

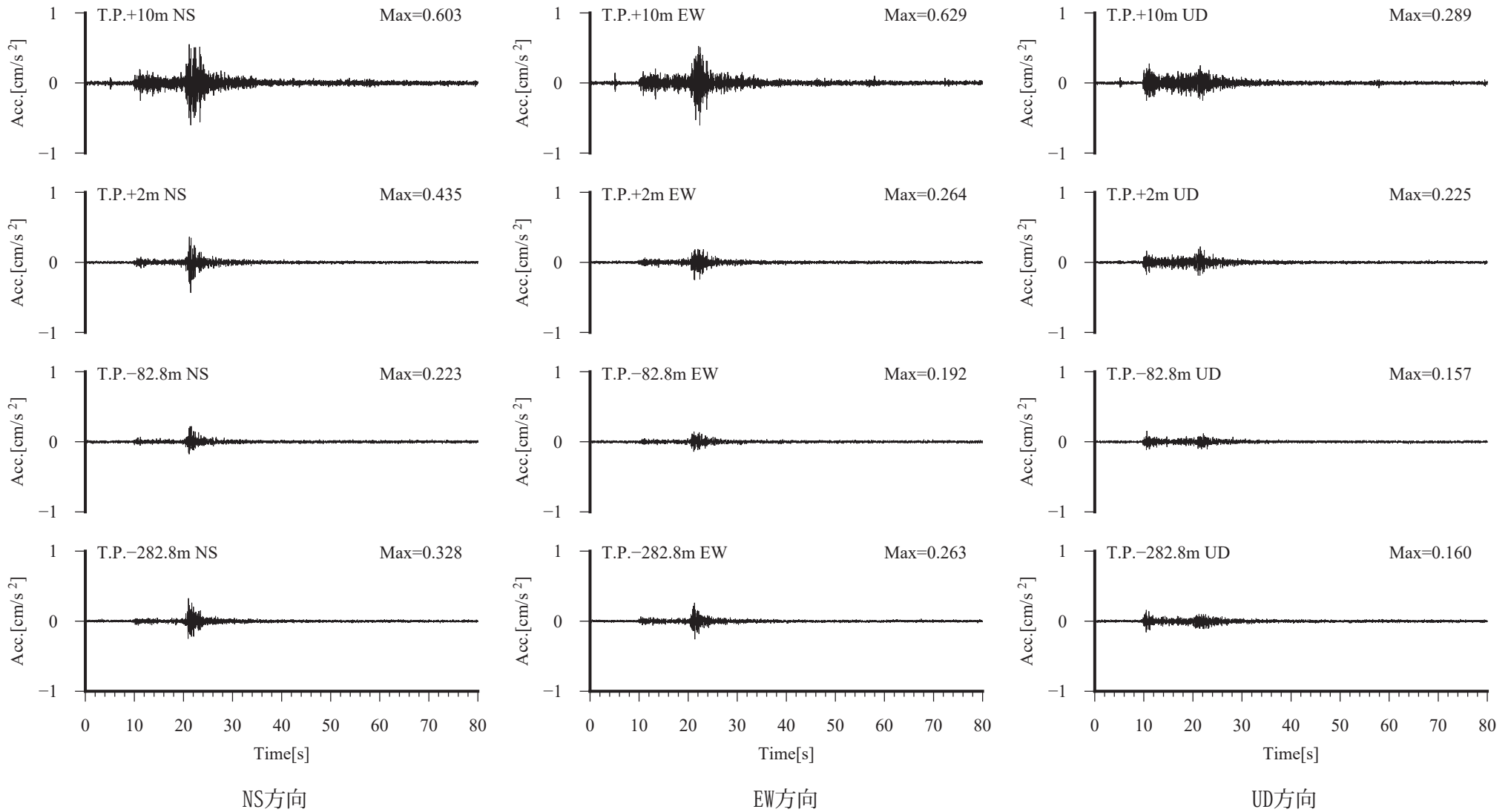
## 検討に使用した地震観測記録

(自由地盤※1, 原子炉建屋直下※2, 電力中央研究所RK-net白糠地点)

---

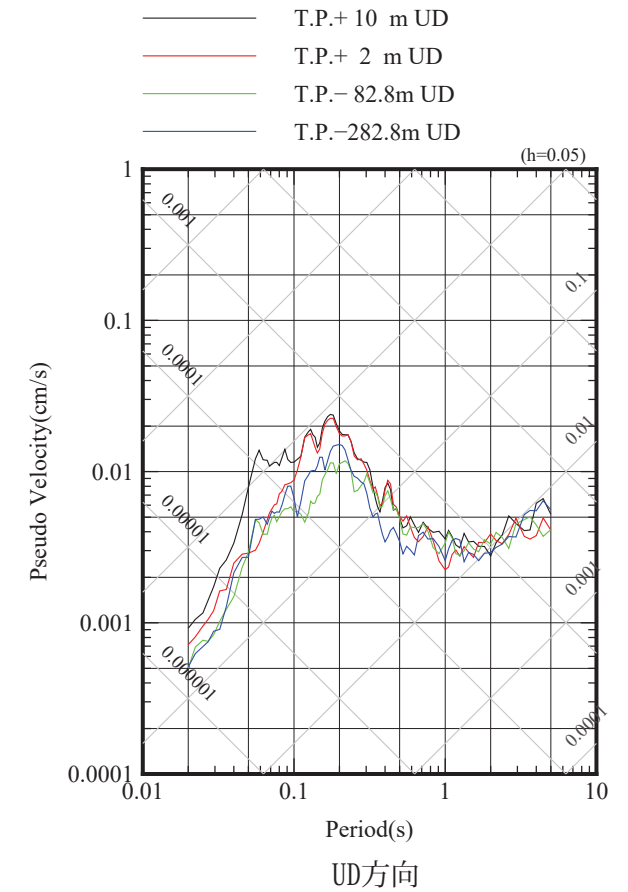
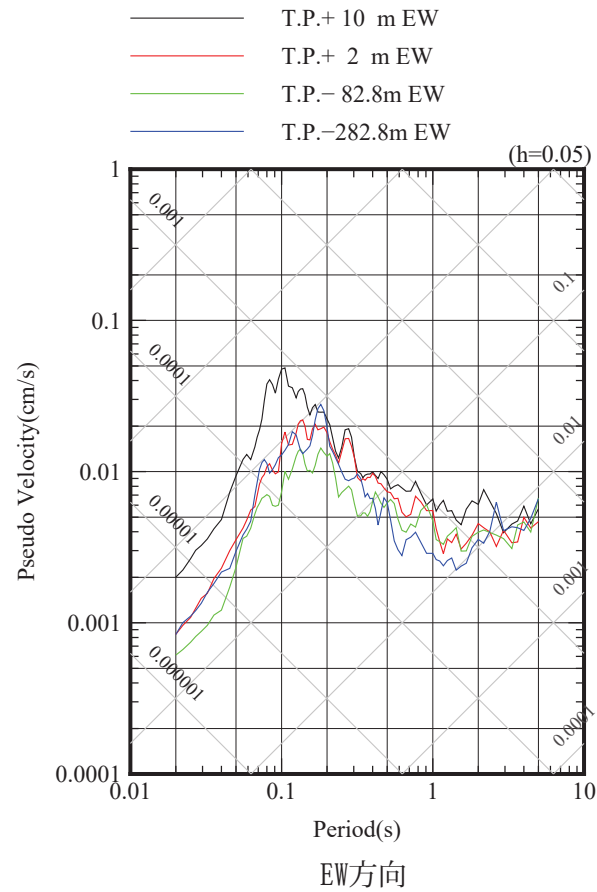
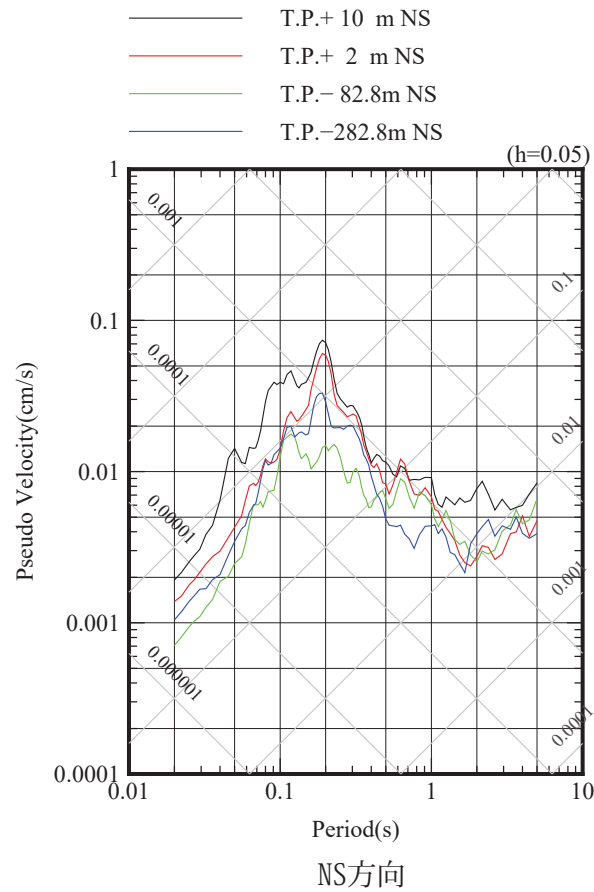
※1 プラントノース方位補正, 同時性検討・確認, 基線補正及びUD成分補正を行った。

※2 プラントノース方位補正及び基線補正を行った。



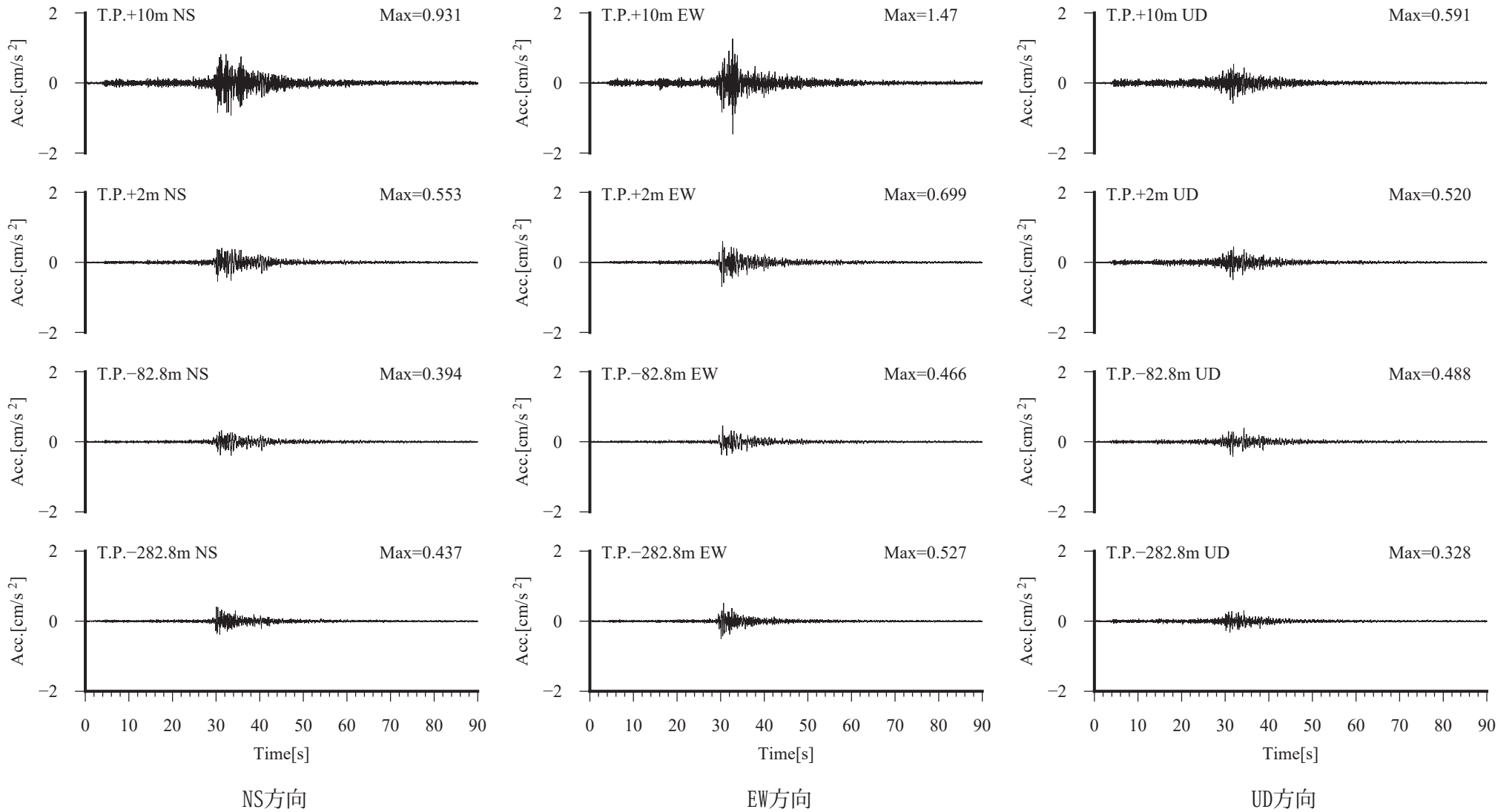
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/4/26 (16:36) M3.6, 深さ=92.1km, 震央距離=39km, 震源距離=100km



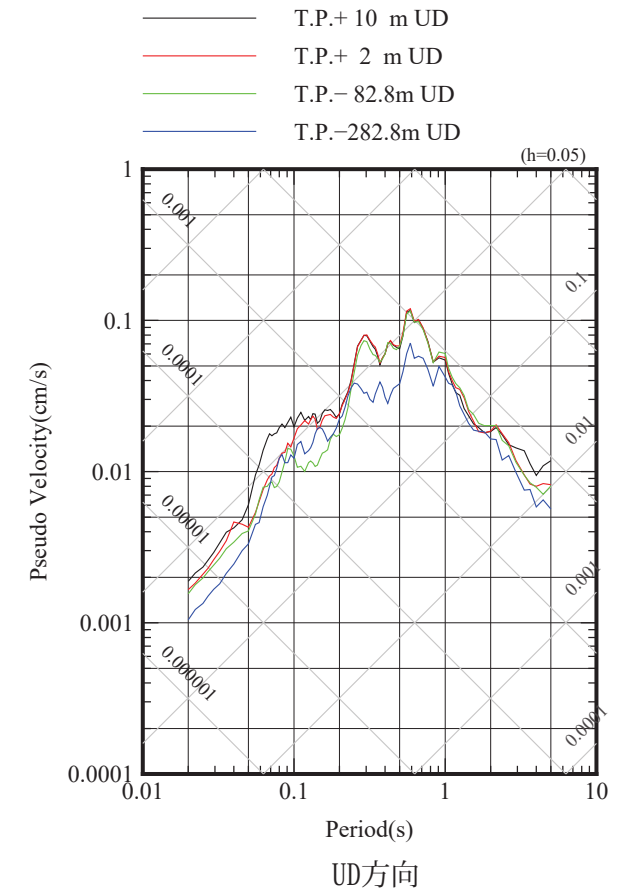
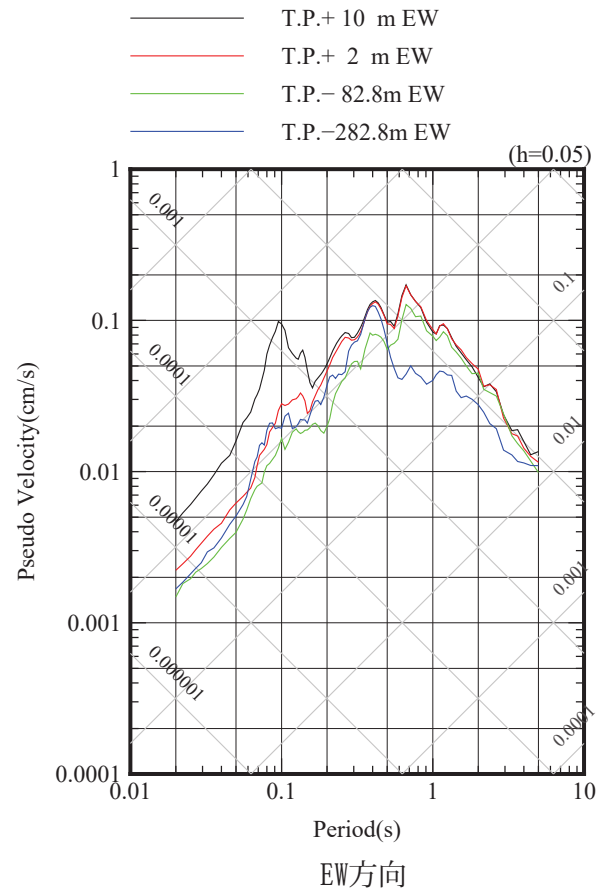
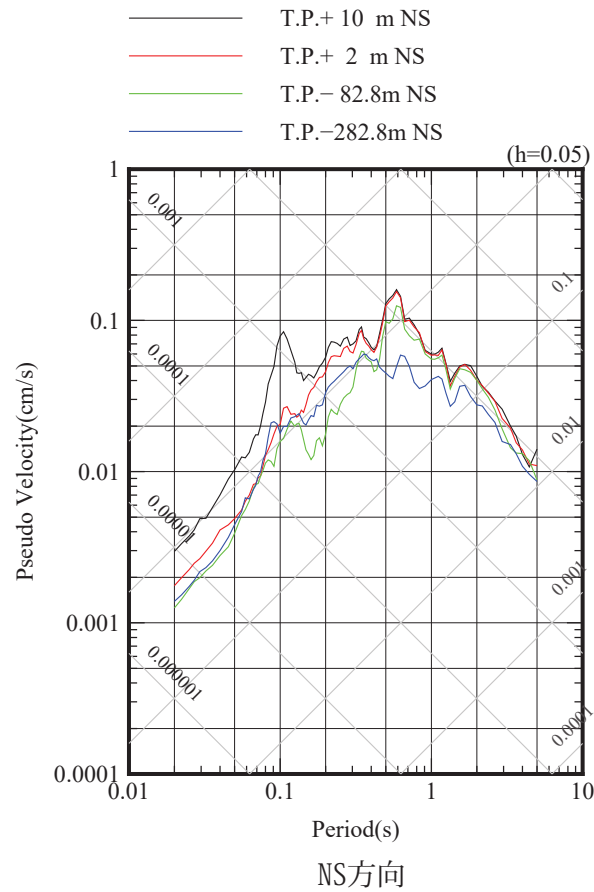
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/4/26 (16:36) M3.6, 深さ=92.1km, 震央距離=39km, 震源距離=100km



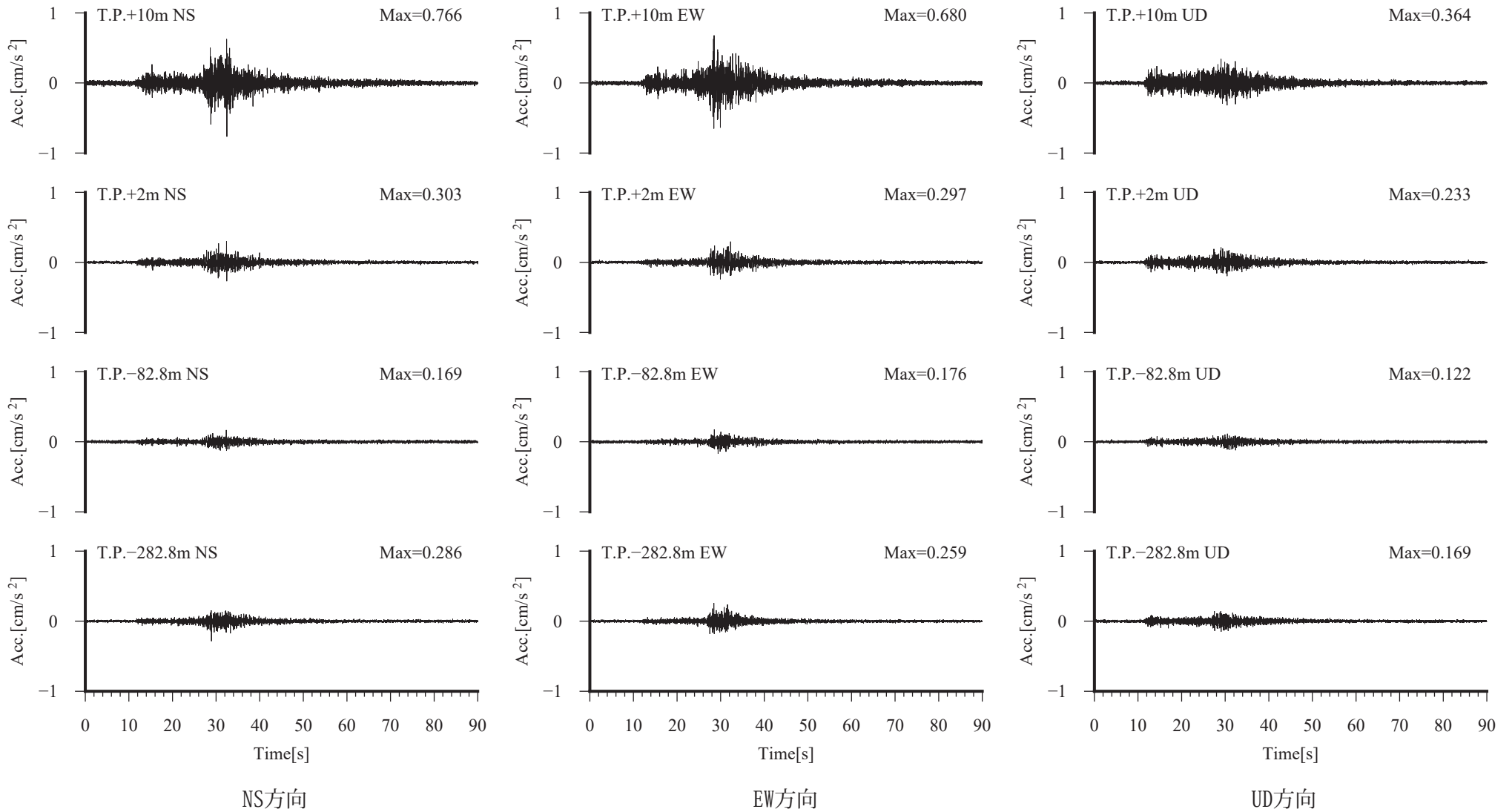
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/4/29 (22:38) M4.8, 深さ=126.8km, 震央距離=234km, 震源距離=266km



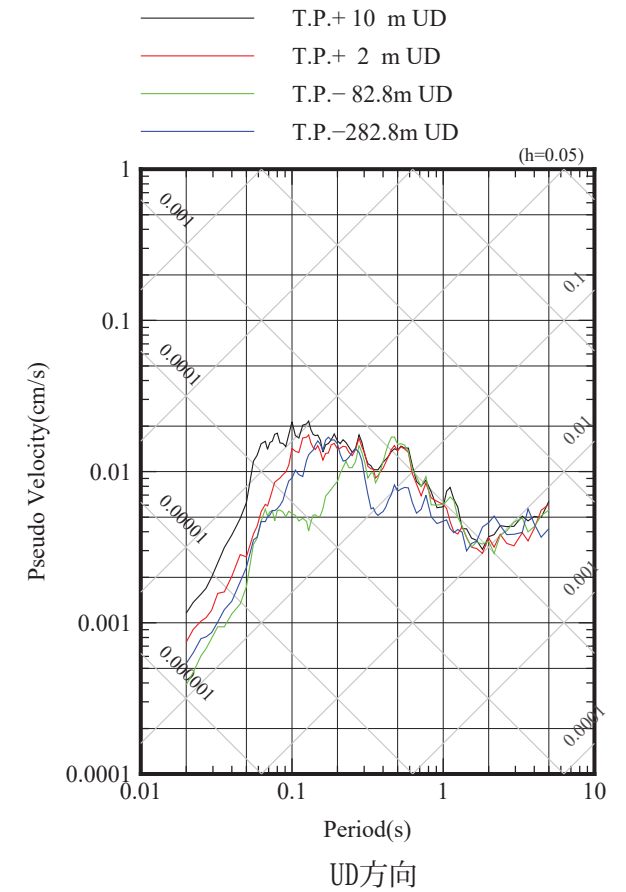
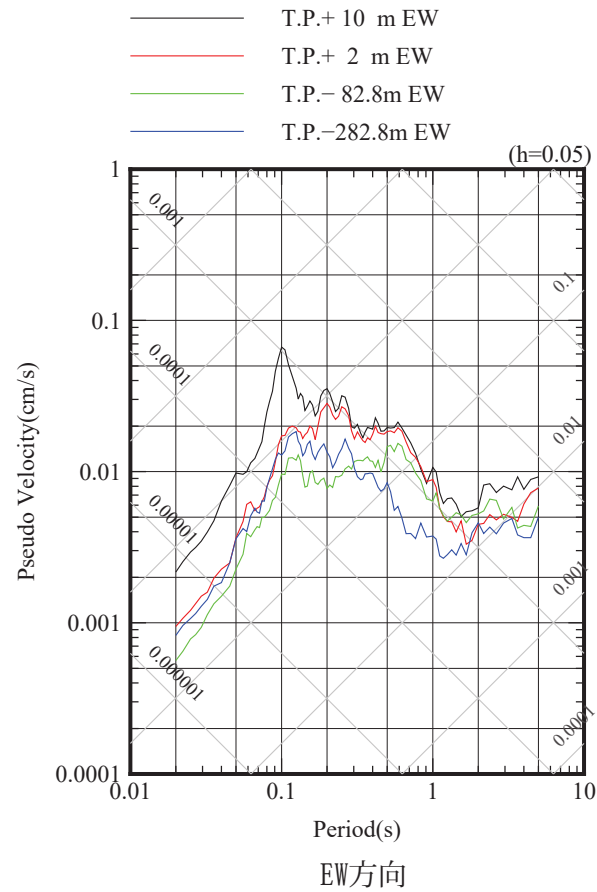
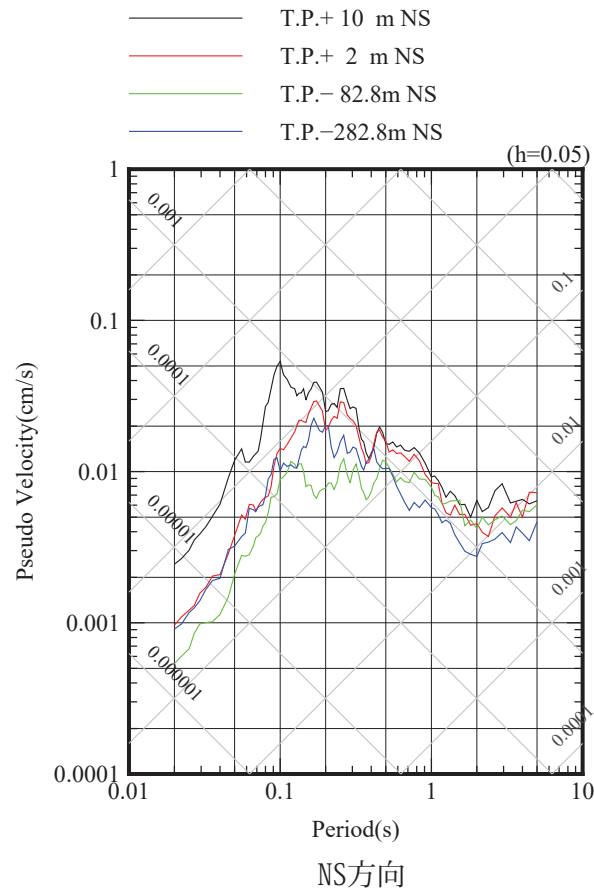
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/4/29 (22:38) M4.8, 深さ=126.8km, 震央距離=234km, 震源距離=266km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

1994/8/5 (14:53) M4.2, 深さ=66.7km, 震央距離=128km, 震源距離=144km

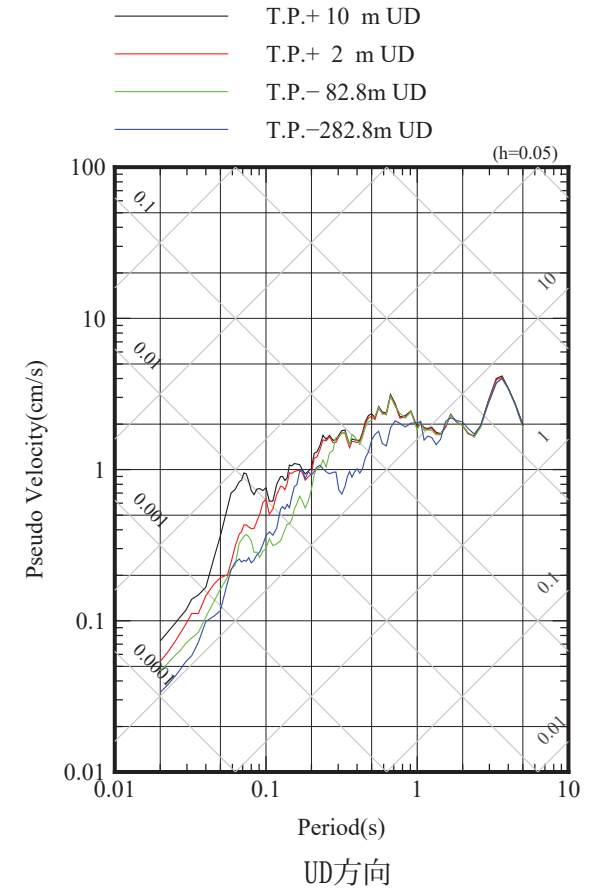
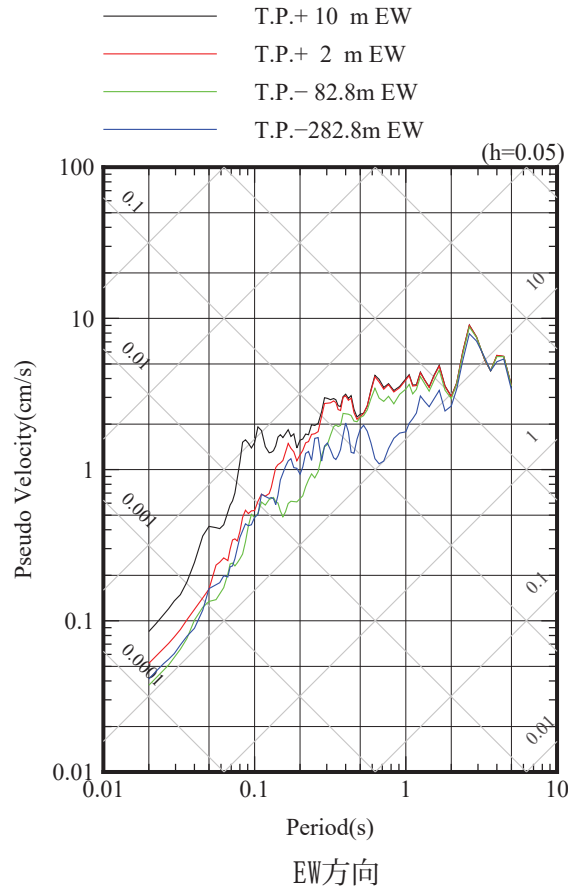
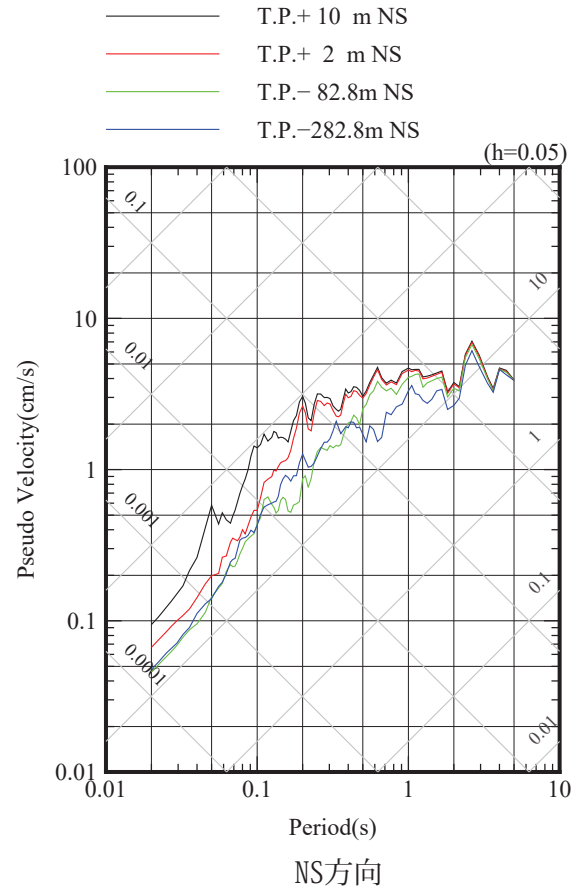


自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/8/5 (14:53) M4.2, 深さ=66.7km, 震央距離=128km, 震源距離=144km

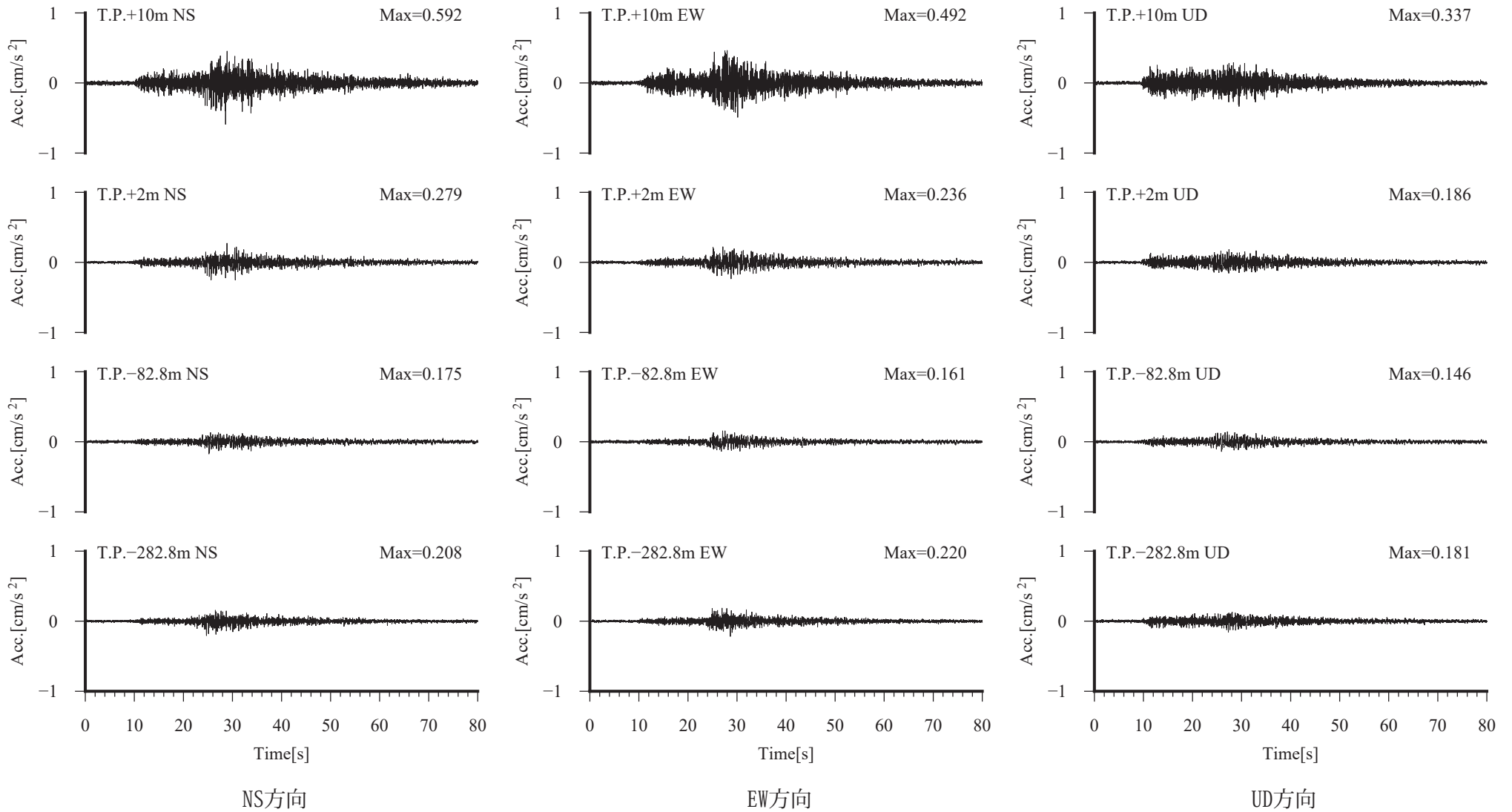






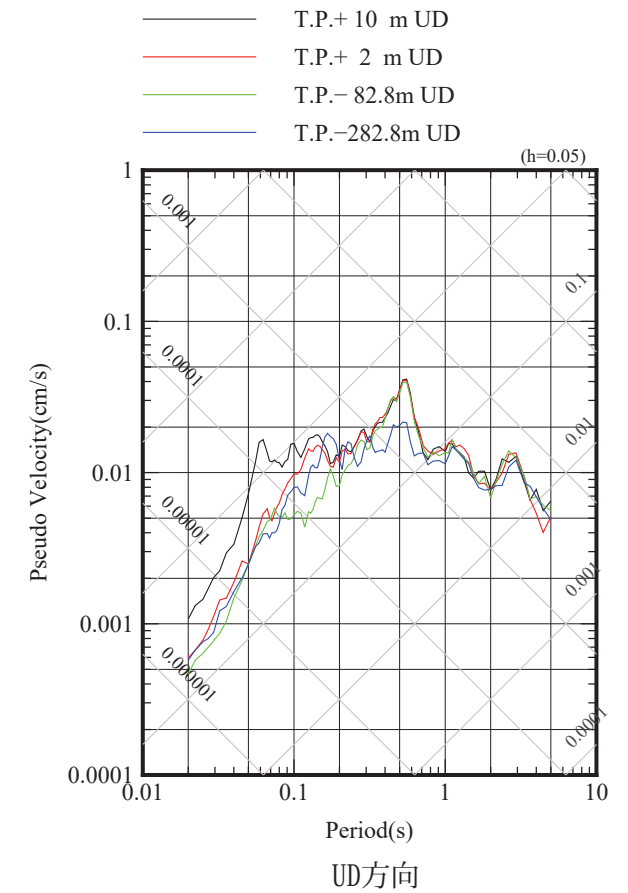
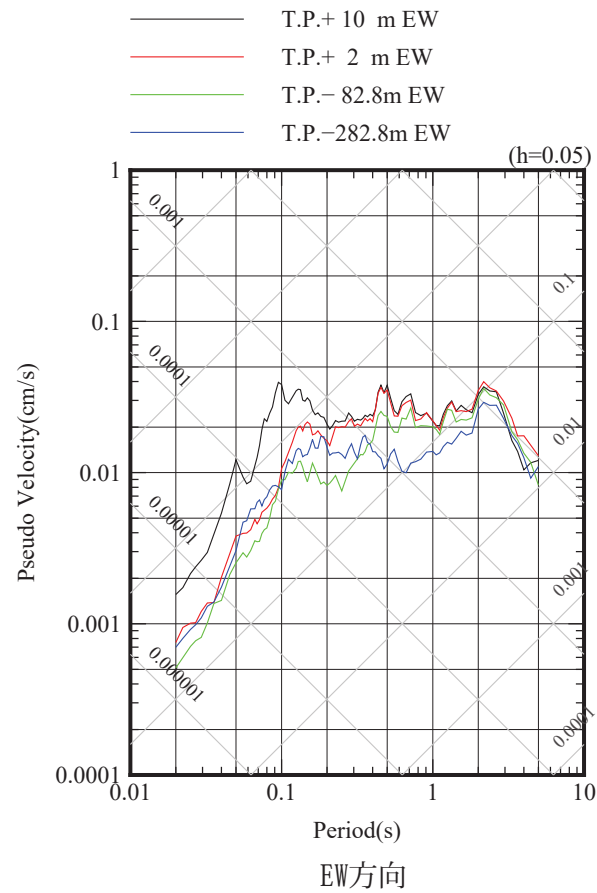
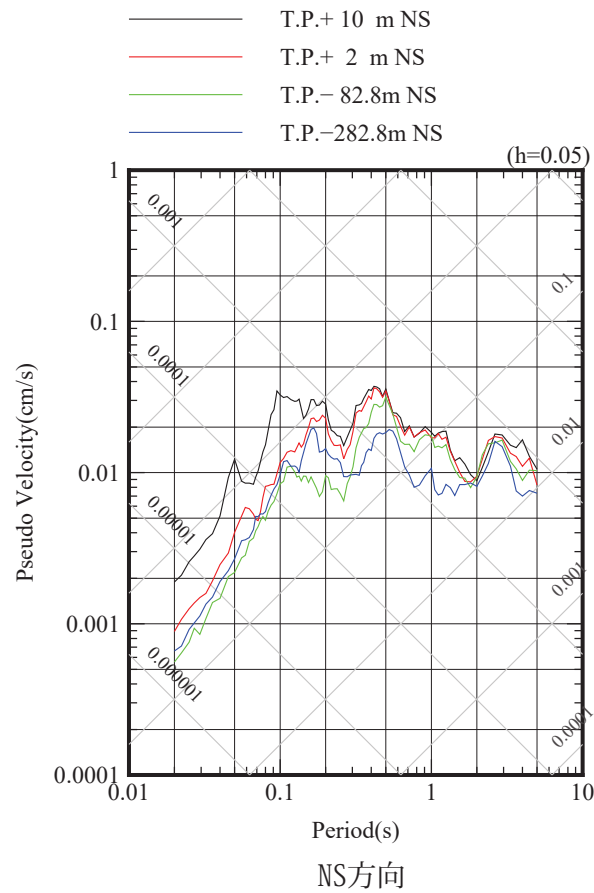
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/10/4 (22:22) M8.2, 深さ=28km, 震央距離=572km, 震源距離=573km



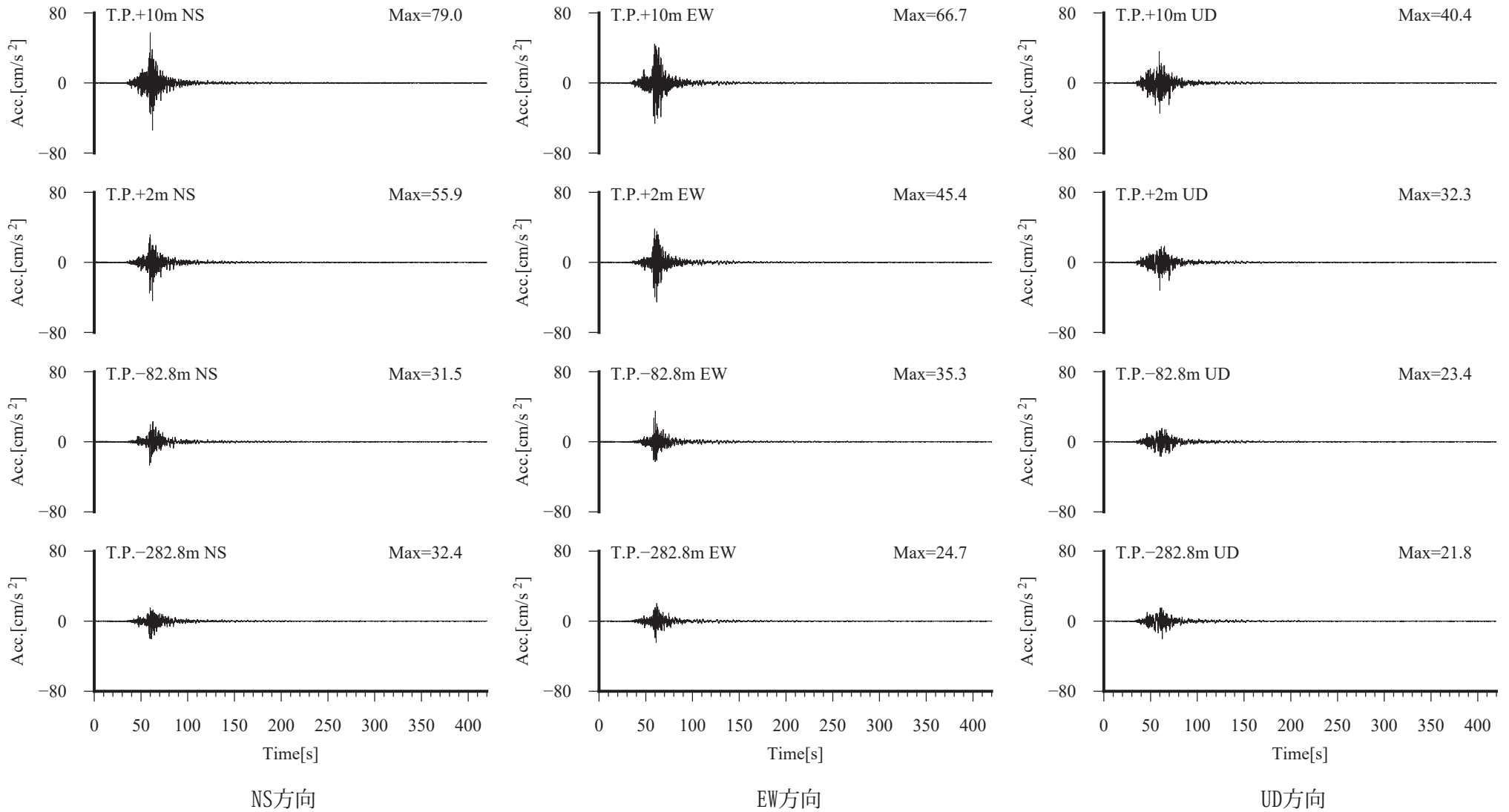
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/12/10 (7:48) M4.7, 深さ=64.6km, 震央距離=113km, 震源距離=130km



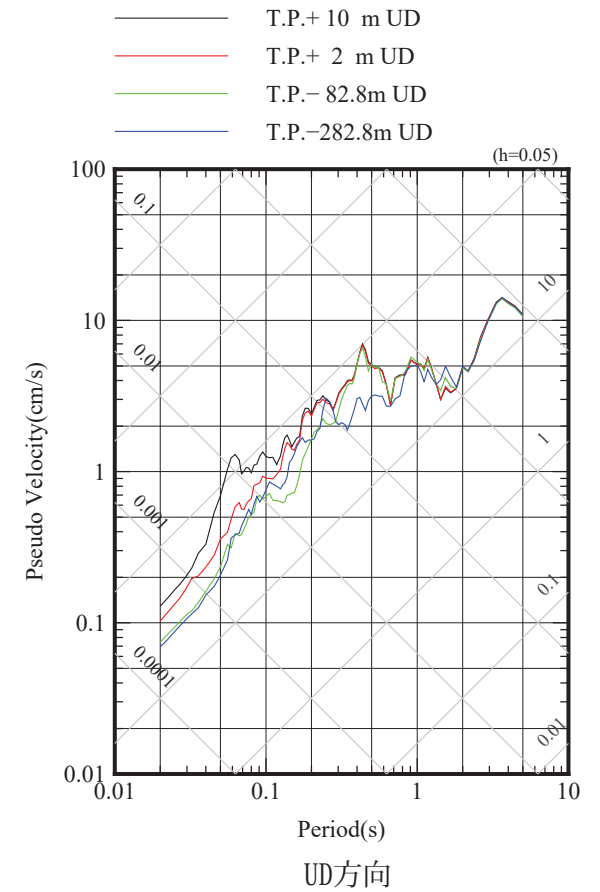
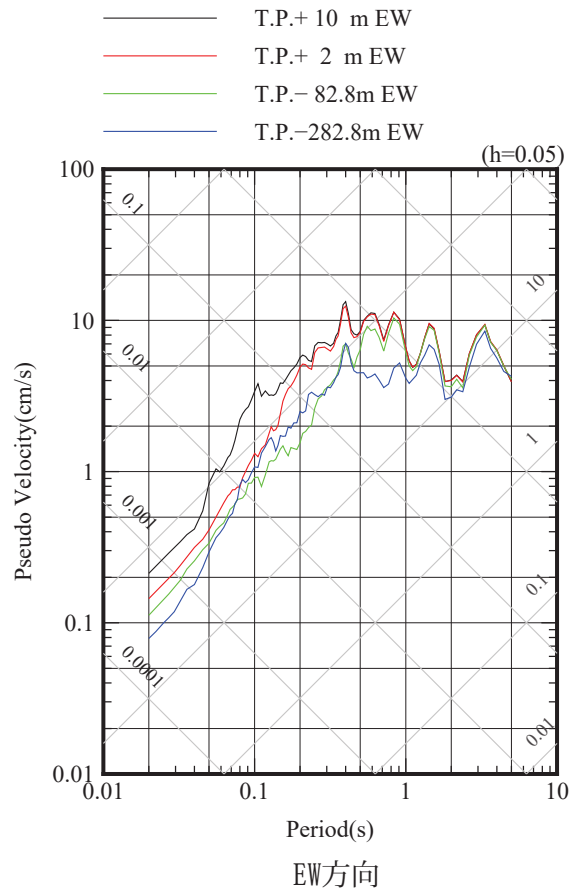
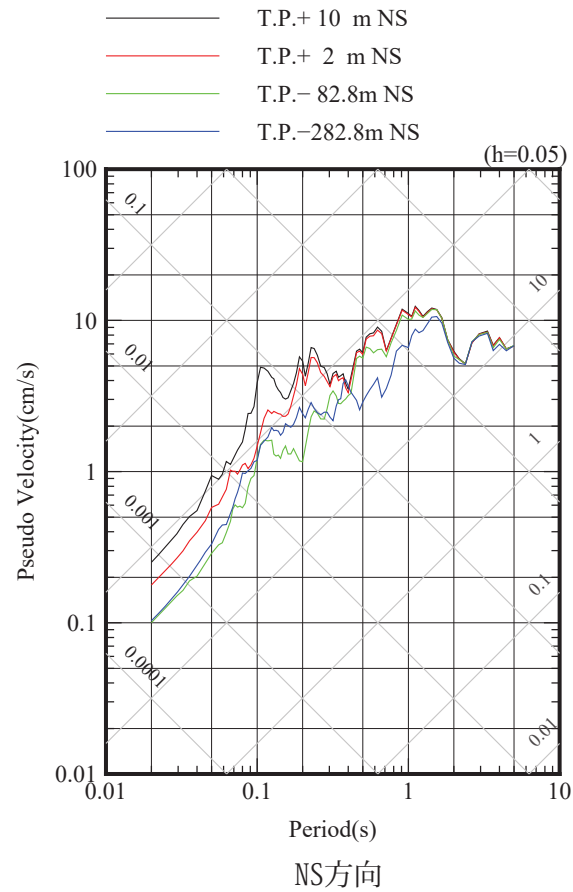
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/12/10 (7:48) M4.7, 深さ=64.6km, 震央距離=113km, 震源距離=130km



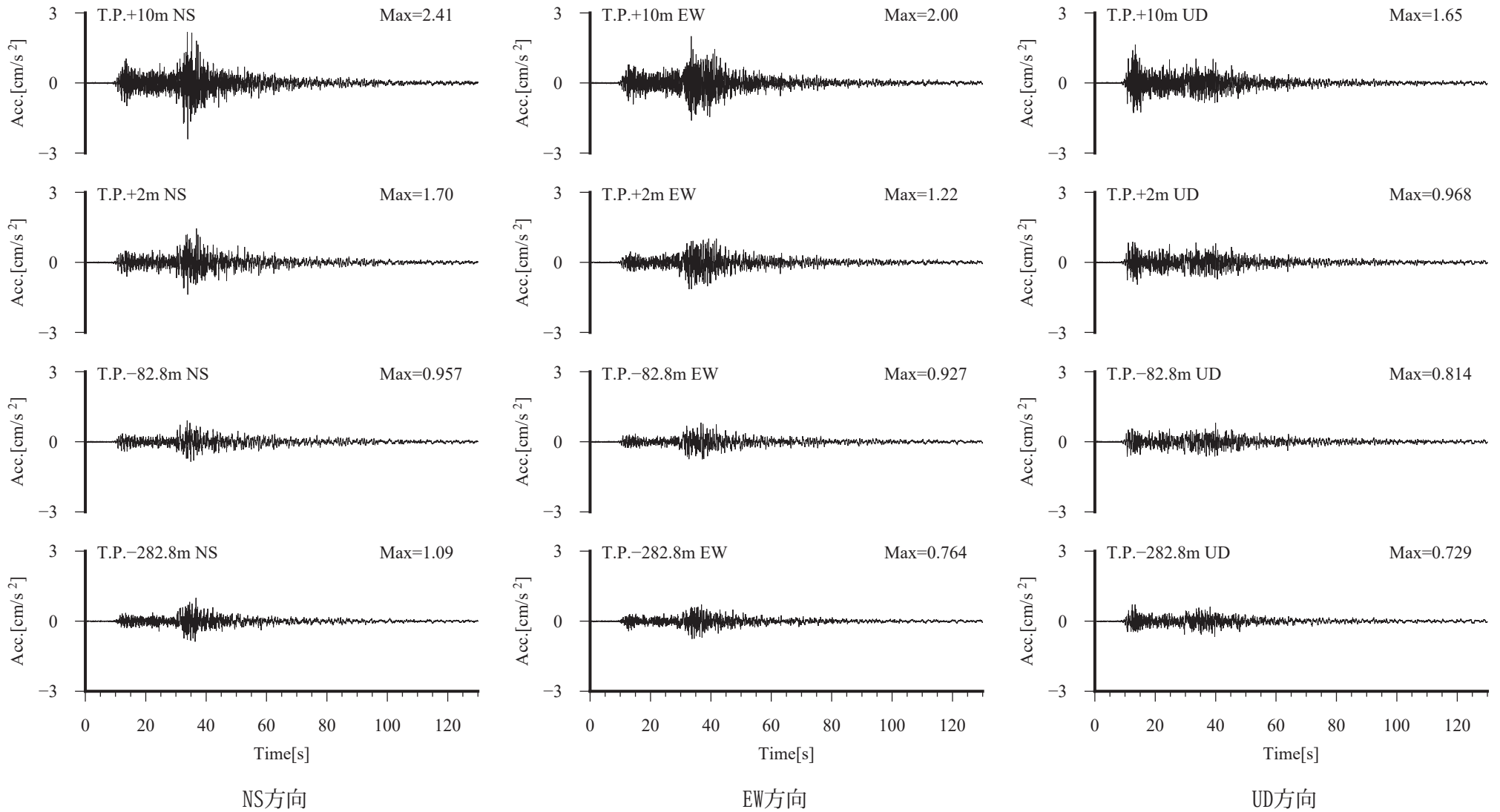
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/12/28 (21:19) M7.6, 深さ=0km, 震央距離=216km, 震源距離=216km



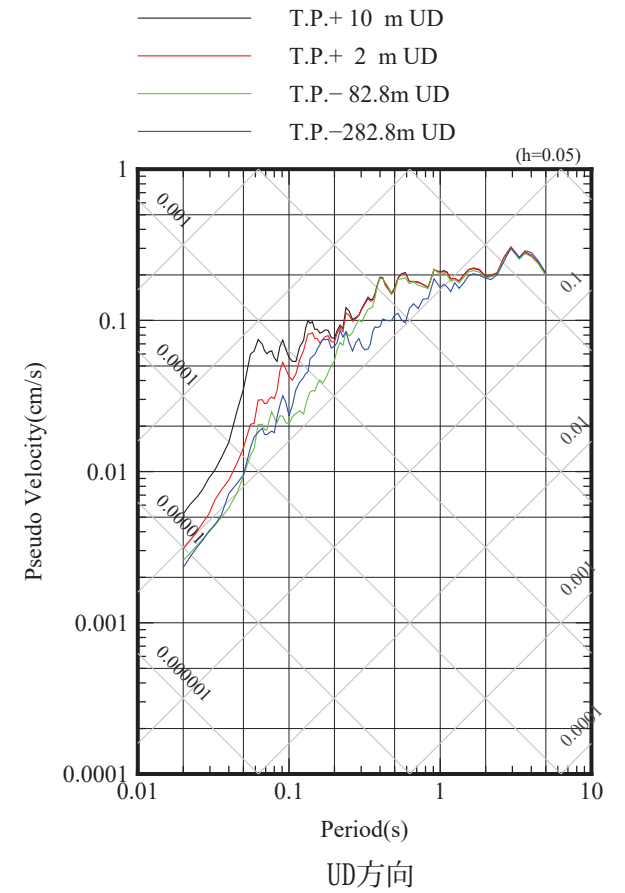
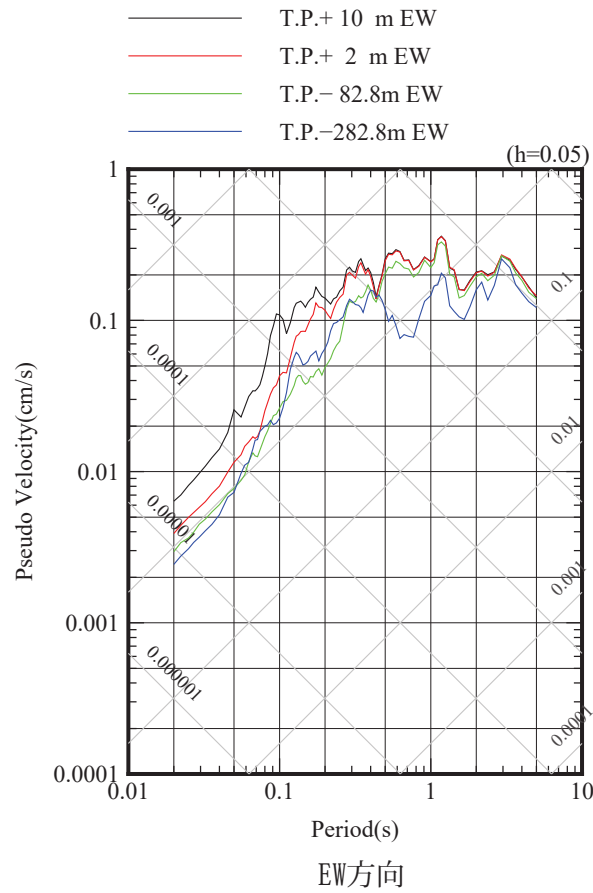
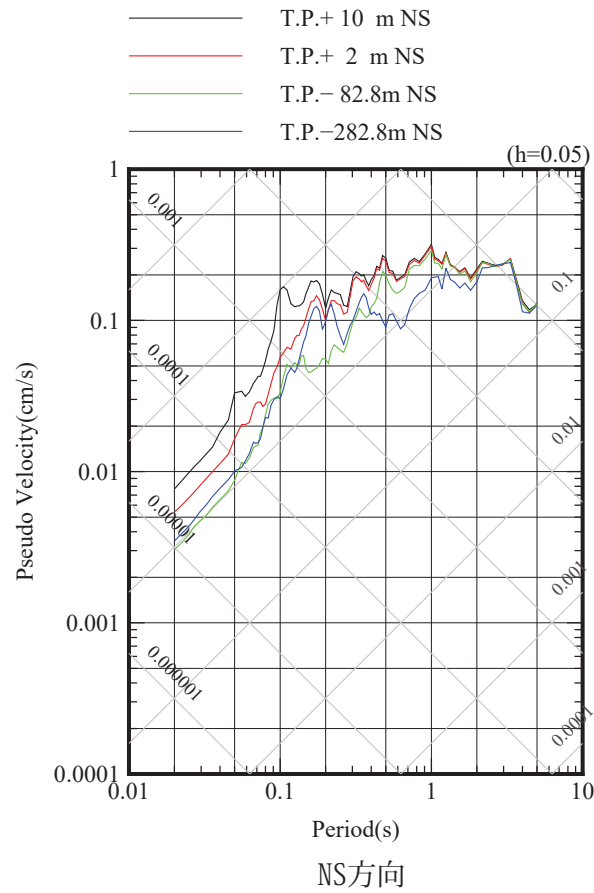
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/12/28 (21:19) M7.6, 深さ=0km, 震央距離=216km, 震源距離=216km



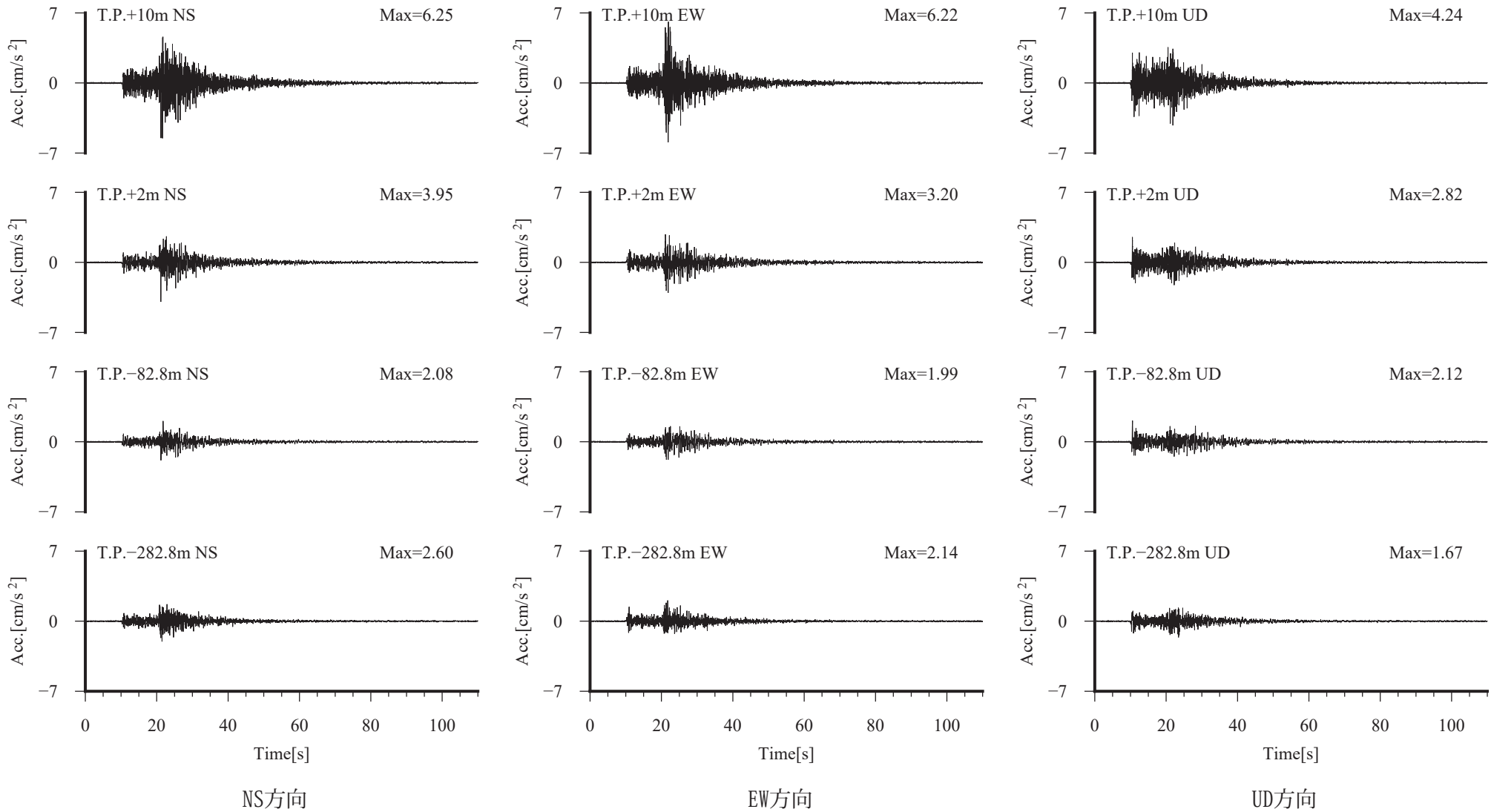
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/12/29 (5:52) M6.5, 深さ=0km, 震央距離=182km, 震源距離=182km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

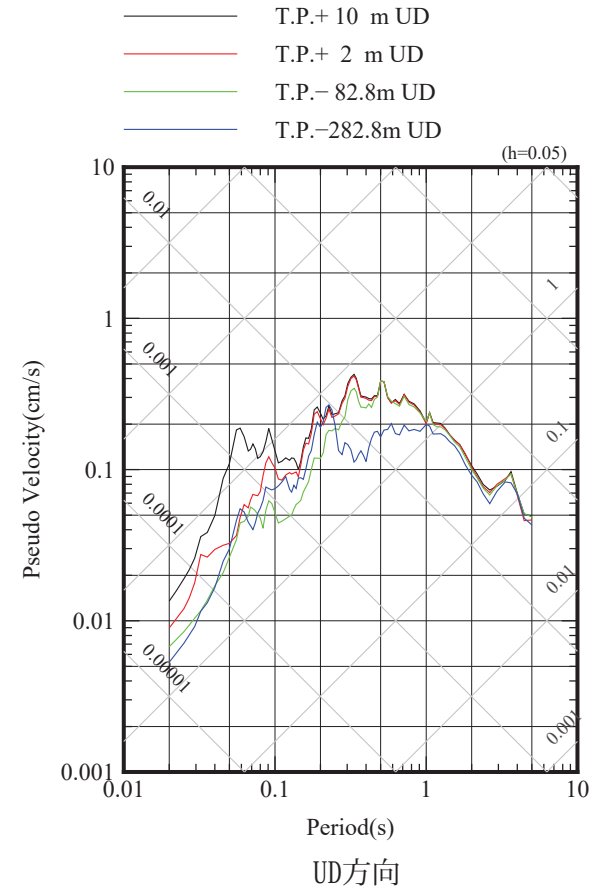
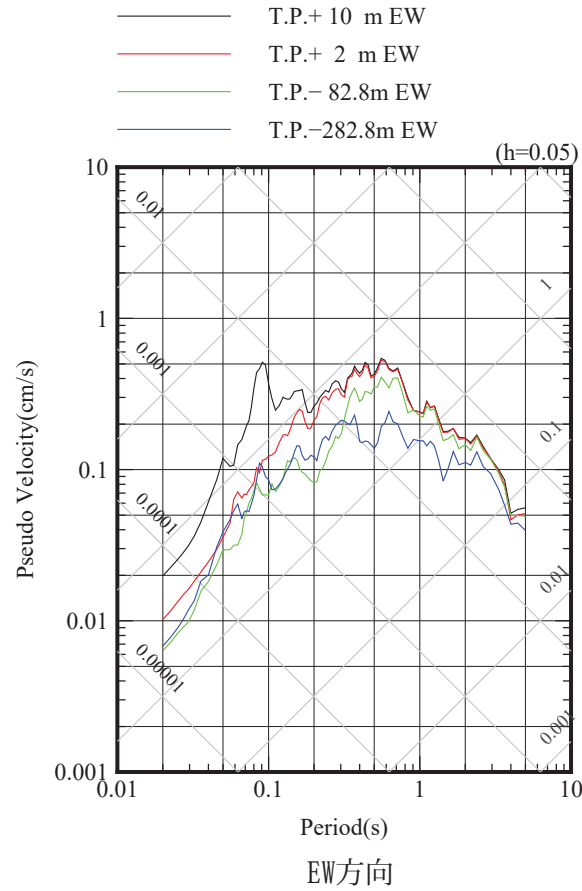
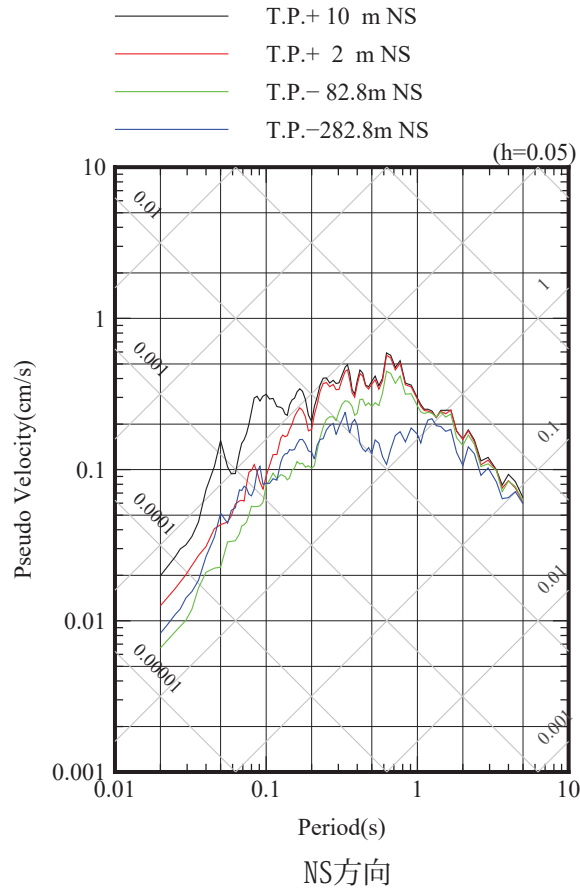
1994/12/29 (5:52) M6.5, 深さ=0km, 震央距離=182km, 震源距離=182km



自由地盤 検討に用いた地震の加速度時刻歴波形

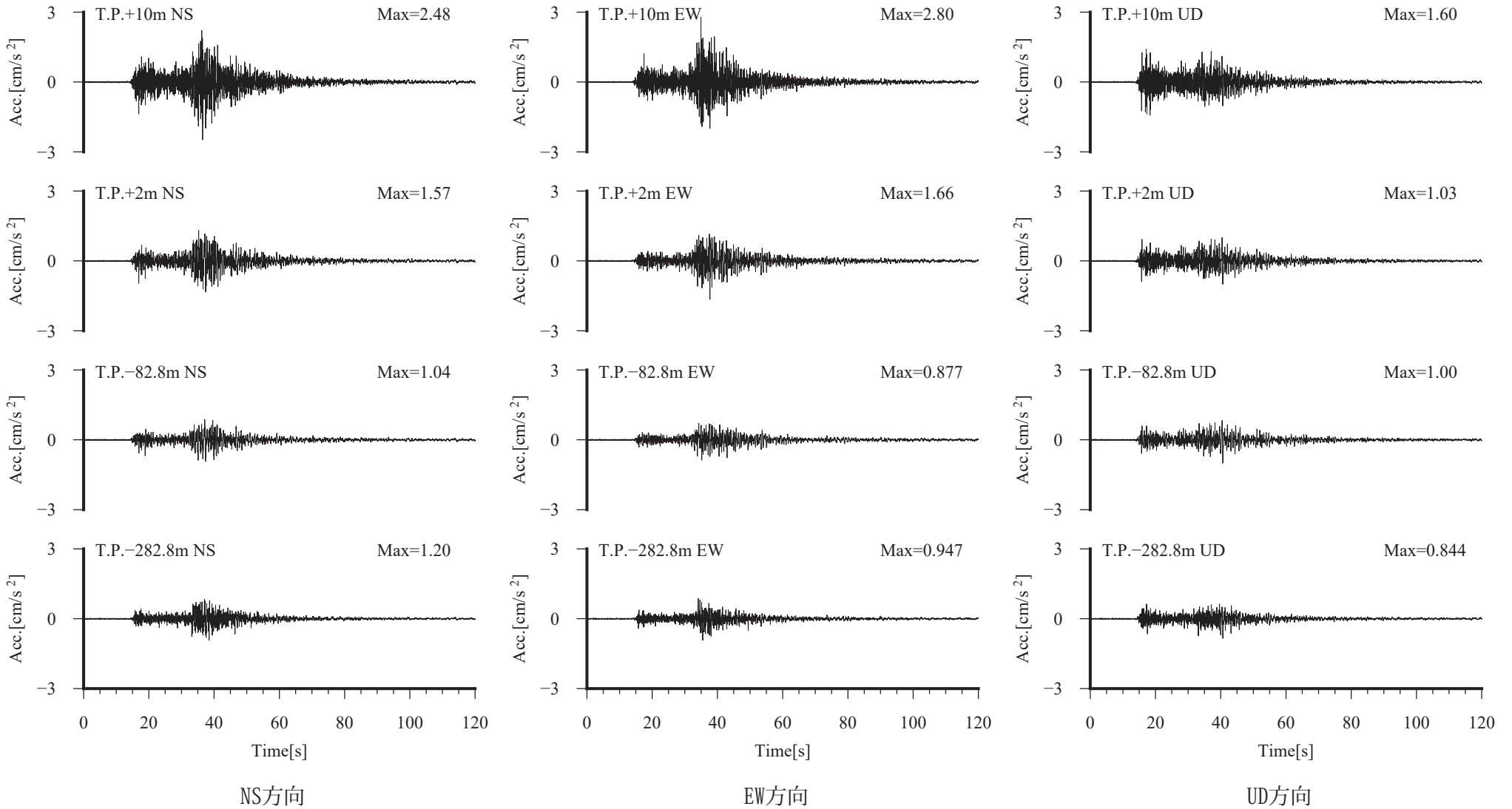
1994/12/30 (0:29) M5.6, 深さ=52.5km, 震央距離=84km, 震源距離=99km





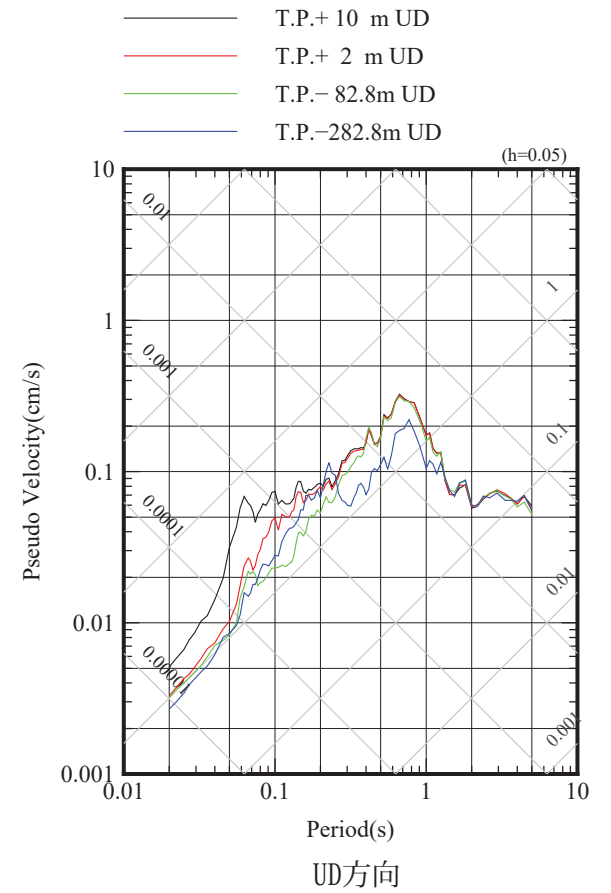
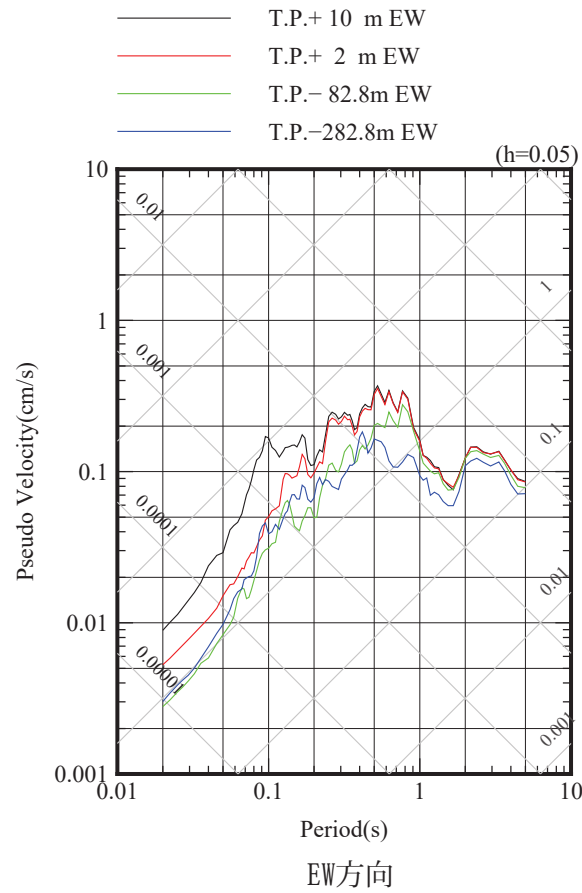
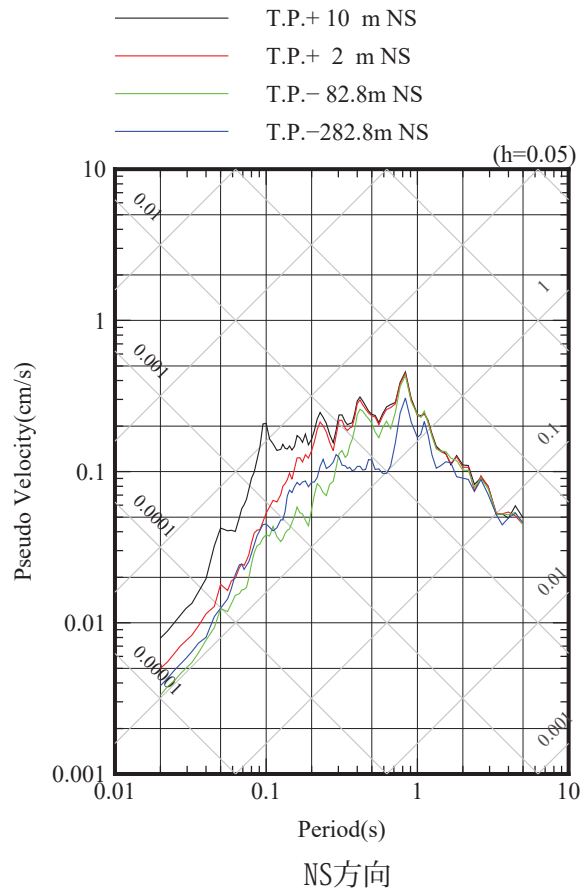
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/12/30 (0:29) M5.6, 深さ=52.5km, 震央距離=84km, 震源距離=99km



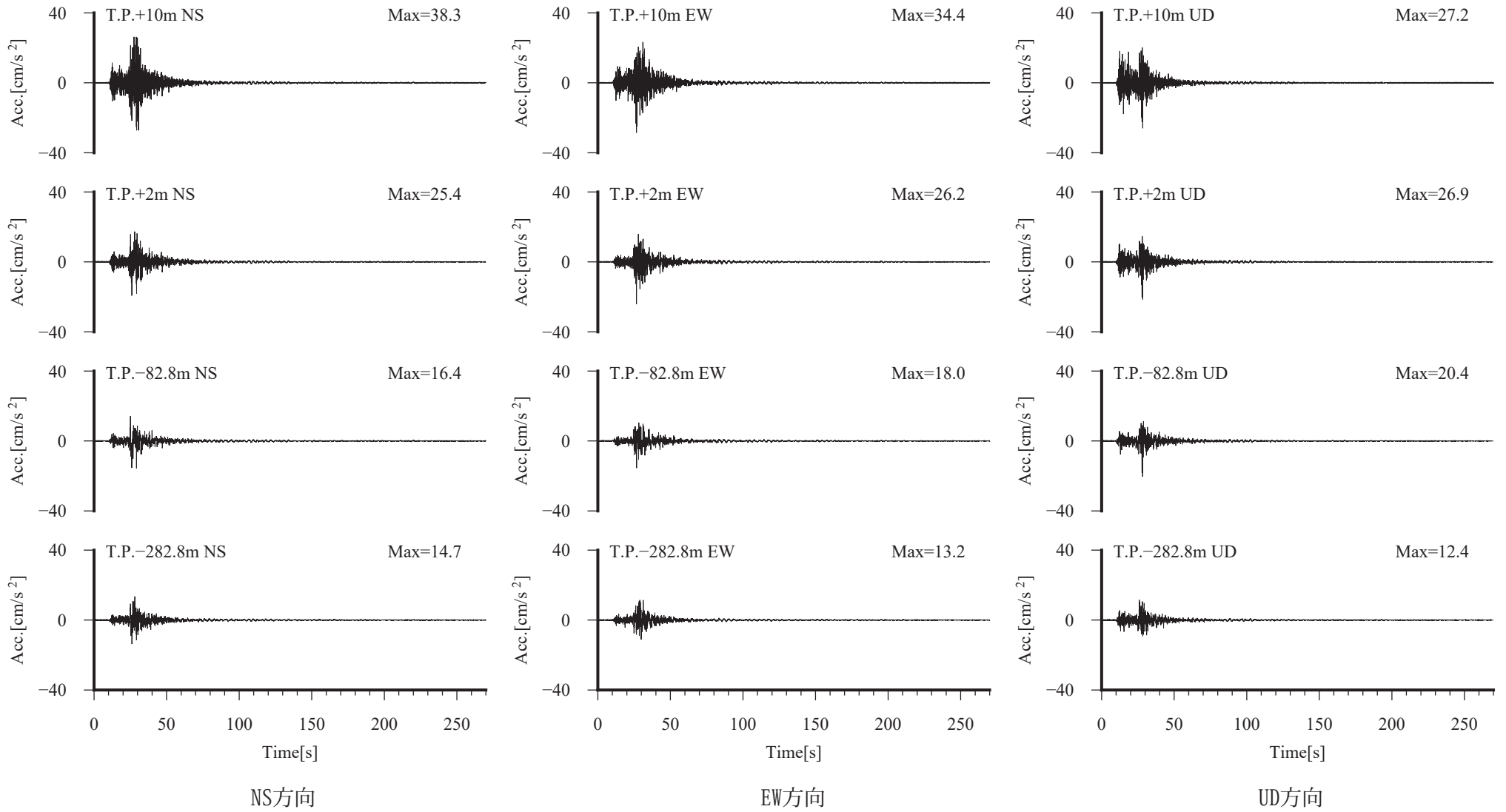
自由地盤 検討に用いた地震の加速度時刻歴波形

1994/12/31 (22:50) M5.8, 深さ=24.3km, 震央距離=157km, 震源距離=159km



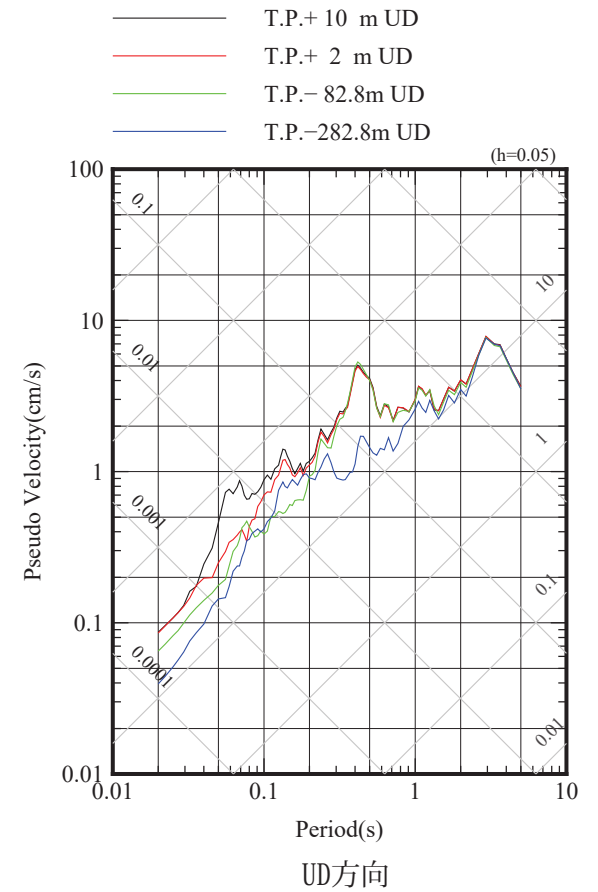
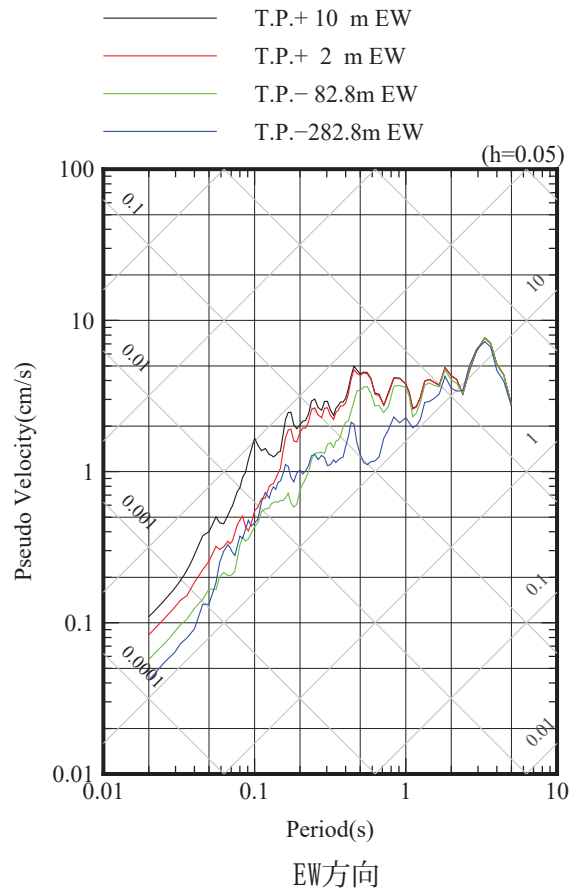
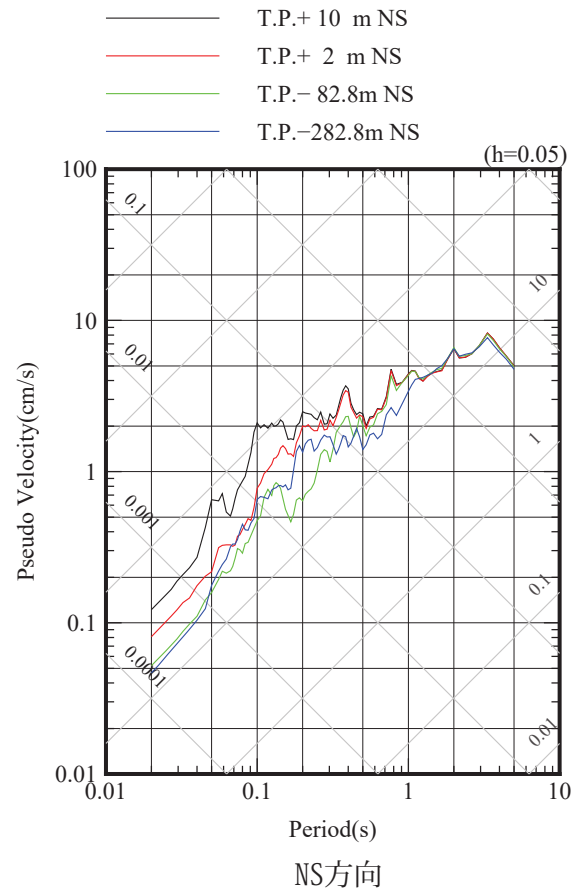
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1994/12/31 (22:50) M5.8, 深さ=24.3km, 震央距離=157km, 震源距離=159km



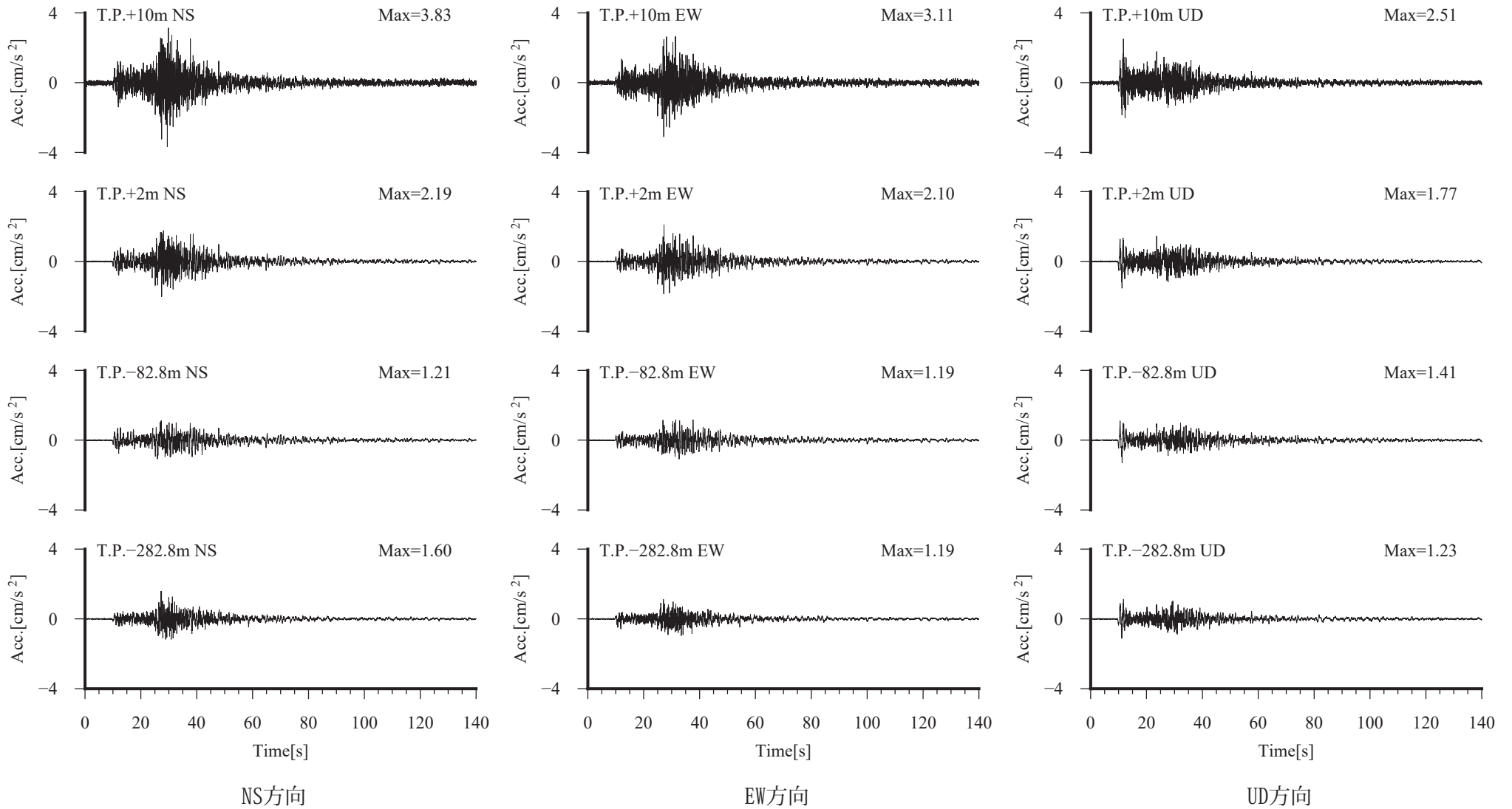
自由地盤 検討に用いた地震の加速度時刻歴波形

1995/1/7 (7:37) M7.2, 深さ=47.84km, 震央距離=132km, 震源距離=141km



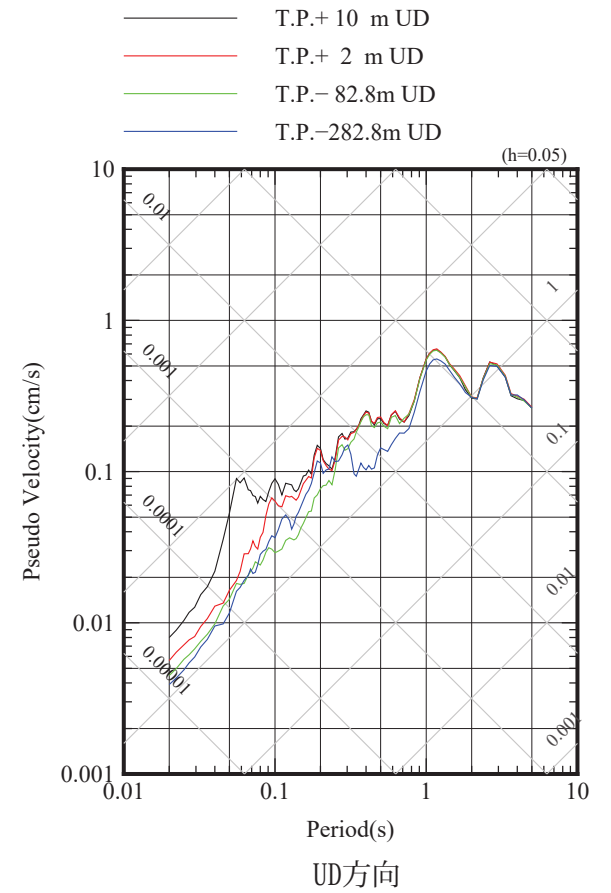
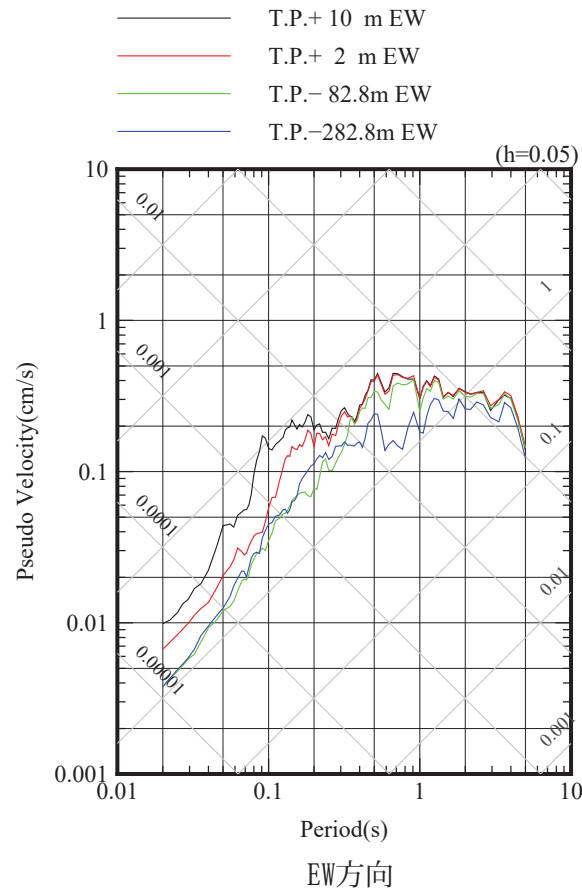
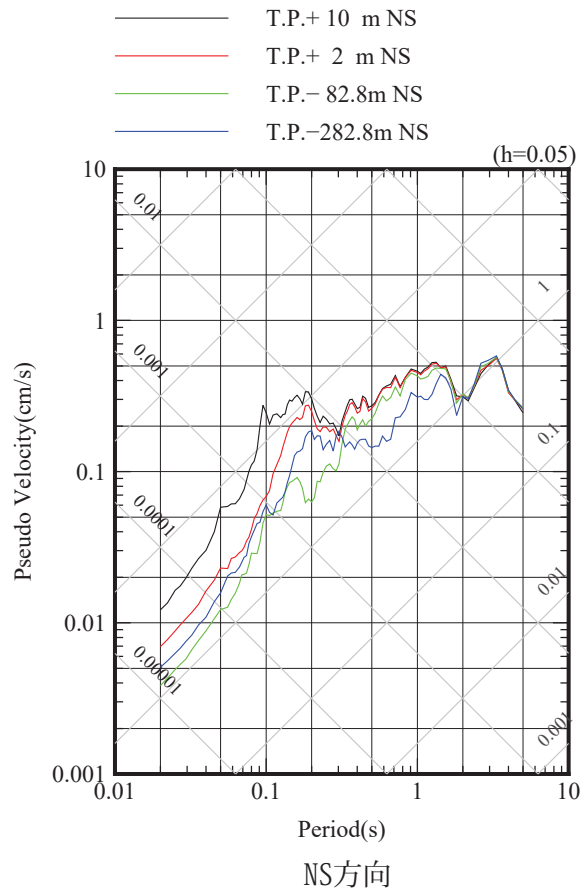
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/1/7 (7:37) M7.2, 深さ=47.84km, 震央距離=132km, 震源距離=141km



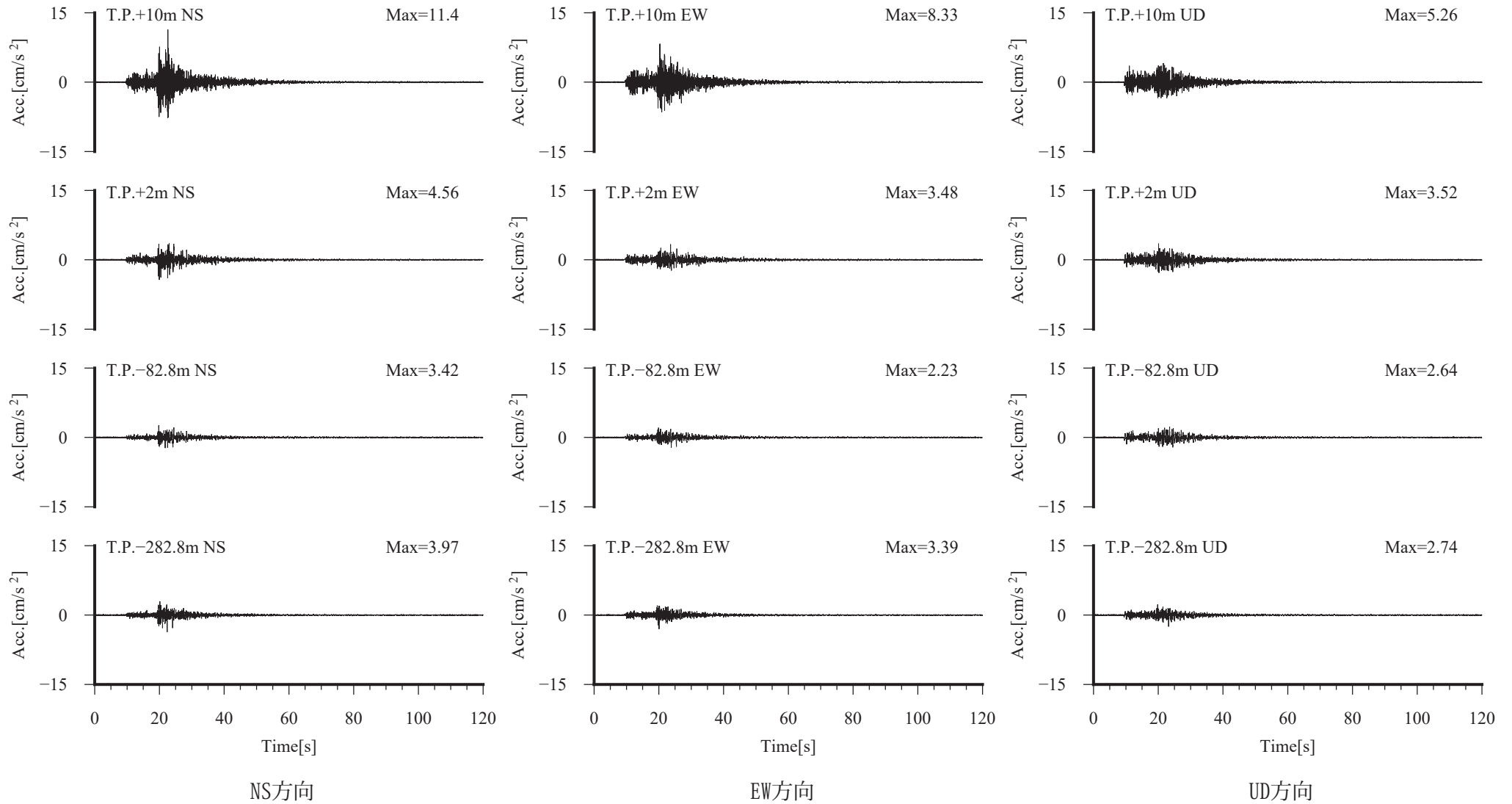
自由地盤 検討に用いた地震の加速度時刻歴波形

1995/1/7 (11:36) M6.2, 深さ=38.07km, 震央距離=133km, 震源距離=139km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

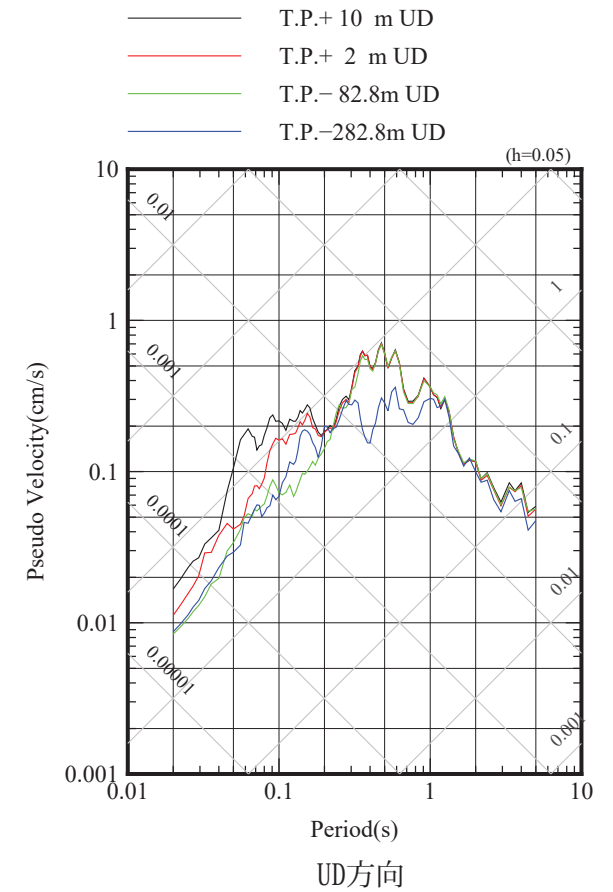
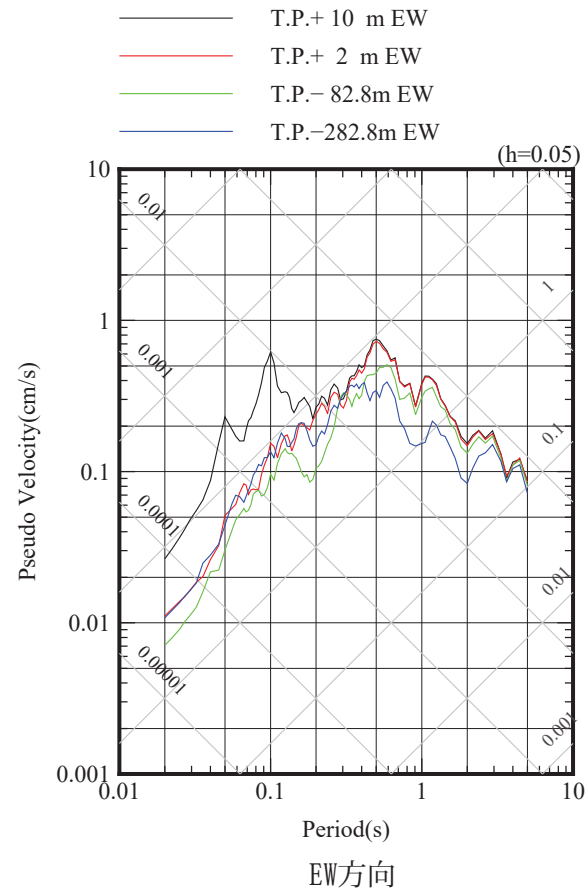
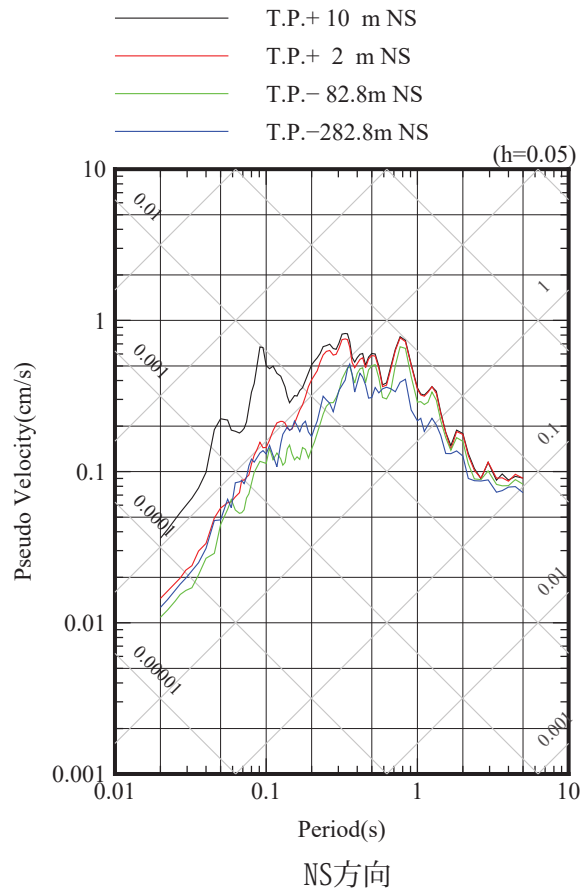
1995/1/7 (11:36) M6.2, 深さ=38.07km, 震央距離=133km, 震源距離=139km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

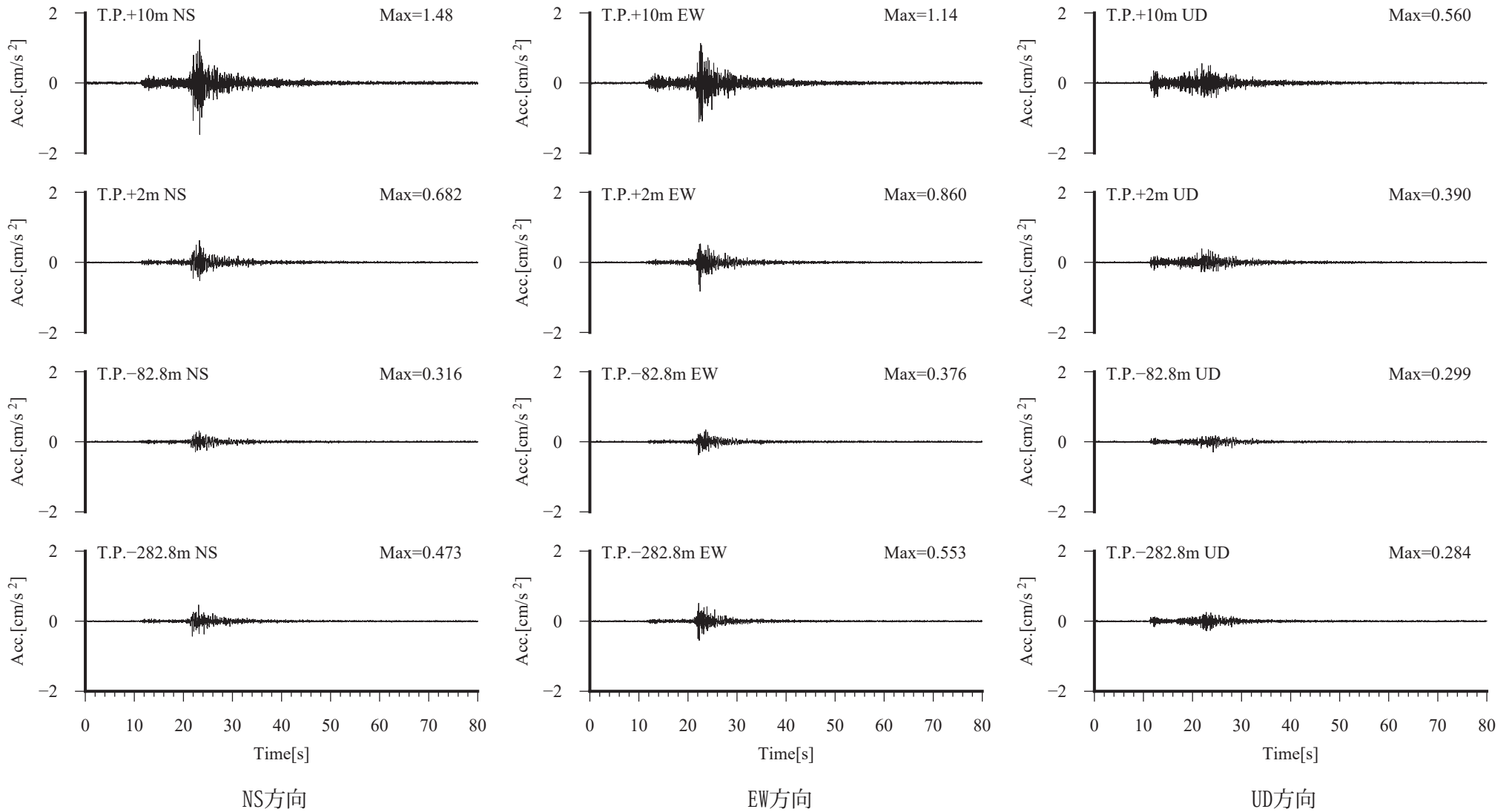
1995/2/6 (22:51) M5.6, 深さ=56.02km, 震央距離=74km, 震源距離=93km





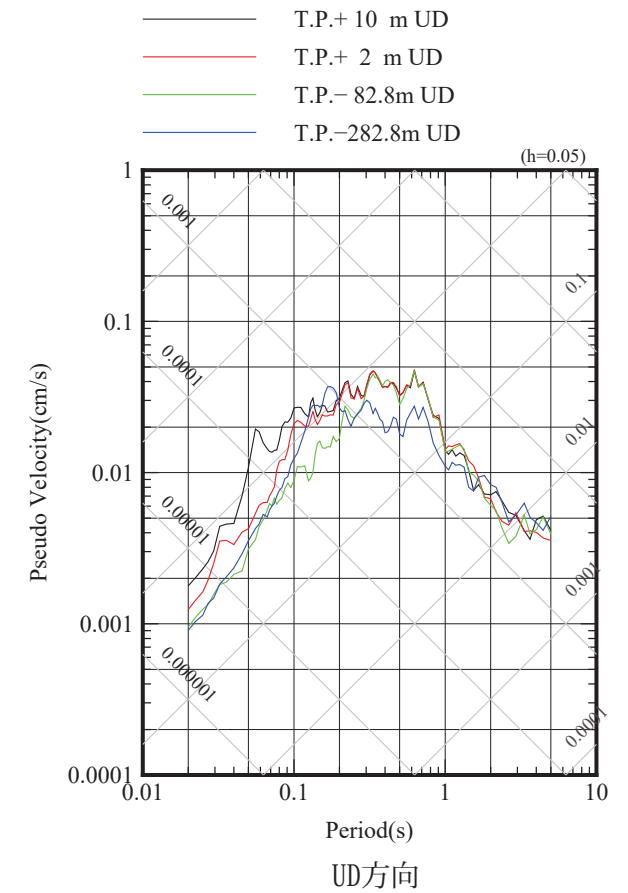
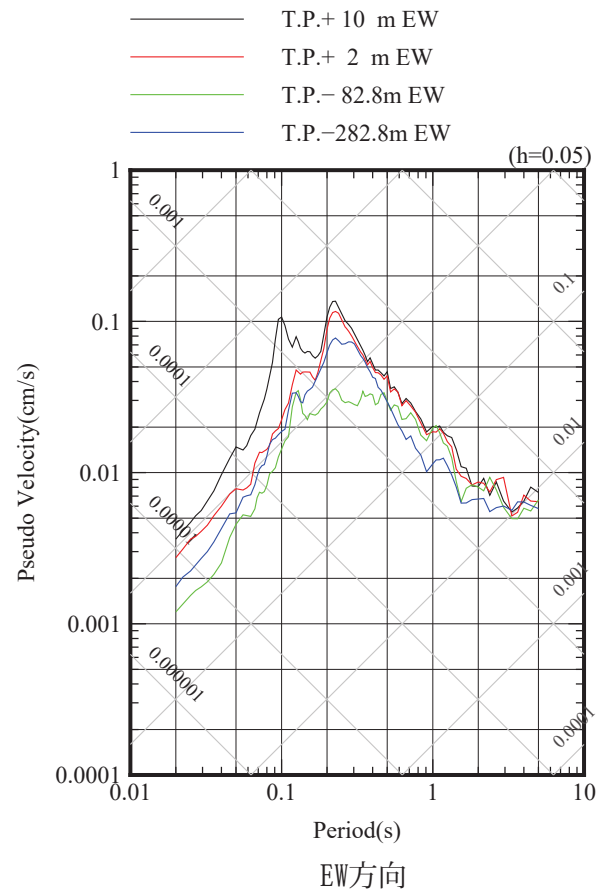
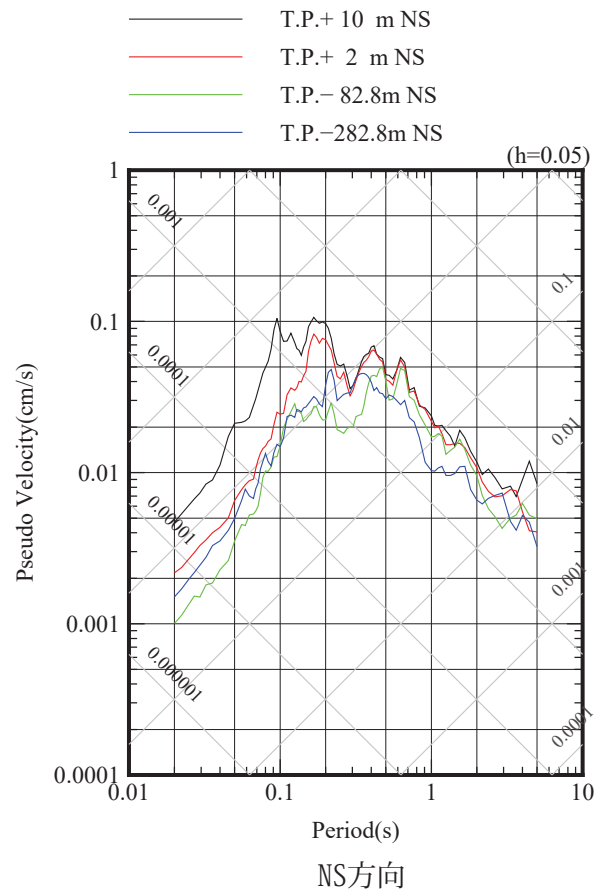
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/2/6 (22:51) M5.6, 深さ=56.02km, 震央距離=74km, 震源距離=93km



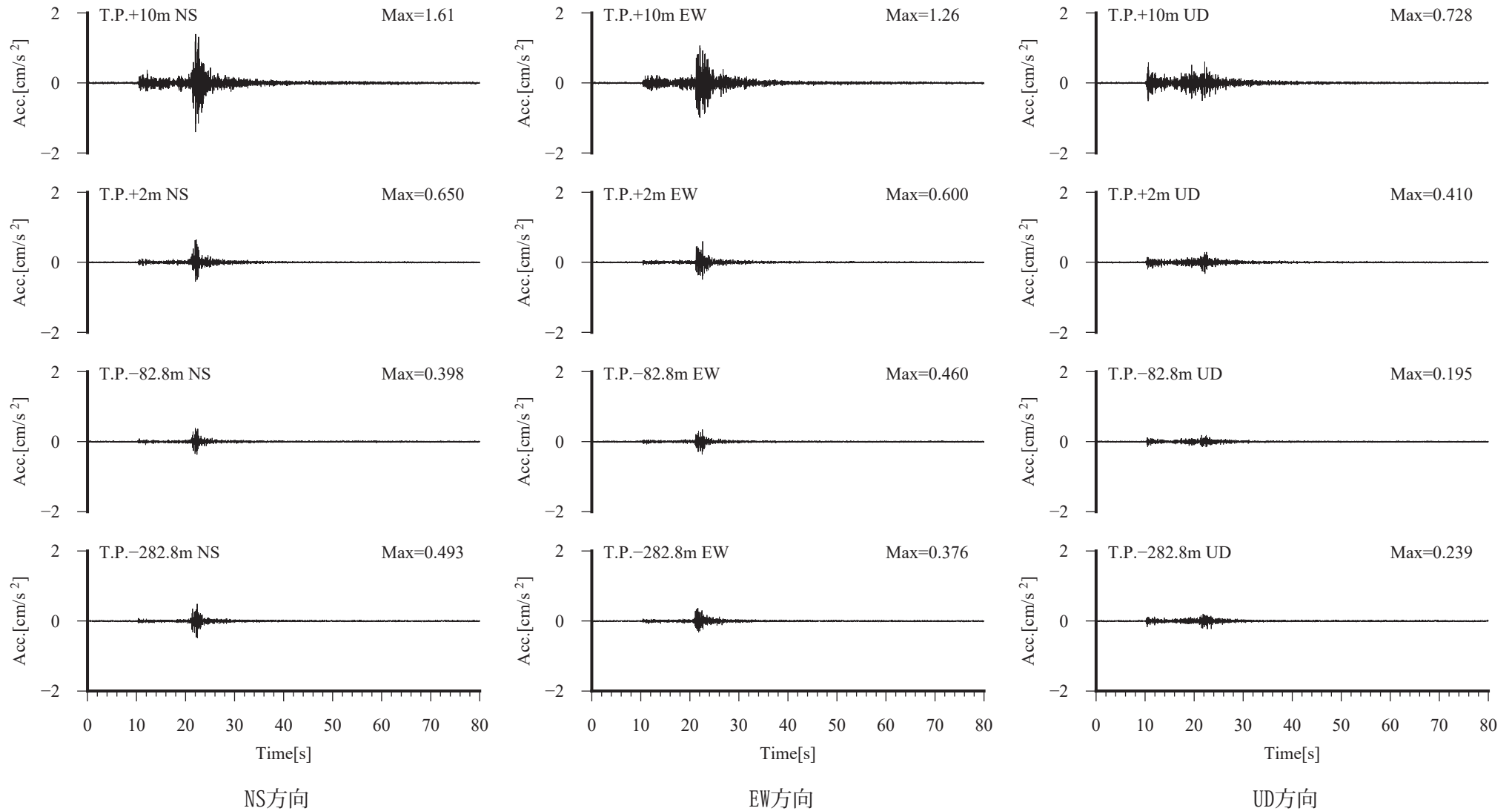
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1995/4/16 (0:14) M4.2, 深さ=86.11km, 震央距離=49km, 震源距離=99km



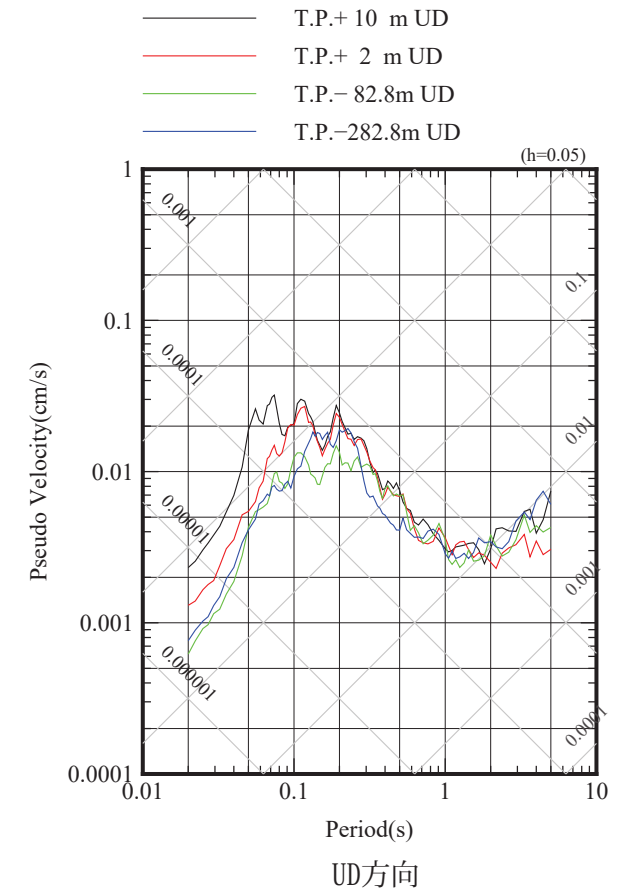
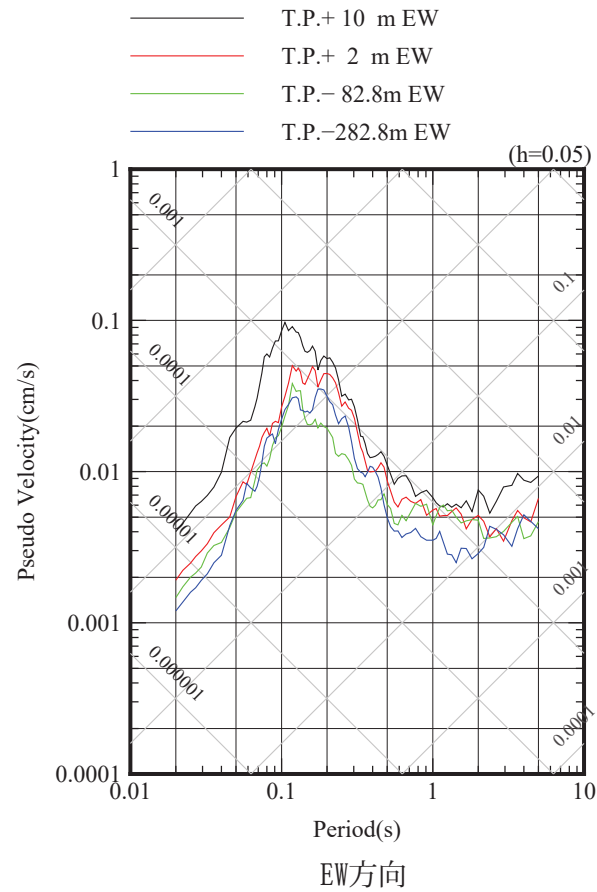
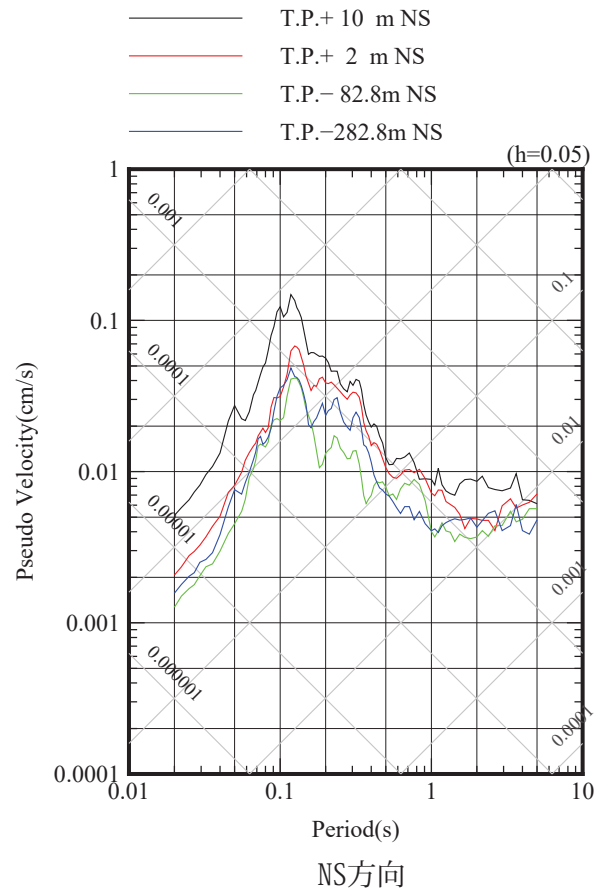
自由地盤 各種検討に用いた地震の擬似速度応答スペクトル

1995/4/16 (0:14) M4.2, 深さ=86.11km, 震央距離=49km, 震源距離=99km



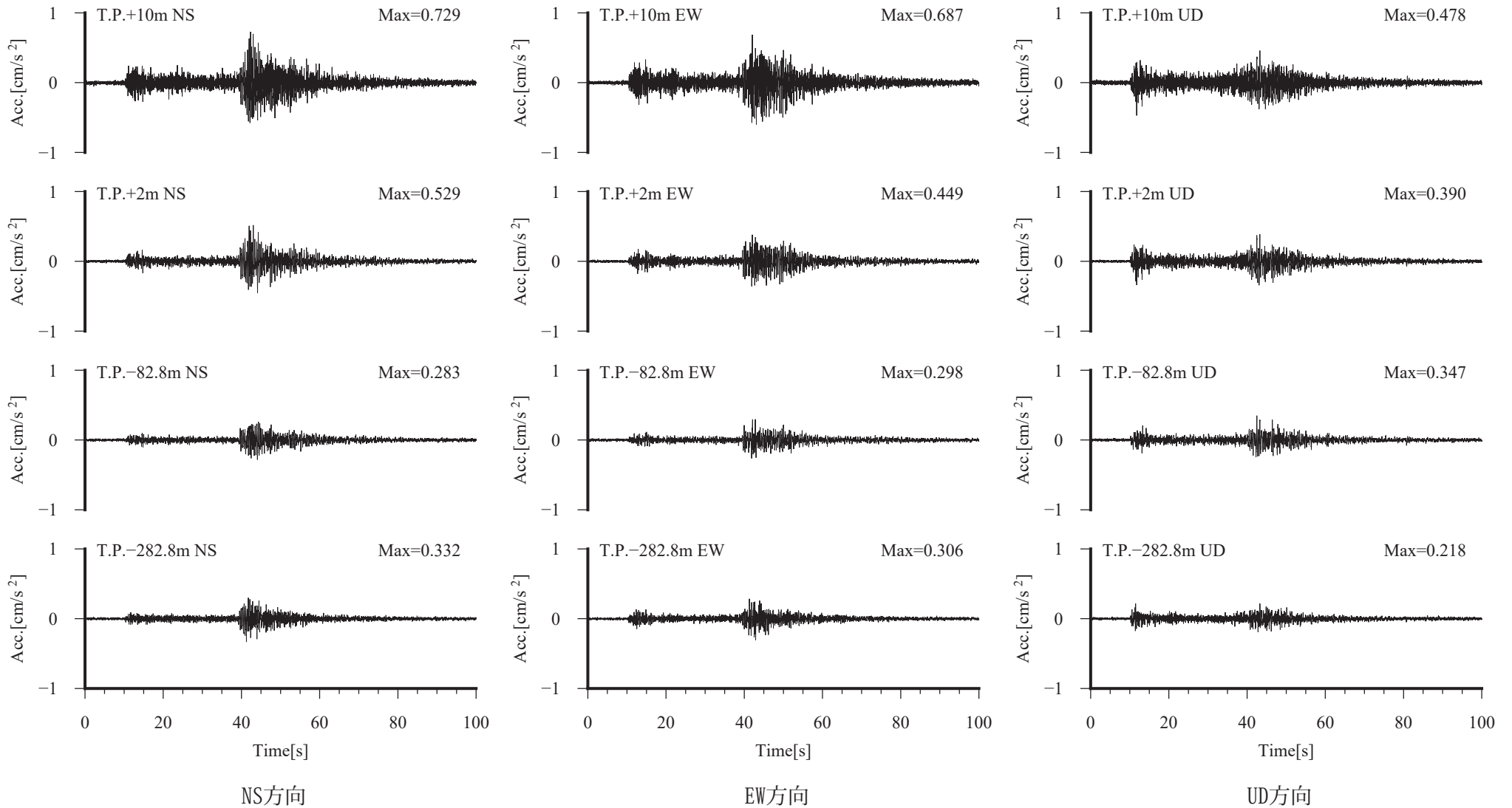
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1995/6/25 (10:12) M3.6, 深さ=94.93km, 震央距離=43km, 震源距離=104km



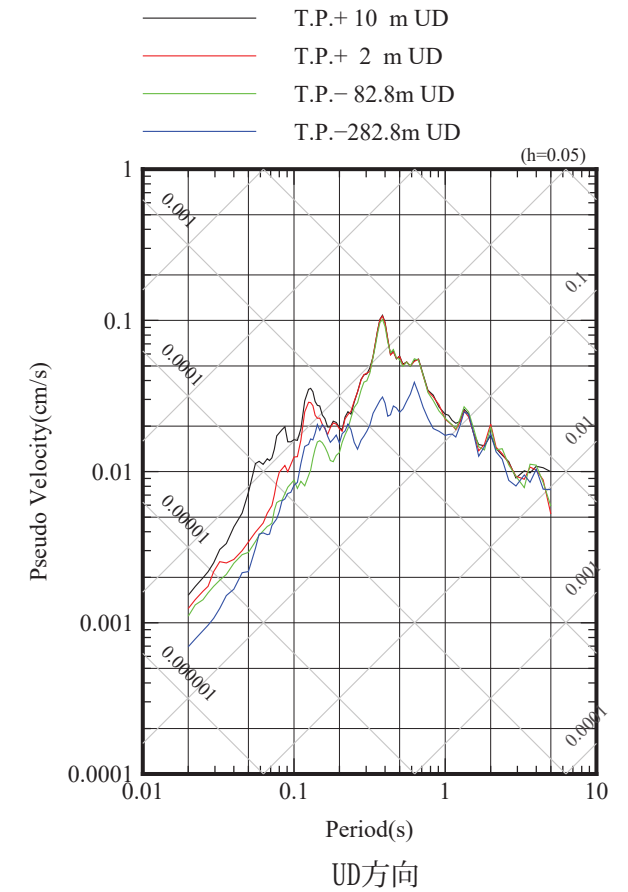
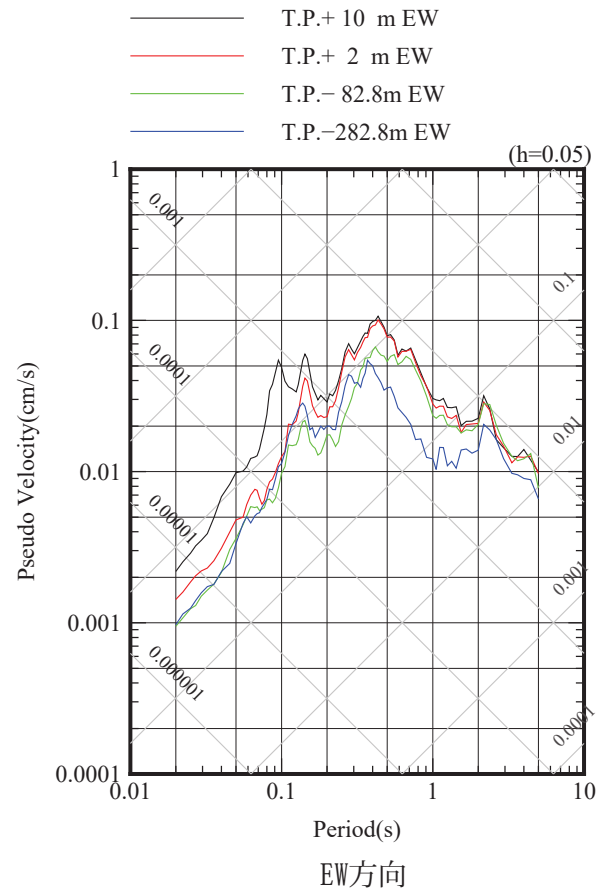
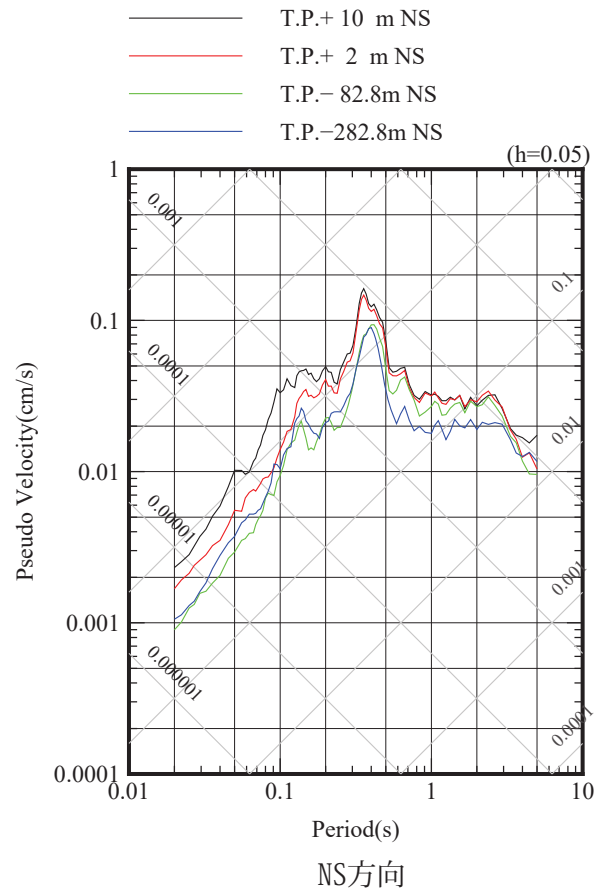
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/6/25 (10:12) M3.6, 深さ=94.93km, 震央距離=43km, 震源距離=104km



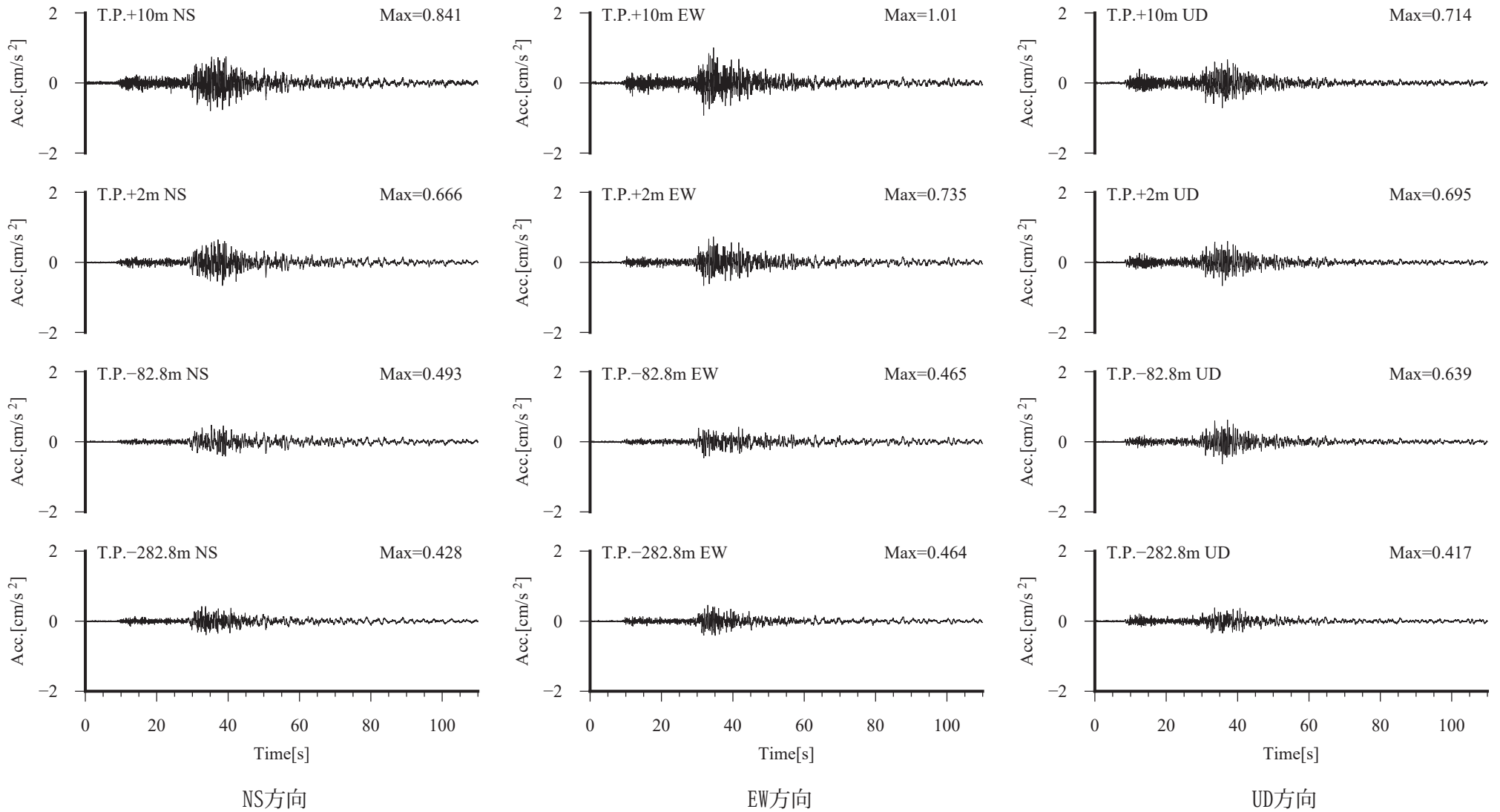
自由地盤 検討に用いた地震の加速度時刻歴波形

1995/9/16 (8:52) M5.2, 深さ=109.71km, 震央距離=287km, 震源距離=307km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

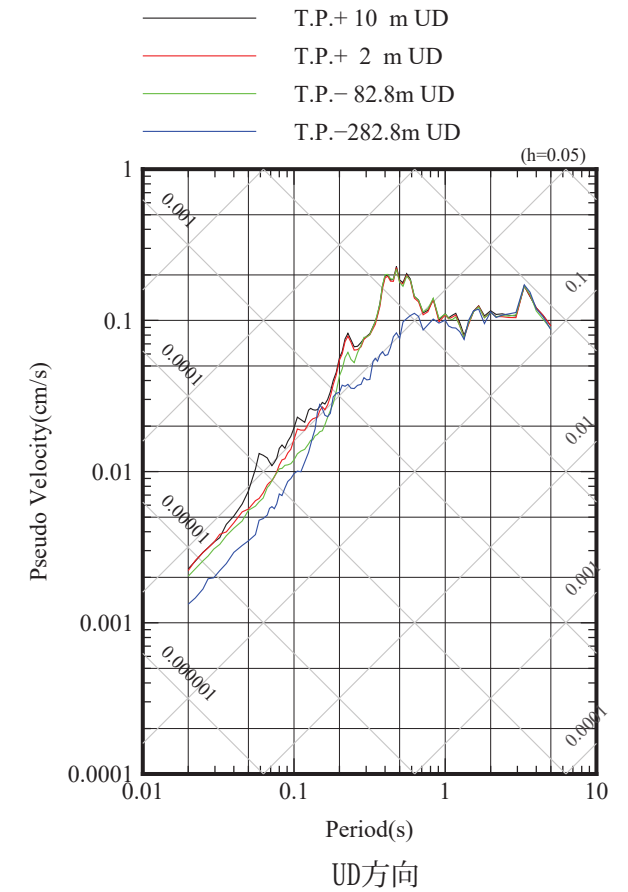
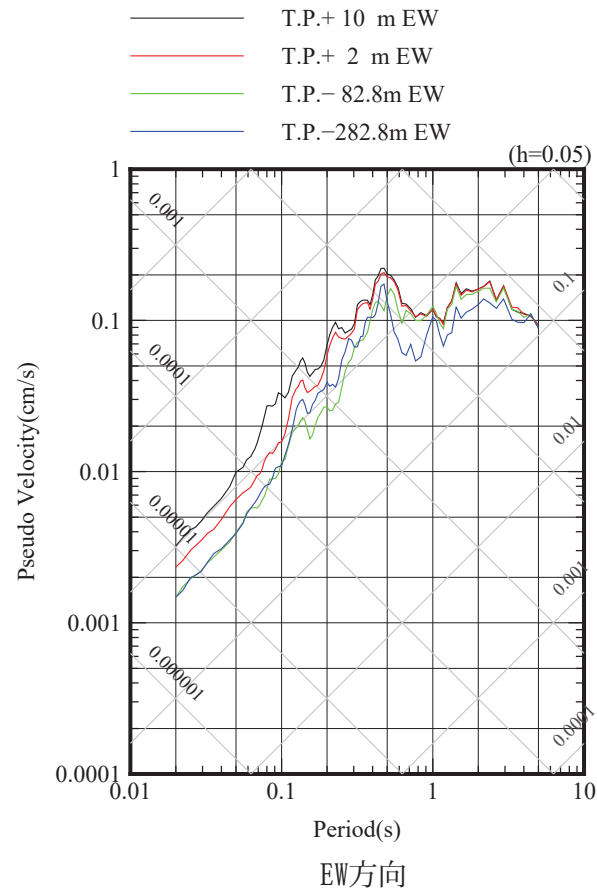
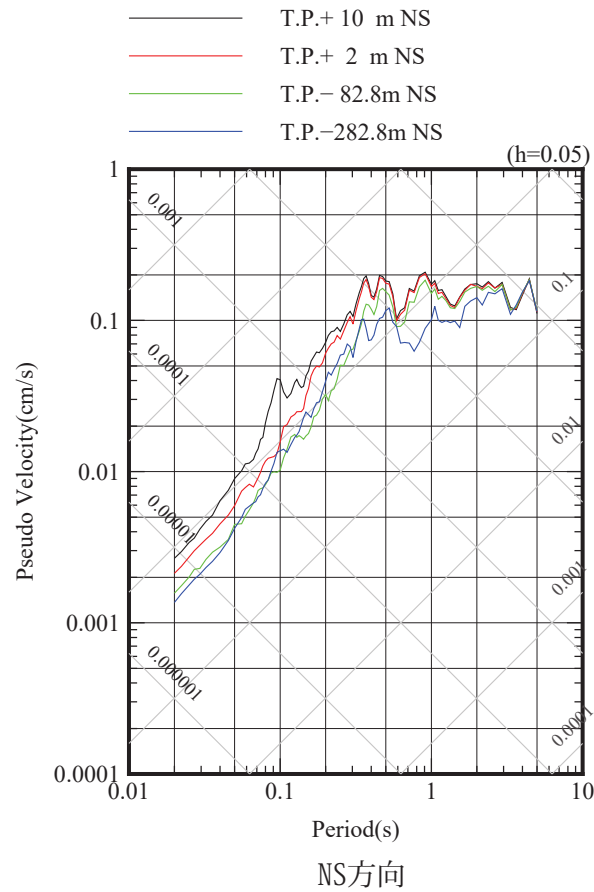
1995/9/16 (8:52) M5.2, 深さ=109.71km, 震央距離=287km, 震源距離=307km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

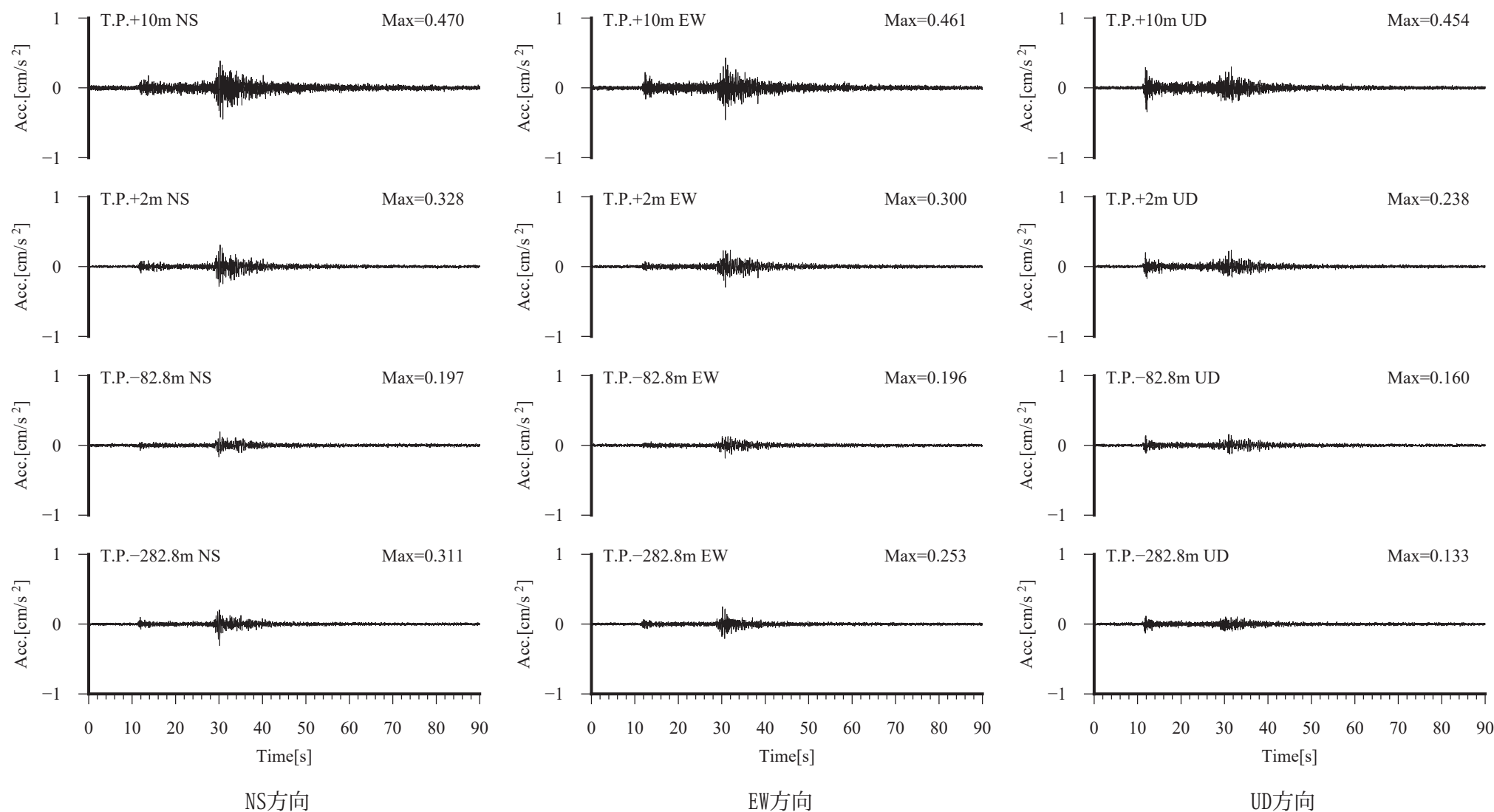
1995/9/26 (16:14) M5.9, 深さ= 38 km, 震央距離=185km, 震源距離=188km





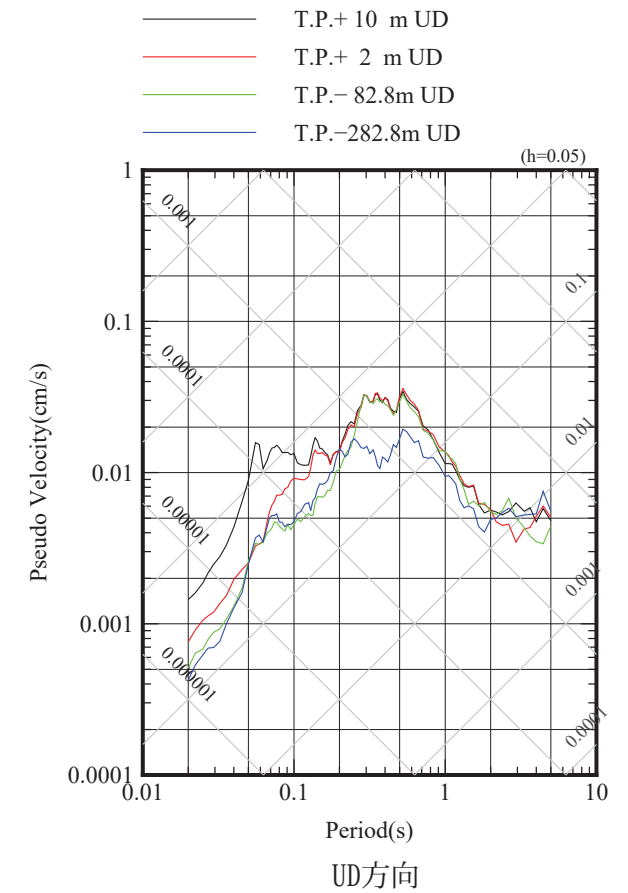
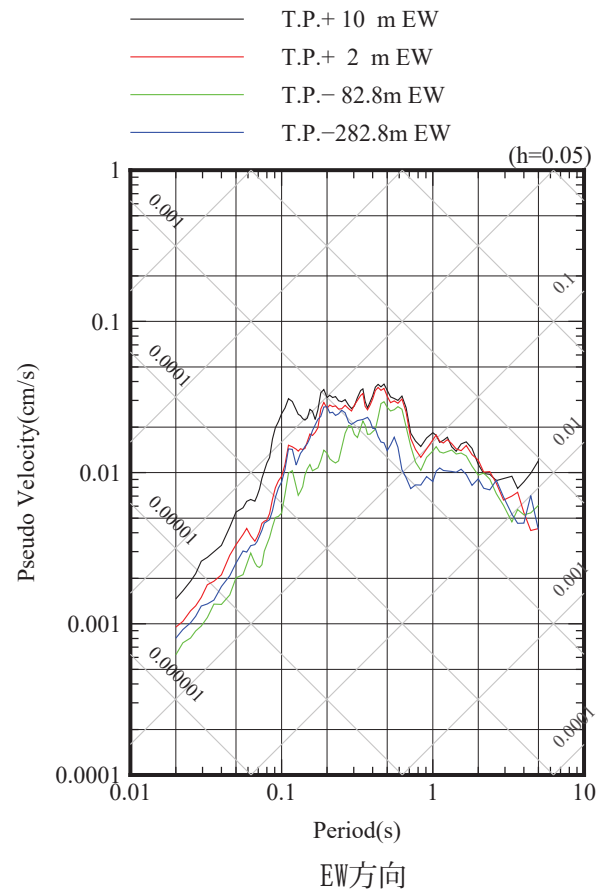
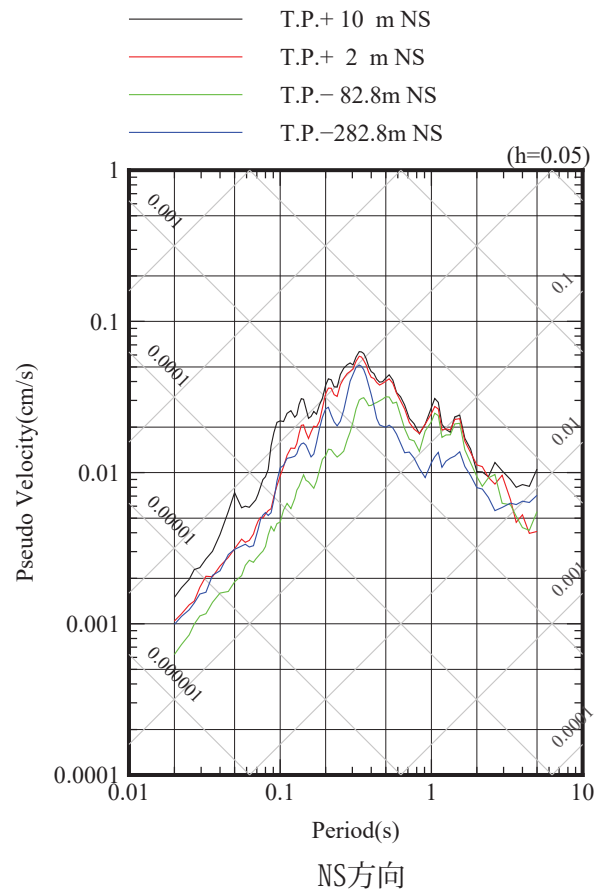
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/9/26 (16:14) M5.9, 深さ= 38 km, 震央距離=185km, 震源距離=188km



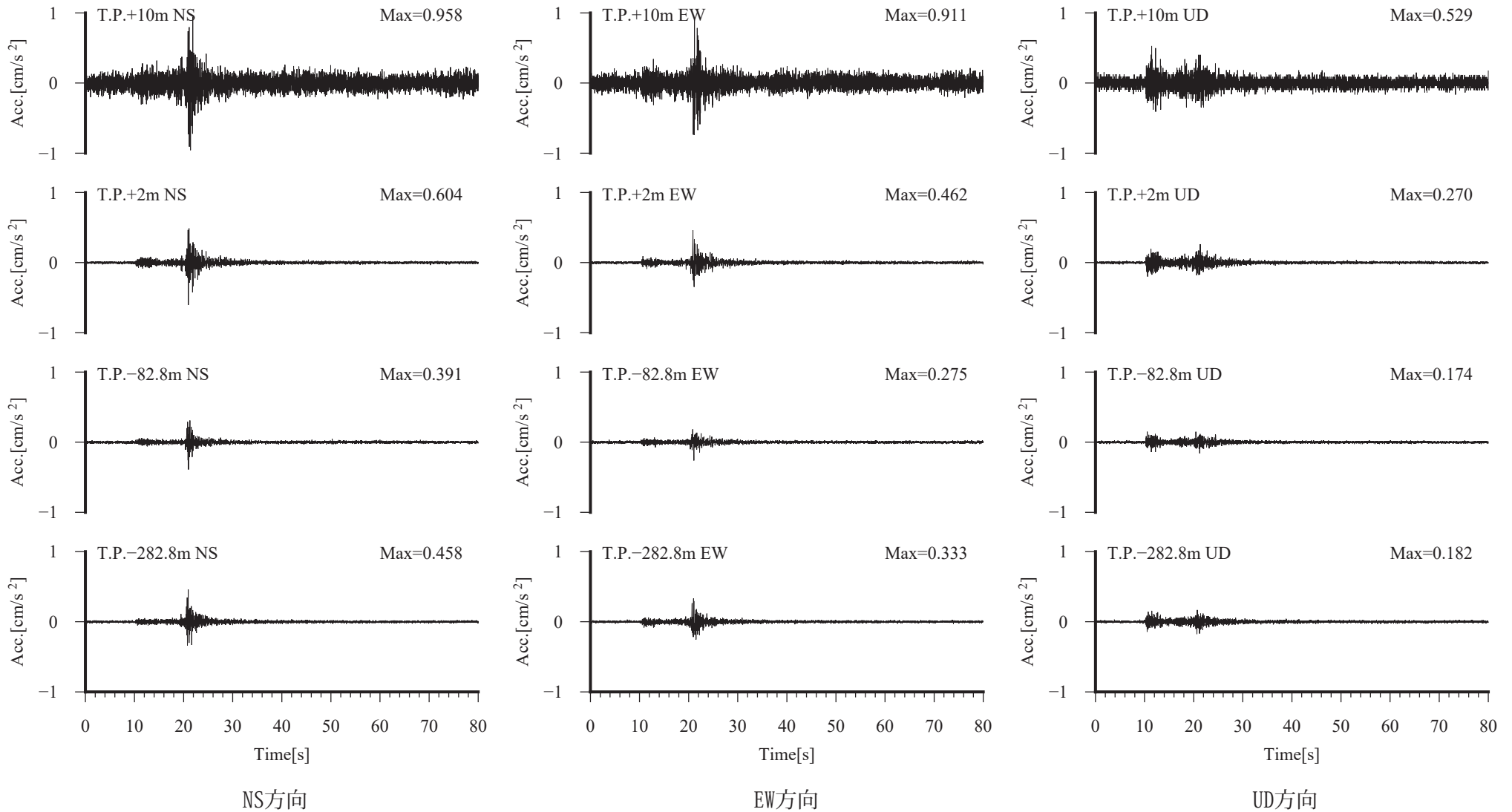
自由地盤 検討に用いた地震の加速度時刻歴波形

1995/11/26 (4:36) M4.3, 深さ=103.8km, 震央距離=145km, 震源距離=178km



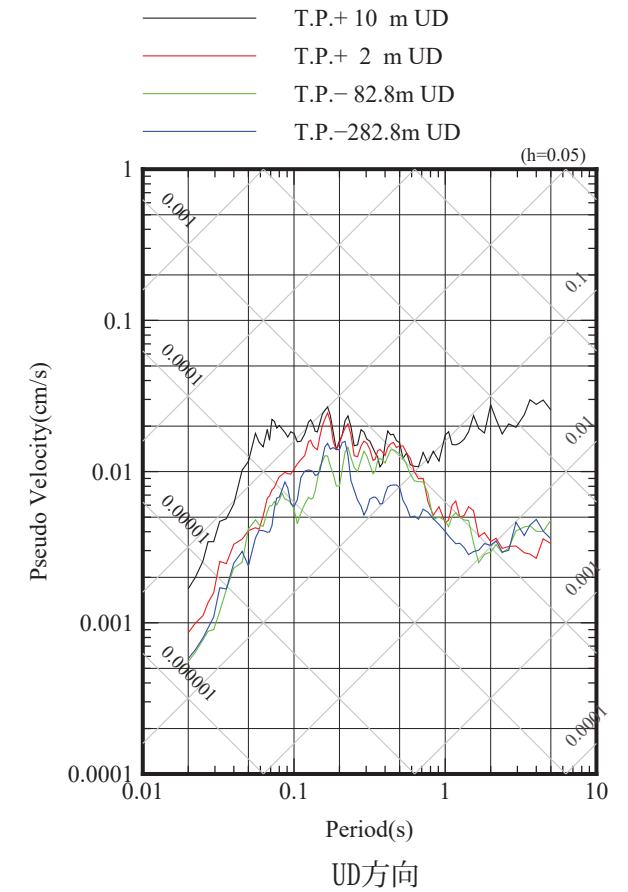
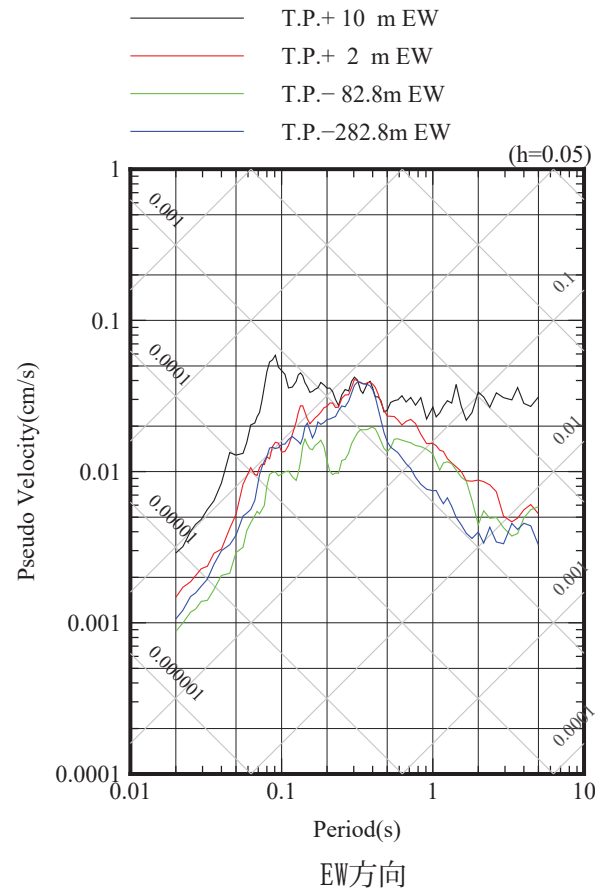
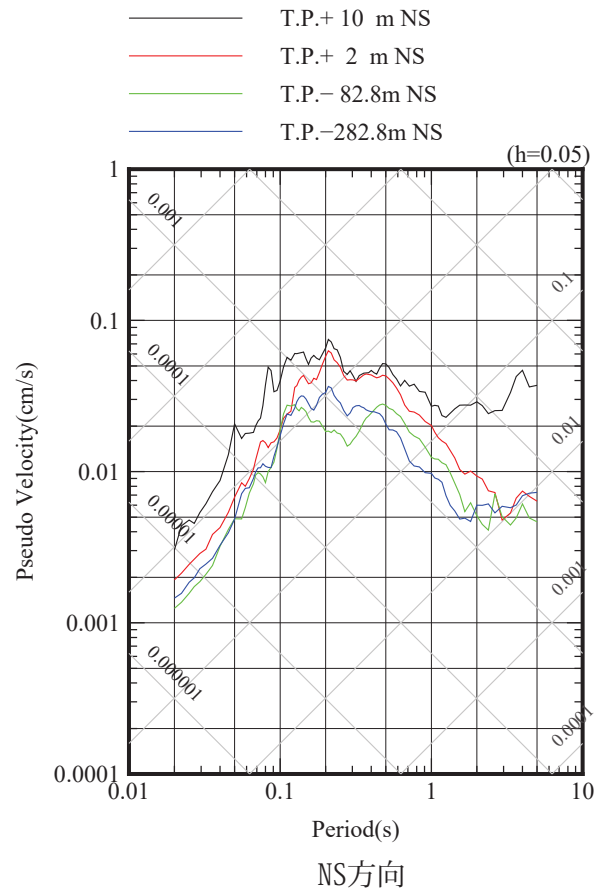
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/11/26 (4:36) M4.3, 深さ=103.8km, 震央距離=145km, 震源距離=178km



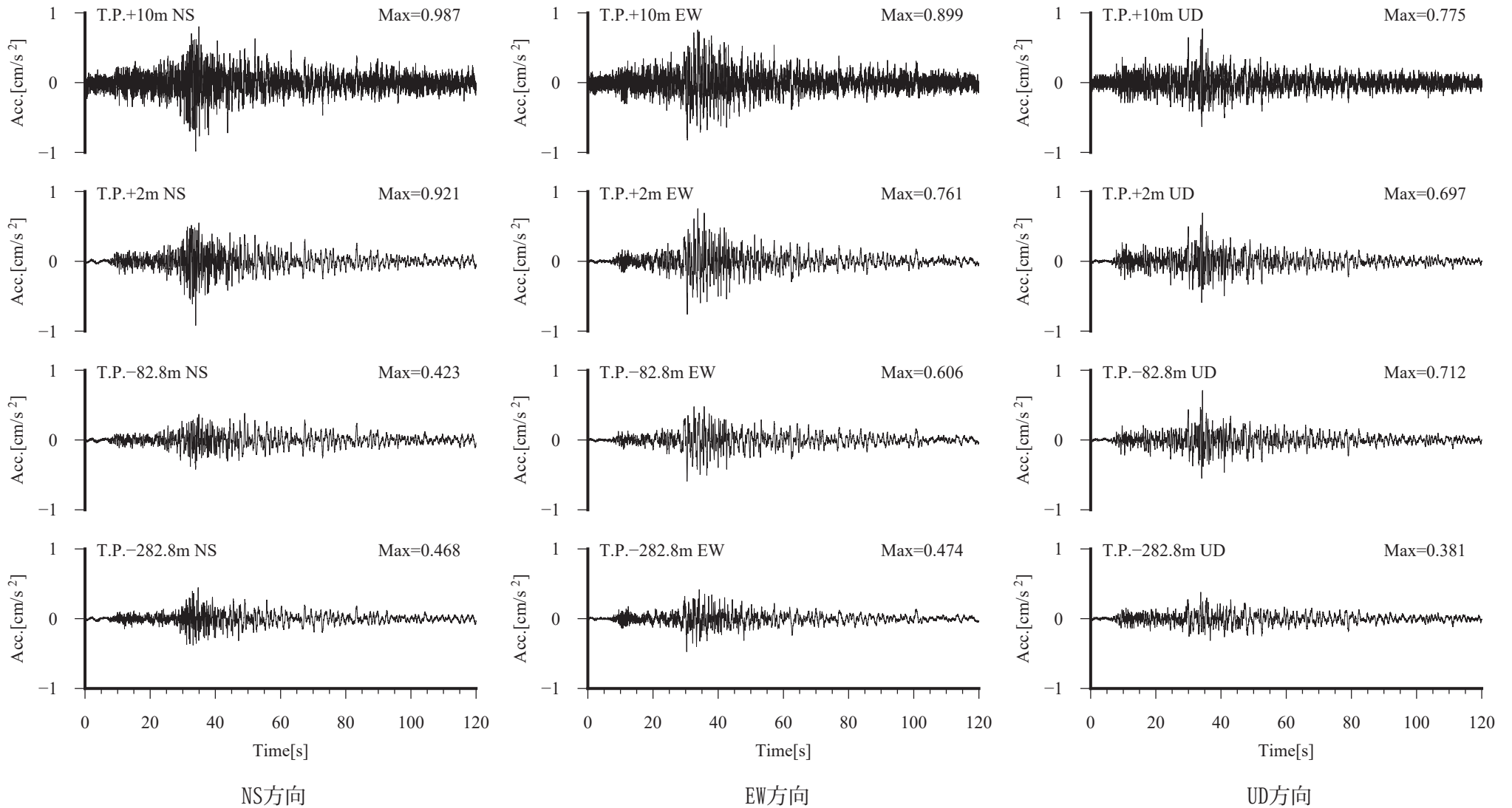
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1995/12/30 (3:17) M3.6, 深さ=91.75km, 震央距離=21km, 震源距離=94km



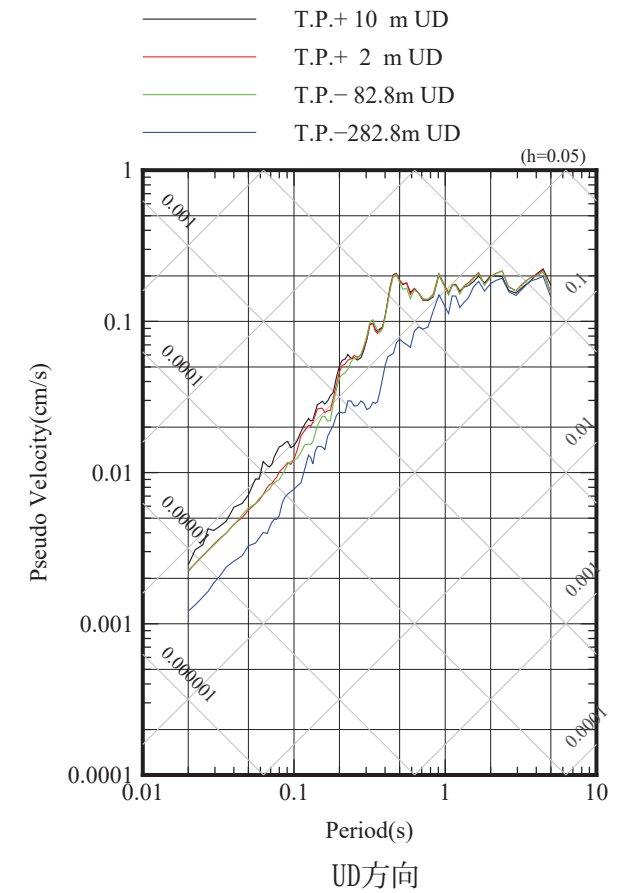
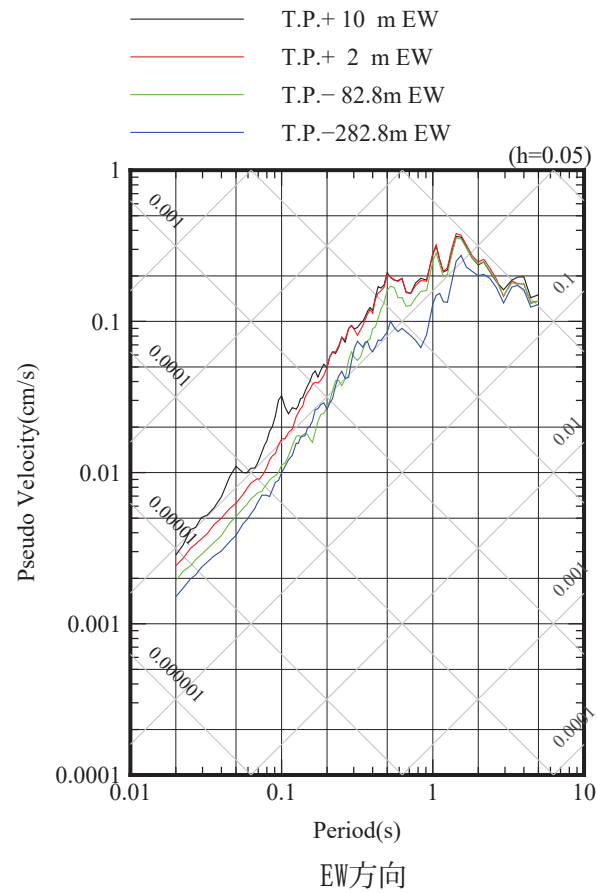
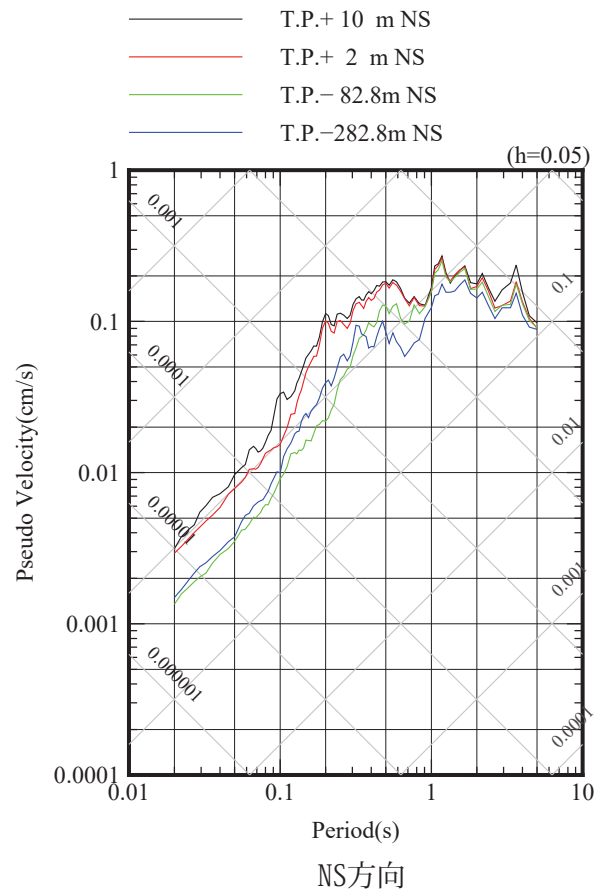
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/12/30 (3:17) M3.6, 深さ=91.75km, 震央距離=21km, 震源距離=94km



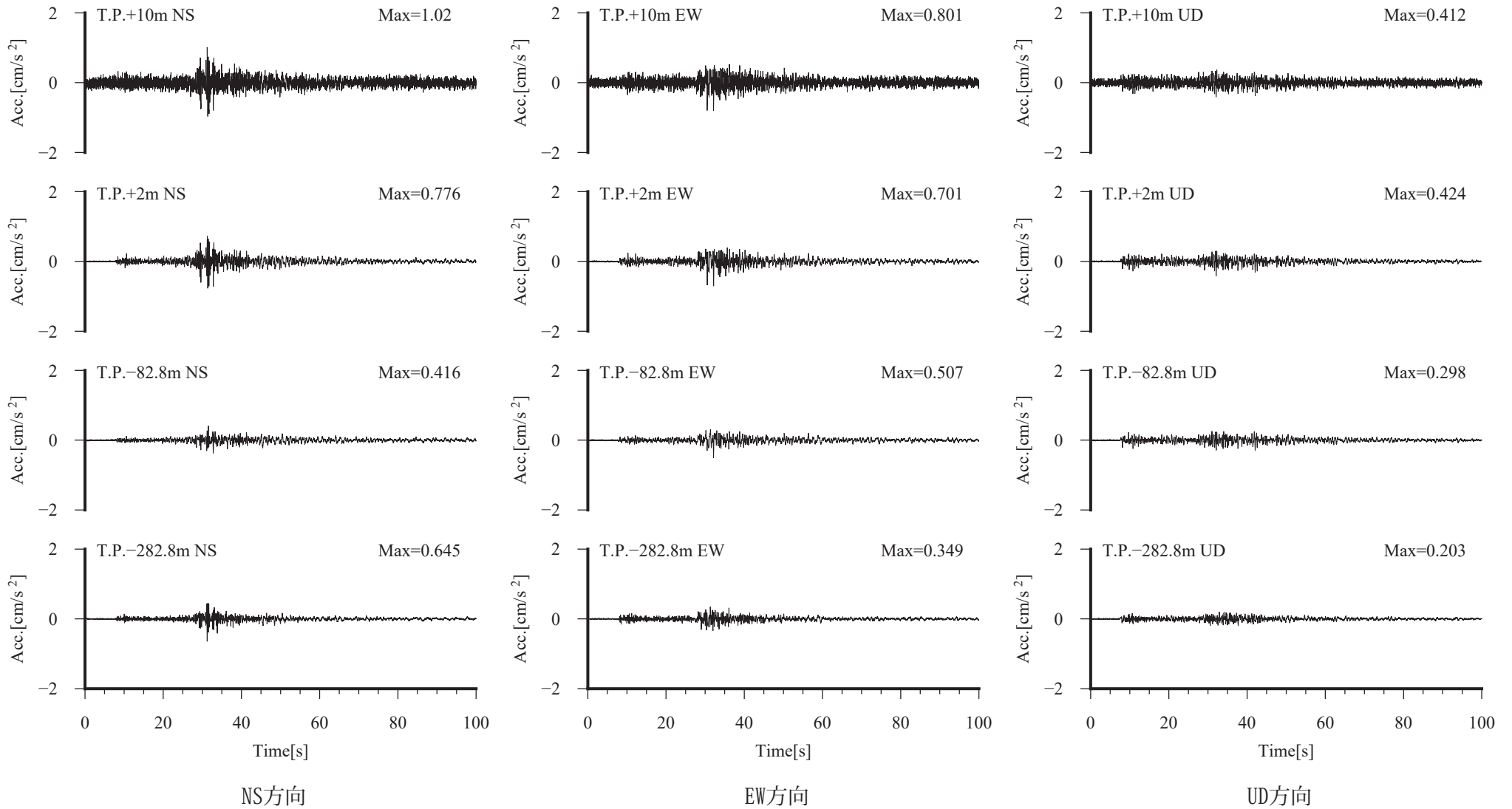
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1995/12/30 (21:17) M6.2, 深さ=0km, 震央距離=189km, 震源距離=189km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

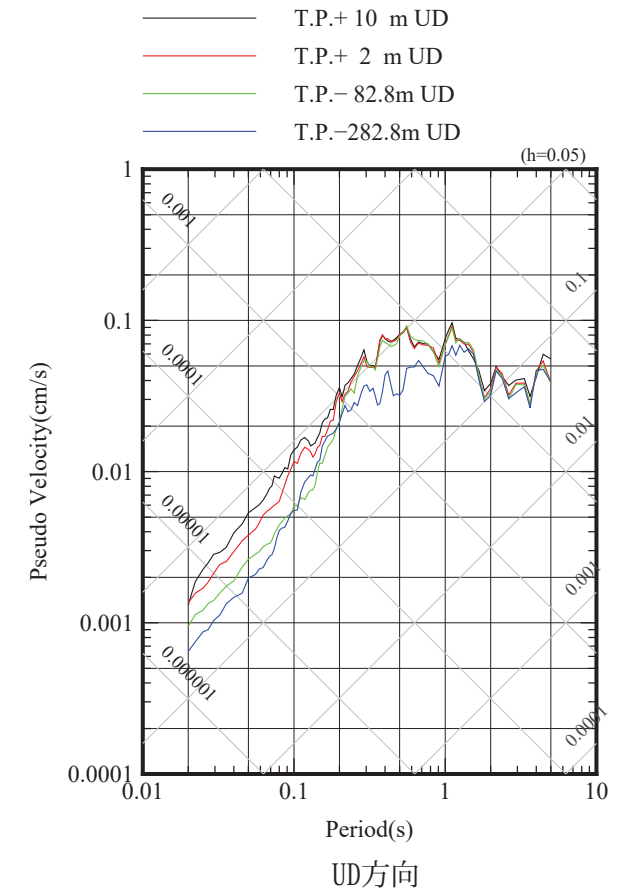
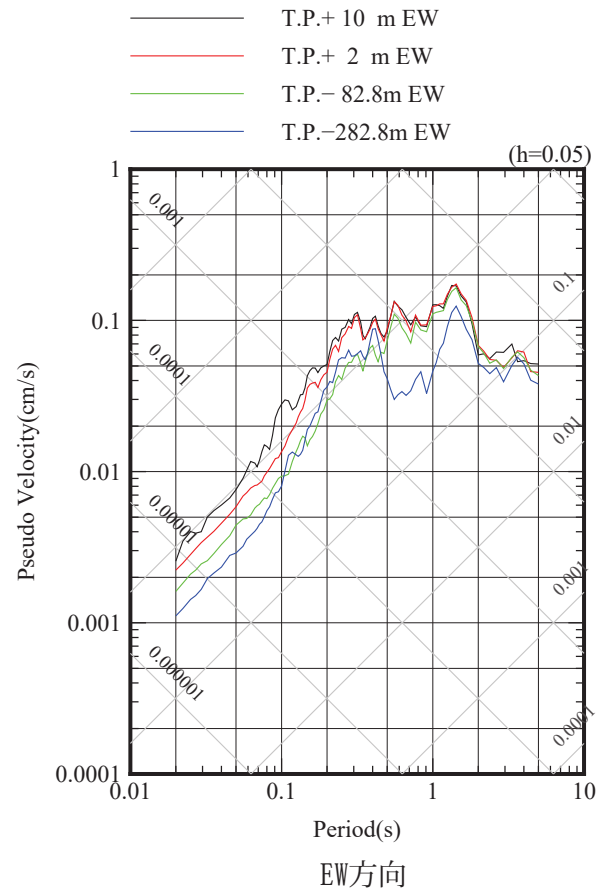
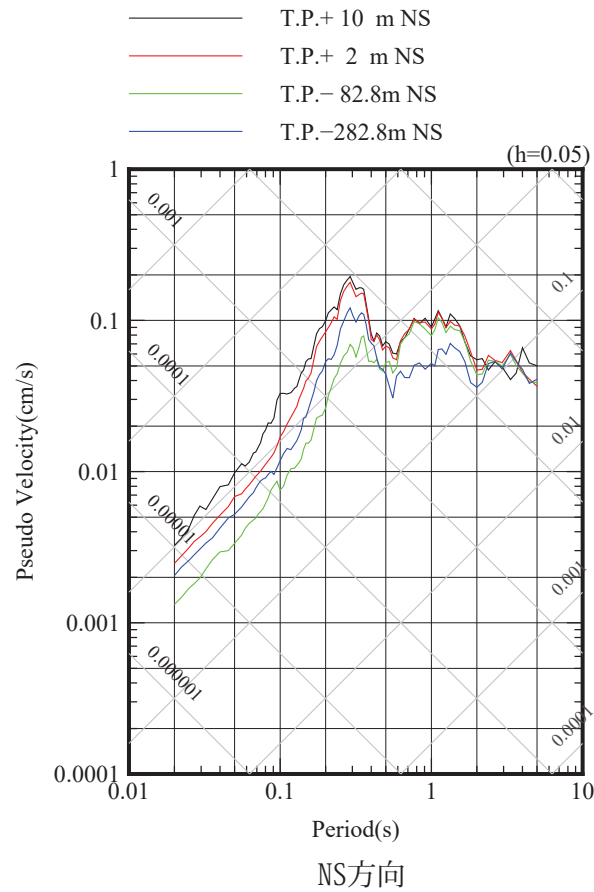
1995/12/30 (21:17) M6.2, 深さ=0km, 震央距離=189km, 震源距離=189km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

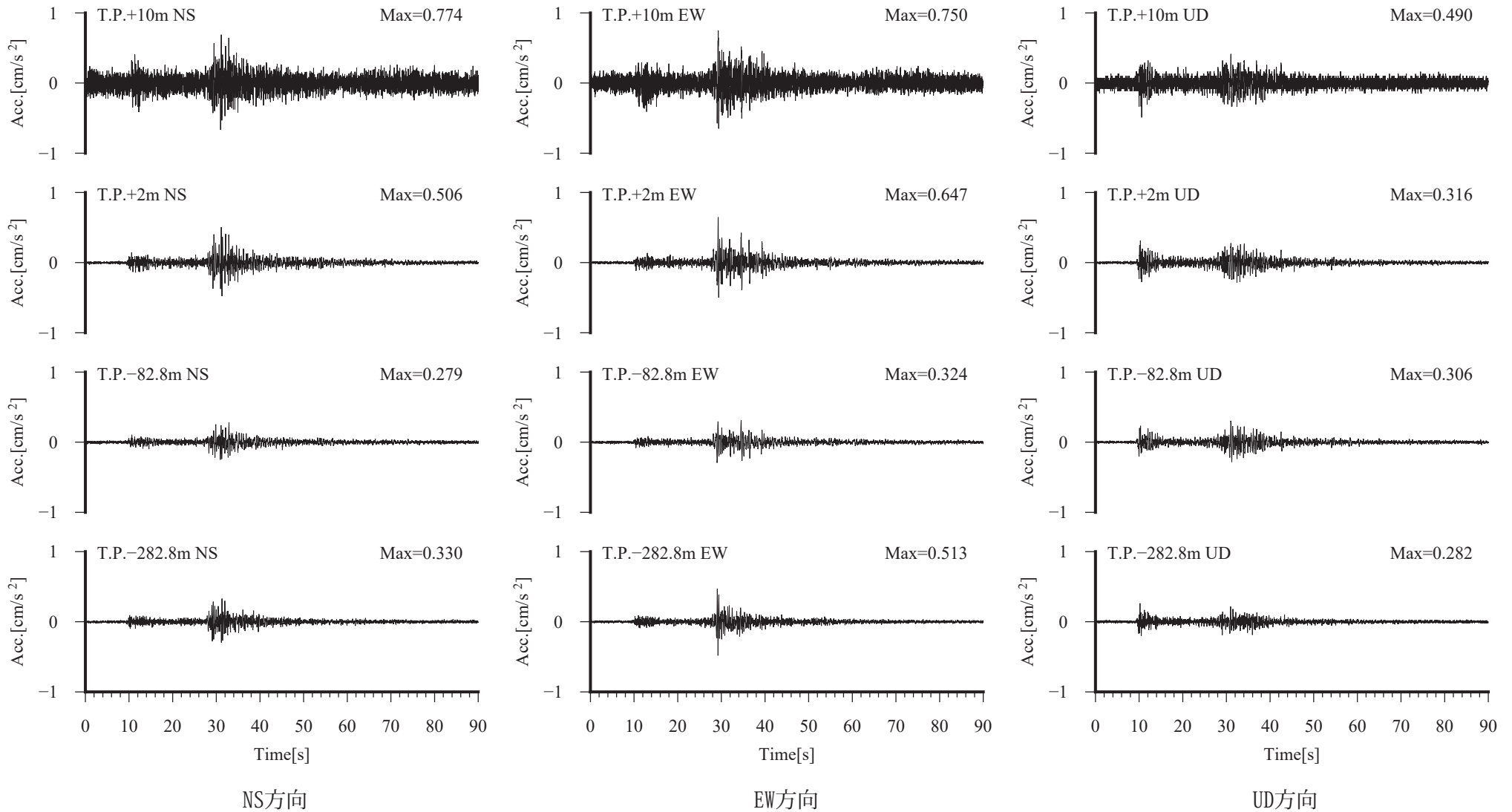
1995/12/31 (5:45) M5.6, 深さ=2.95km, 震央距離=189km, 震源距離=189km





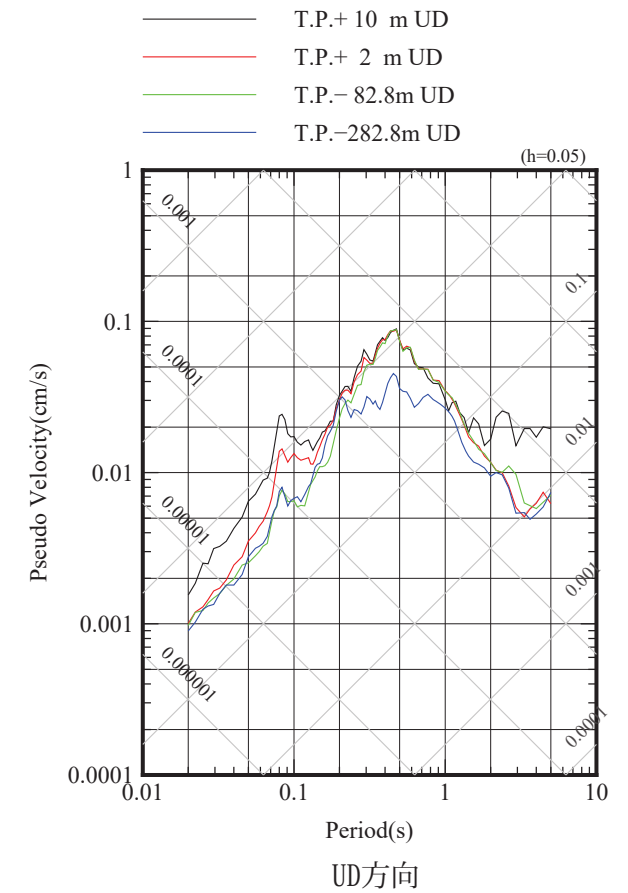
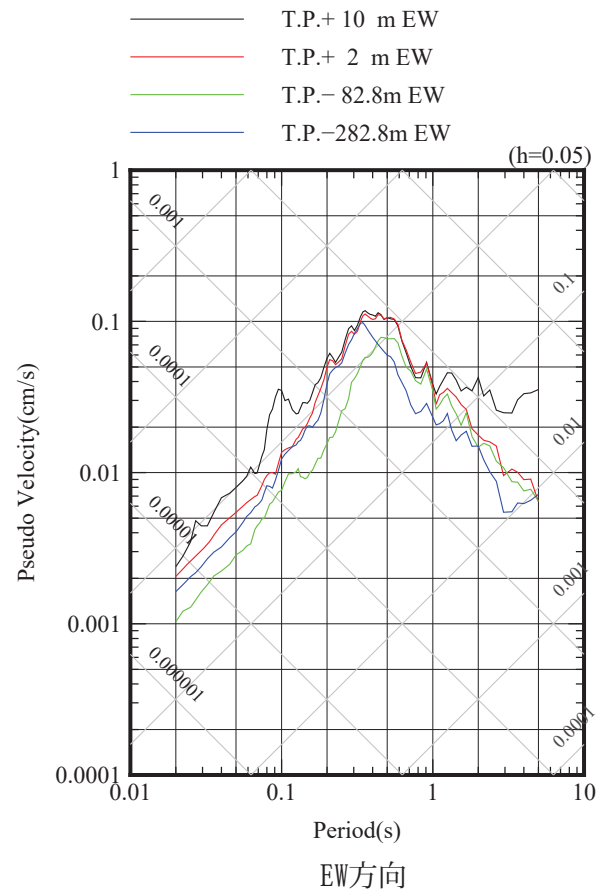
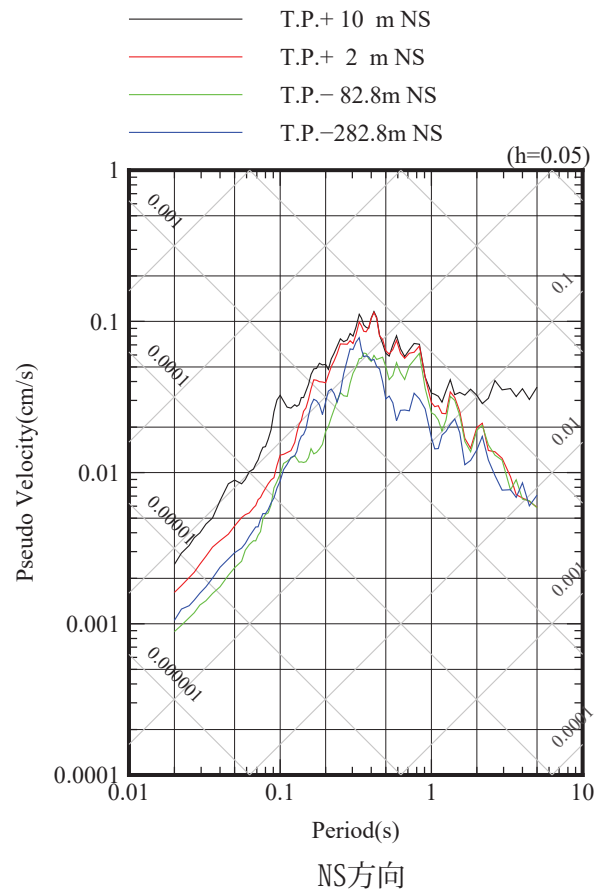
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1995/12/31 (5:45) M5.6, 深さ=2.95km, 震央距離=189km, 震源距離=189km



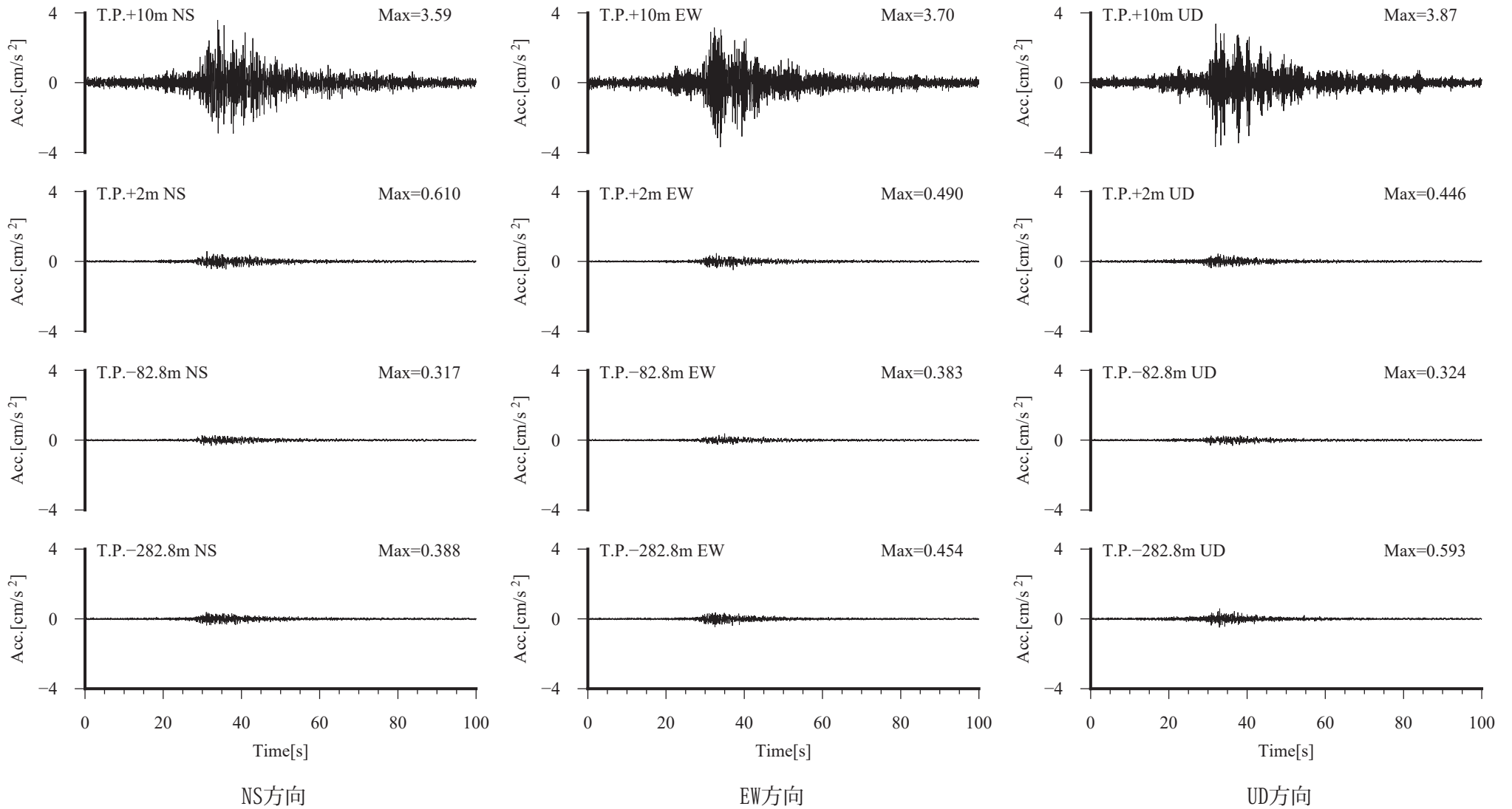
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1996/1/2 (19:55) M4.8, 深さ=92.7km, 震央距離=154km, 震源距離=179km



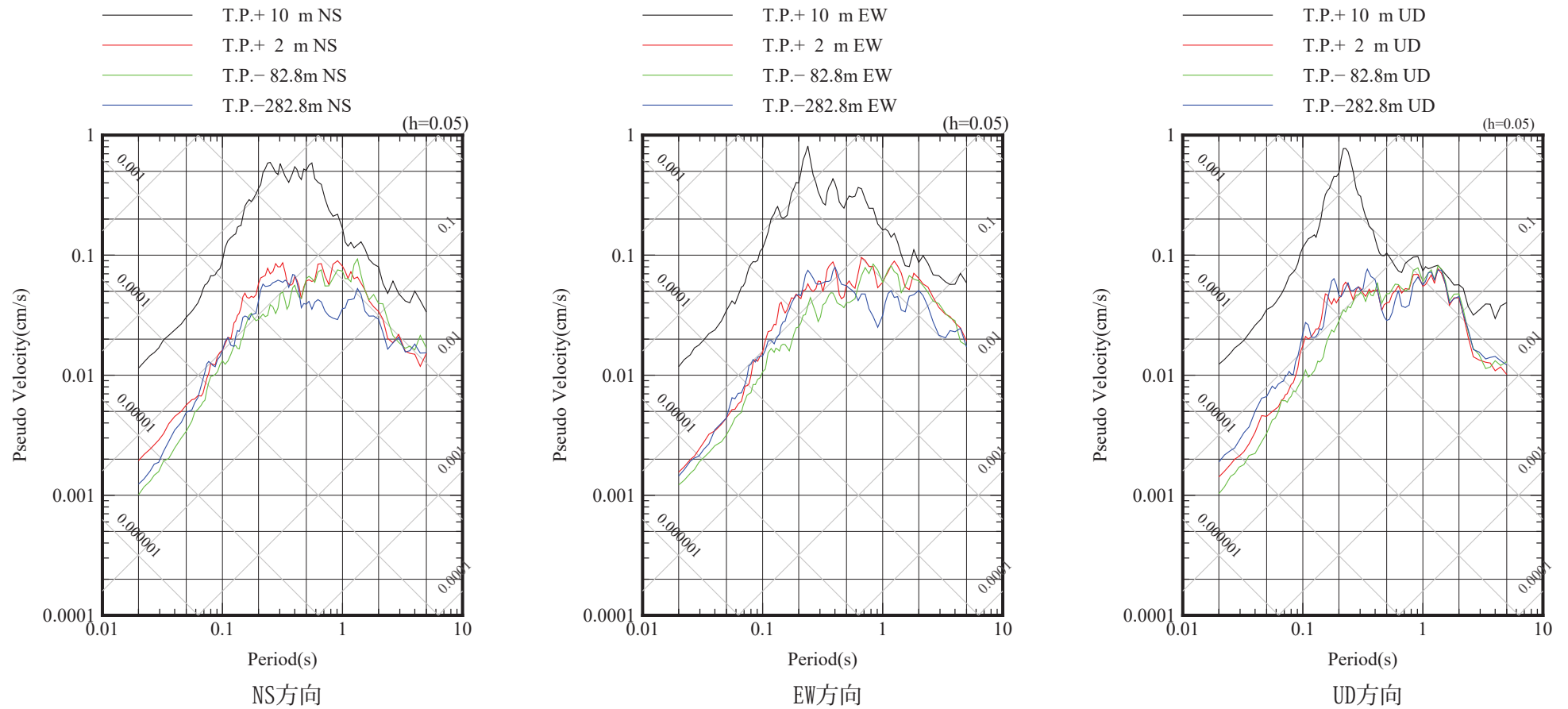
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1996/1/2 (19:55) M4.8, 深さ=92.7km, 震央距離=154km, 震源距離=179km



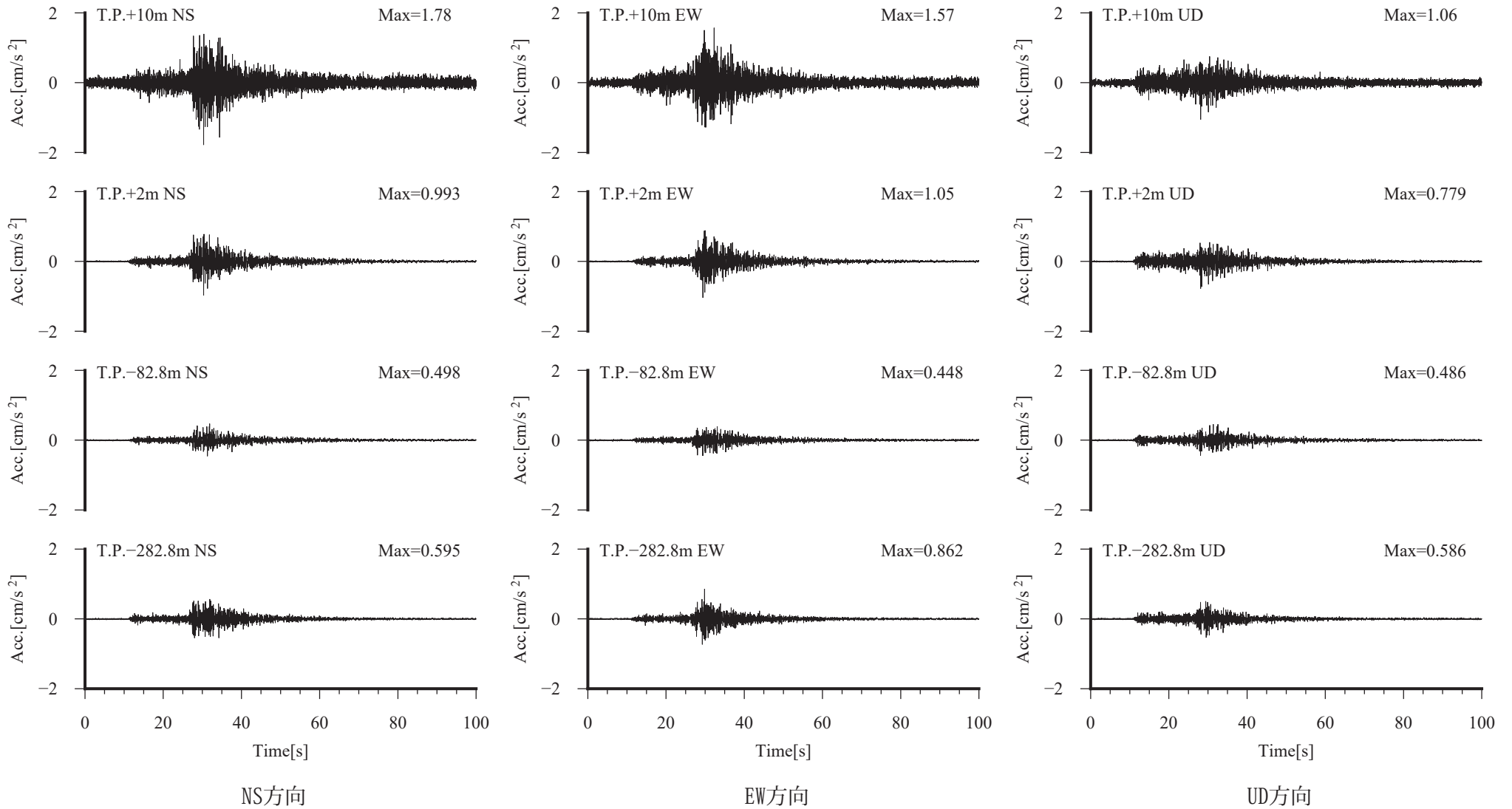
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1996/2/23 (0:0) M<sub>1</sub>，深さ=2.72km，震央距離=231km，震源距離=231km



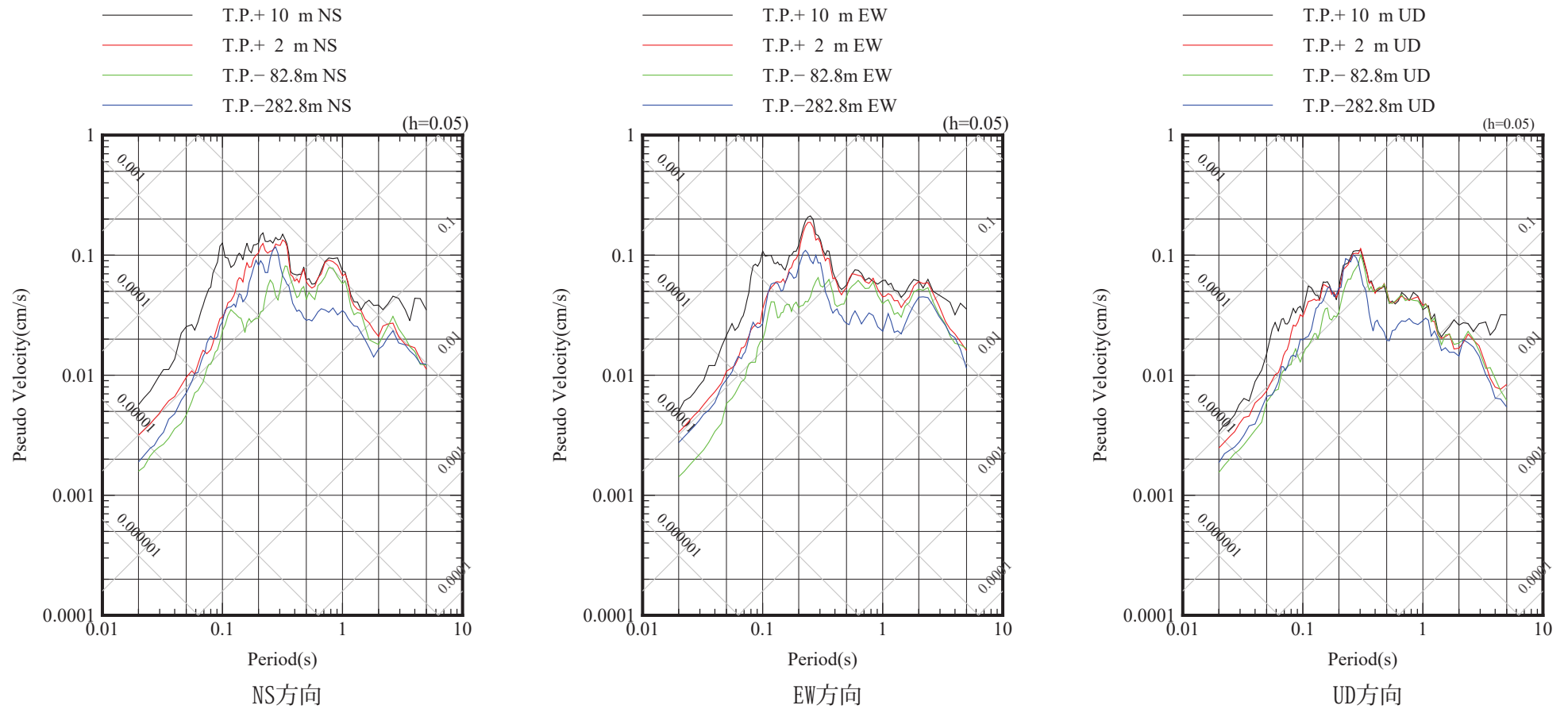
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1996/2/23 (0:0) M<sub>1</sub>，深さ=2.72km，震央距離=231km，震源距離=231km



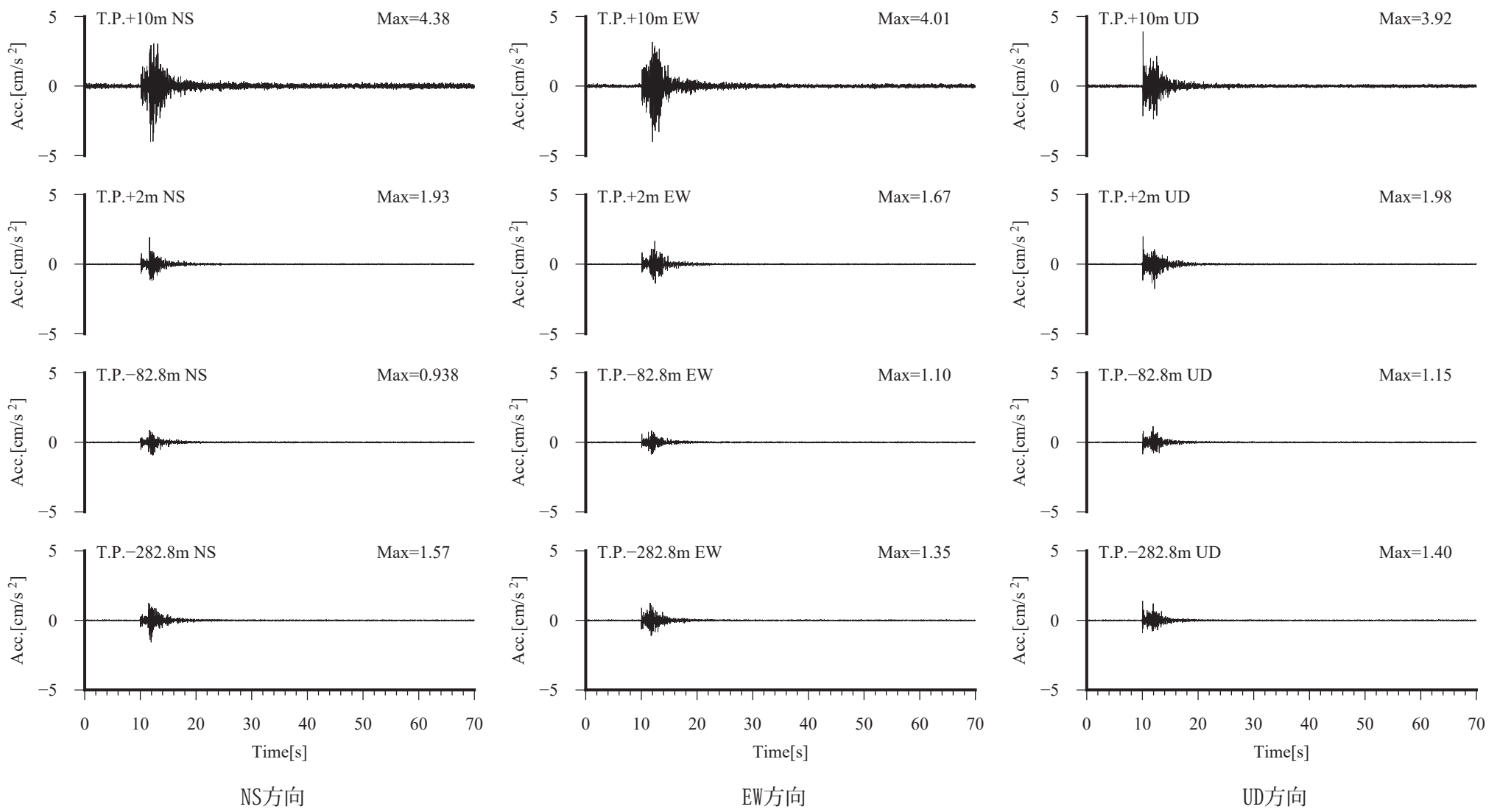
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1996/4/15 (6:44) M4.9, 深さ=65.72km, 震央距離=131km, 震源距離=147km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

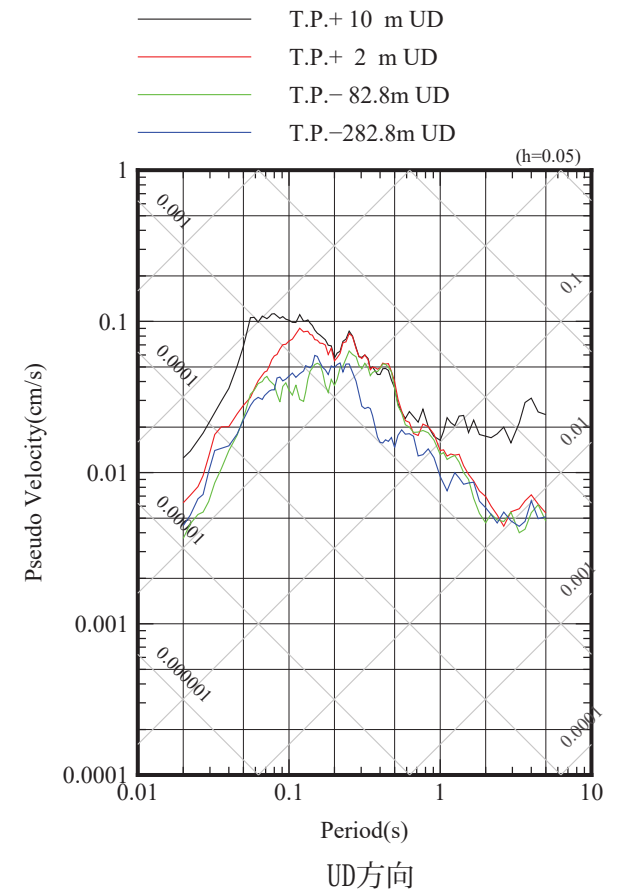
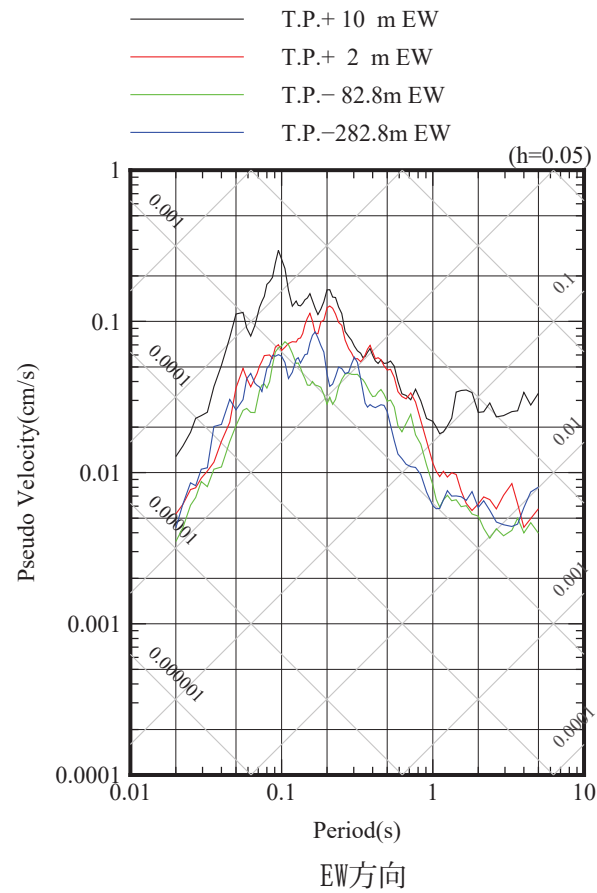
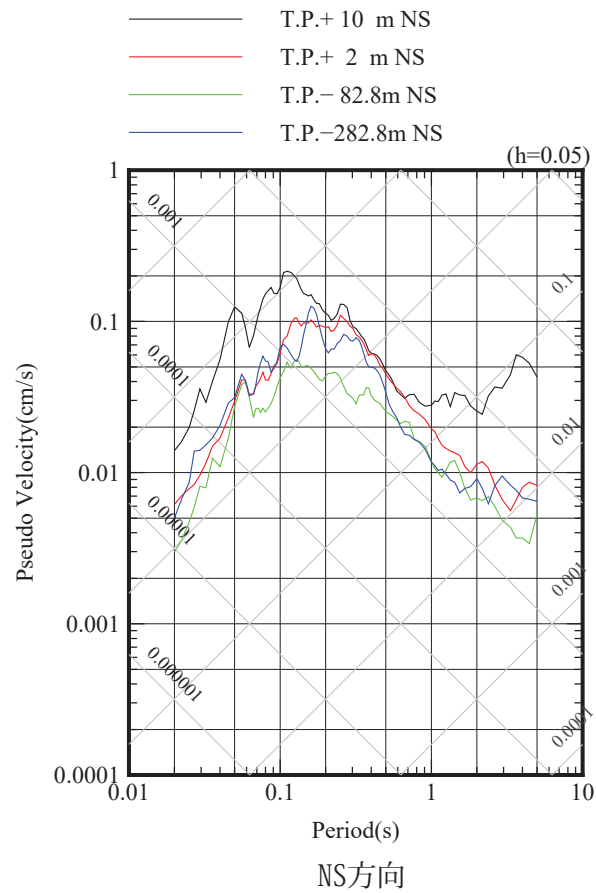
1996/4/15 (6:44) M4.9, 深さ=65.72km, 震央距離=131km, 震源距離=147km



自由地盤 検討に用いた地震の加速度時刻歴波形

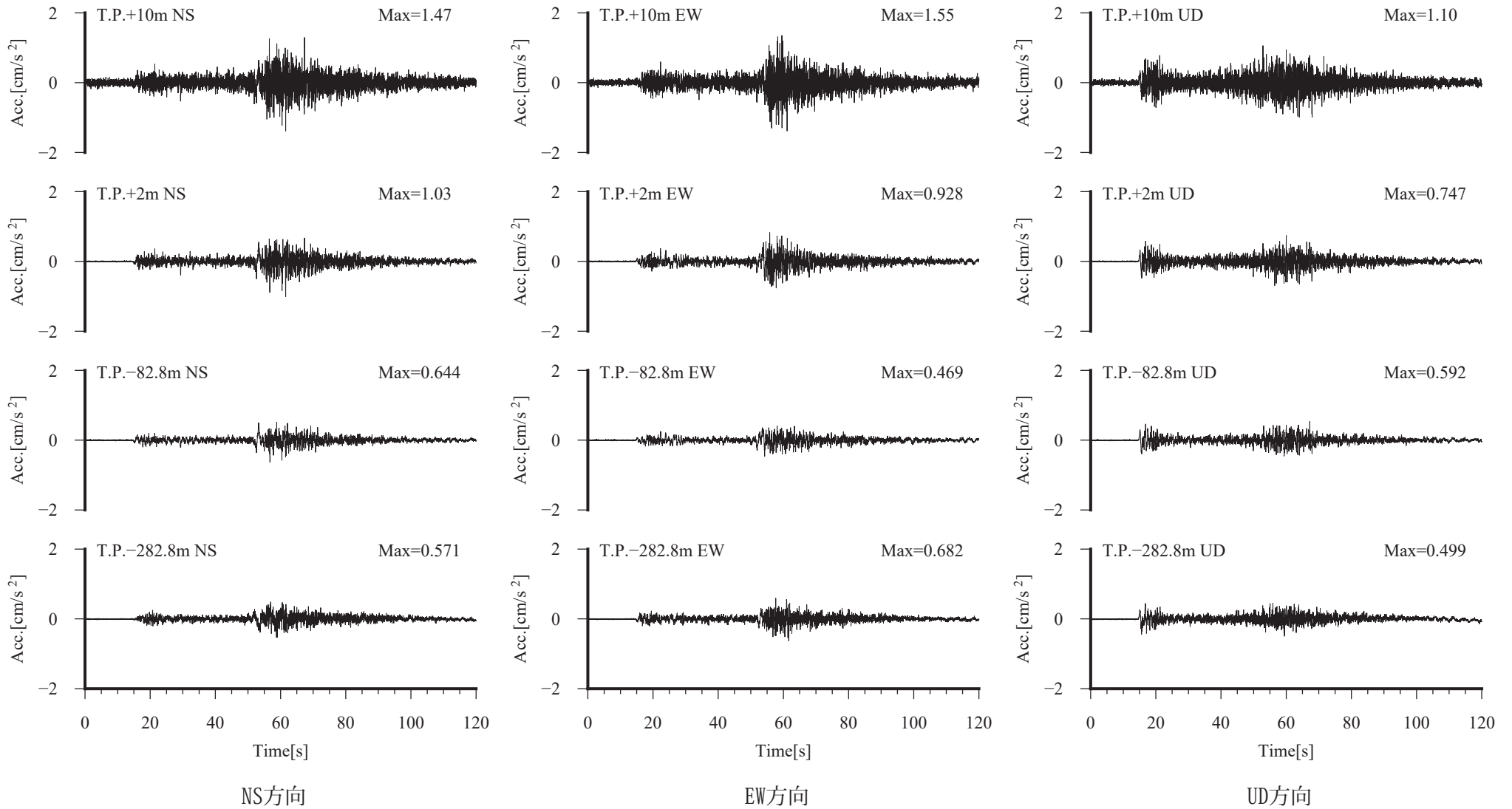
1996/4/24 (9:18) M3.3, 深さ=11.8km, 震央距離=9km, 震源距離=15km





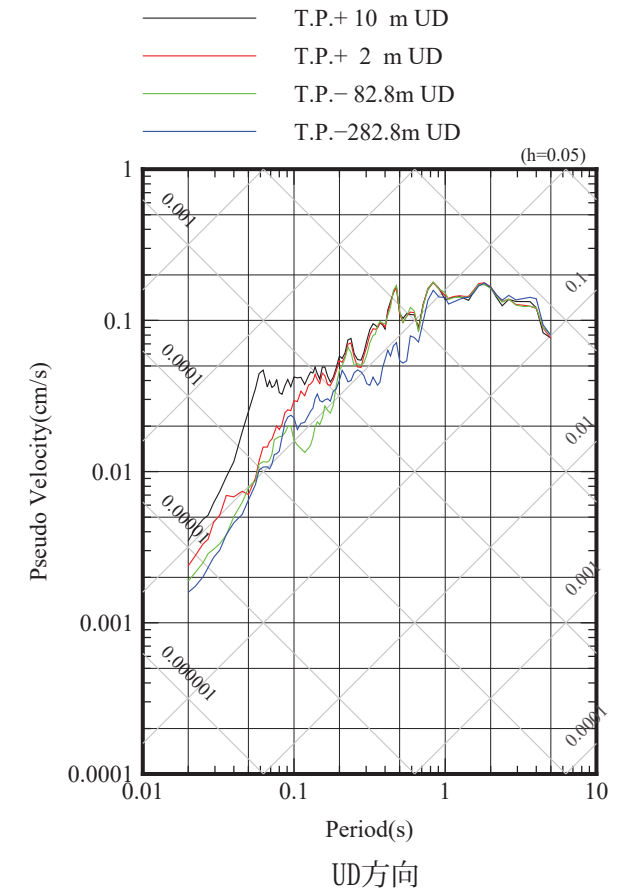
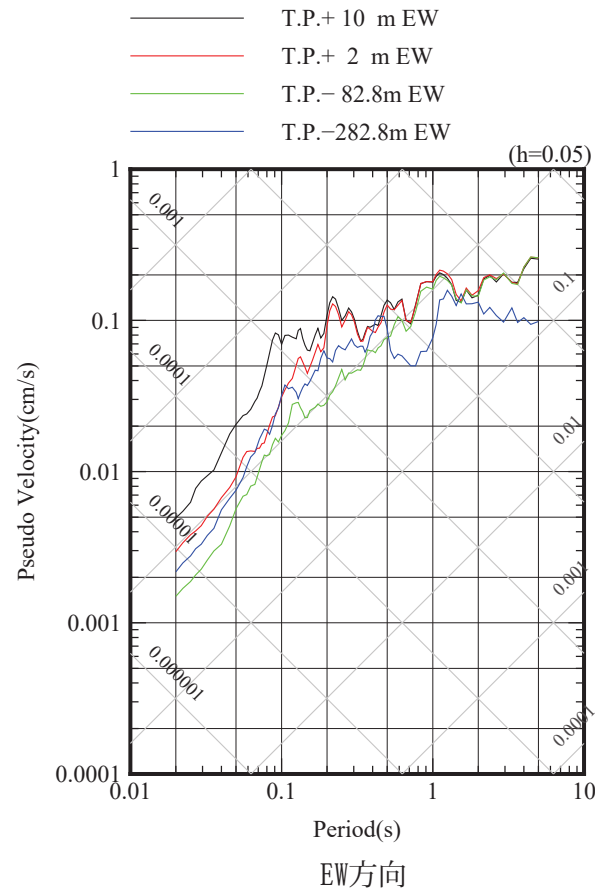
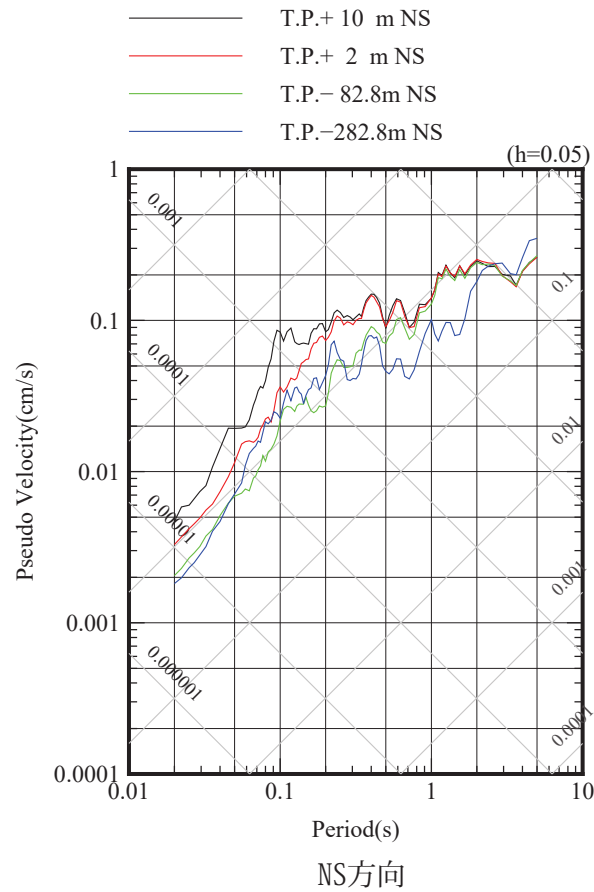
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1996/4/24 (9:18) M3.3, 深さ=11.8km, 震央距離=9km, 震源距離=15km



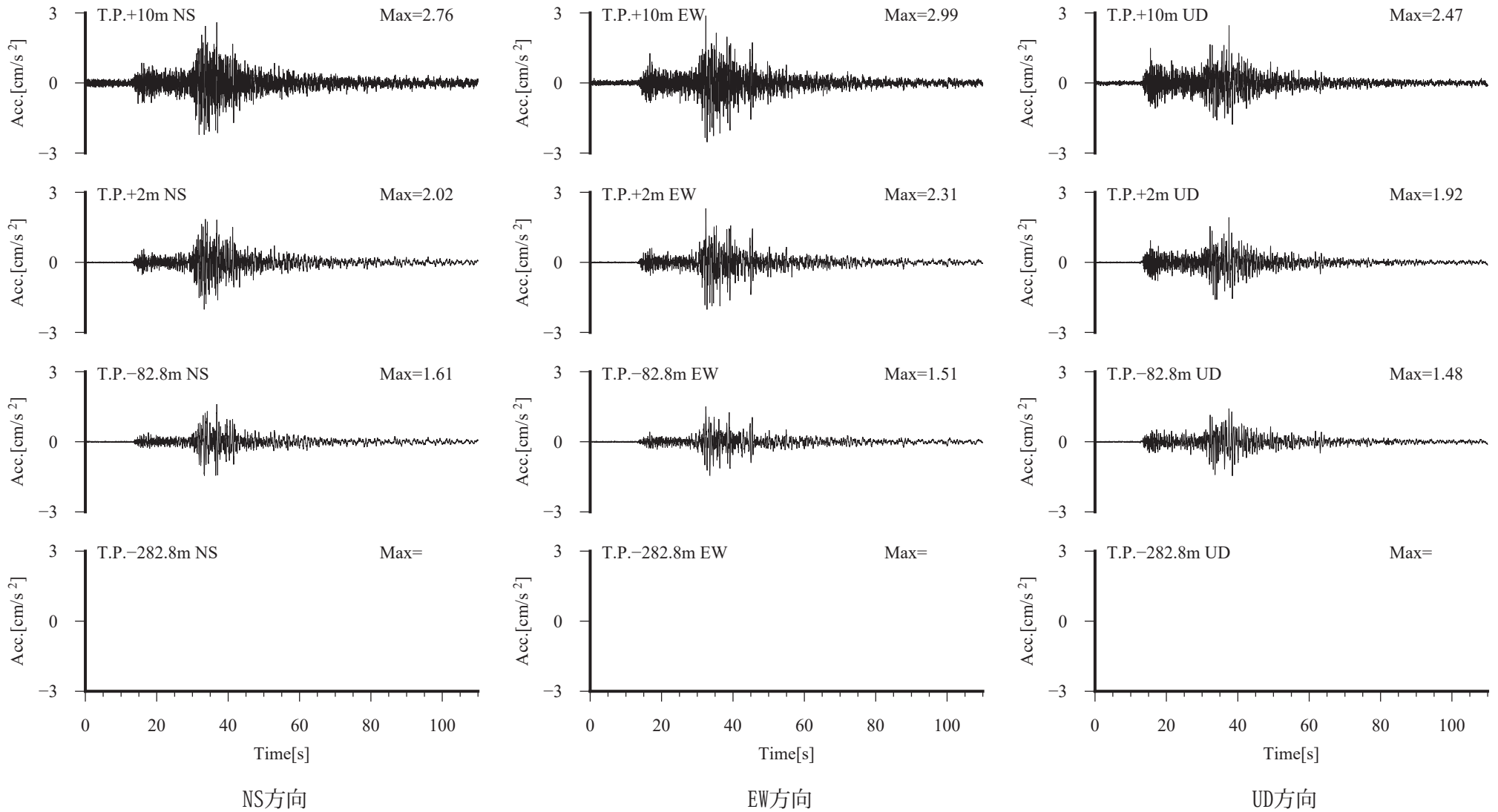
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1996/12/22 (23:53) M6.4, 深さ=254.36km, 震央距離=285km, 震源距離=382km



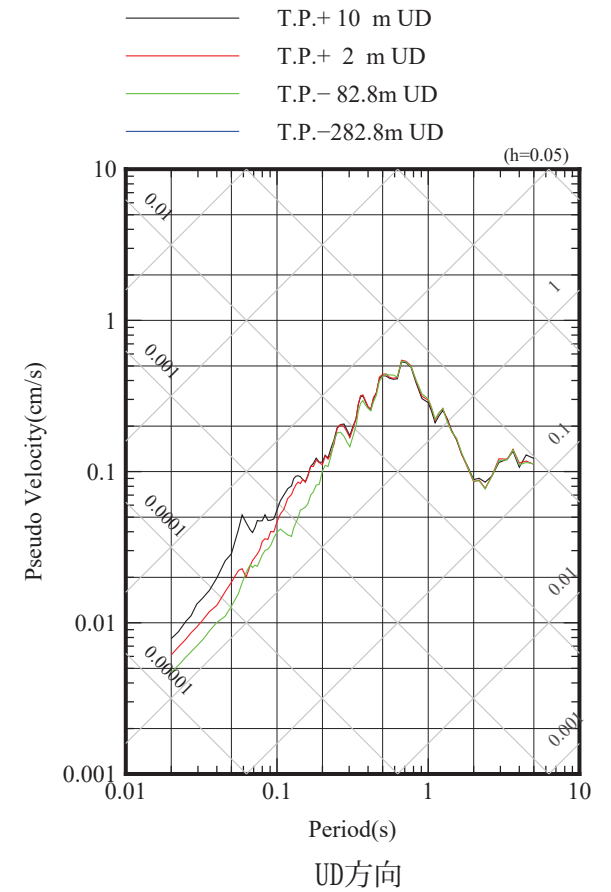
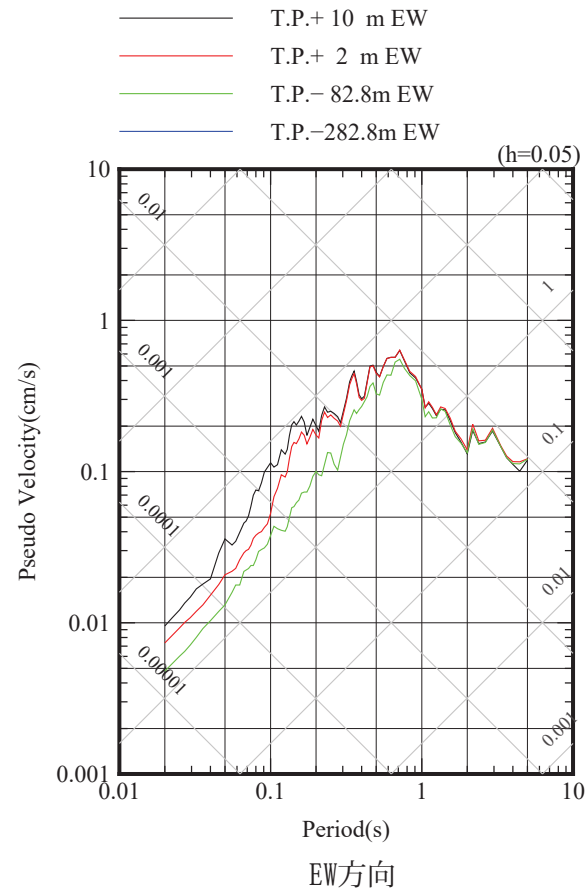
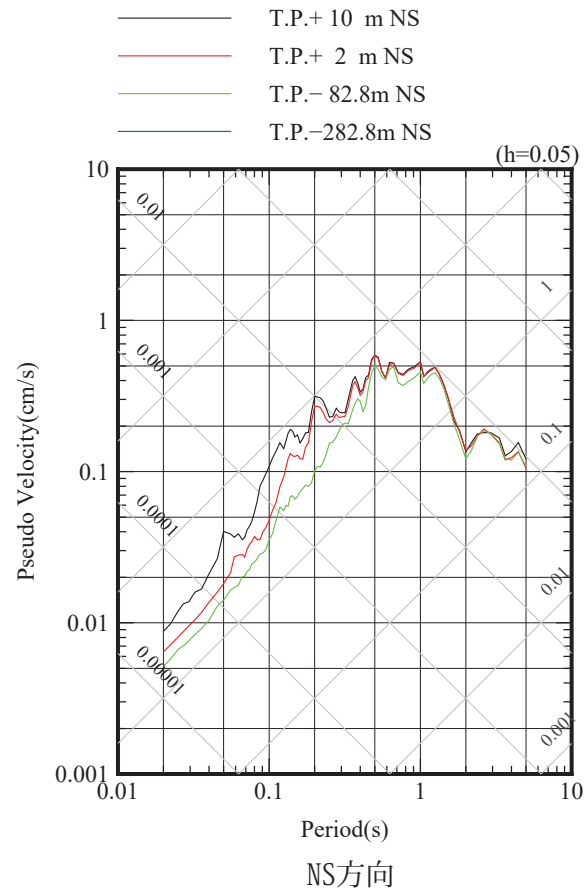
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1996/12/22 (23:53) M6.4, 深さ=254.36km, 震央距離=285km, 震源距離=382km



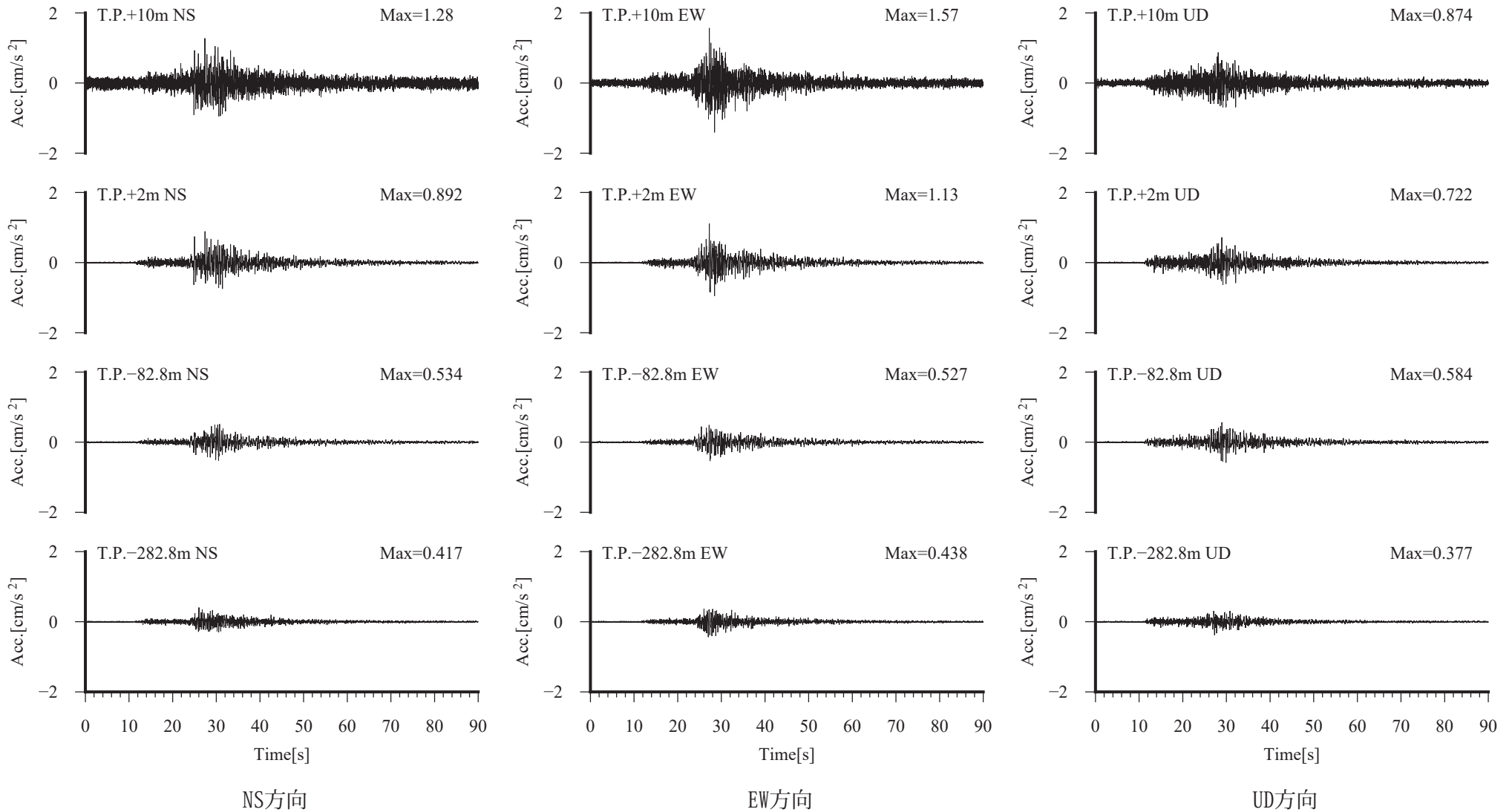
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1997/2/20 (16:55) M5.9, 深さ=48.99km, 震央距離=139km, 震源距離=148km



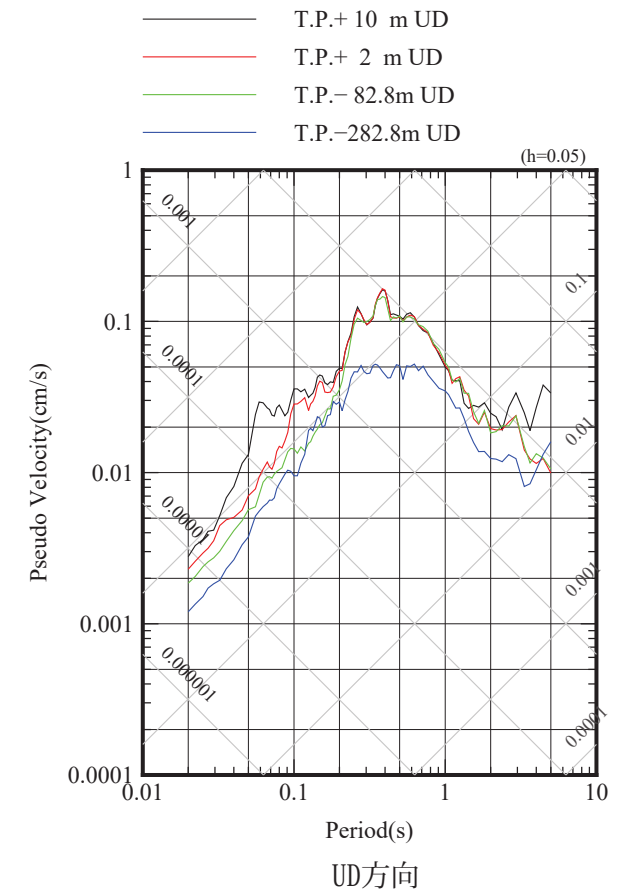
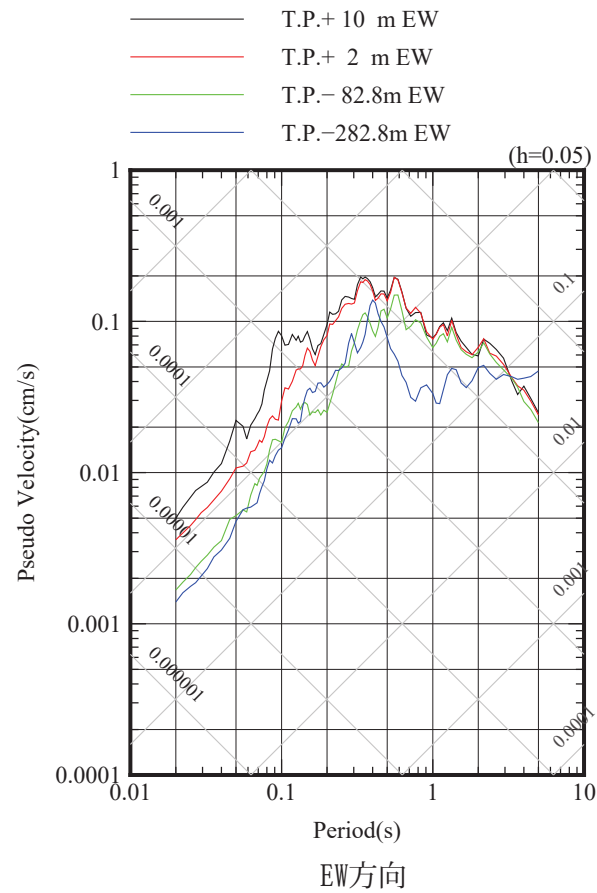
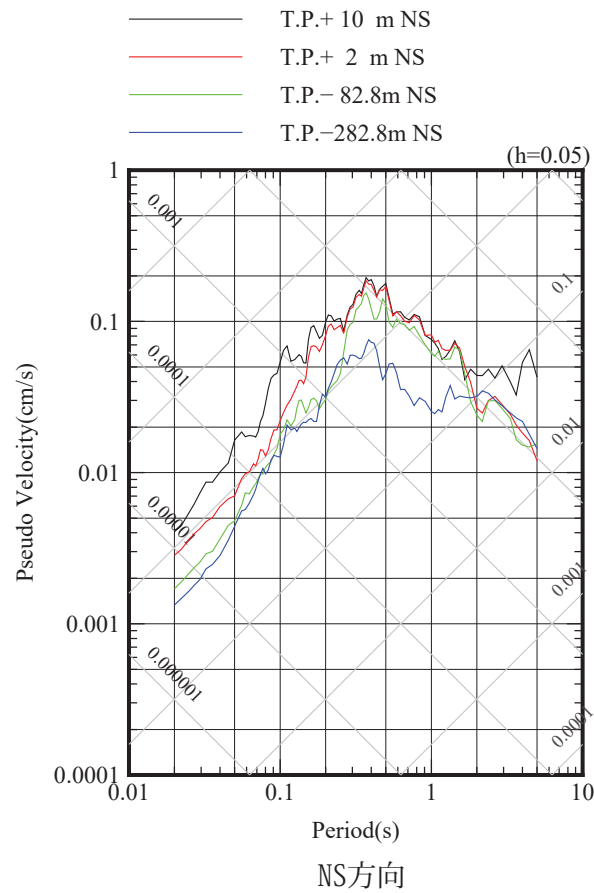
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1997/2/20 (16:55) M5.9, 深さ=48.99km, 震央距離=139km, 震源距離=148km



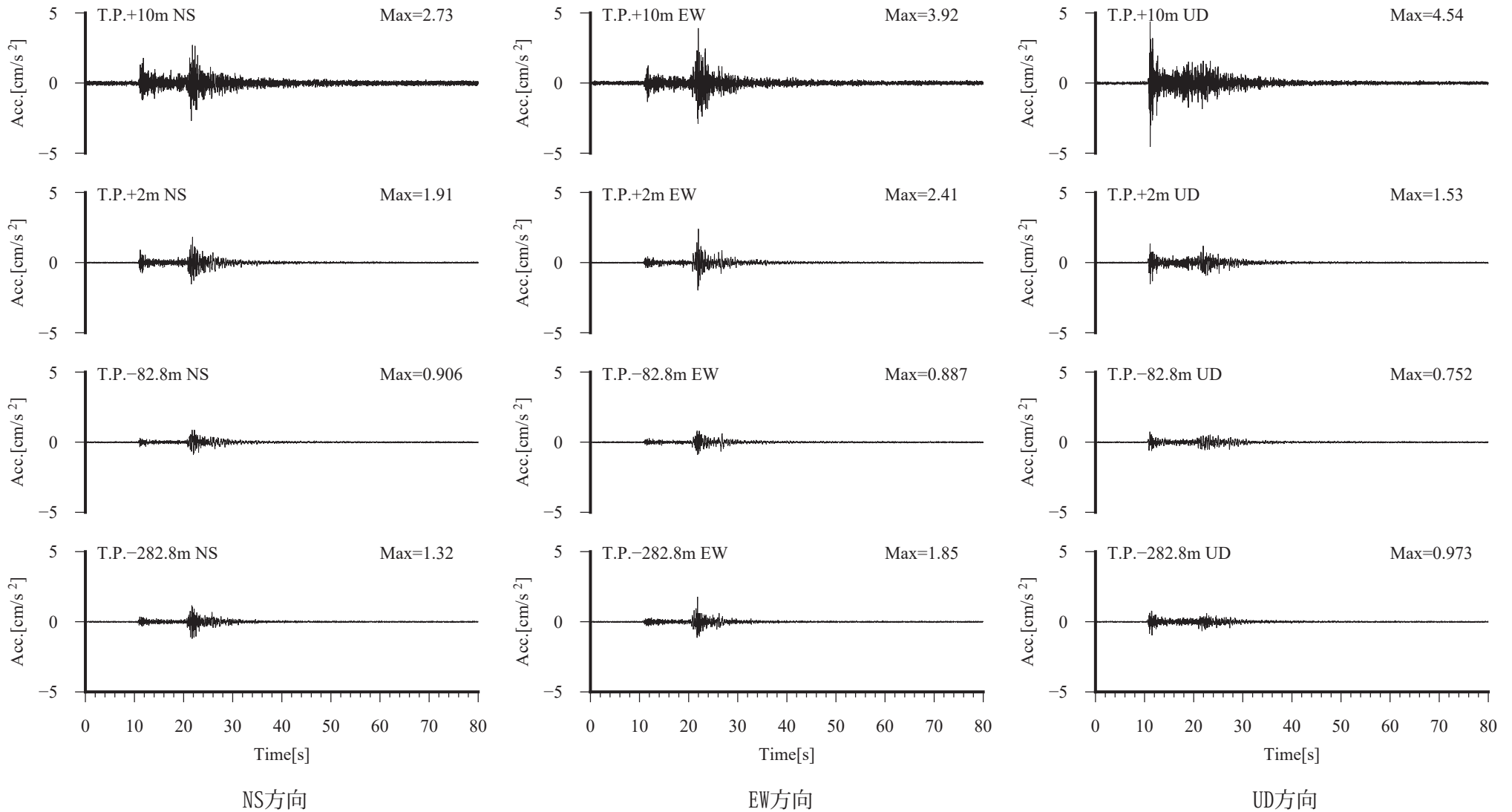
自由地盤 検討に用いた地震の加速度時刻歴波形

1997/3/17 (18:23) M4.8, 深さ=66.28km, 震央距離=99km, 震源距離=119km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

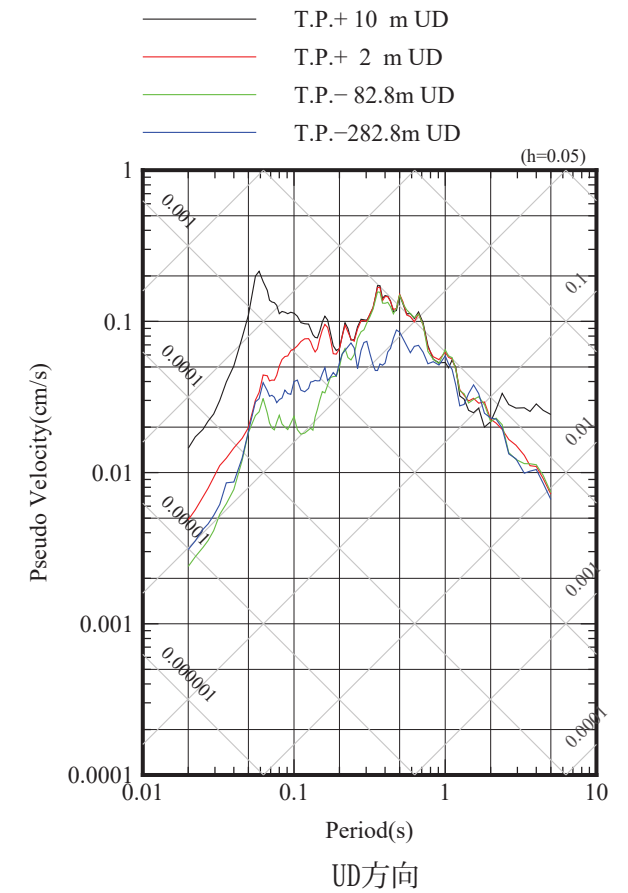
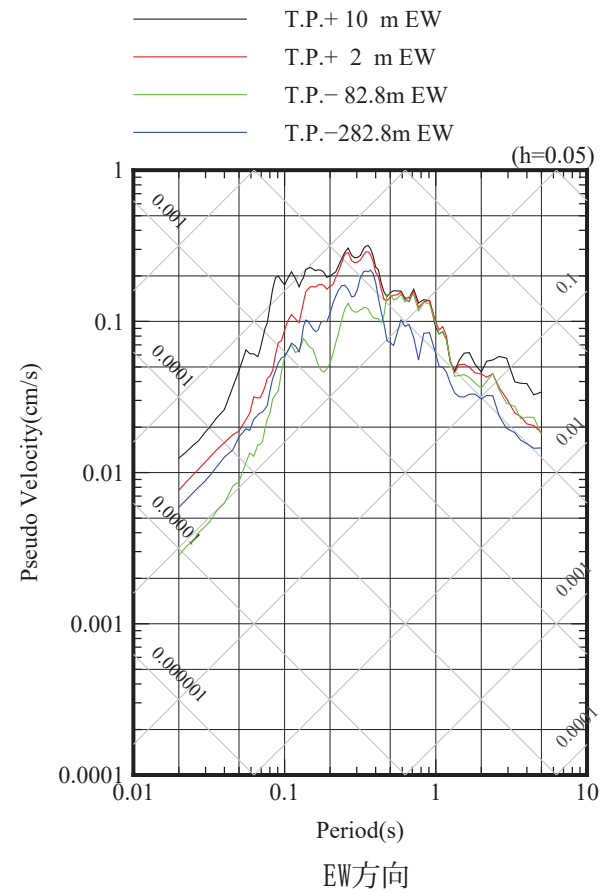
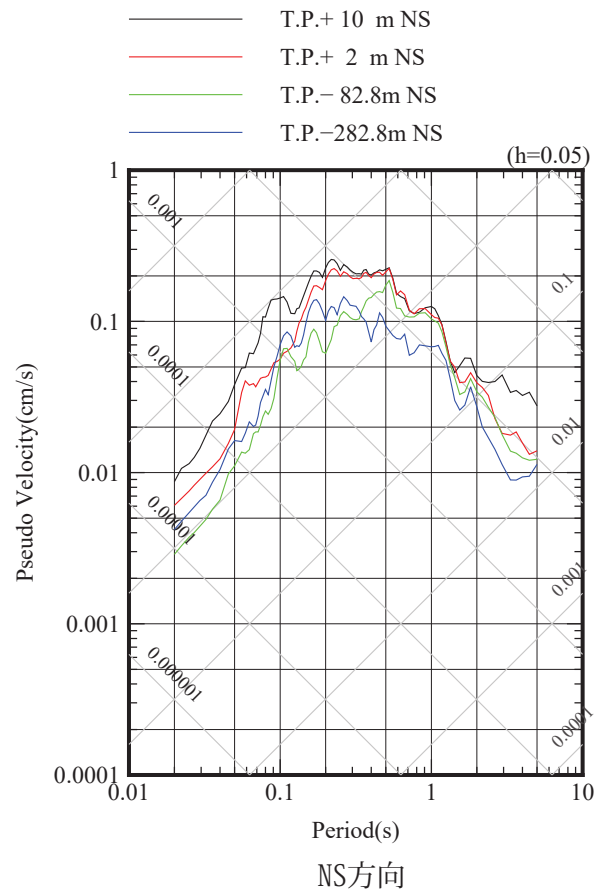
1997/3/17 (18:23) M4.8, 深さ=66.28km, 震央距離=99km, 震源距離=119km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

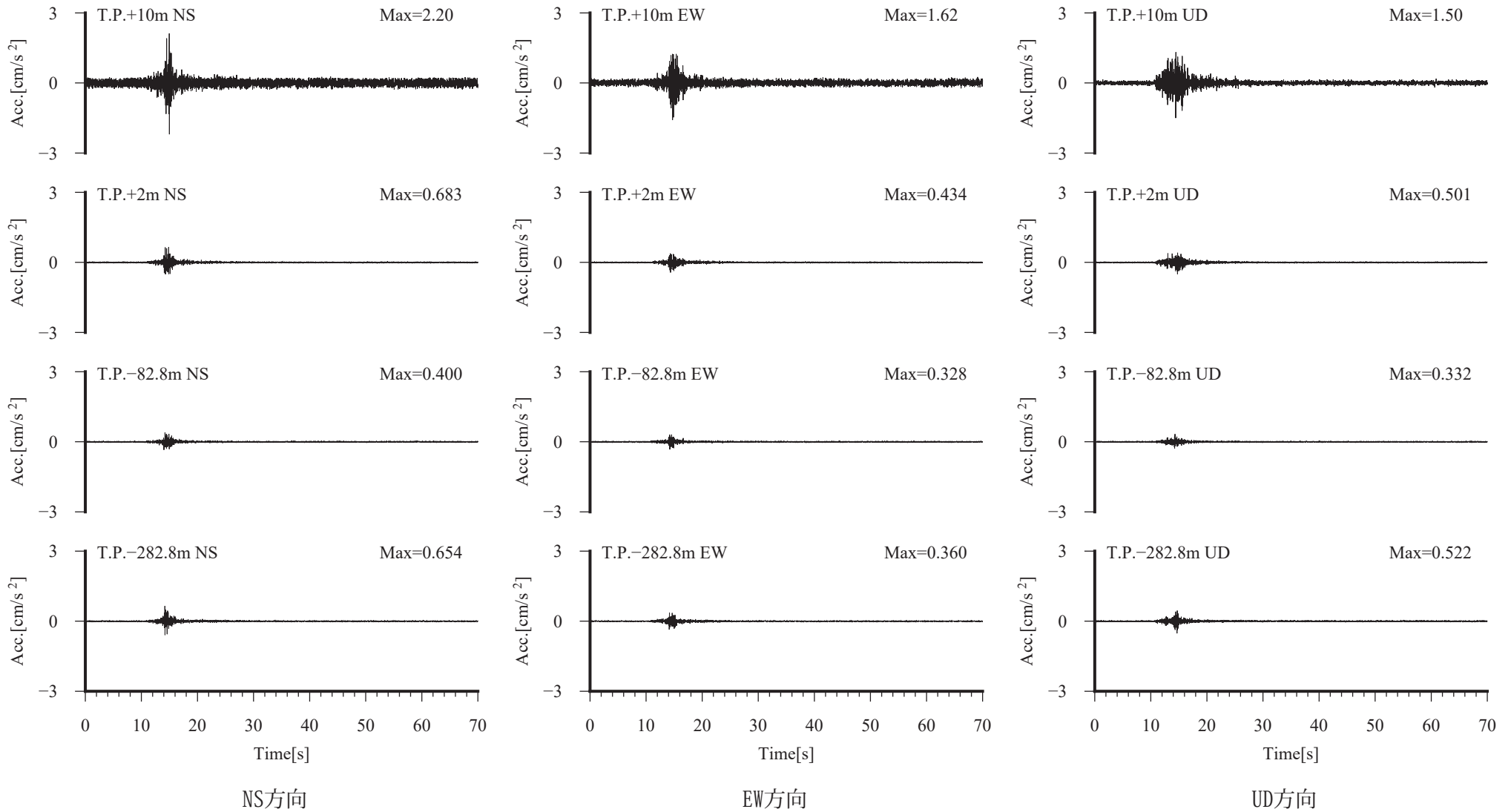
1999/1/19 (2:35) M4.4, 深さ=84.62km, 震央距離=41km, 震源距離=94km





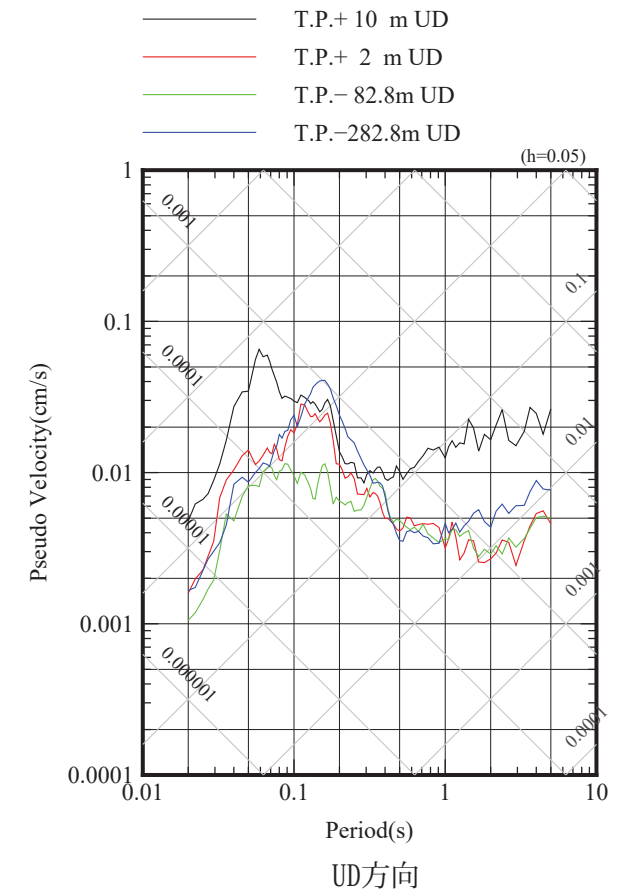
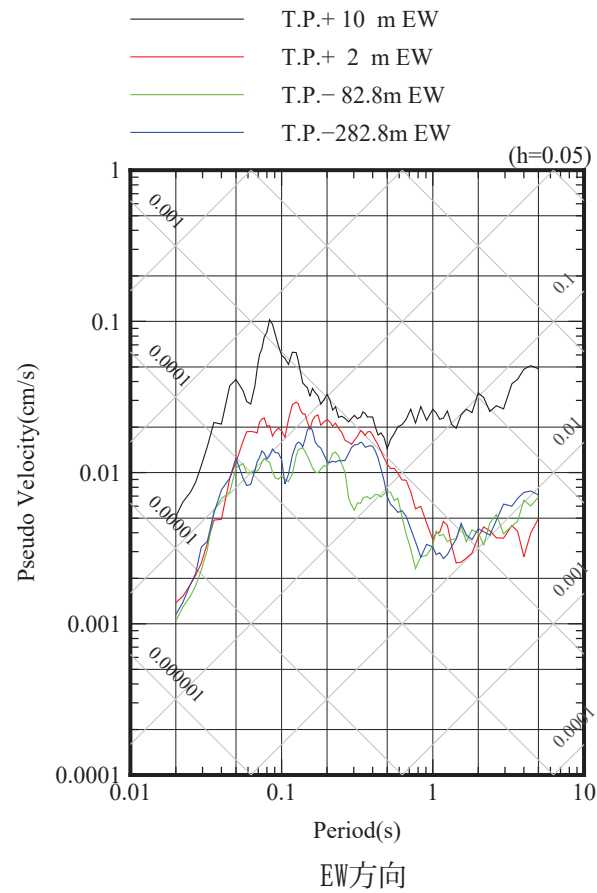
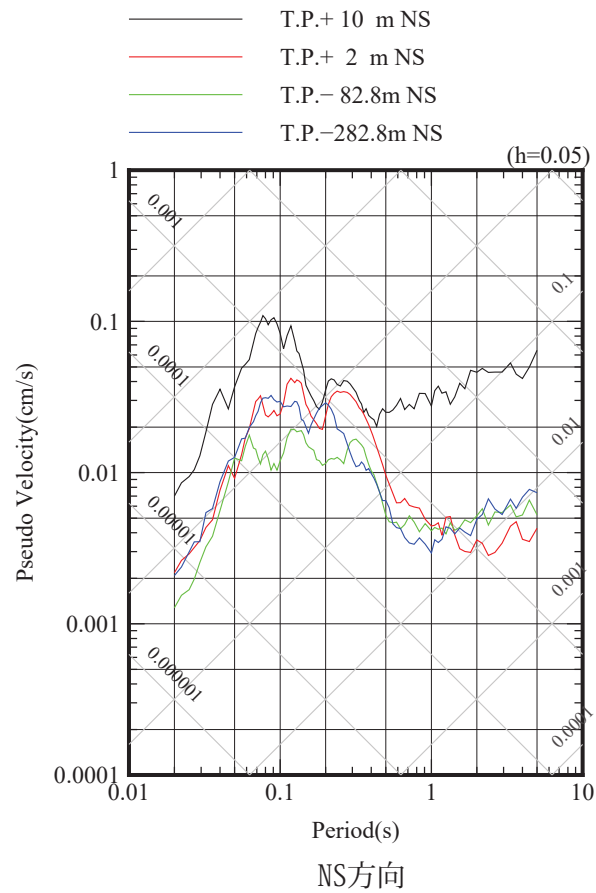
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1999/1/19 (2:35) M4.4, 深さ=84.62km, 震央距離=41km, 震源距離=94km



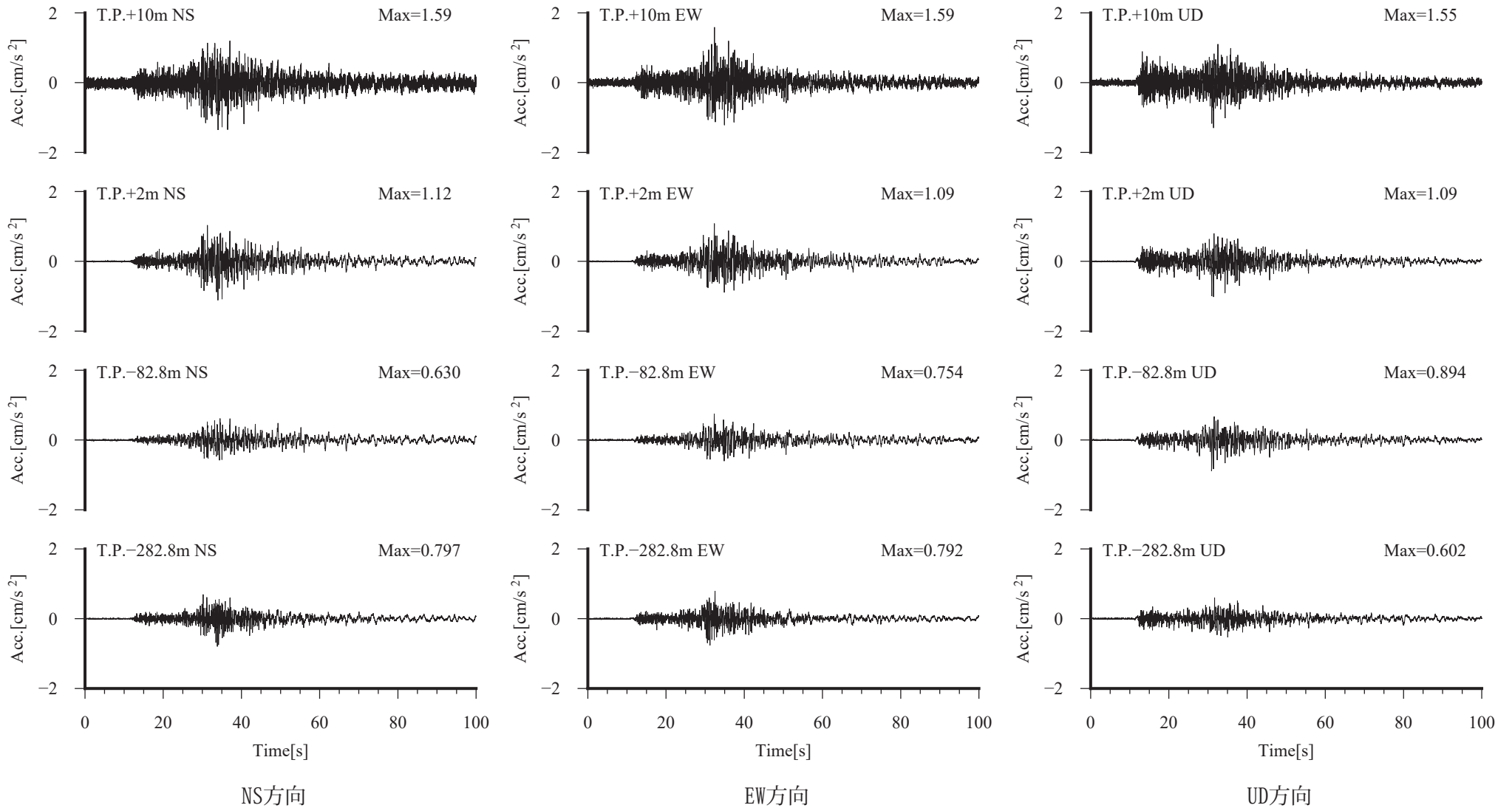
自由地盤 検討に用いた地震の加速度時刻歴波形

1999/2/23 (2:5) M2.8, 深さ=12.92km, 震央距離=22km, 震源距離=25km



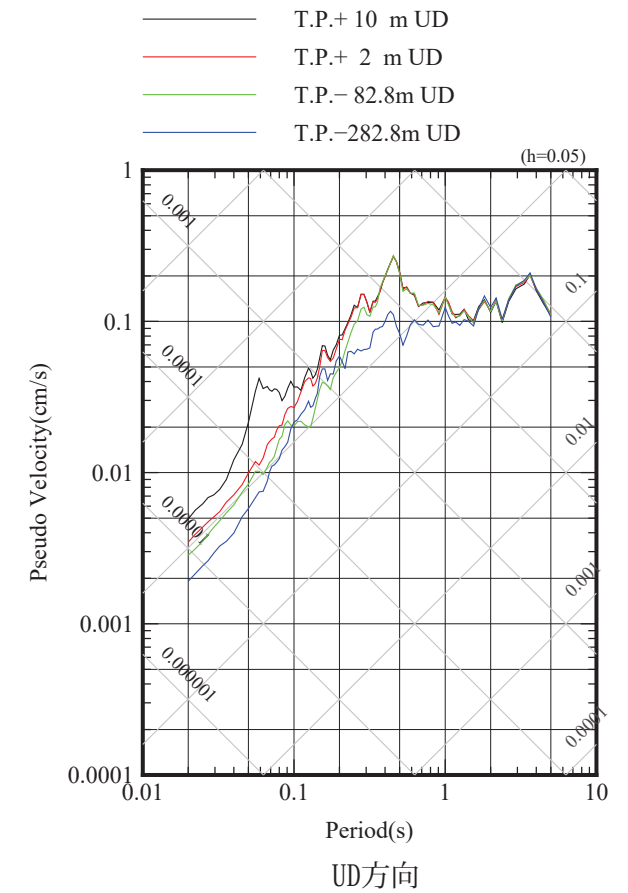
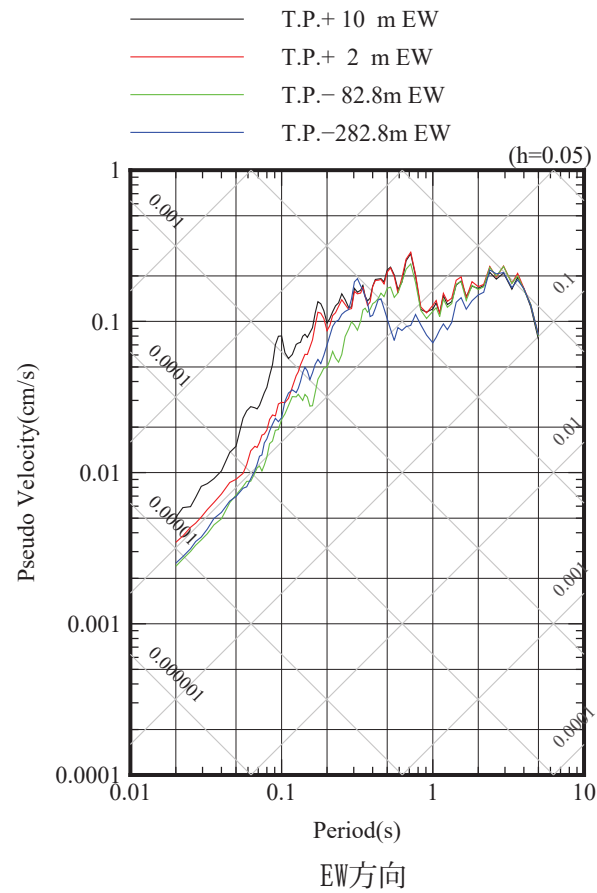
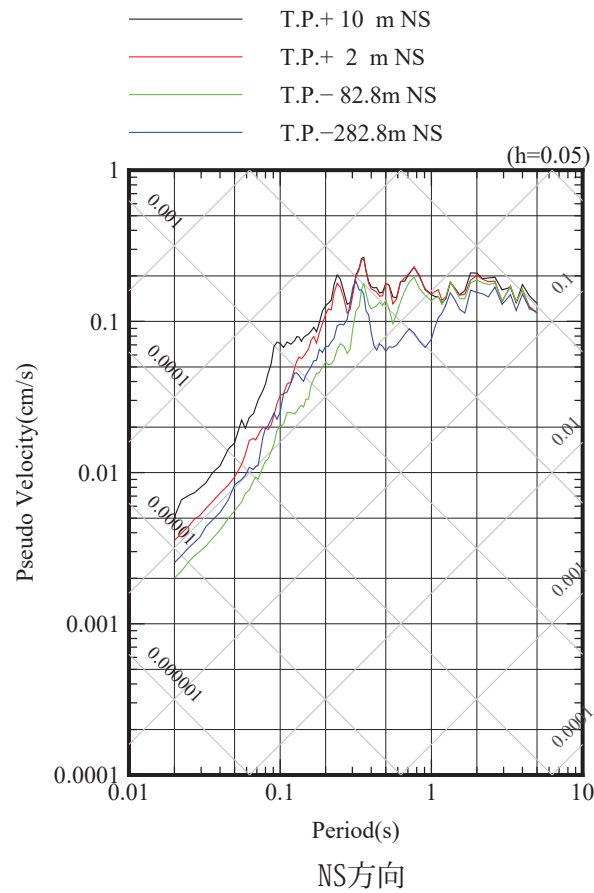
自由地盤 検討に用いた地震の擬似速度応答スペクトル

1999/2/23 (2:5) M2.8, 深さ=12.92km, 震央距離=22km, 震源距離=25km



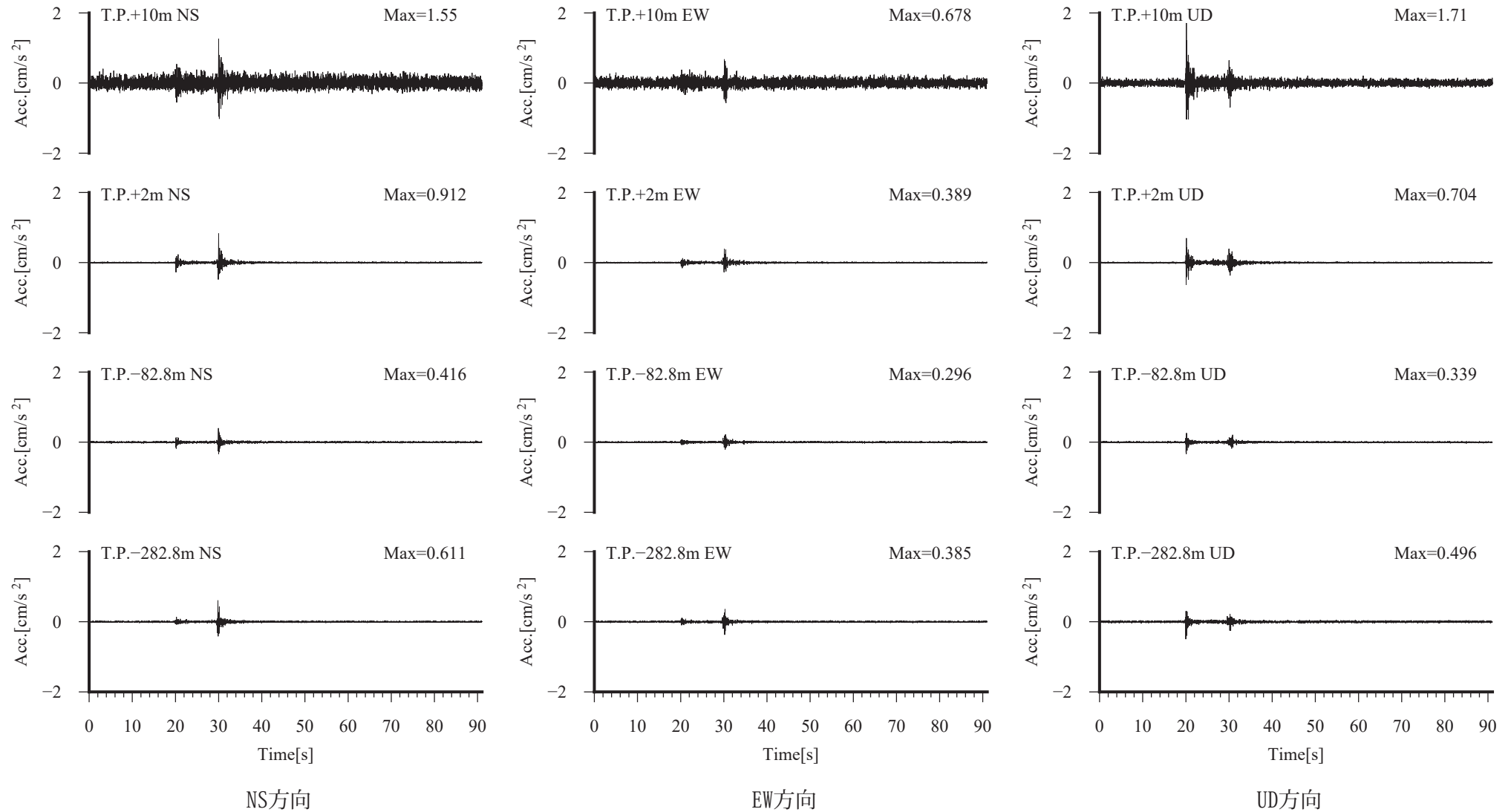
### 自由地盤 検討に用いた地震の加速度時刻歴波形

1999/3/19 (2:55) M5.8, 深さ= 29 km, 震央距離=155km, 震源距離=158km



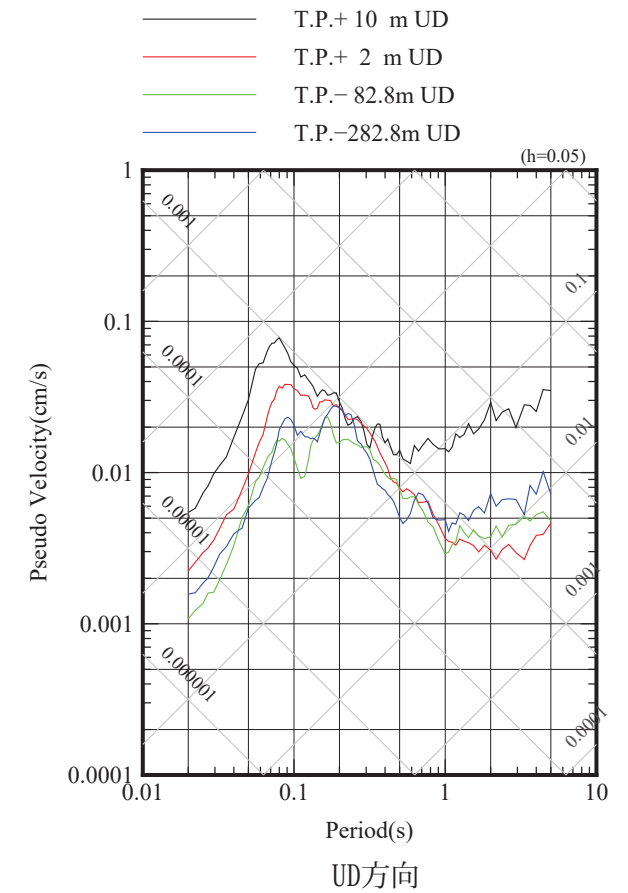
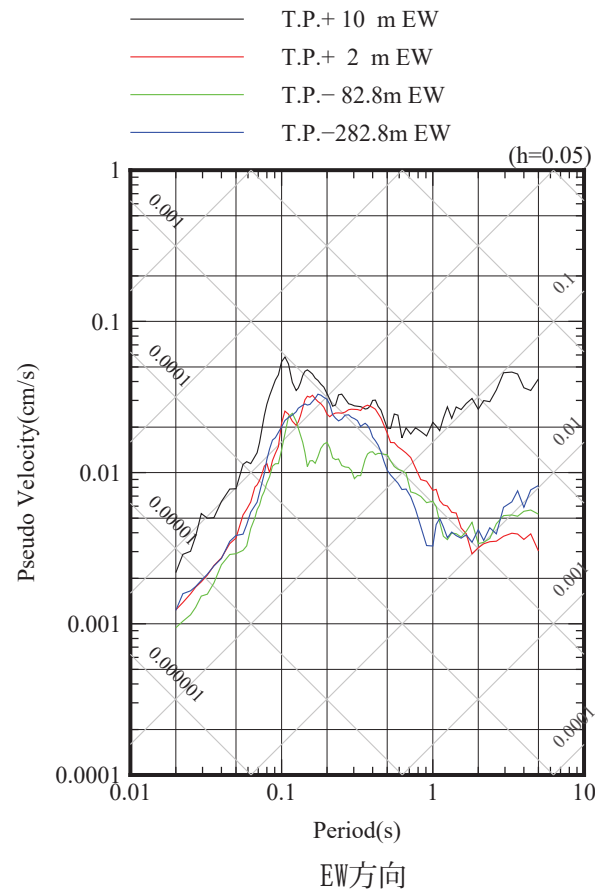
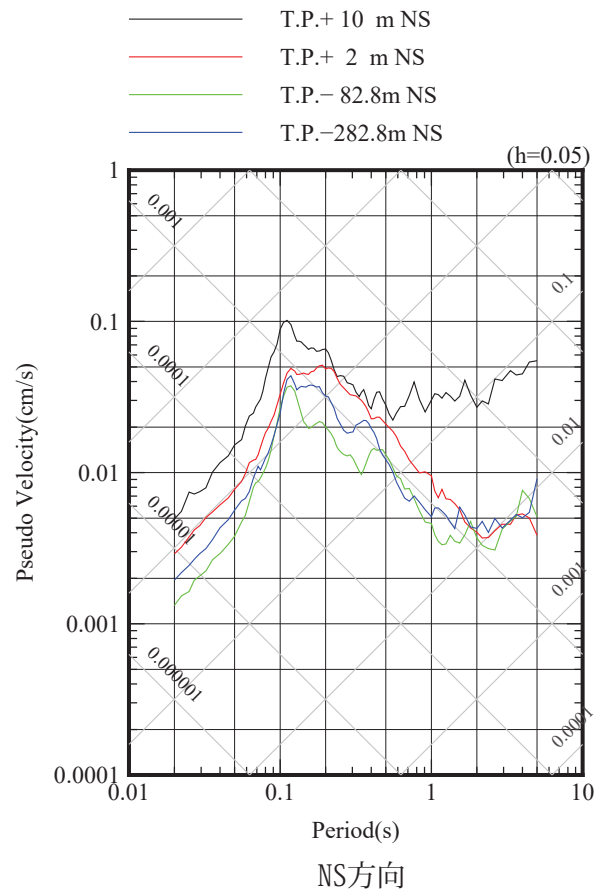
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

1999/3/19 (2:55) M5.8, 深さ= 29 km, 震央距離=155km, 震源距離=158km



## 自由地盤 検討に用いた地震の加速度時刻歴波形

2000/2/24 (3:41) M3, 深さ=86.36km, 震央距離=22km, 震源距離=89km

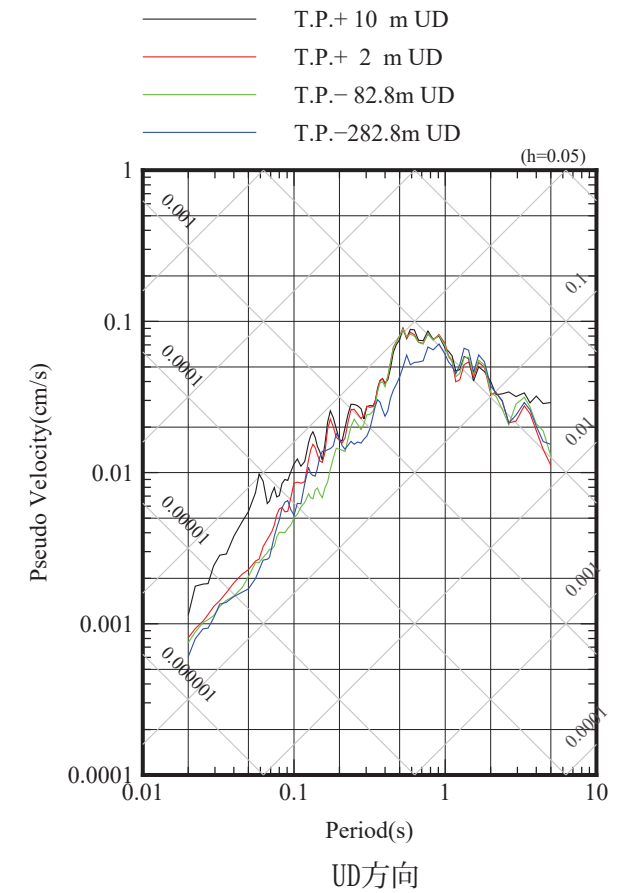
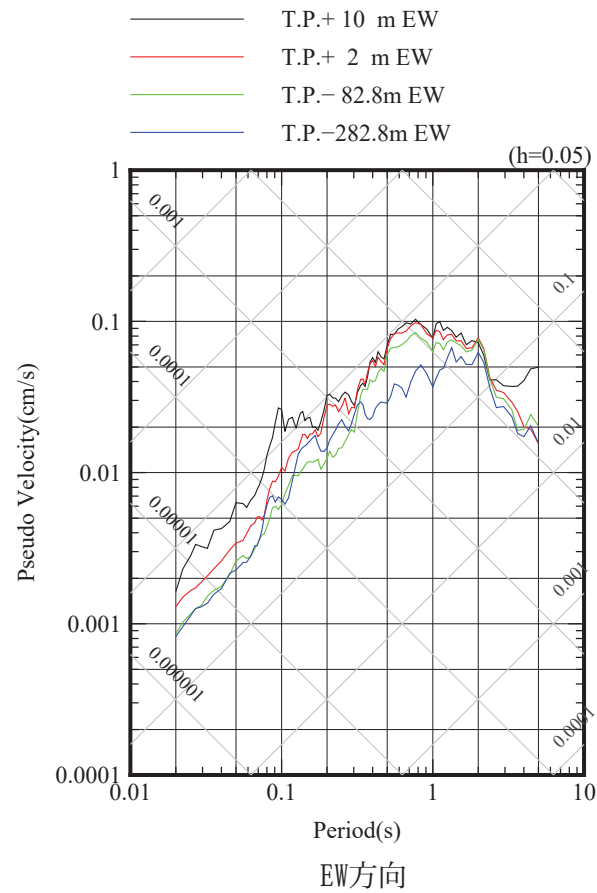
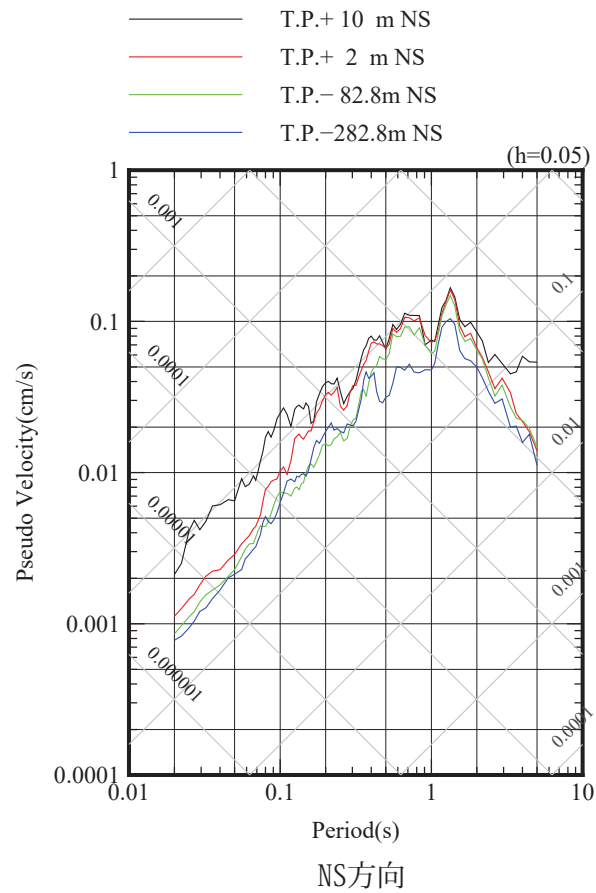


自由地盤 検討に用いた地震の擬似速度応答スペクトル

2000/2/24 (3:41) M3, 深さ=86.36km, 震央距離=22km, 震源距離=89km

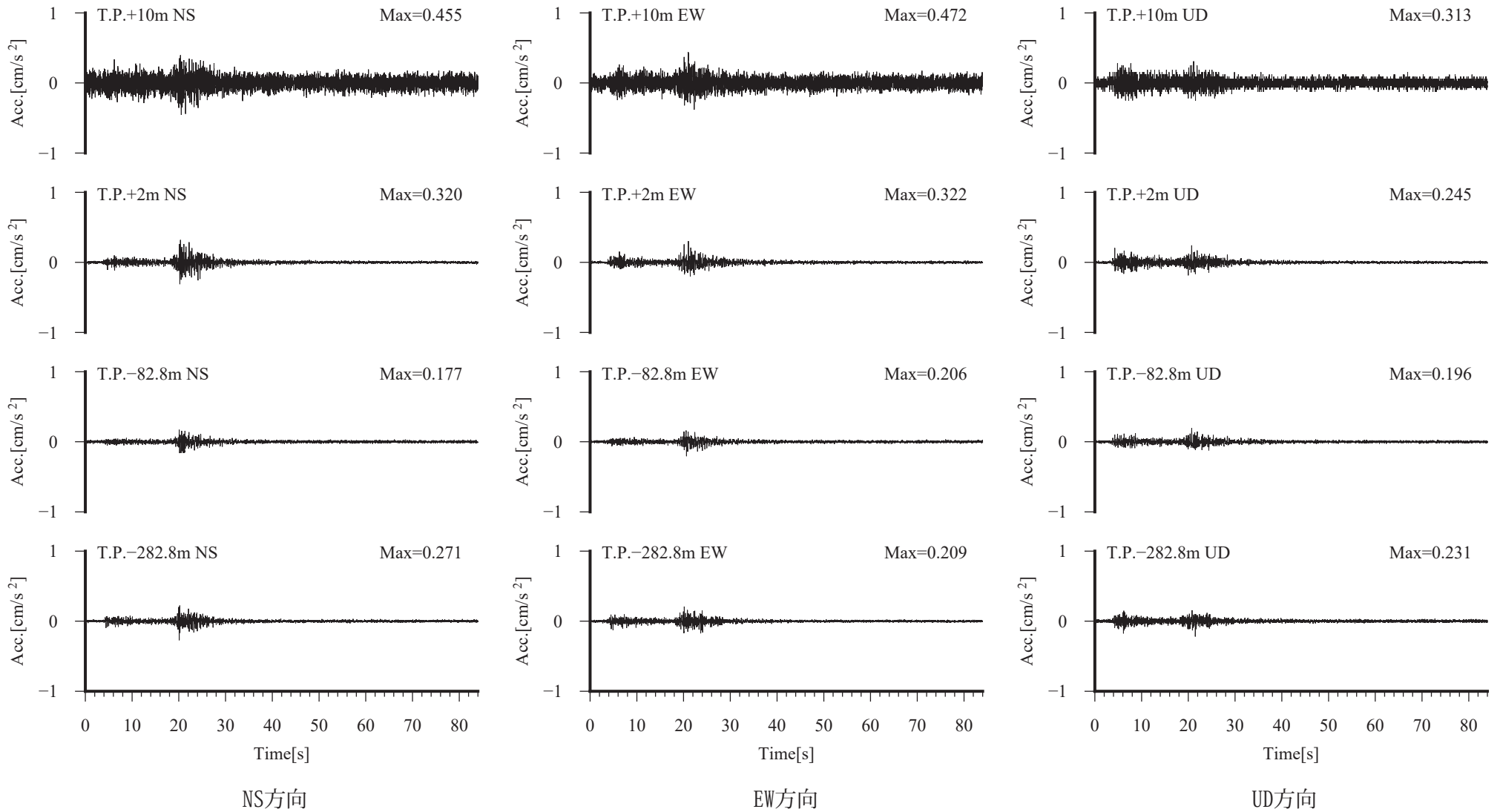






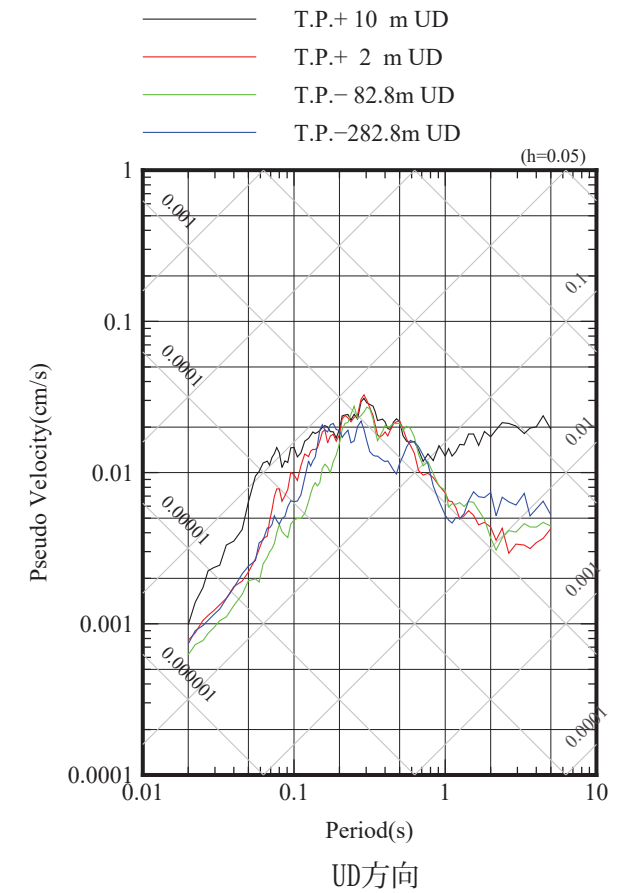
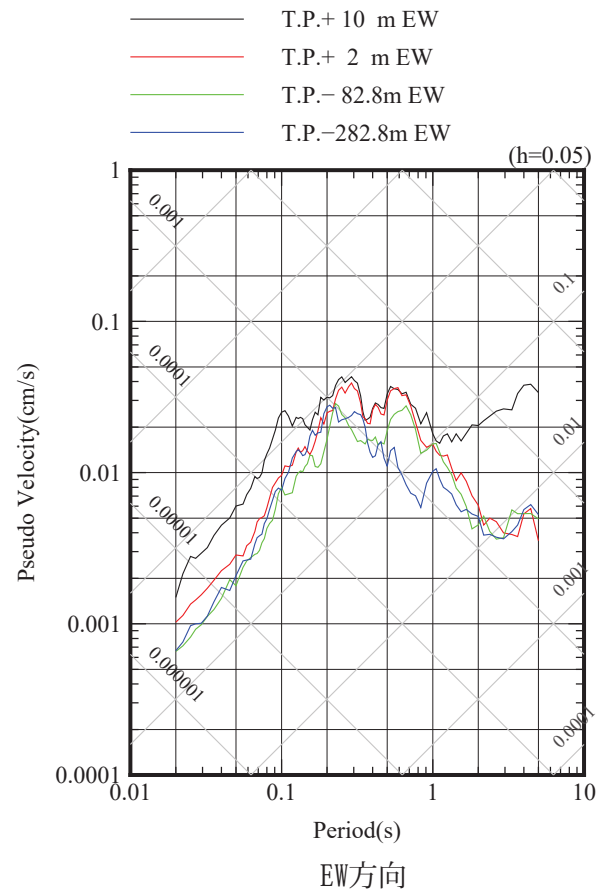
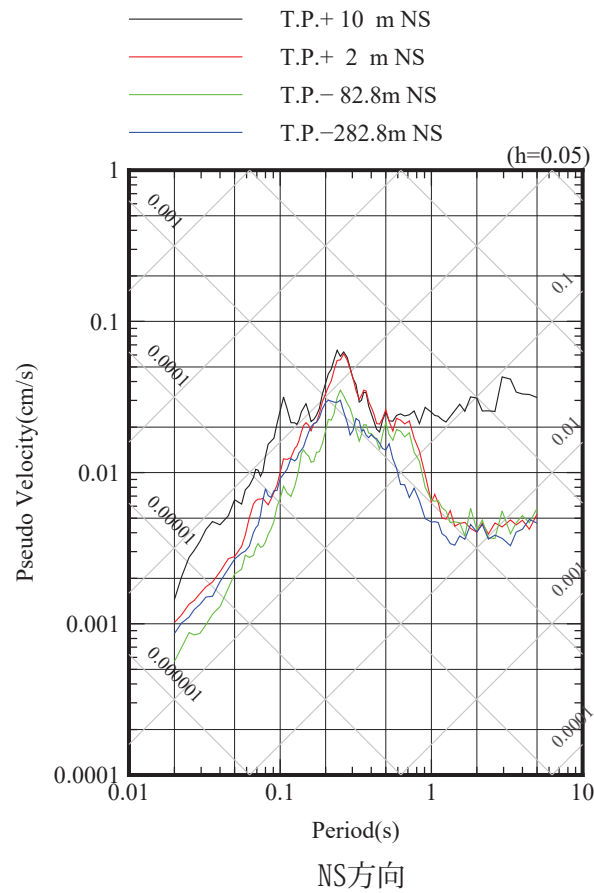
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2000/4/1 (3:12) M4.9, 深さ=7.03km, 震央距離=153km, 震源距離=154km



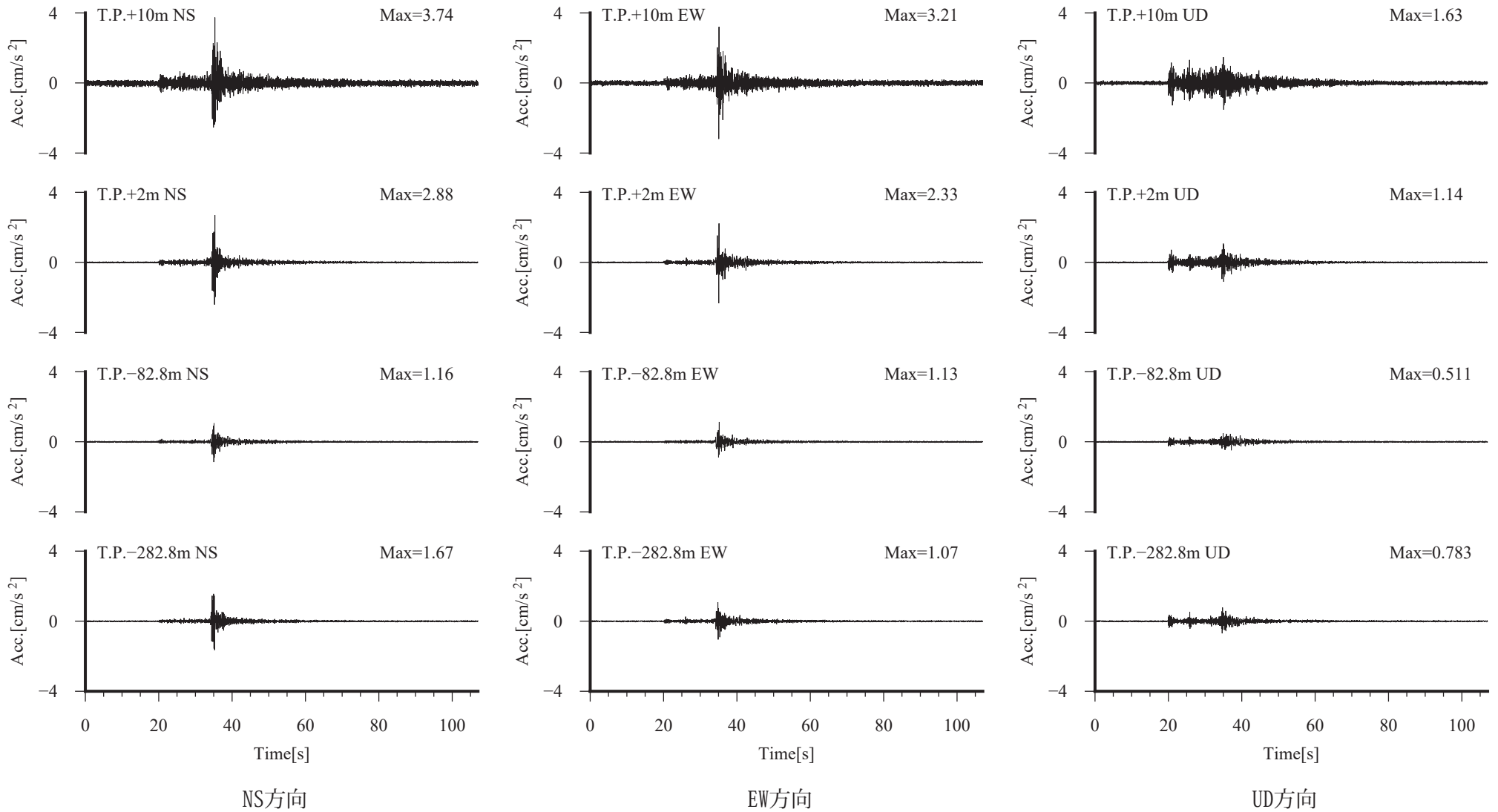
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2000/4/12 (0:8) M4.3, 深さ=11.57km, 震央距離=122km, 震源距離=123km



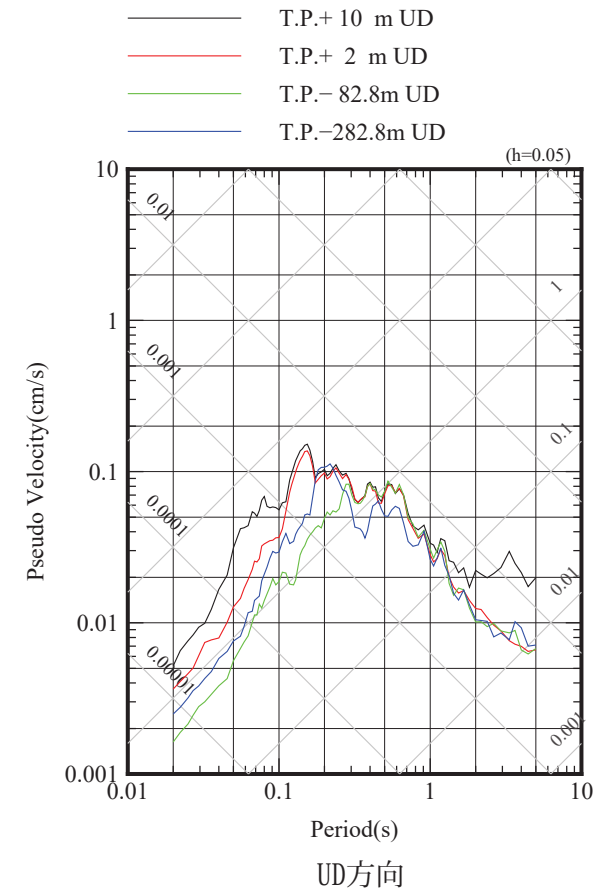
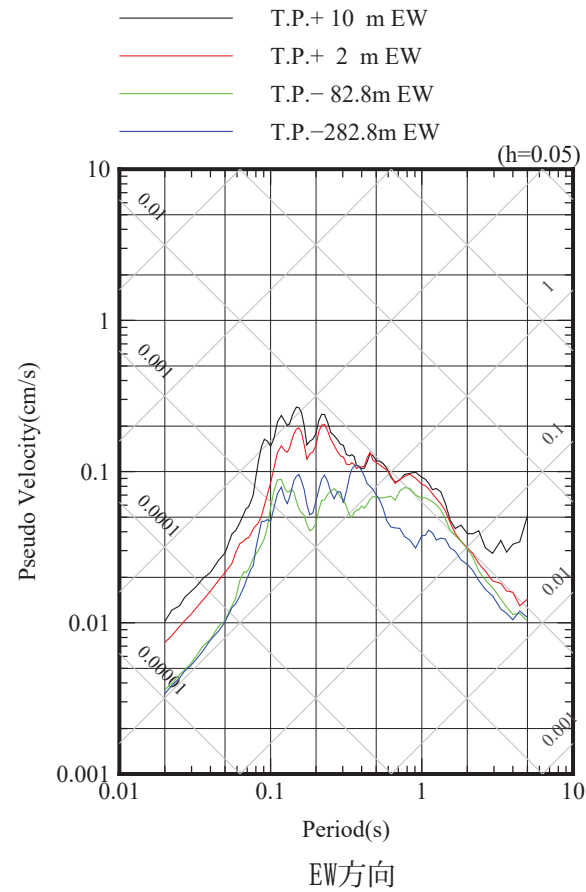
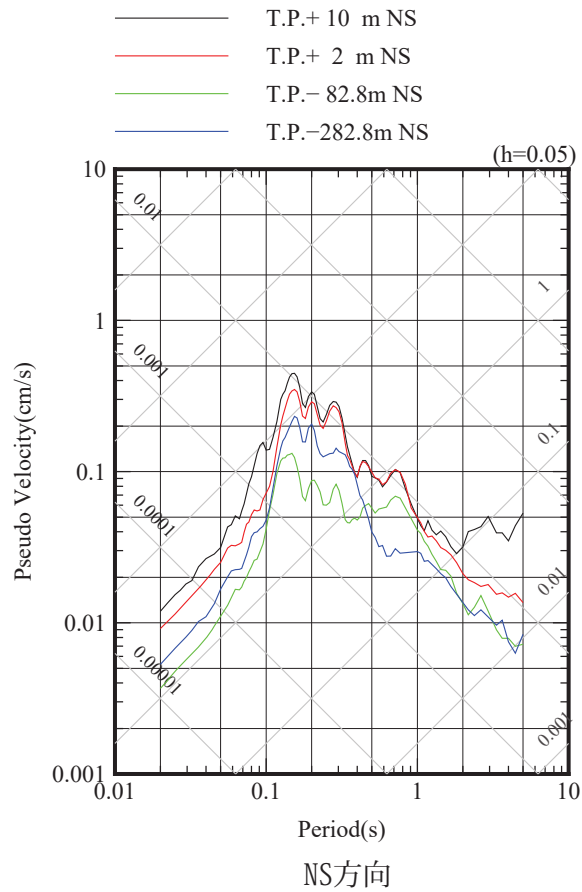
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2000/4/12 (0:8) M4.3, 深さ=11.57km, 震央距離=122km, 震源距離=123km



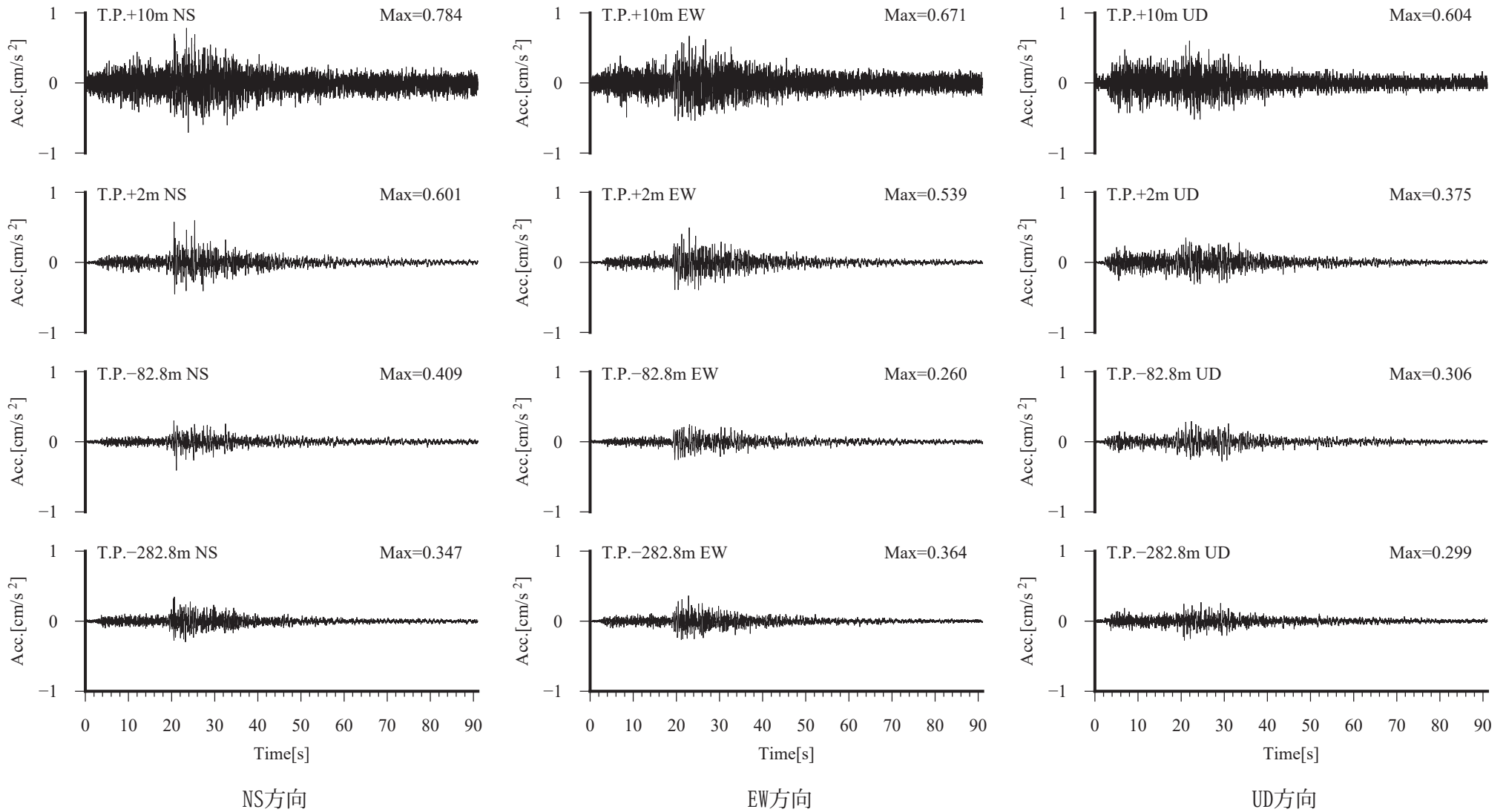
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2000/6/16 (16:35) M4.3, 深さ=132.49km, 震央距離=39km, 震源距離=138km



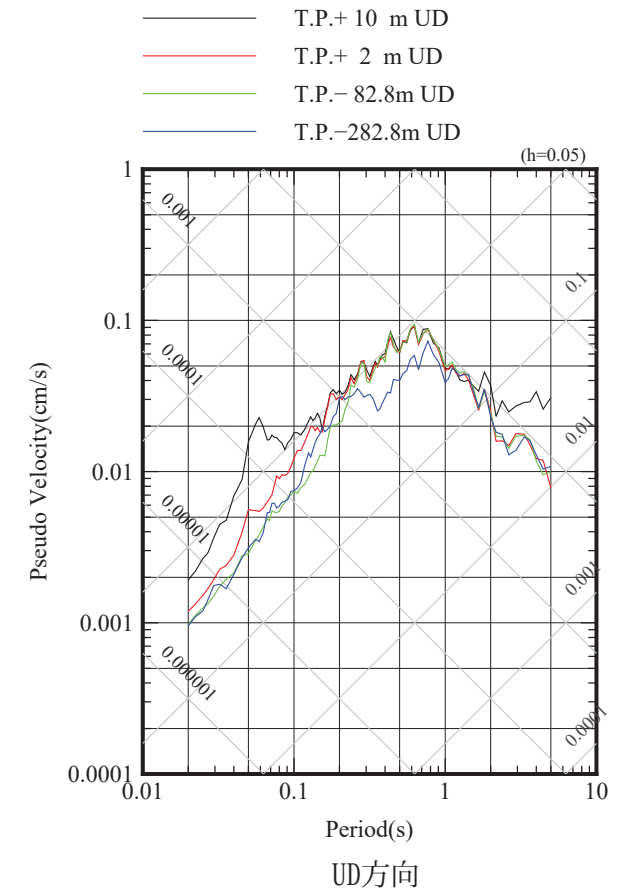
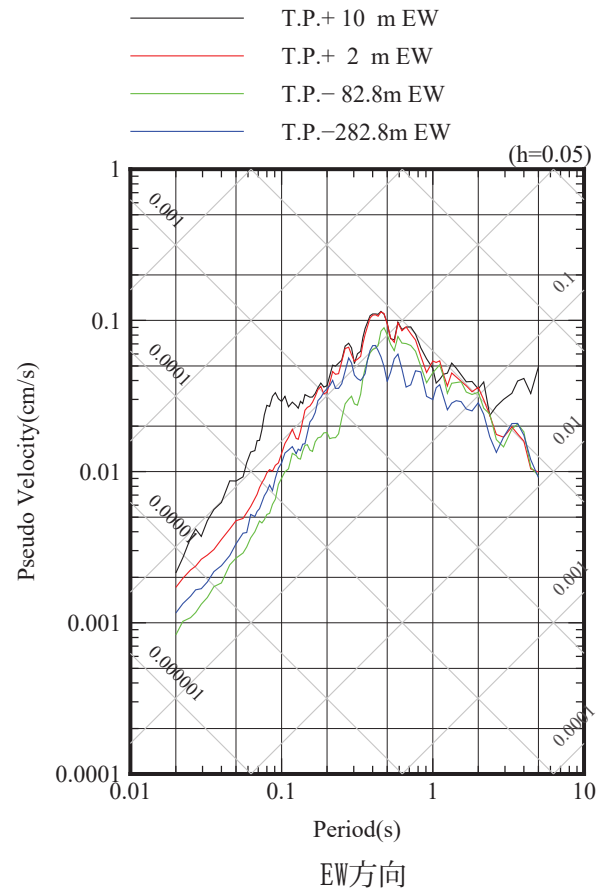
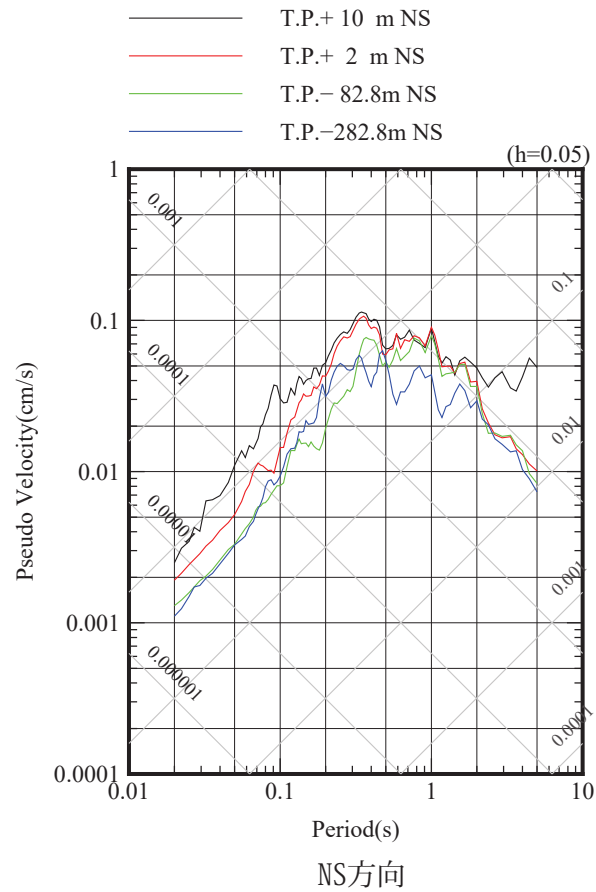
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2000/6/16 (16:35) M4.3, 深さ=132.49km, 震央距離=39km, 震源距離=138km



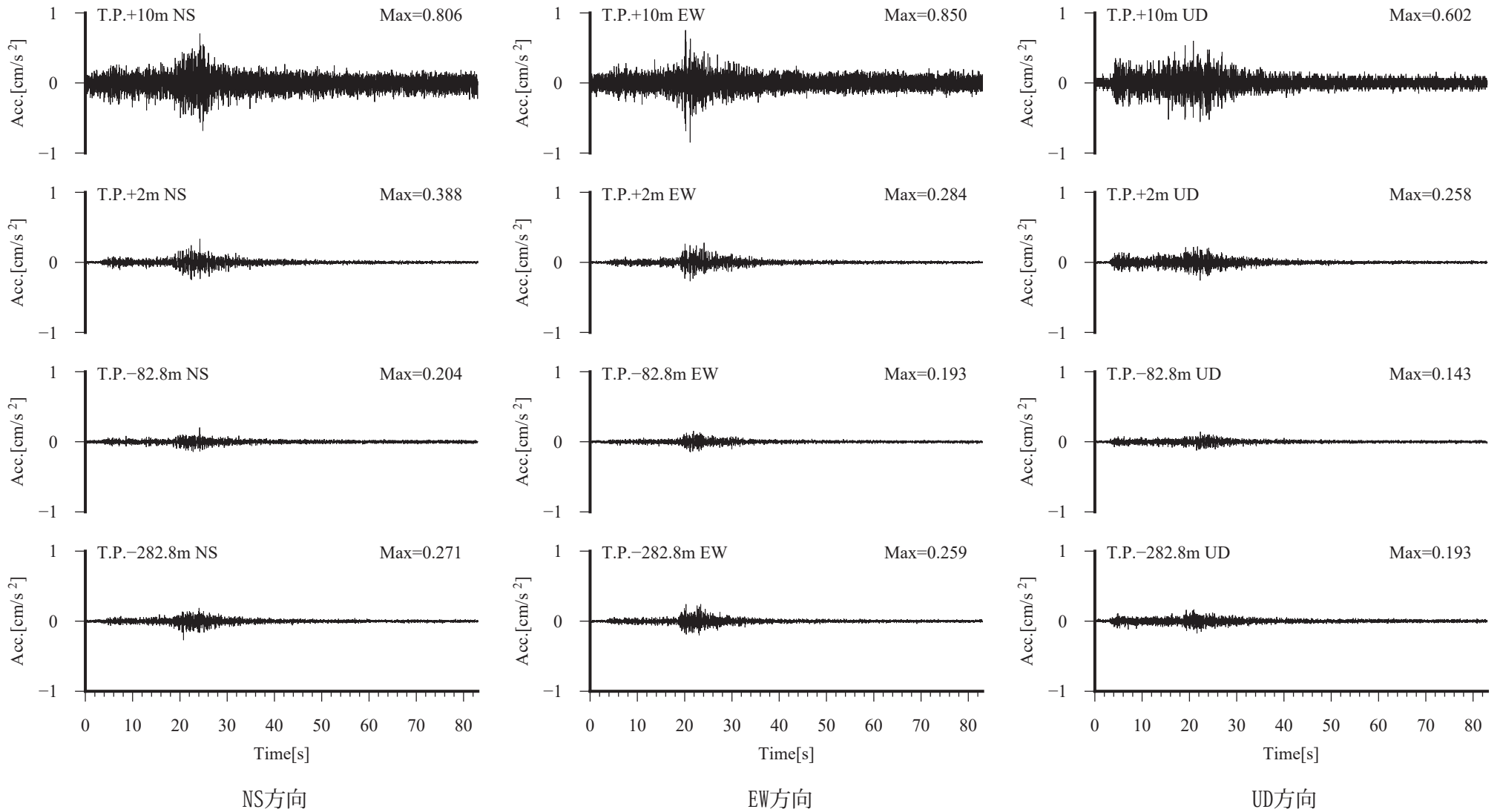
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2000/8/27 (0:30) M4.8, 深さ=29.85km, 震央距離=148km, 震源距離=151km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

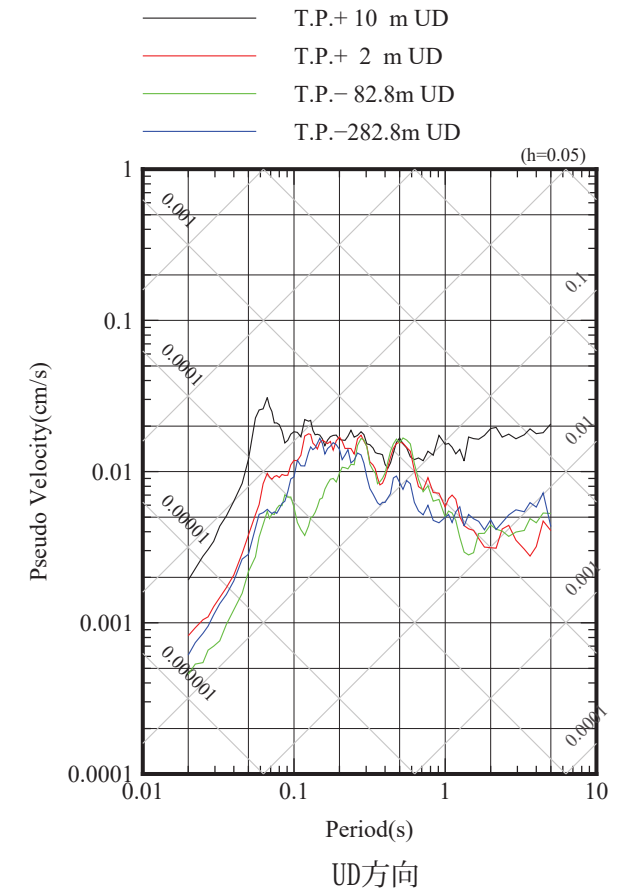
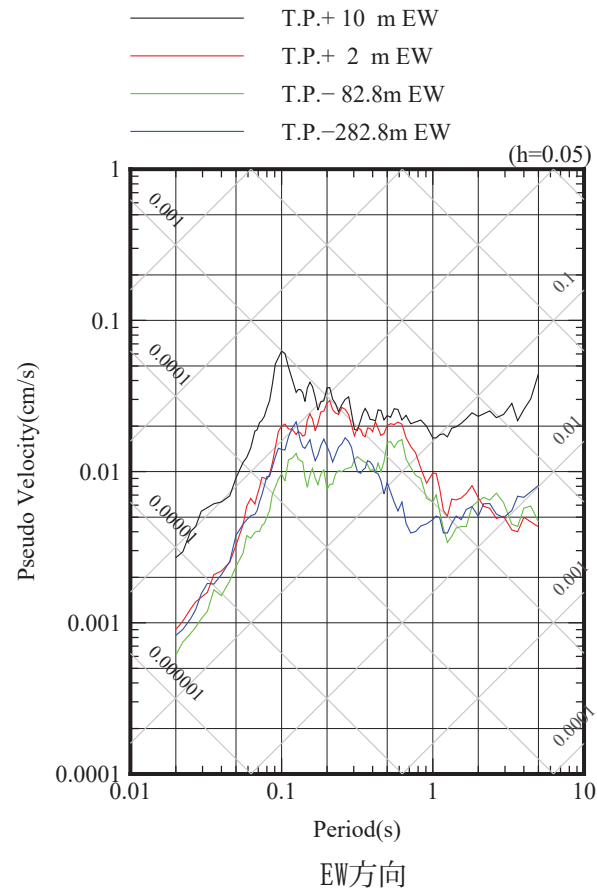
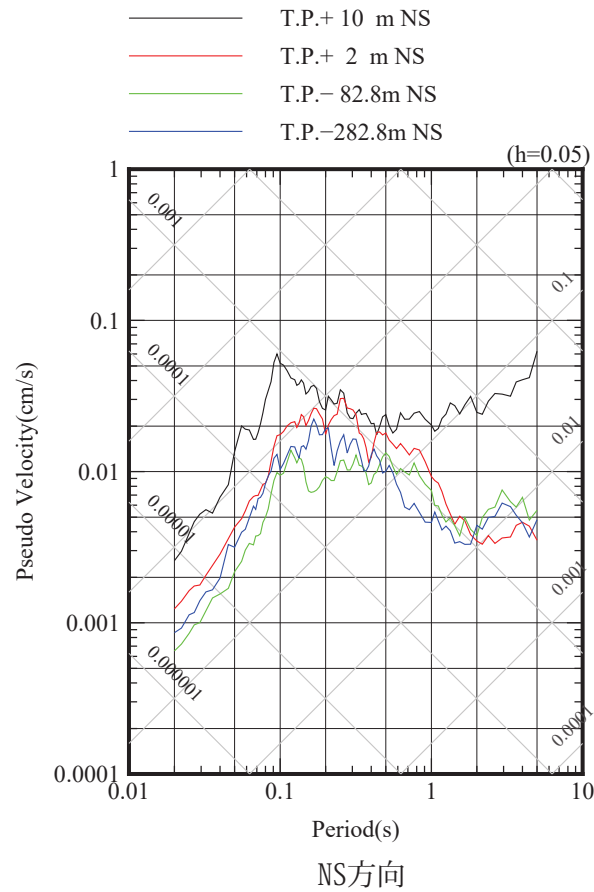
2000/8/27 (0:30) M4.8, 深さ=29.85km, 震央距離=148km, 震源距離=151km



自由地盤 検討に用いた地震の加速度時刻歴波形

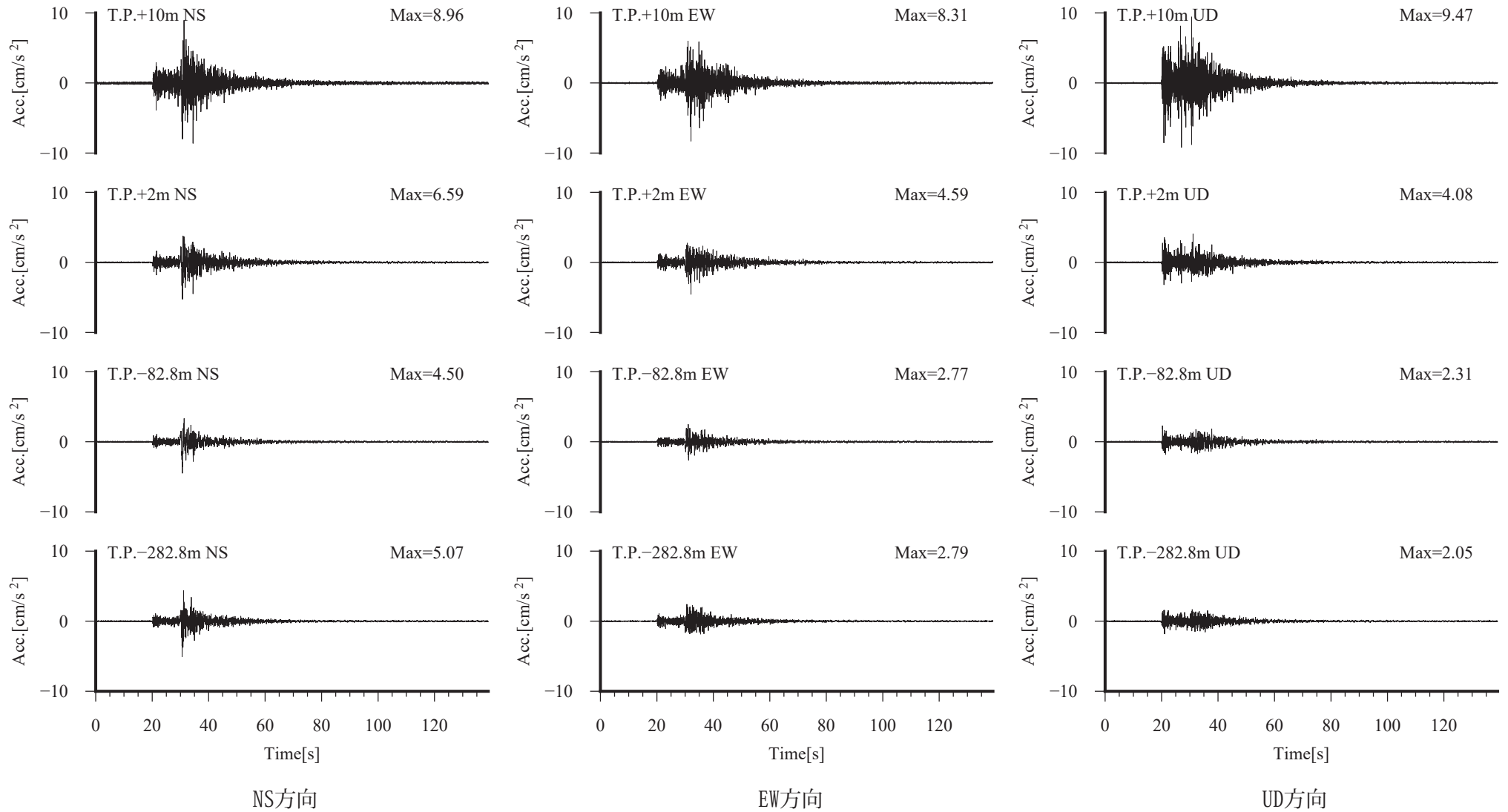
2000/9/3 (21:35) M4, 深さ=60.14km, 震央距離=128km, 震源距離=141km





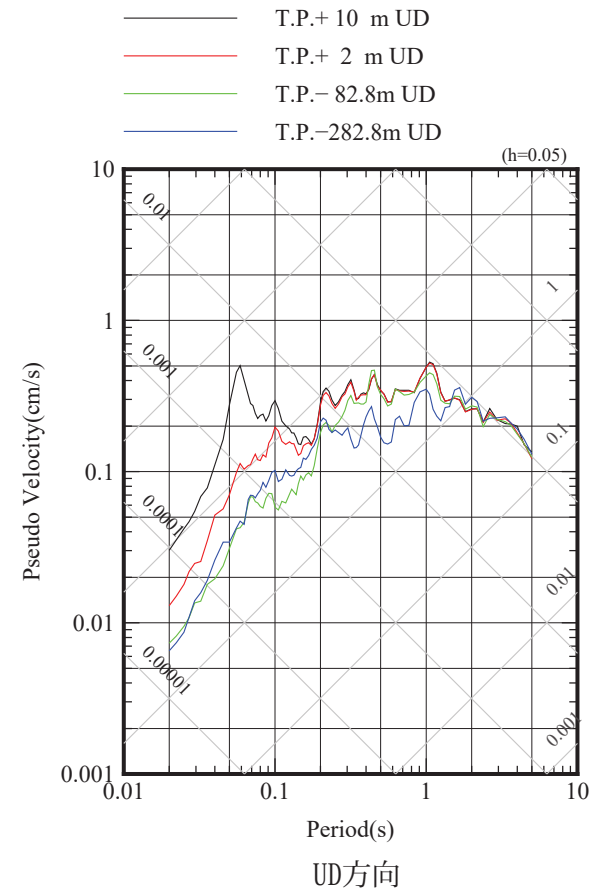
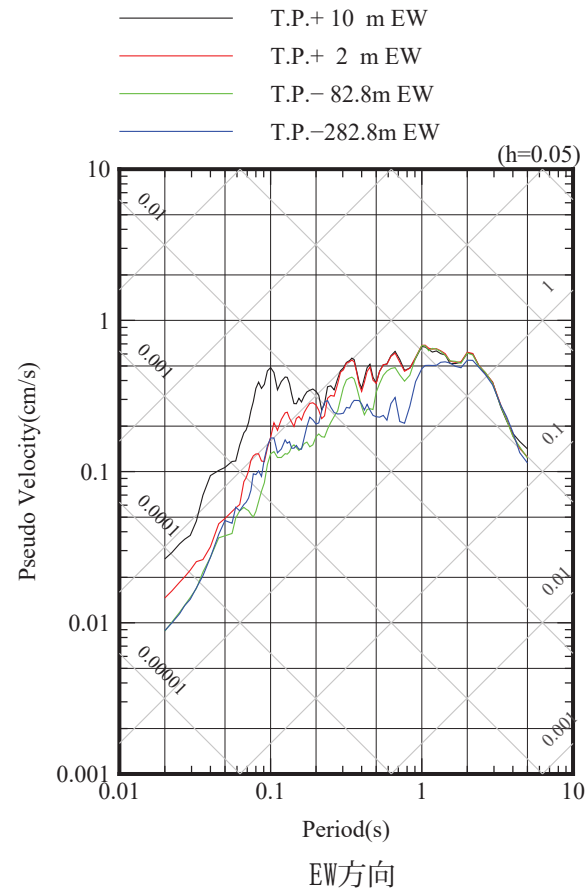
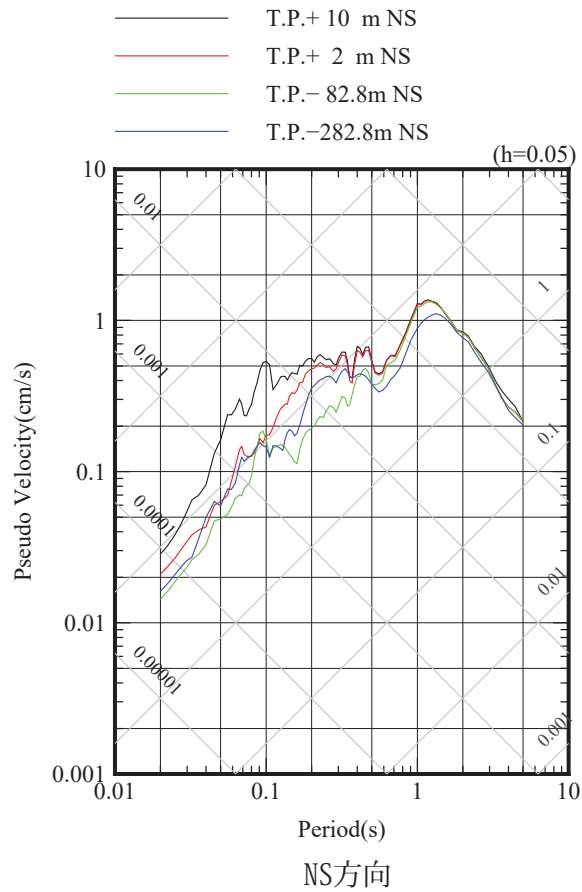
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2000/9/3 (21:35) M4, 深さ=60.14km, 震央距離=128km, 震源距離=141km



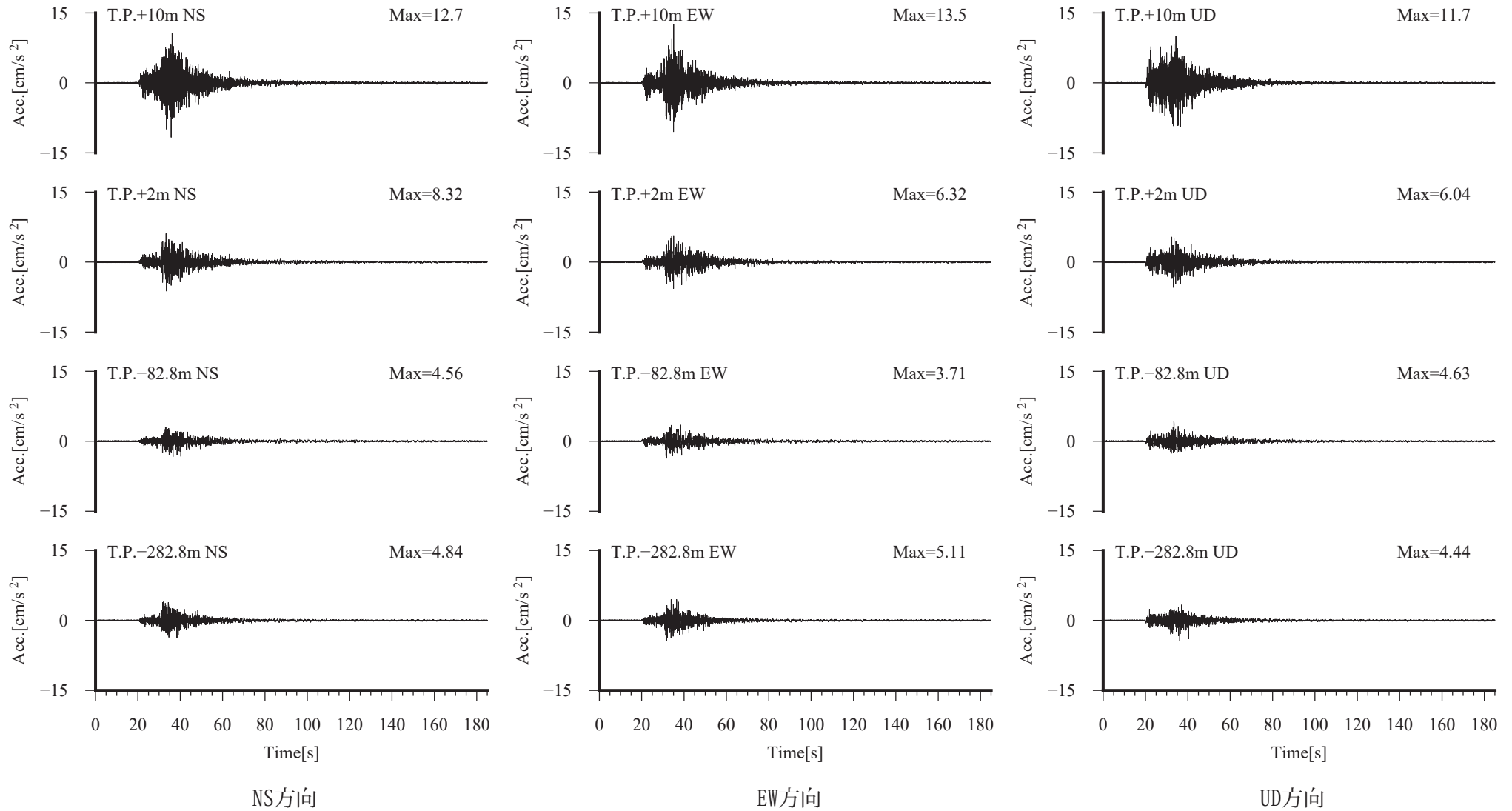
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2001/4/3 (4:54) M5.6, 深さ=63.39km, 震央距離=78km, 震源距離=101km



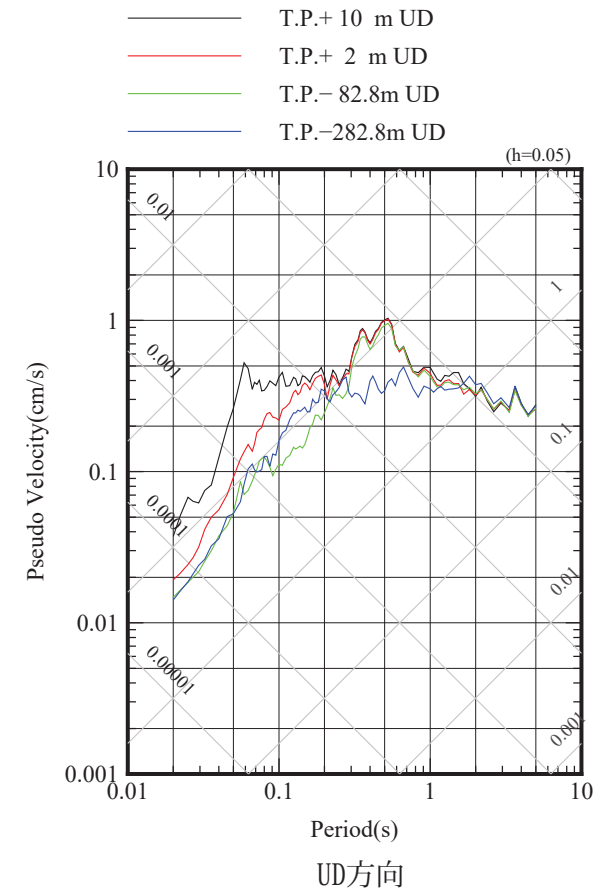
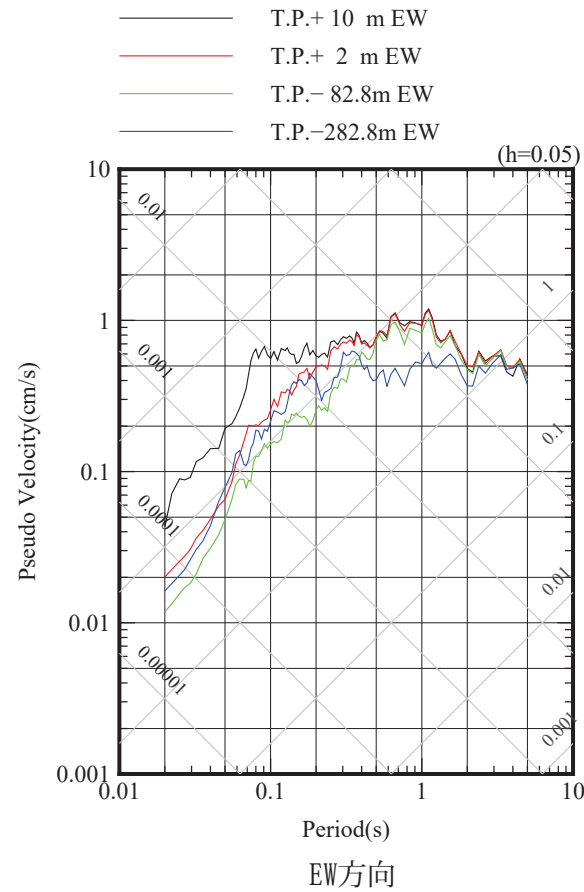
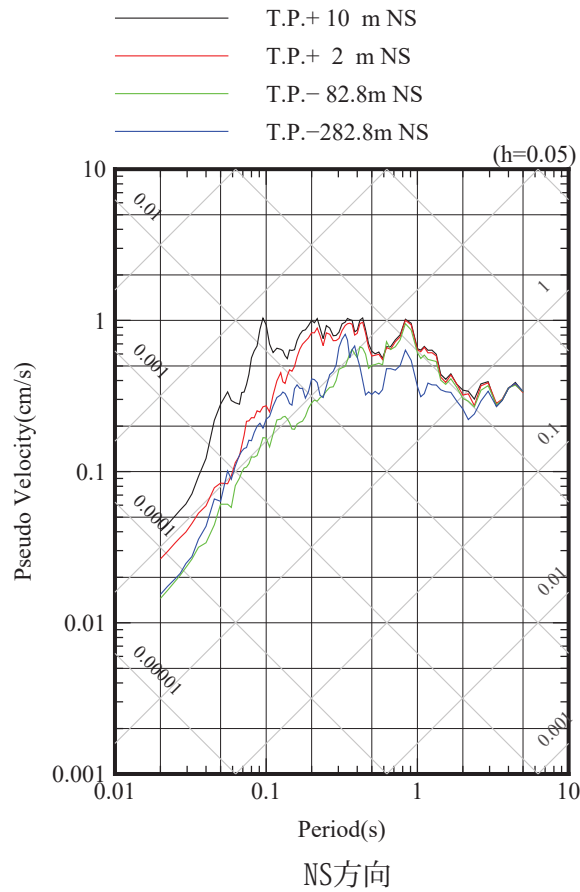
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2001/4/3 (4:54) M5.6, 深さ=63.39km, 震央距離=78km, 震源距離=101km



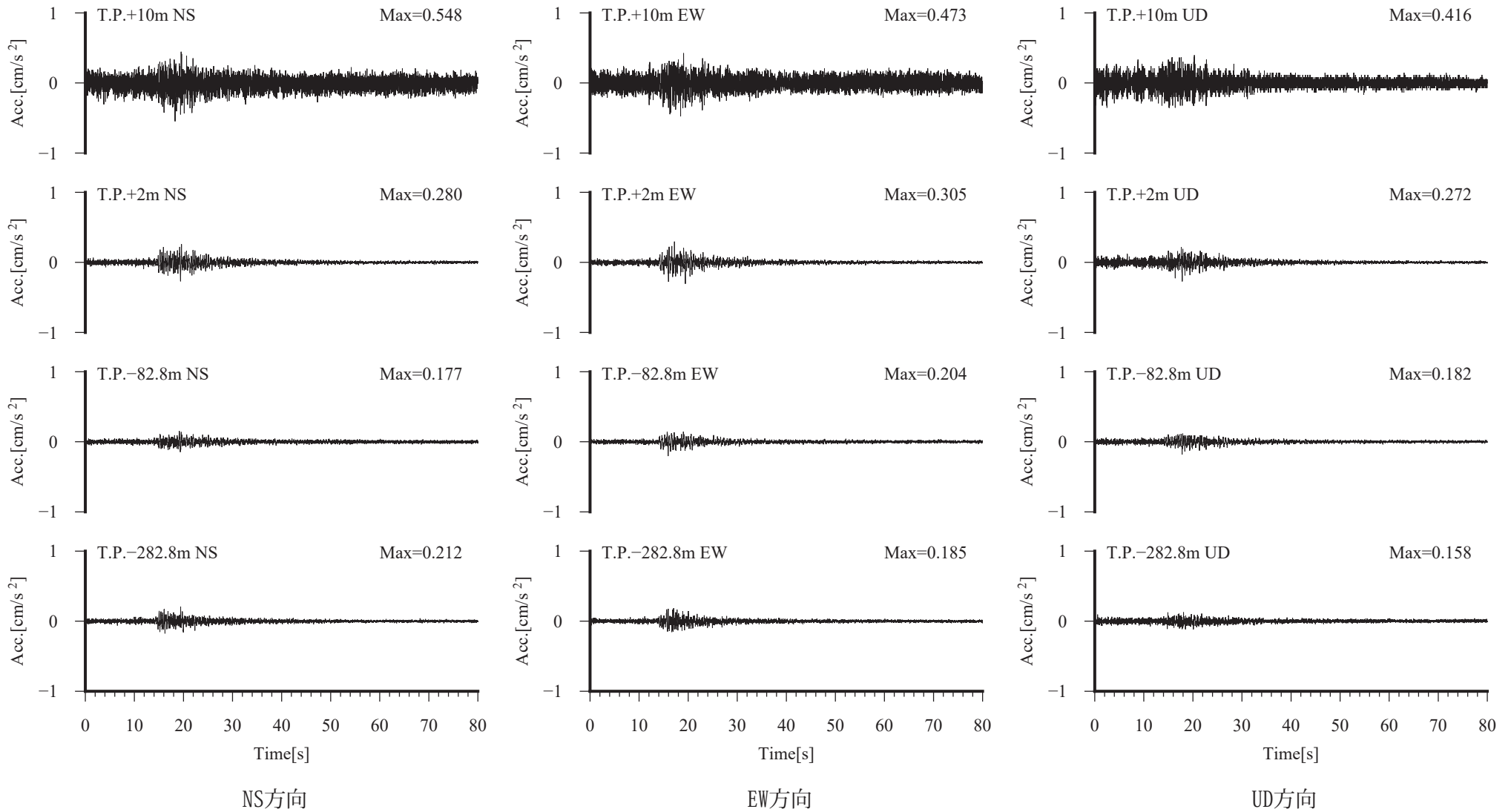
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2001/8/14 (5:11) M6.4, 深さ=37.69km, 震央距離=90km, 震源距離=98km



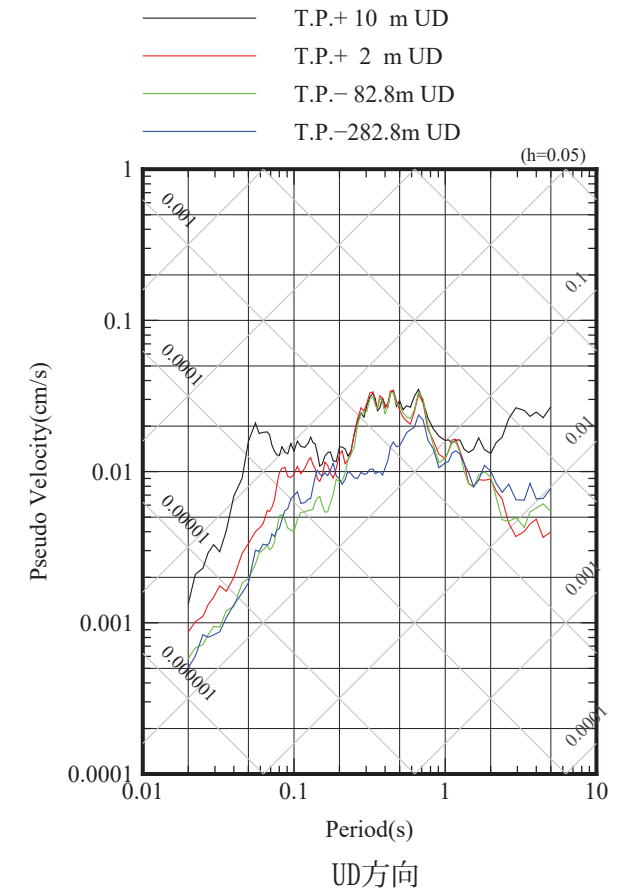
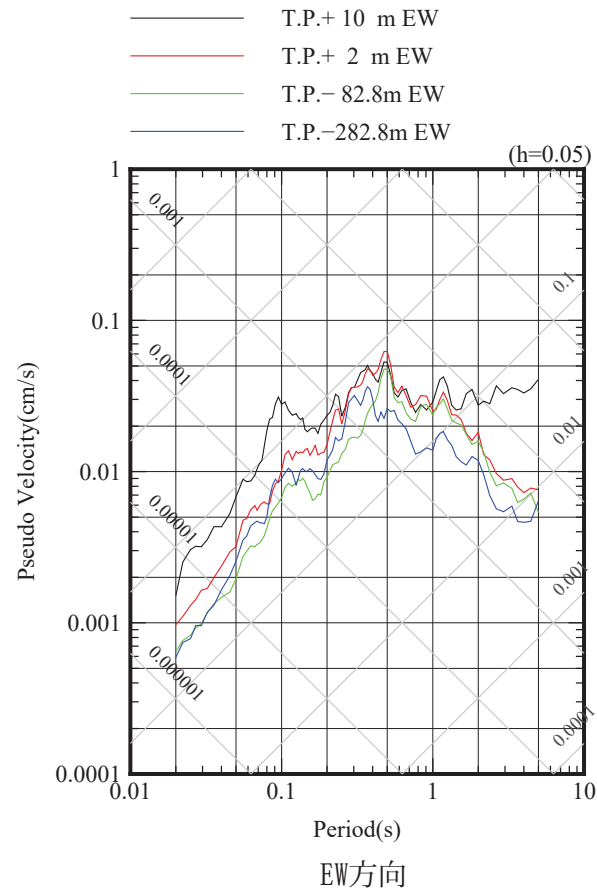
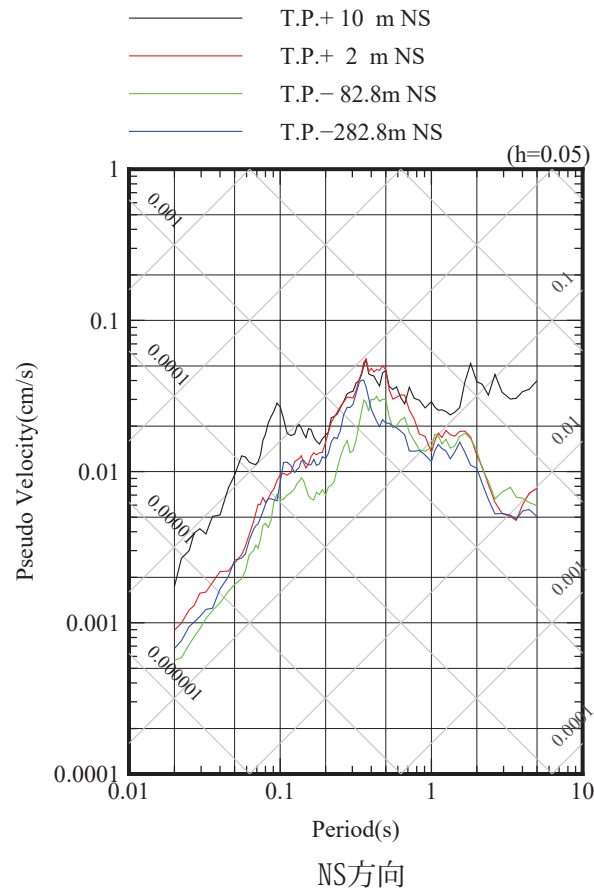
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2001/8/14 (5:11) M6.4, 深さ=37.69km, 震央距離=90km, 震源距離=98km



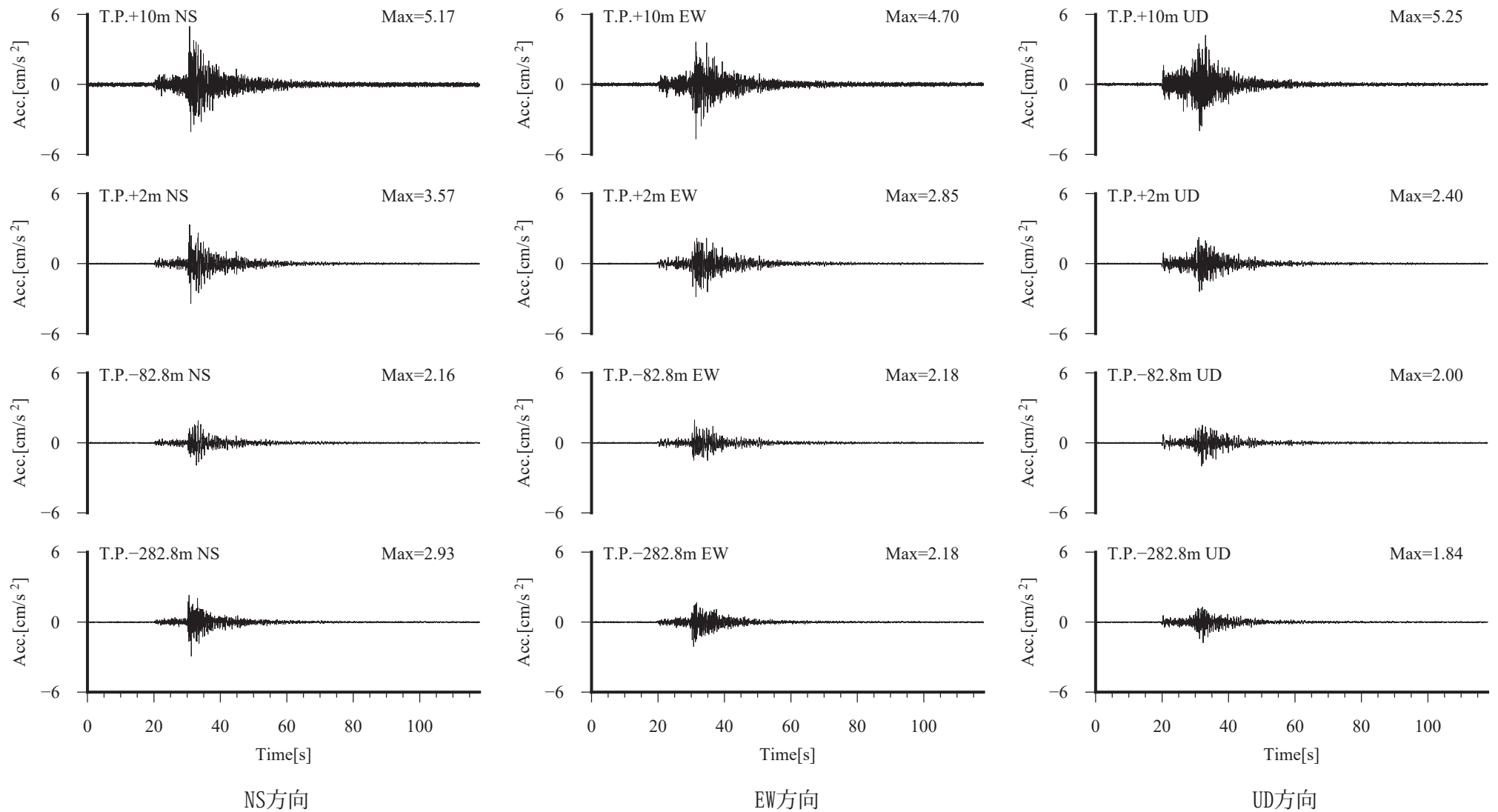
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2001/8/16 (5:32) M4.4, 深さ=63.27km, 震央距離=144km, 震源距離=158km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

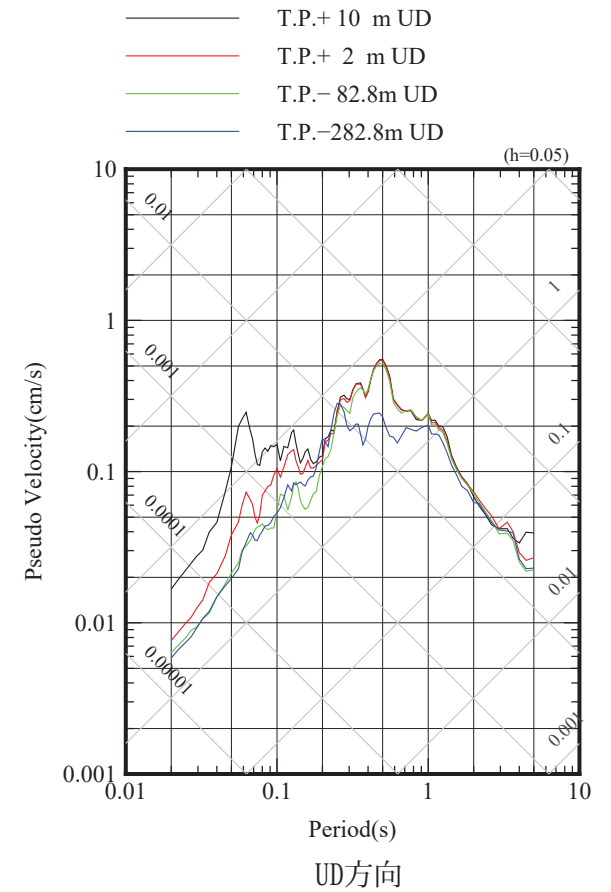
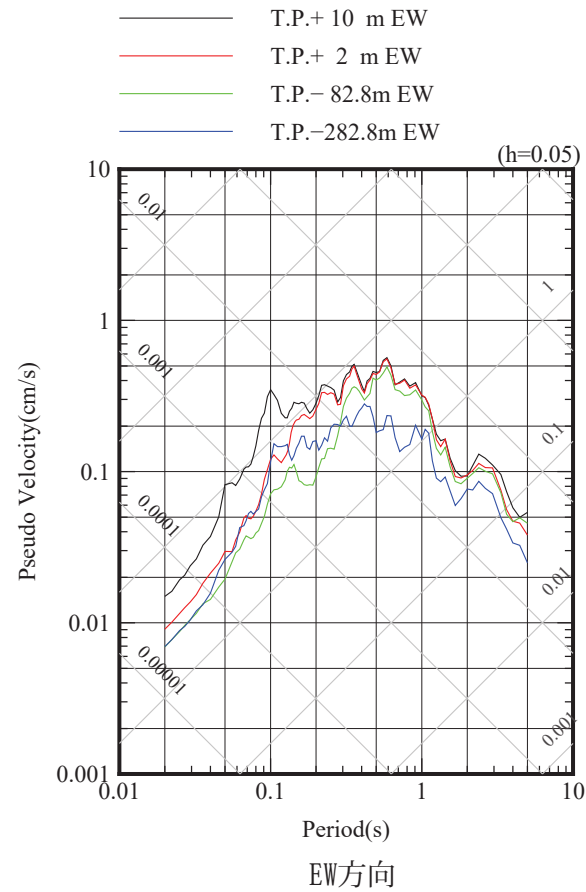
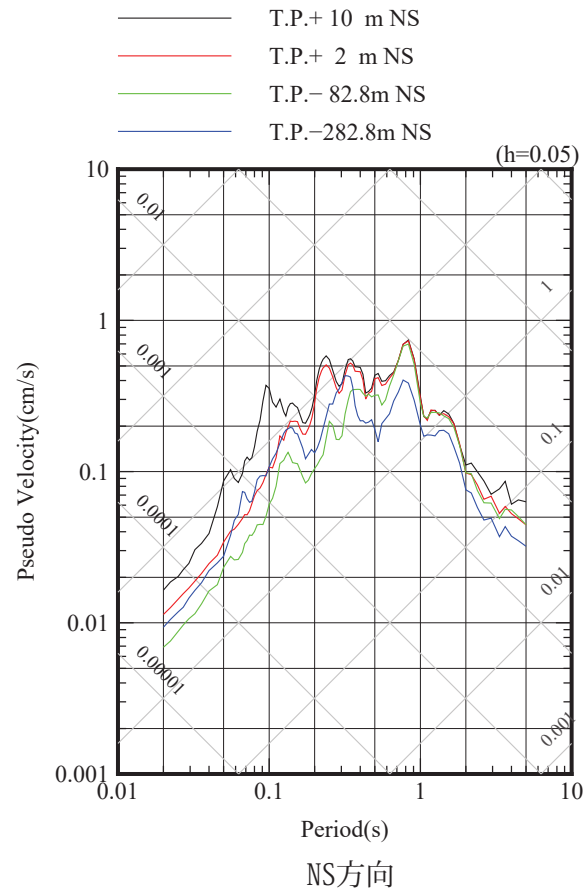
2001/8/16 (5:32) M4.4, 深さ=63.27km, 震央距離=144km, 震源距離=158km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

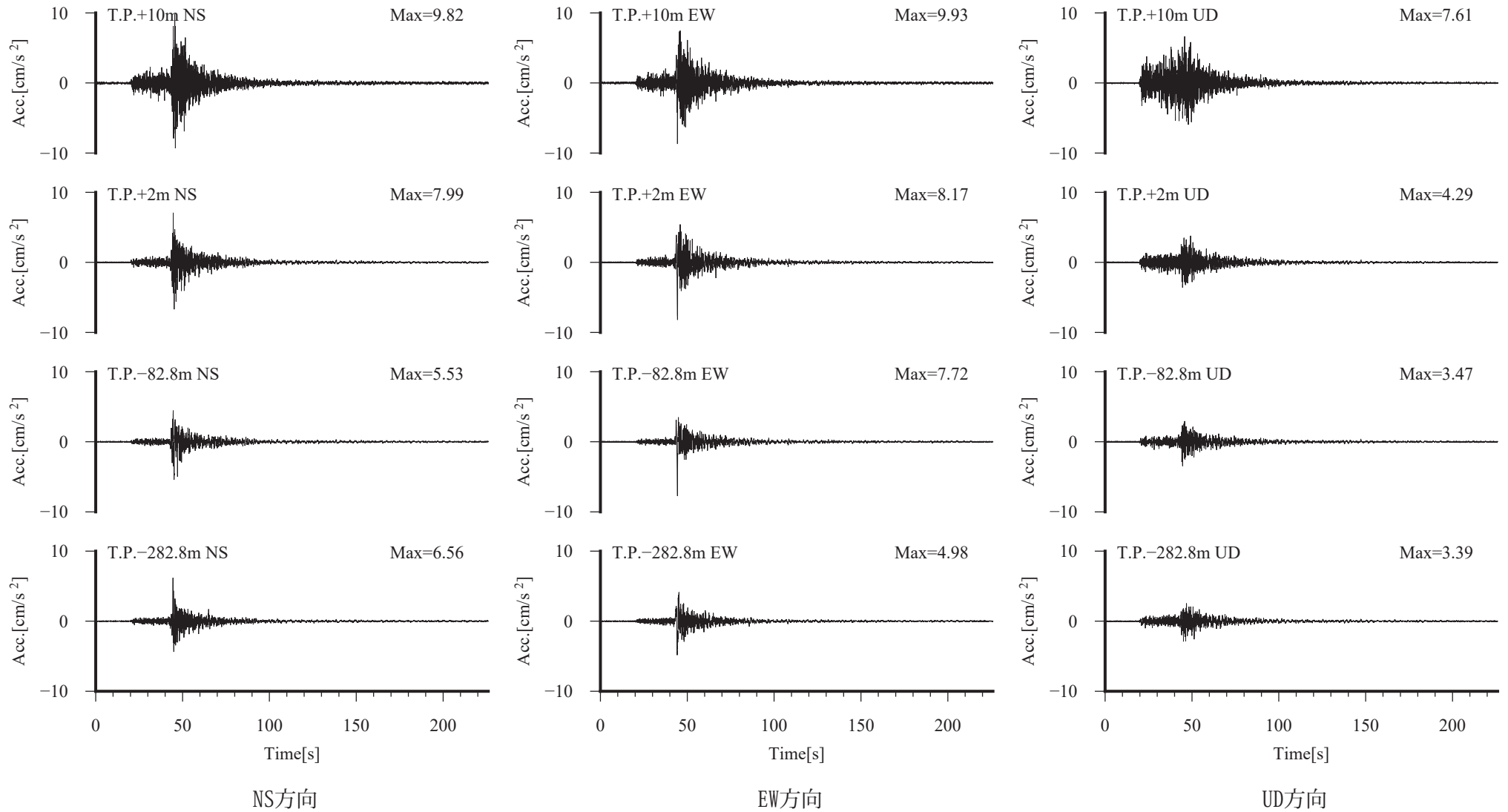
2001/8/24 (18:48) M5.3, 深さ=40.72km, 震央距離=85km, 震源距離=95km





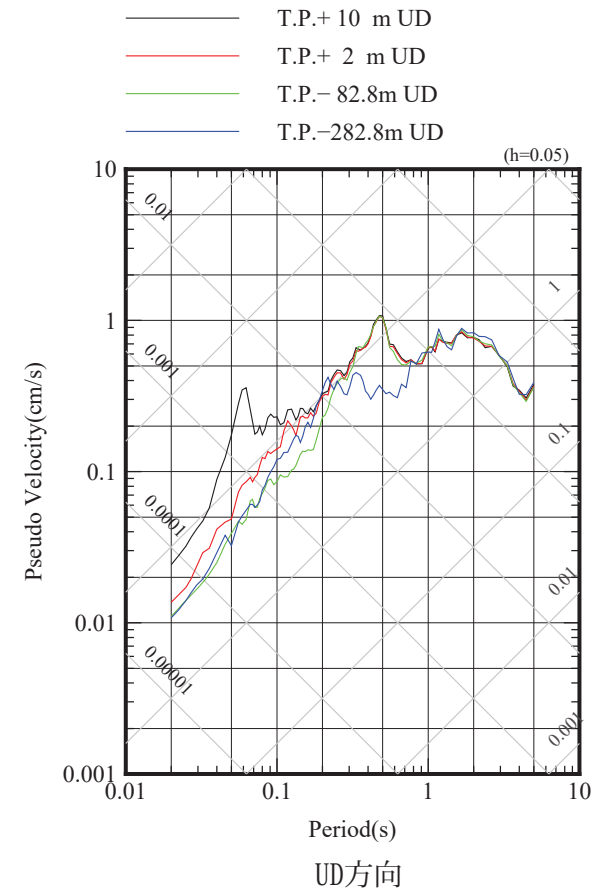
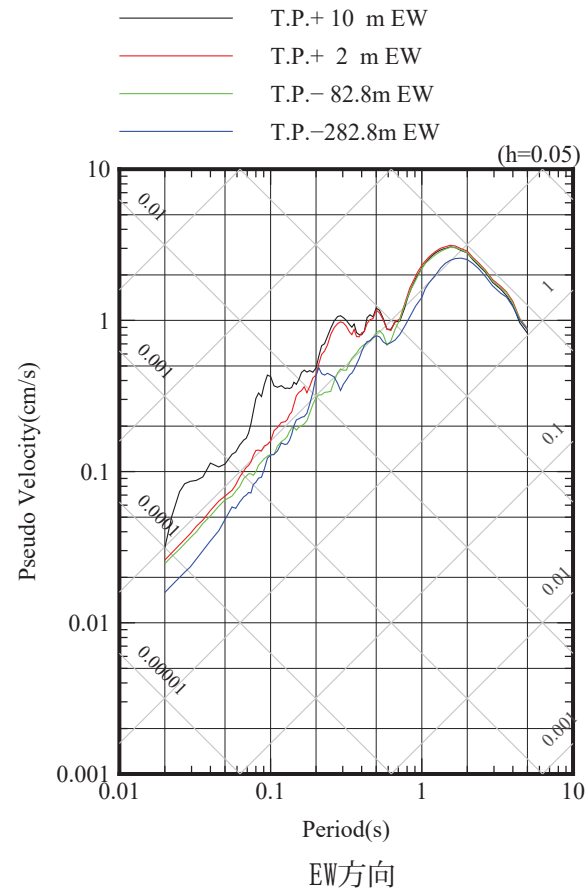
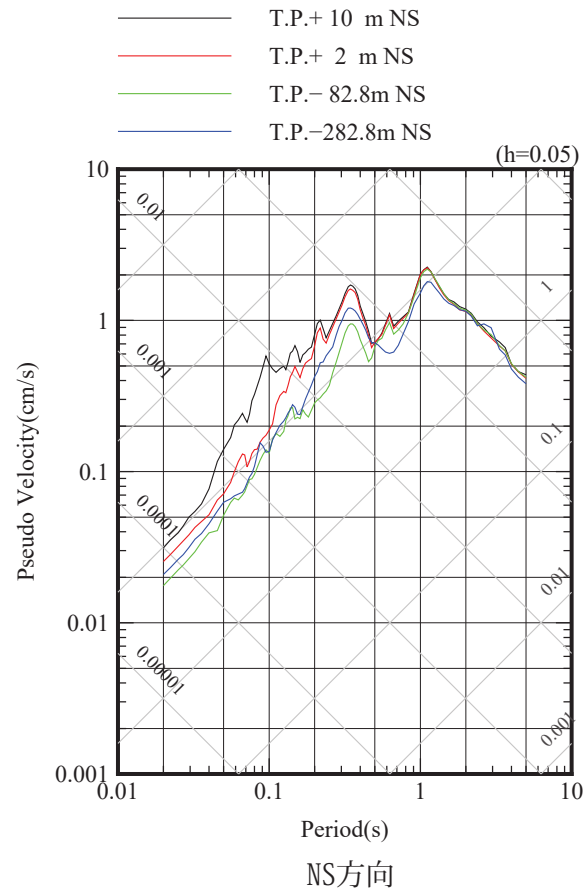
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2001/8/24 (18:48) M5.3, 深さ=40.72km, 震央距離=85km, 震源距離=95km



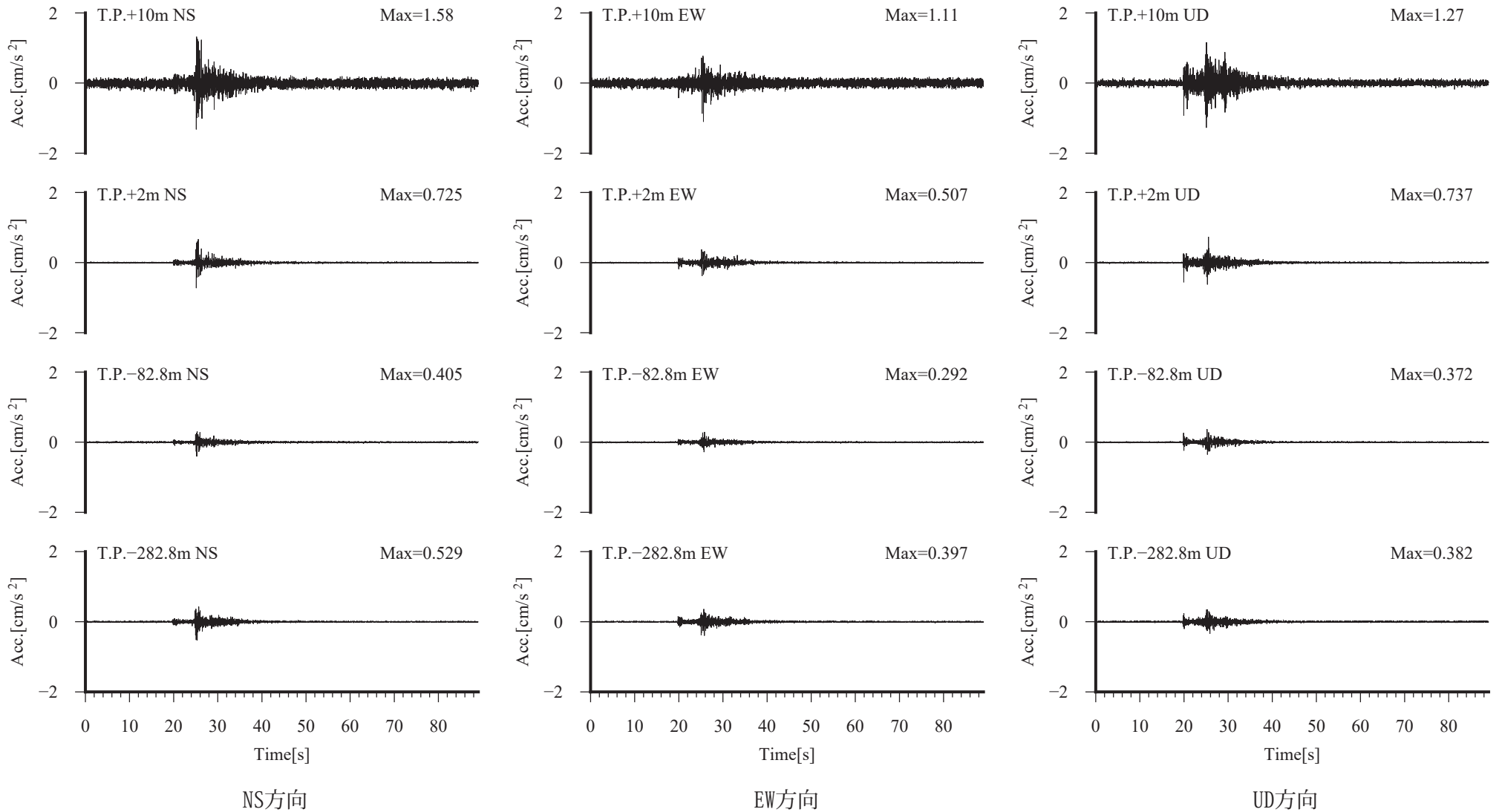
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2001/12/2 (22:1) M6.4, 深さ=121.5km, 震央距離=199km, 震源距離=233km



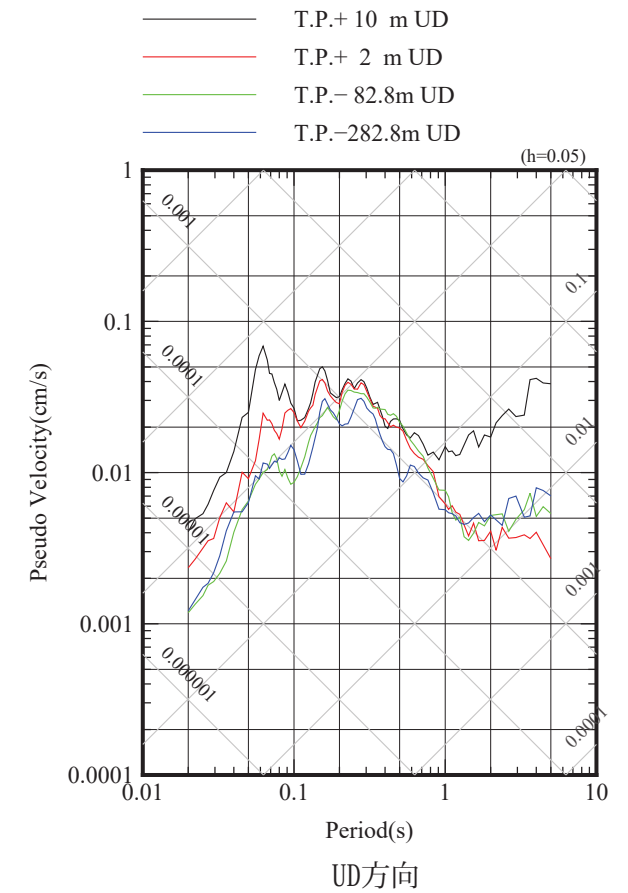
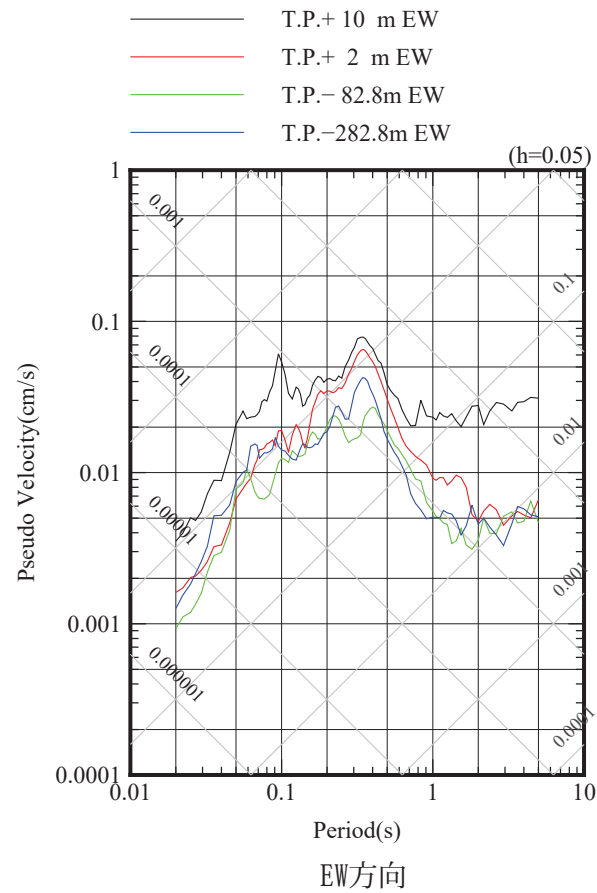
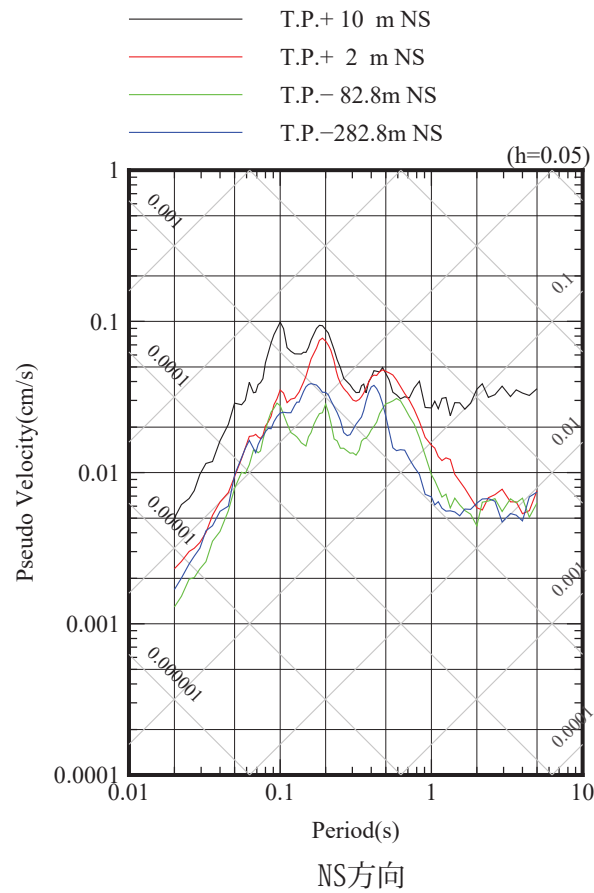
自由地盤 討に用いた地震の擬似速度応答スペクトル

2001/12/2 (22:1) M6.4, 深さ=121.5km, 震央距離=199km, 震源距離=233km



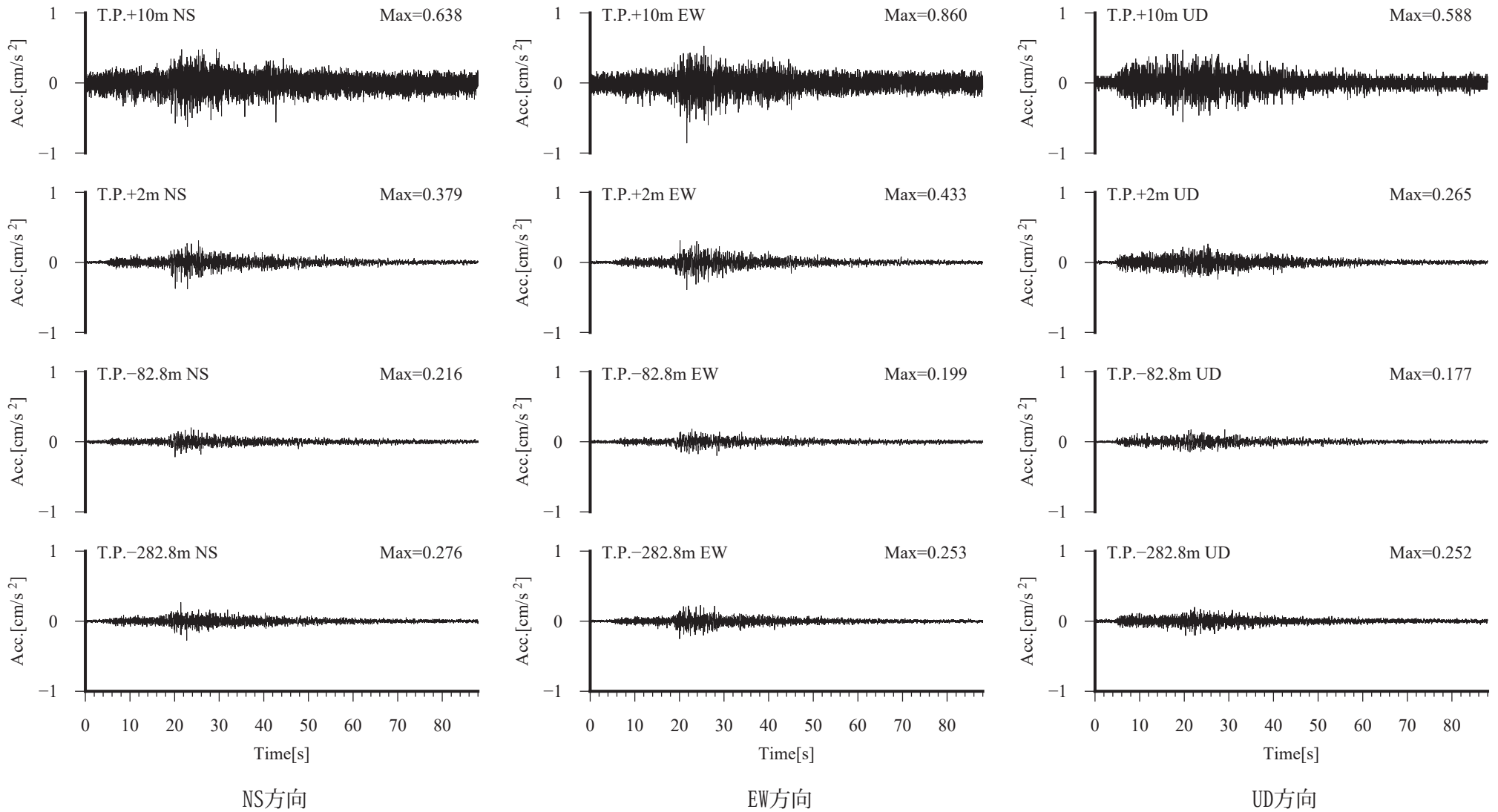
自由地盤 検討に用いた地震の加速度時刻歴波形

2001/12/6 (15:13) M3.6, 深さ=11.82km, 震央距離=42km, 震源距離=43km



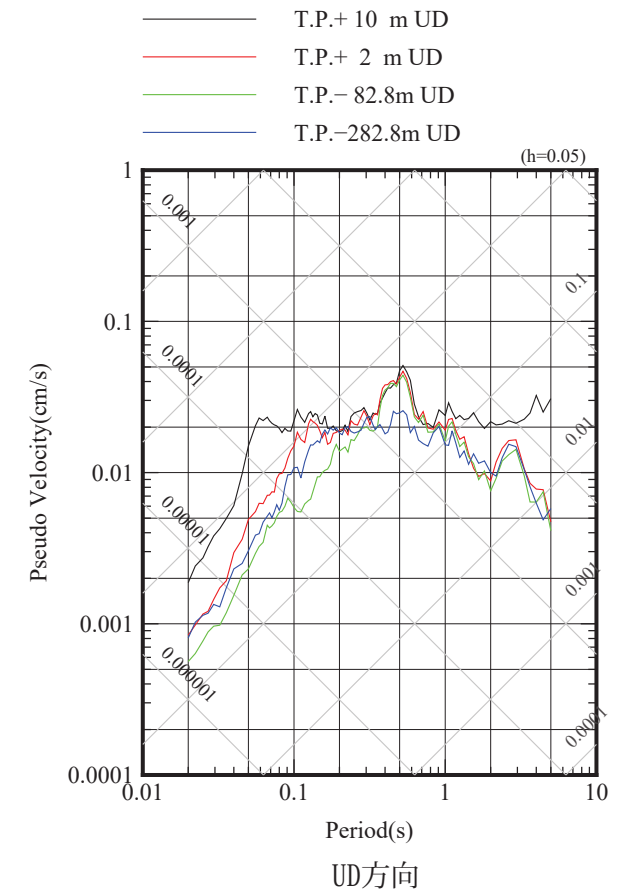
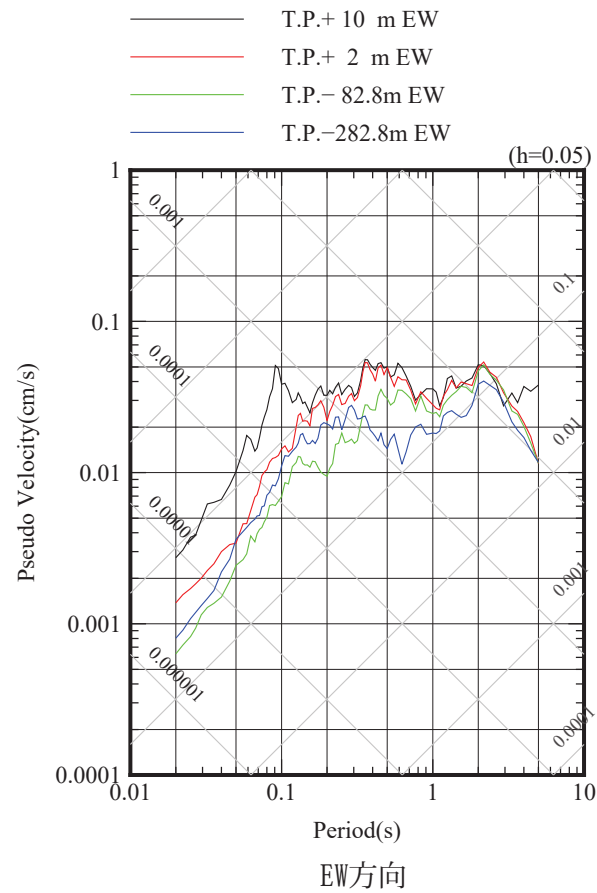
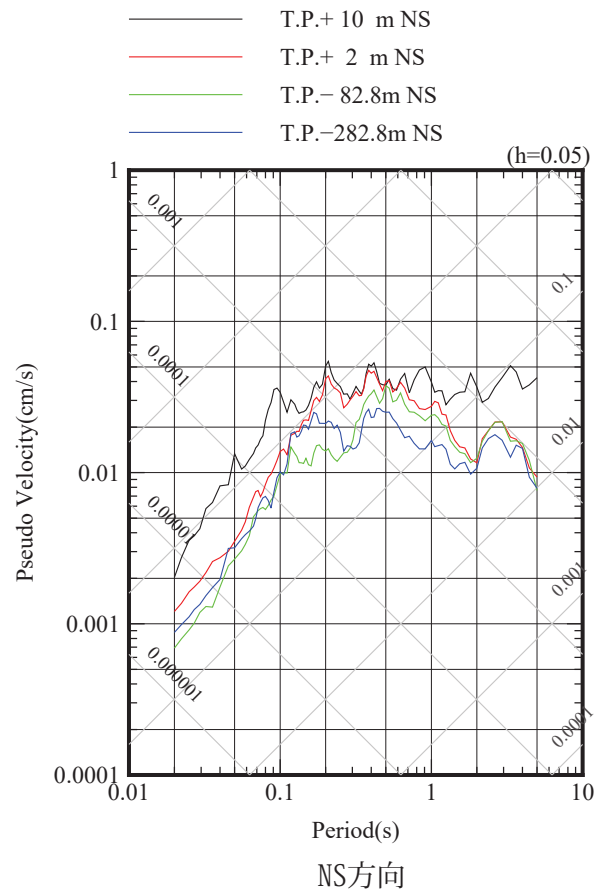
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2001/12/6 (15:13) M3.6, 深さ=11.82km, 震央距離=42km, 震源距離=43km



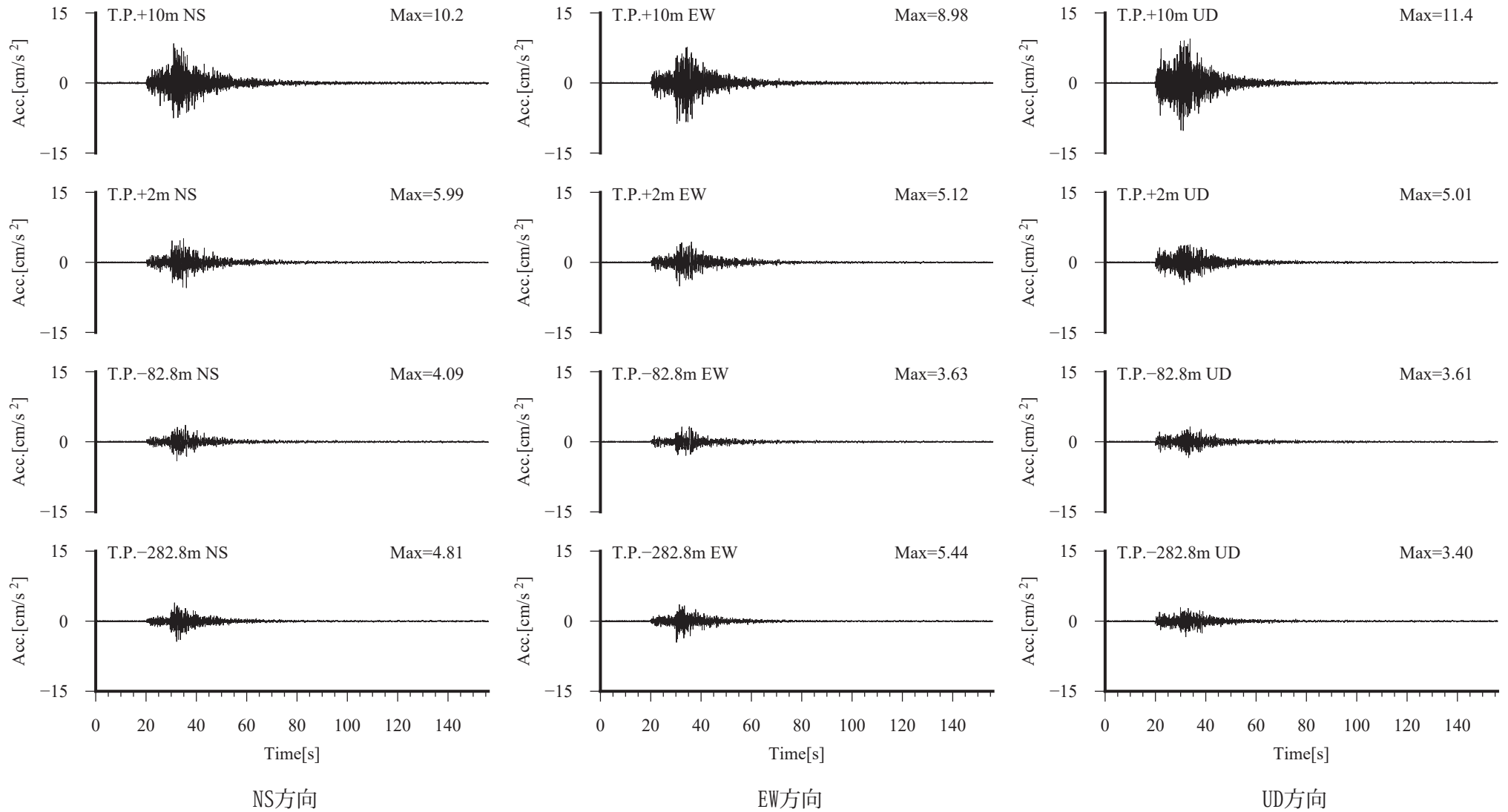
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2002/8/29 (18:4) M4.7, 深さ=66.67km, 震央距離=113km, 震源距離=131km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

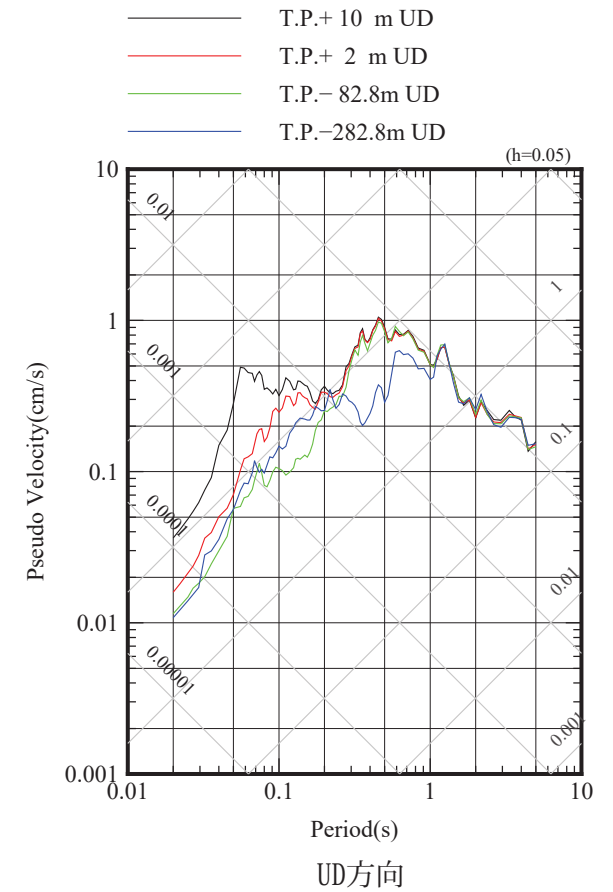
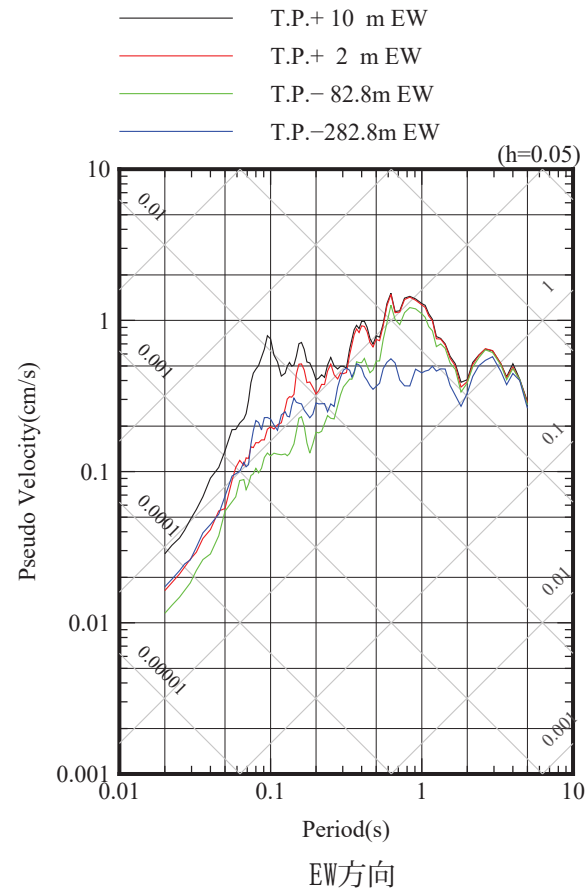
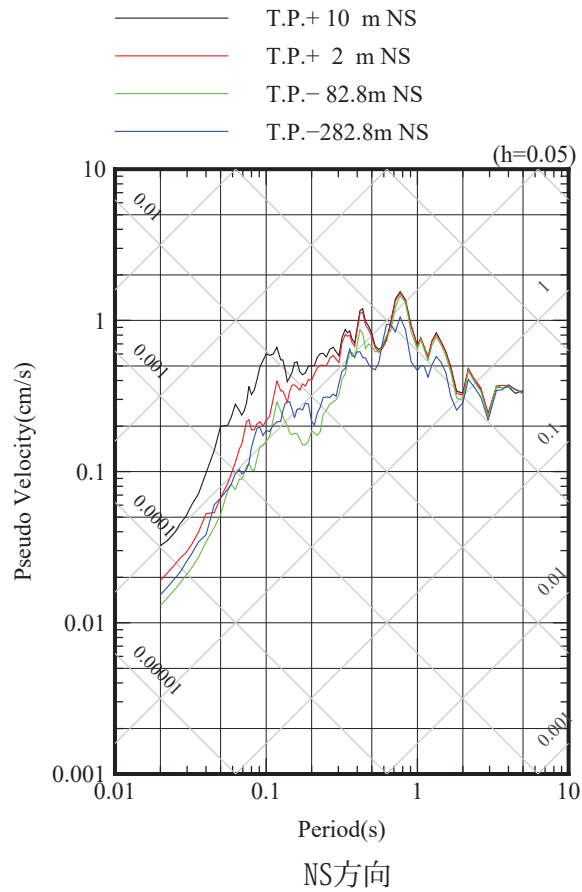
2002/8/29 (18:4) M4.7, 深さ=66.67km, 震央距離=113km, 震源距離=131km



自由地盤 検討に用いた地震の加速度時刻歴波形

2002/10/14 (23:12) M6.1, 深さ=52.71km, 震央距離=75km, 震源距離=92km

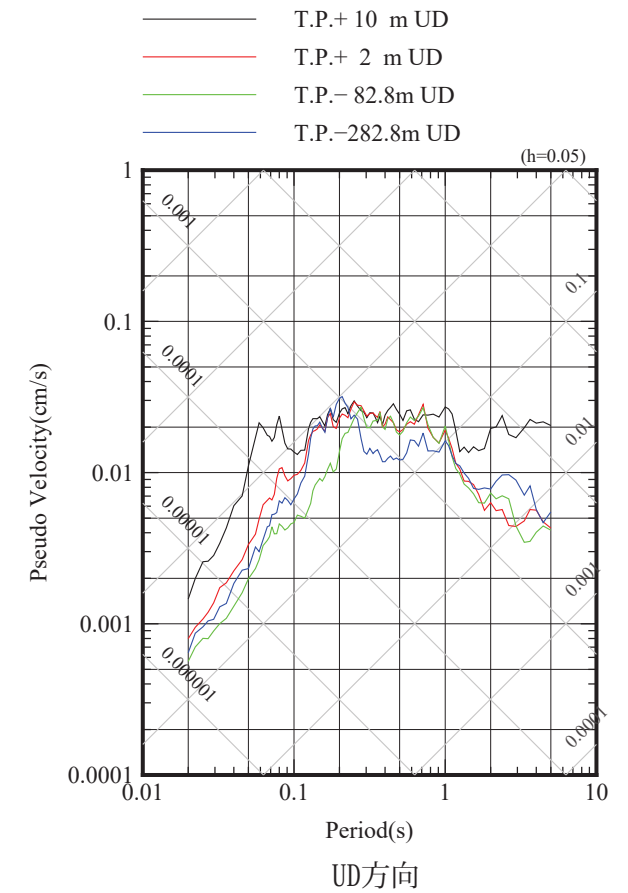
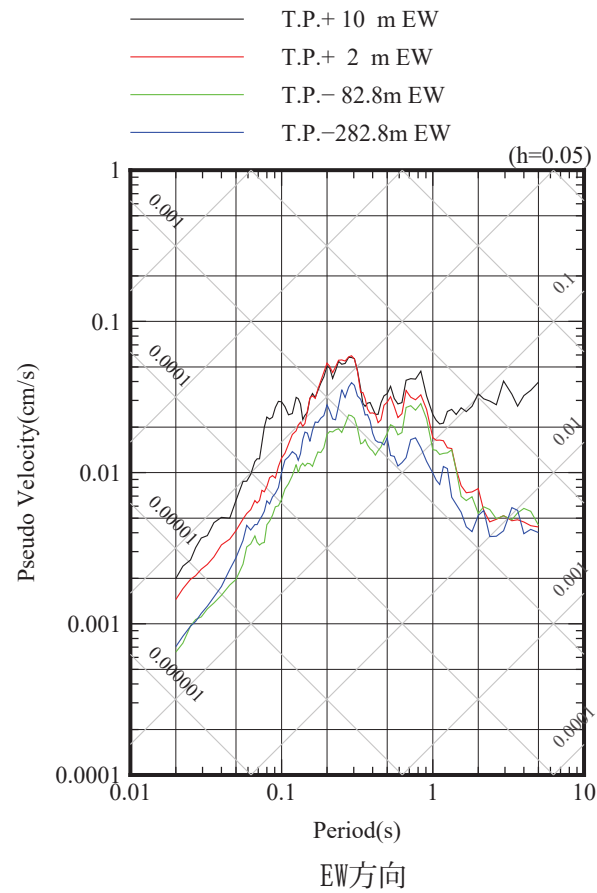
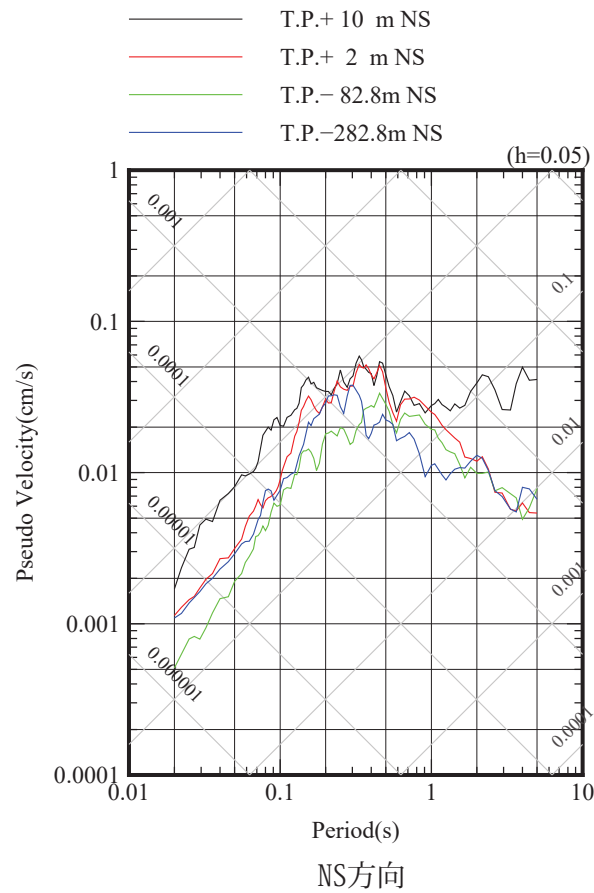




自由地盤 検討に用いた地震の擬似速度応答スペクトル

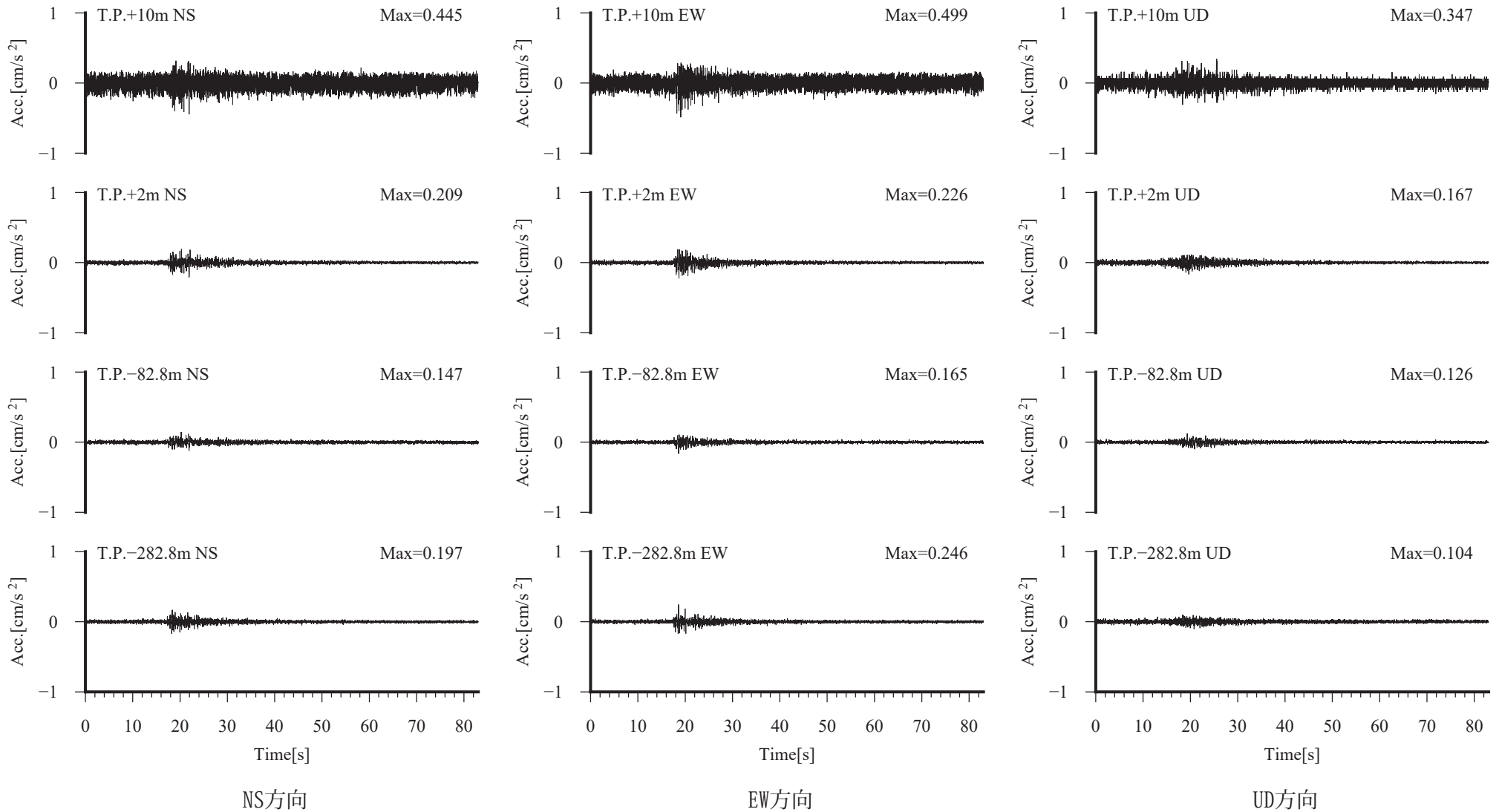
2002/10/14 (23:12) M6.1, 深さ=52.71km, 震央距離=75km, 震源距離=92km





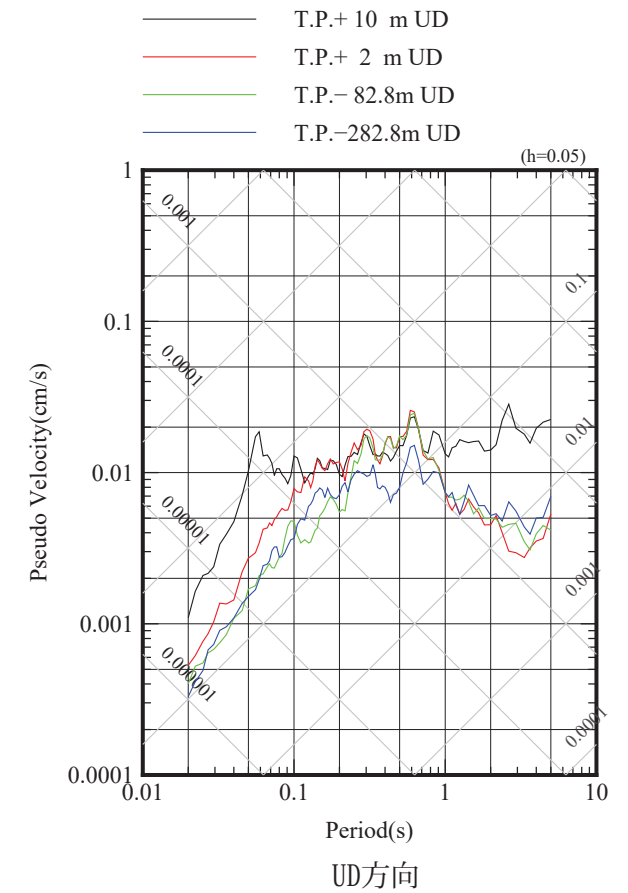
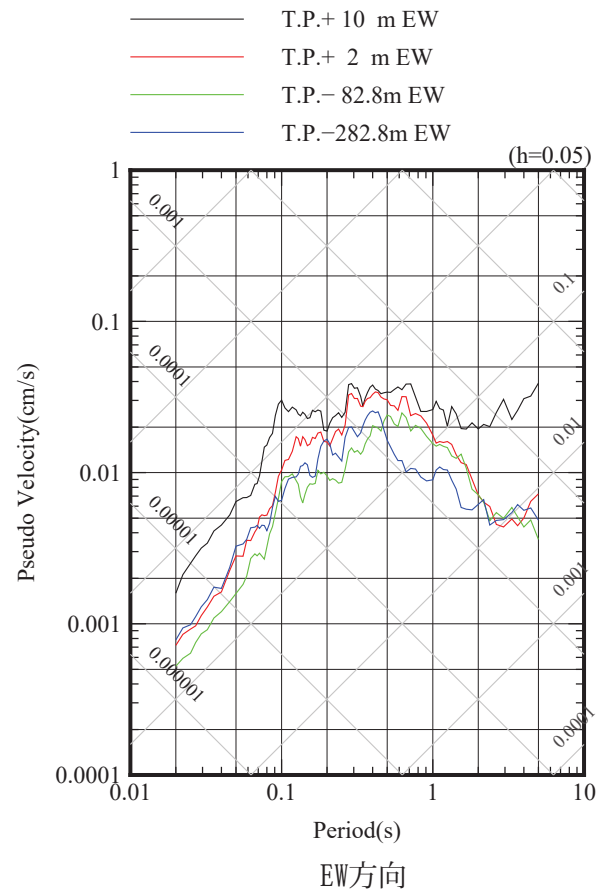
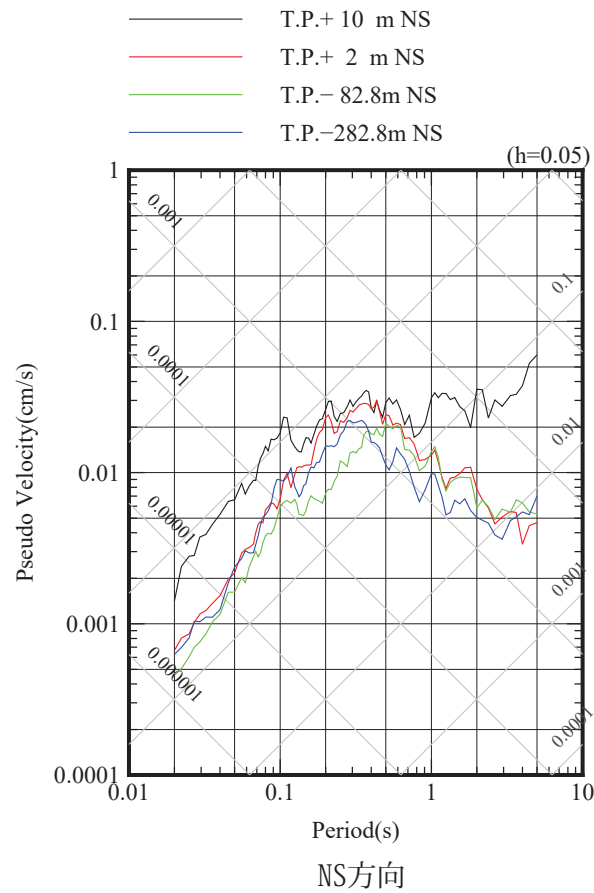
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2002/10/19 (5:26) M4.4, 深さ=79.91km, 震央距離=125km, 震源距離=149km



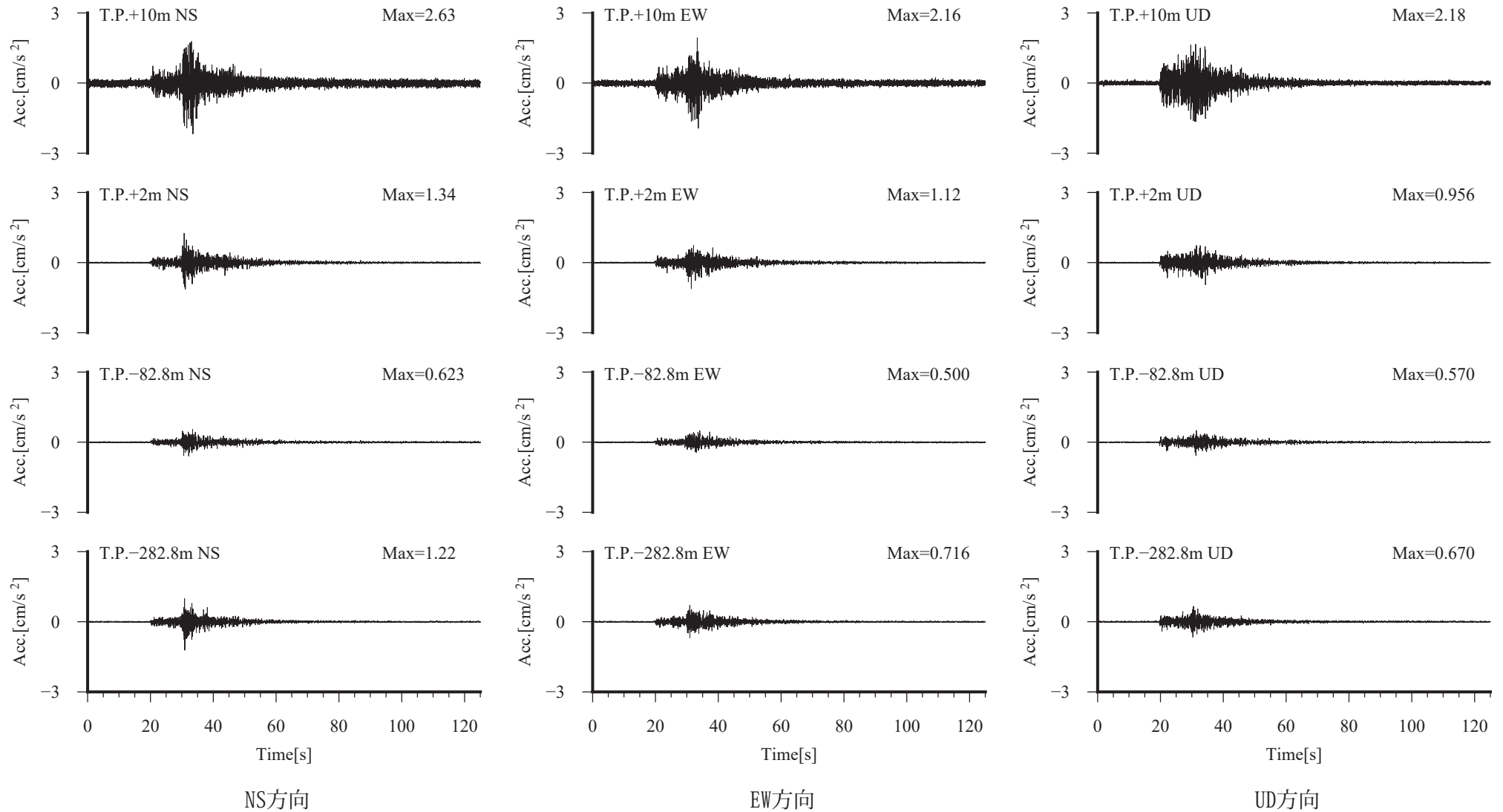
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2002/10/31 (12:15) M4.2, 深さ=114.33km, 震央距離=218km, 震源距離=246km



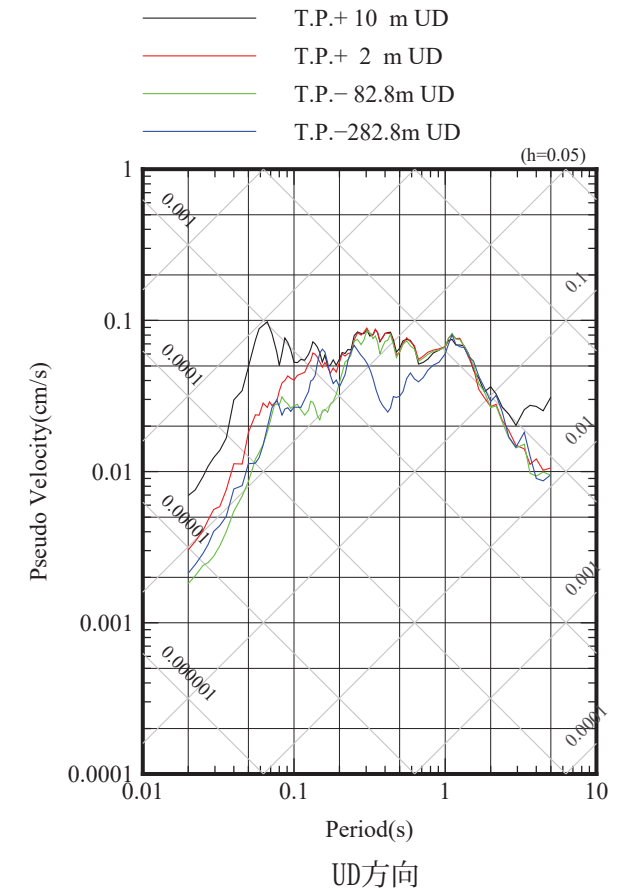
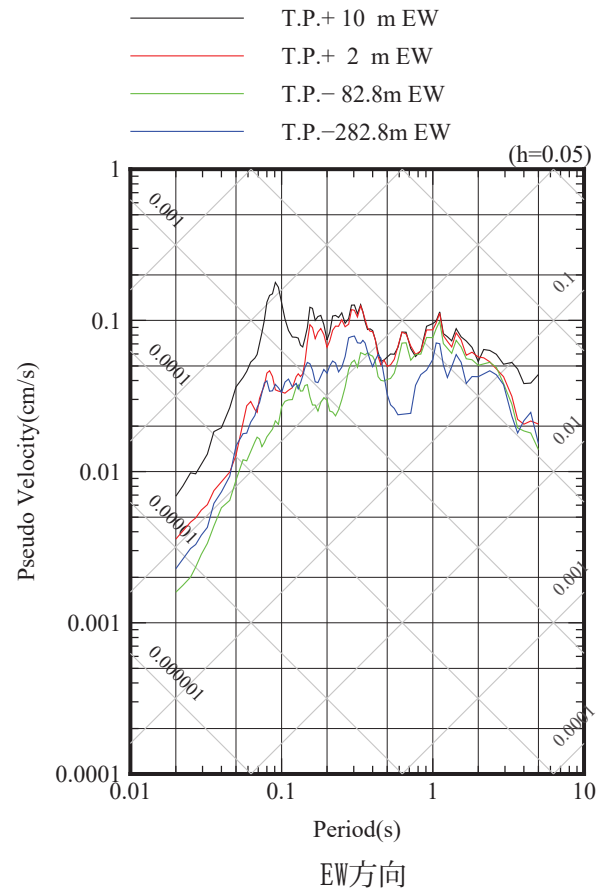
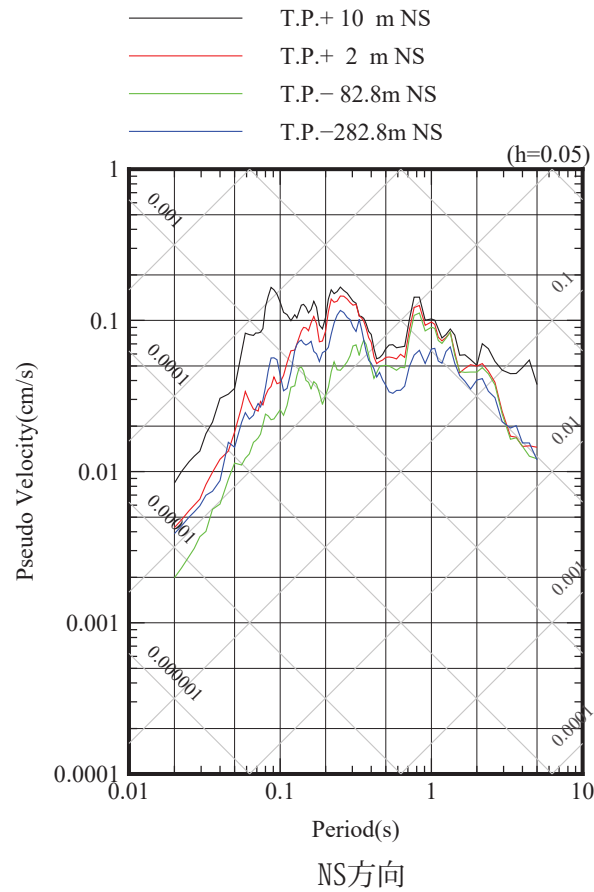
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2002/10/31 (12:15) M4.2, 深さ=114.33km, 震央距離=218km, 震源距離=246km



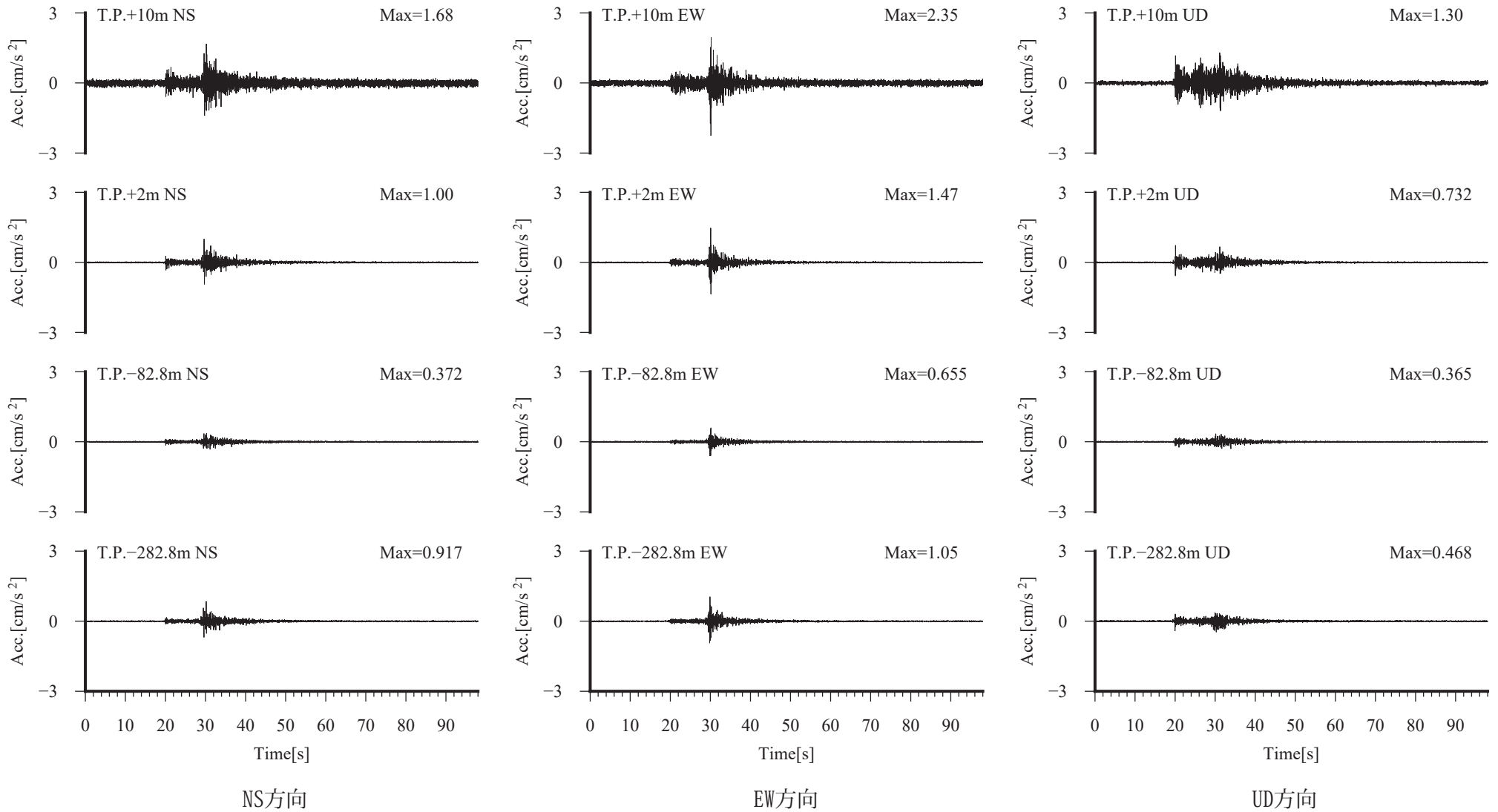
自由地盤 検討に用いた地震の加速度時刻歴波形

2003/1/6 (13:42) M5, 深さ=44.61km, 震央距離=82km, 震源距離=93km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

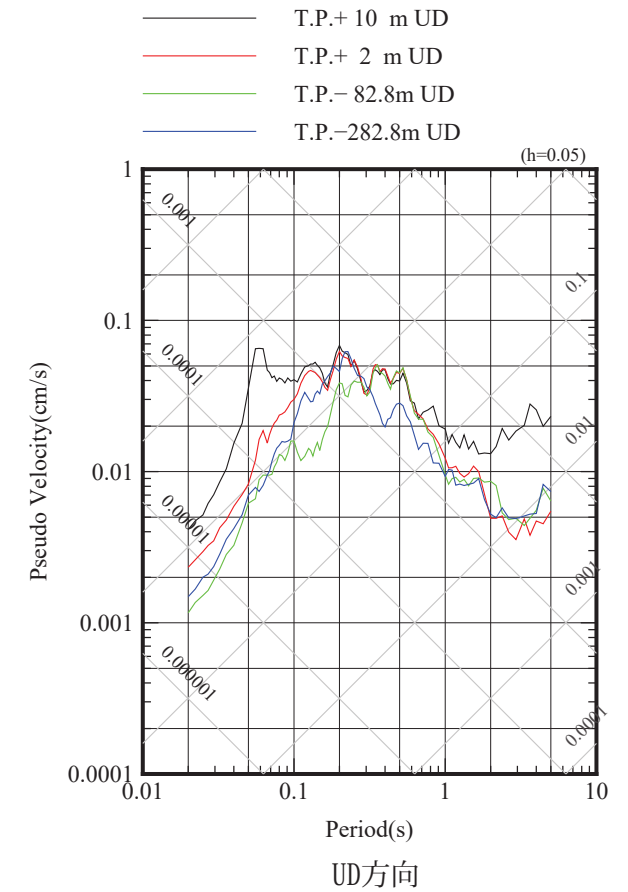
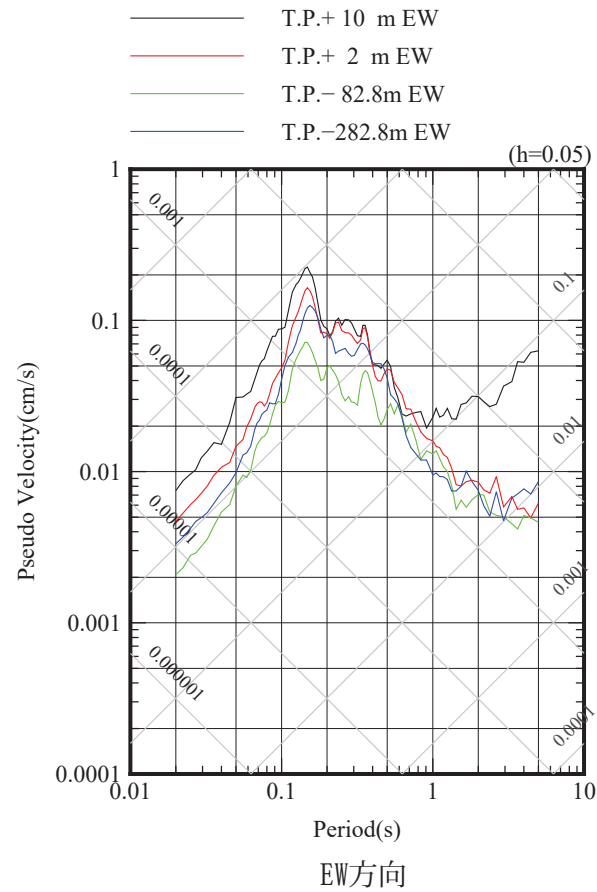
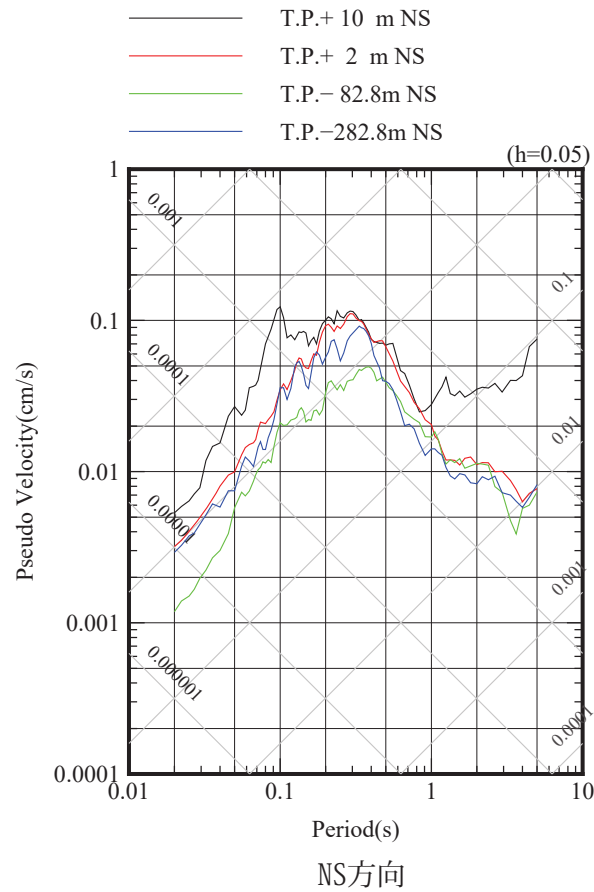
2003/1/6 (13:42) M5, 深さ=44.61km, 震央距離=82km, 震源距離=93km



自由地盤 検討に用いた地震の加速度時刻歴波形

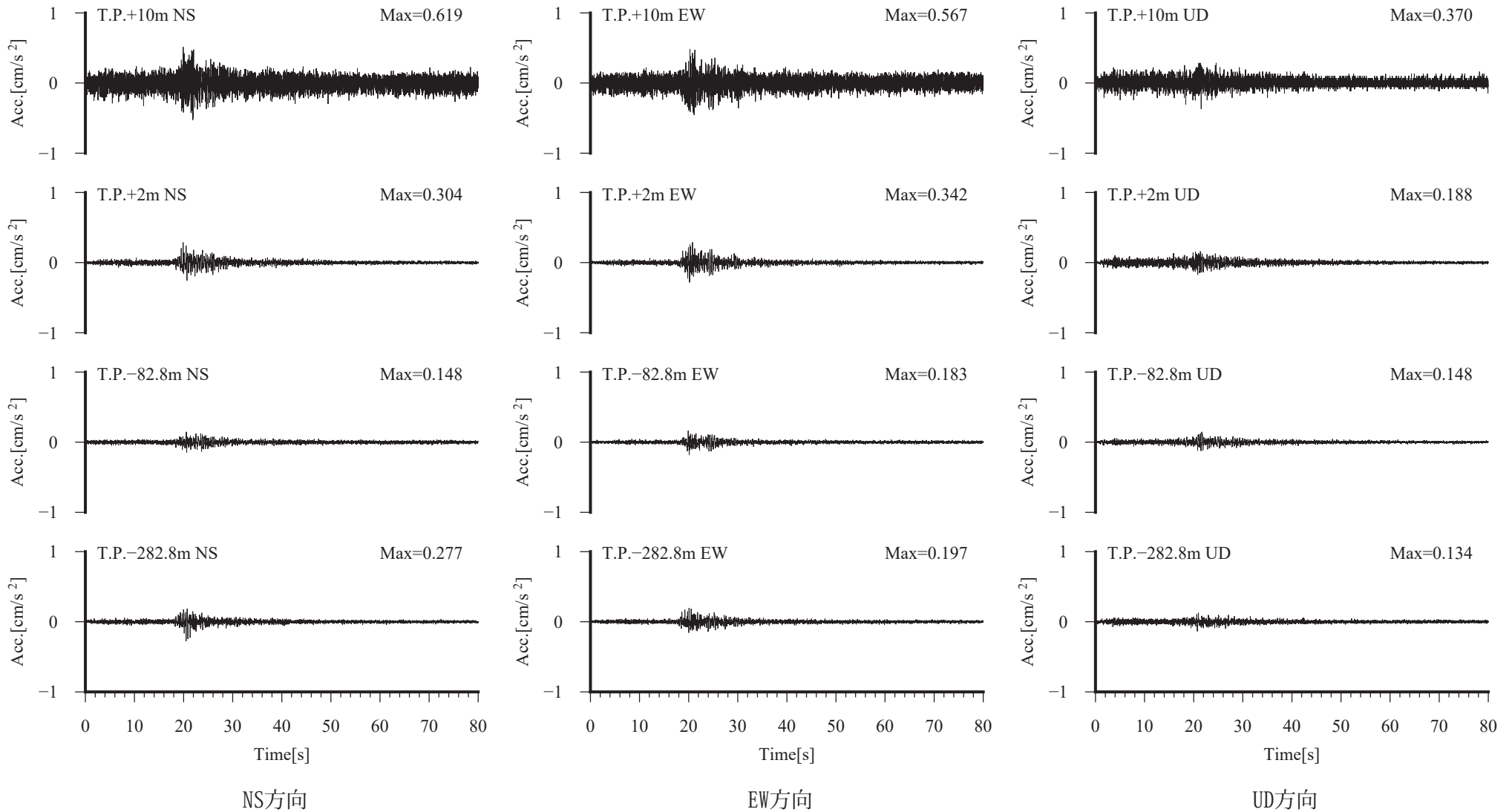
2003/1/13 (13:38) M4.2, 深さ=70.58km, 震央距離=54km, 震源距離=89km





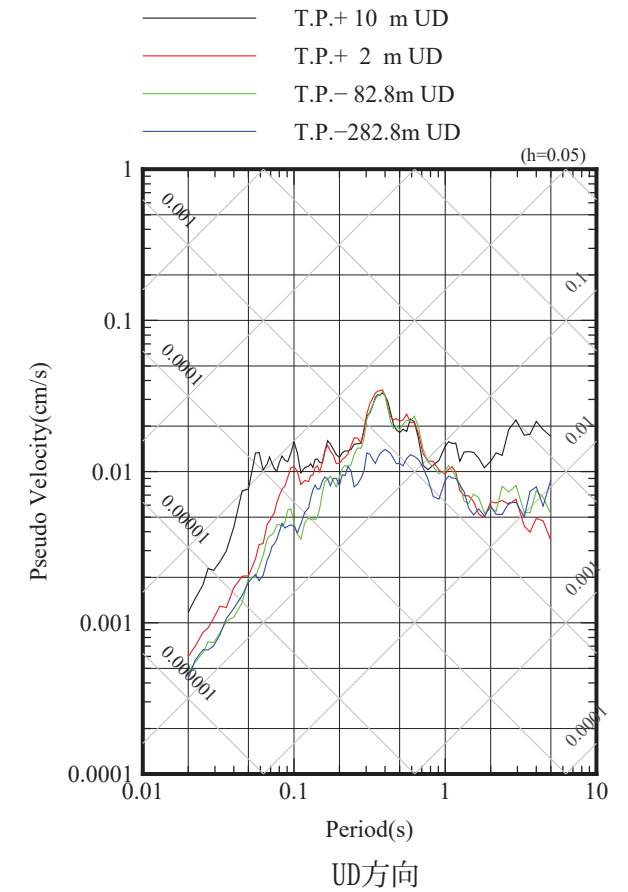
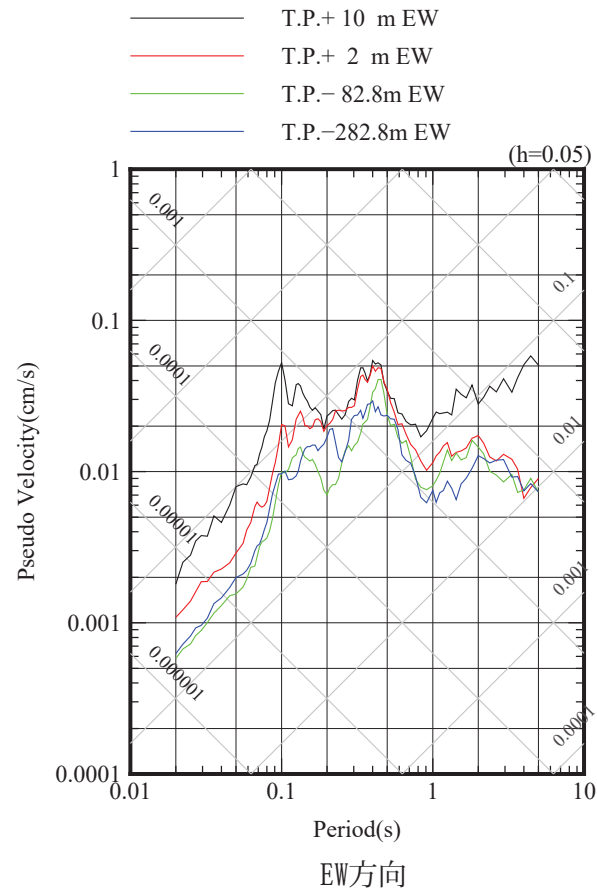
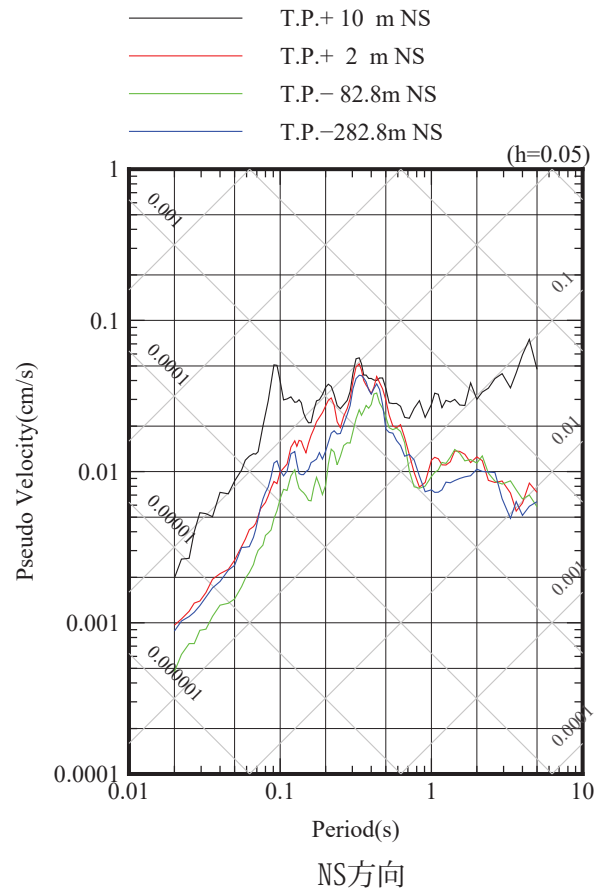
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/1/13 (13:38) M4.2, 深さ=70.58km, 震央距離=54km, 震源距離=89km



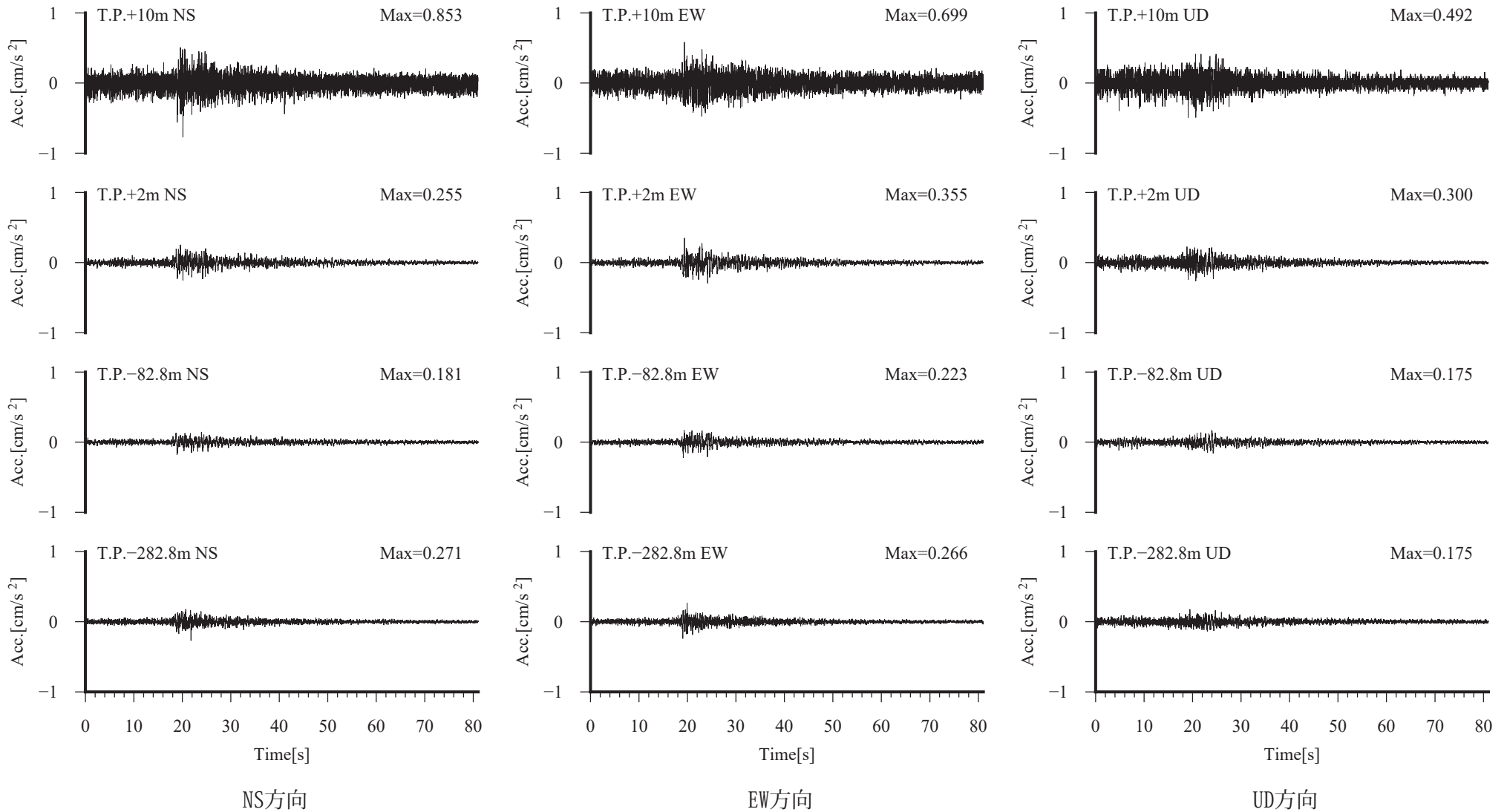
自由地盤 検討に用いた地震の加速度時刻歴波形

2003/2/23 (22:38) M4.3, 深さ=121.67km, 震央距離=116km, 震源距離=168km



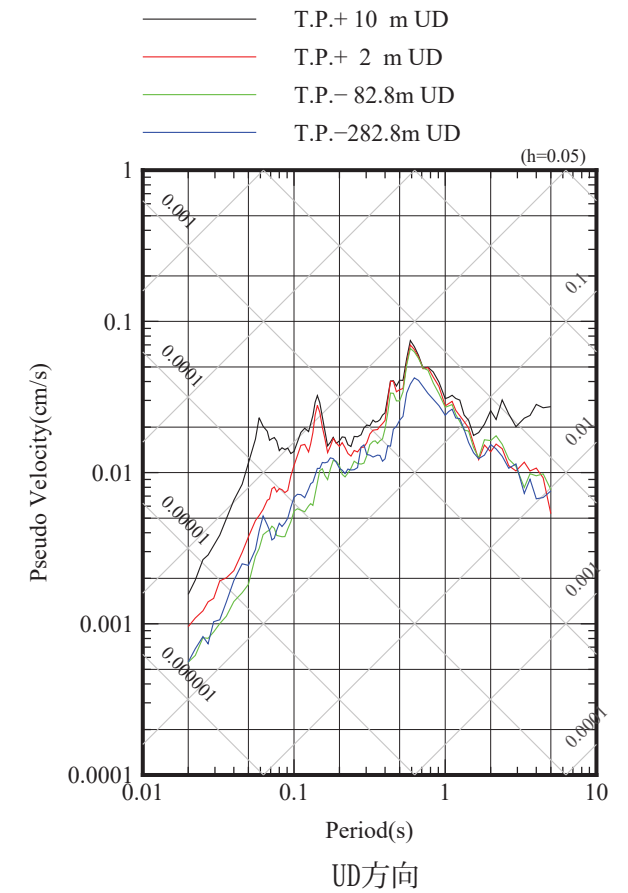
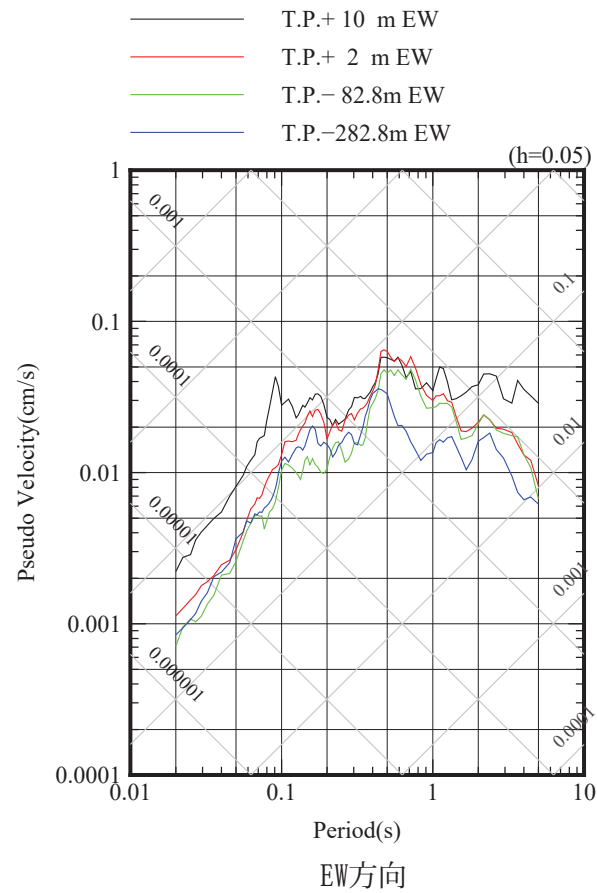
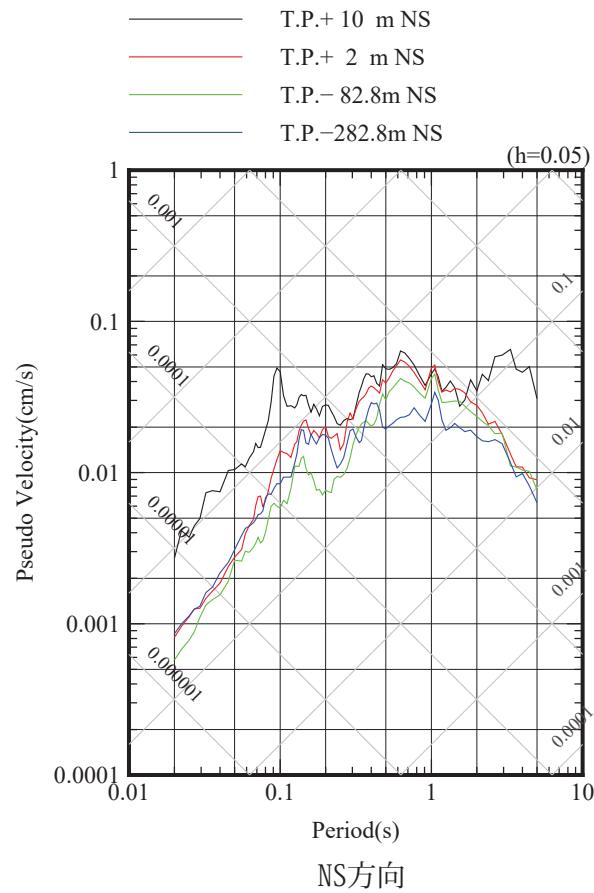
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/2/23 (22:38) M4.3, 深さ=121.67km, 震央距離=116km, 震源距離=168km



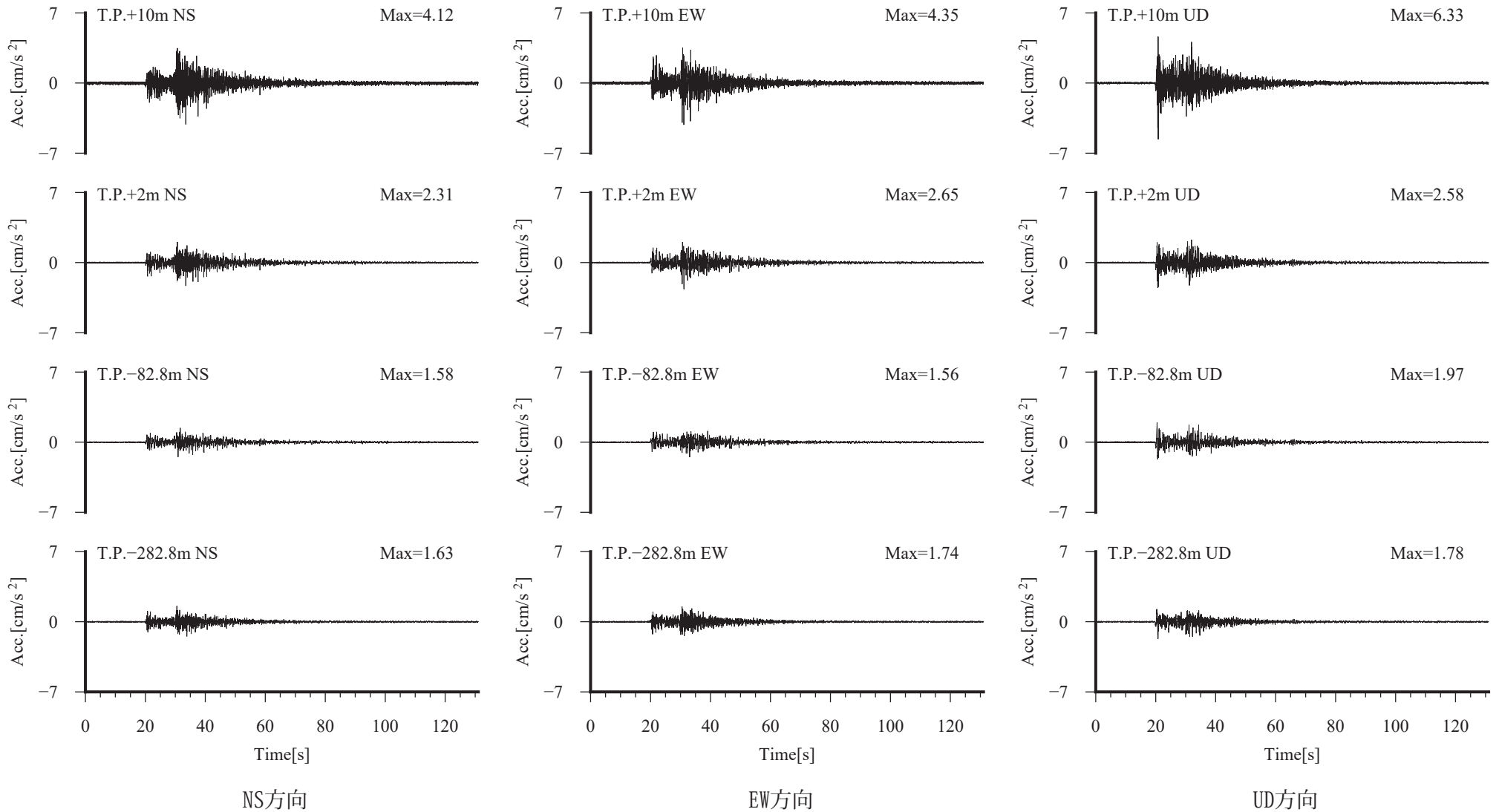
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2003/3/16 (14:35) M4.7, 深さ=99.6km, 震央距離=198km, 震源距離=222km



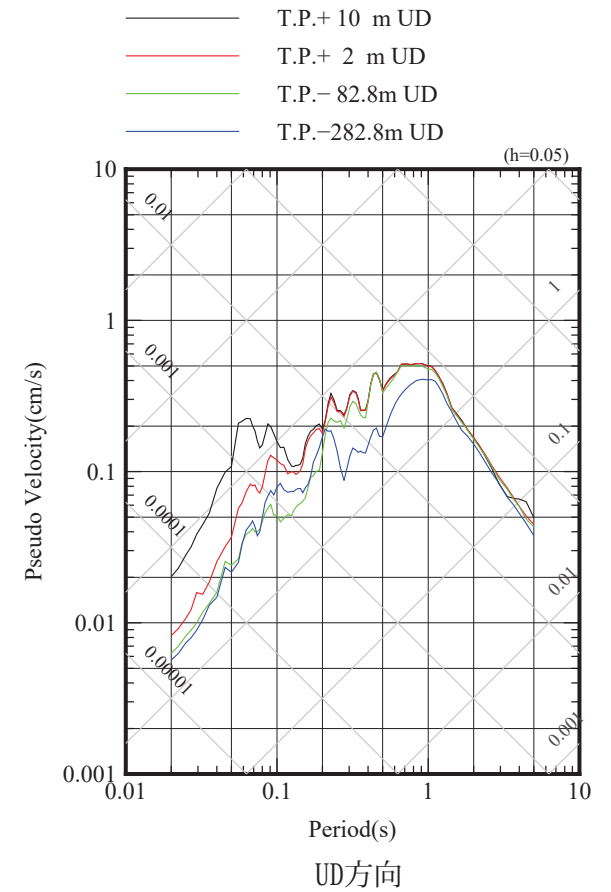
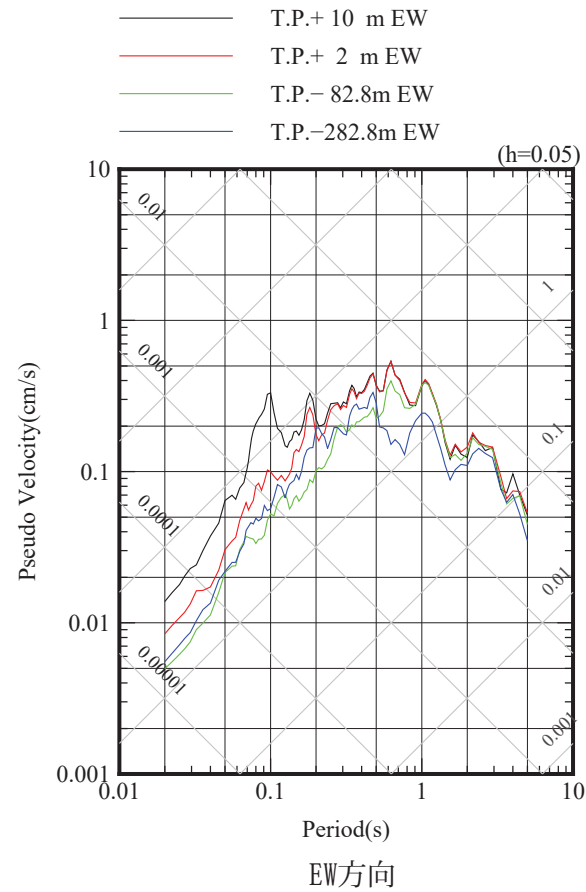
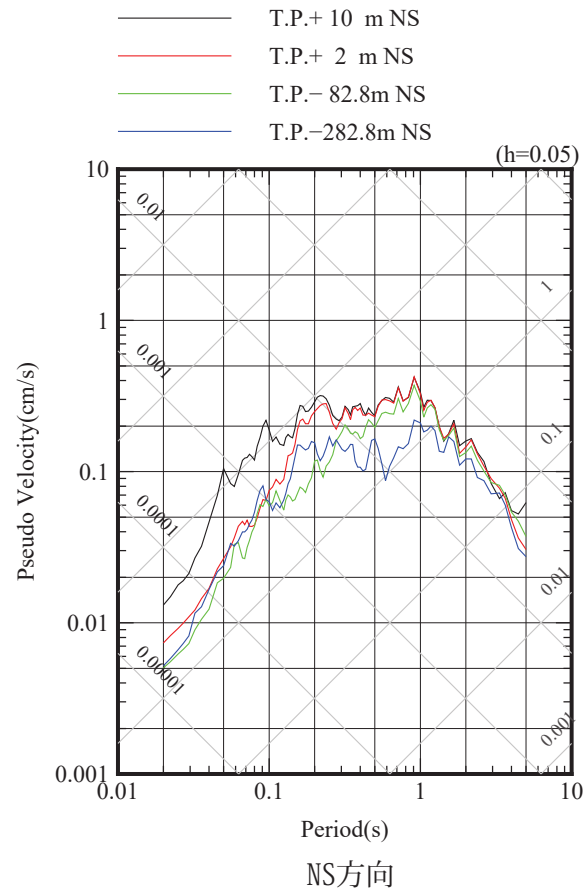
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/3/16 (14:35) M4.7, 深さ=99.6km, 震央距離=198km, 震源距離=222km



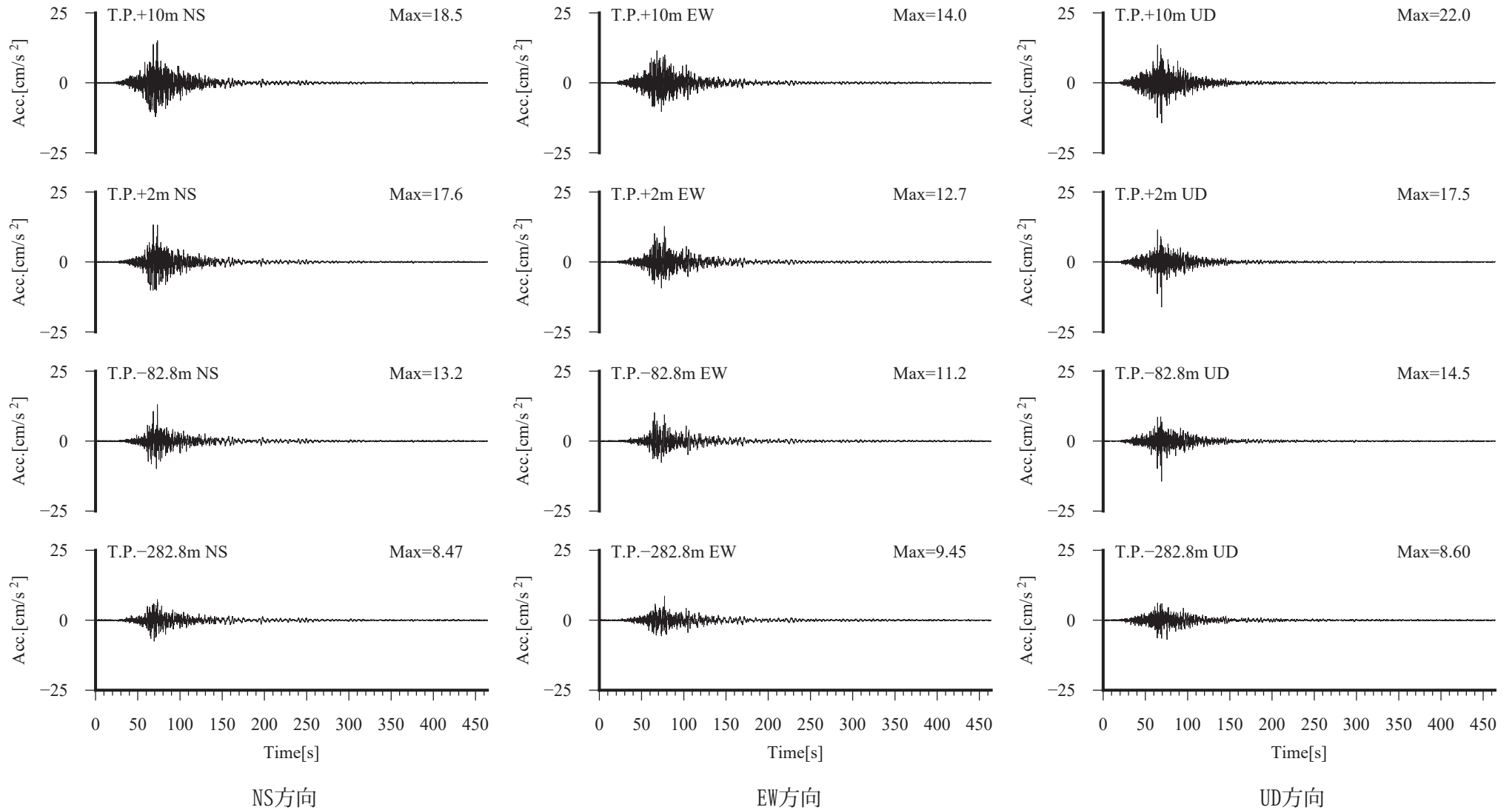
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2003/4/17 (2:59) M5.6, 深さ= 40 km, 震央距離=84km, 震源距離=93km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

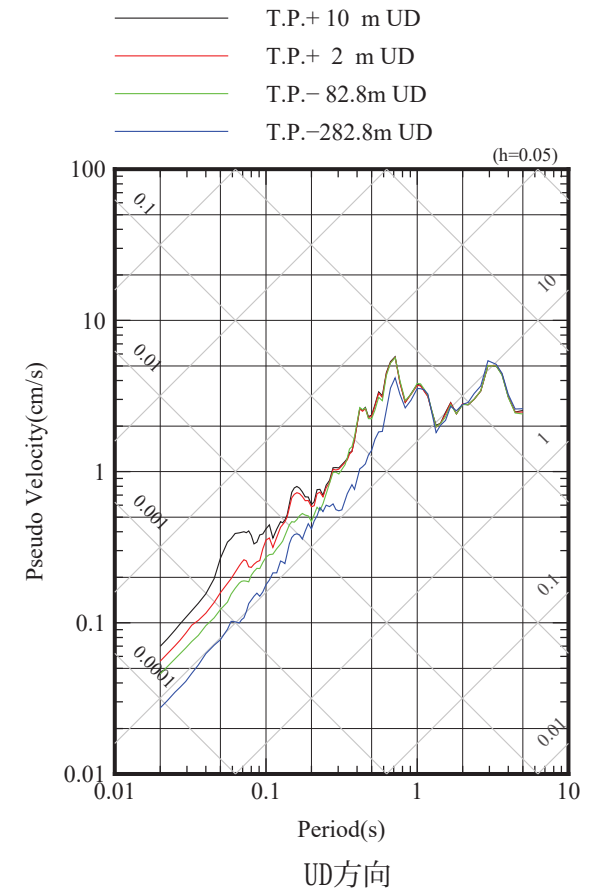
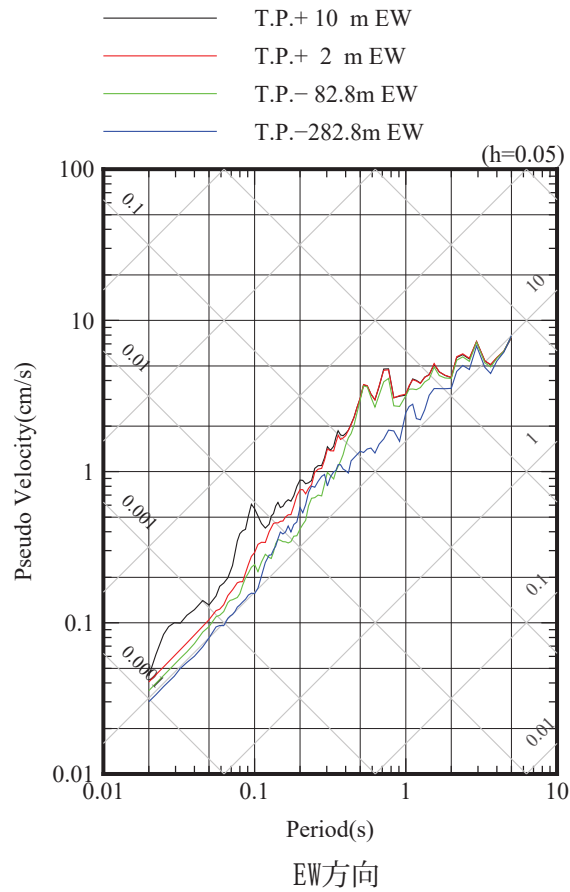
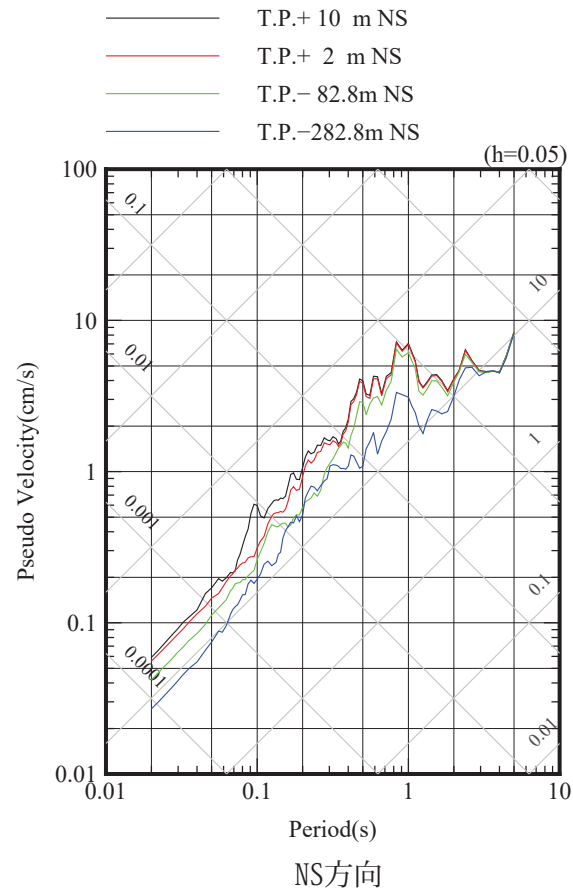
2003/4/17 (2:59) M5.6, 深さ= 40 km, 震央距離=84km, 震源距離=93km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

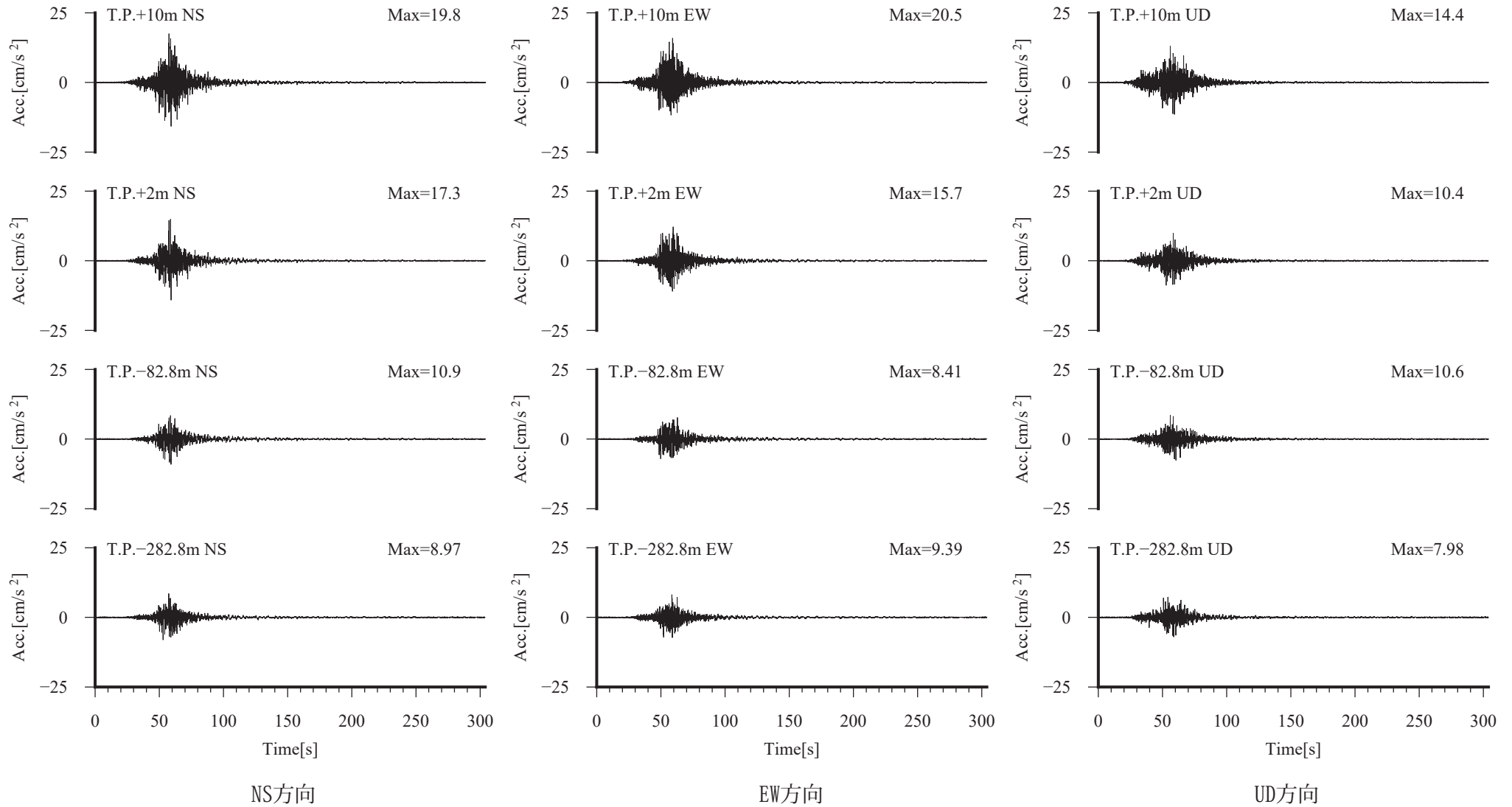
2003/9/26 (4:50) M8, 深さ=45.07km, 震央距離=234km, 震源距離=238km





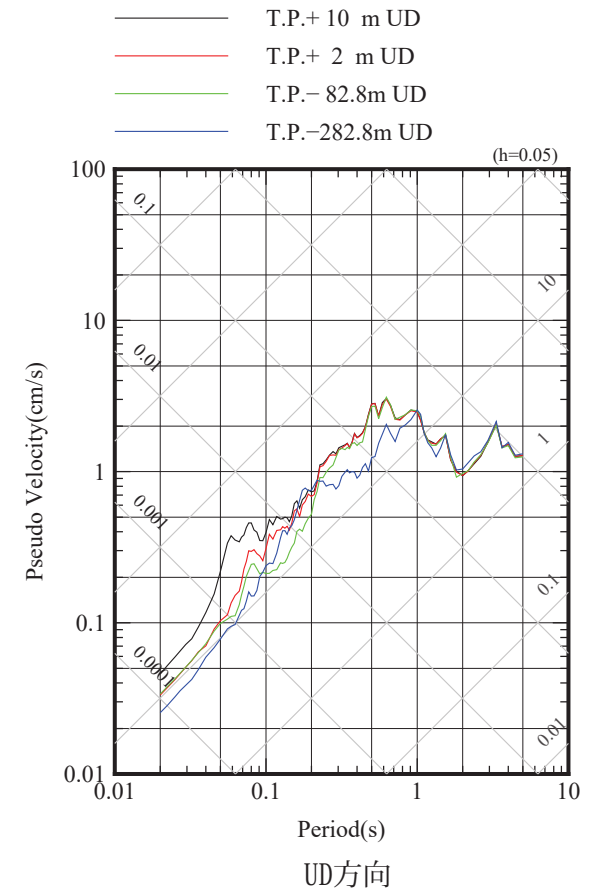
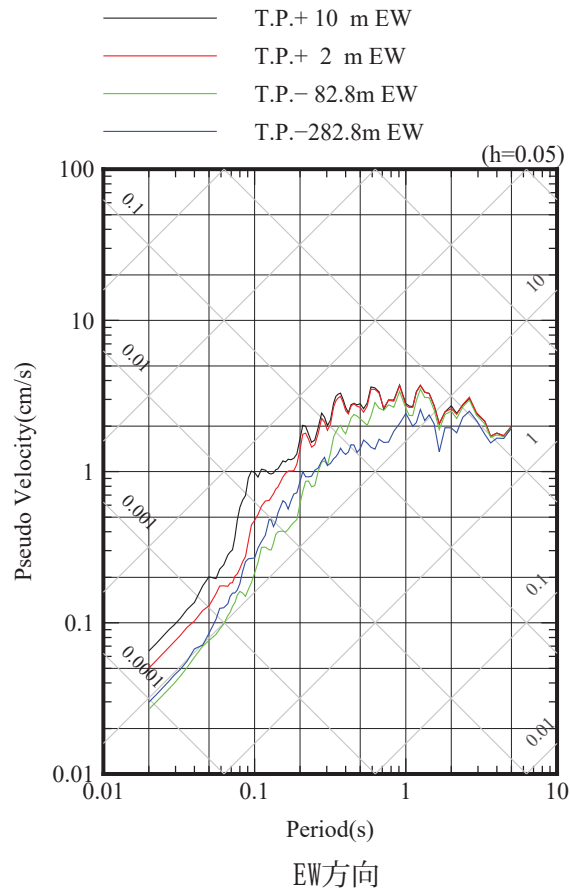
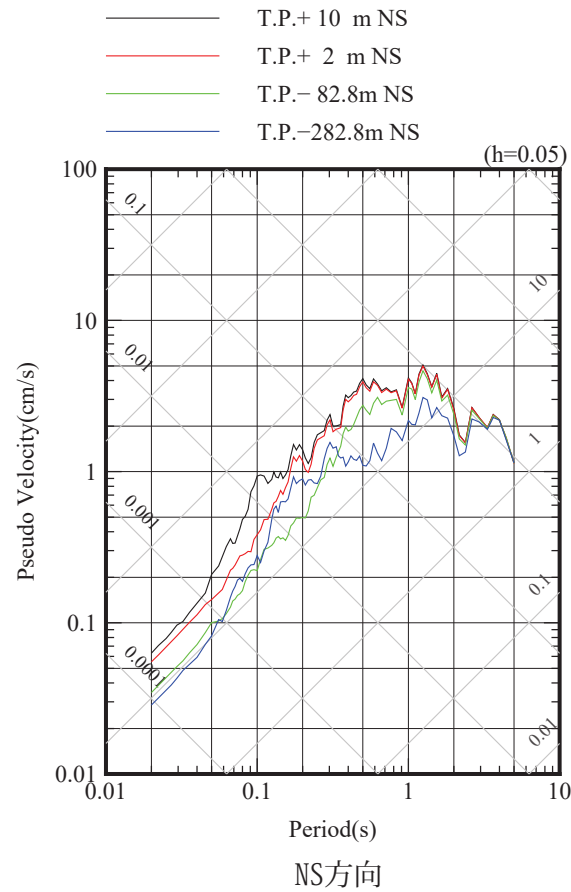
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/9/26 (4:50) M8, 深さ=45.07km, 震央距離=234km, 震源距離=238km



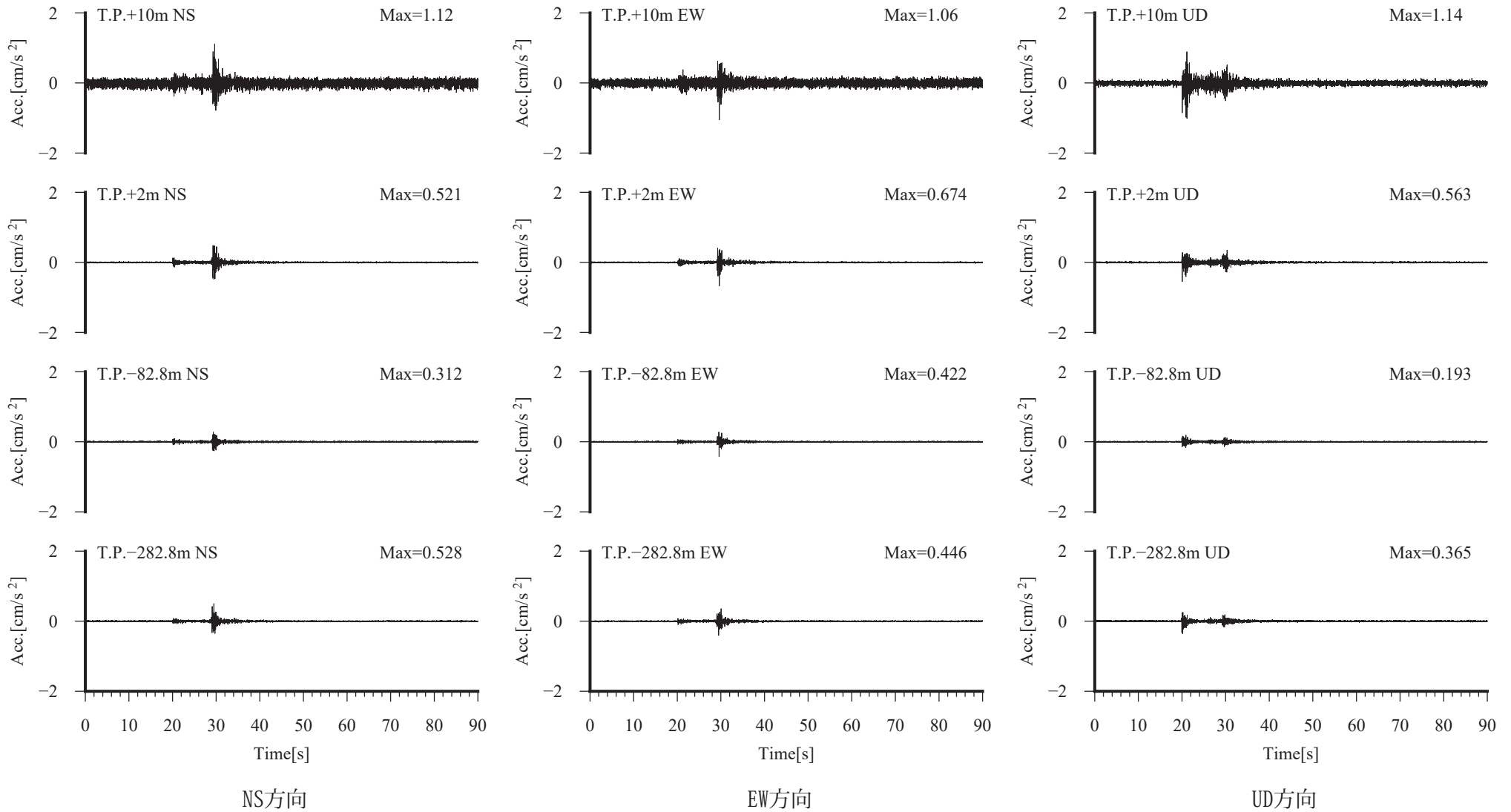
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2003/9/26 (6:8) M7.1, 深さ=21.41km, 震央距離=201km, 震源距離=202km



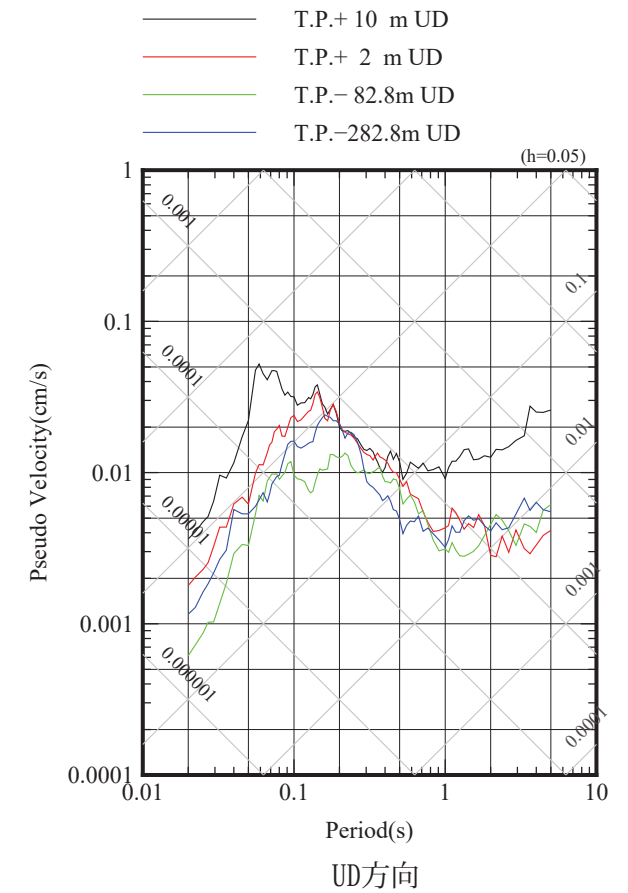
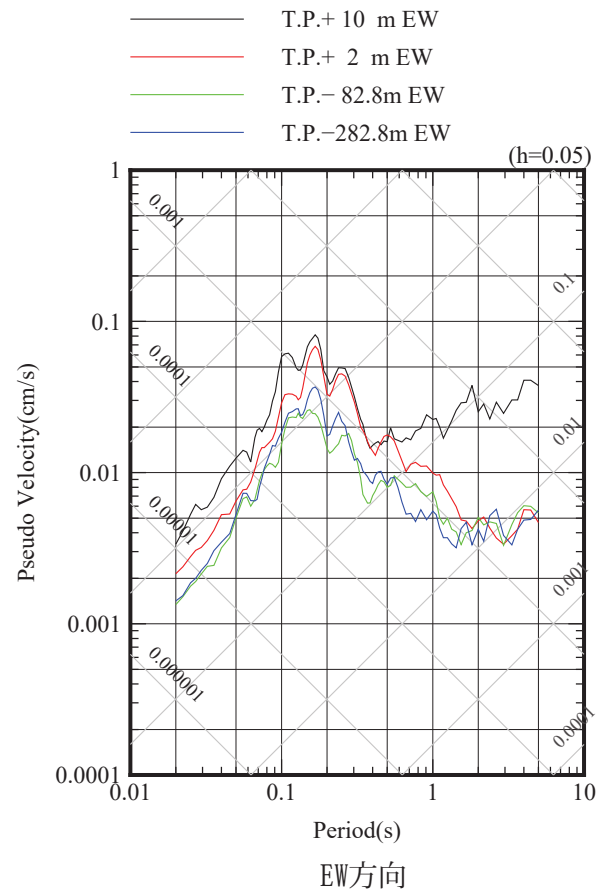
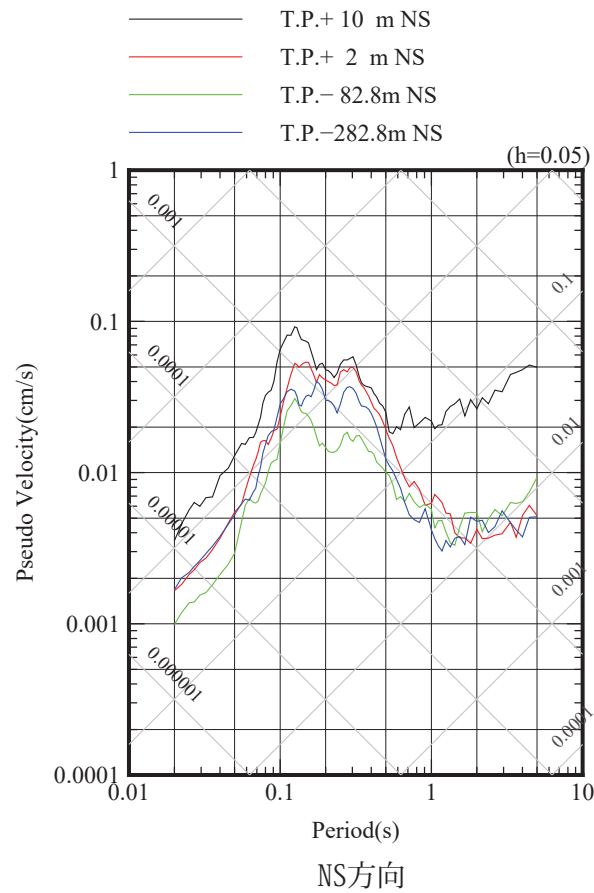
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/9/26 (6:8) M7.1, 深さ=21.41km, 震央距離=201km, 震源距離=202km



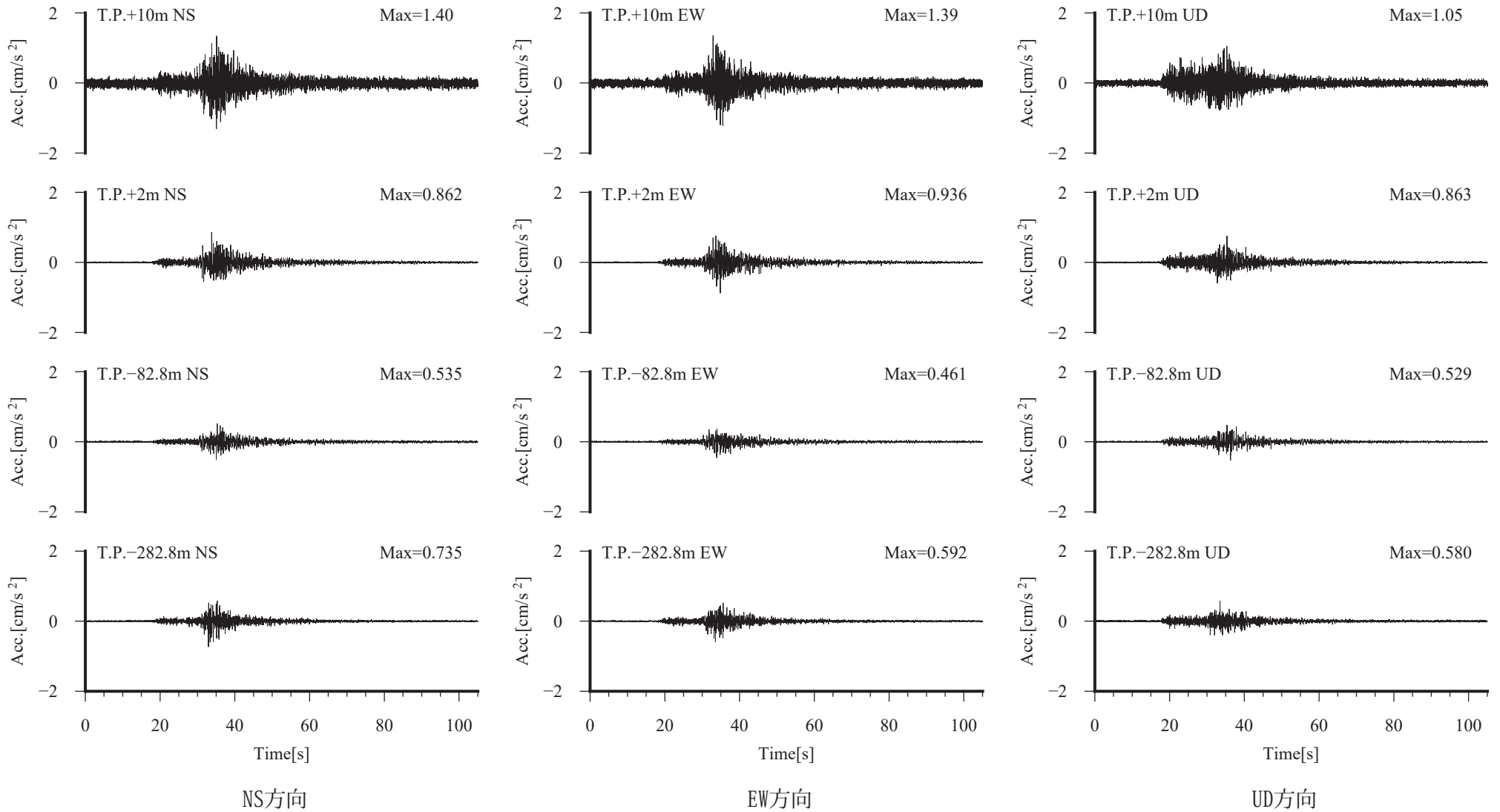
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2003/10/29 (16:31) M3.2, 深さ=85.35km, 震央距離=14km, 震源距離=87km



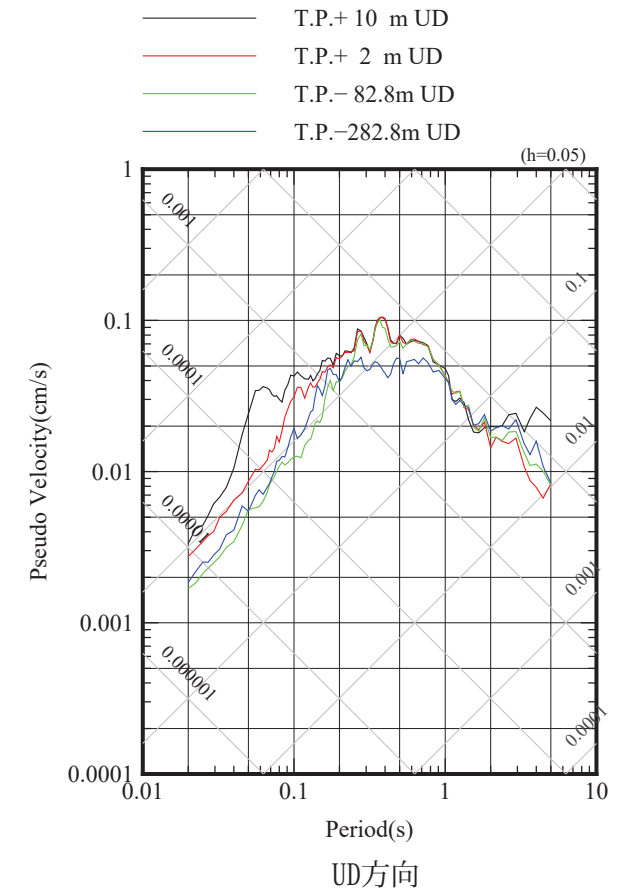
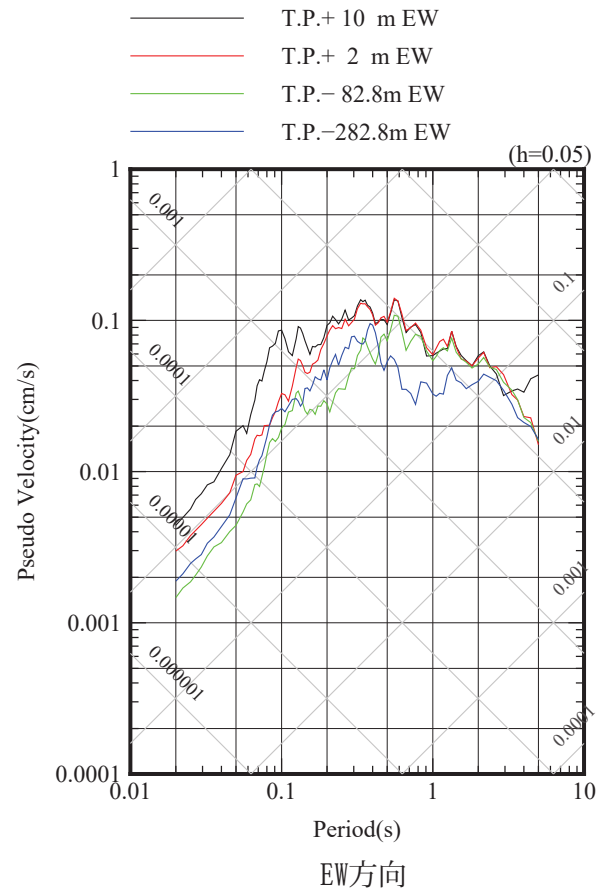
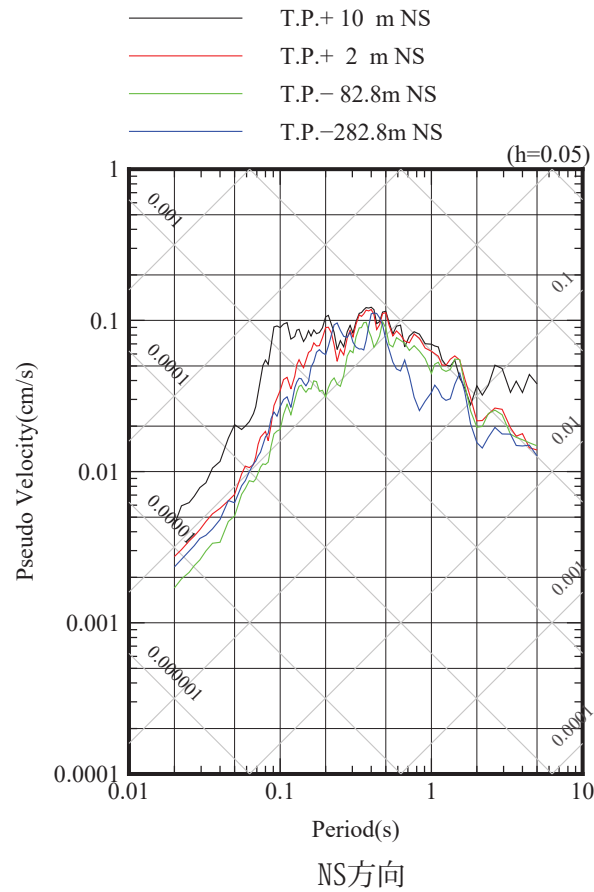
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2003/10/29 (16:31) M3.2, 深さ=85.35km, 震央距離=14km, 震源距離=87km



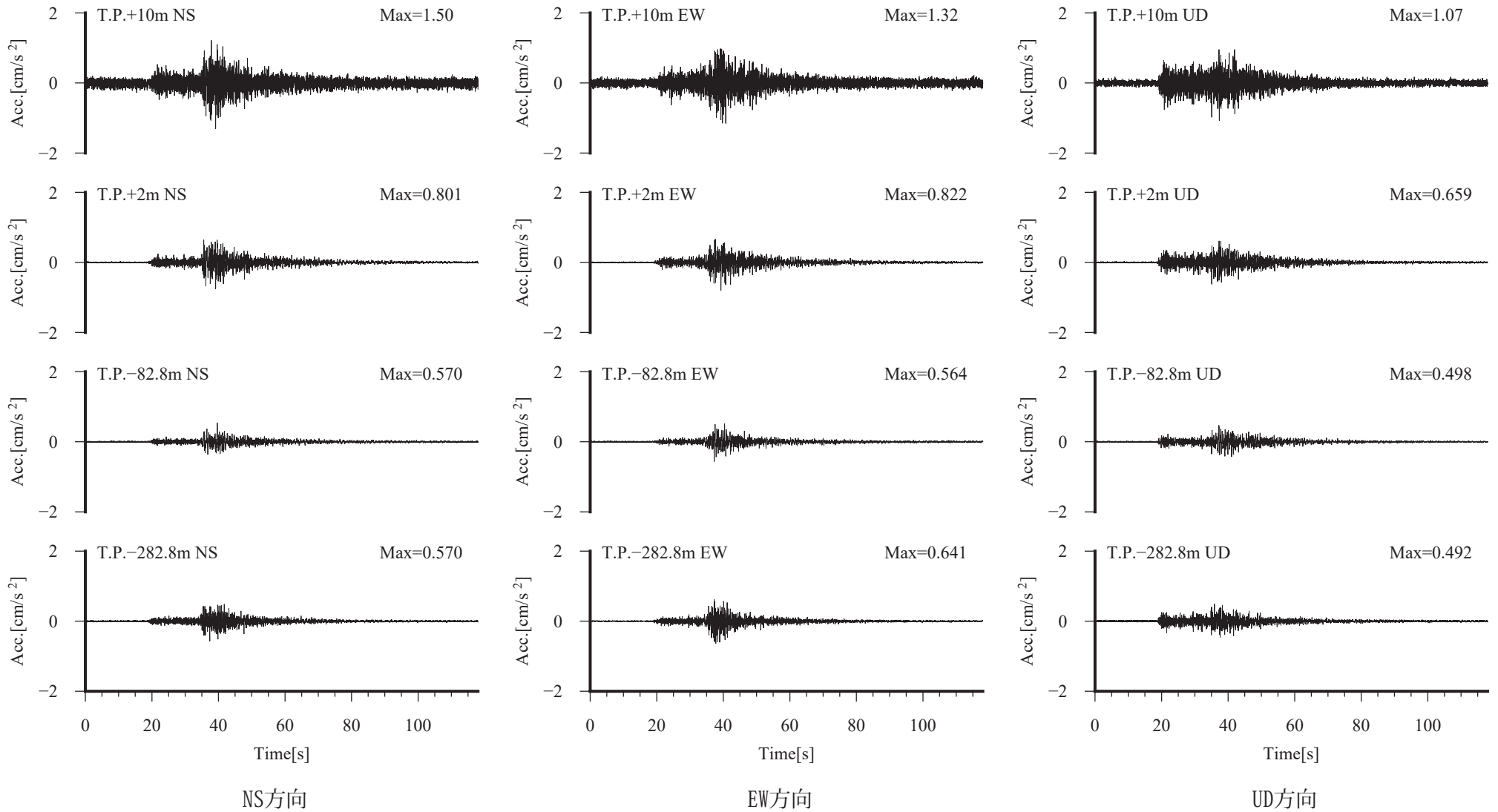
自由地盤 検討に用いた地震の加速度時刻歴波形

2003/11/14 (7:39) M4.8, 深さ=69.73km, 震央距離=99km, 震源距離=121km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

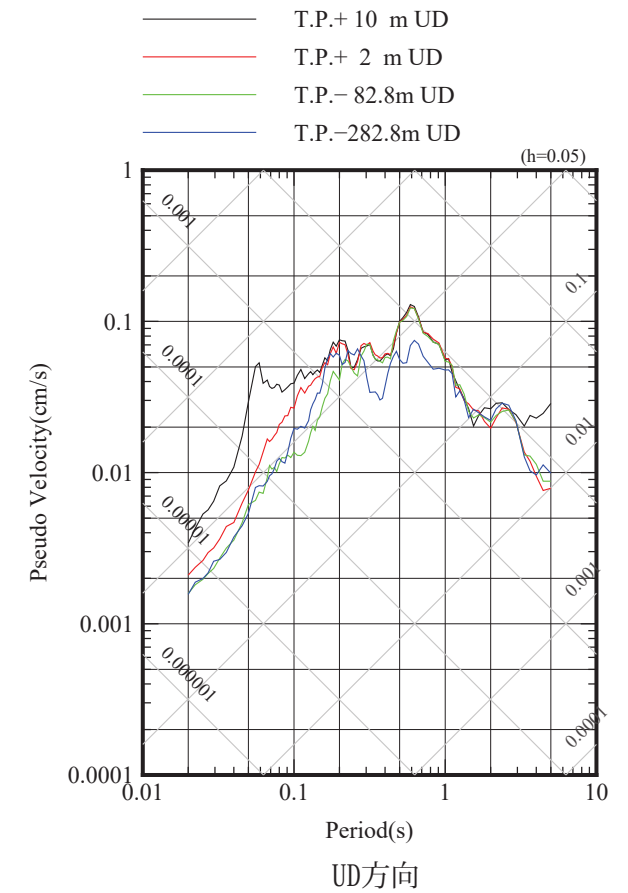
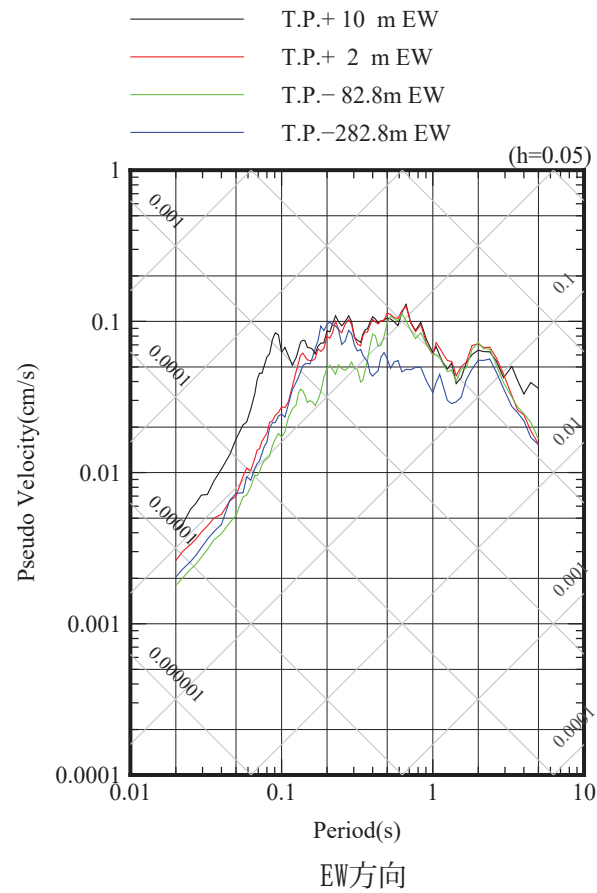
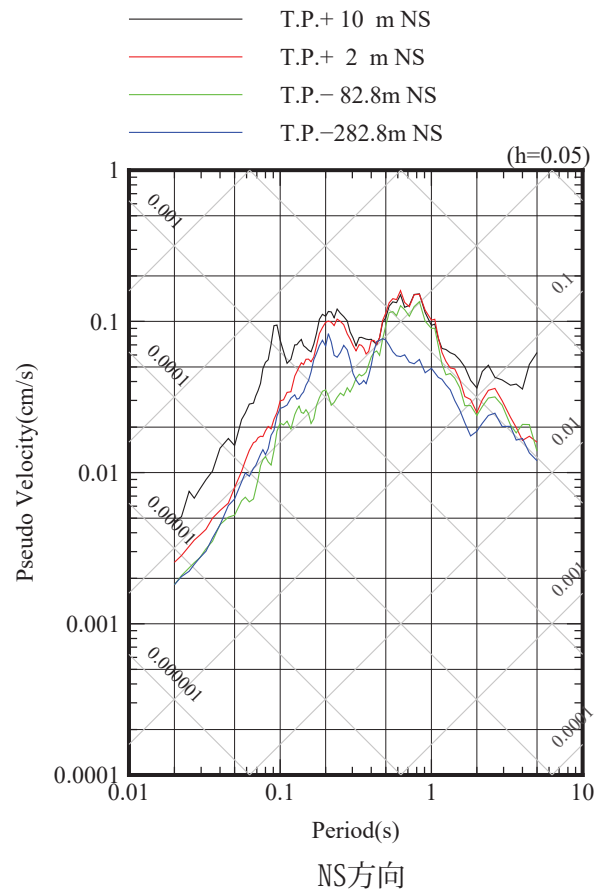
2003/11/14 (7:39) M4.8, 深さ=69.73km, 震央距離=99km, 震源距離=121km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

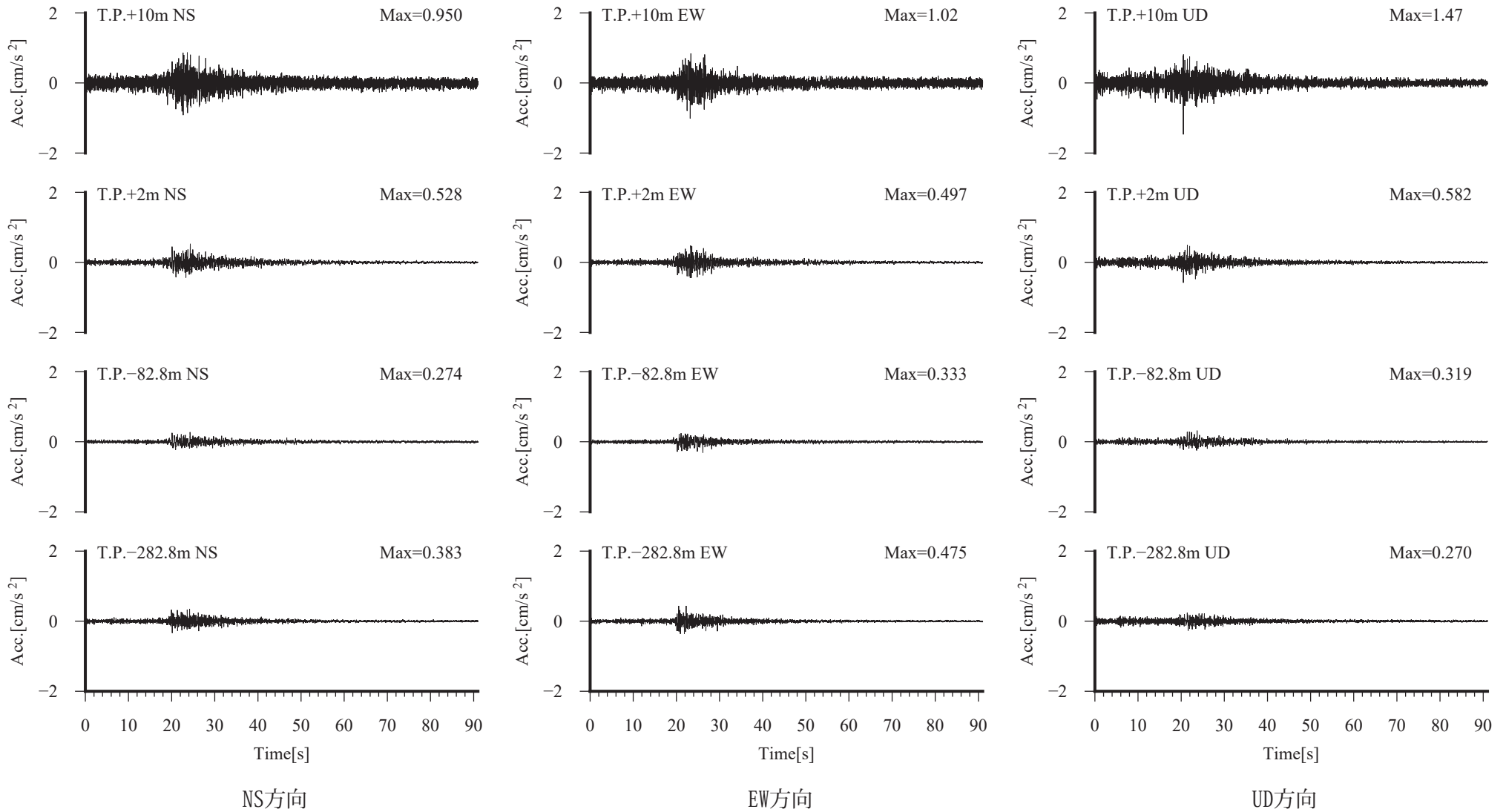
2004/7/4 (21:31) M4.9, 深さ=61.53km, 震央距離=132km, 震源距離=146km





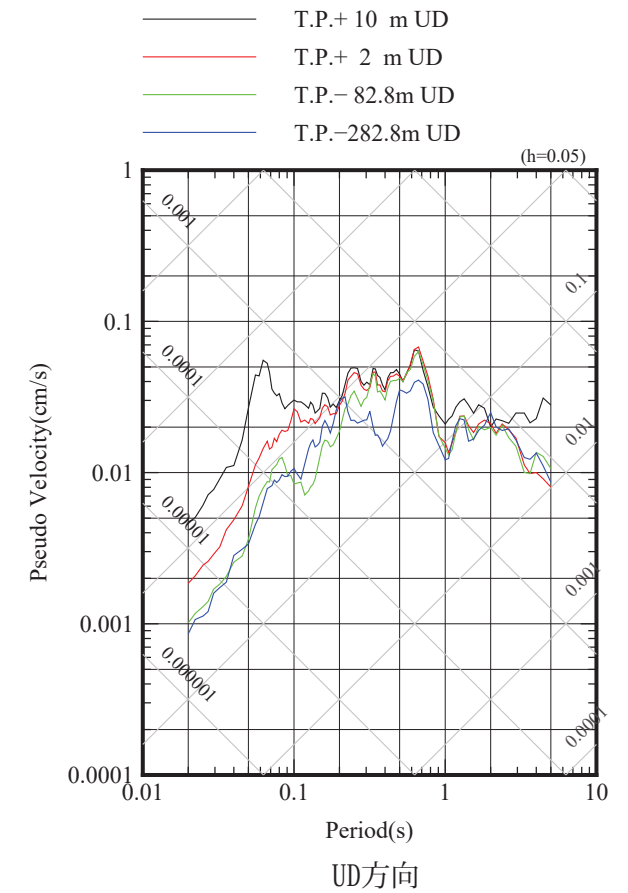
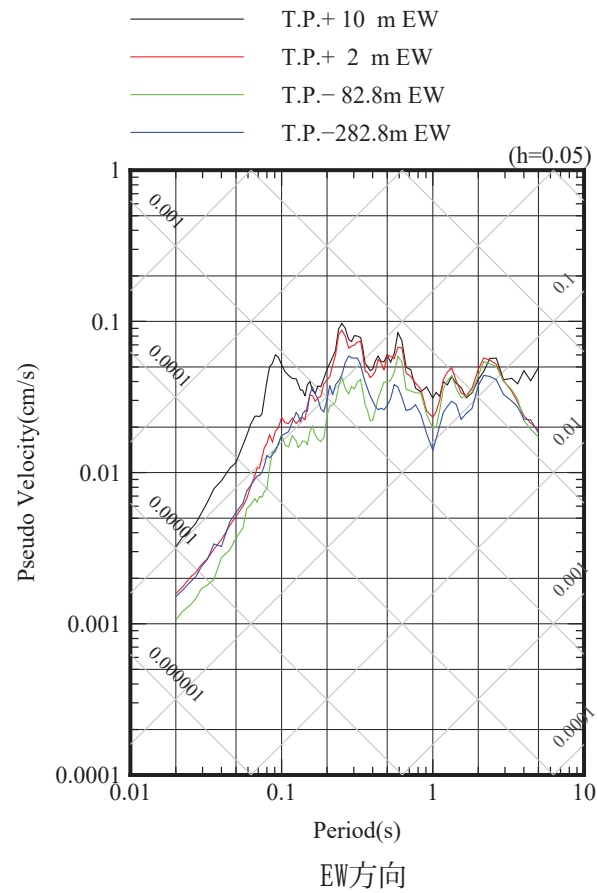
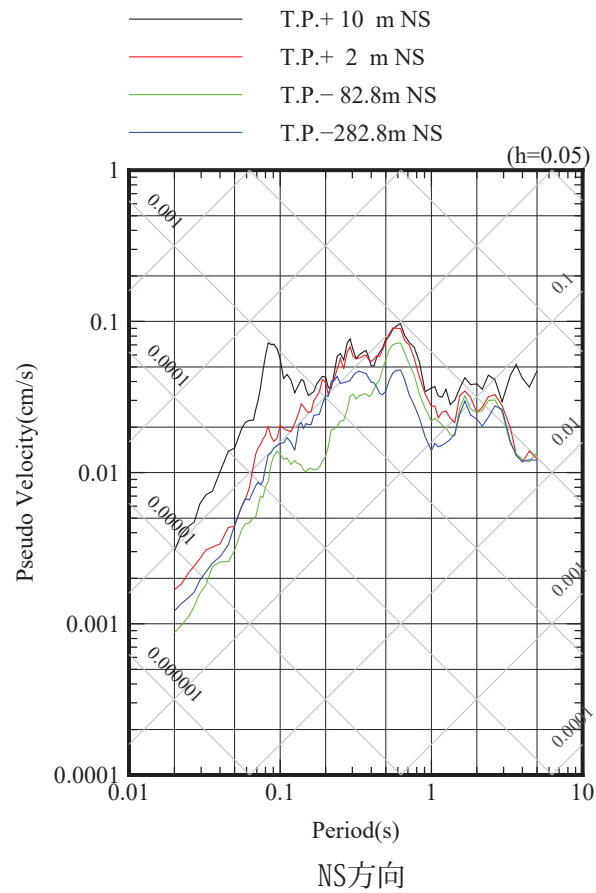
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/7/4 (21:31) M4.9, 深さ=61.53km, 震央距離=132km, 震源距離=146km



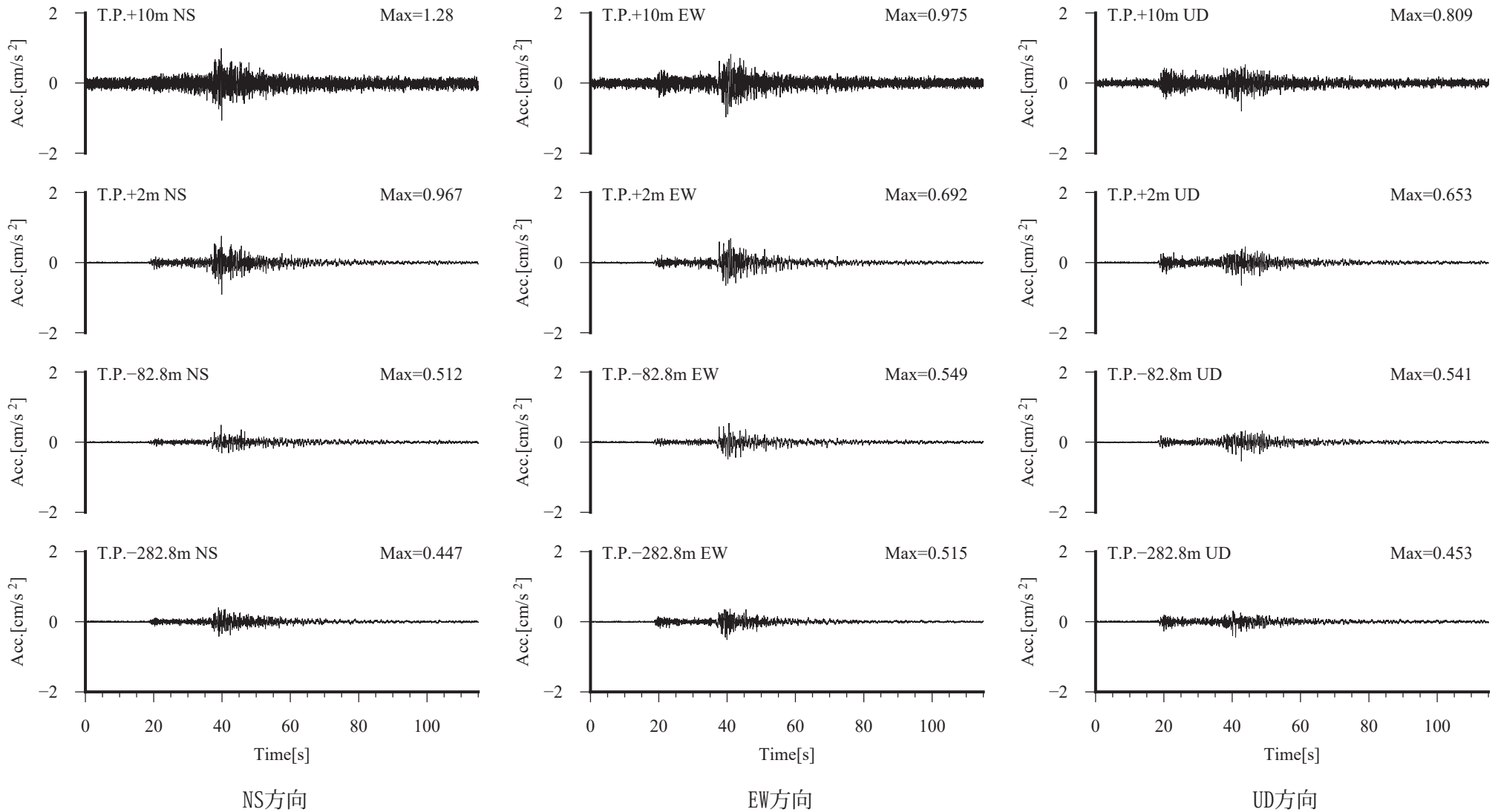
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2004/7/20 (5:58) M5, 深さ=98.48km, 震央距離=206km, 震源距離=228km



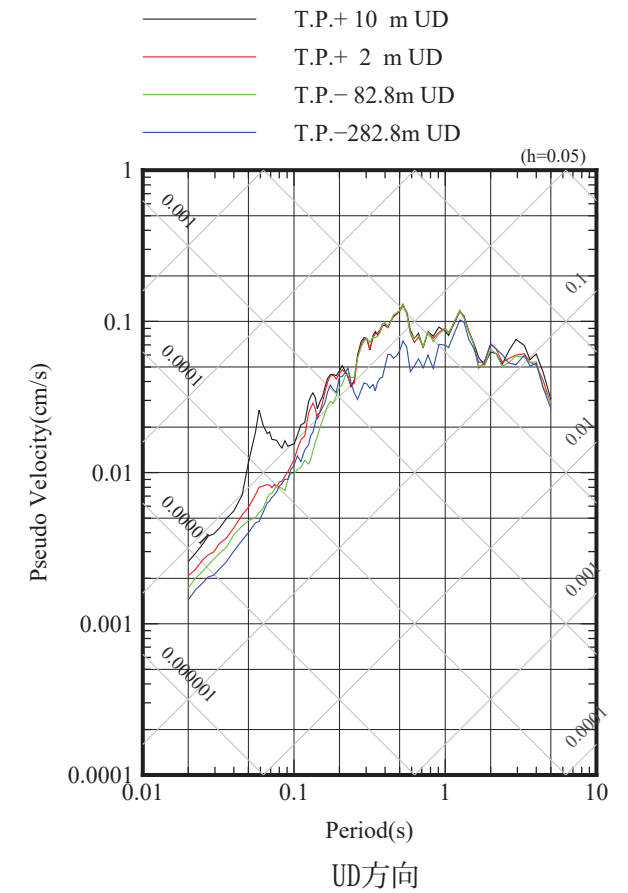
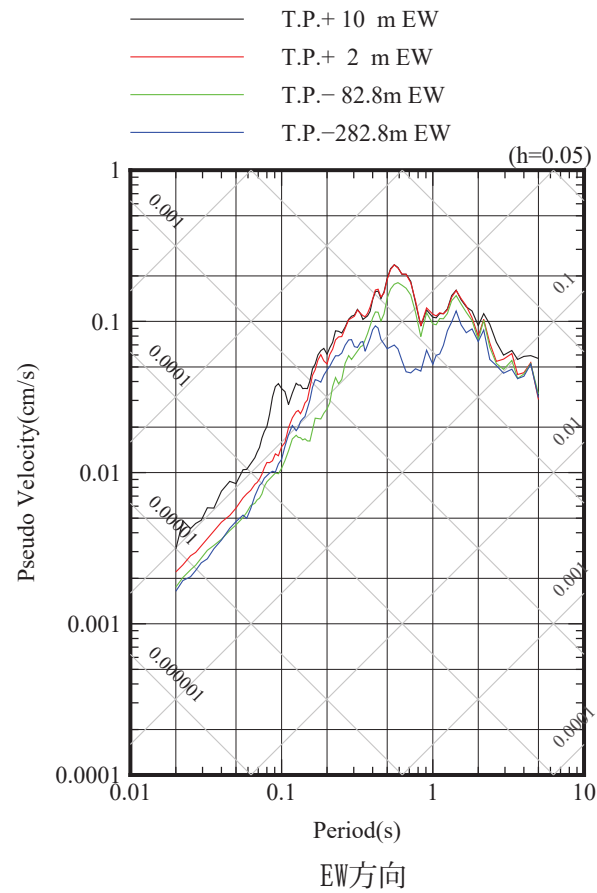
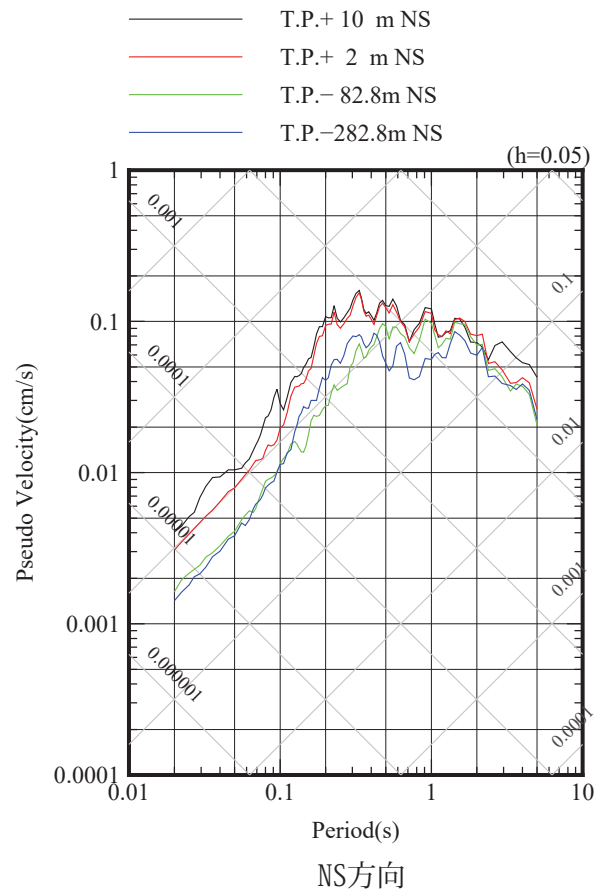
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/7/20 (5:58) M5, 深さ=98.48km, 震央距離=206km, 震源距離=228km



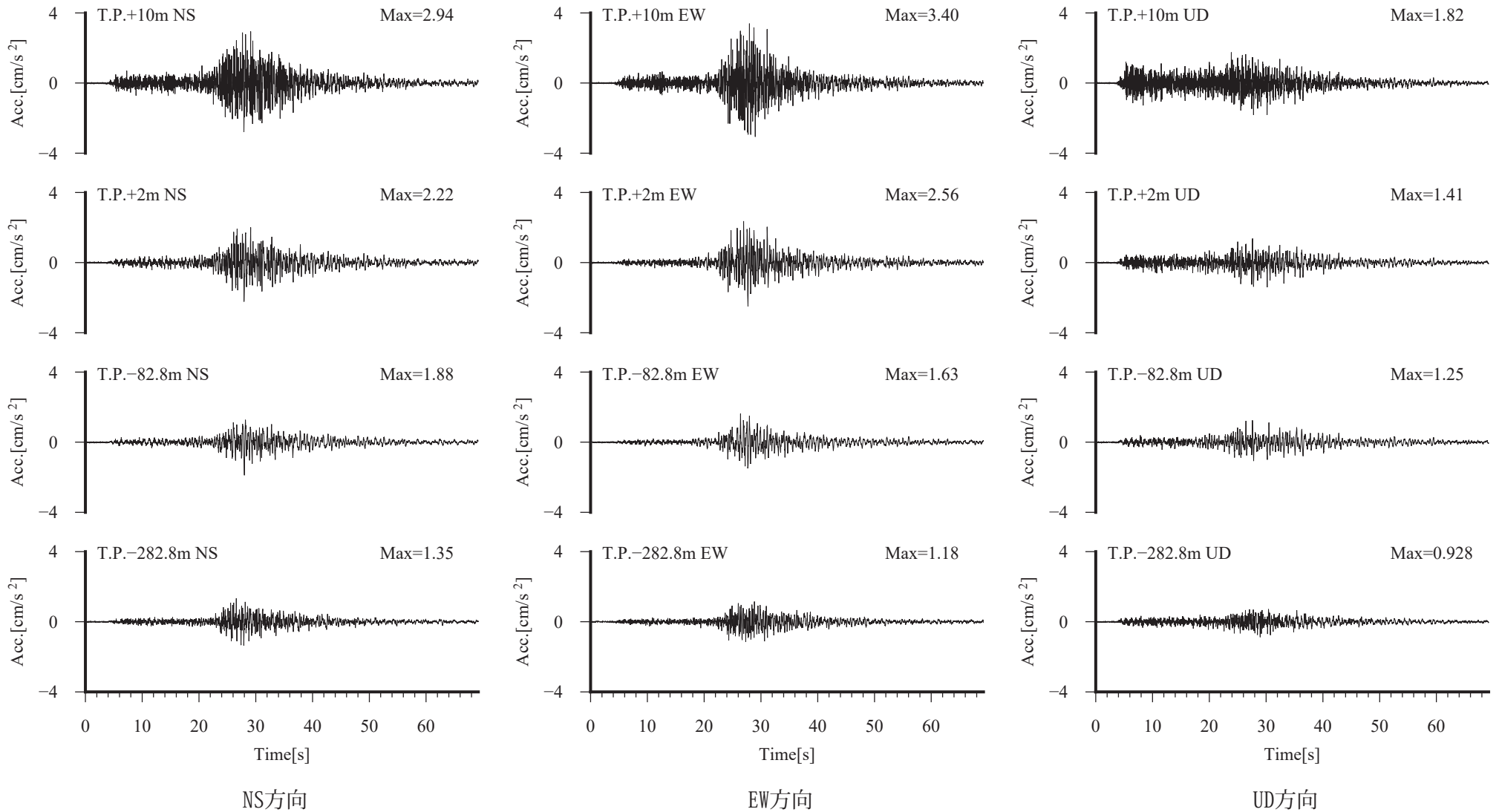
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2004/7/21 (9:11) M5.5, 深さ= 37 km, 震央距離=173km, 震源距離=176km



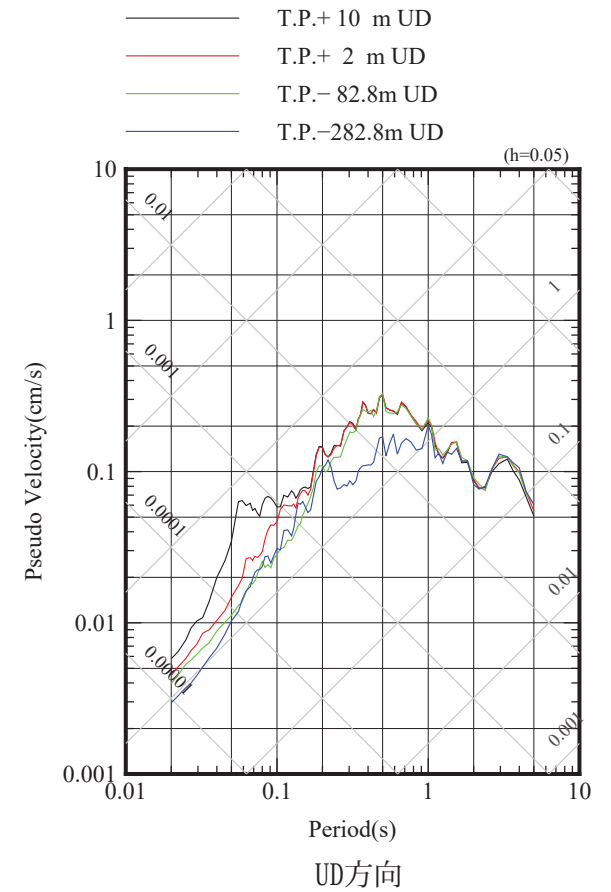
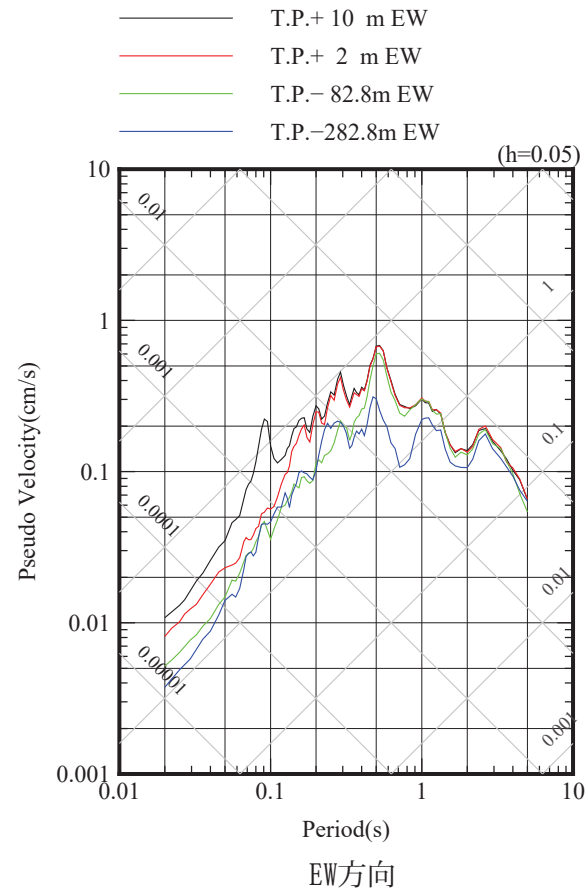
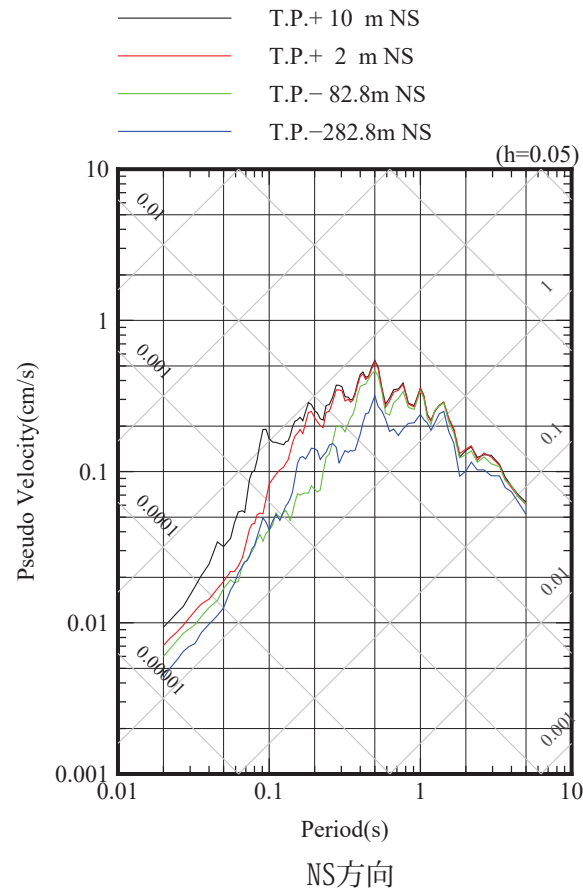
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/7/21 (9:11) M5.5, 深さ= 37 km, 震央距離=173km, 震源距離=176km



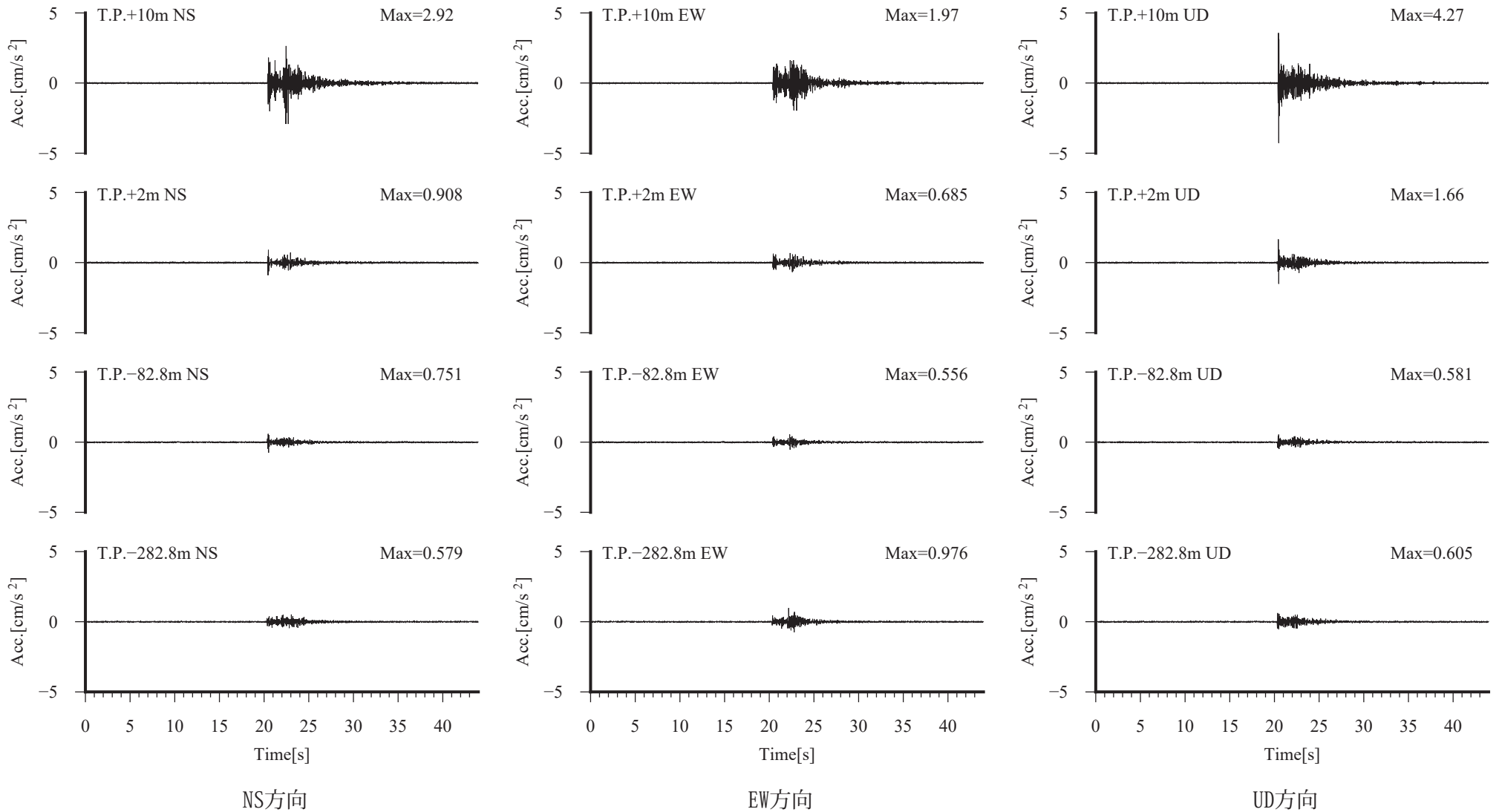
自由地盤 検討に用いた地震の加速度時刻歴波形

2004/8/10 (15:13) M5.8, 深さ=48.15km, 震央距離=180km, 震源距離=186km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

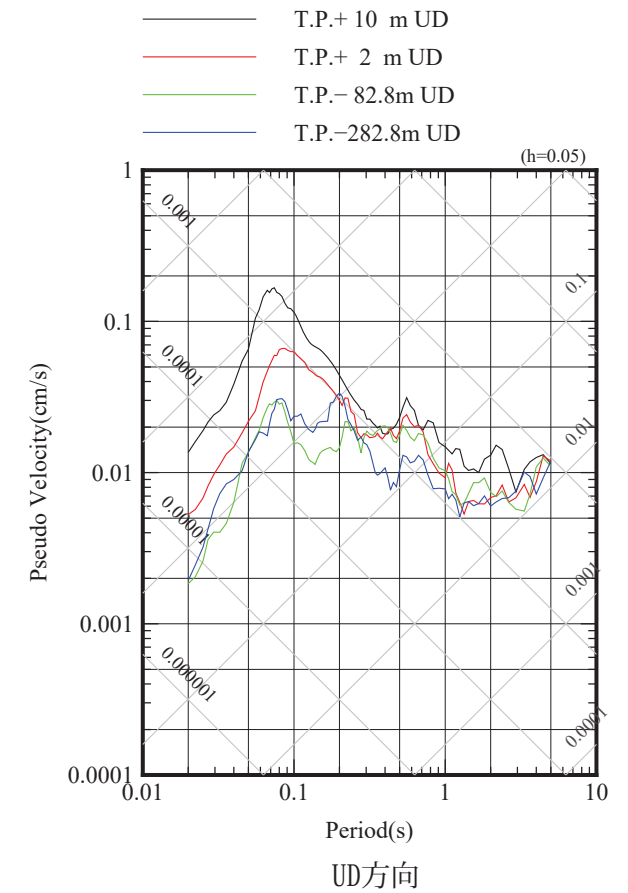
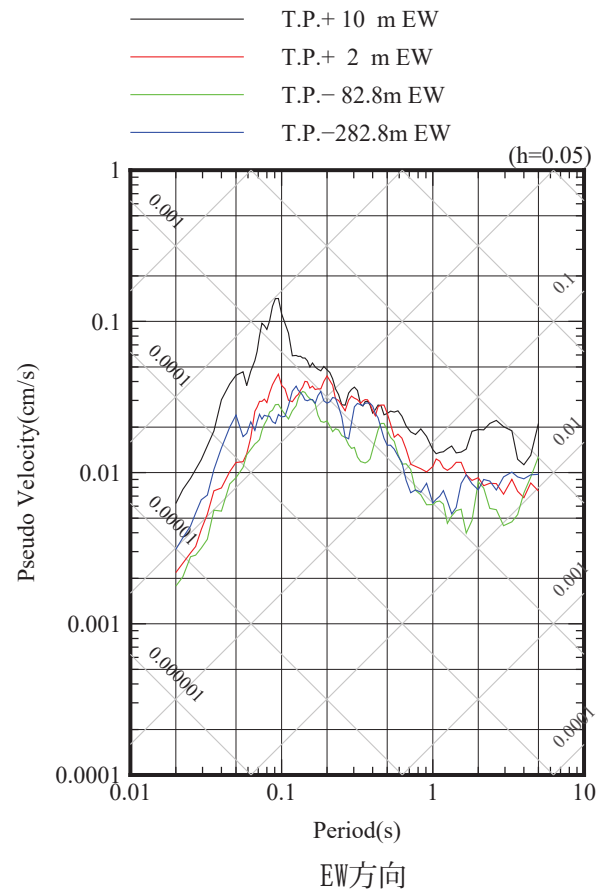
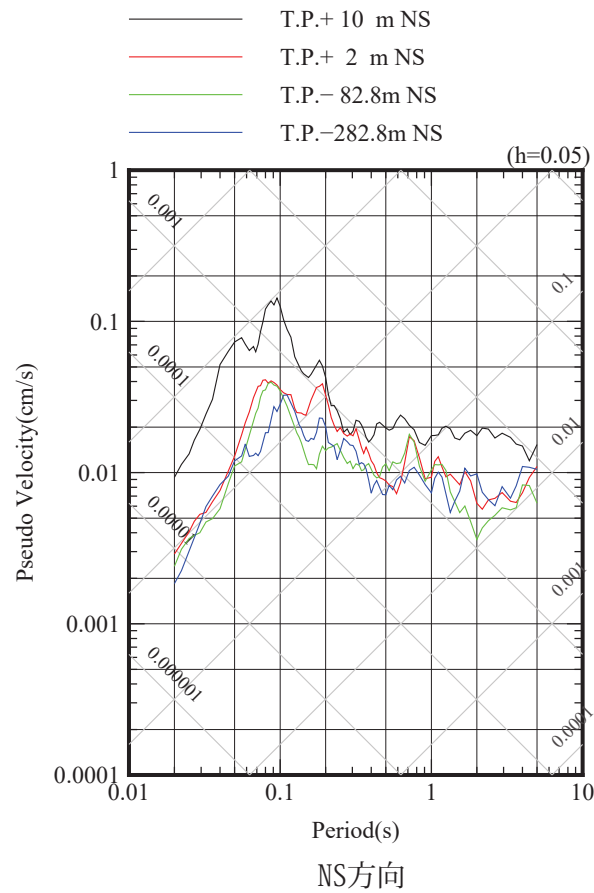
2004/8/10 (15:13) M5.8, 深さ=48.15km, 震央距離=180km, 震源距離=186km



自由地盤 検討に用いた地震の加速度時刻歴波形

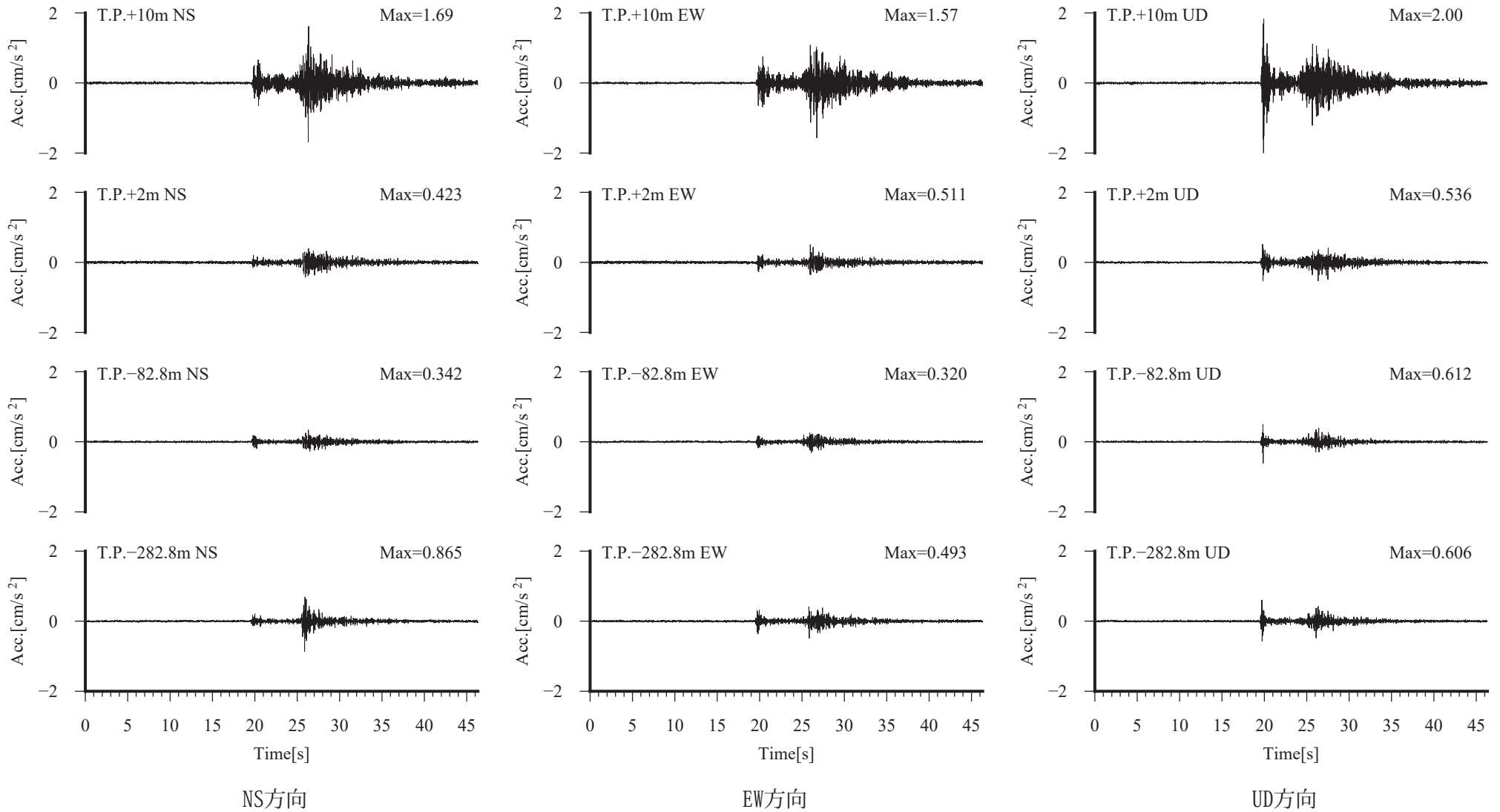
2004/8/24 (18:44) M3, 深さ=6.66km, 震央距離=11km, 震源距離=13km





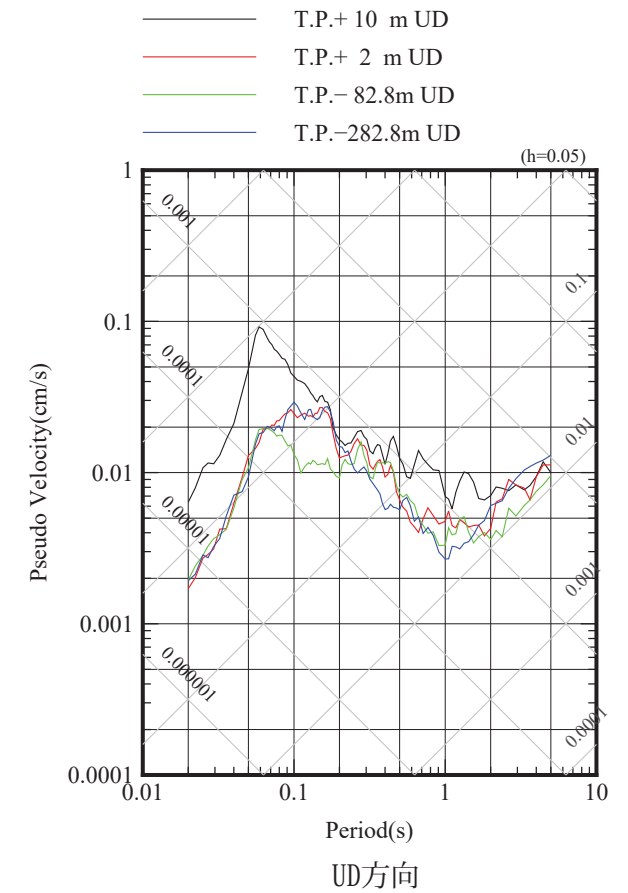
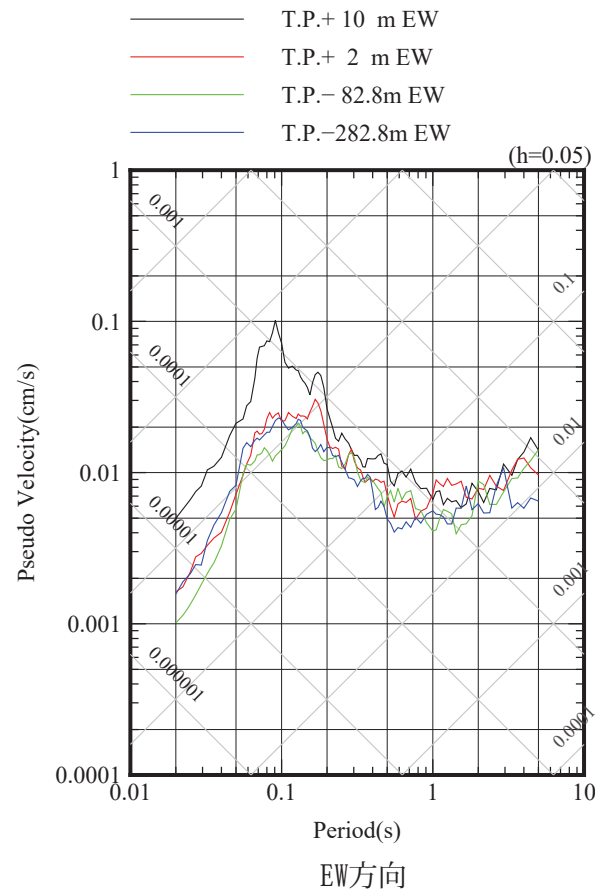
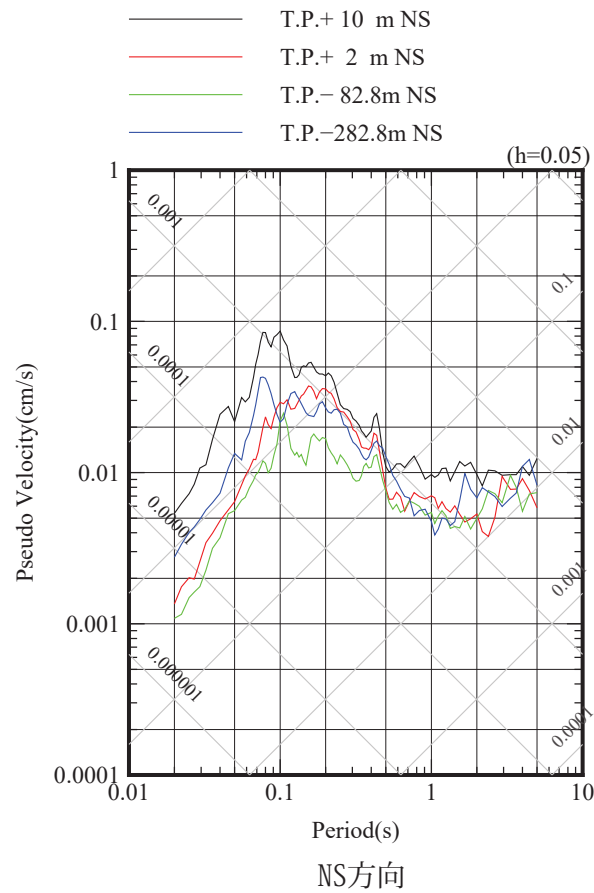
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/8/24 (18:44) M3, 深さ=6.66km, 震央距離=11km, 震源距離=13km



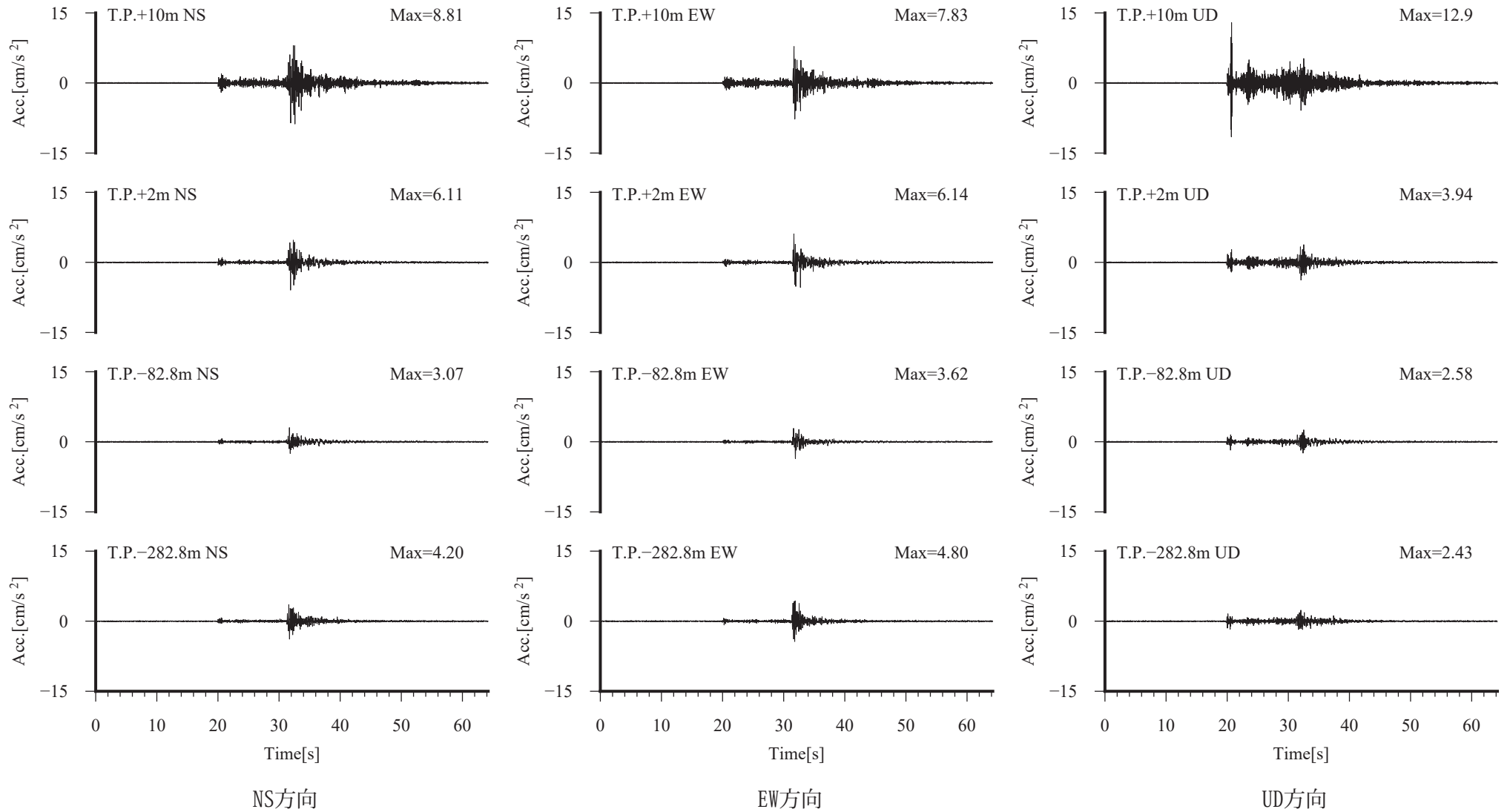
自由地盤 検討に用いた地震の加速度時刻歴波形

2004/9/4 (11:18) M3.8, 深さ=13.5km, 震央距離=49km, 震源距離=51km



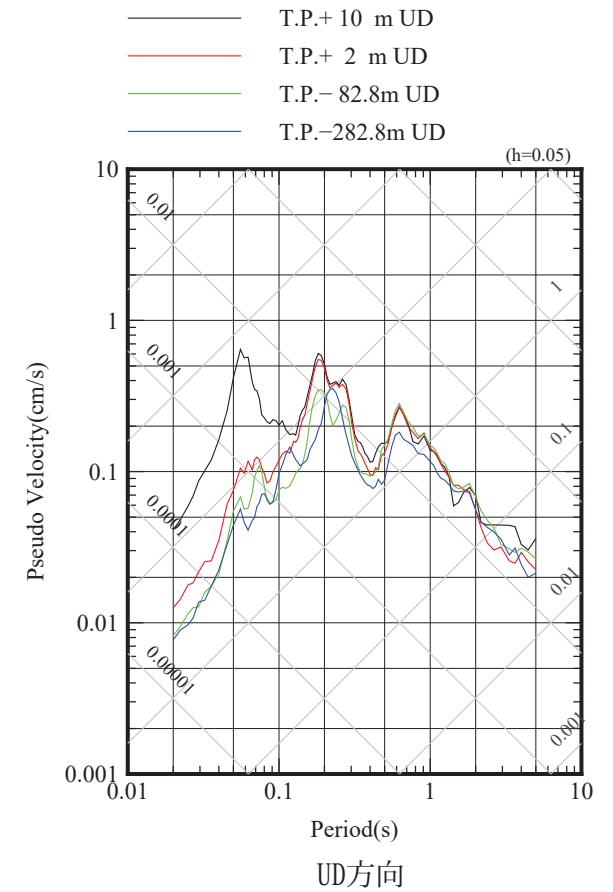
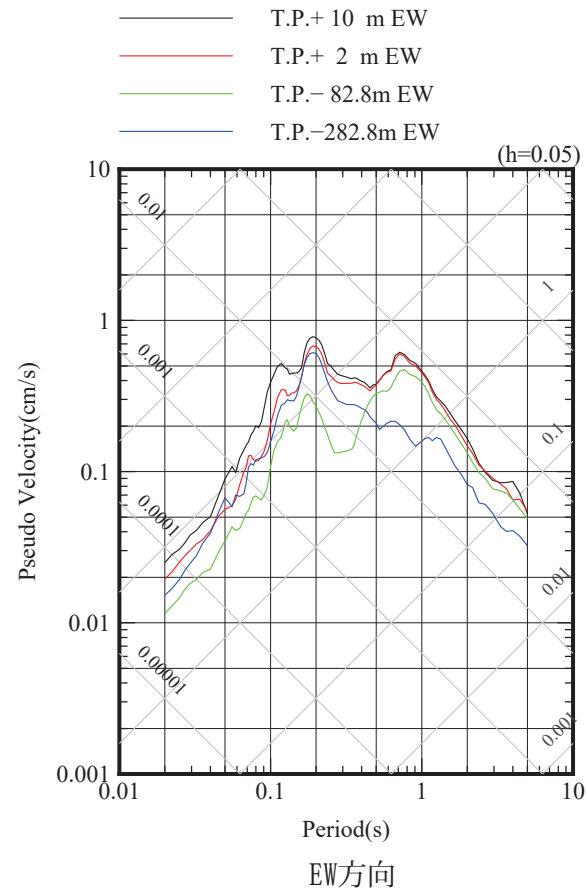
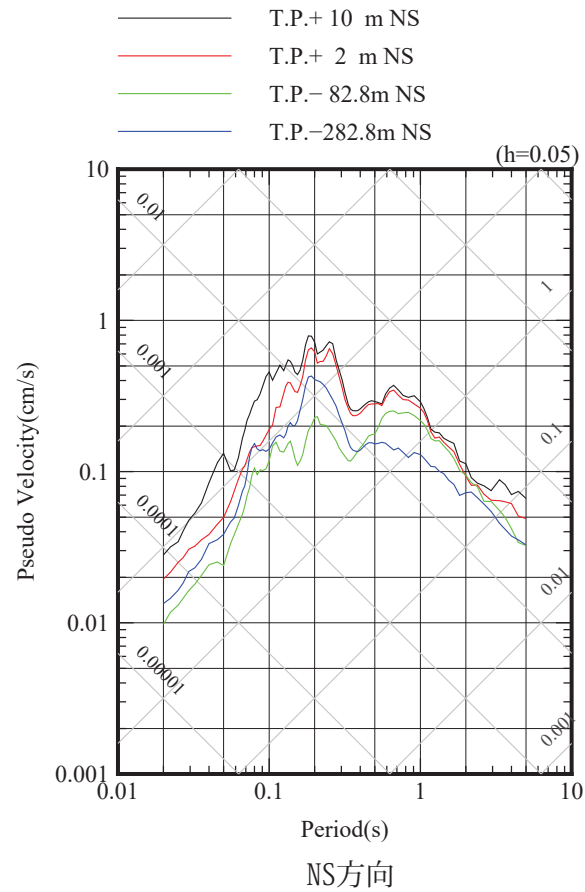
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/9/4 (11:18) M3.8, 深さ=13.5km, 震央距離=49km, 震源距離=51km



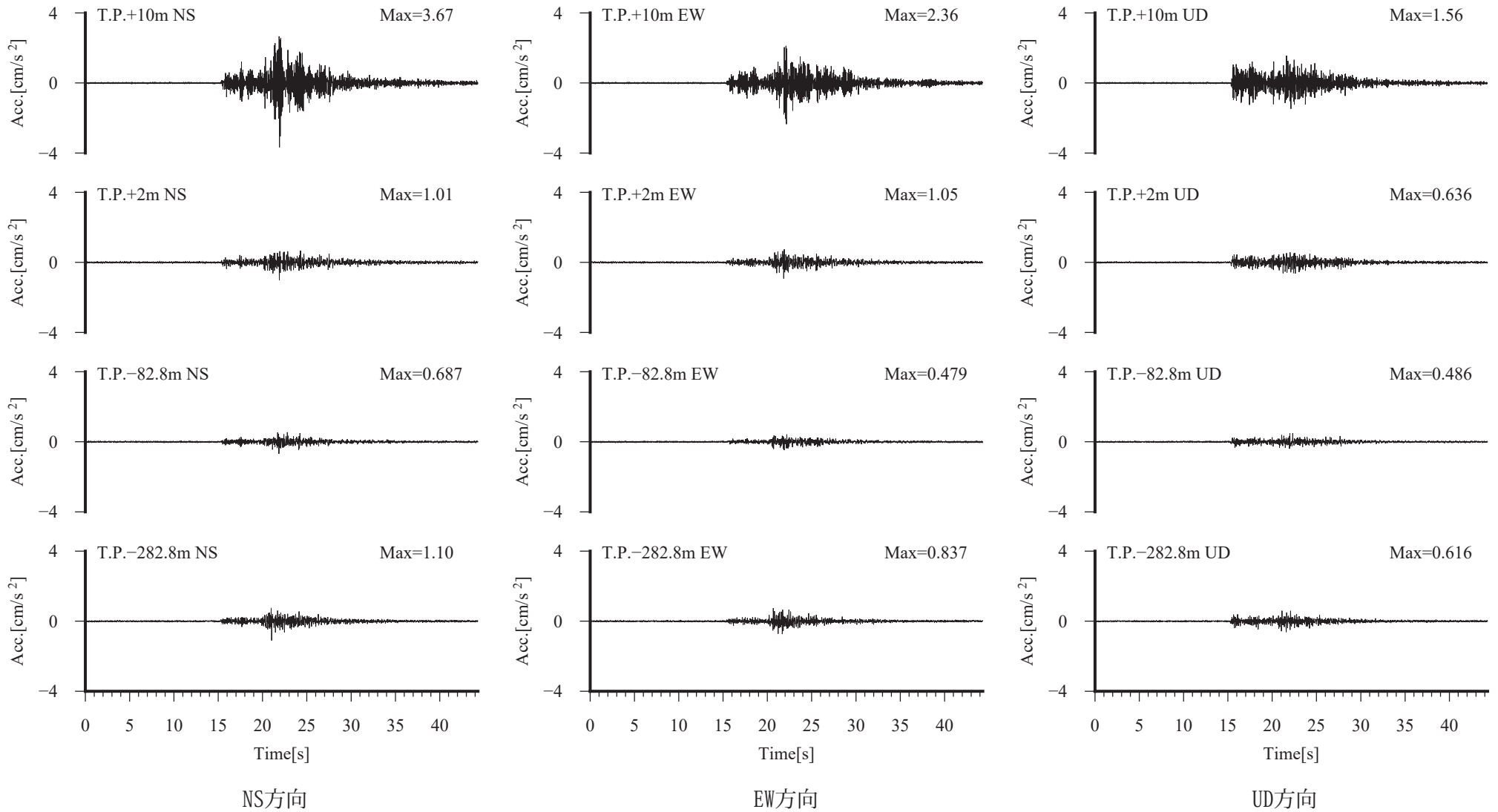
自由地盤 検討に用いた地震の加速度時刻歴波形

2004/9/22 (20:3) M4.8, 深さ=108.58km, 震央距離=26km, 震源距離=112km



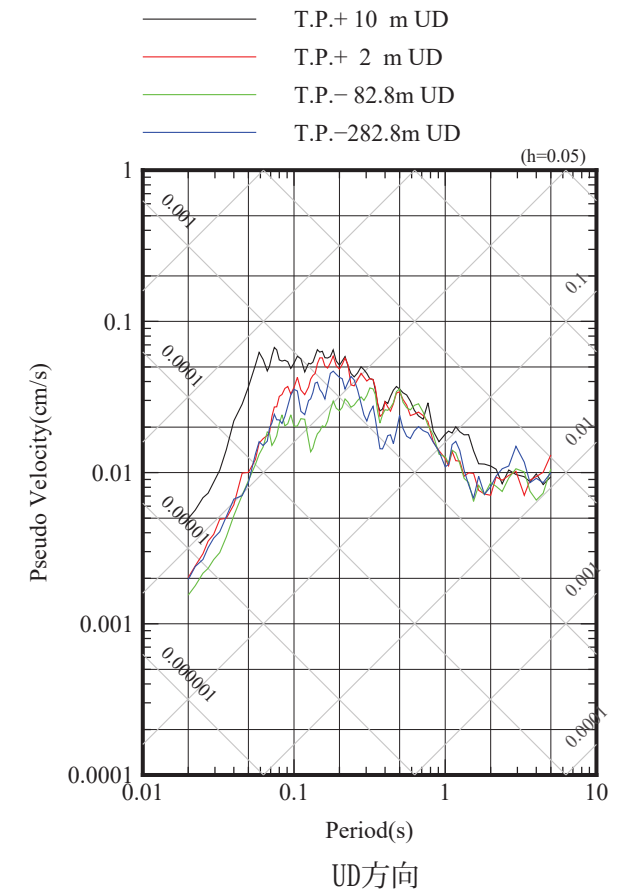
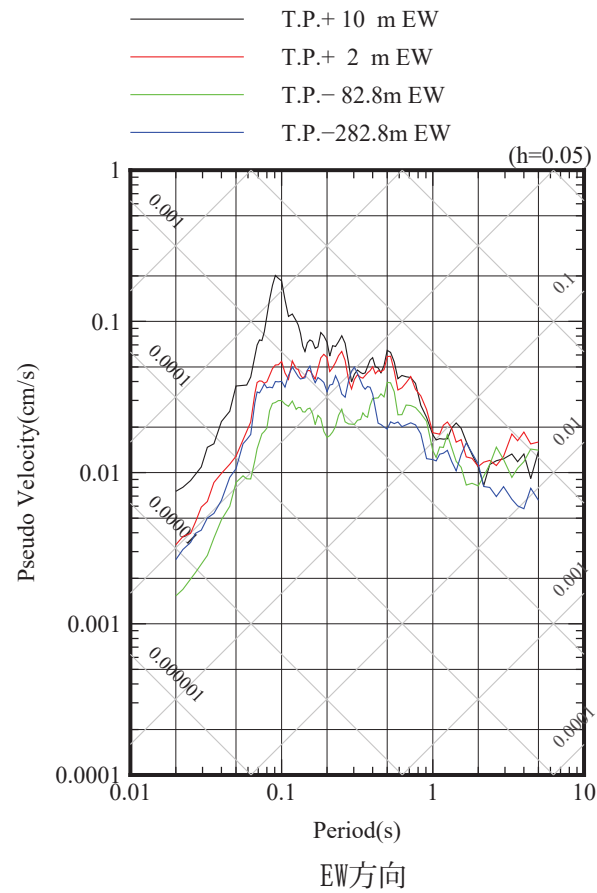
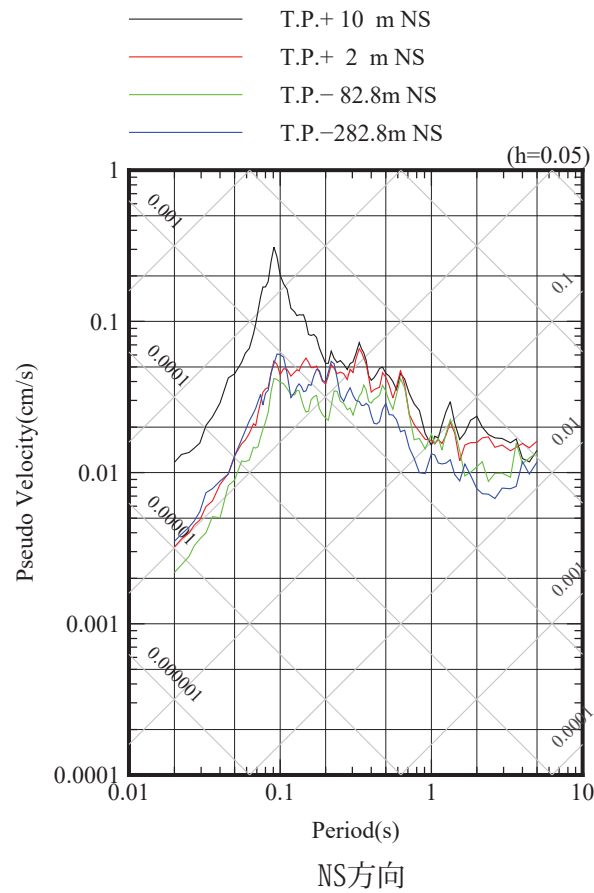
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/9/22 (20:3) M4.8, 深さ=108.58km, 震央距離=26km, 震源距離=112km



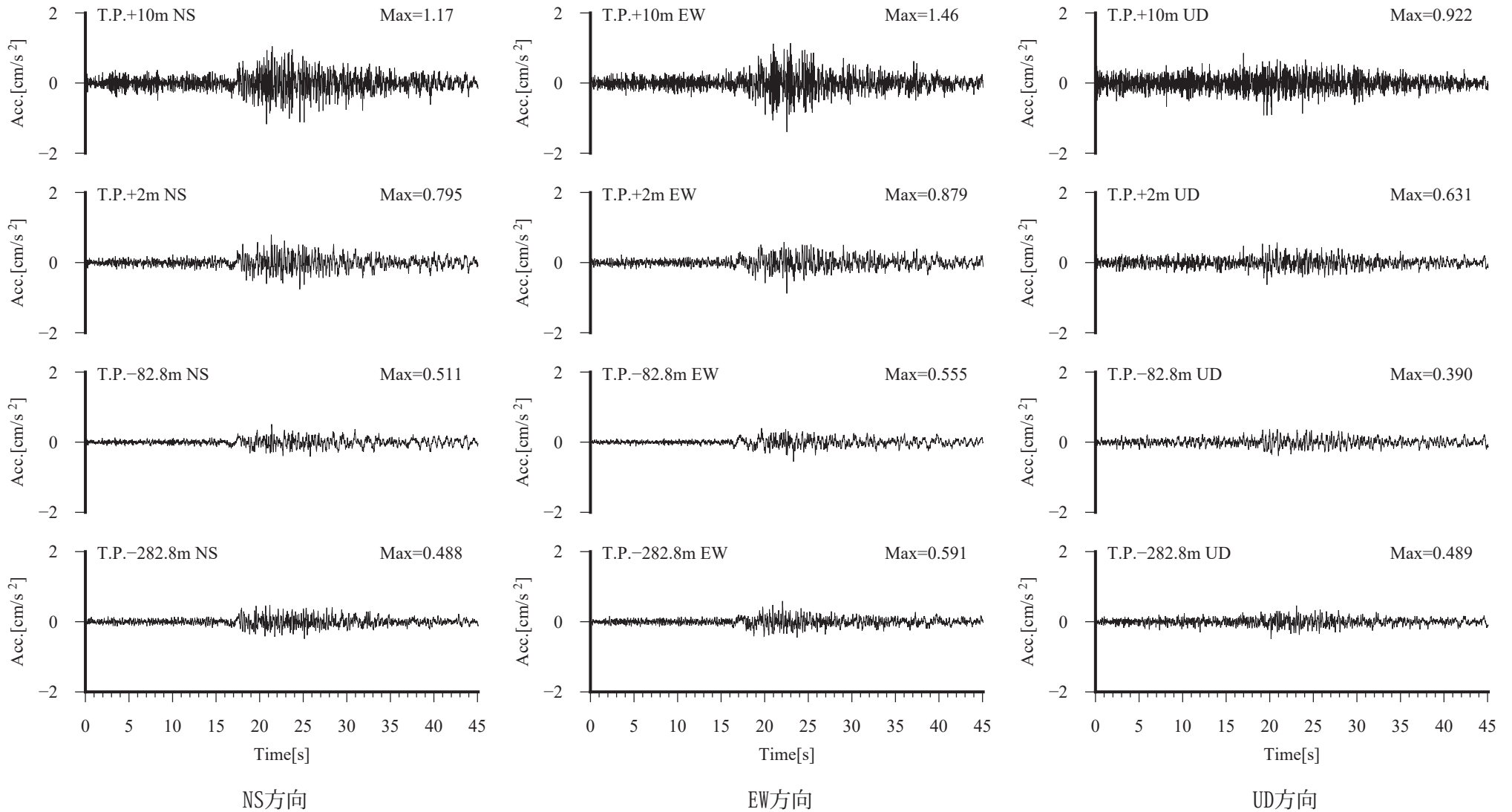
自由地盤 検討に用いた地震の加速度時刻歴波形

2004/10/20 (11:16) M3.9, 深さ=7.84km, 震央距離=39km, 震源距離=40km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

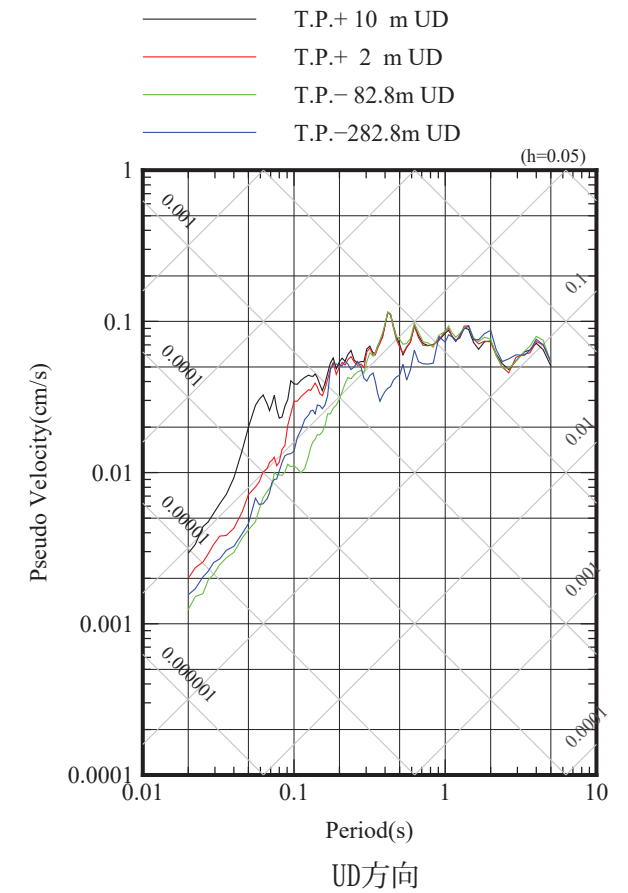
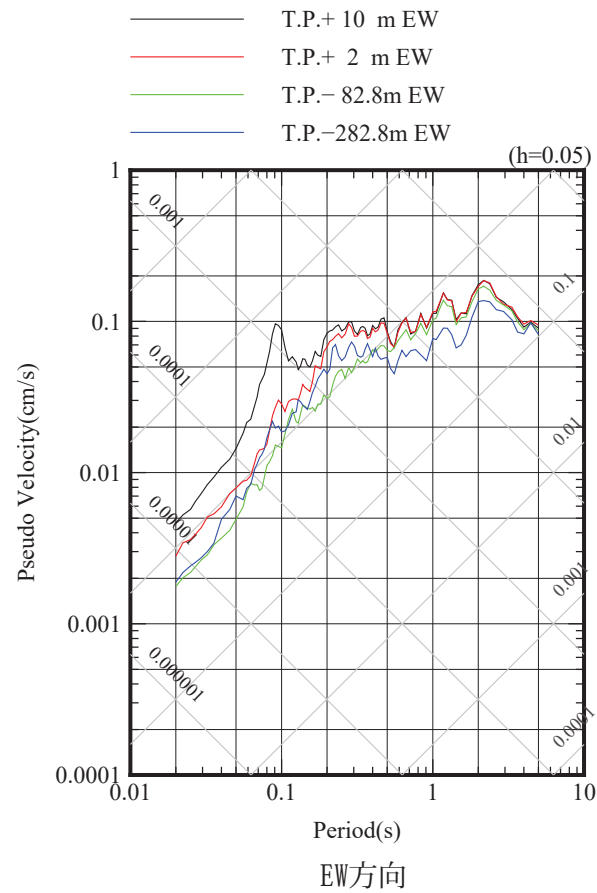
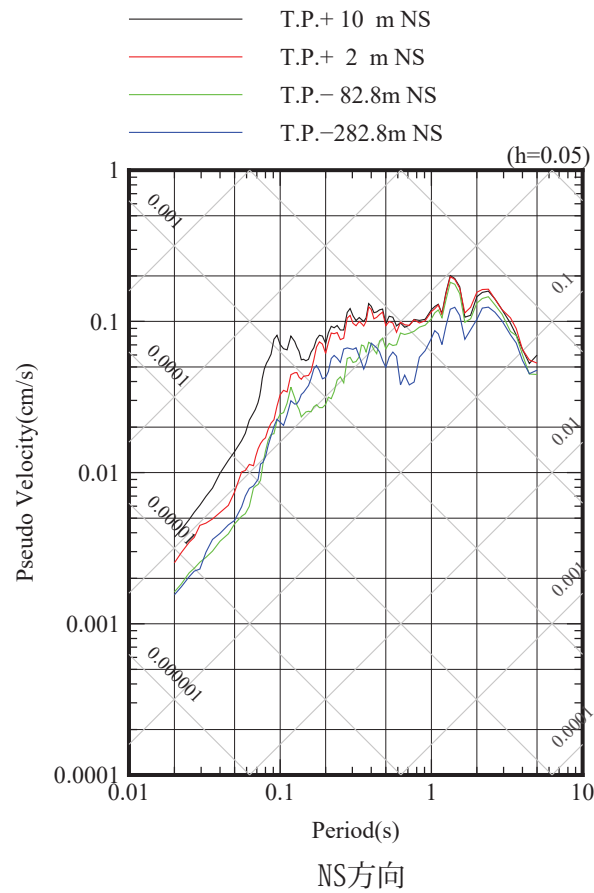
2004/10/20 (11:16) M3.9, 深さ=7.84km, 震央距離=39km, 震源距離=40km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

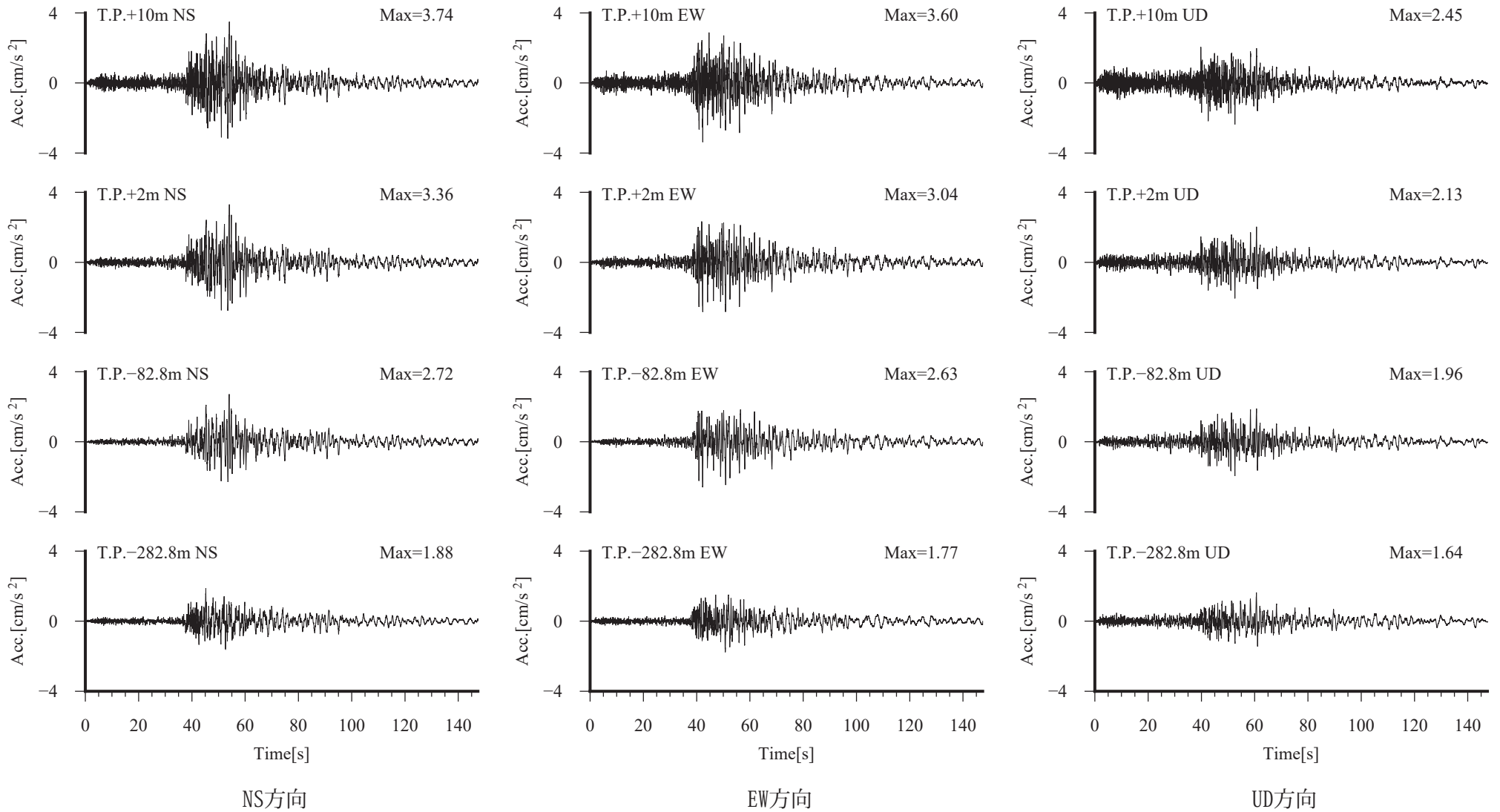
2004/11/27 (7:42) M5.6, 深さ=51.34km, 震央距離=189km, 震源距離=196km





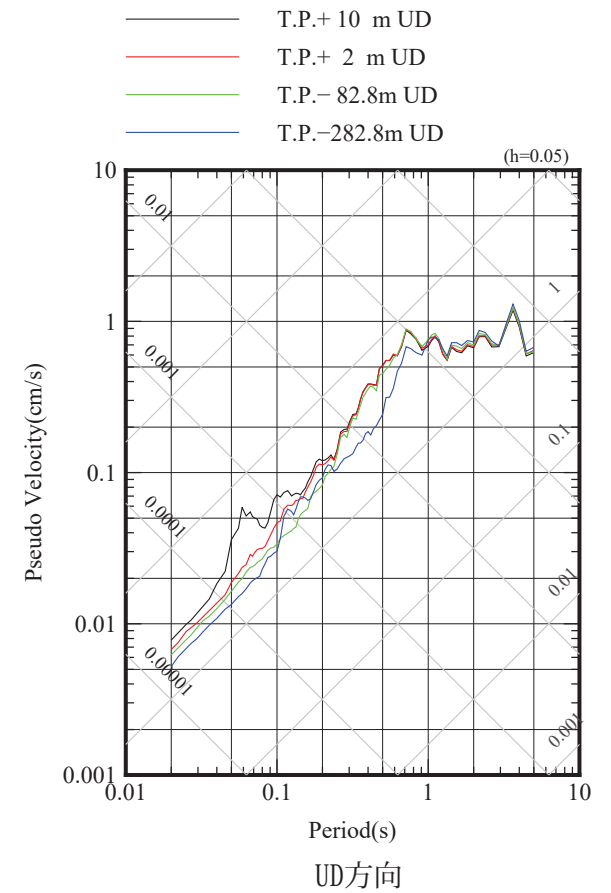
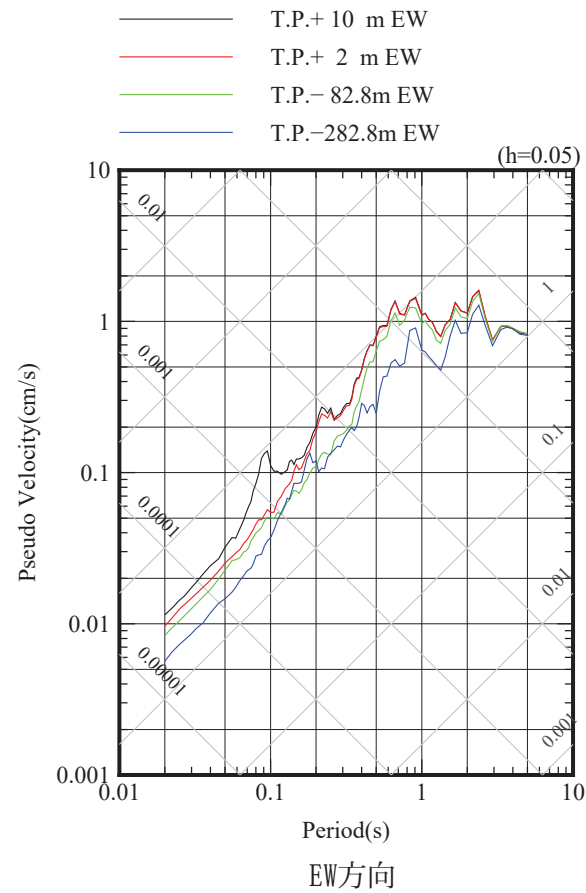
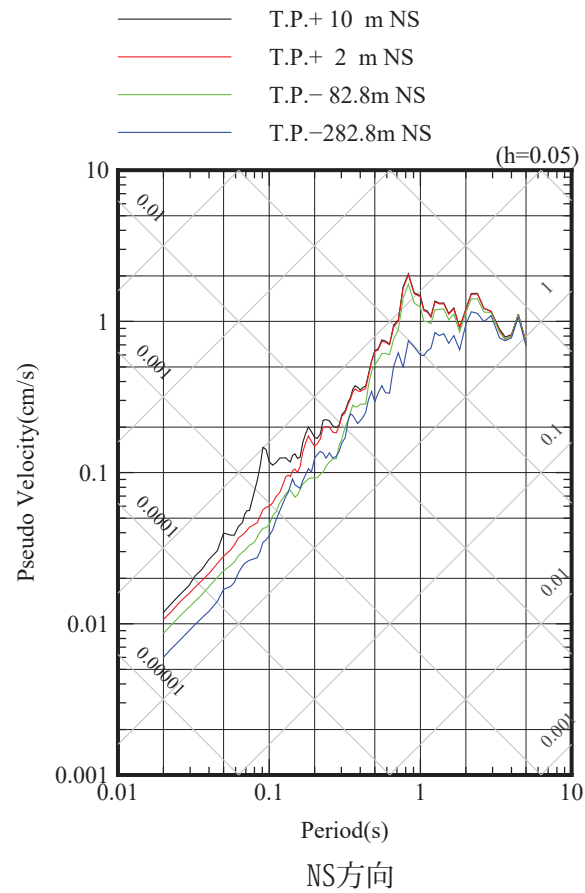
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/11/27 (7:42) M5.6, 深さ=51.34km, 震央距離=189km, 震源距離=196km



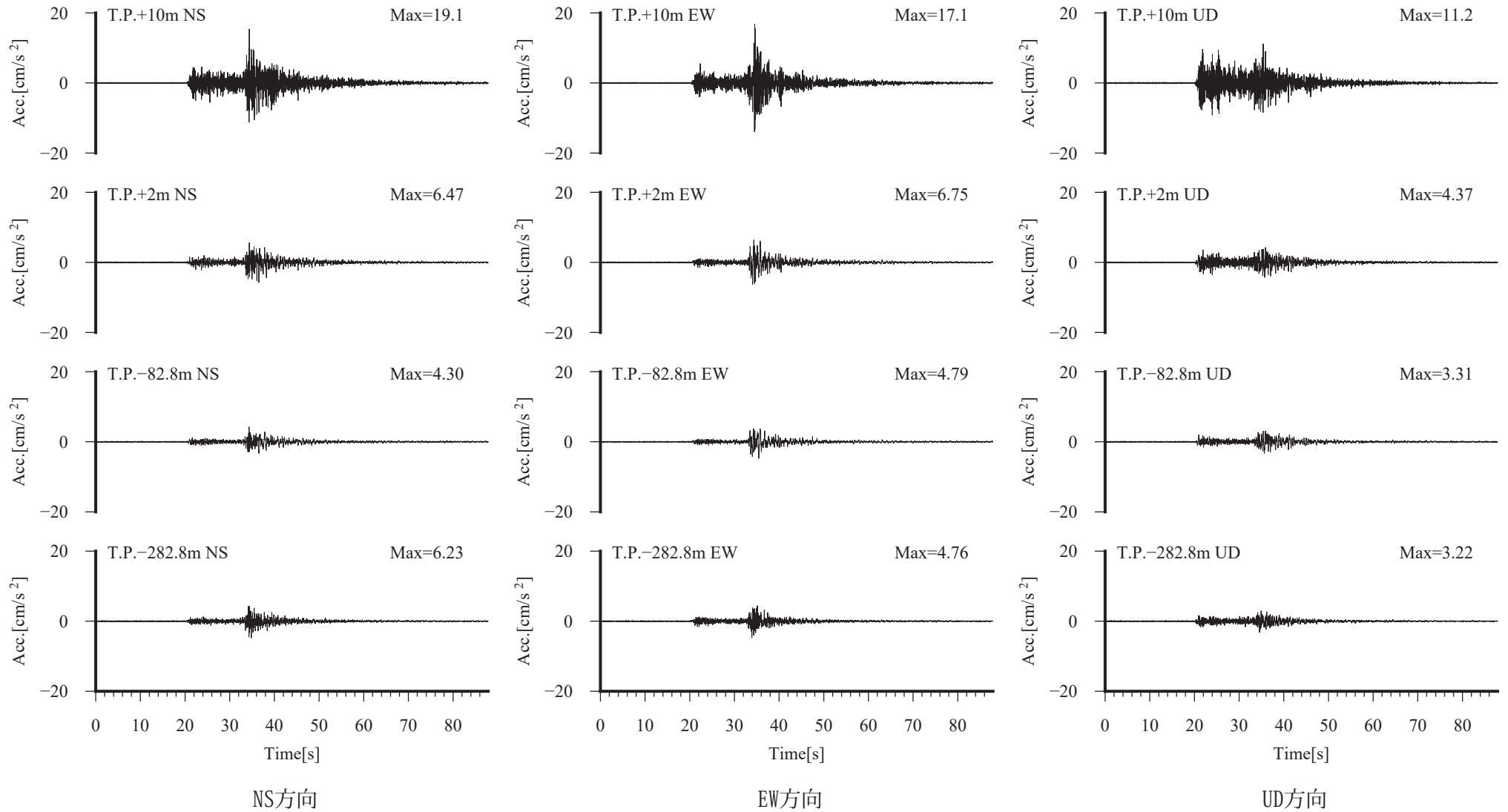
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2004/11/29 (3:32) M7.1, 深さ=48.17km, 震央距離=376km, 震源距離=379km



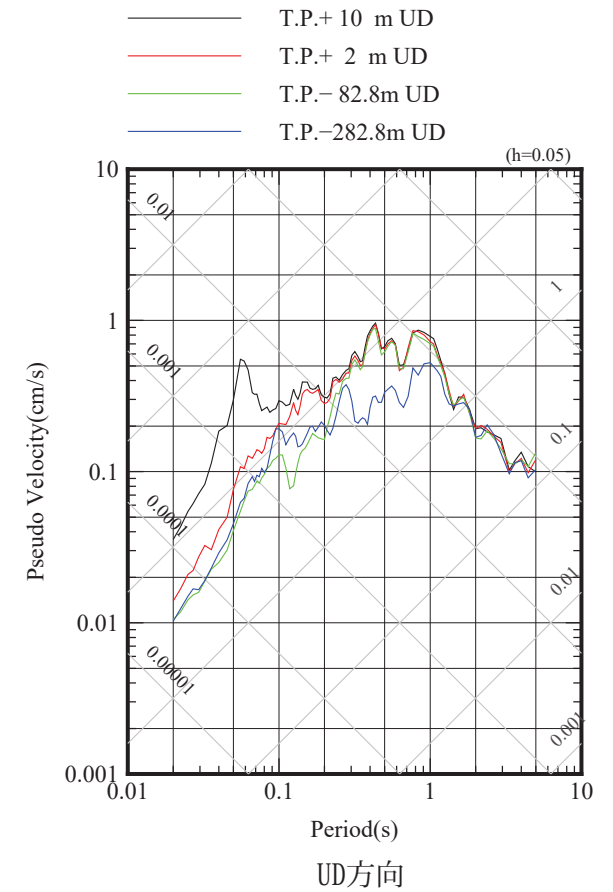
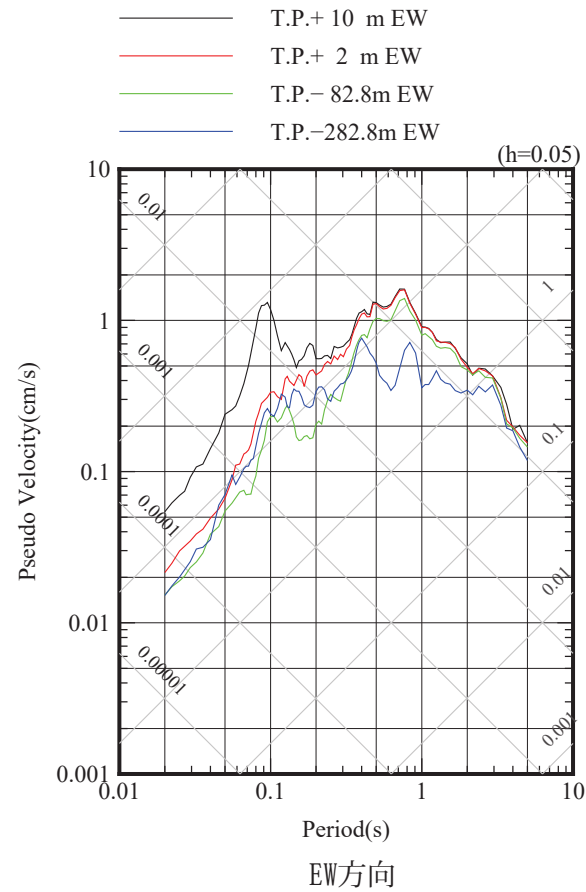
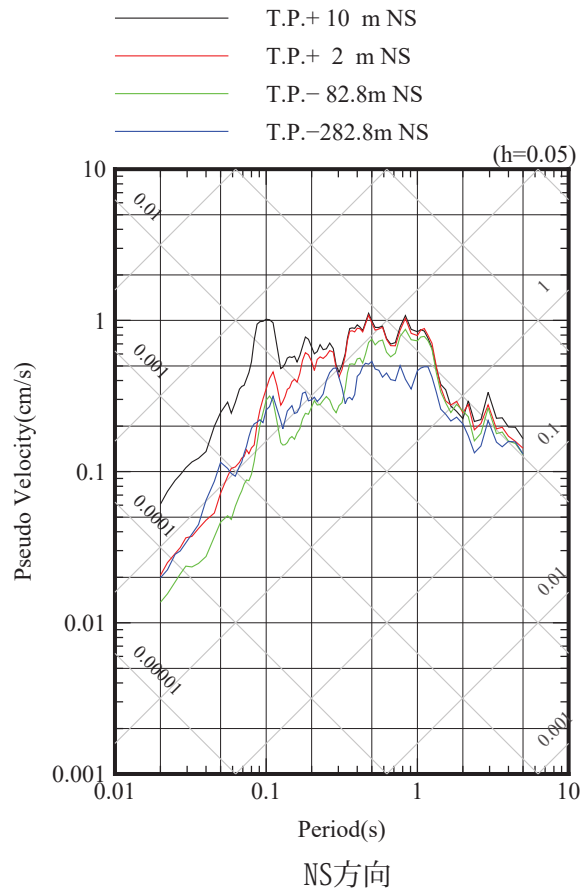
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2004/11/29 (3:32) M7.1, 深さ=48.17km, 震央距離=376km, 震源距離=379km



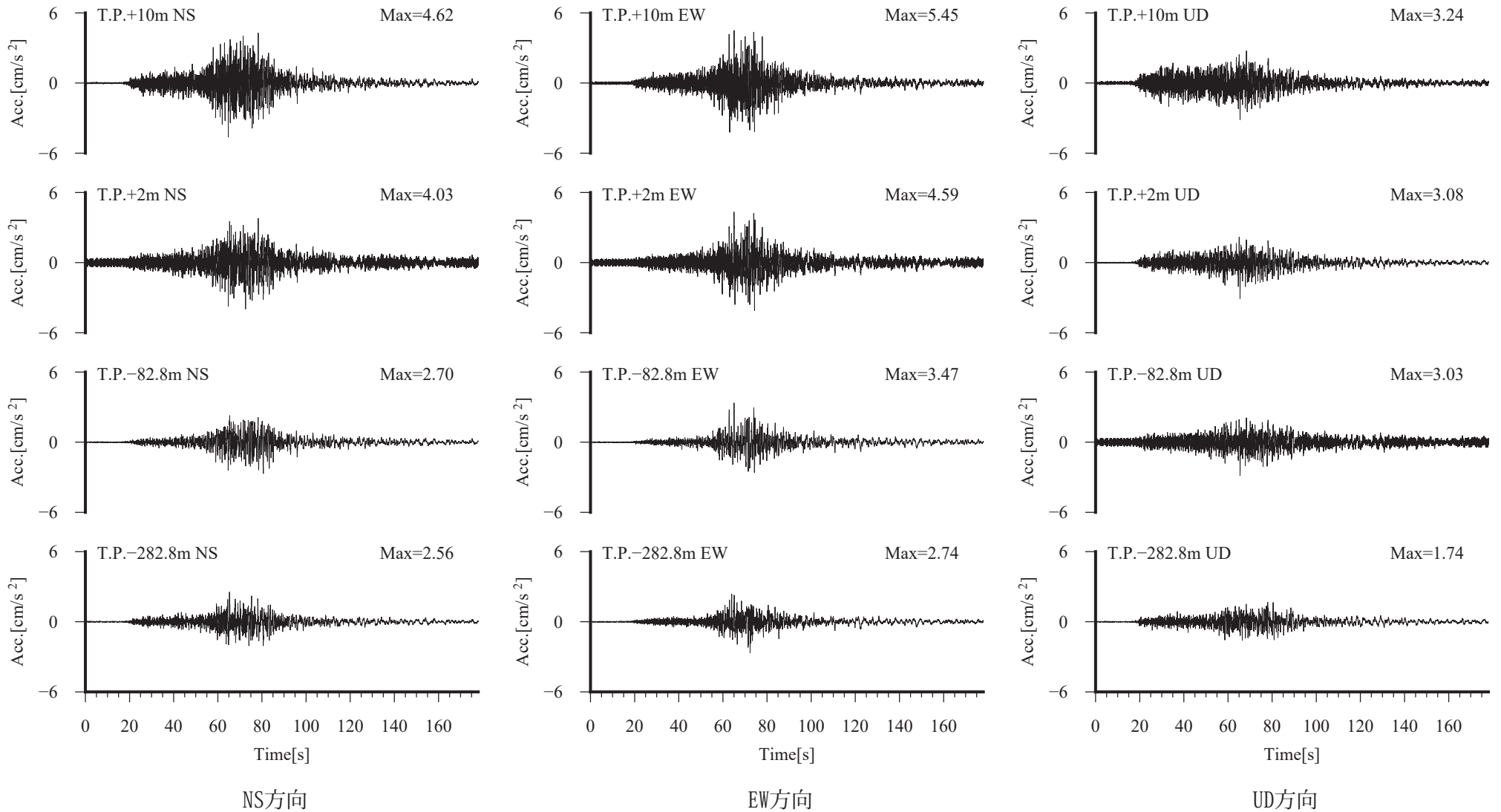
自由地盤 検討に用いた地震の加速度時刻歴波形

2005/2/26 (21:37) M5.7, 深さ=44.65km, 震央距離=116km, 震源距離=124km



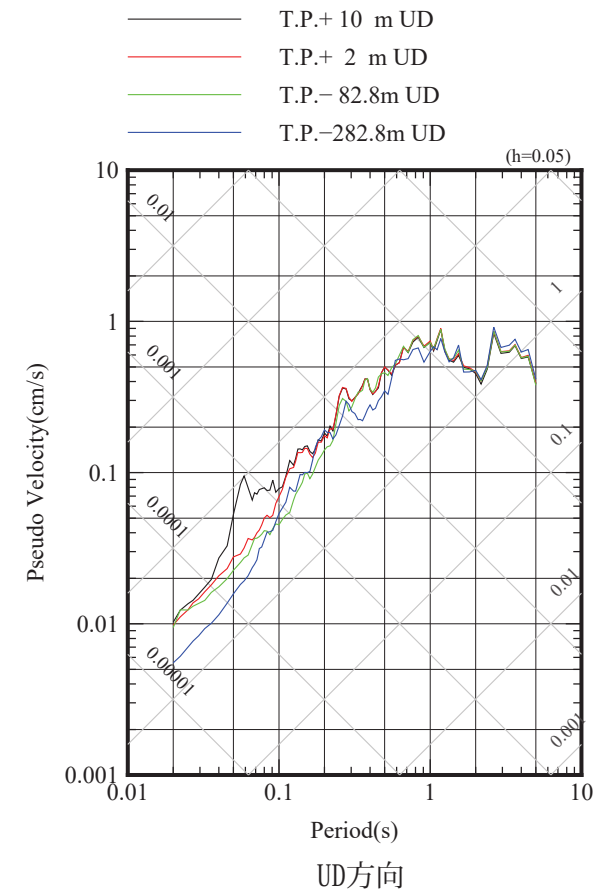
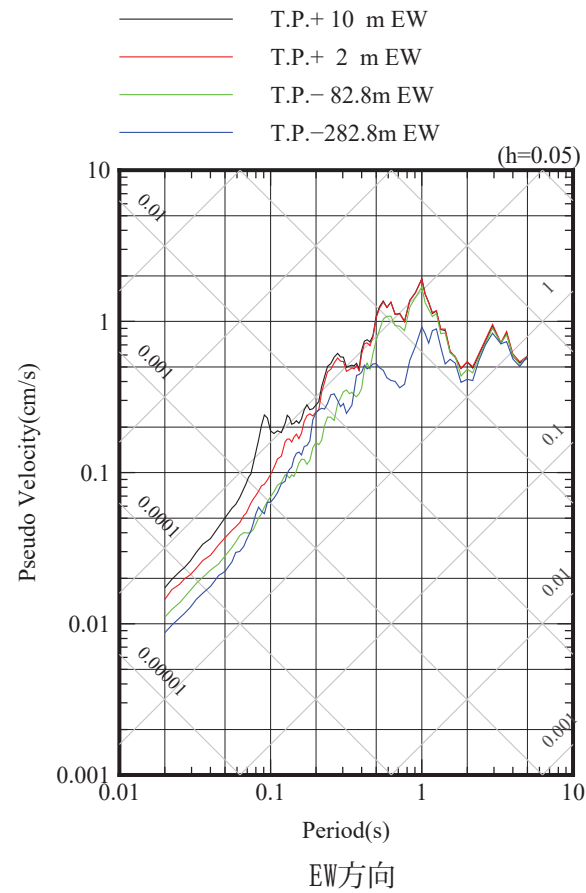
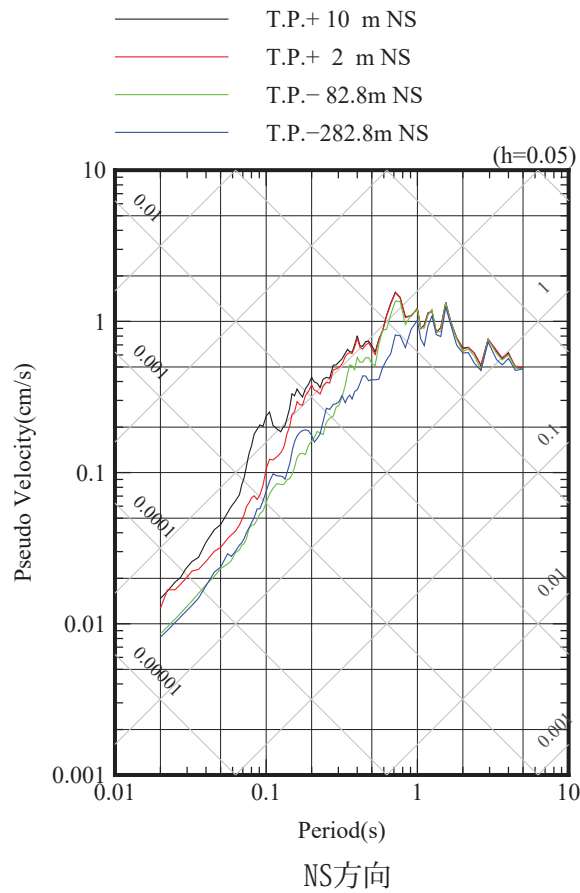
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2005/2/26 (21:37) M5.7, 深さ=44.65km, 震央距離=116km, 震源距離=124km



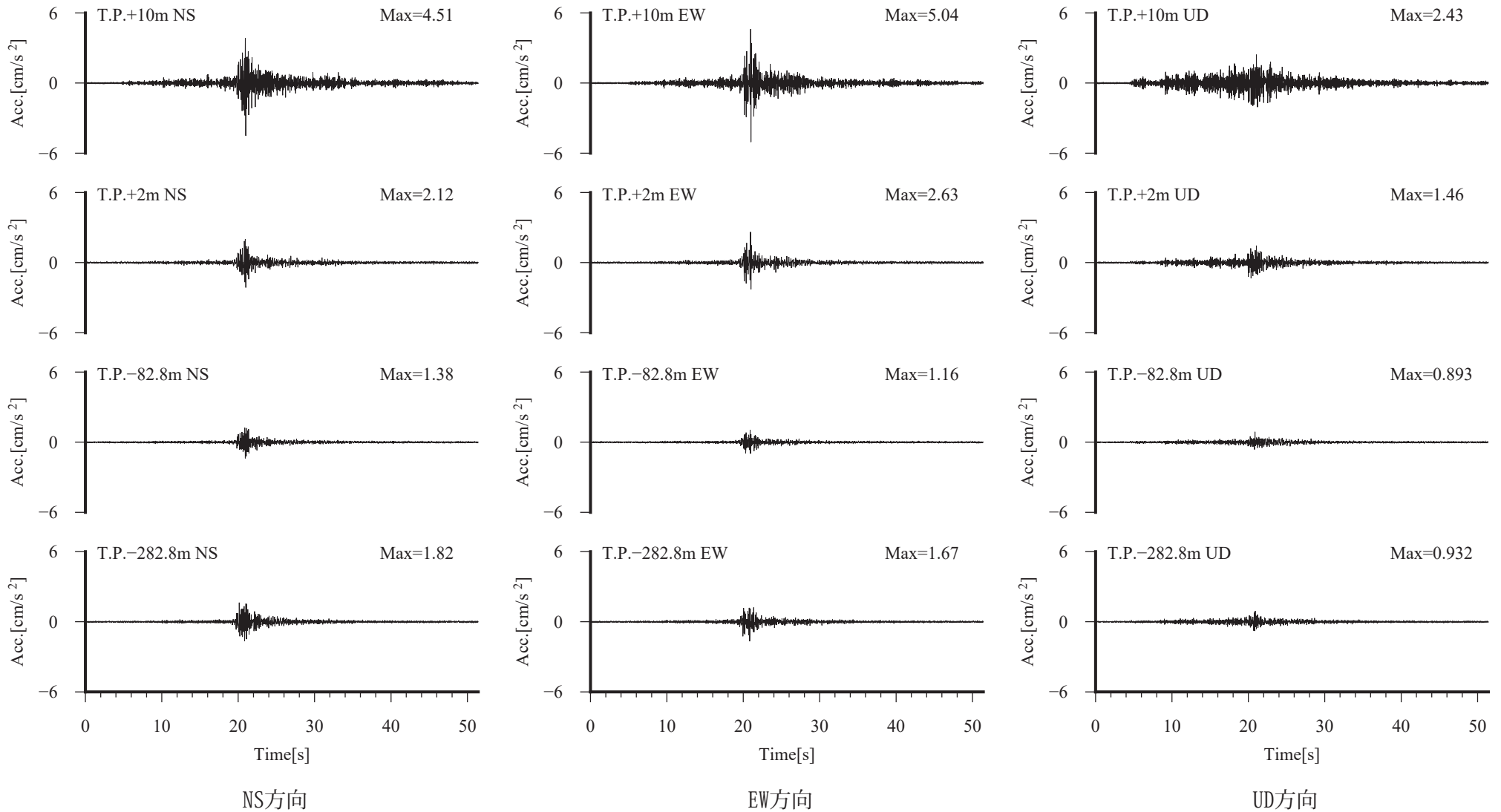
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2005/8/16 (11:46) M7.2, 深さ=42.04km, 震央距離=346km, 震源距離=348km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

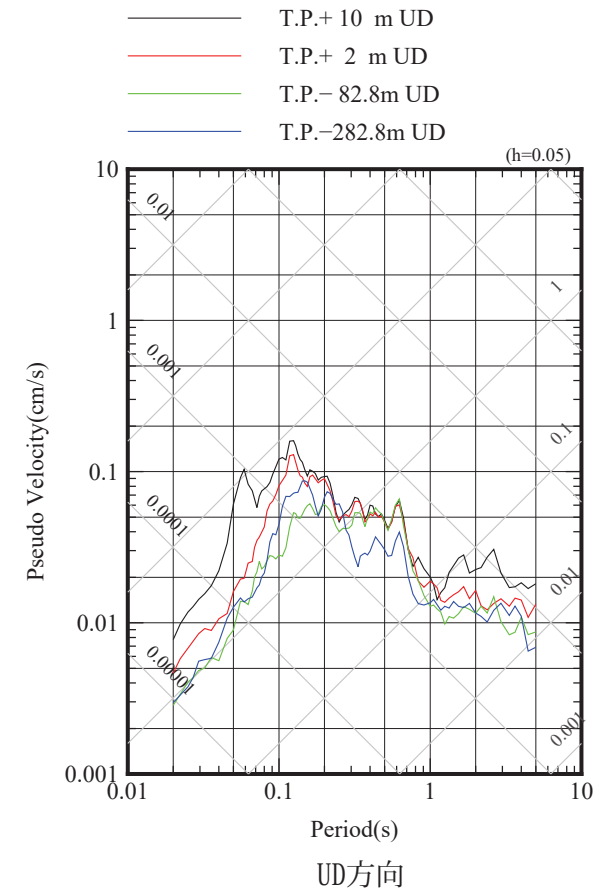
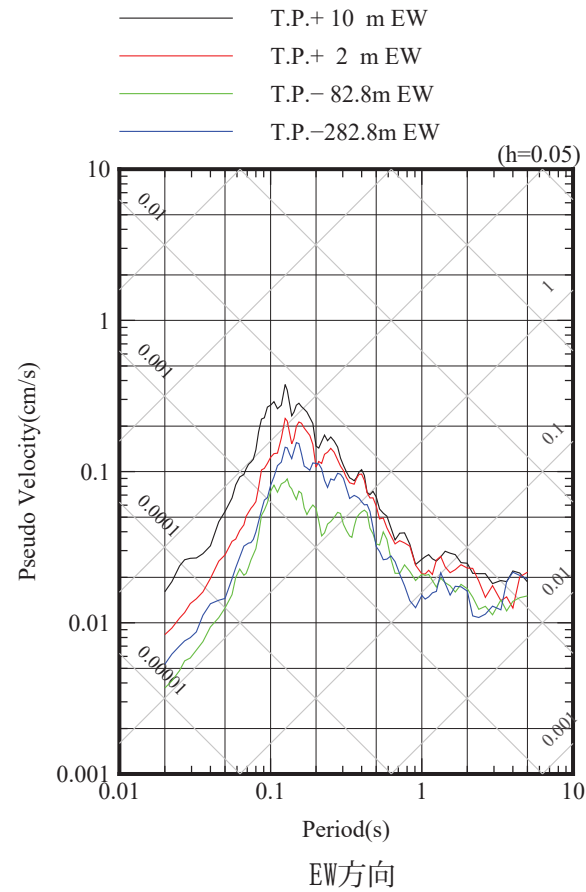
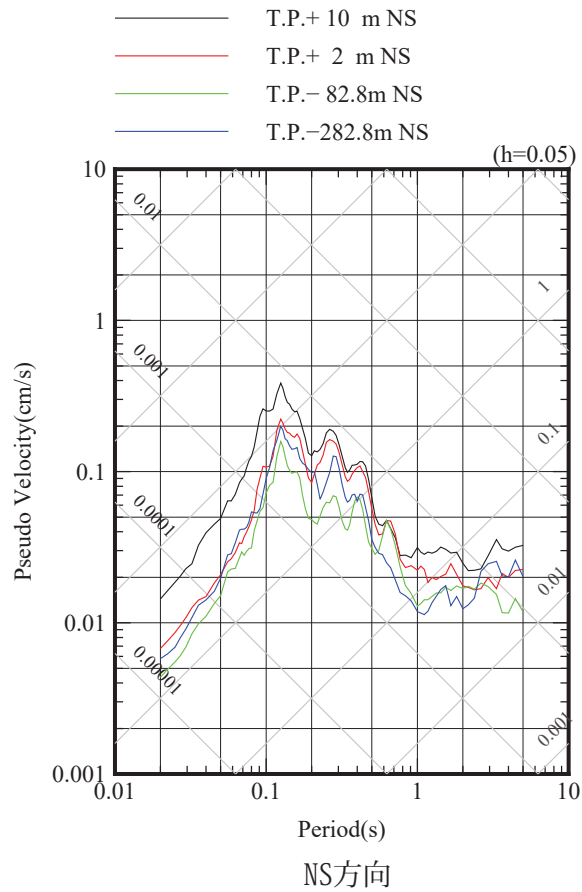
2005/8/16 (11:46) M7.2, 深さ=42.04km, 震央距離=346km, 震源距離=348km



自由地盤 検討に用いた地震の加速度時刻歴波形

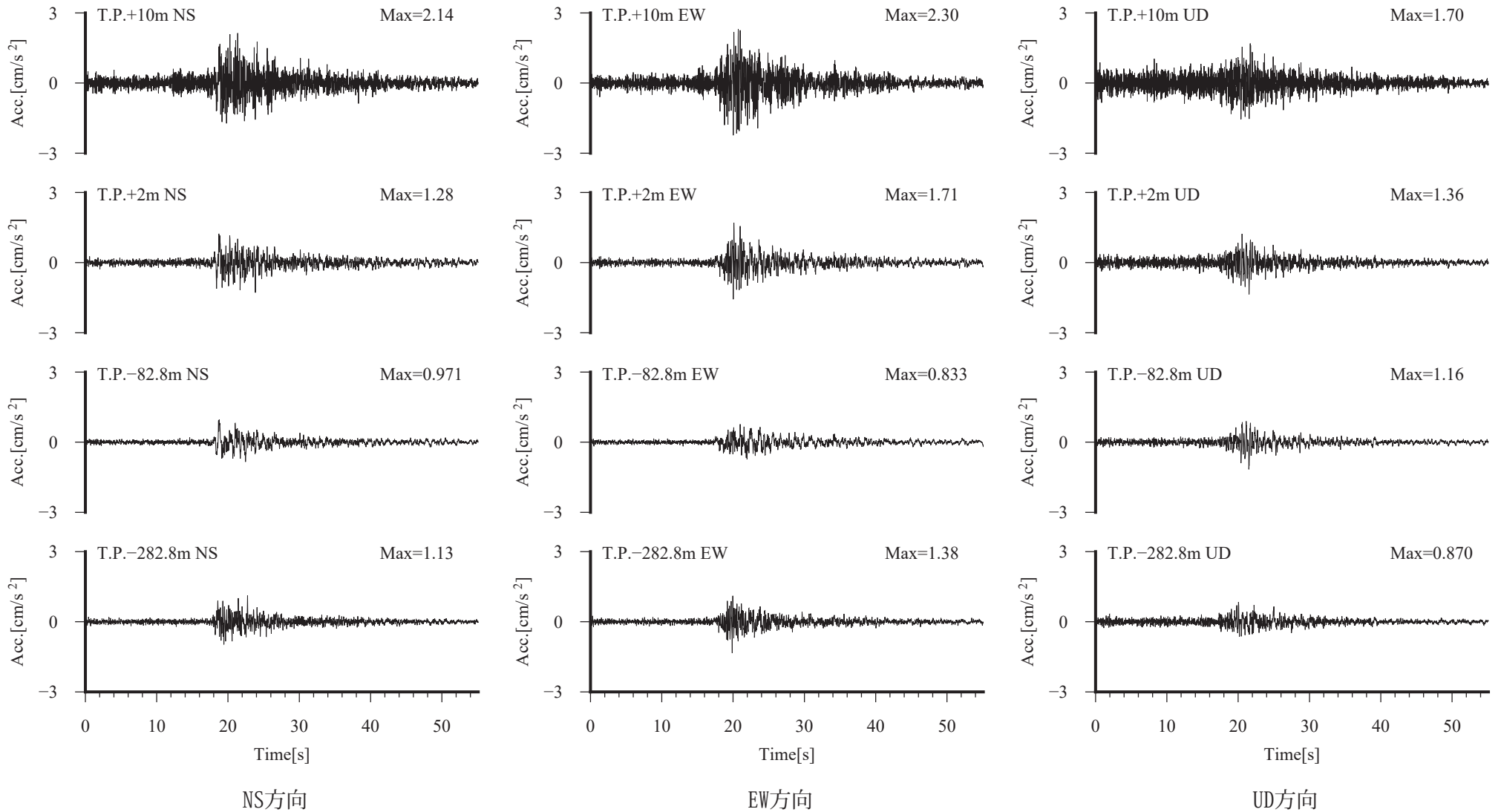
2007/3/15 (14:43) M4.5, 深さ=122.6km, 震央距離=84km, 震源距離=148km





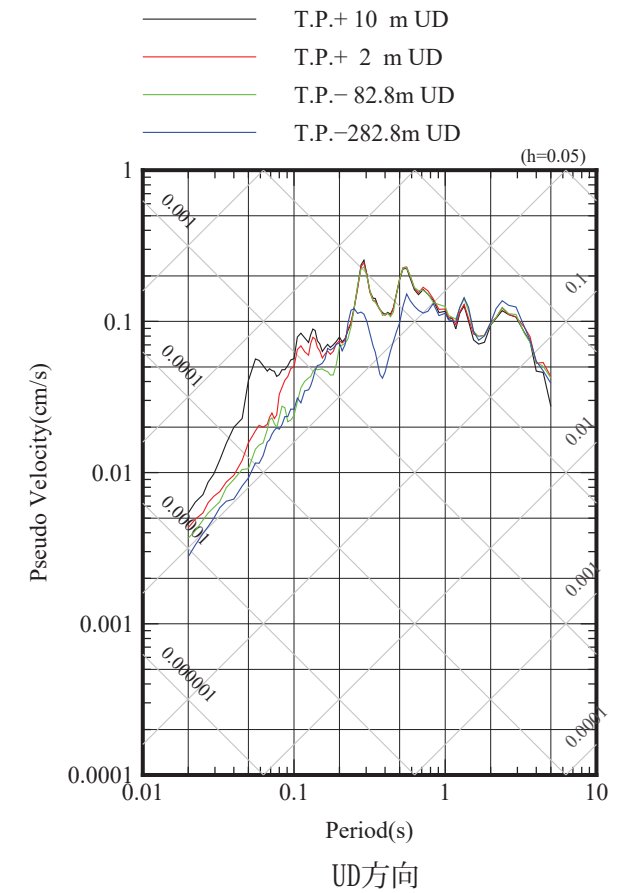
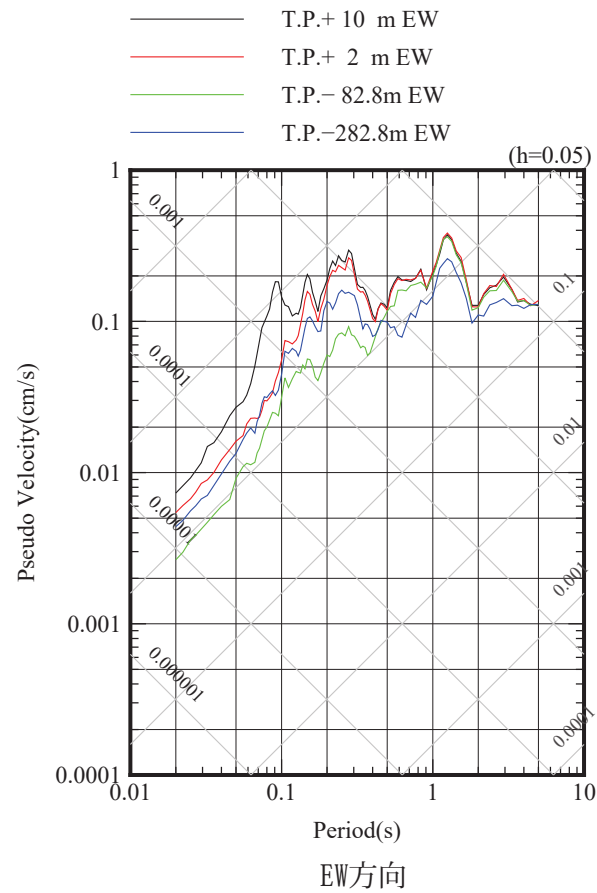
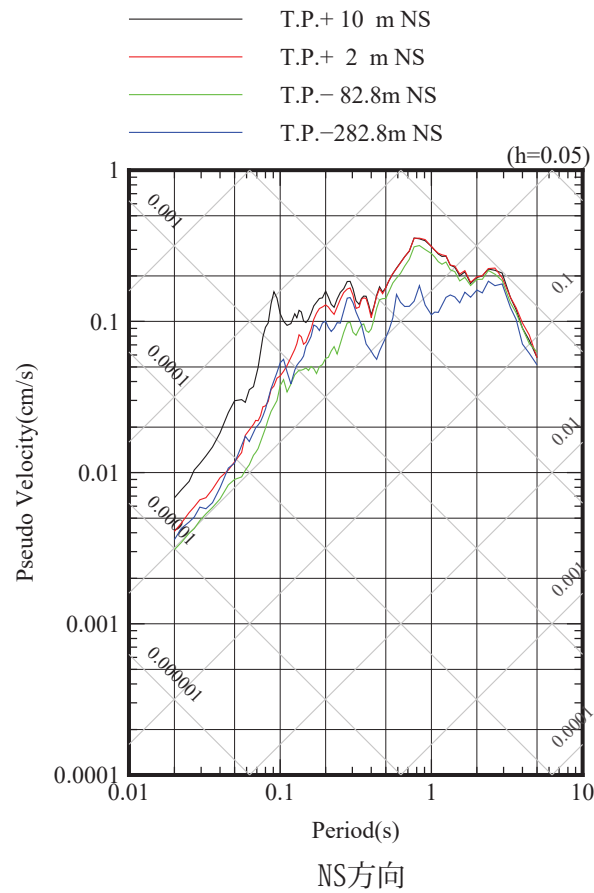
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2007/3/15 (14:43) M4.5, 深さ=122.6km, 震央距離=84km, 震源距離=148km



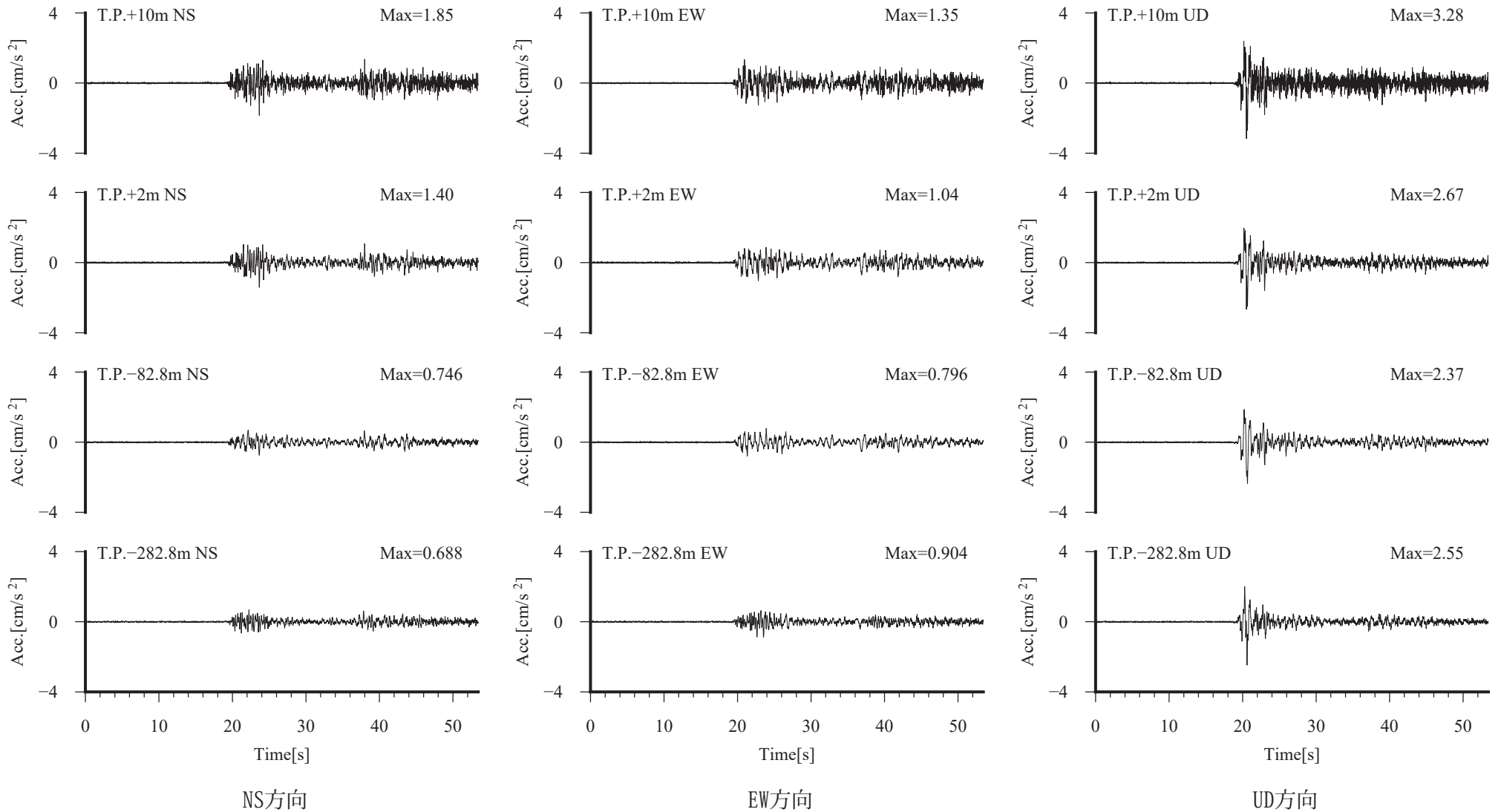
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2007/4/19 (0:7) M5.6, 深さ=126.18km, 震央距離=171km, 震源距離=213km



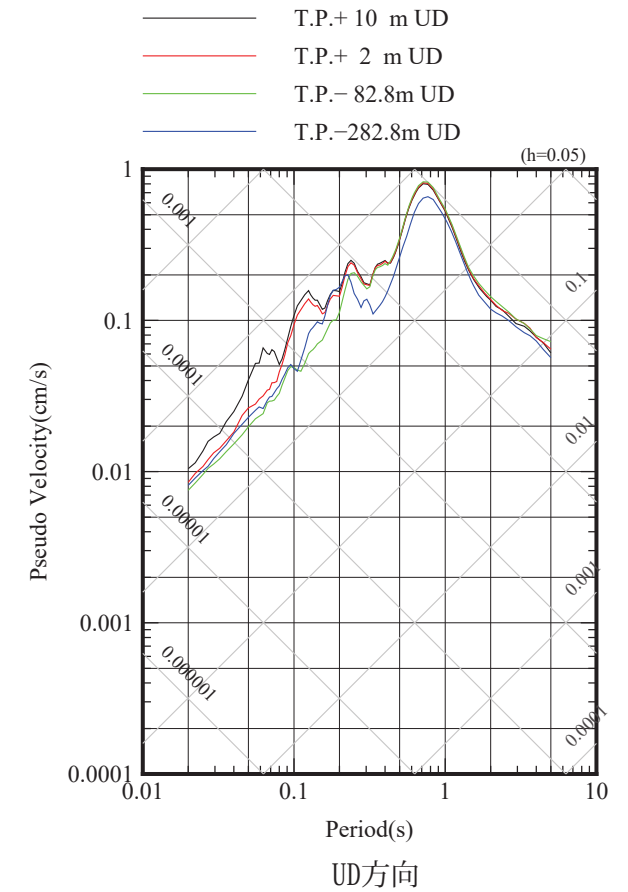
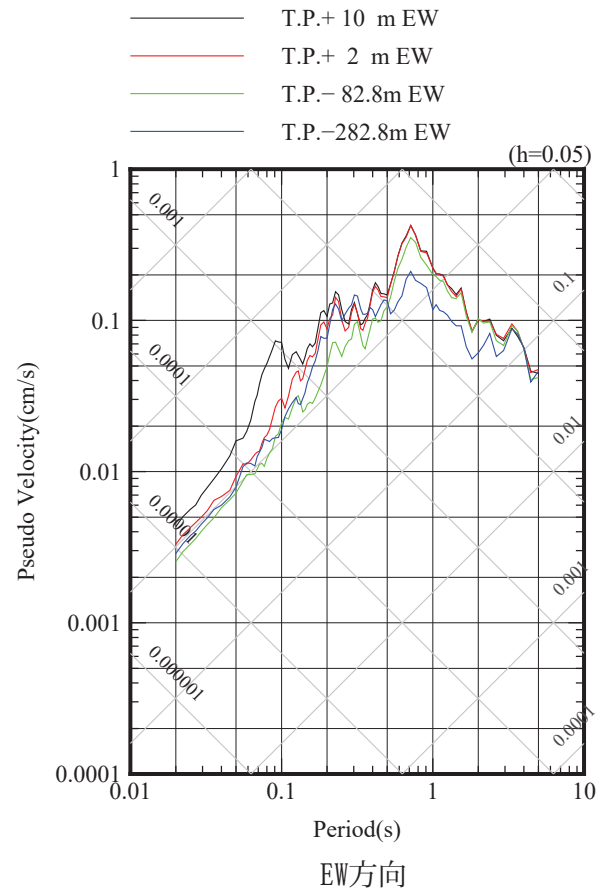
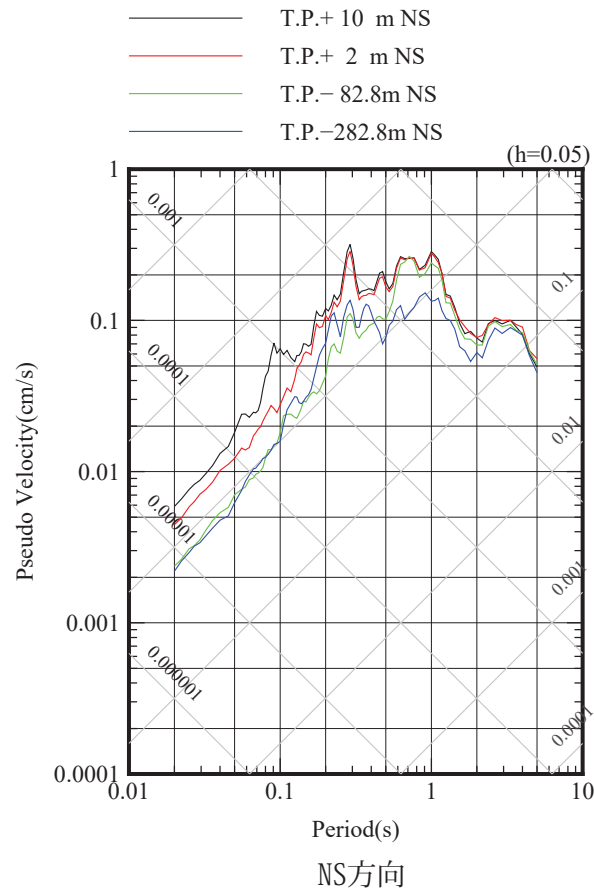
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2007/4/19 (0:7) M5.6, 深さ=126.18km, 震央距離=171km, 震源距離=213km



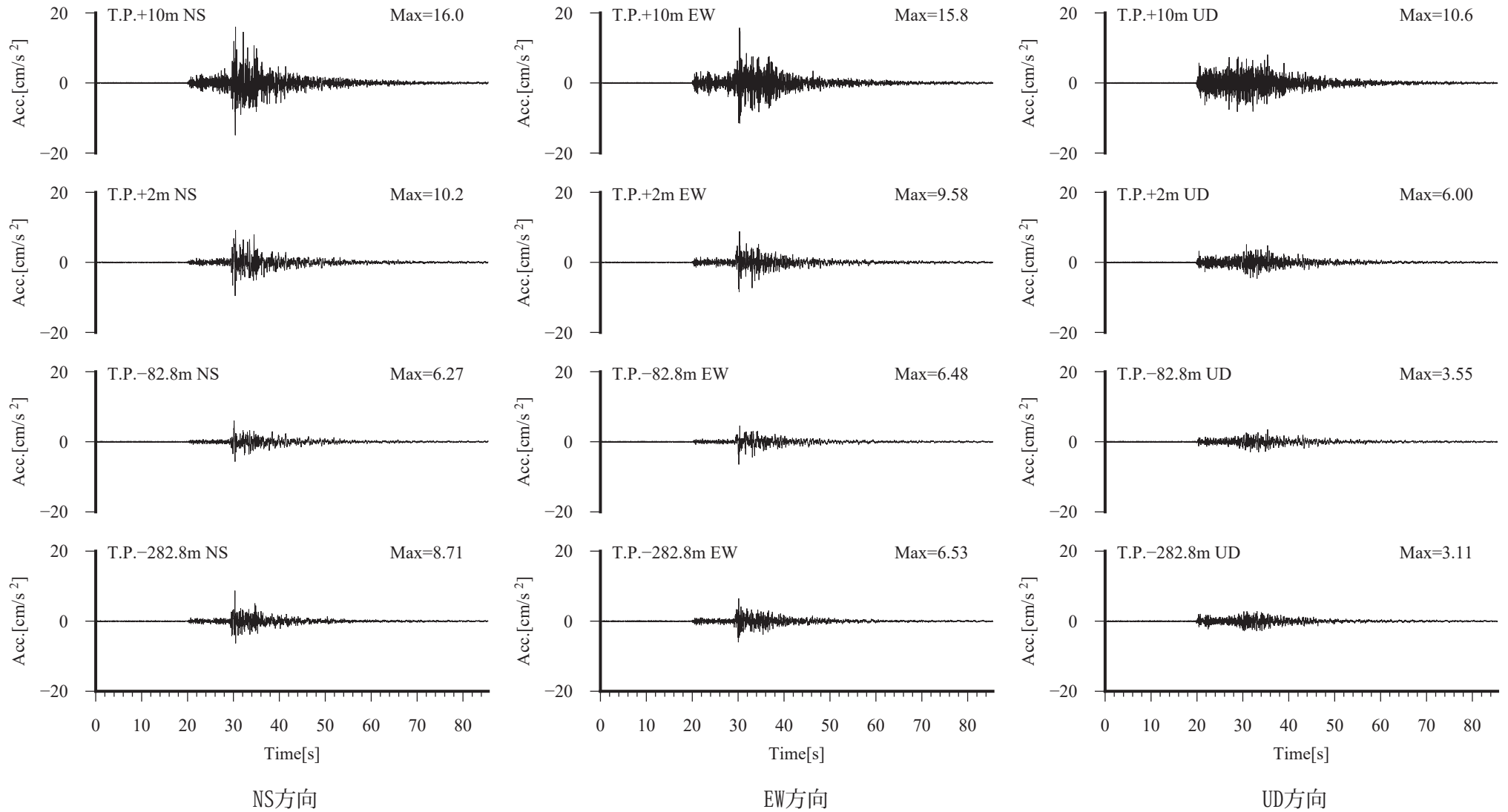
自由地盤 検討に用いた地震の加速度時刻歴波形

2007/8/22 (16:26) M5.4, 深さ=121.81km, 震央距離=100km, 震源距離=158km



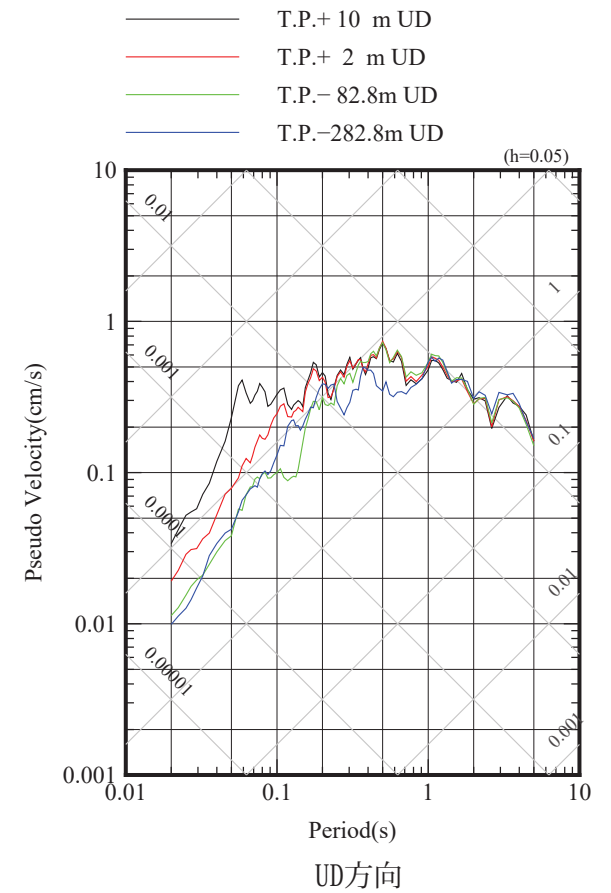
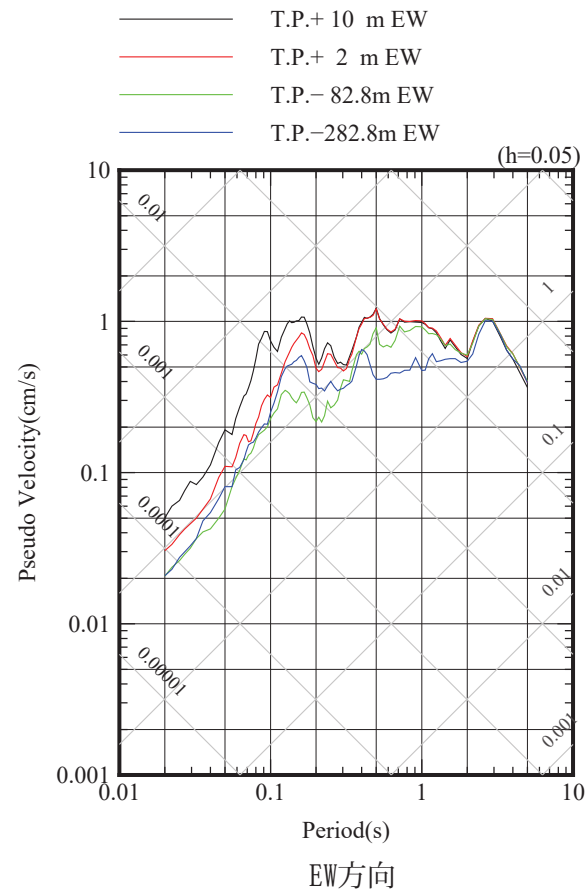
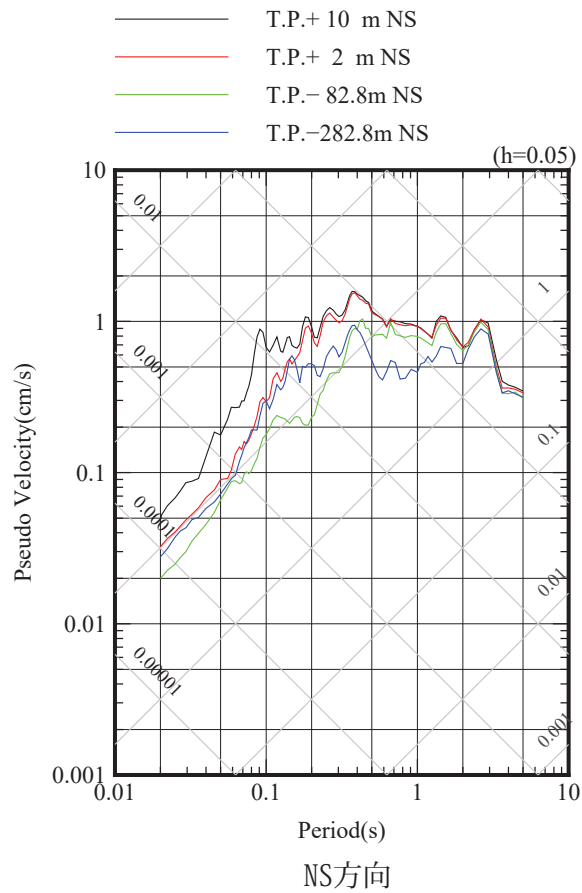
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2007/8/22 (16:26) M5.4, 深さ=121.81km, 震央距離=100km, 震源距離=158km



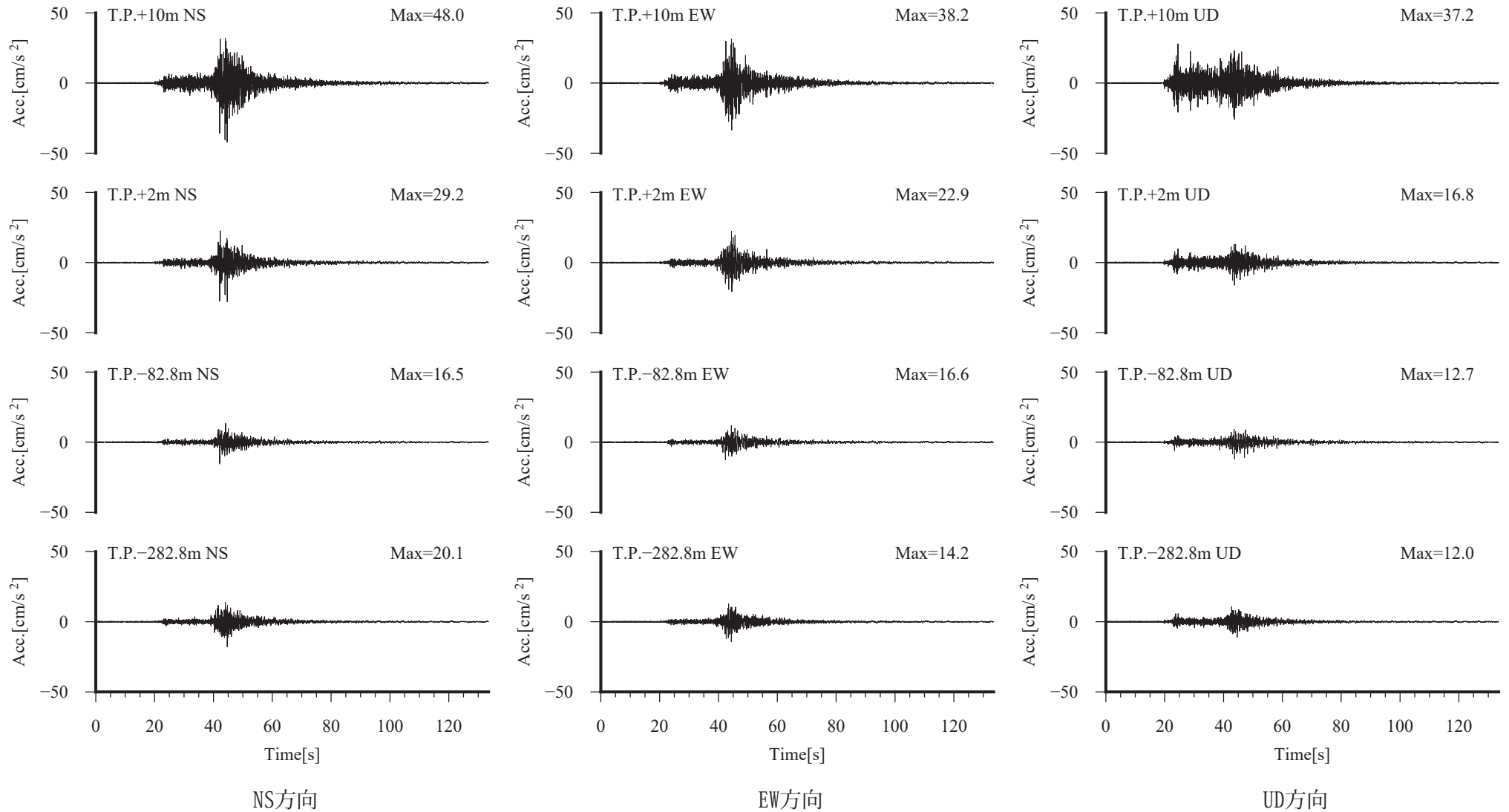
自由地盤 検討に用いた地震の加速度時刻歴波形

2008/4/29 (14:26) M5.7, 深さ=61.68km, 震央距離=67km, 震源距離=91km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

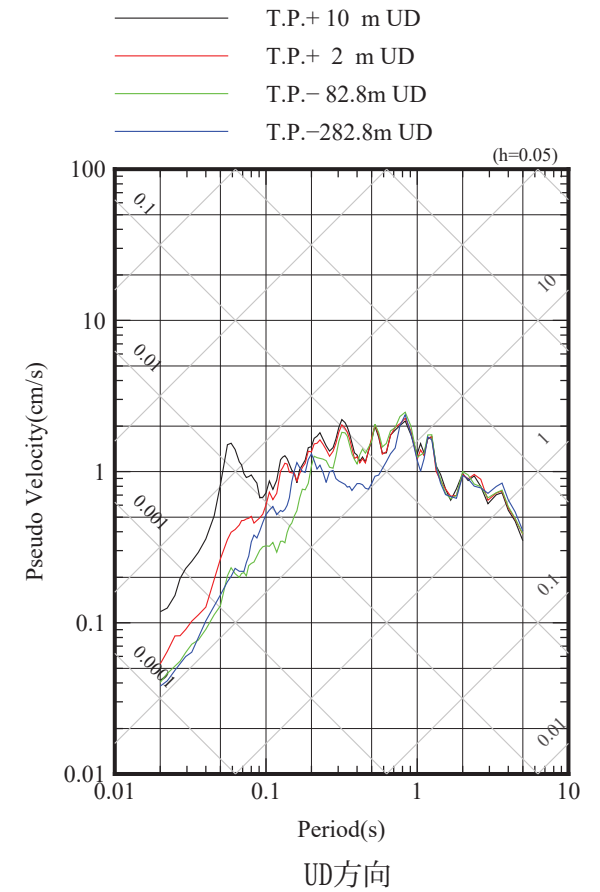
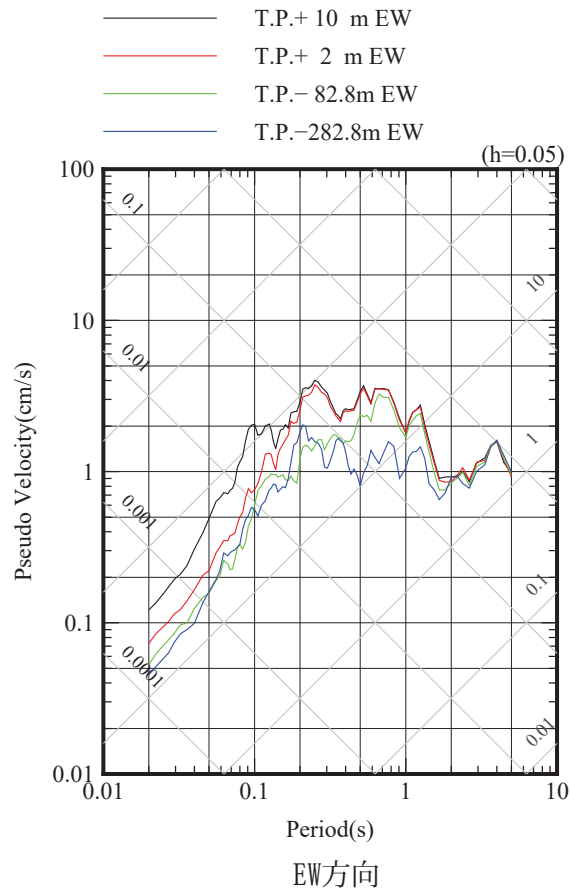
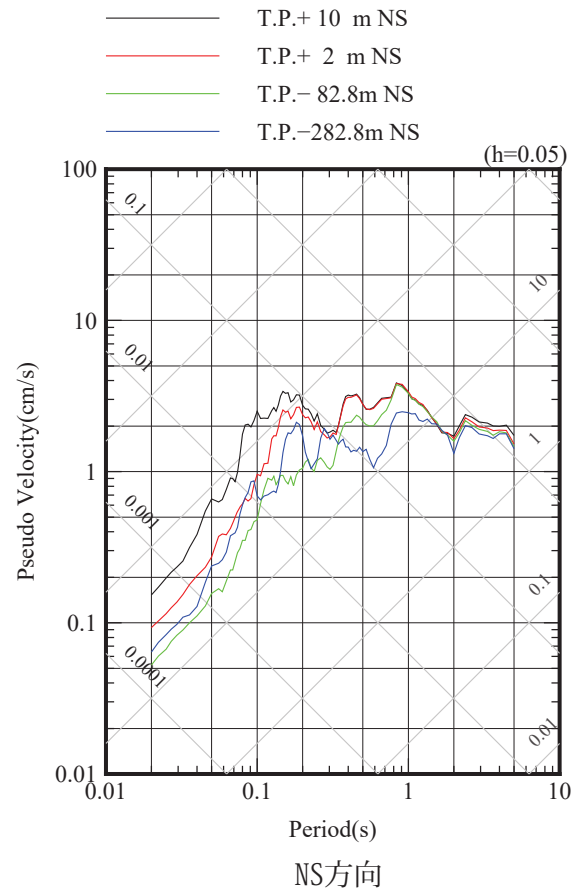
2008/4/29 (14:26) M5.7, 深さ=61.68km, 震央距離=67km, 震源距離=91km



自由地盤 検討に用いた地震の加速度時刻歴波形

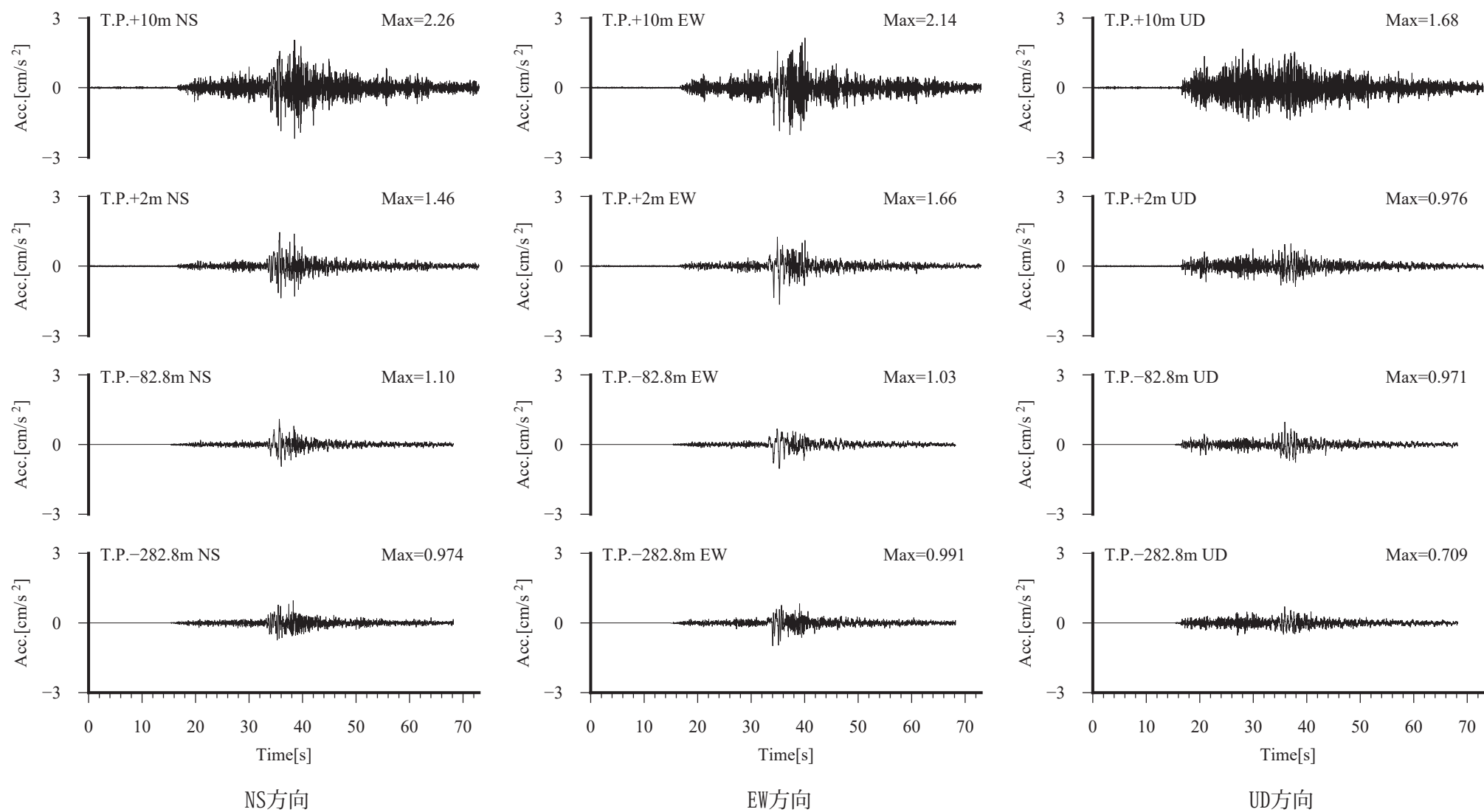
2008/7/24 (0:26) M6.8, 深さ=108.08km, 震央距離=163km, 震源距離=196km





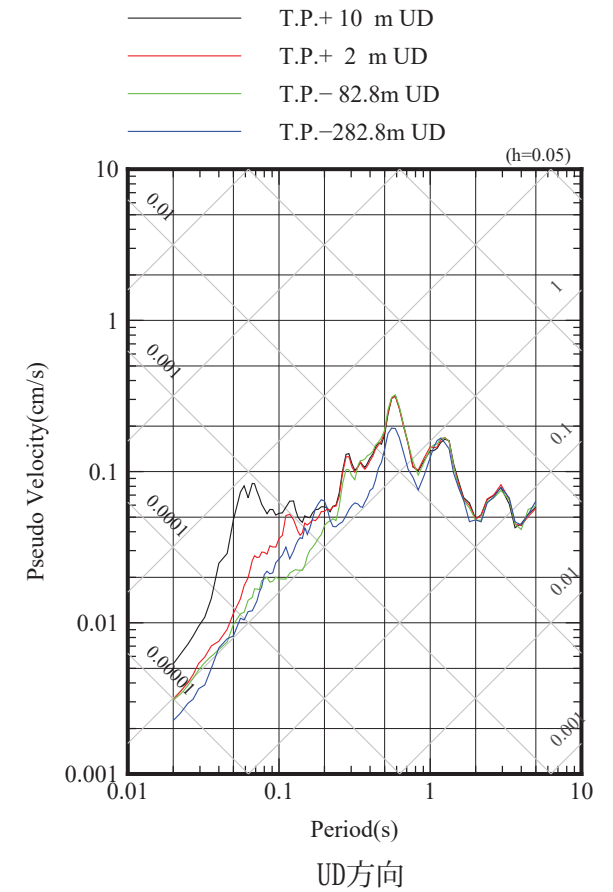
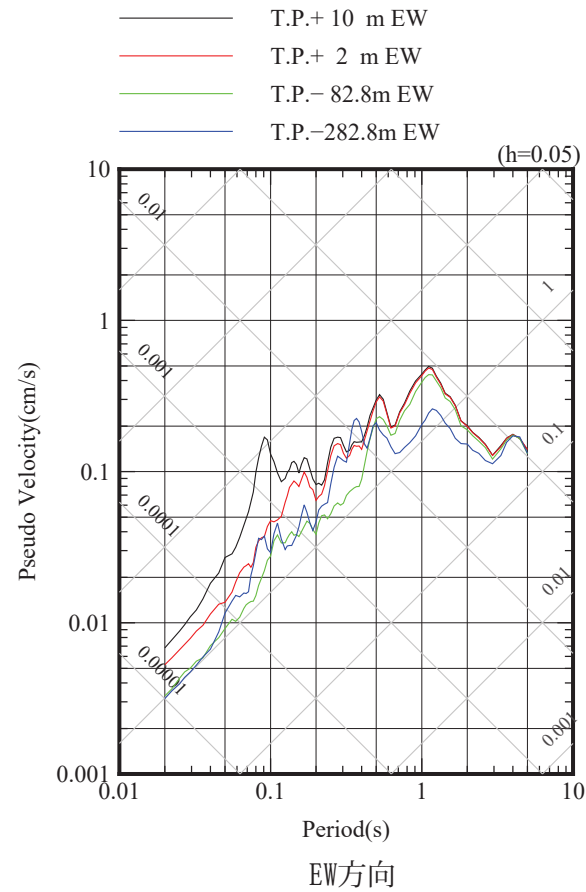
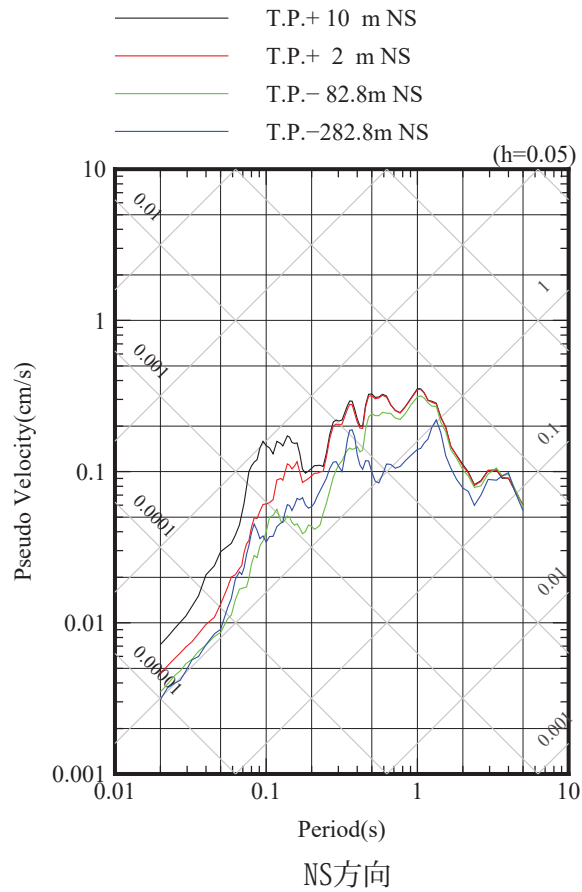
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2008/7/24 (0:26) M6.8, 深さ=108.08km, 震央距離=163km, 震源距離=196km



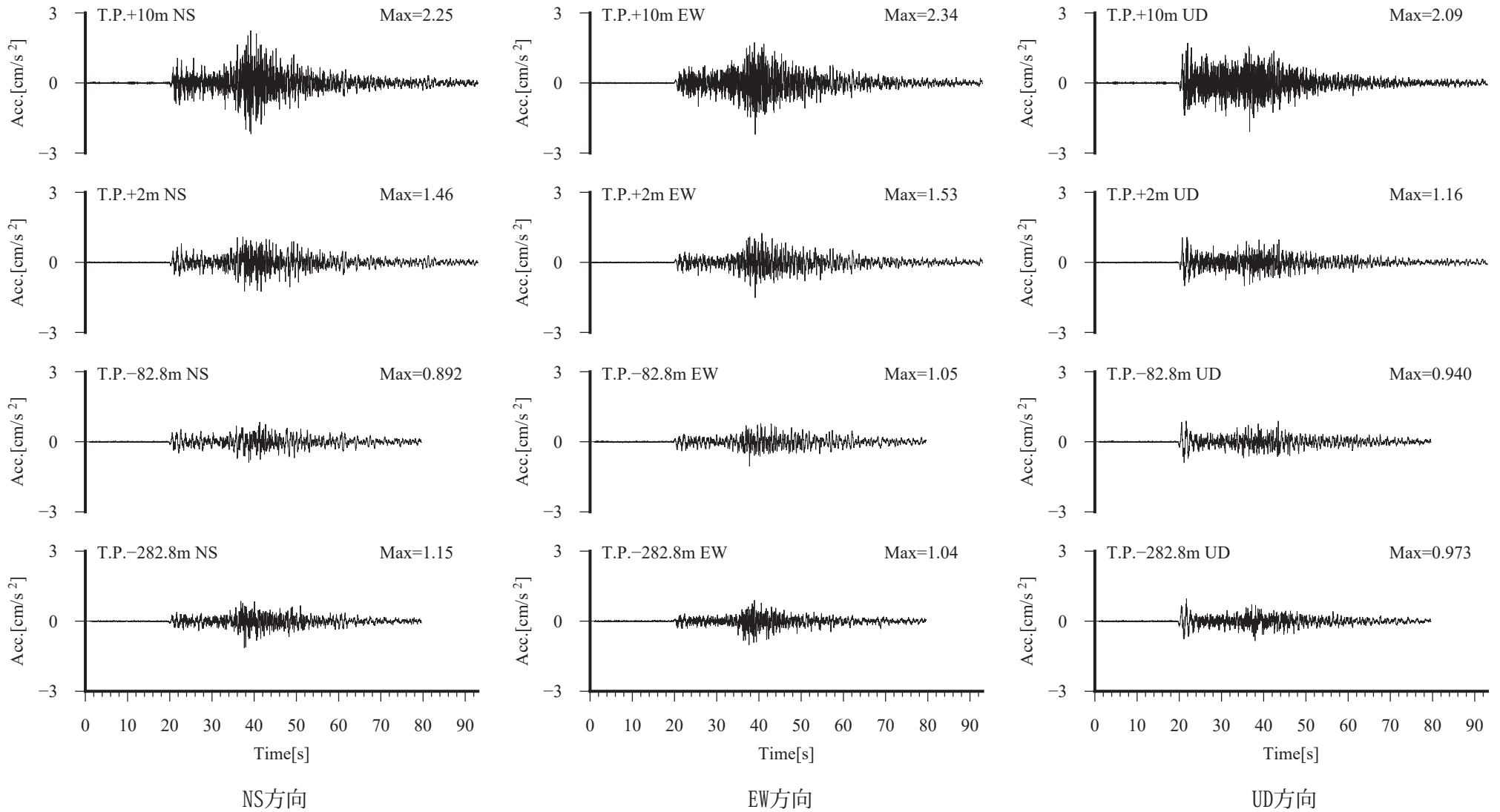
自由地盤 検討に用いた地震の加速度時刻歴波形

2008/9/22 (16:31) M5.6, 深さ=151.78km, 震央距離=79km, 震源距離=171km



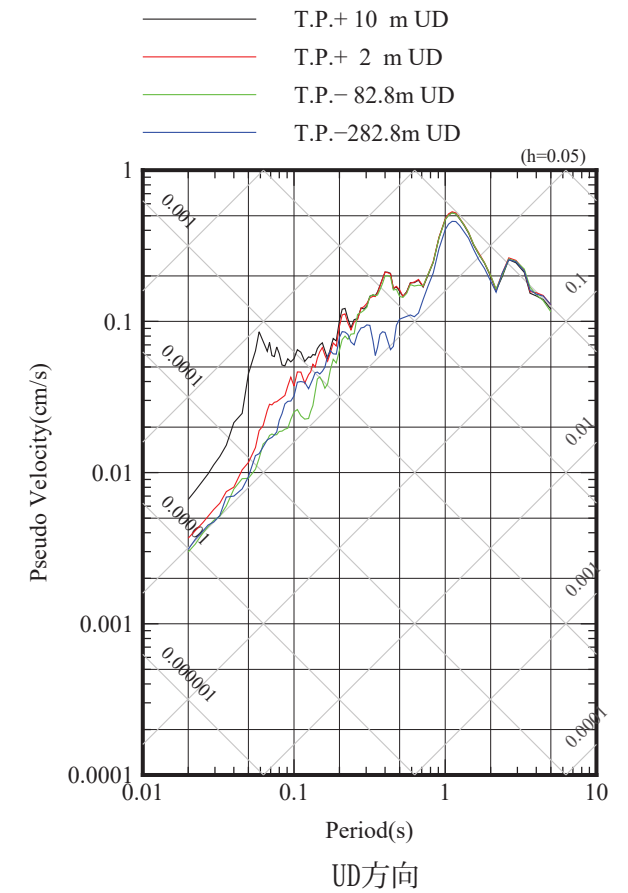
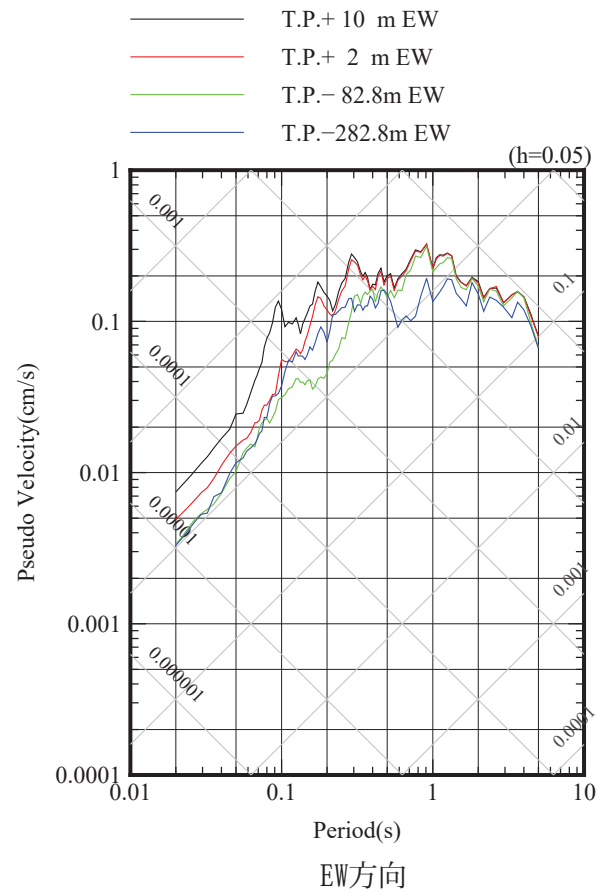
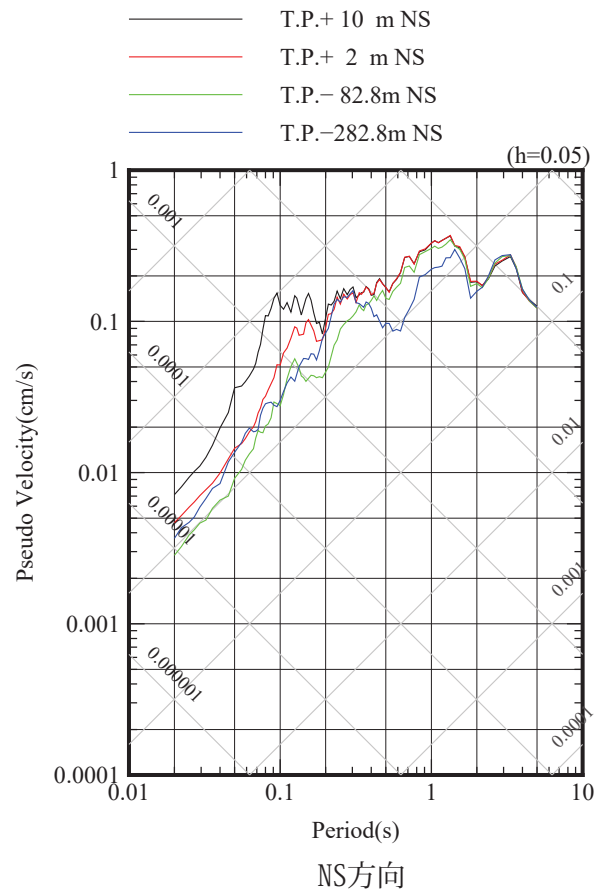
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2008/9/22 (16:31) M5.6, 深さ=151.78km, 震央距離=79km, 震源距離=171km



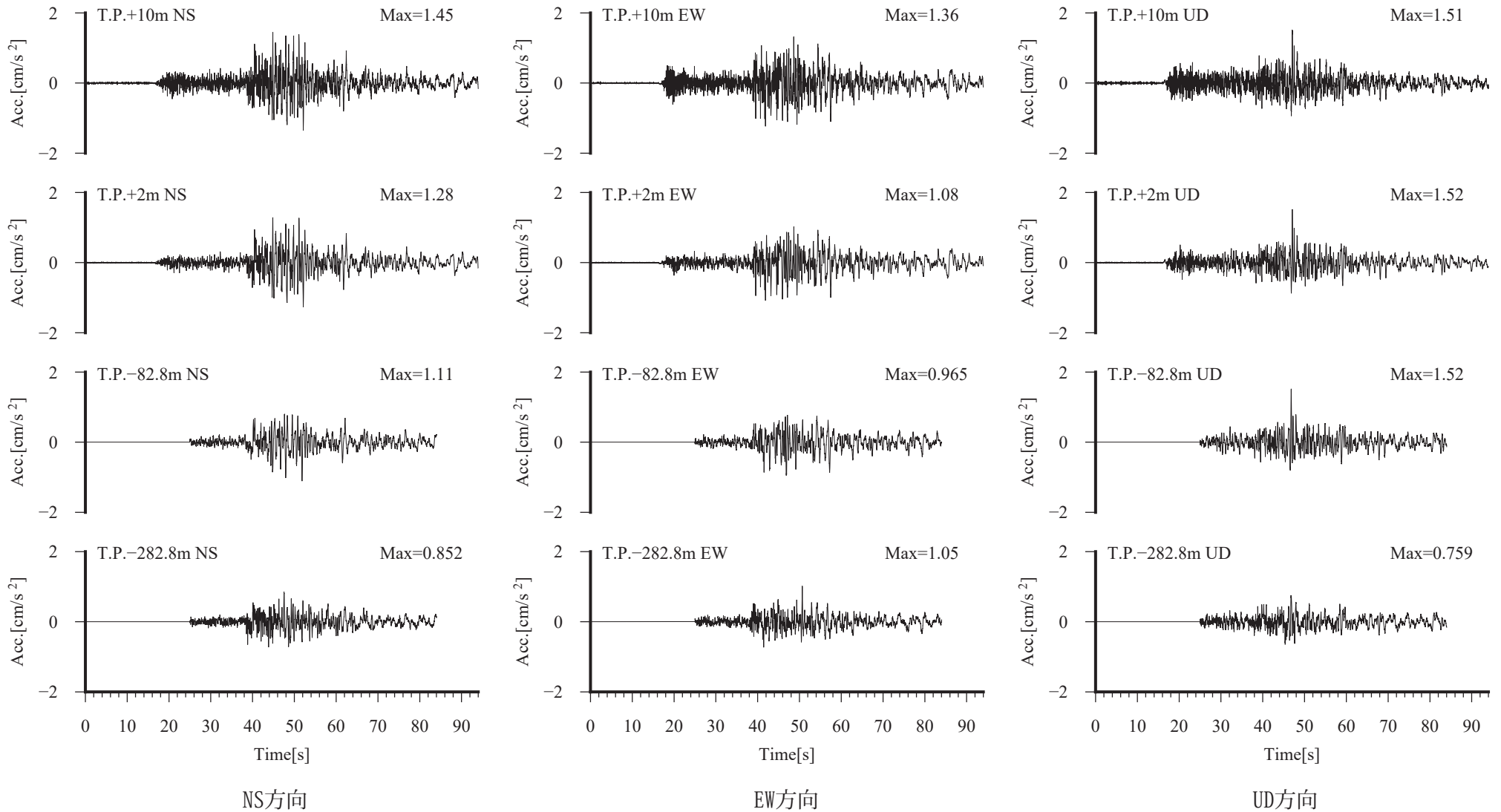
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2009/2/15 (18:24) M5.9, 深さ=36km, 震央距離=136km, 震源距離=141km



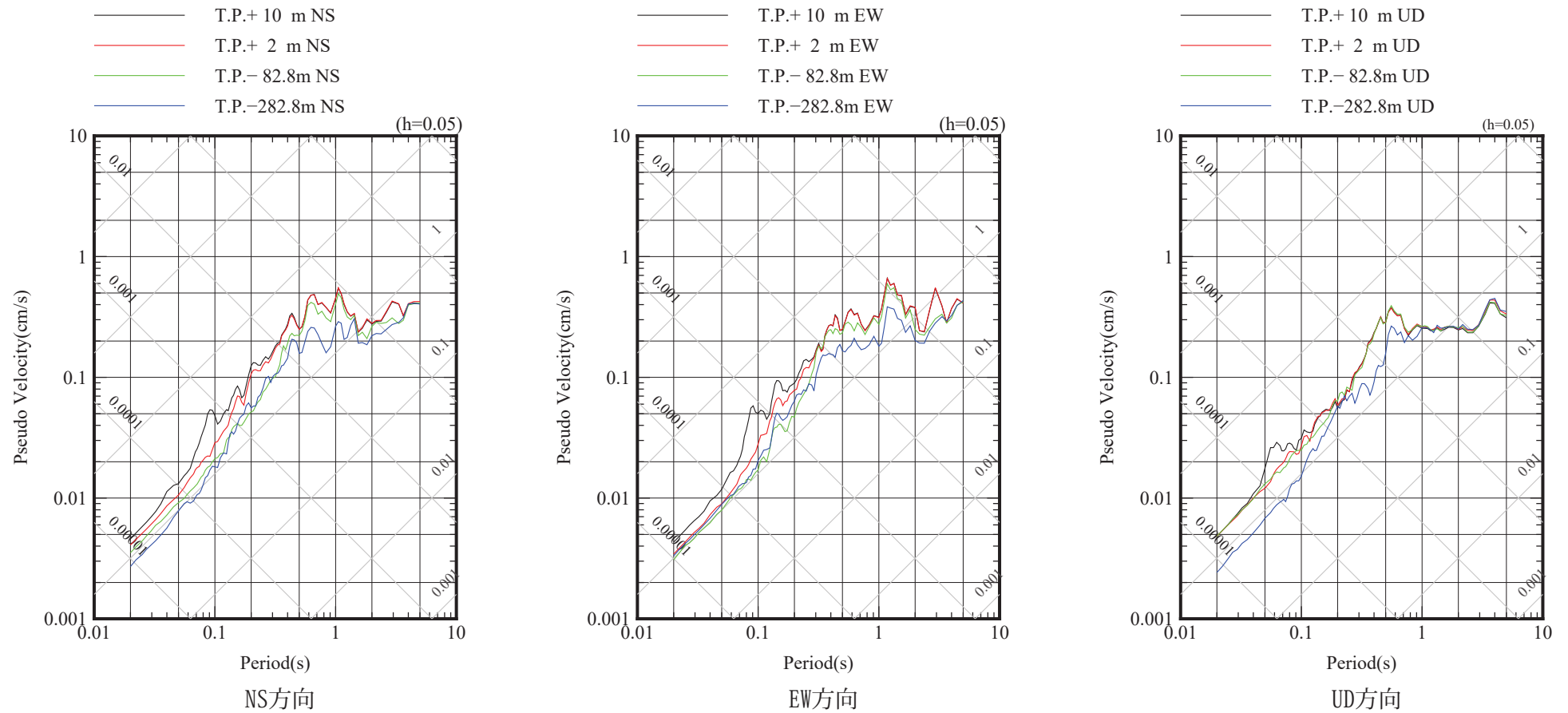
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2009/2/15 (18:24) M5.9, 深さ=36km, 震央距離=136km, 震源距離=141km



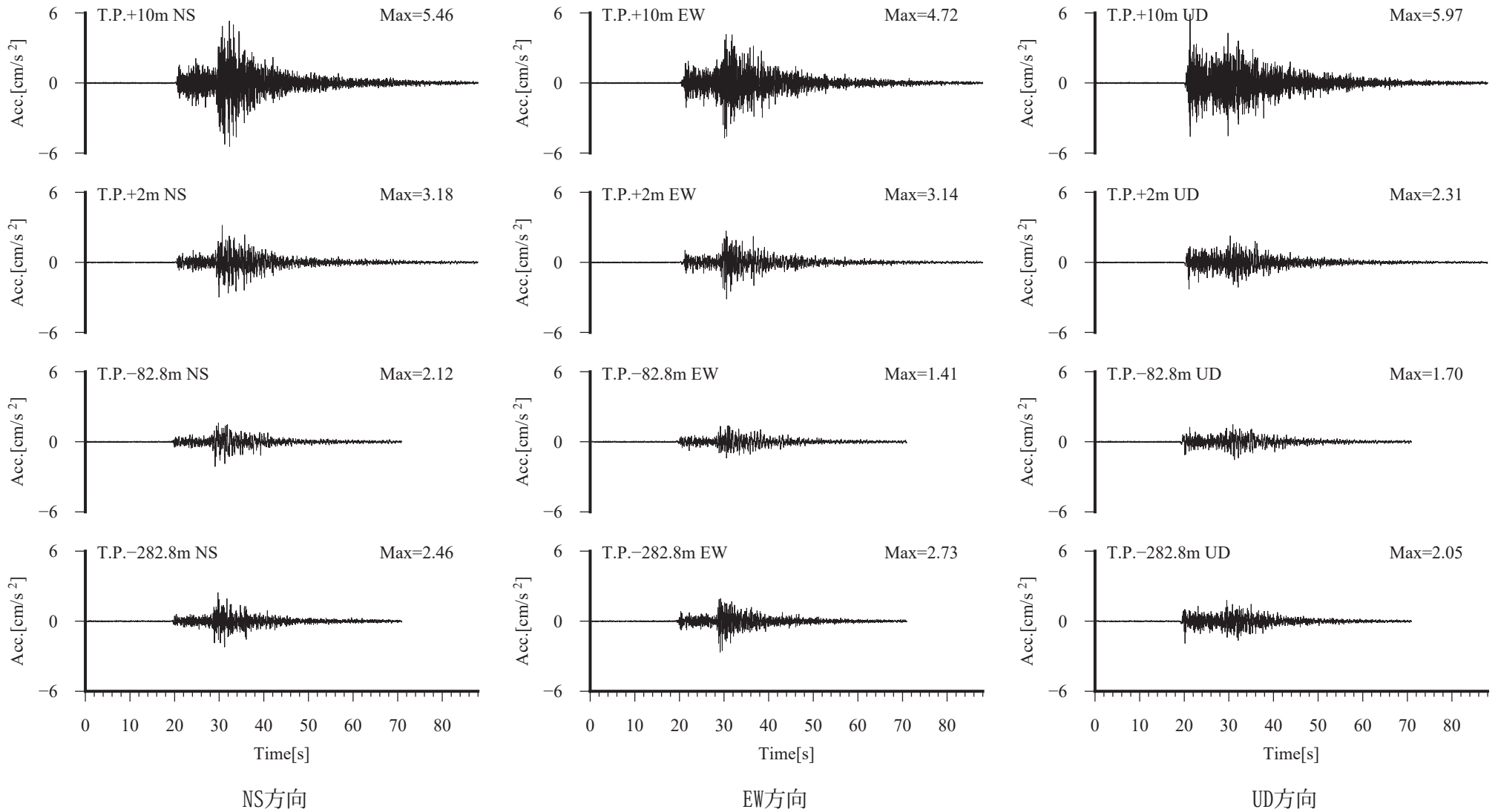
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2009/6/5 (12:30) M6.4, 深さ=31.3km, 震央距離=199km, 震源距離=201km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

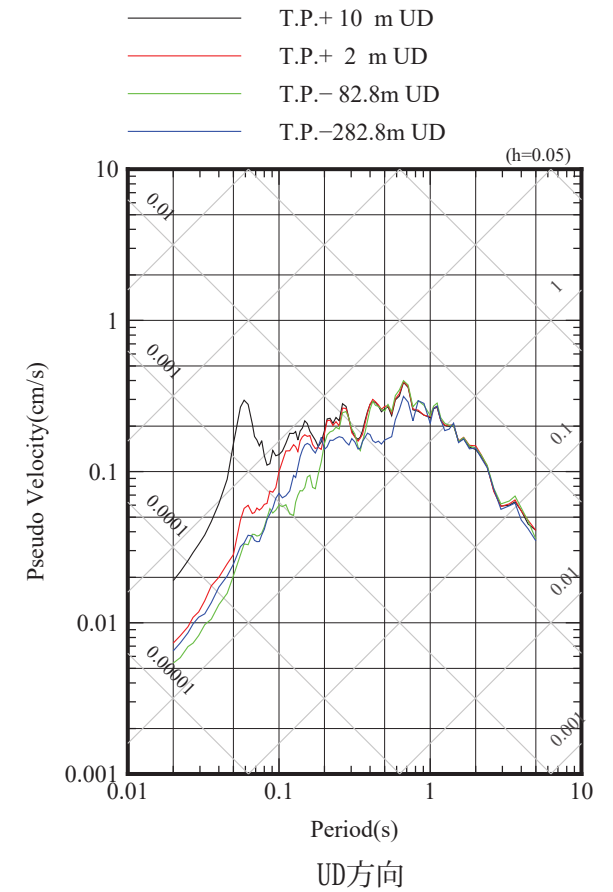
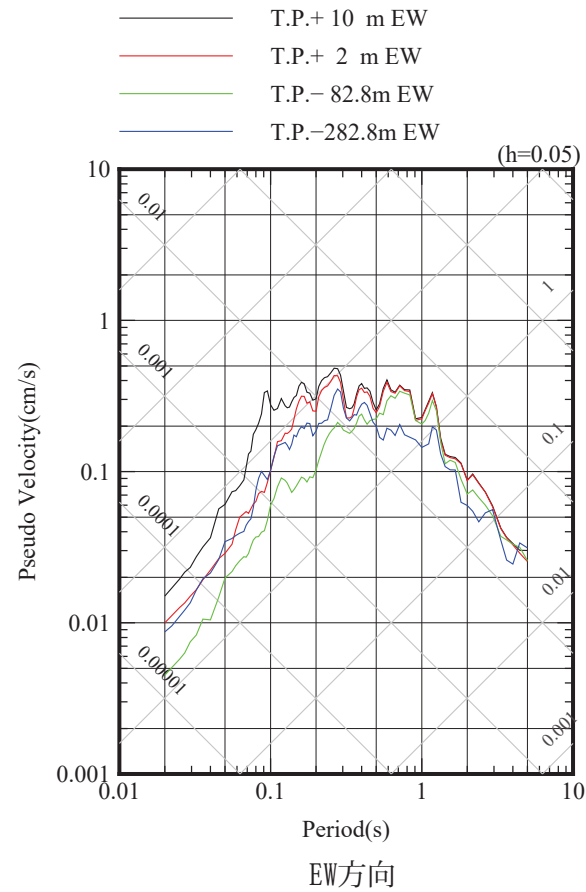
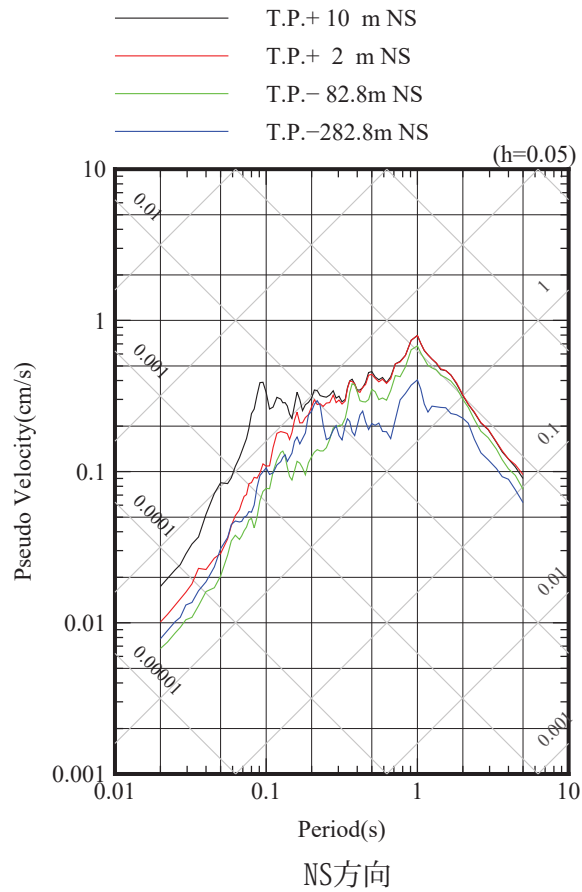
2009/6/5 (12:30) M6.4, 深さ=31.3km, 震央距離=199km, 震源距離=201km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

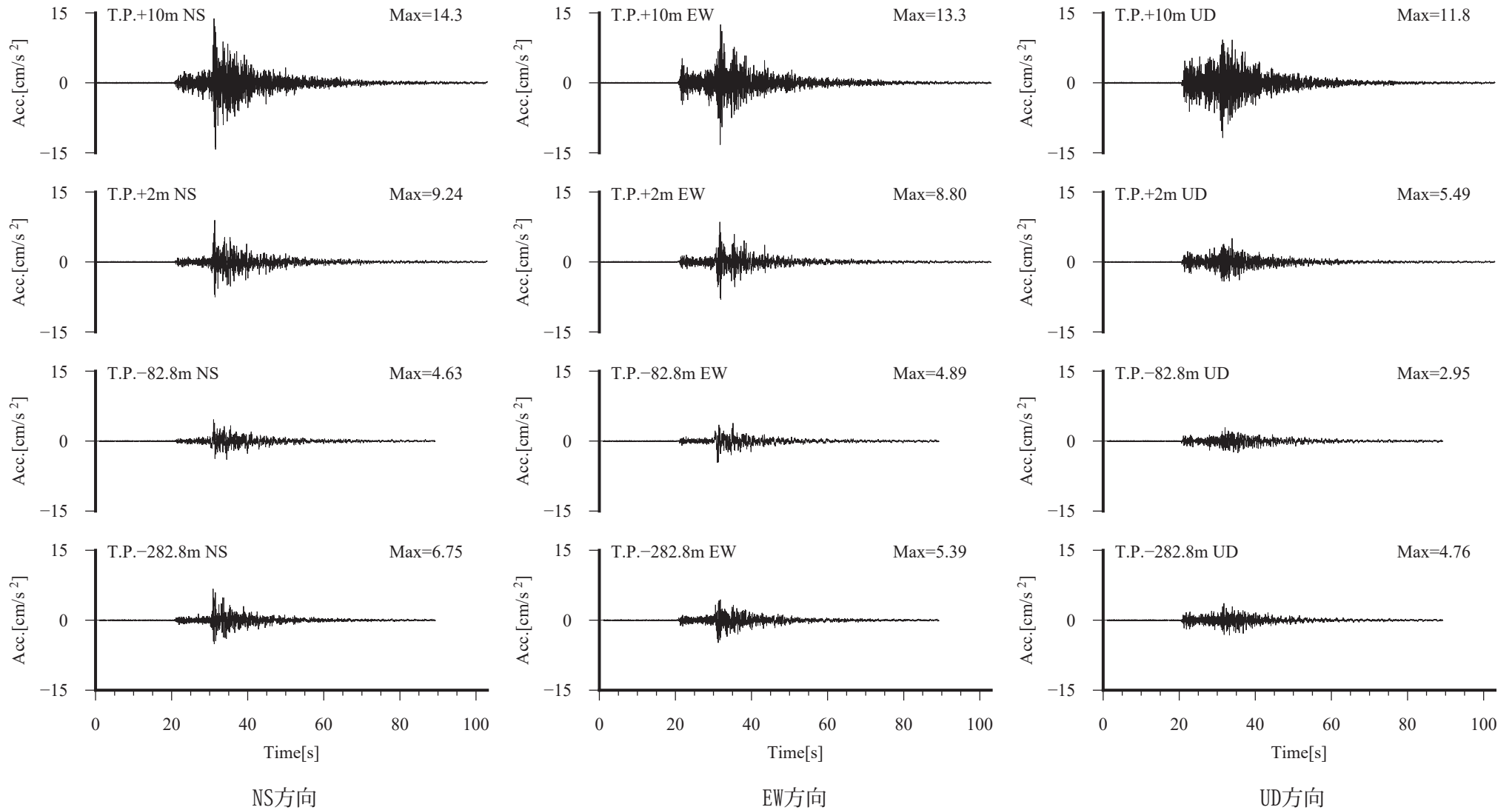
2010/6/28 (6:3) M5.1, 深さ=57.11km, 震央距離=61km, 震源距離=84km





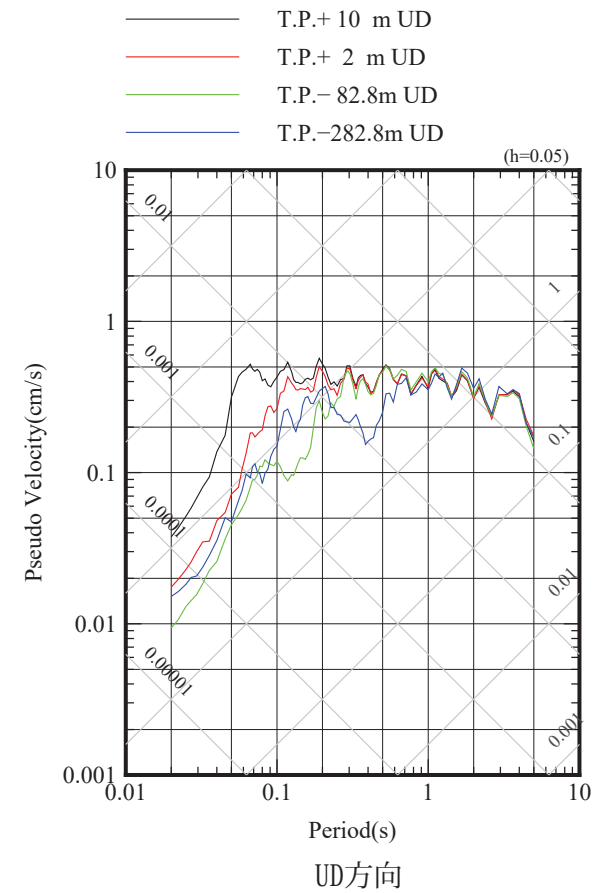
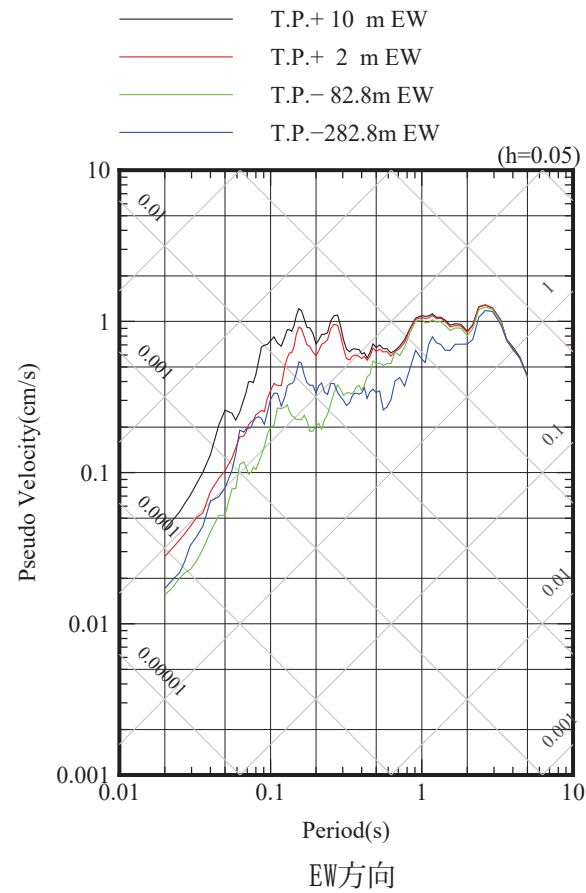
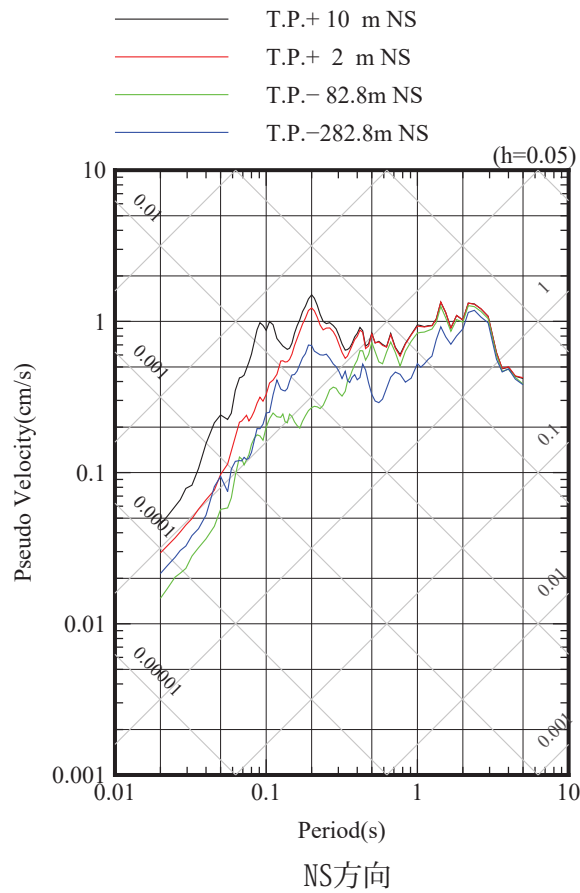
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2010/6/28 (6:3) M5.1, 深さ=57.11km, 震央距離=61km, 震源距離=84km



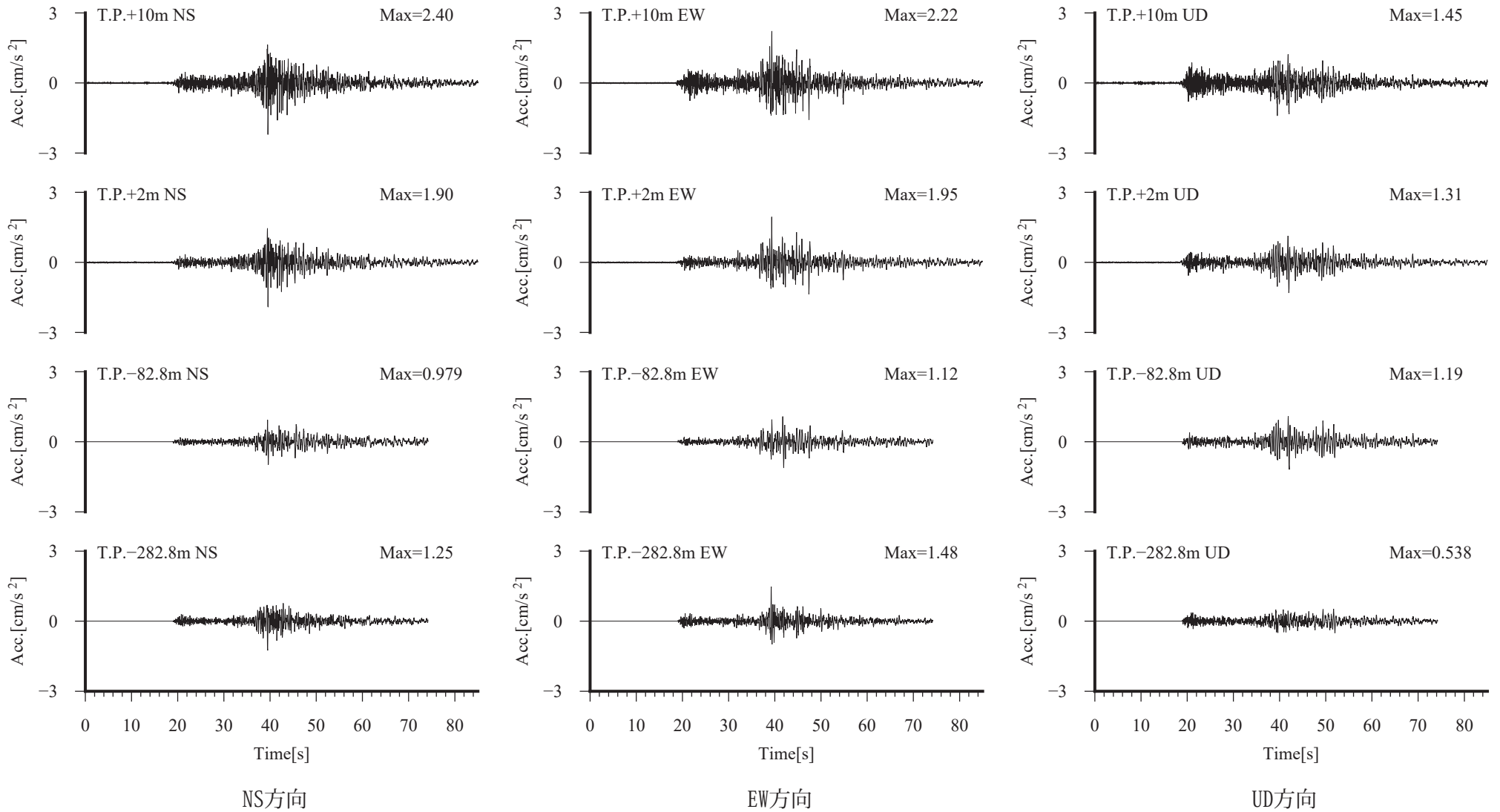
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2010/9/13 (14:47) M5.8, 深さ=63.17km, 震央距離=68km, 震源距離=93km



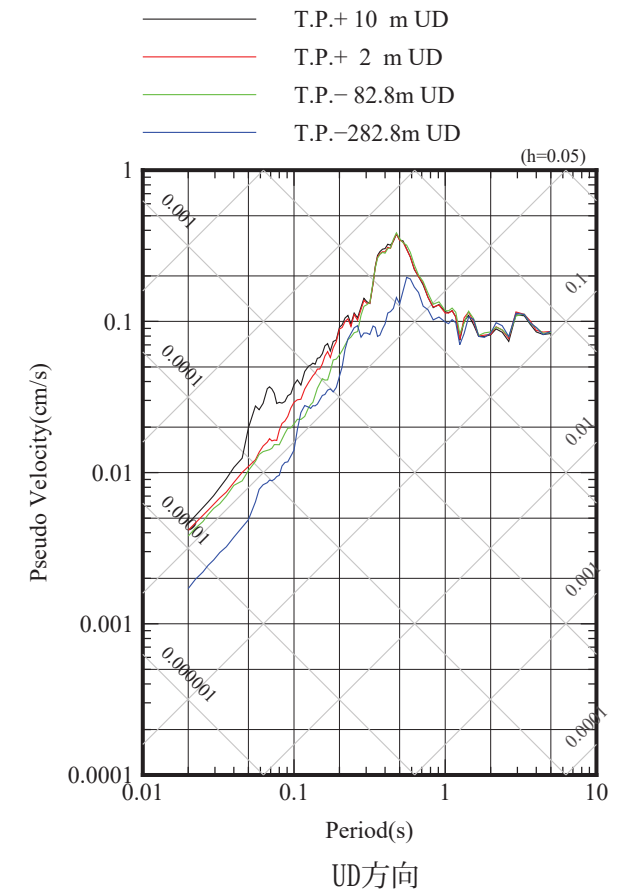
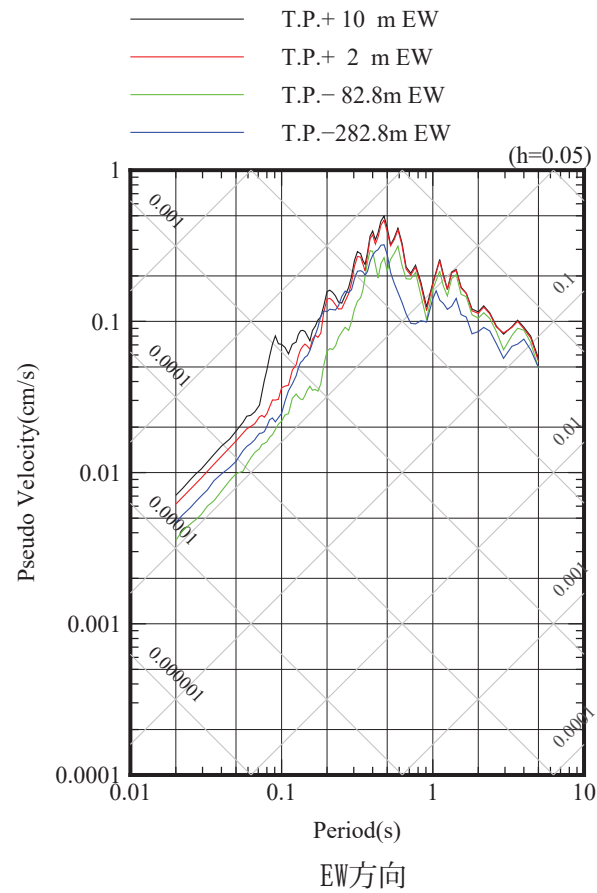
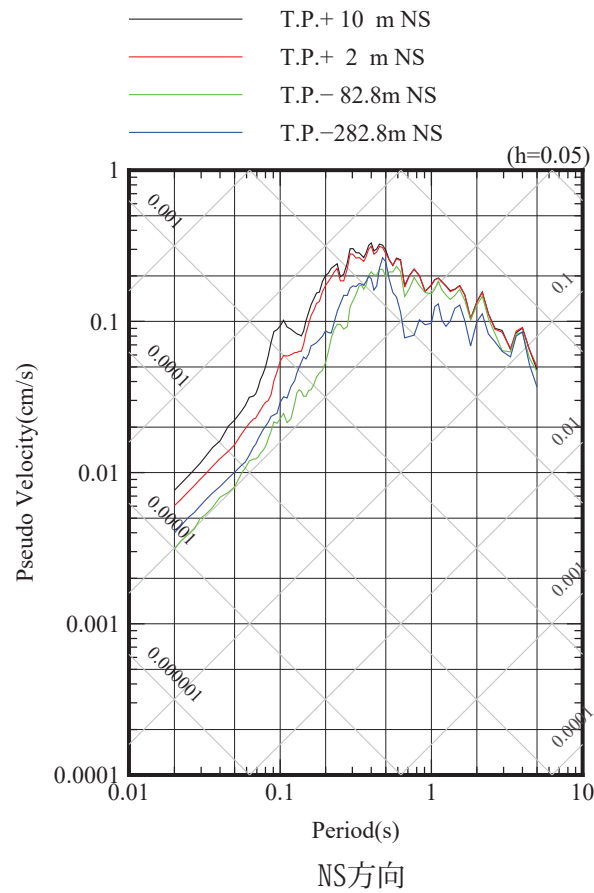
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2010/9/13 (14:47) M5.8, 深さ=63.17km, 震央距離=68km, 震源距離=93km



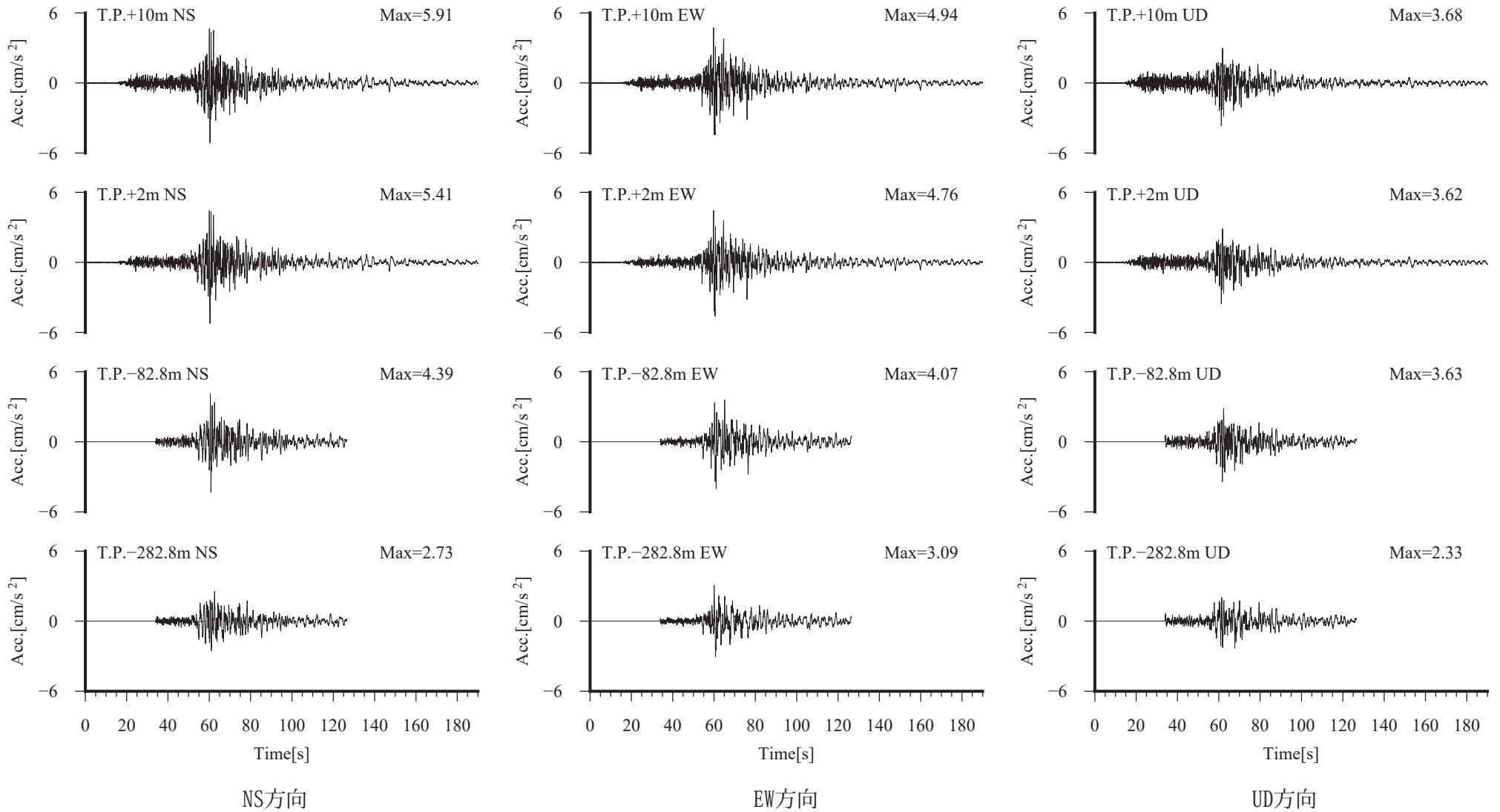
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2010/12/6 (16:30) M5.8, 深さ=6.84km, 震央距離=160km, 震源距離=160km



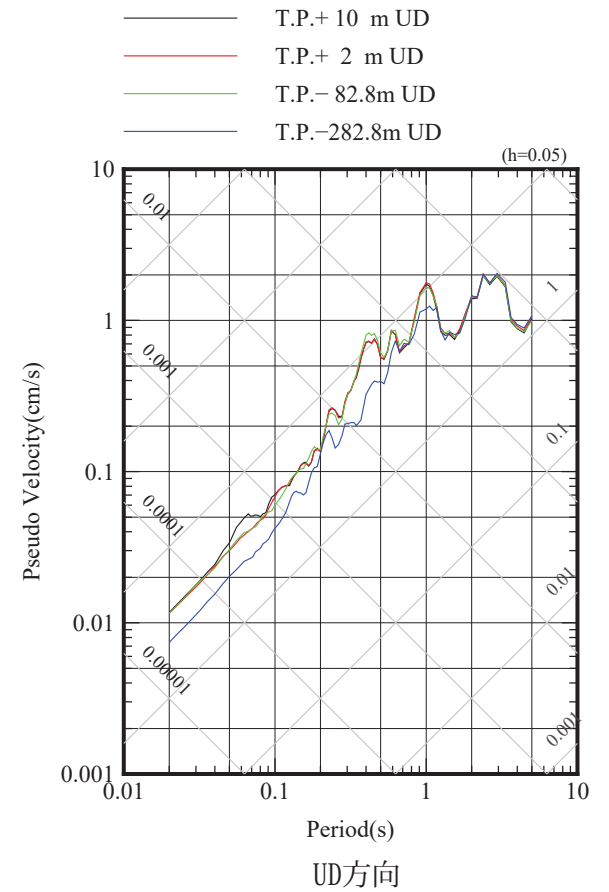
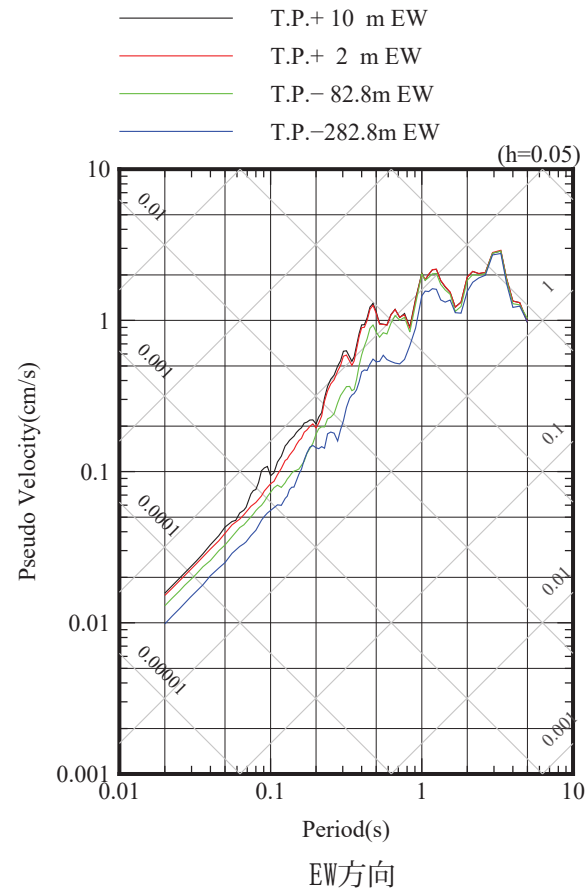
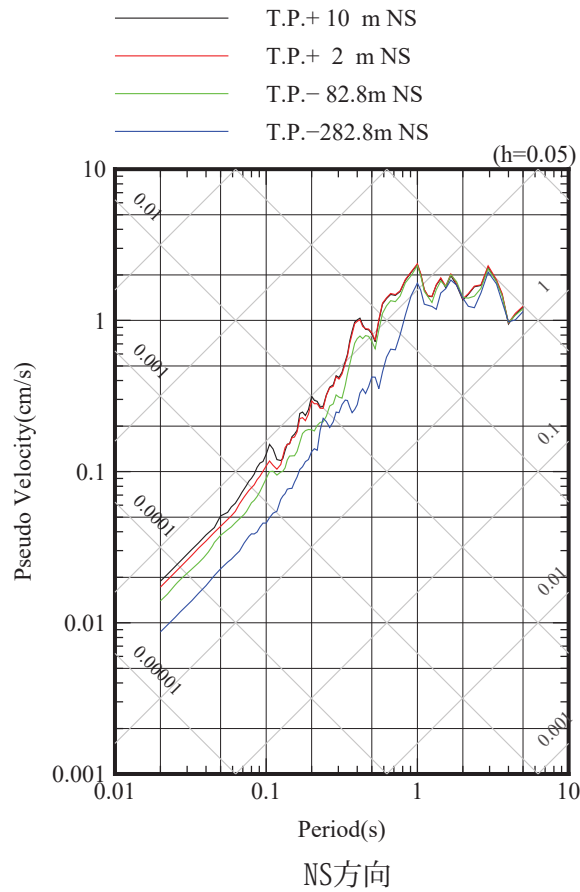
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2010/12/6 (16:30) M5.8, 深さ=6.84km, 震央距離=160km, 震源距離=160km



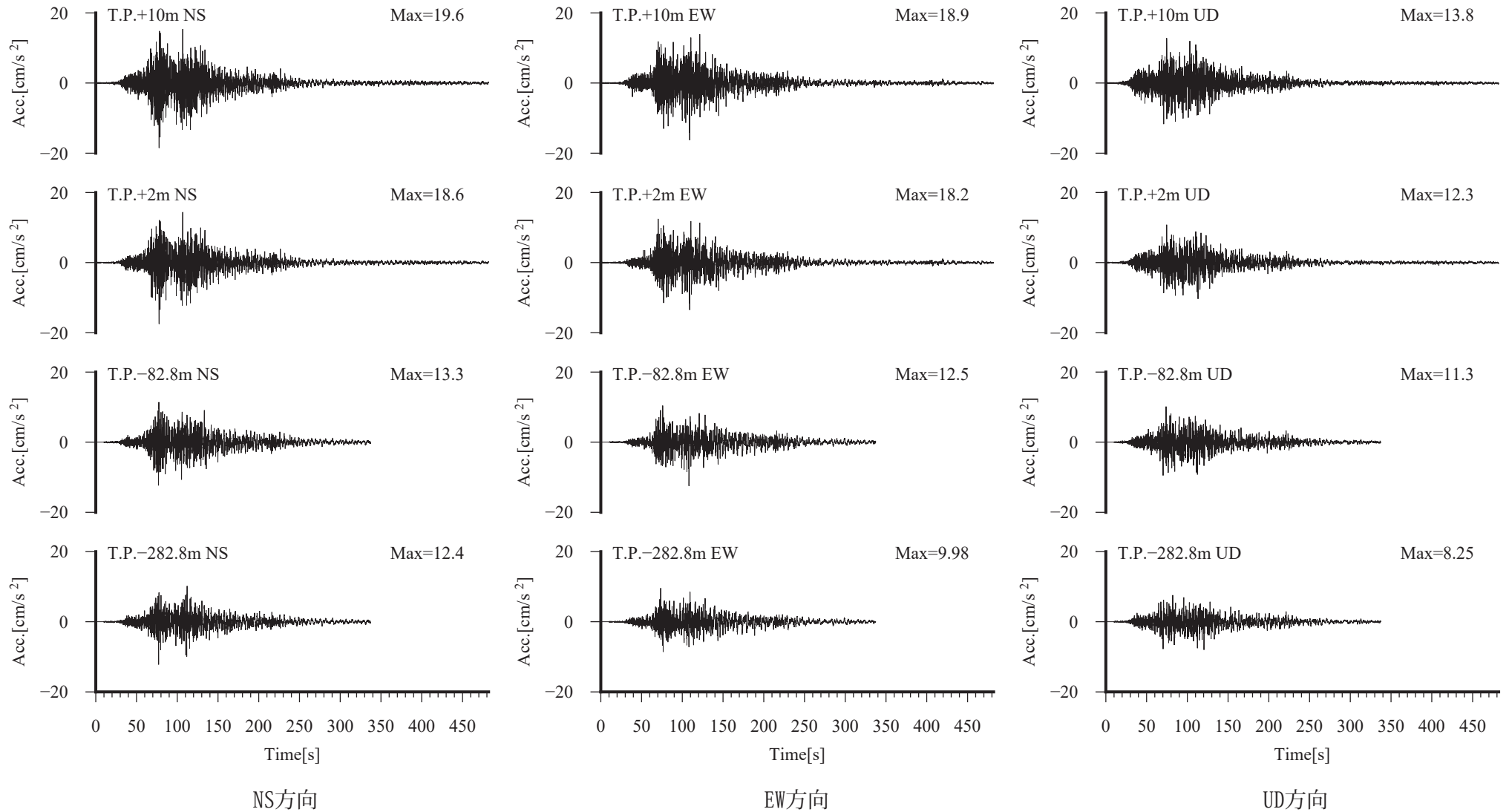
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/3/9 (11:45) M7.3, 深さ=8.28km, 震央距離=356km, 震源距離=357km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

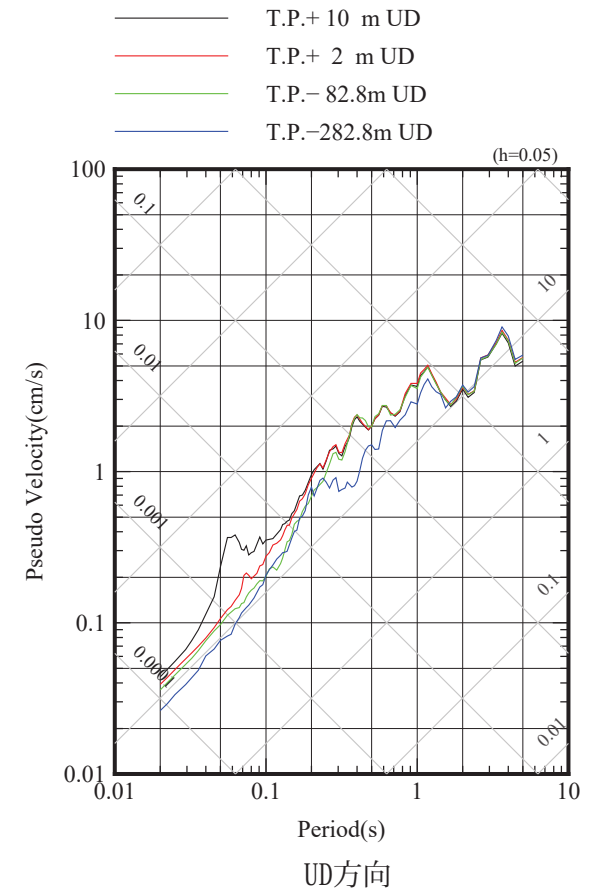
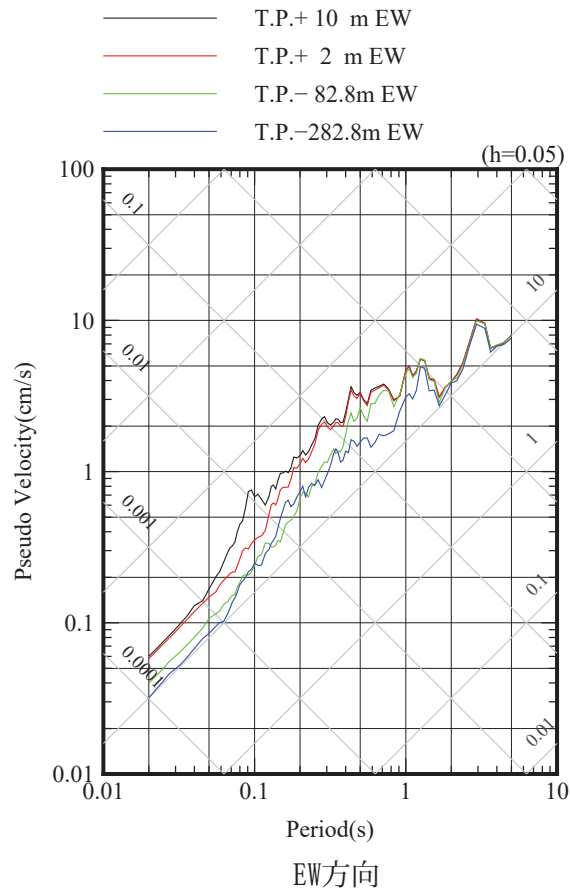
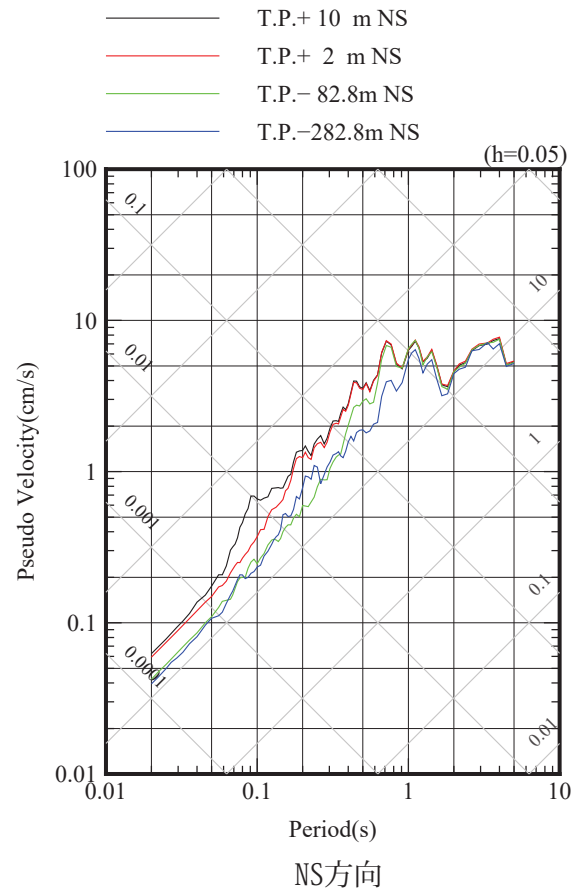
2011/3/9 (11:45) M7.3, 深さ=8.28km, 震央距離=356km, 震源距離=357km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

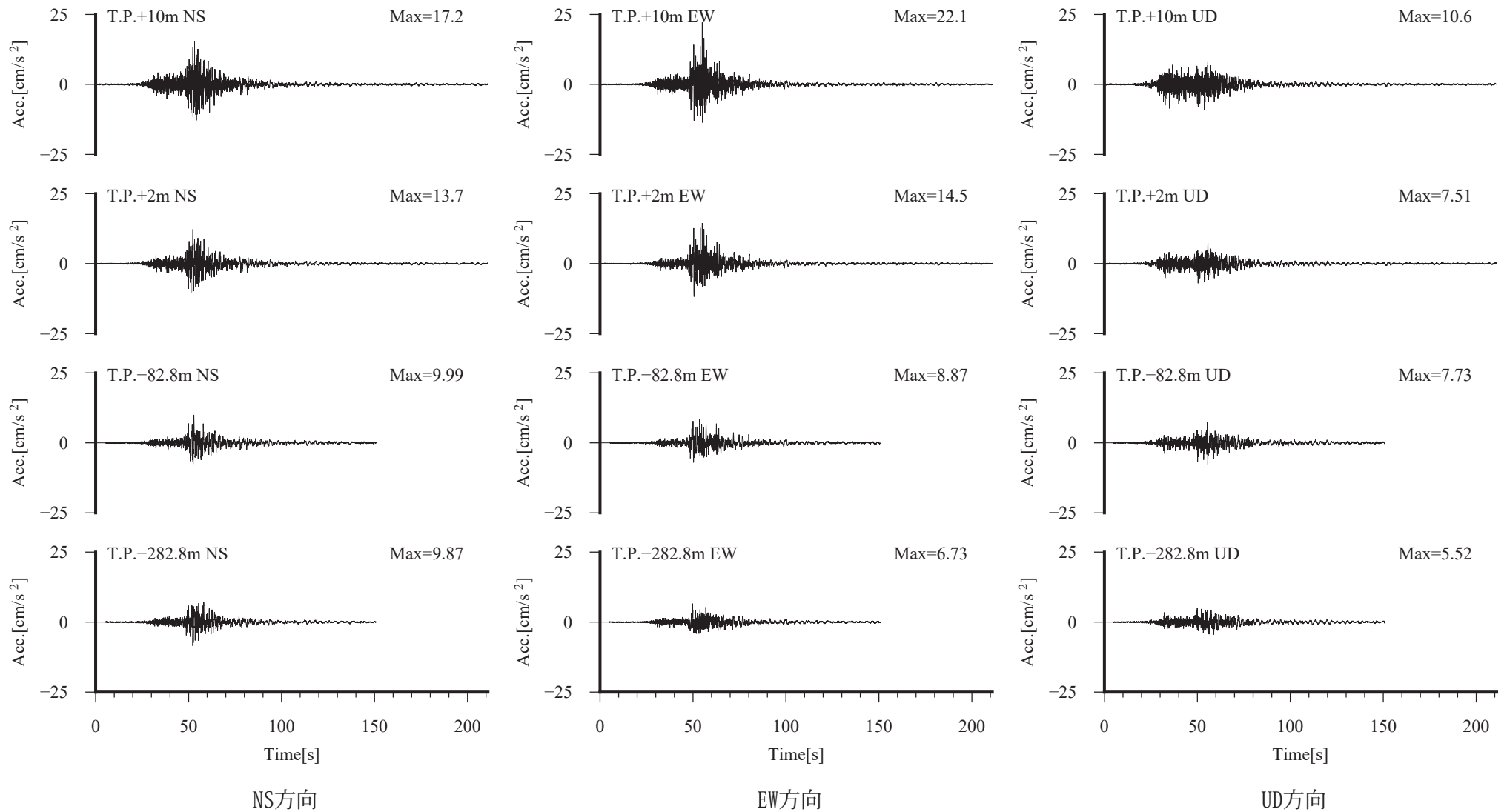
2011/3/11 (14:46) M9, 深さ=23.74km, 震央距離=365km, 震源距離=366km





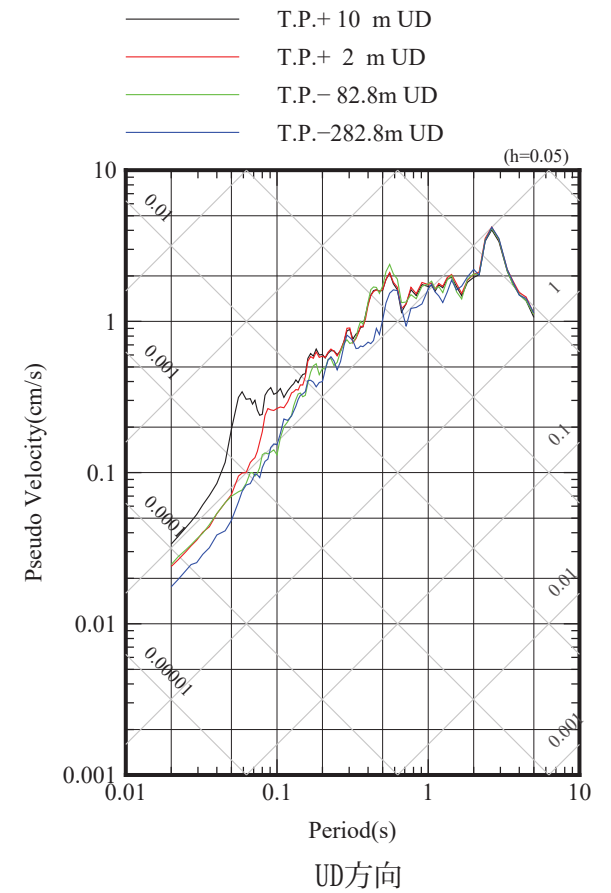
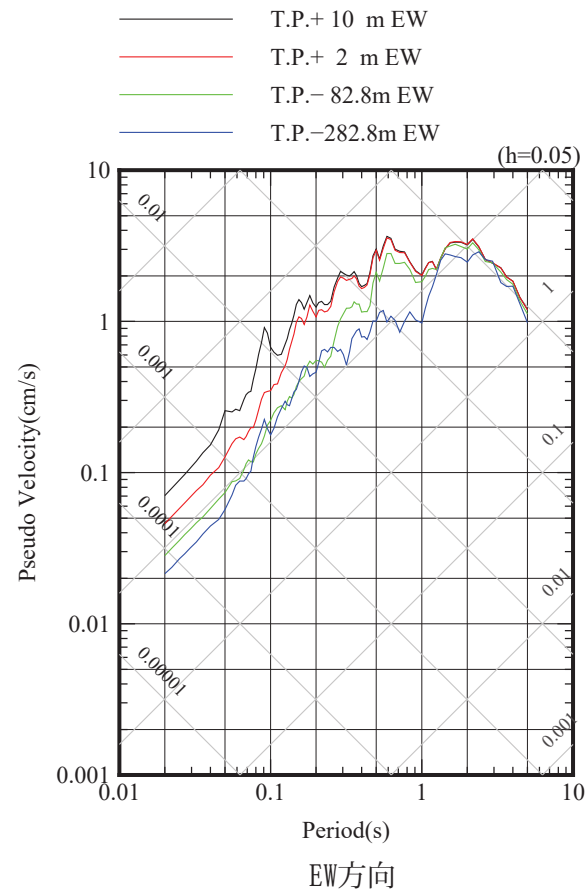
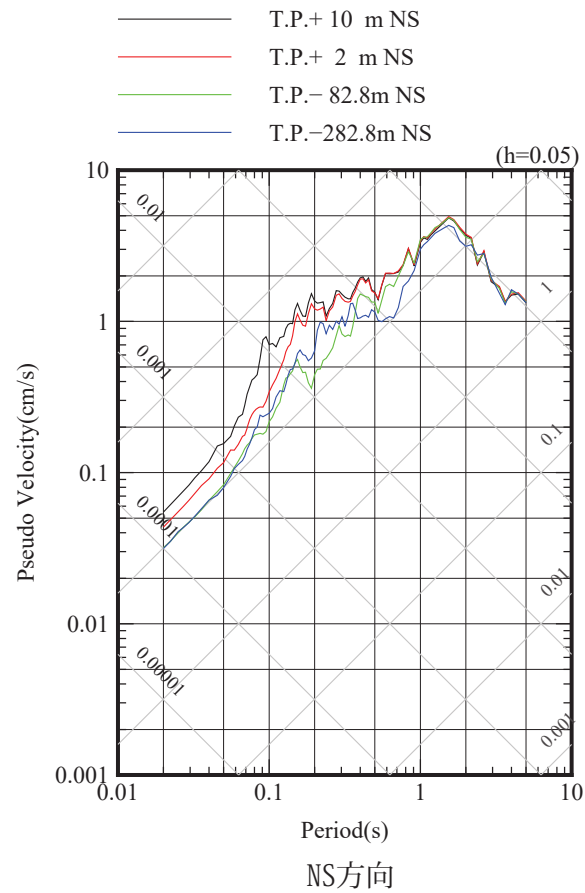
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/3/11 (14:46) M9, 深さ=23.74km, 震央距離=365km, 震源距離=366km



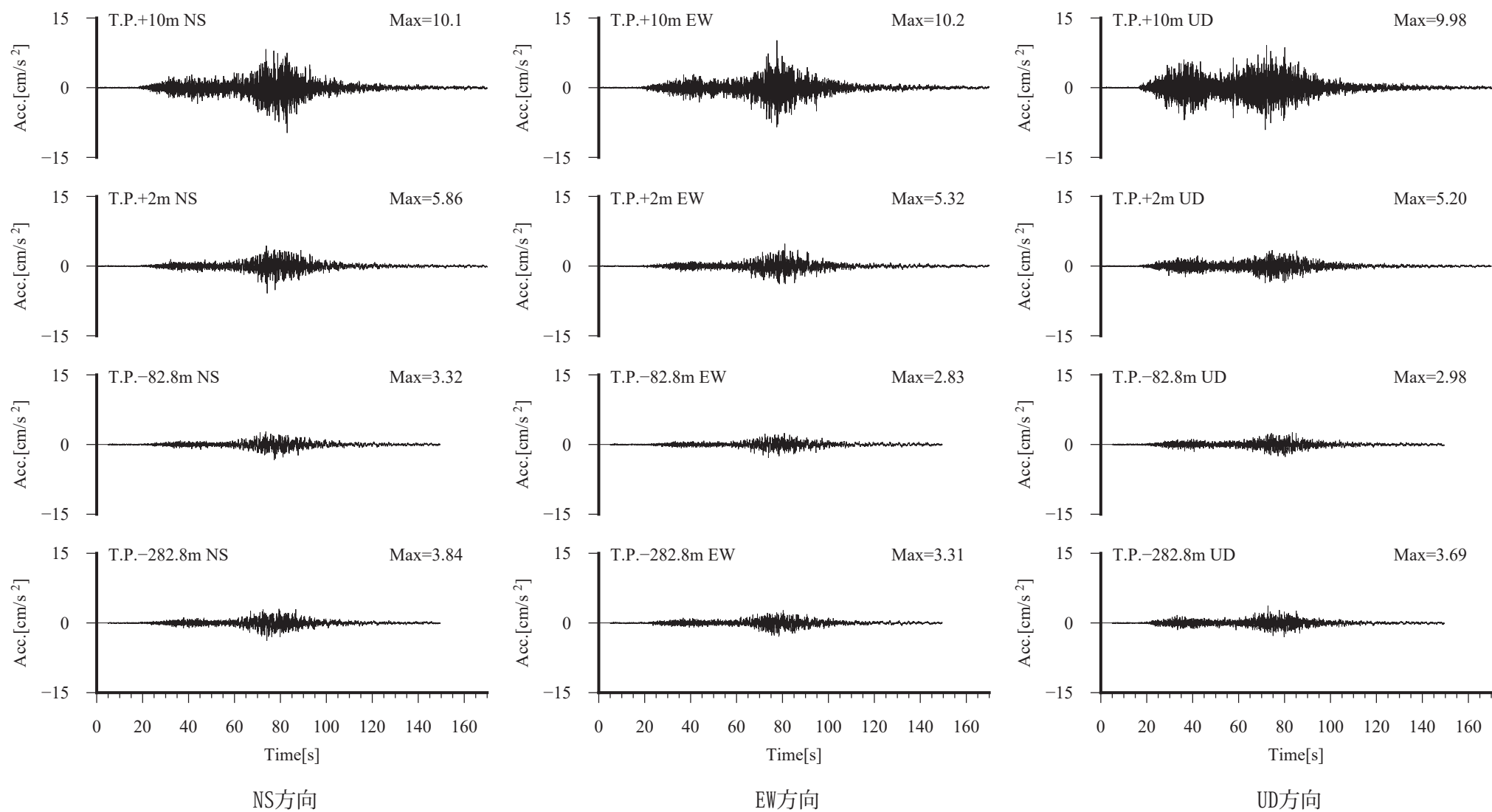
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/3/11 (15:8) M7.4, 深さ=32.02km, 震央距離=192km, 震源距離=194km



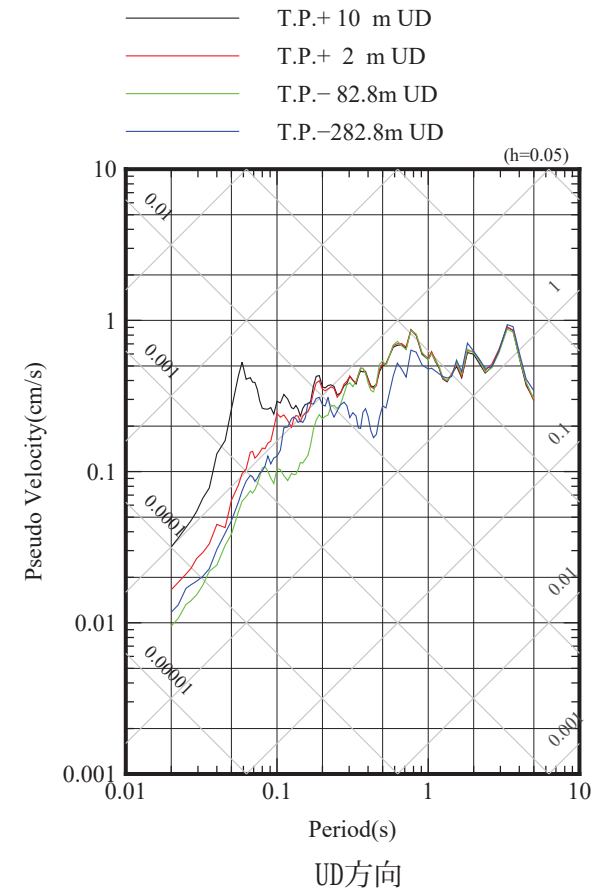
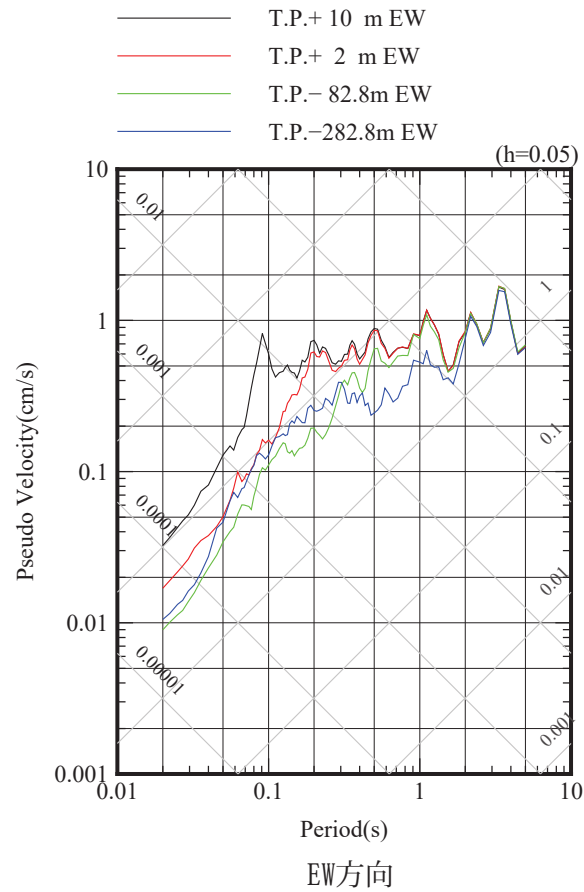
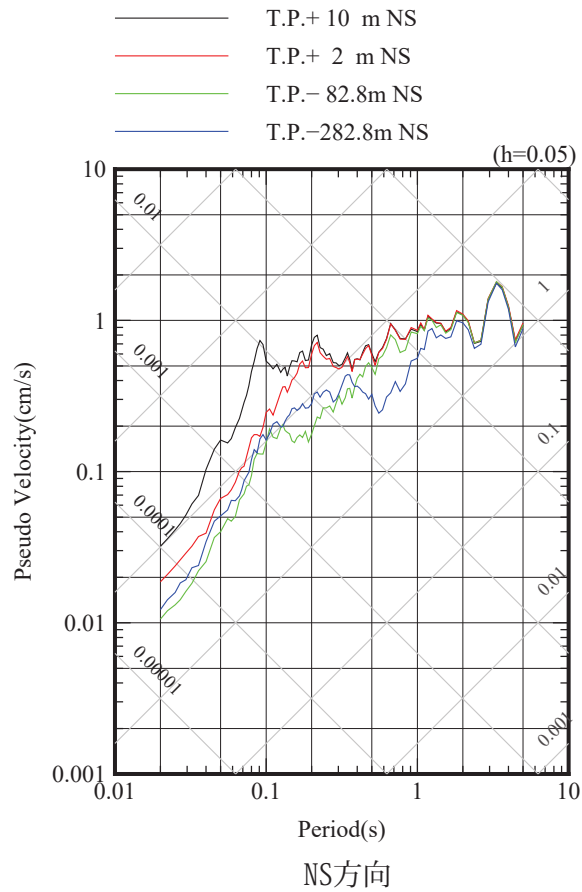
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/3/11 (15:8) M7.4, 深さ=32.02km, 震央距離=192km, 震源距離=194km



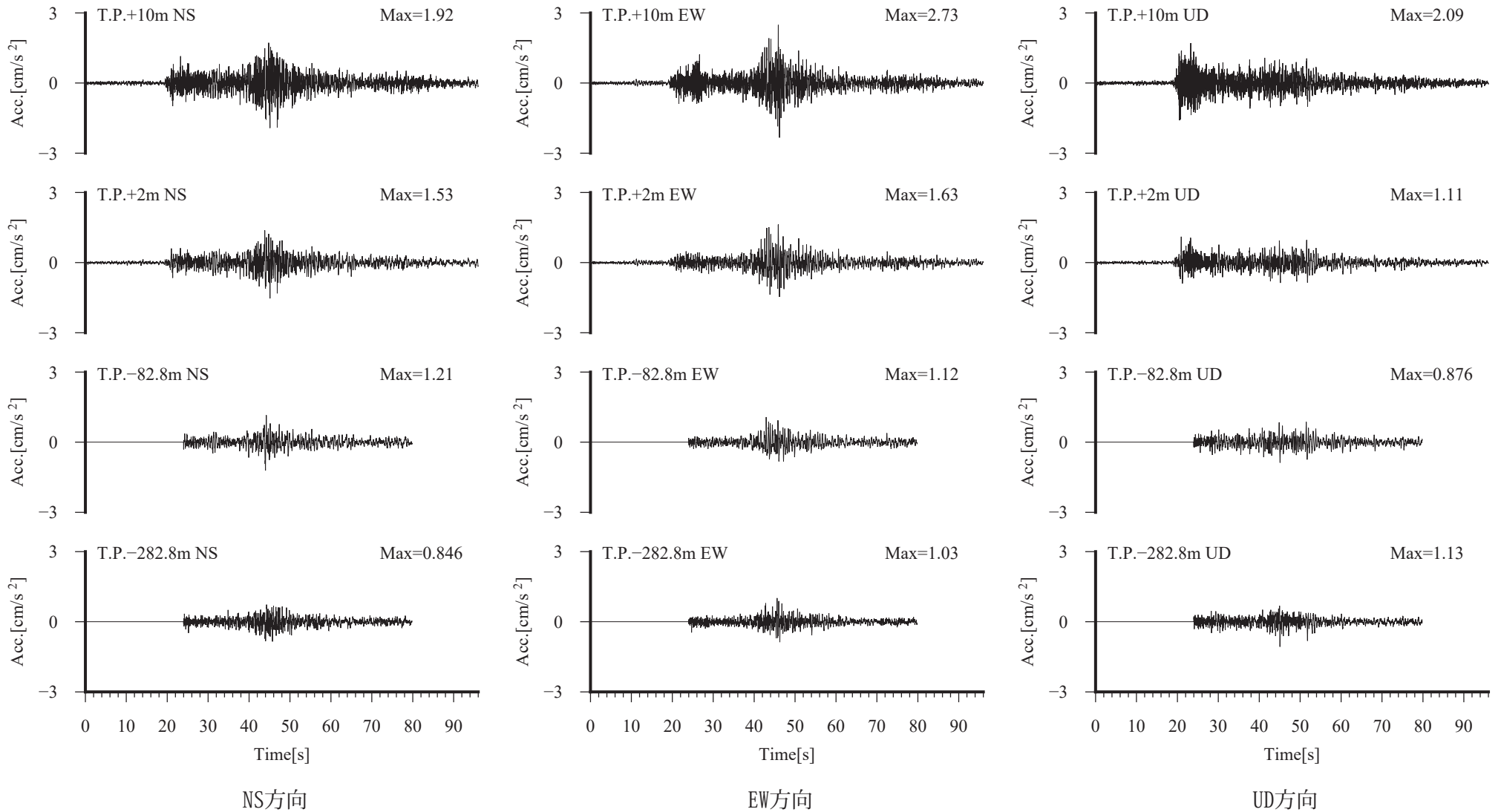
自由地盤 検討に用いた地震の加速度時刻歴波形

2011/3/11 (15:25) M7.5, 深さ= 11 km, 震央距離=464km, 震源距離=464km



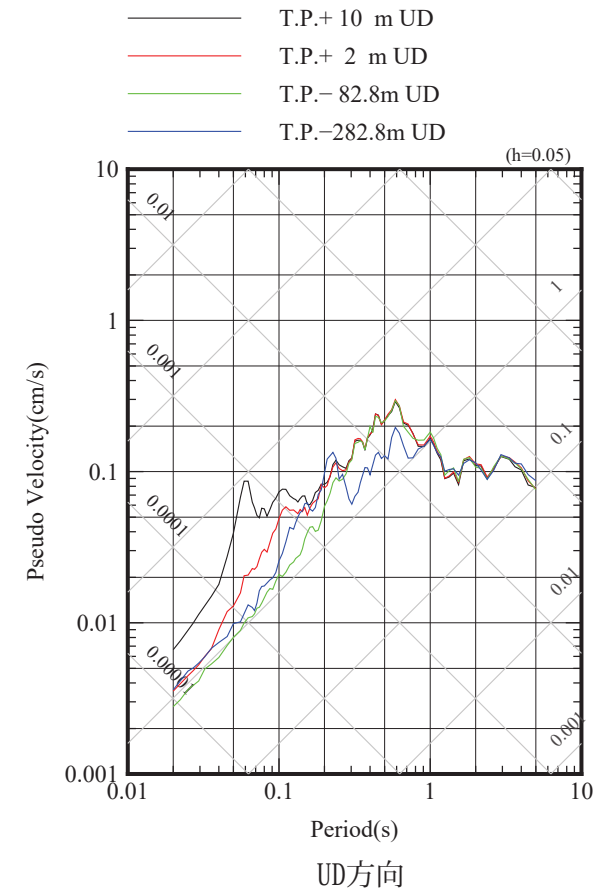
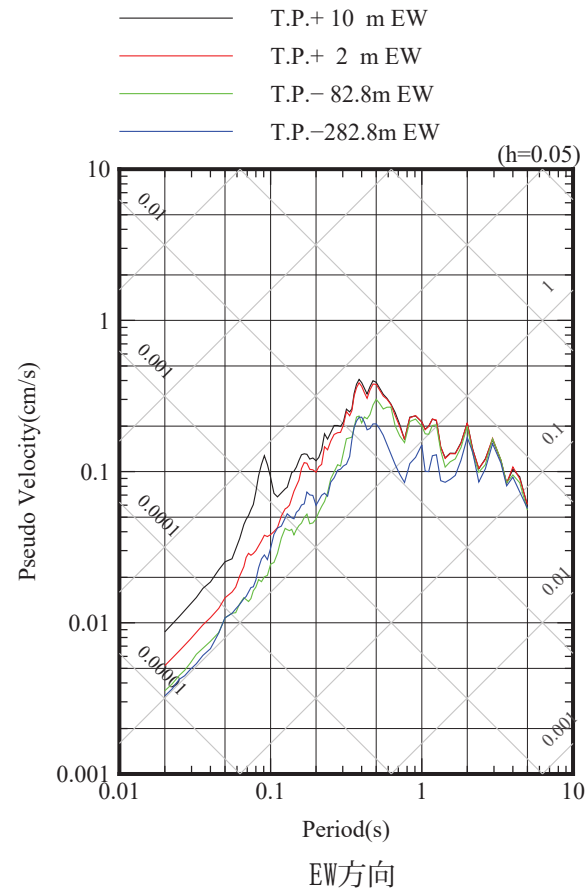
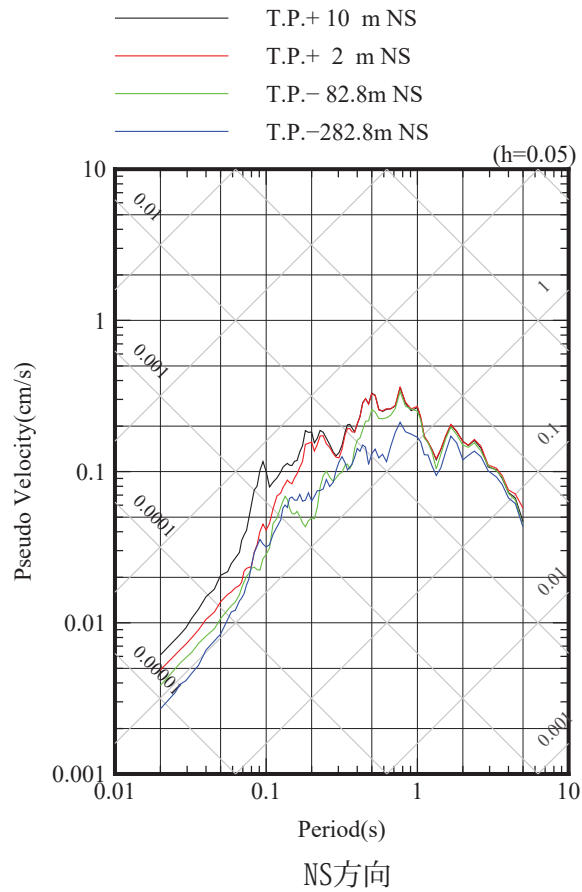
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/3/11 (15:25) M7.5, 深さ= 11 km, 震央距離=464km, 震源距離=464km



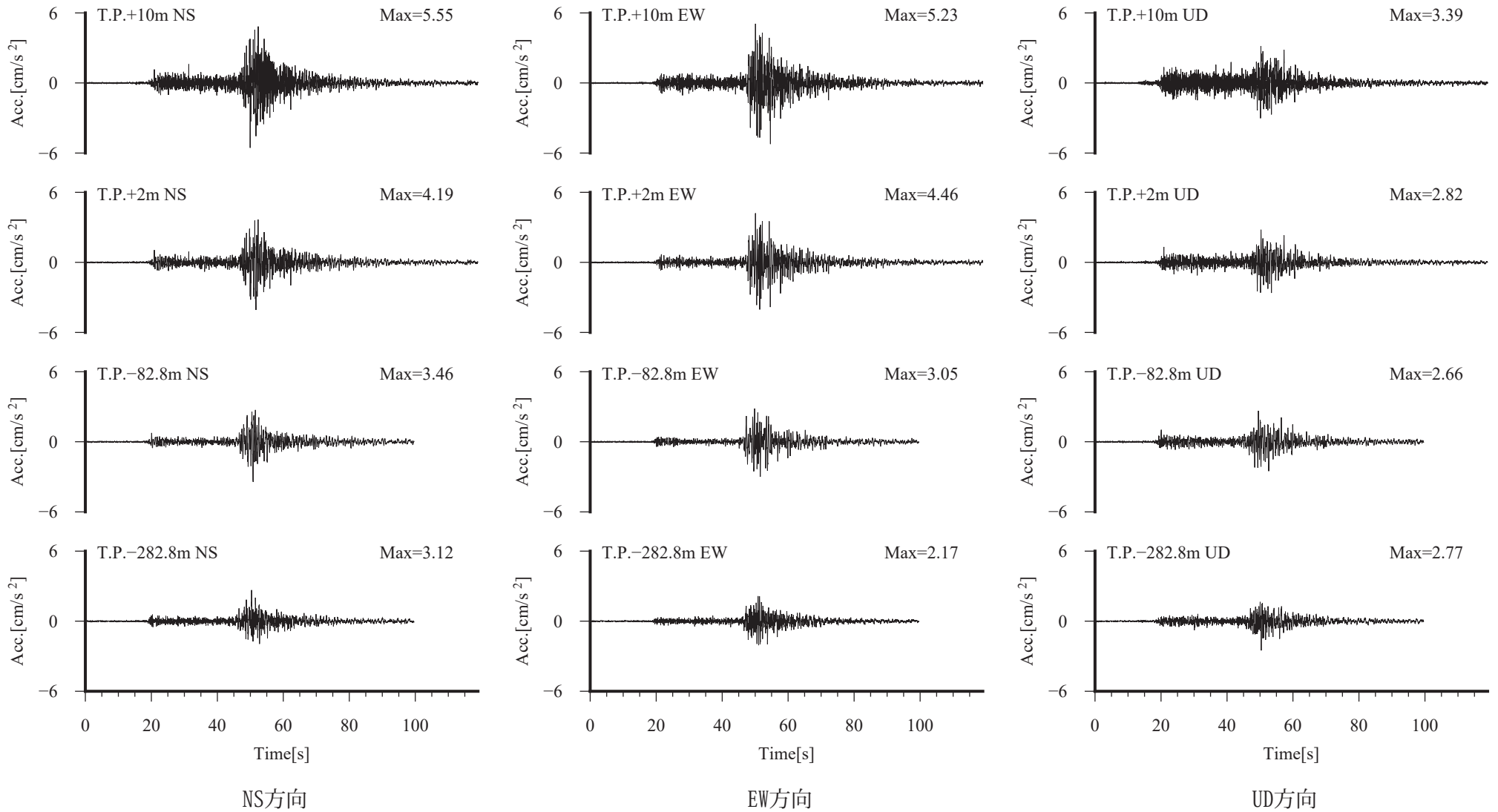
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/3/11 (15:49) M5.9, 深さ=6.87km, 震央距離=159km, 震源距離=159km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

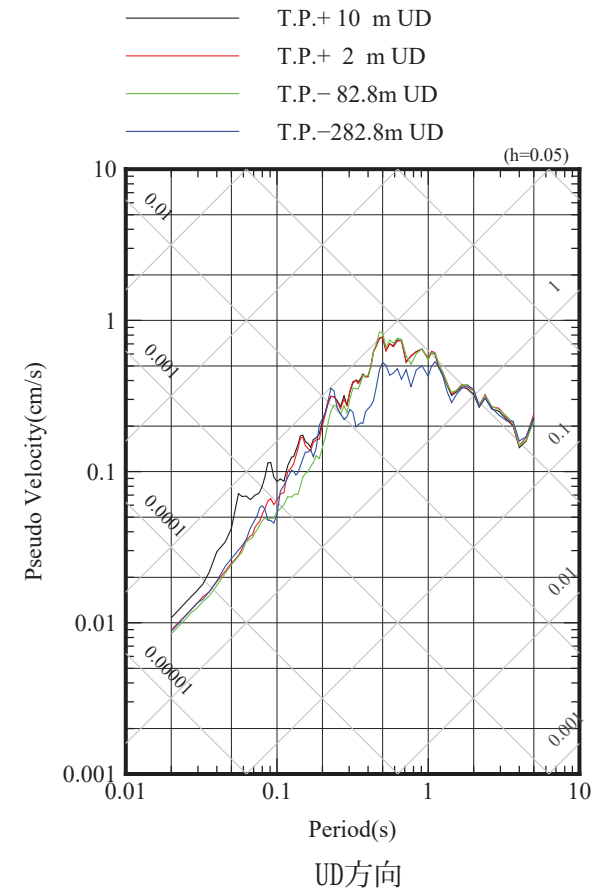
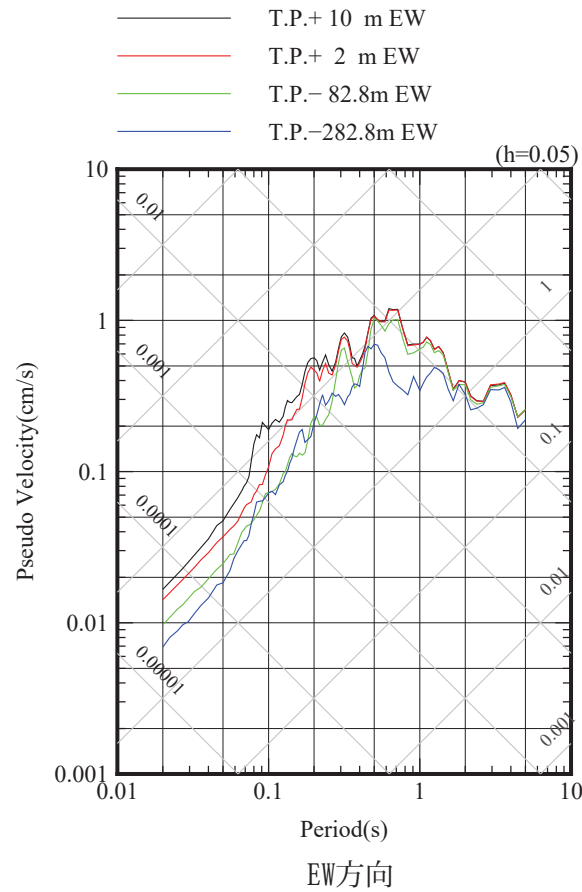
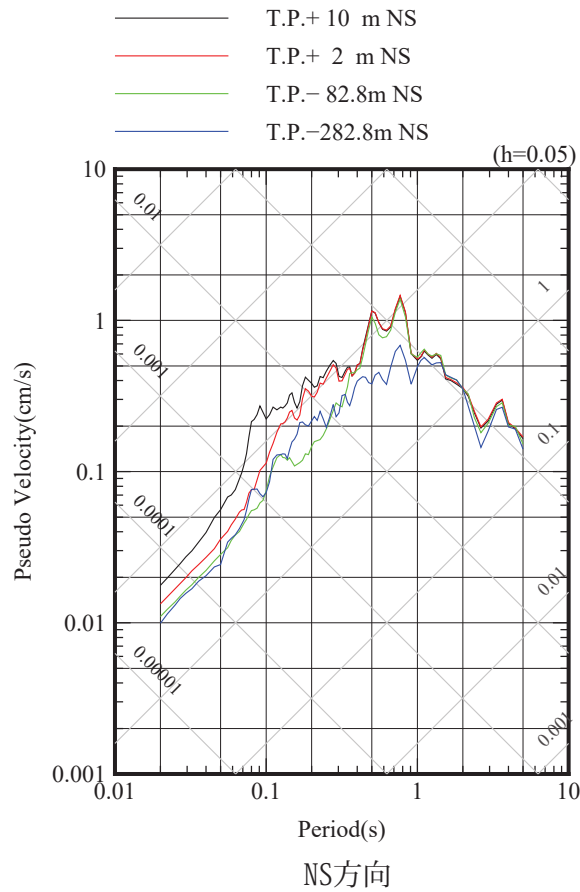
2011/3/11 (15:49) M5.9, 深さ=6.87km, 震央距離=159km, 震源距離=159km



自由地盤 検討に用いた地震の加速度時刻歴波形

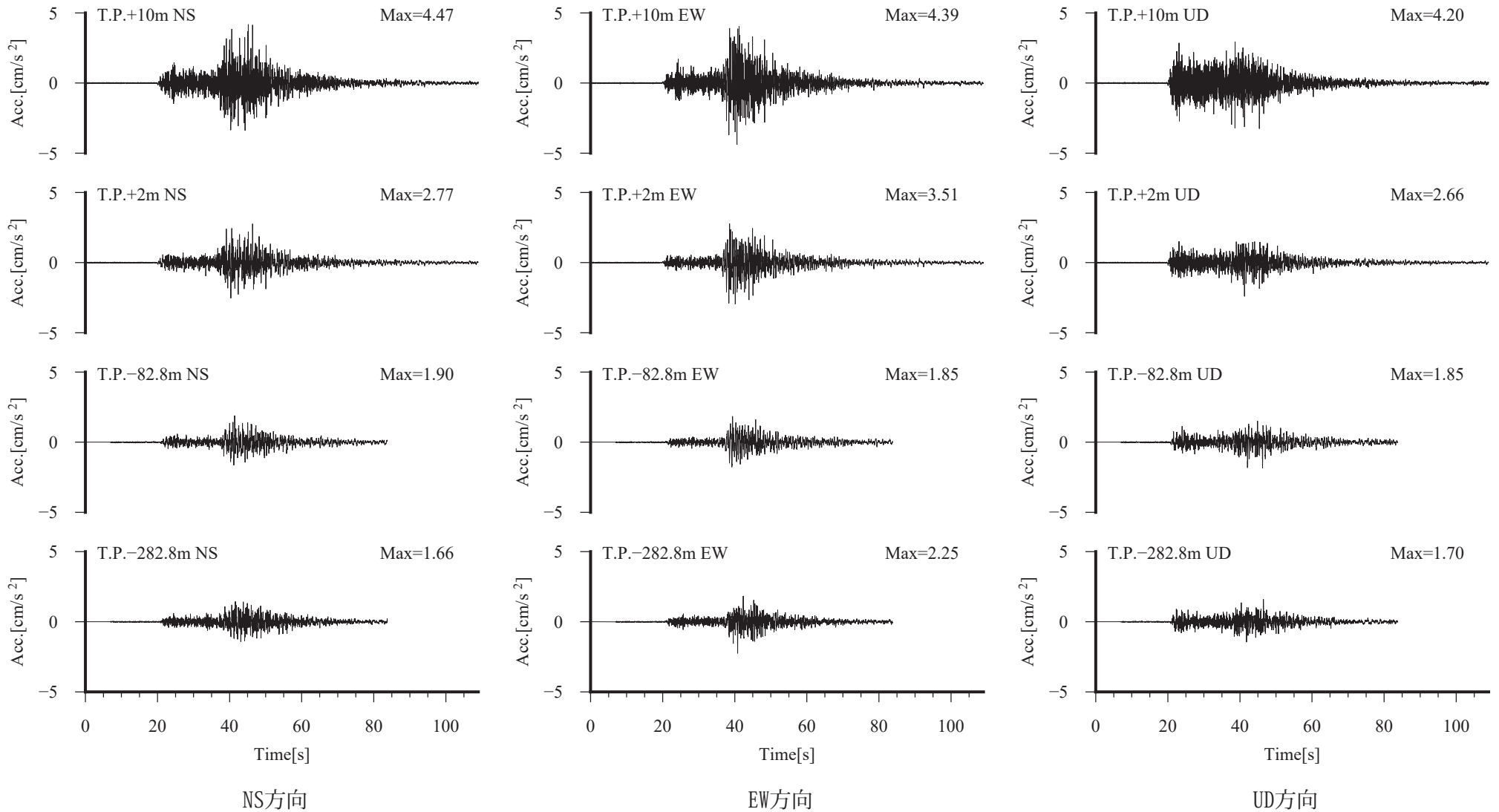
2011/3/11 (16:28) M6.6, 深さ=16.97km, 震央距離=253km, 震源距離=254km





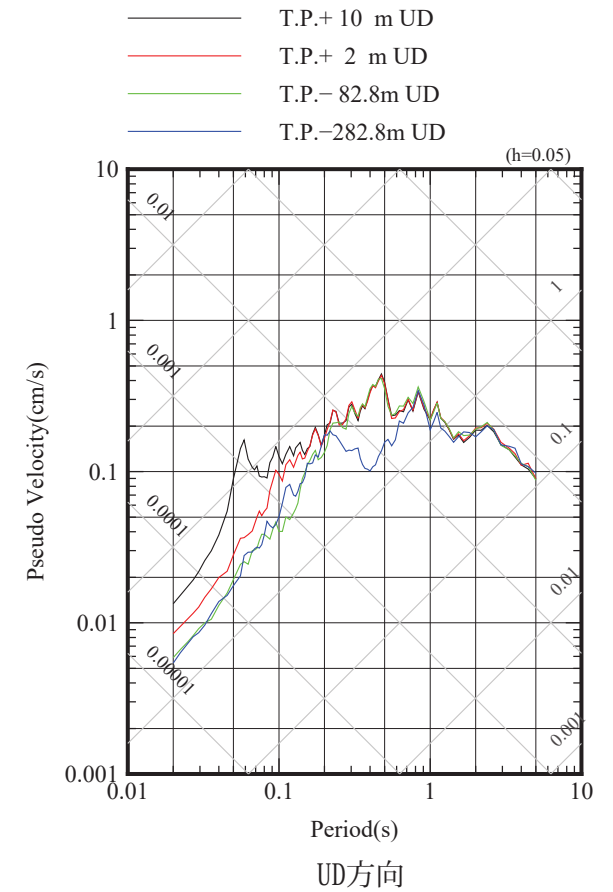
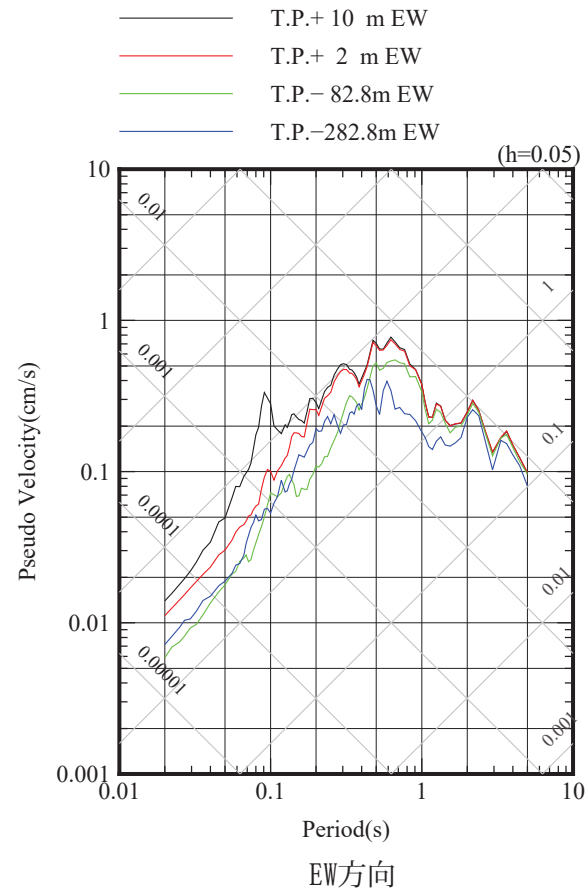
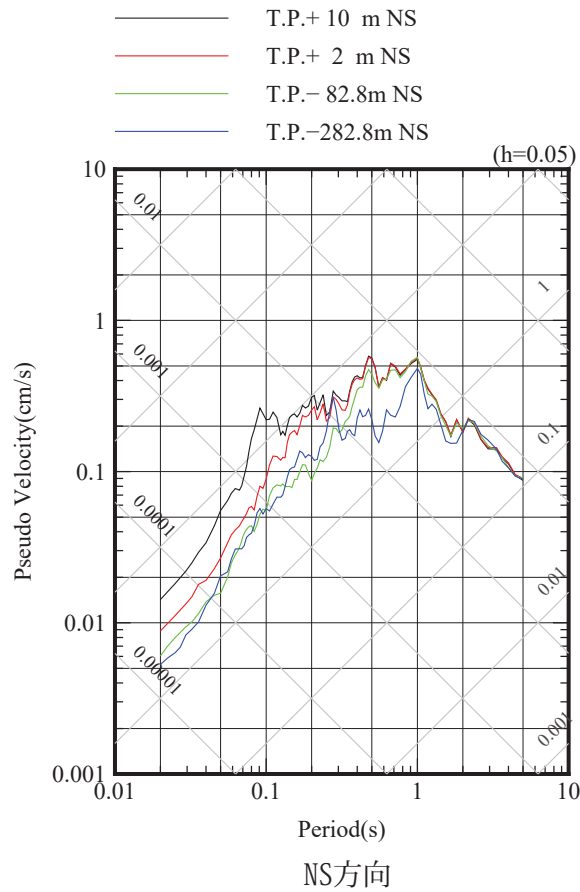
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/3/11 (16:28) M6.6, 深さ=16.97km, 震央距離=253km, 震源距離=254km



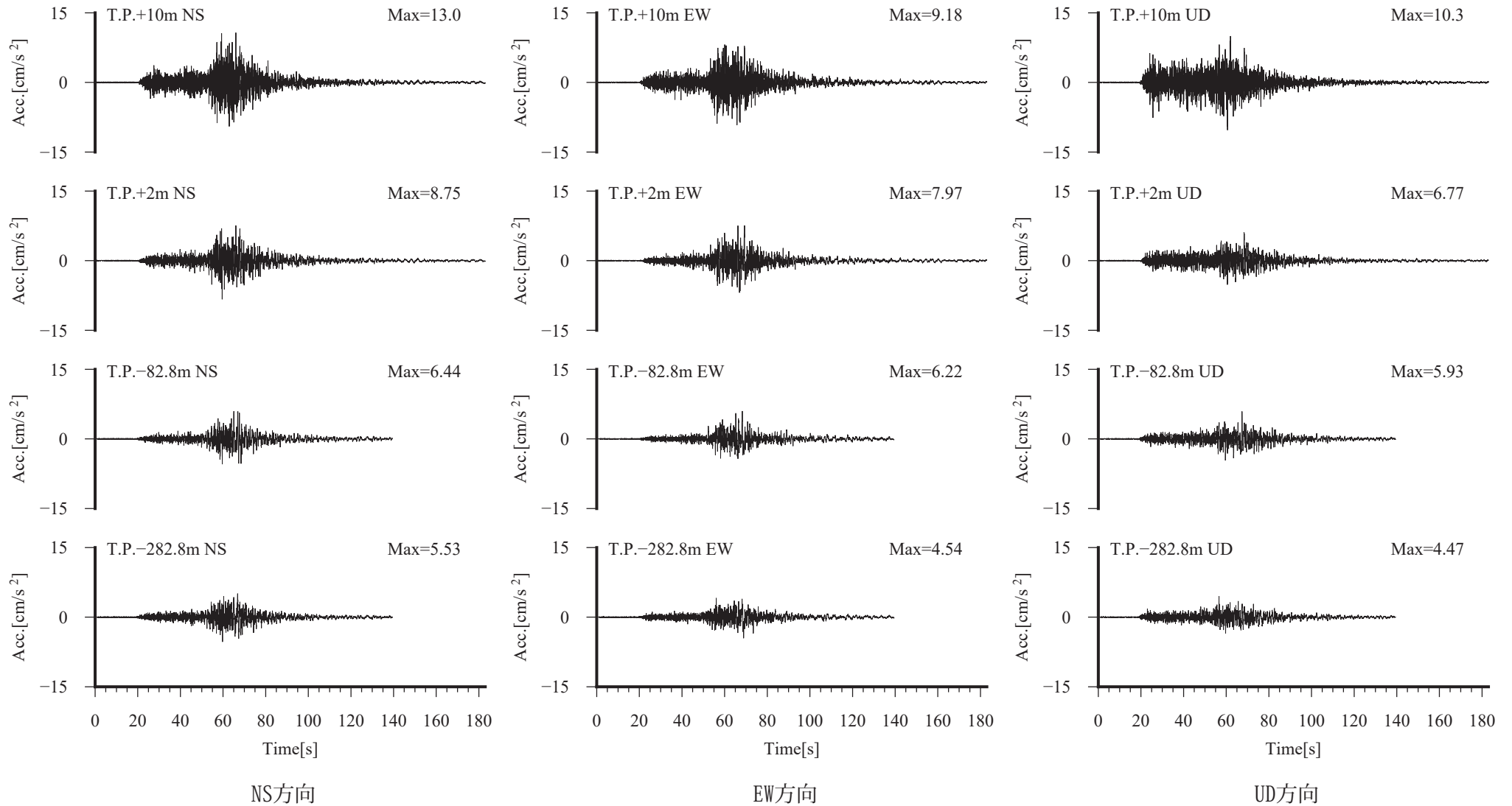
自由地盤 検討に用いた地震の加速度時刻歴波形

2011/3/17 (13:13) M5.9, 深さ=31.14km, 震央距離=146km, 震源距離=149km



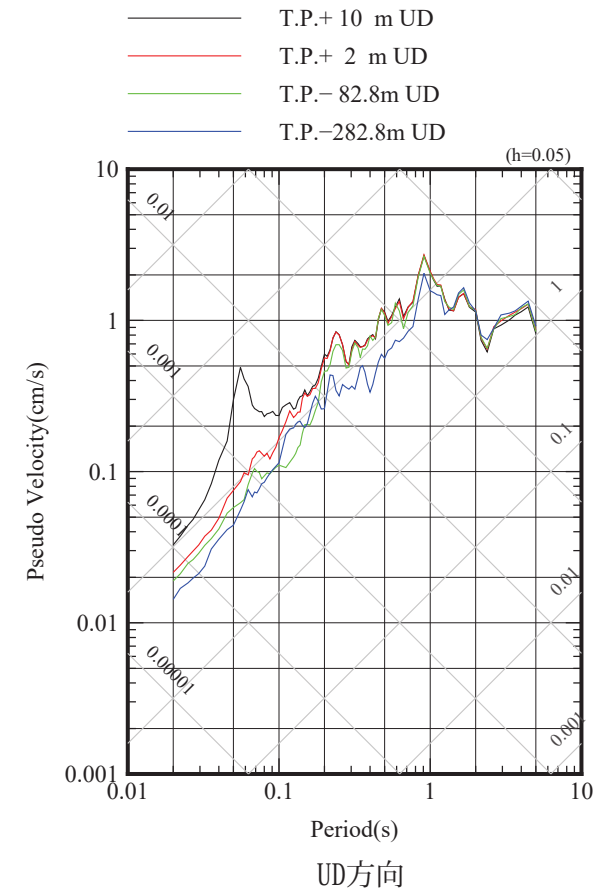
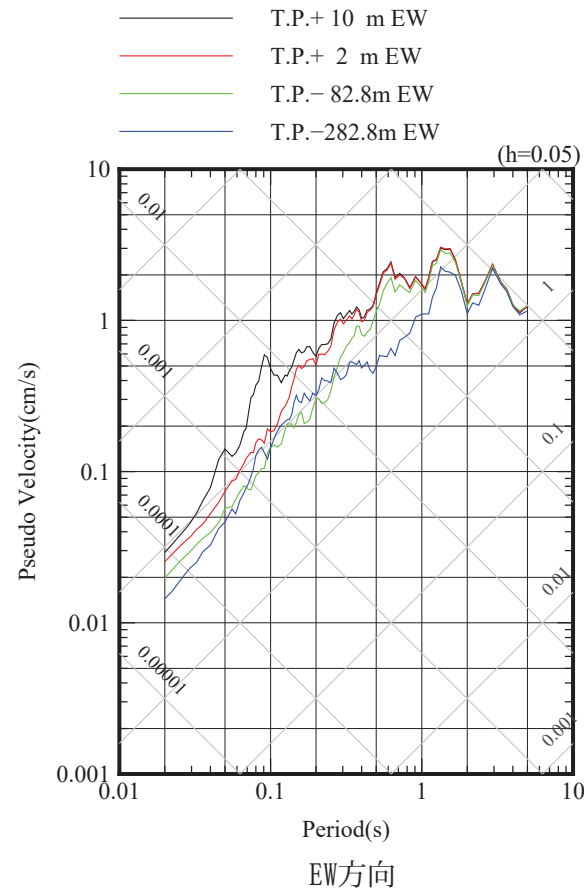
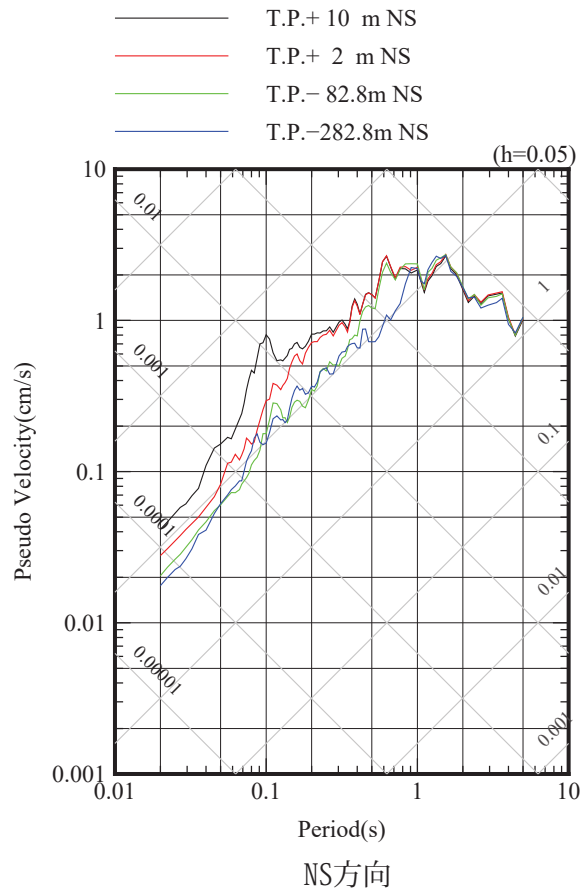
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/3/17 (13:13) M5.9, 深さ=31.14km, 震央距離=146km, 震源距離=149km



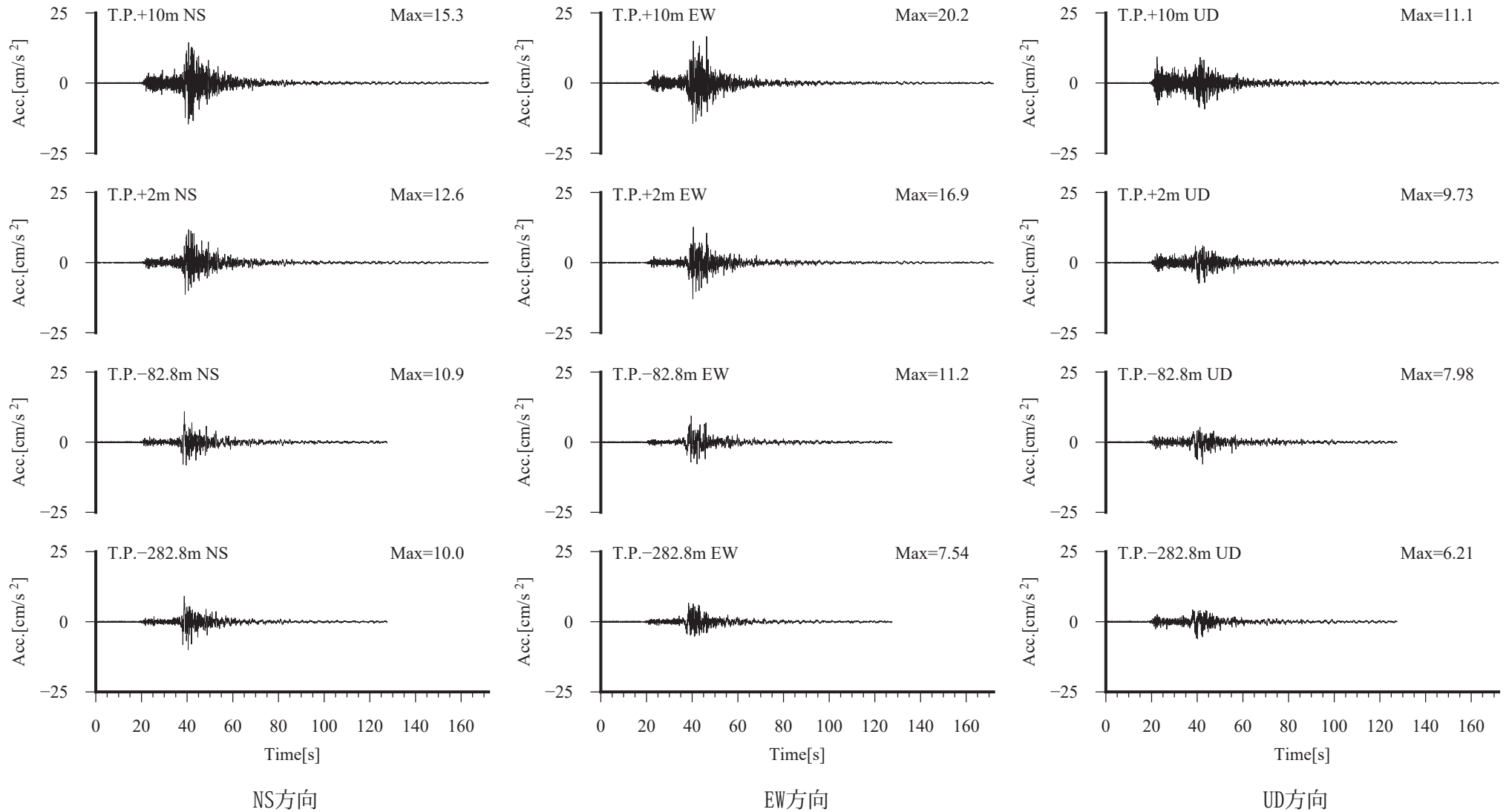
自由地盤 検討に用いた地震の加速度時刻歴波形

2011/4/7 (23:32) M7.2, 深さ=65.89km, 震央距離=334km, 震源距離=341km



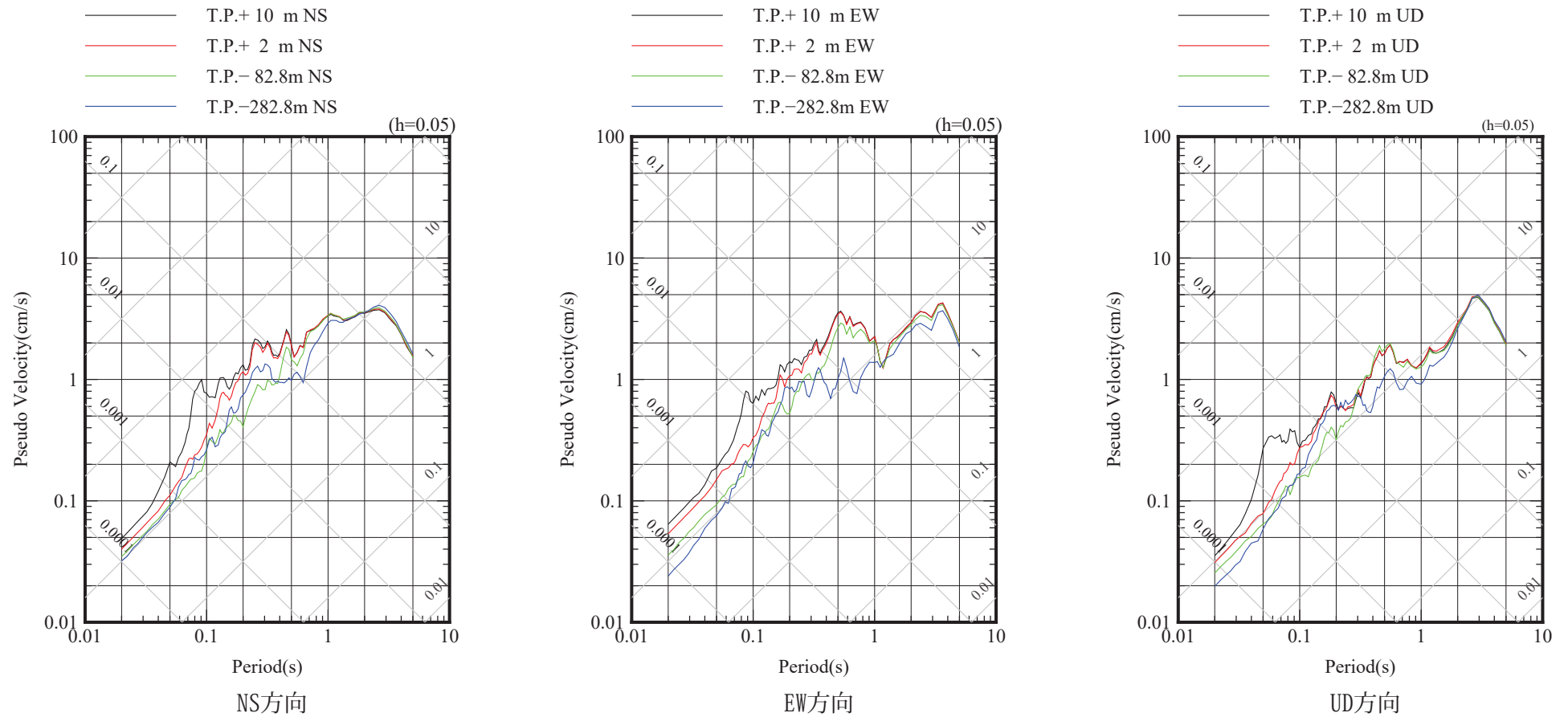
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/4/7 (23:32) M7.2, 深さ=65.89km, 震央距離=334km, 震源距離=341km



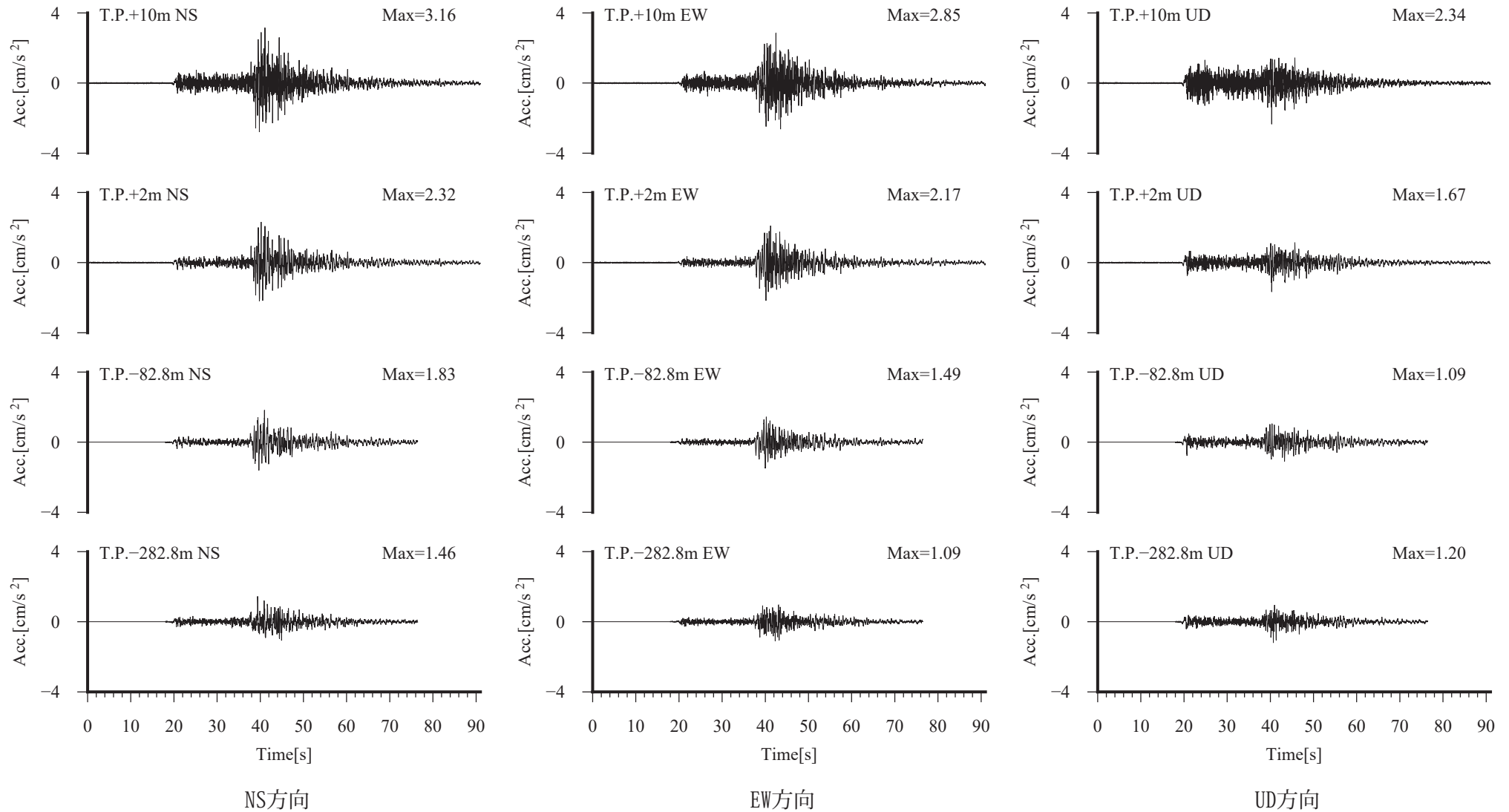
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/6/23 (6:50) M6.9, 深さ=36.4km, 震央距離=171km, 震源距離=175km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

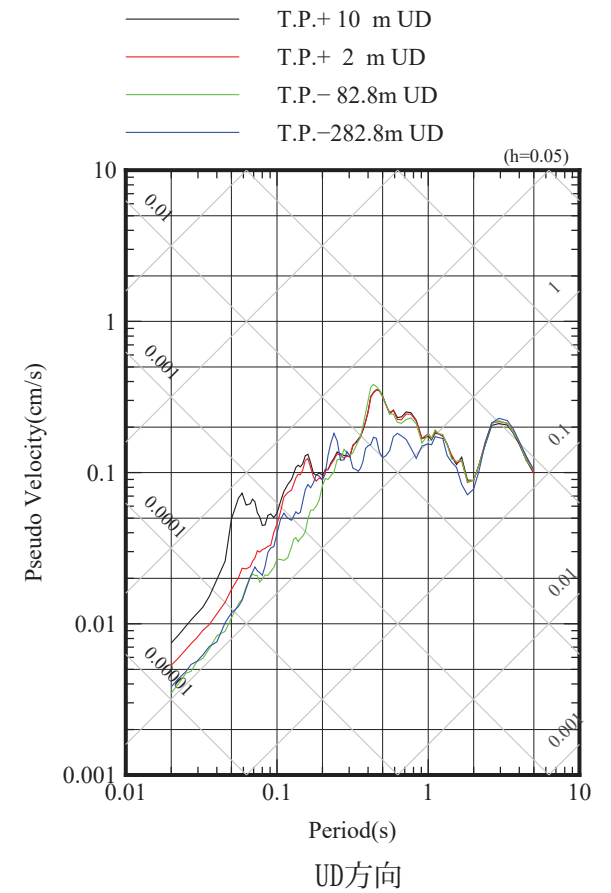
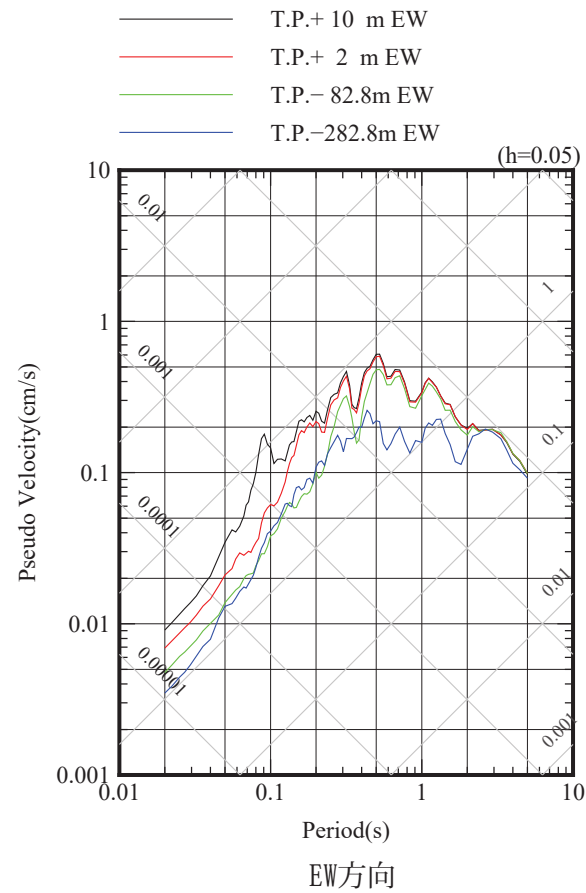
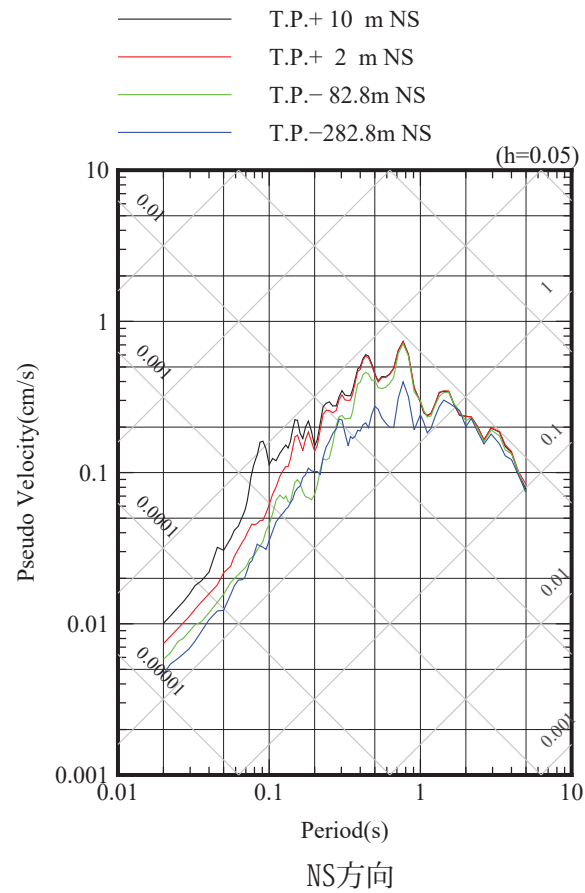
2011/6/23 (6:50) M6.9, 深さ=36.4km, 震央距離=171km, 震源距離=175km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

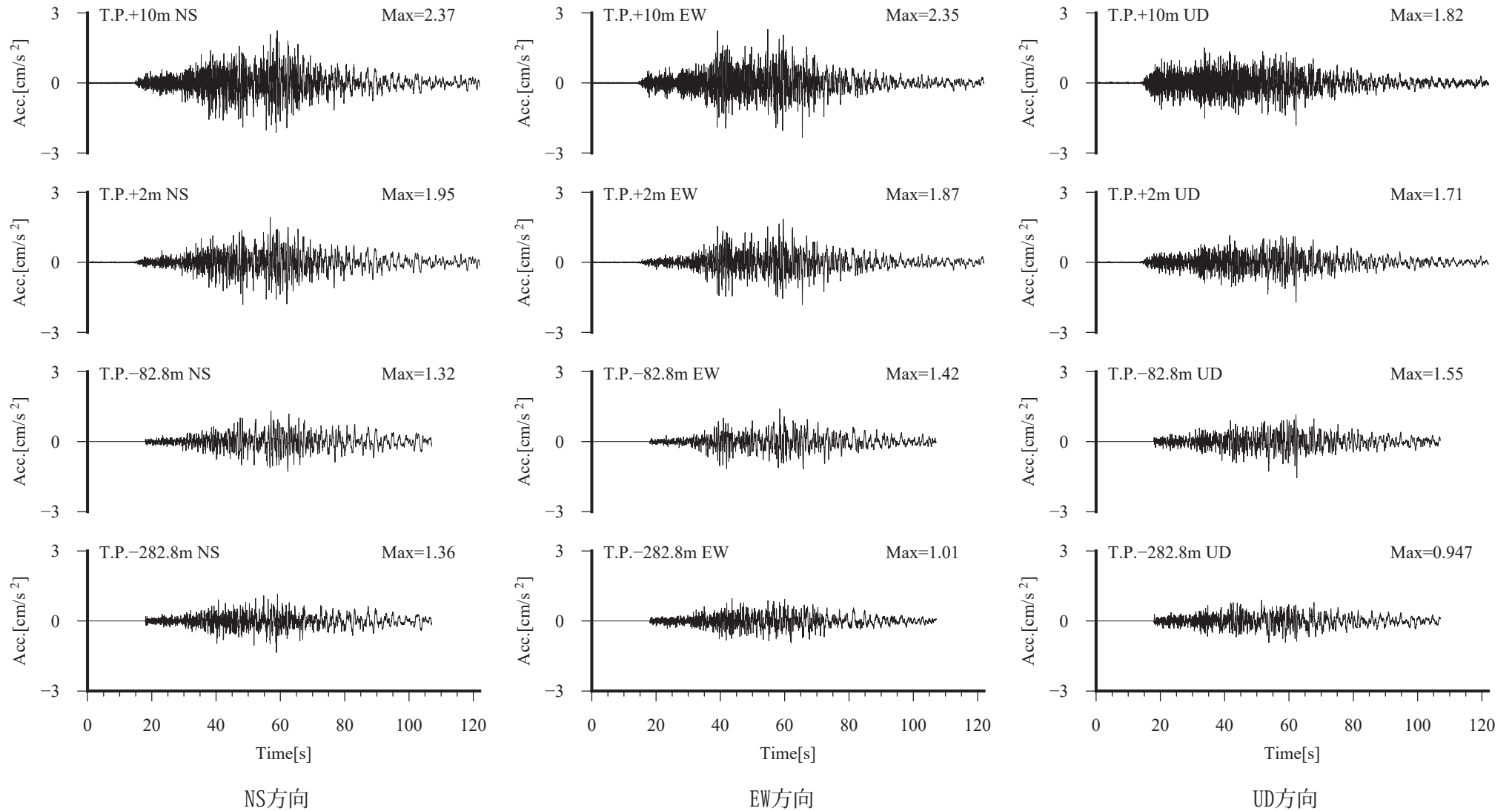
2011/8/1 (22:44) M5.8, 深さ=43.11km, 震央距離=169km, 震源距離=174km





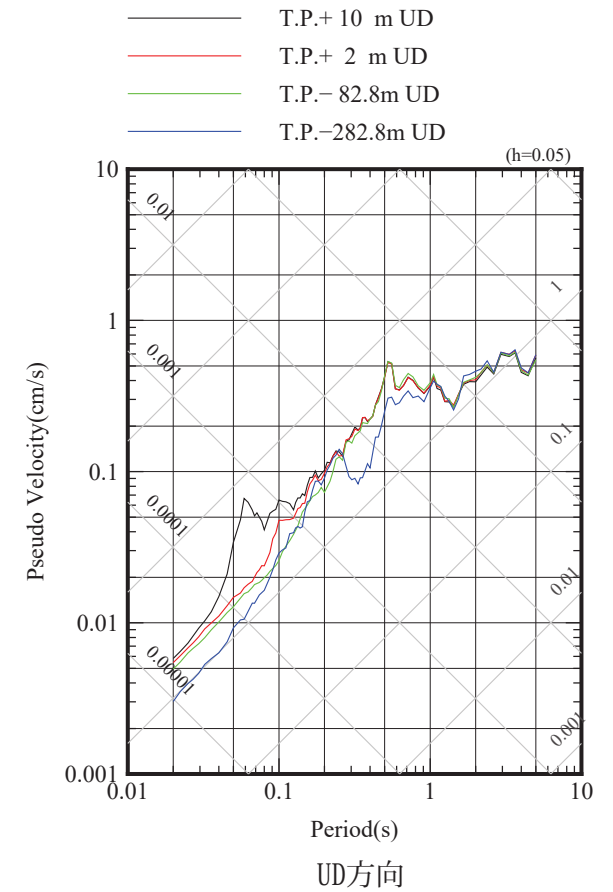
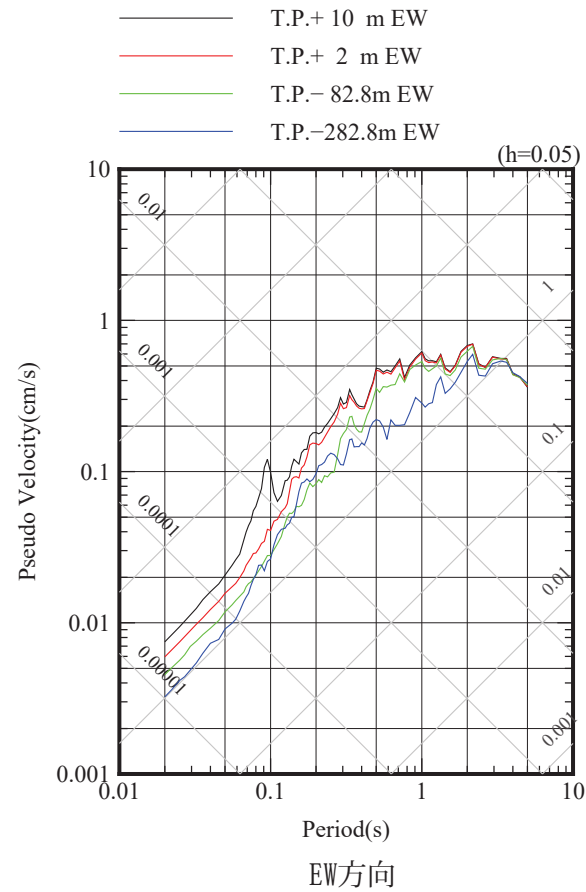
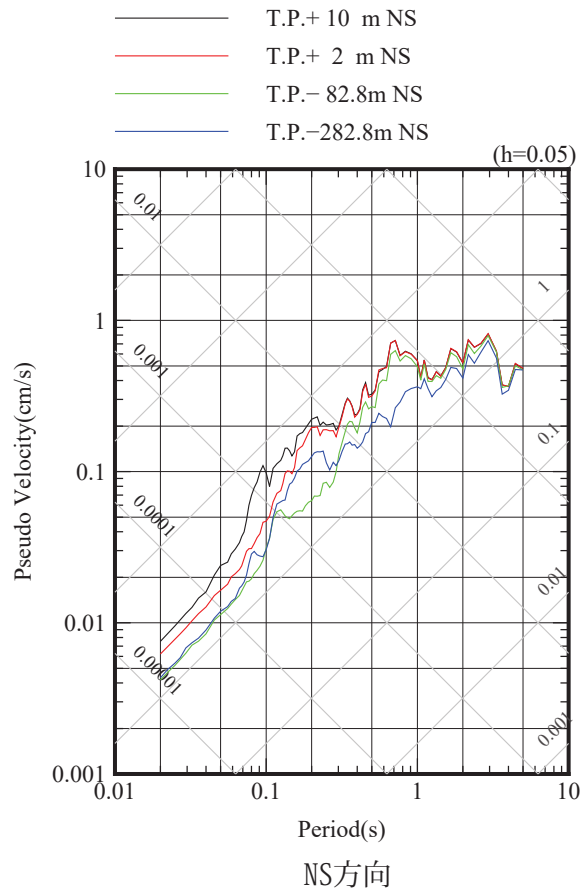
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/8/1 (22:44) M5.8, 深さ=43.11km, 震央距離=169km, 震源距離=174km



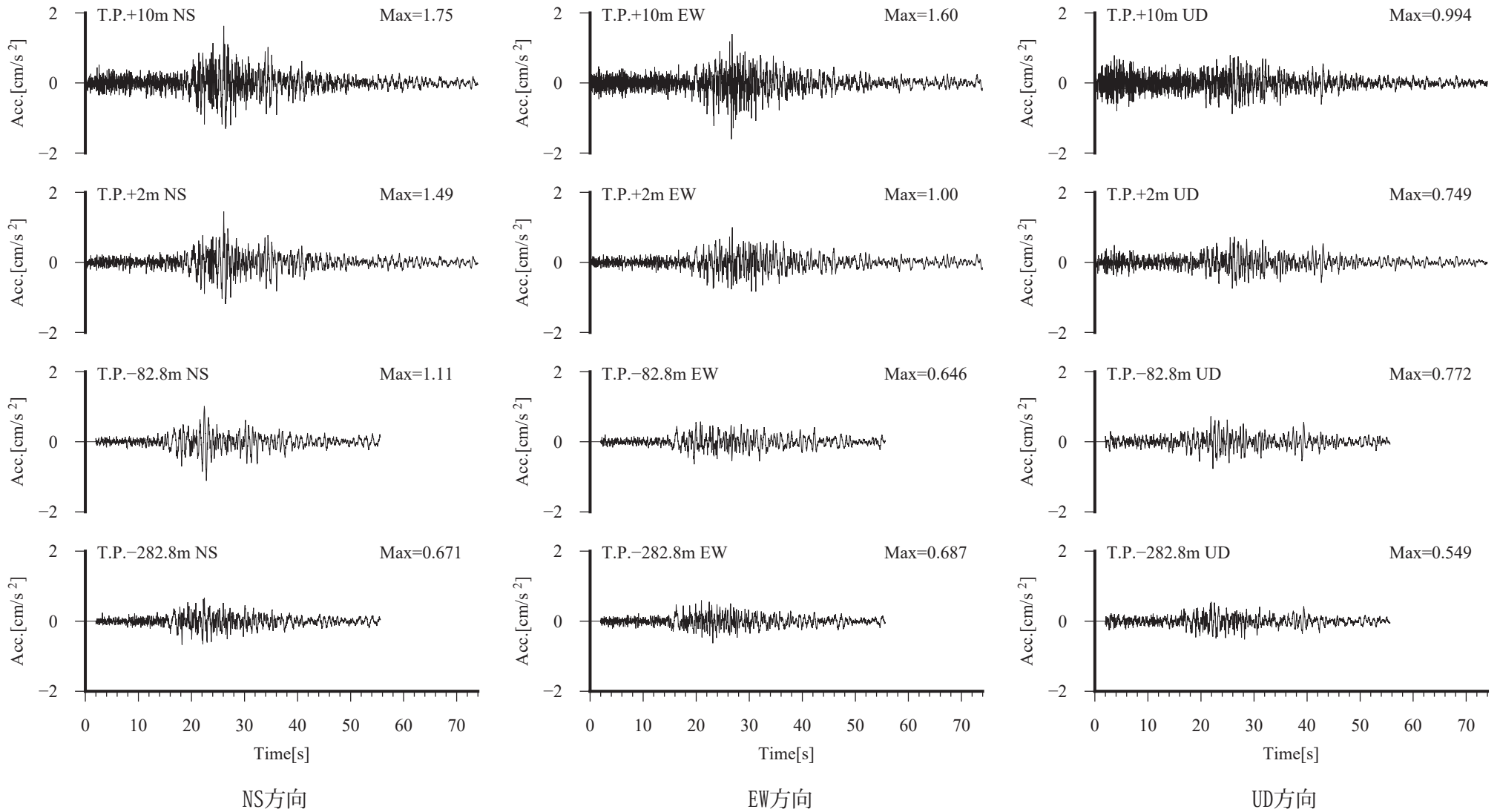
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/9/17 (4:26) M6.6, 深さ=7.4km, 震央距離=177km, 震源距離=177km



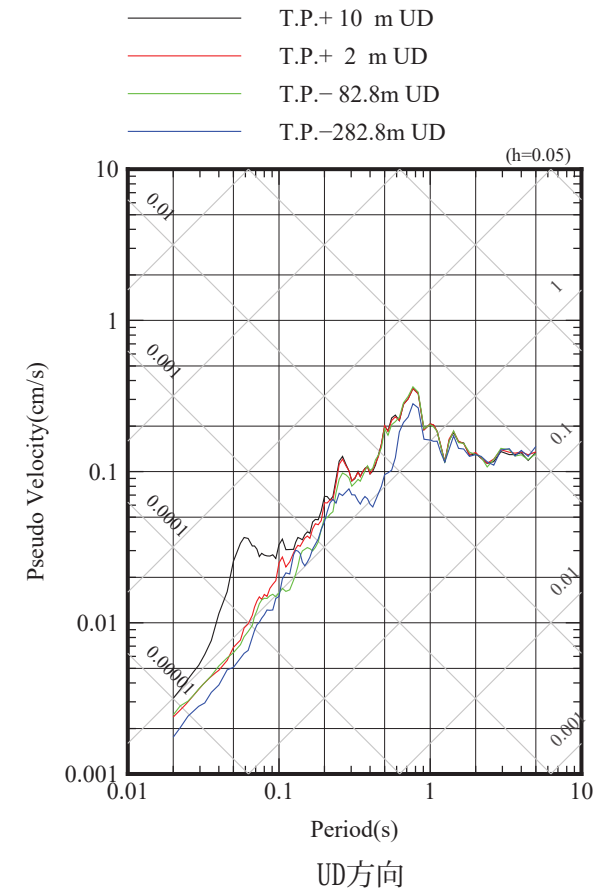
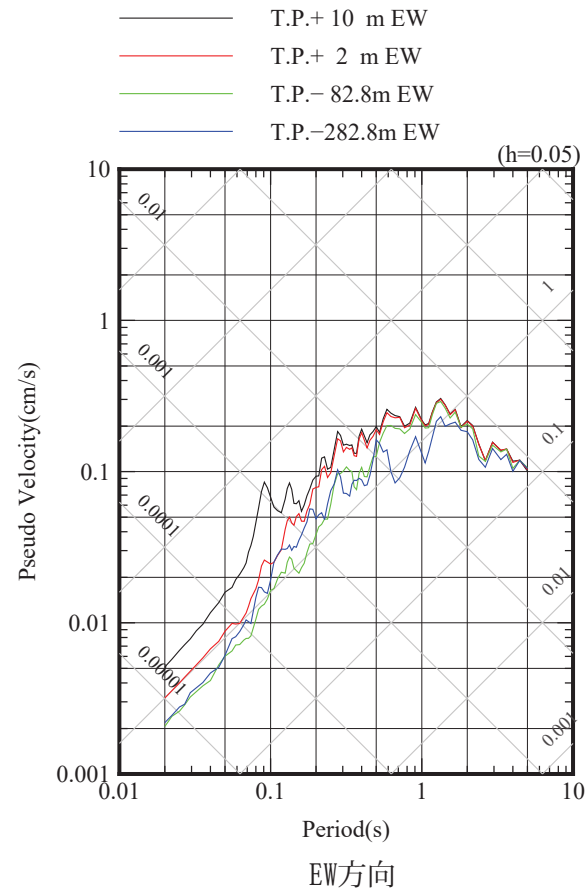
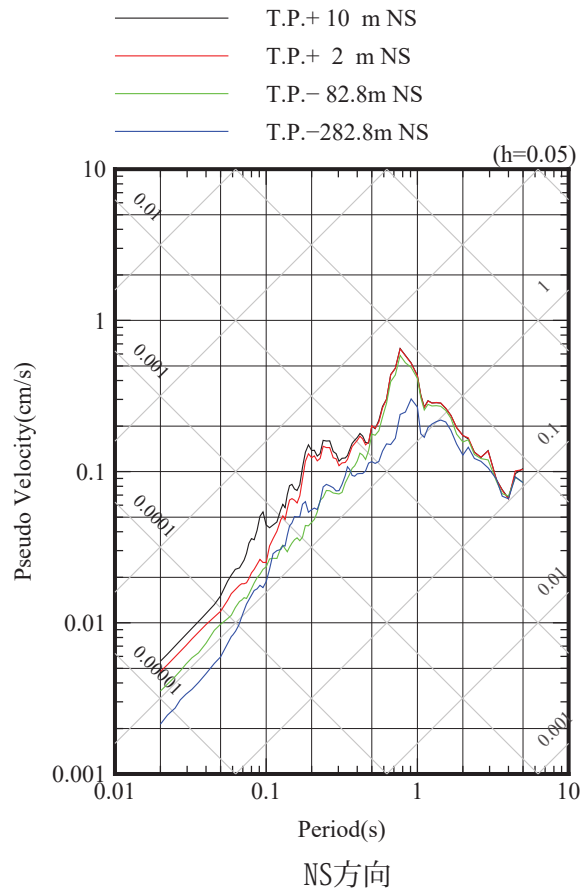
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/9/17 (4:26) M6.6, 深さ=7.4km, 震央距離=177km, 震源距離=177km



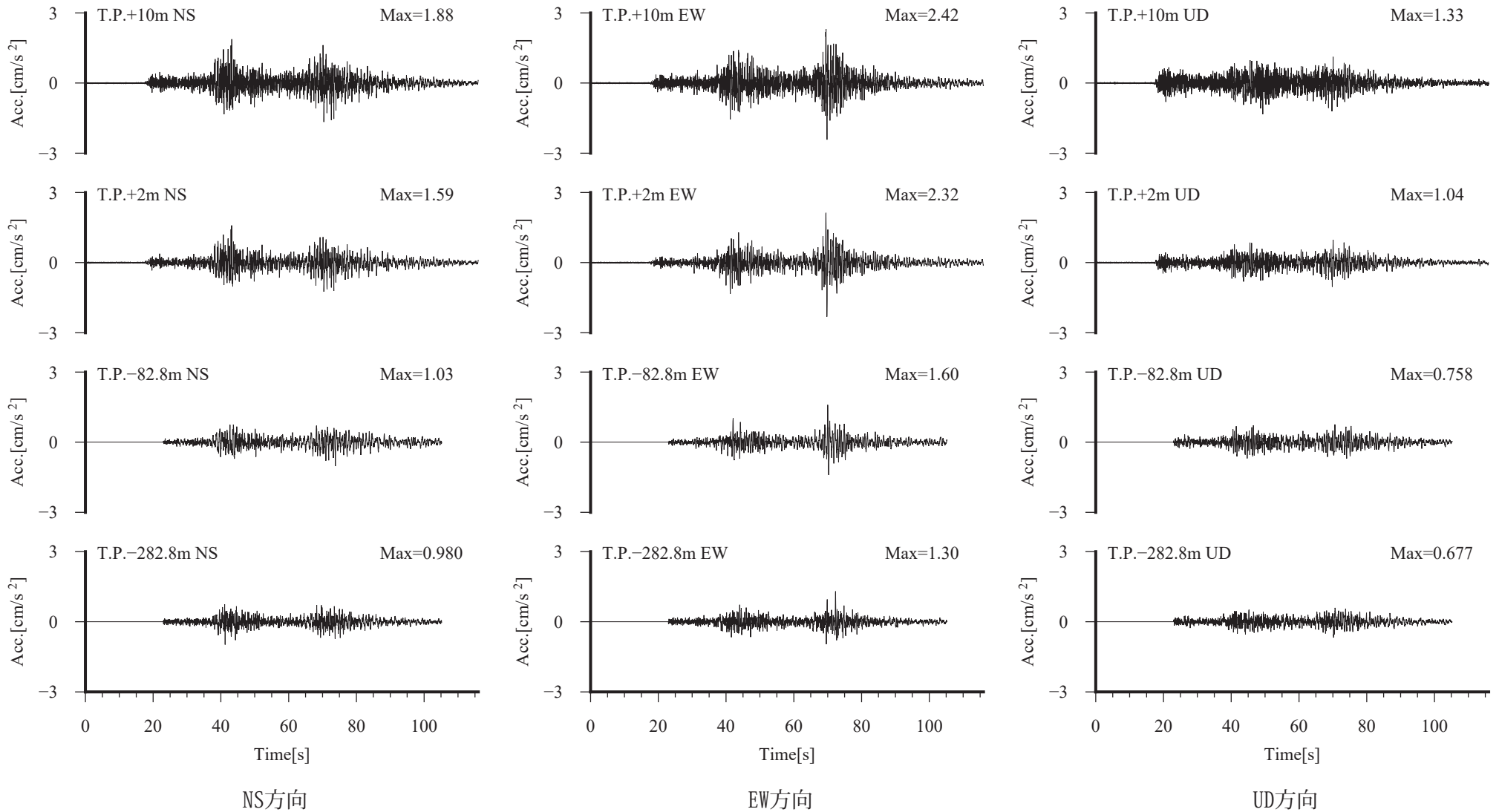
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/9/17 (6:8) M6.1, 深さ=3.69km, 震央距離=186km, 震源距離=186km



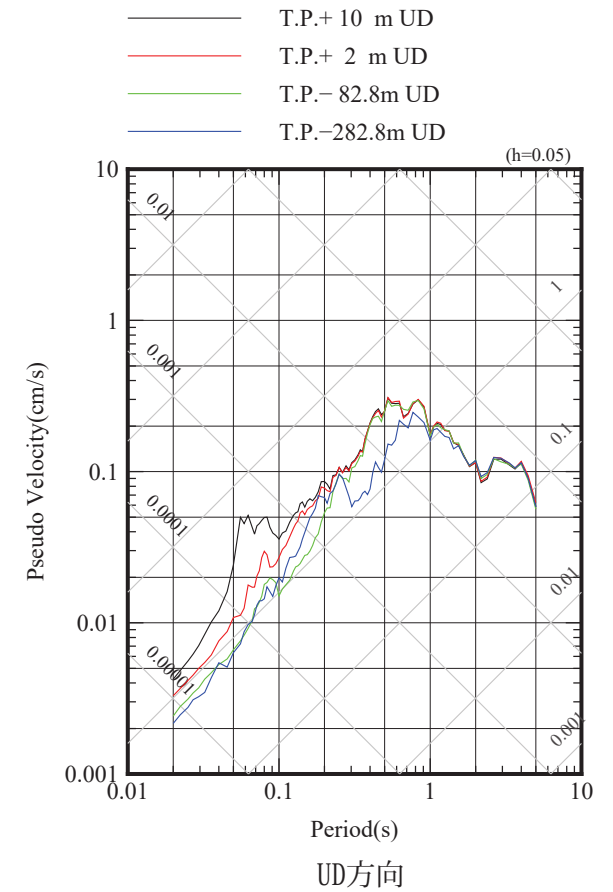
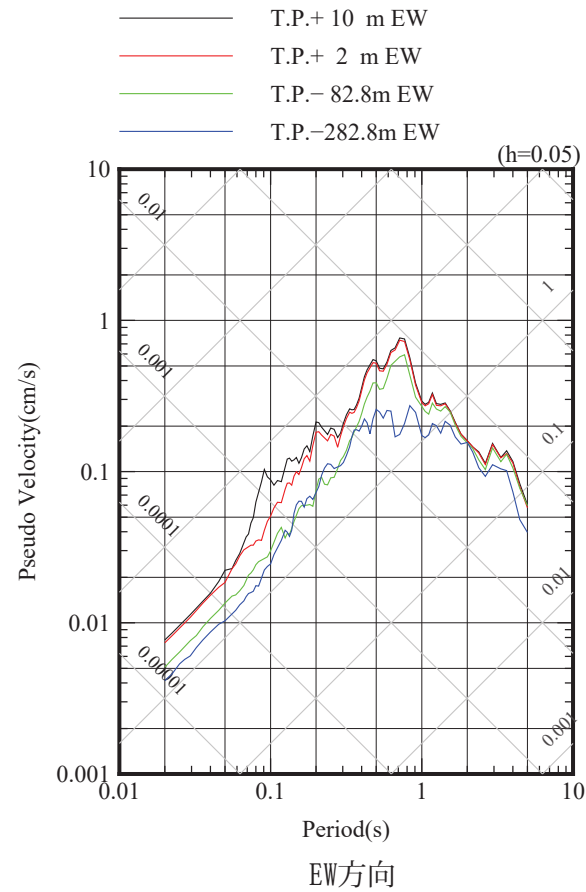
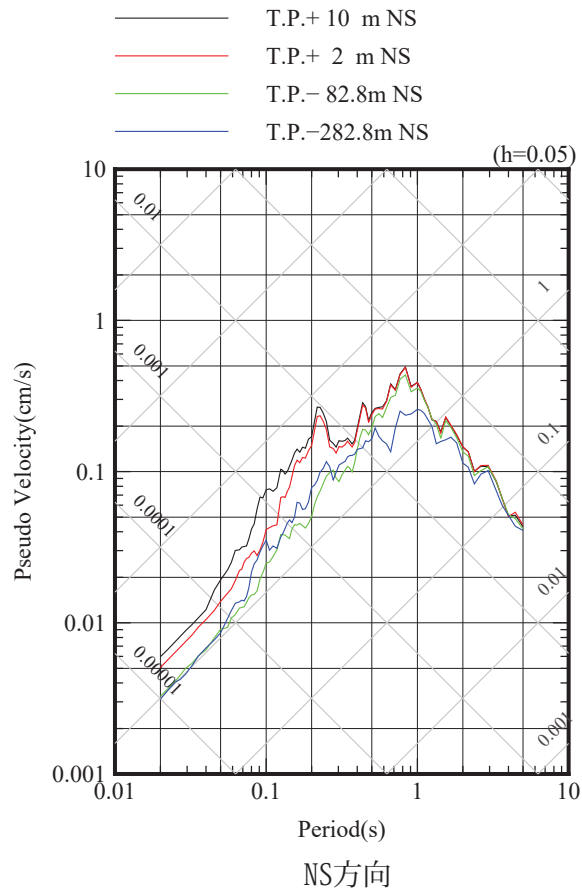
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/9/17 (6:8) M6.1, 深さ=3.69km, 震央距離=186km, 震源距離=186km



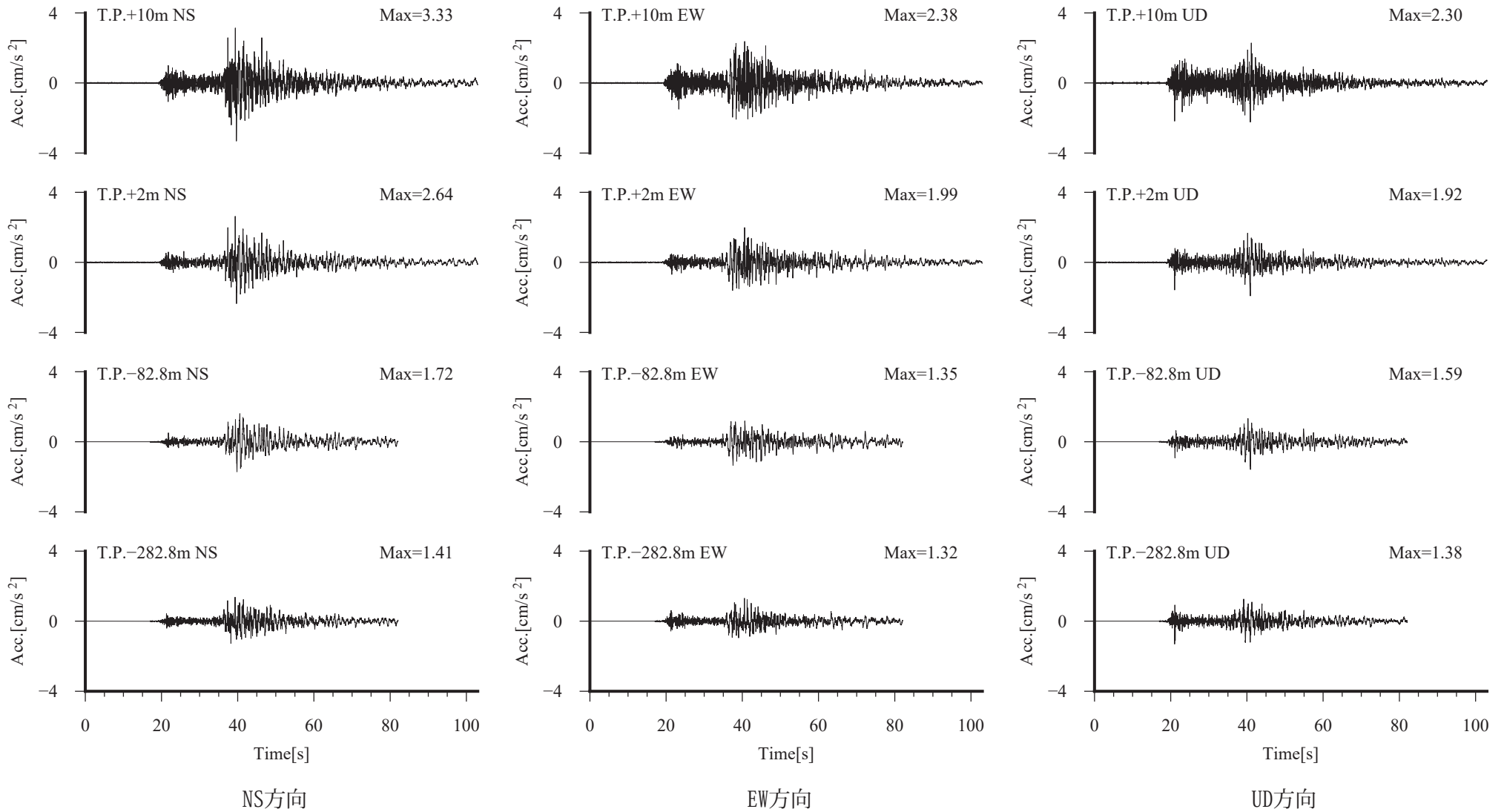
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2011/9/17 (16:33) M5.5, 深さ=14.34km, 震央距離=172km, 震源距離=172km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

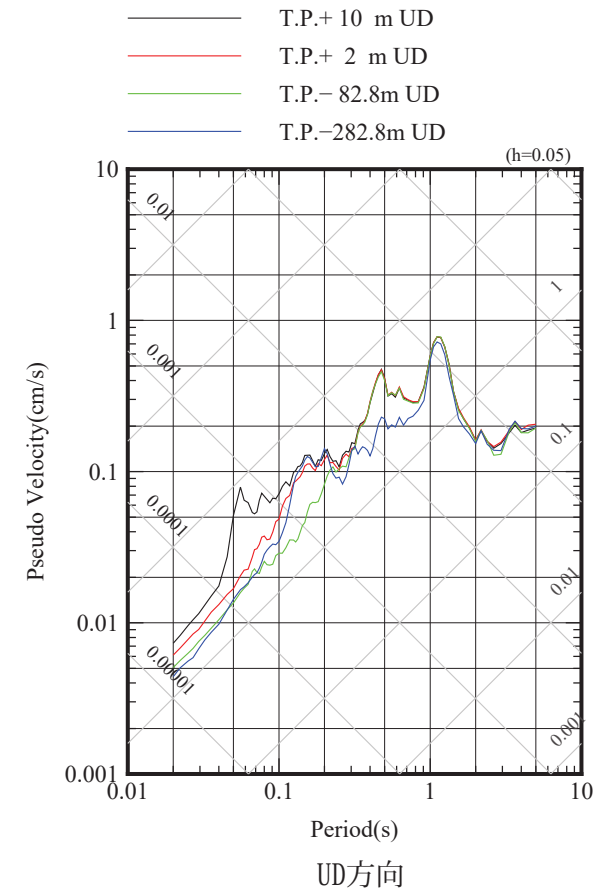
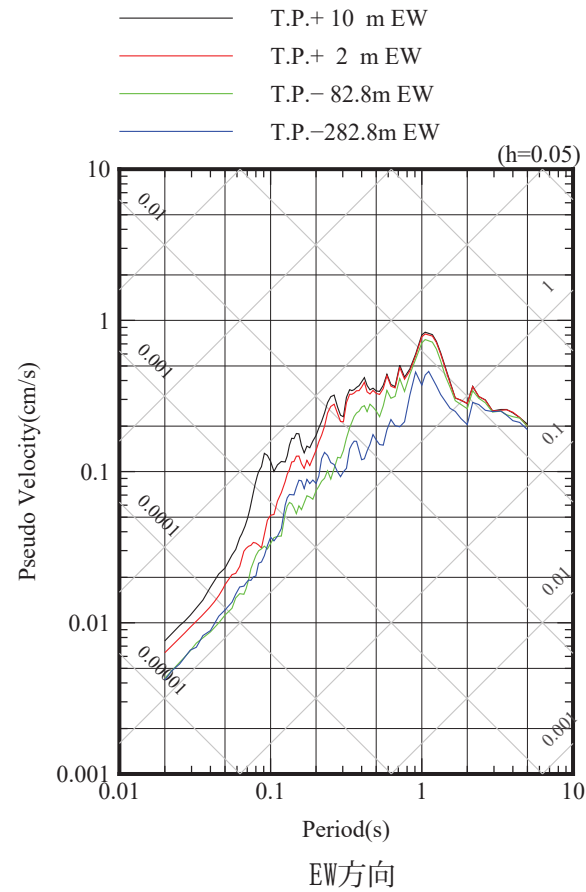
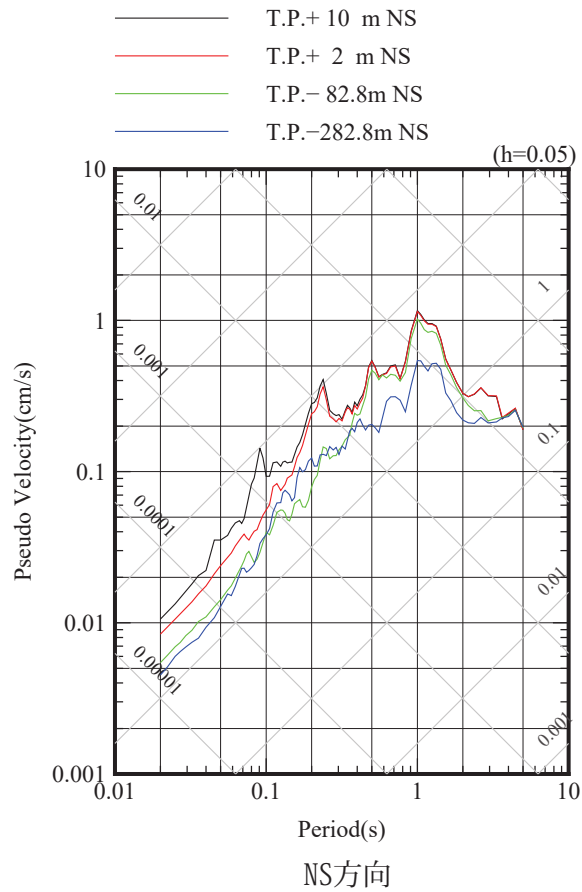
2011/9/17 (16:33) M5.5, 深さ=14.34km, 震央距離=172km, 震源距離=172km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

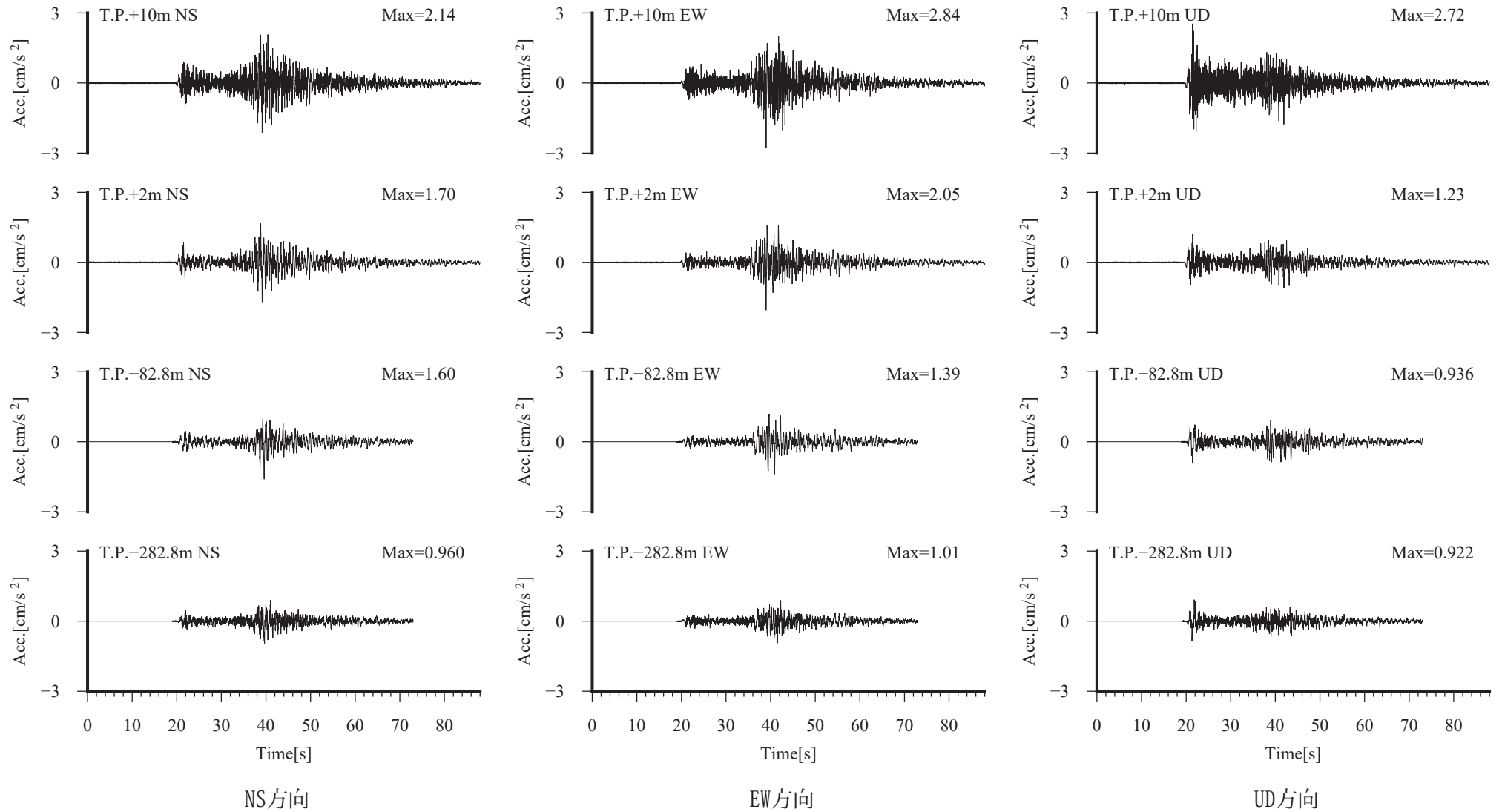
2011/11/24 (19:25) M6.2, 深さ=43.21km, 震央距離=140km, 震源距離=146km





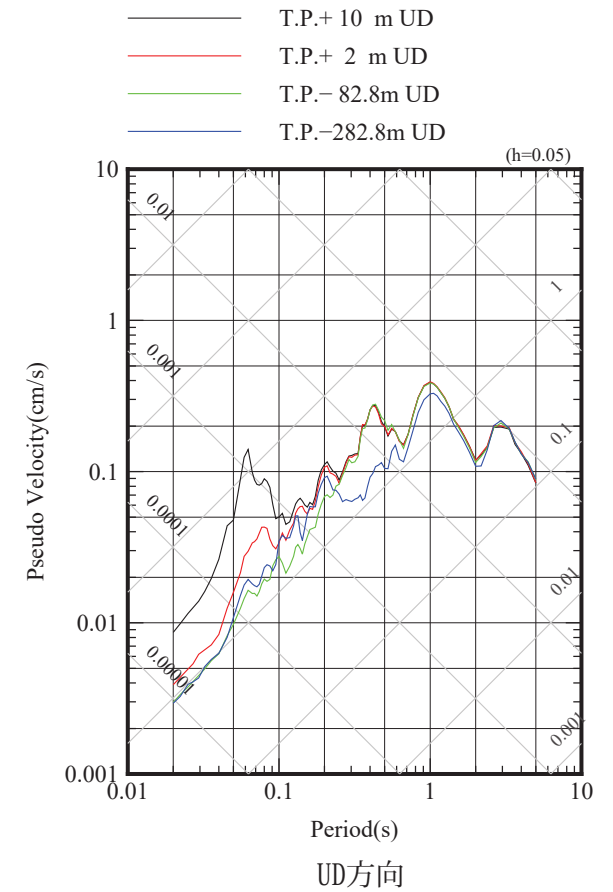
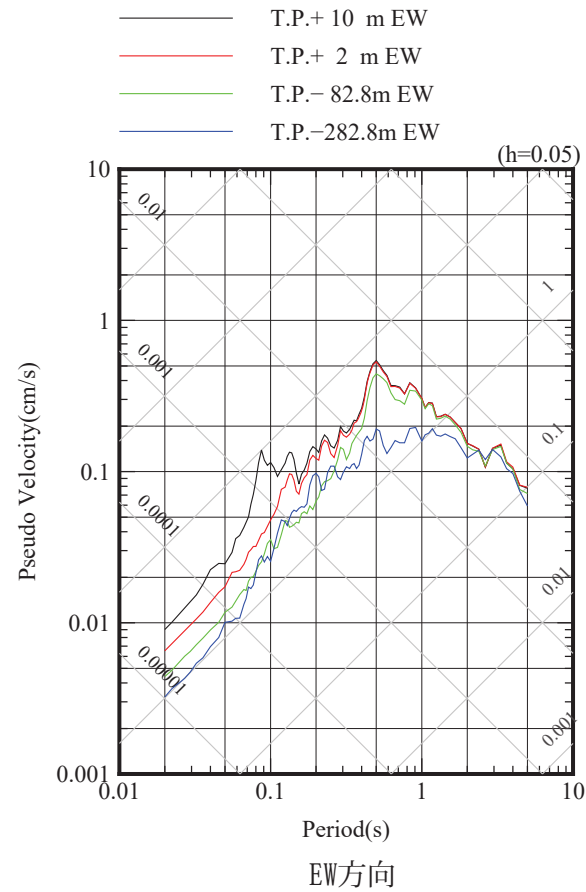
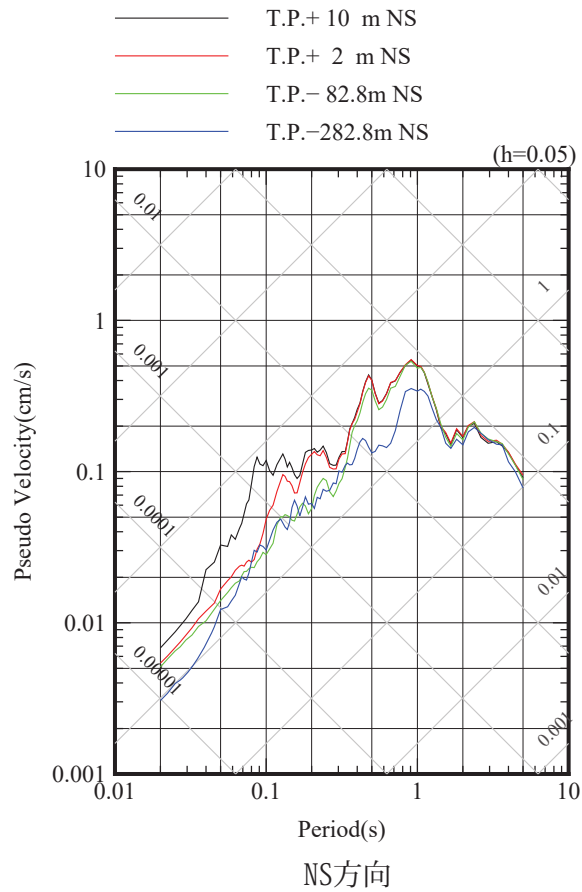
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2011/11/24 (19:25) M6.2, 深さ=43.21km, 震央距離=140km, 震源距離=146km



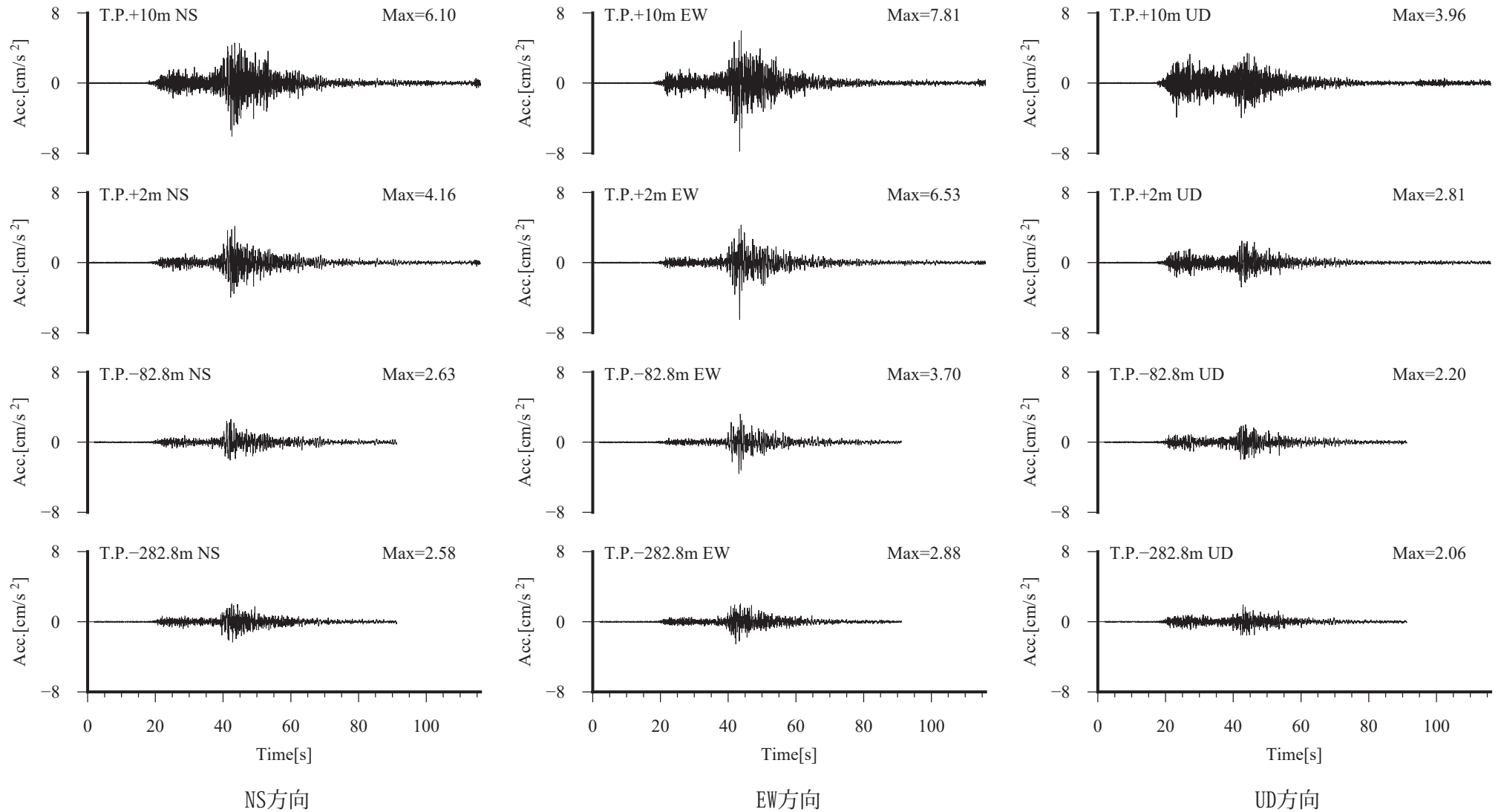
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2012/1/28 (9:22) M5.7, 深さ=36.05km, 震央距離=145km, 震源距離=149km



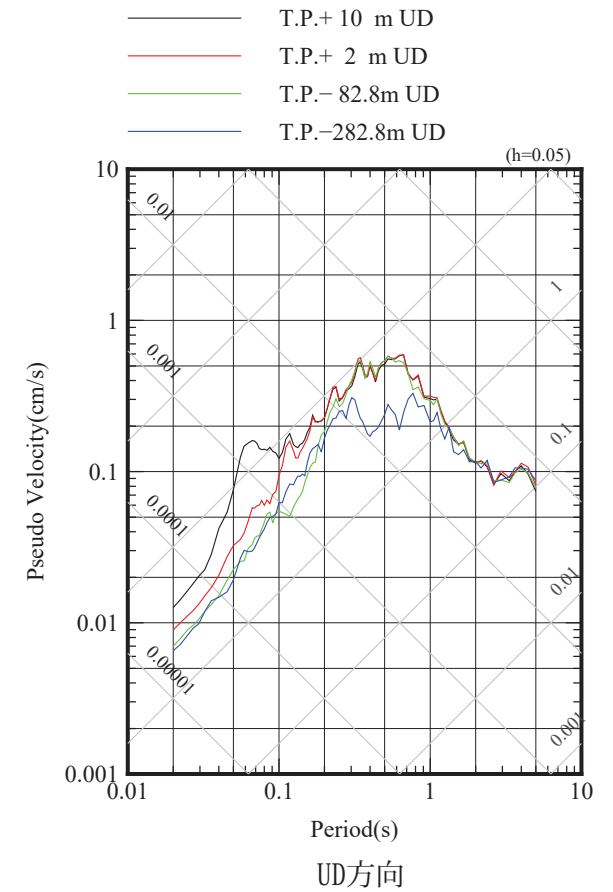
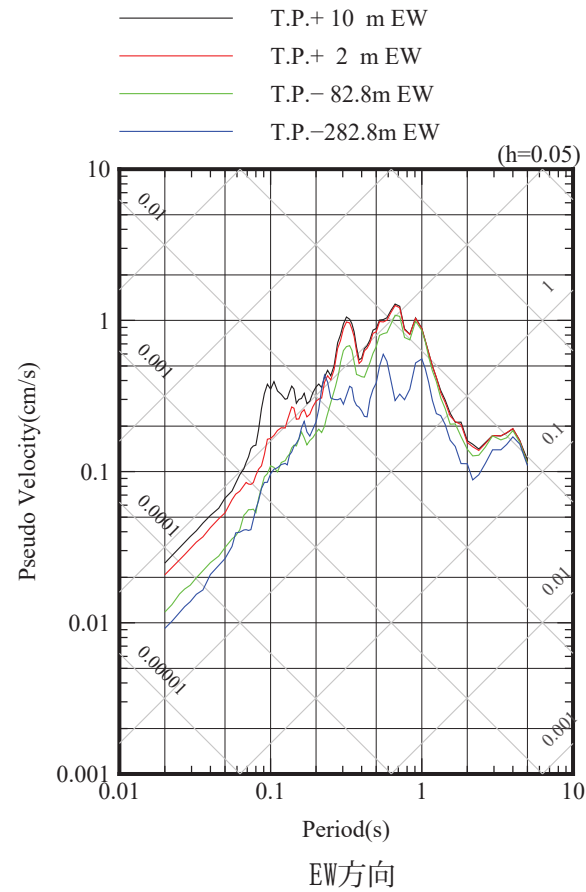
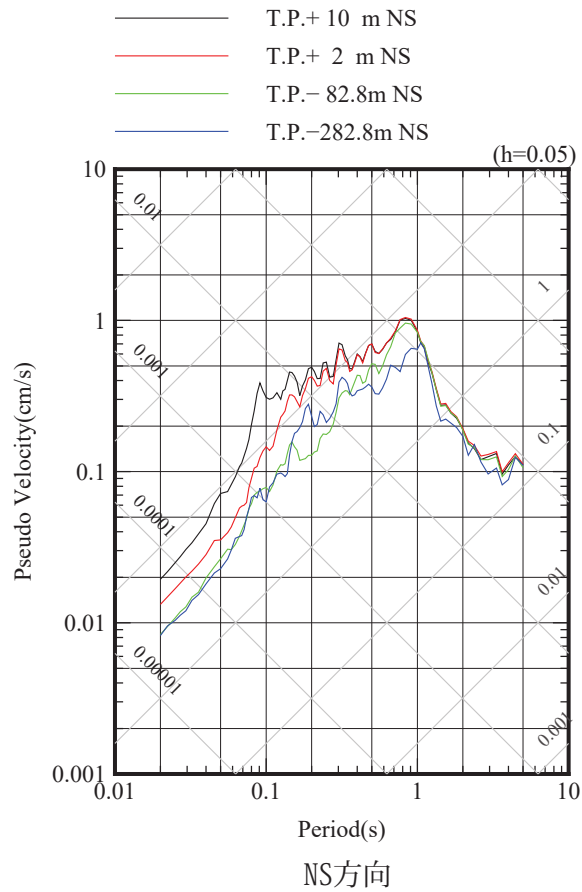
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2012/1/28 (9:22) M5.7, 深さ=36.05km, 震央距離=145km, 震源距離=149km



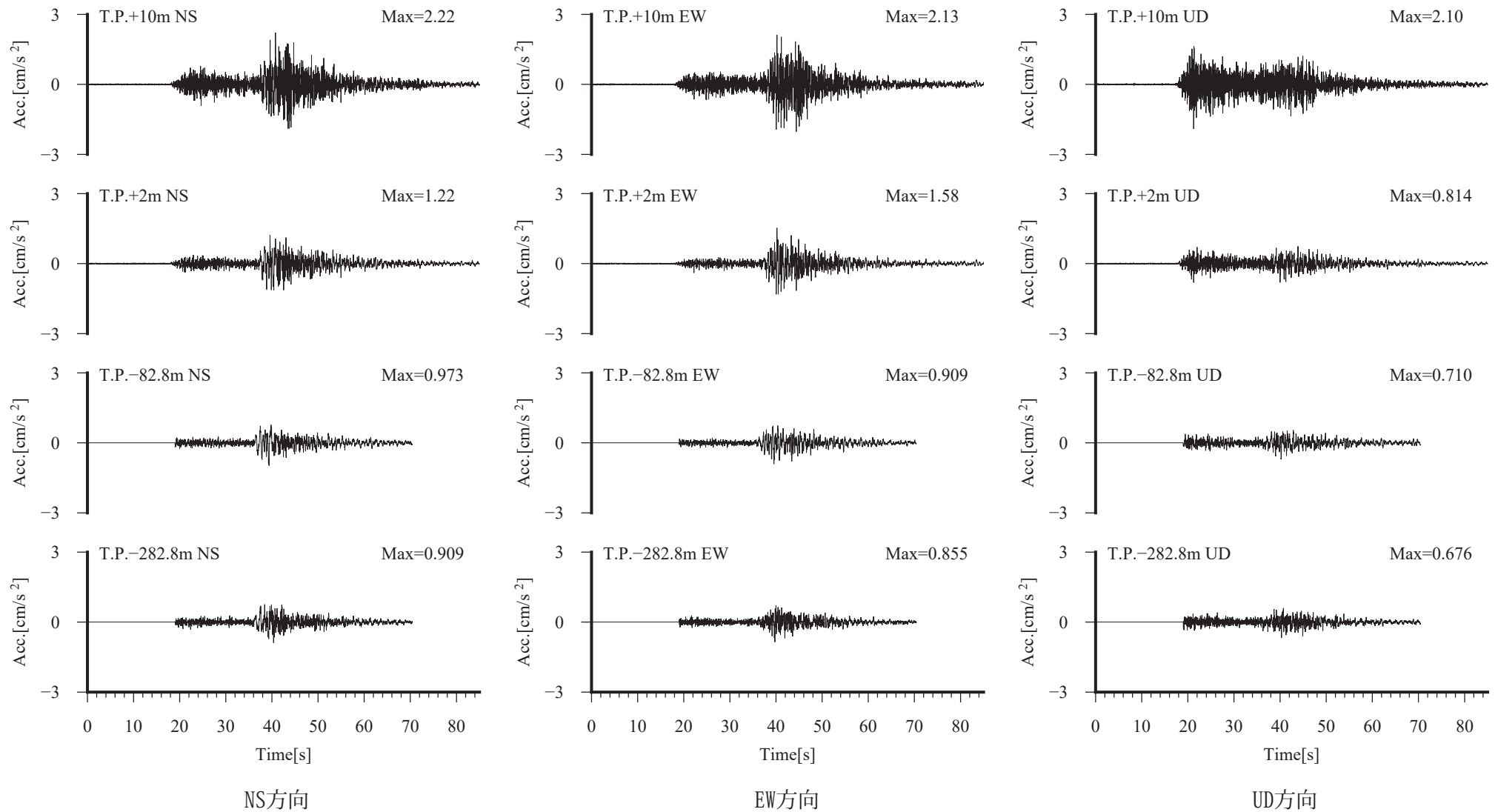
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2012/3/27 (20:0) M6.6, 深さ=20.5km, 震央距離=173km, 震源距離=174km



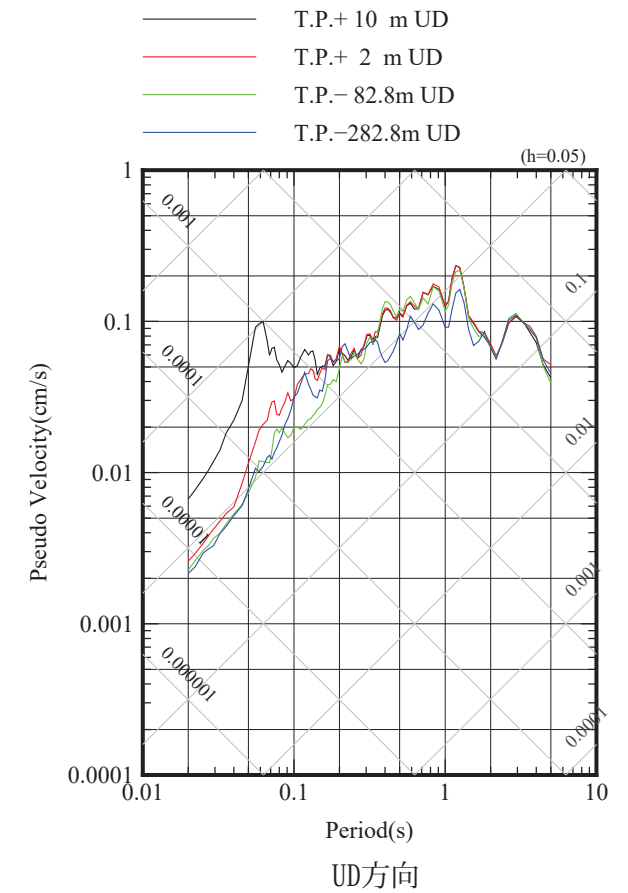
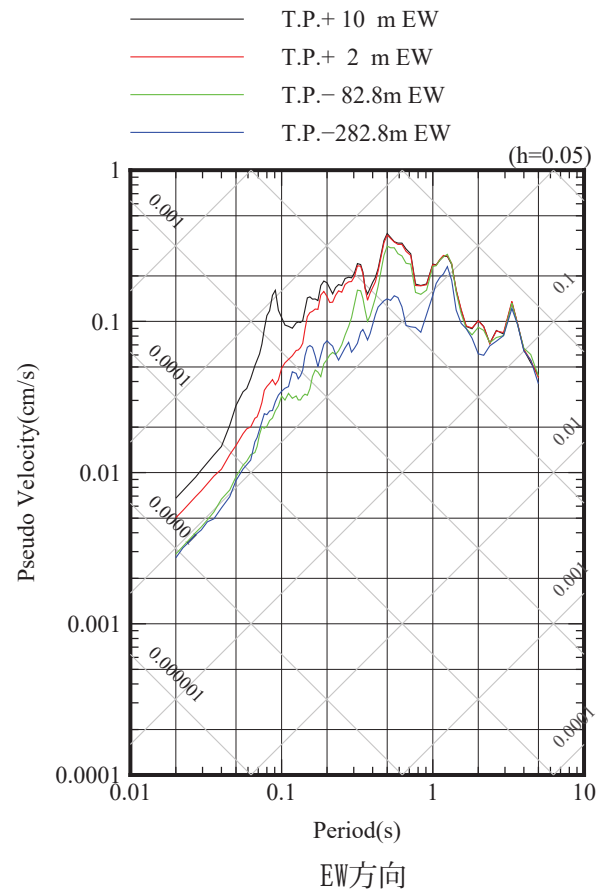
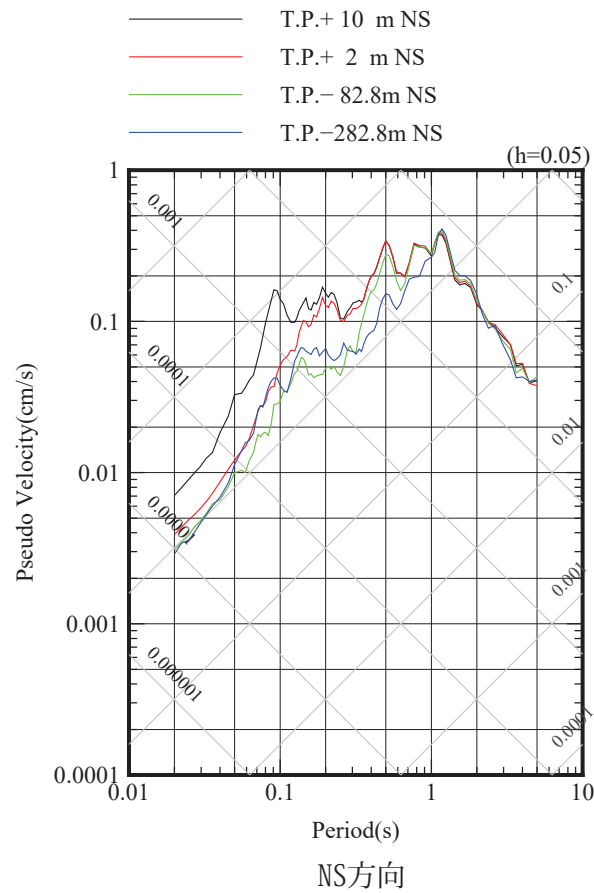
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2012/3/27 (20:0) M6.6, 深さ=20.5km, 震央距離=173km, 震源距離=174km



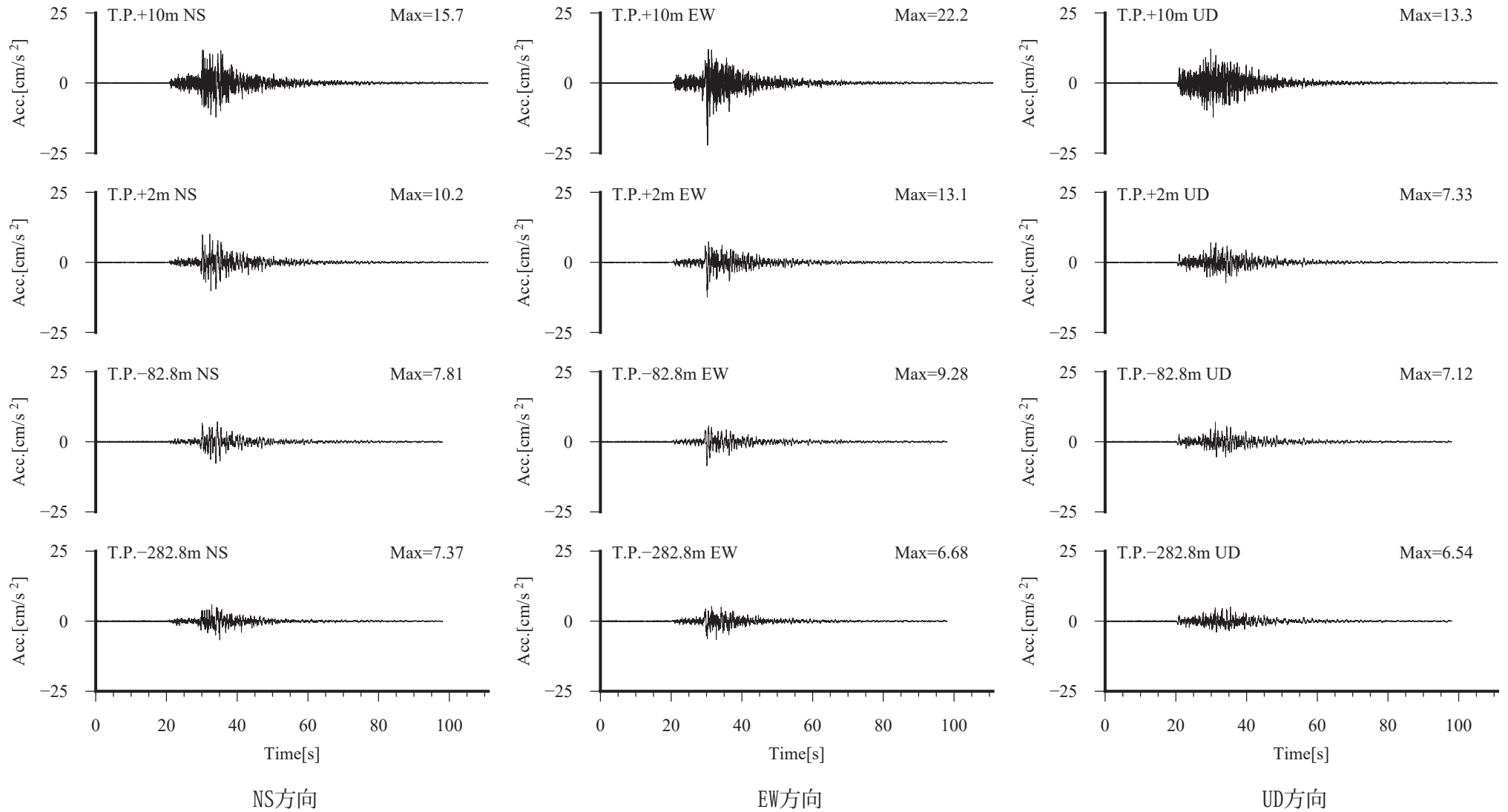
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2012/4/30 (0:2) M5.6, 深さ=22.68km, 震央距離=177km, 震源距離=178km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

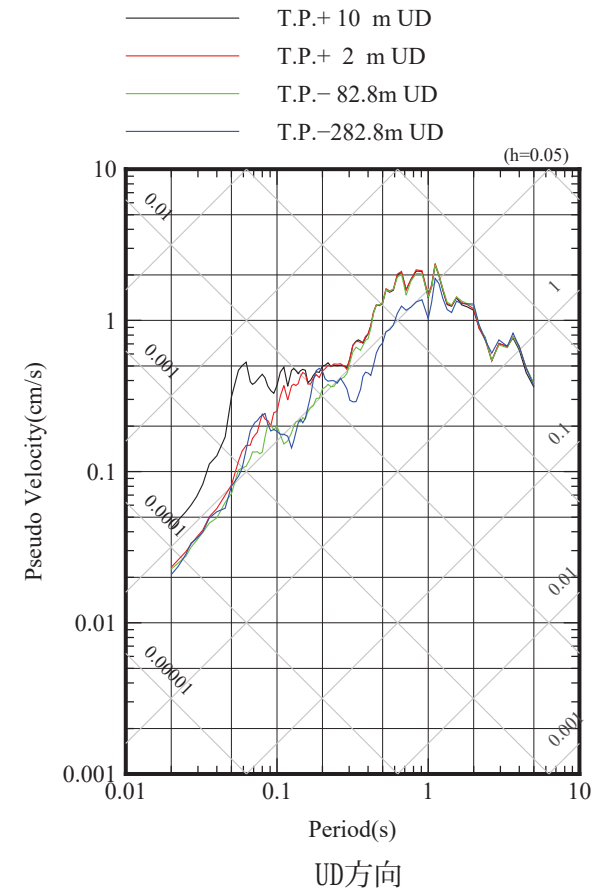
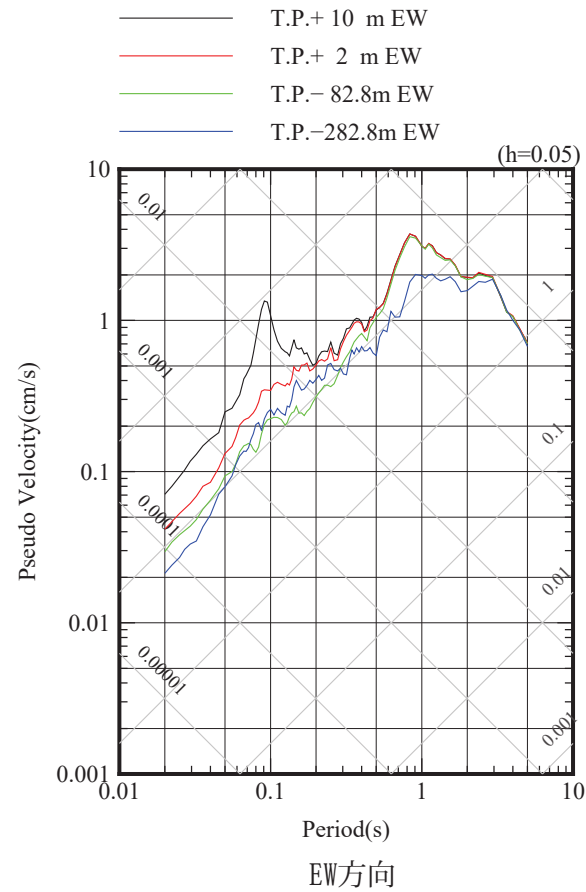
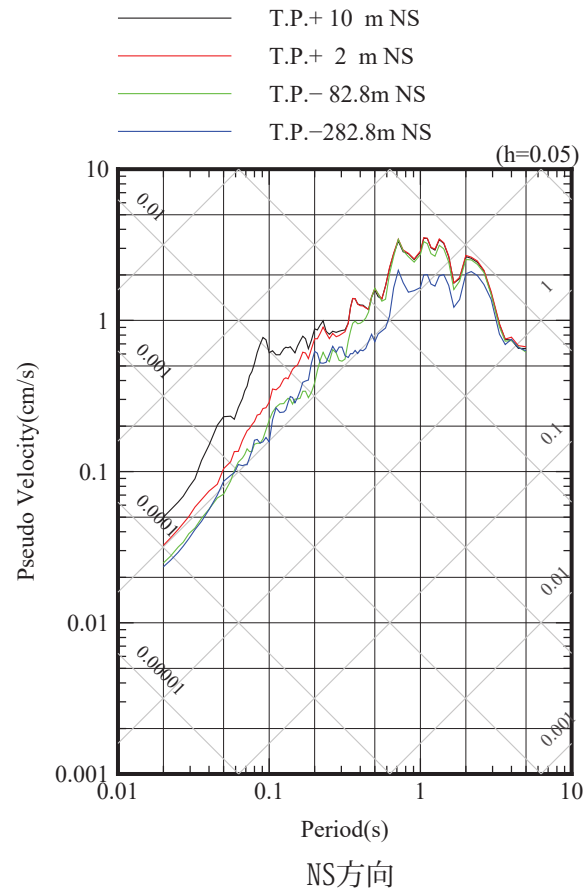
2012/4/30 (0:2) M5.6, 深さ=22.68km, 震央距離=177km, 震源距離=178km



自由地盤 検討に用いた地震の加速度時刻歴波形

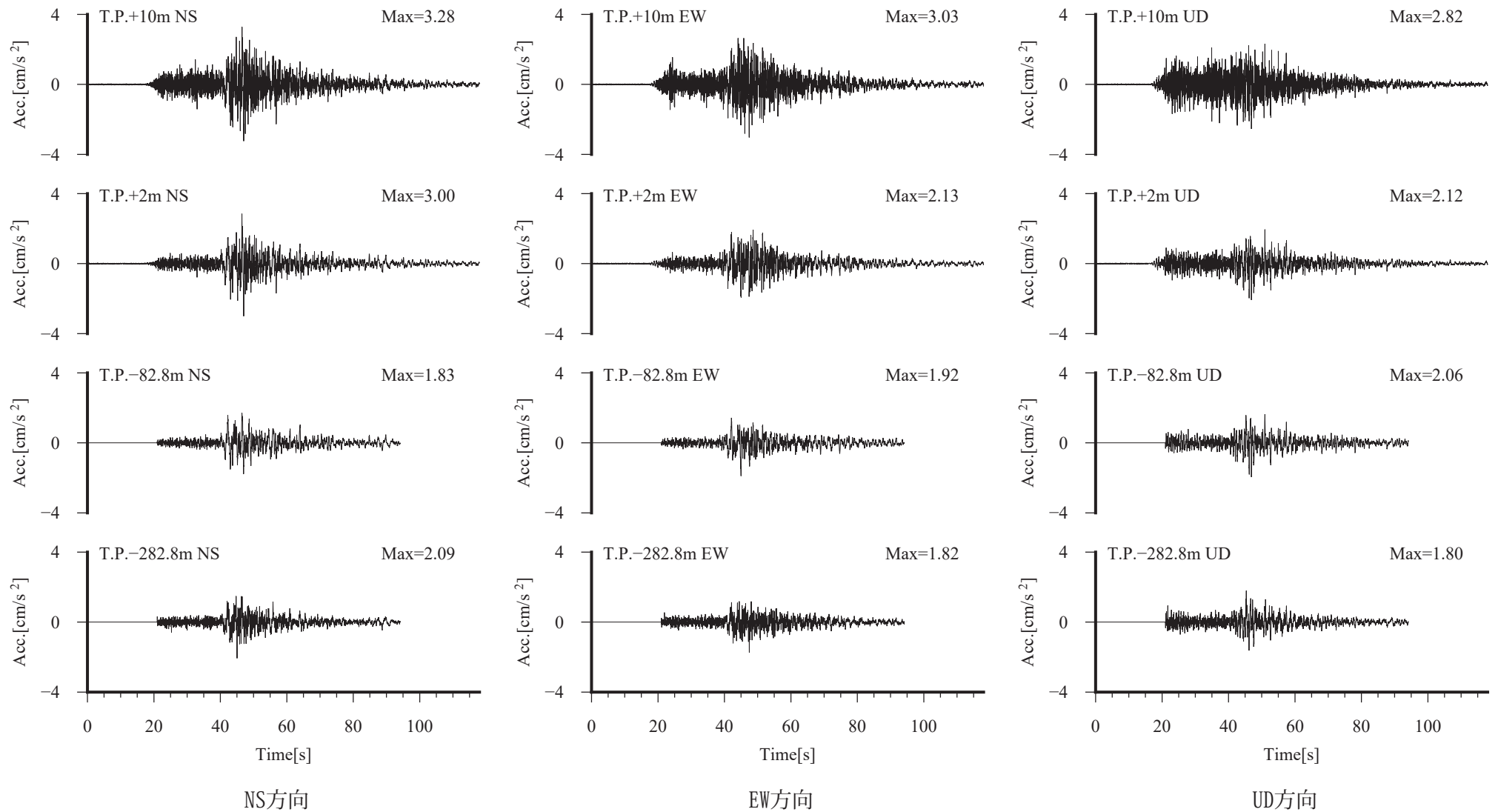
2012/5/24 (0:2) M6.1, 深さ=59.6km, 震央距離=64km, 震源距離=87km





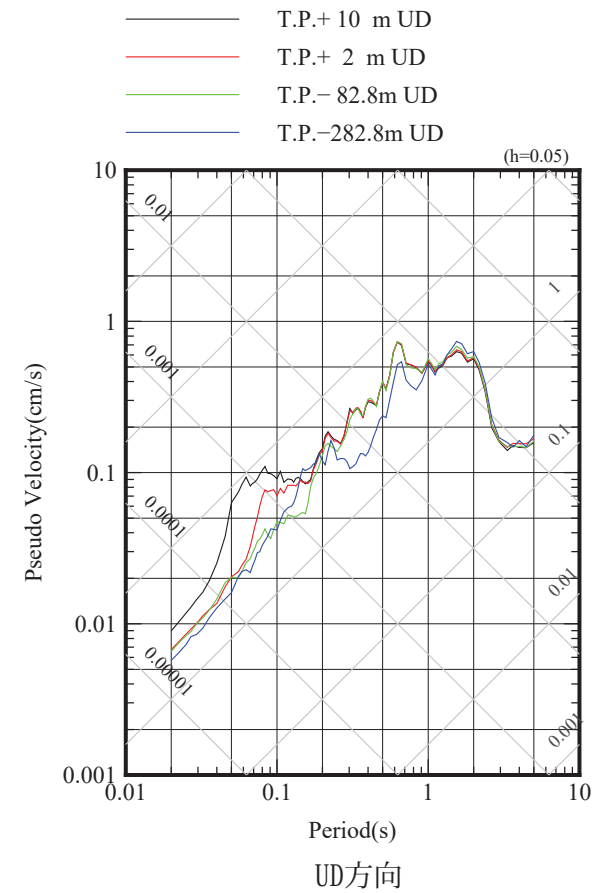
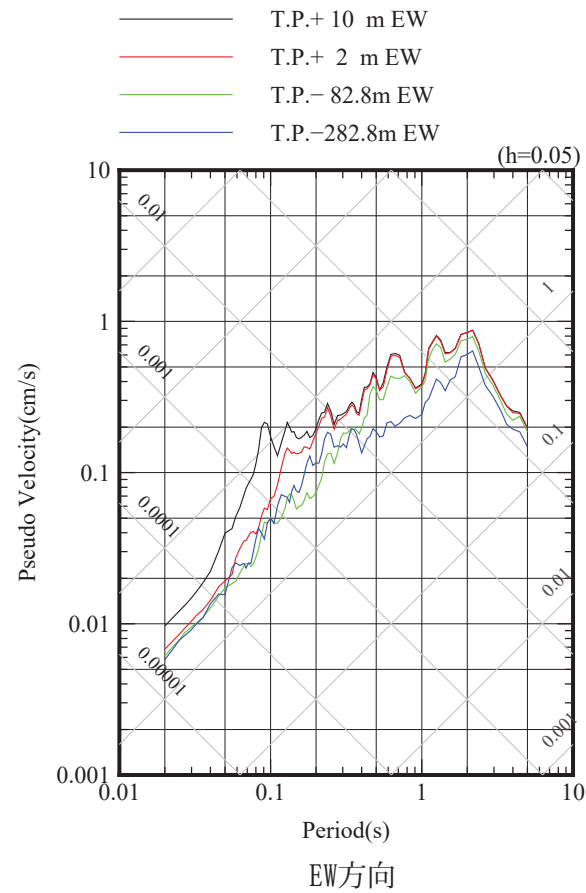
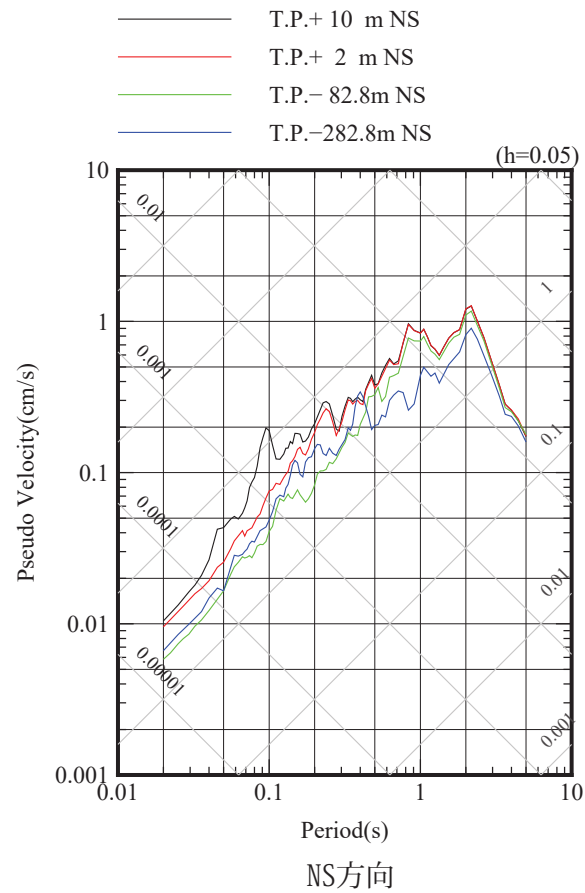
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2012/5/24 (0:2) M6.1, 深さ=59.6km, 震央距離=64km, 震源距離=87km



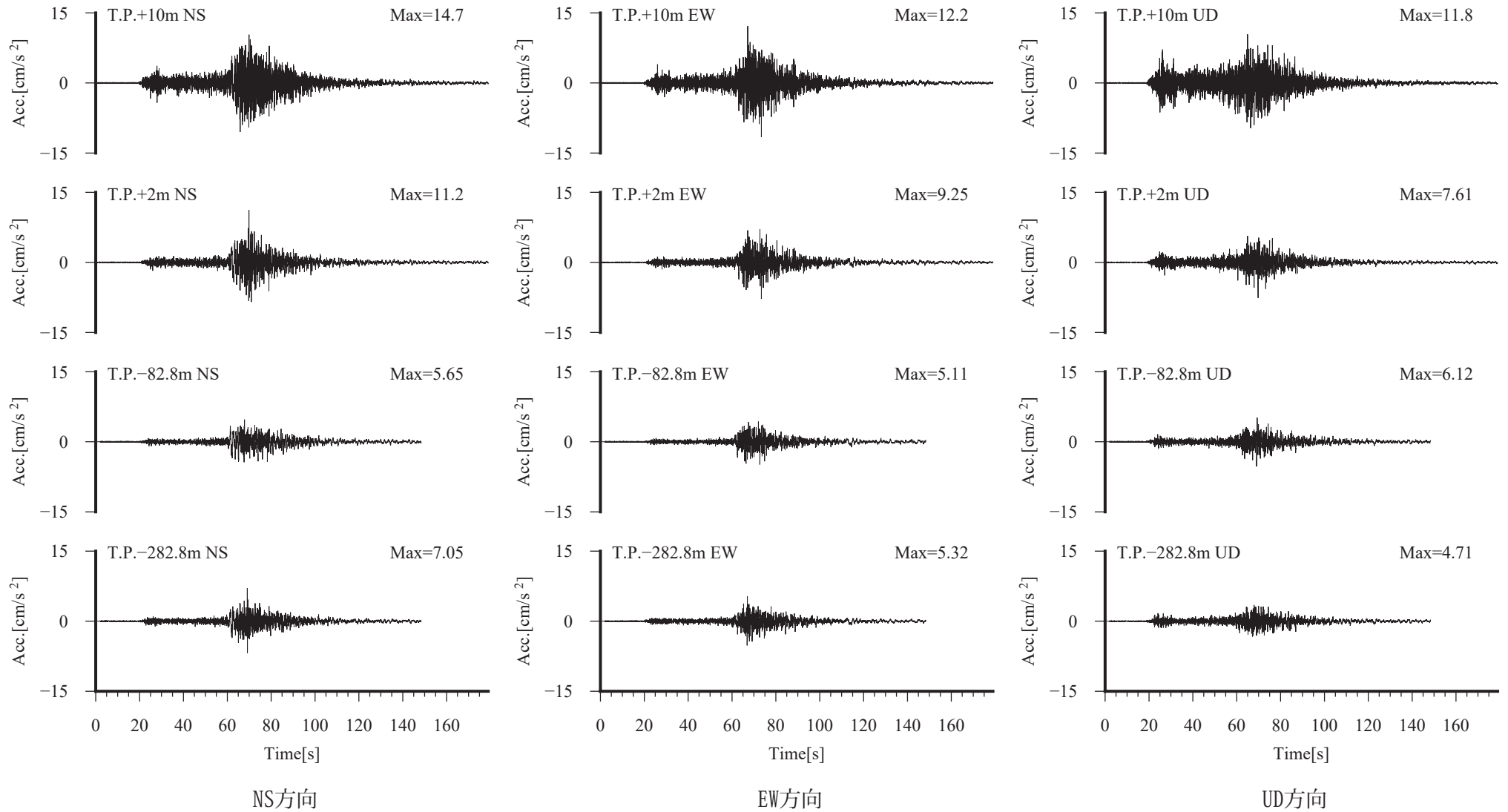
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2012/8/25 (23:16) M6.1, 深さ=49.1km, 震央距離=191km, 震源距離=197km



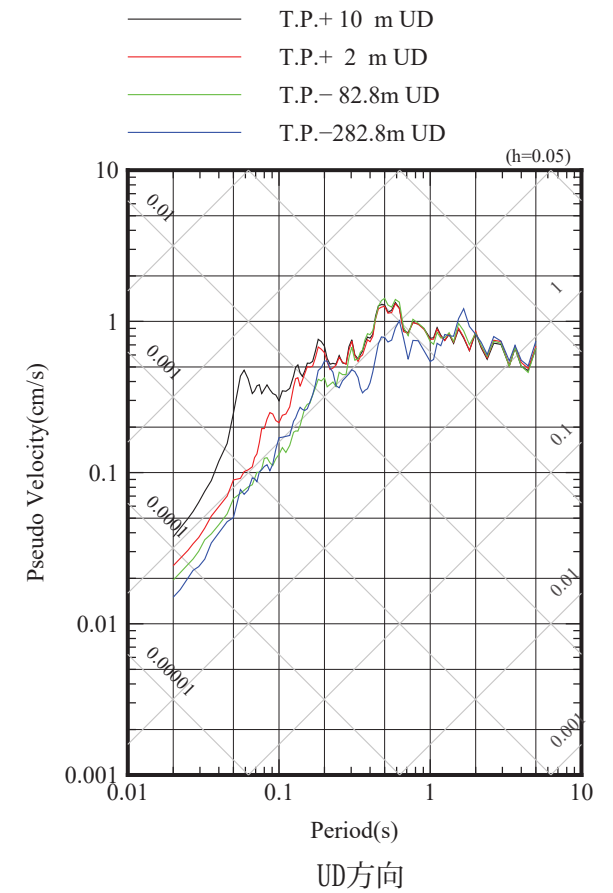
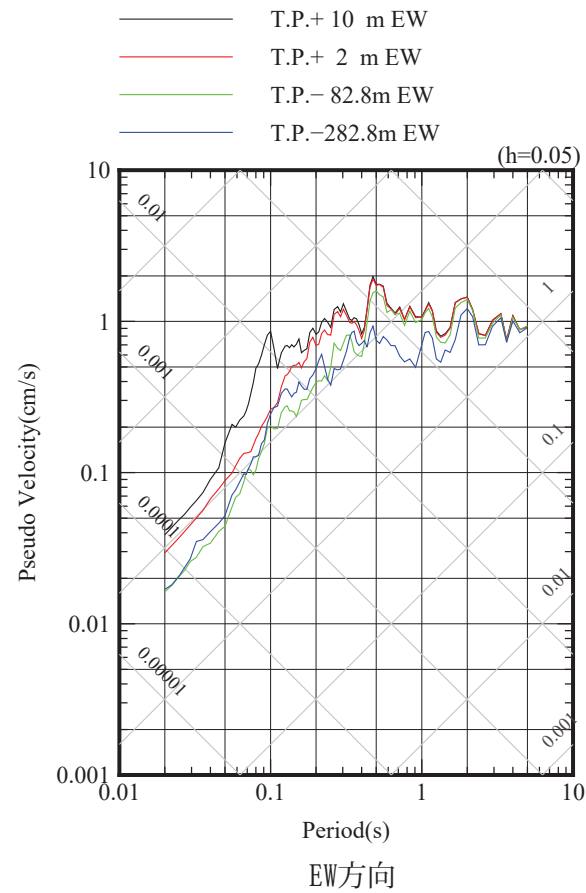
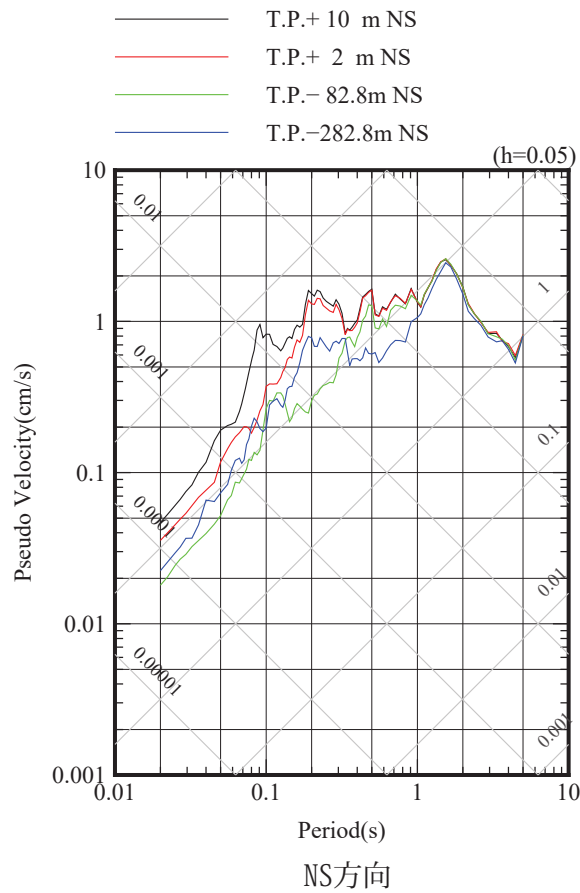
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2012/8/25 (23:16) M6.1, 深さ=49.1km, 震央距離=191km, 震源距離=197km



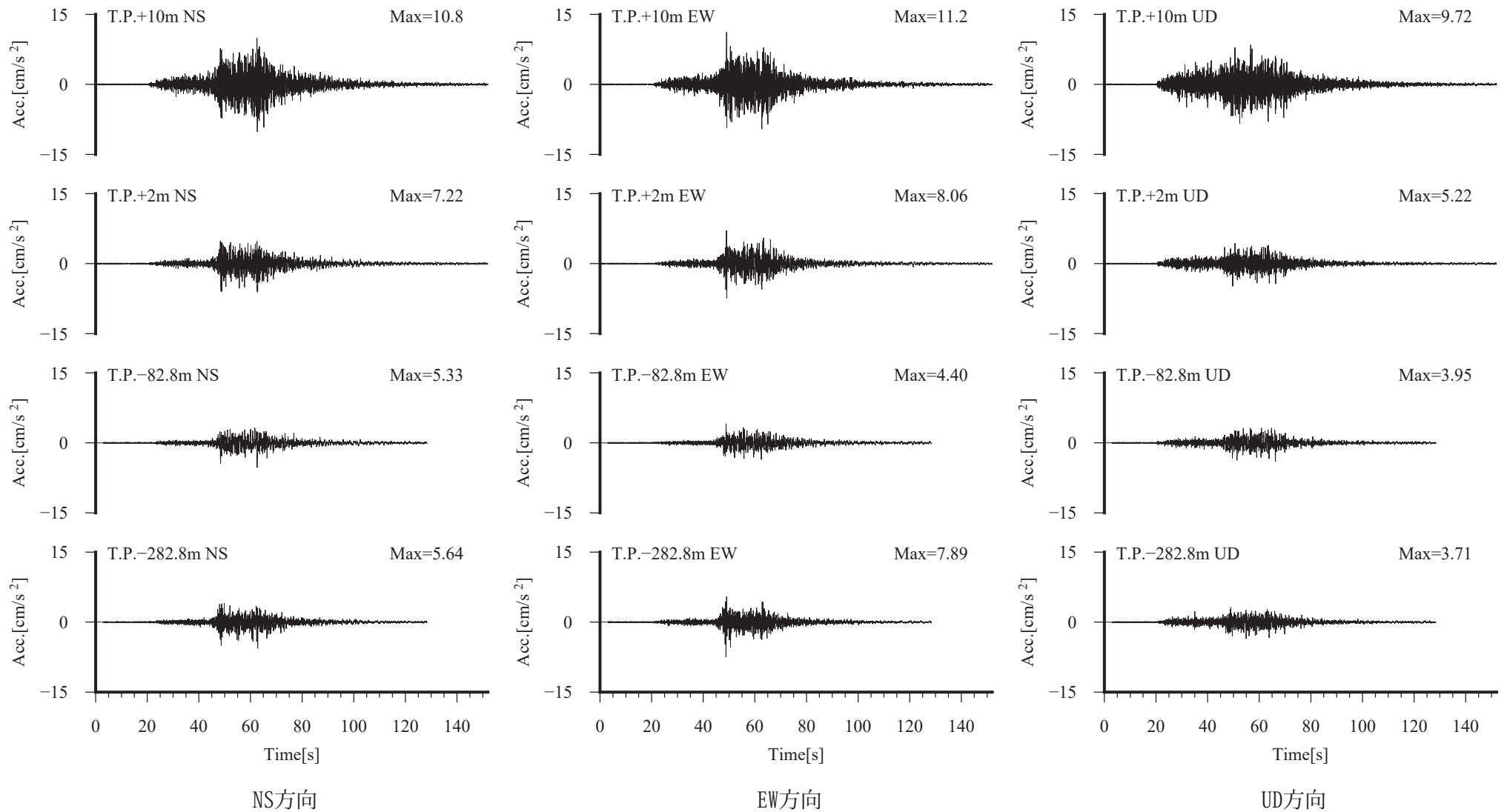
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2012/12/7 (17:18) M7.3, 深さ= 49 km, 震央距離=411km, 震源距離=414km



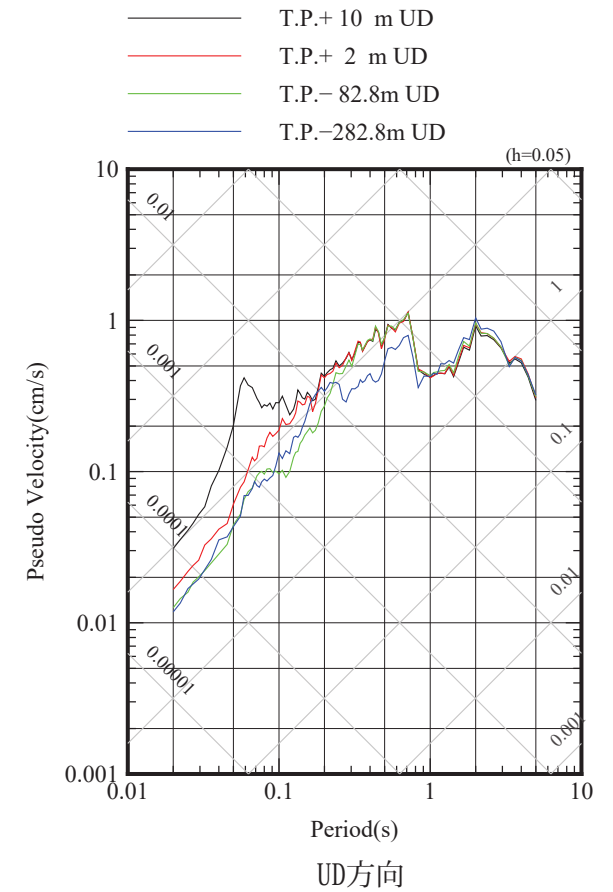
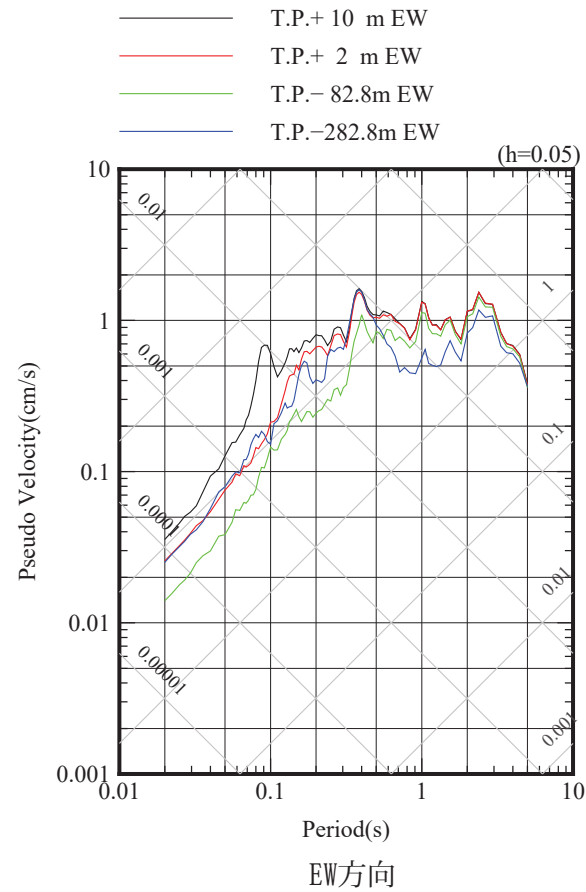
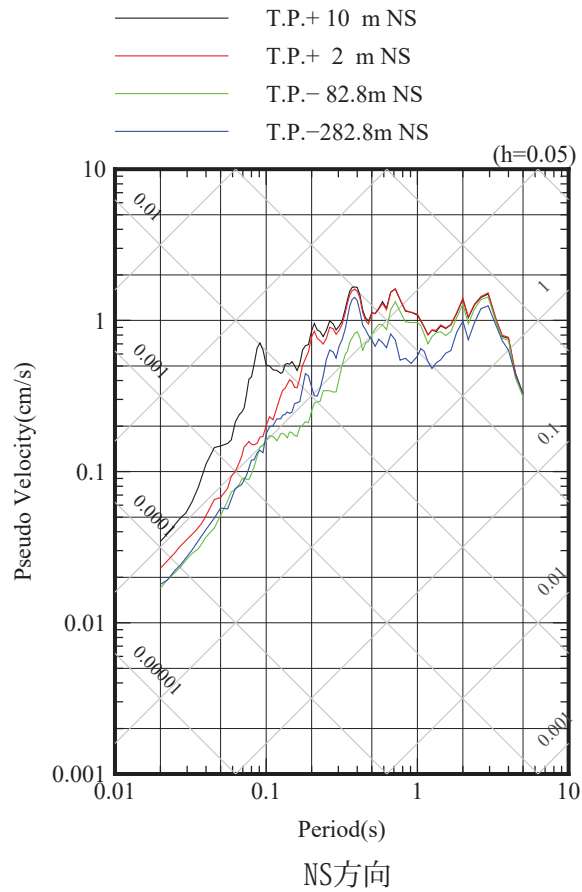
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2012/12/7 (17:18) M7.3, 深さ= 49 km, 震央距離=411km, 震源距離=414km



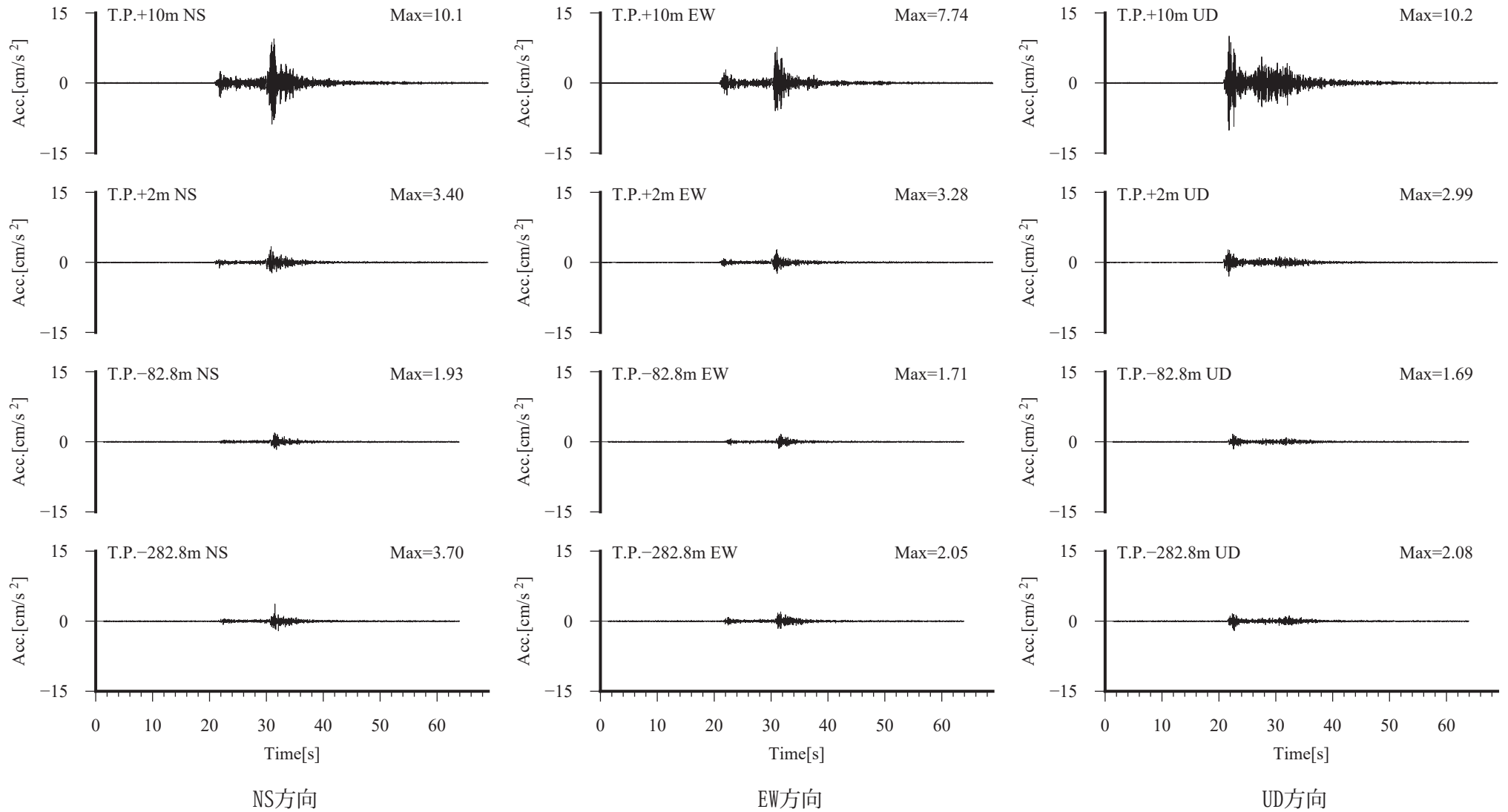
自由地盤 検討に用いた地震の加速度時刻歴波形

2013/2/2 (23:17) M6.5, 深さ=101.95km, 震央距離=227km, 震源距離=249km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

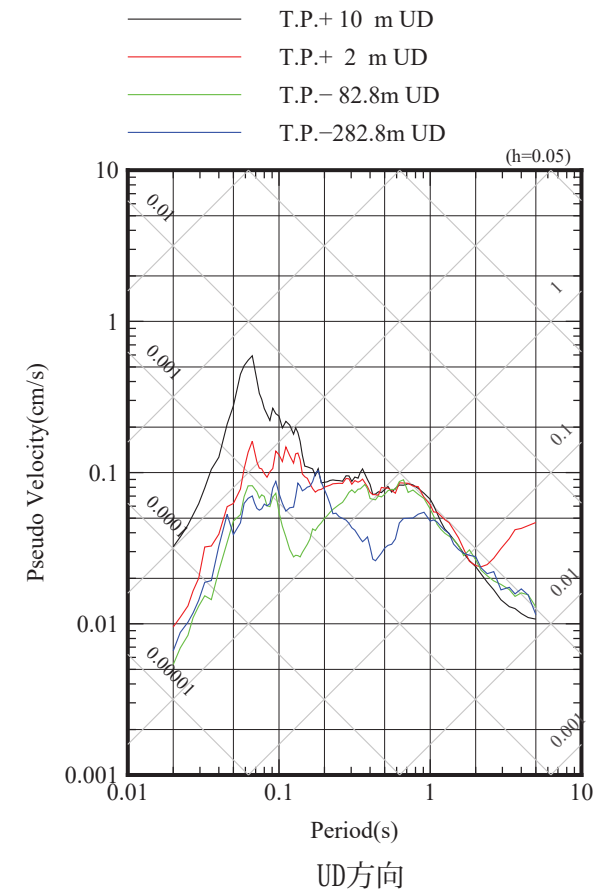
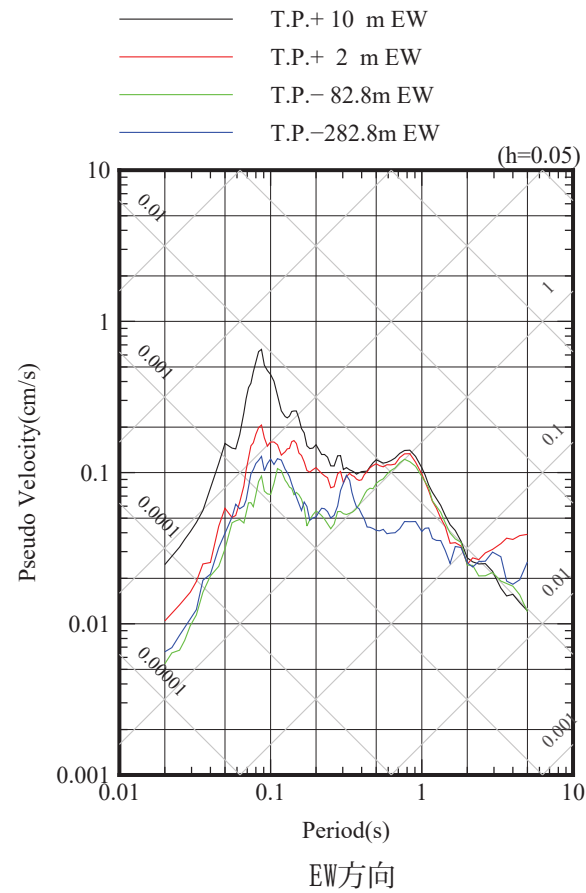
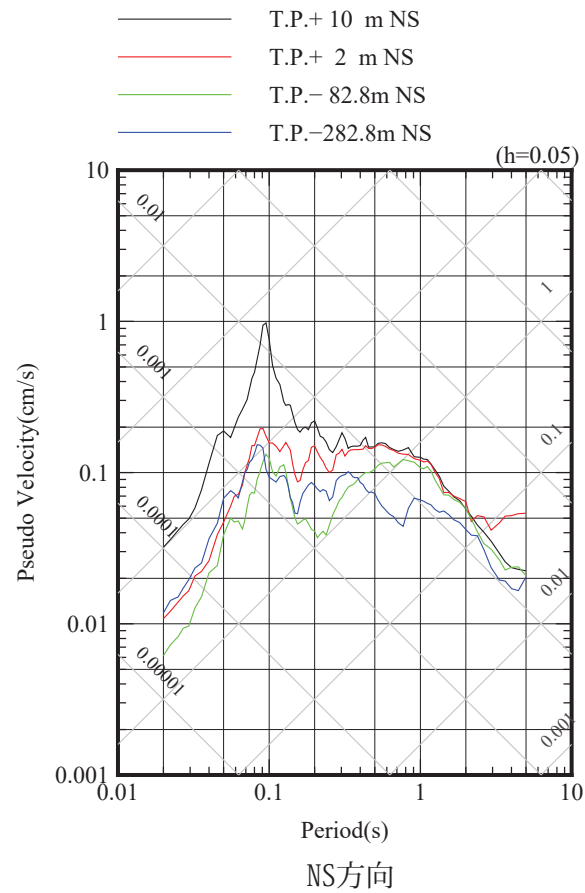
2013/2/2 (23:17) M6.5, 深さ=101.95km, 震央距離=227km, 震源距離=249km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

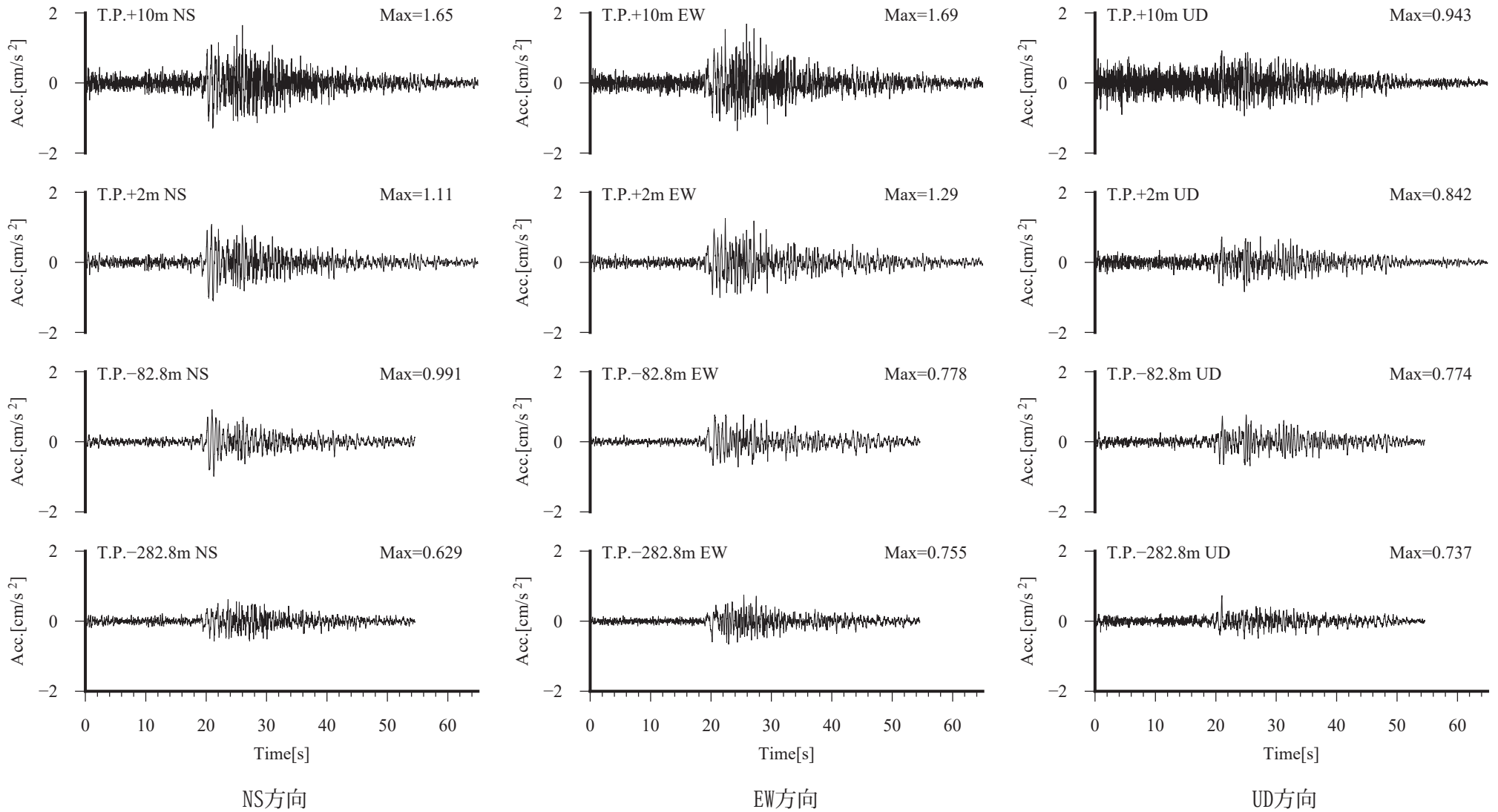
2014/6/9 (7:50) M4.6, 深さ=82.2km, 震央距離=32km, 震源距離=88km





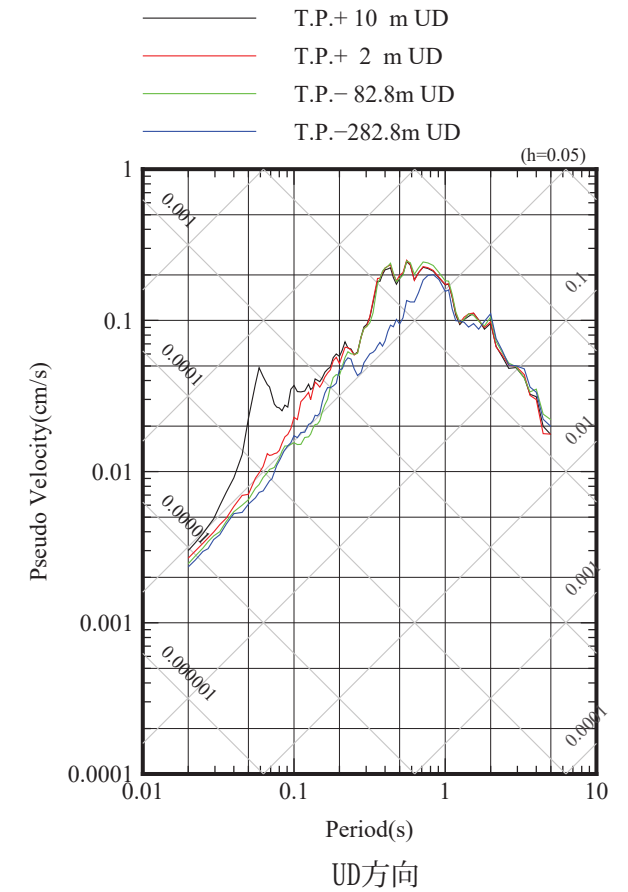
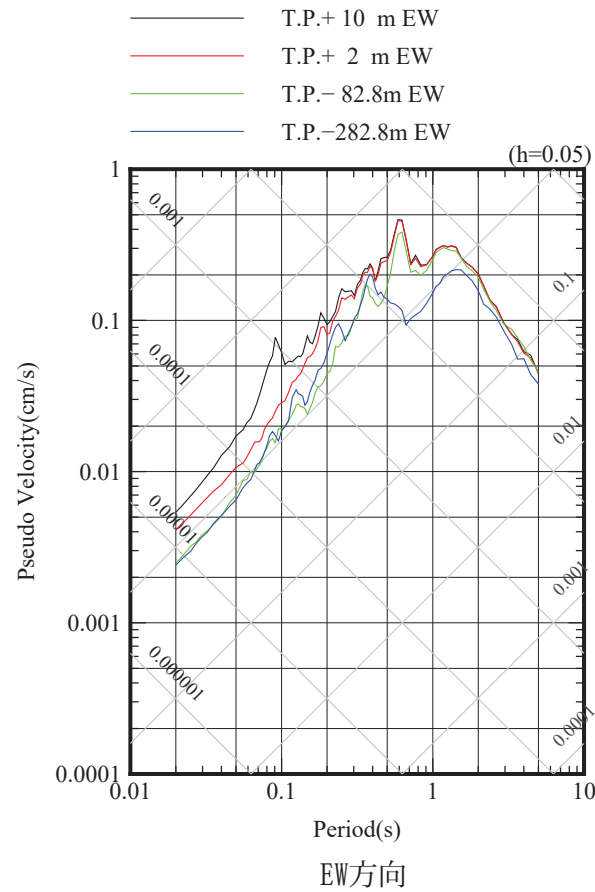
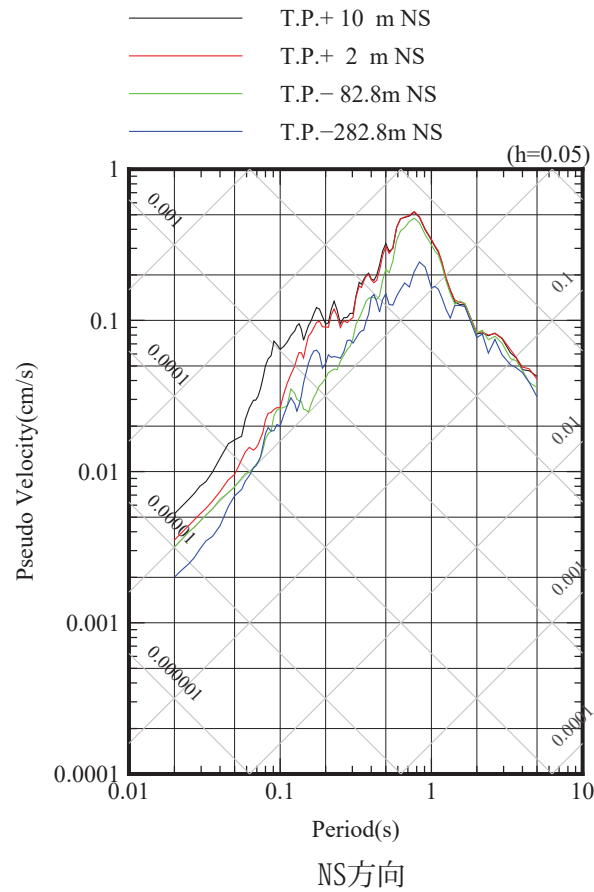
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2014/6/9 (7:50) M4.6, 深さ=82.2km, 震央距離=32km, 震源距離=88km



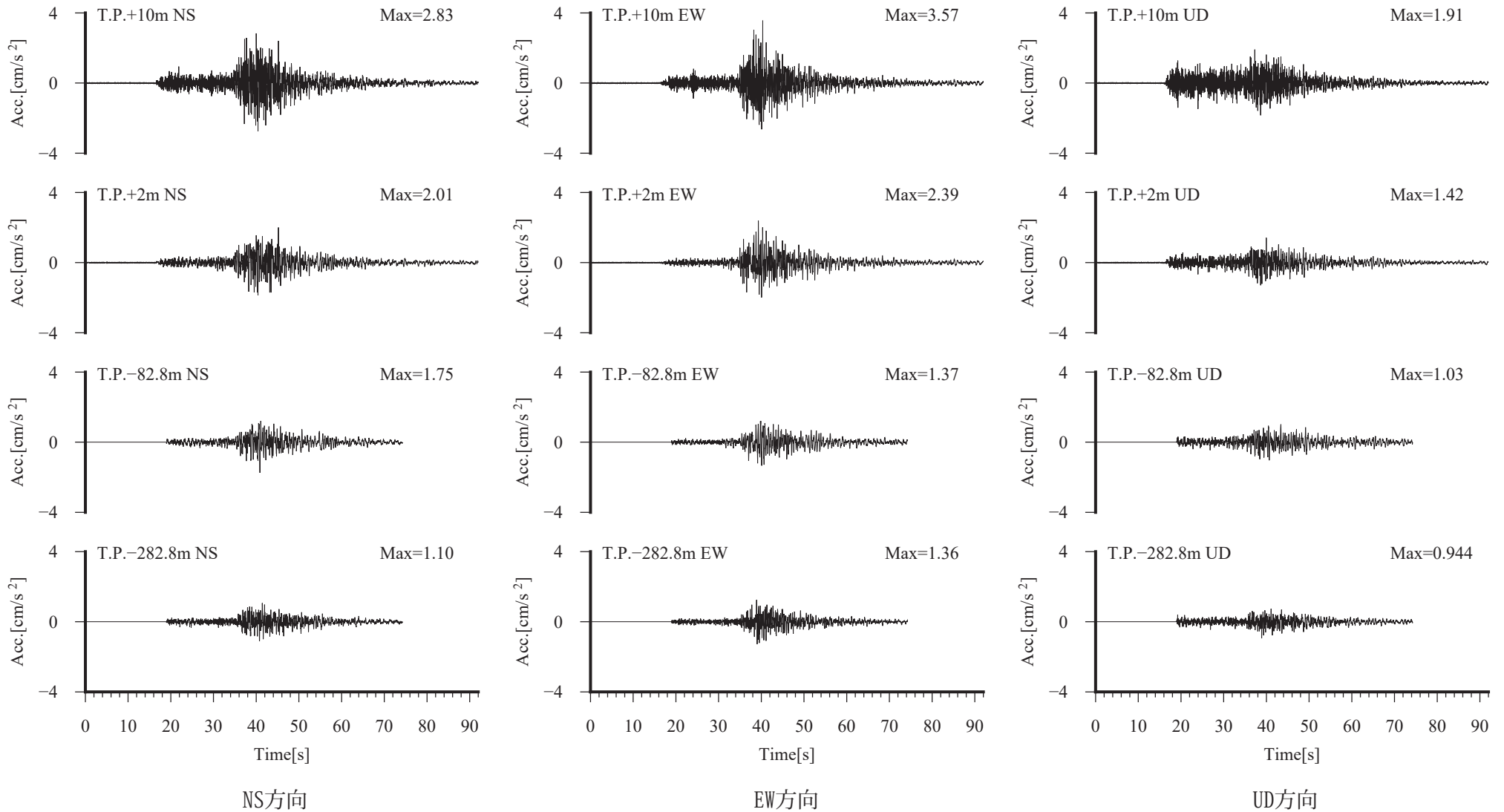
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2014/6/15 (2:31) M5.5, 深さ=93.9km, 震央距離=200km, 震源距離=221km



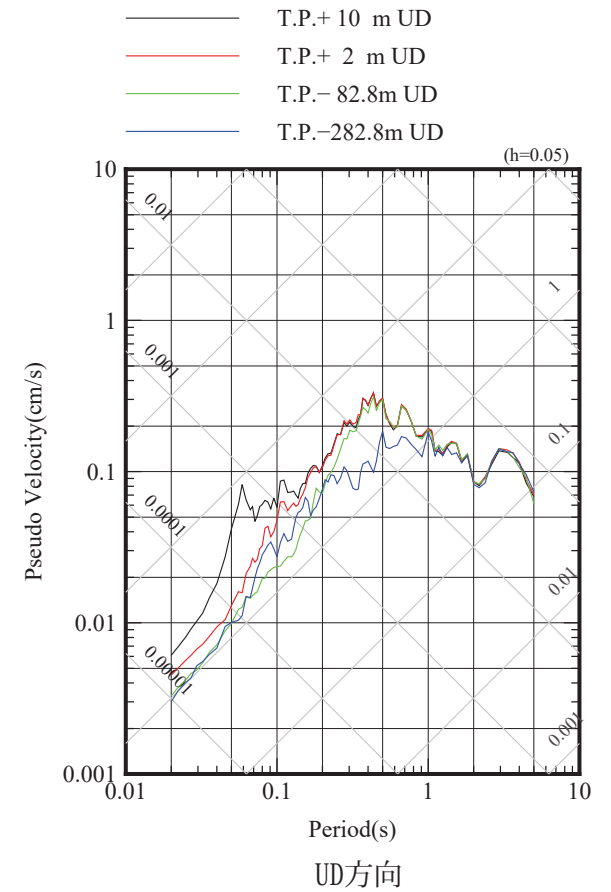
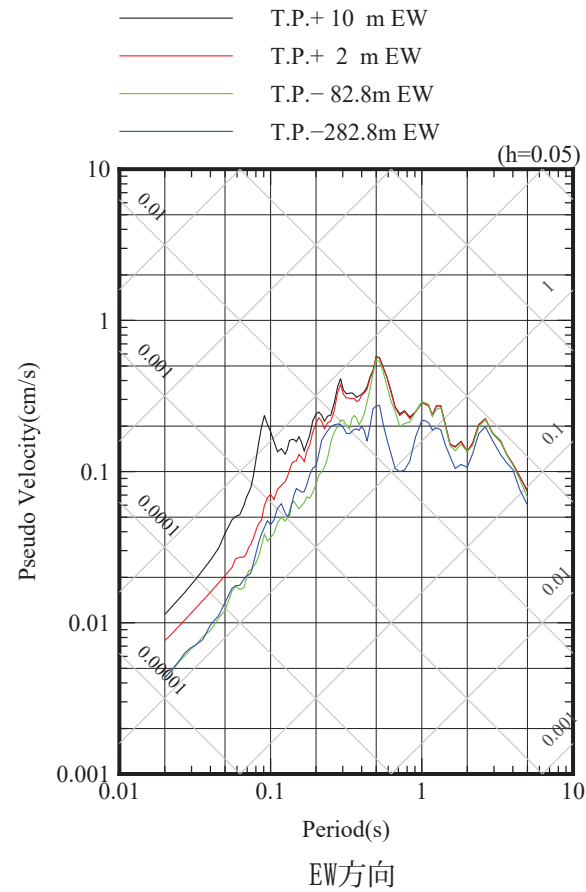
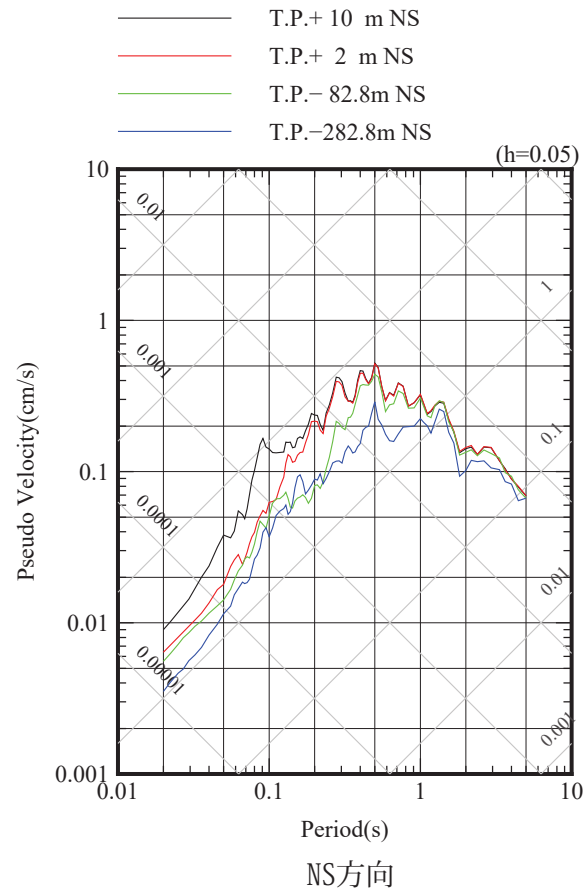
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2014/6/15 (2:31) M5.5, 深さ=93.9km, 震央距離=200km, 震源距離=221km



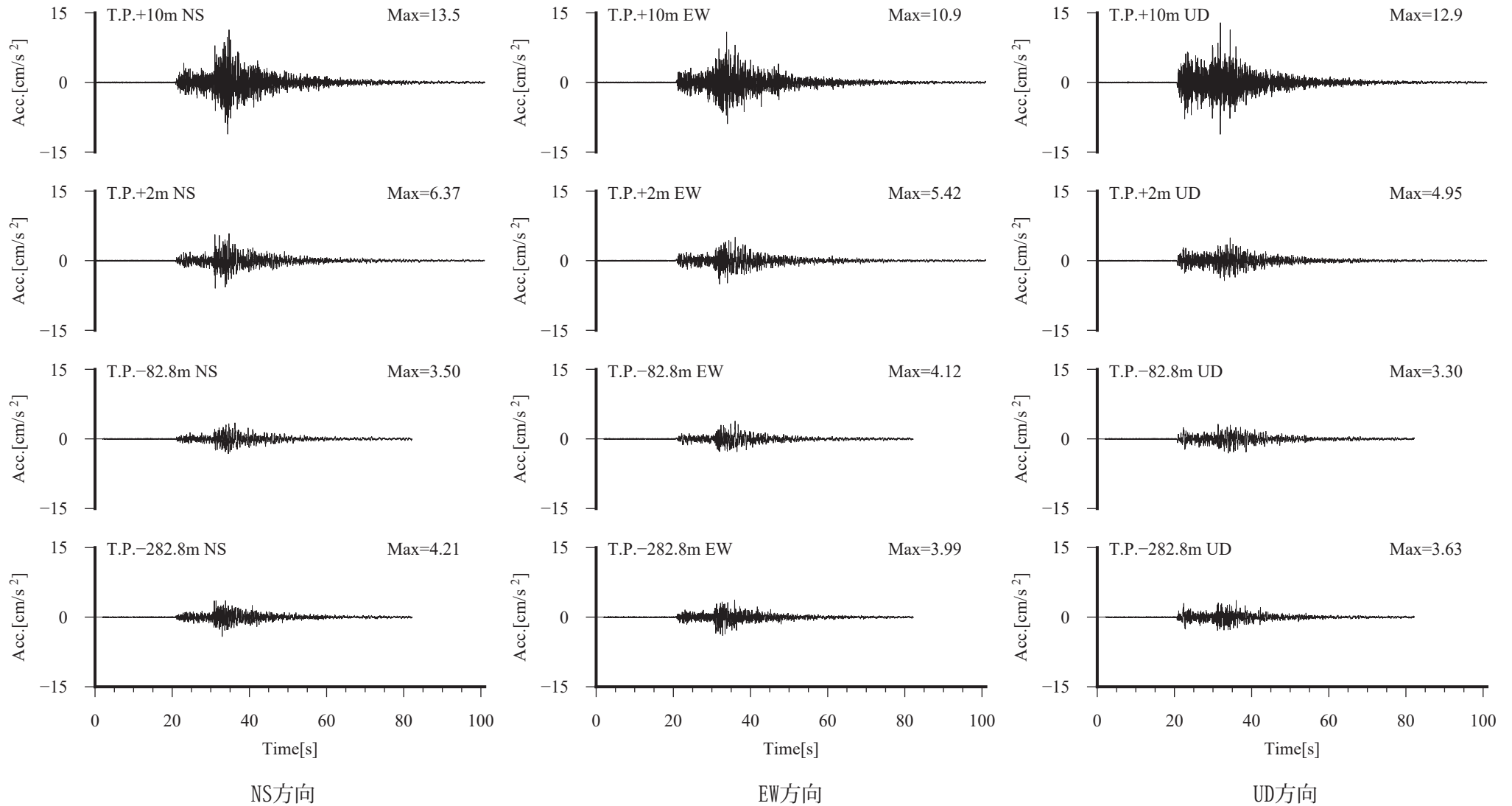
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2014/7/5 (7:42) M5.9, 深さ=49.07km, 震央距離=179km, 震源距離=186km



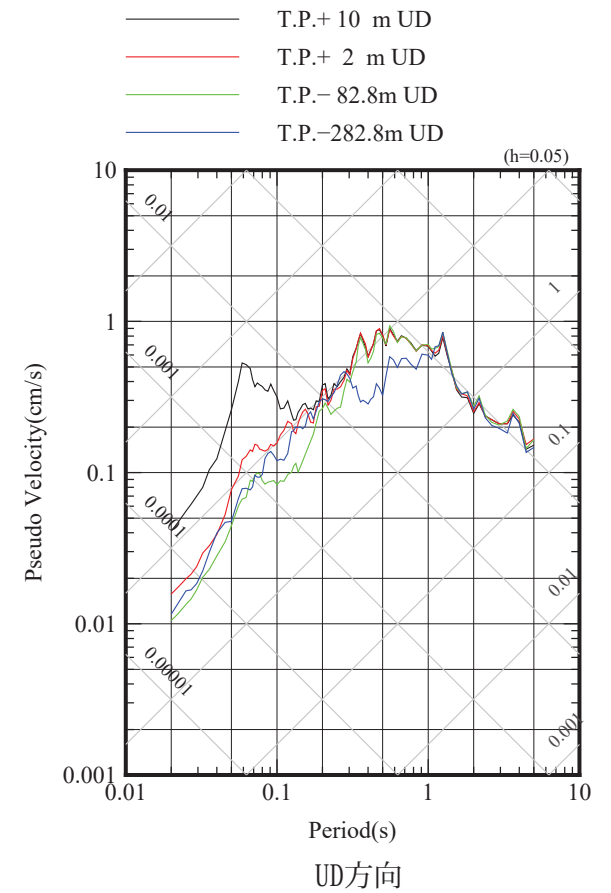
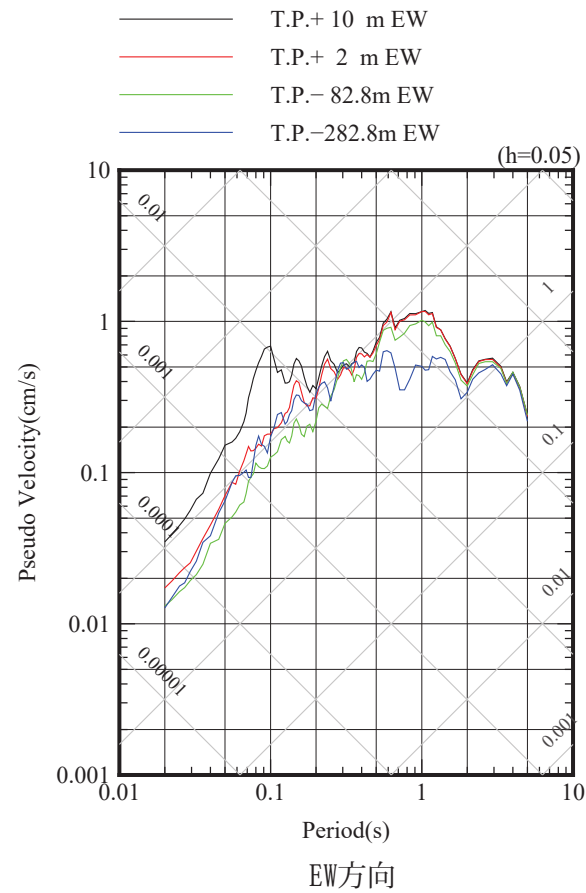
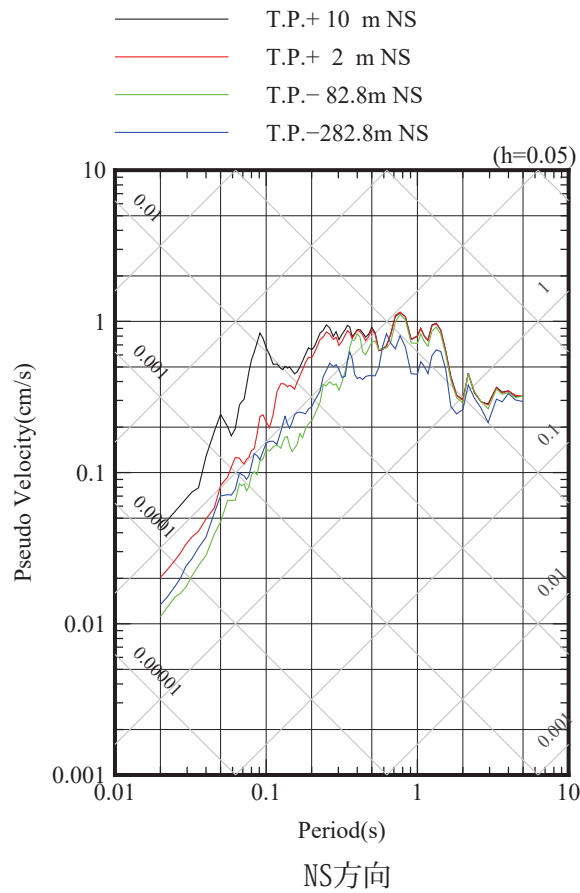
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2014/7/5 (7:42) M5.9, 深さ=49.07km, 震央距離=179km, 震源距離=186km



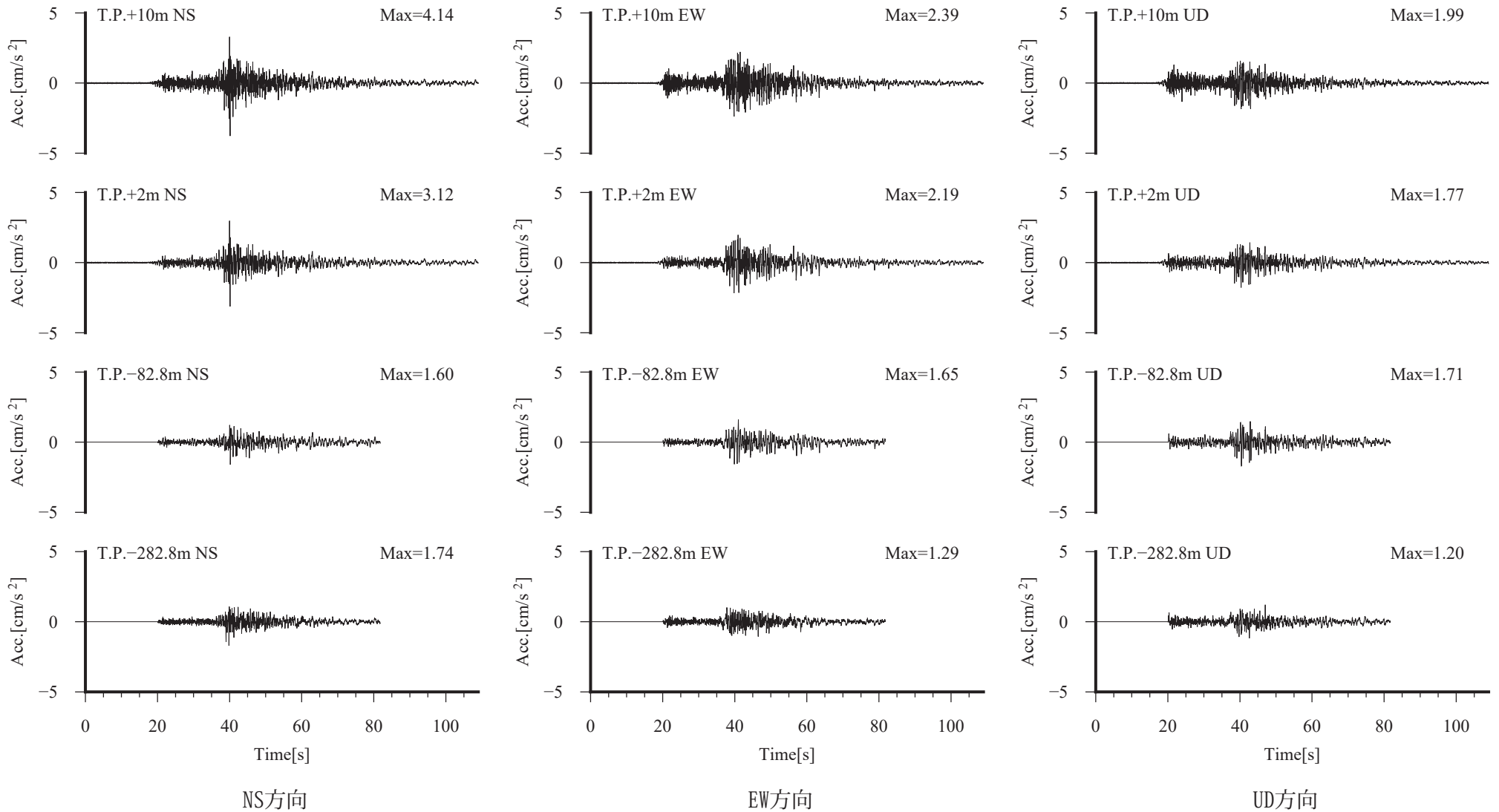
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2014/8/10 (12:43) M6.1, 深さ=50.56km, 震央距離=75km, 震源距離=90km



### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

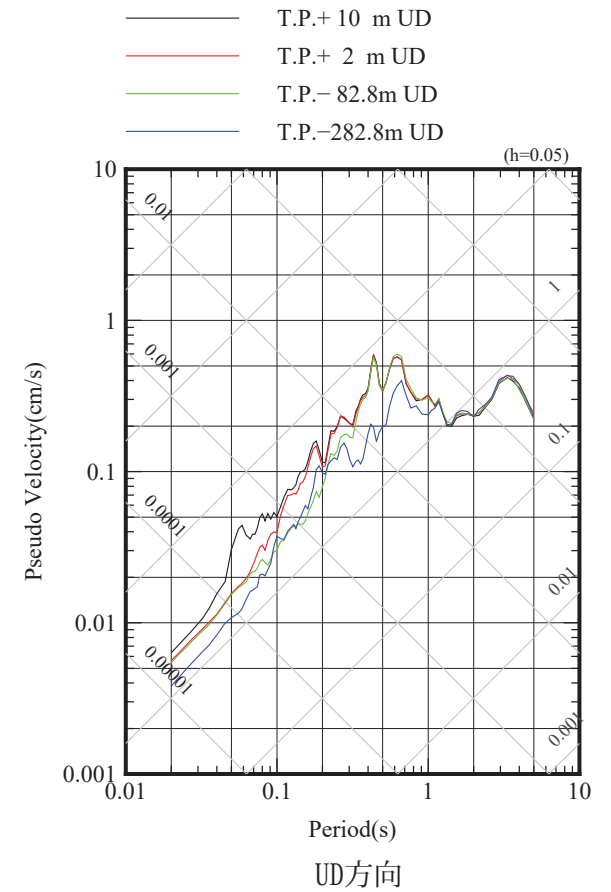
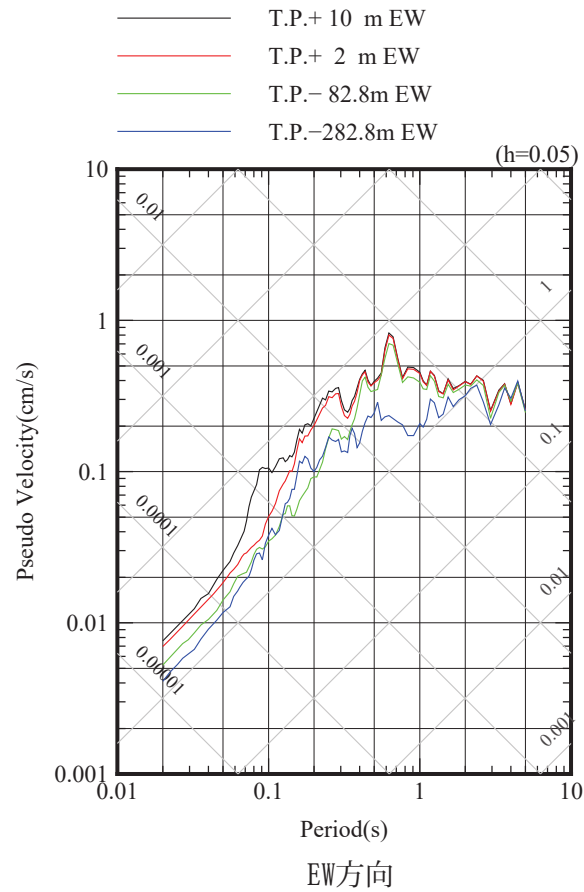
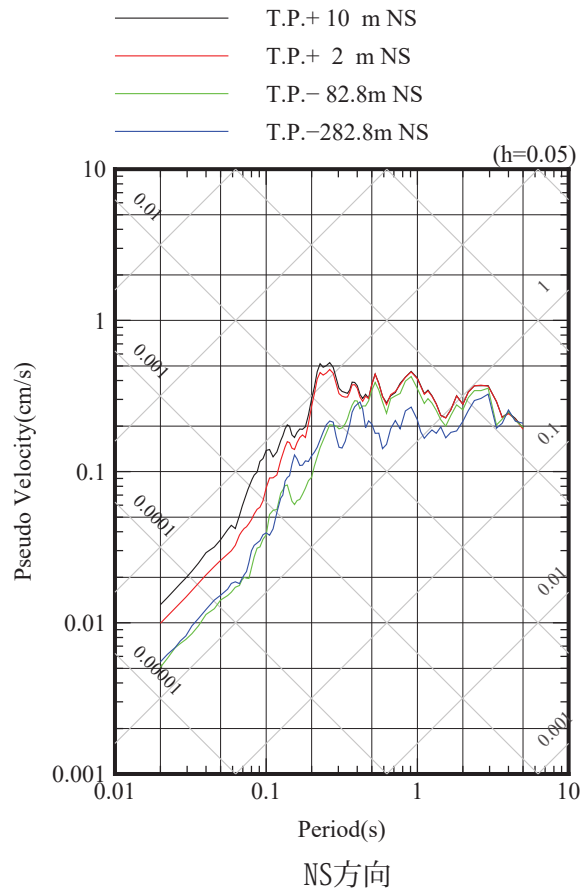
2014/8/10 (12:43) M6.1, 深さ=50.56km, 震央距離=75km, 震源距離=90km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

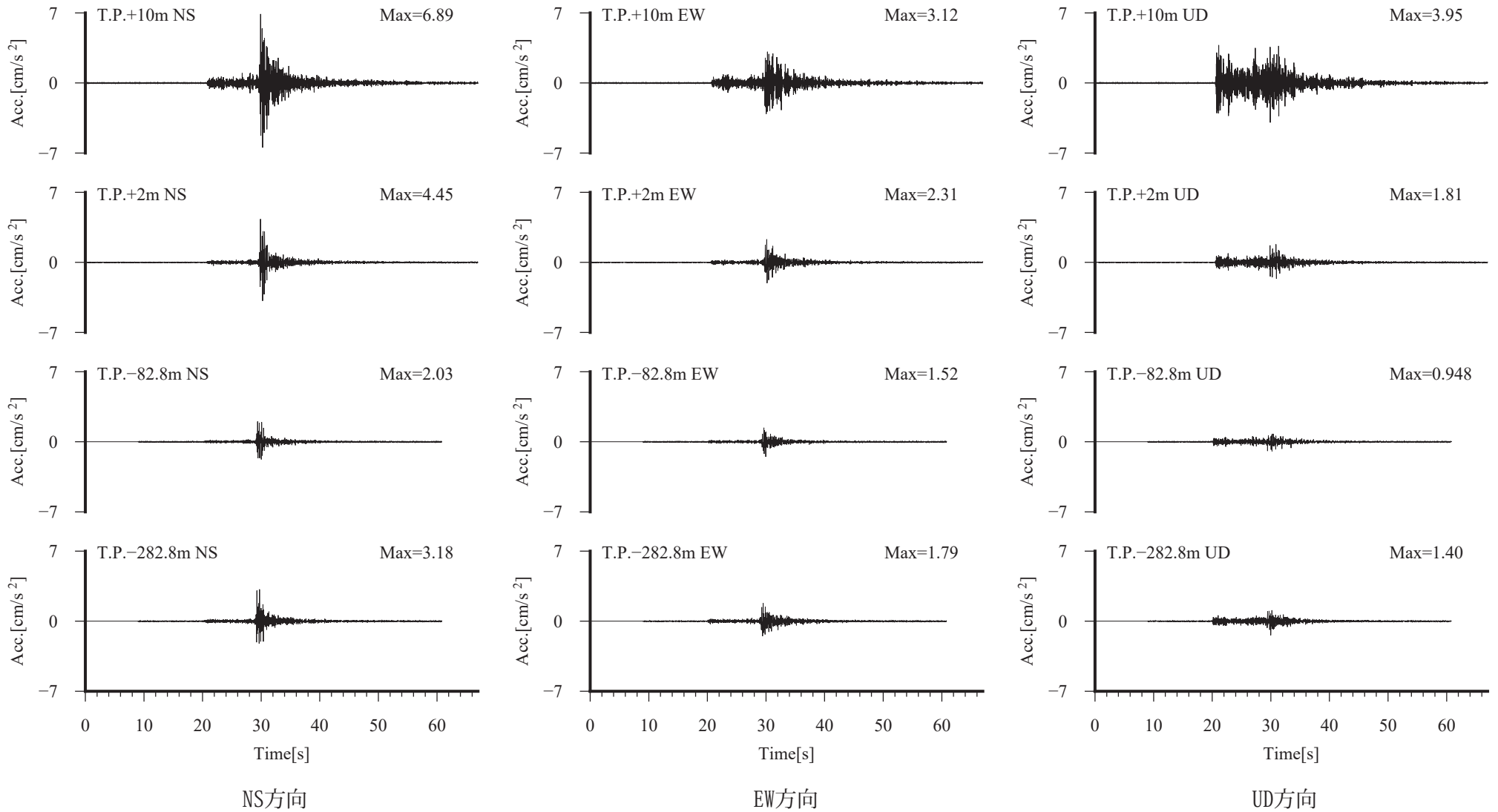
2014/10/11 (11:35) M6.1, 深さ= 36 km, 震央距離=158km, 震源距離=162km





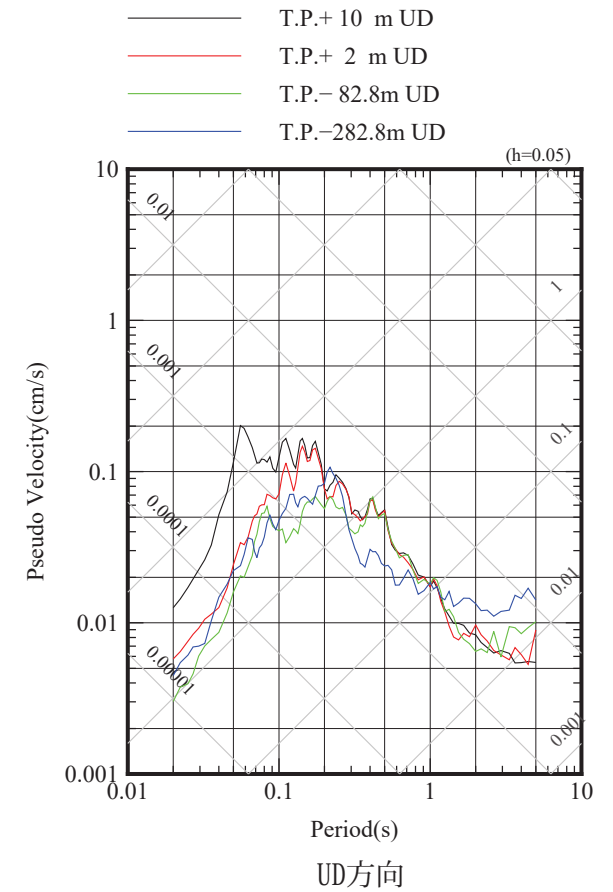
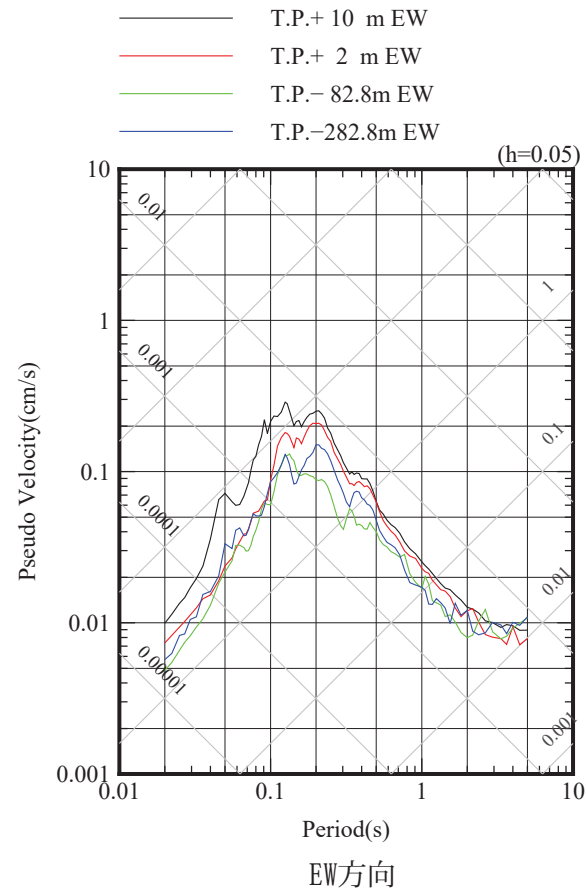
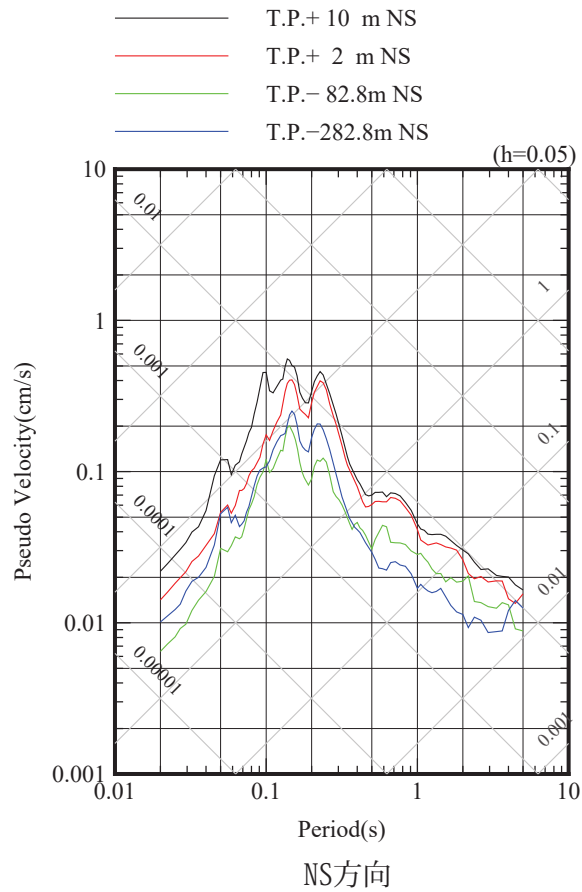
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2014/10/11 (11:35) M6.1, 深さ= 36 km, 震央距離=158km, 震源距離=162km



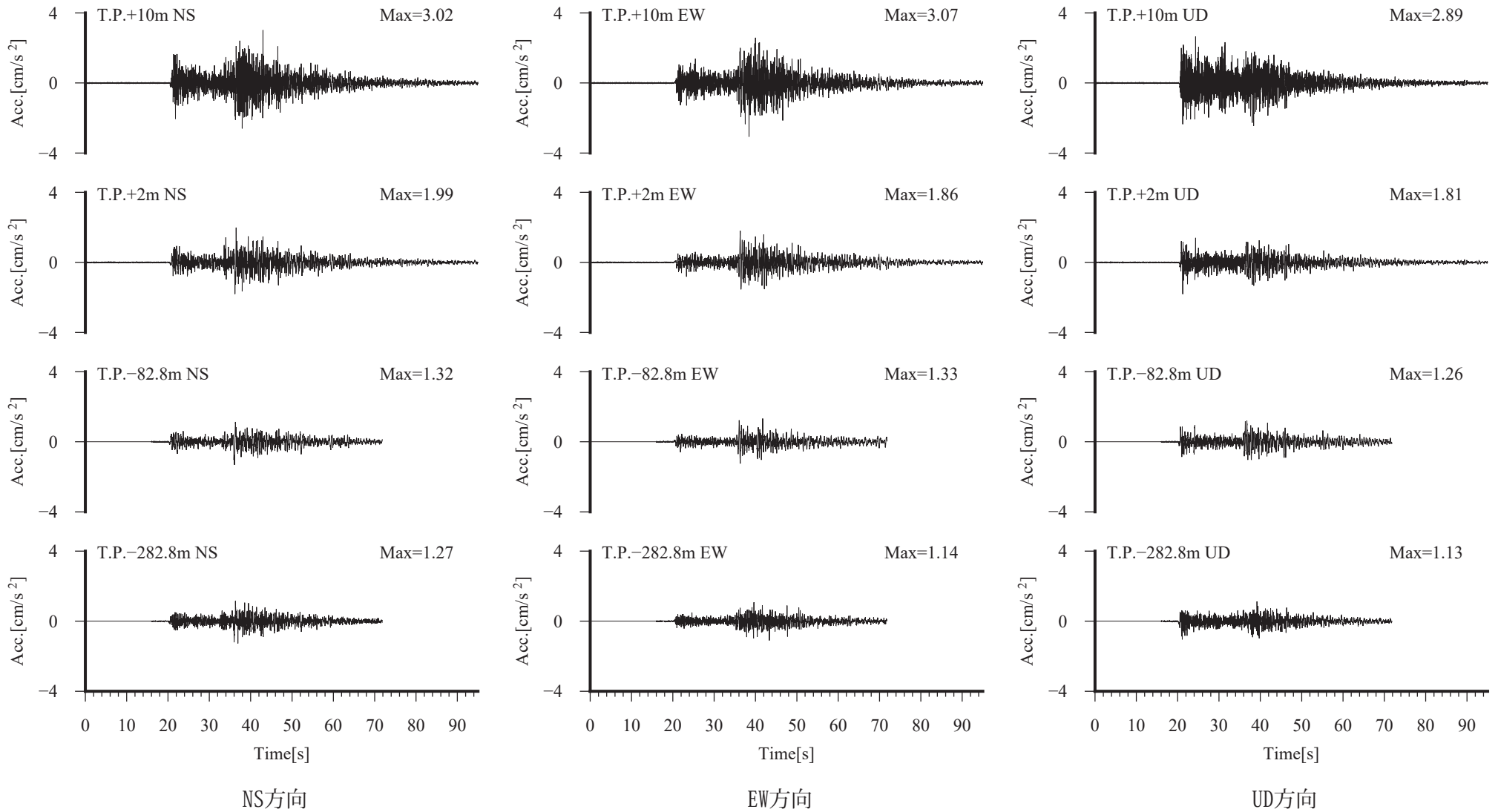
自由地盤 検討に用いた地震の加速度時刻歴波形

2014/10/14 (6:24) M4.4, 深さ=80.93km, 震央距離=36km, 震源距離=89km



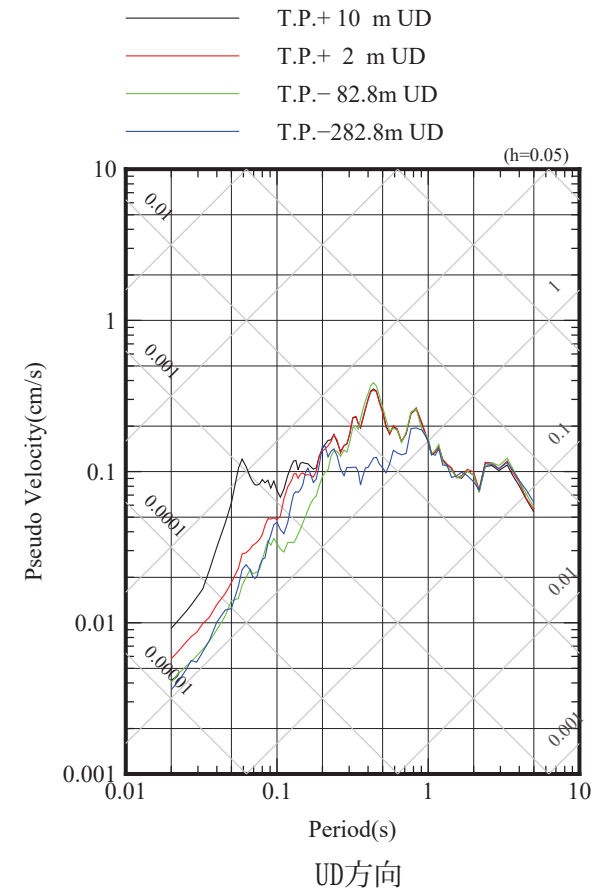
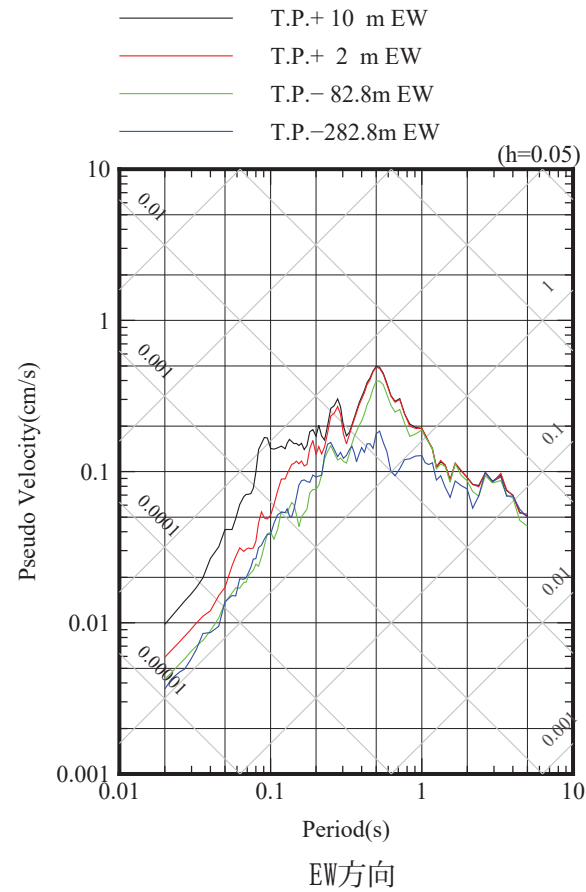
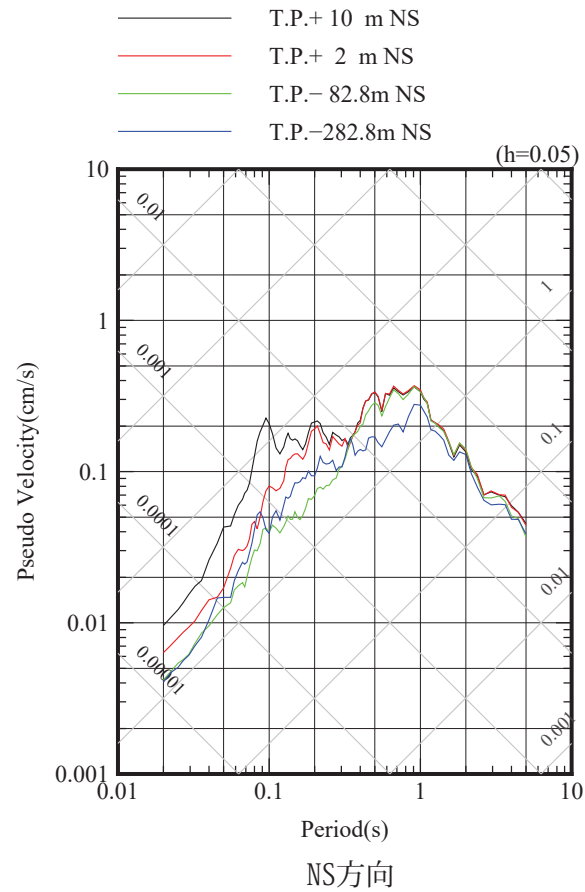
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2014/10/14 (6:24) M4.4, 深さ=80.93km, 震央距離=36km, 震源距離=89km



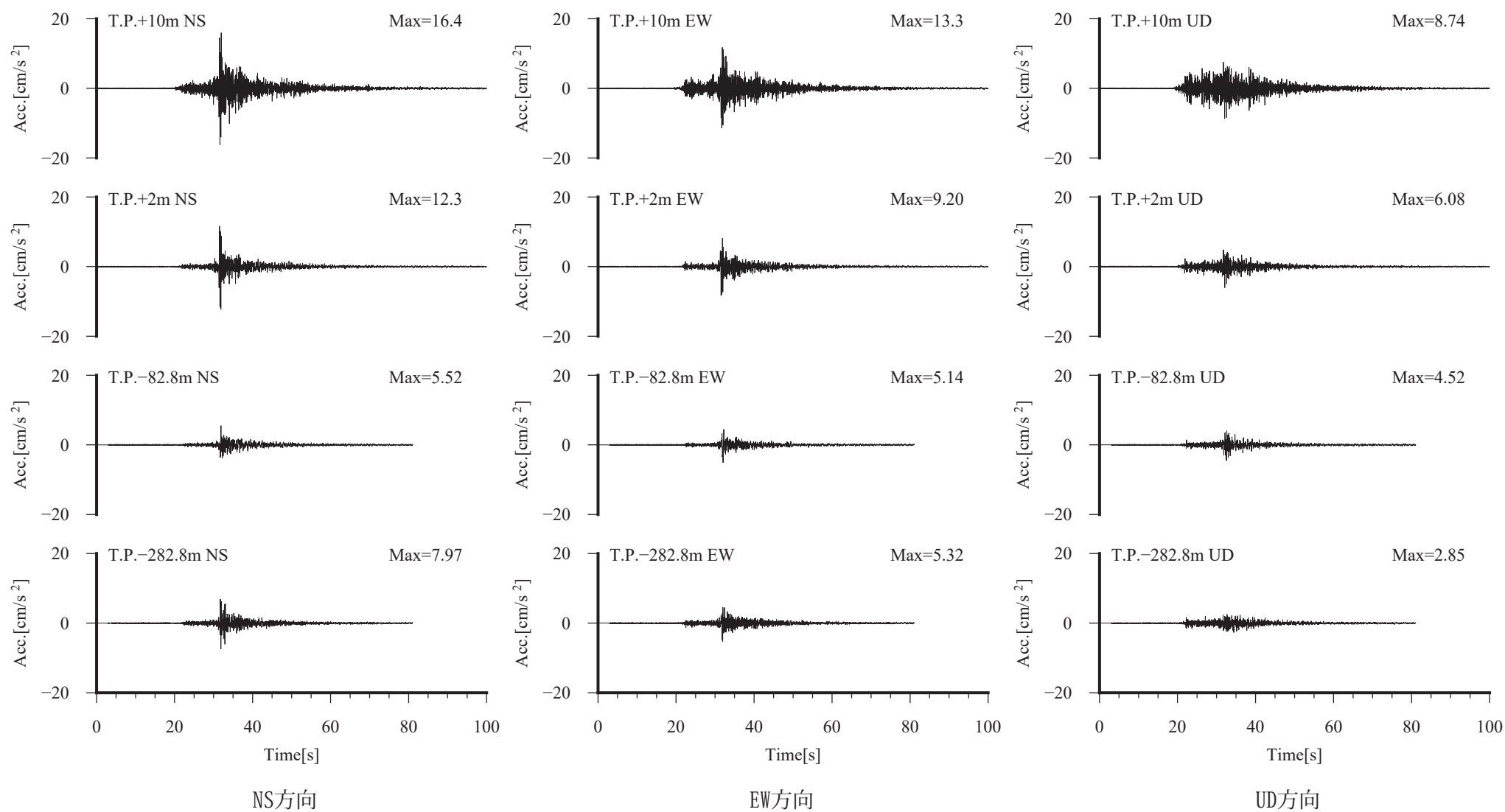
自由地盤 検討に用いた地震の加速度時刻歴波形

2015/2/17 (13:46) M5.7, 深さ=49.52km, 震央距離=137km, 震源距離=146km



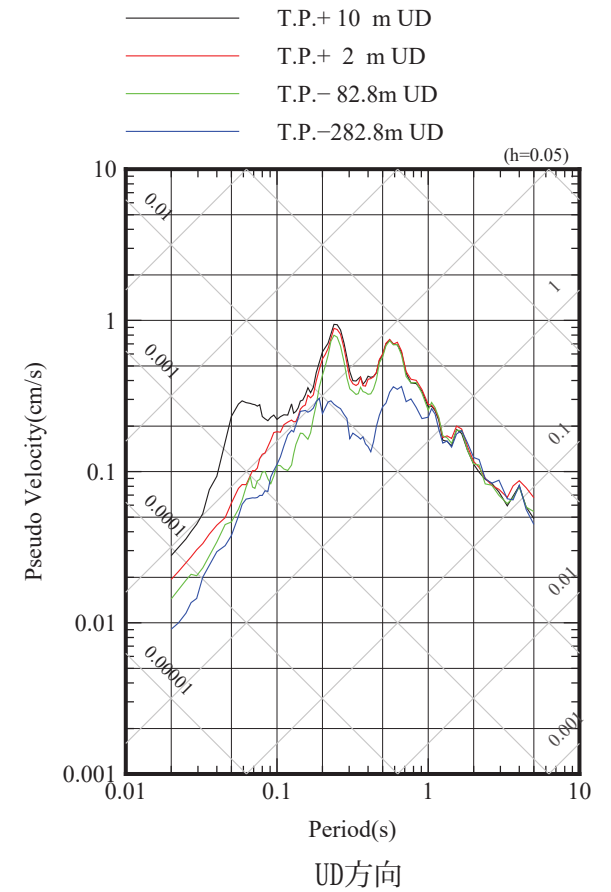
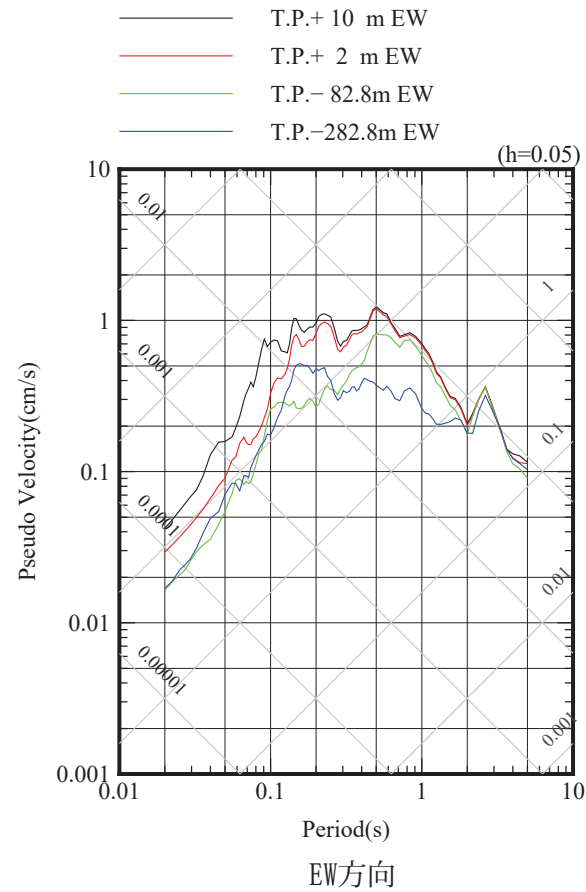
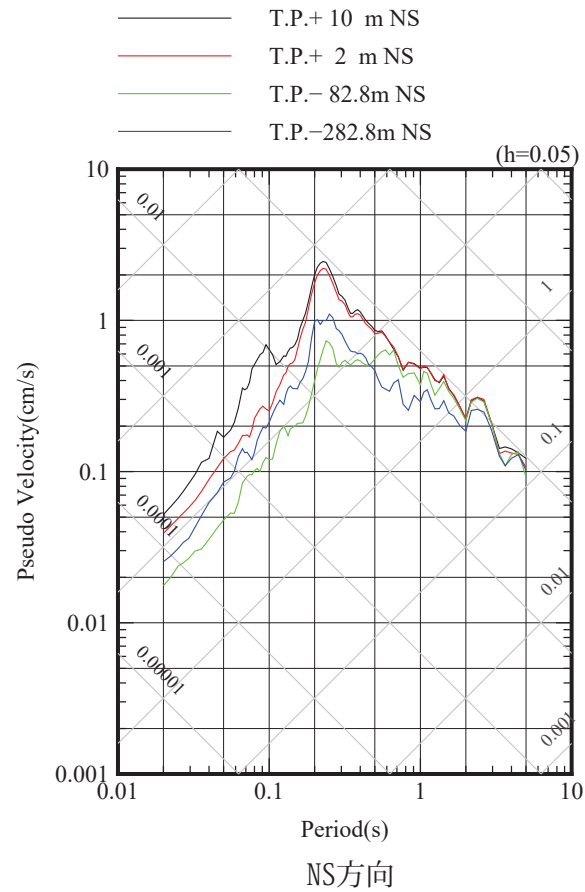
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2015/2/17 (13:46) M5.7, 深さ=49.52km, 震央距離=137km, 震源距離=146km



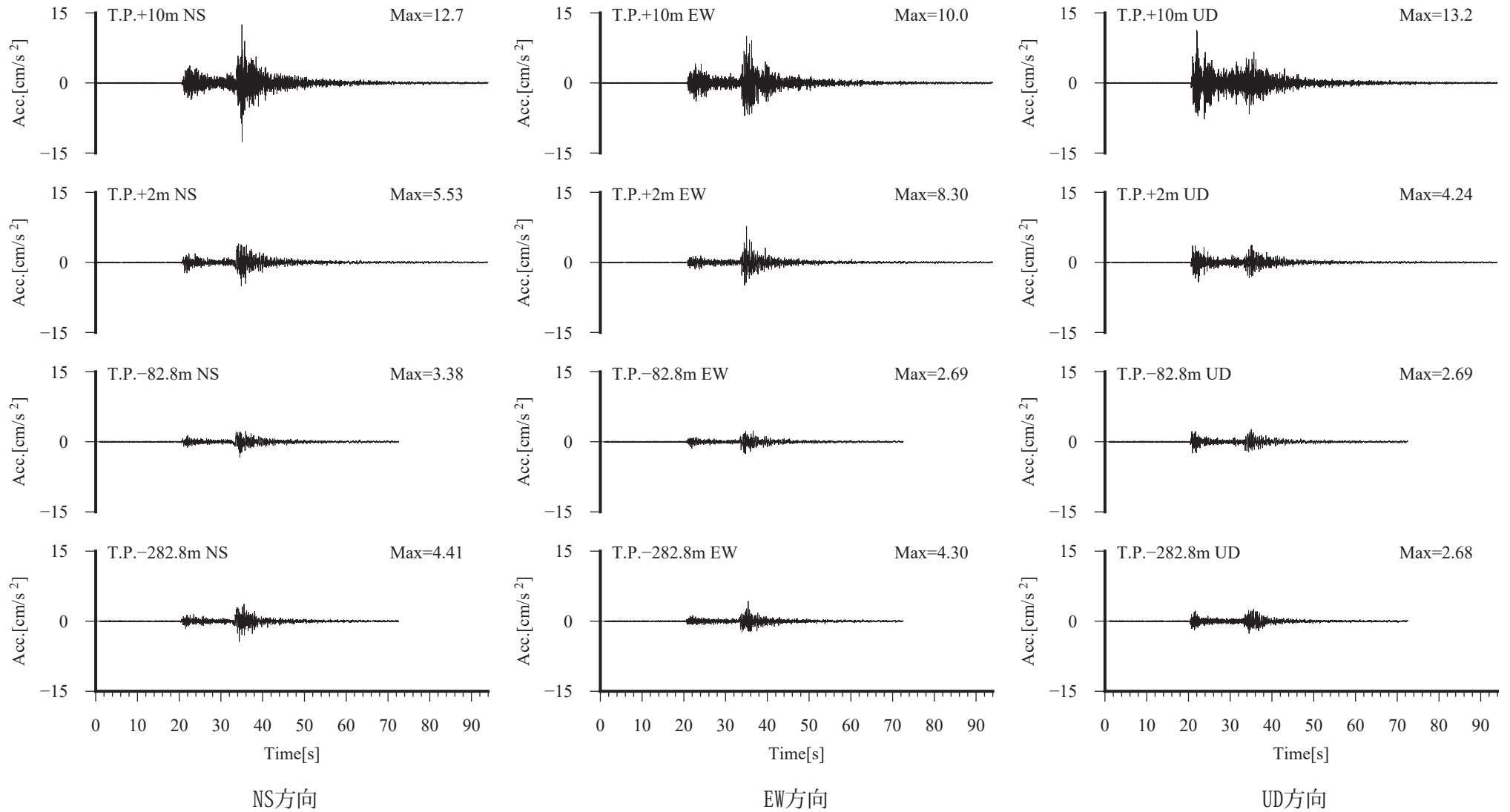
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2015/6/8 (15:1) M5.6, 深さ=66.07km, 震央距離=61km, 震源距離=90km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

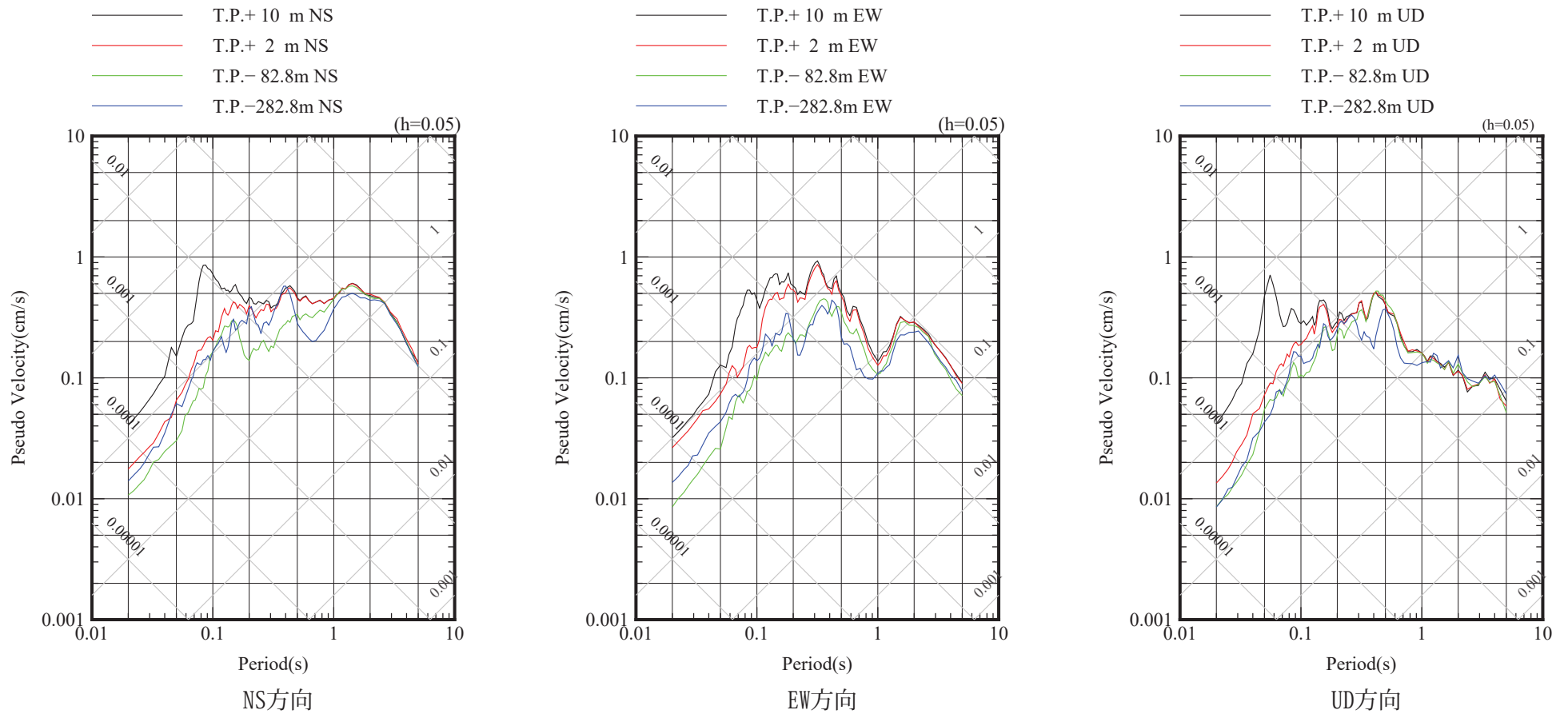
2015/6/8 (15:1) M5.6, 深さ=66.07km, 震央距離=61km, 震源距離=90km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

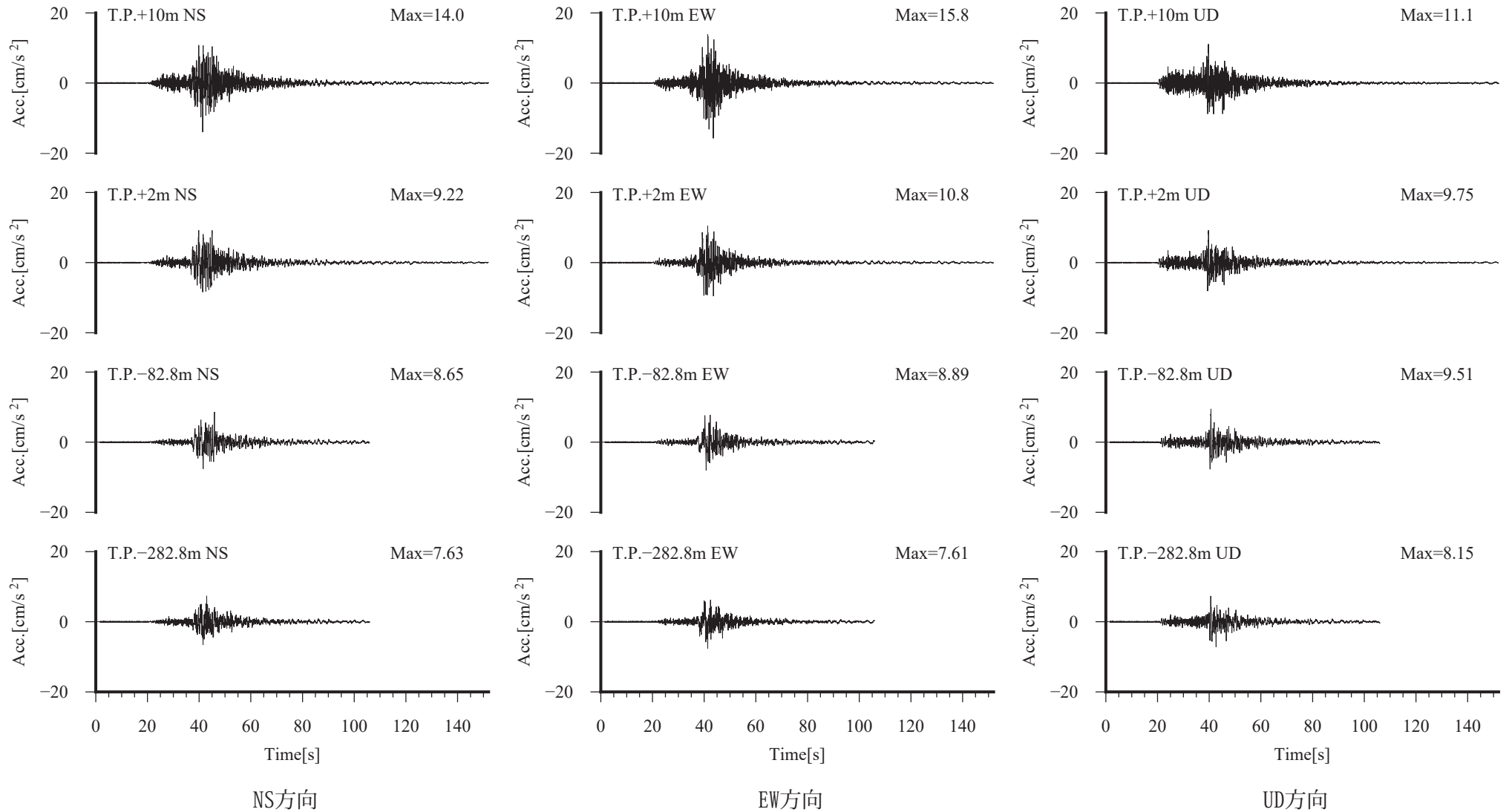
2015/7/10 (3:32) M5.7, 深さ=88.01km, 震央距離=94km, 震源距離=129km





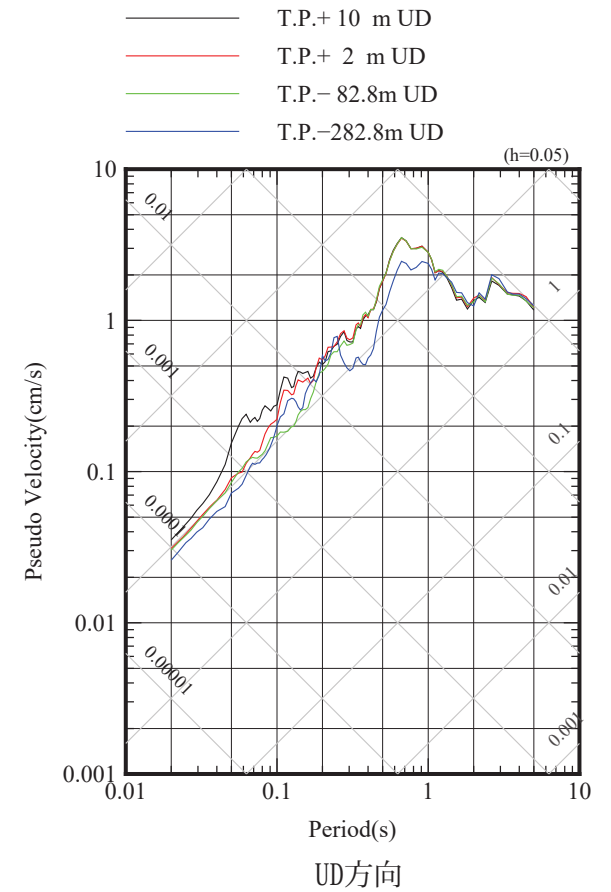
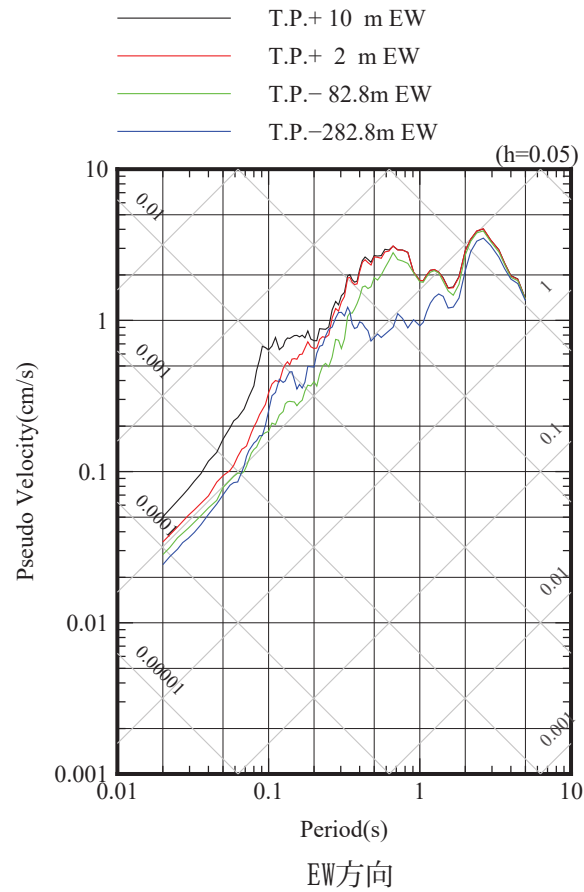
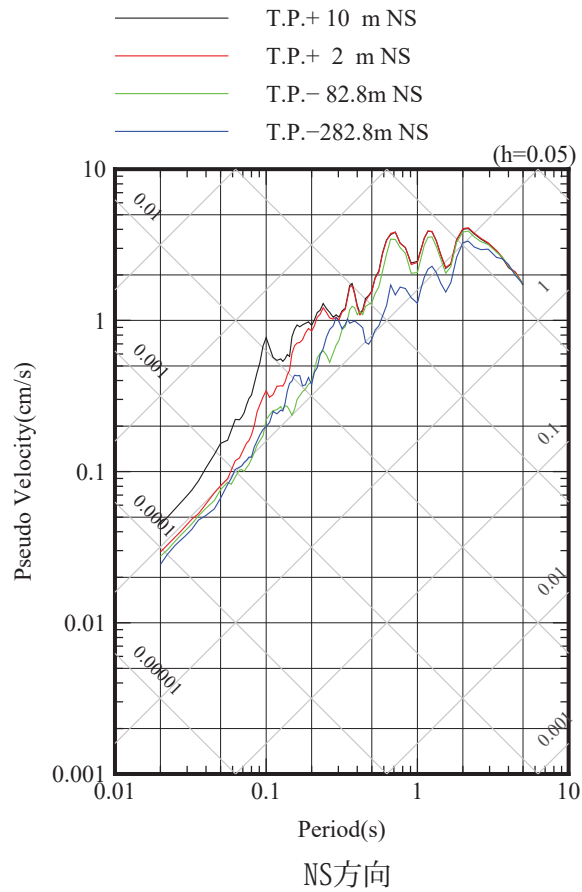
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2015/7/10 (3:32) M5.7, 深さ=88.01km, 震央距離=94km, 震源距離=129km



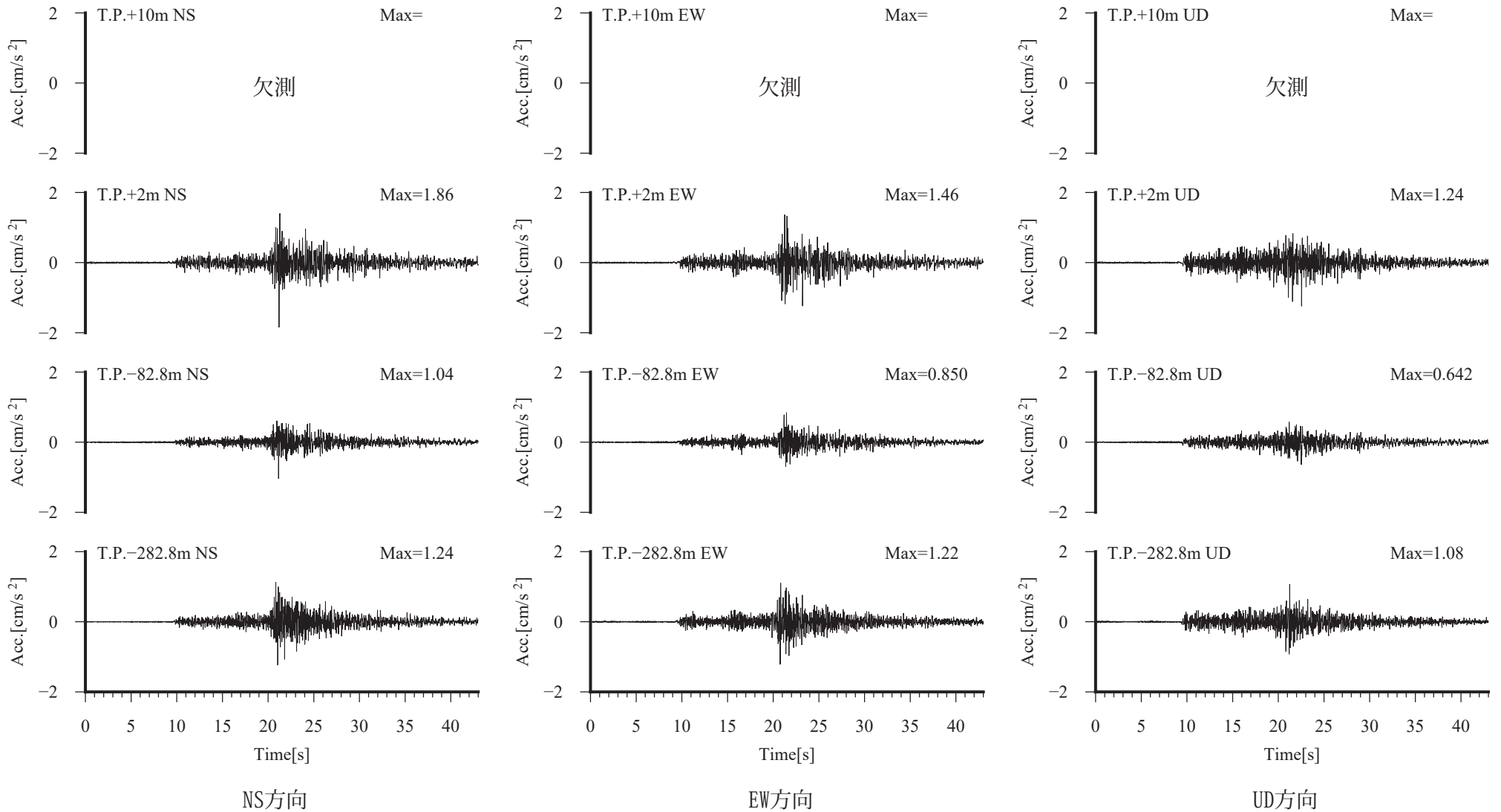
自由地盤 検討に用いた地震の加速度時刻歴波形

2016/1/14 (12:25) M6.7, 深さ=51.51km, 震央距離=146km, 震源距離=155km



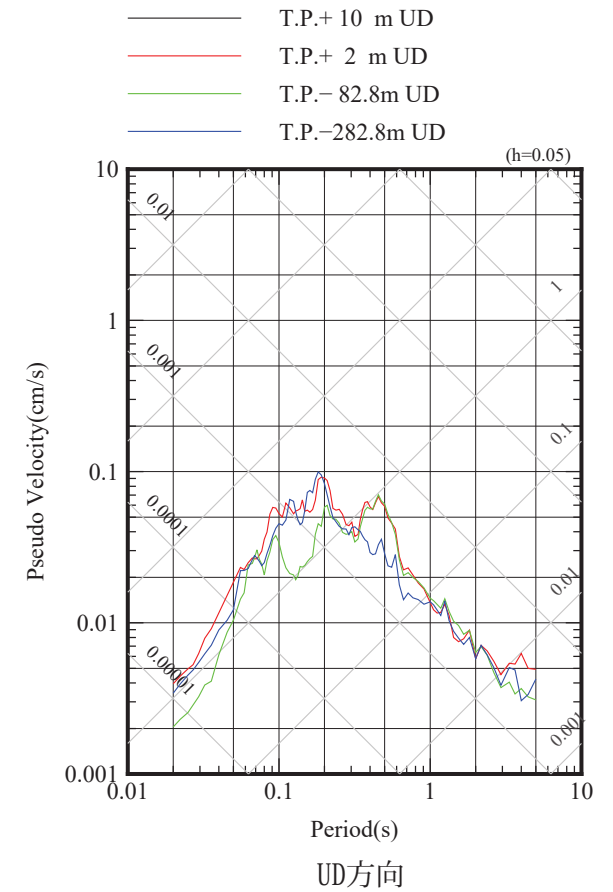
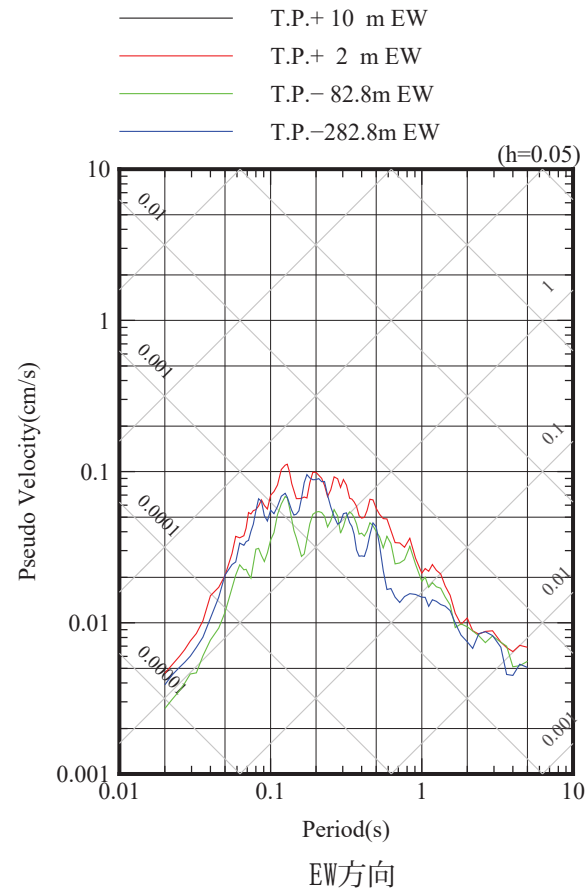
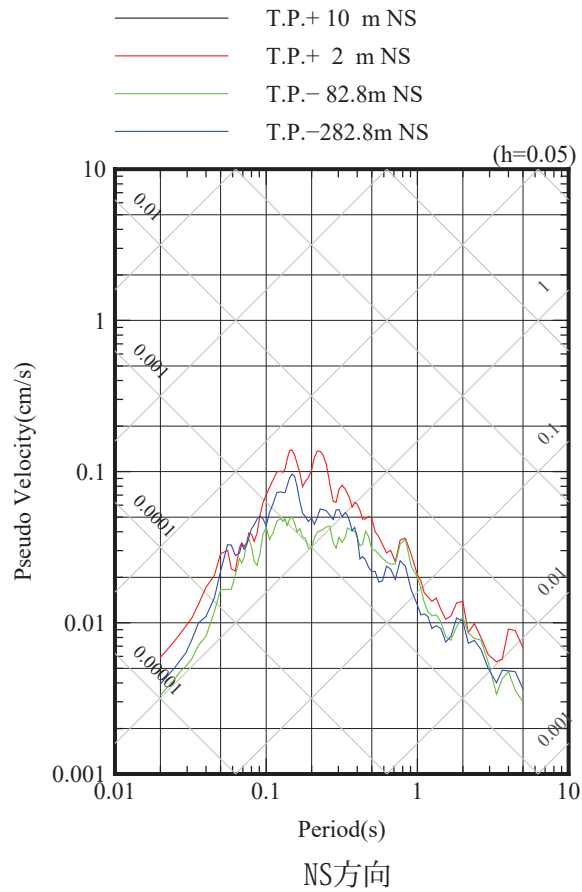
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2016/1/14 (12:25) M6.7, 深さ=51.51km, 震央距離=146km, 震源距離=155km



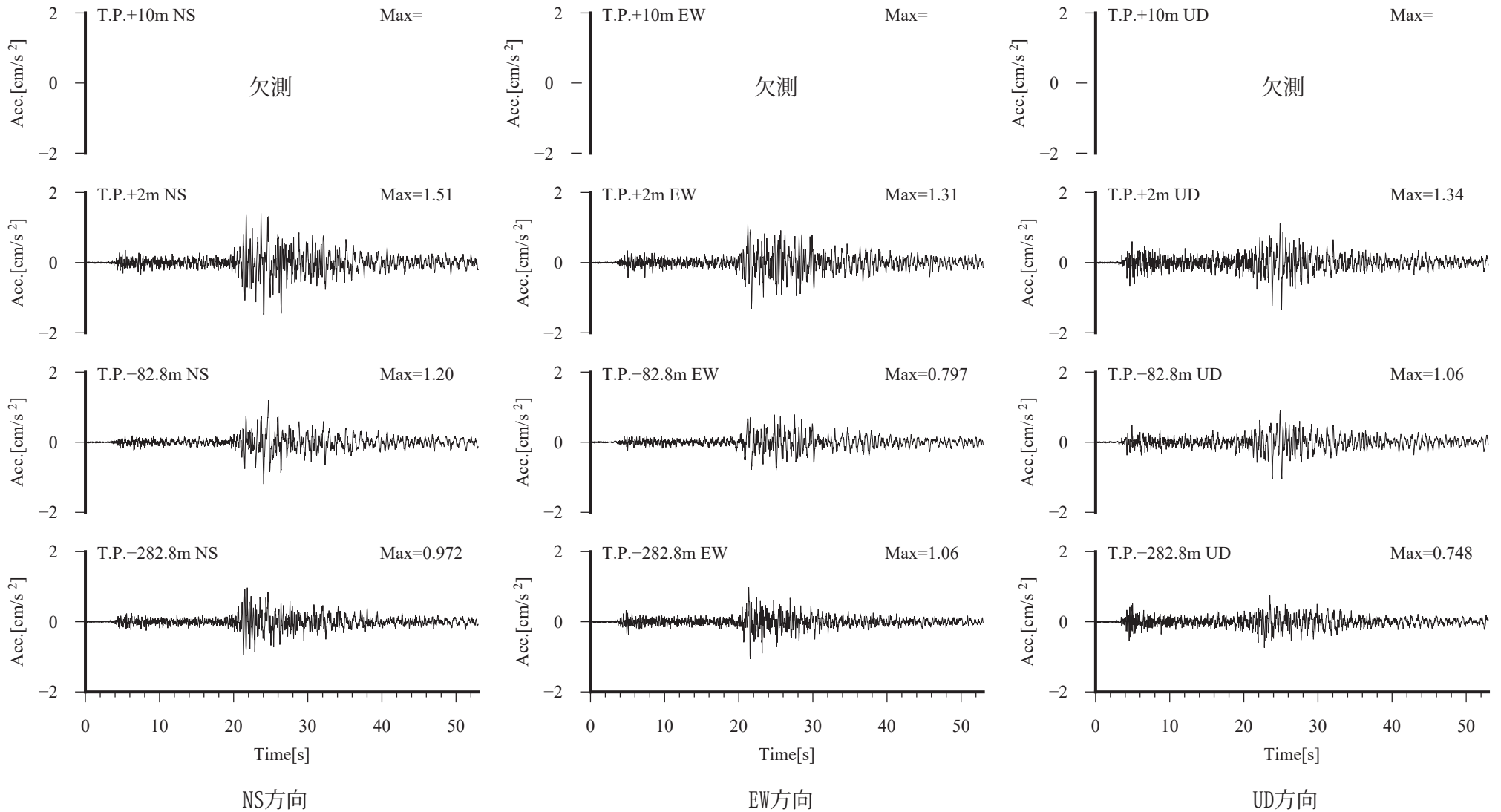
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2017/1/22 (3:11) M4.5, 深さ=37.39km, 震央距離=89km, 震源距離=97km



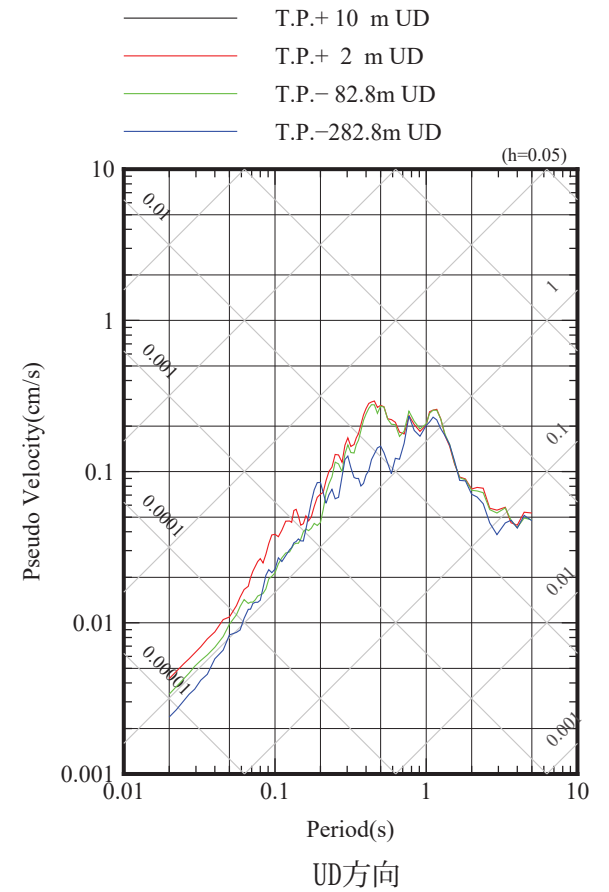
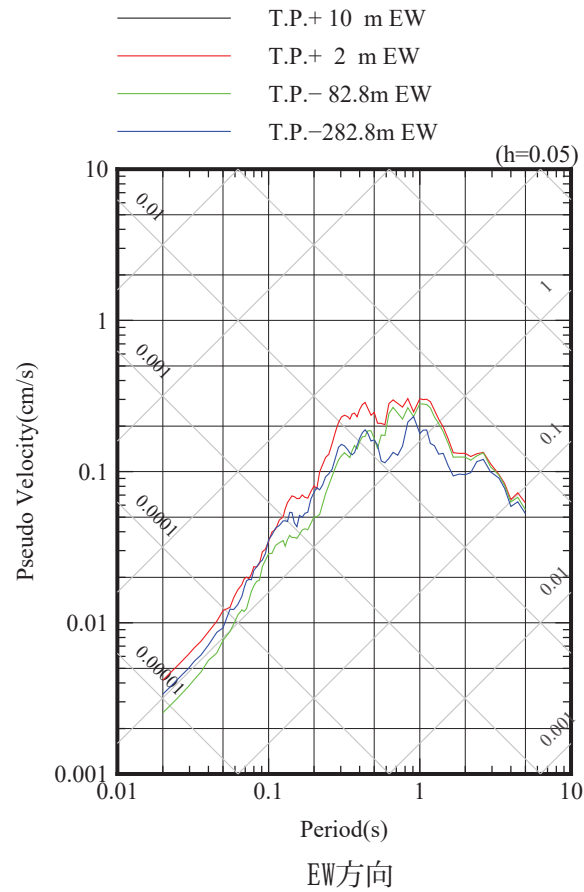
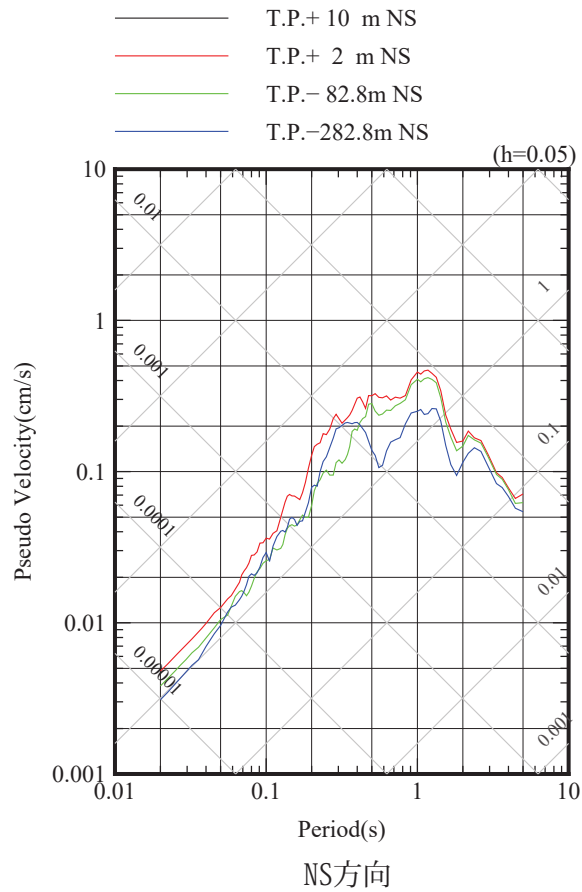
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2017/1/22 (3:11) M4.5, 深さ=37.39km, 震央距離=89km, 震源距離=97km



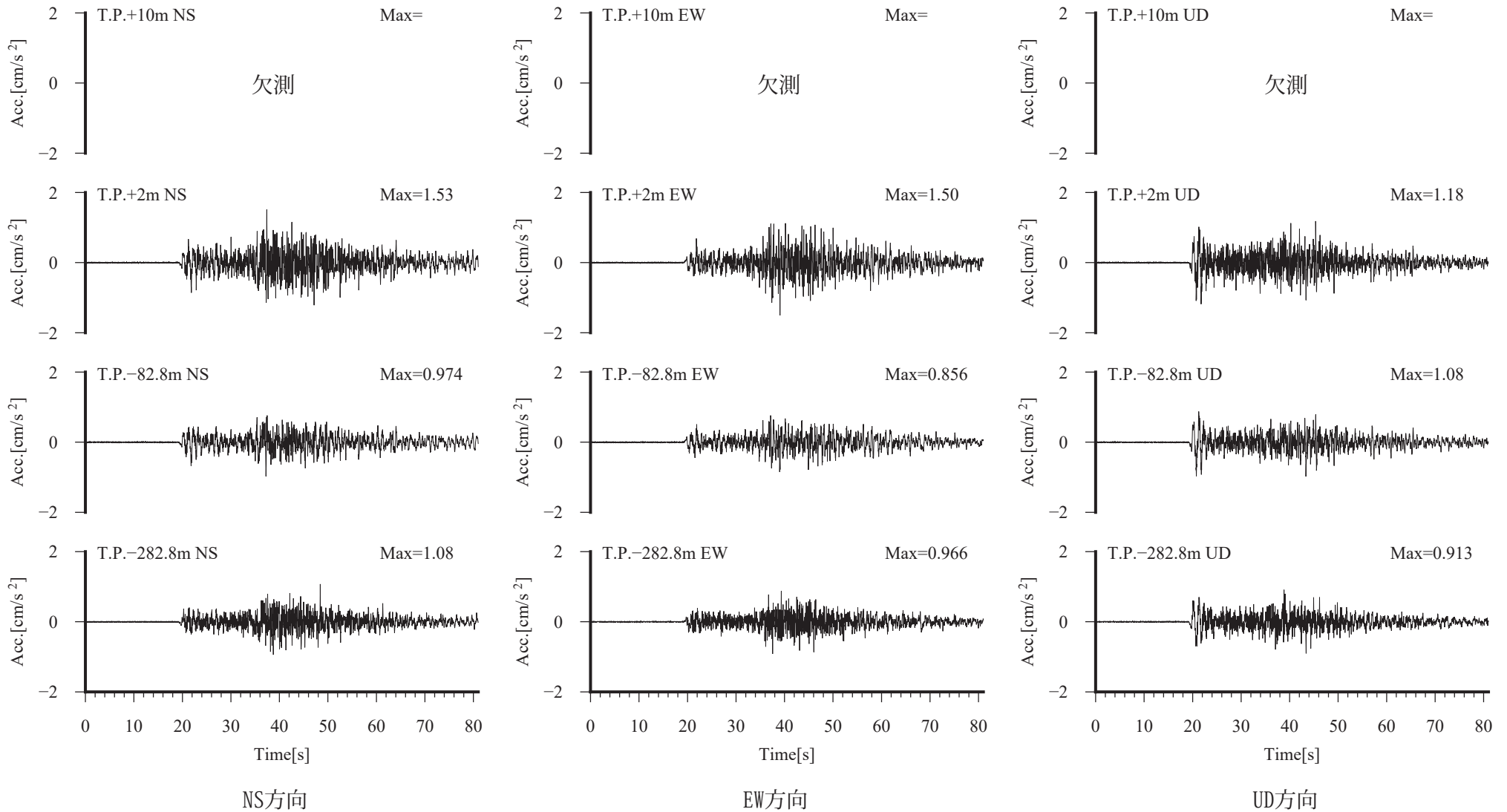
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2017/9/10 (17:44) M5.6, 深さ=43km, 震央距離=139km, 震源距離=146km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

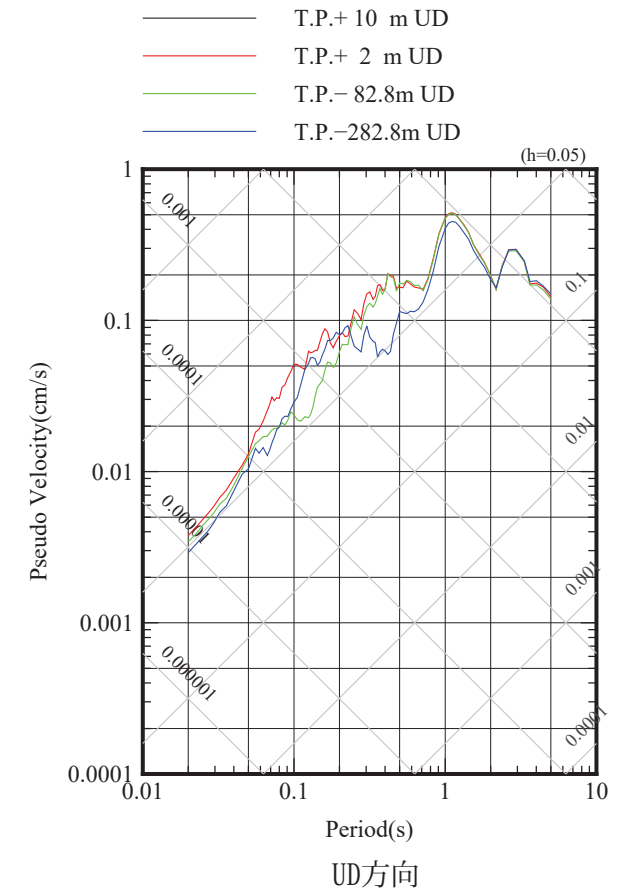
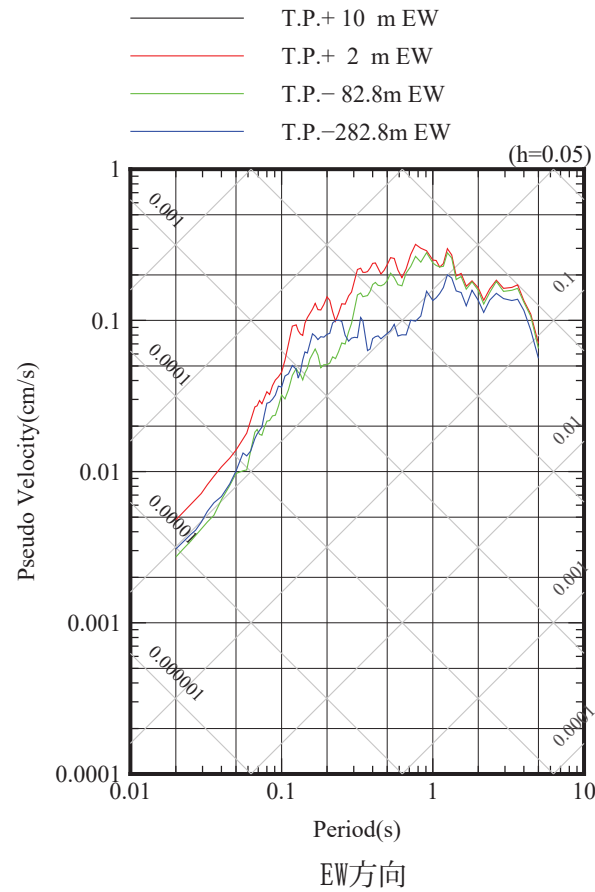
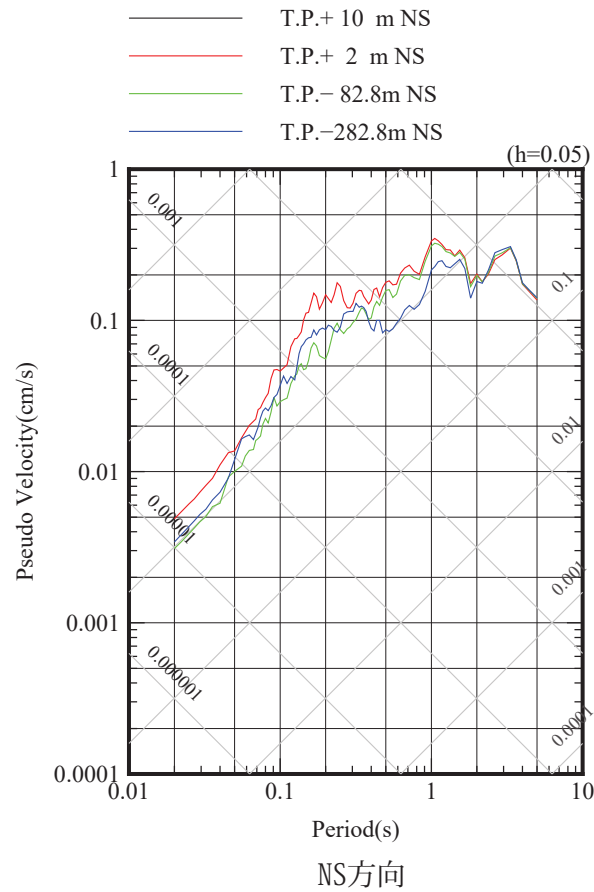
2017/9/10 (17:44) M5.6, 深さ=43km, 震央距離=139km, 震源距離=146km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

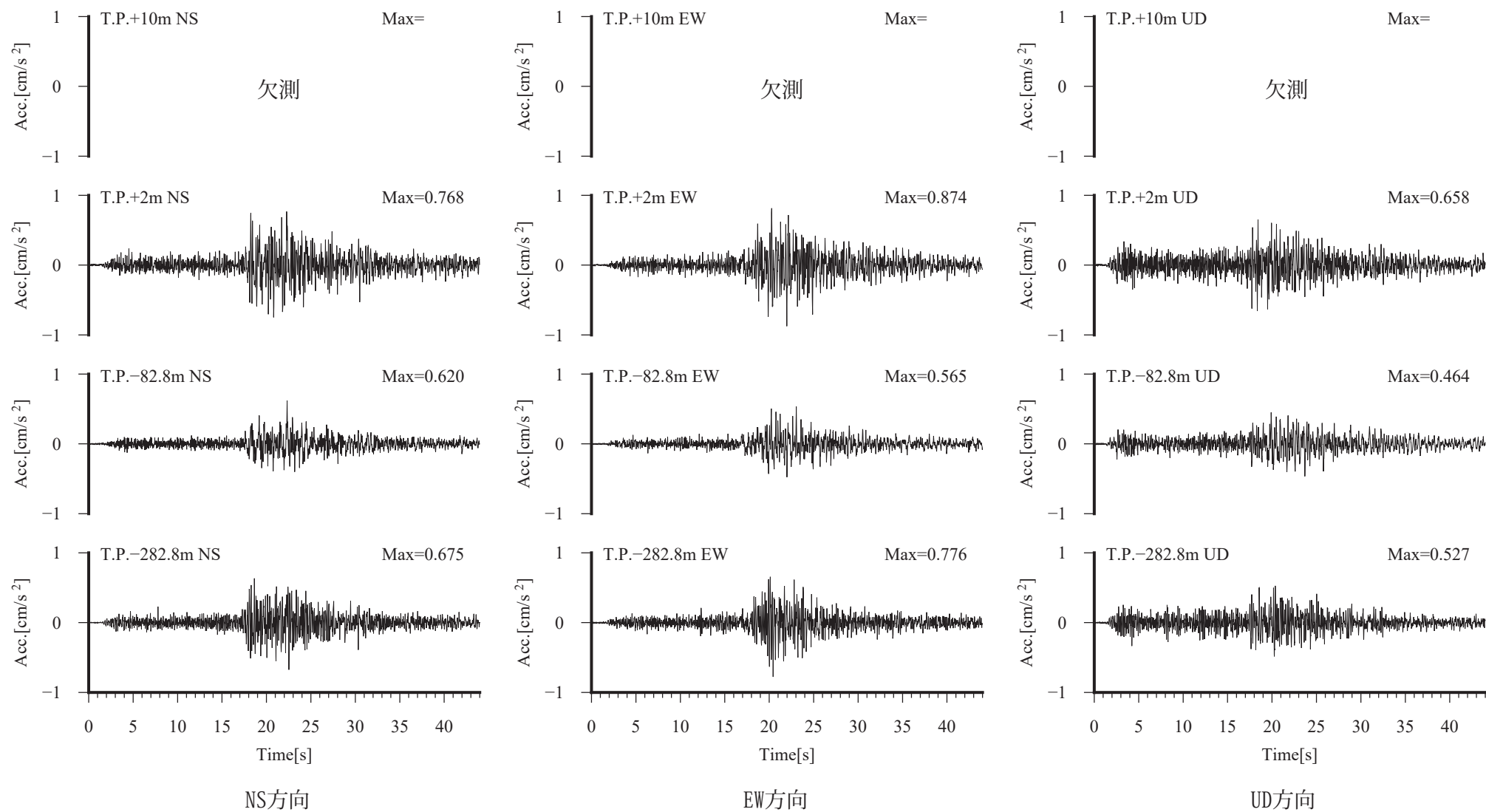
2017/9/27 (5:22) M6.1, 深さ=35km, 震央距離=136km, 震源距離=141km





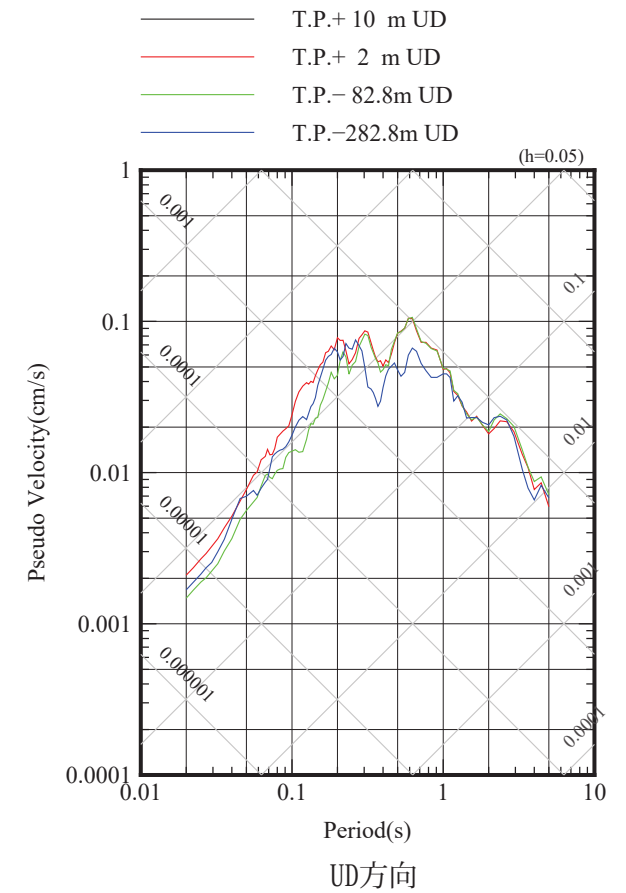
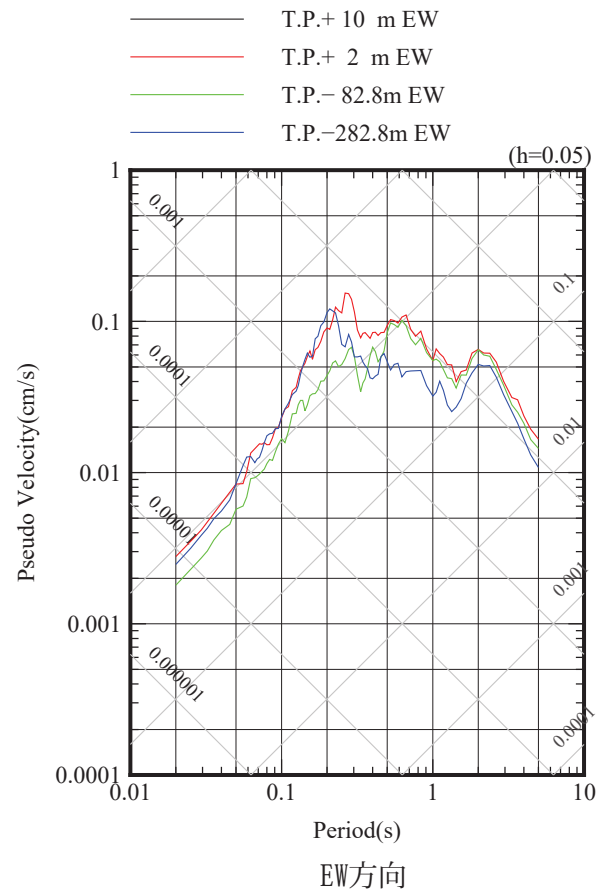
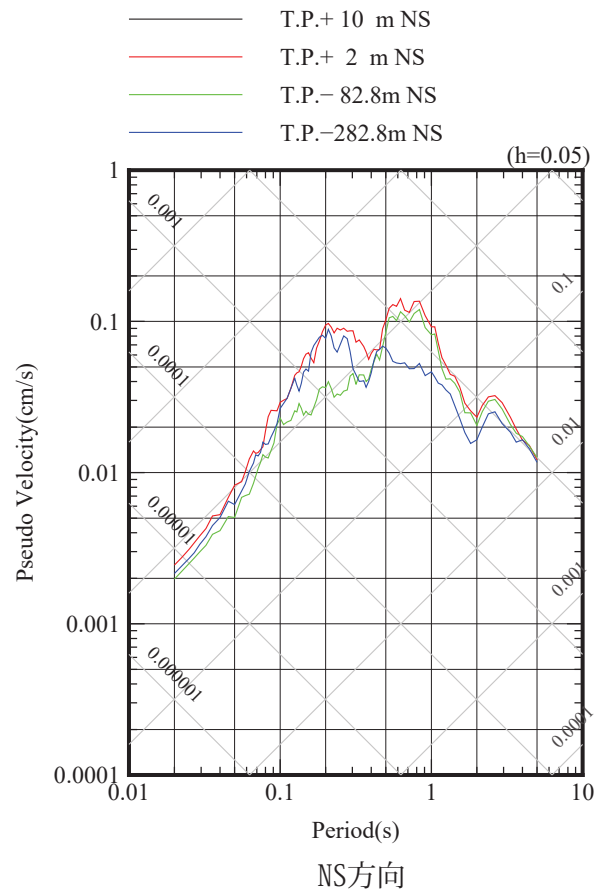
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2017/9/27 (5:22) M6.1, 深さ=35km, 震央距離=136km, 震源距離=141km



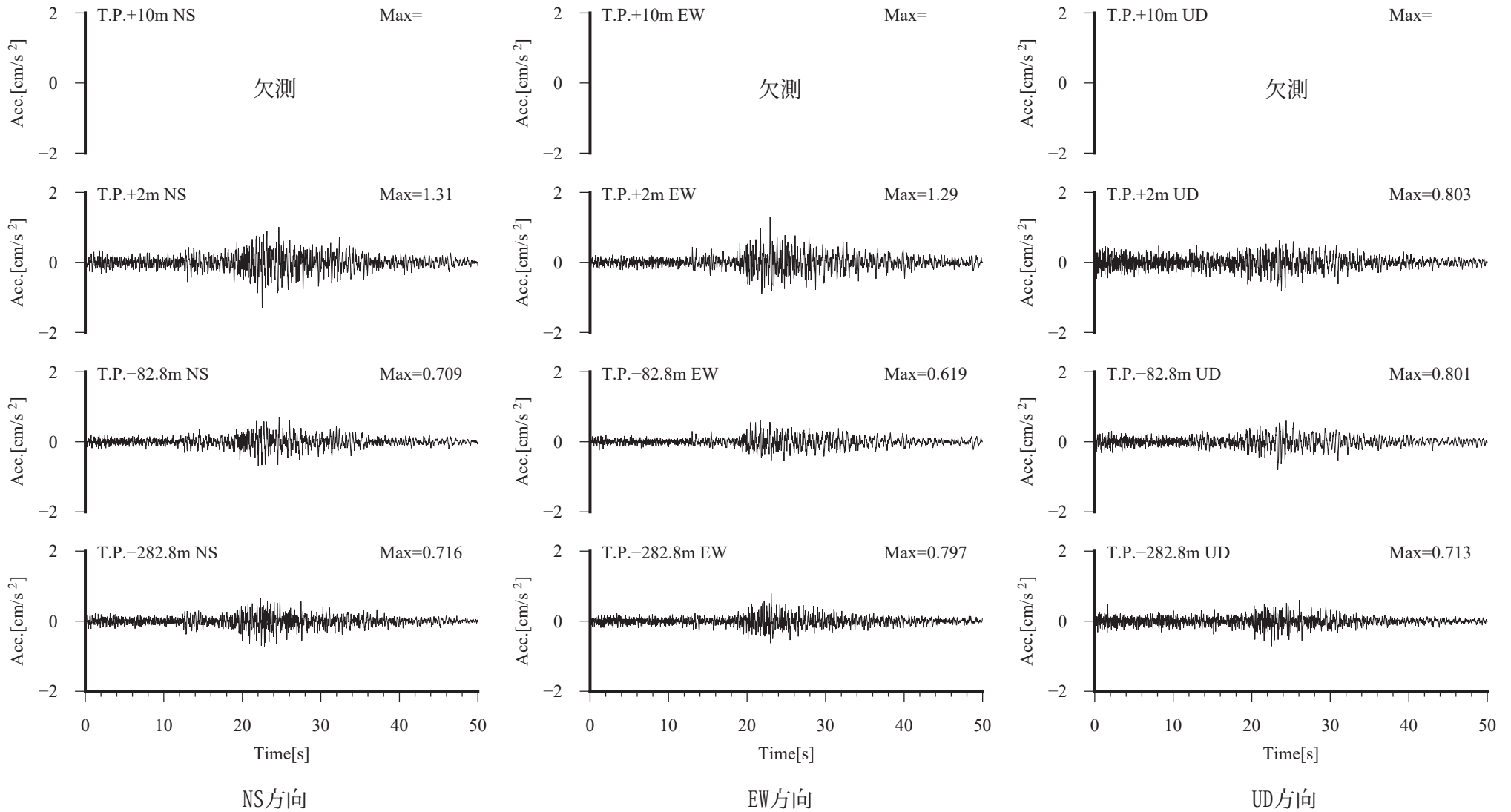
自由地盤 検討に用いた地震の加速度時刻歴波形

2017/12/2 (5:48) M4.9, 深さ=67km, 震央距離=132km, 震源距離=148km



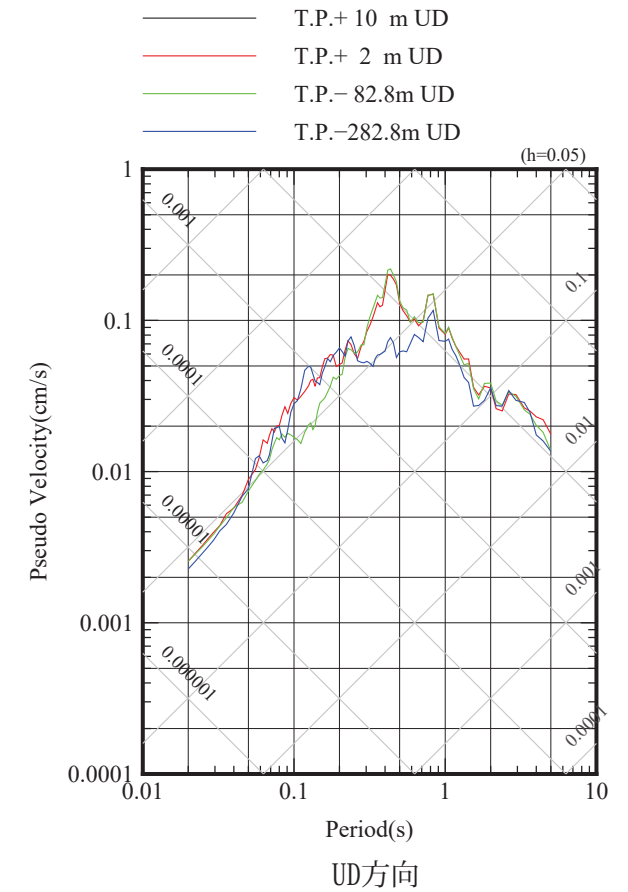
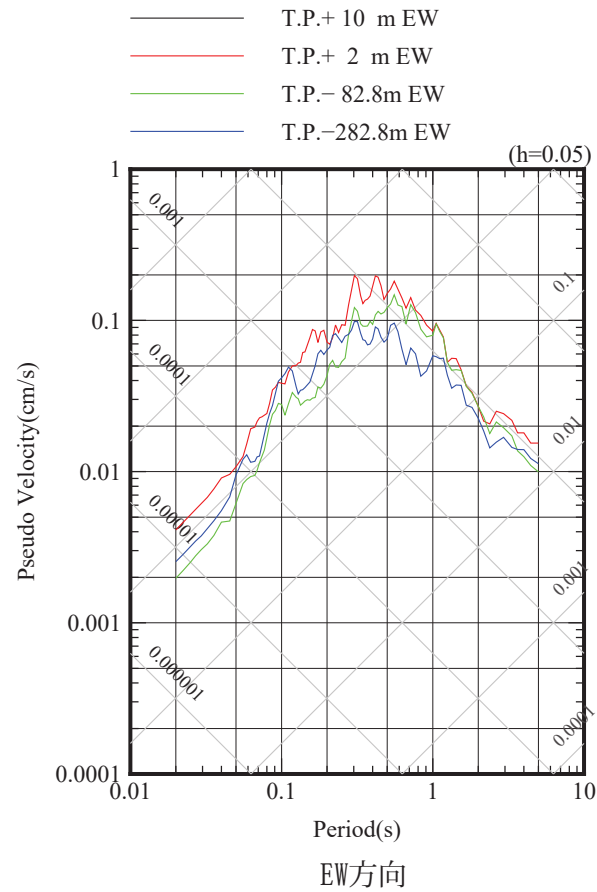
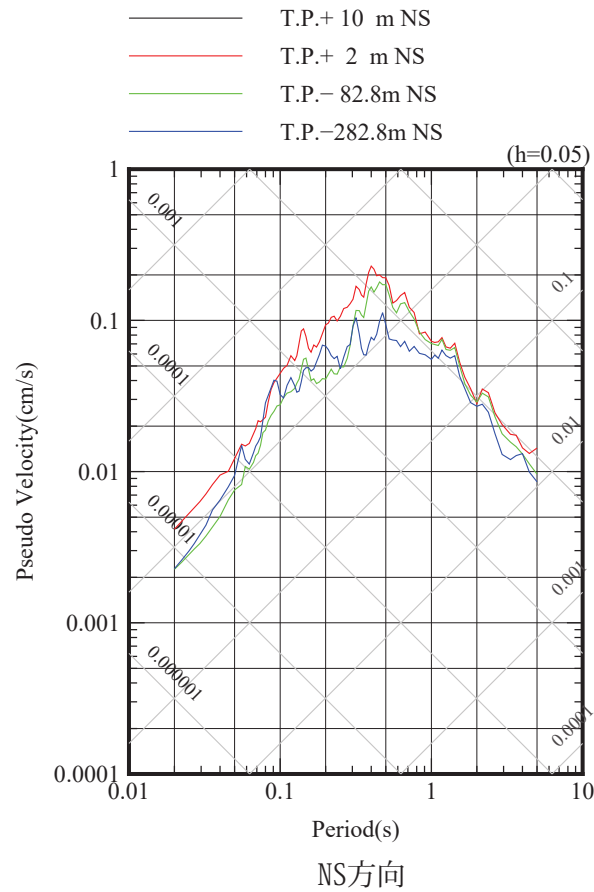
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2017/12/2 (5:48) M4.9, 深さ=67km, 震央距離=132km, 震源距離=148km



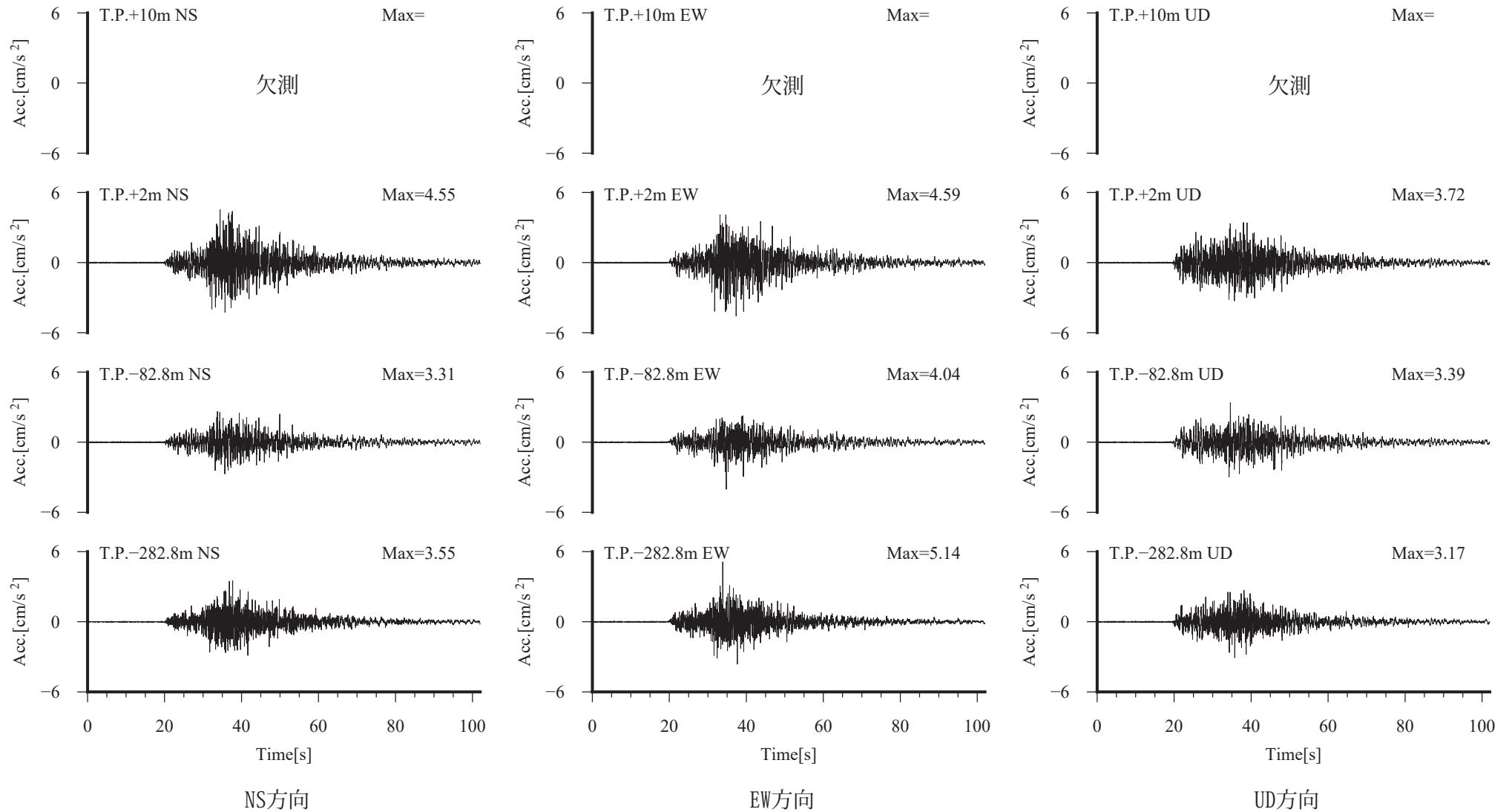
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2017/12/16 (2:58) M5.5, 深さ=52km, 震央距離=177km, 震源距離=185km



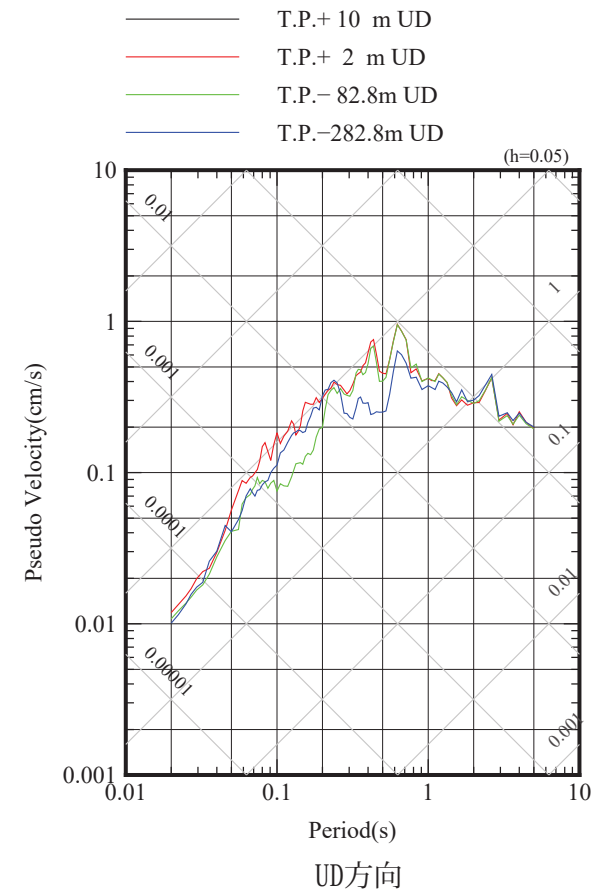
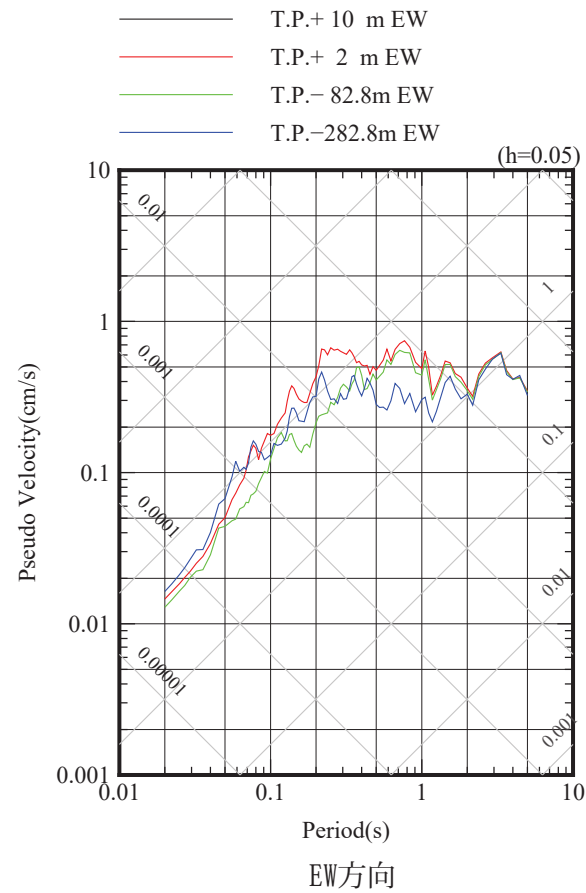
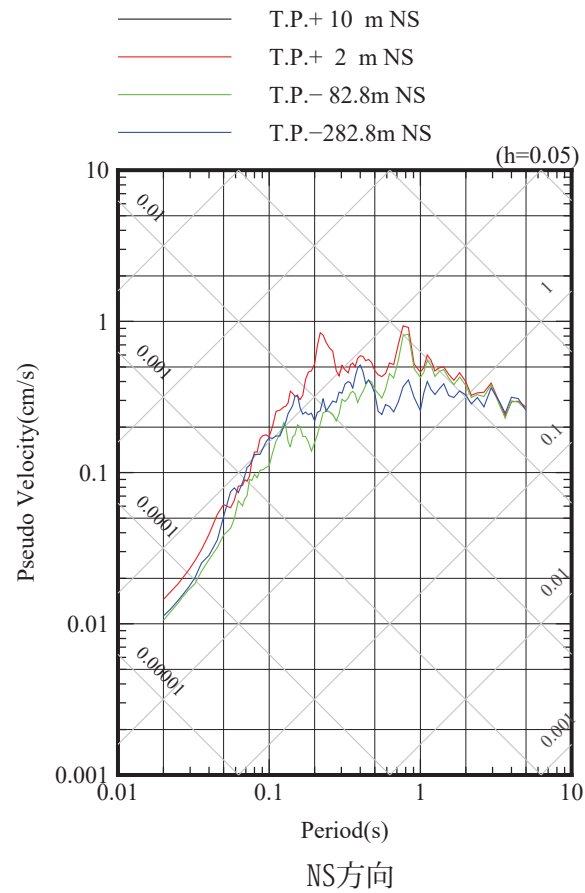
### 自由地盤 検討に用いた地震の擬似速度応答スペクトル

2017/12/16 (2:58) M5.5, 深さ=52km, 震央距離=177km, 震源距離=185km



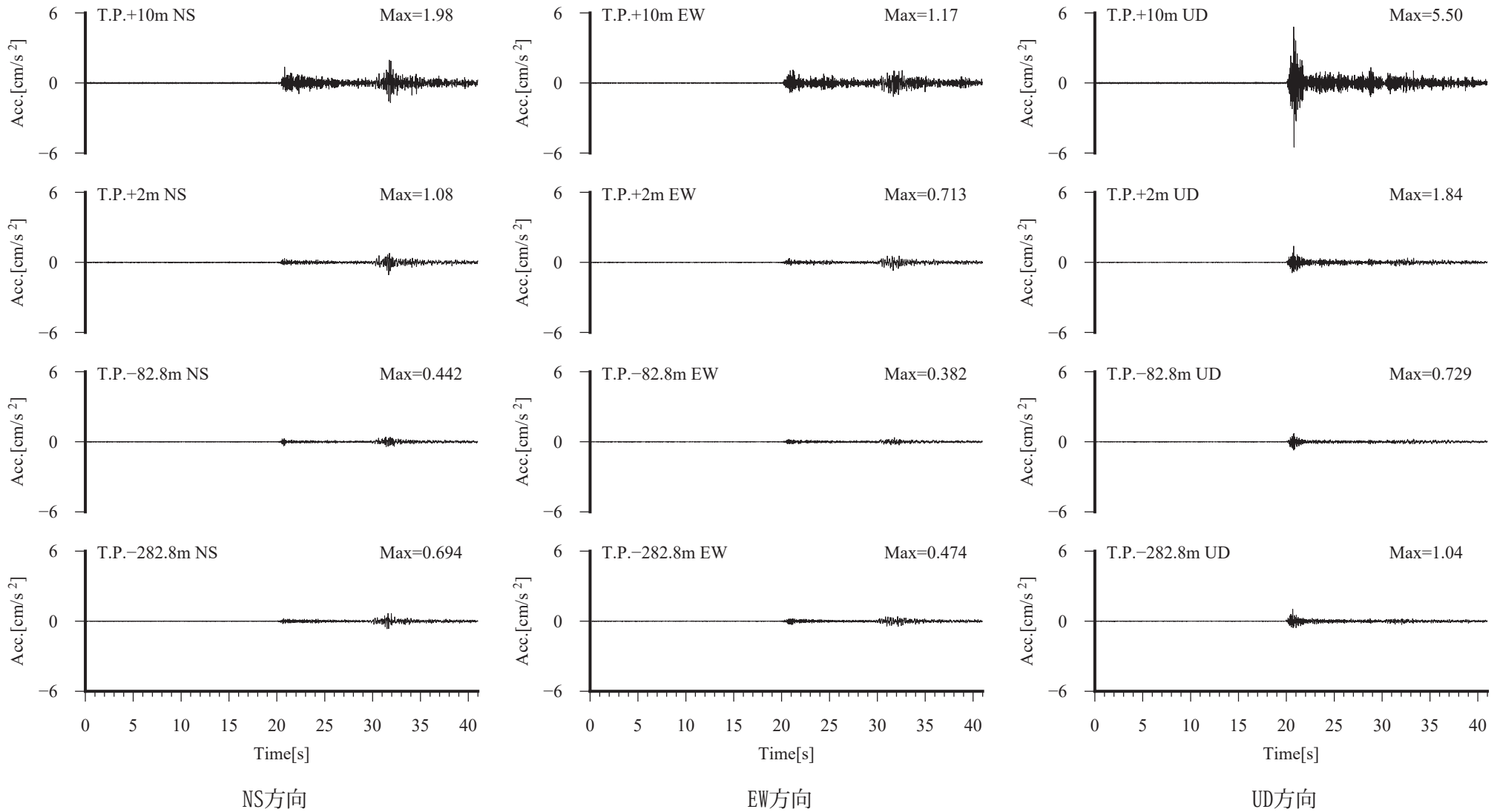
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2018/1/24 (19:51) M6.3, 深さ=34km, 震央距離=91km, 震源距離=97km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

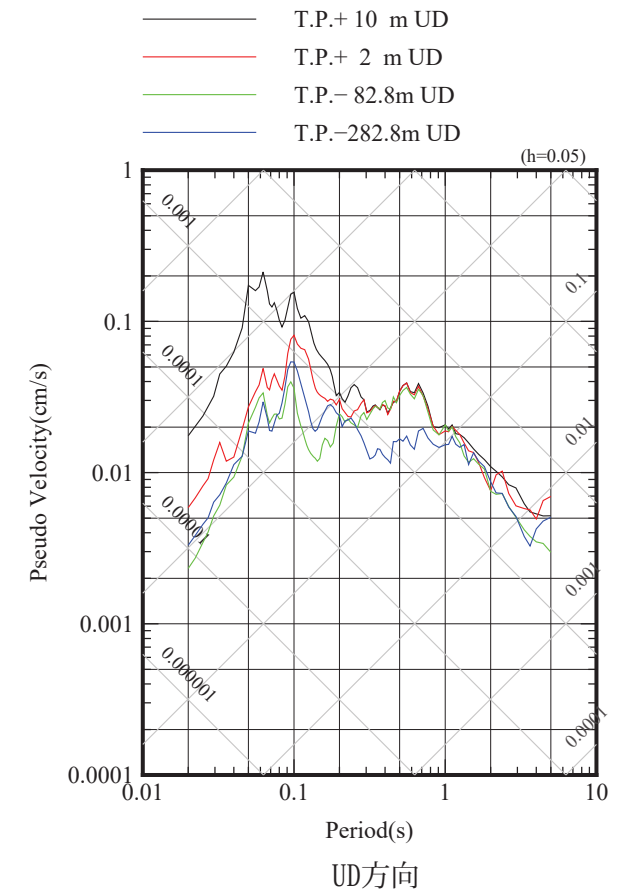
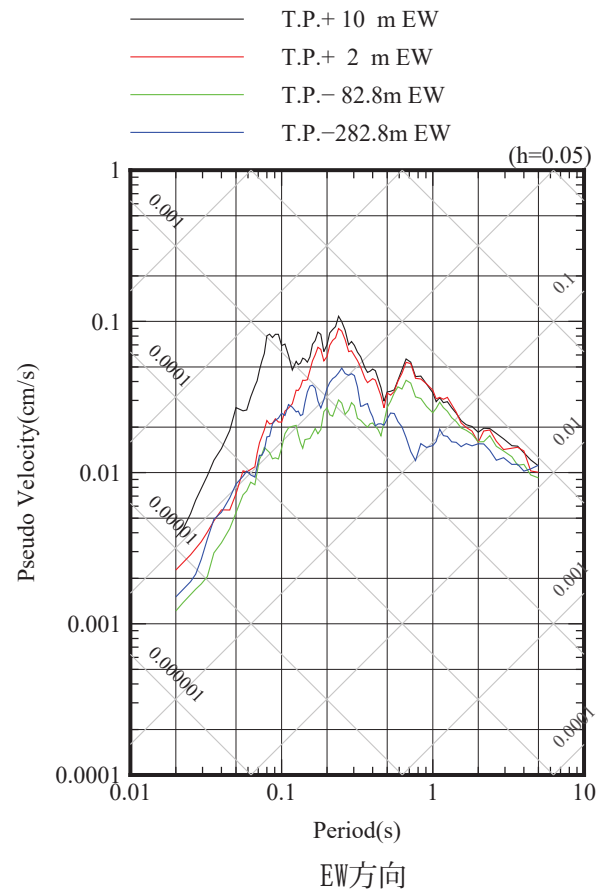
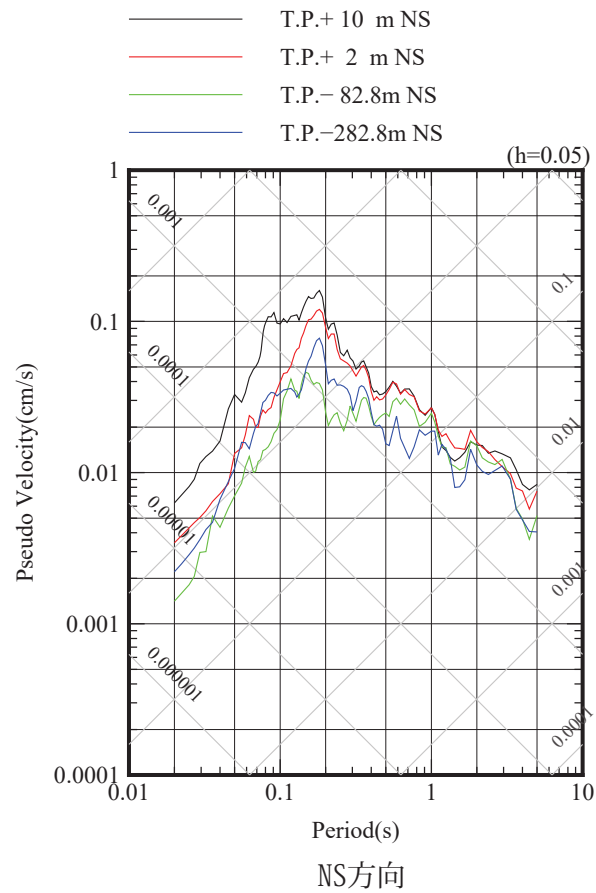
2018/1/24 (19:51) M6.3, 深さ=34km, 震央距離=91km, 震源距離=97km



自由地盤 検討に用いた地震の加速度時刻歴波形

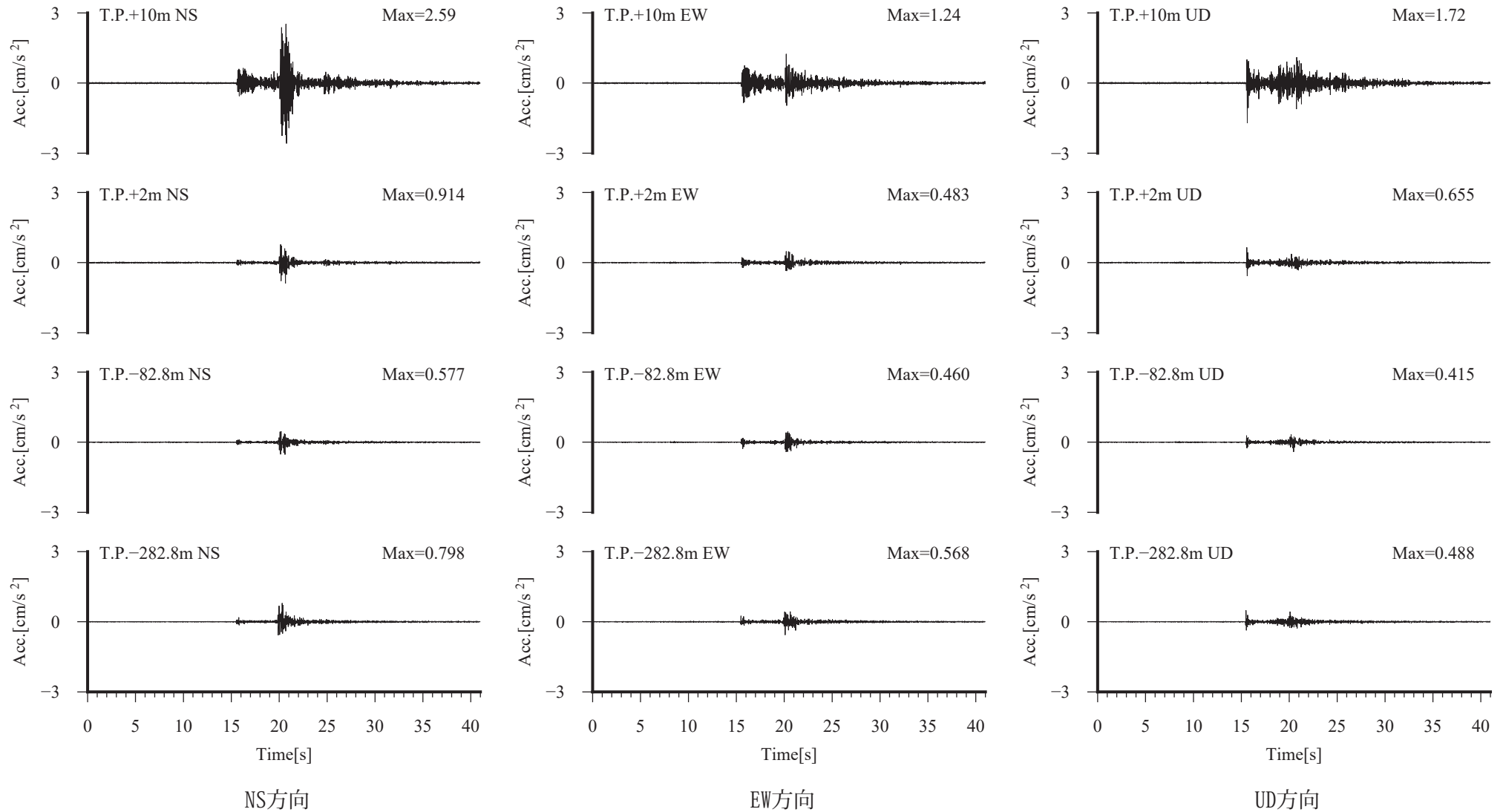
2018/3/9 (18:15) M4.4, 深さ=93km, 震央距離=11km, 震源距離=94km





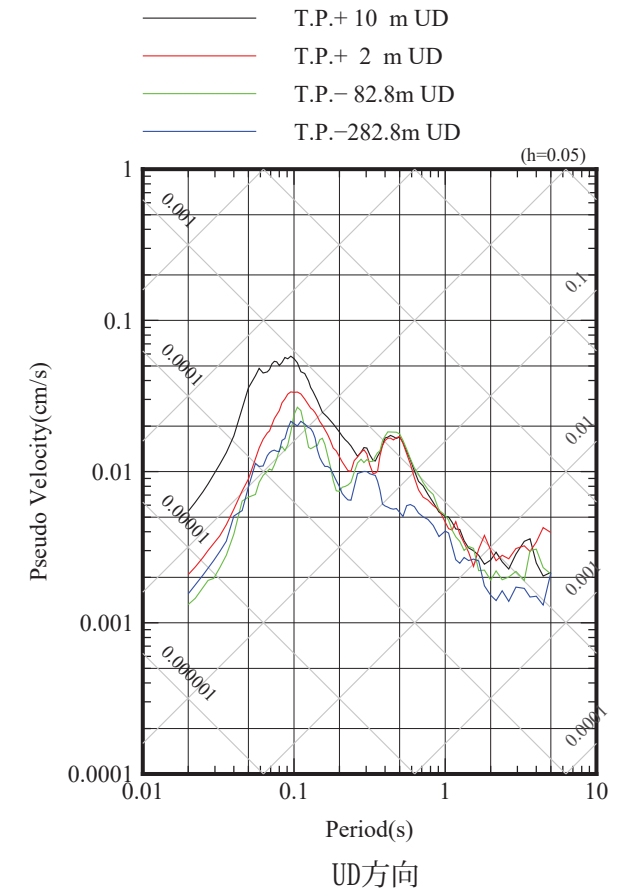
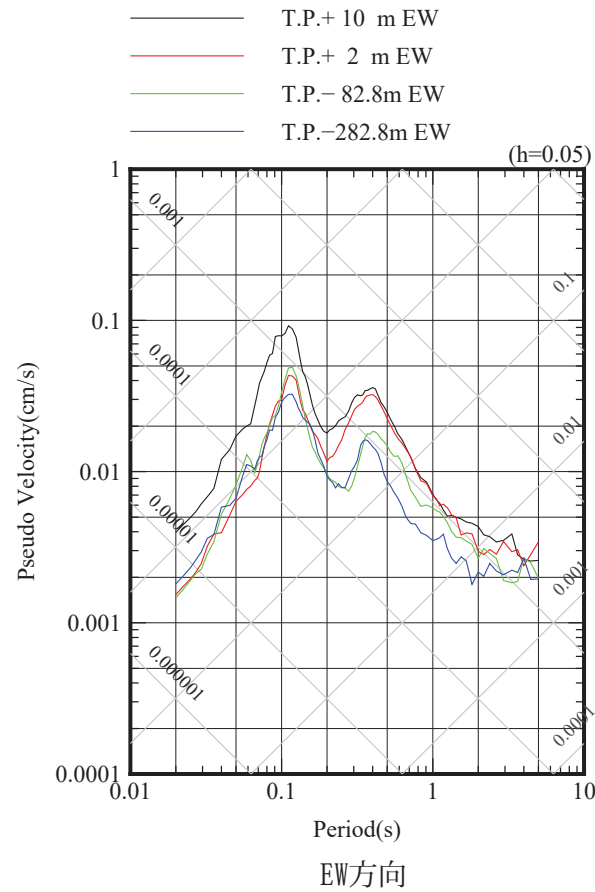
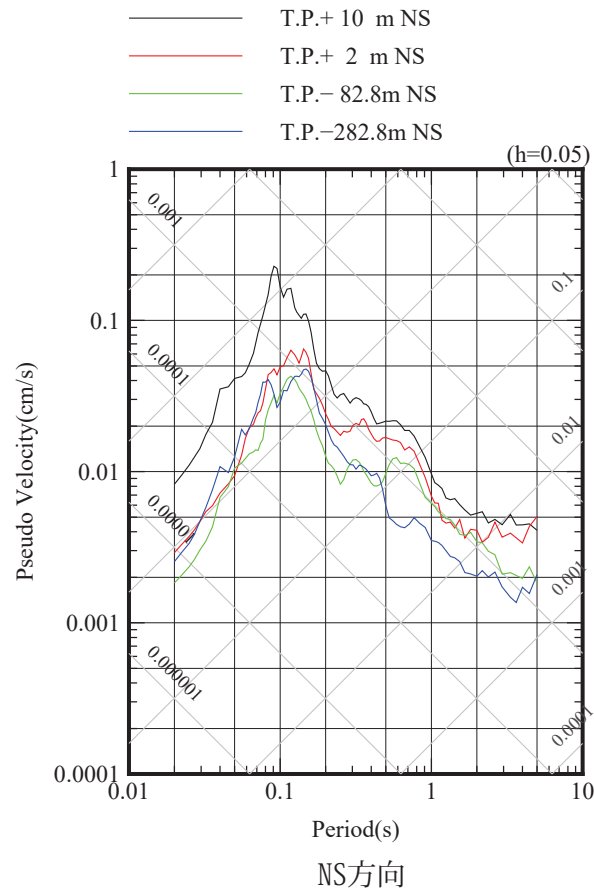
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2018/3/9 (18:15) M4.4, 深さ=93km, 震央距離=11km, 震源距離=94km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

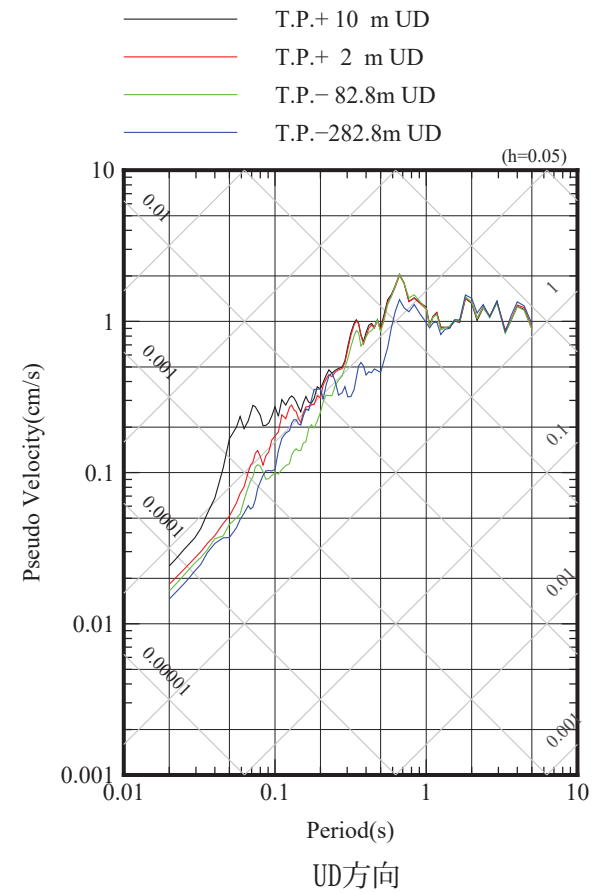
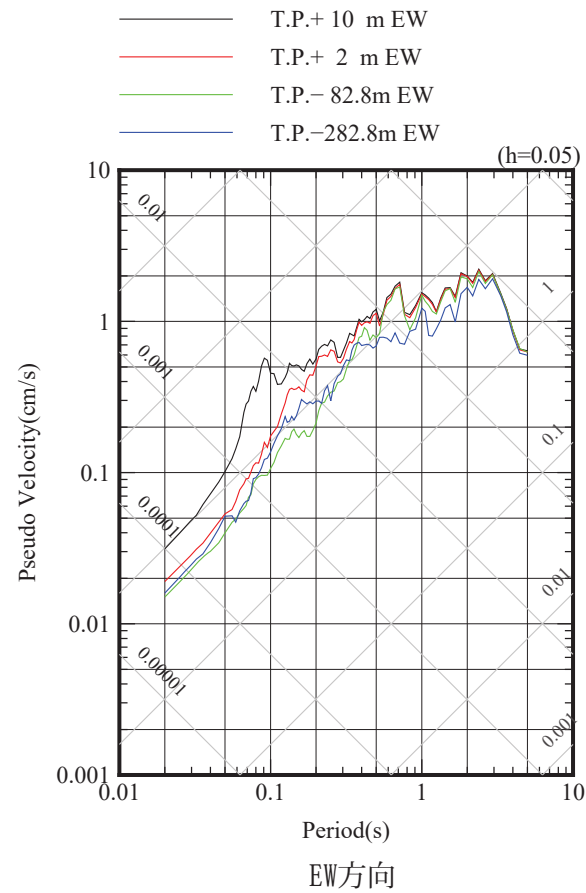
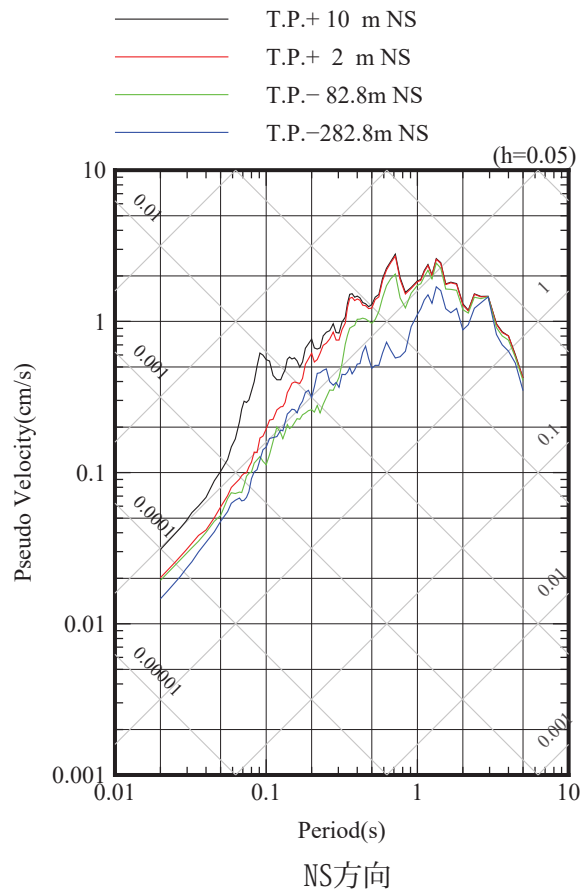
2018/4/29 (21:31) M3.3, 深さ=7km, 震央距離=36km, 震源距離=36km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

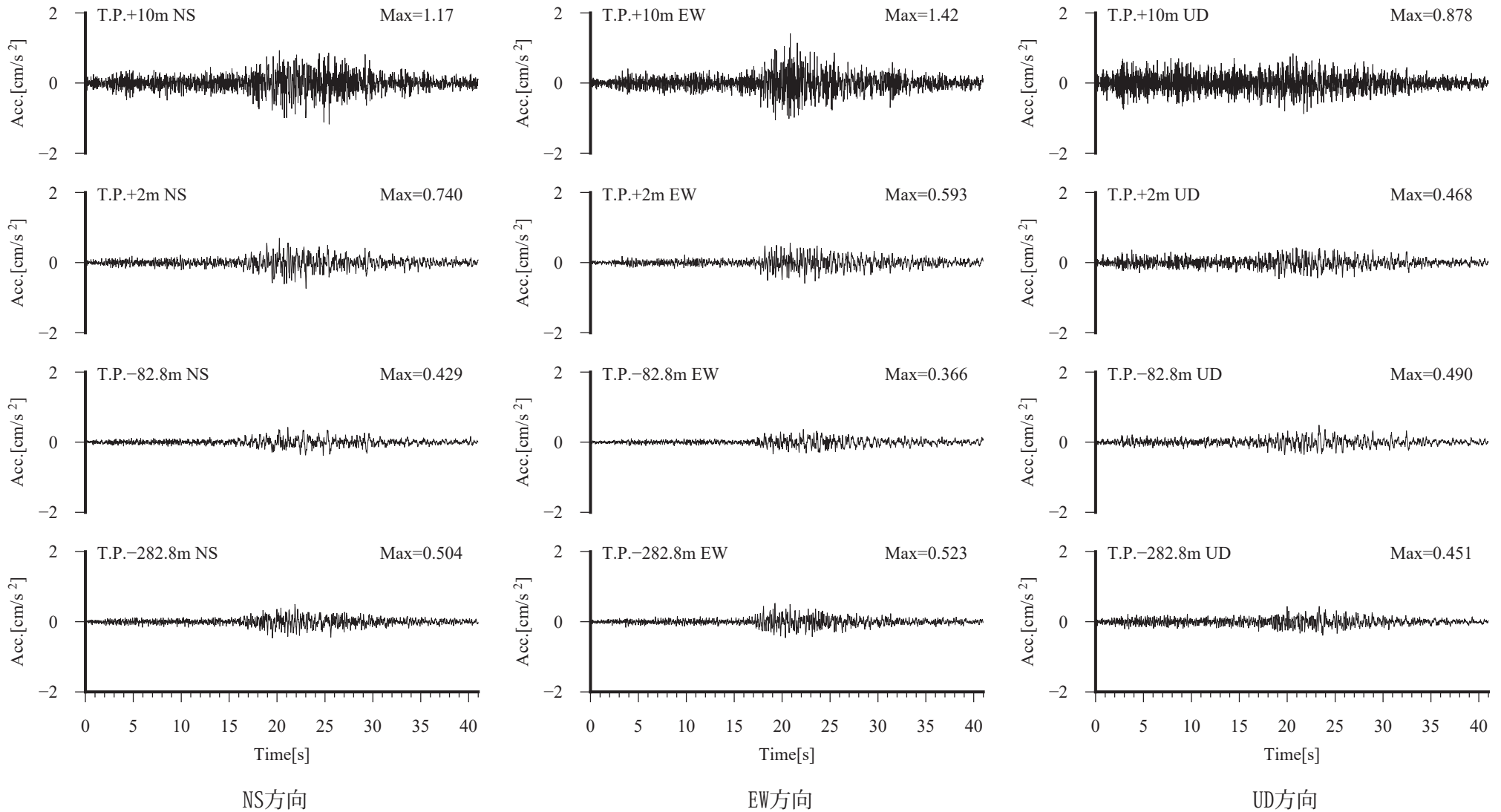
2018/4/29 (21:31) M3.3, 深さ=7km, 震央距離=36km, 震源距離=36km





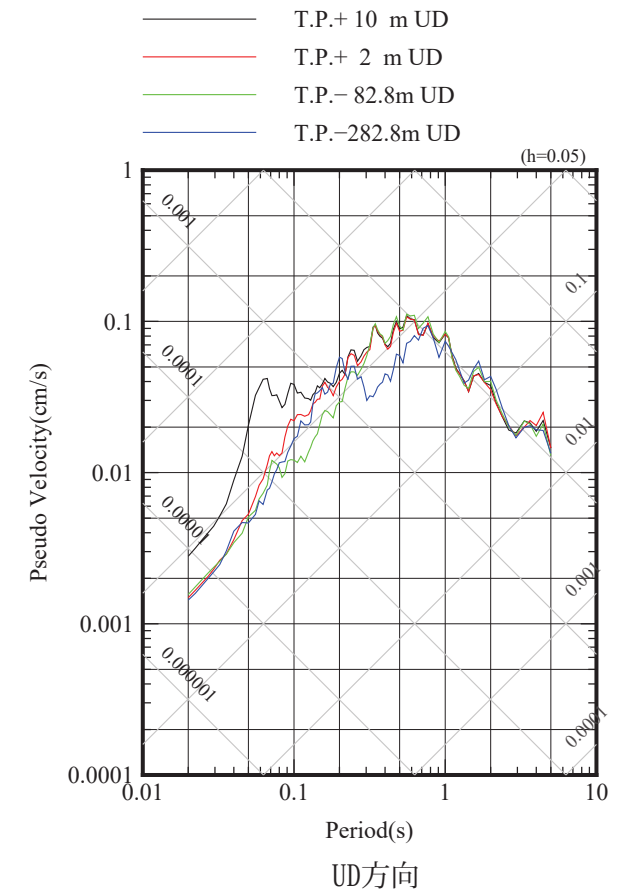
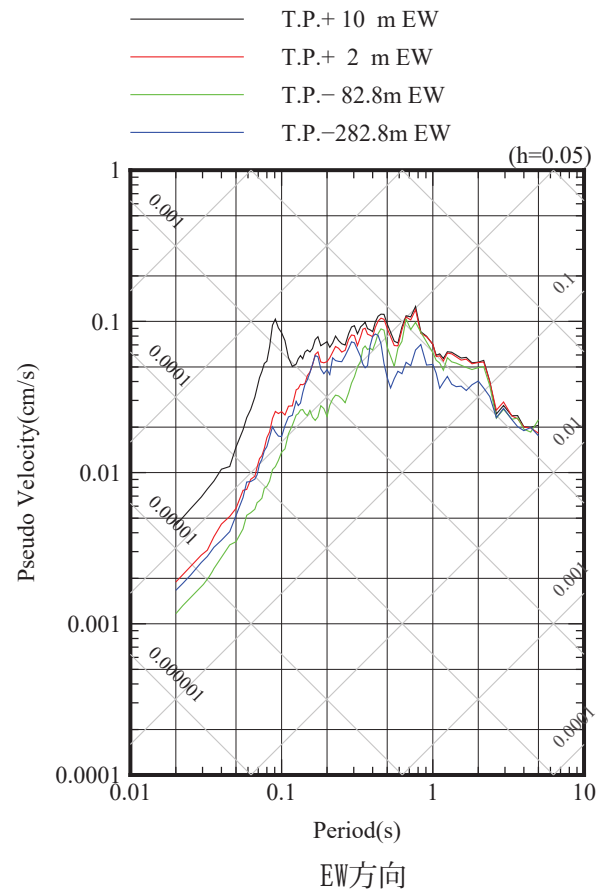
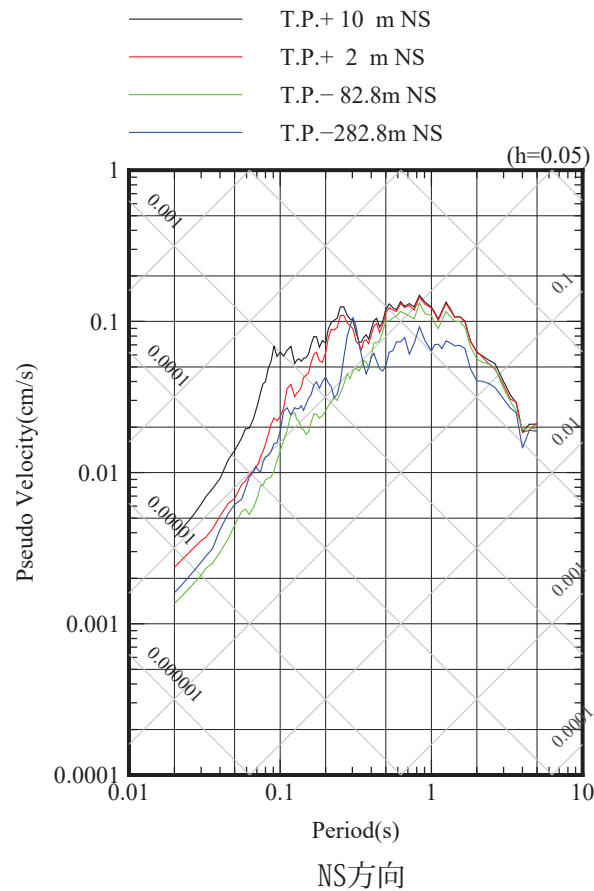
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2018/9/6 (3:7) M6.7, 深さ=37km, 震央距離=174km, 震源距離=178km



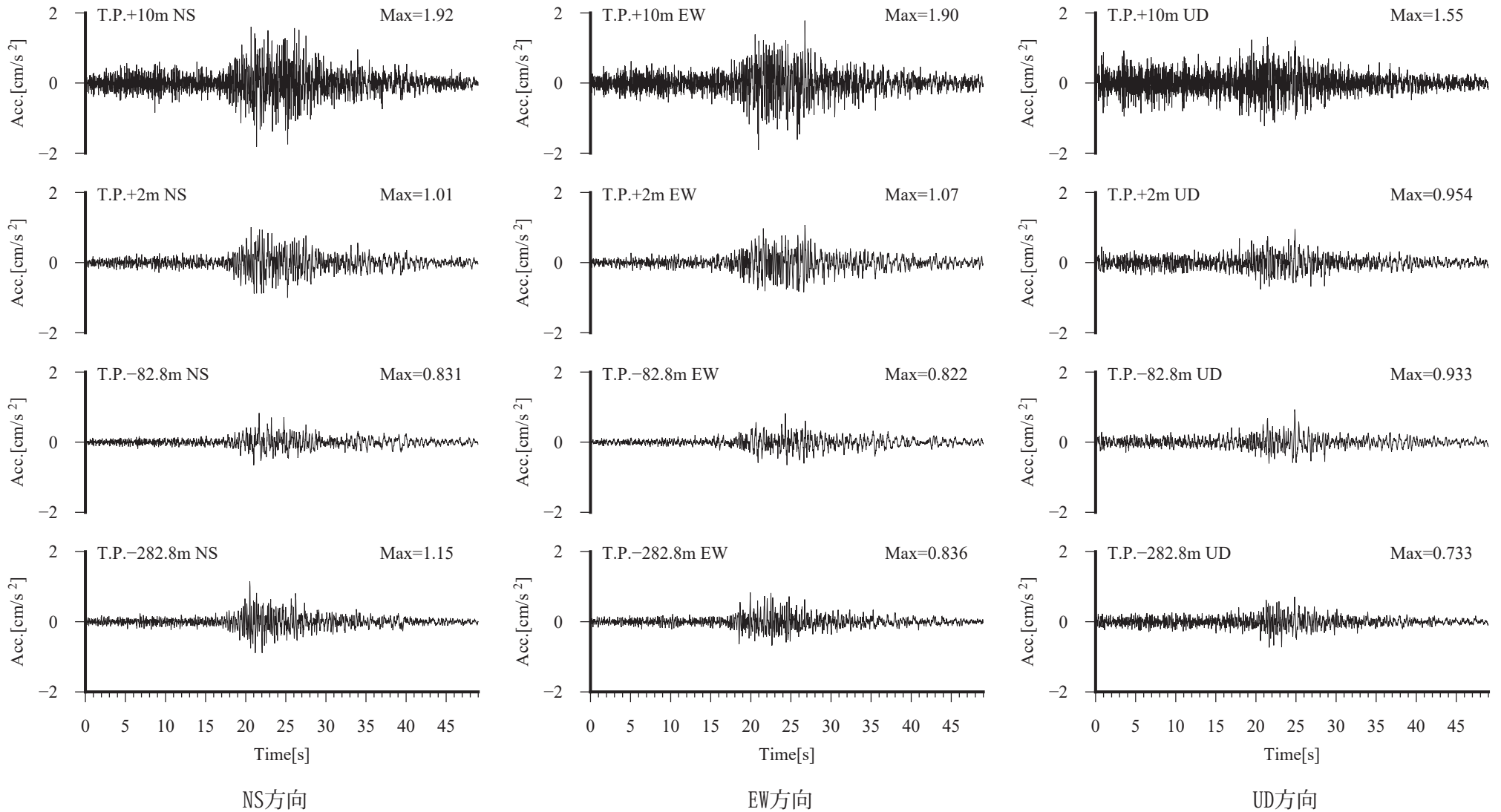
### 自由地盤 検討に用いた地震の加速度時刻歴波形

2018/9/6 (3:20) M5.5, 深さ=36km, 震央距離=160km, 震源距離=164km



自由地盤 検討に用いた地震の擬似速度応答スペクトル

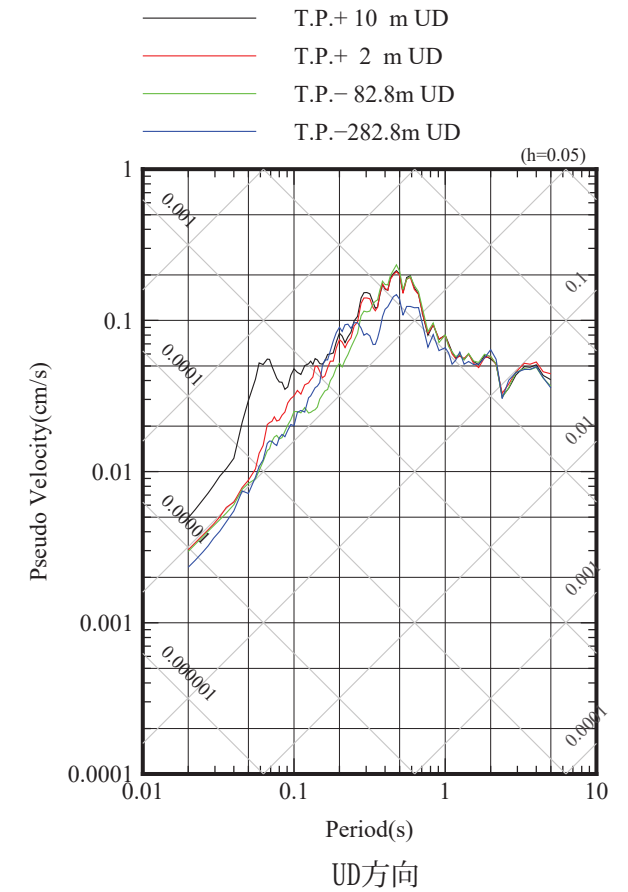
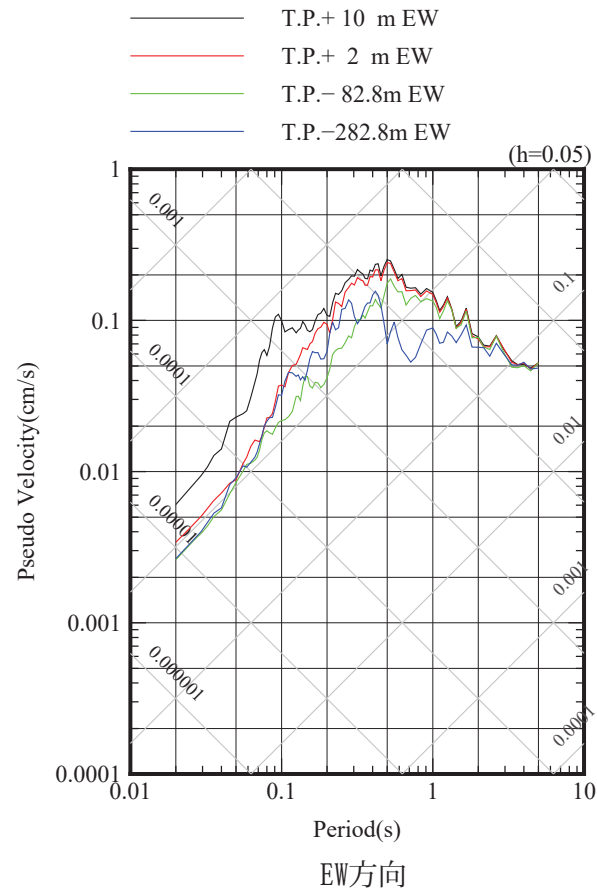
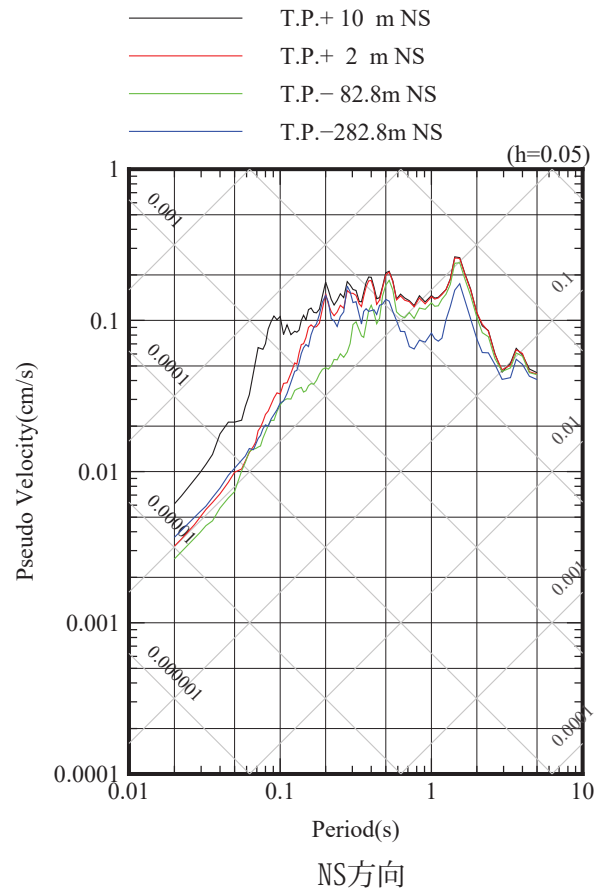
2018/9/6 (3:20) M5.5, 深さ=36km, 震央距離=160km, 震源距離=164km



### 自由地盤 検討に用いた地震の加速度時刻歴波形

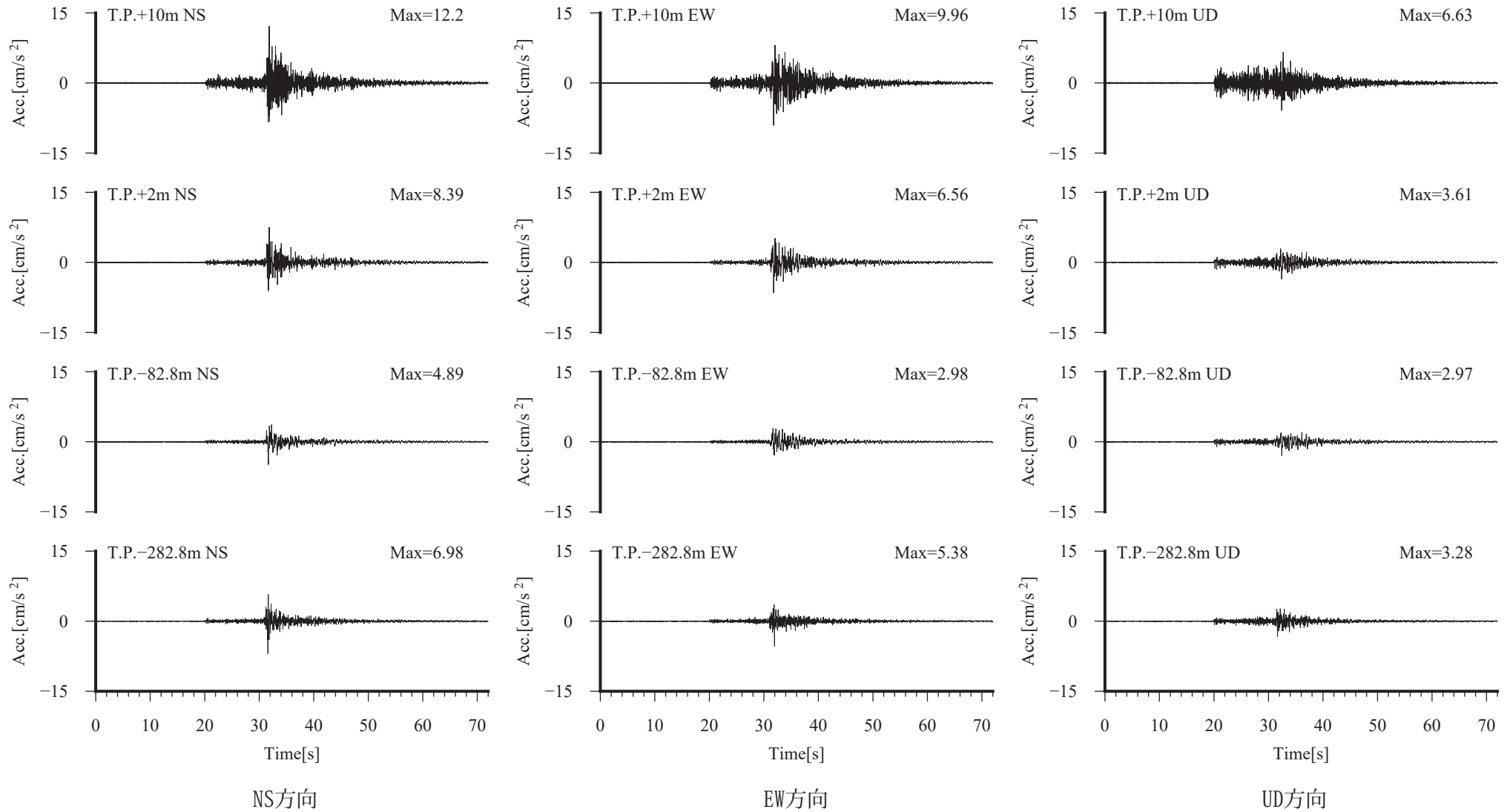
2018/9/6 (6:11) M5.4, 深さ=38km, 震央距離=173km, 震源距離=177km





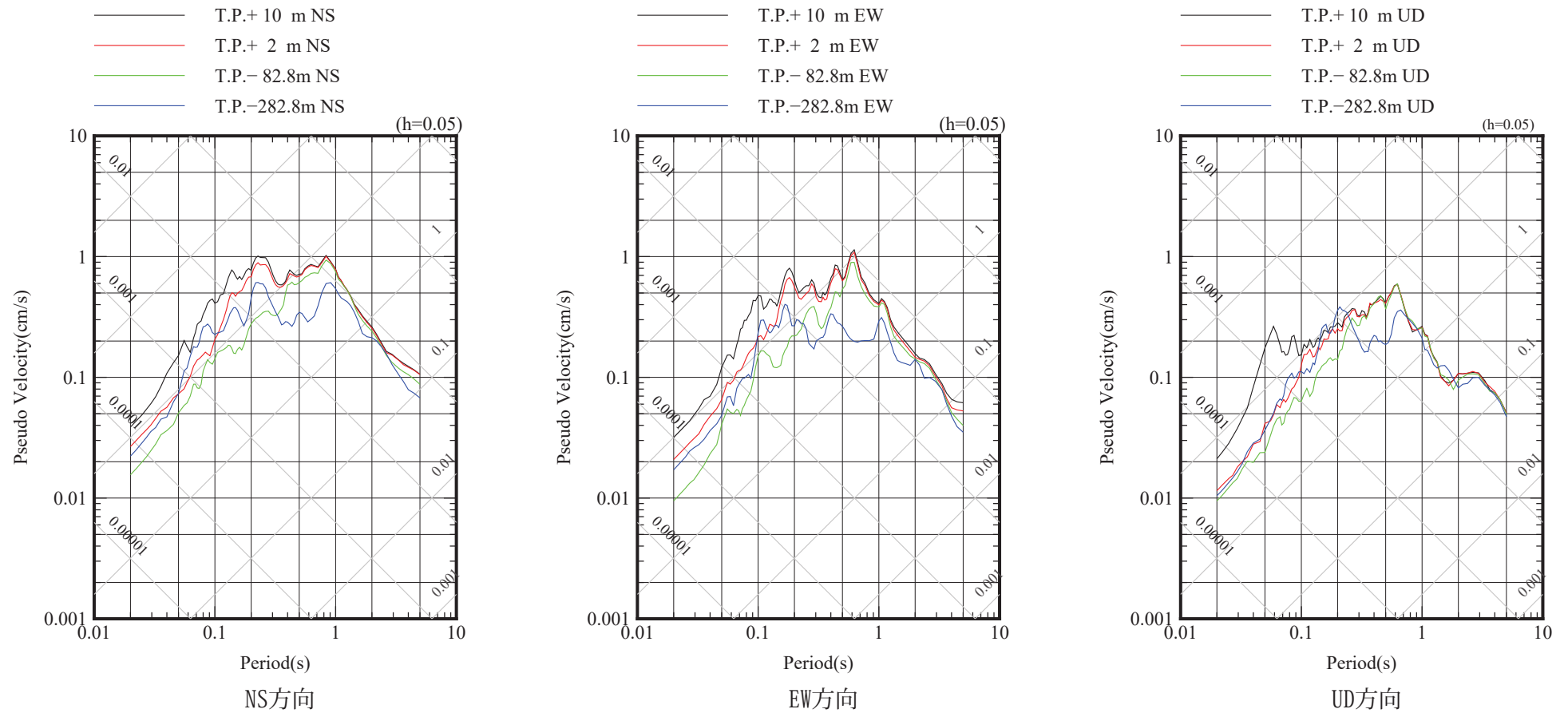
自由地盤 検討に用いた地震の擬似速度応答スペクトル

2018/9/6 (6:11) M5.4, 深さ=38km, 震央距離=173km, 震源距離=177km



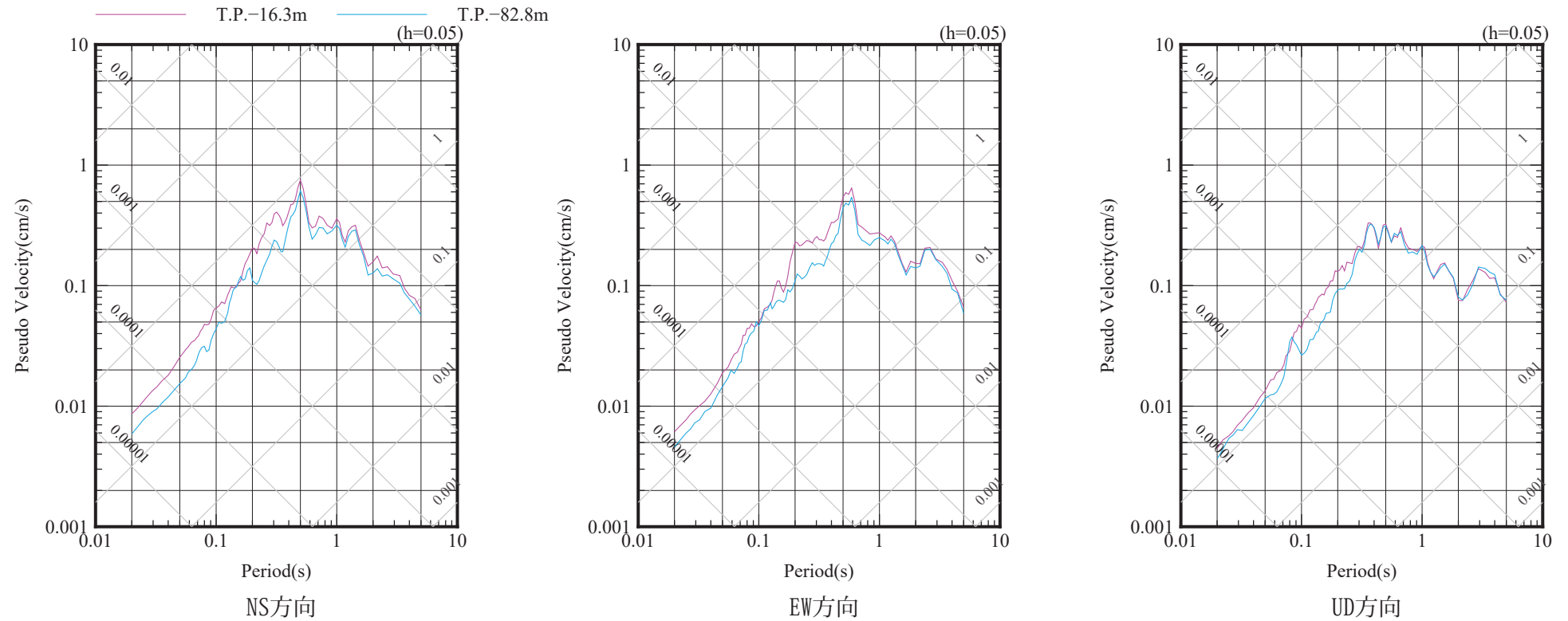
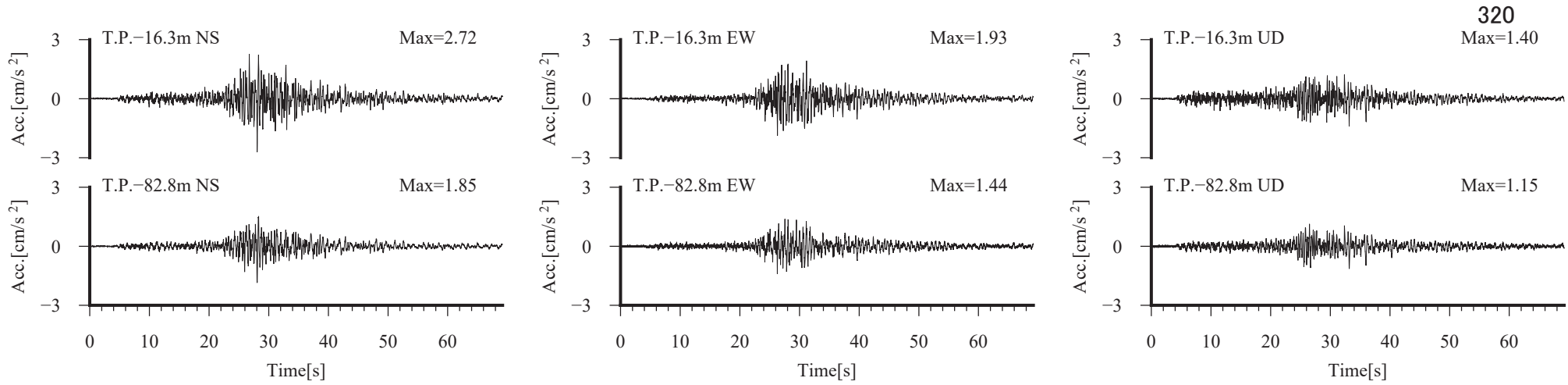
自由地盤 検討に用いた地震の加速度時刻歴波形

2019/12/19 (15:21) M5.5, 深さ=50km, 震央距離=100km, 震源距離=112km

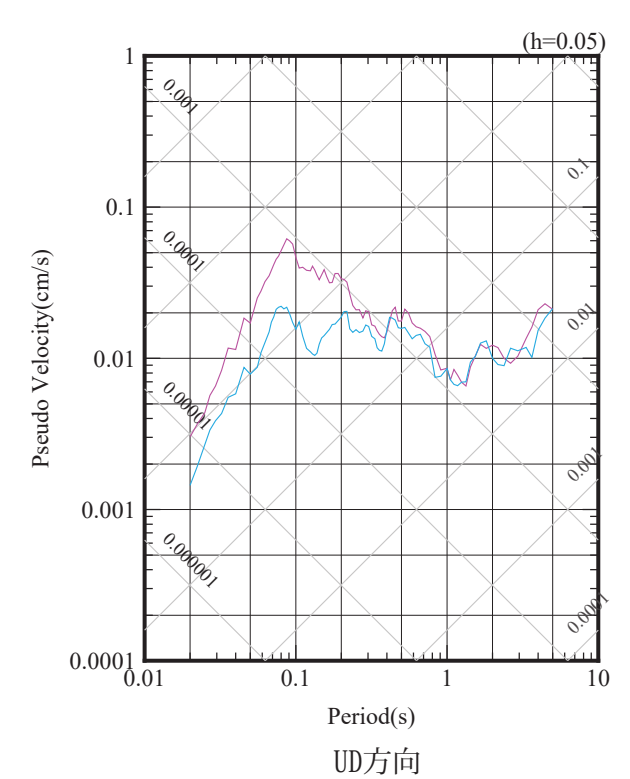
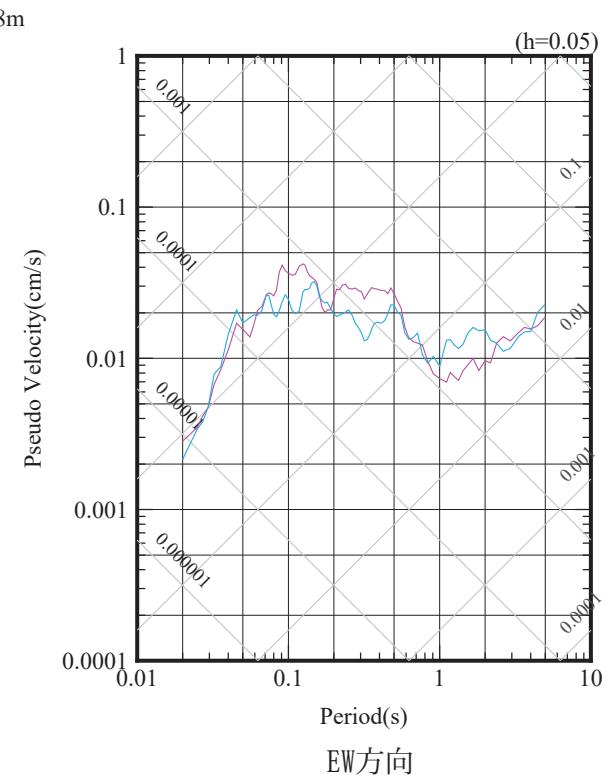
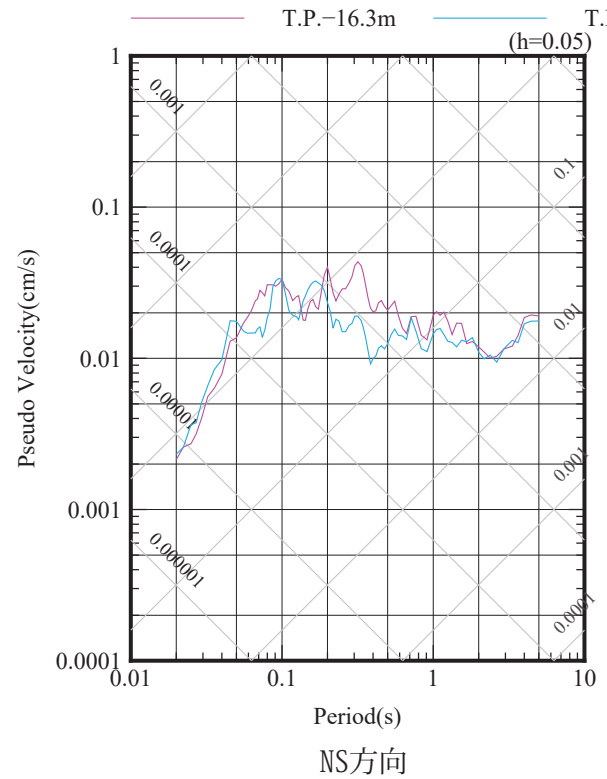
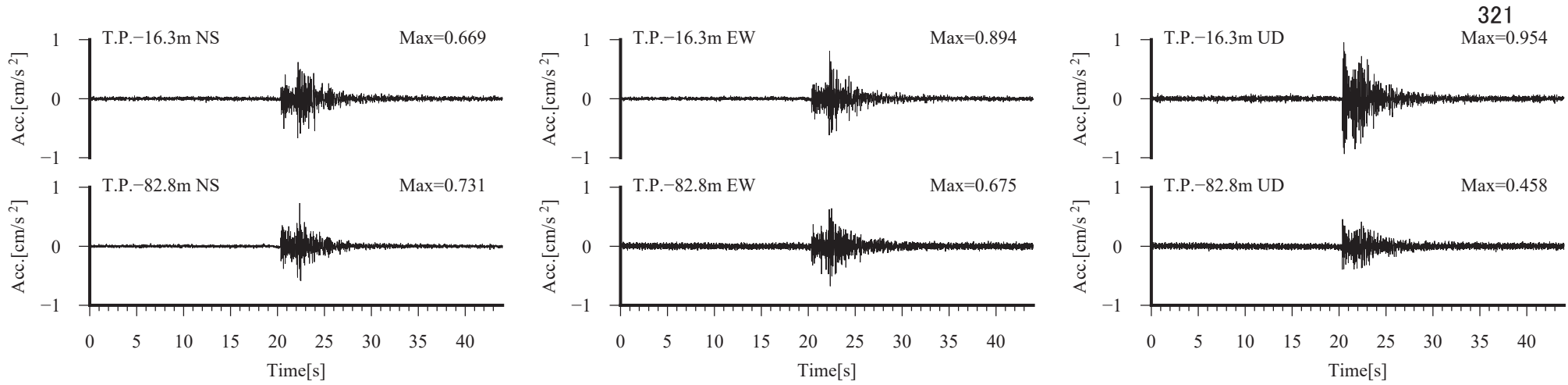


自由地盤 検討に用いた地震の擬似速度応答スペクトル

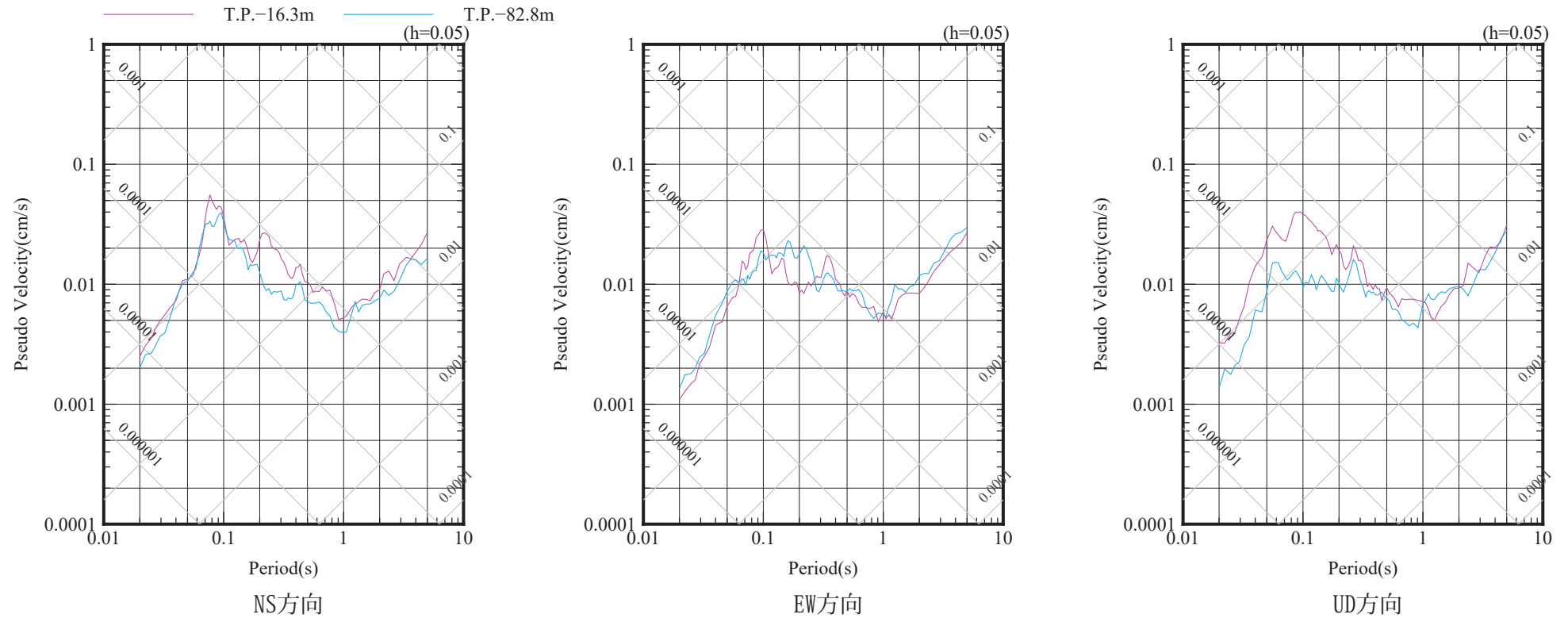
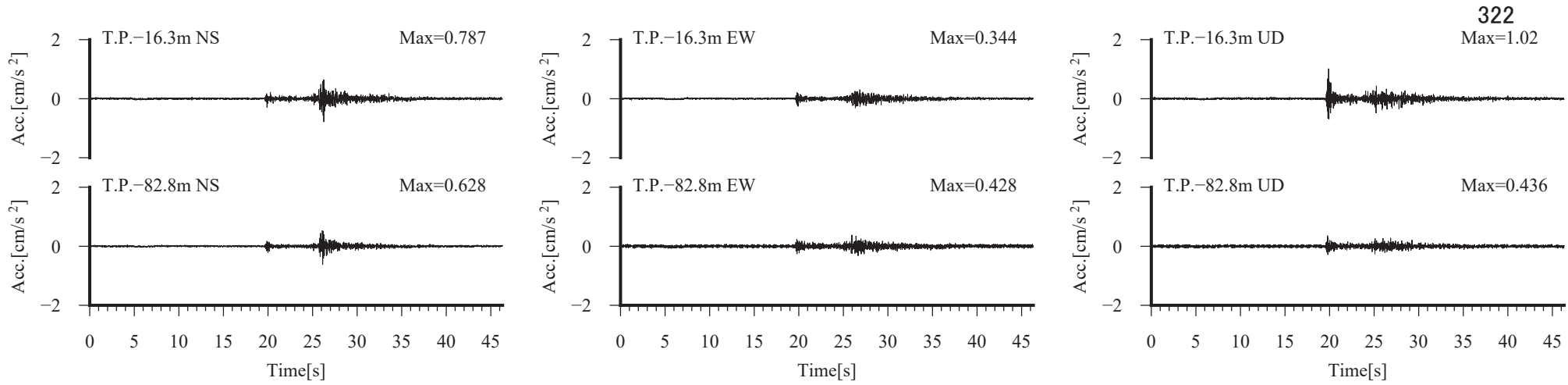
2019/12/19 (15:21) M5.5, 深さ=50km, 震央距離=100km, 震源距離=112km



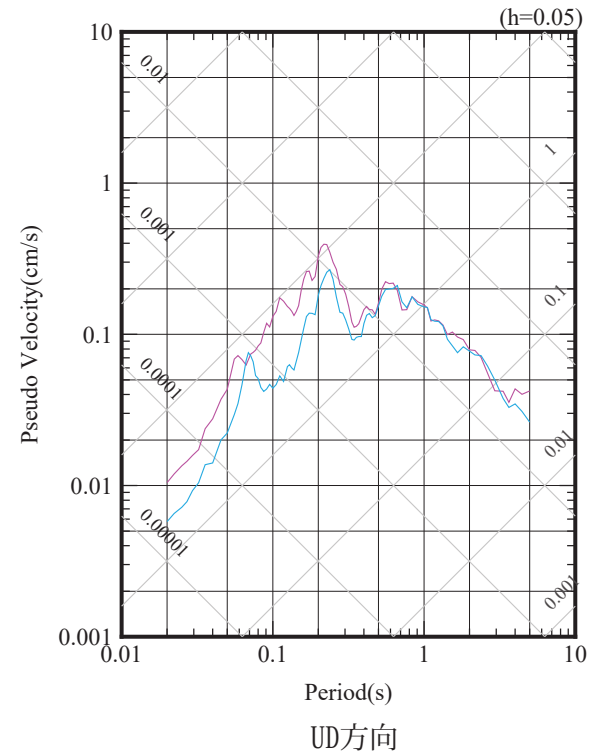
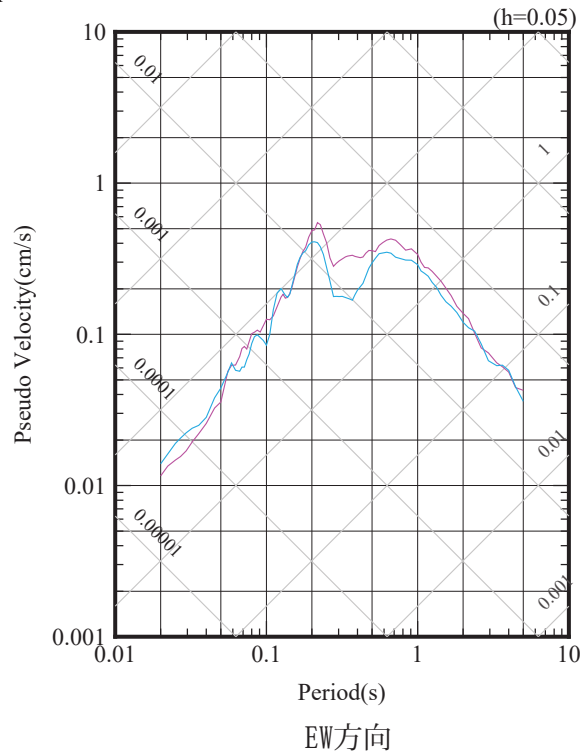
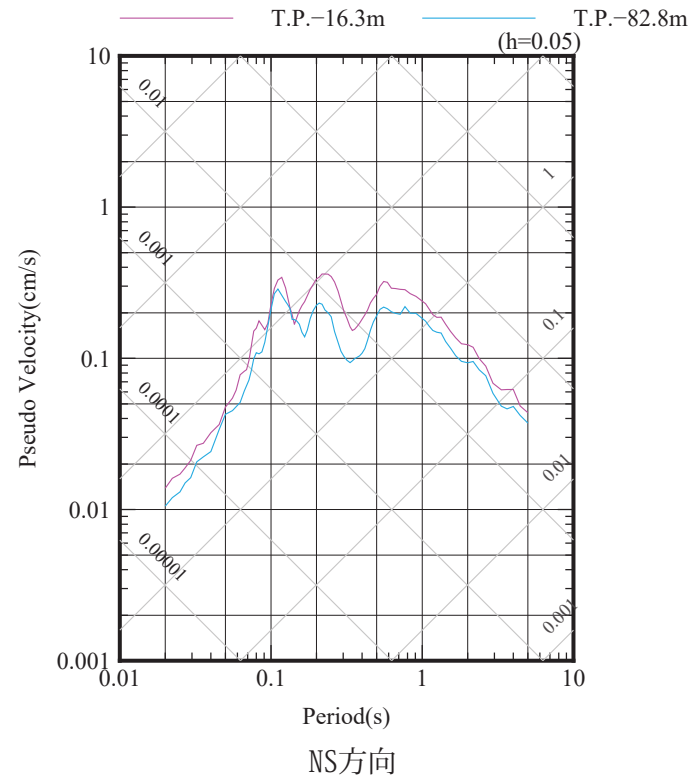
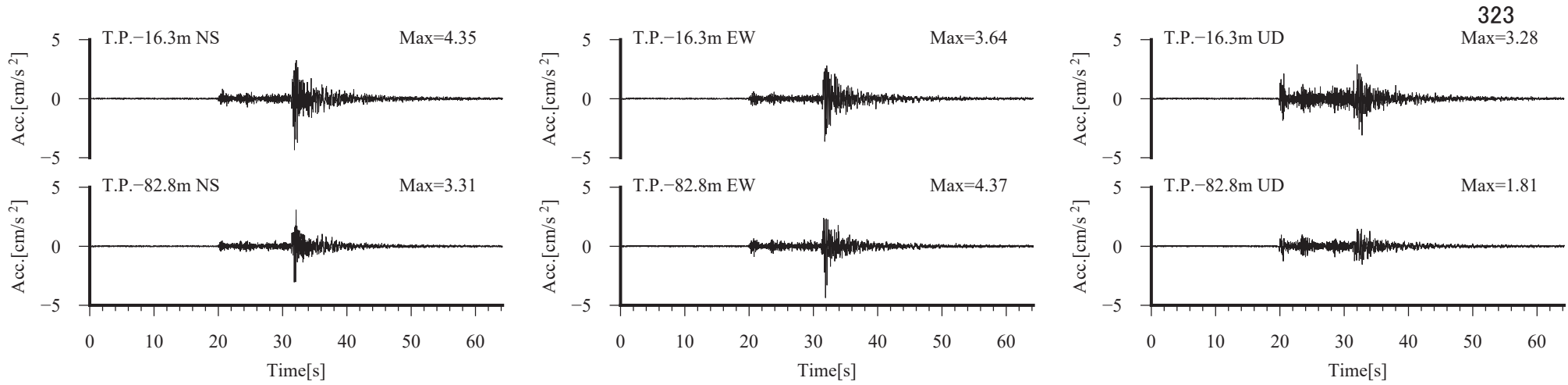
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/8/10 (15:13) M5.8, 深さ=48.15km, 震央距離=180km, 震源距離=186km



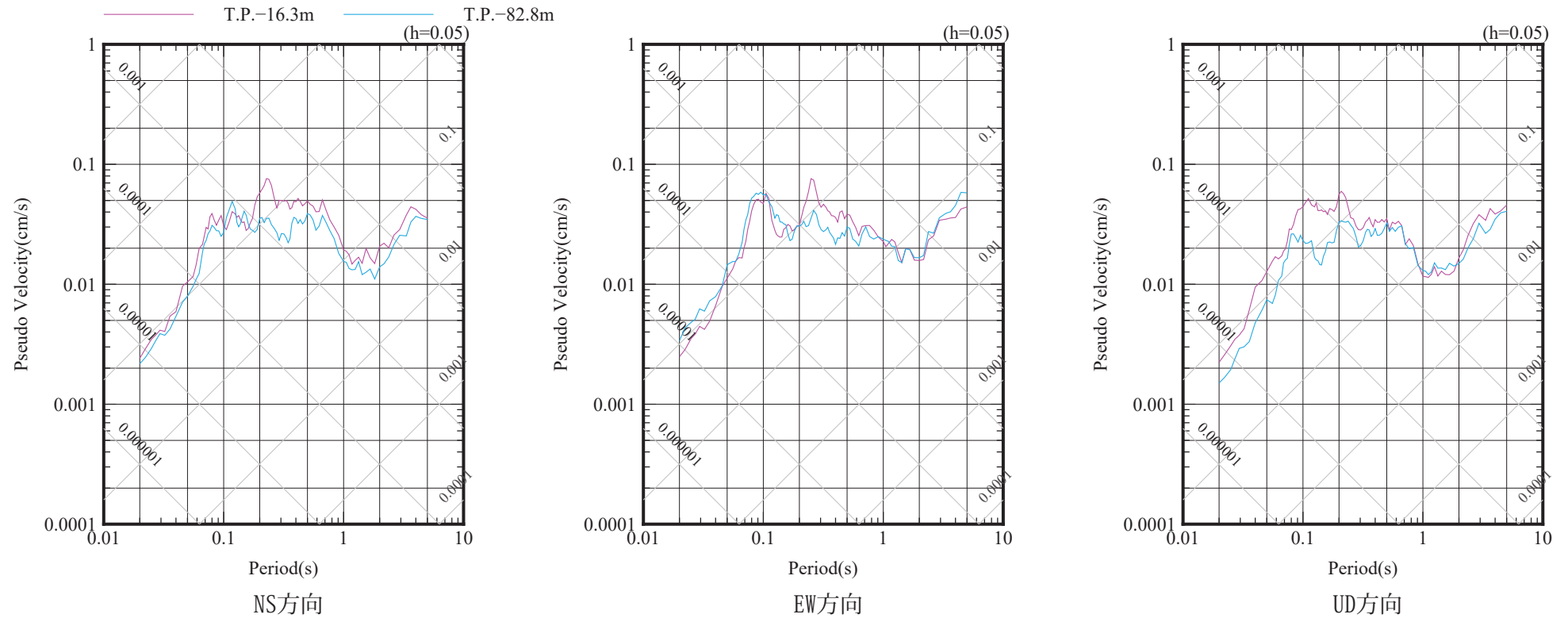
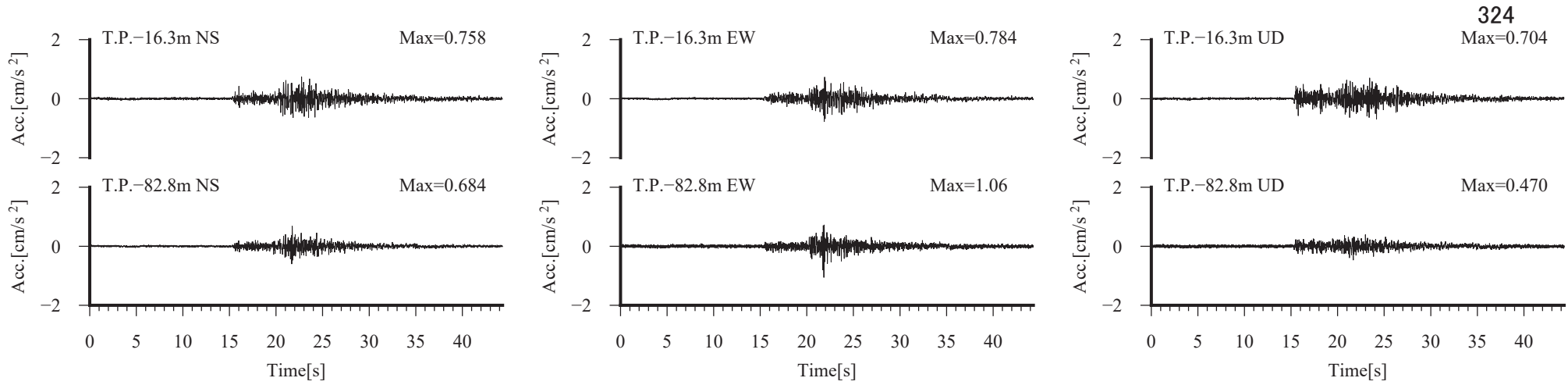
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/8/24 (18:44) M3, 深さ=6.66km, 震央距離=11km, 震源距離=13km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/9/4 (11:18) M3.8, 深さ=13.5km, 震央距離=49km, 震源距離=51km

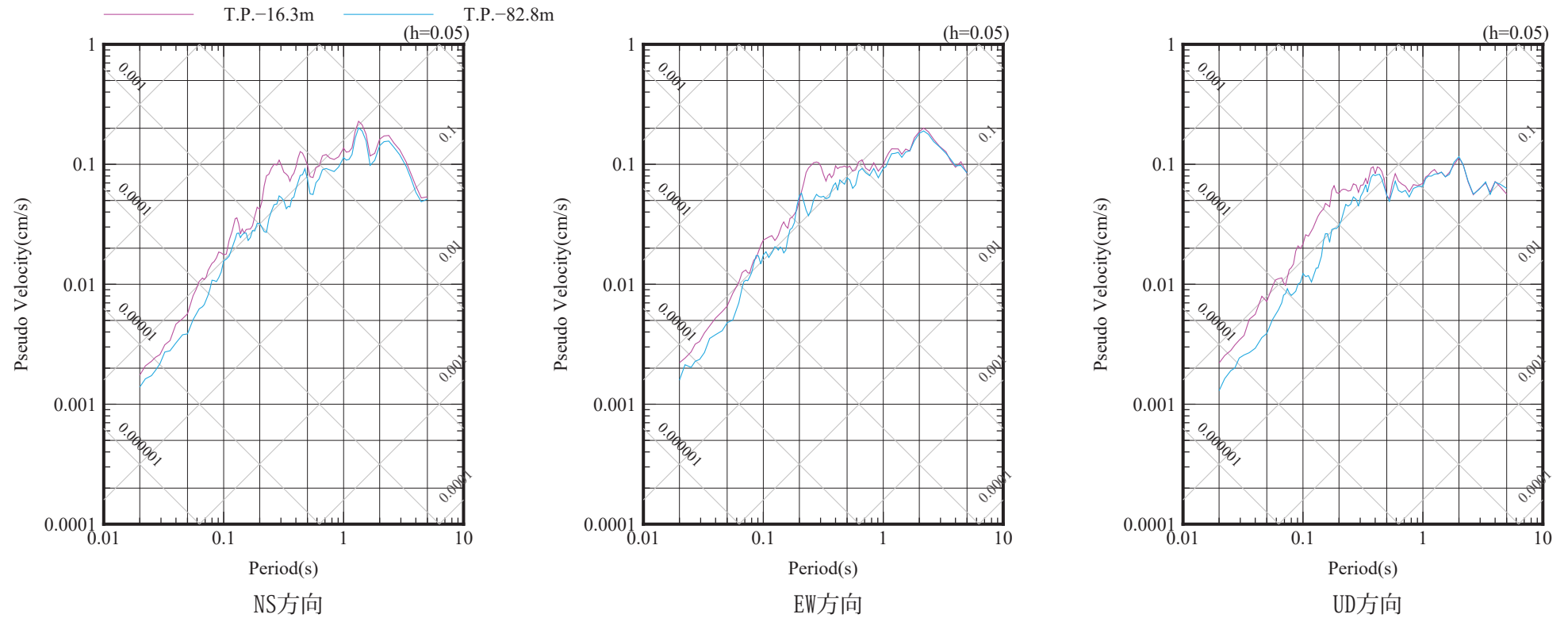
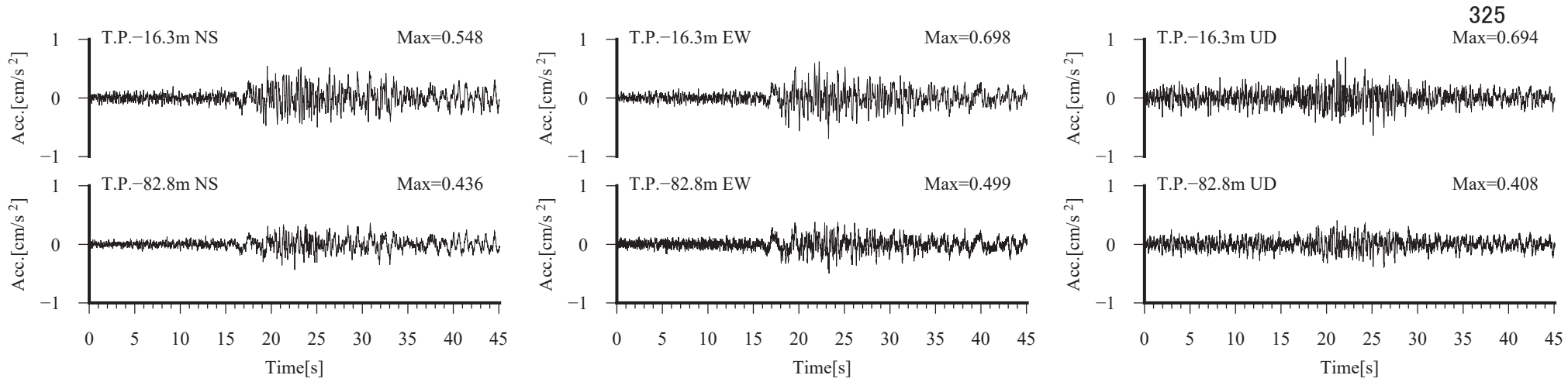


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/9/22 (20:3) M4.8, 深さ=108.58km, 震央距離=26km, 震源距離=112km

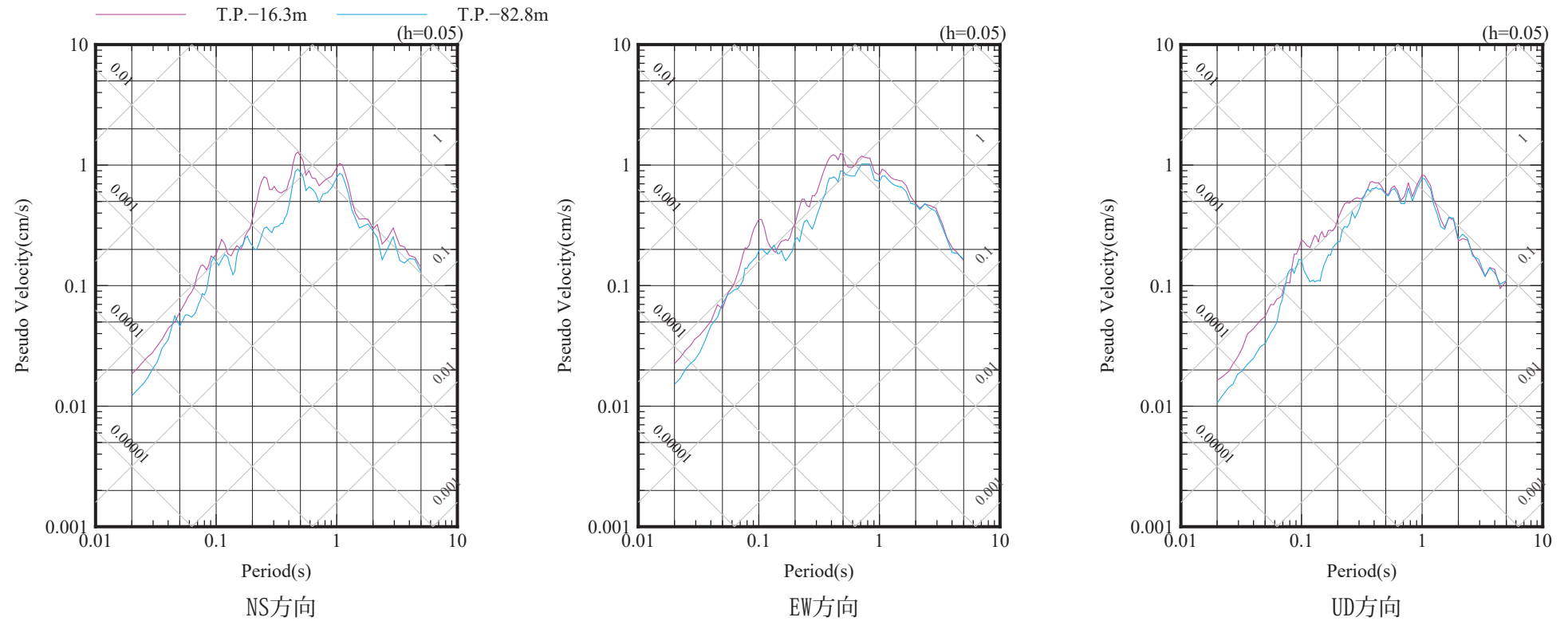
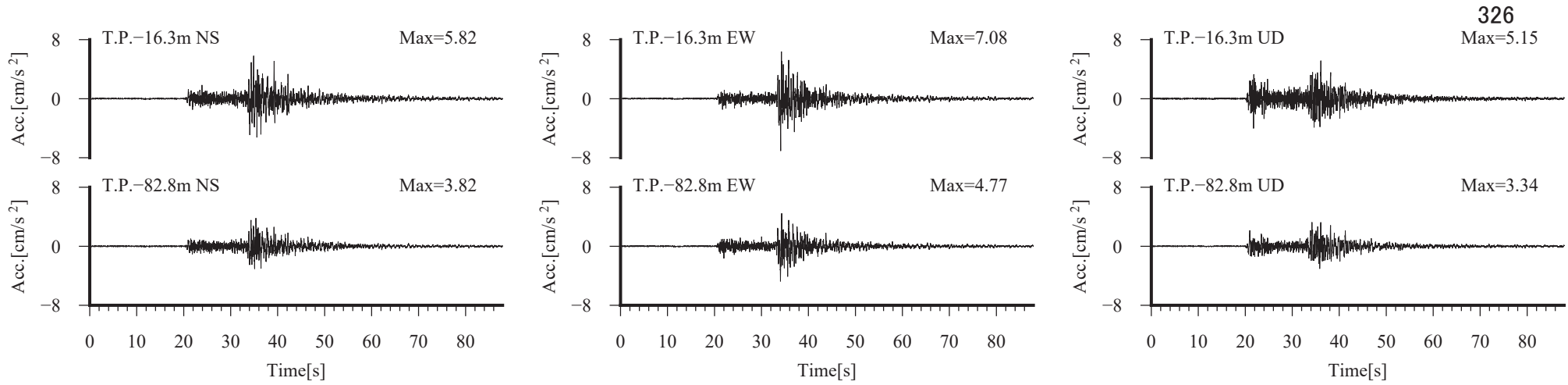


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/10/20 (11:16) M3.9, 深さ=7.84km, 震央距離=39km, 震源距離=40km

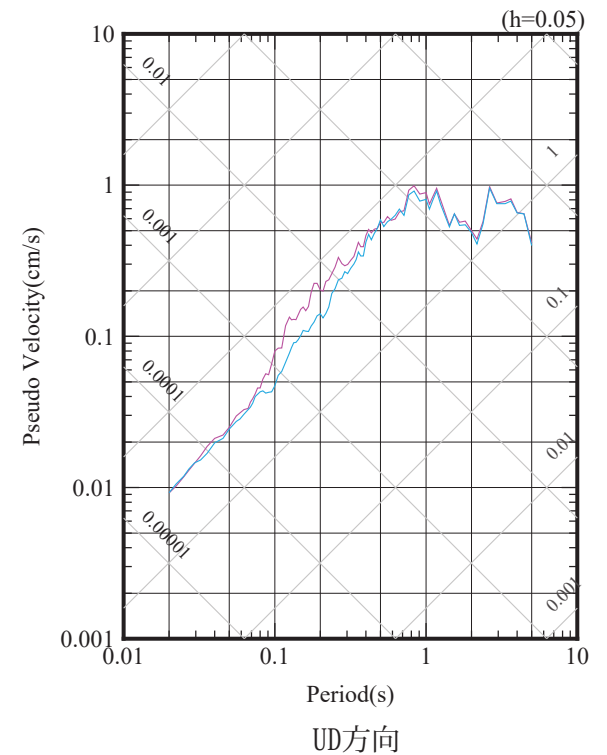
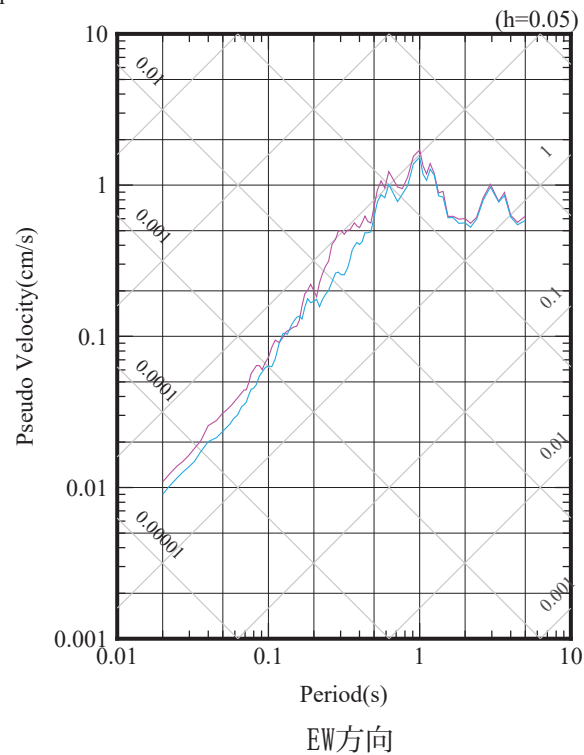
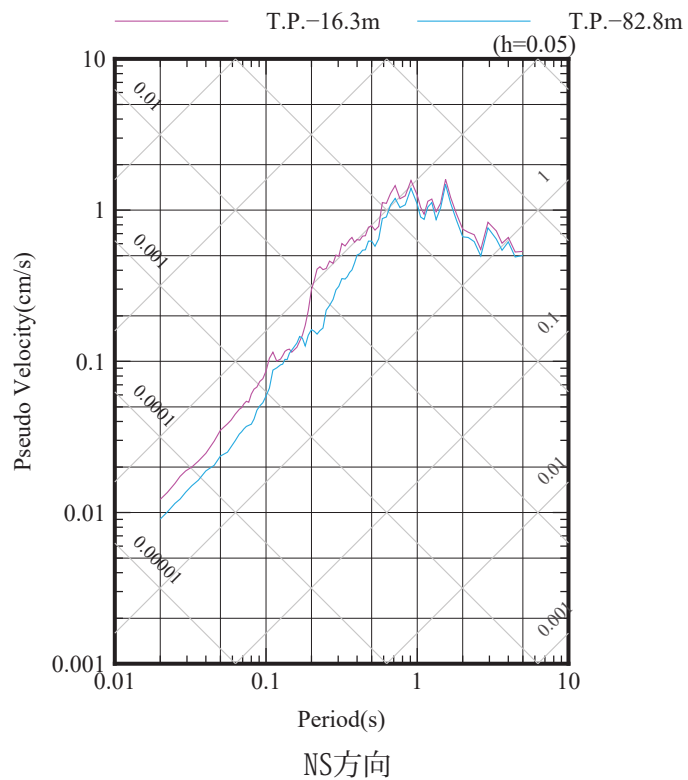
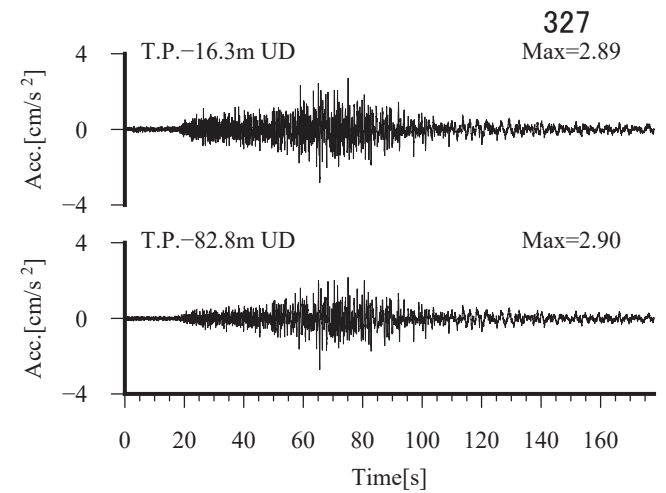
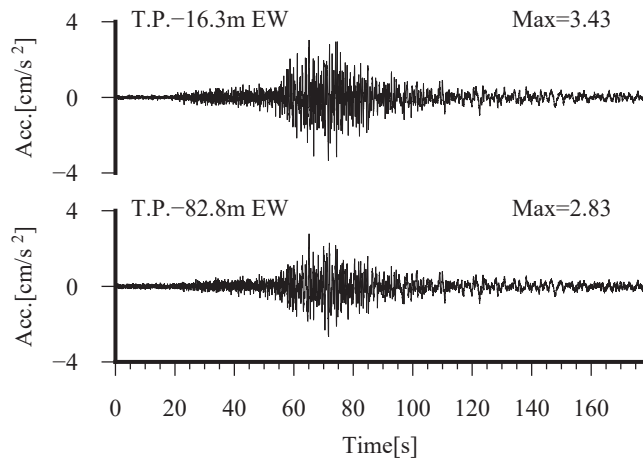
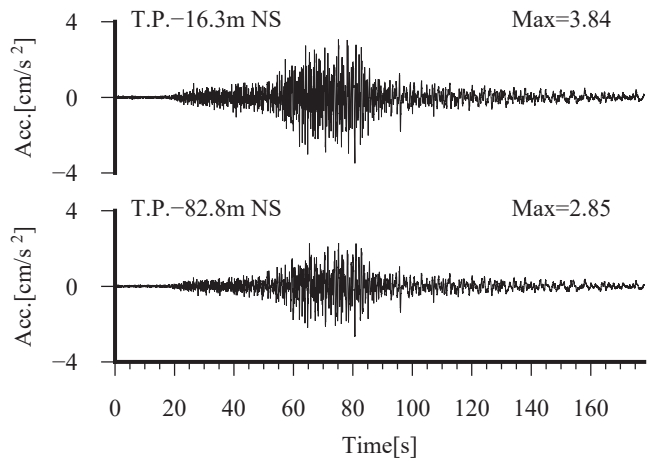




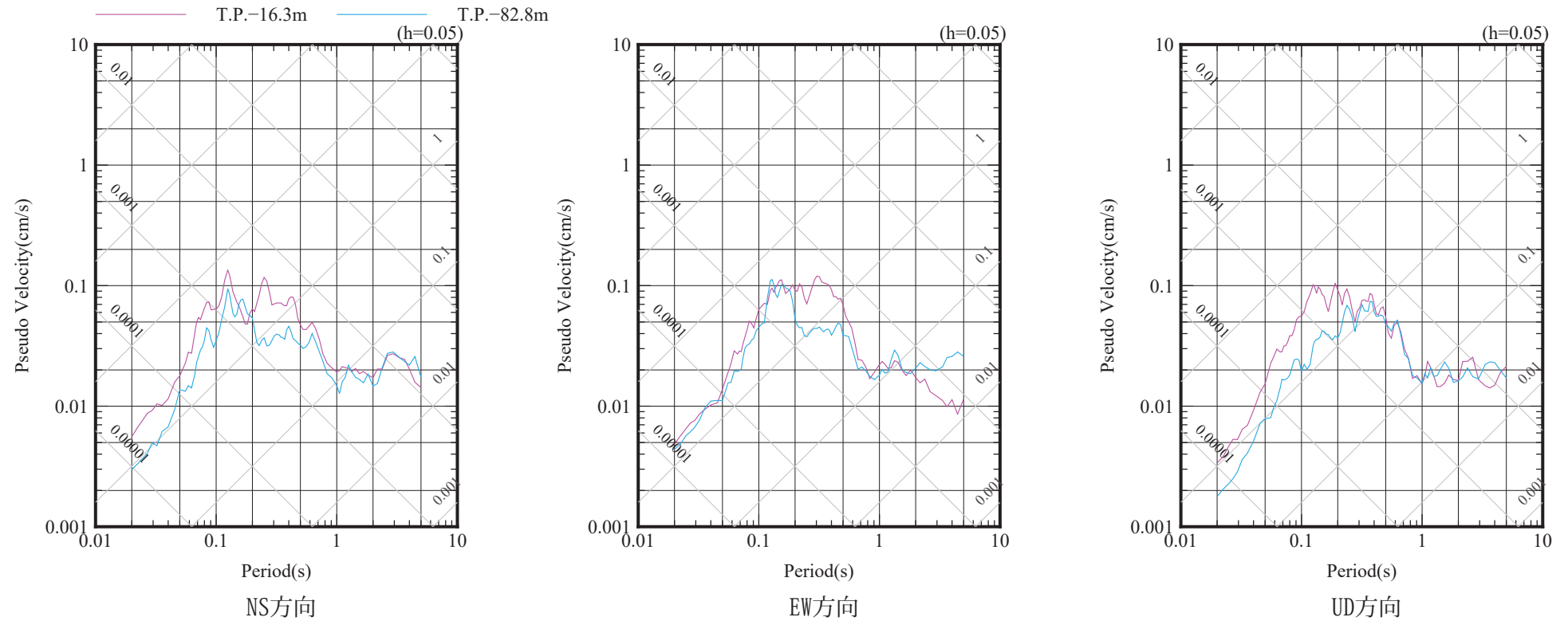
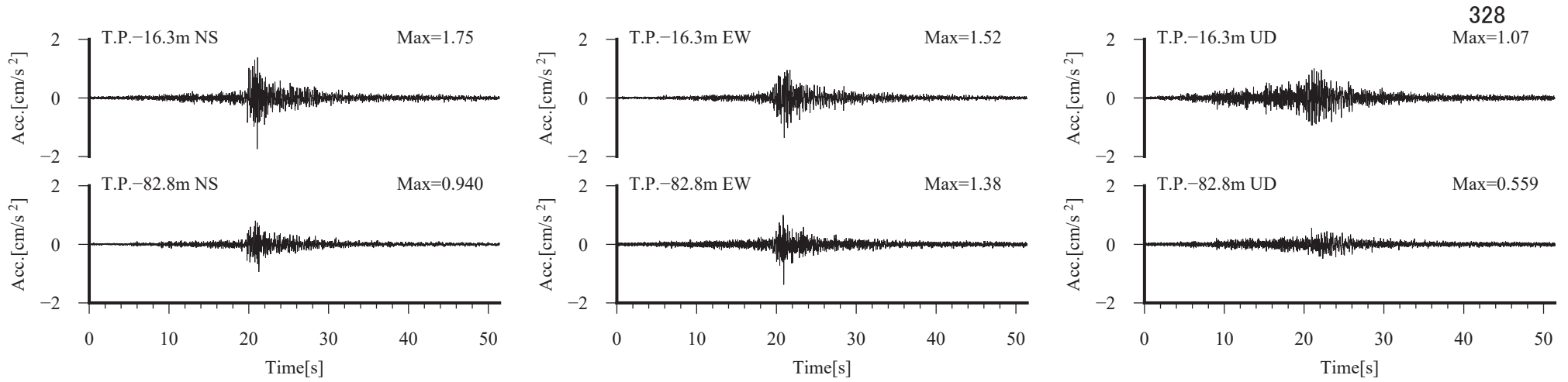
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2004/11/27 (7:42) M5.6, 深さ=51.34km, 震央距離=189km, 震源距離=196km



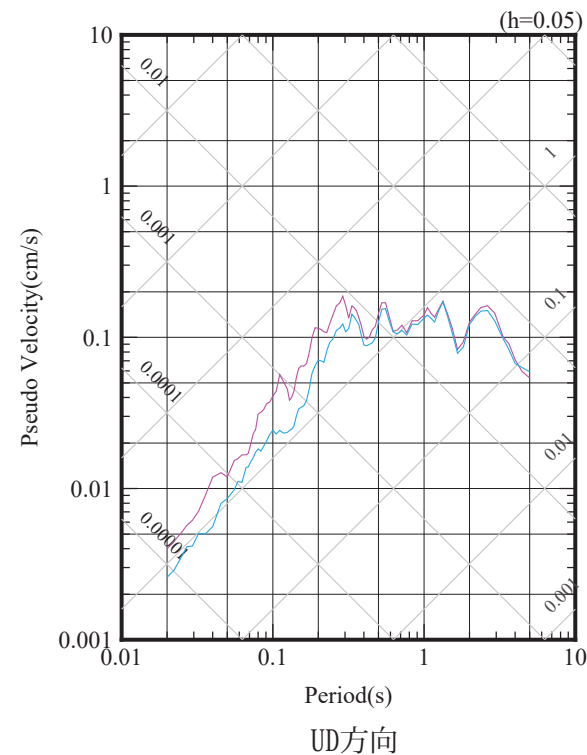
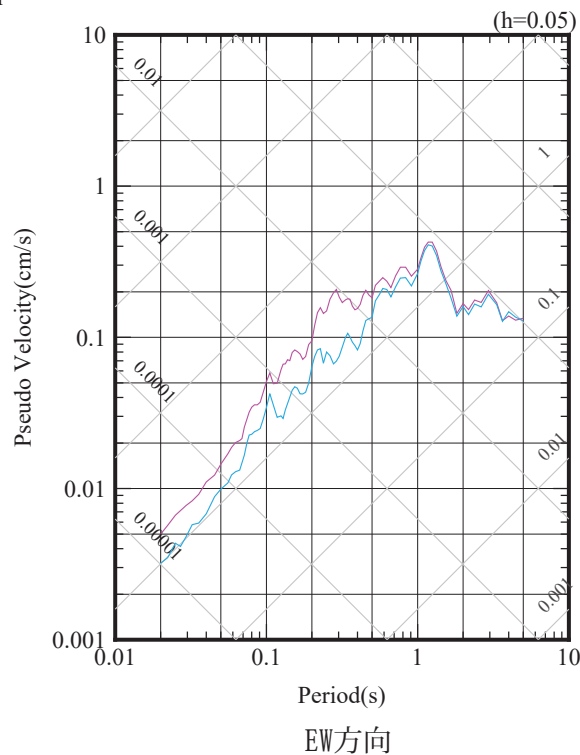
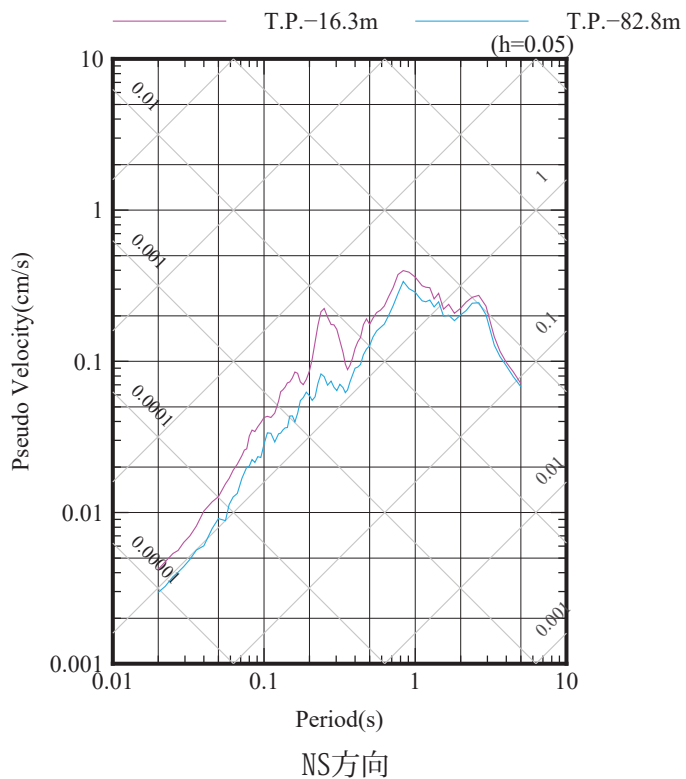
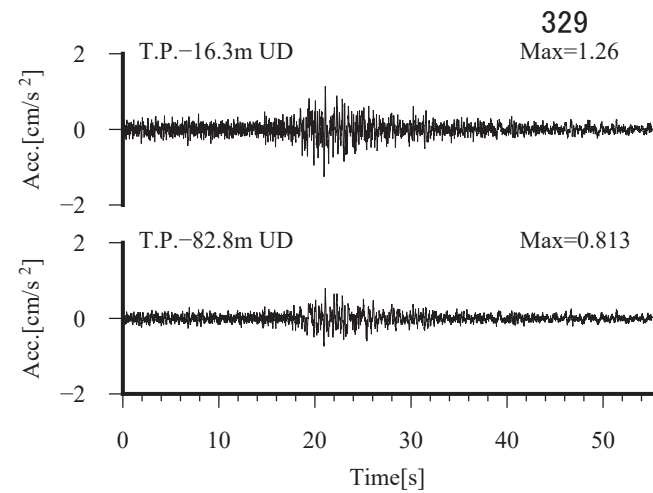
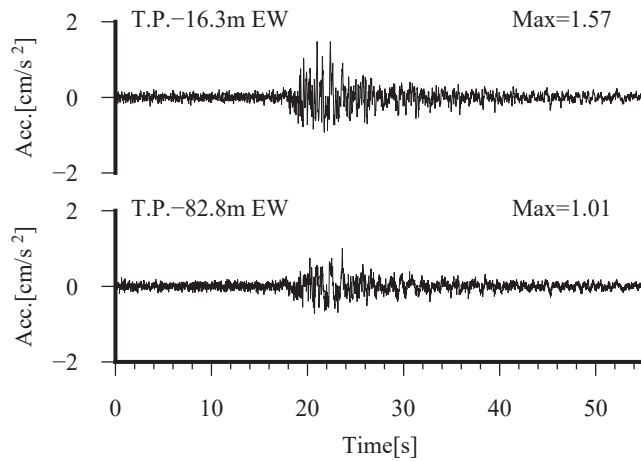
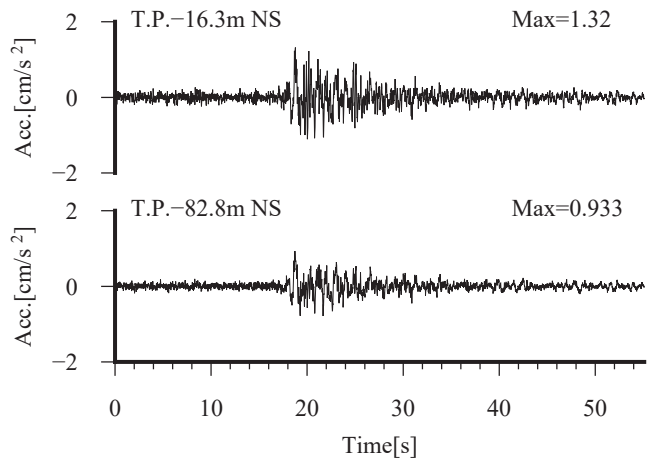
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2005/2/26 (21:37) M5.7, 深さ=44.65km, 震央距離=116km, 震源距離=124km



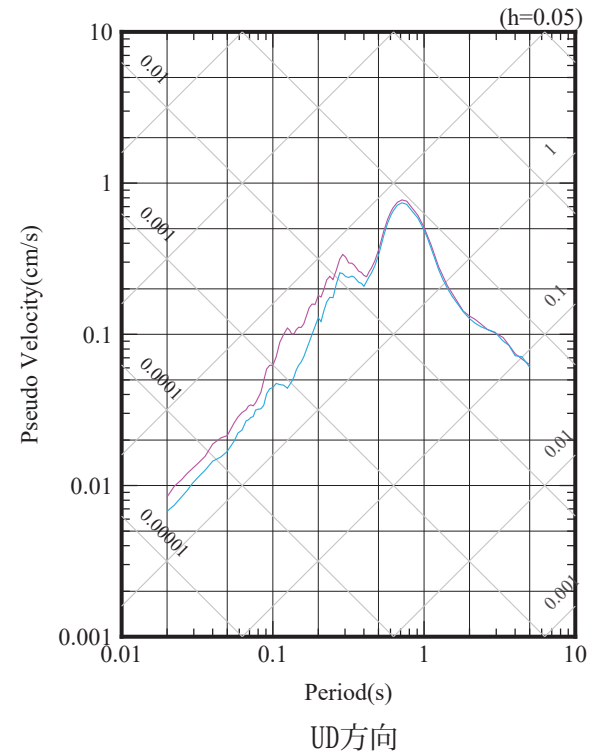
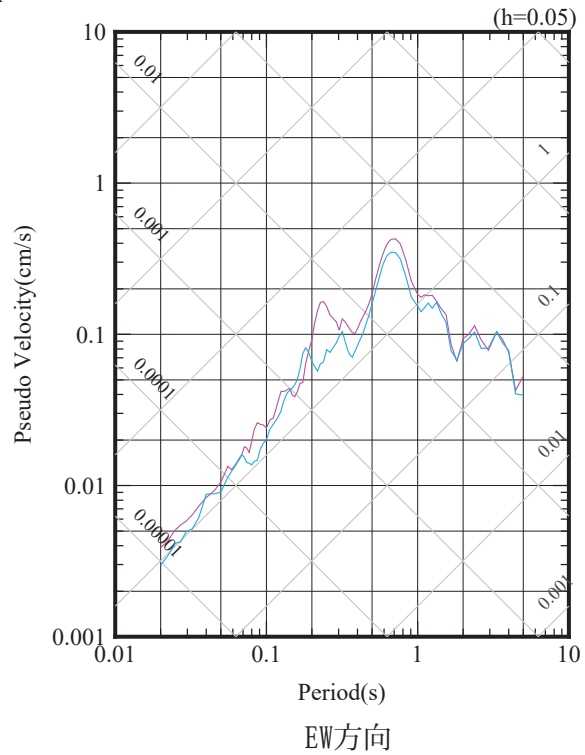
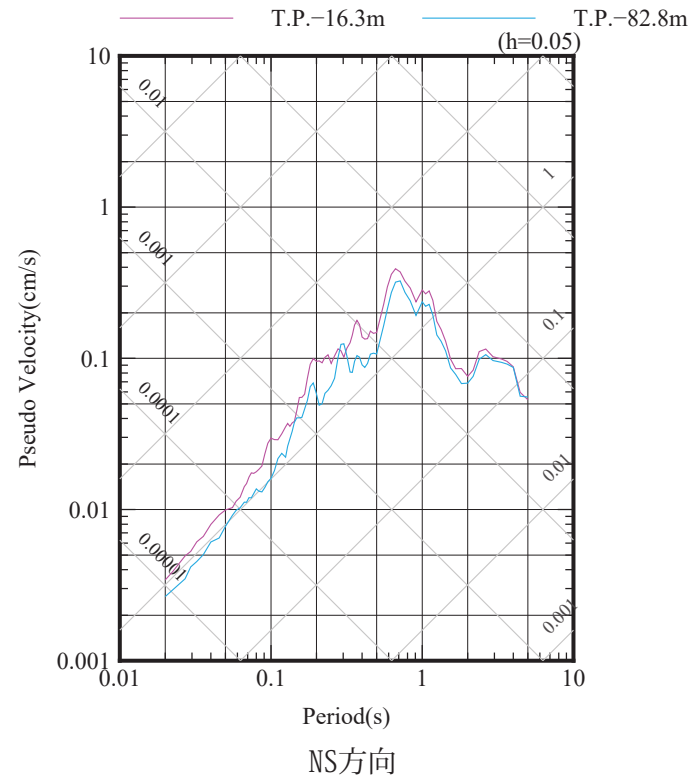
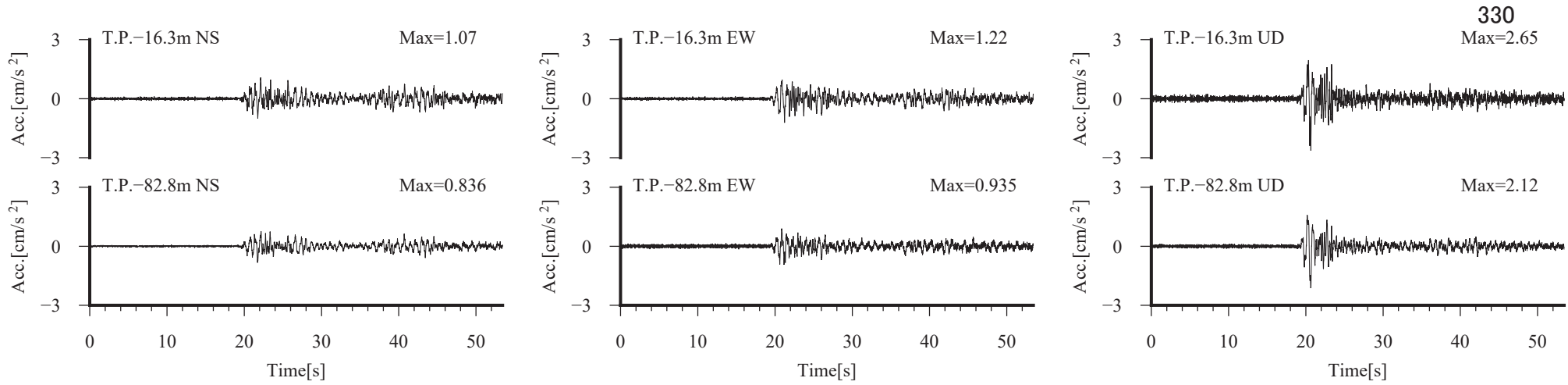
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2005/8/16 (11:46) M7.2, 深さ=42.04km, 震央距離=346km, 震源距離=348km



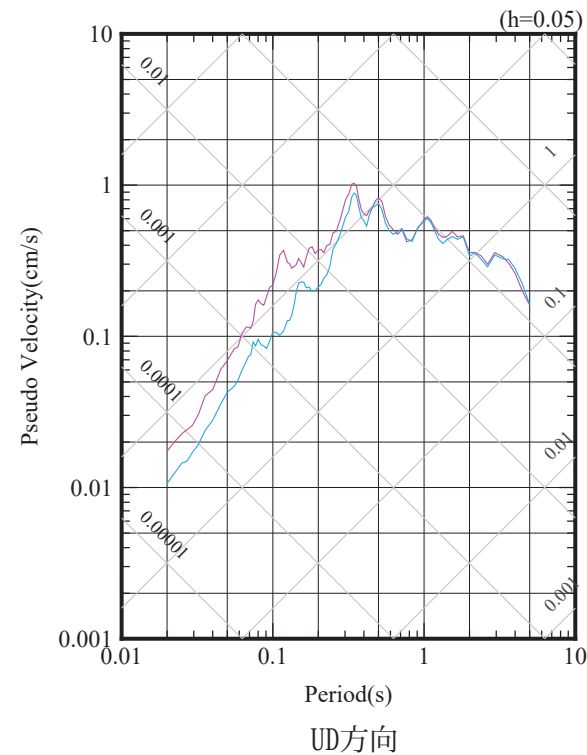
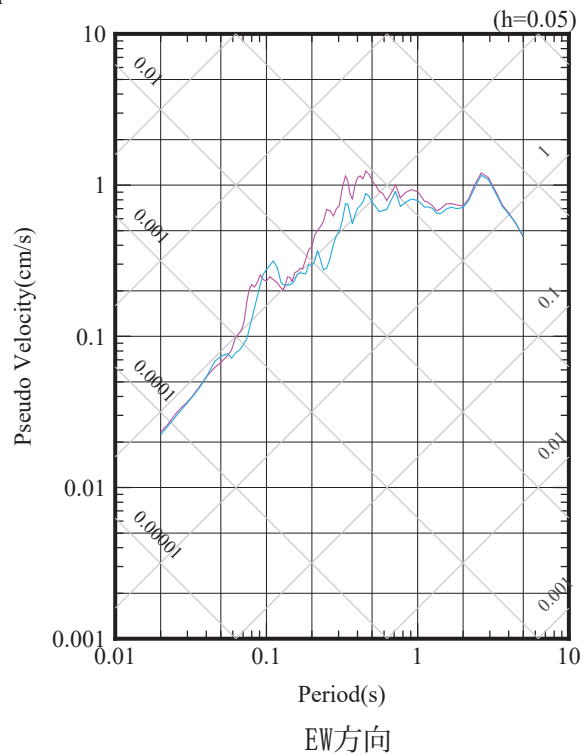
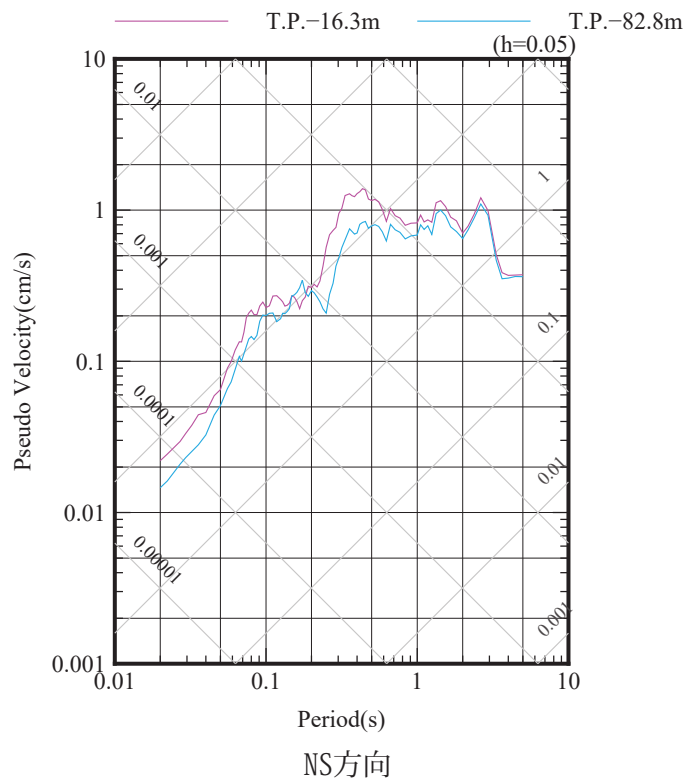
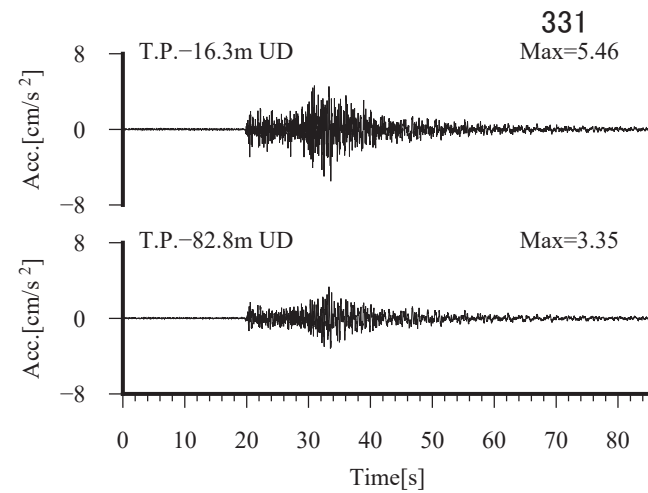
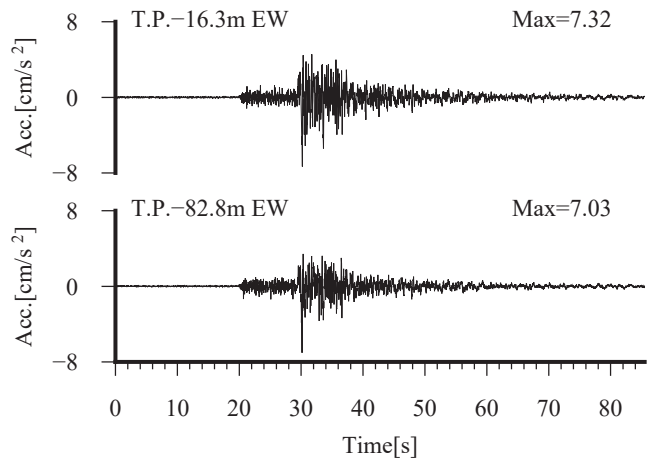
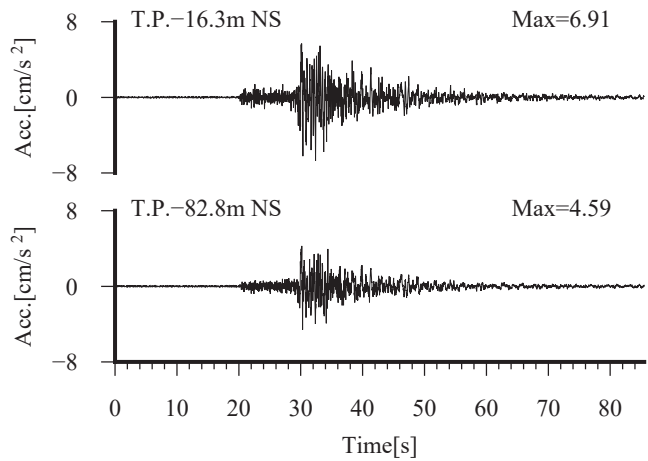
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2007/3/15 (14:43) M4.5, 深さ=122.6km, 震央距離=84km, 震源距離=148km



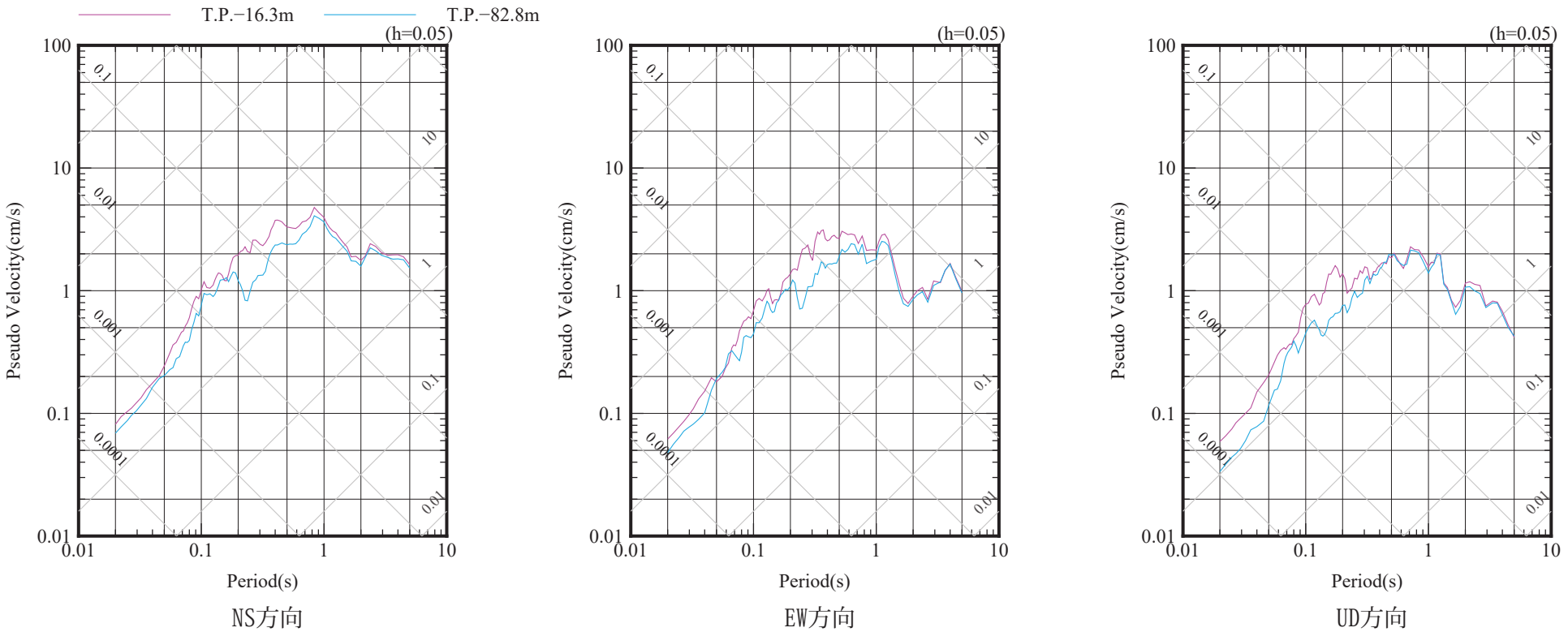
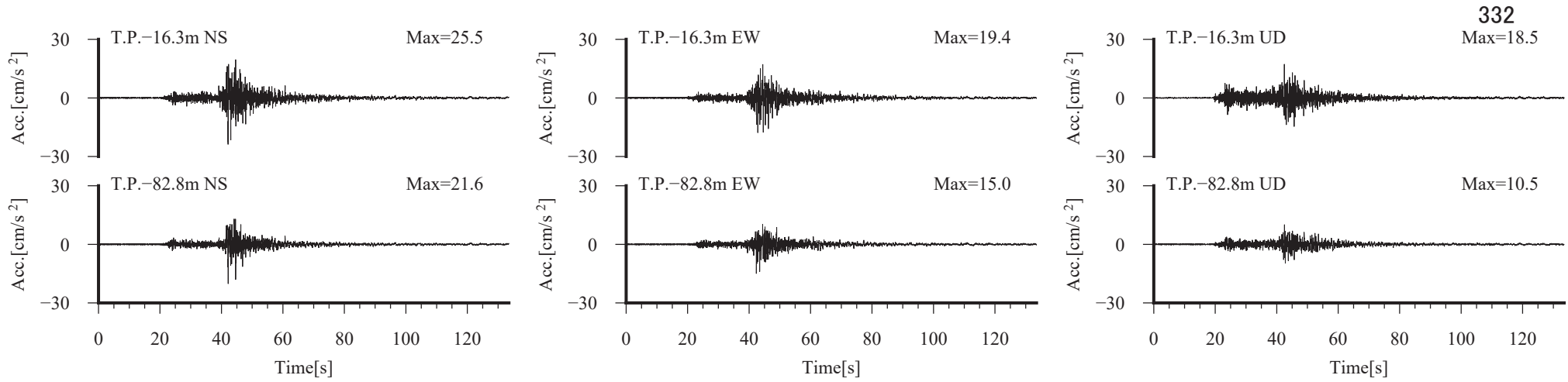
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2007/4/19 (0:7) M5.6, 深さ=126.18km, 震央距離=171km, 震源距離=213km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2007/8/22 (16:26) M5.4, 深さ=121.81km, 震央距離=100km, 震源距離=158km

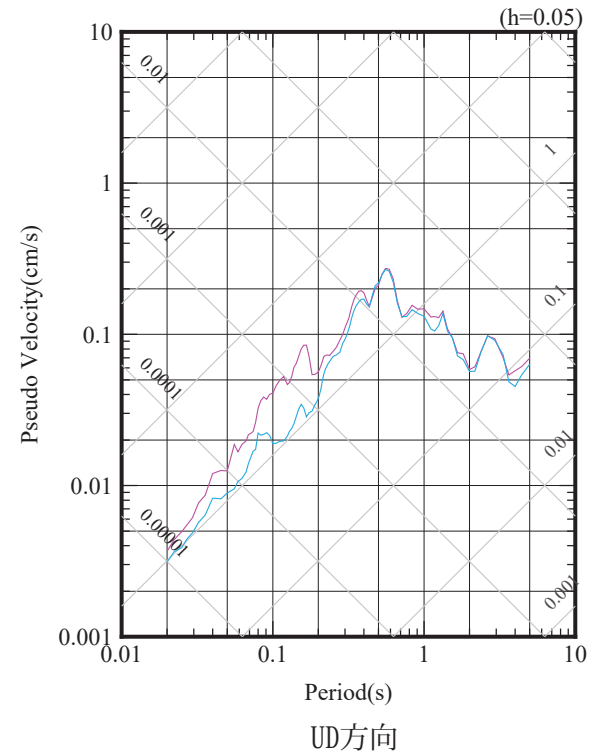
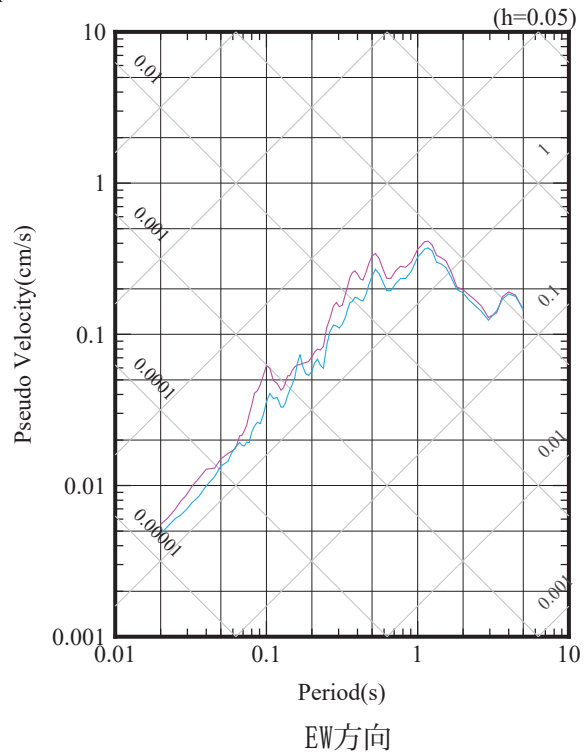
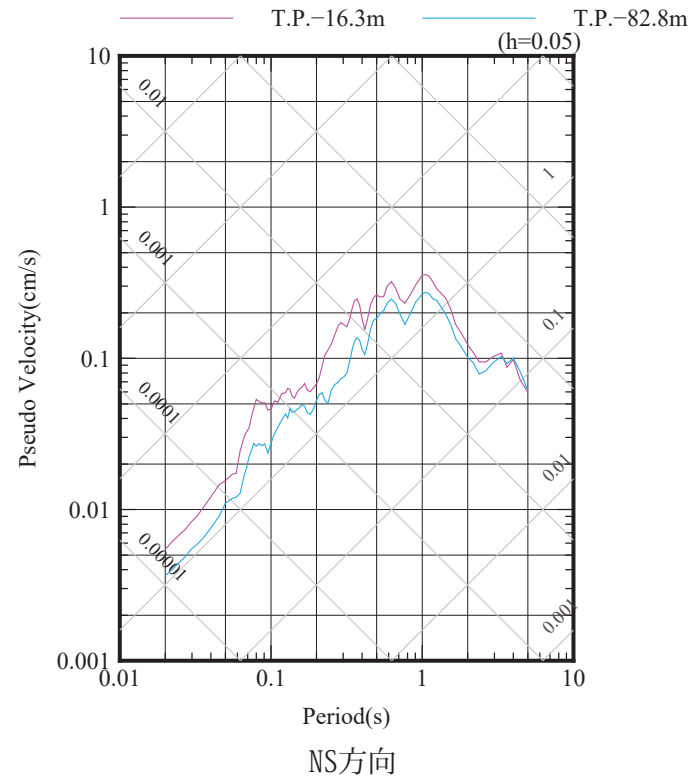
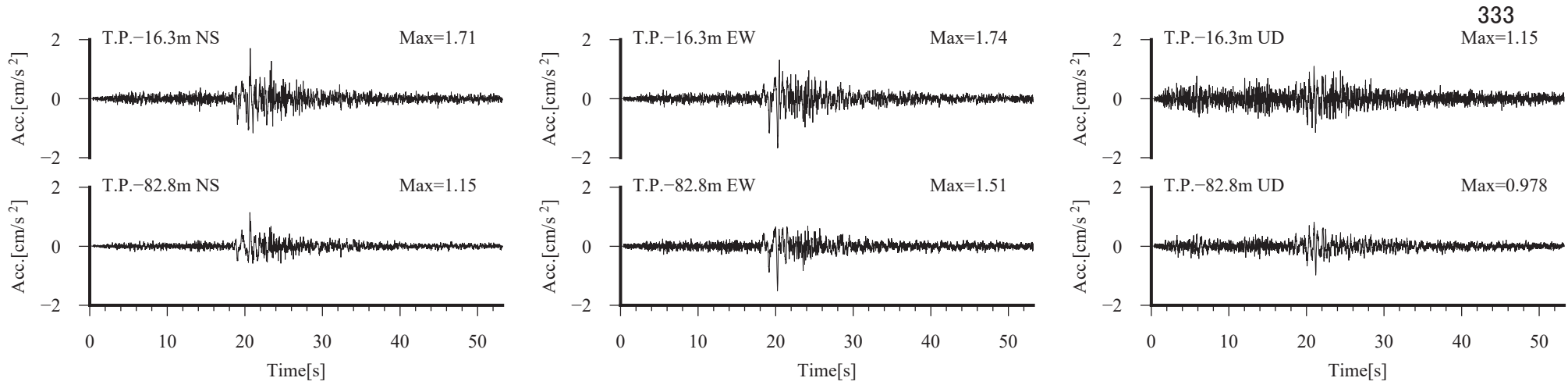


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2008/4/29 (14:26) M5.7, 深さ=61.68km, 震央距離=67km, 震源距離=91km

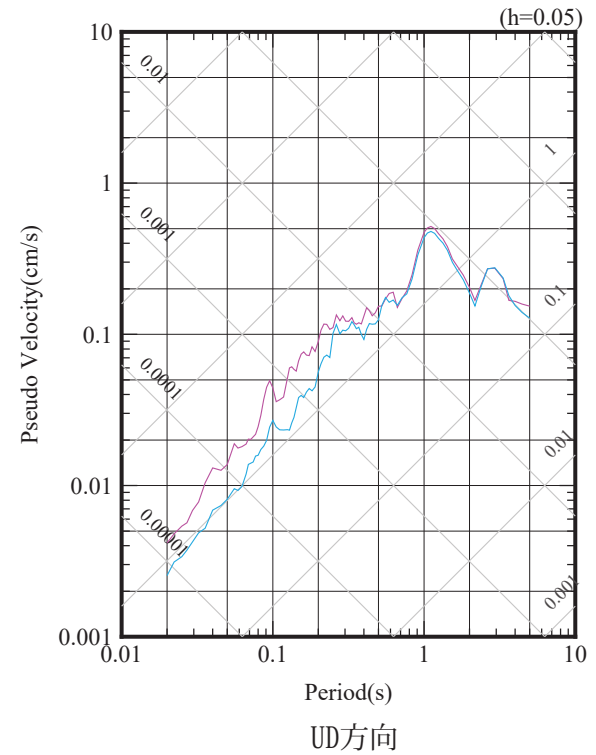
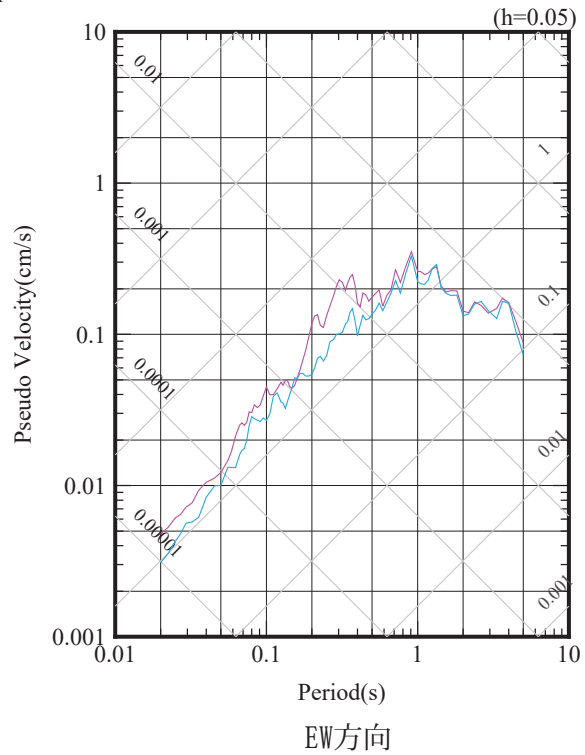
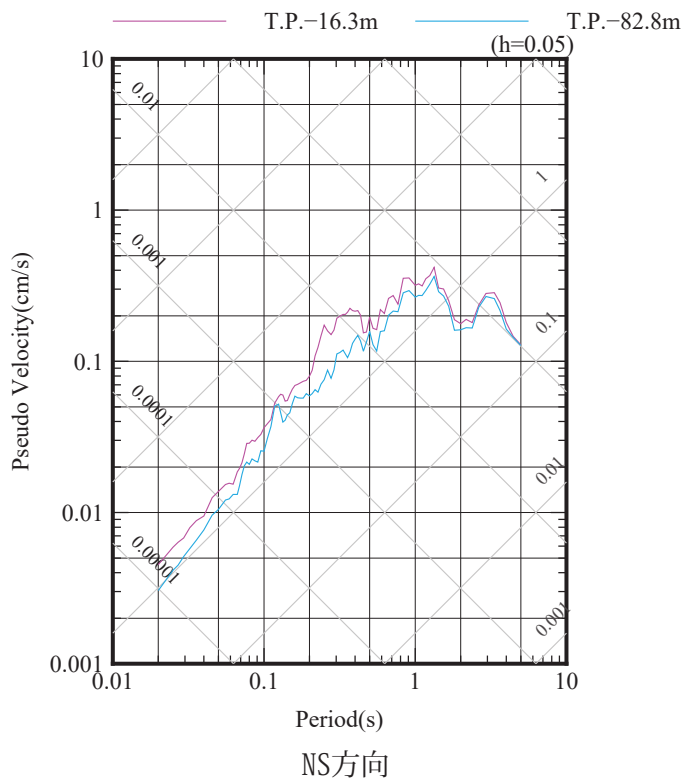
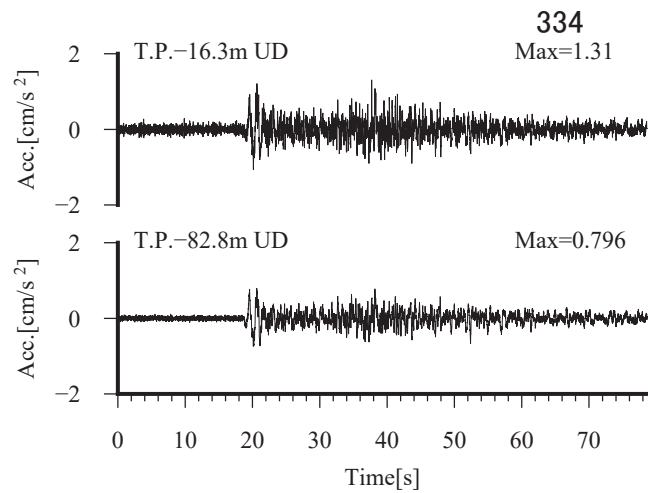
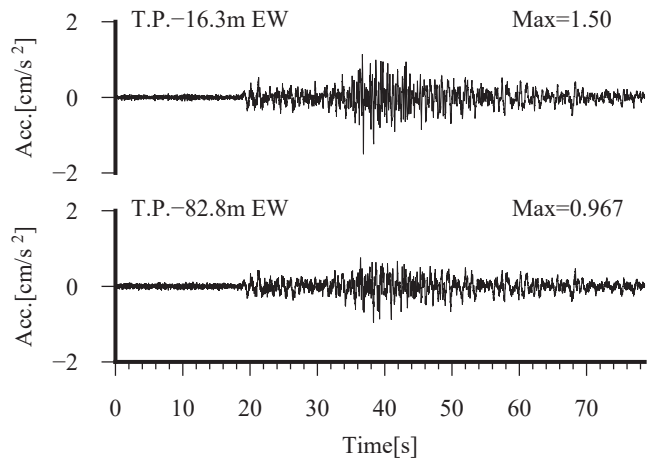
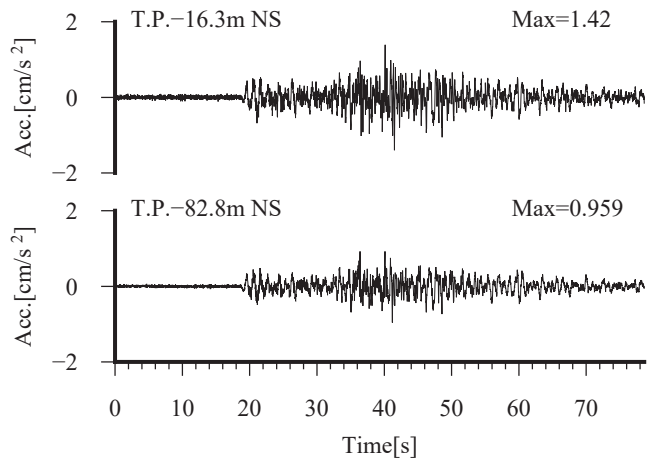


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2008/7/24 (0:26) M6.8, 深さ=108.08km, 震央距離=163km, 震源距離=196km

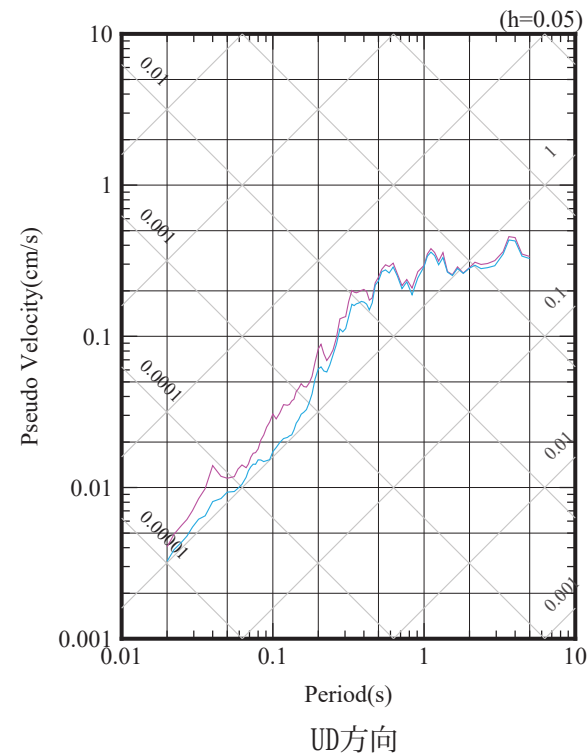
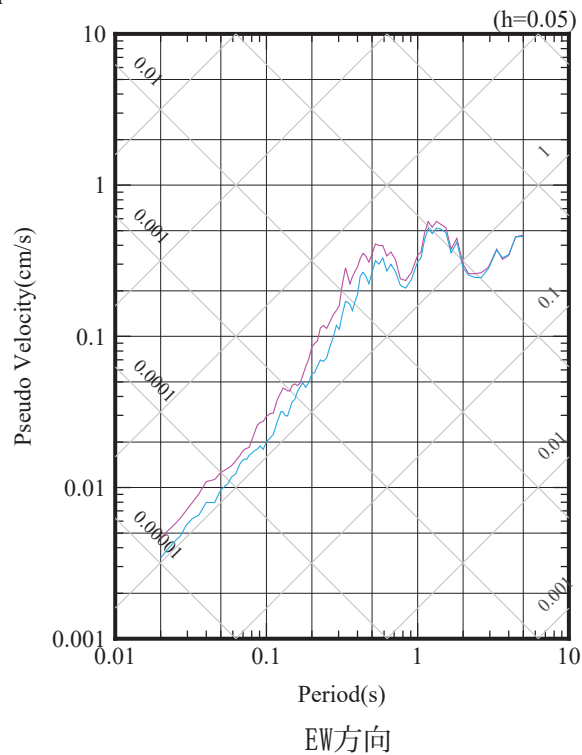
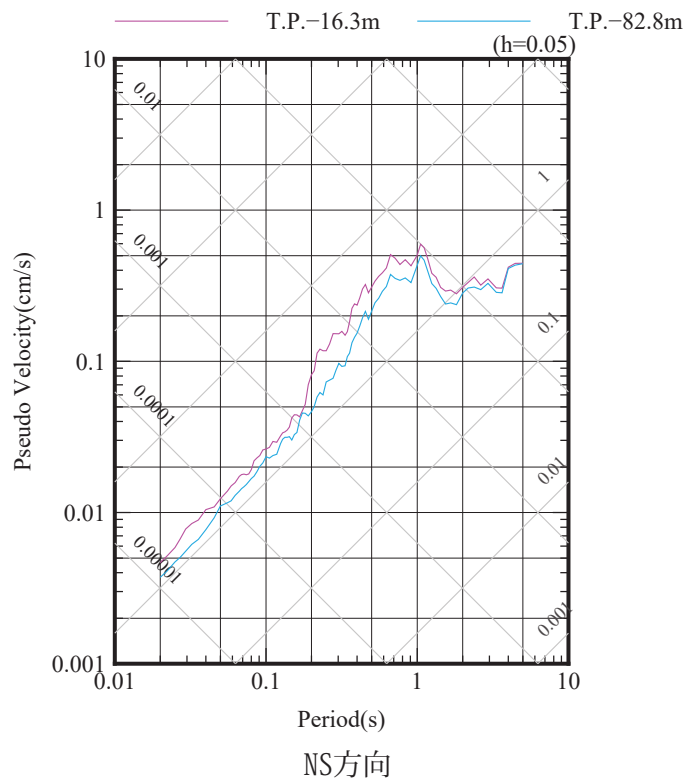
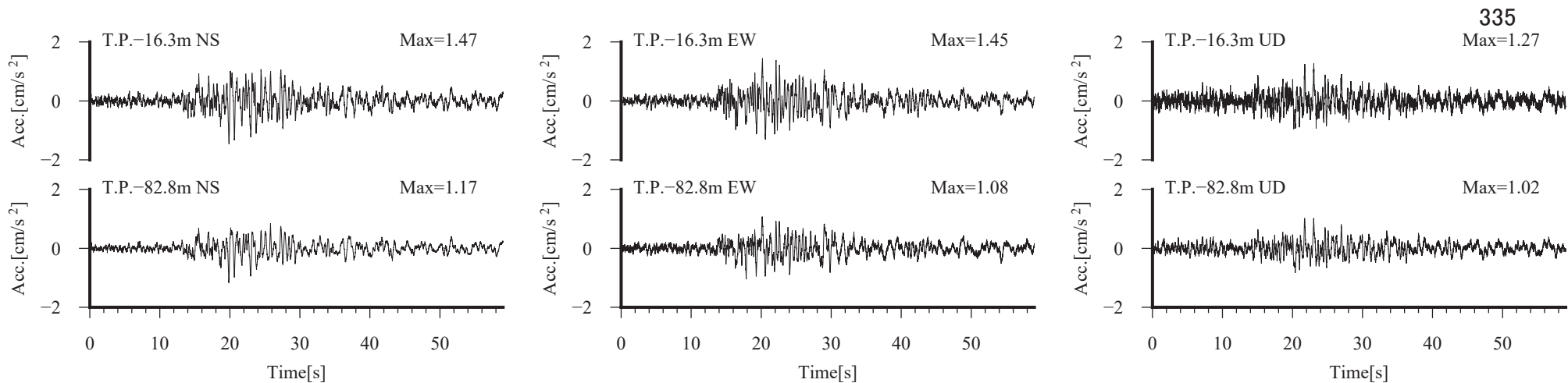




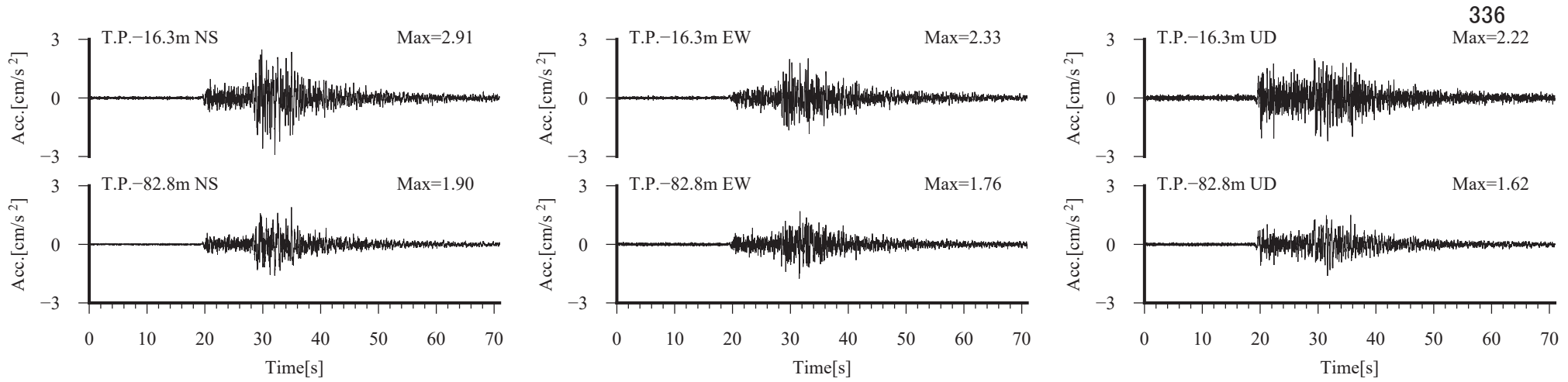
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2008/9/22 (16:31) M5.6, 深さ=151.78km, 震央距離=79km, 震源距離=171km



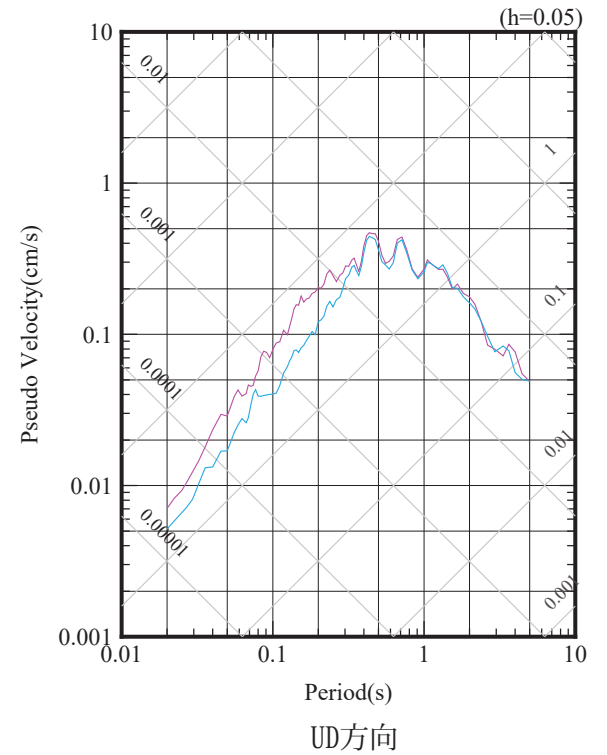
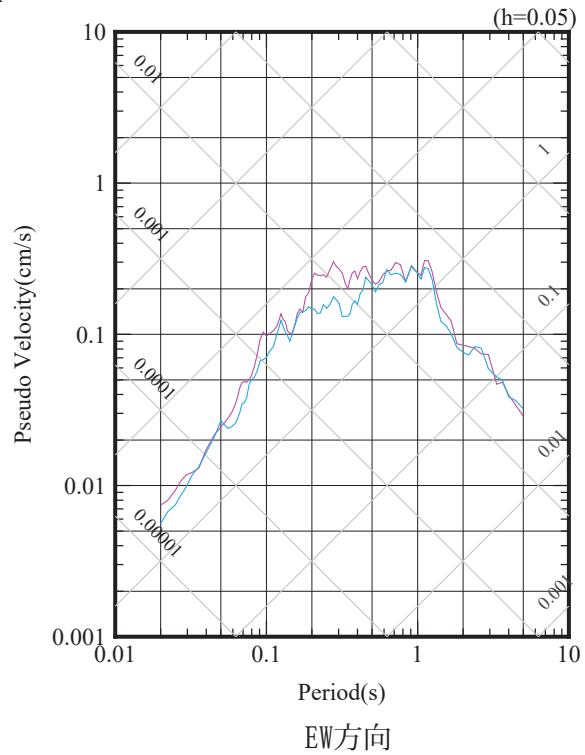
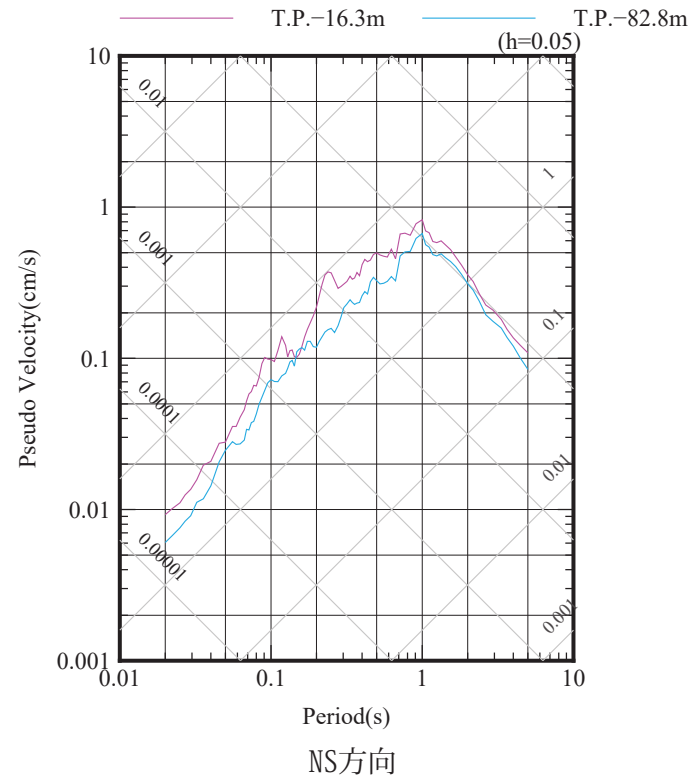
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2009/2/15 (18:24) M5.9, 深さ=36km, 震央距離=136km, 震源距離=141km



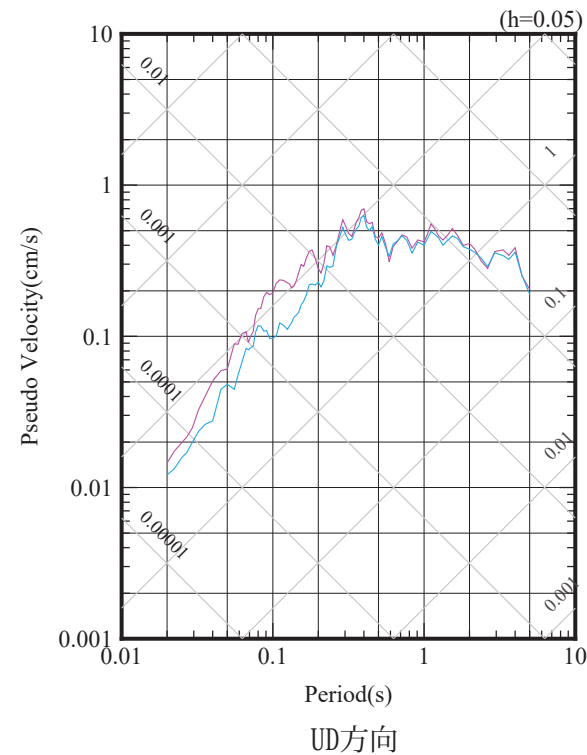
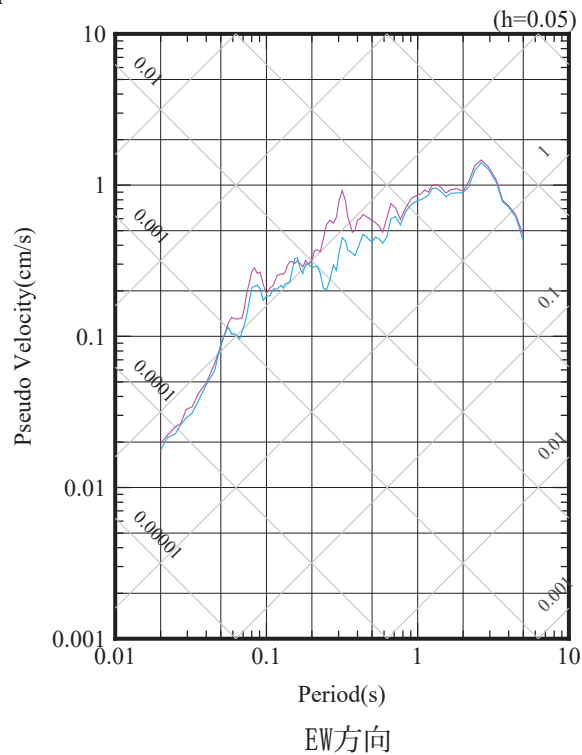
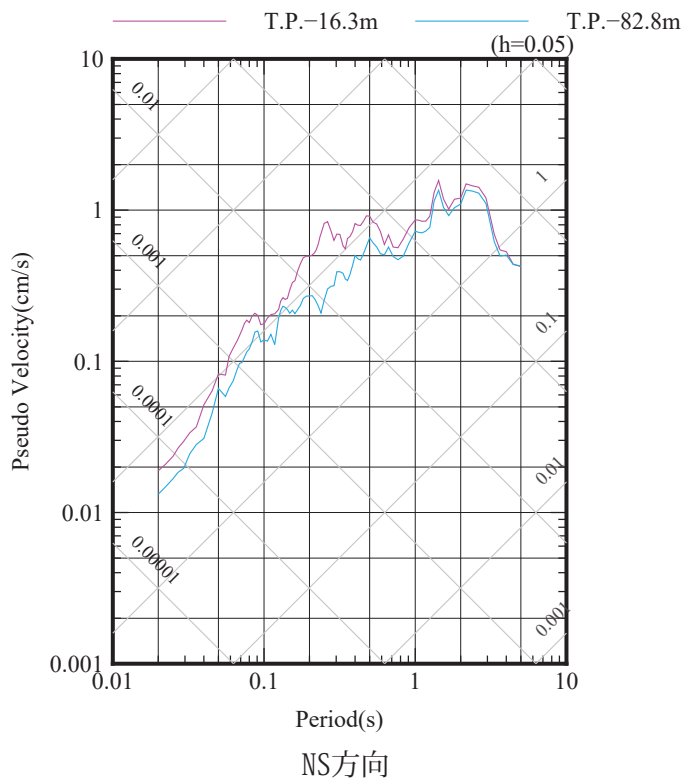
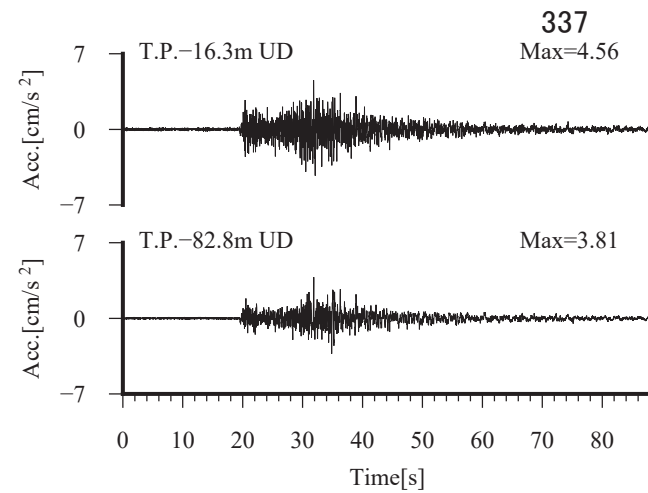
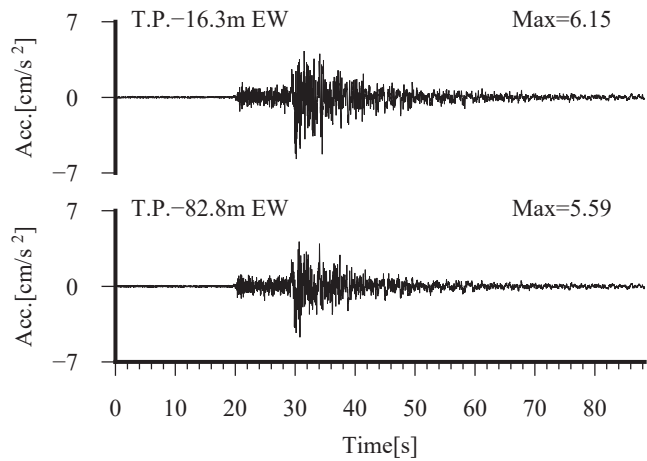
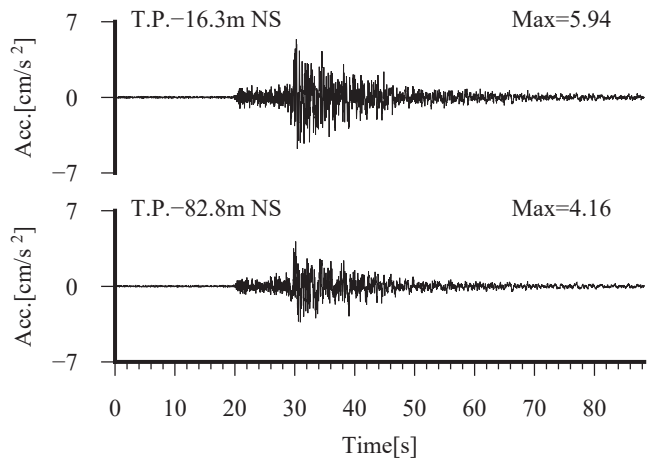
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2009/6/5 (12:30) M6.4, 深さ=31.3km, 震央距離=199km, 震源距離=201km



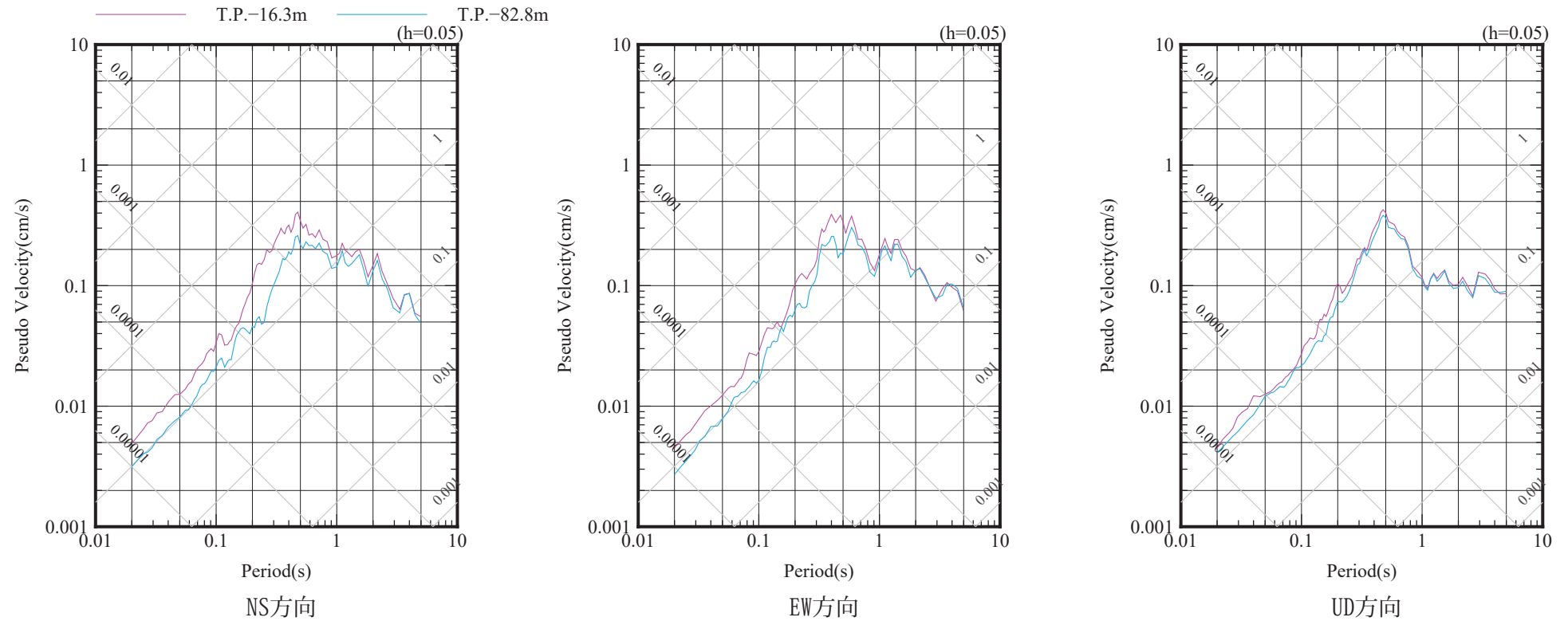
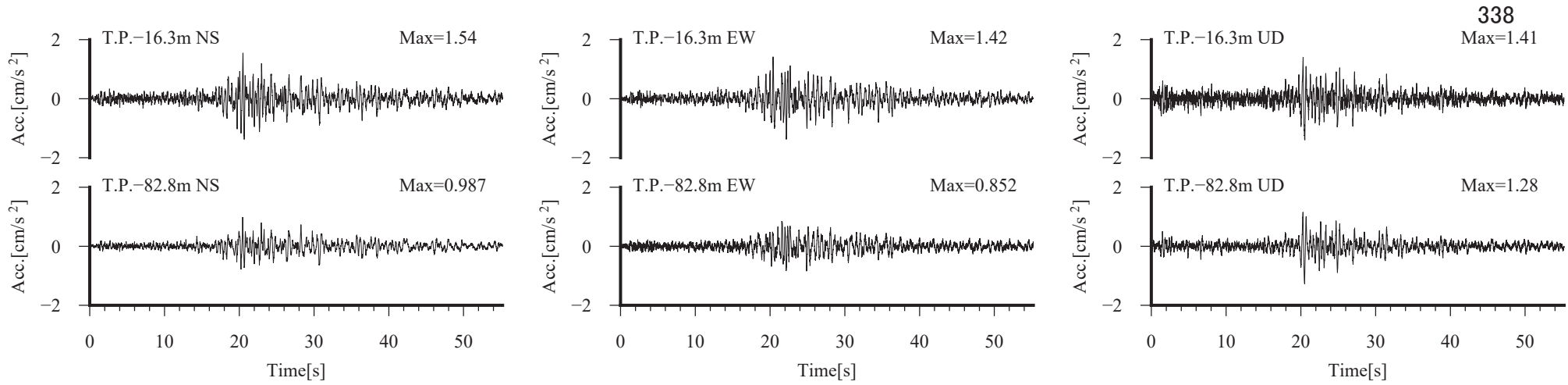
336  
Max=2.22



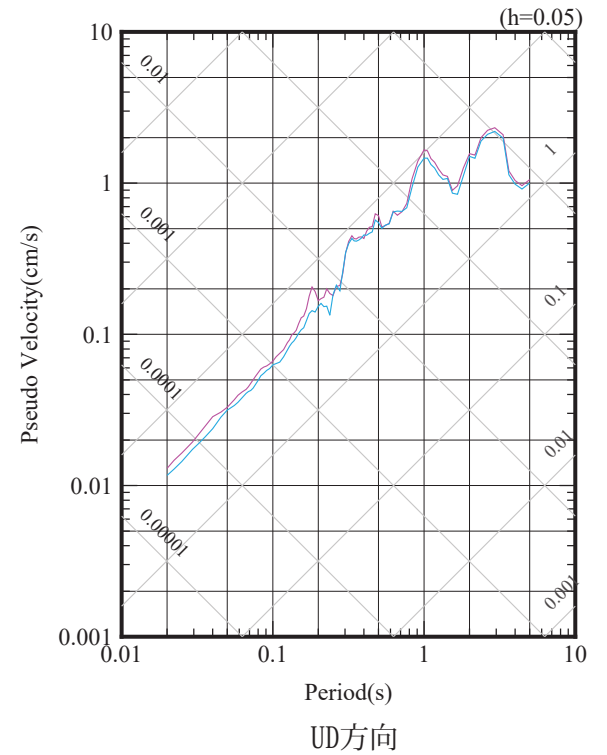
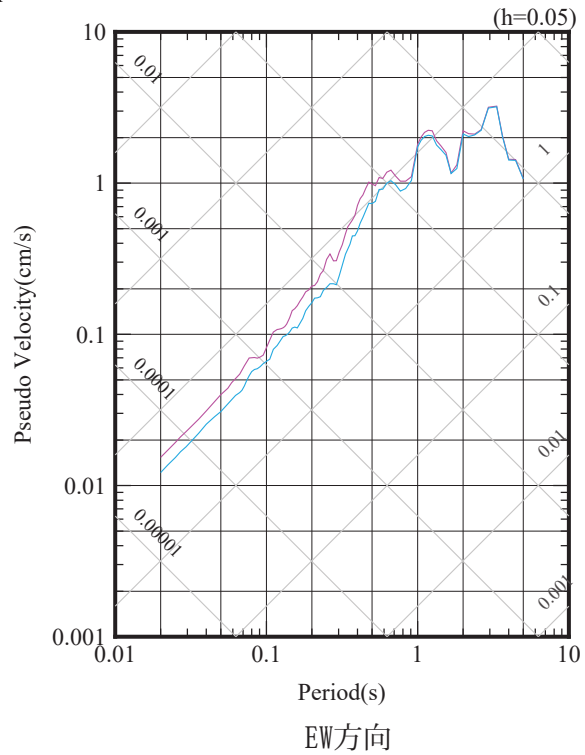
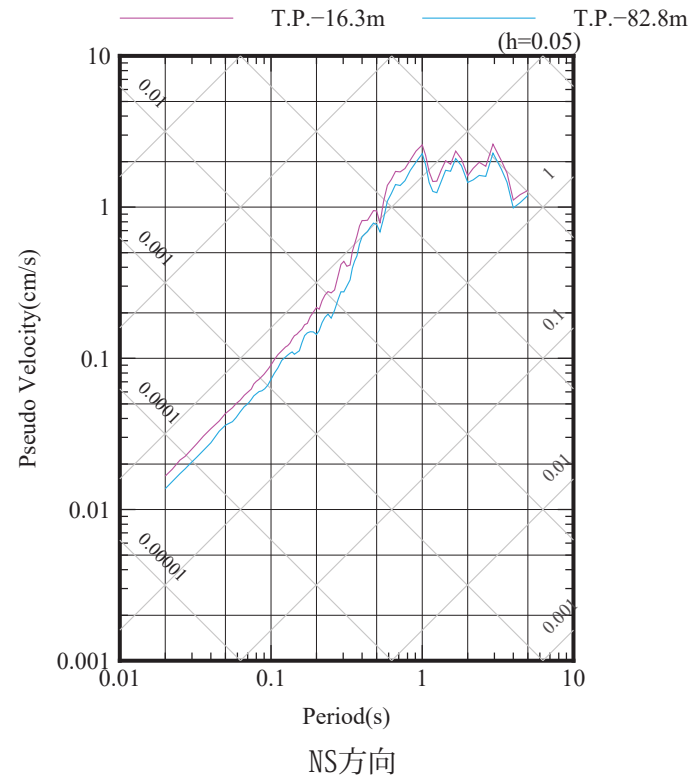
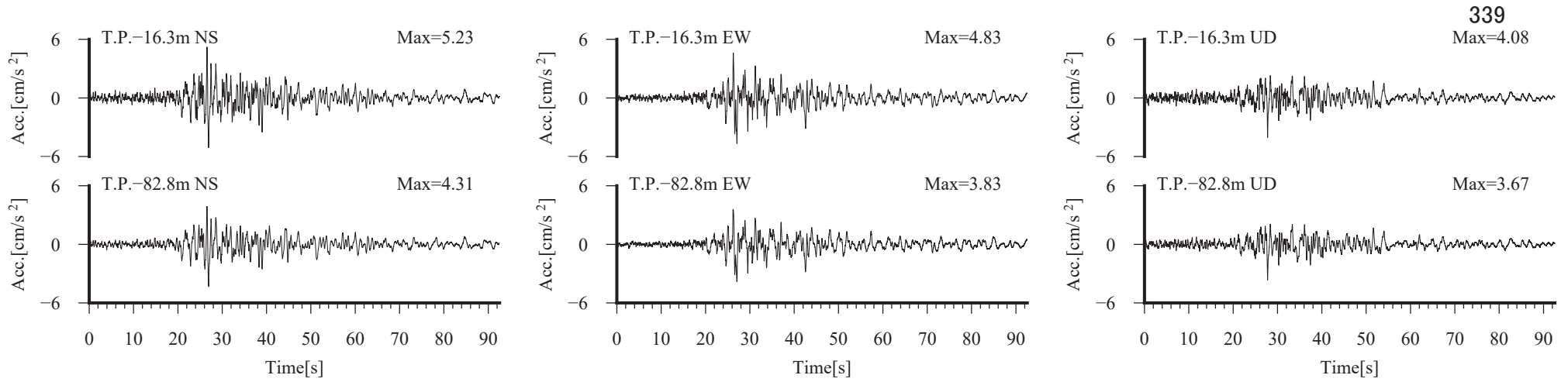
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
2010/6/28 (6:3) M5.1, 深さ=57.11km, 震央距離=61km, 震源距離=84km



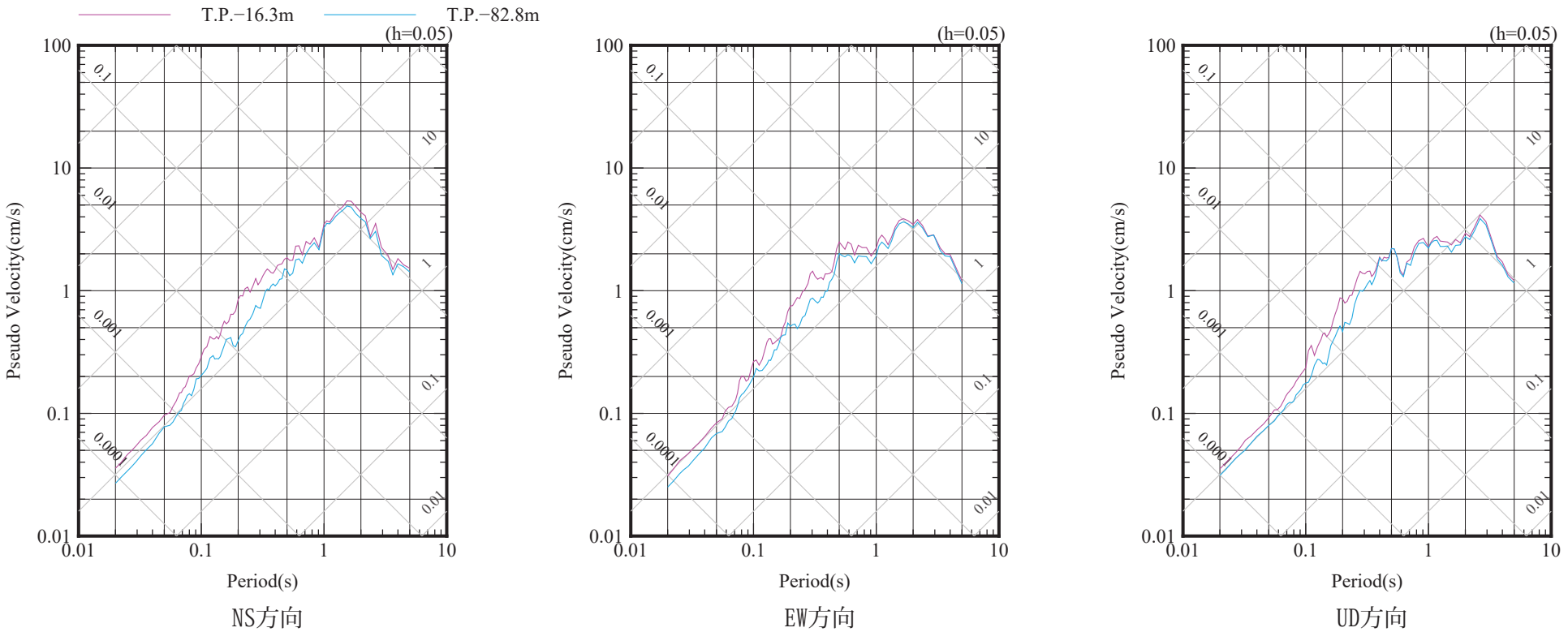
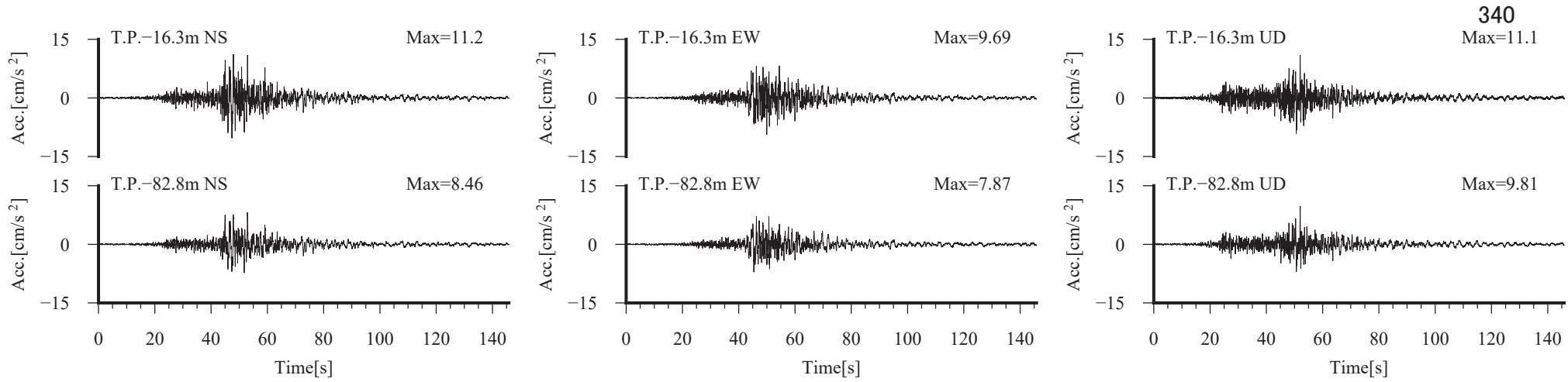
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2010/9/13 (14:47) M5.8, 深さ=63.17km, 震央距離=68km, 震源距離=93km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2010/12/6 (16:30) M5.8, 深さ=6.84km, 震央距離=160km, 震源距離=160km

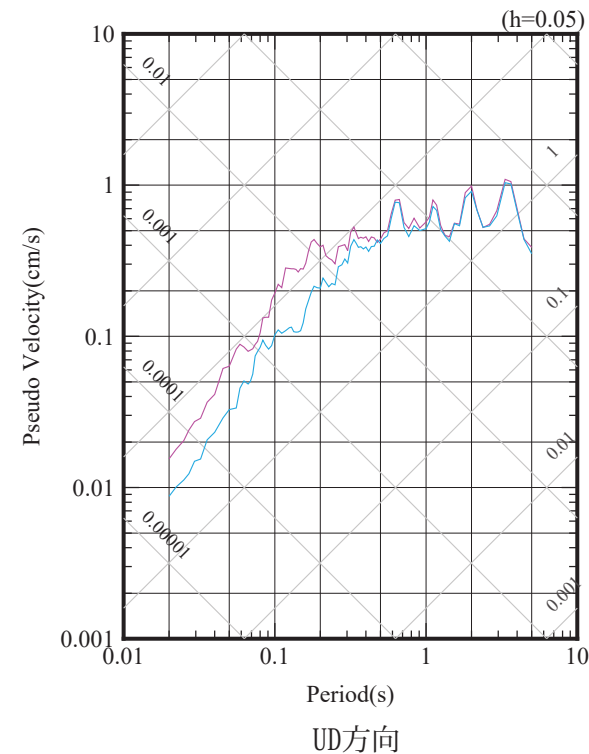
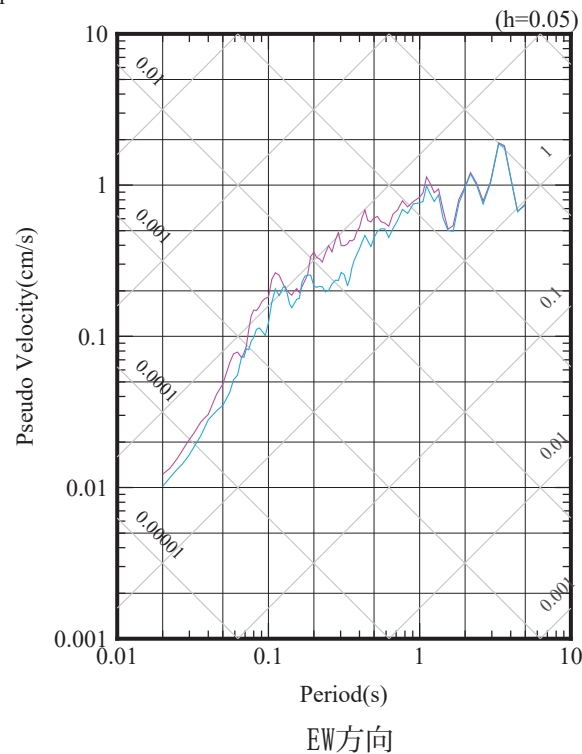
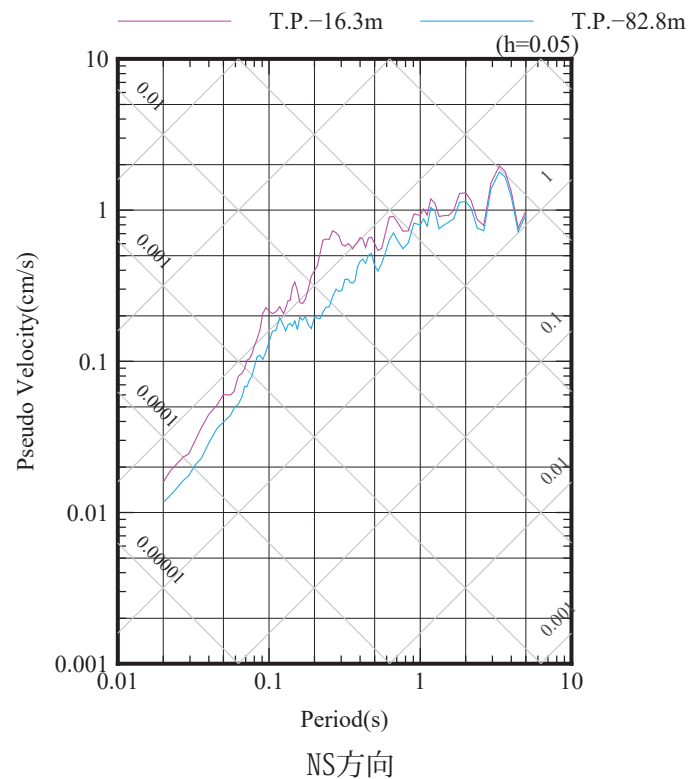
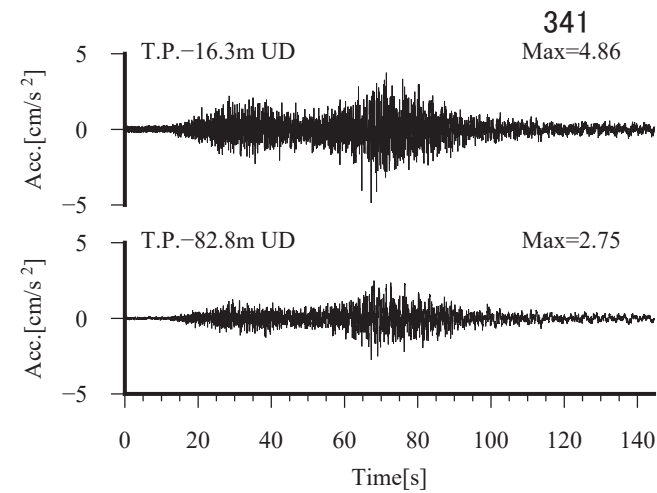
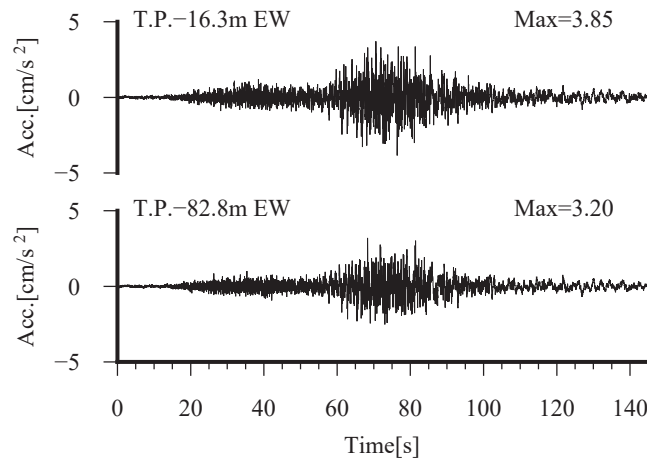
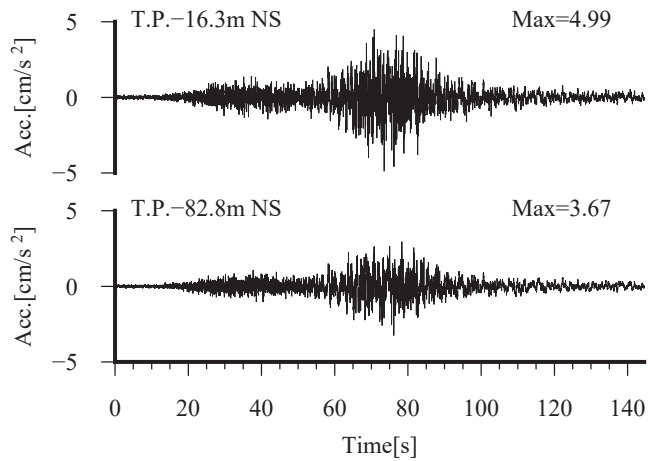


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/9 (11:45) M7.3, 深さ=8.28km, 震央距離=356km, 震源距離=357km

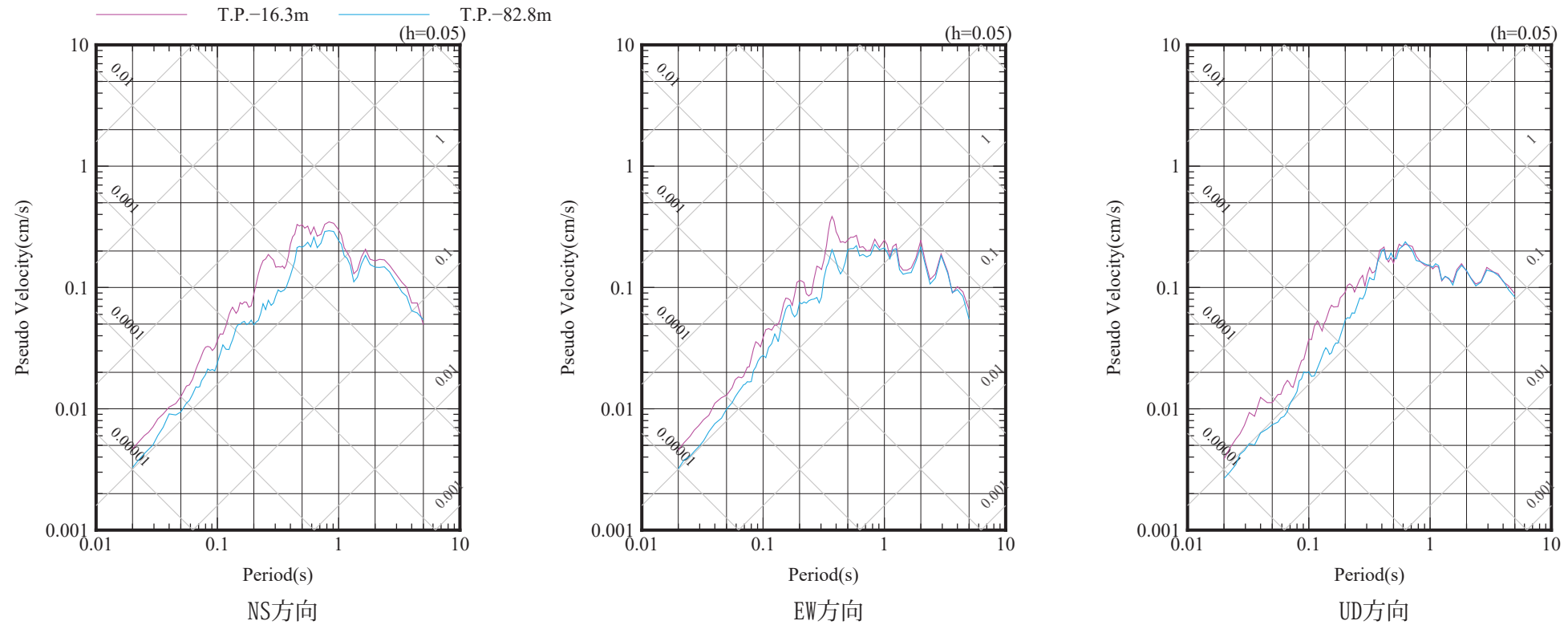
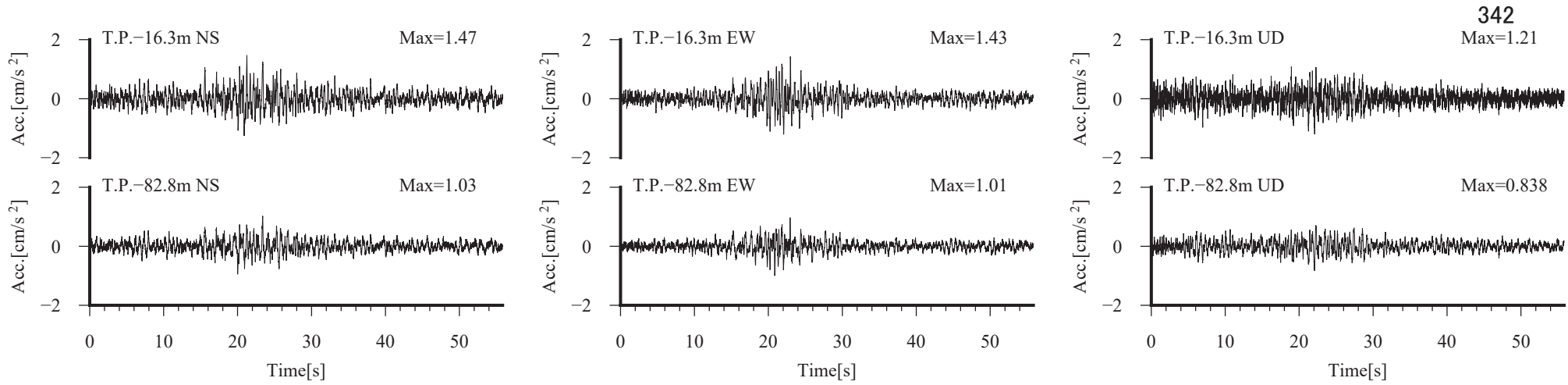


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/11 (15:8) M7.4, 深さ=32.02km, 震央距離=192km, 震源距離=194km

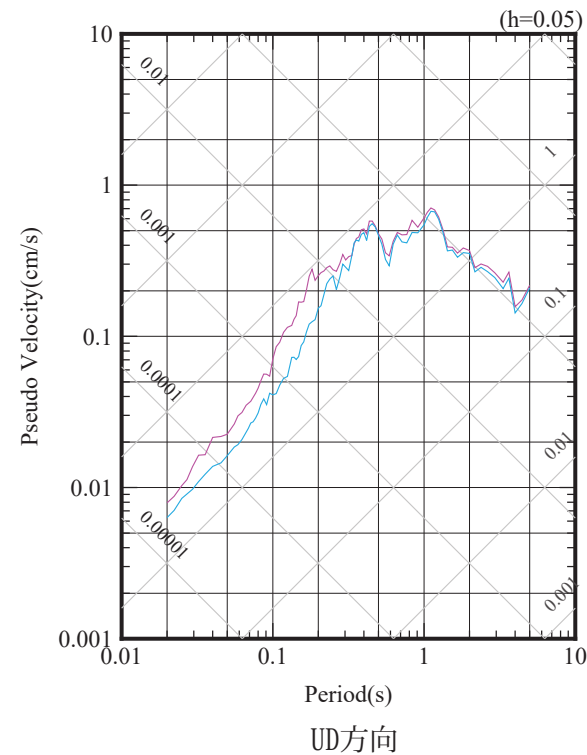
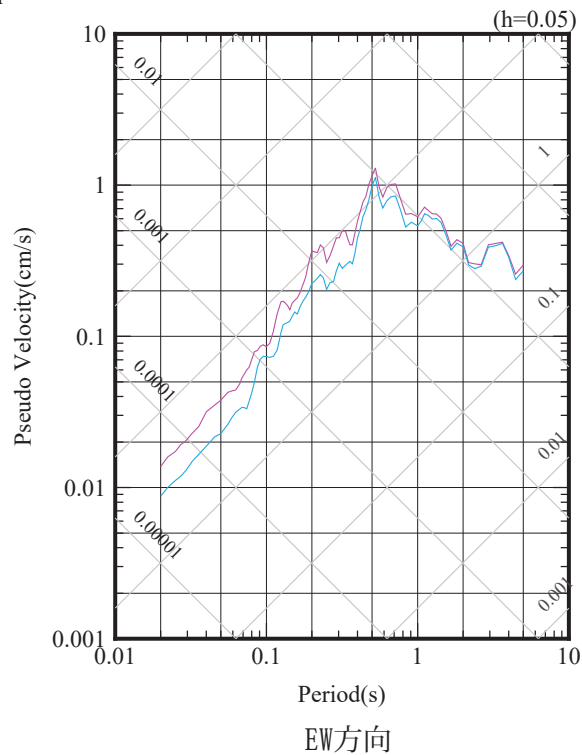
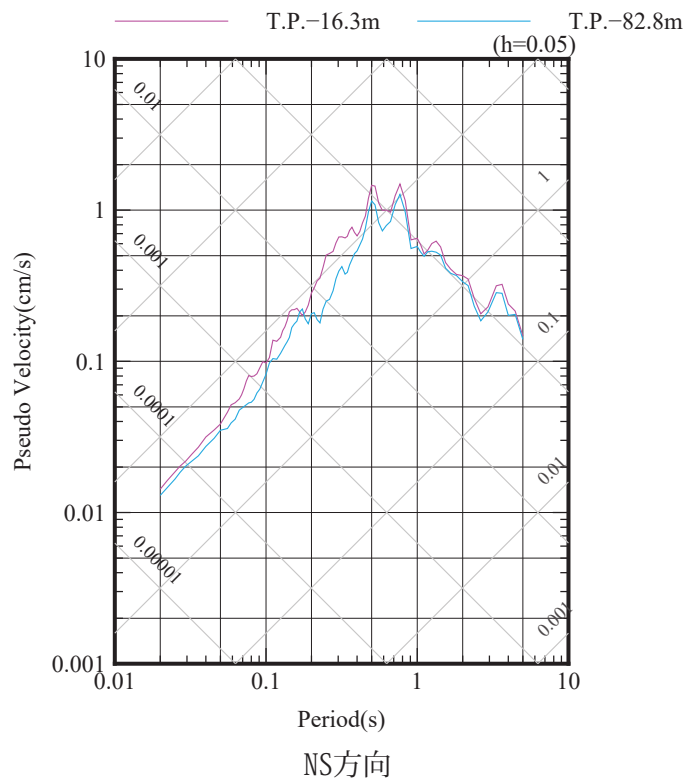
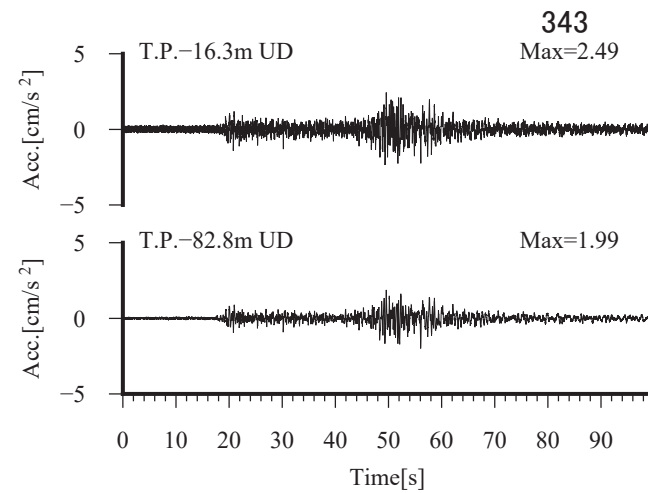
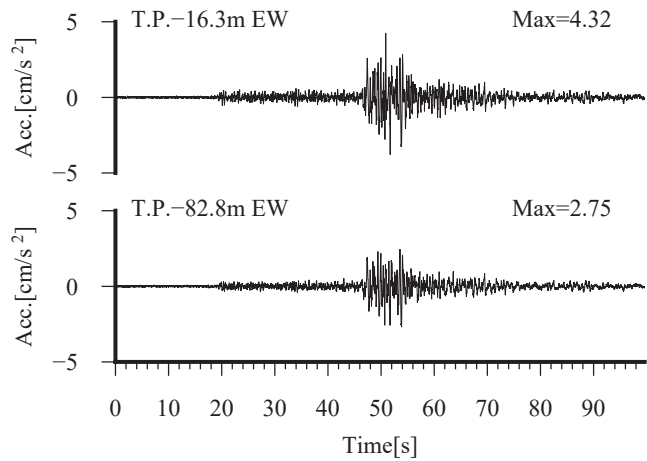
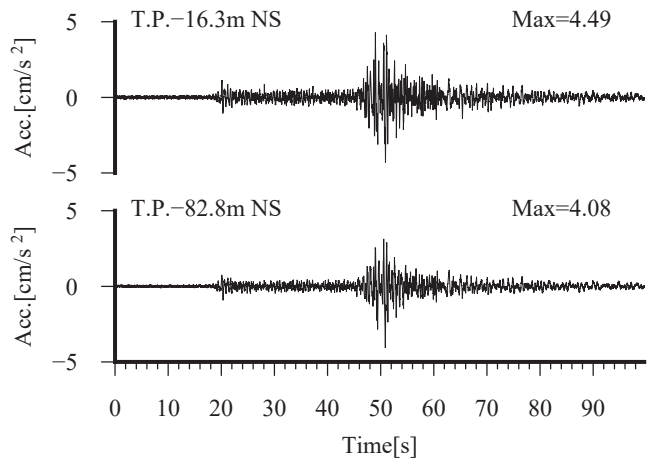




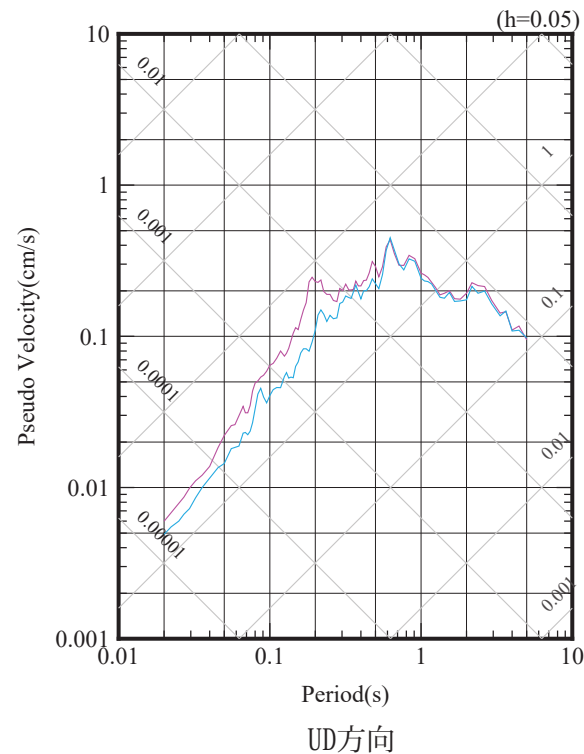
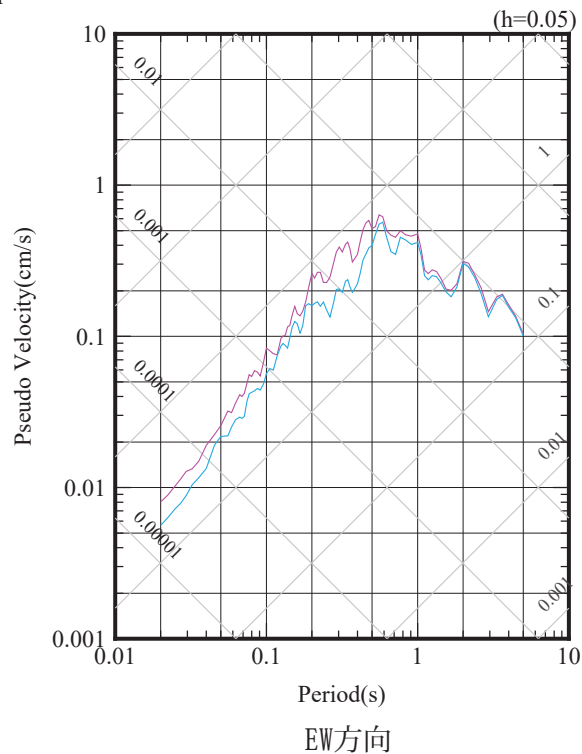
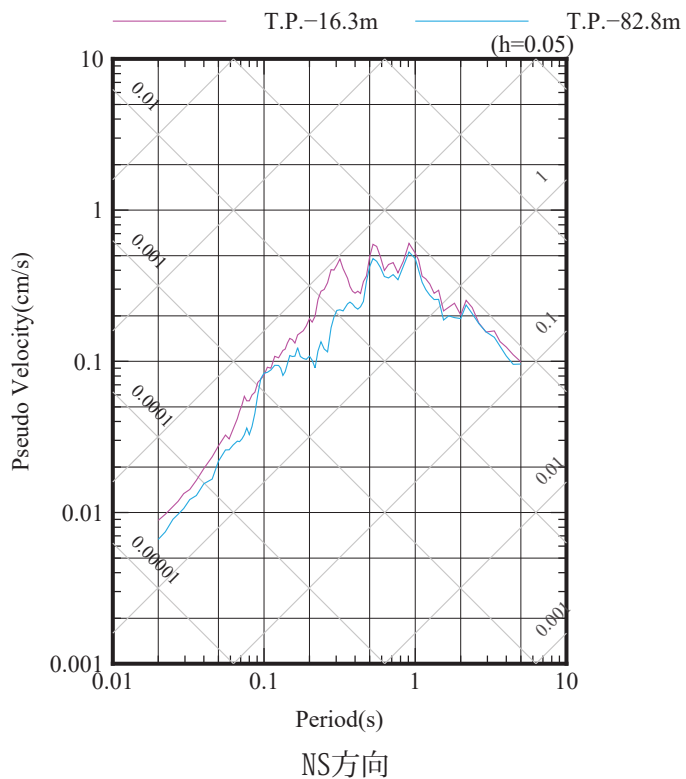
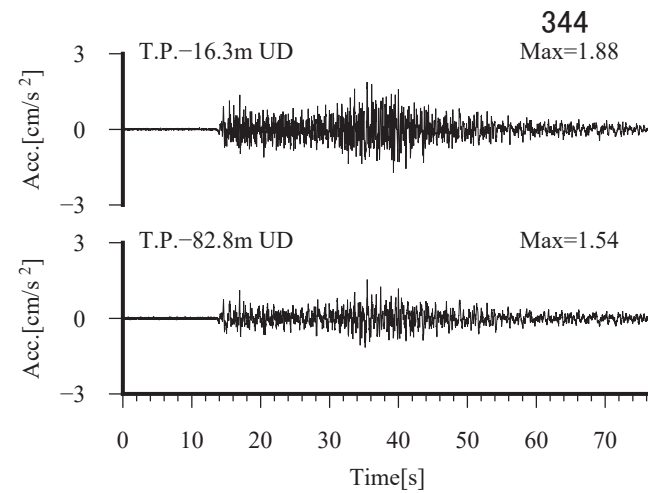
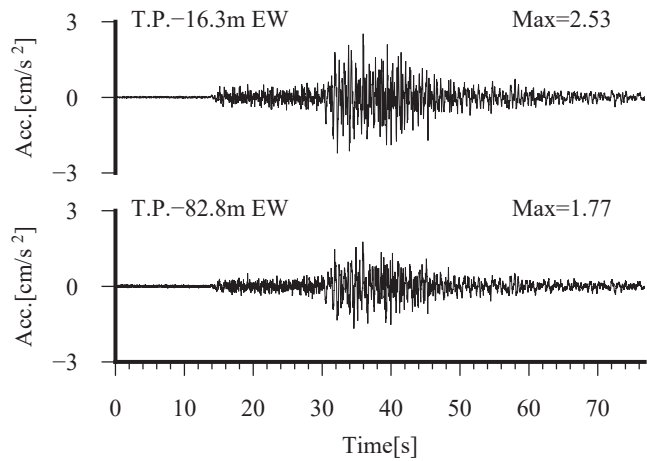
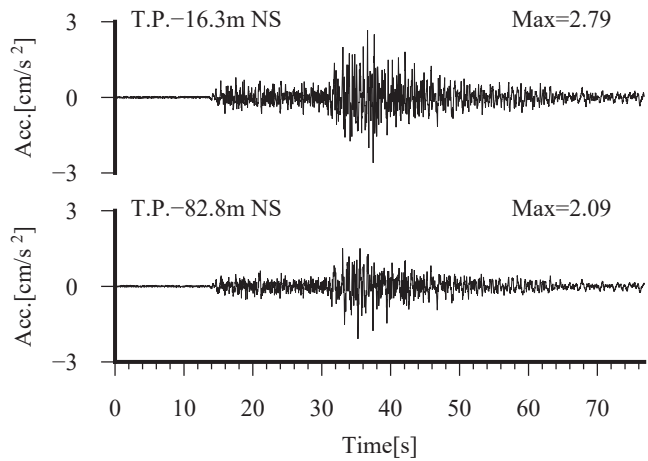
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/11 (15:25) M7.5, 深さ= 11 km, 震央距離=464km, 震源距離=464km



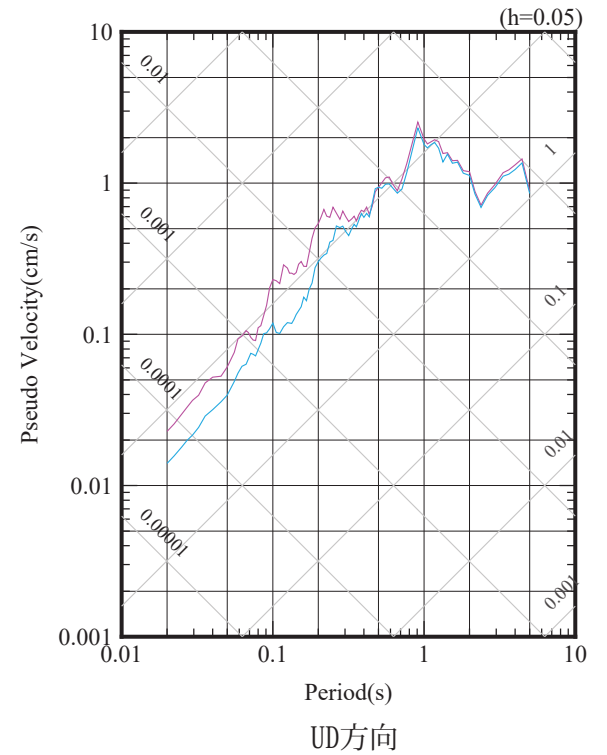
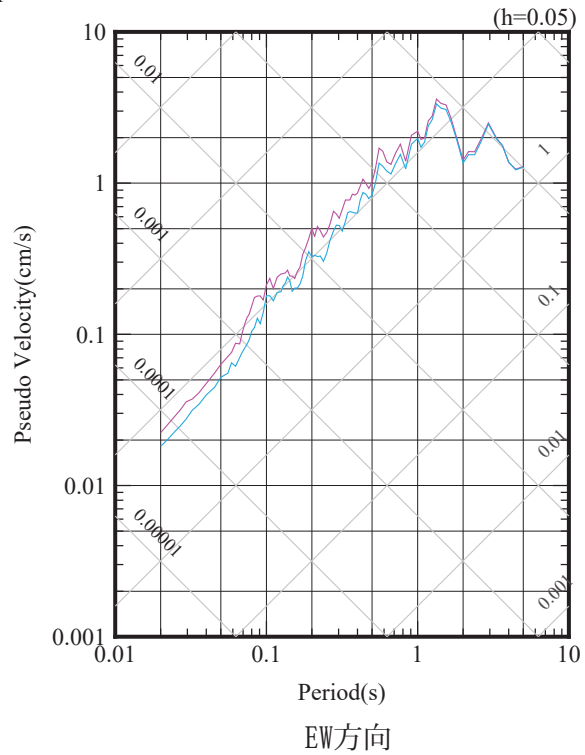
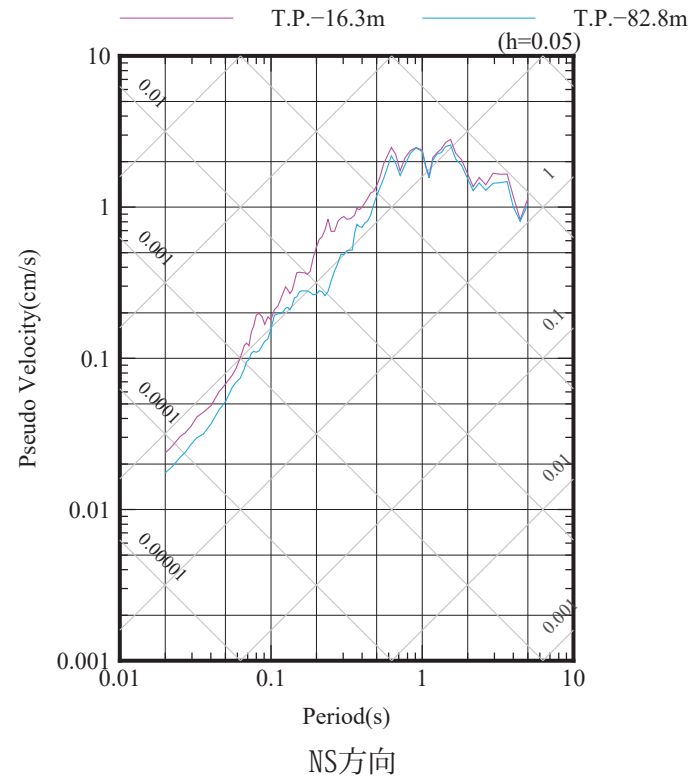
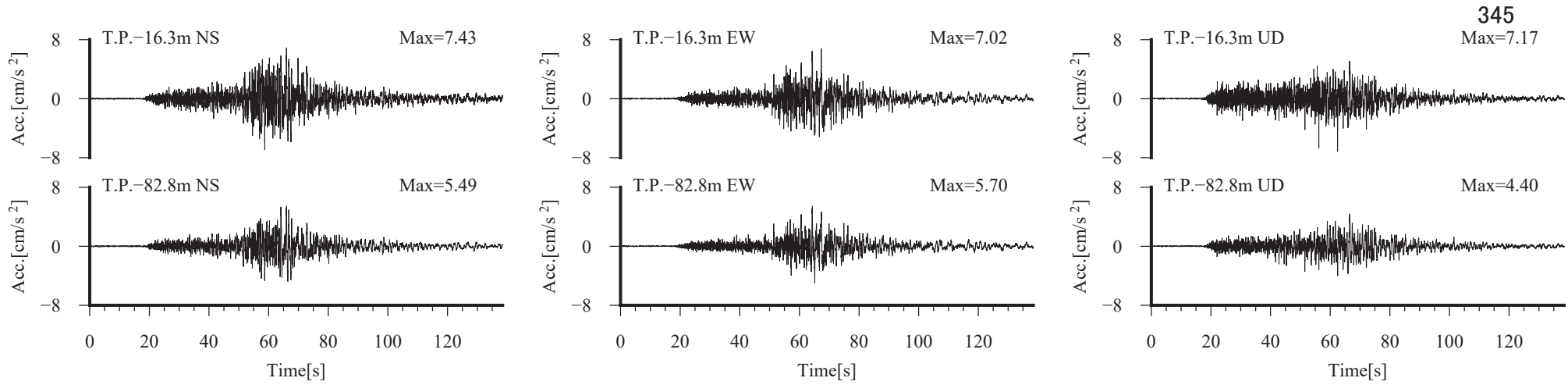
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/11 (15:49) M5.9, 深さ=6.87km, 震央距離=159km, 震源距離=159km



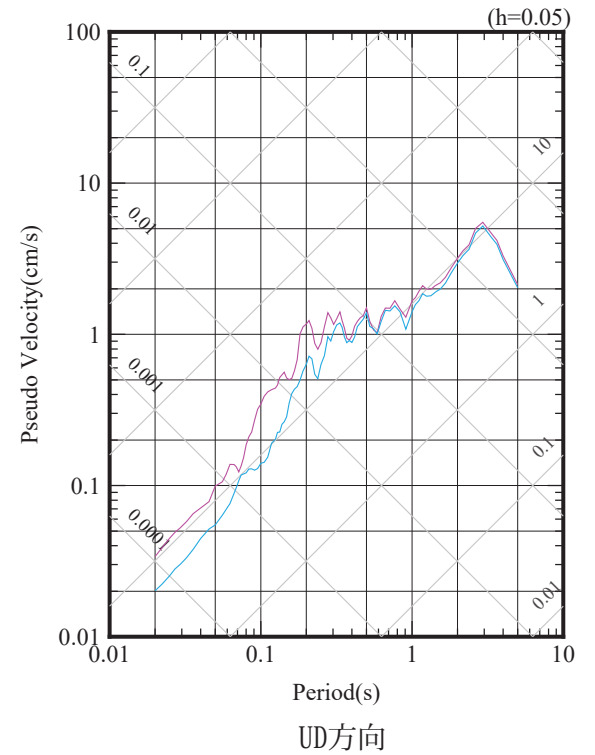
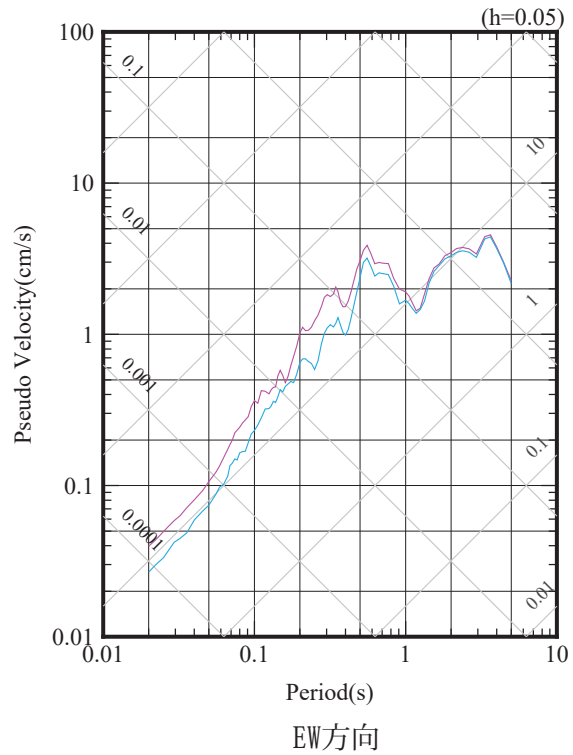
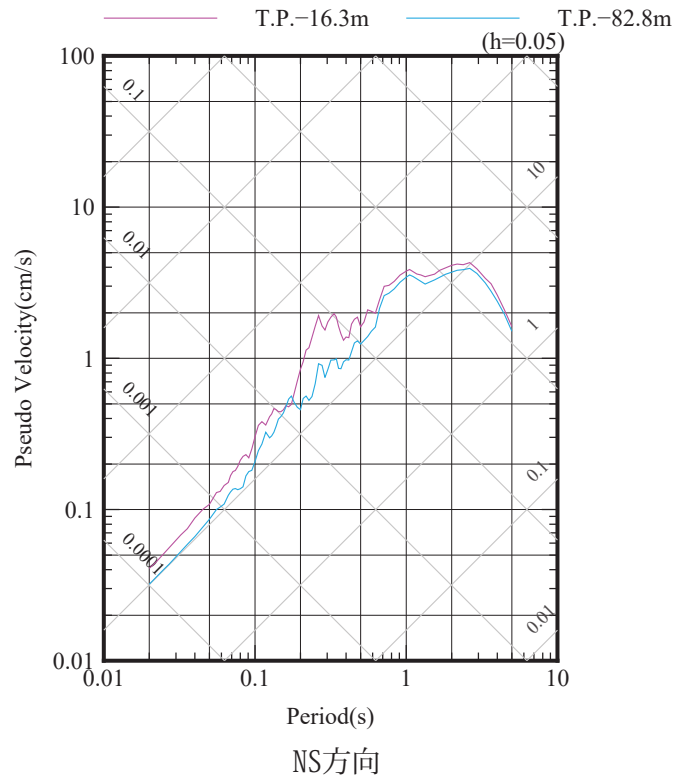
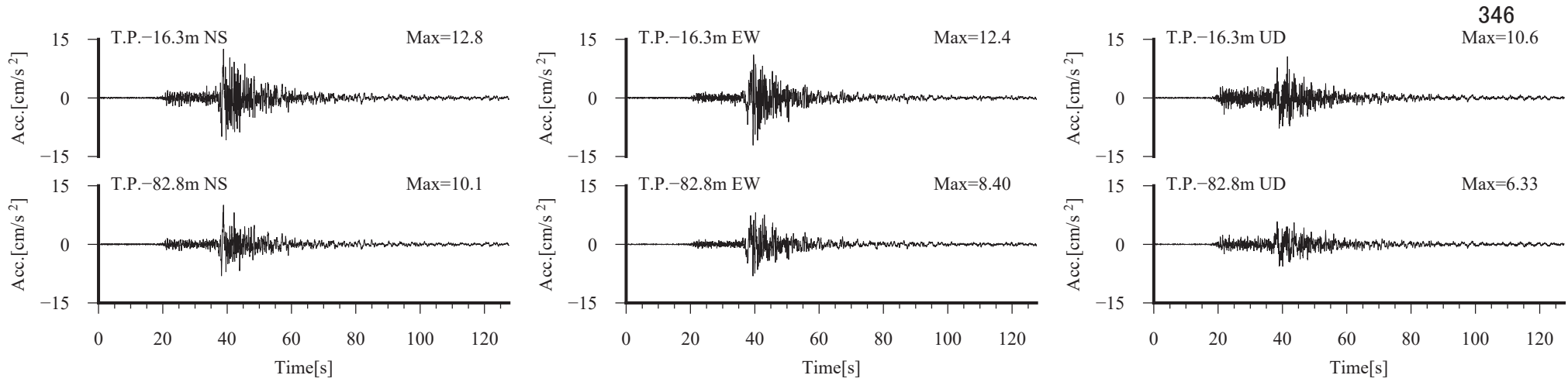
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/11 (16:28) M6.6, 深さ=16.97km, 震央距離=253km, 震源距離=254km



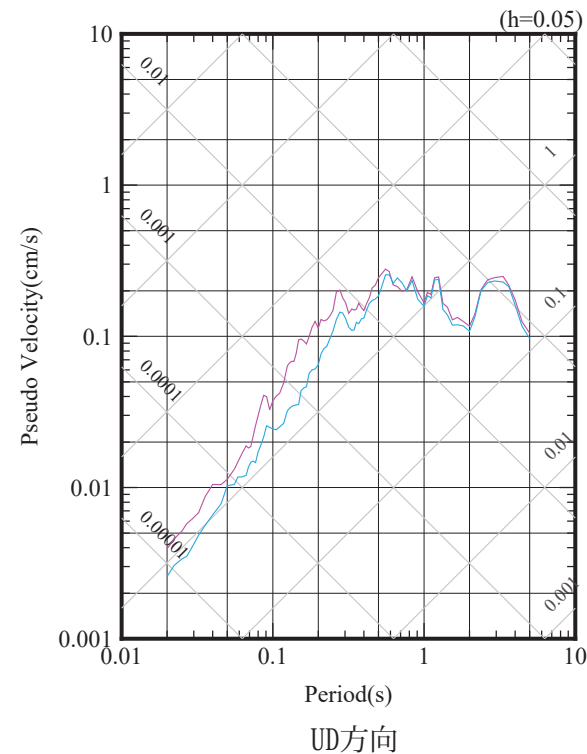
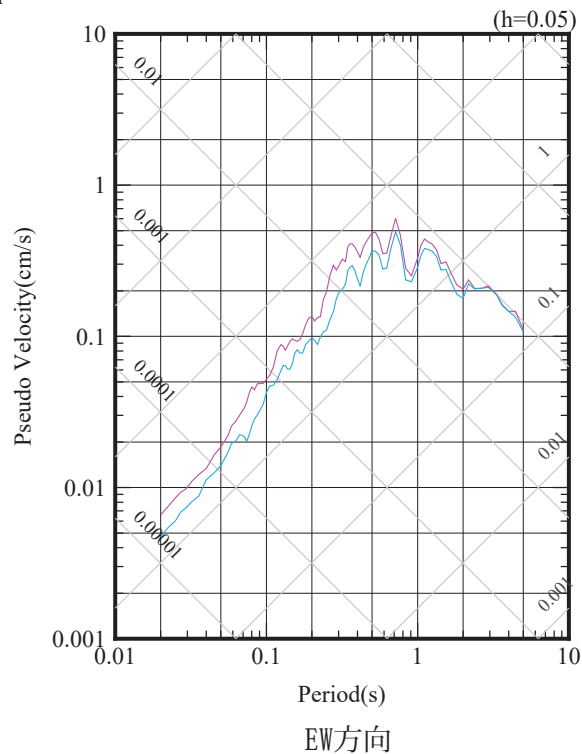
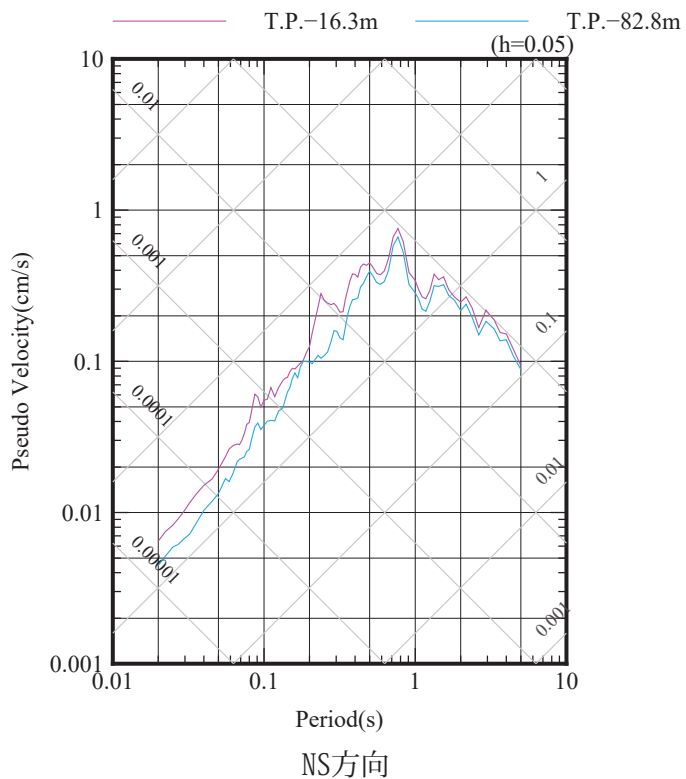
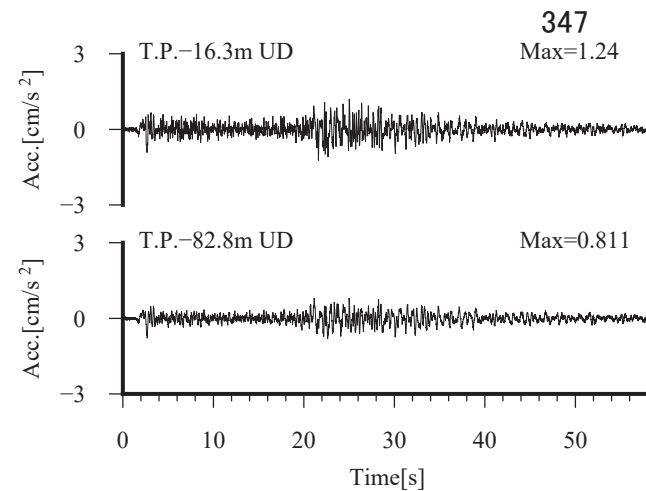
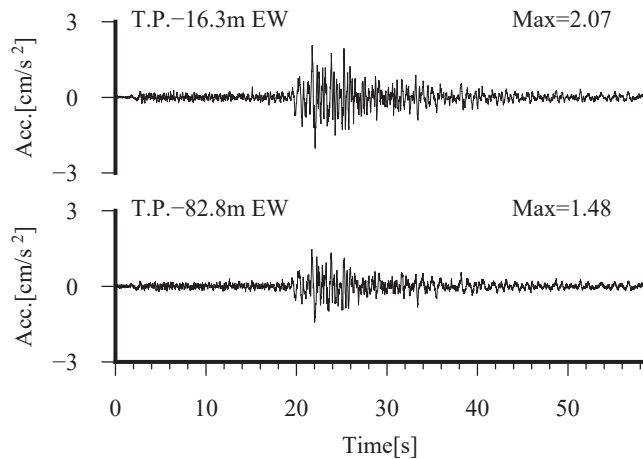
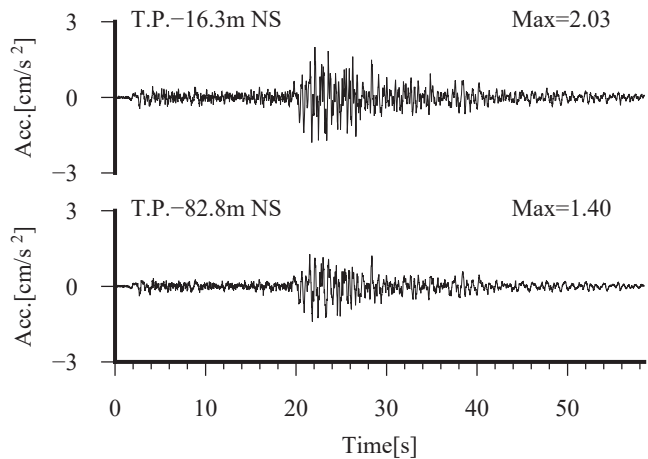
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/3/17 (13:13) M5.9, 深さ=31.14km, 震央距離=146km, 震源距離=149km



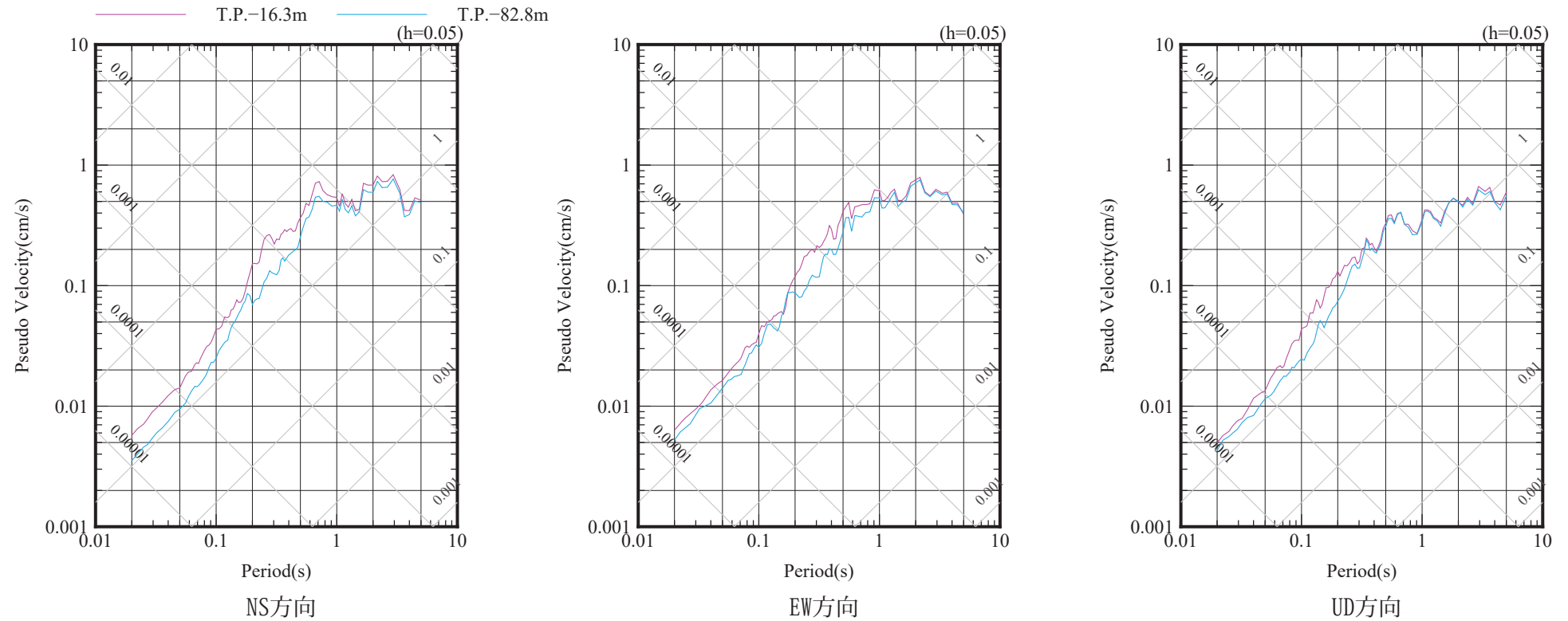
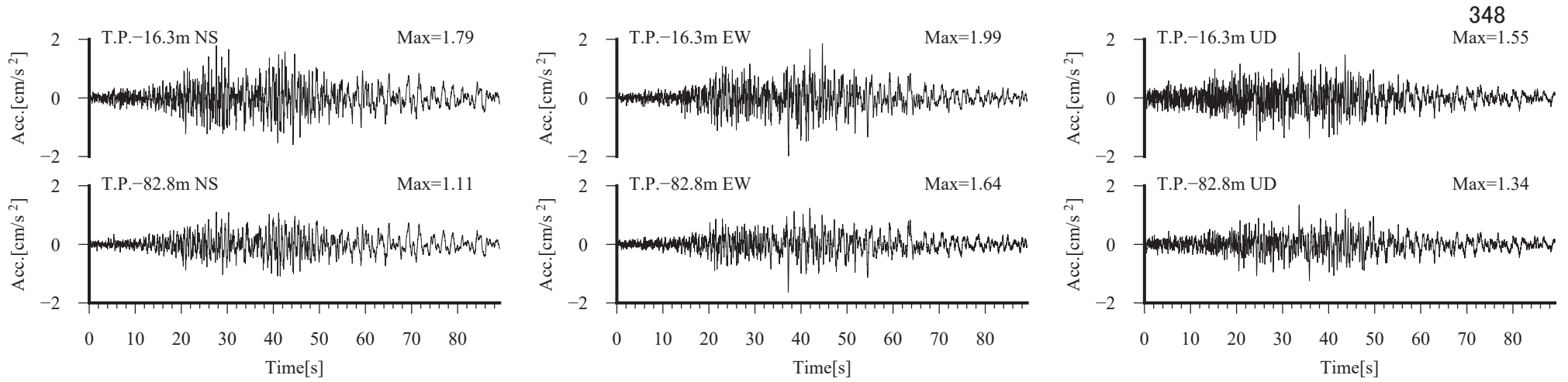
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/4/7 (23:32) M7.2, 深さ=65.89km, 震央距離=334km, 震源距離=341km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/6/23 (6:50) M6.9, 深さ=36.4km, 震央距離=171km, 震源距離=175km

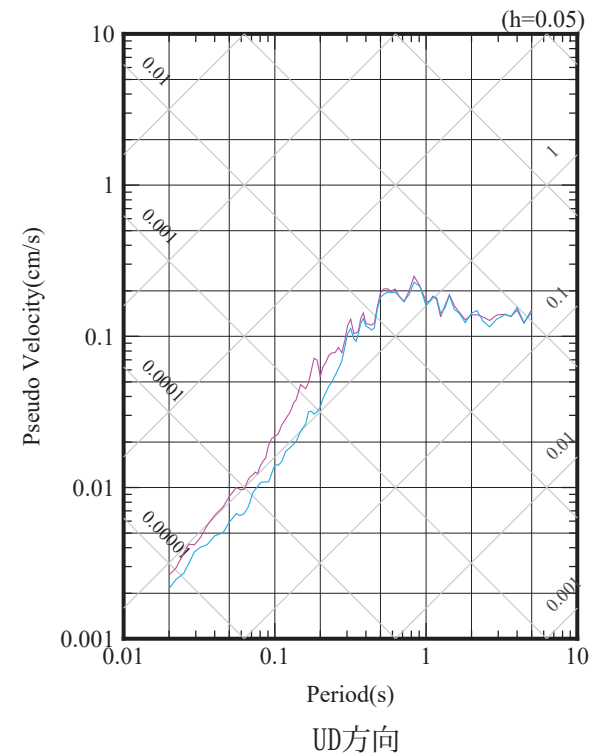
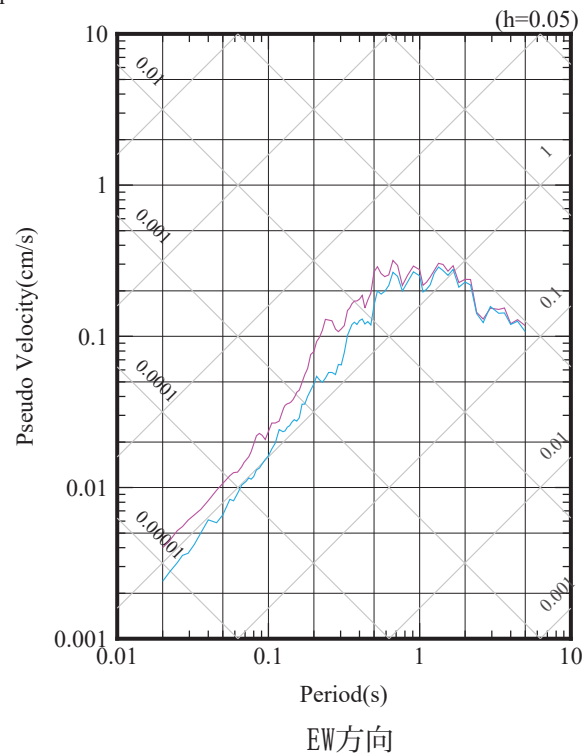
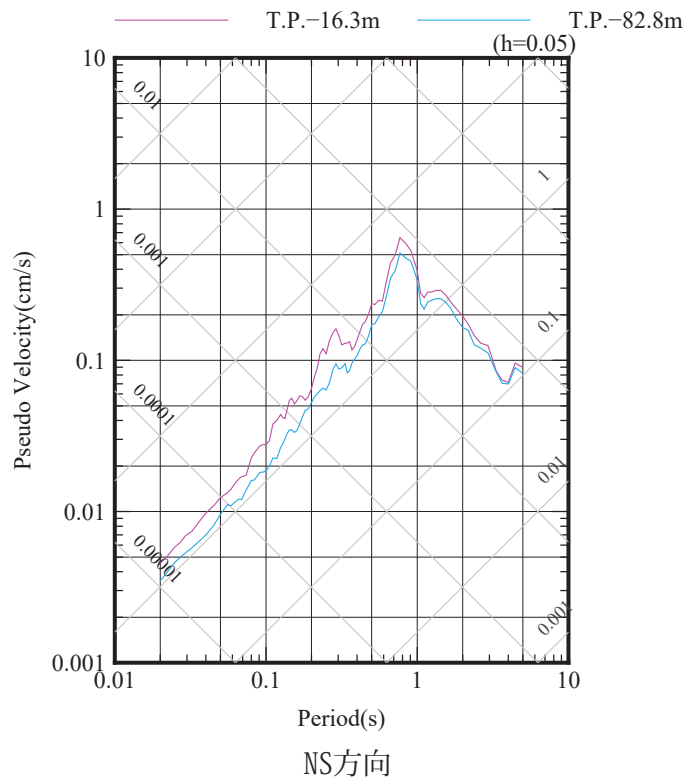
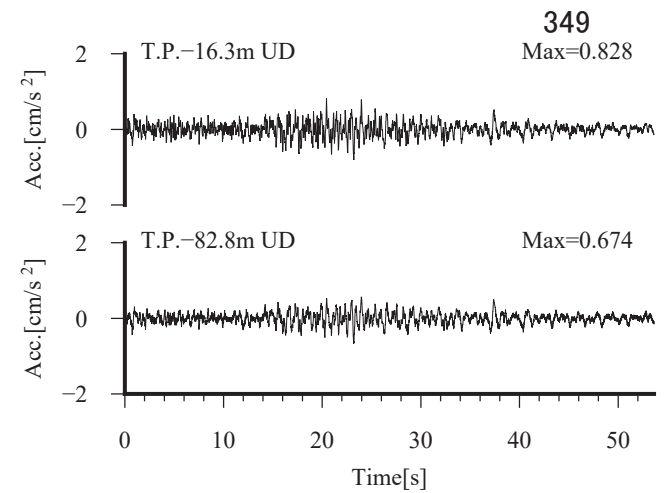
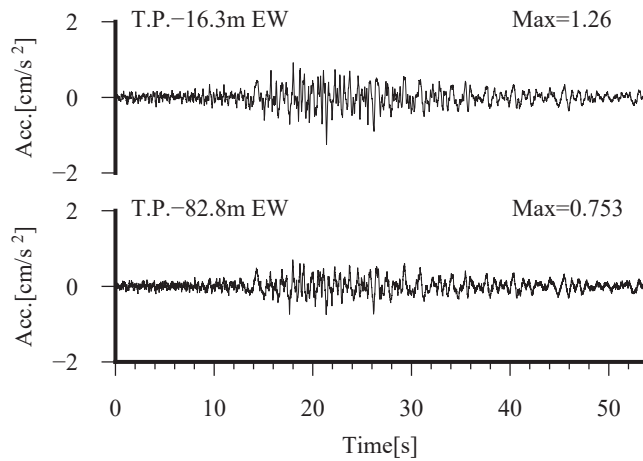
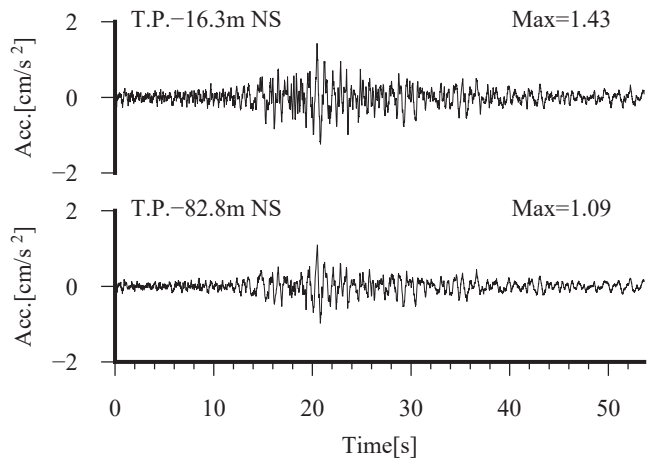


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/8/1 (22:44) M5.8, 深さ=43.11km, 震央距離=169km, 震源距離=174km

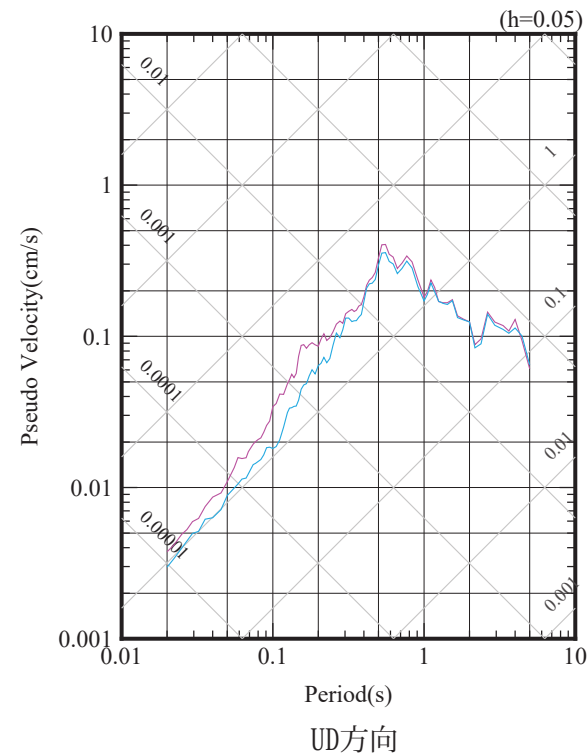
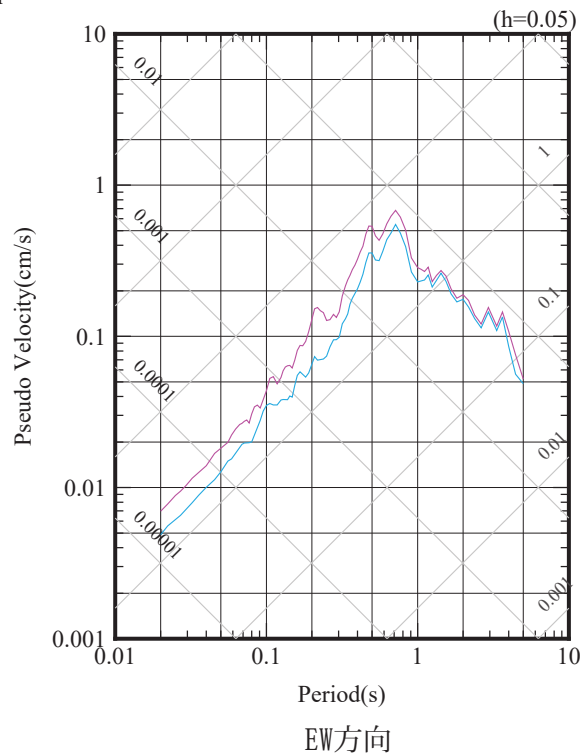
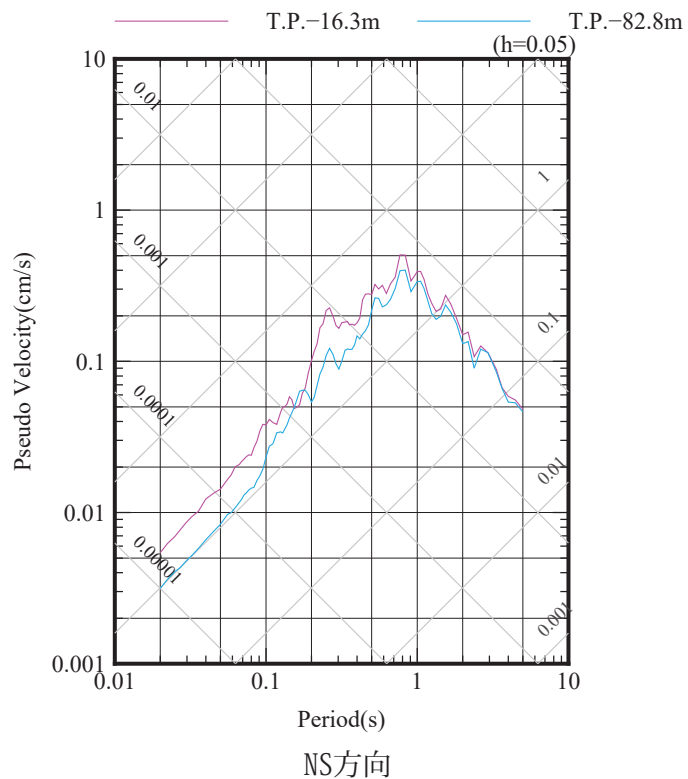
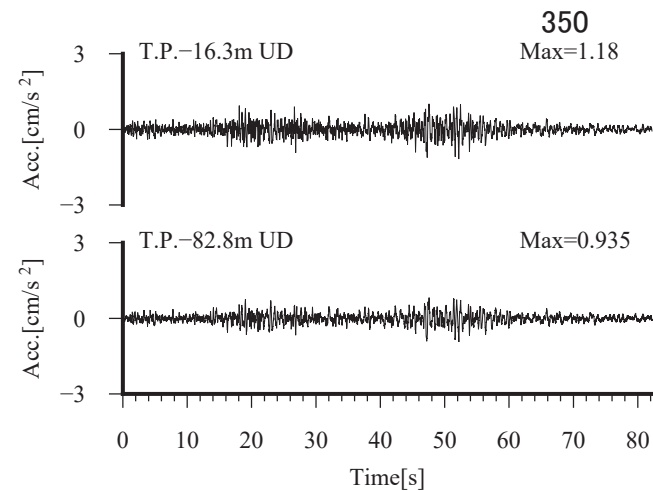
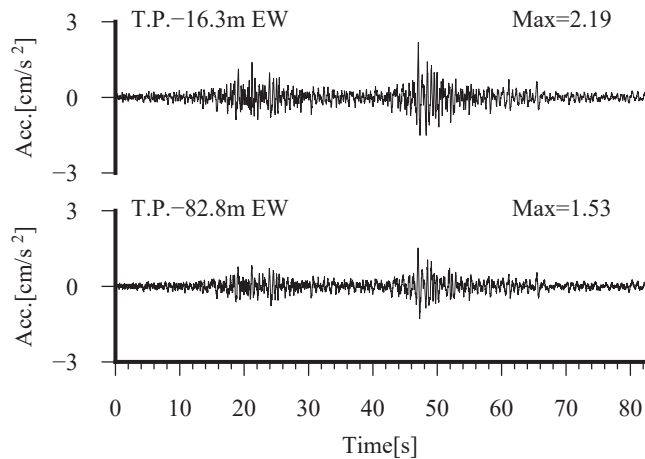
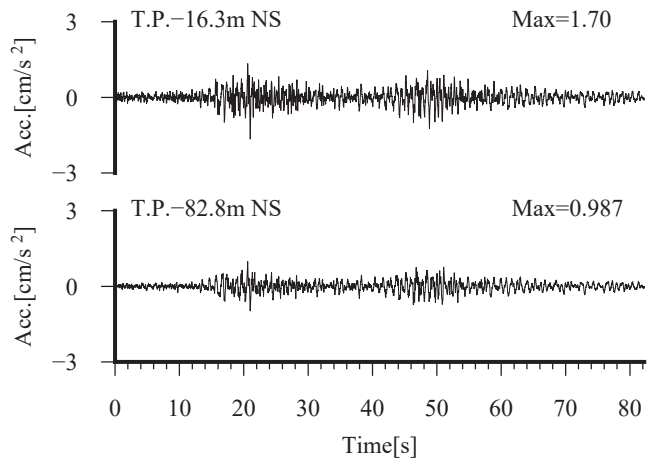


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/9/17 (4:26) M6.6, 深さ=7.4km, 震央距離=177km, 震源距離=177km

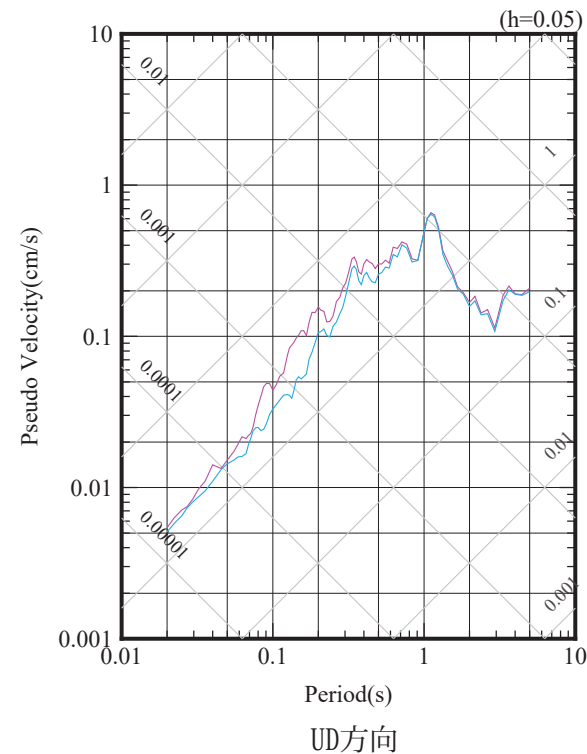
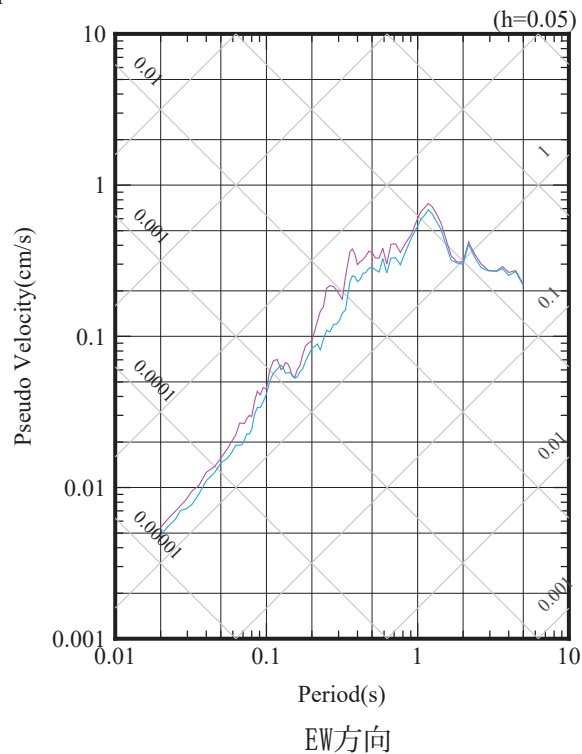
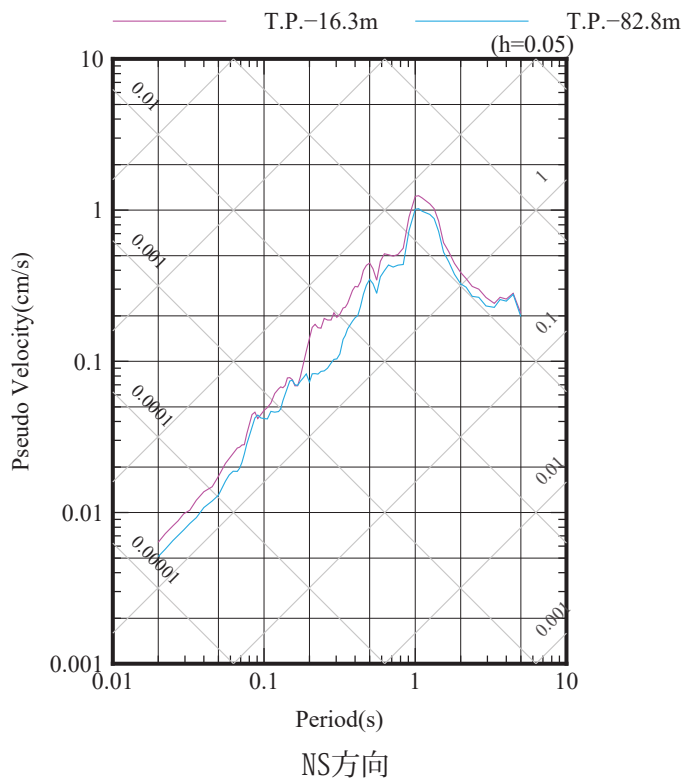
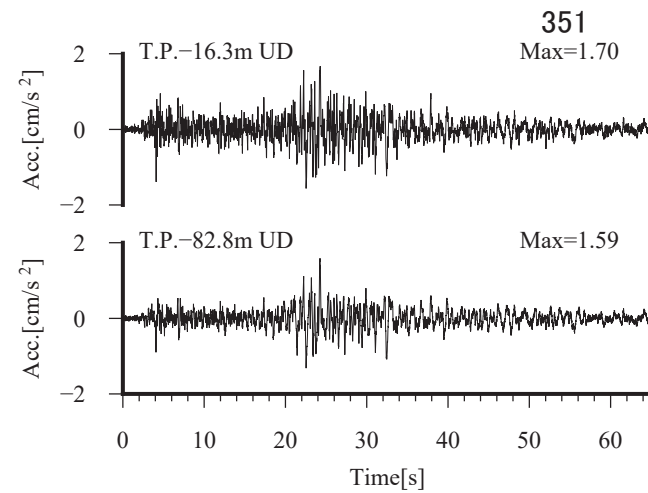
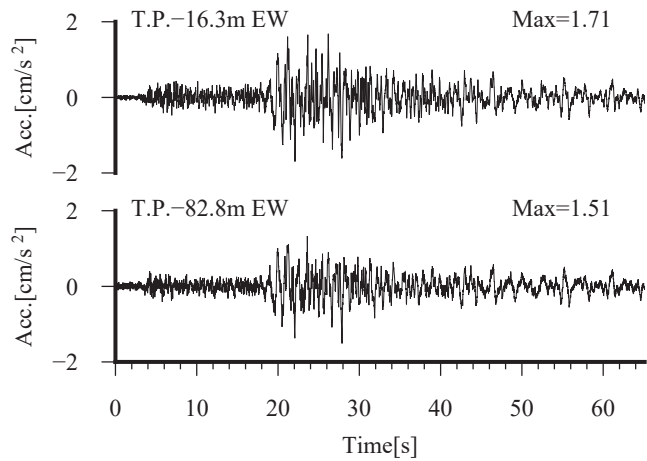
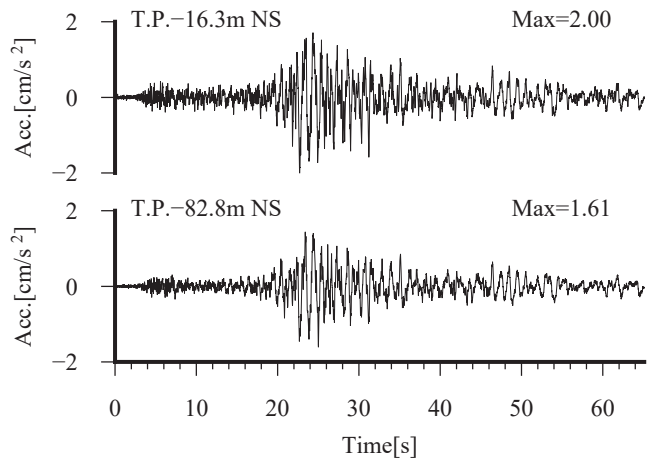




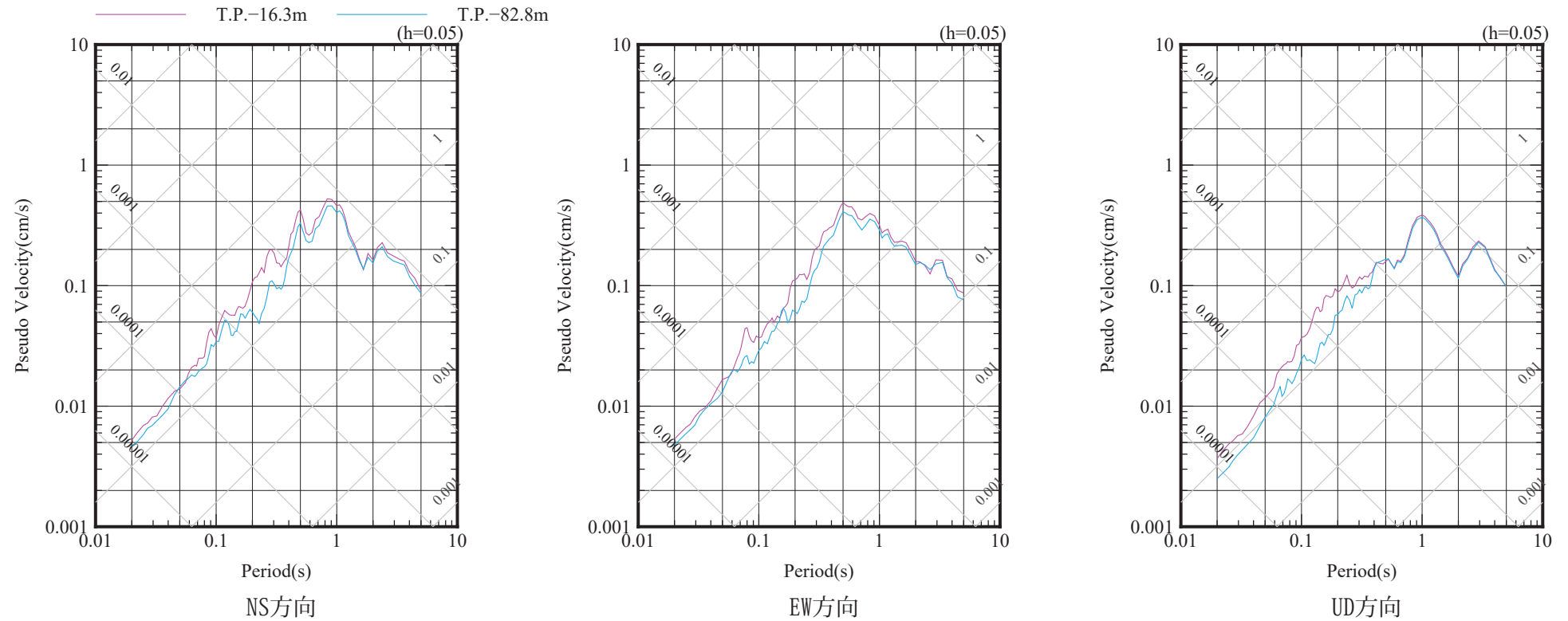
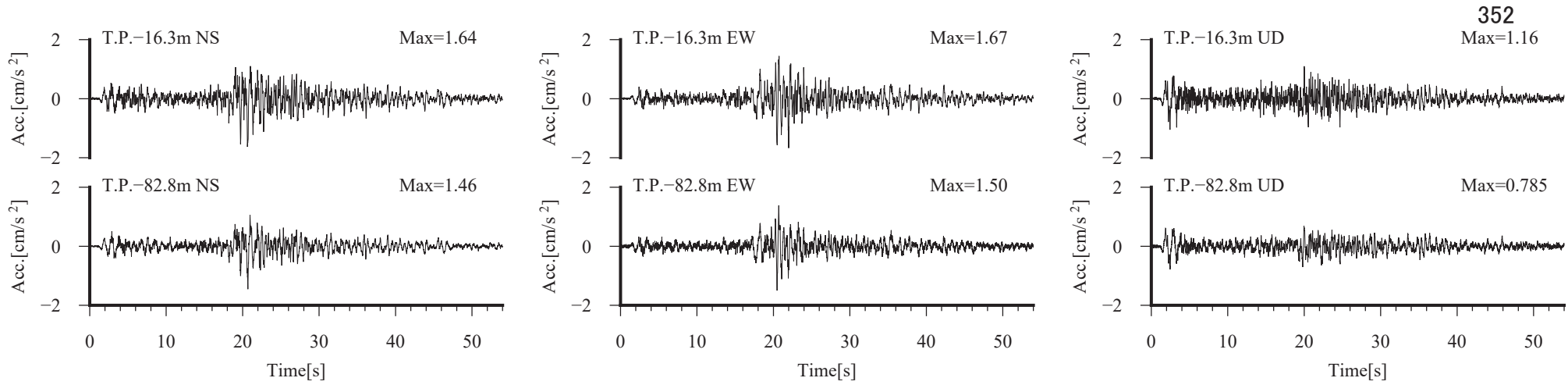
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/9/17 (6:8) M6.1, 深さ=3.69km, 震央距離=186km, 震源距離=186km



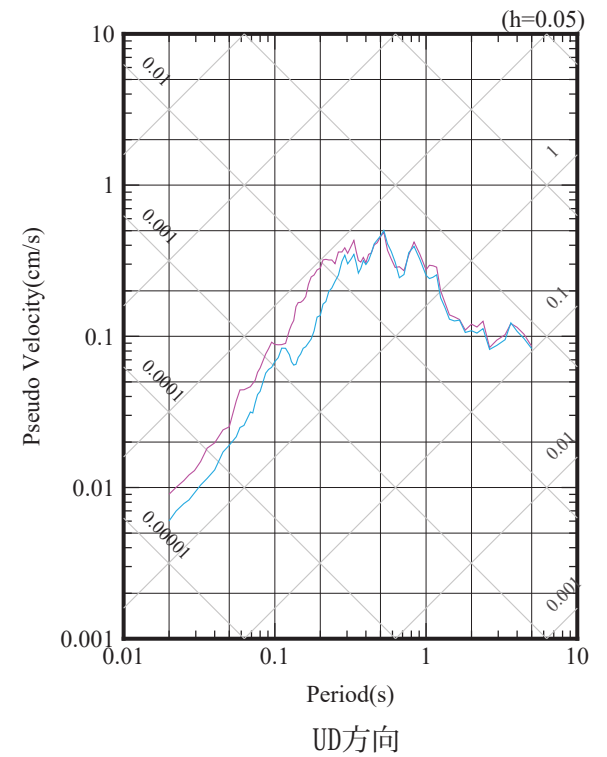
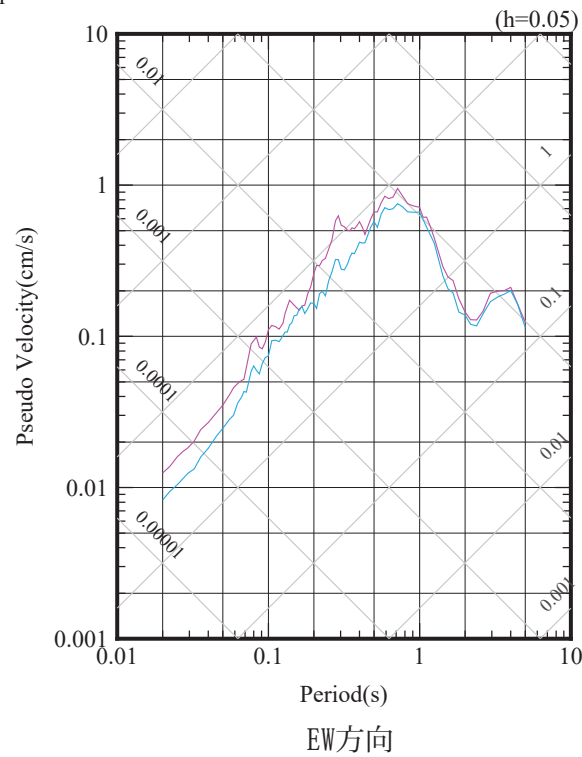
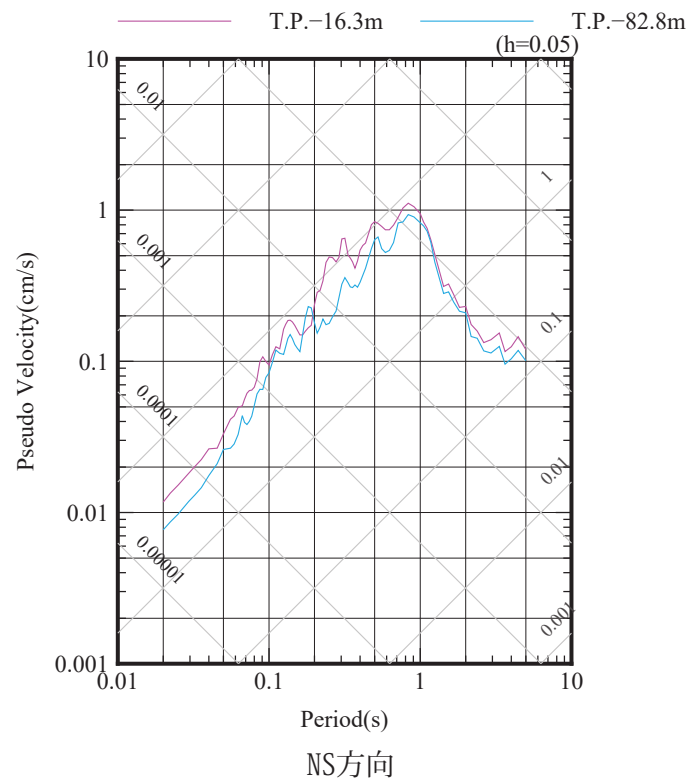
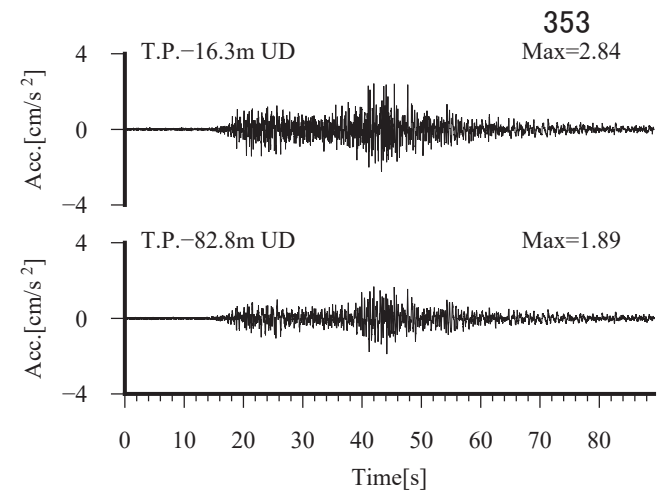
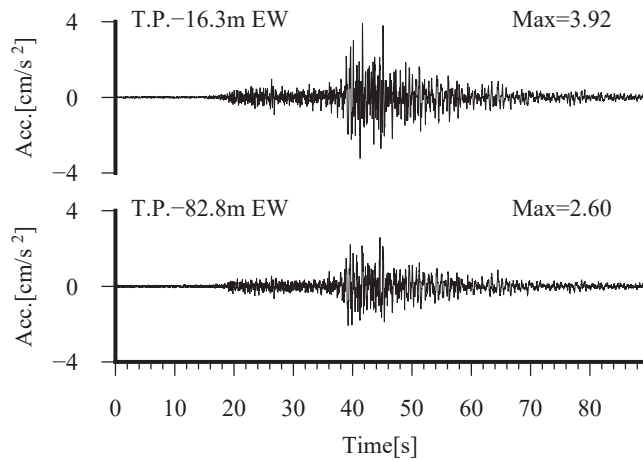
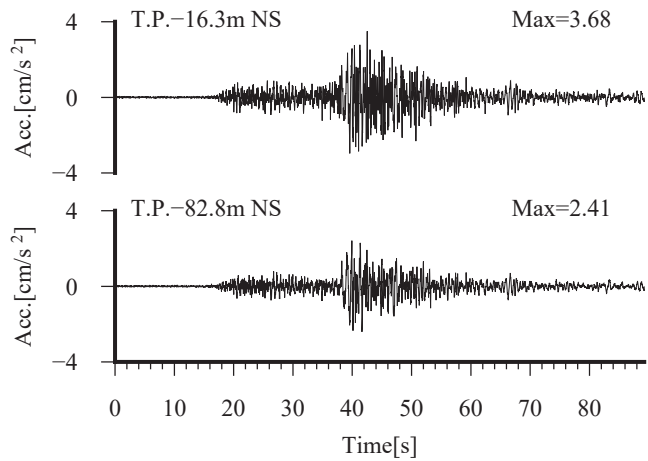
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/9/17 (16:33) M5.5, 深さ=14.34km, 震央距離=172km, 震源距離=172km



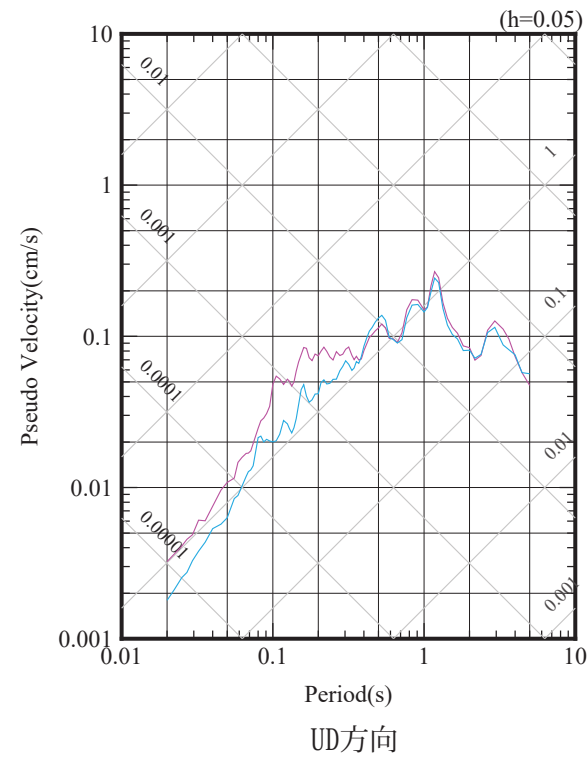
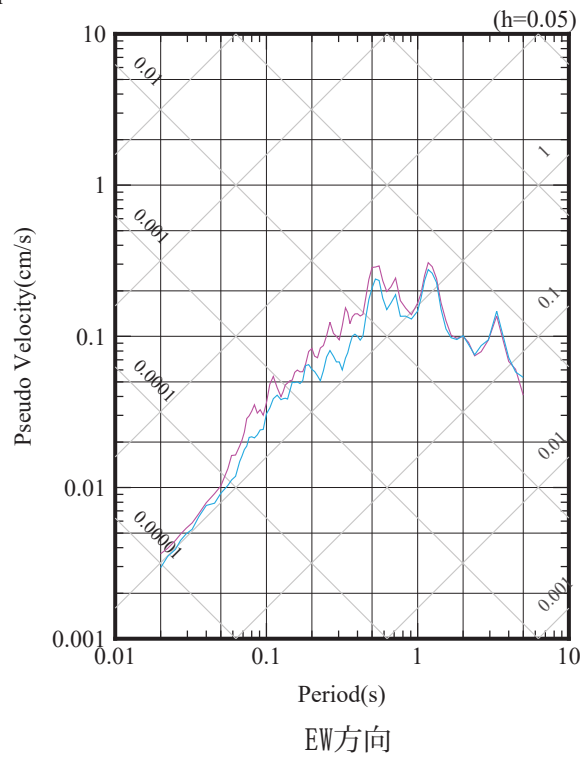
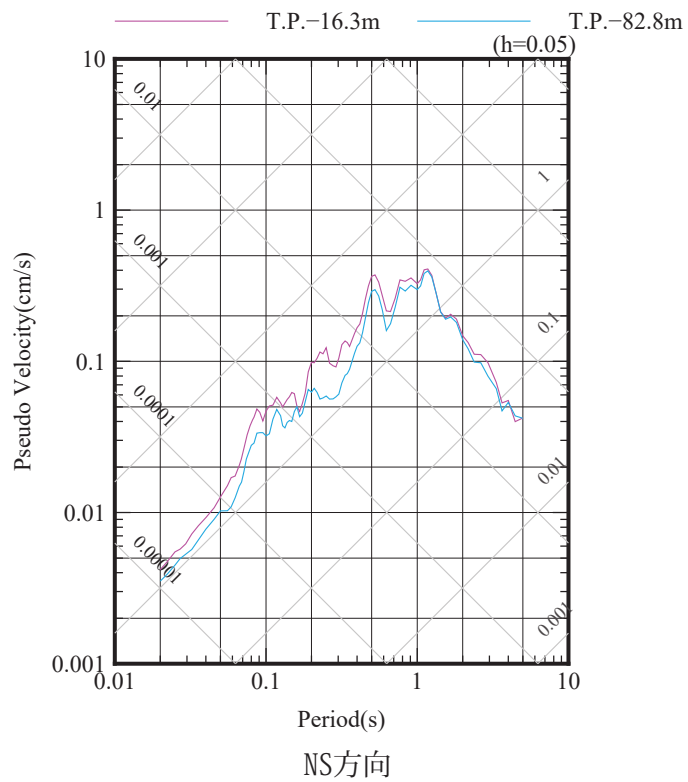
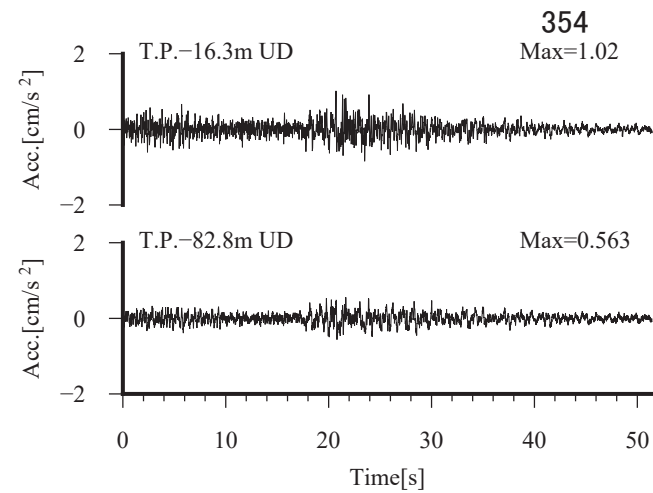
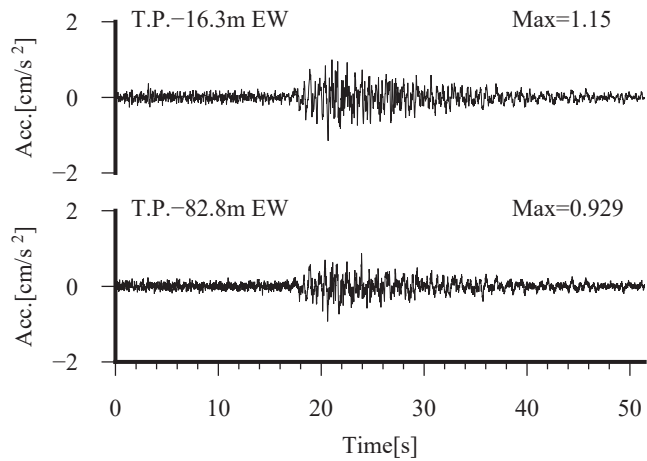
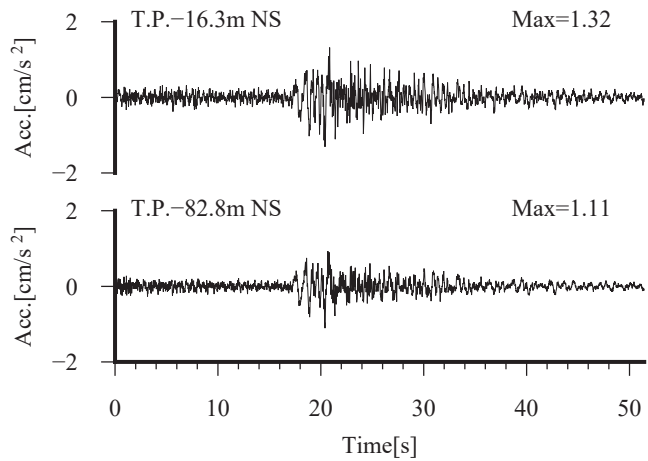
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2011/11/24 (19:25) M6.2, 深さ=43.21km, 震央距離=140km, 震源距離=146km



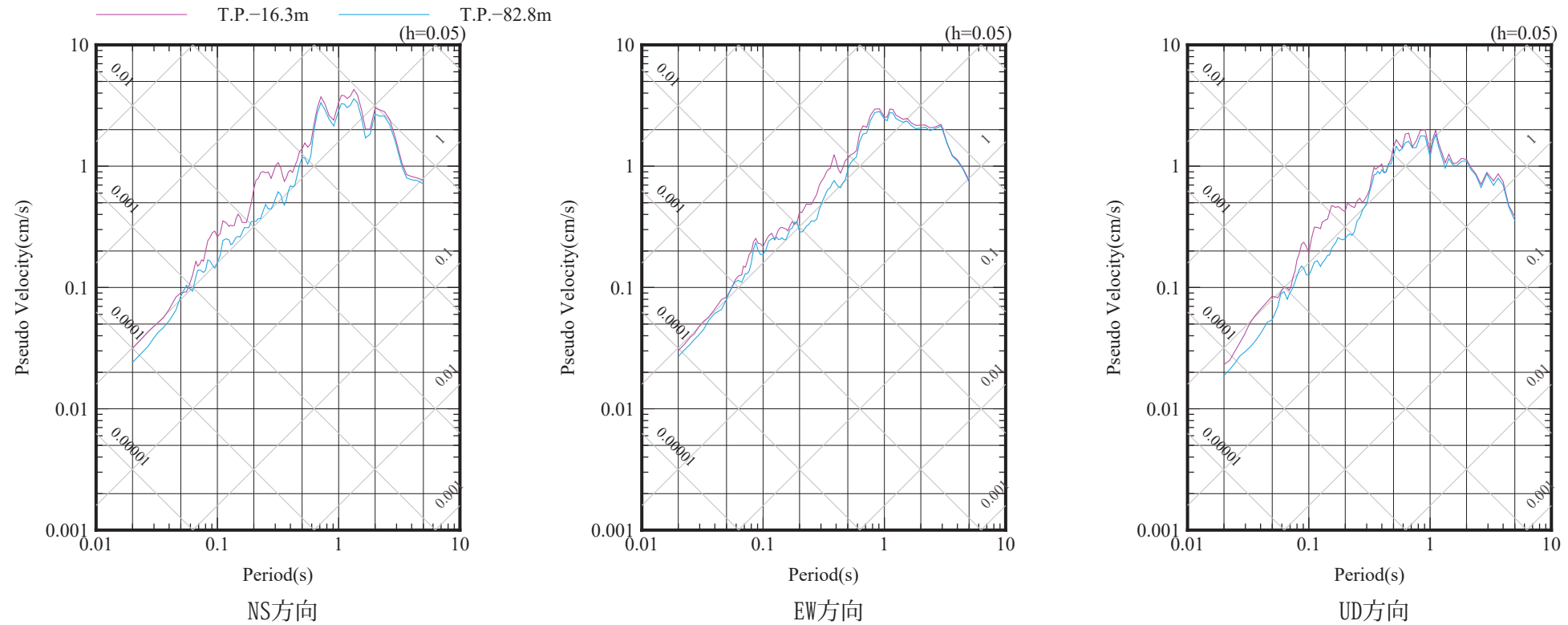
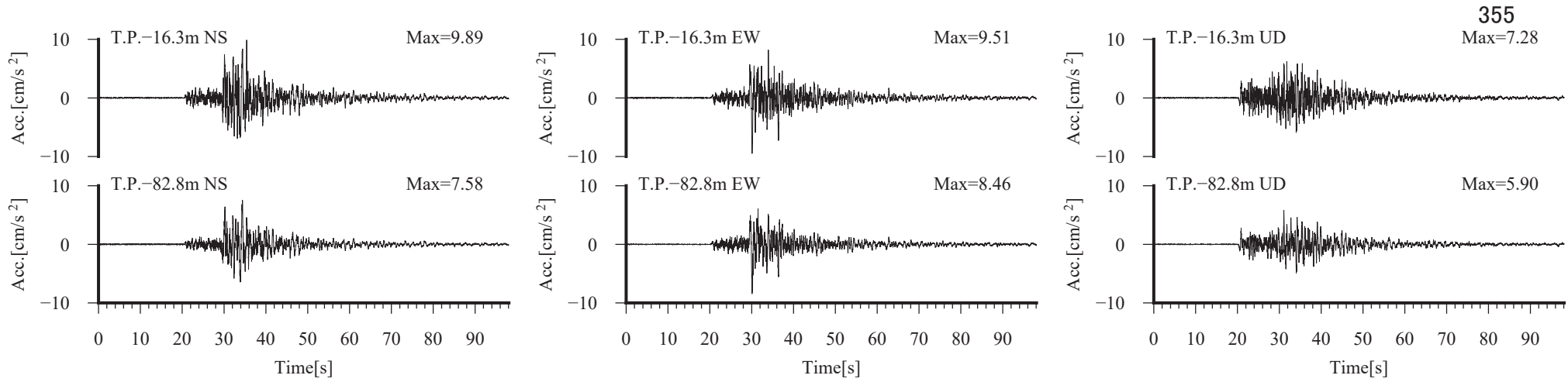
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/1/28 (9:22) M5.7, 深さ=36.05km, 震央距離=145km, 震源距離=149km



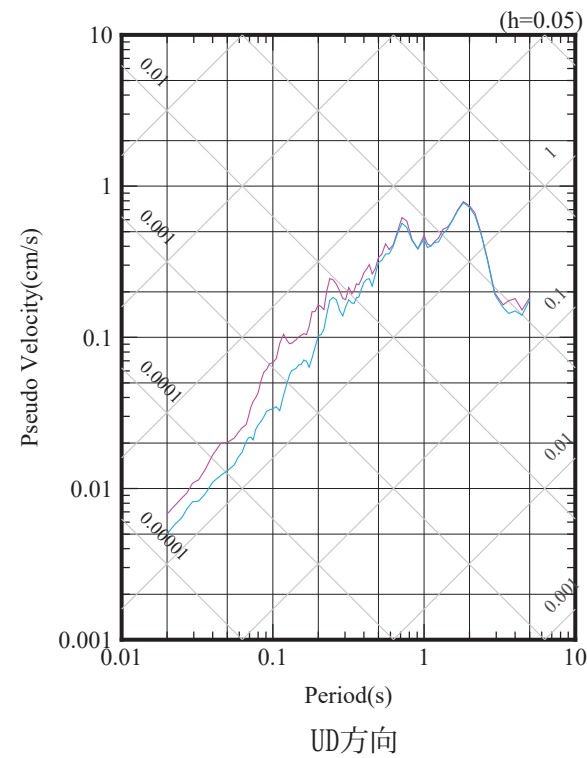
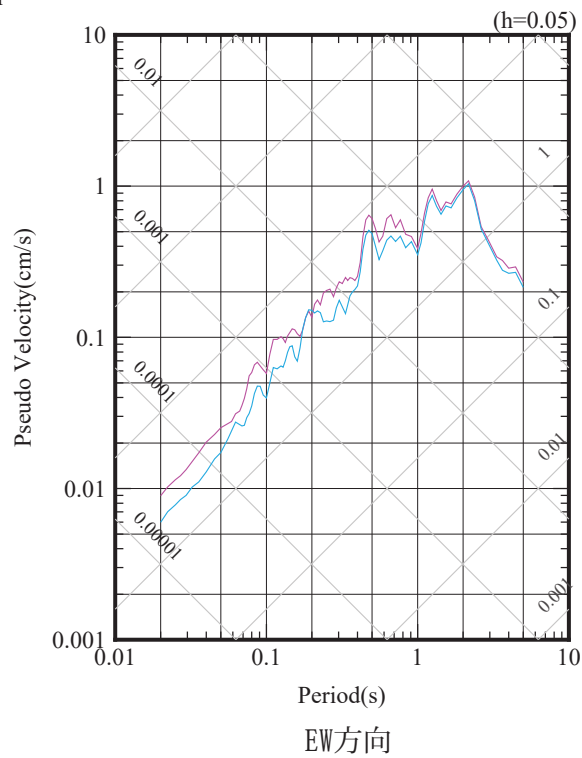
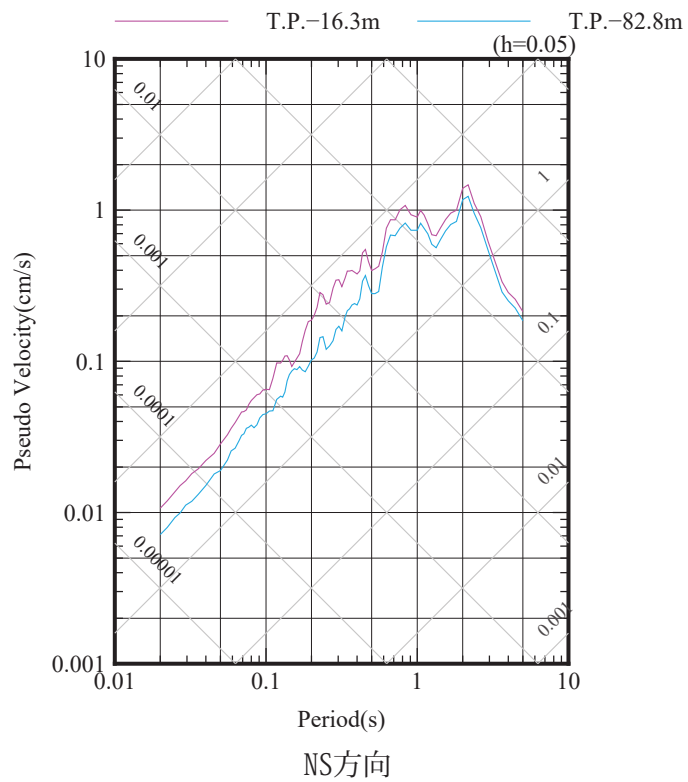
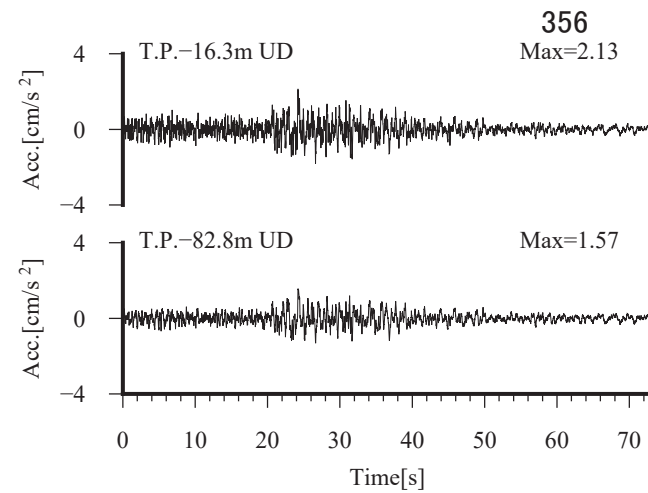
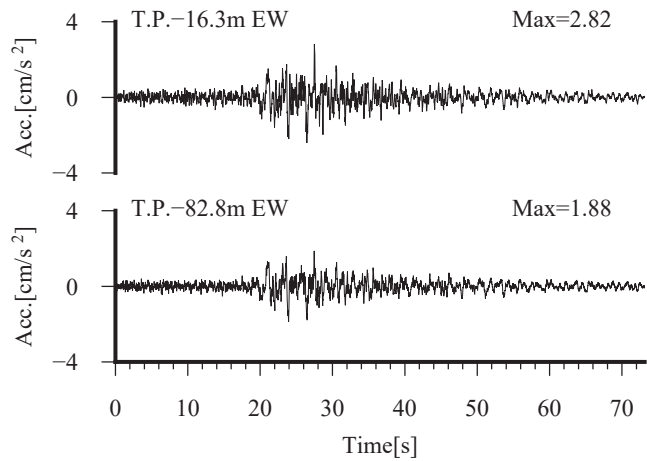
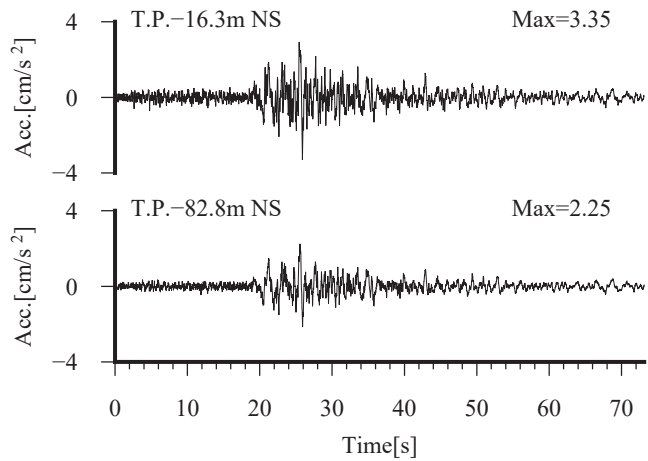
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/3/27 (20:0) M6.6, 深さ=20.5km, 震央距離=173km, 震源距離=174km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/4/30 (0:2) M5.6, 深さ=22.68km, 震央距離=177km, 震源距離=178km

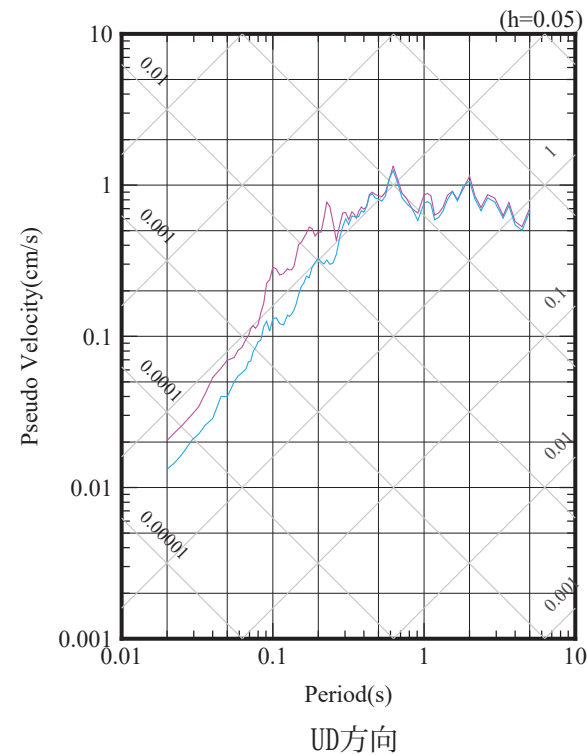
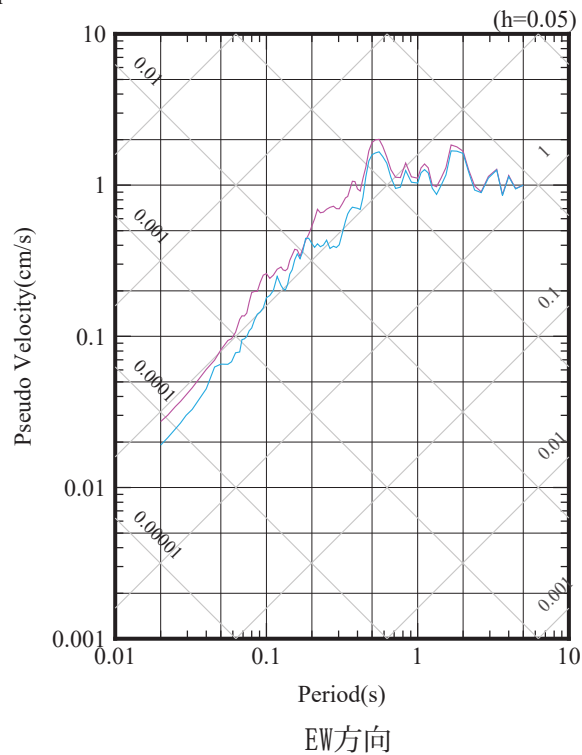
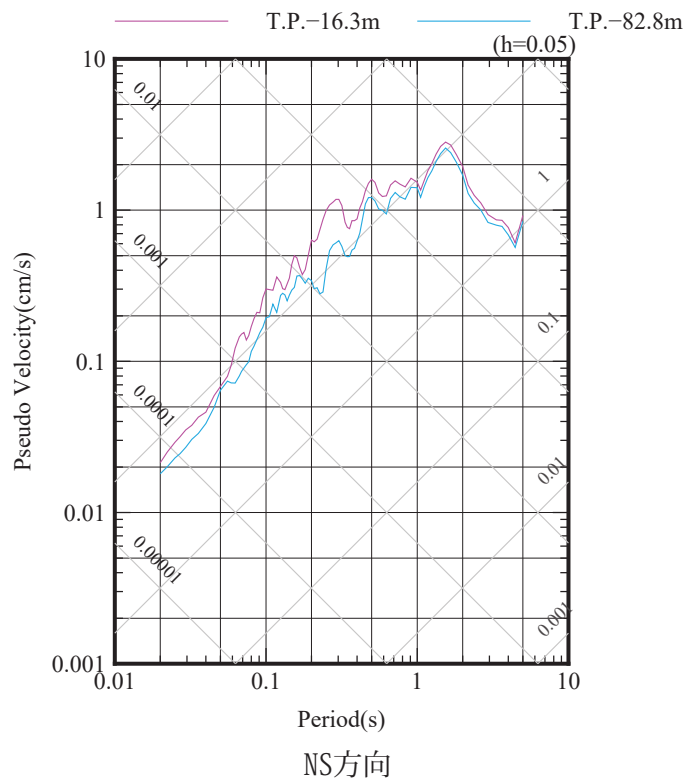
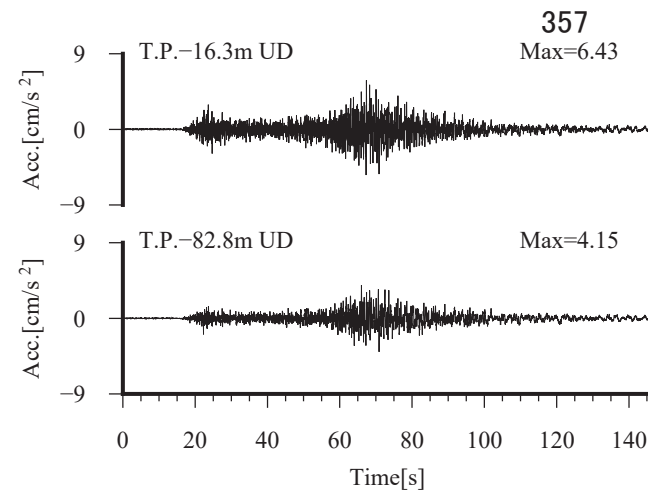
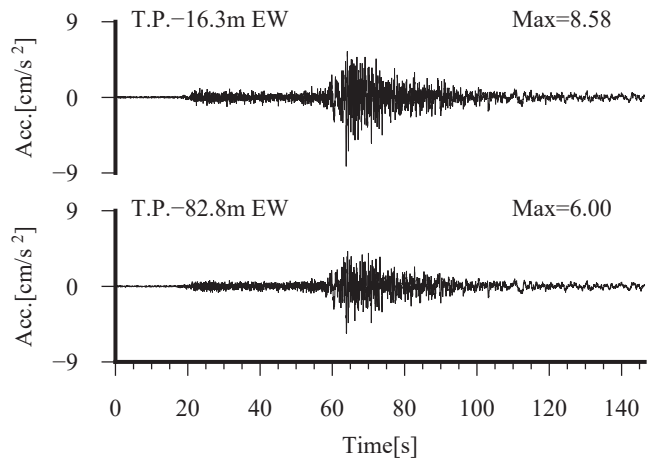
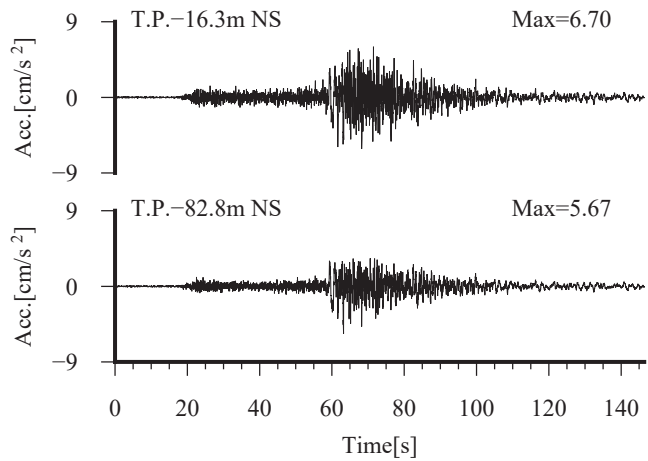


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/5/24 (0:2) M6.1, 深さ=59.6km, 震央距離=64km, 震源距離=87km

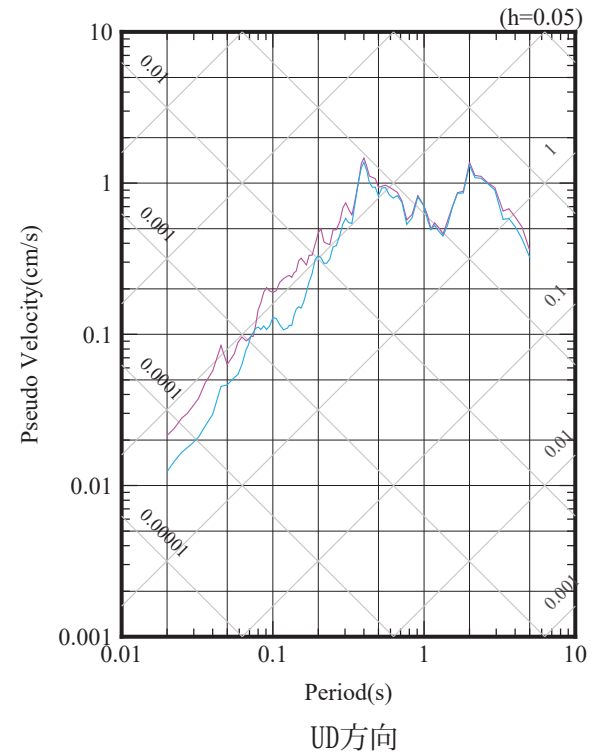
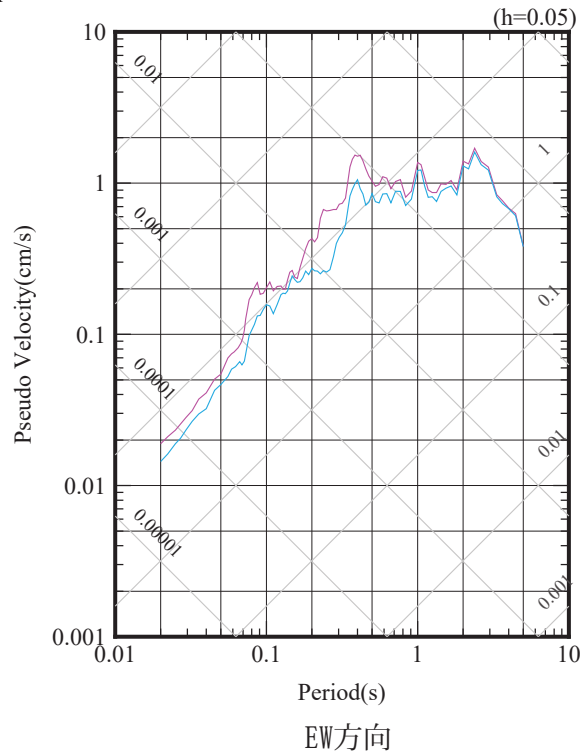
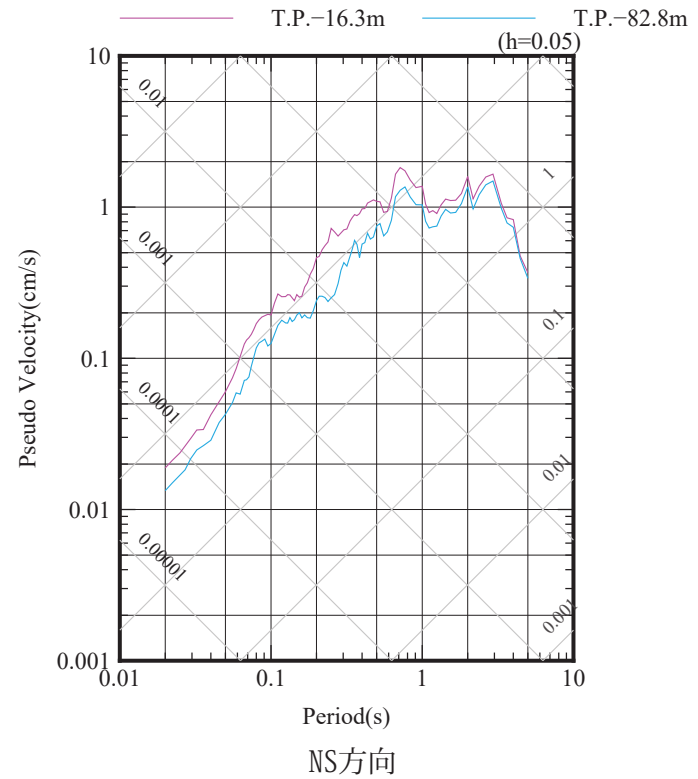
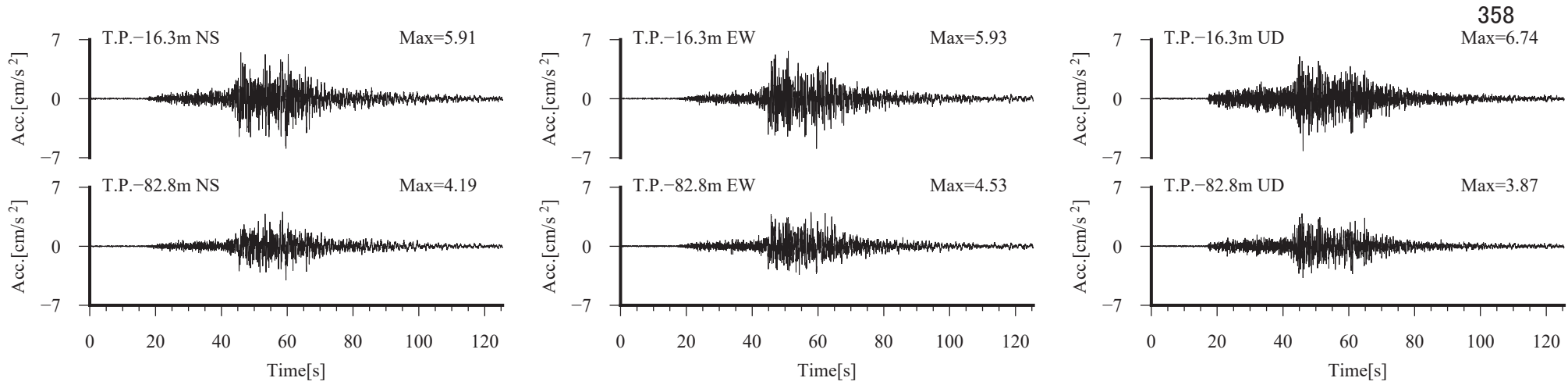


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/8/25 (23:16) M6.1, 深さ=49.1km, 震央距離=191km, 震源距離=197km

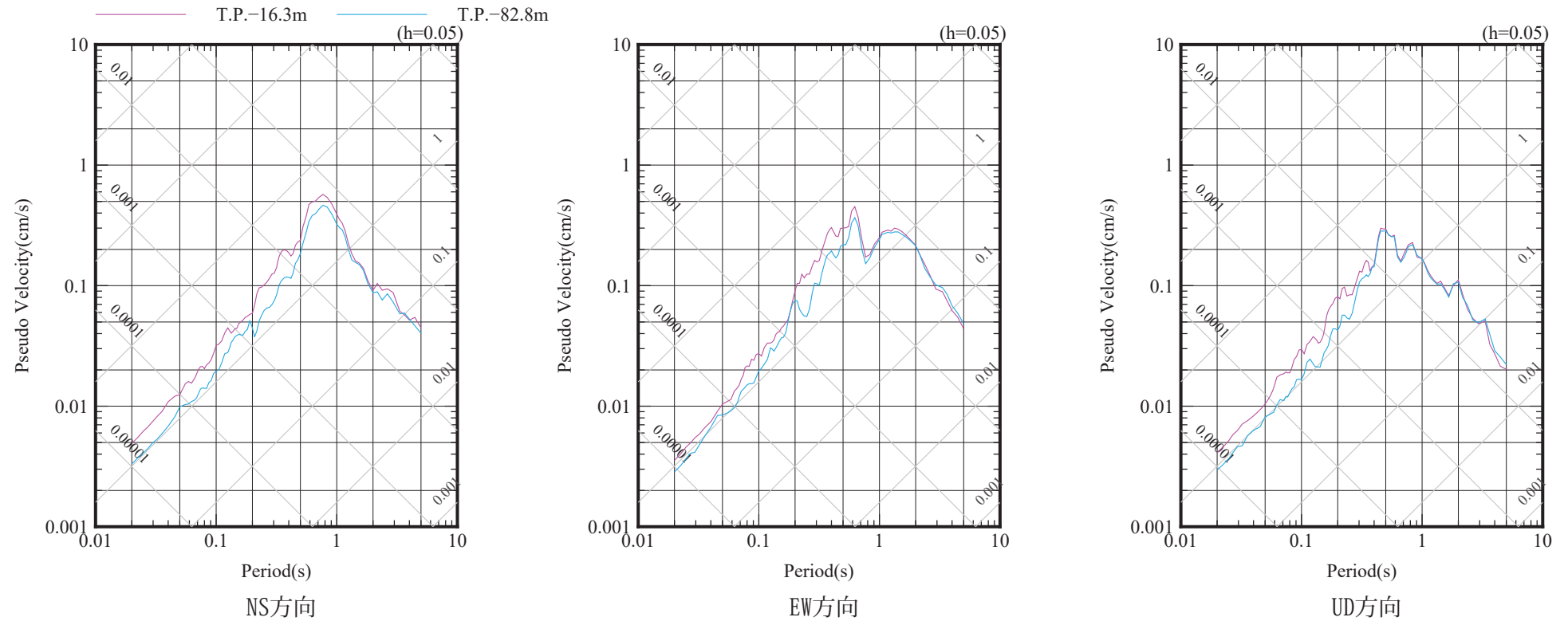
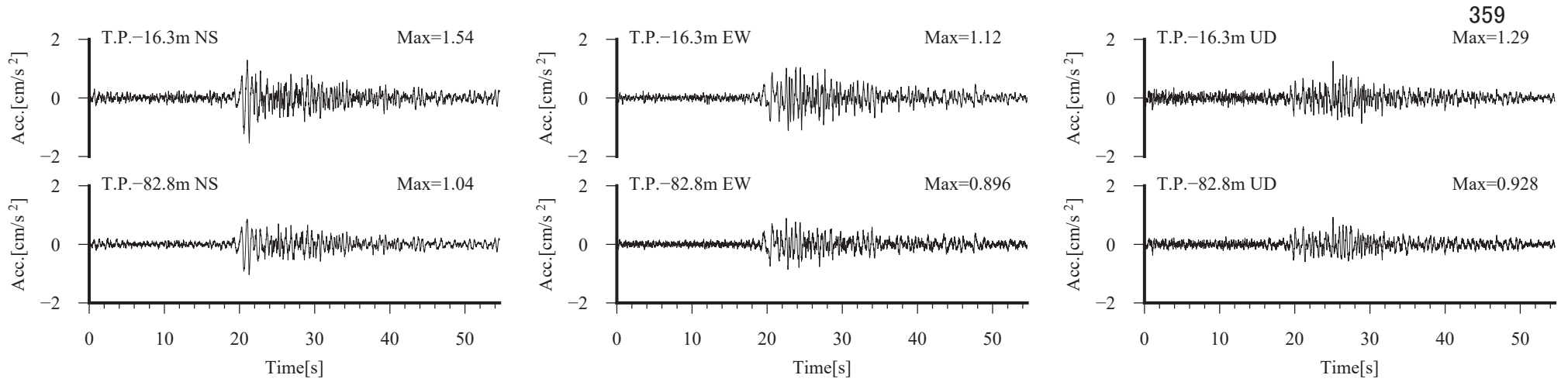




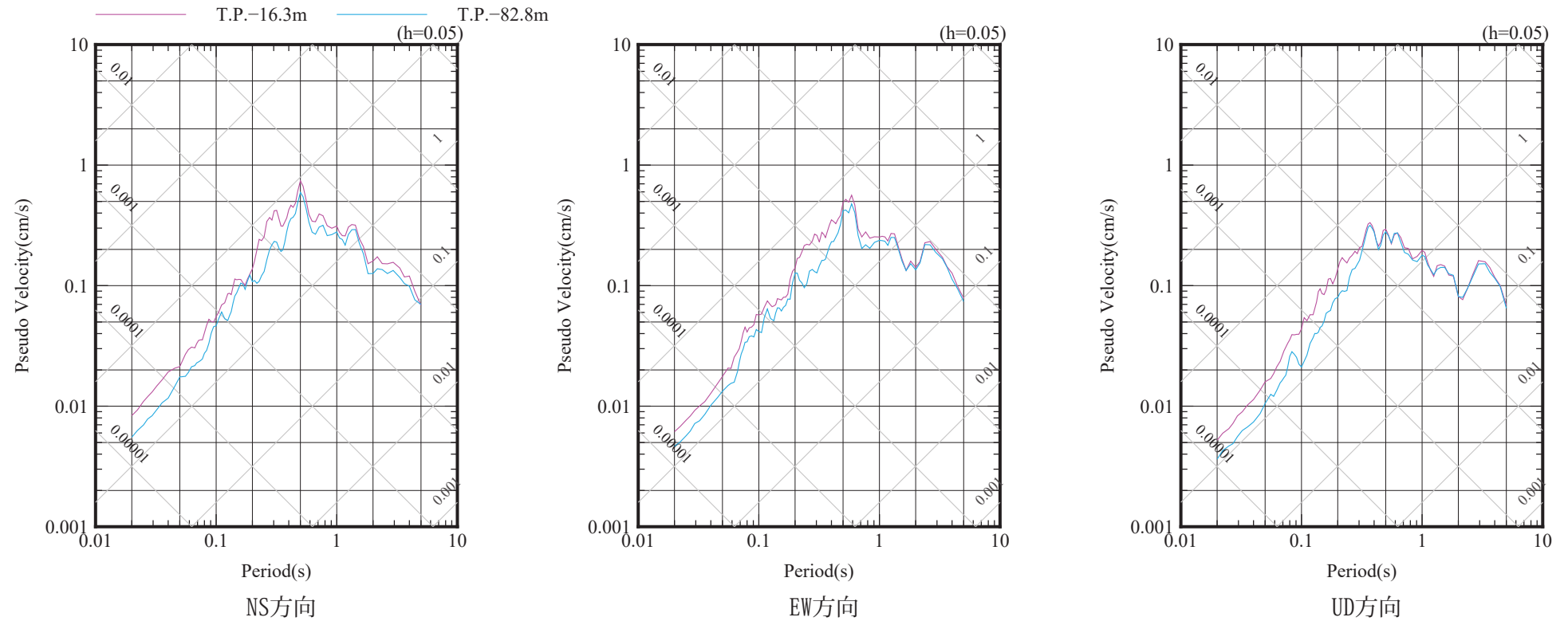
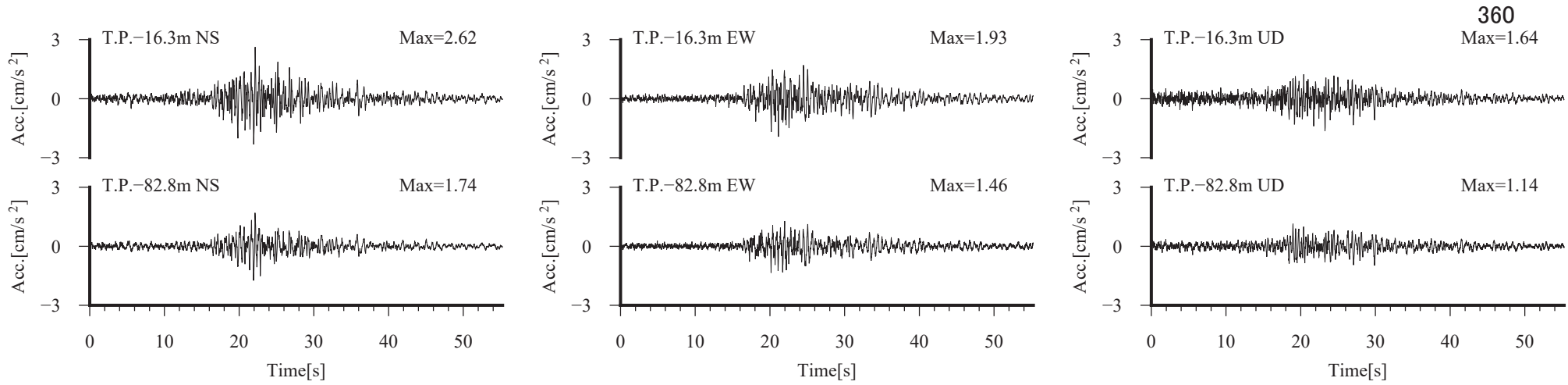
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2012/12/7 (17:18) M7.3, 深さ= 49 km, 震央距離=411km, 震源距離=414km



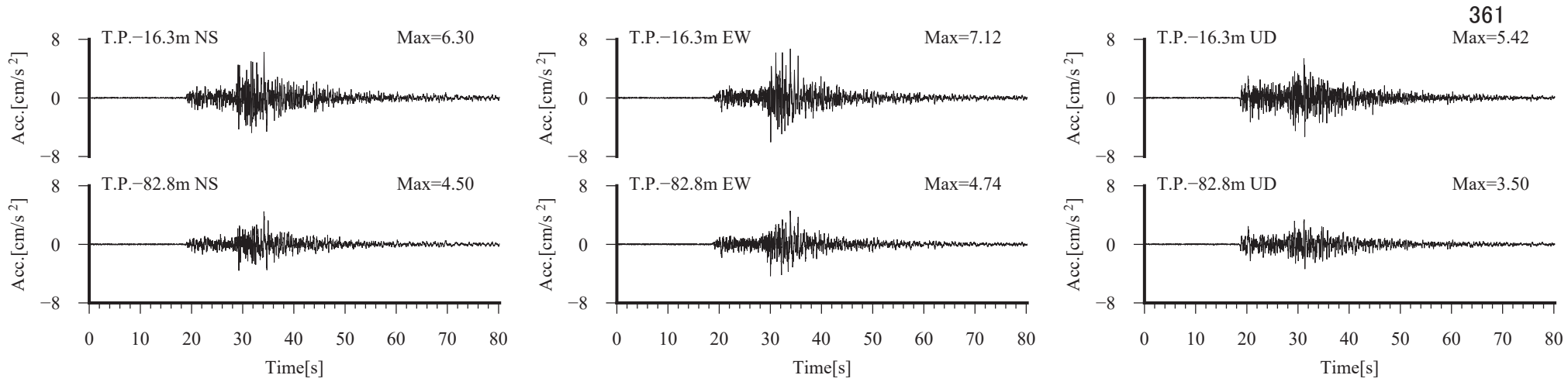
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2013/2/2 (23:17) M6.5, 深さ=101.95km, 震央距離=227km, 震源距離=249km



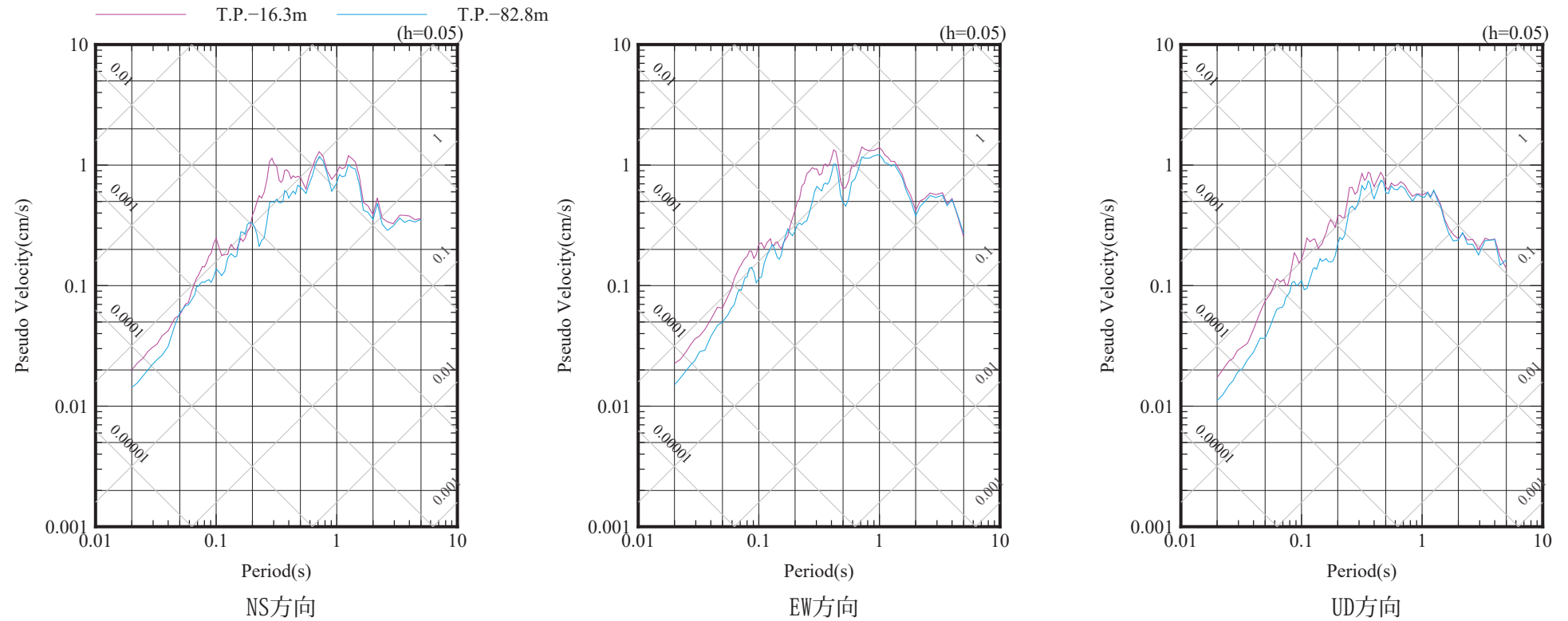
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2014/6/15 (2:31) M5.5, 深さ=93.9km, 震央距離=200km, 震源距離=221km



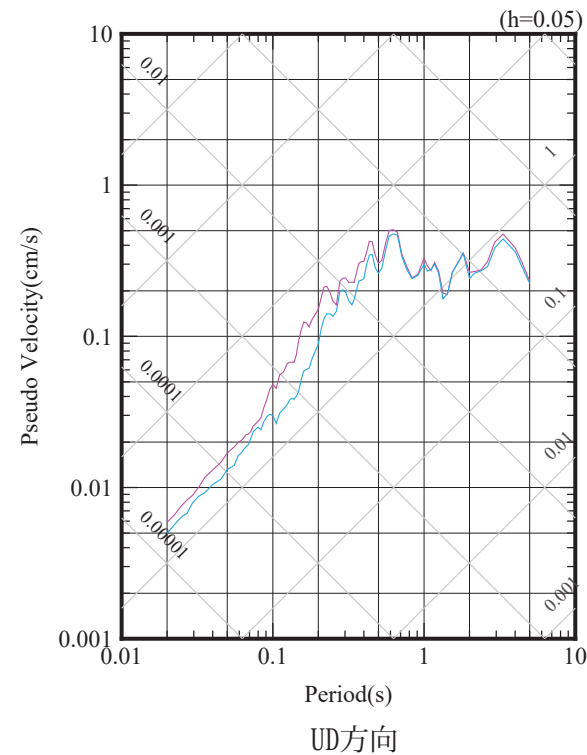
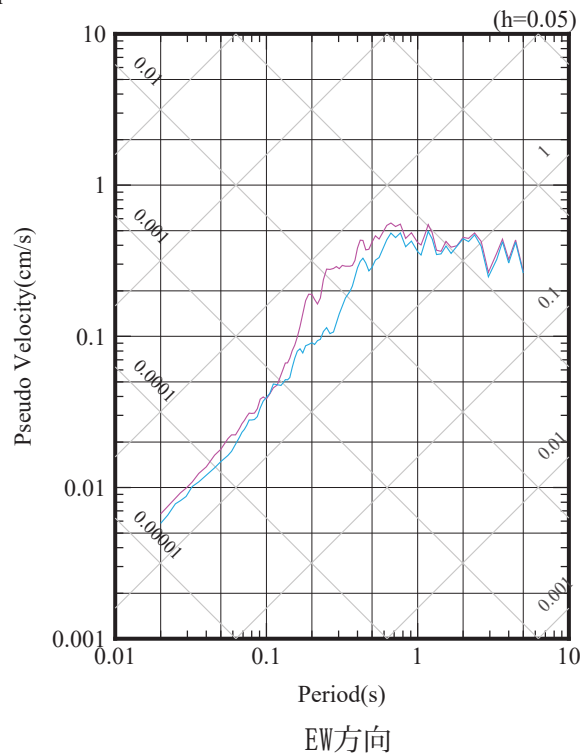
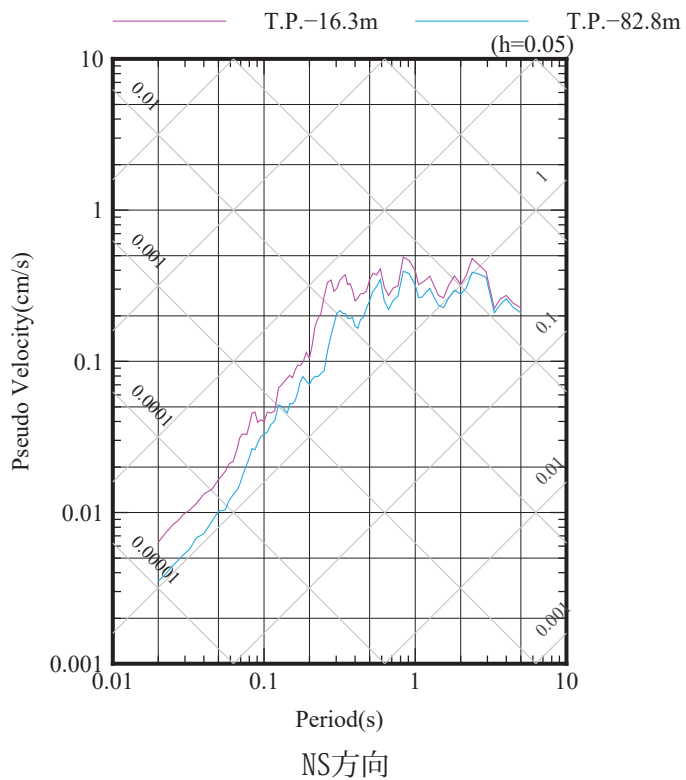
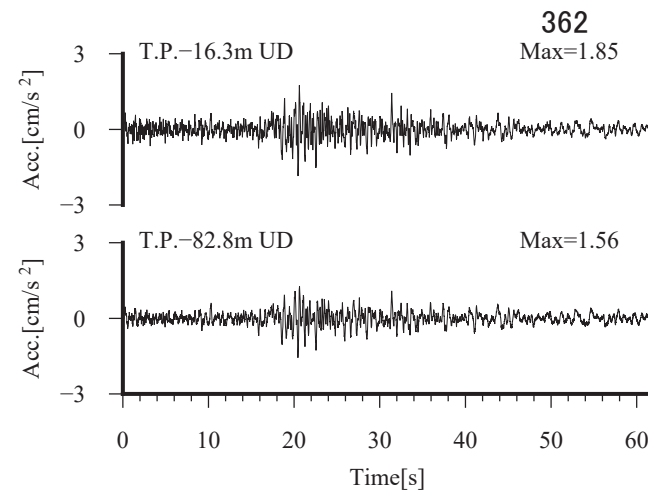
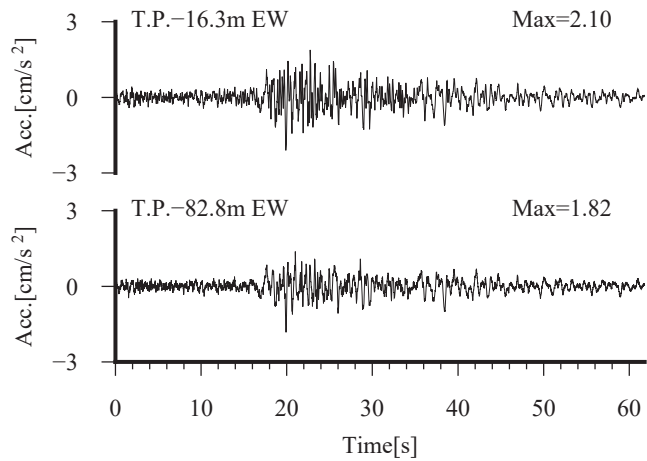
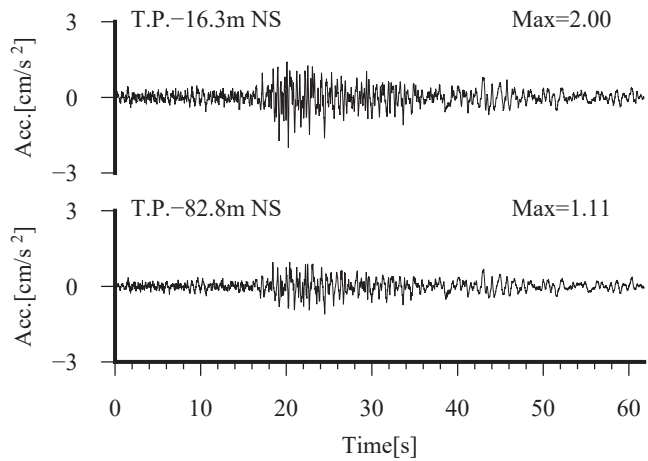
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2014/7/5 (7:42) M5.9, 深さ=49.07km, 震央距離=179km, 震源距離=186km



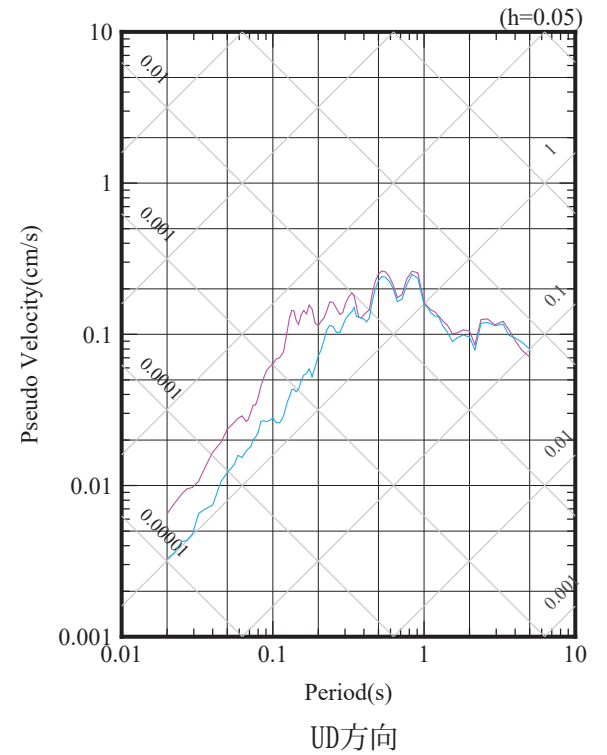
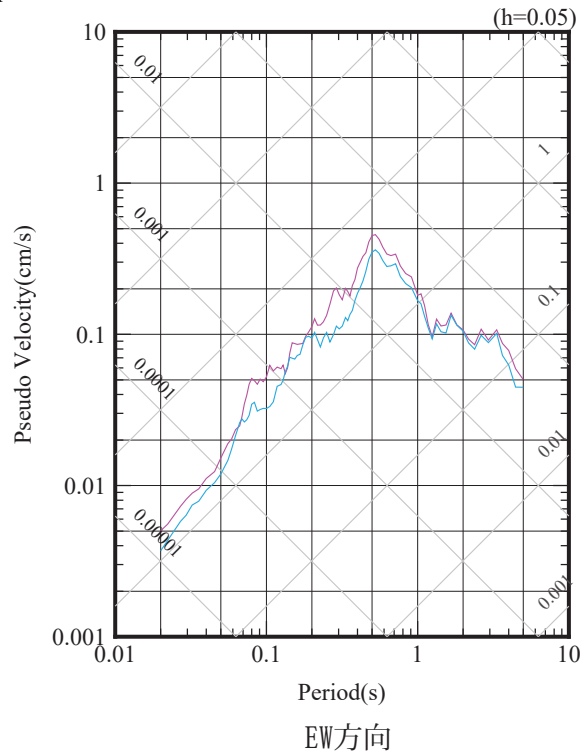
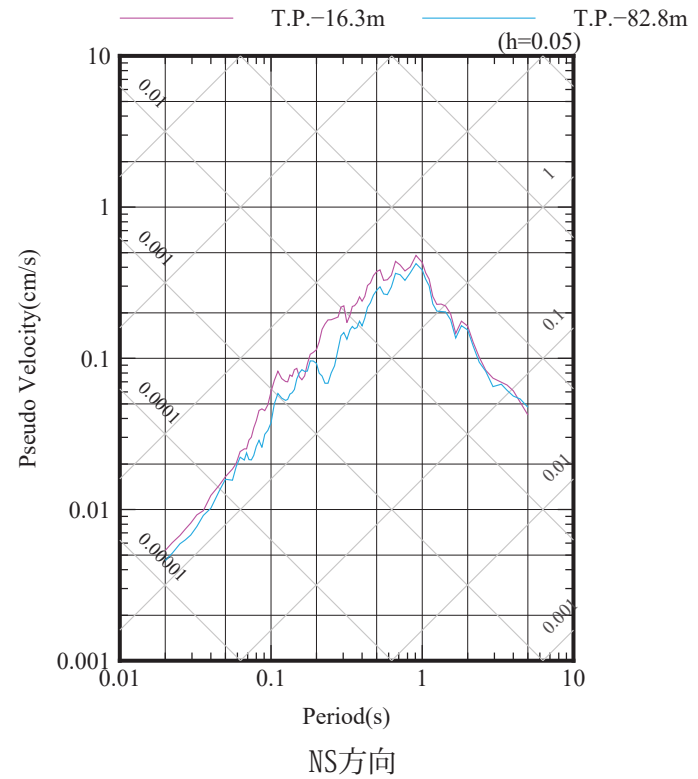
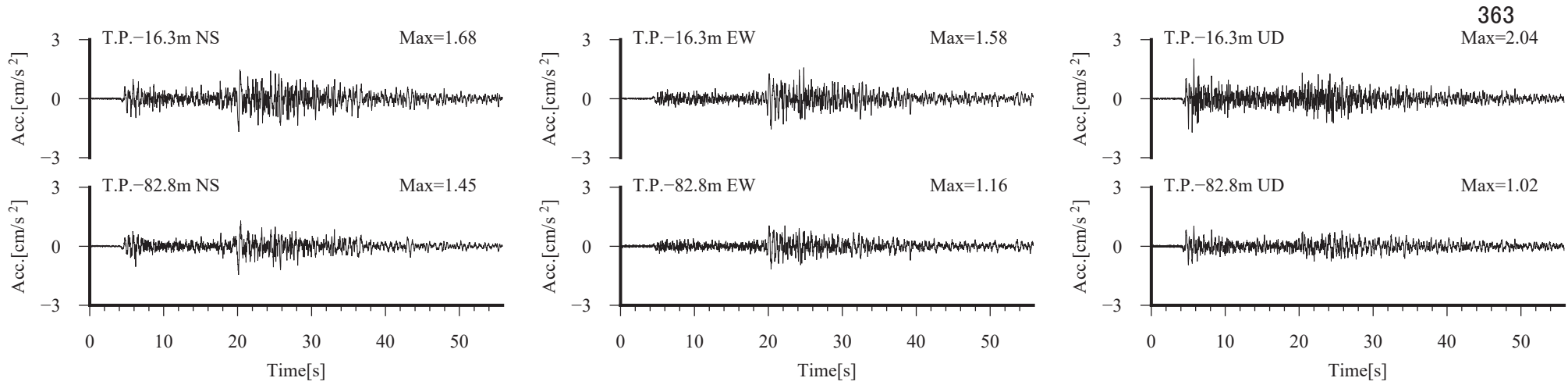
361



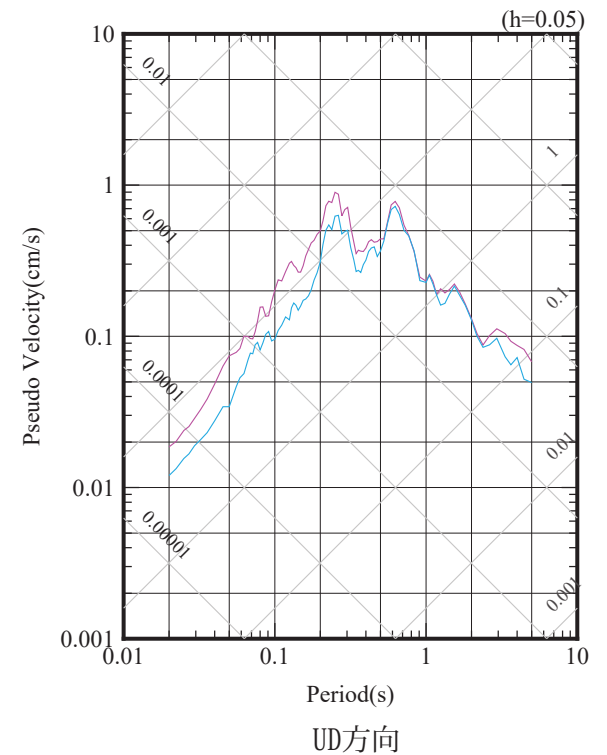
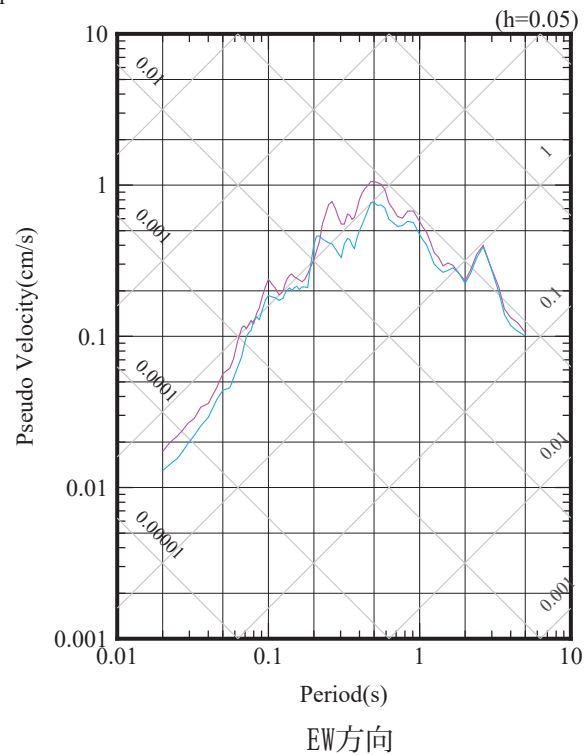
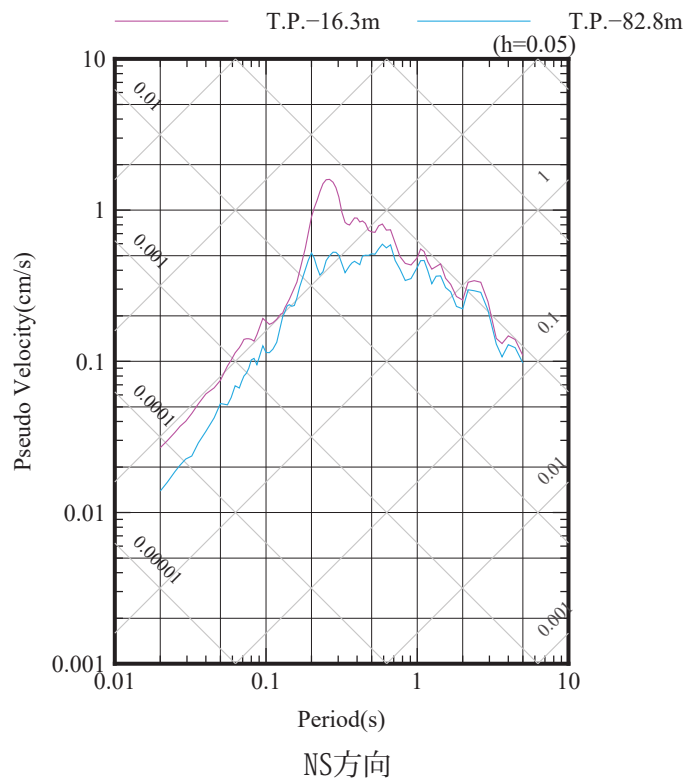
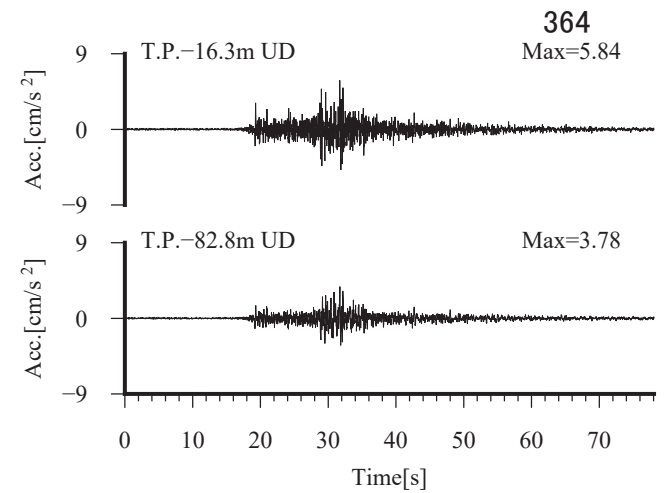
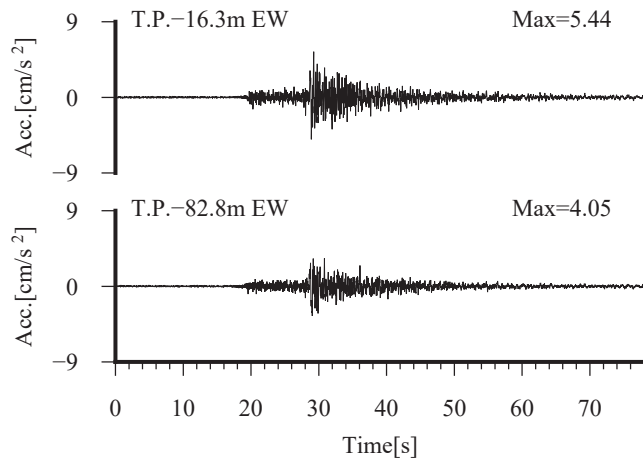
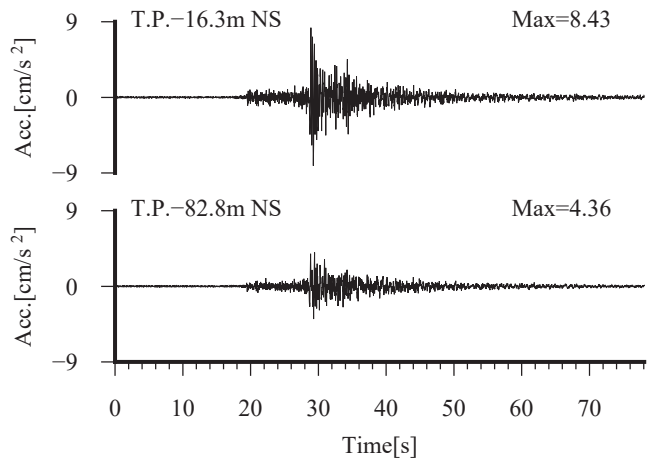
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2014/8/10 (12:43) M6.1, 深さ=50.56km, 震央距離=75km, 震源距離=90km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2014/10/11 (11:35) M6.1, 深さ= 36 km, 震央距離=158km, 震源距離=162km

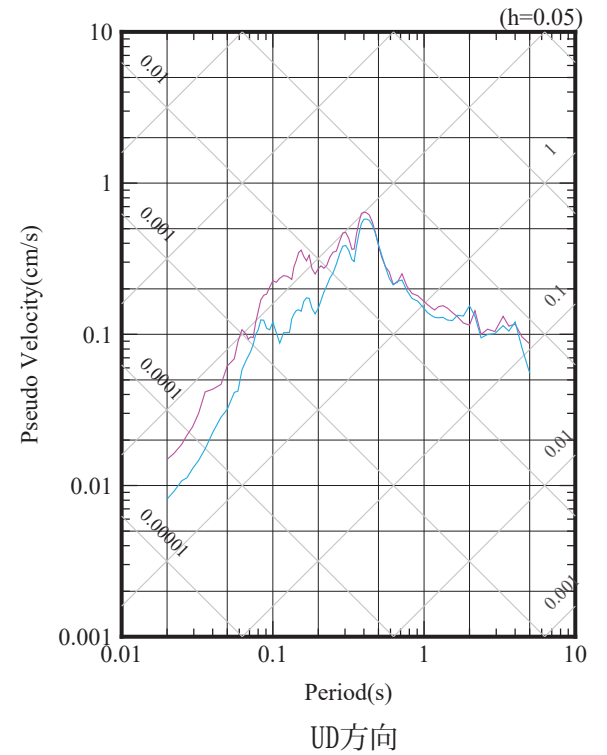
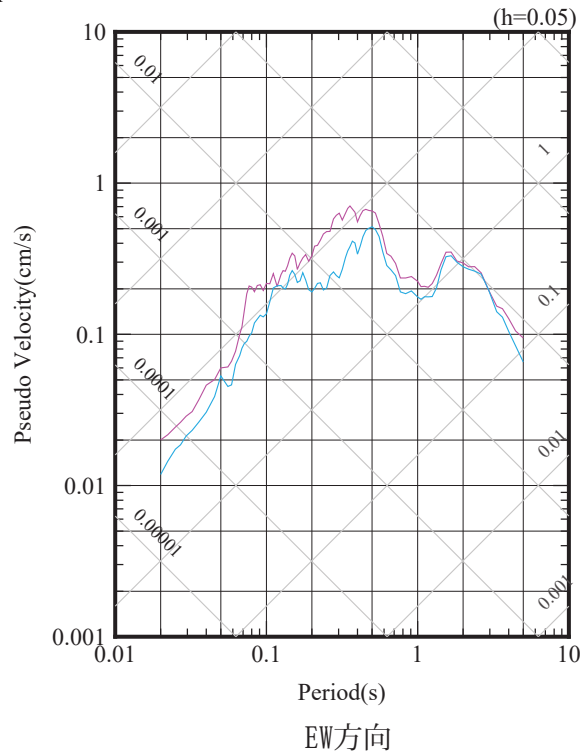
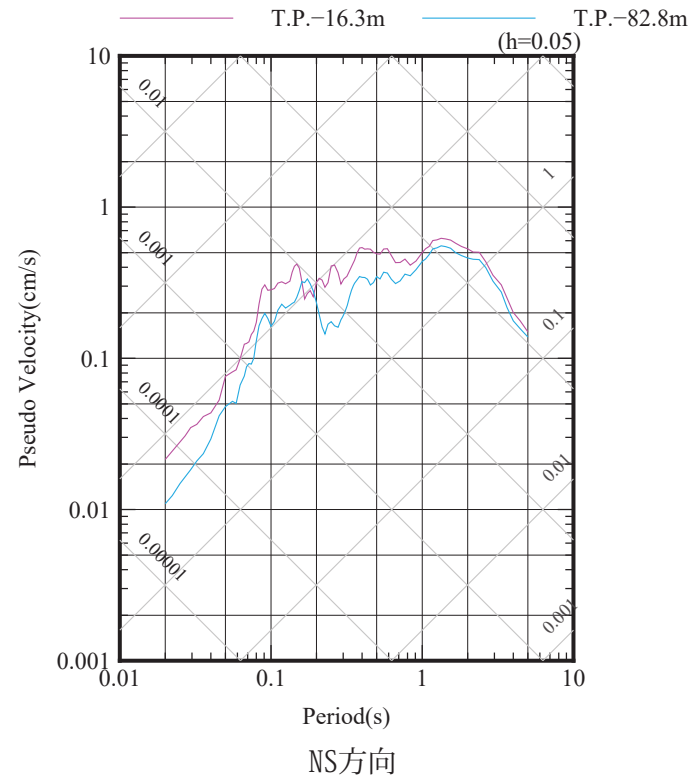
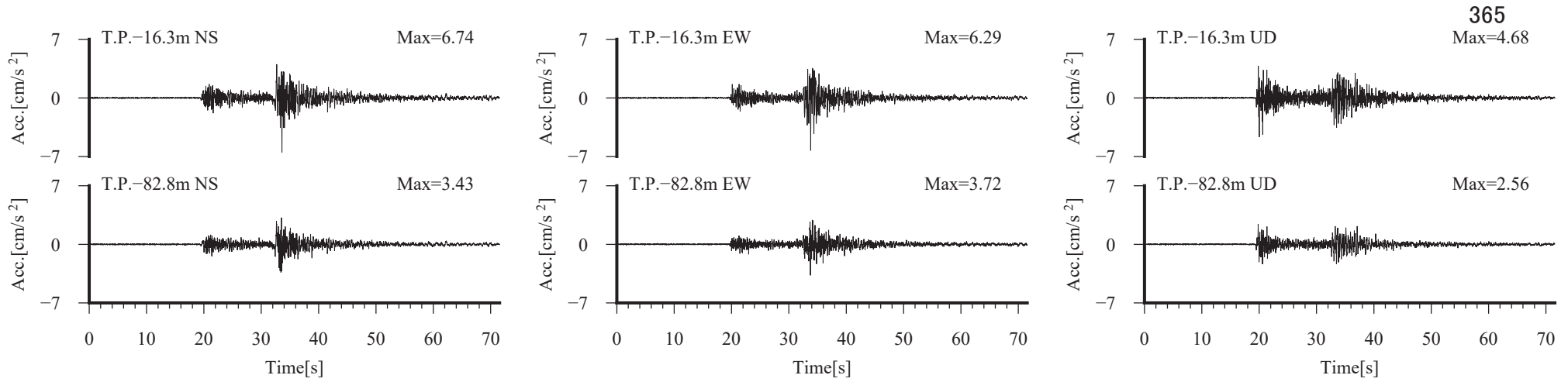


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2015/2/17 (13:46) M5.7, 深さ=49.52km, 震央距離=137km, 震源距離=146km

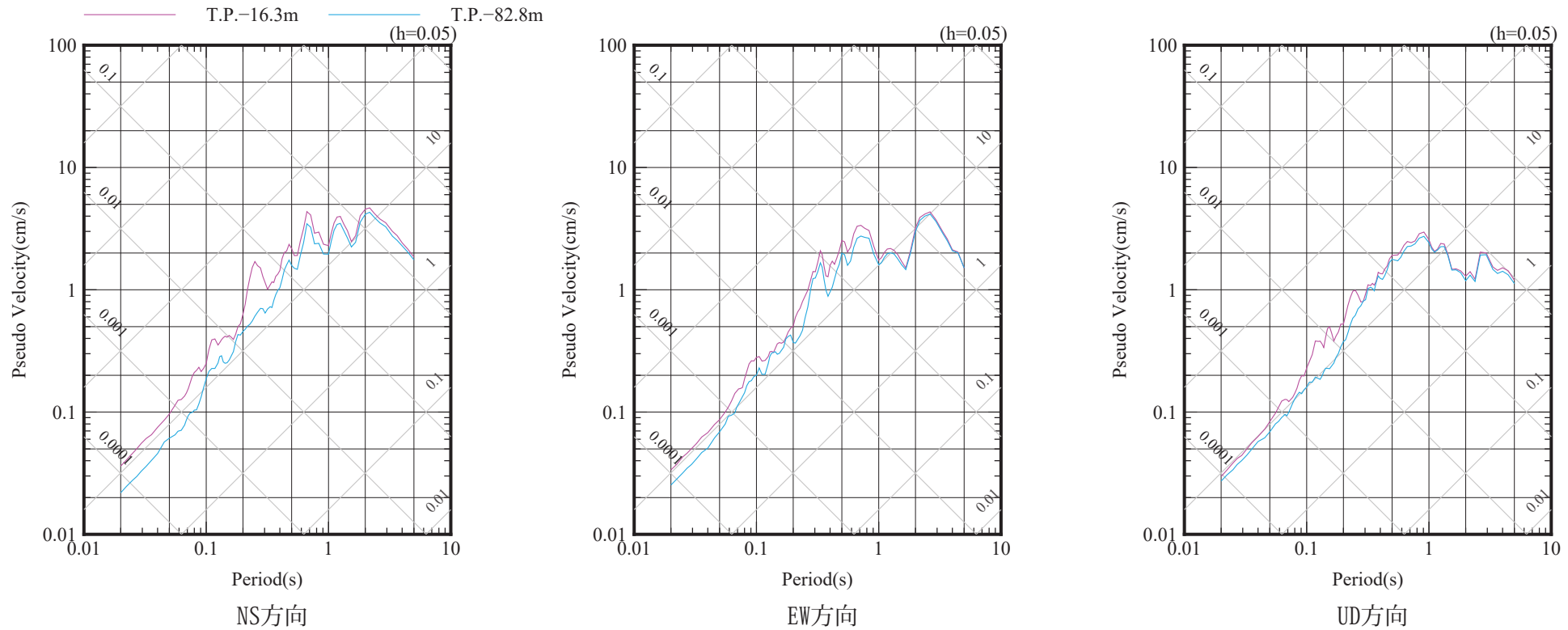
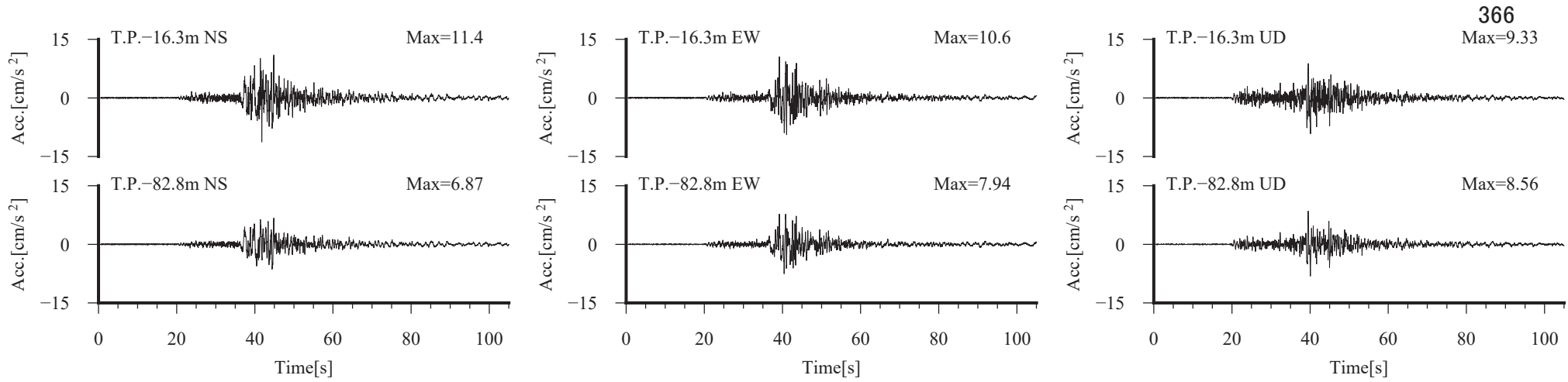


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2015/6/8 (15:1) M5.6, 深さ=66.07km, 震央距離=61km, 震源距離=90km

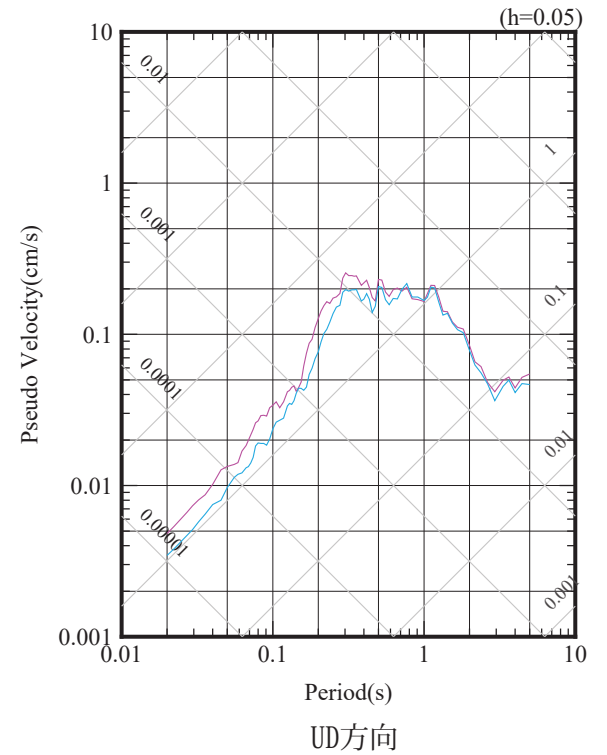
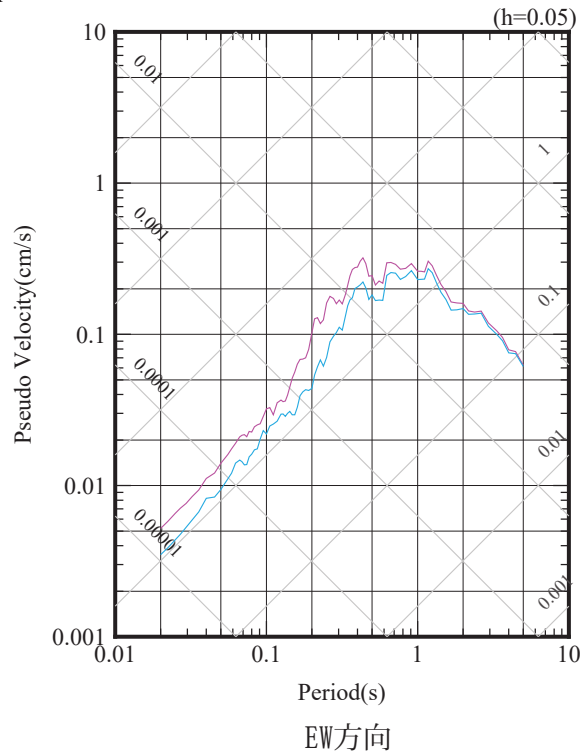
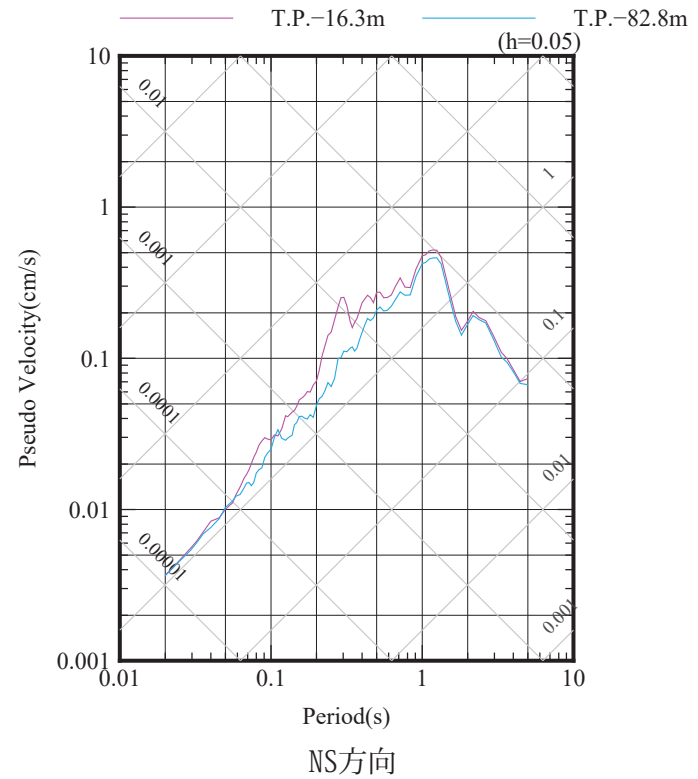
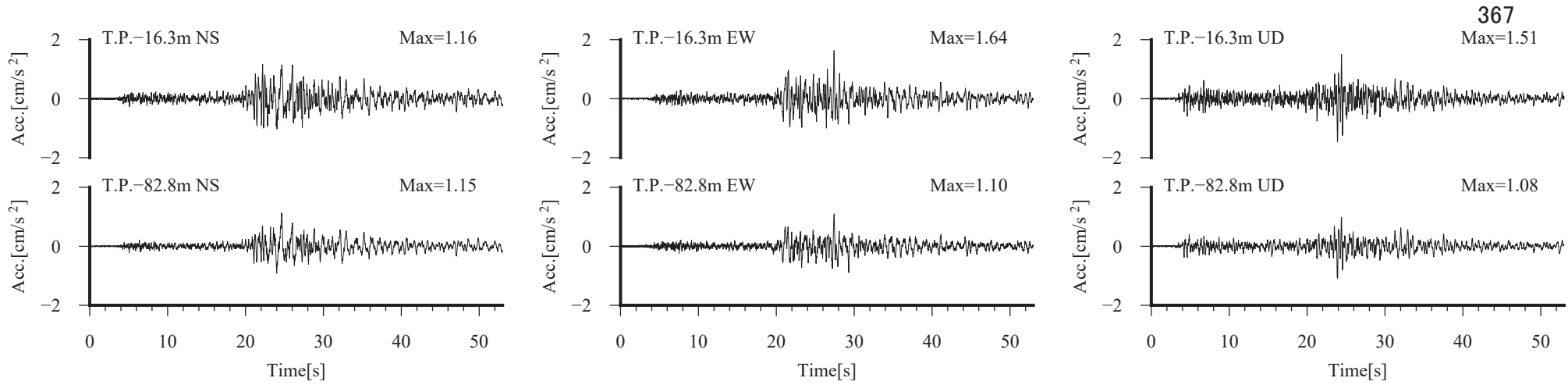




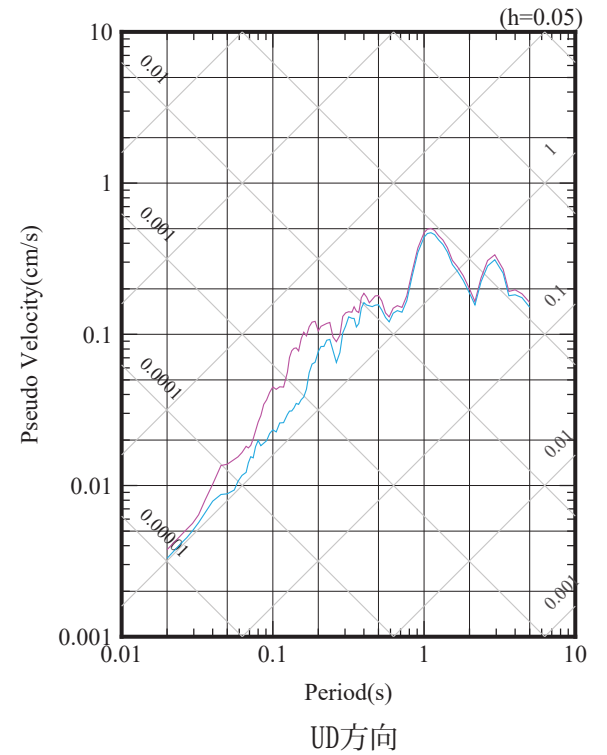
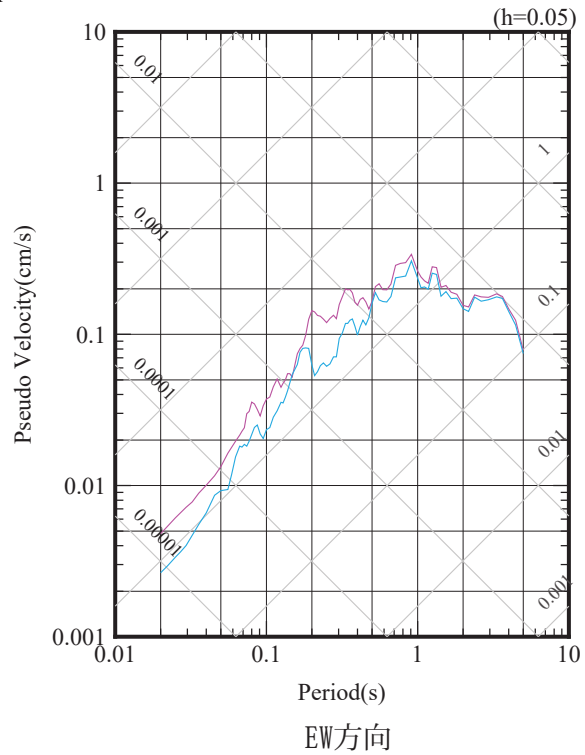
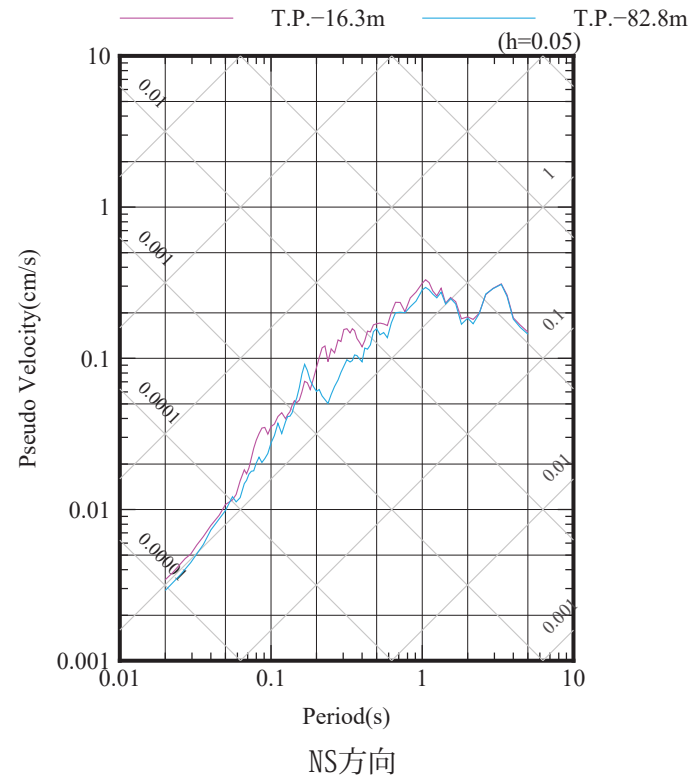
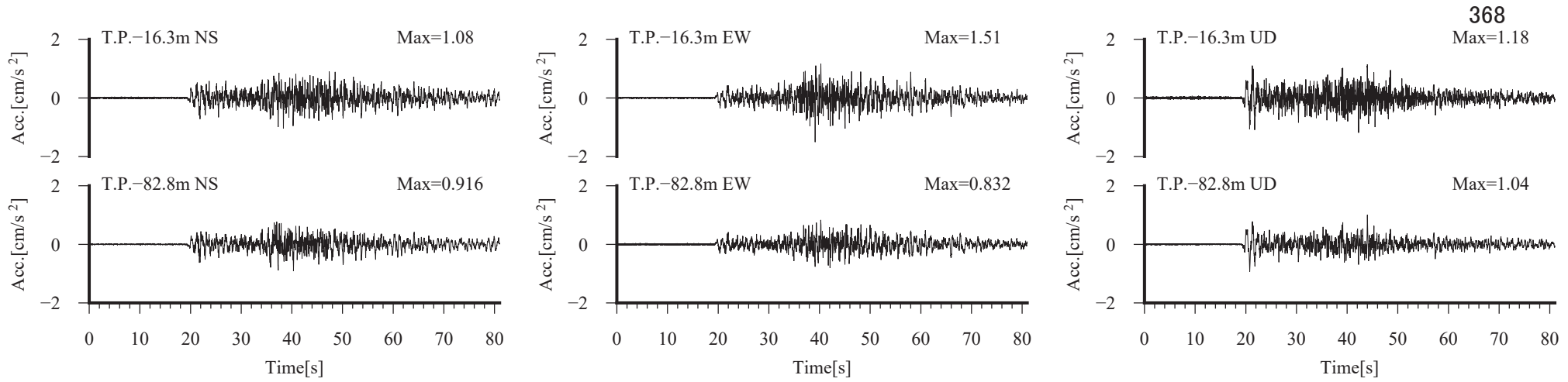
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2015/7/10 (3:32) M5.7, 深さ=88.01km, 震央距離=94km, 震源距離=129km



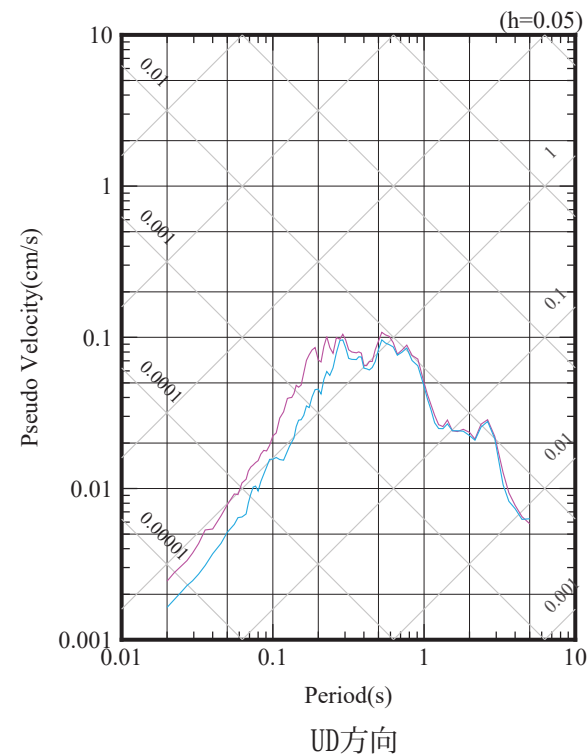
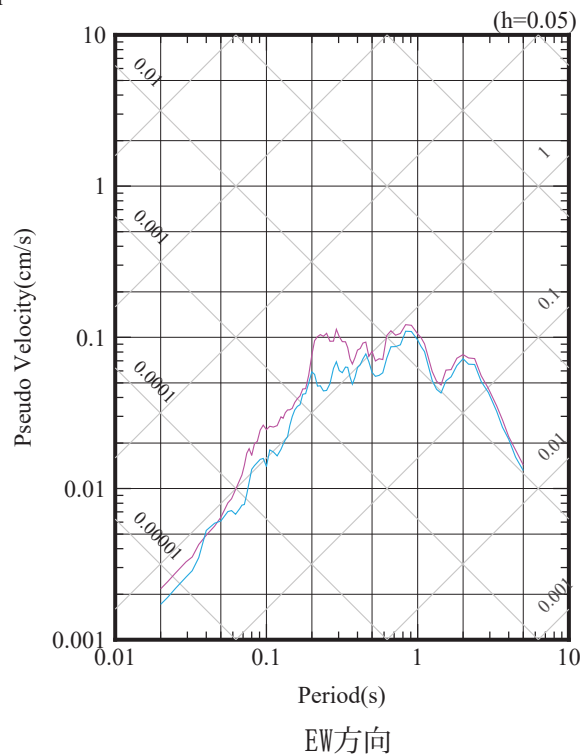
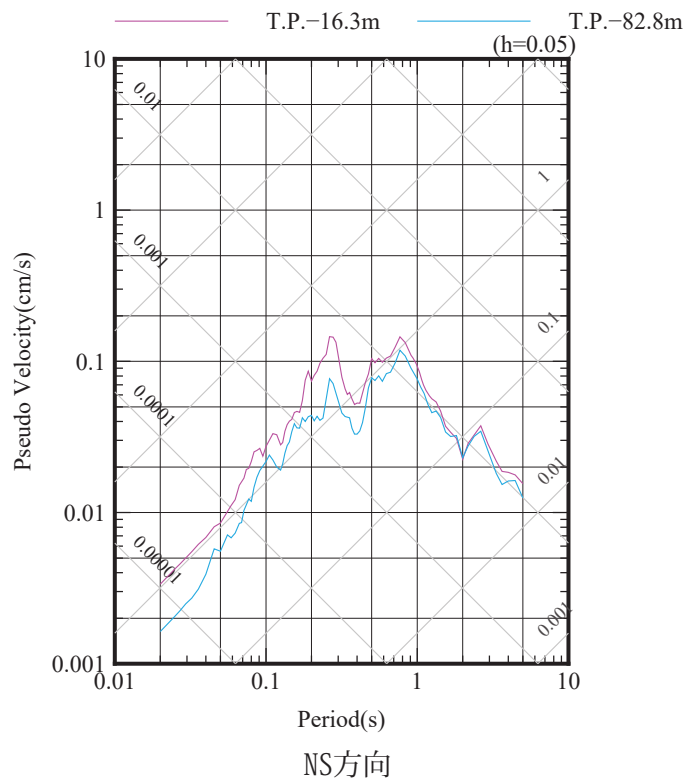
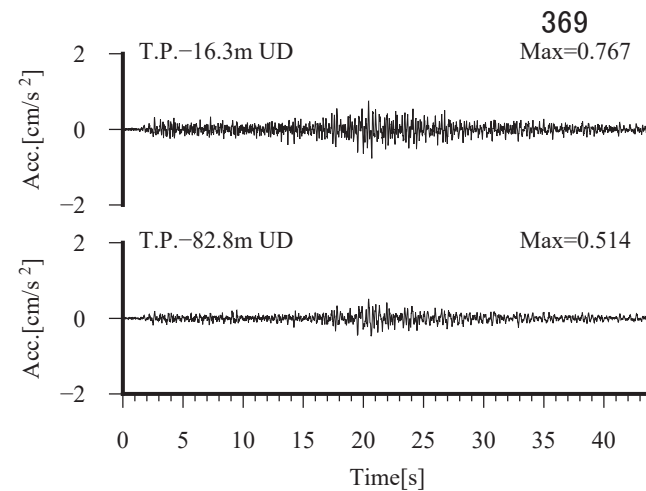
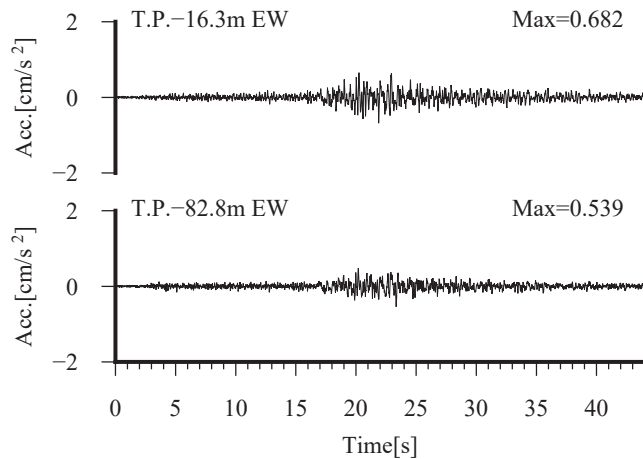
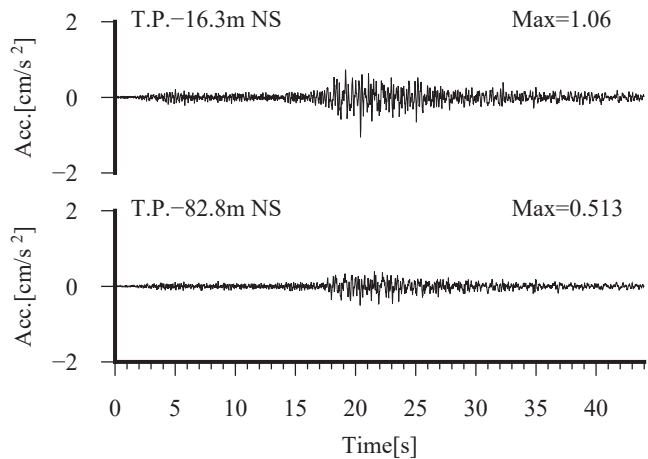
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2016/1/14 (12:25) M6.7, 深さ=51.51km, 震央距離=146km, 震源距離=155km



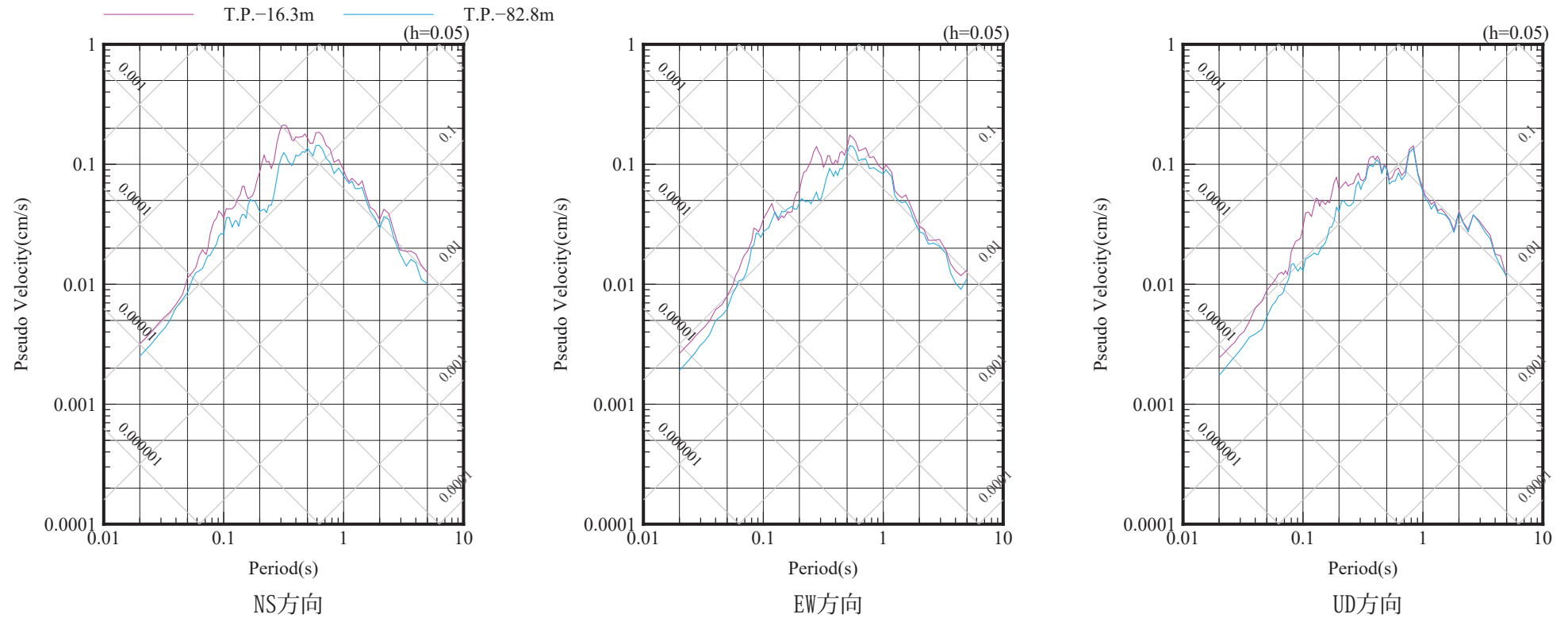
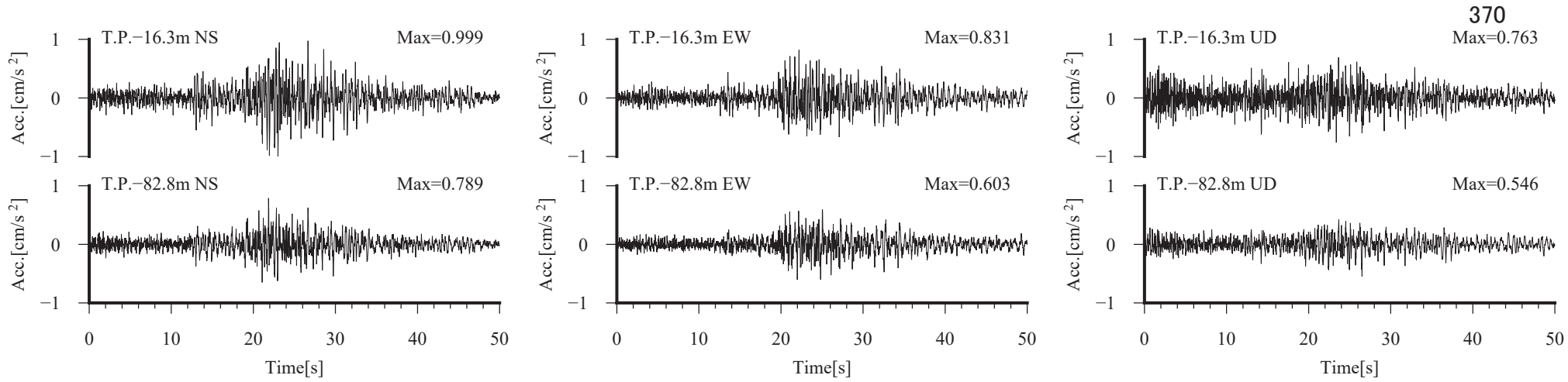
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2017/9/10 (17:44) M5.6, 深さ=43km, 震央距離=139km, 震源距離=146km



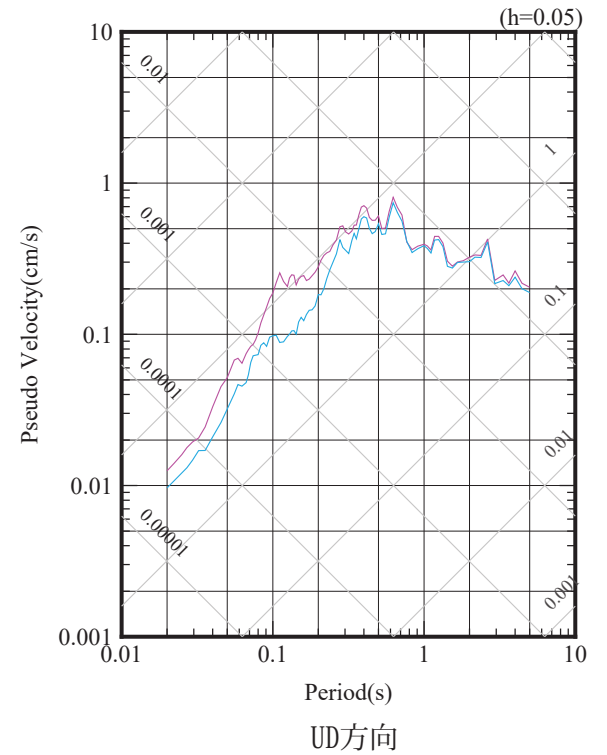
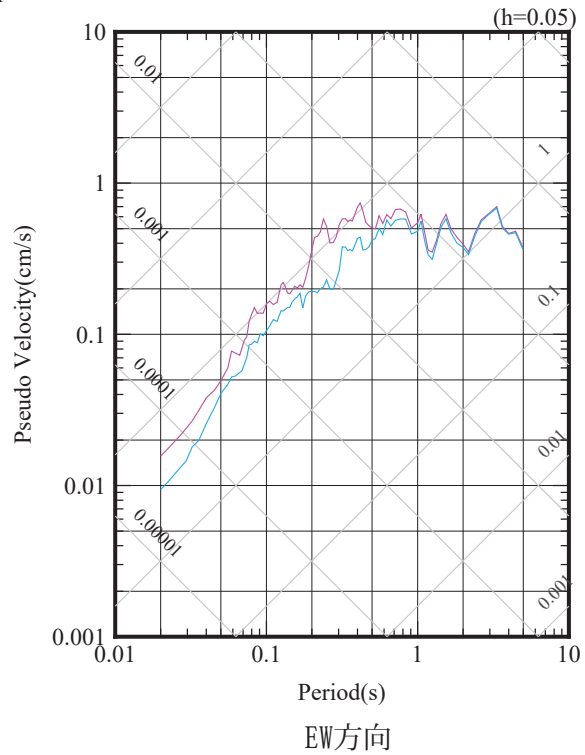
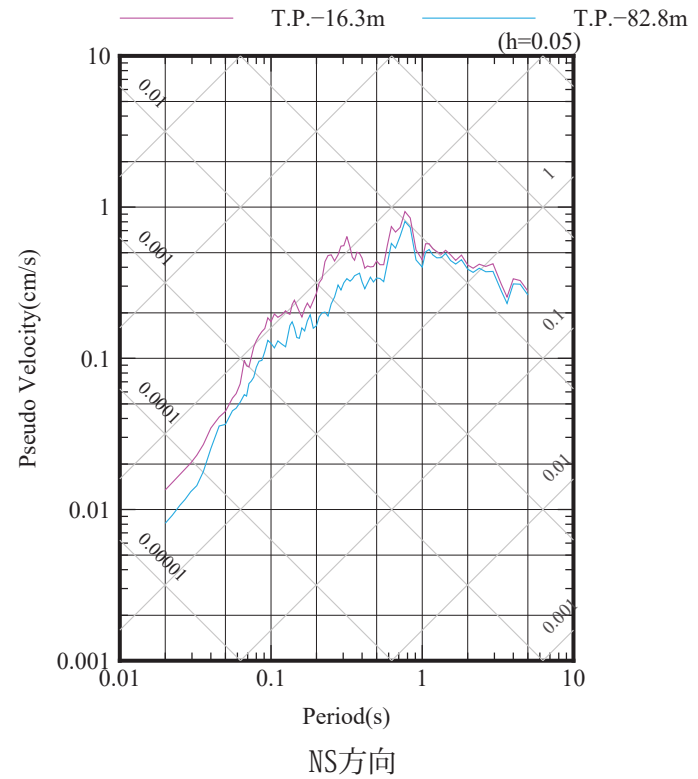
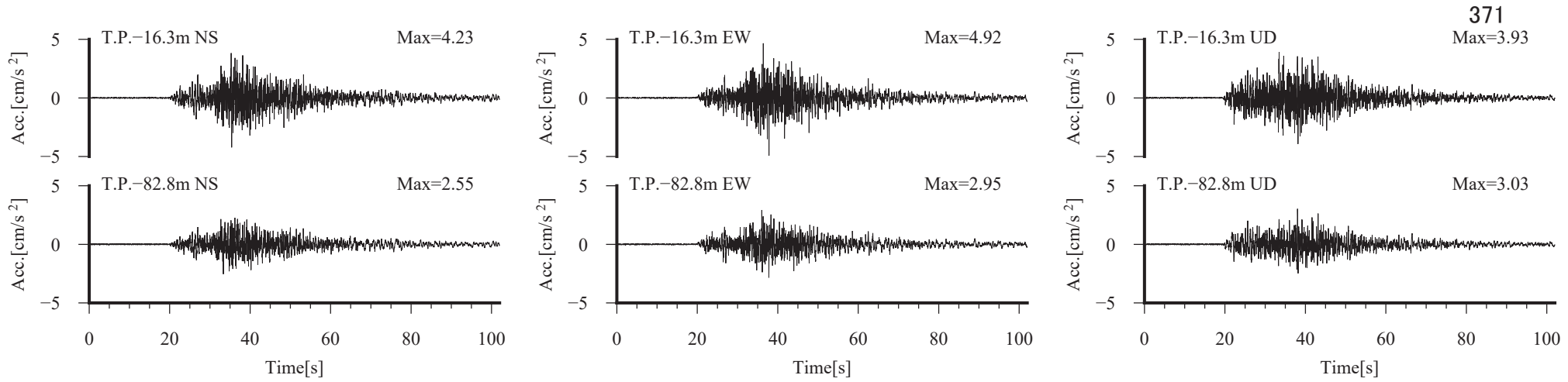
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2017/9/27 (5:22) M6.1, 深さ=35km, 震央距離=136km, 震源距離=141km



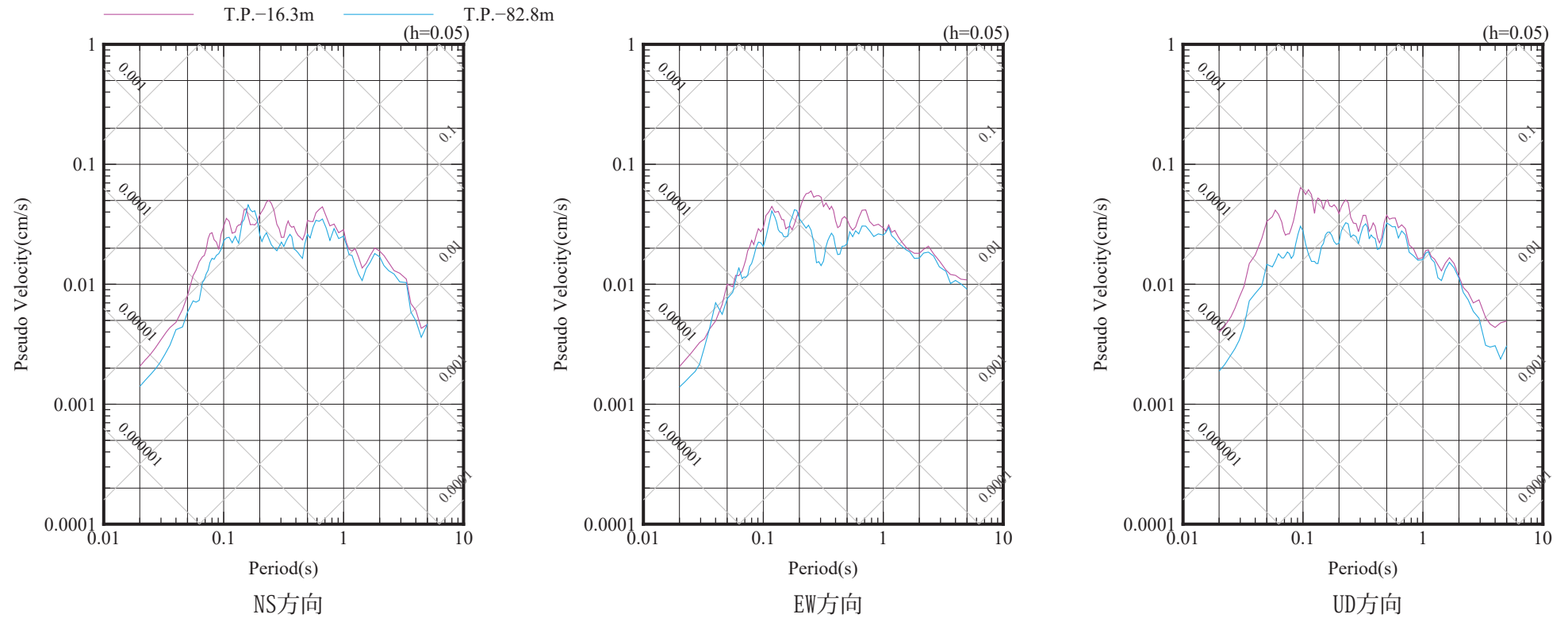
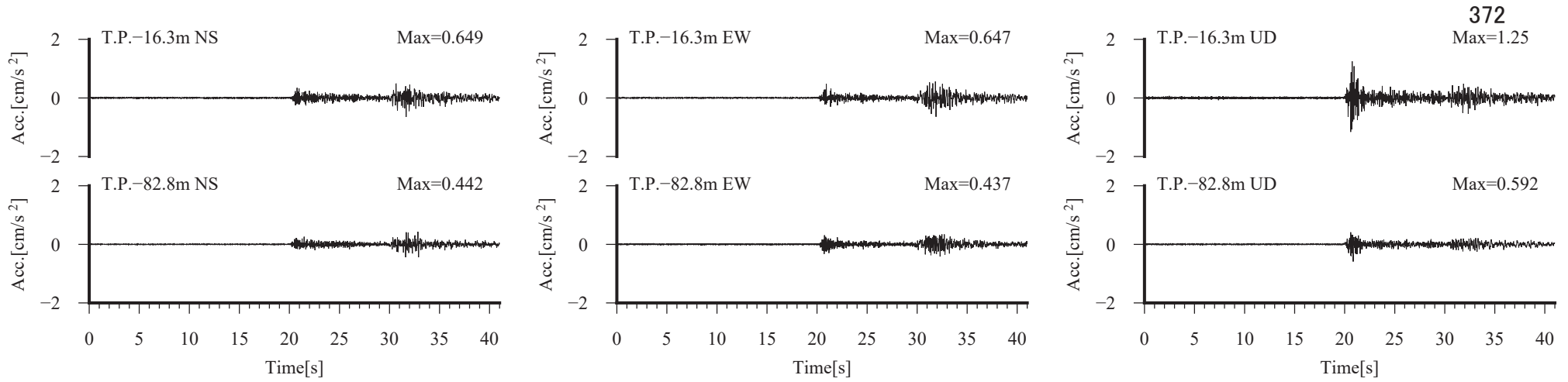
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2017/12/2 (5:48) M4.9, 深さ=67km, 震央距離=132km, 震源距離=148km



原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2017/12/16 (2:58) M5.5, 深さ=52km, 震央距離=177km, 震源距離=185km

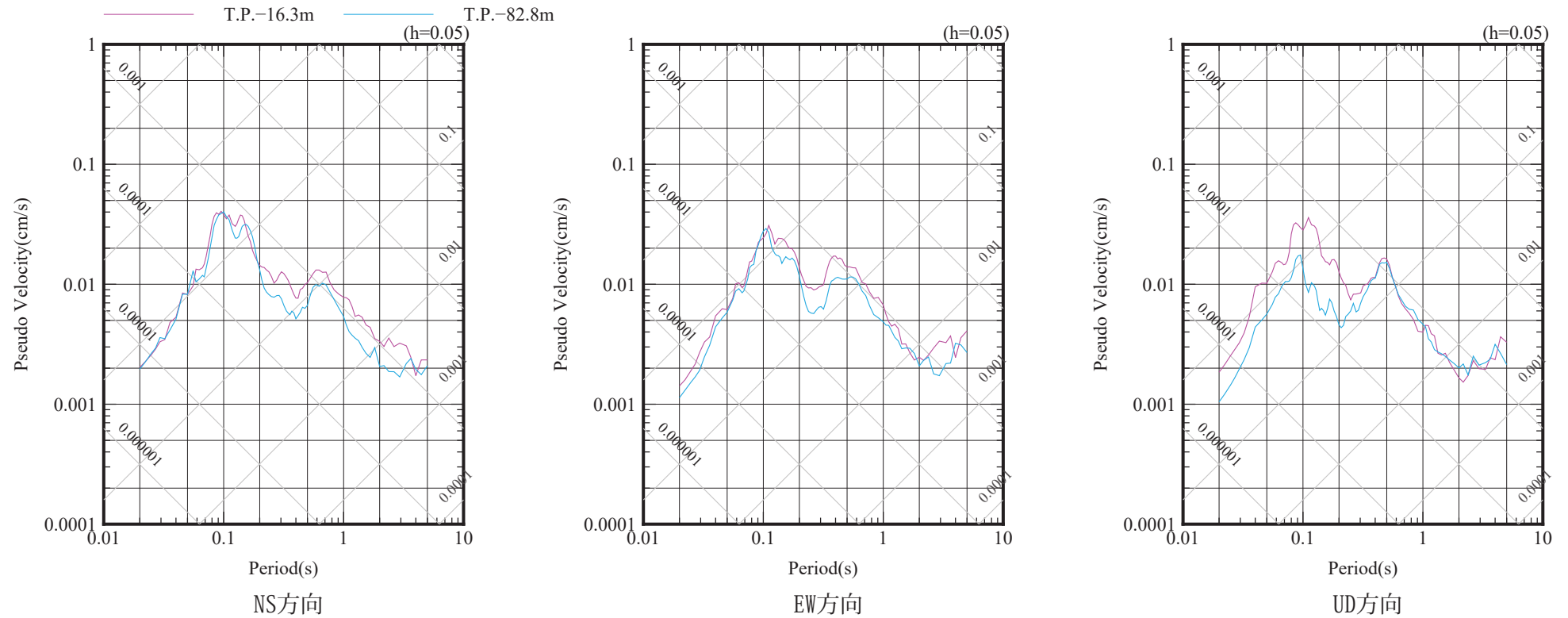
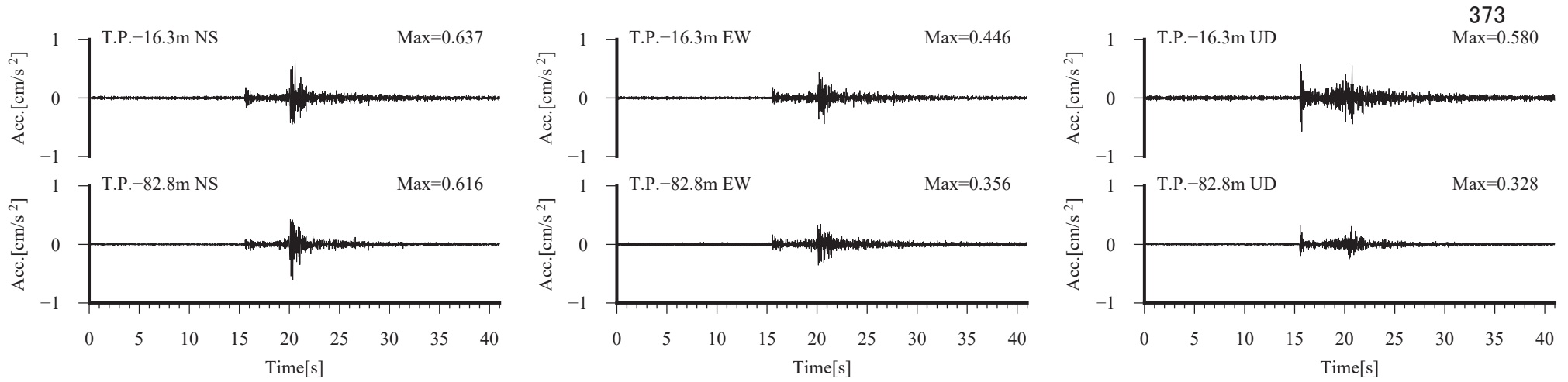


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2018/1/24 (19:51) M6.3, 深さ=34km, 震央距離=91km, 震源距離=97km

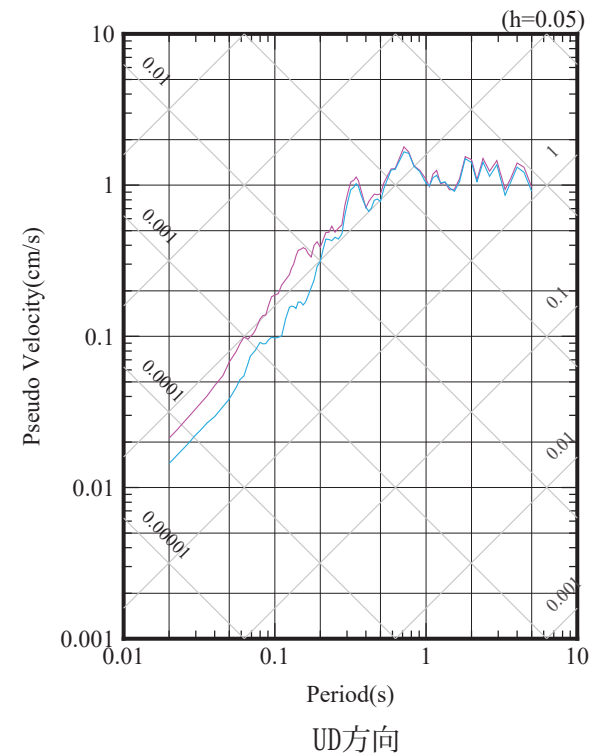
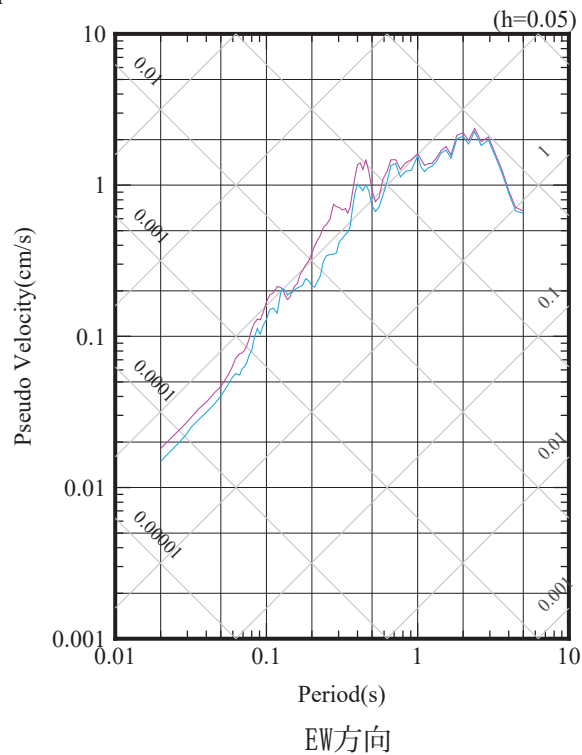
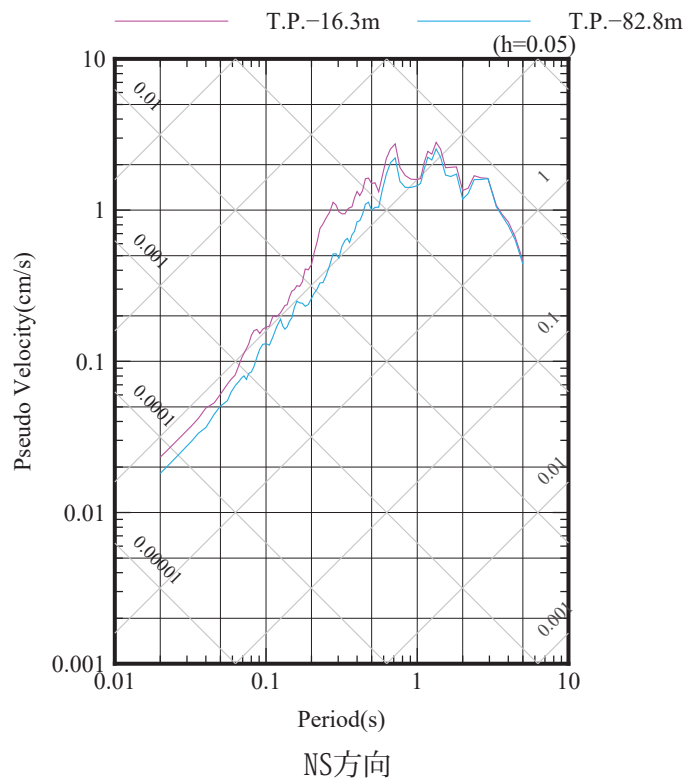
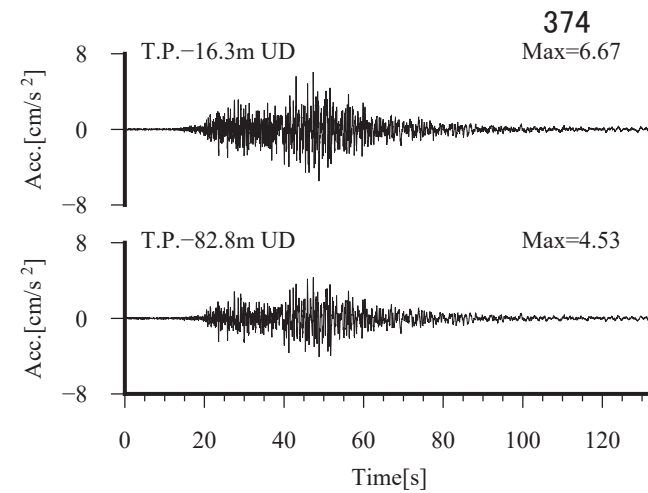
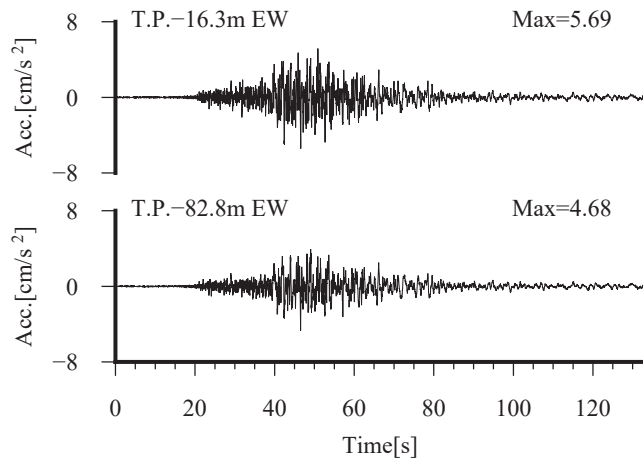
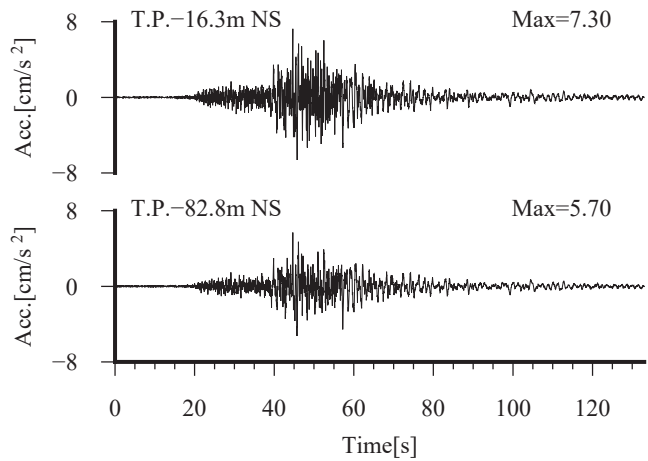


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2018/3/9 (18:15) M4.4, 深さ=93km, 震央距離=11km, 震源距離=94km

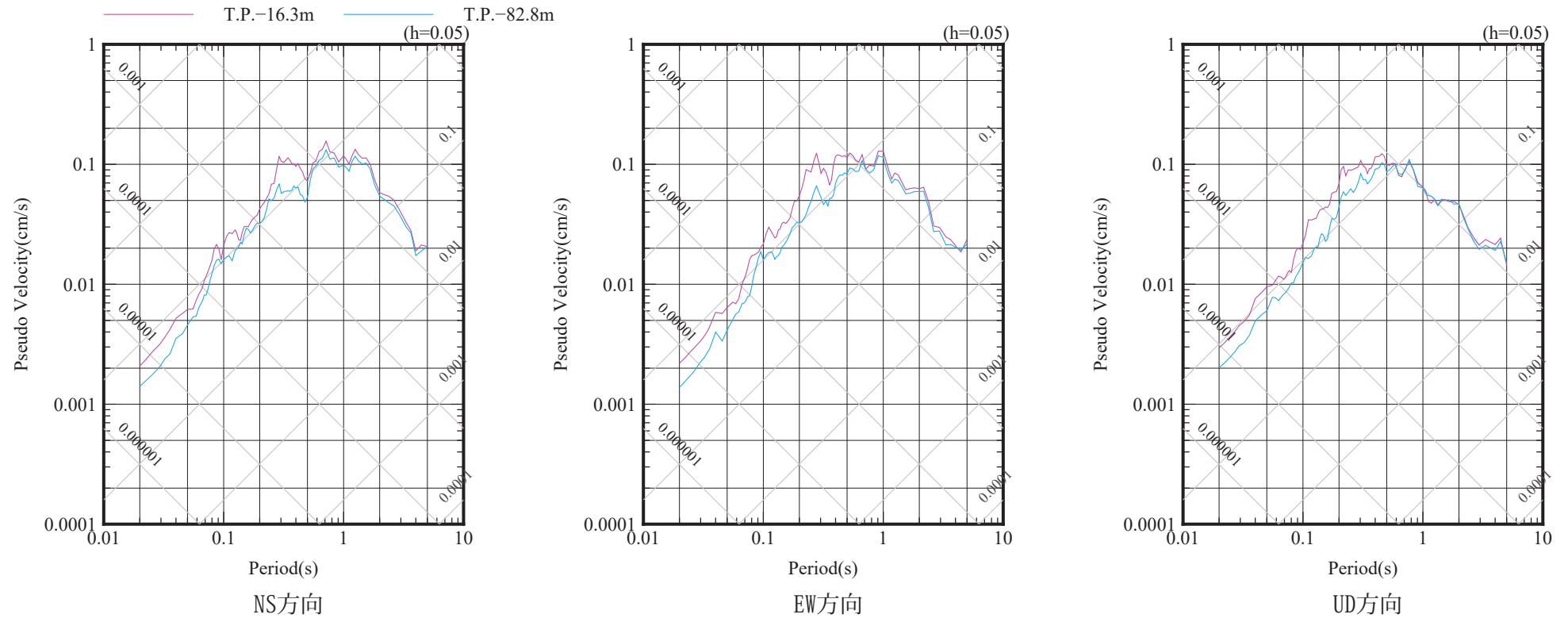
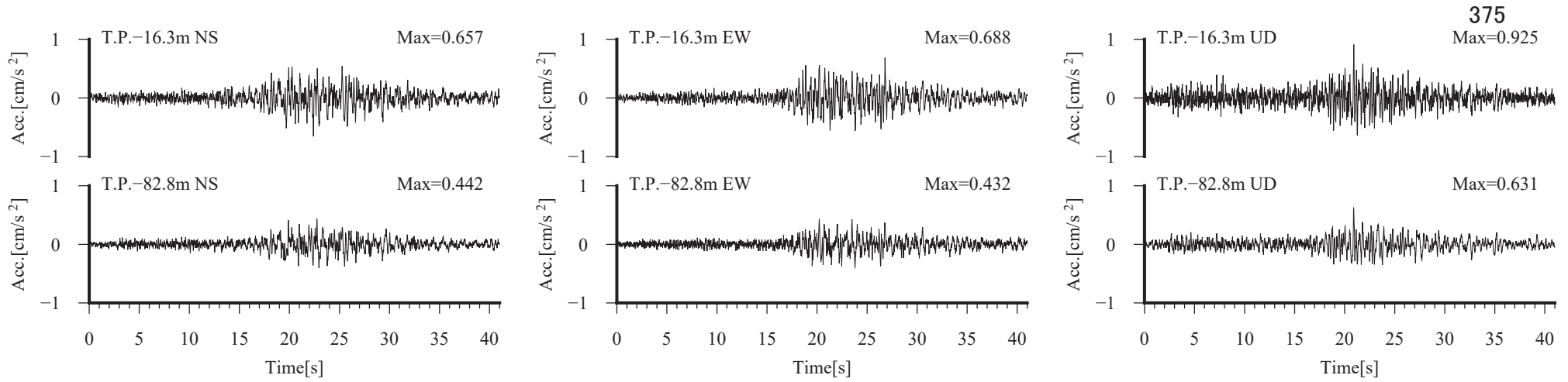




原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2018/4/29 (21:31) M3.3, 深さ=7km, 震央距離=36km, 震源距離=36km

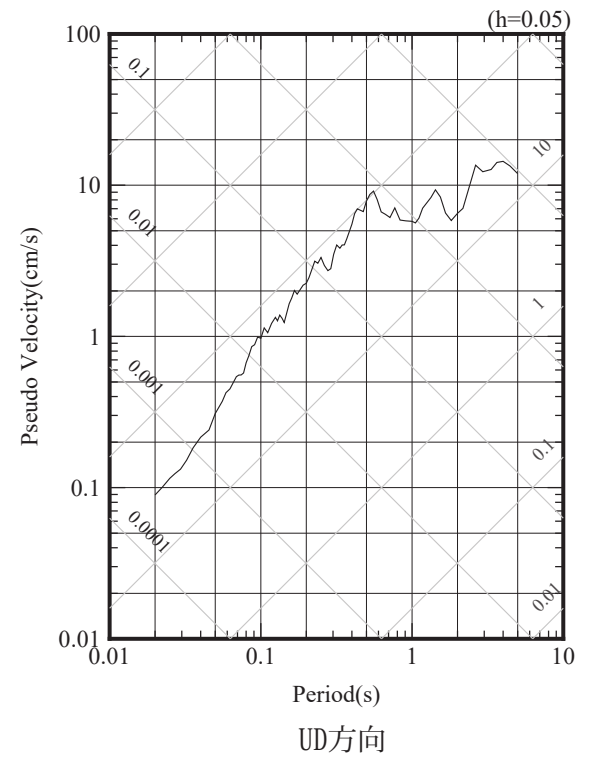
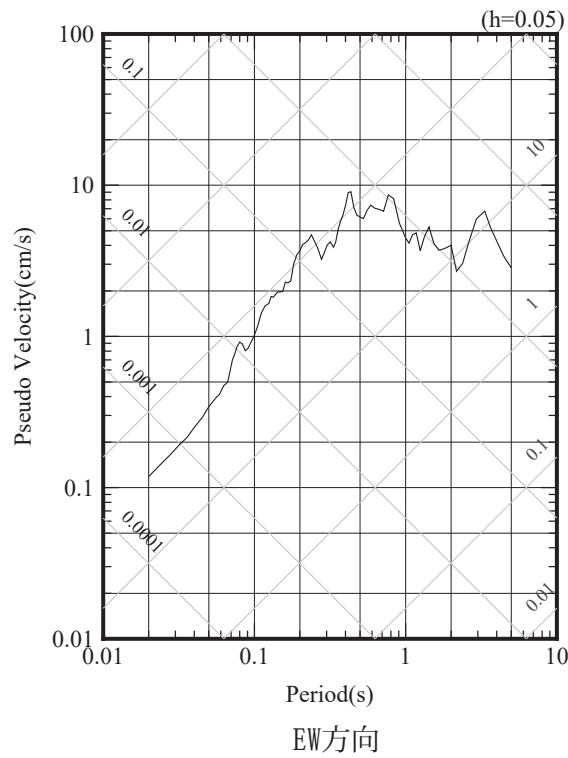
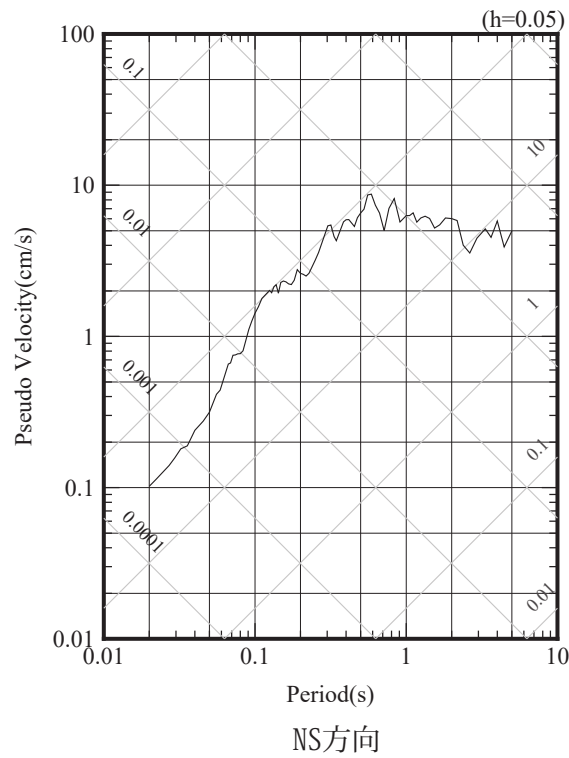
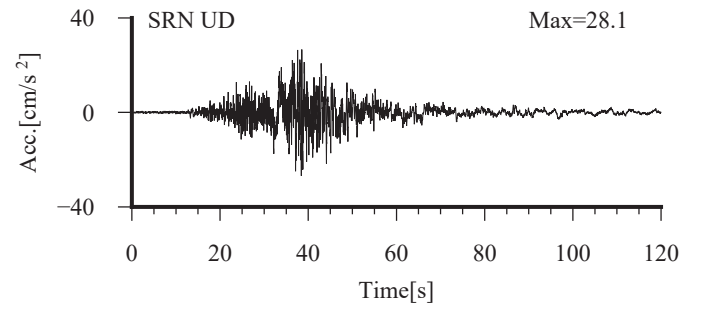
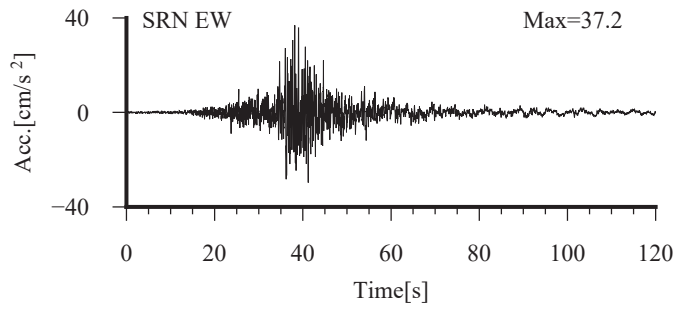
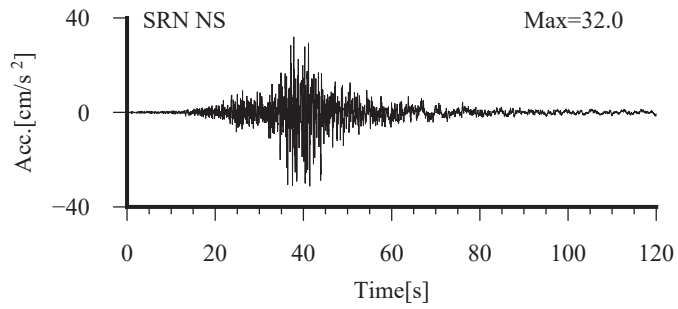


原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2018/9/6 (3:7) M6.7, 深さ=37km, 震央距離=174km, 震源距離=178km



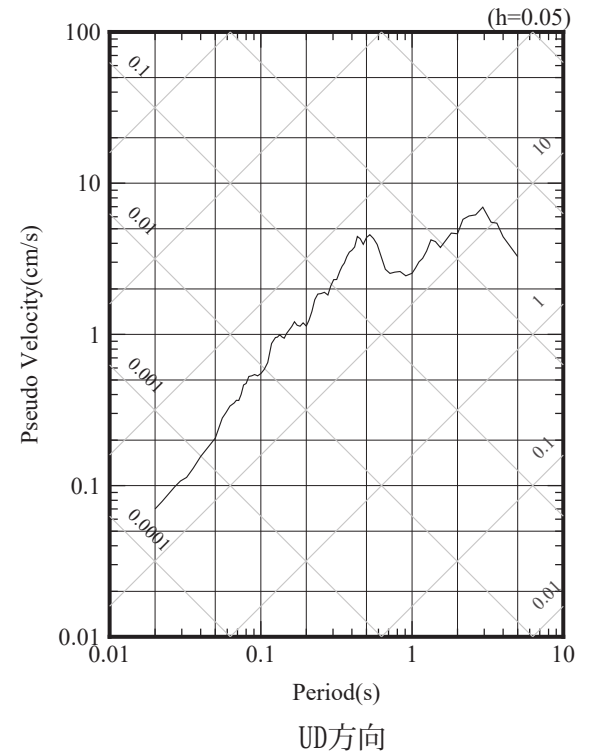
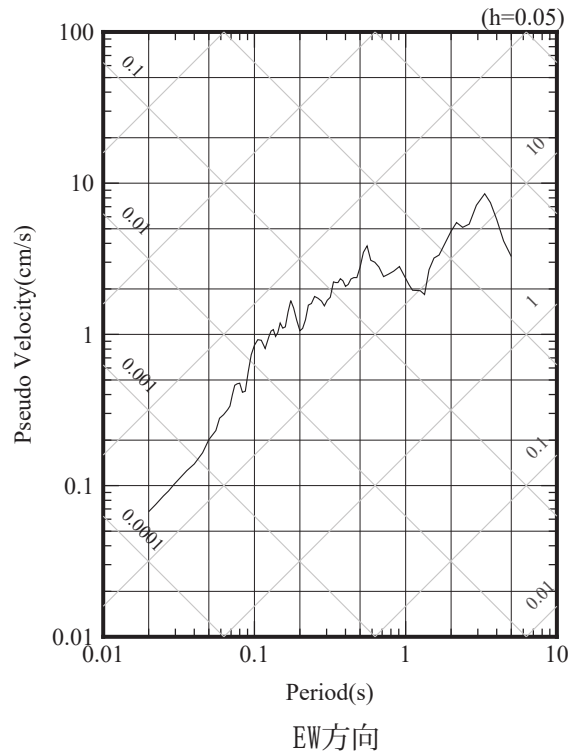
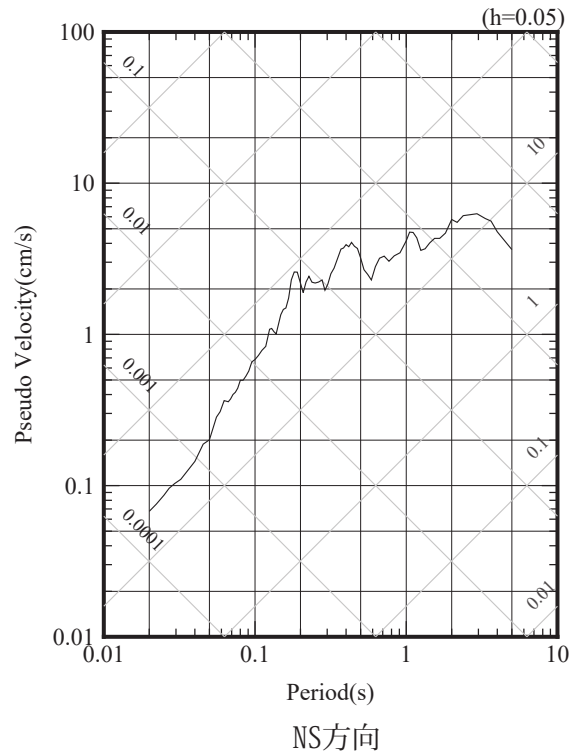
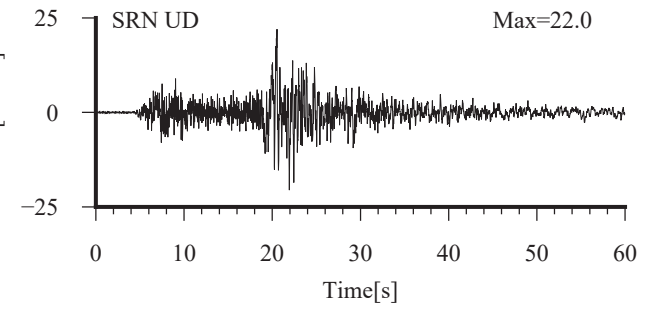
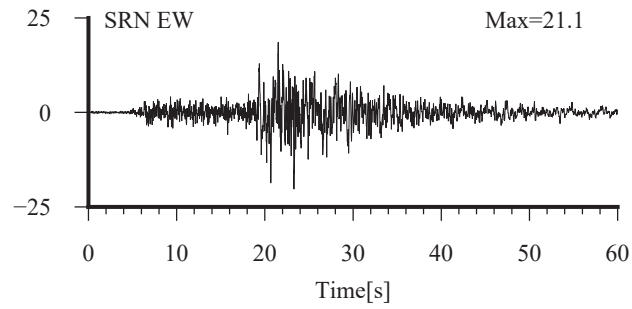
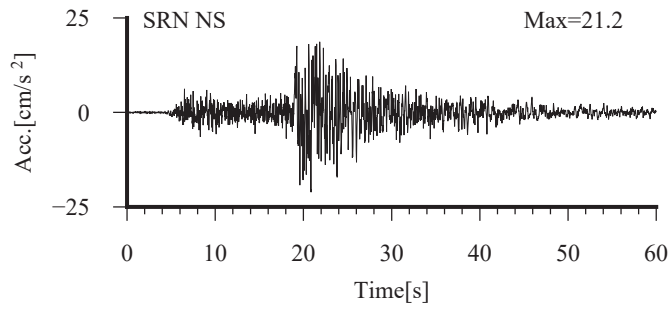
原子炉建屋直下 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル  
 2018/9/6 (3:20) M5.5, 深さ=36km, 震央距離=160km, 震源距離=164km





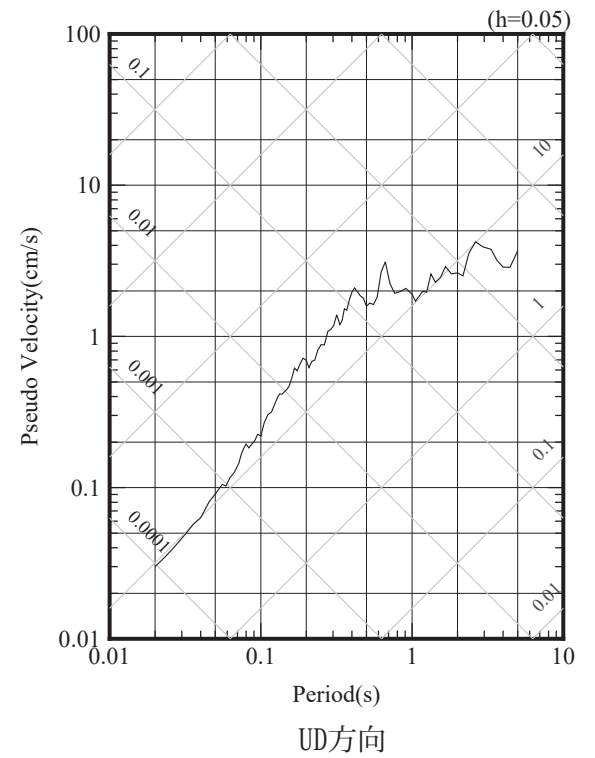
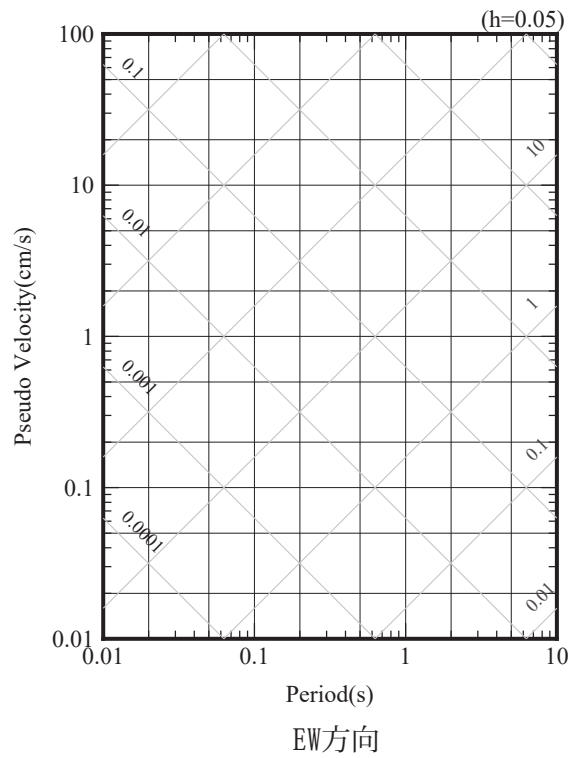
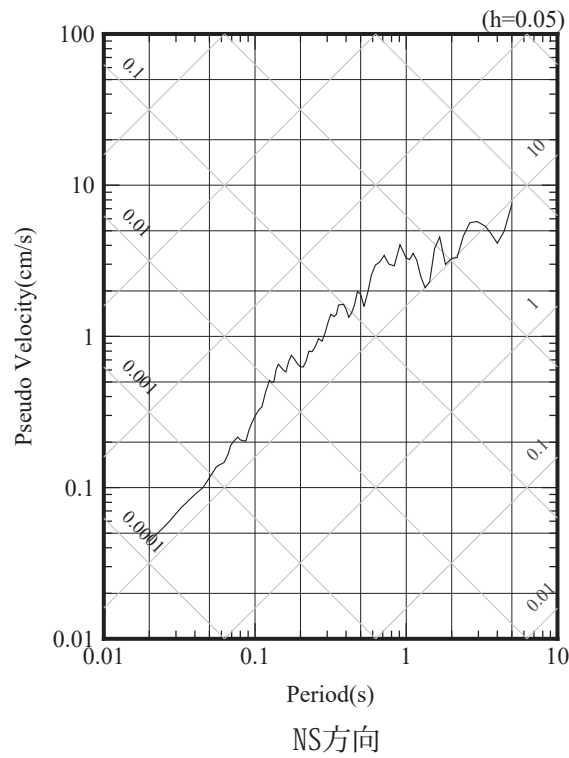
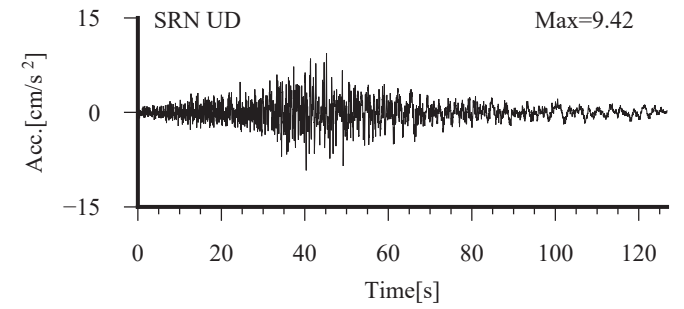
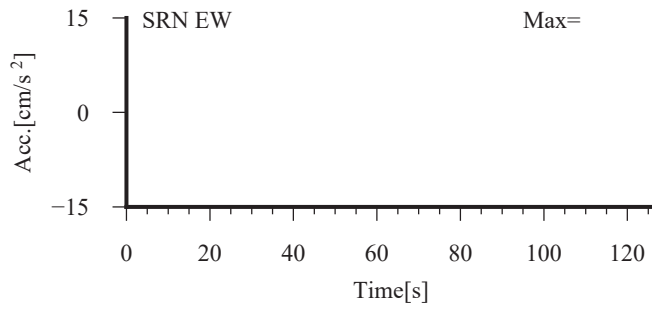
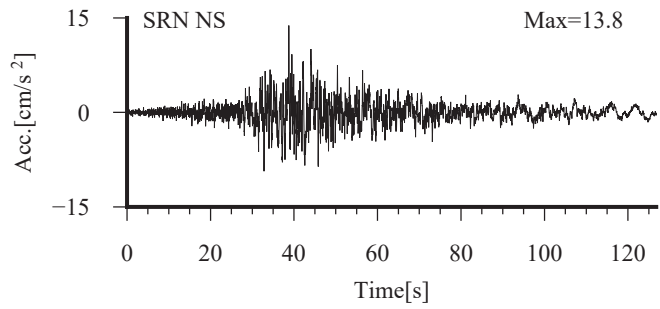
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

1994/12/28 (21:19) M7.6, 深さ=0km, 震央距離=215km, 震源距離=215km



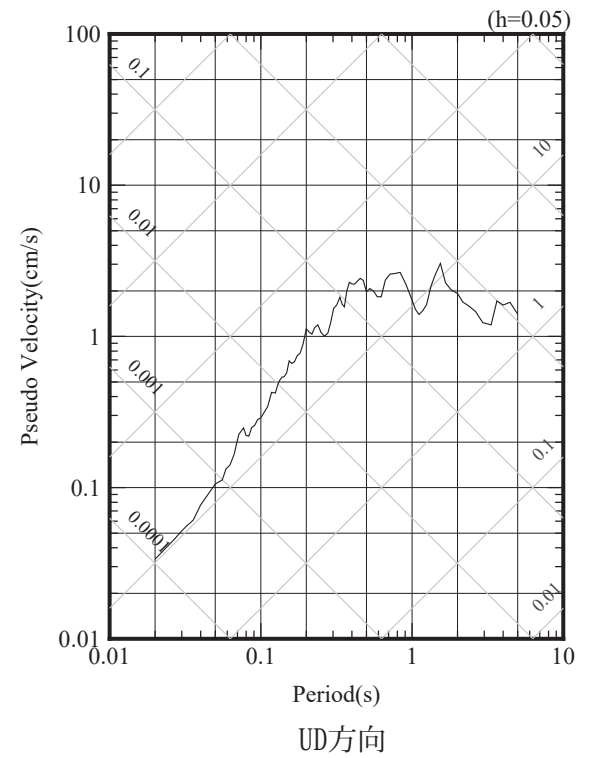
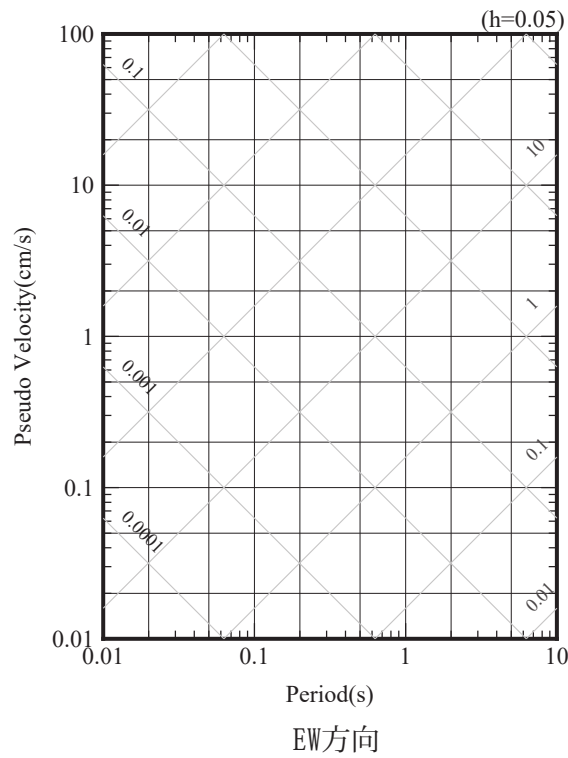
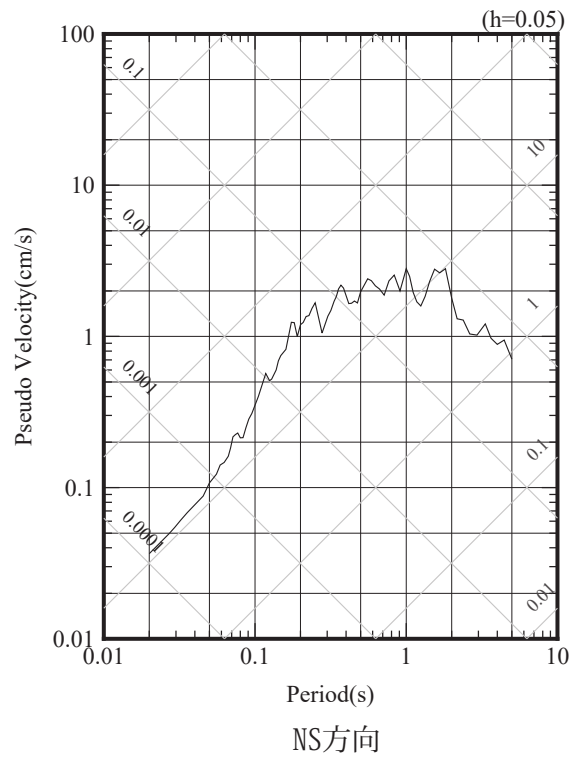
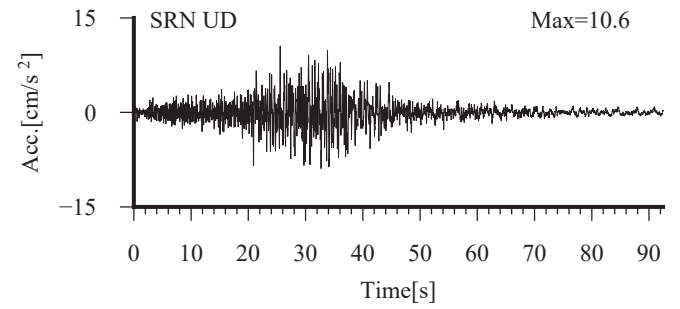
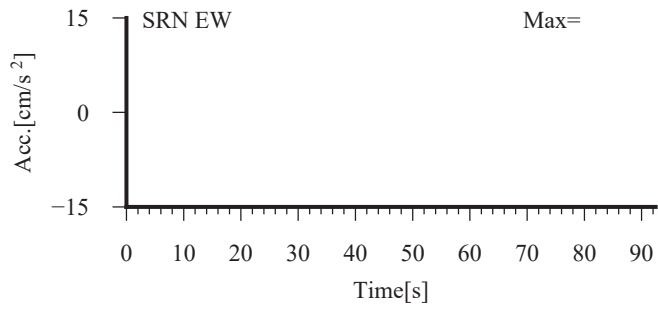
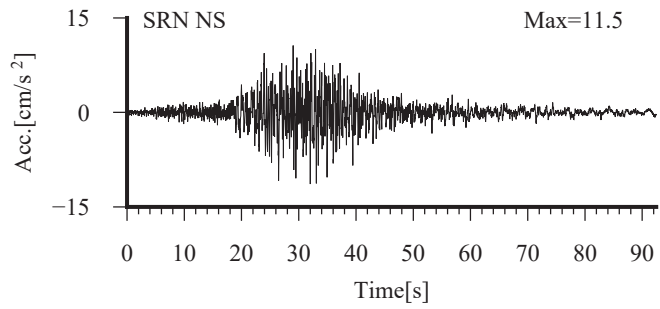
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

1995/1/7 (7:37) M7.2, 深さ=47.84km, 震央距離=129km, 震源距離=137km



電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

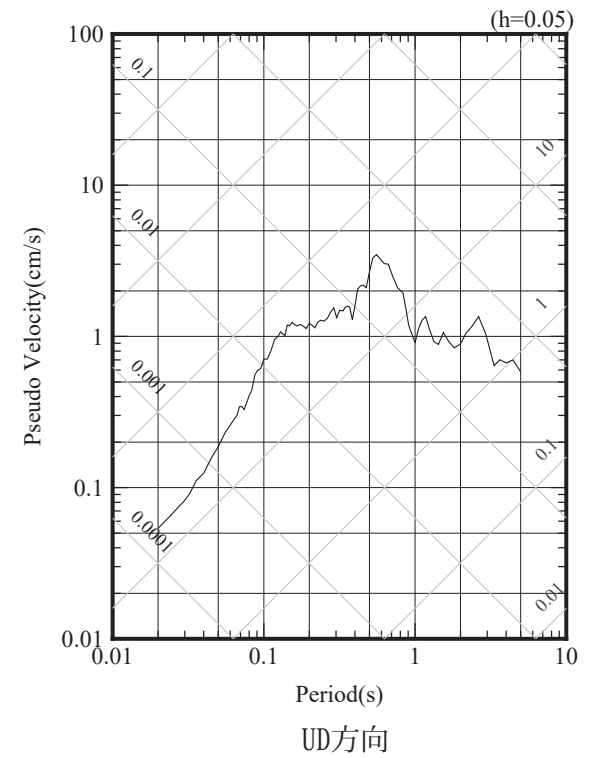
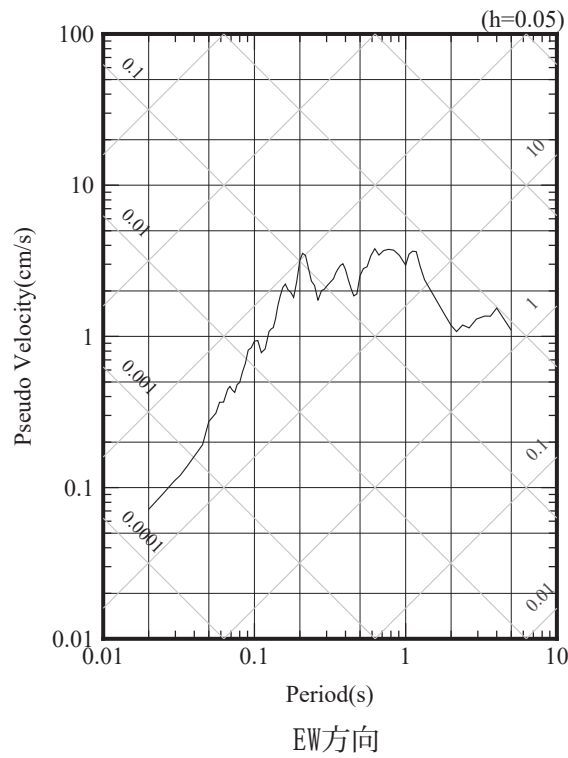
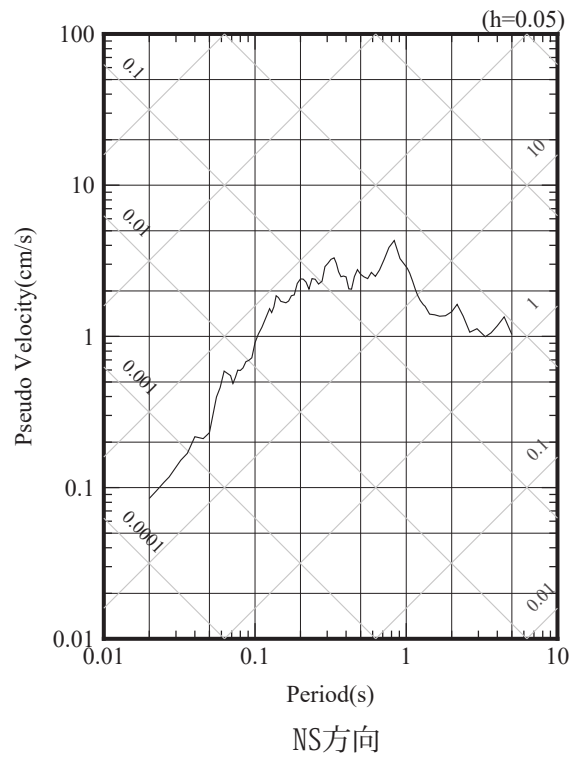
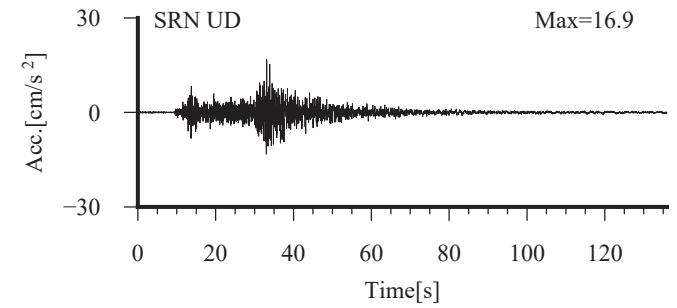
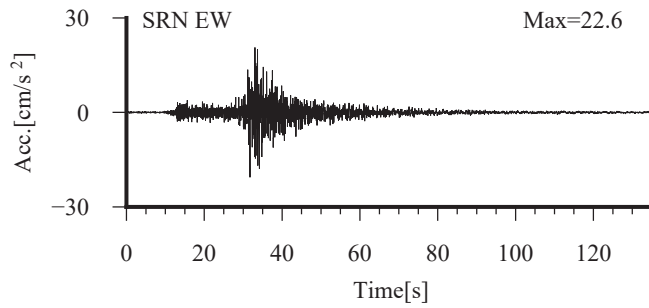
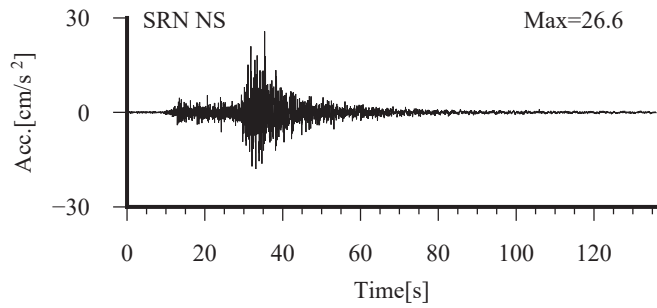
2003/9/26 (4:50) M8, 深さ=45.07km, 震央距離=236km, 震源距離=240km



電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

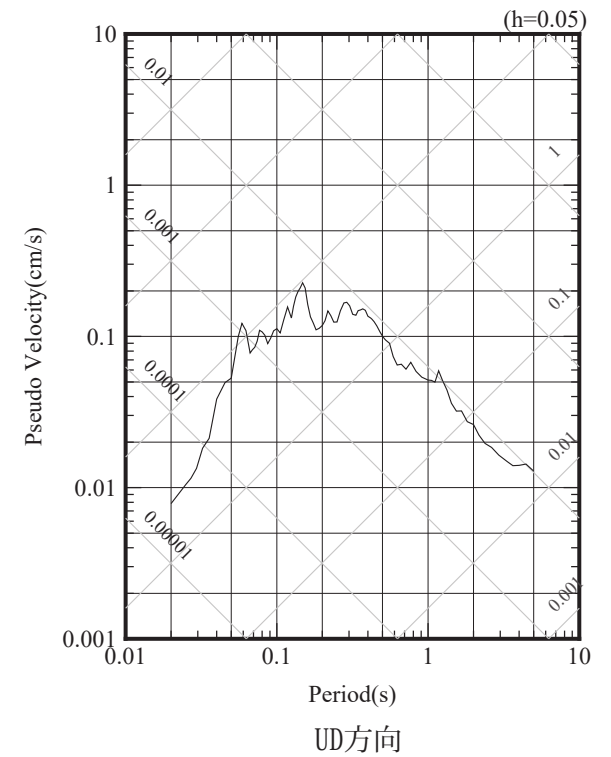
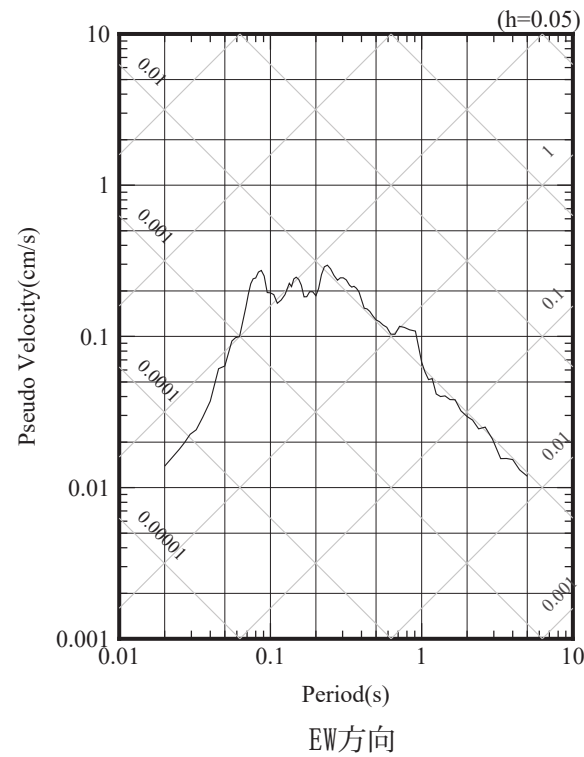
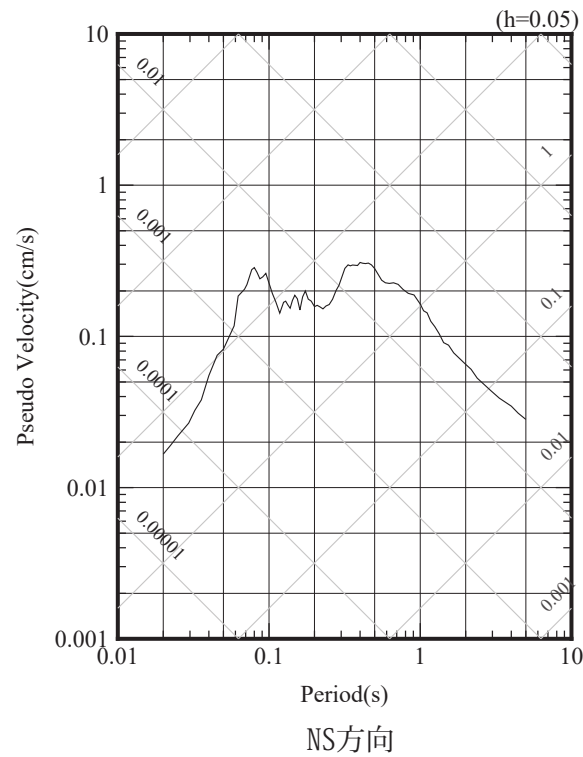
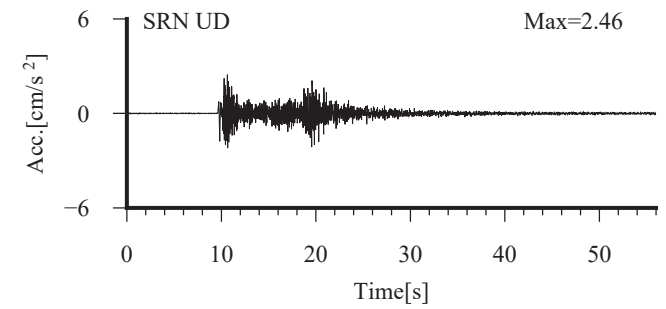
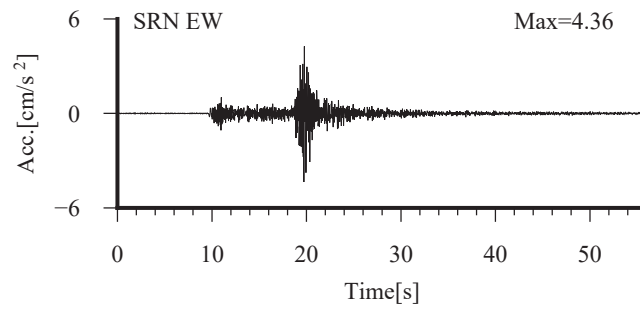
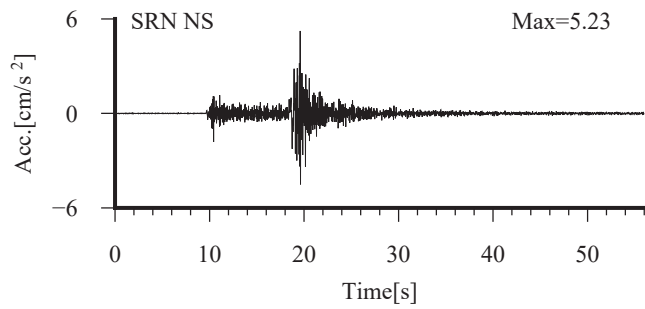
2003/9/26 (6:8) M7.1, 深さ=21.41km, 震央距離=203km, 震源距離=204km





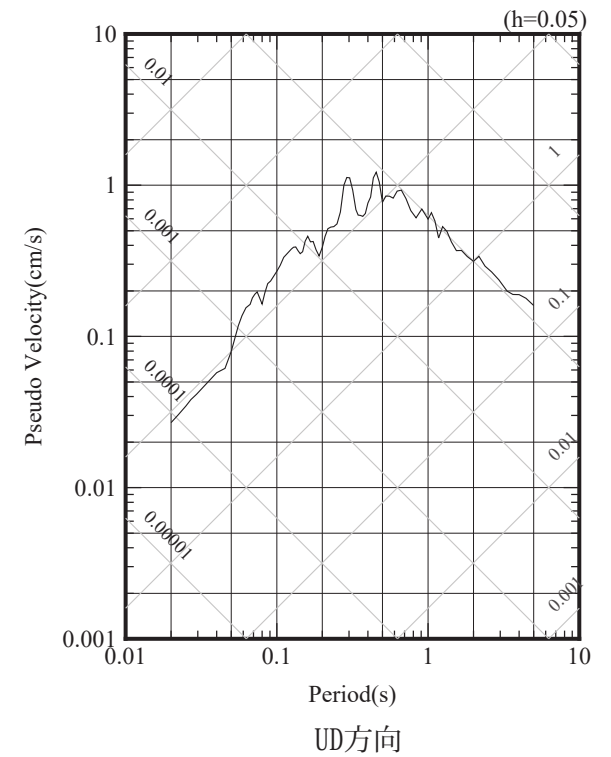
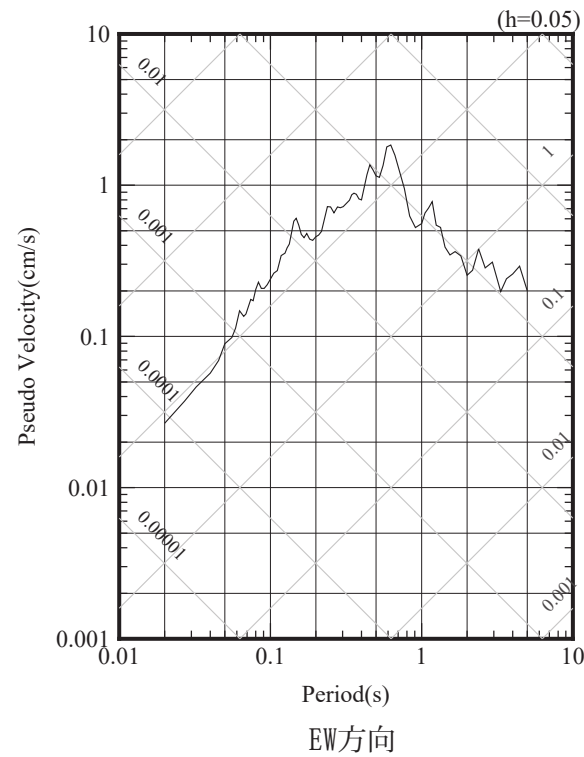
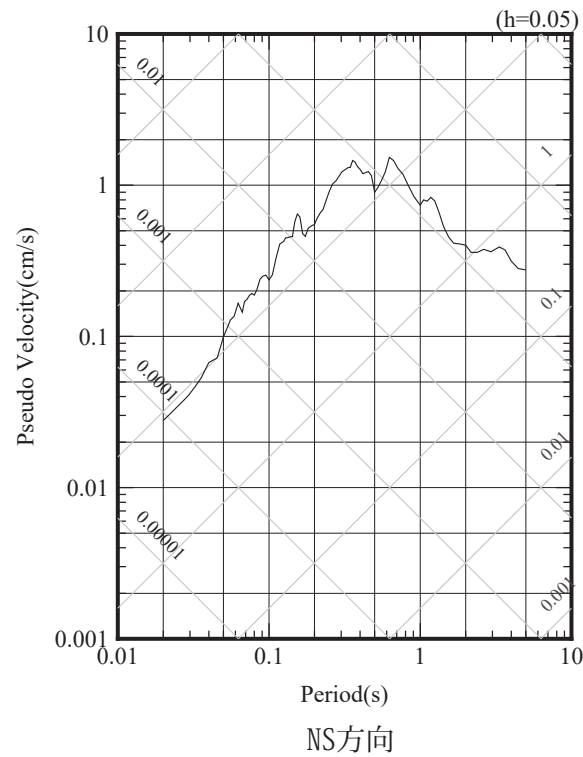
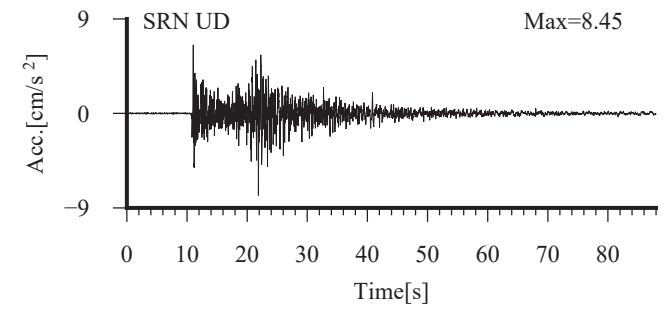
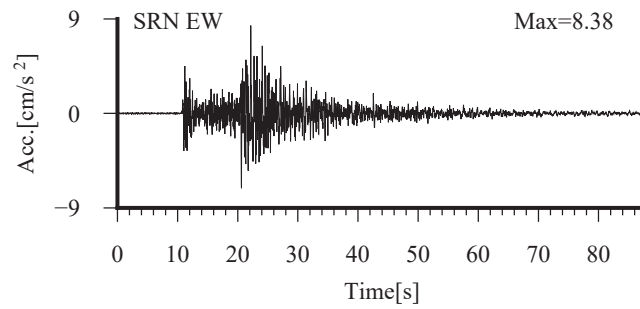
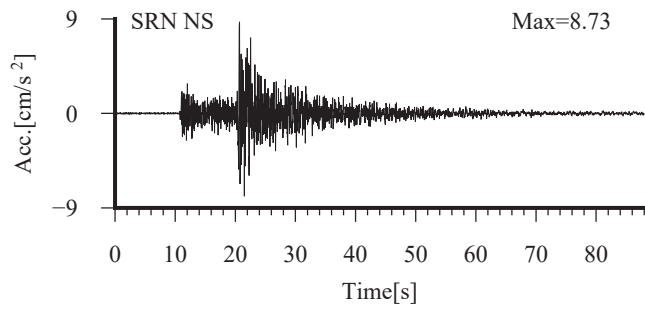
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2008/7/24 (0:26) M6.8, 深さ=108.08km, 震央距離=158km, 震源距離=192km



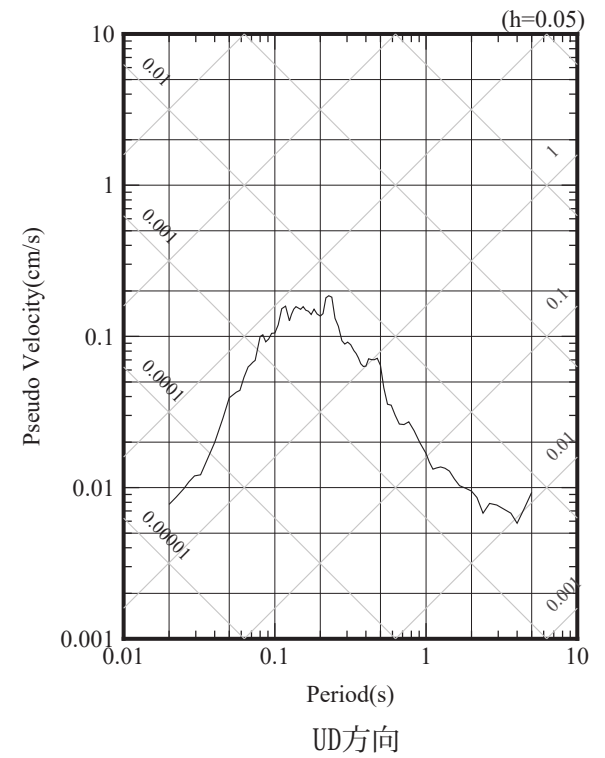
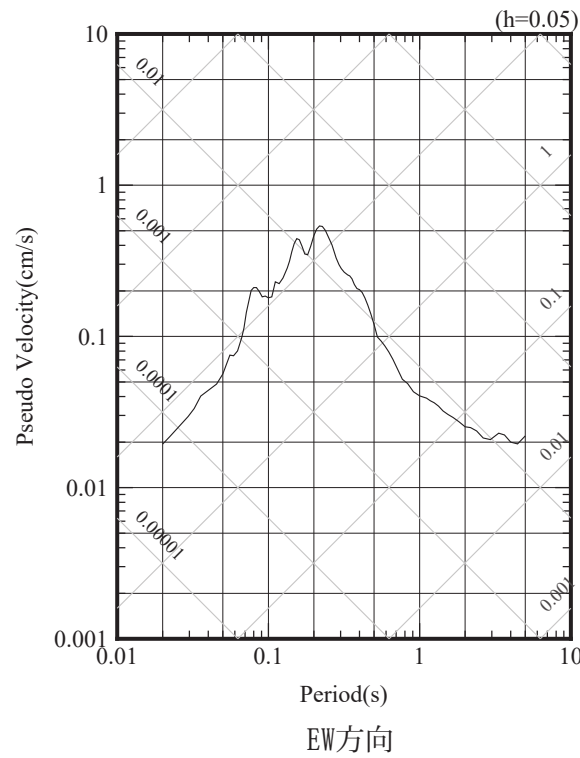
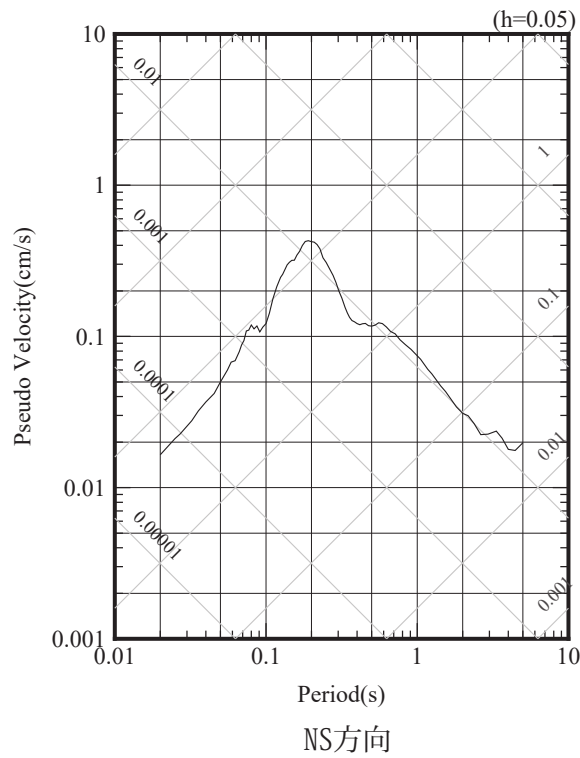
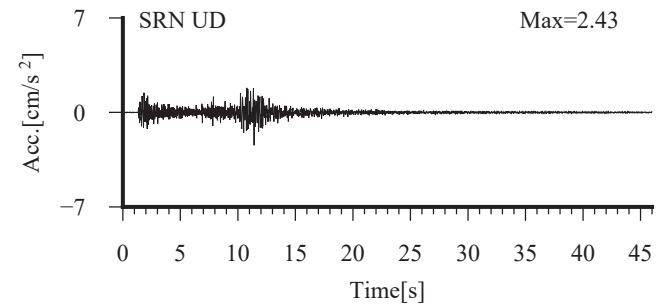
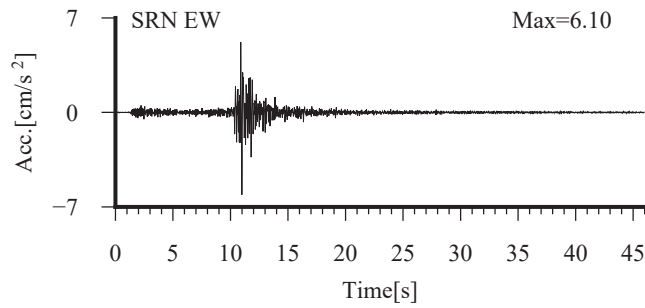
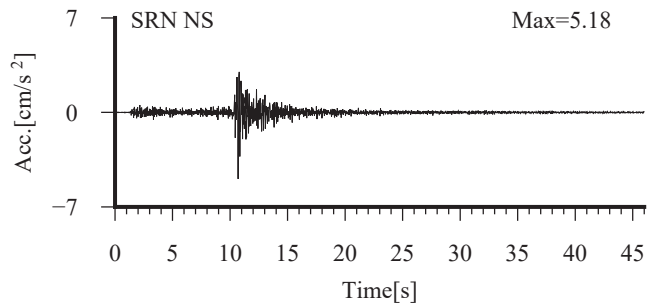
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2014/6/9 (7:50) M4.6, 深さ=82.2km, 震央距離=28km, 震源距離=87km



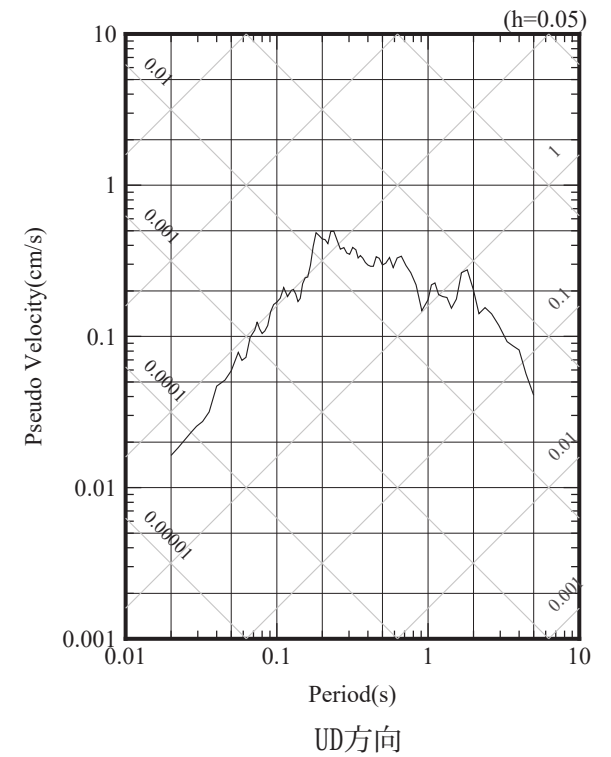
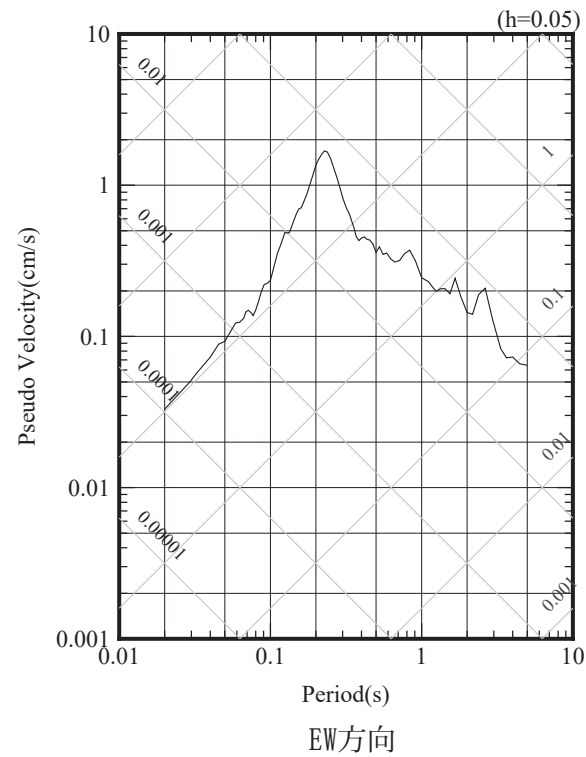
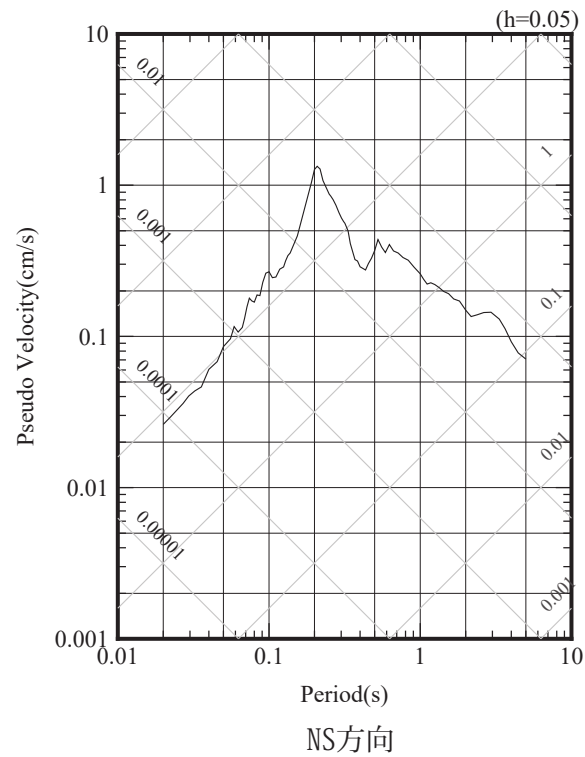
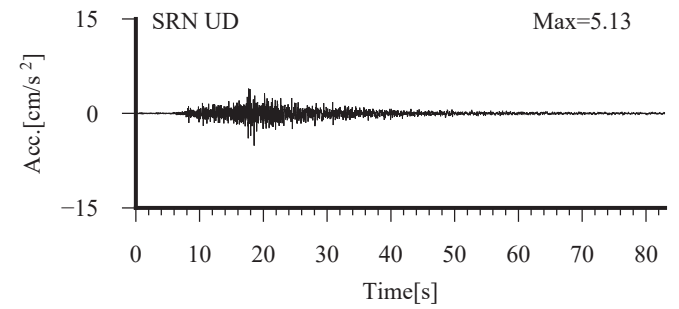
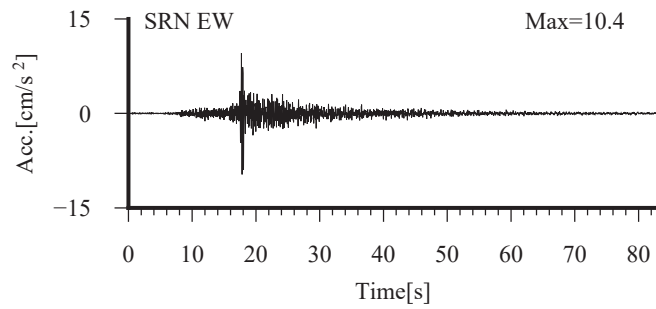
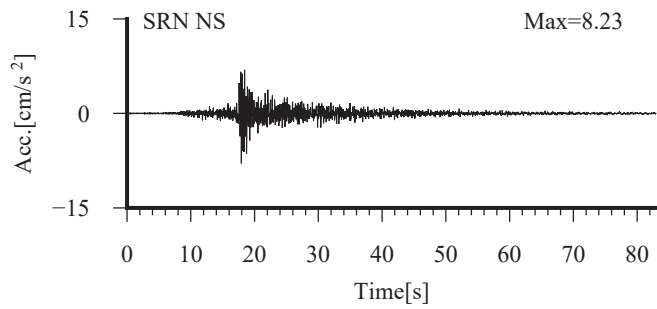
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2014/8/10 (12:43) M6.1, 深さ=50.56km, 震央距離=75km, 震源距離=91km



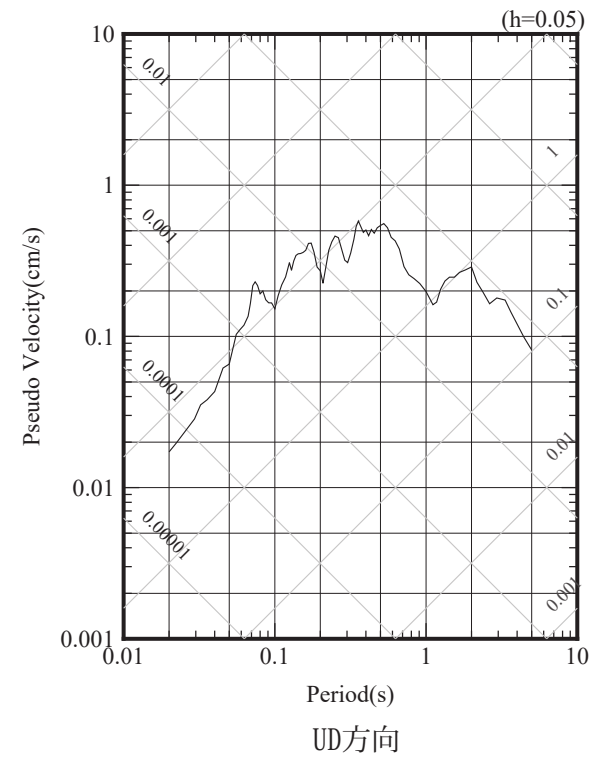
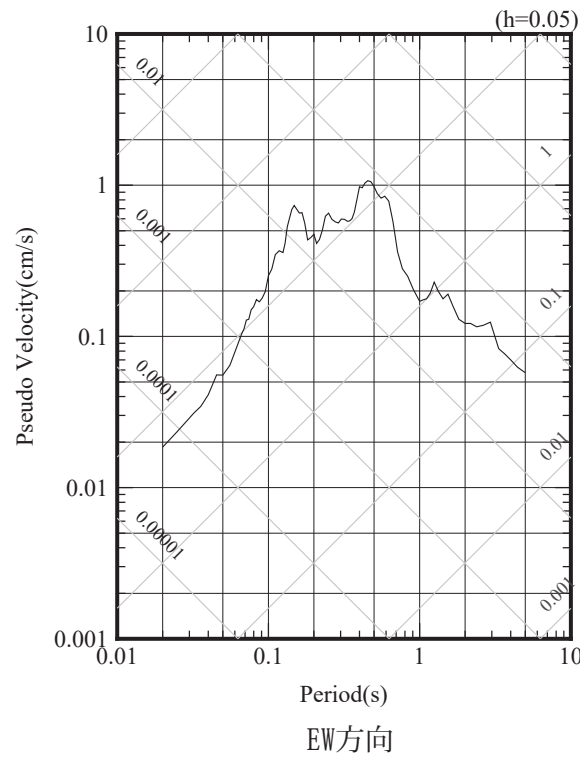
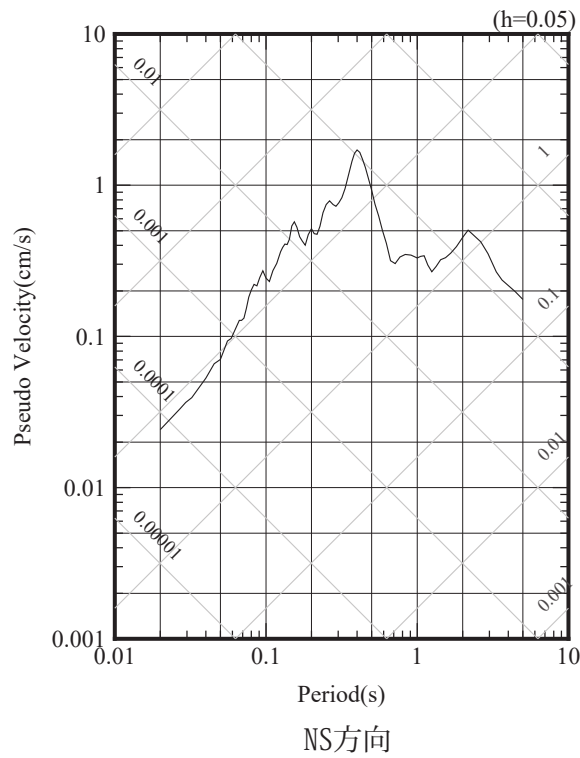
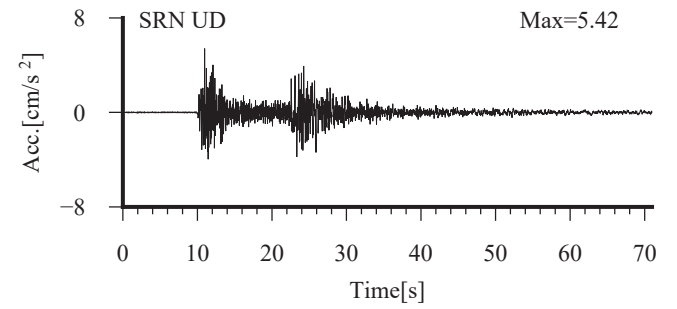
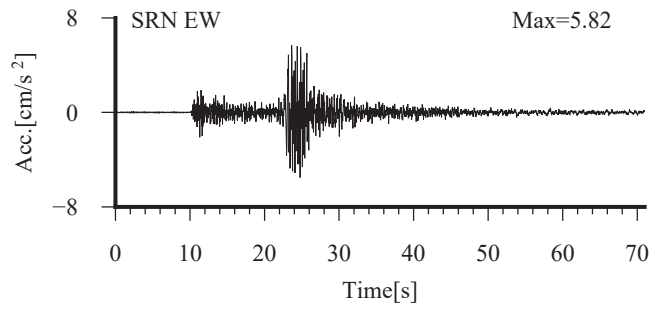
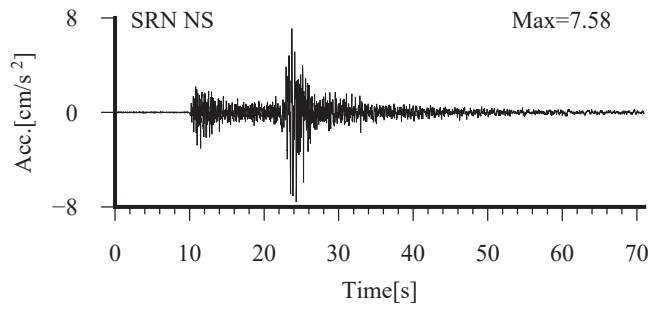
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2014/10/14 (6:24) M4.4, 深さ=80.93km, 震央距離=34km, 震源距離=88km



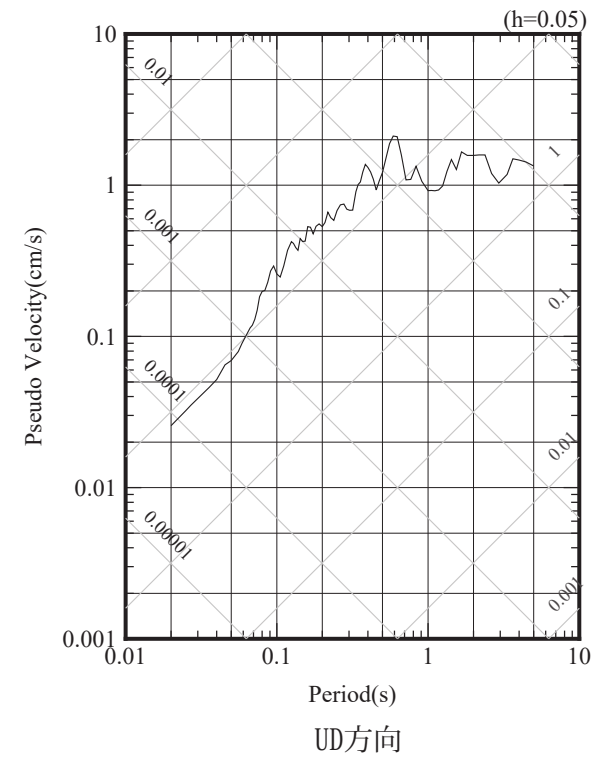
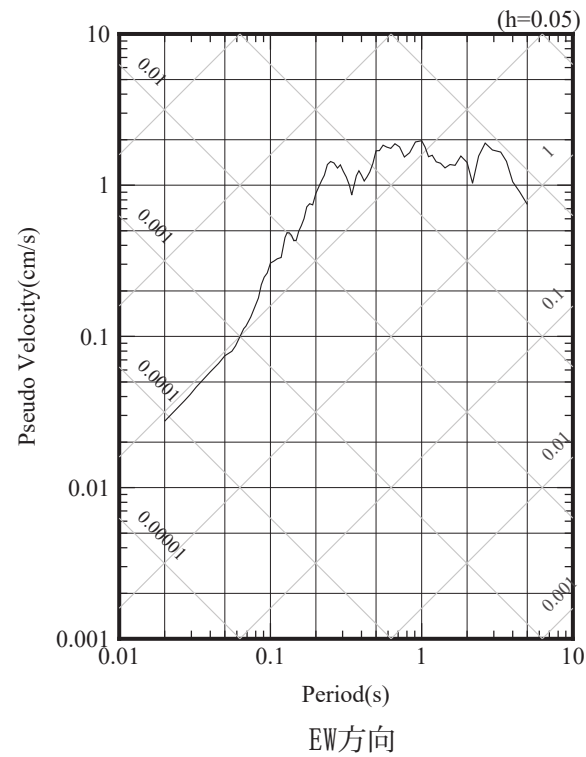
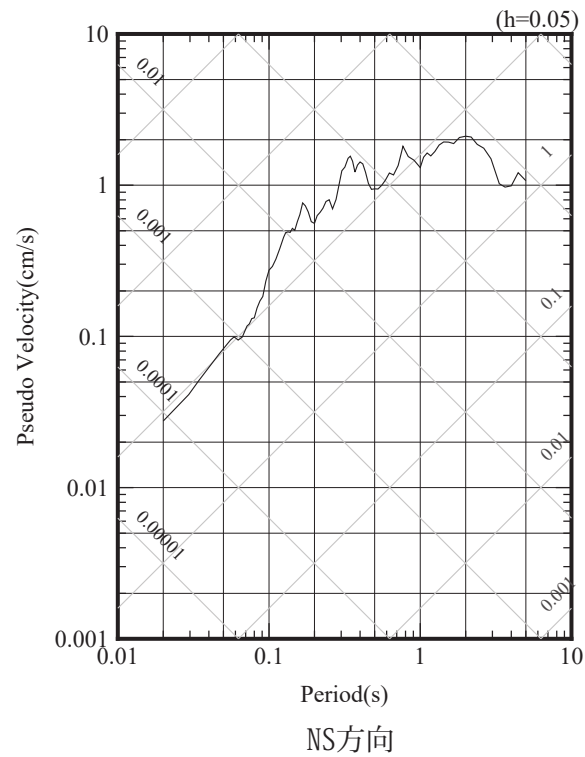
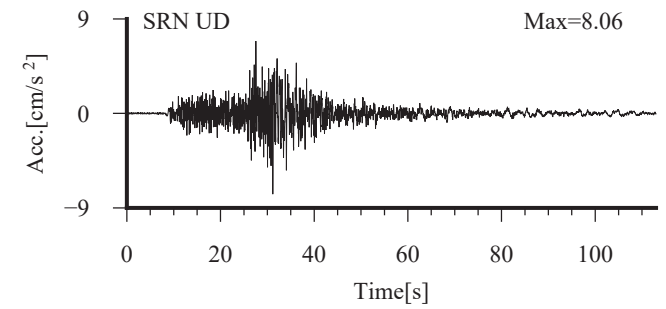
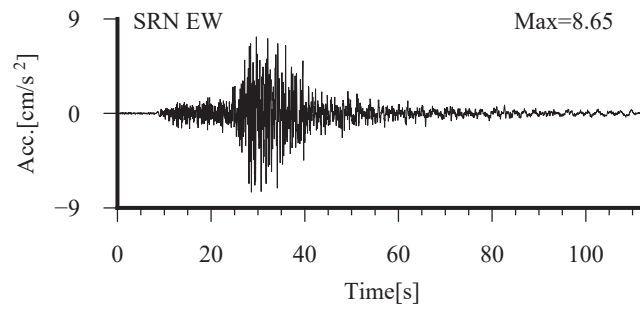
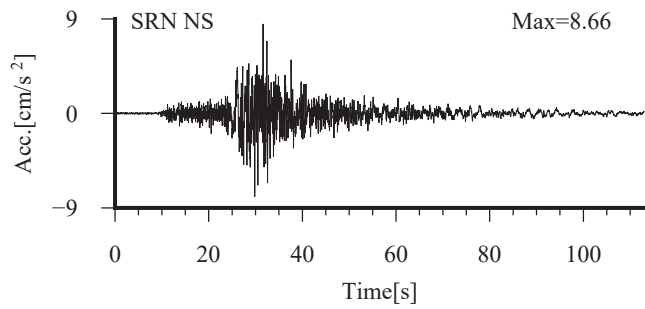
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2015/6/8 (15:1) M5.6, 深さ=66.07km, 震央距離=64km, 震源距離=92km



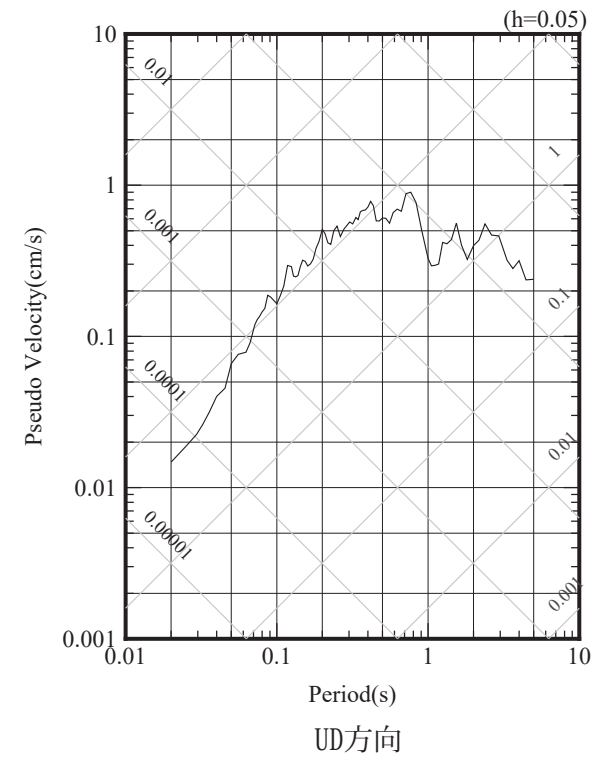
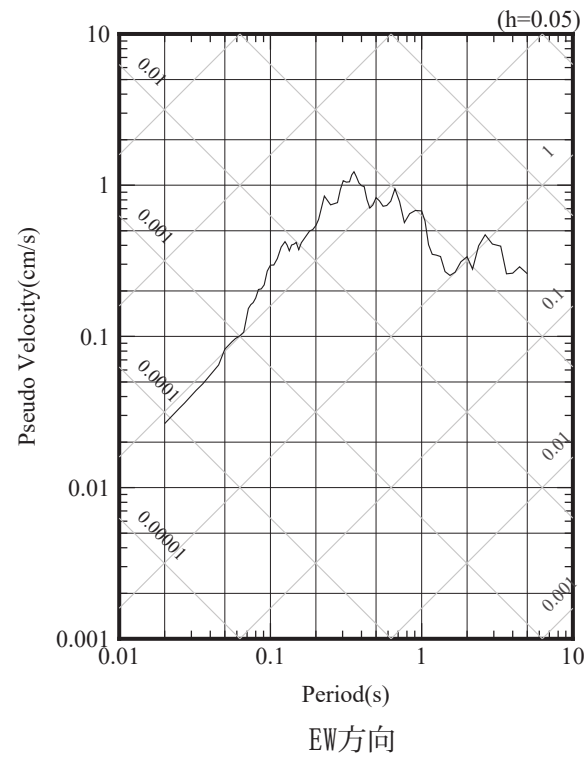
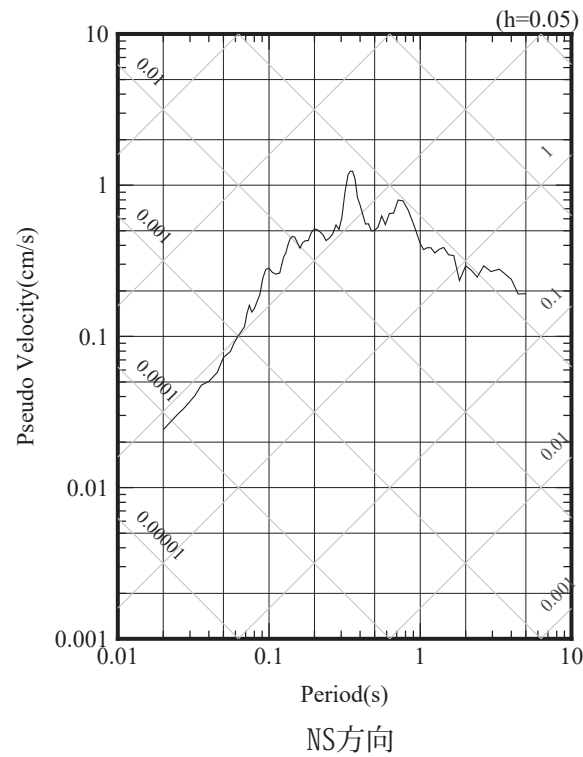
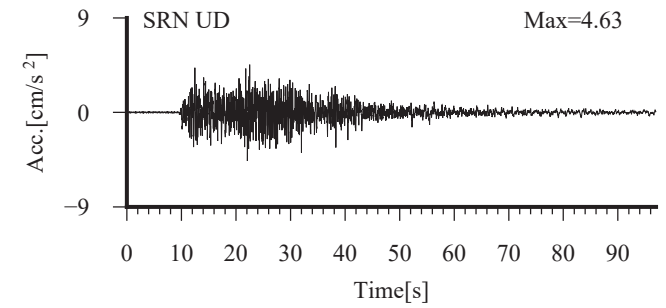
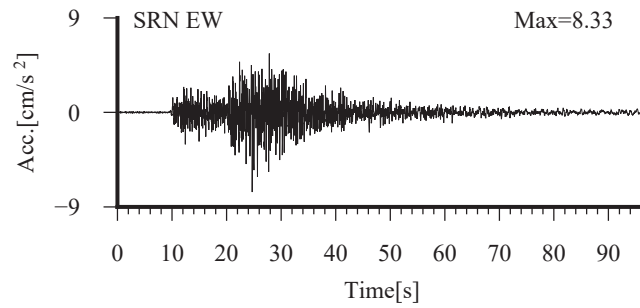
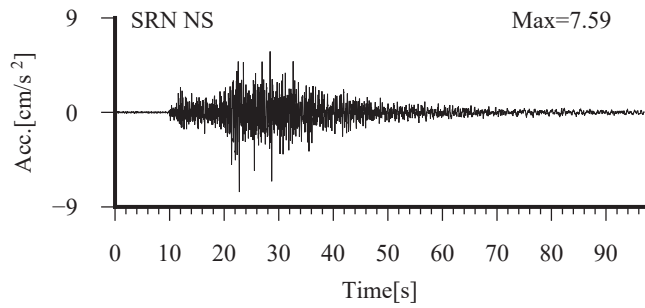
電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2015/7/10 (3:32) M5.7, 深さ=88.01km, 震央距離=89km, 震源距離=125km



電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

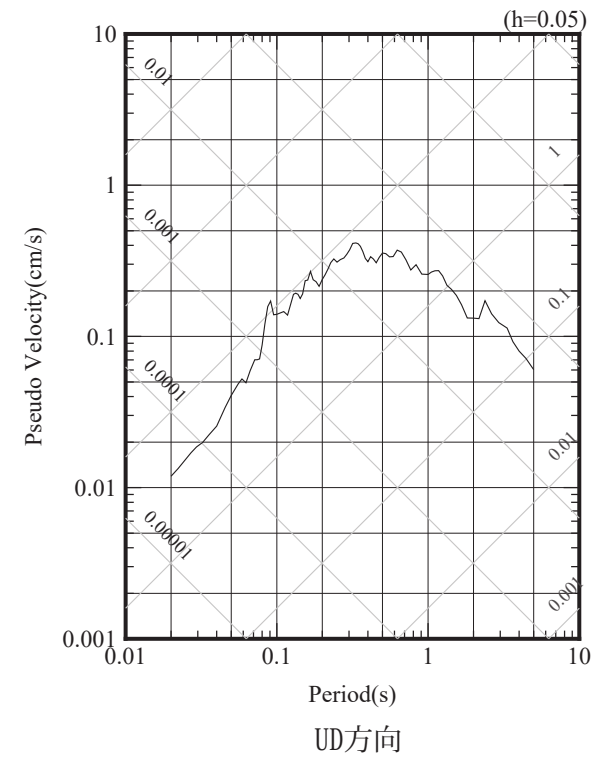
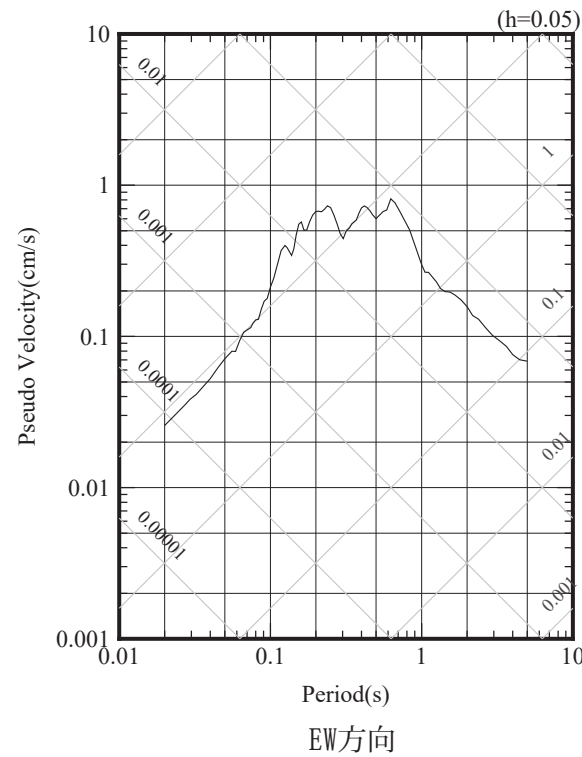
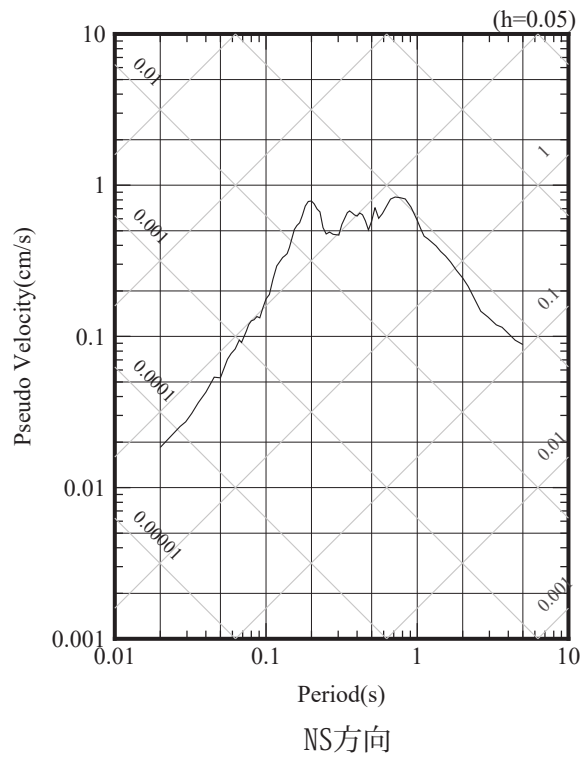
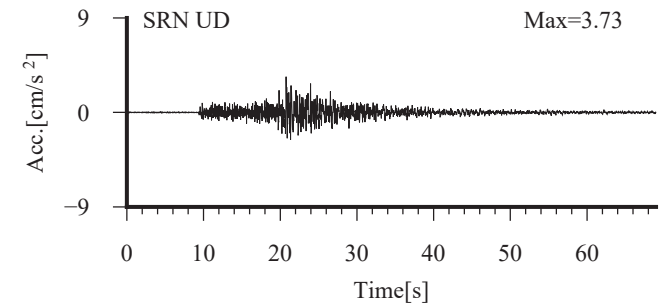
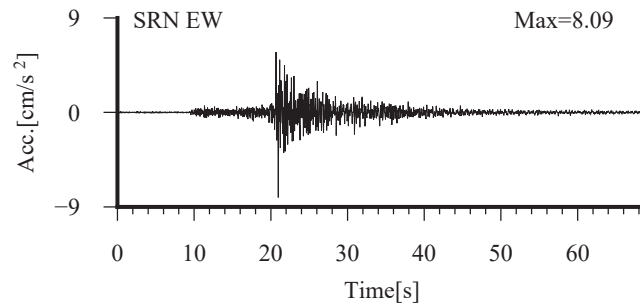
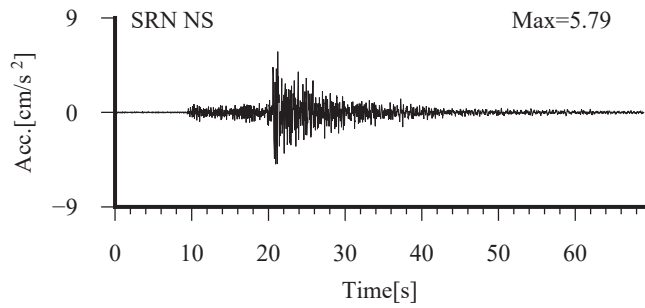
2016/1/14 (12:25) M6.7, 深さ=51.51km, 震央距離=150km, 震源距離=158km



電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2018/1/24 (19:51) M6.3, 深さ=34km, 震央距離=91km, 震源距離=97km





電力中央研究所 白糠地点 検討に用いた地震の加速度時刻歴波形および擬似速度応答スペクトル

2019/12/19 (15:21) M5.3, 深さ=50km, 震央距離=97km, 震源距離=109km