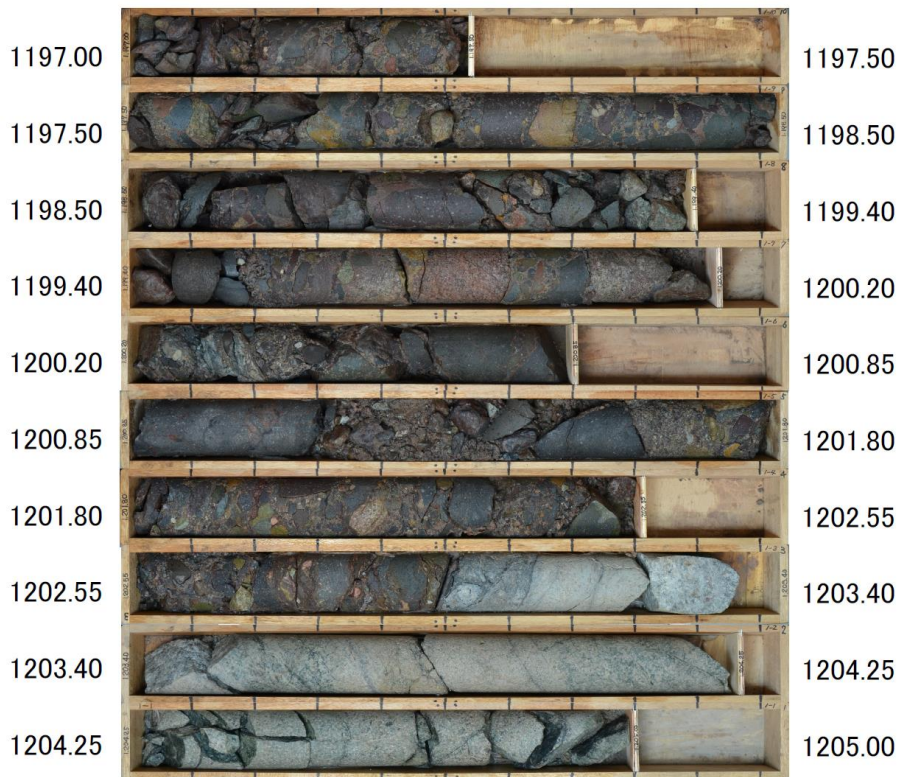


コア写真(D-8.6孔)(1/4)

D-8.6 (1197.00~1205.00m)



コア写真(D-8.6孔)(2/4)

D-8.6 (1297.00~1302.10m)



コア写真(D-8.6孔)(3/4)

D-8.6 (1397.00~1402.10m)



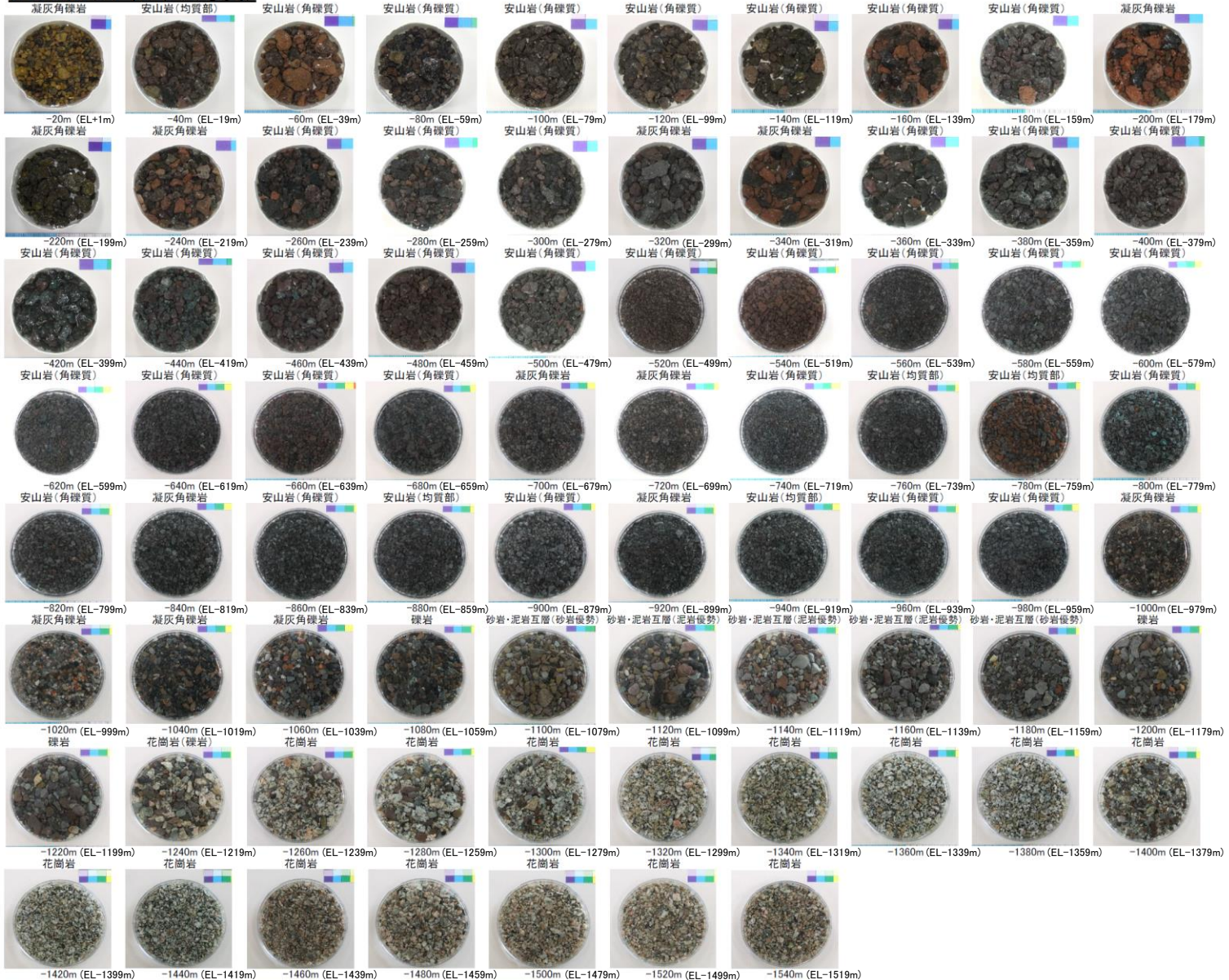
コア写真(D-8.6孔)(4/4)

D-8.6 (1497.30~1510.40m)



1.3 大深度ボーリング孔(D-8.6孔)を用いた調査結果
カッティングス写真(D-8.6孔)

D-8.6(カッティングス写真)

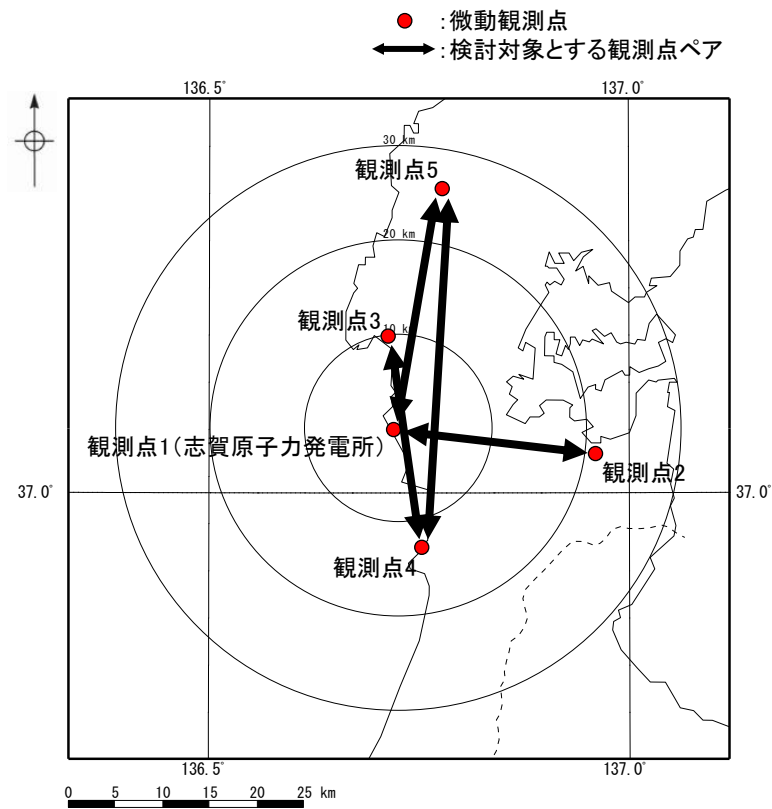


余白

2. 微動探査の評価結果

2.1 広域微動探査における相互相関関数の評価結果

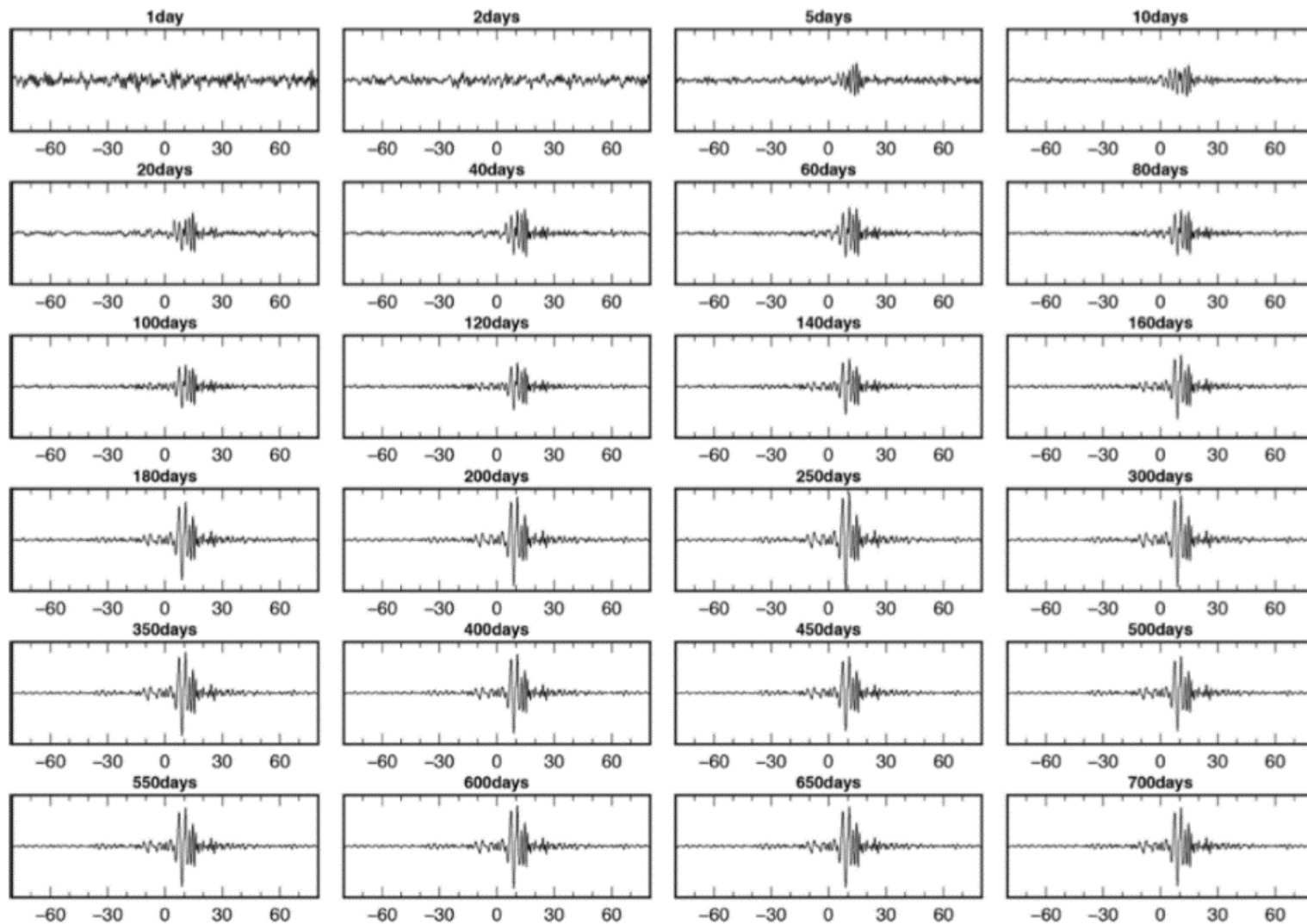
微動観測点配置図



微動観測点配置図

相互相関関数(観測点1-観測点2)の評価結果(1/2)

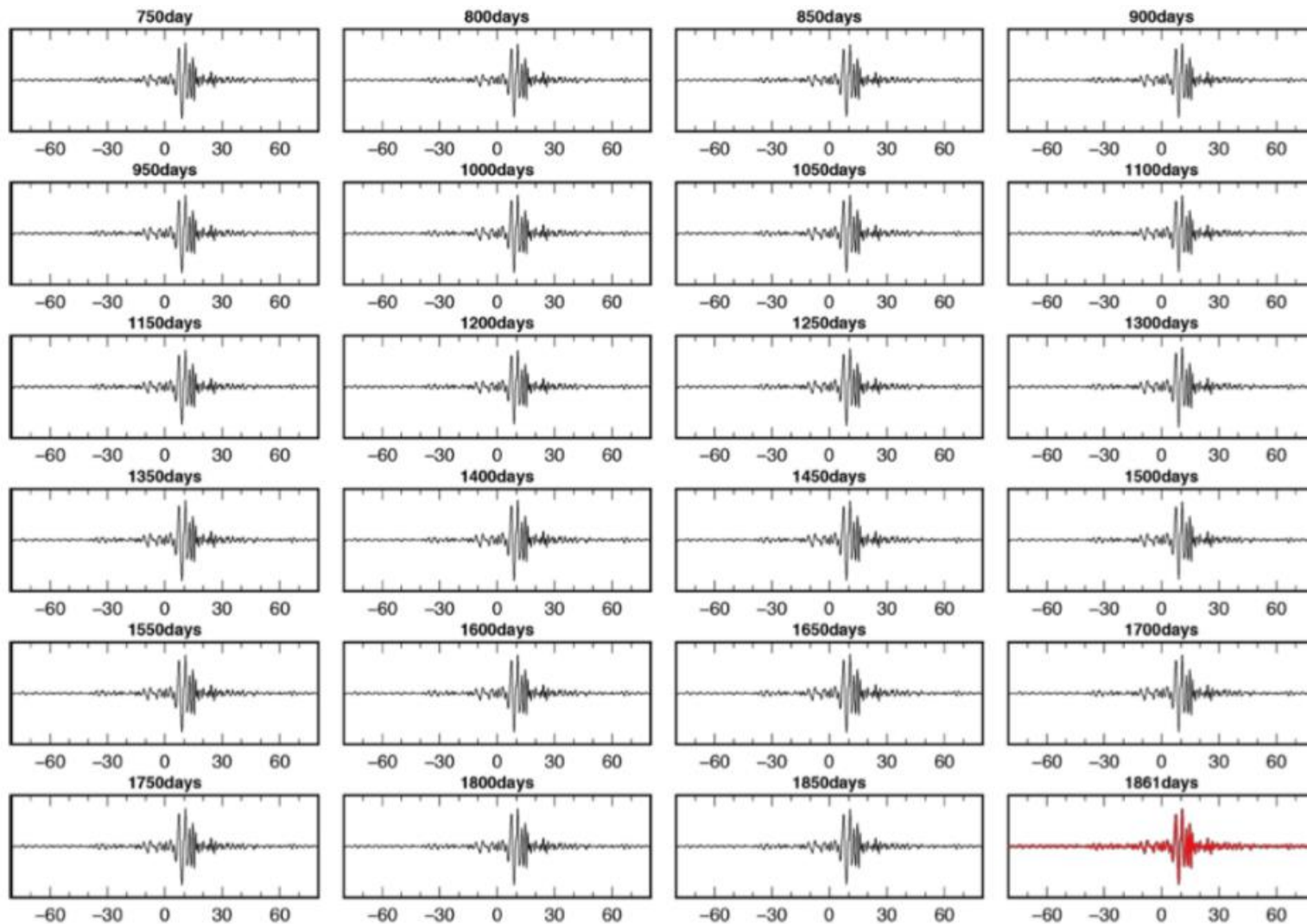
○ スタック日数による相互相関関数(観測点1-観測点2(UD成分))の変化を下図に示す。



スタック日数による相互相関関数(1/2)

※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点1から観測点2の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点1-観測点2)の評価結果(2/2)

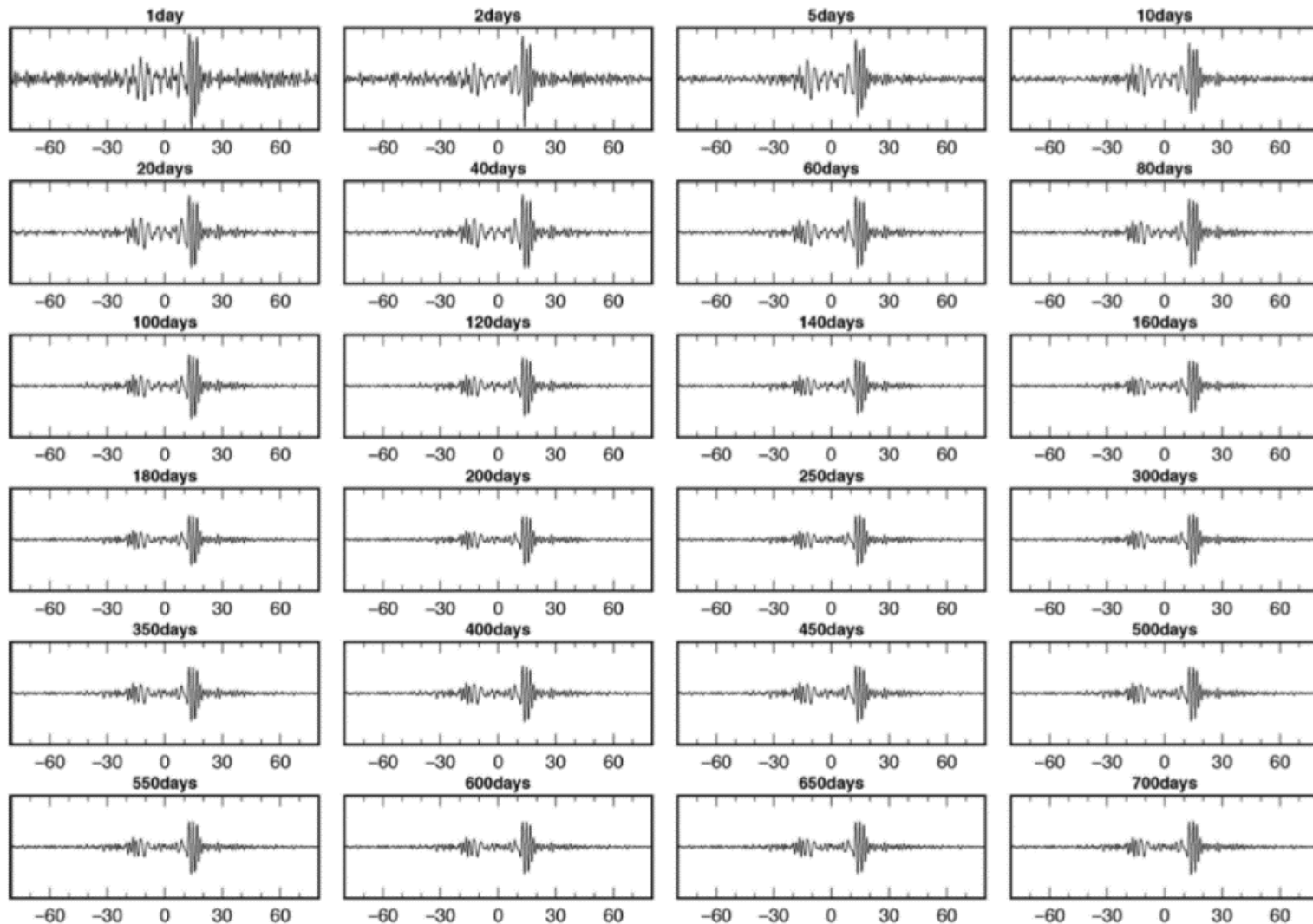


スタック日数による相互相関関数(2/2)

- ※ 相互相関関数の変化が小さくなったスタック日数までの相互相関関数を示す。(赤色で示す相互相関関数は、変化が小さくなったと判断した相互相関関数)
 ※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点1から観測点2の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点1-観測点5)の評価結果(1/2)

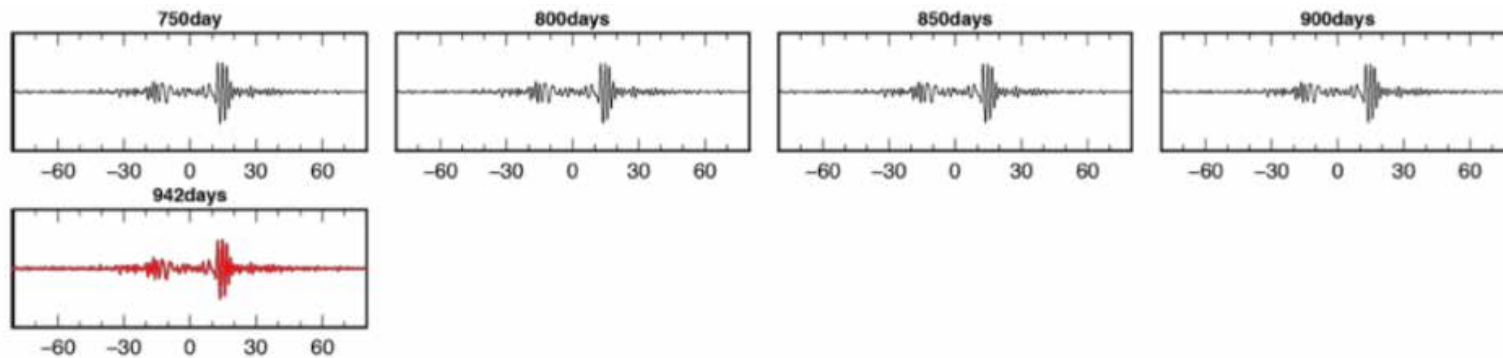
○ スタック日数による相互相関関数(観測点1-観測点5(UD成分))の変化を下図に示す。



スタック日数による相互相関関数(1/2)

※ 相互相関関数の横軸はLag time(s)を示し, 正(+)方向は観測点5から観測点1の方向を, 負(-)方向はその逆方向を示す。

相互相関関数(観測点1-観測点5)の評価結果(2/2)

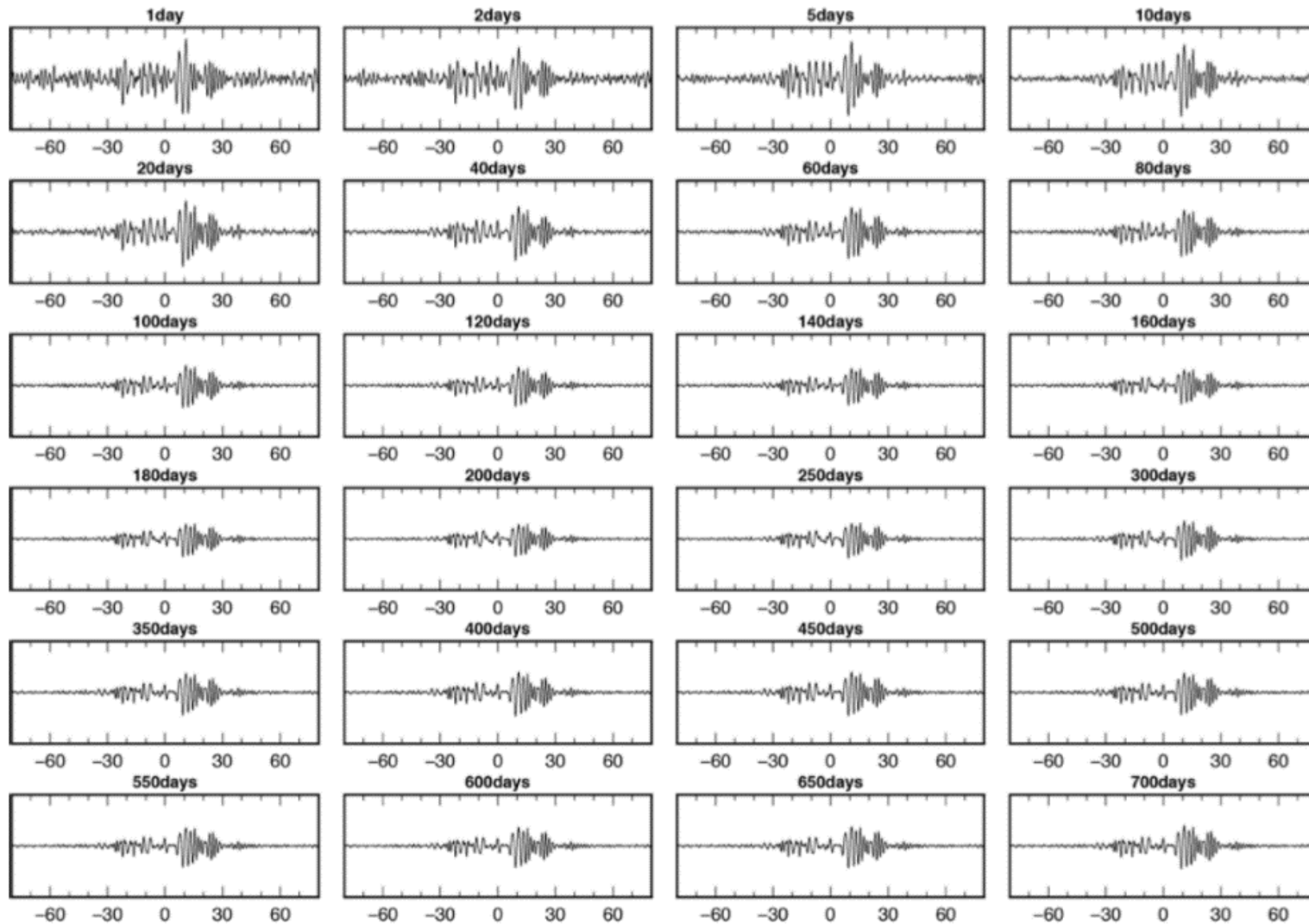


スタック日数による相互相関関数(2/2)

- ※ 相互相関関数の変化が小さくなったスタック日数までの相互相関関数を示す。(赤色で示す相互相関関数は、変化が小さくなったと判断した相互相関関数)
- ※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点5から観測点1の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点3-観測点4)の評価結果(1/2)

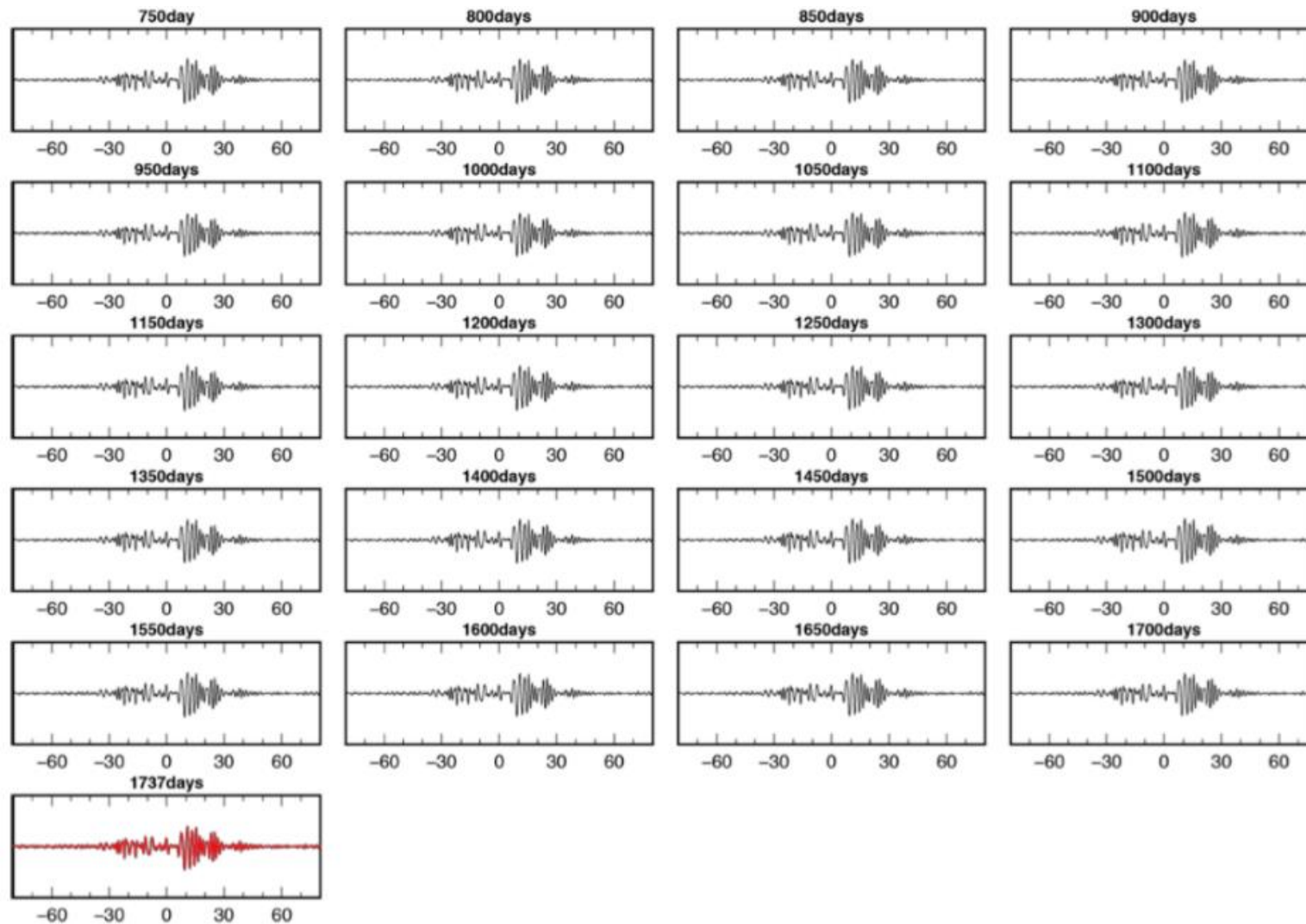
○ スタック日数による相互相関関数(観測点3-観測点4(UD成分))の変化を下図に示す。



スタック日数による相互相関関数(1/2)

※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点3から観測点4の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点3-観測点4)の評価結果(2/2)

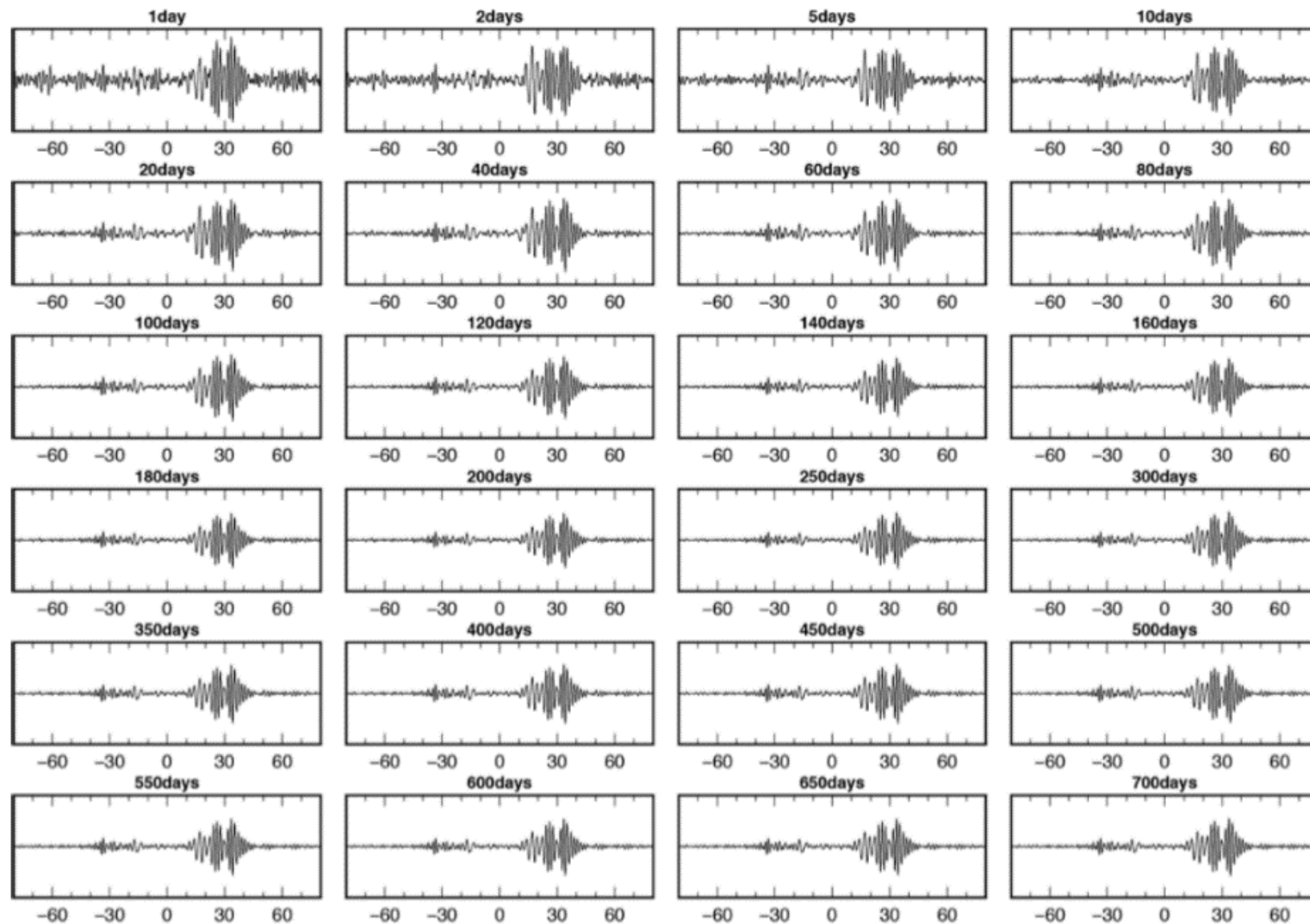


スタック日数による相互相関関数(2/2)

- ※ 相互相関関数の変化が小さくなったスタック日数までの相互相関関数を示す。(赤色で示す相互相関関数は、変化が小さくなったと判断した相互相関関数)
 ※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点3から観測点4の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点4-観測点5)の評価結果(1/2)

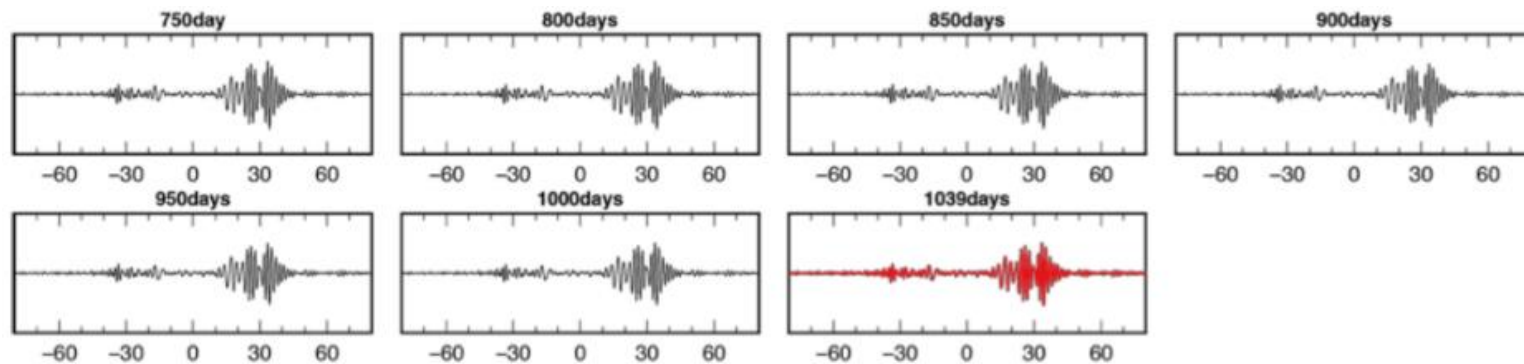
○ スタック日数による相互相関関数(観測点4-観測点5(UD成分))の変化を下図に示す。



スタック日数による相互相関関数(1/2)

※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点5から観測点4の方向を、負(-)方向はその逆方向を示す。

相互相関関数(観測点4-観測点5)の評価結果(2/2)

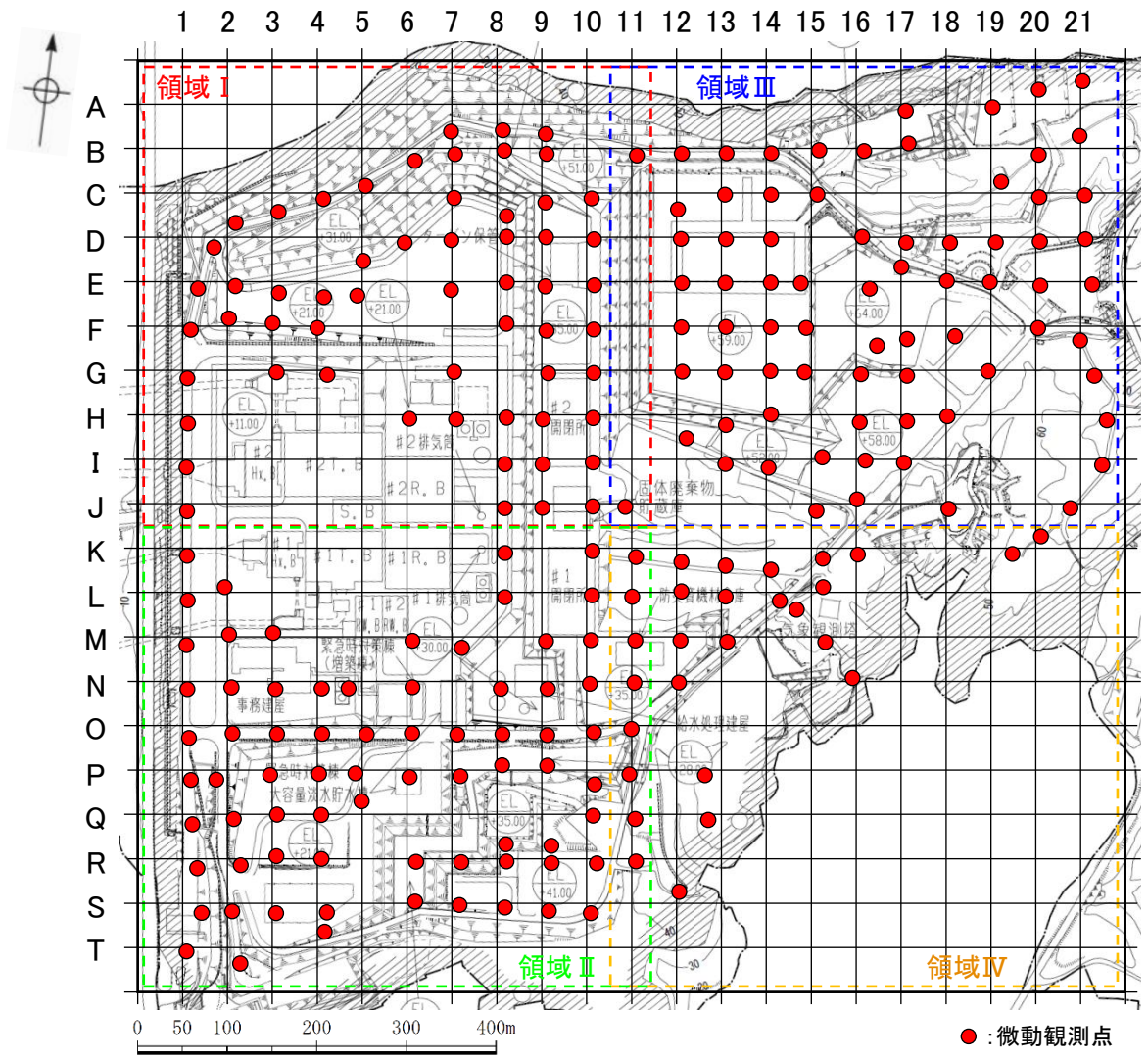


スタック日数による相互相関関数(2/2)

- ※ 相互相関関数の変化が小さくなったスタック日数までの相互相関関数を示す。(赤色で示す相互相関関数は、変化が小さくなったと判断した相互相関関数)
- ※ 相互相関関数の横軸はLag time(s)を示し、正(+)方向は観測点5から観測点4の方向を、負(-)方向はその逆方向を示す。

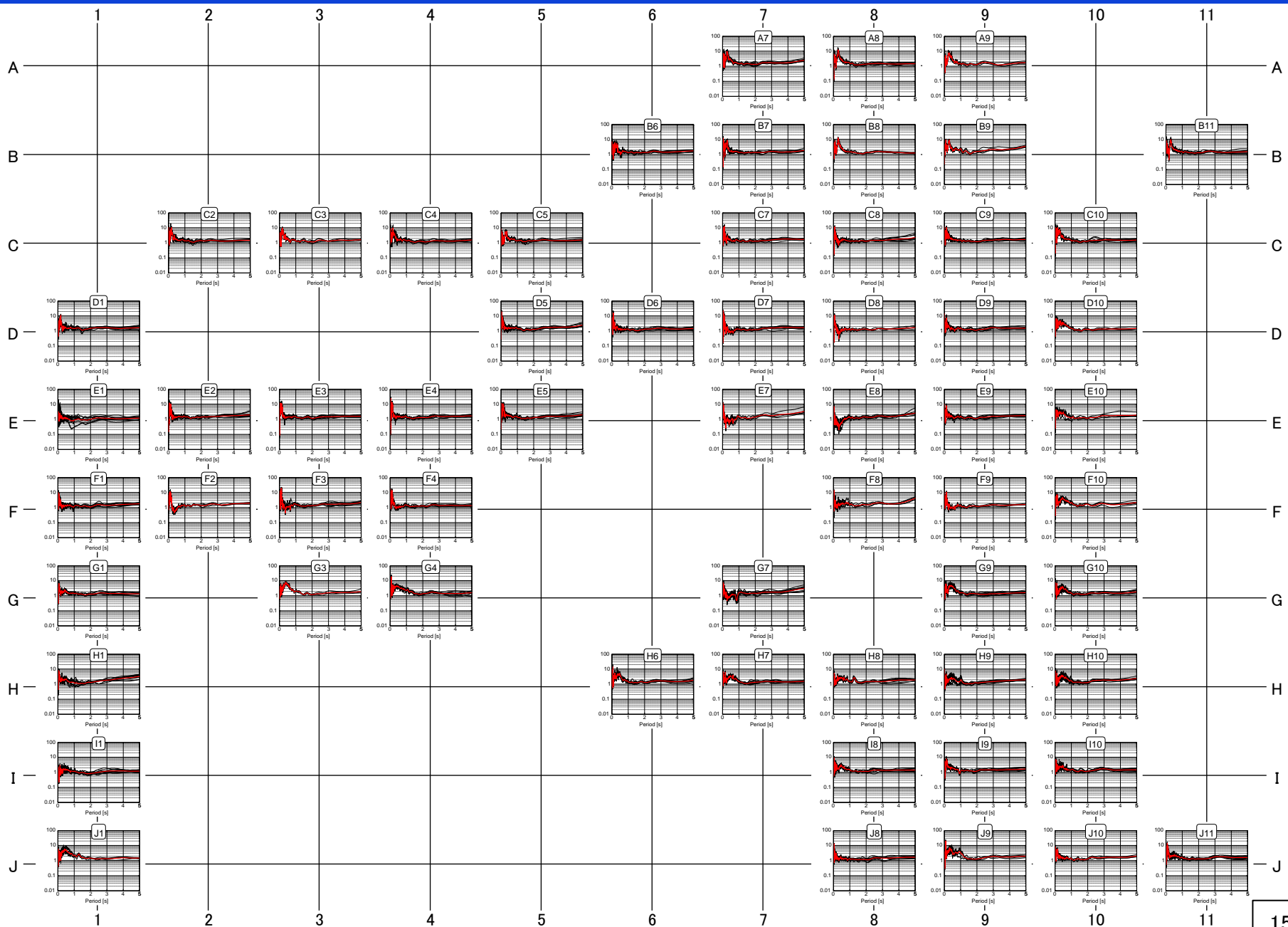
2.2 単点微動探査における各観測点の微動H/Vスペクトル比の評価結果

微動観測点配置図



微動観測点配置図

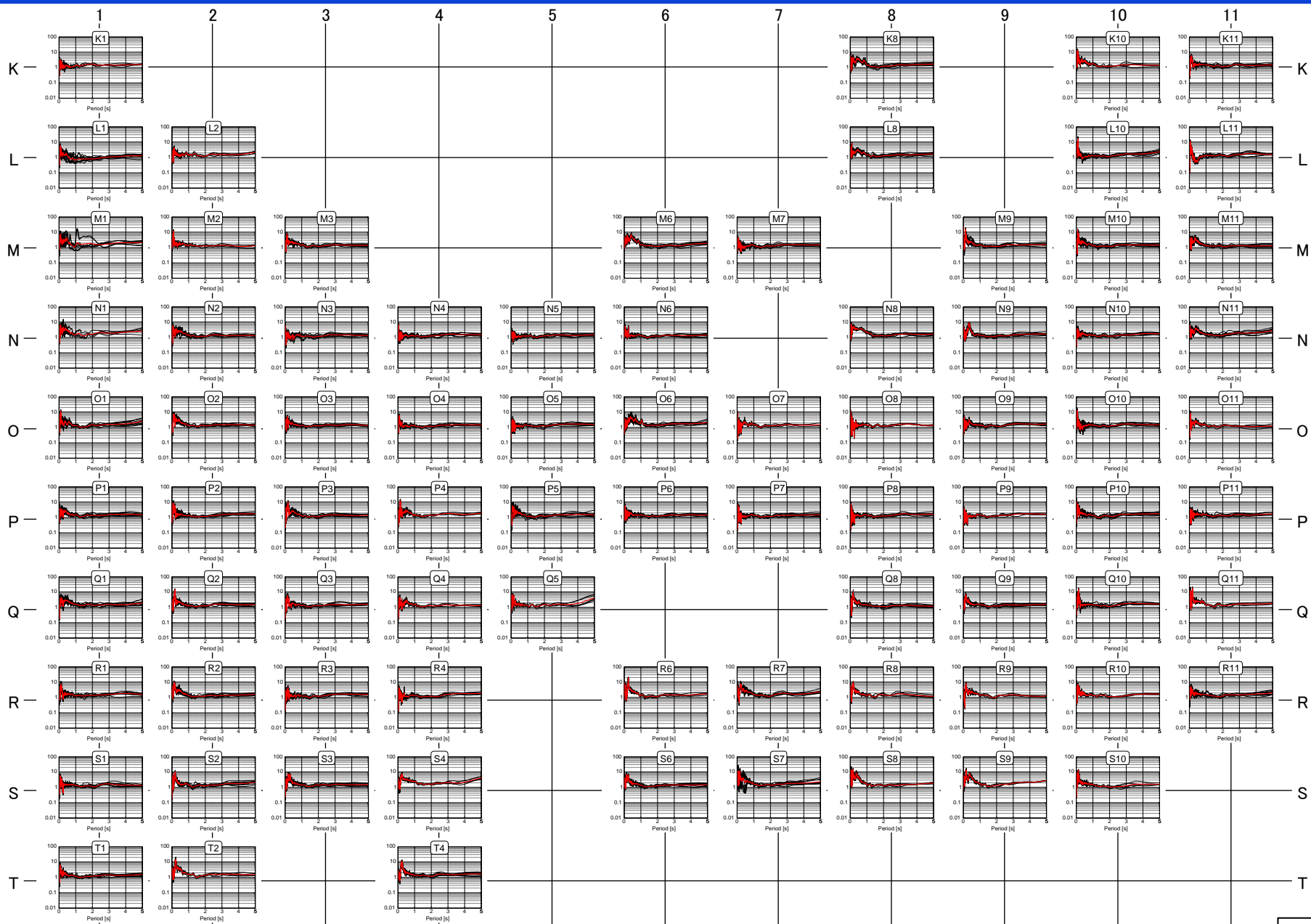
各観測点の微動H/Vスペクトル比(領域 I)



— 微動H/Vスペクトル比(各セグメント) — 微動H/Vスペクトル比(平均)

各観測点の微動H/Vスペクトル比

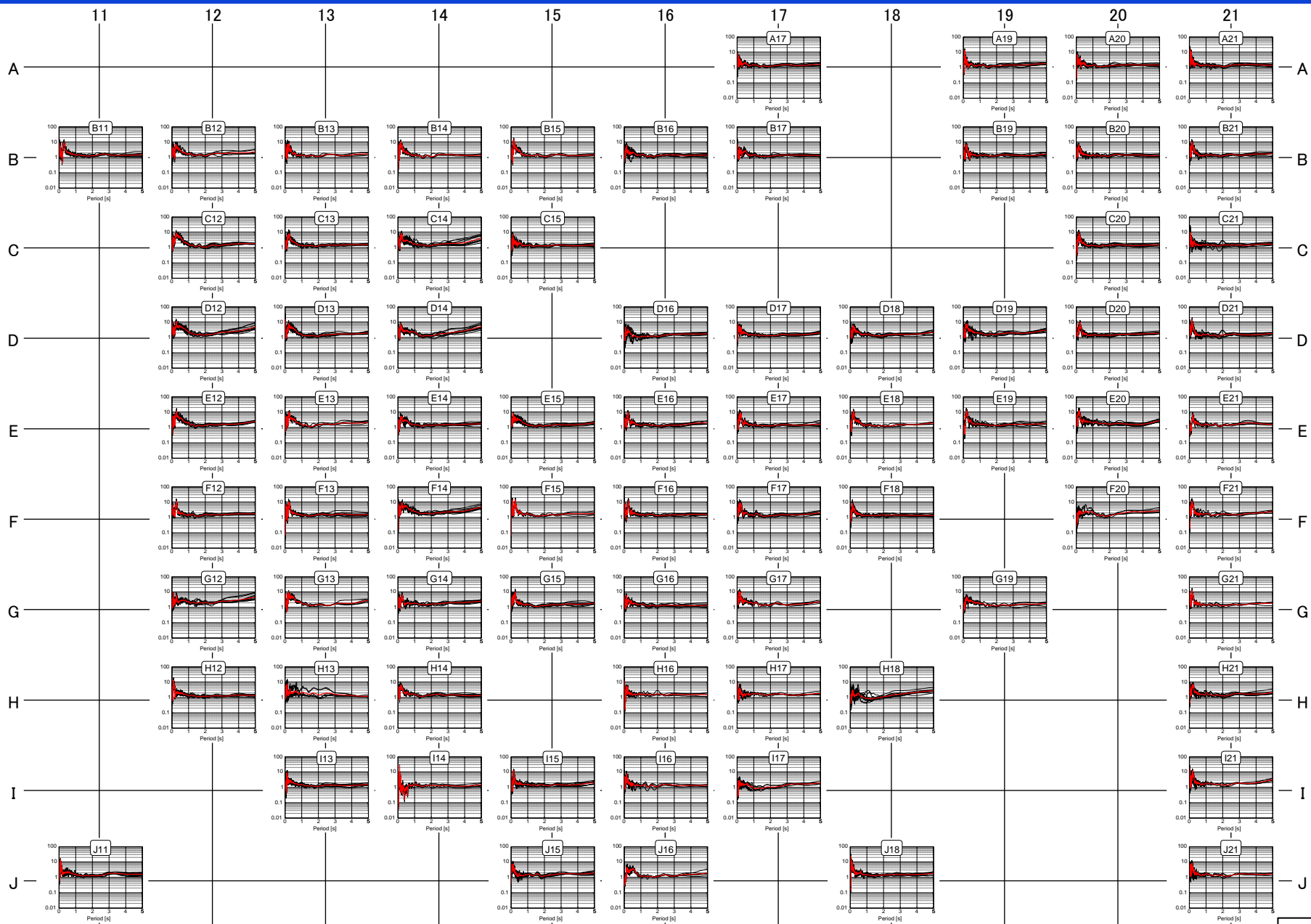
各観測点の微動H/Vスペクトル比(領域Ⅱ)



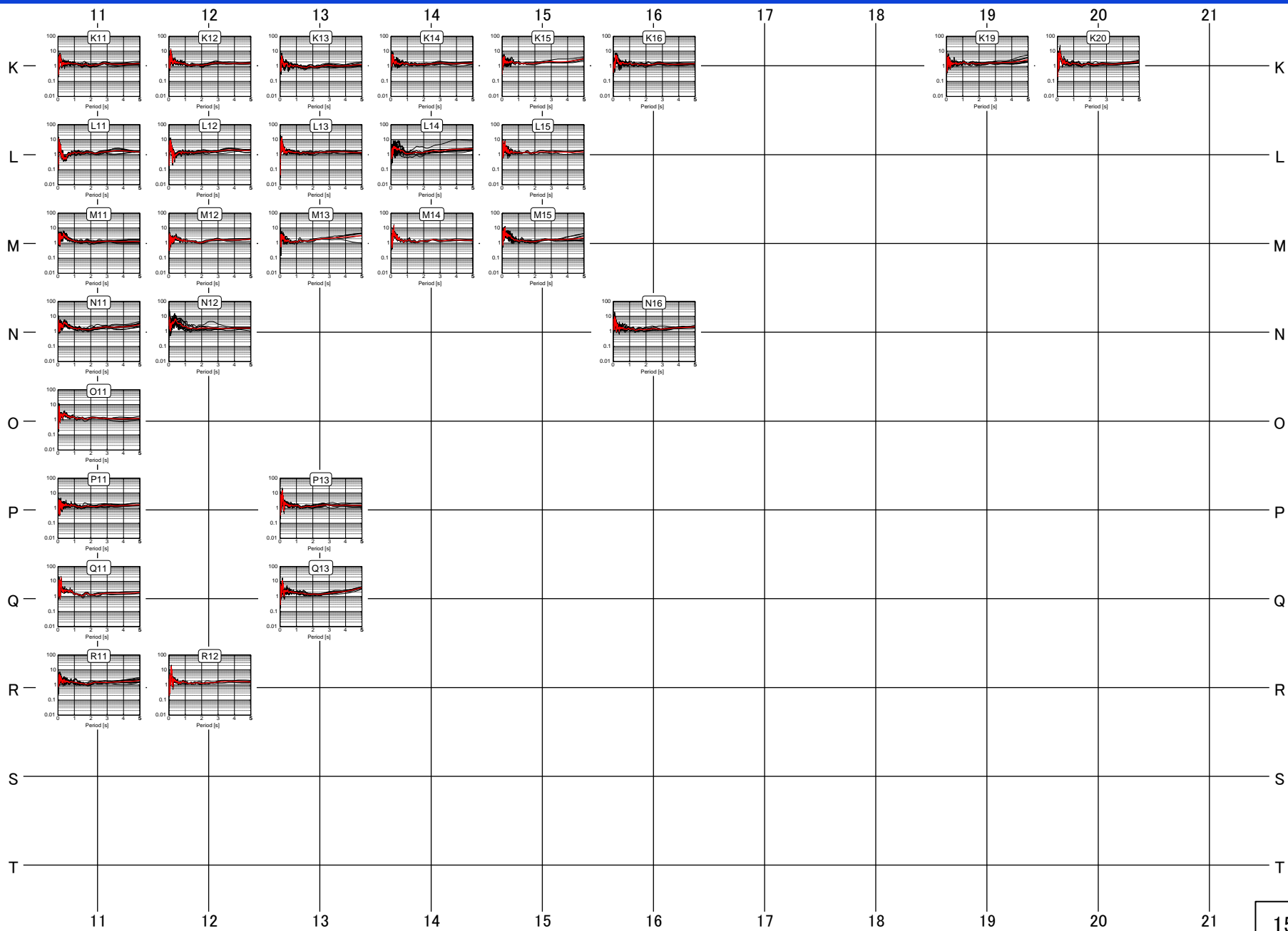
— 微動H/Vスペクトル比(各セグメント) — 微動H/Vスペクトル比(平均)

各観測点の微動H/Vスペクトル比

各観測点の微動H/Vスペクトル比(領域Ⅲ)

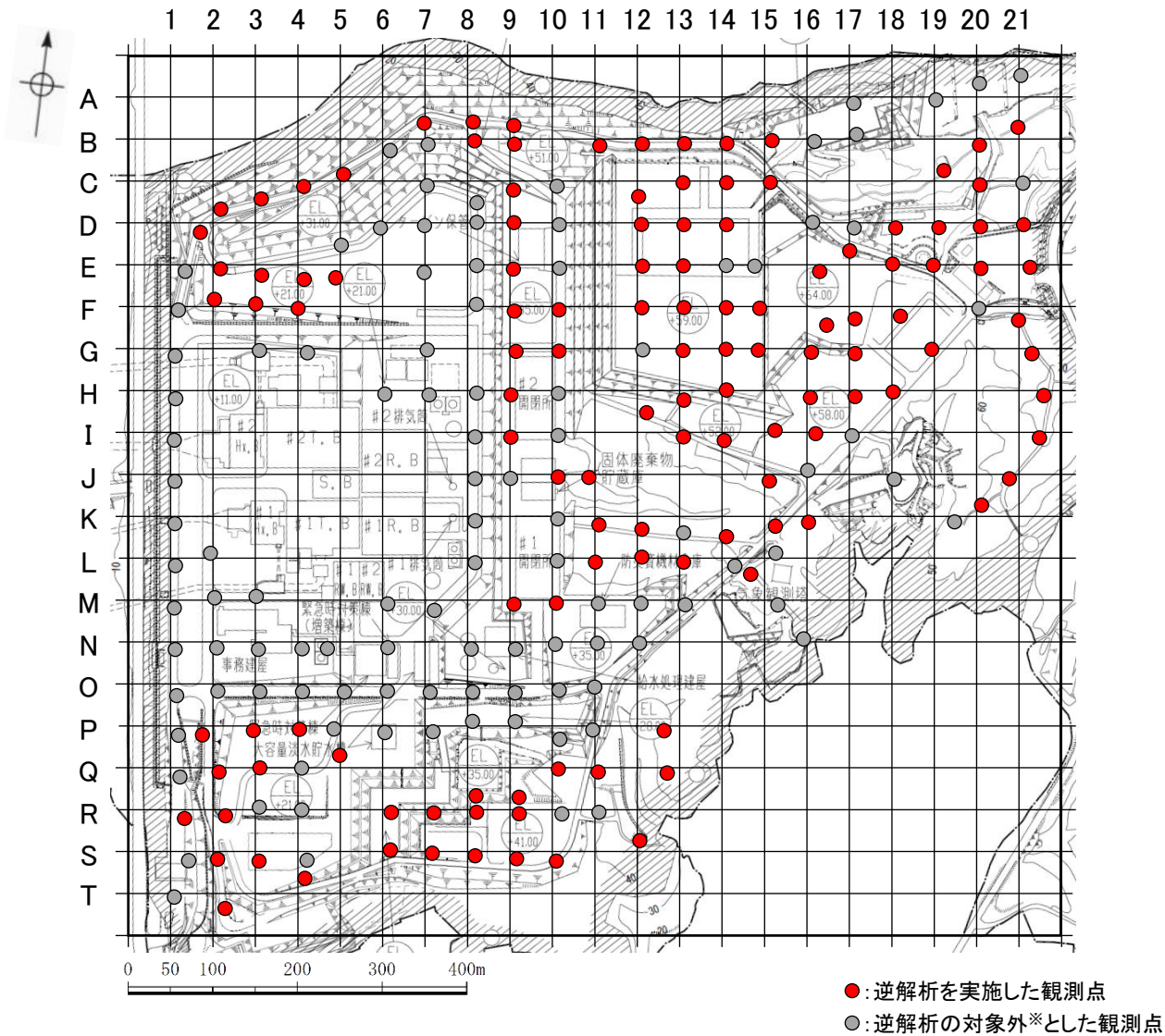


各観測点の微動H/Vスペクトル比(領域IV)



2.3 単点微動探査における各観測点の微動H/Vスペクトル比の逆解析結果

微動観測点のうち逆解析を実施した観測点配置図

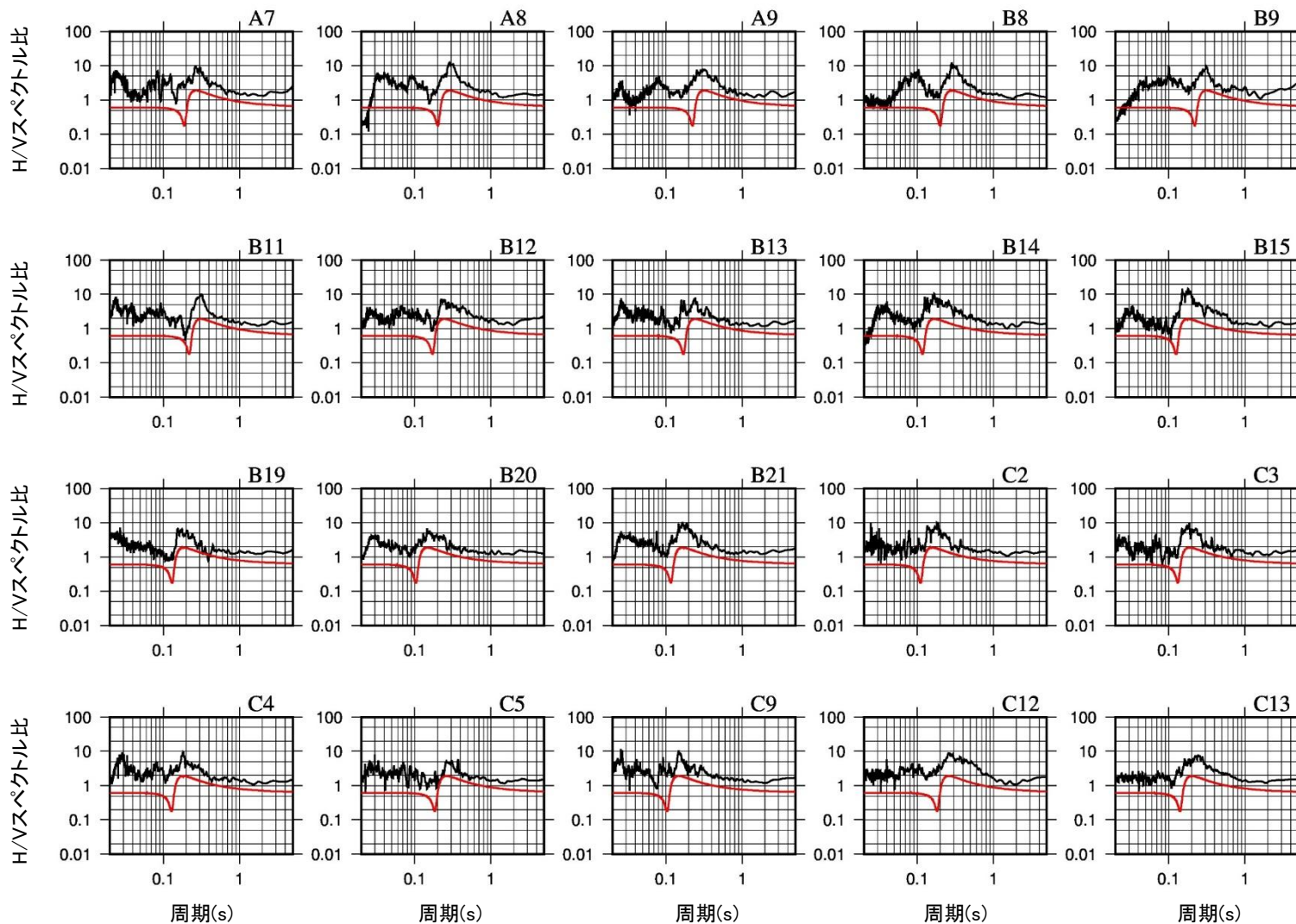


微動観測点のうち逆解析を実施した観測点配置図

※ 微動H/Vスペクトル比の周期0.1~1秒に明瞭なピークがみられない観測点については、逆解析の対象外とした。

各観測点の微動H/Vスペクトル比と逆解析結果の比較(1/7)

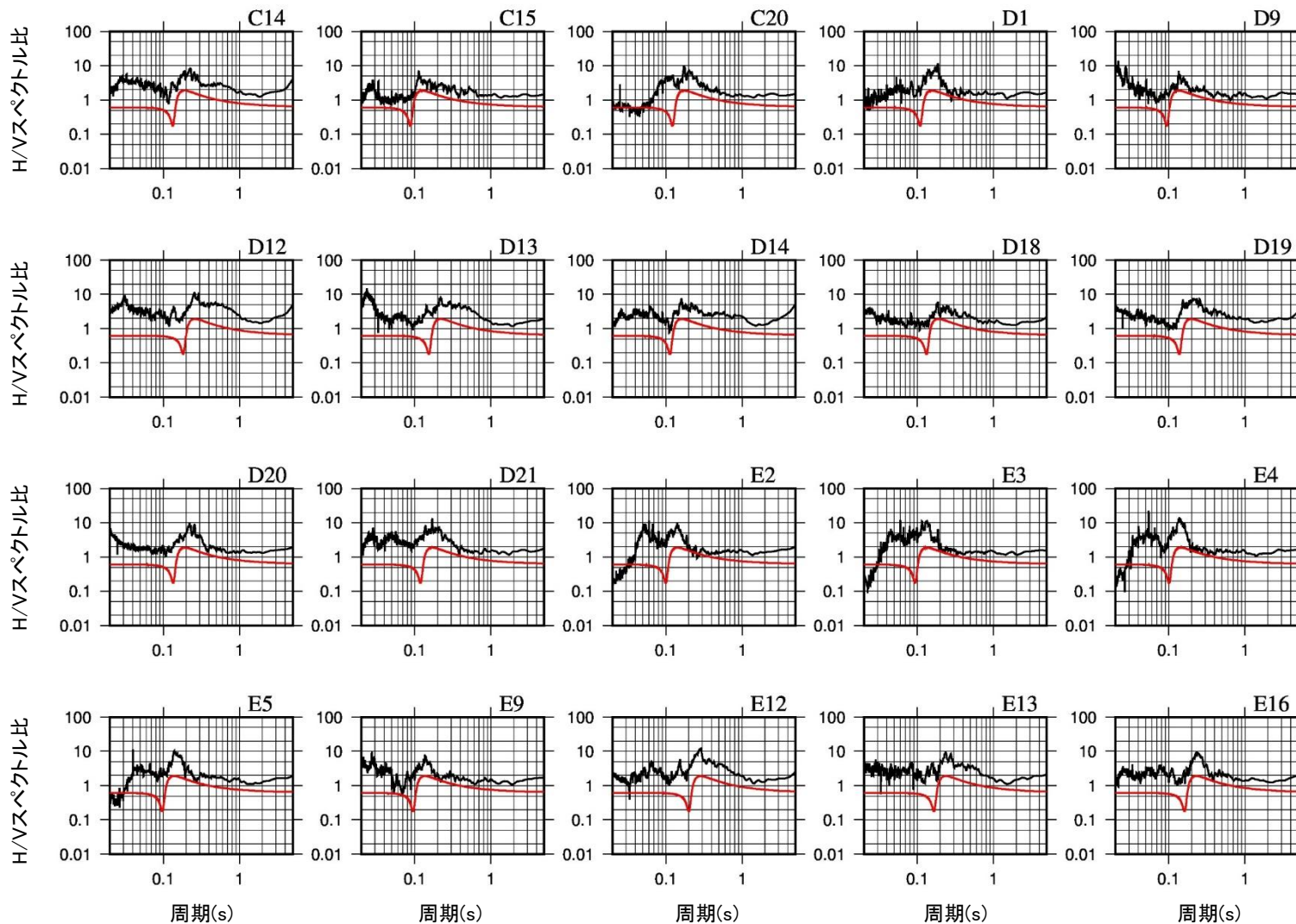
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

各観測点の微動H/Vスペクトル比と逆解析結果の比較(2/7)

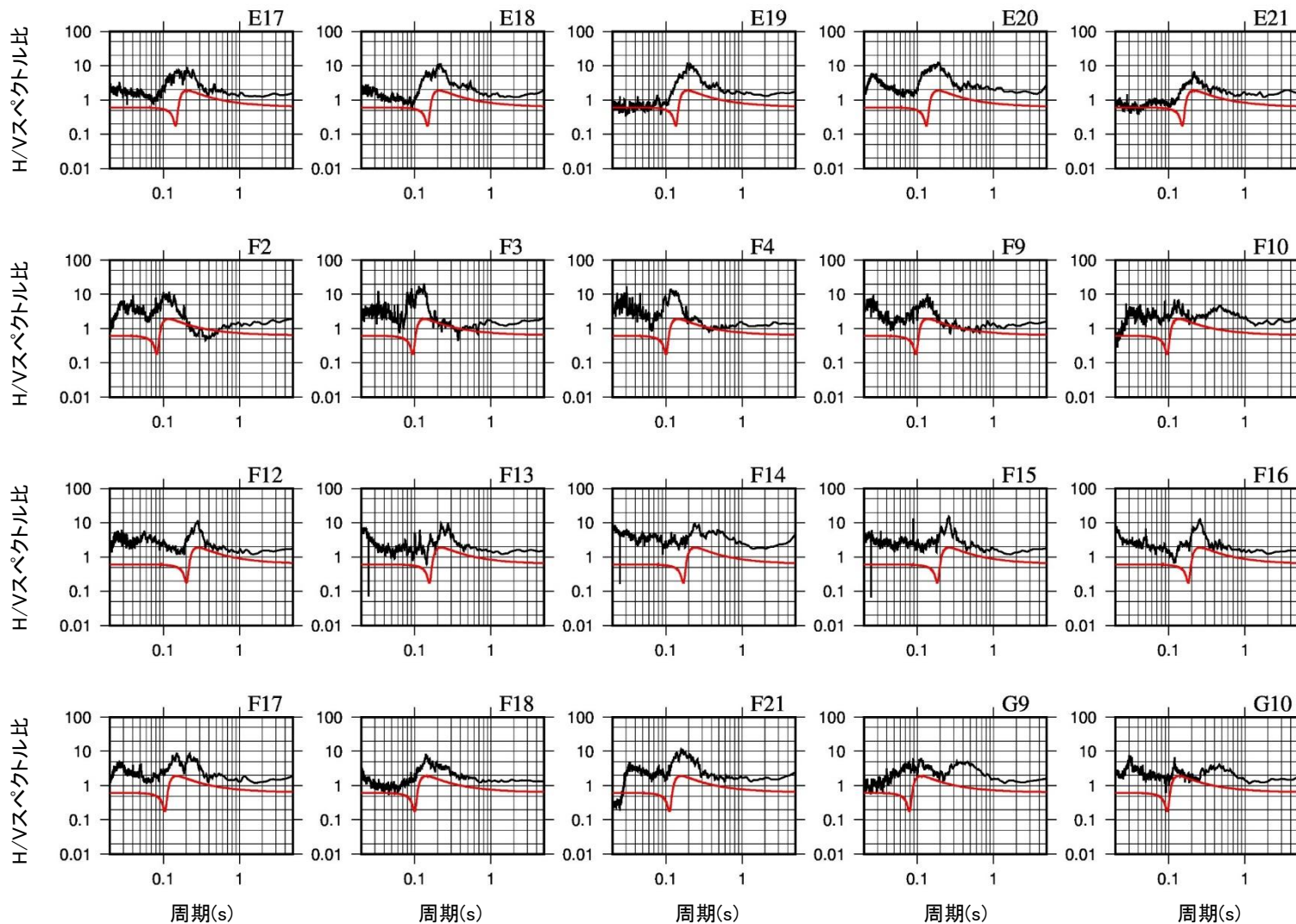
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

各観測点の微動H/Vスペクトル比と逆解析結果の比較(3/7)

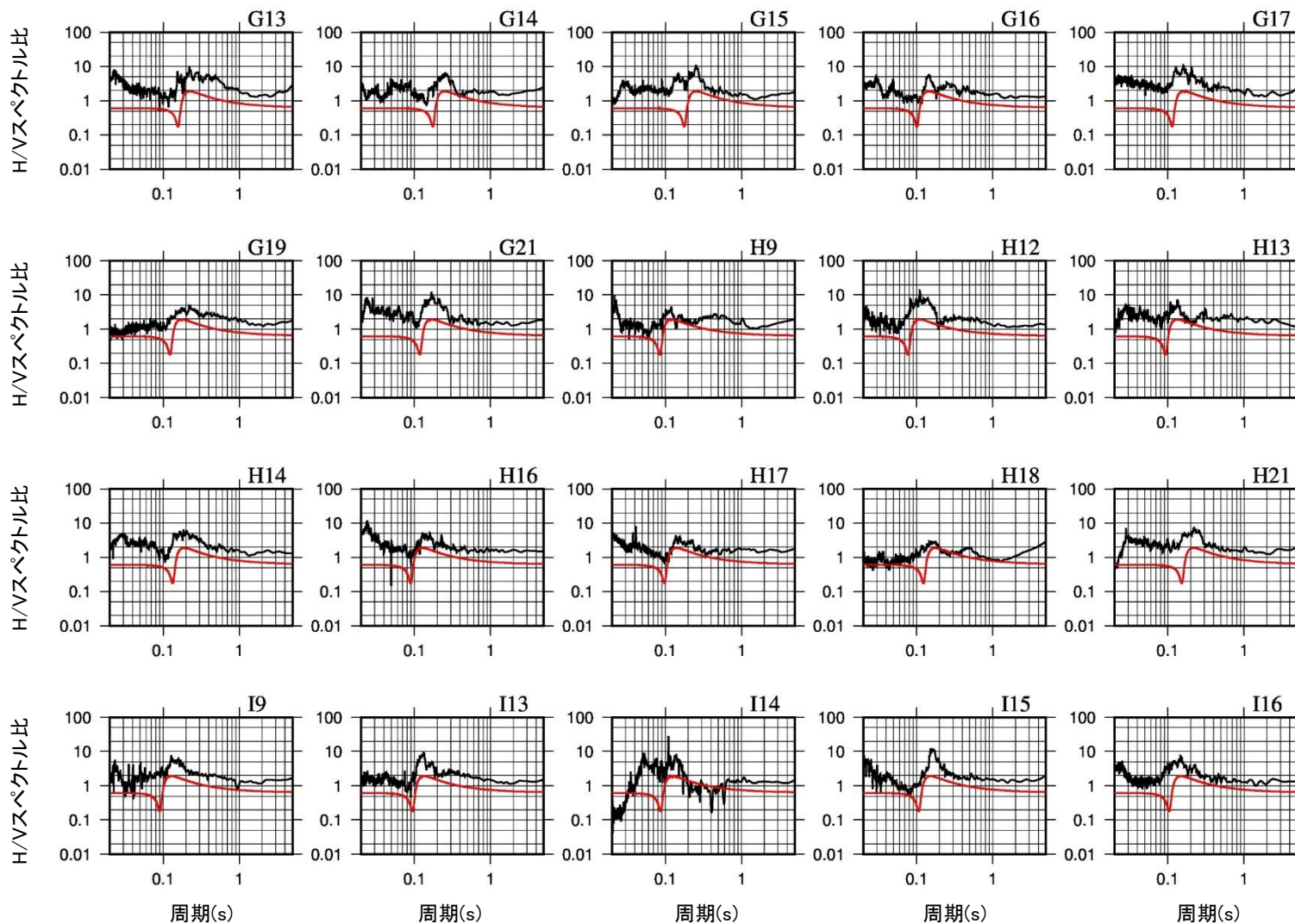
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

各観測点の微動H/Vスペクトル比と逆解析結果の比較(4/7)

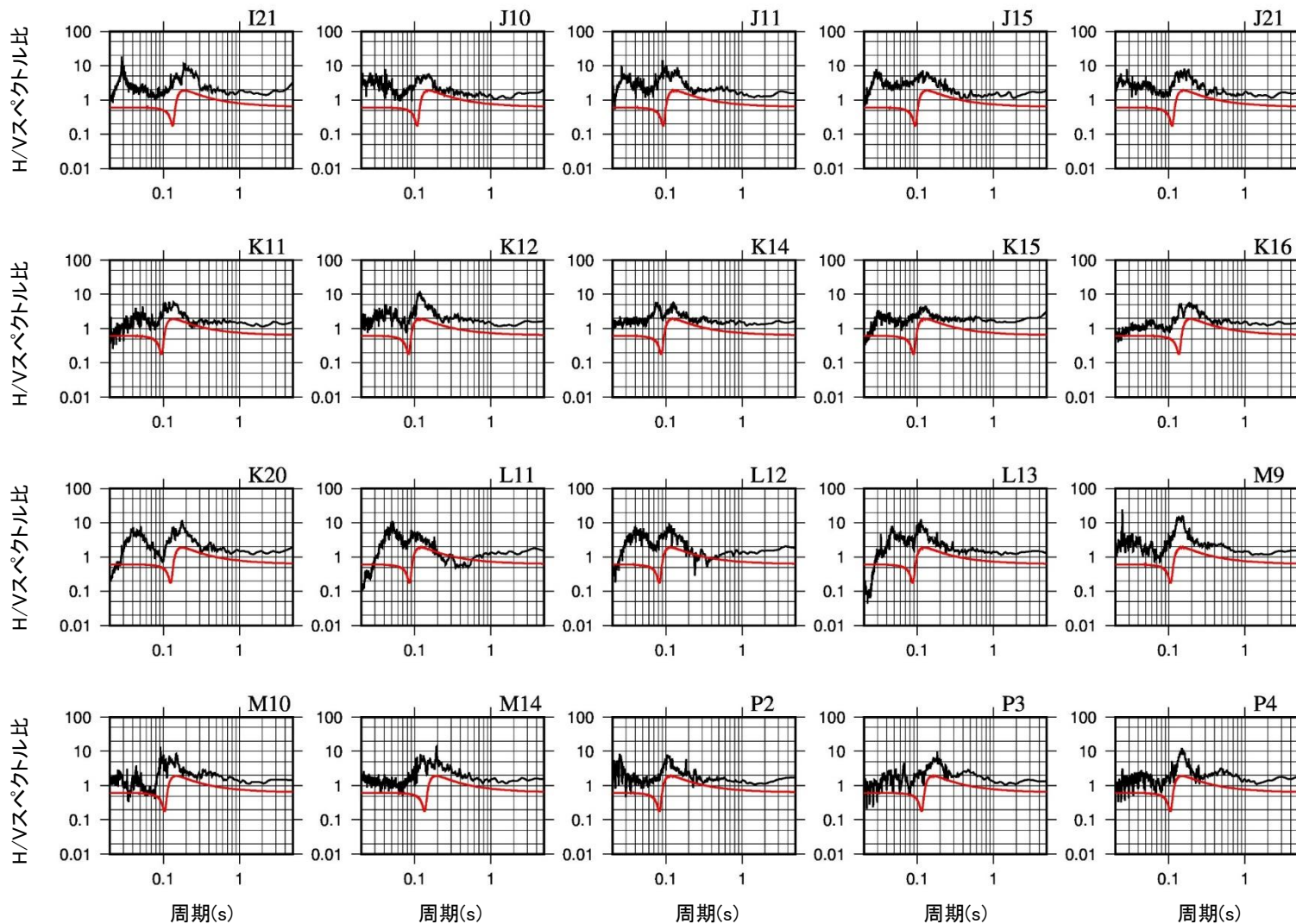
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

各観測点の微動H/Vスペクトル比と逆解析結果の比較(5/7)

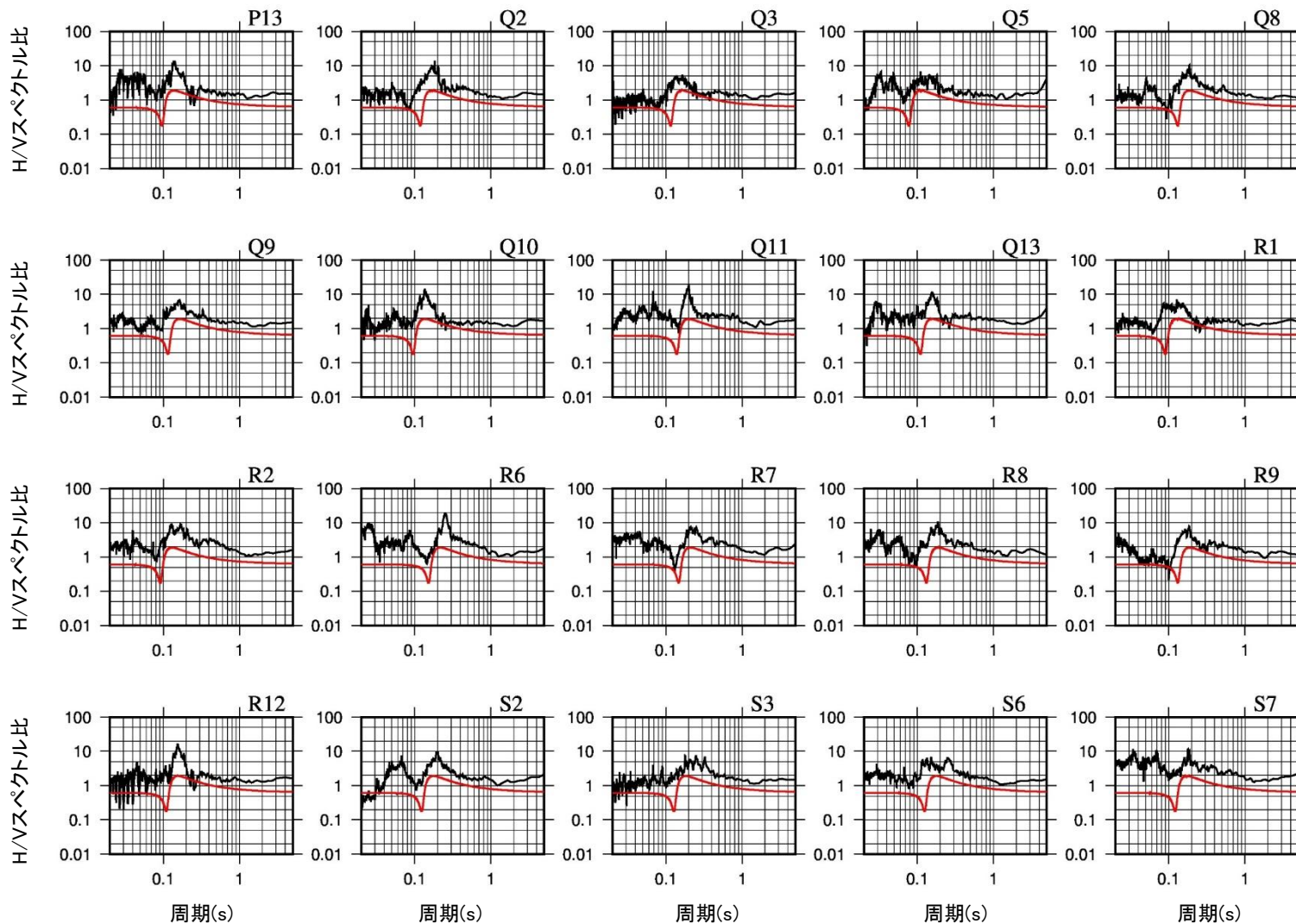
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

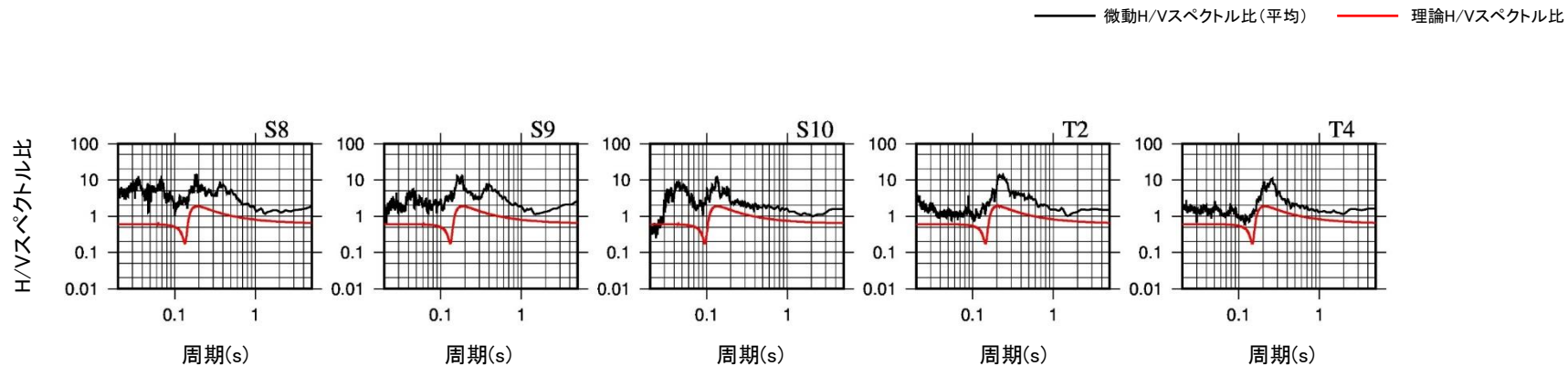
各観測点の微動H/Vスペクトル比と逆解析結果の比較(6/7)

—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

各観測点の微動H/Vスペクトル比と逆解析結果の比較(7/7)



3. 観測記録による地下構造の検討に用いた 地震観測記録及び応答スペクトル比

3.1 水平アレー地震観測記録(地表)を用いた検討

検討の対象とした地震

検討の対象とした地震の諸元*

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
1	2016/02/03	21:28	36.4062	137.6380	0.00	4.4	109.1	東
2	2016/03/07	05:58	35.8363	135.8663	12.59	3.9	156.2	南
3	2016/05/23	19:03	36.8070	137.8983	2.77	3.3	108.1	東
4	2016/06/23	12:59	35.7768	136.4485	8.81	3.4	144.7	南
5	2016/06/25	13:51	36.8182	137.8323	0.00	4.8	102.1	東
6	2016/06/27	03:28	36.8203	137.8392	0.00	3.4	102.6	東
7	2016/06/27	19:48	36.8172	137.8400	0.00	3.3	102.8	東
8	2016/06/27	20:11	36.8180	137.8370	0.00	2.9	102.5	東
9	2016/06/29	04:30	36.8158	137.8325	0.00	3.3	102.2	東
10	2016/07/01	08:04	36.8227	137.8457	0.00	4.6	103.1	東
11	2016/07/15	02:29	36.7330	135.2505	21.15	3.7	136.5	西
12	2016/08/20	08:14	37.2592	136.6910	8.17	3.9	22.2	北
13	2016/09/03	08:29	36.8362	137.8515	0.00	3.4	103.2	東
14	2016/09/26	04:01	38.2747	137.8308	30.89	4.0	166.3	北
15	2016/10/21	14:07	35.3805	133.8562	10.61	6.6	318.4	西
16	2016/11/15	01:46	37.3063	137.0903	8.68	2.8	42.2	東
17	2016/11/19	11:48	33.8427	135.4635	51.35	5.4	375.0	南
18	2016/12/06	09:05	36.0078	137.3443	5.11	4.5	129.3	南
19	2017/01/10	06:52	35.7957	136.9197	9.83	3.8	141.4	南
20	2017/01/17	15:53	36.5885	135.9817	21.79	3.6	84.6	西
21	2017/03/05	08:53	36.0072	137.3463	6.00	3.1	129.4	北
22	2017/04/01	19:43	37.3132	136.7688	5.11	3.6	28.3	北
23	2017/05/27	22:50	36.0662	135.5433	17.16	5.1	153.0	南
24	2017/06/25	07:02	35.8680	137.5865	6.66	5.6	153.2	南
25	2017/06/25	09:24	35.8635	137.5668	5.90	4.5	152.7	南
26	2017/06/25	15:17	35.8568	137.5843	6.60	4.7	154.1	南
27	2017/08/13	07:14	37.0970	136.8145	3.75	1.7	8.8	東
28	2017/09/08	12:42	37.2918	136.7457	7.11	3.6	25.7	北
29	2020/10/19	03:27	35.2118	136.6313	41.94	4.1	205.3	南
30	2020/11/29	17:15	36.4340	136.7155	8.65	2.5	69.6	南
31	2020/12/28	03:15	37.0360	136.4037	9.77	3.6	28.9	西
32	2021/02/13	23:07	37.7288	141.6985	55.38	7.3	446.4	東
33	2021/03/11	19:57	36.2198	137.6533	3.73	4.3	124.8	南
34	2021/07/17	18:07	36.3243	137.6155	2.57	4.3	114.0	南
35	2021/07/18	18:50	37.0382	139.2767	3.50	4.7	226.8	東
36	2021/07/24	15:11	38.0403	137.9325	18.18	3.7	152.2	北
37	2021/07/26	21:20	37.5027	137.2107	12.66	2.7	65.2	北
38	2021/07/27	17:31	36.0902	137.3172	10.42	3.2	120.0	南
39	2021/08/08	01:42	37.5112	137.2197	13.39	2.9	66.4	北
40	2021/08/14	22:38	37.5088	137.2230	13.50	4.2	66.4	北
41	2021/08/16	05:03	35.4510	136.3343	13.00	4.6	182.1	南
42	2021/08/16	08:17	35.4552	136.3303	13.33	4.4	181.7	南
43	2021/08/21	16:40	37.5163	137.2388	13.17	3.7	68.0	北
44	2021/09/16	18:42	37.5053	137.3008	13.12	5.1	70.9	東
45	2021/09/19	17:18	36.3455	137.6247	0.00	5.3	112.9	南
46	2021/09/19	17:19	36.3415	137.6198	0.99	4.9	112.9	南
47	2021/09/19	18:59	36.3033	137.6253	3.17	4.4	116.3	南
48	2021/09/19	19:04	36.2872	137.6323	4.02	4.7	118.0	南
49	2021/09/24	18:48	37.3658	138.4017	16.18	4.1	152.5	東
50	2021/09/27	19:54	36.2715	137.6327	4.37	4.3	119.3	南

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
51	2022/03/08	01:58	37.5248	137.2372	13.51	4.8	68.6	北
52	2022/03/16	23:36	37.6967	141.6230	56.61	7.4	439.3	東
53	2022/03/23	09:23	37.5150	137.2987	13.82	4.3	71.5	東
54	2022/04/04	10:26	37.5172	137.2262	13.92	4.3	67.3	北
55	2022/04/30	18:06	35.0463	135.5643	12.47	4.3	246.8	南
56	2022/05/02	14:52	37.5273	137.3017	12.45	4.1	72.7	北
57	2022/06/12	18:14	37.5120	137.2268	13.30	3.0	66.9	北
58	2022/06/16	02:27	37.5295	137.2363	12.84	4.0	68.9	北
59	2022/06/17	00:51	33.9123	134.5888	45.35	4.9	399.6	南
60	2022/06/19	15:08	37.5153	137.2763	13.14	5.4	70.1	北
61	2022/06/19	16:38	37.5152	137.2620	11.96	3.3	69.3	北
62	2022/06/19	19:22	37.5247	137.2740	11.28	3.2	70.8	北
63	2022/06/20	03:03	37.5252	137.2725	11.30	2.9	70.7	北
64	2022/06/20	10:31	37.5220	137.3220	13.86	5.0	73.5	東
65	2022/08/29	22:25	37.5197	137.2123	12.82	3.1	66.7	北
66	2022/09/07	17:48	36.5532	137.5975	3.71	3.3	96.0	東
67	2022/09/22	16:27	37.3168	137.8183	17.92	2.5	101.0	東
68	2022/10/13	11:56	37.5120	137.2170	11.38	3.1	66.3	北
69	2022/10/25	07:08	37.5217	137.2127	13.31	3.2	66.9	北
70	2022/11/14	22:27	37.5195	137.2597	11.92	4.2	69.5	北
71	2022/11/26	21:58	37.5358	137.2285	12.79	4.2	69.0	北
72	2022/12/05	02:47	37.5155	137.2237	13.78	3.2	67.0	北
73	2022/12/11	00:27	37.5260	137.2930	12.35	3.6	72.0	北
74	2022/12/11	02:22	37.5290	137.2922	12.09	3.0	72.2	北
75	2023/01/06	13:44	37.5065	137.2743	13.42	4.5	69.3	北
76	2023/01/06	23:53	37.4922	137.2168	12.45	3.9	64.7	北
77	2023/02/21	07:47	37.5098	137.2282	13.11	3.2	66.8	北
78	2023/02/21	22:53	37.5253	137.2735	11.51	4.1	70.8	北

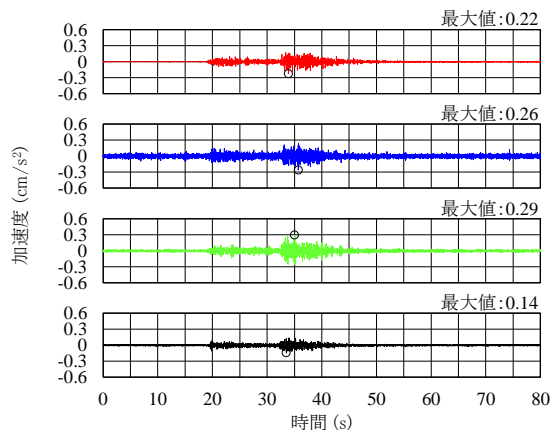
* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

到来方向	地震数
東方向	20個
西方向	4個
南方向	24個
北方向	30個
全方向	78個

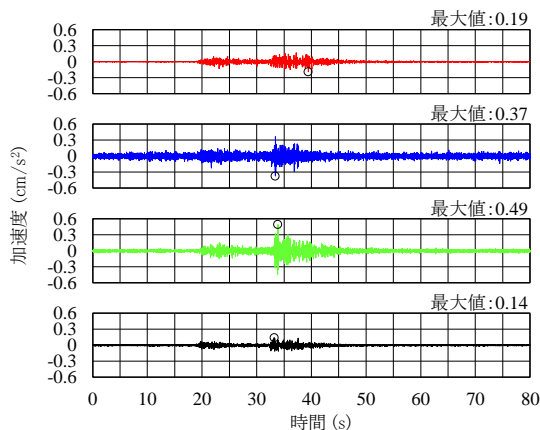
※ 観測点3のNS方向のNo.3~12及びEW方向のNo.29, 32~33, 43~48, 53~56については、地震計の不具合により適切な観測記録が得られなかったことから検討対象外とした。

※ 震央の方位は志賀原子力発電所から震央位置を望む方位を示す。

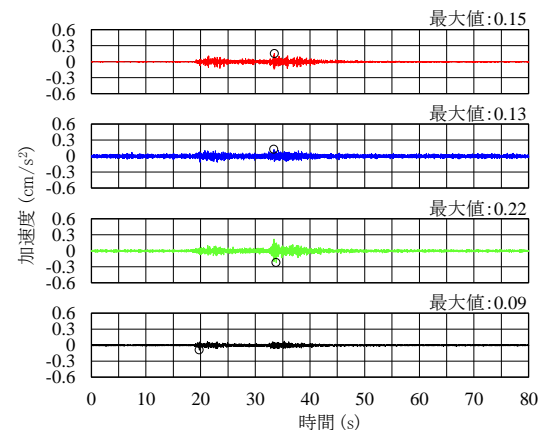
No.1



NS方向

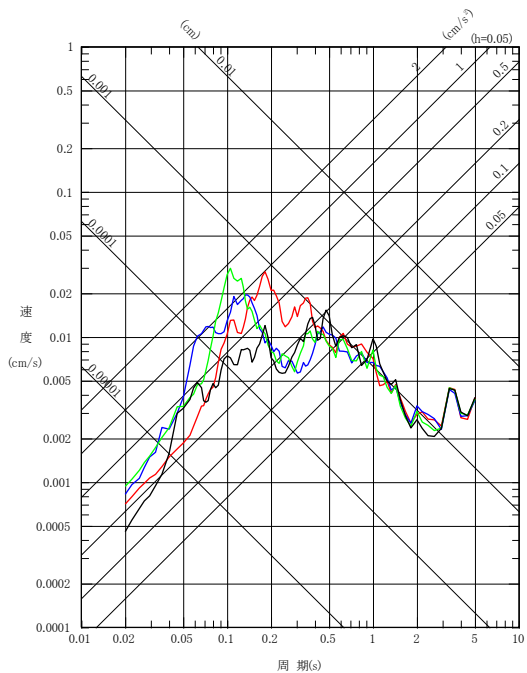


EW方向
加速度時刻歴波形

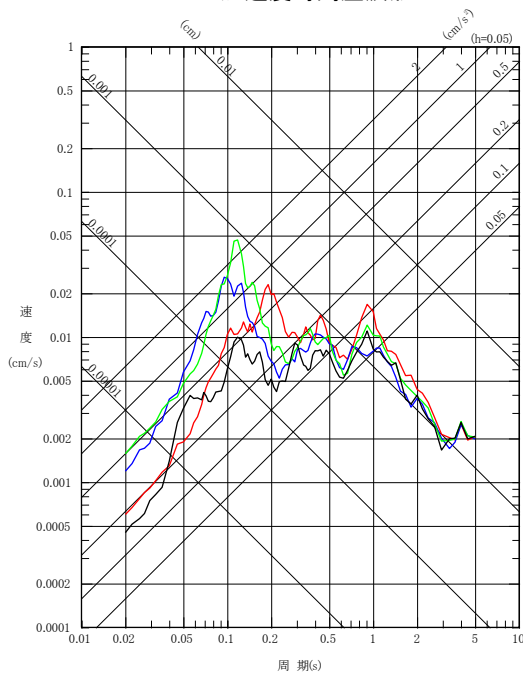


UD方向

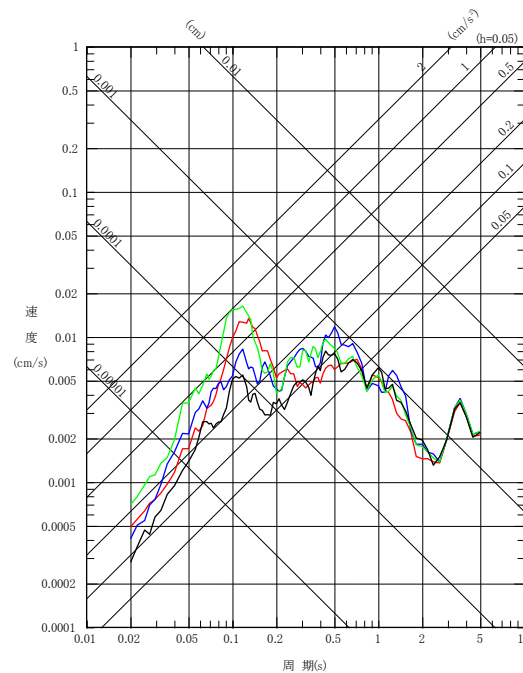
— 観測点1 — 観測点2 — 観測点3 — 観測点4



NS方向

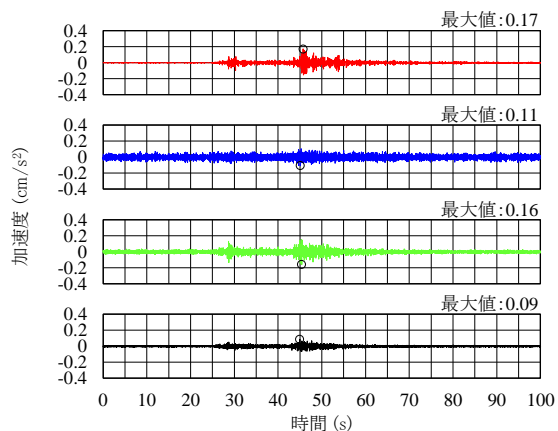


EW方向
擬似速度応答スペクトル

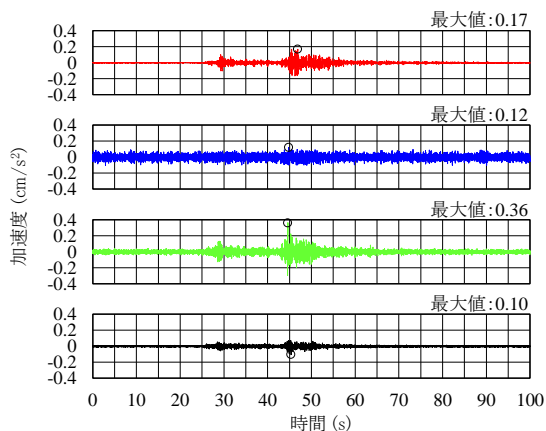


UD方向

No.2

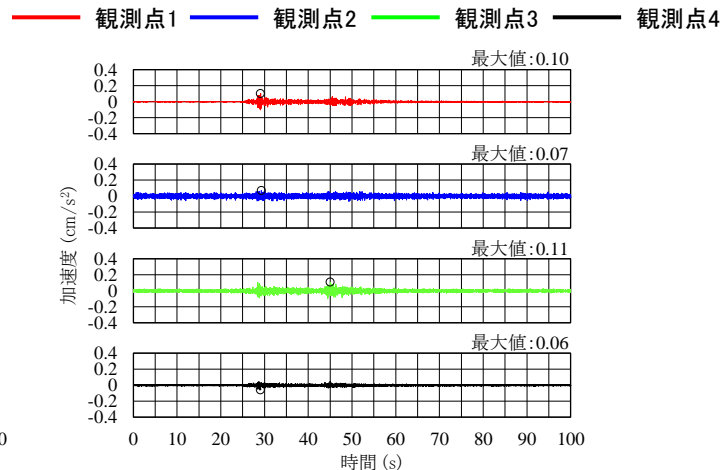


NS方向

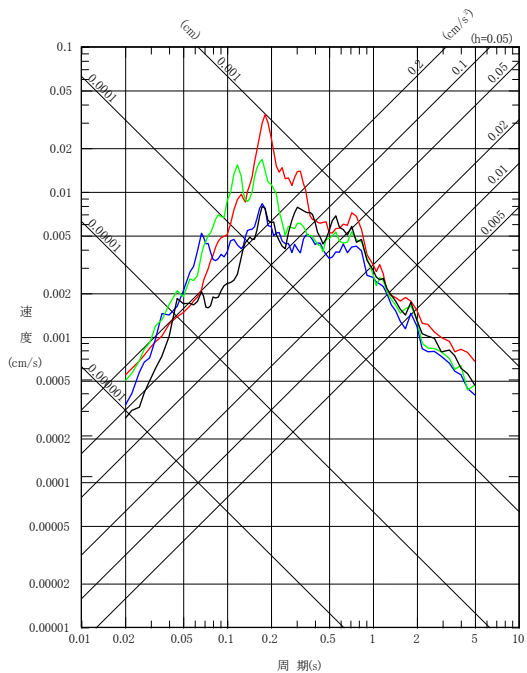


EW方向

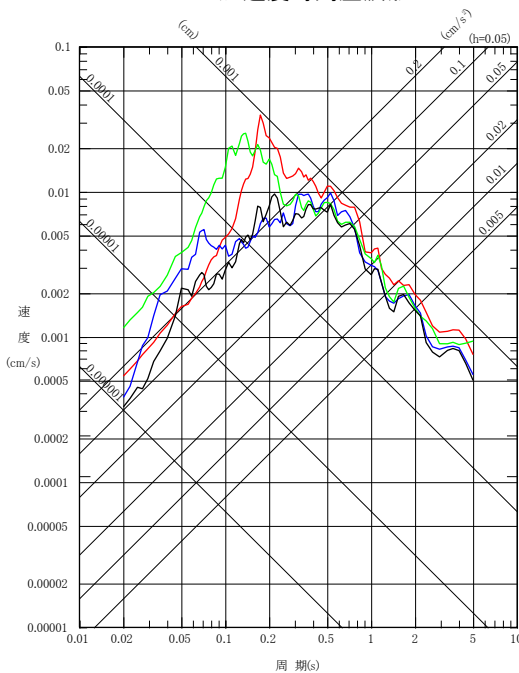
加速度時刻歴波形



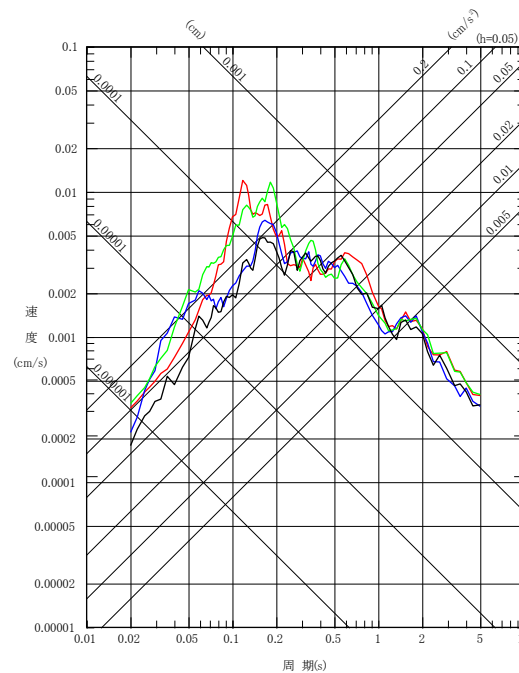
UD方向



NS方向

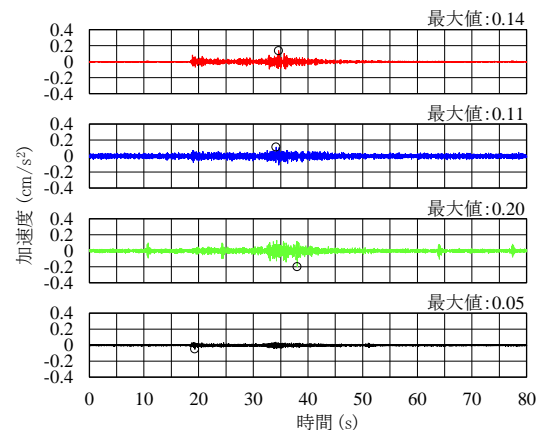
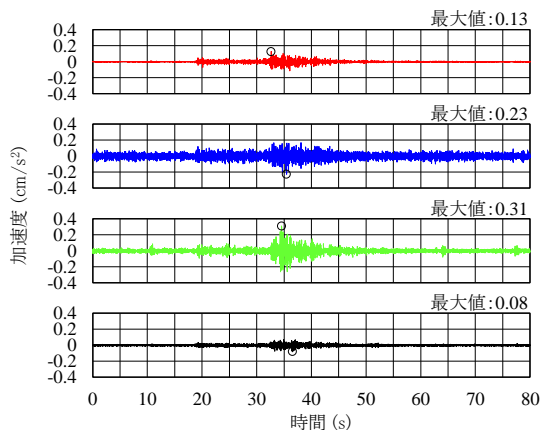
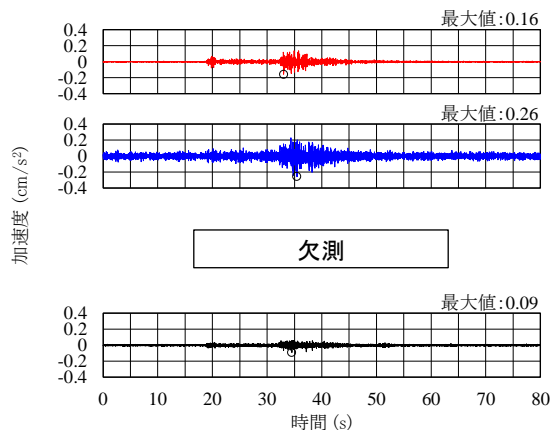


EW方向
擬似速度応答スペクトル

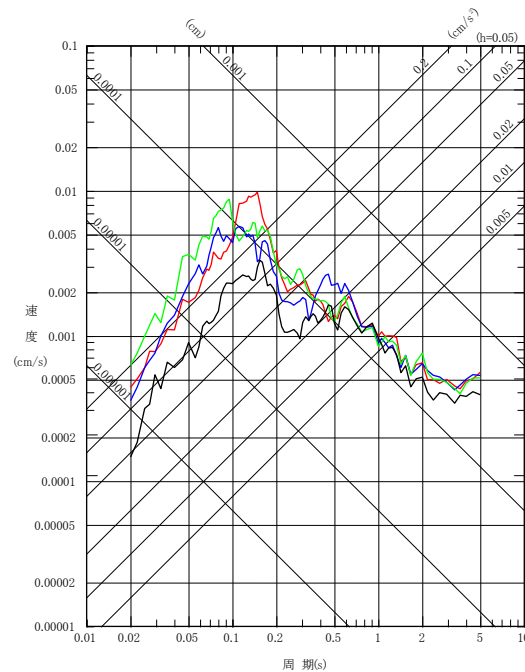
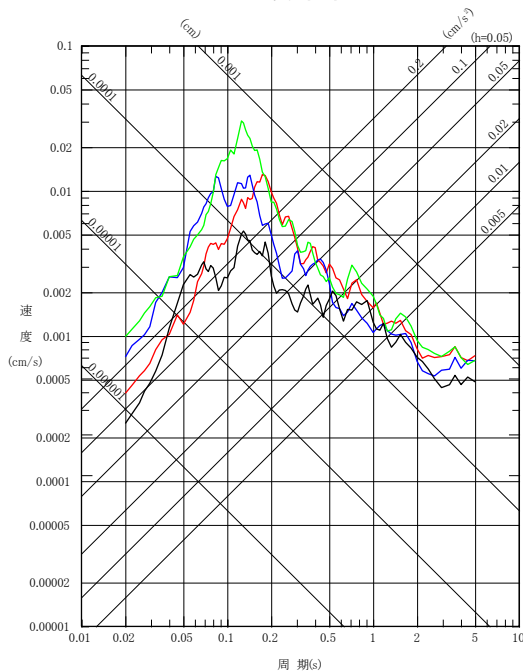
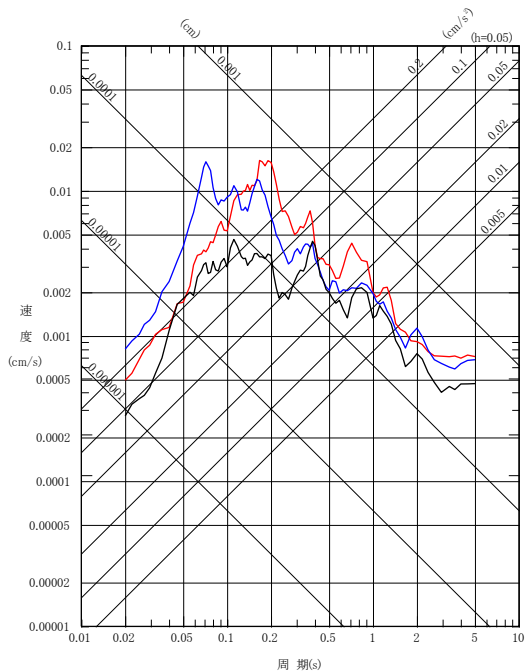


UD方向

No.3

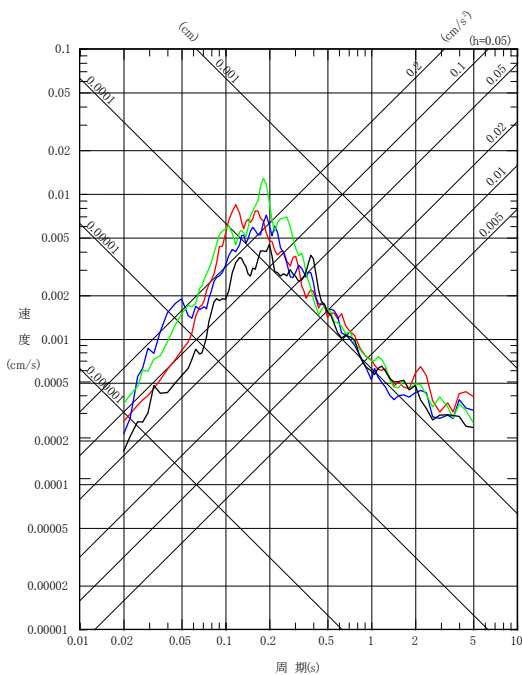
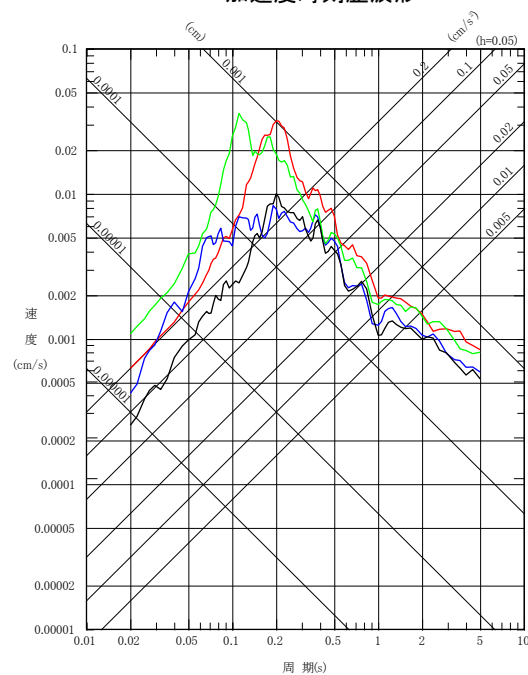
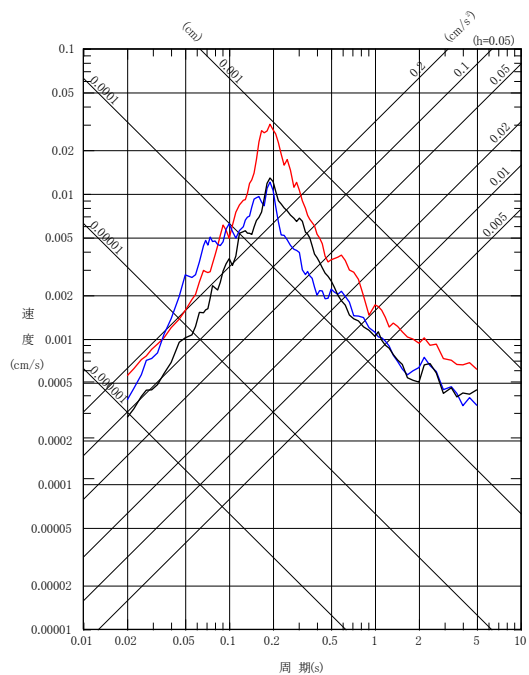
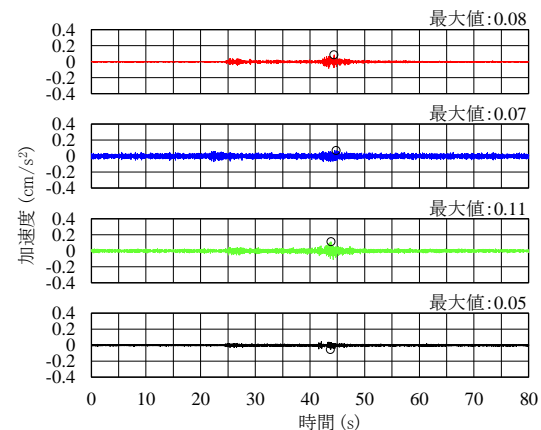
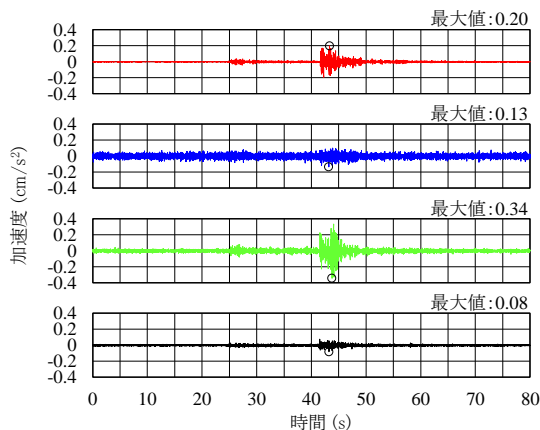
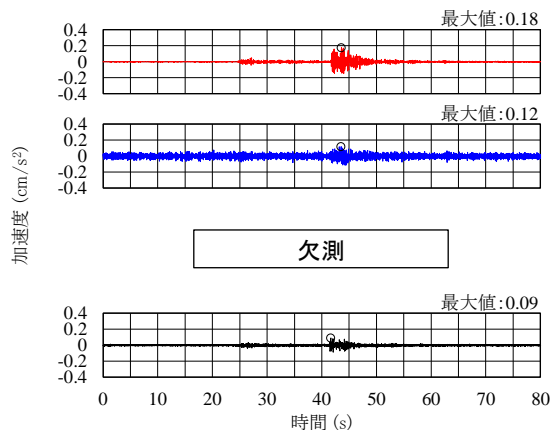


加速度時刻歴波形



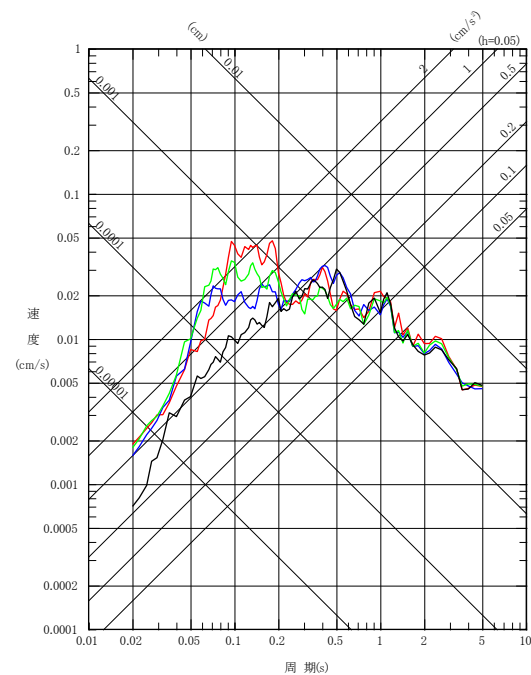
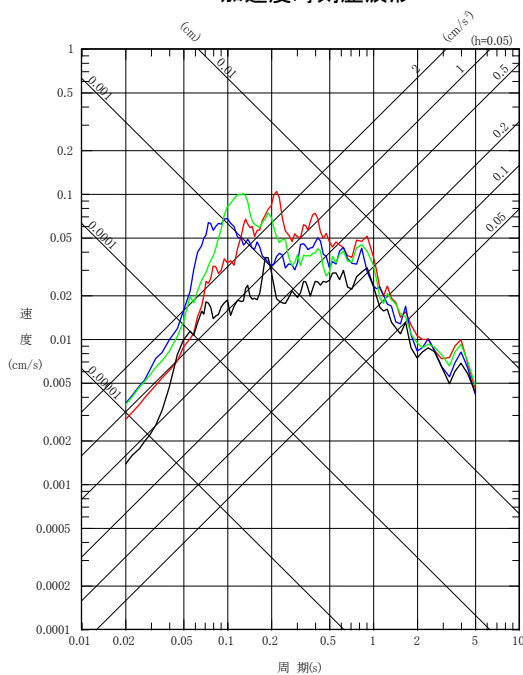
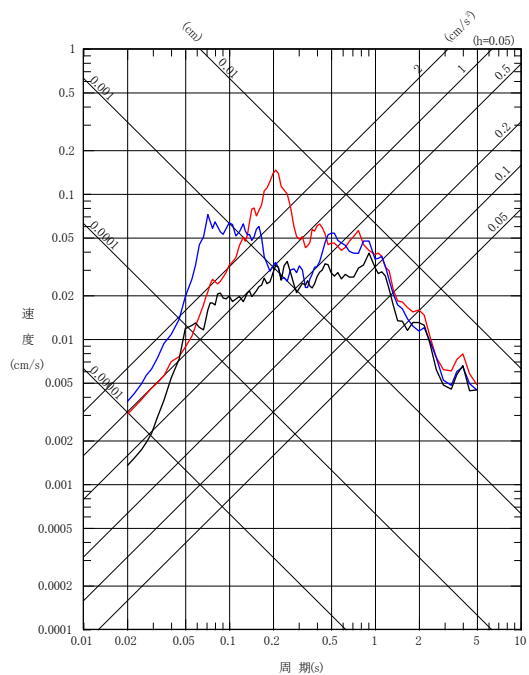
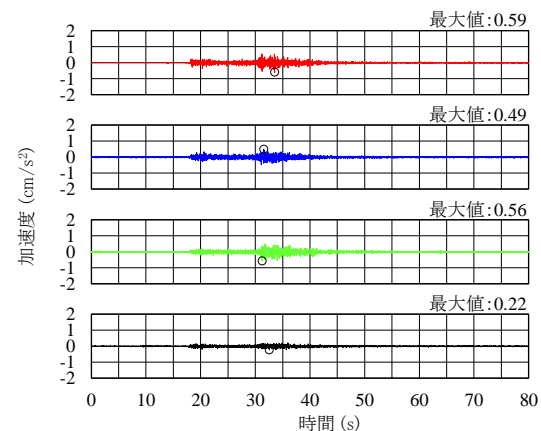
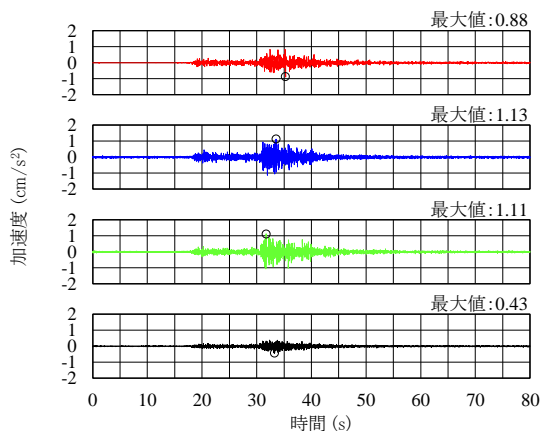
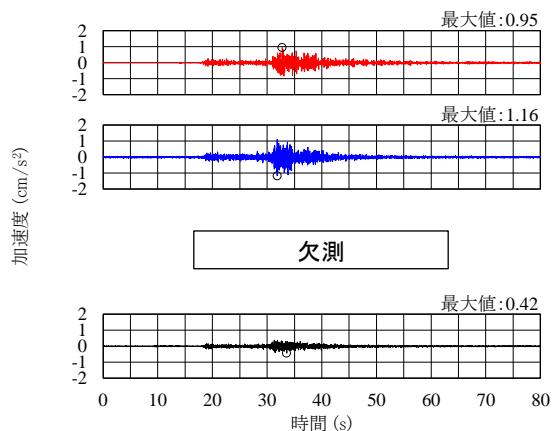
擬似速度応答スペクトル

No.4



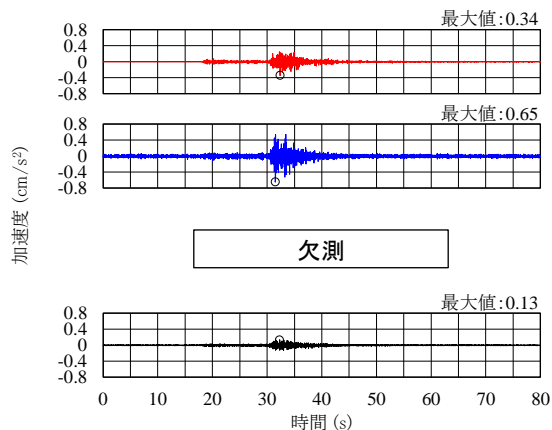
擬似速度応答スペクトル

No.5

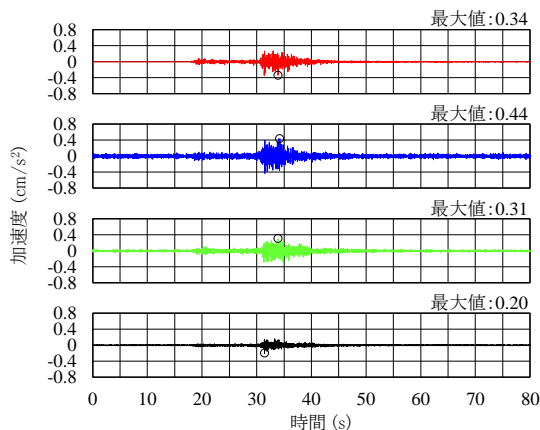


擬似速度応答スペクトル

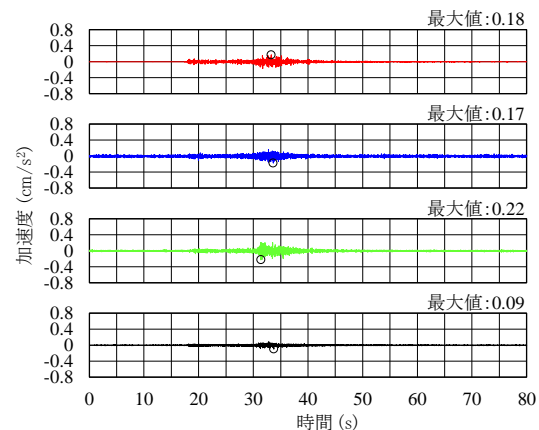
No.6



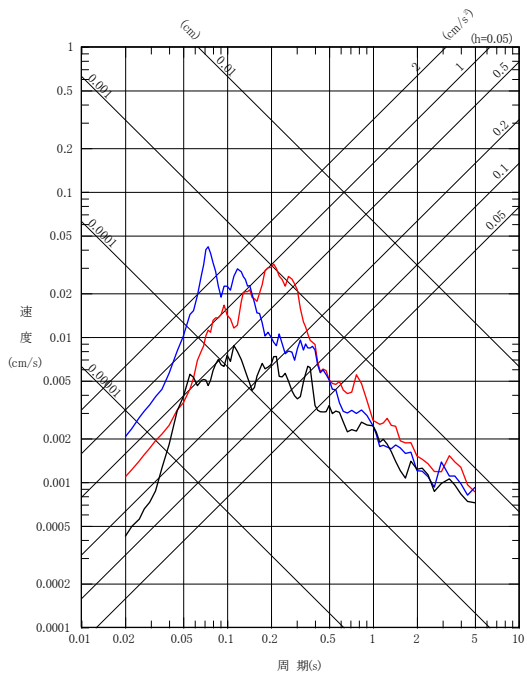
NS方向



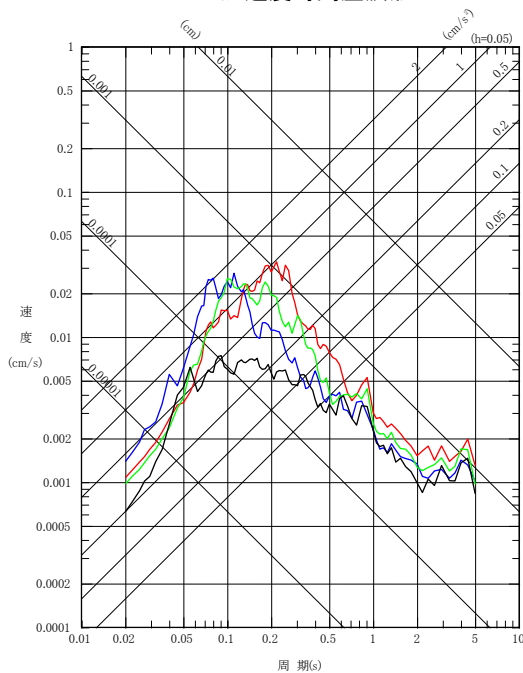
EW方向
加速度時刻歴波形



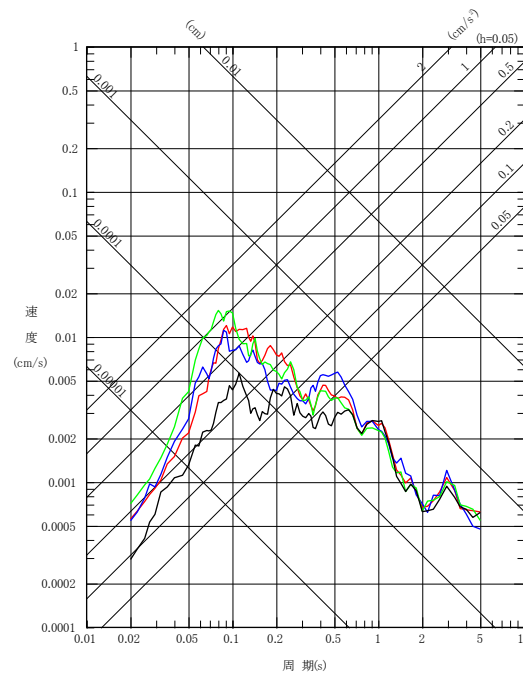
UD方向



NS方向

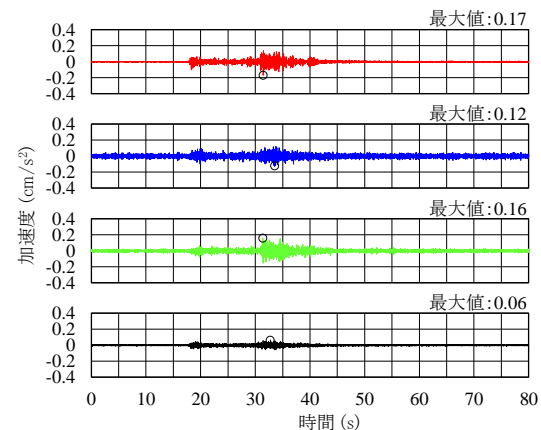
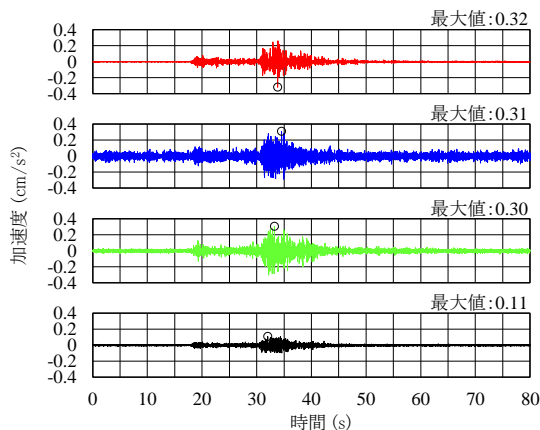
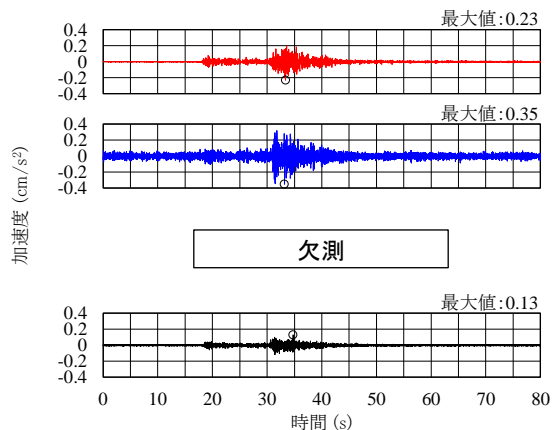


EW方向
擬似速度応答スペクトル

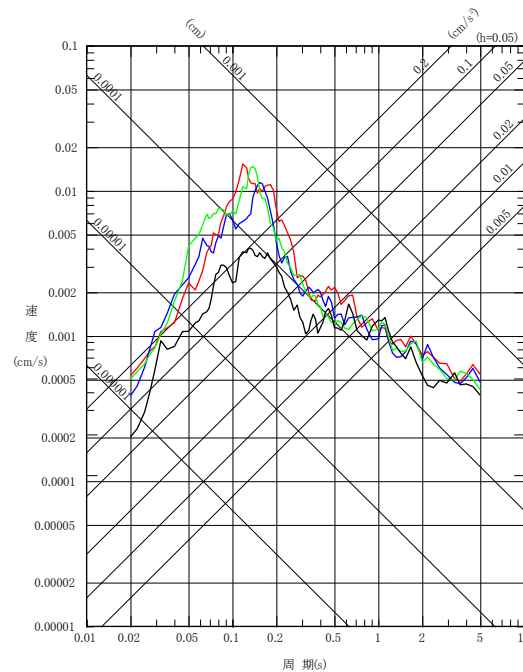
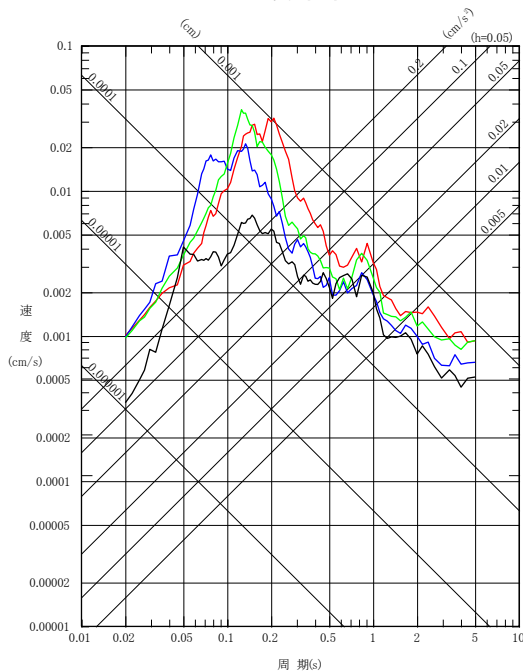
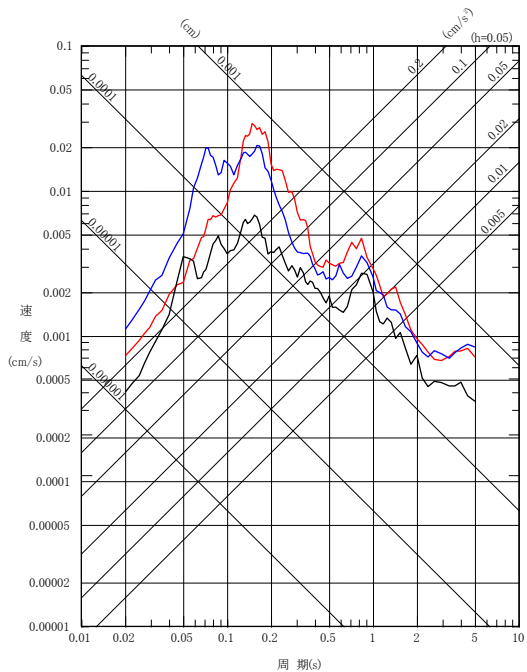


UD方向

No.7

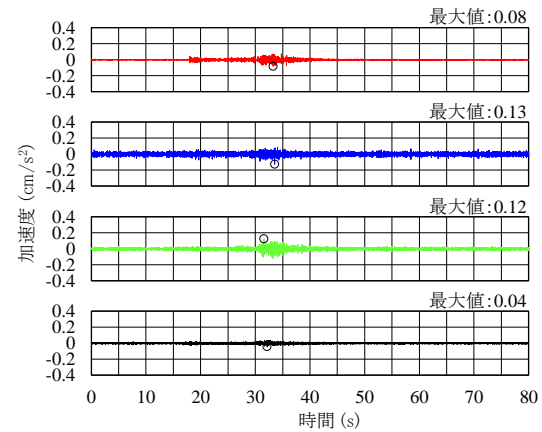
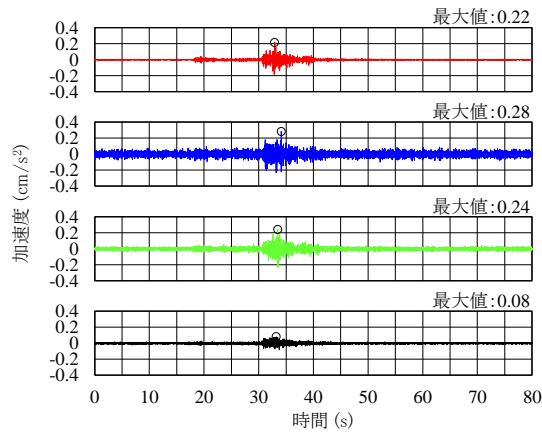
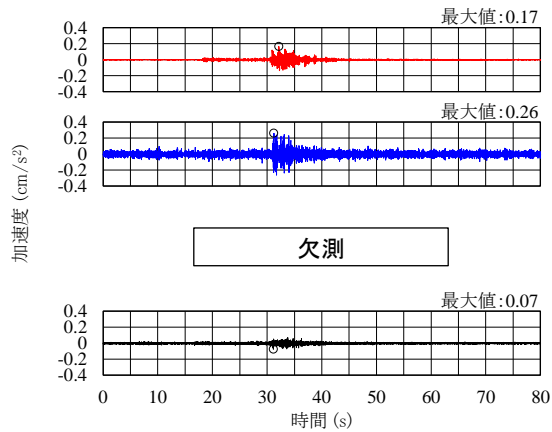


加速度時刻歴波形

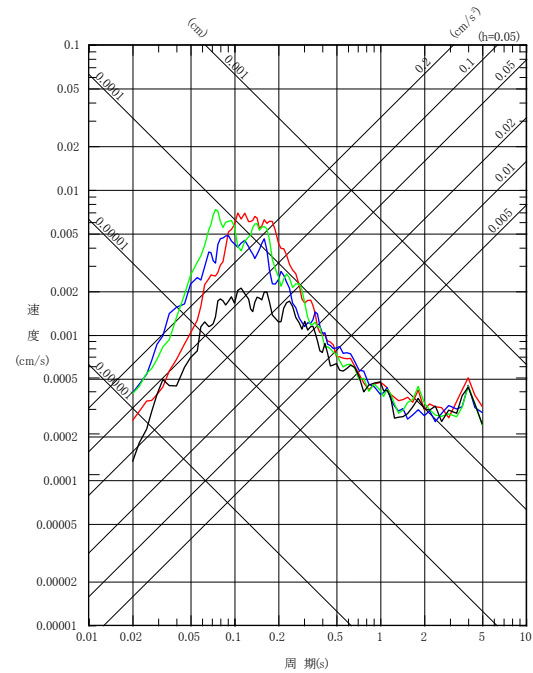
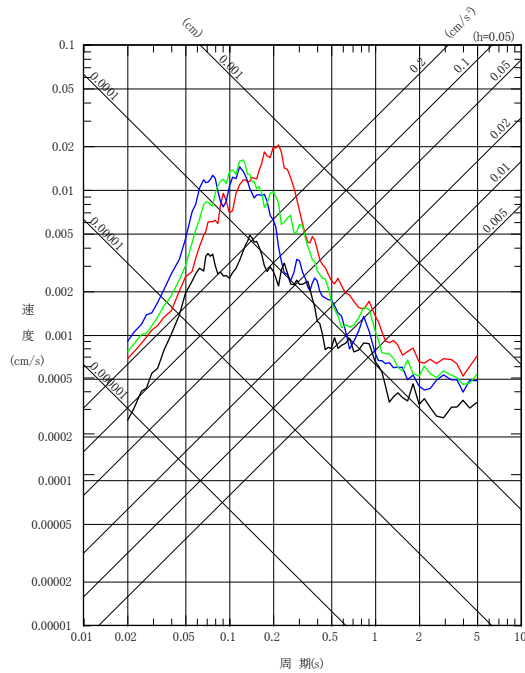
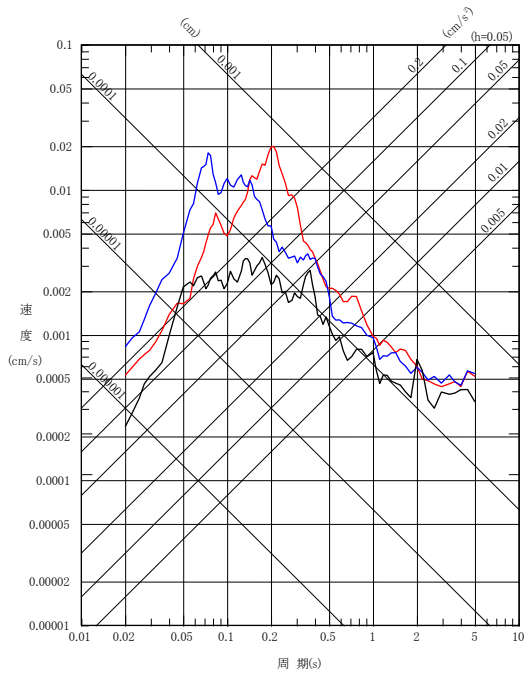


擬似速度応答スペクトル

No.8

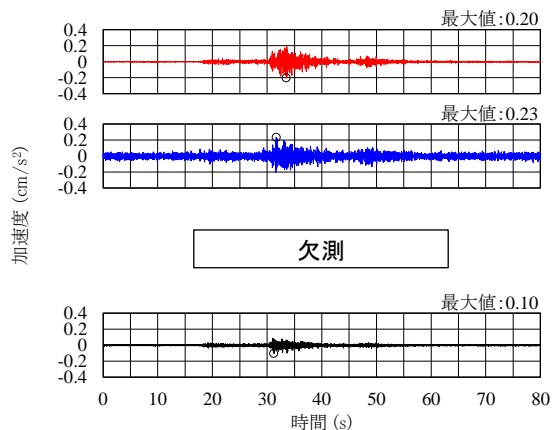


加速度時刻歴波形

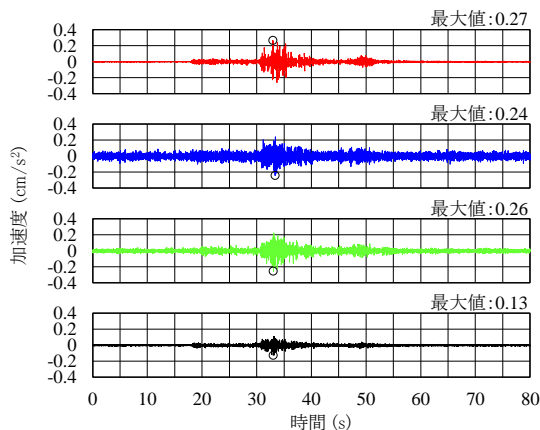


擬似速度応答スペクトル

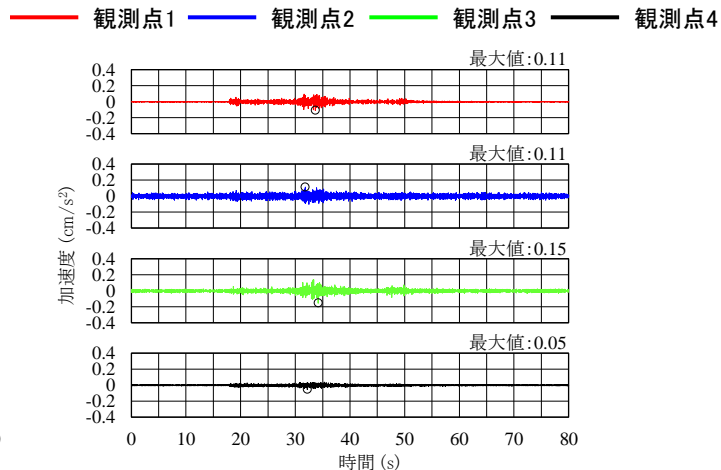
No.9



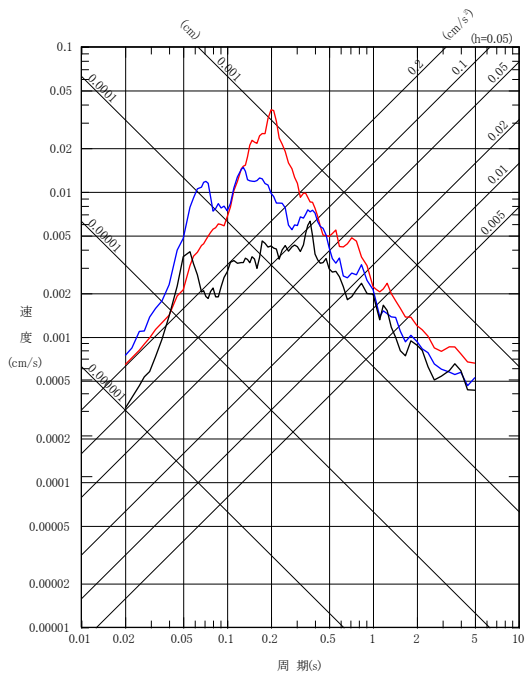
NS方向



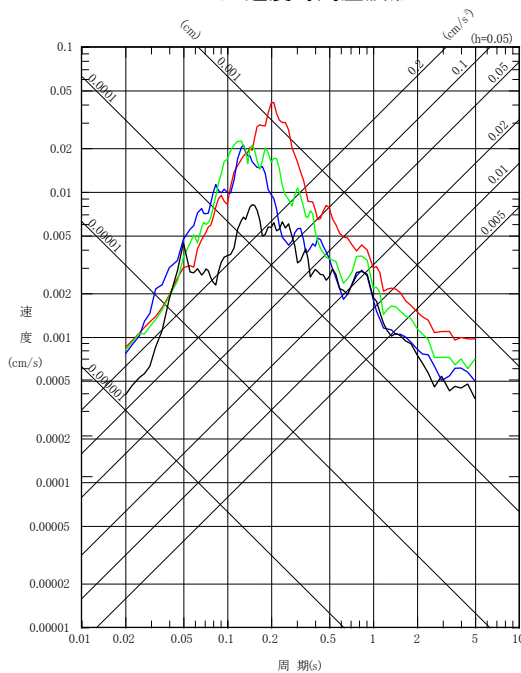
EW方向
加速度時刻歴波形



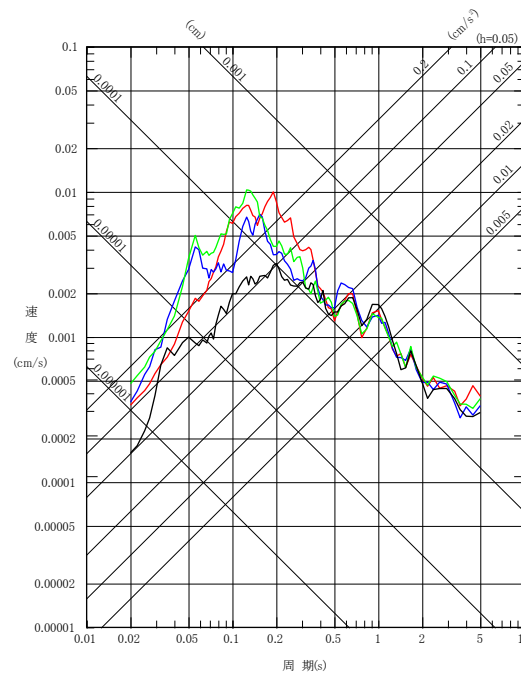
UD方向



NS方向

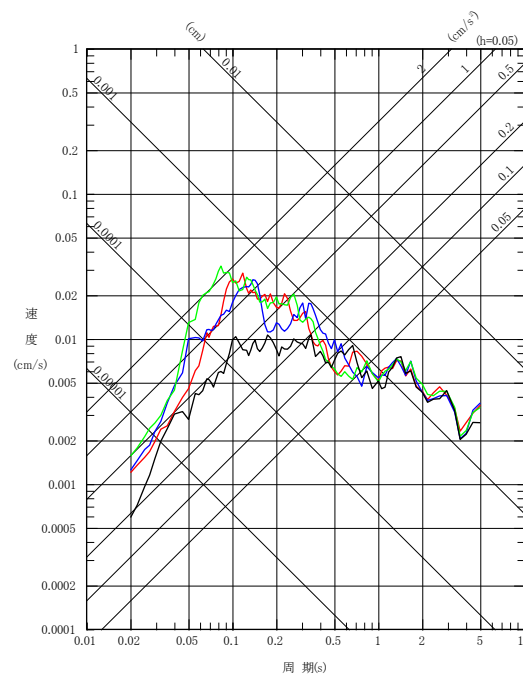
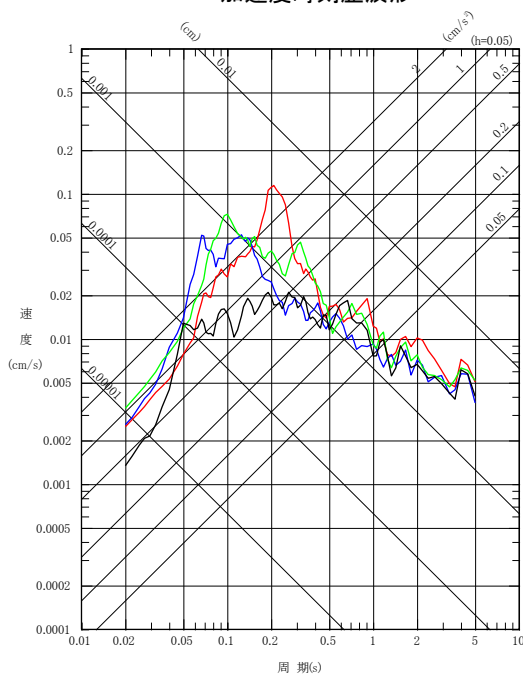
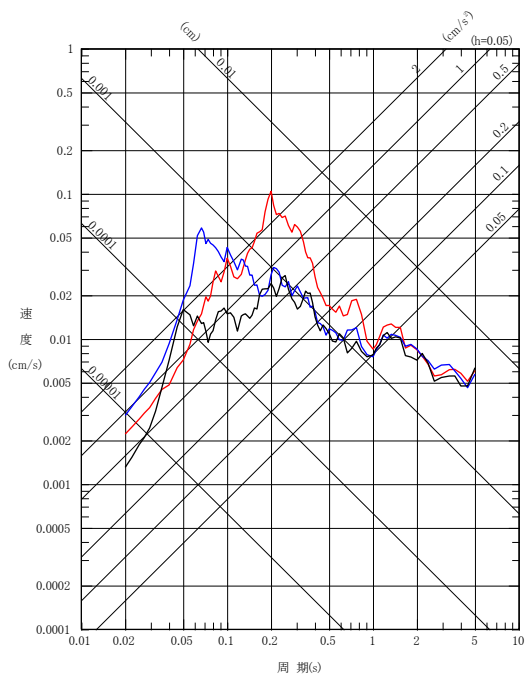
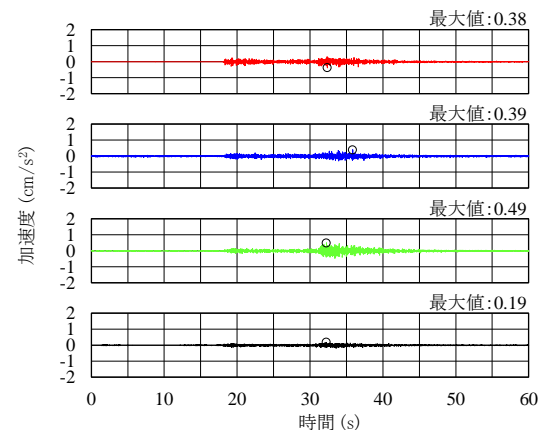
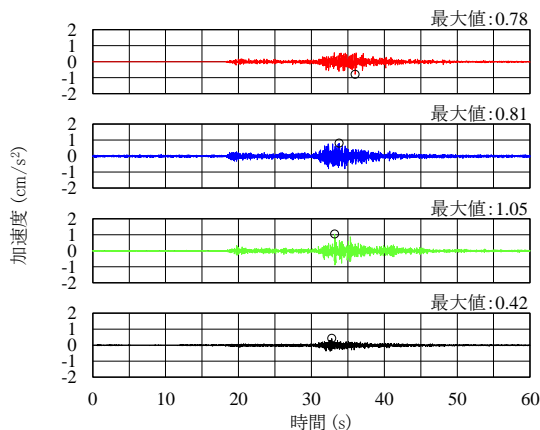
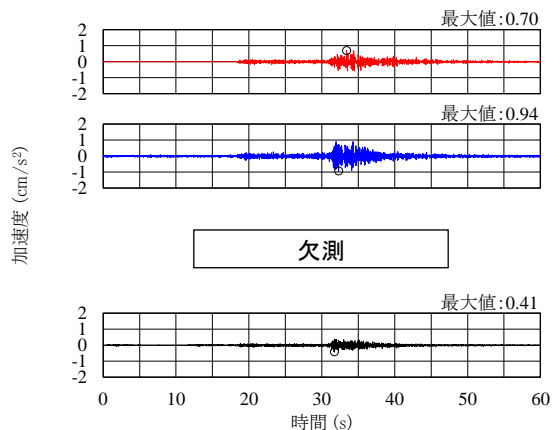


EW方向
擬似速度応答スペクトル



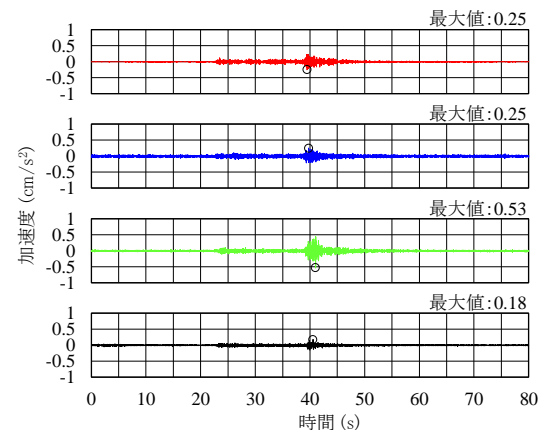
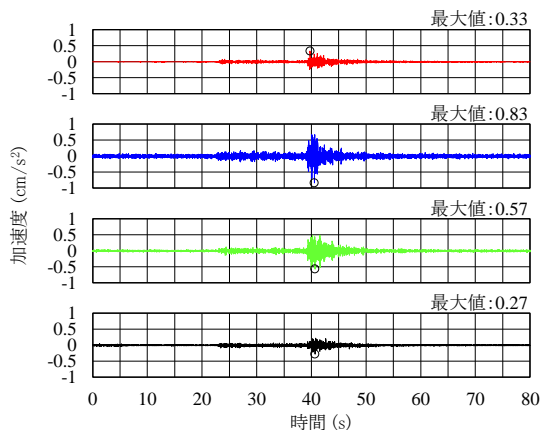
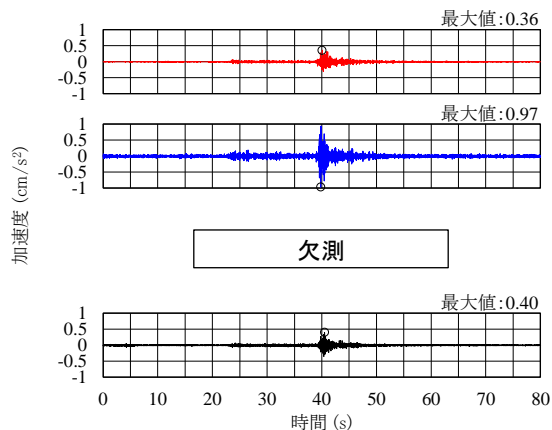
UD方向

No.10

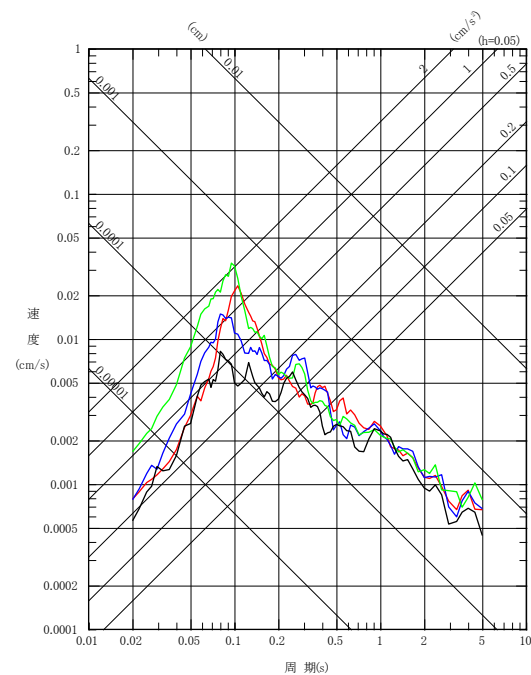
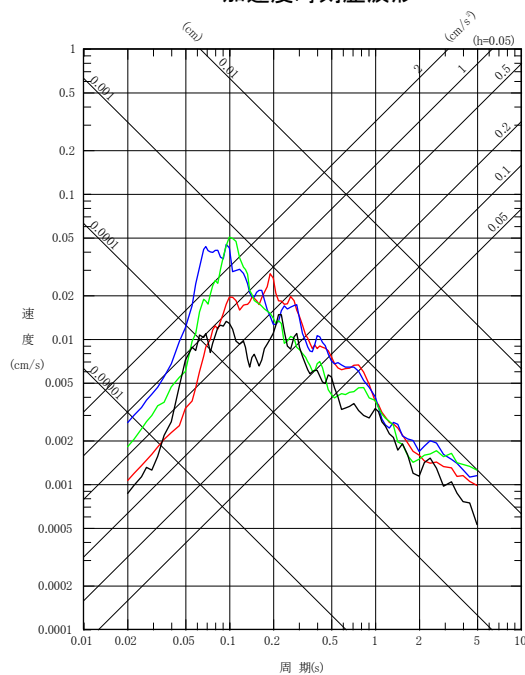
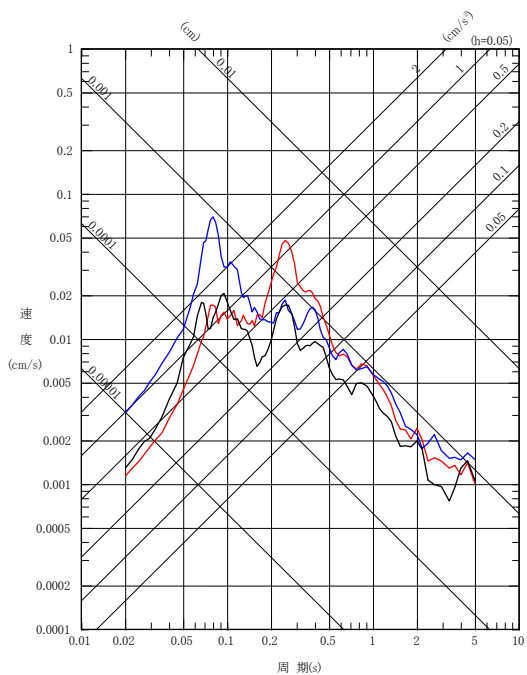


擬似速度応答スペクトル

No.11

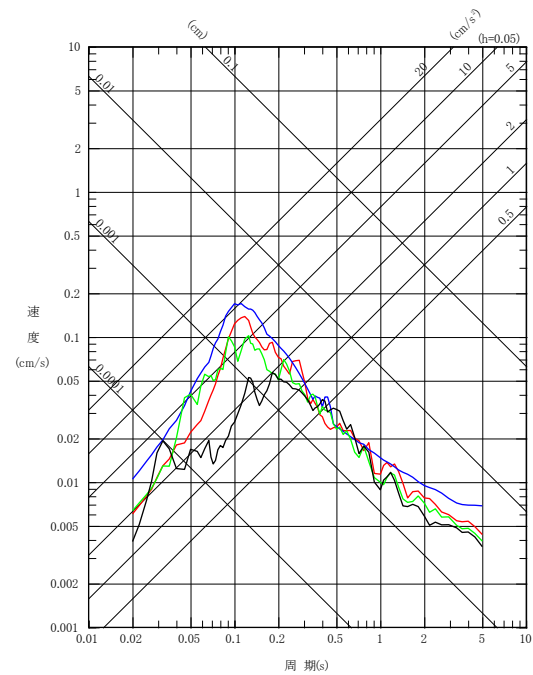
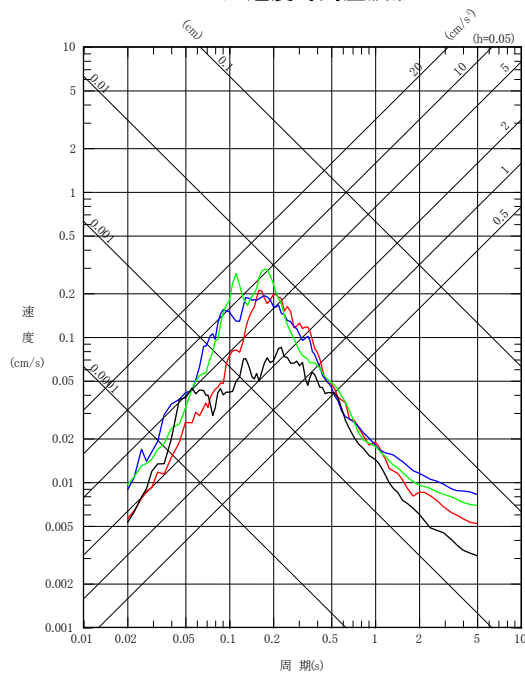
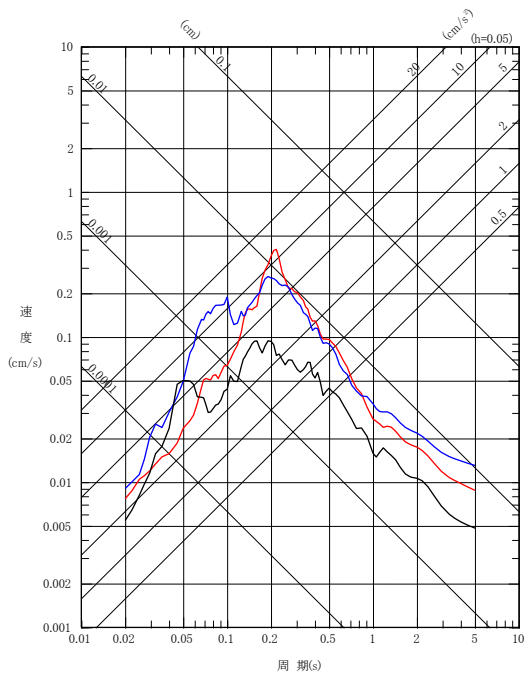
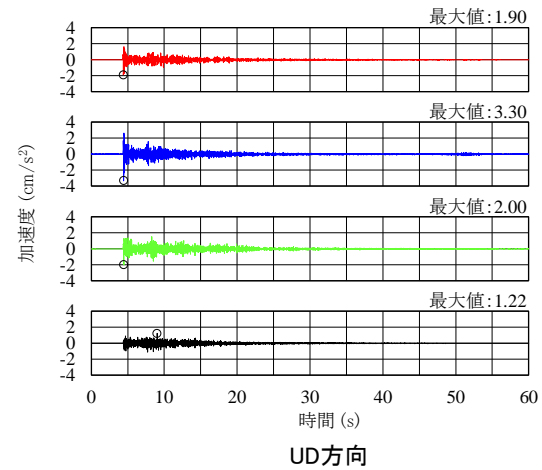
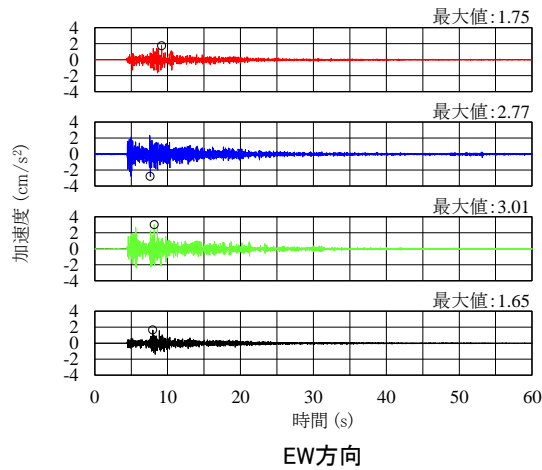
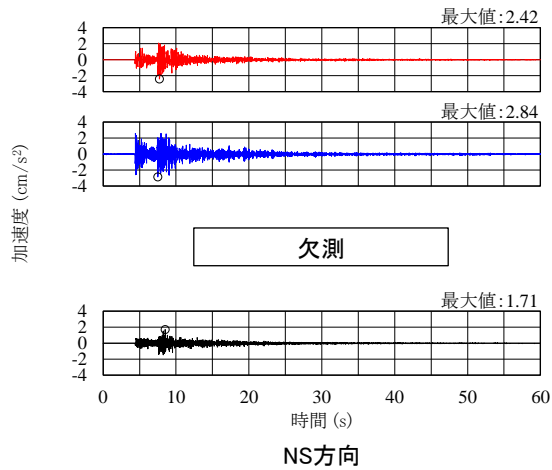


加速度時刻歴波形



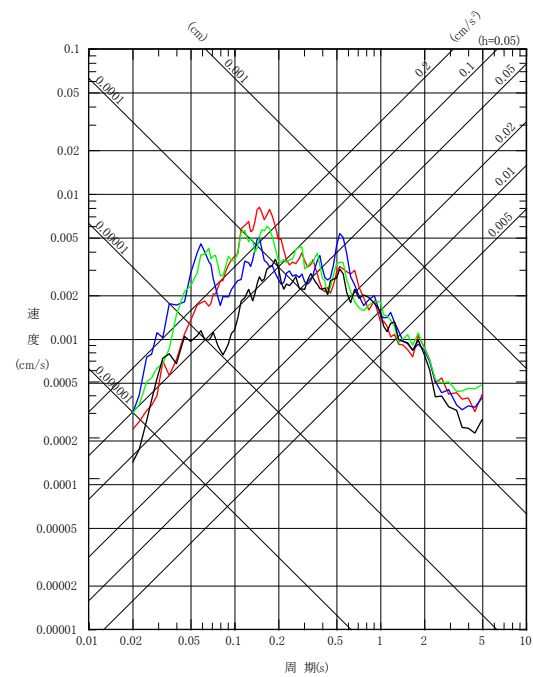
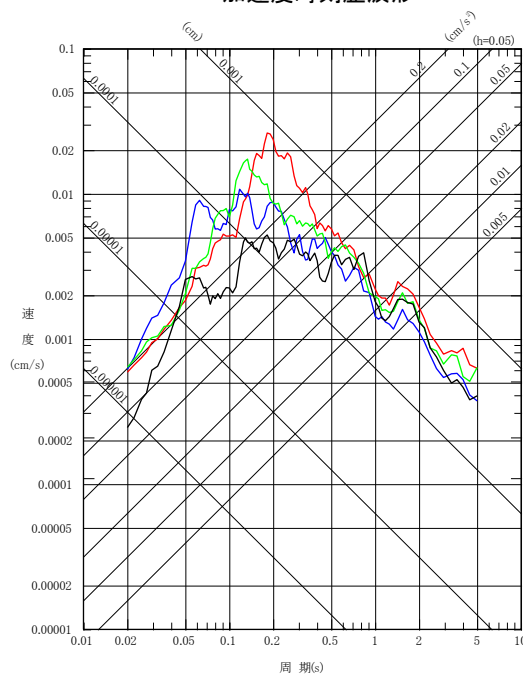
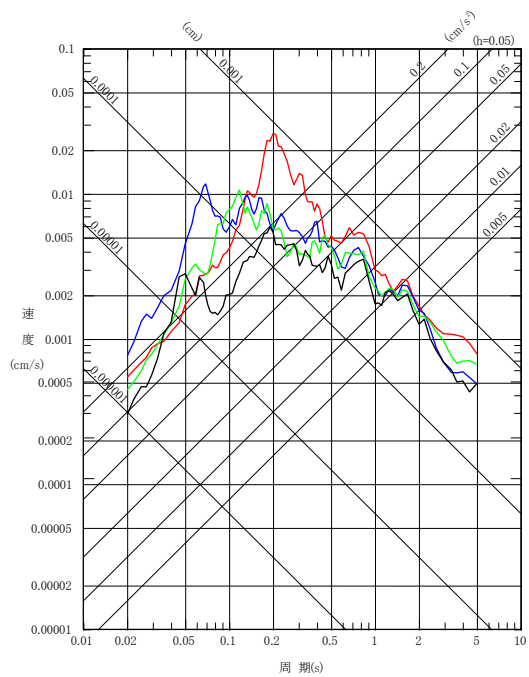
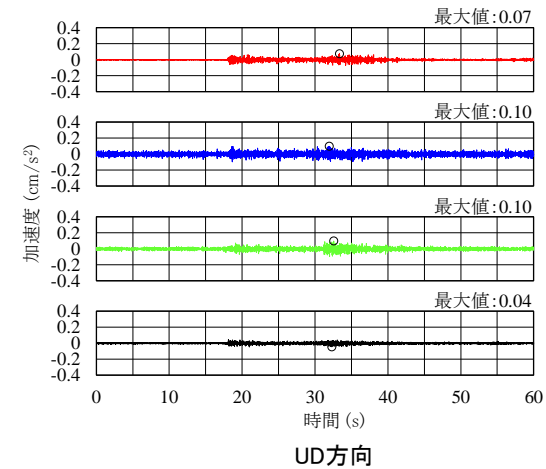
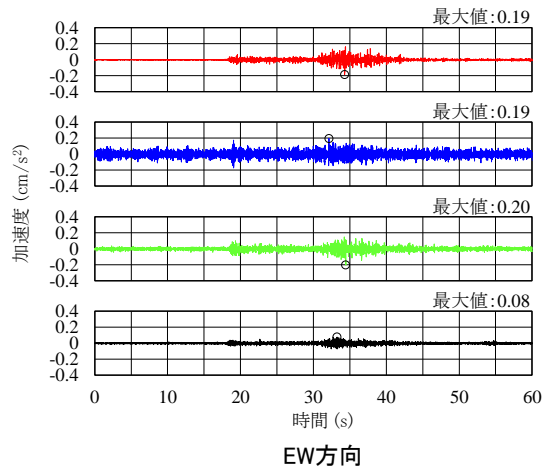
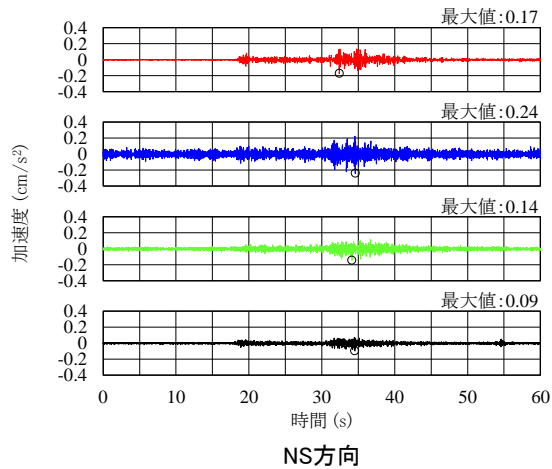
擬似速度応答スペクトル

No.12



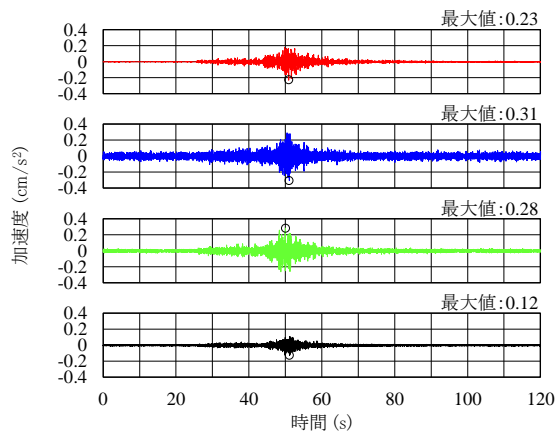
擬似速度応答スペクトル

No.13

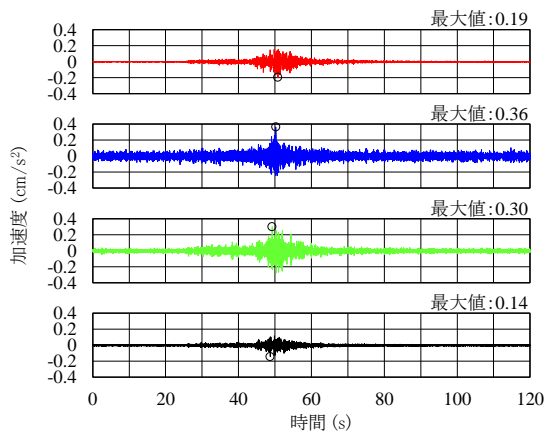


EW方向
擬似速度応答スペクトル

No.14

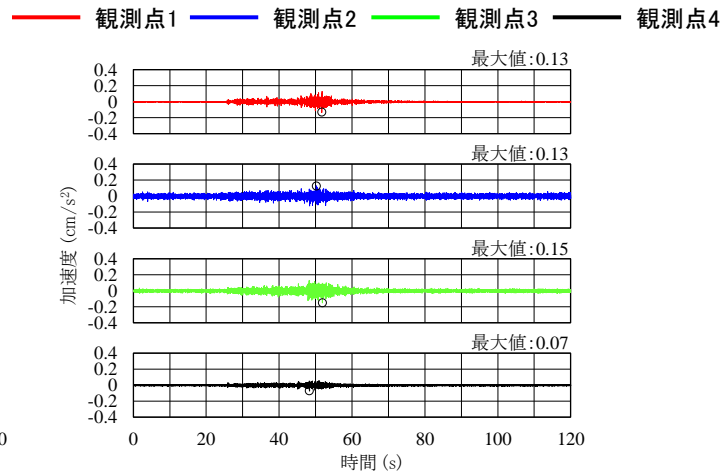


NS方向

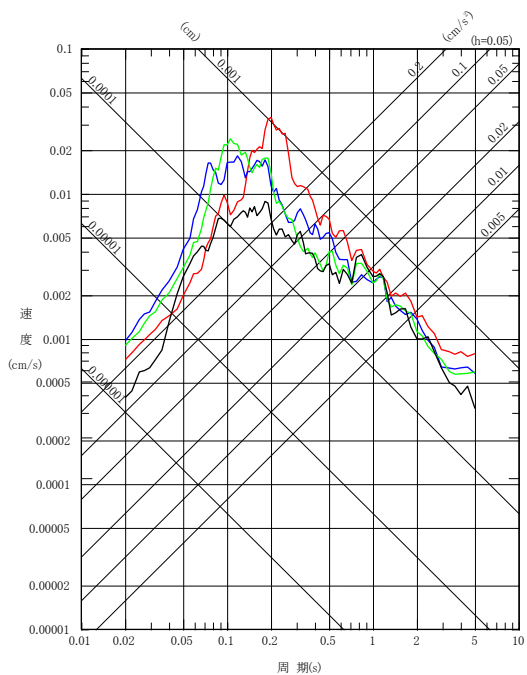


EW方向

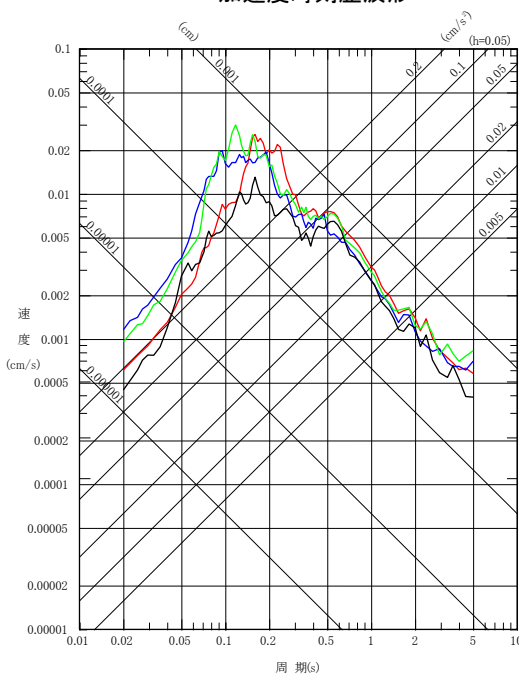
加速度時刻歴波形



UD方向

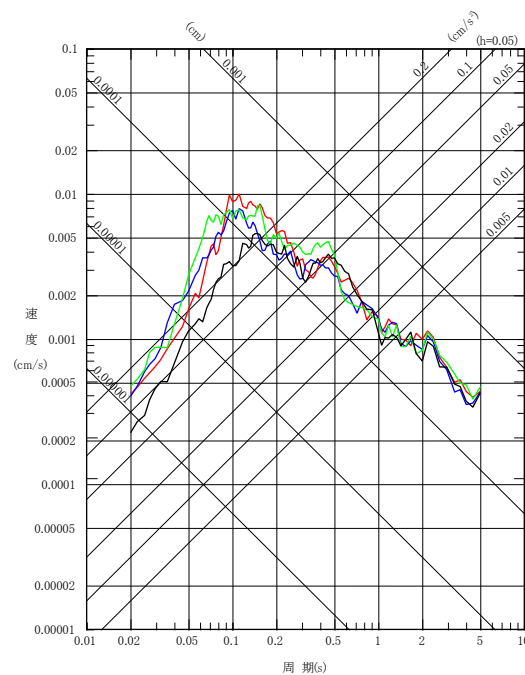


NS方向



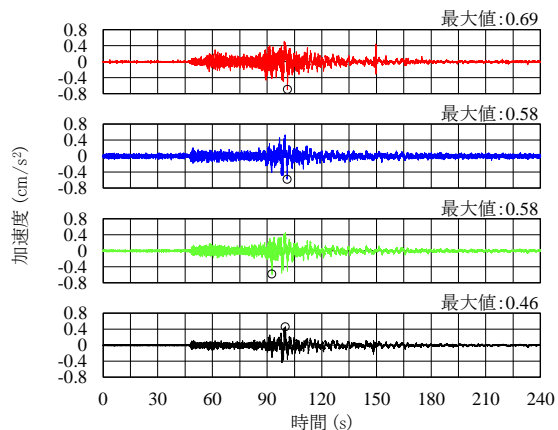
EW方向

擬似速度応答スペクトル

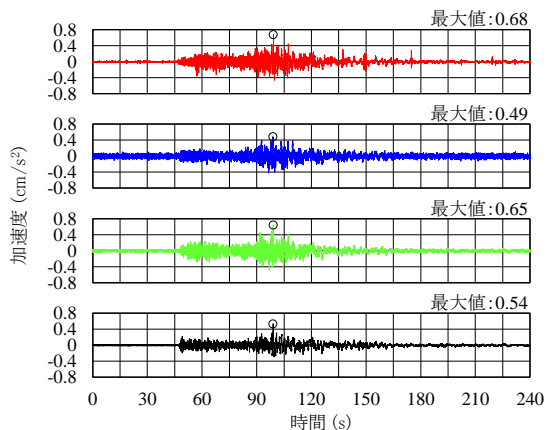


UD方向

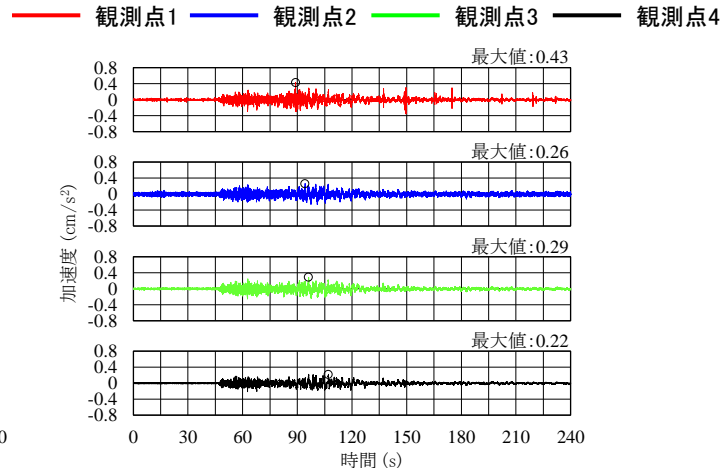
No.15



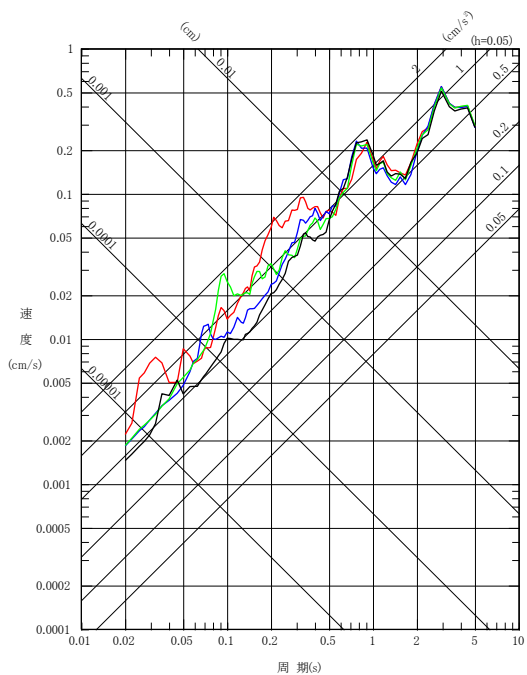
NS方向



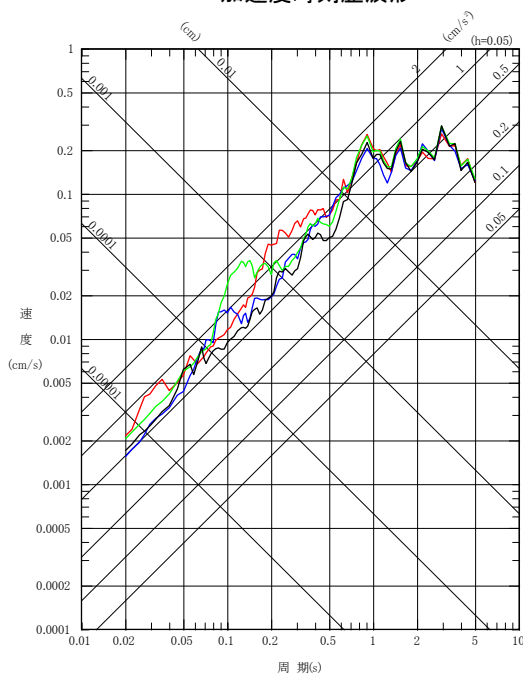
EW方向
加速度時刻歴波形



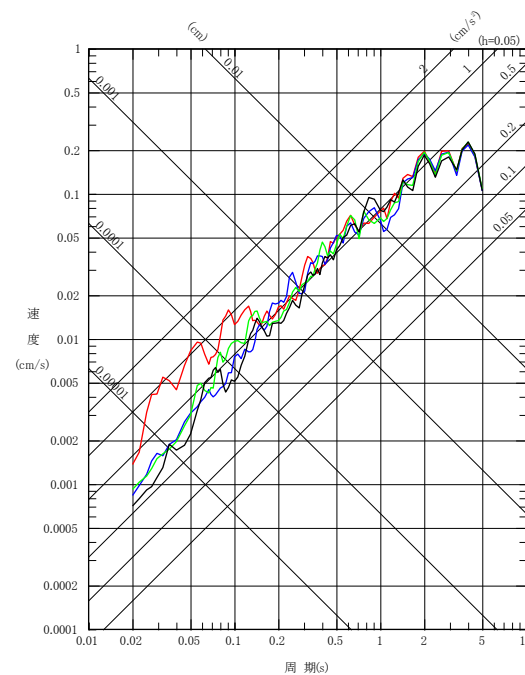
UD方向



NS方向

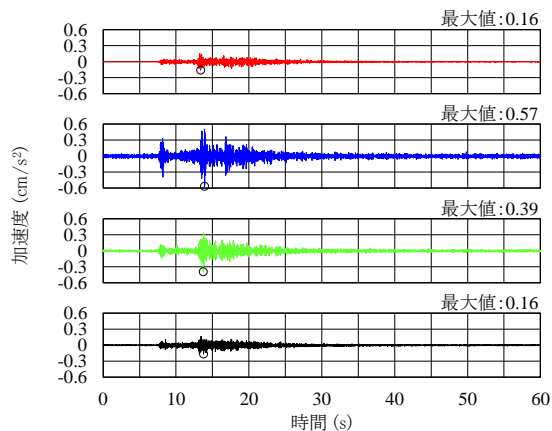


EW方向
擬似速度応答スペクトル

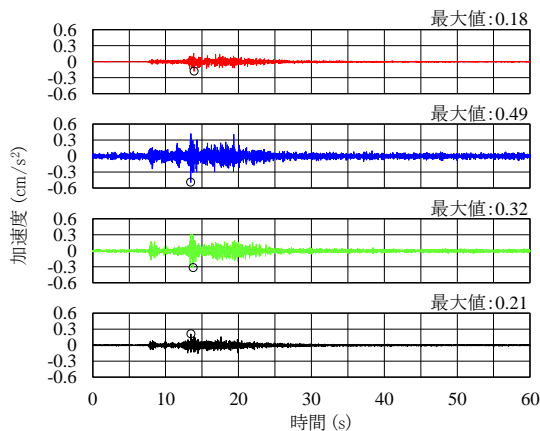


UD方向

No.16



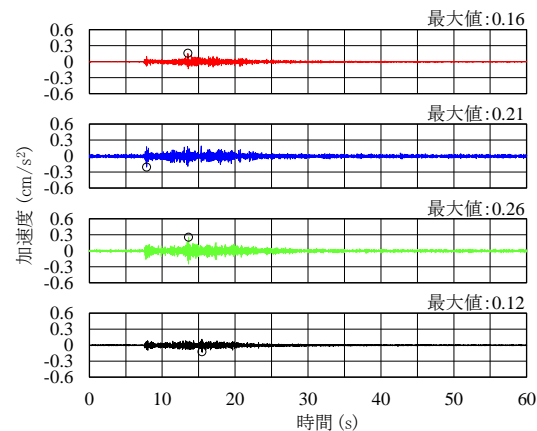
NS方向



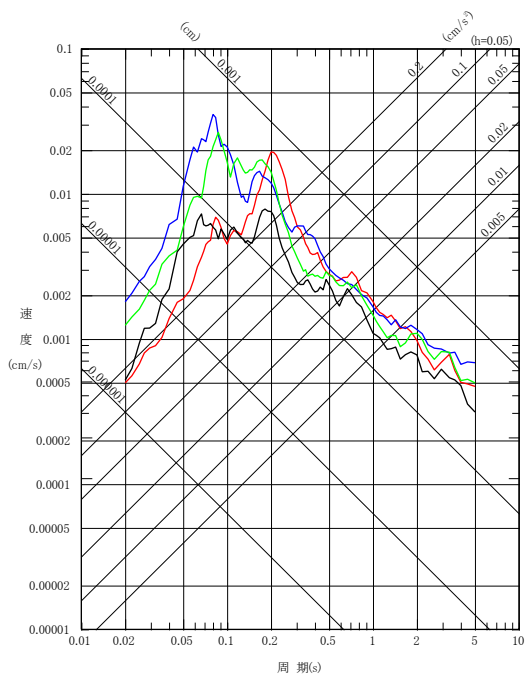
EW方向

加速度時刻歴波形

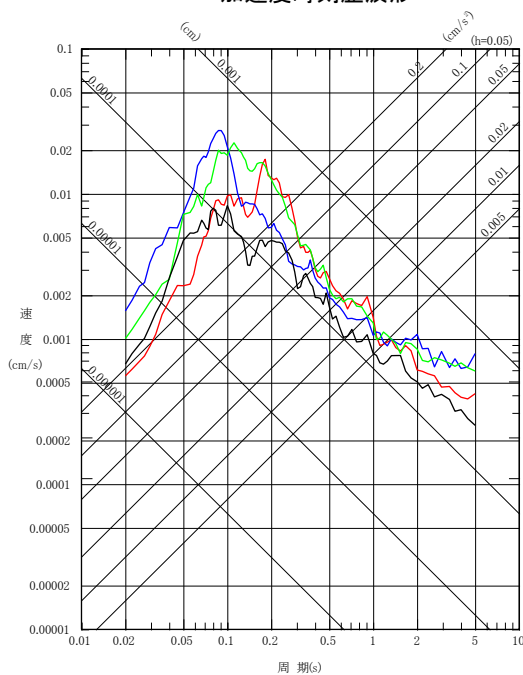
— 観測点1 — 観測点2 — 観測点3 — 観測点4



UD方向

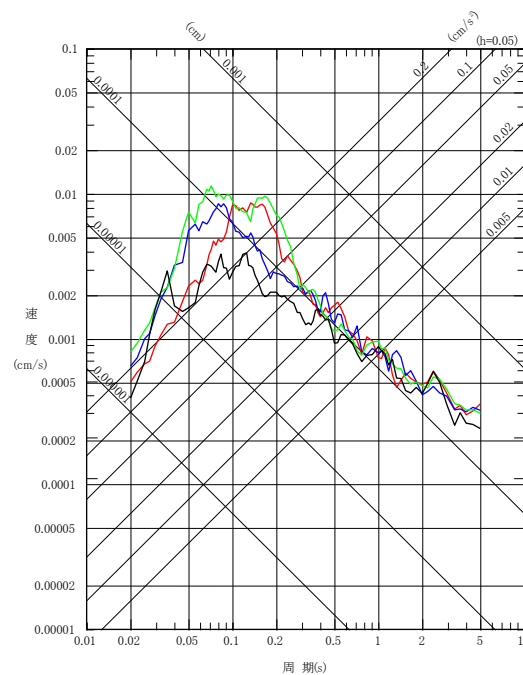


NS方向



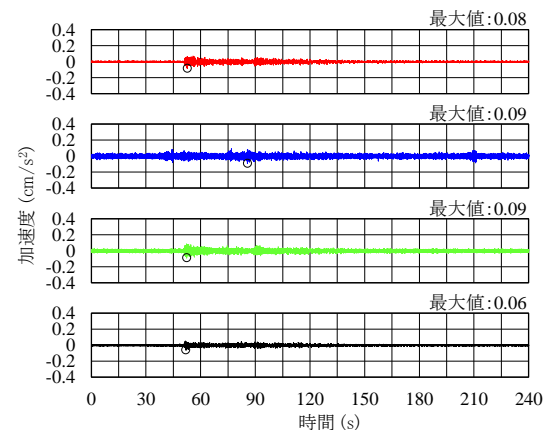
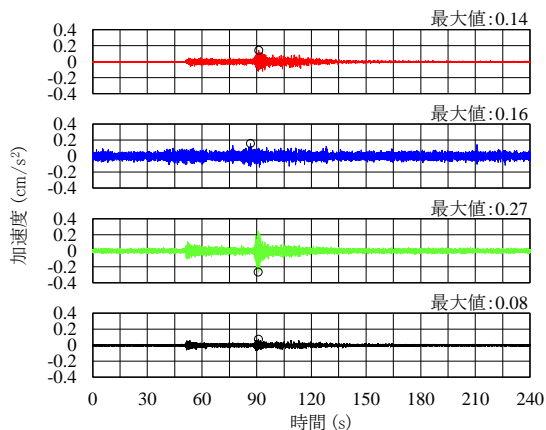
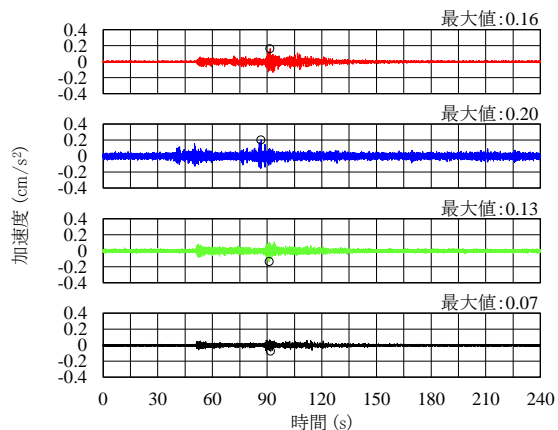
EW方向

擬似速度応答スペクトル

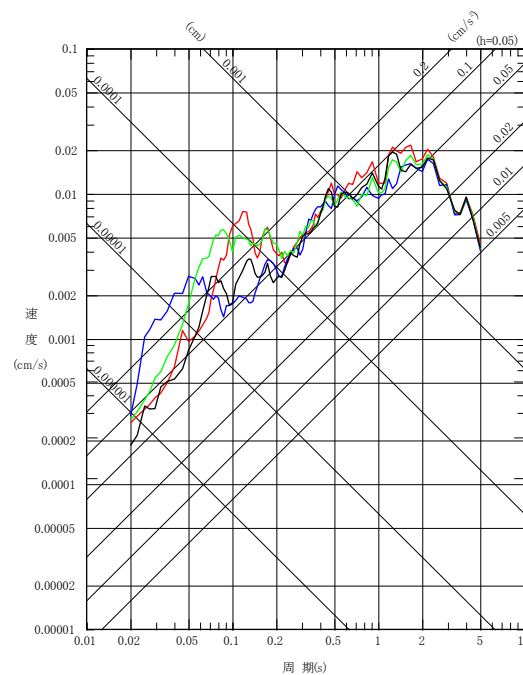
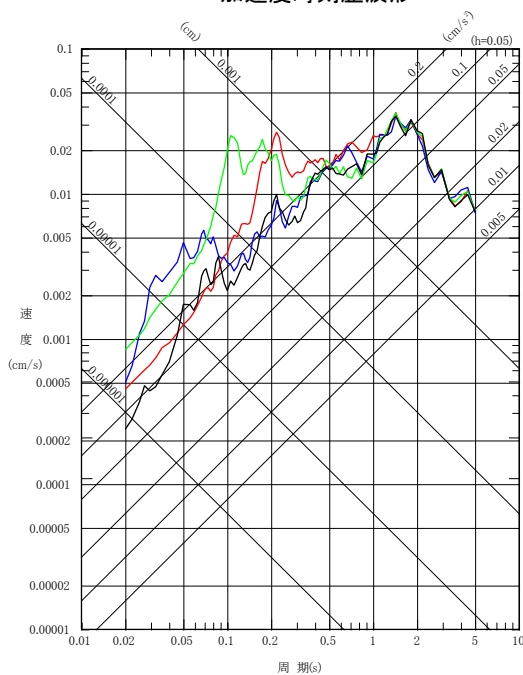
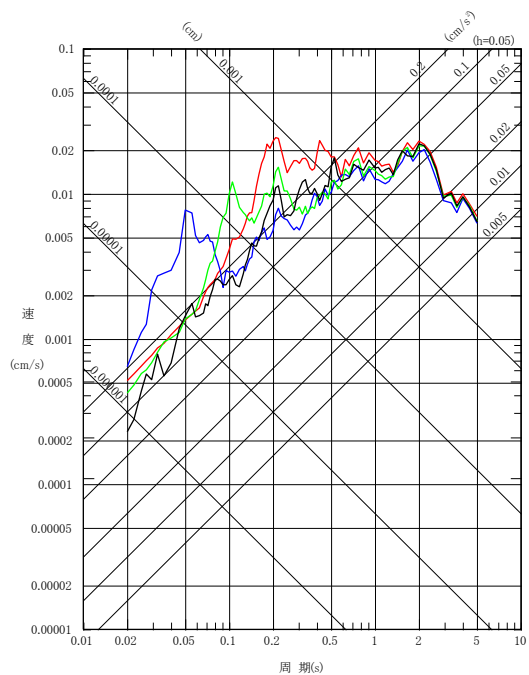


UD方向

No.17

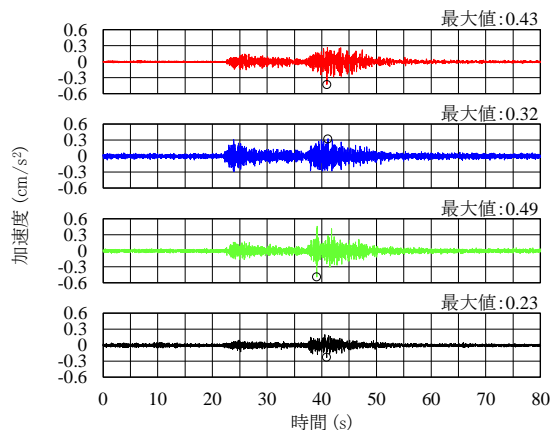


— 観測点1 — 観測点2 — 観測点3 — 観測点4

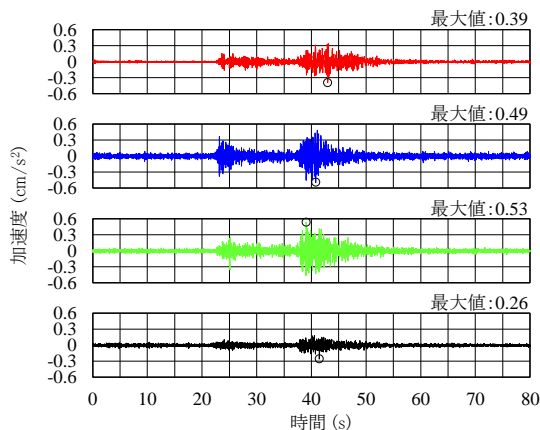


EW方向
擬似速度応答スペクトル

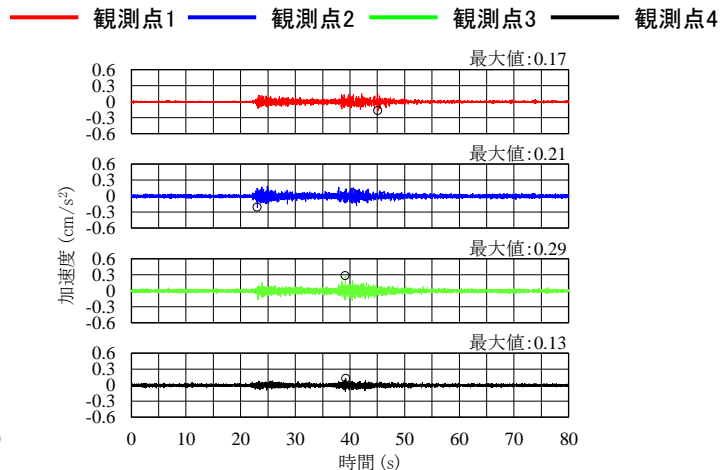
No.18



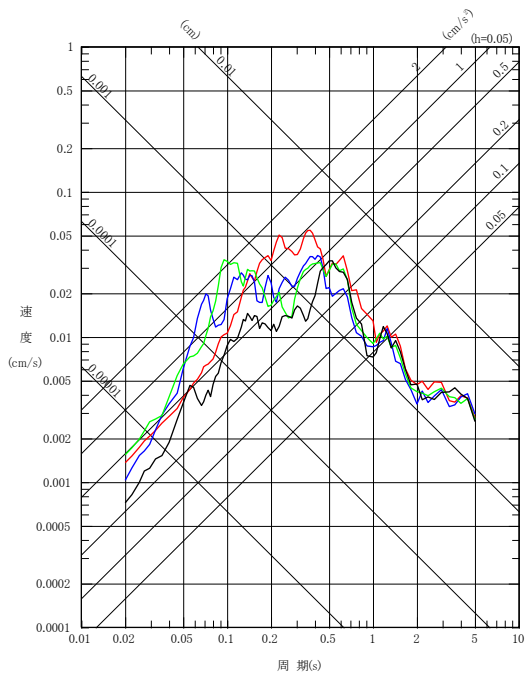
NS方向



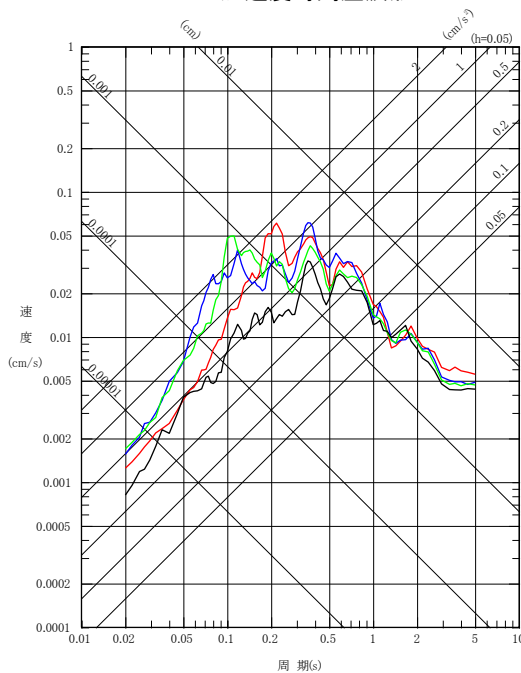
EW方向
加速度時刻歴波形



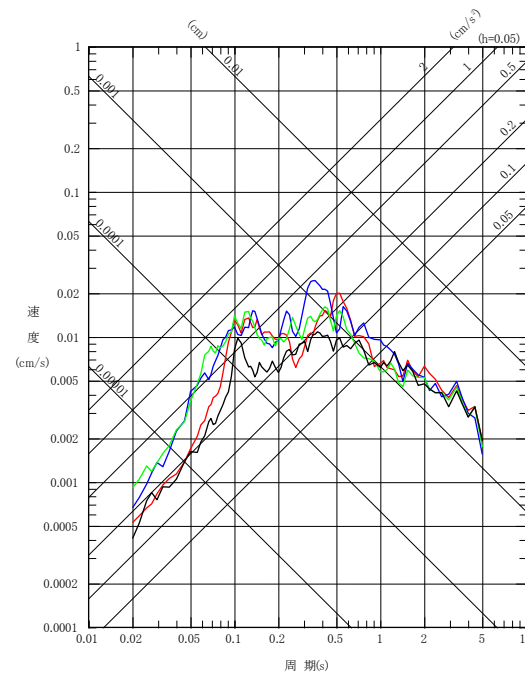
UD方向



NS方向

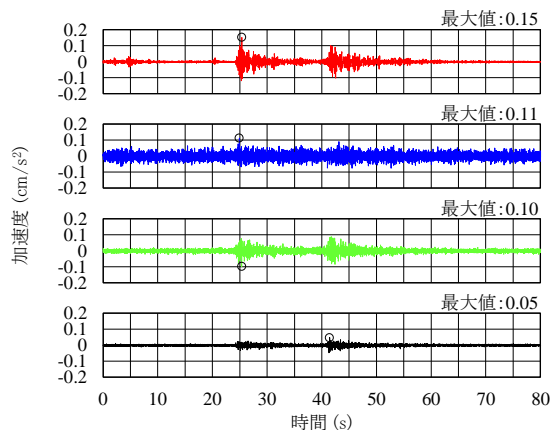


EW方向
擬似速度応答スペクトル

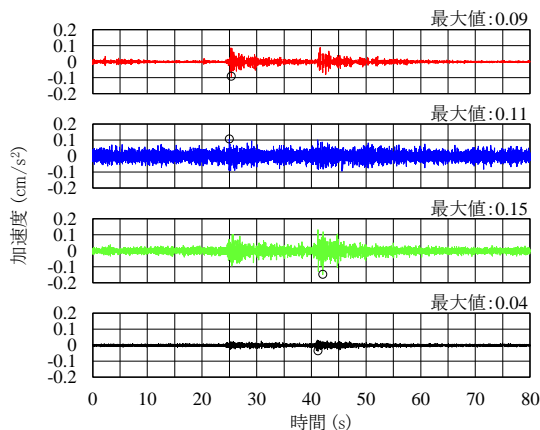


UD方向

No.19



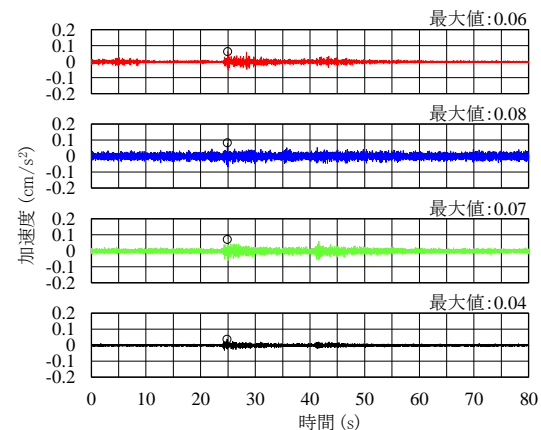
NS方向



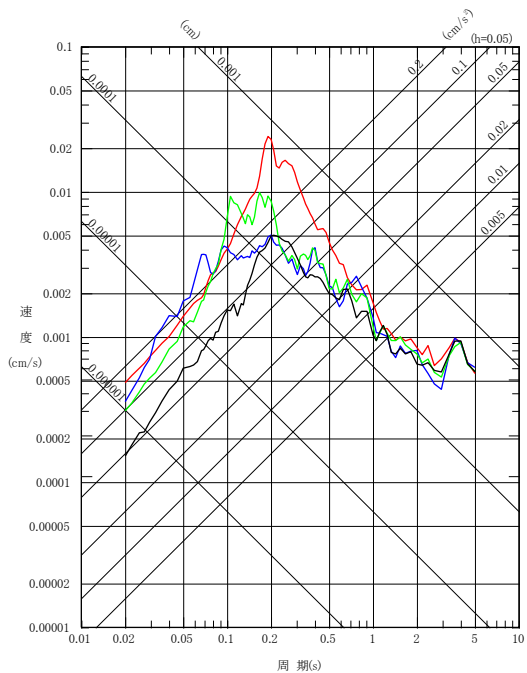
EW方向

加速度時刻歴波形

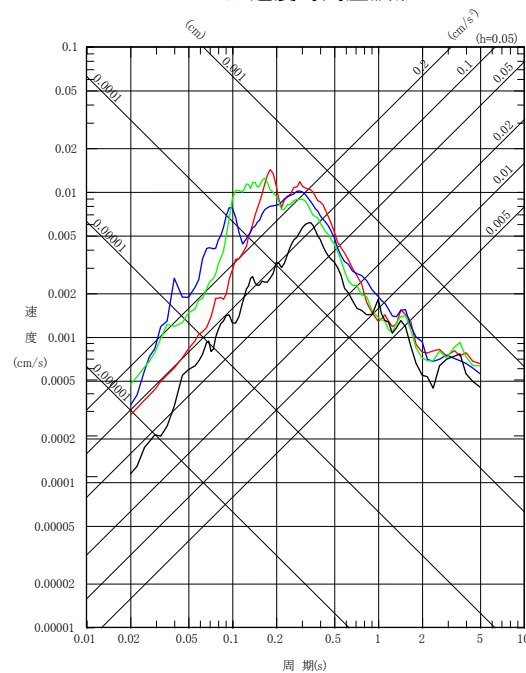
— 観測点1 — 観測点2 — 観測点3 — 観測点4



UD方向

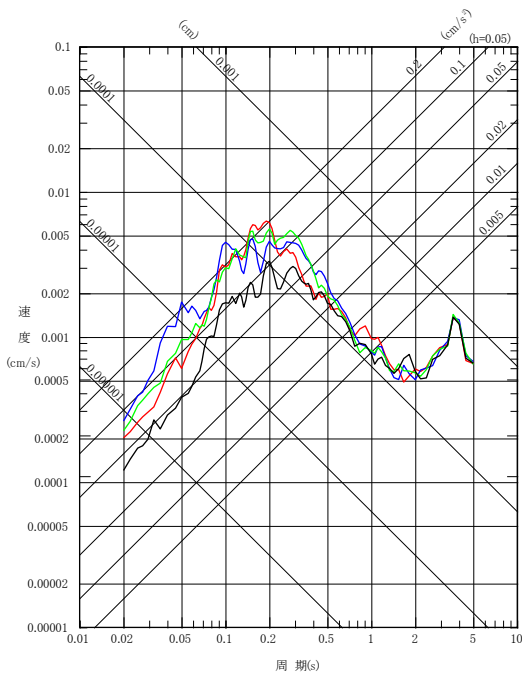


NS方向



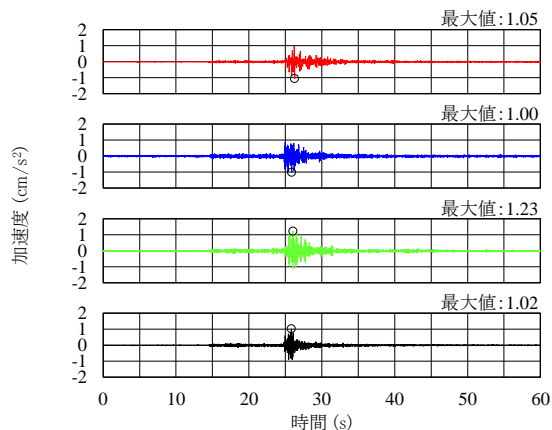
EW方向

擬似速度応答スペクトル

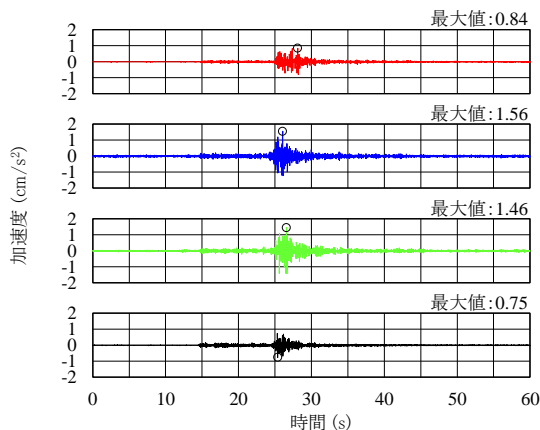


UD方向

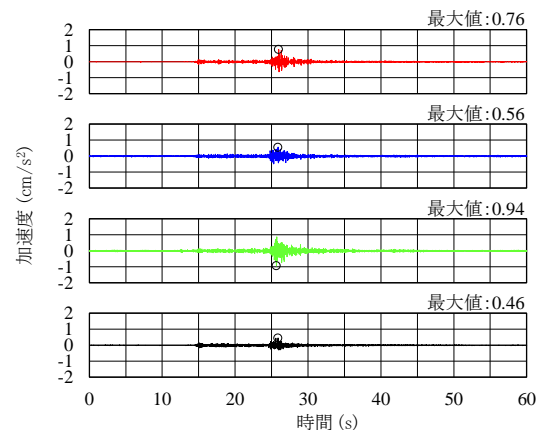
No.20



NS方向

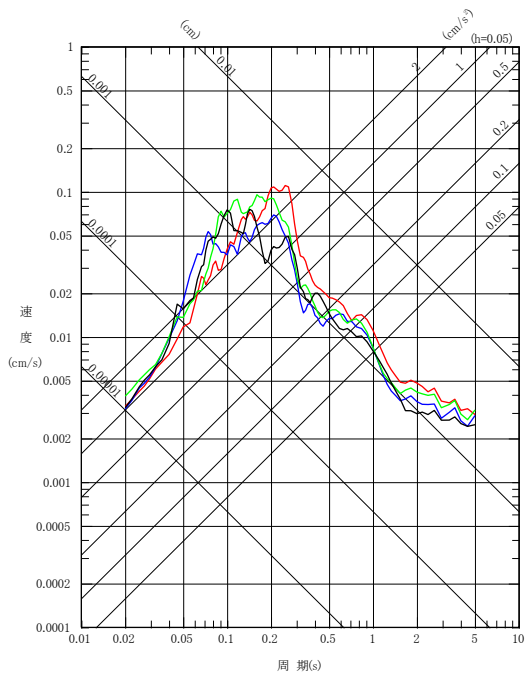


EW方向

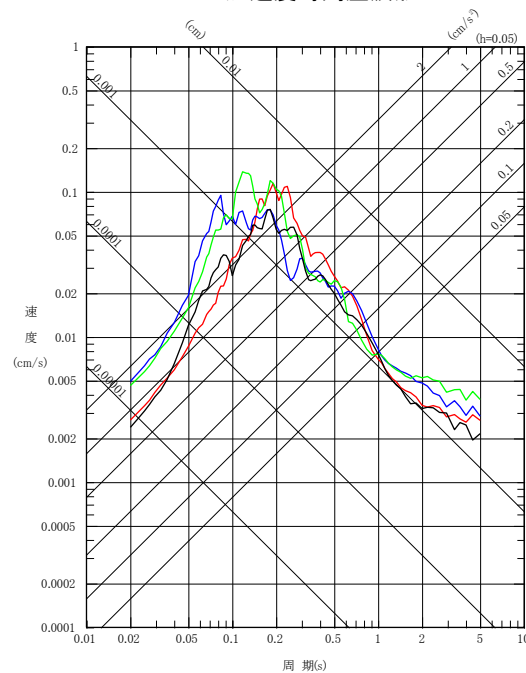


UD方向

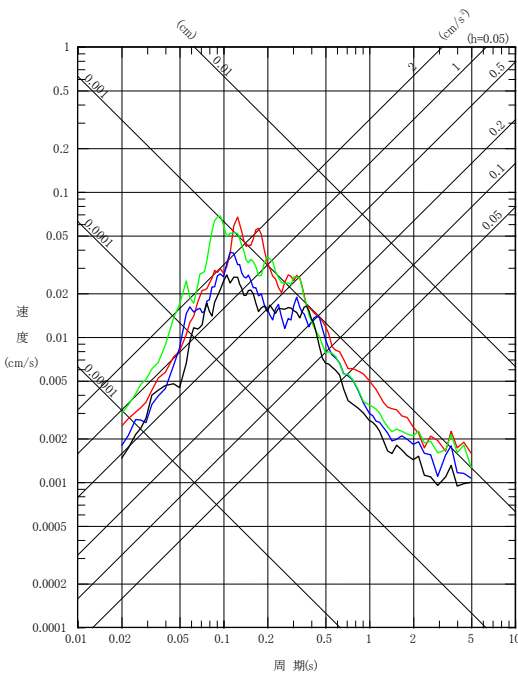
加速度時刻歴波形



NS方向



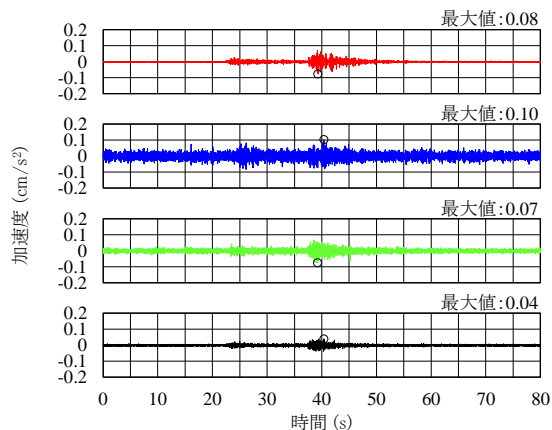
EW方向



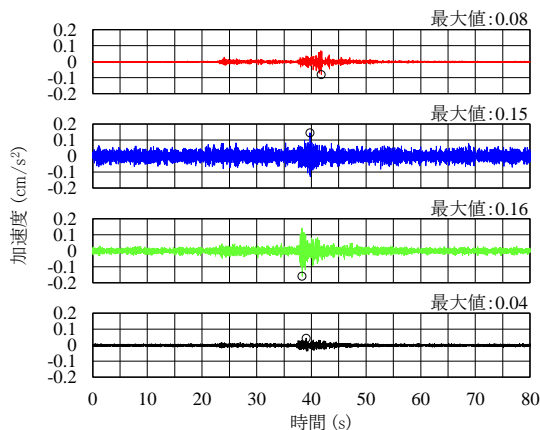
UD方向

擬似速度応答スペクトル

No.21

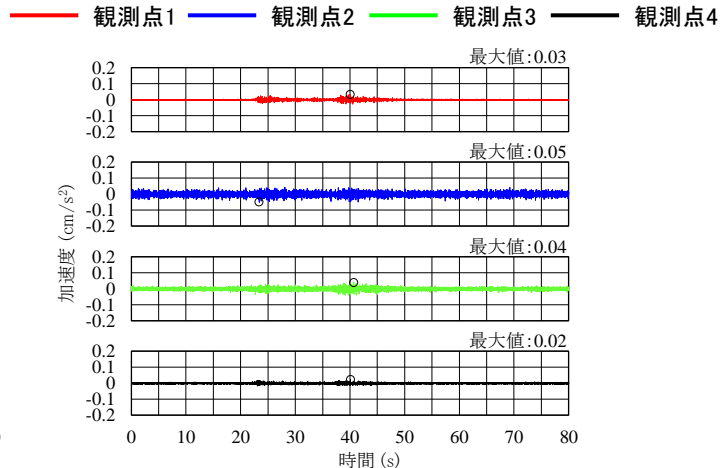


NS方向

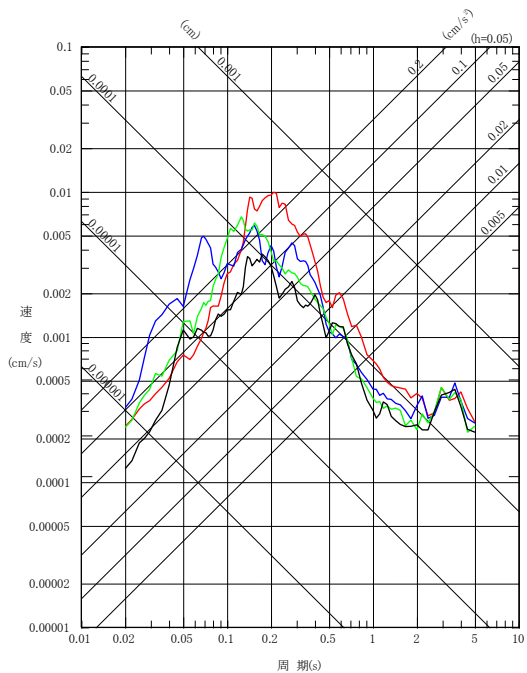


EW方向

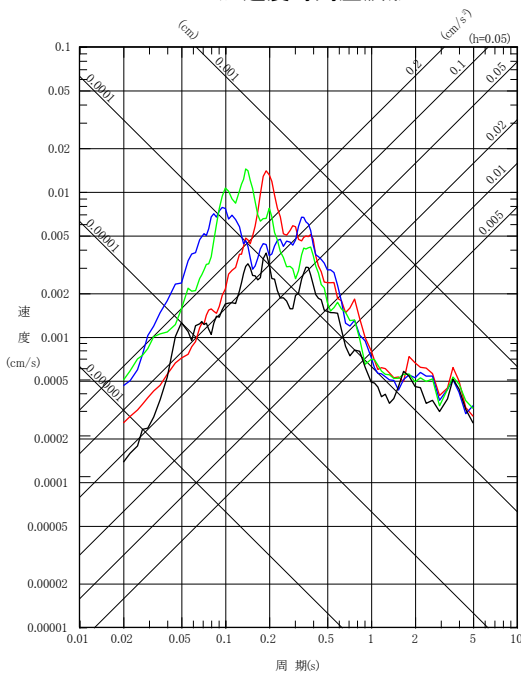
加速度時刻歴波形



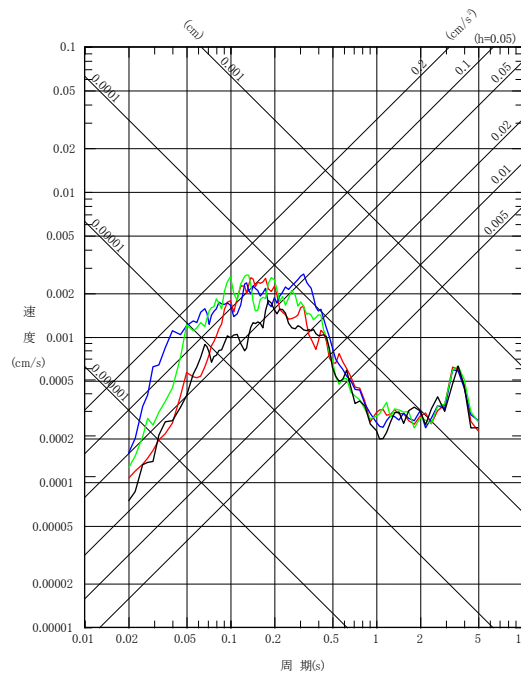
UD方向



NS方向

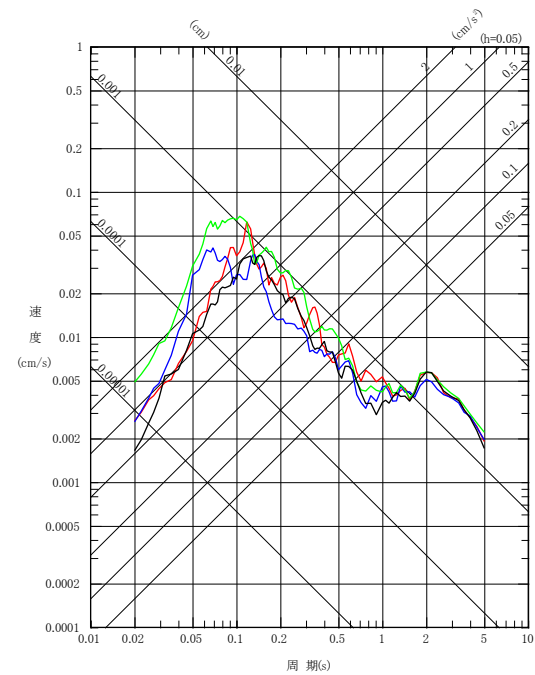
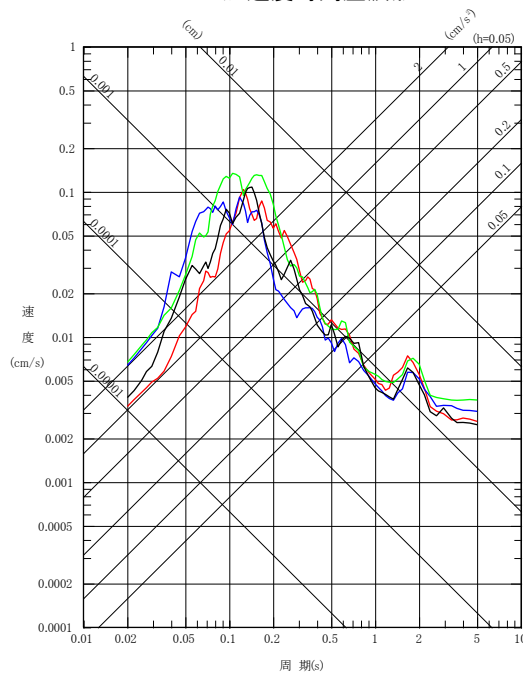
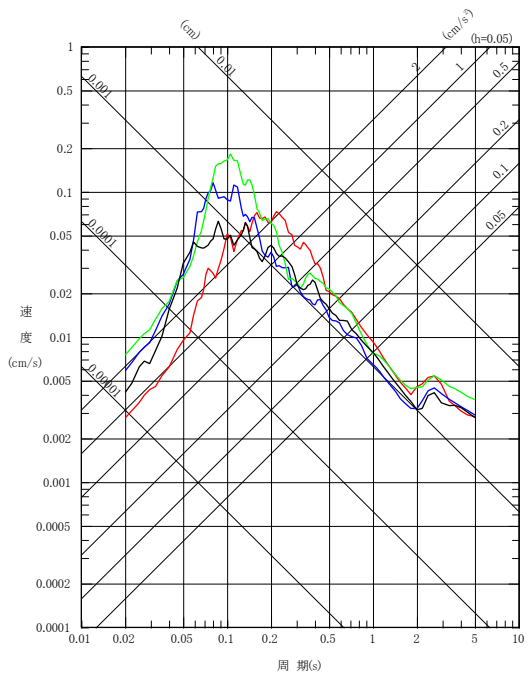
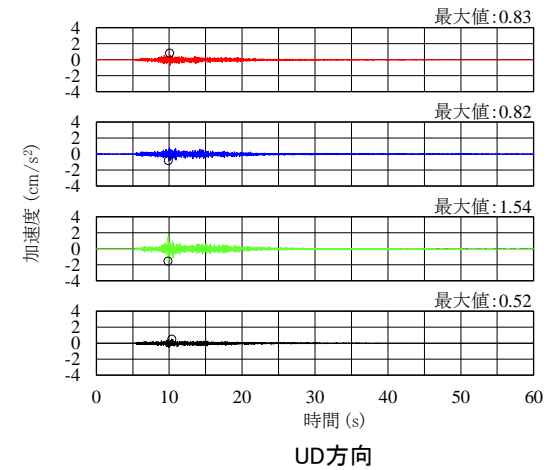
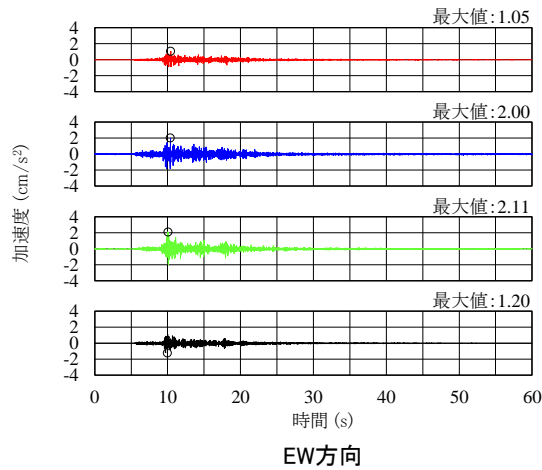
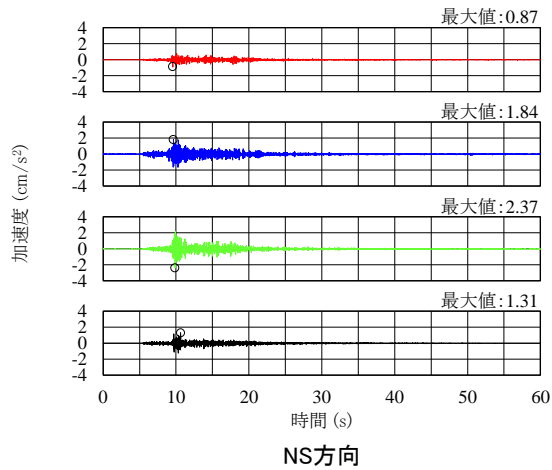


EW方向
 擬似速度応答スペクトル

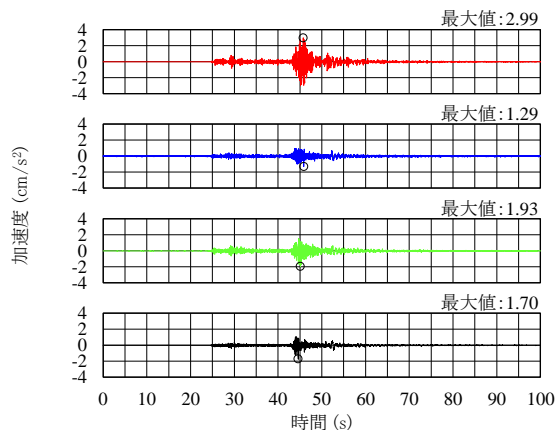


UD方向

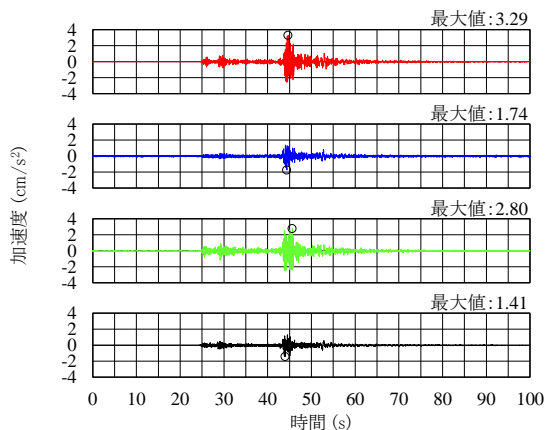
No.22



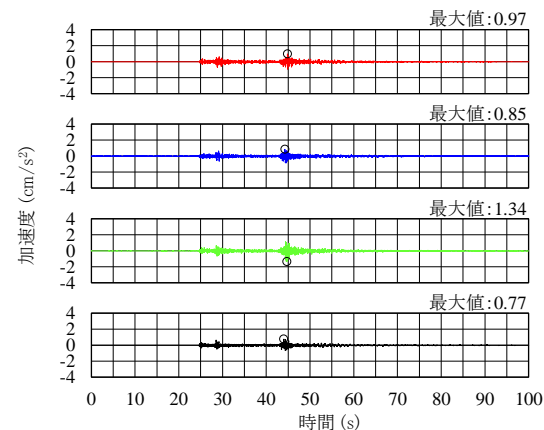
No.23



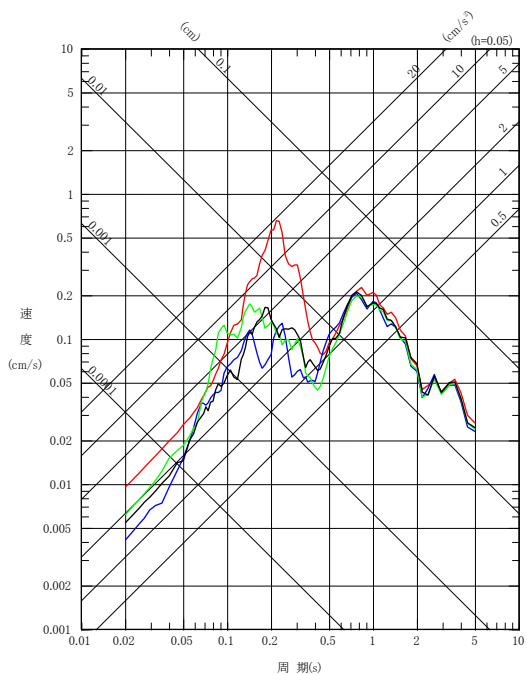
NS方向



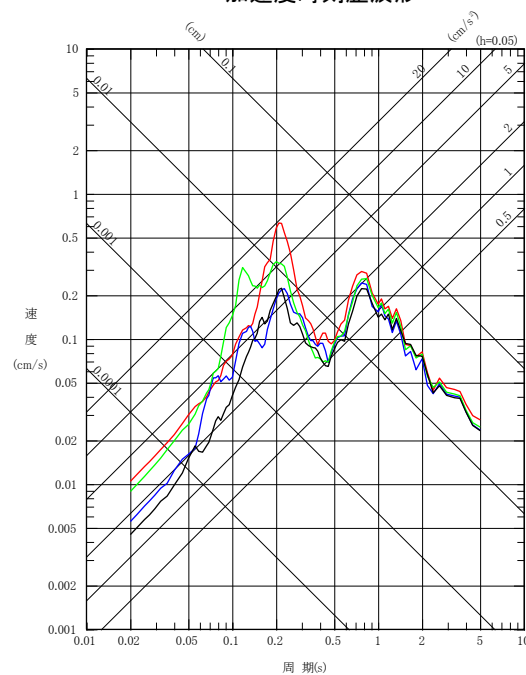
EW方向
加速度時刻歴波形



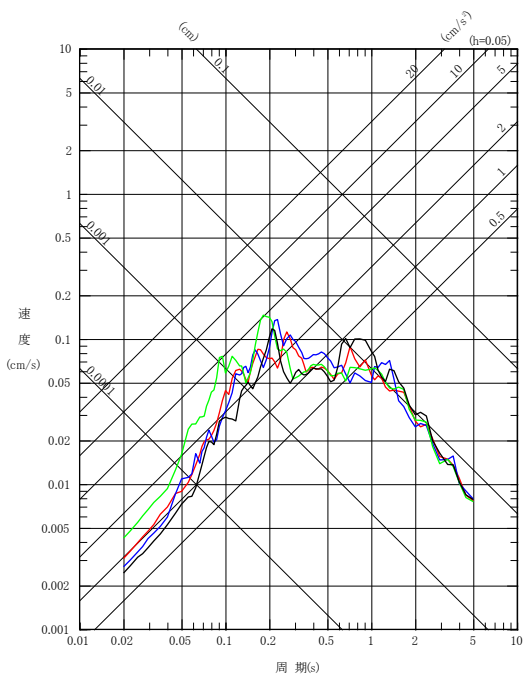
UD方向



NS方向



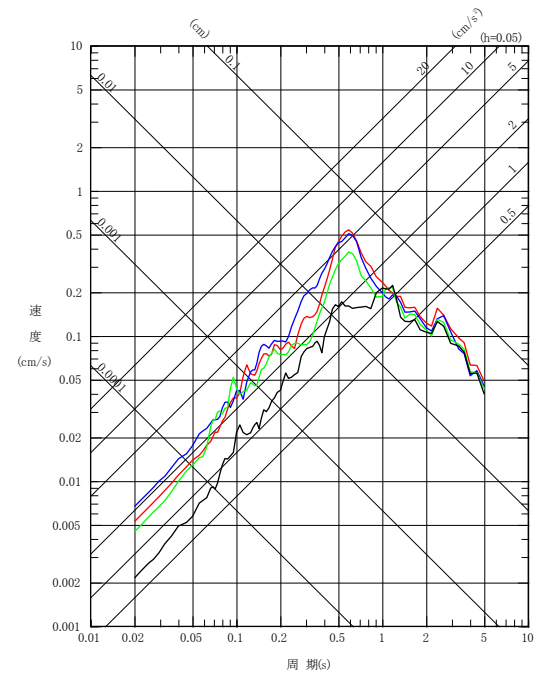
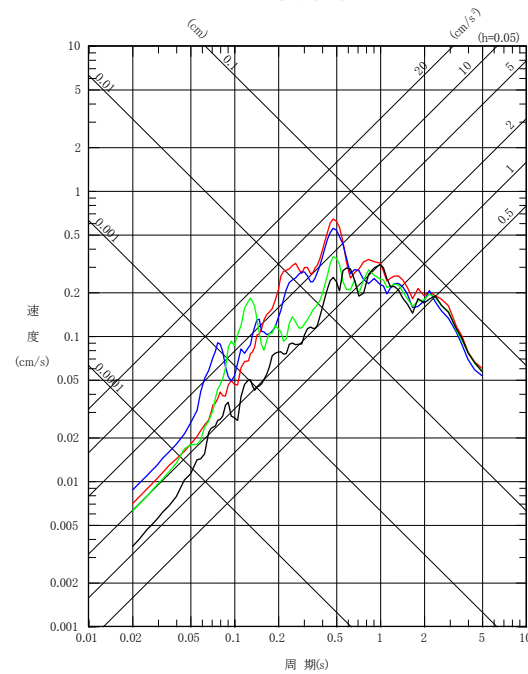
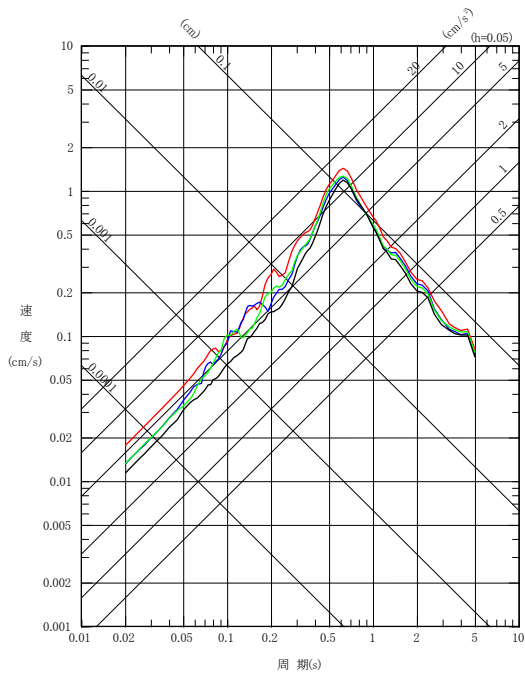
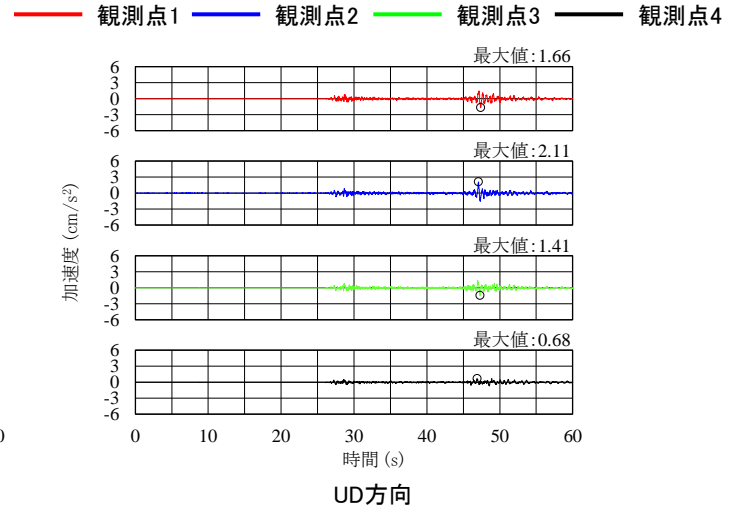
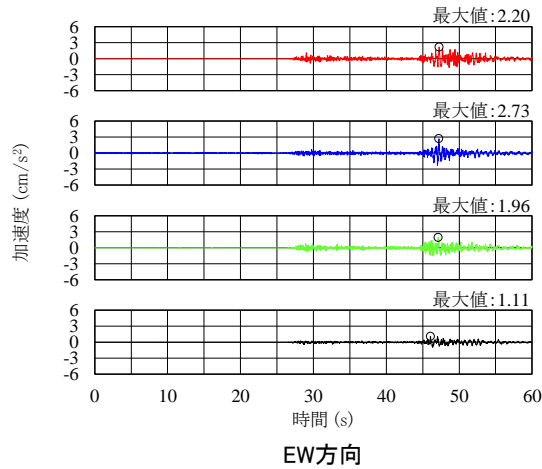
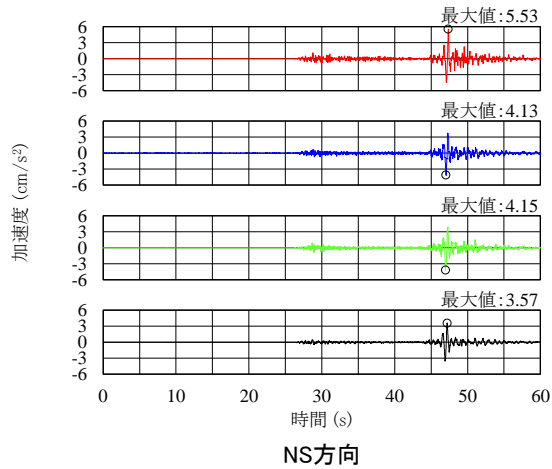
EW方向
擬似速度応答スペクトル



UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.24

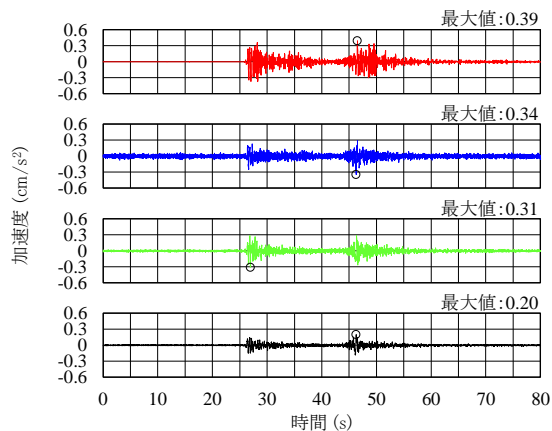


NS方向

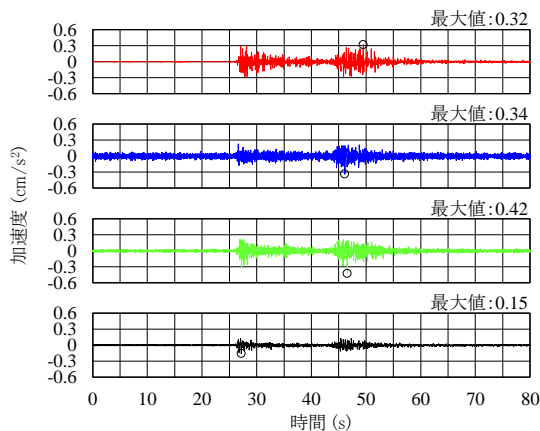
EW方向
擬似速度応答スペクトル

UD方向

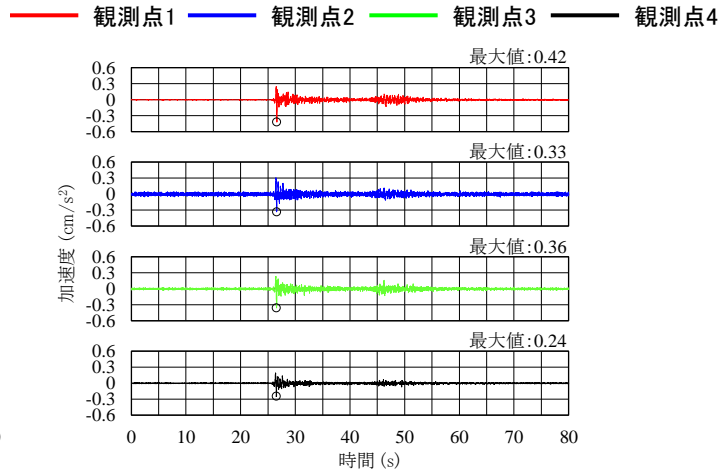
No.25



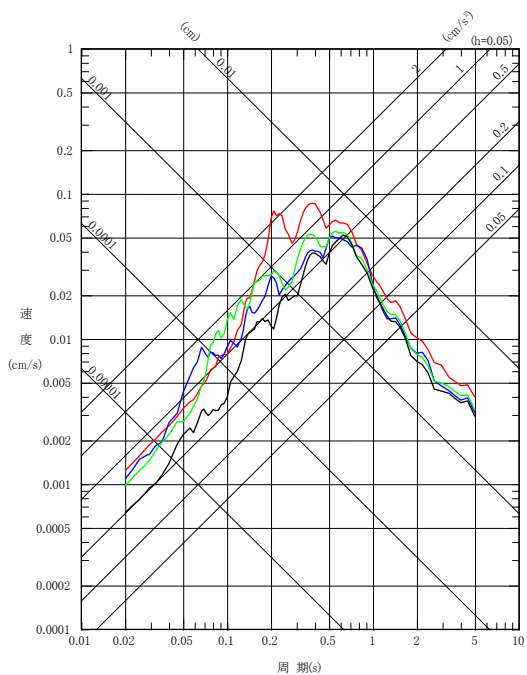
NS方向



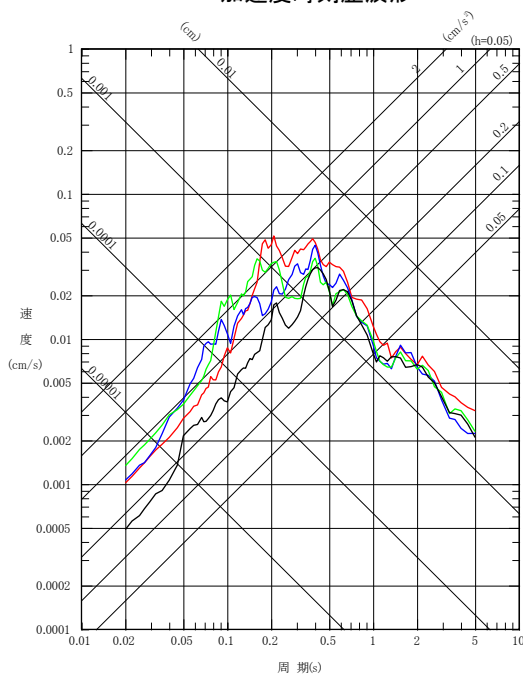
EW方向
加速度時刻歴波形



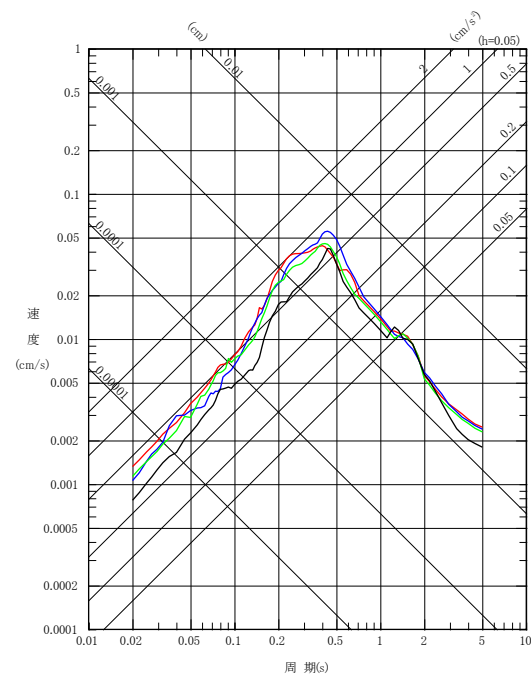
UD方向



NS方向

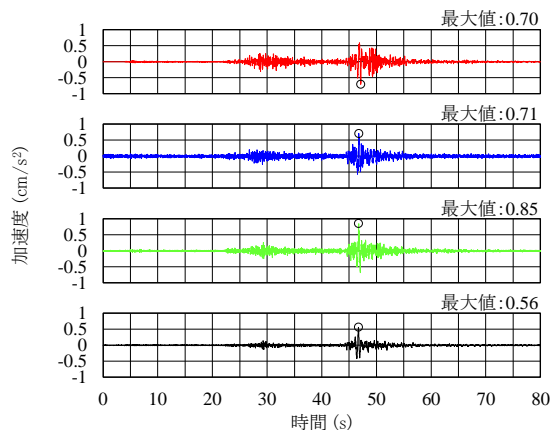


EW方向
擬似速度応答スペクトル

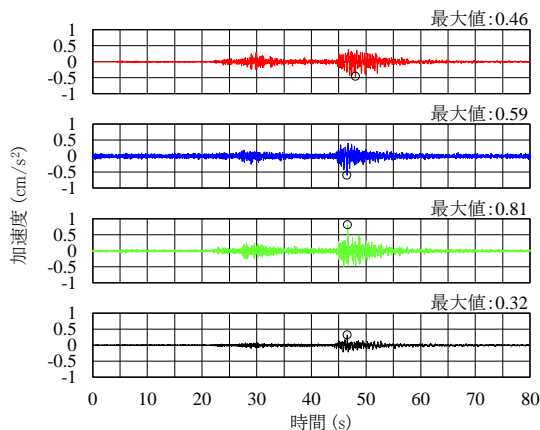


UD方向

No.26

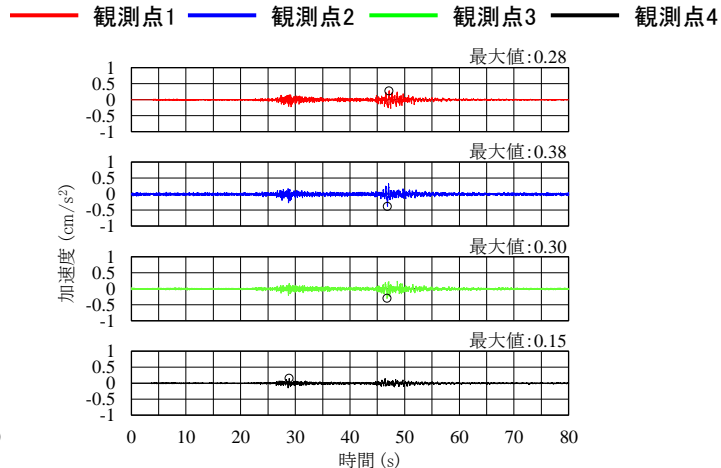


NS方向

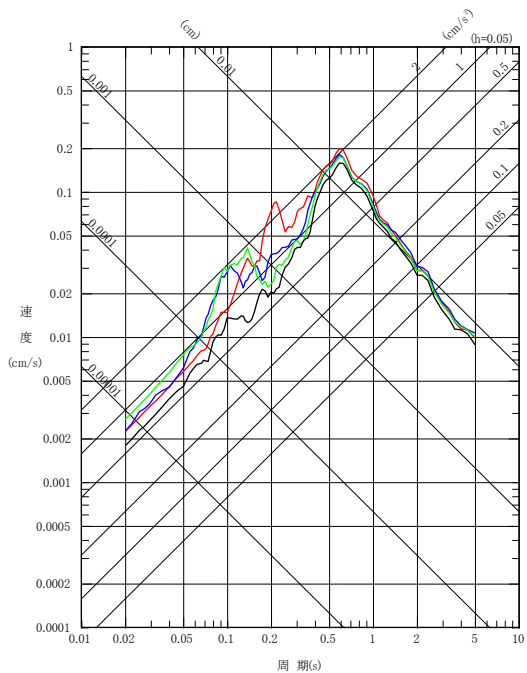


EW方向

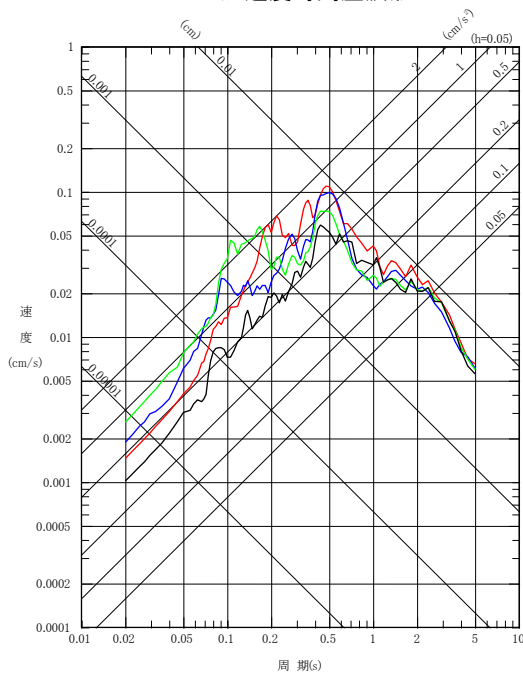
加速度時刻歴波形



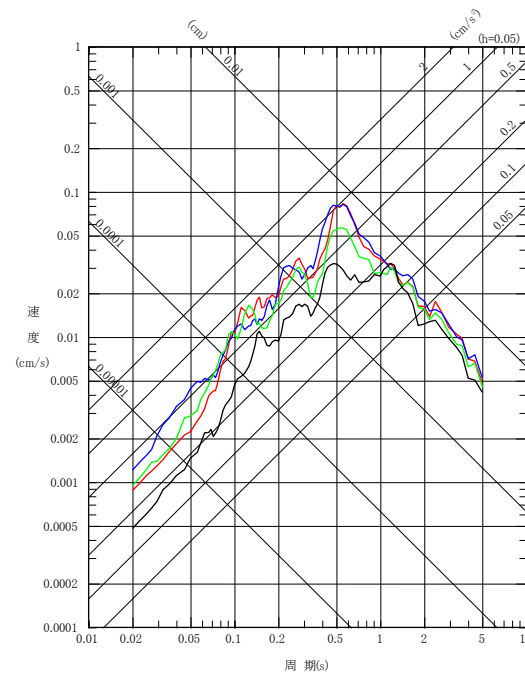
UD方向



NS方向

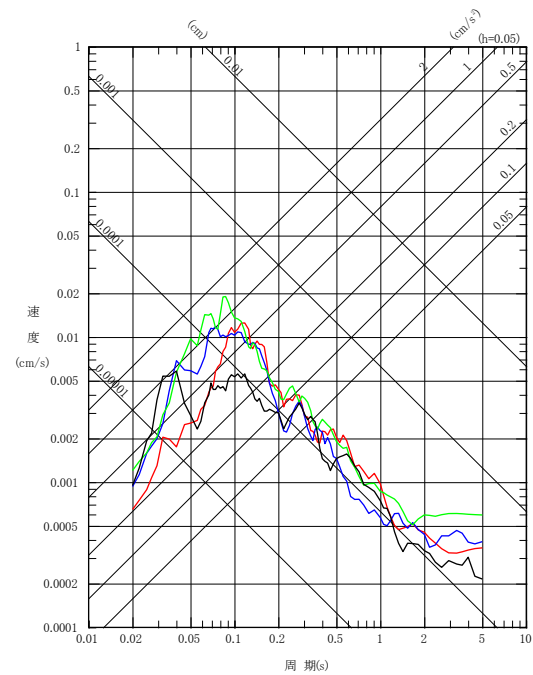
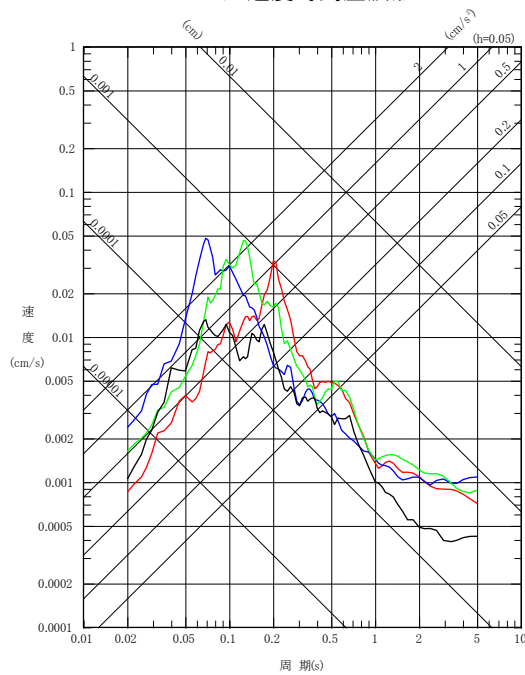
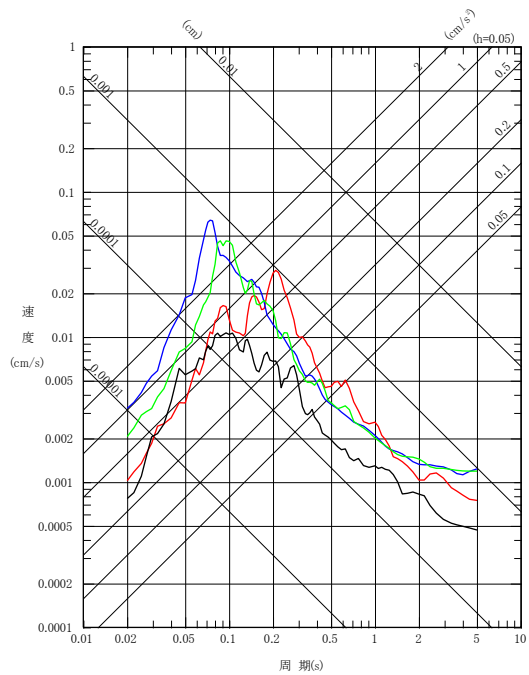
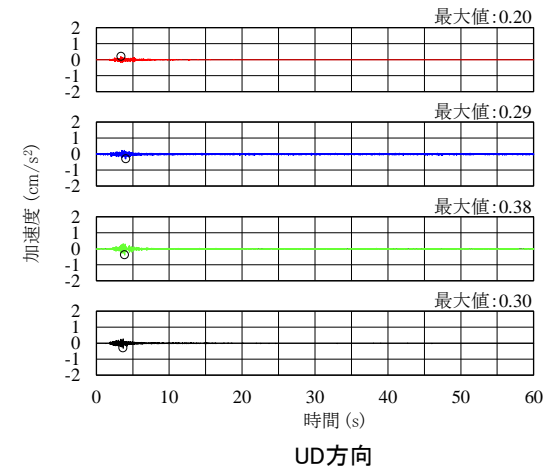
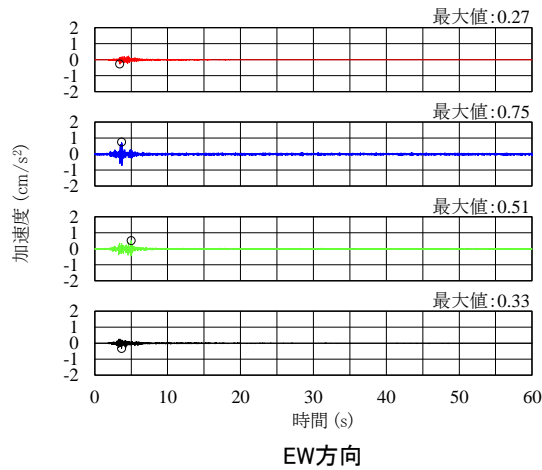
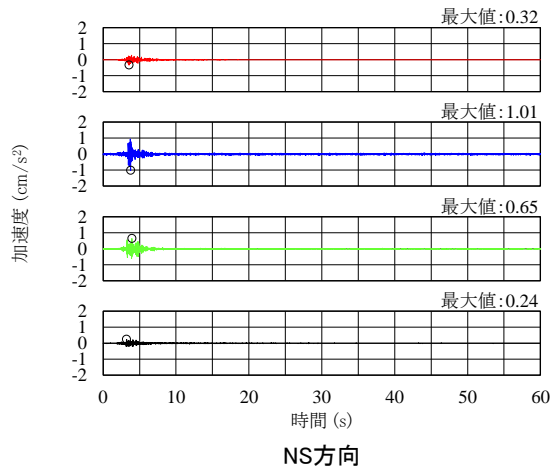


EW方向
擬似速度応答スペクトル



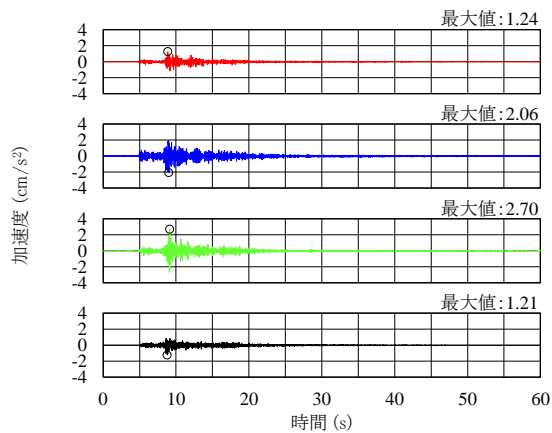
UD方向

No.27

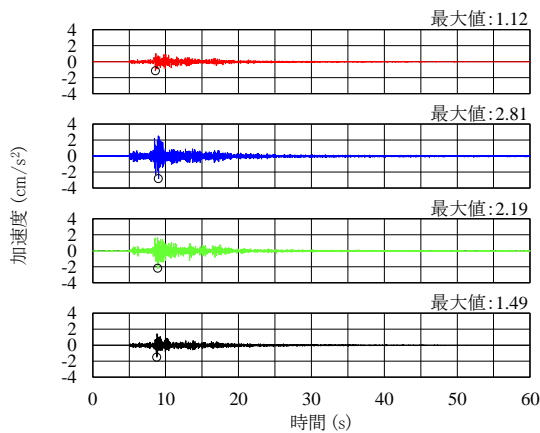


擬似速度応答スペクトル

No.28

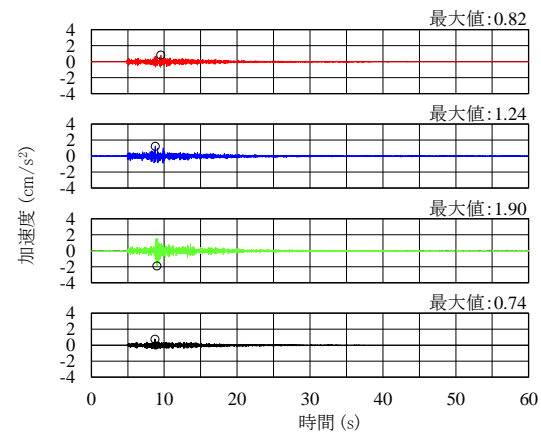


NS方向

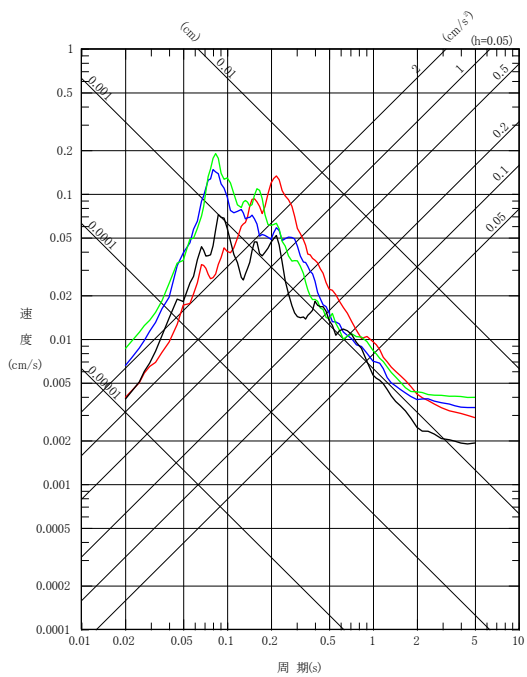


EW方向

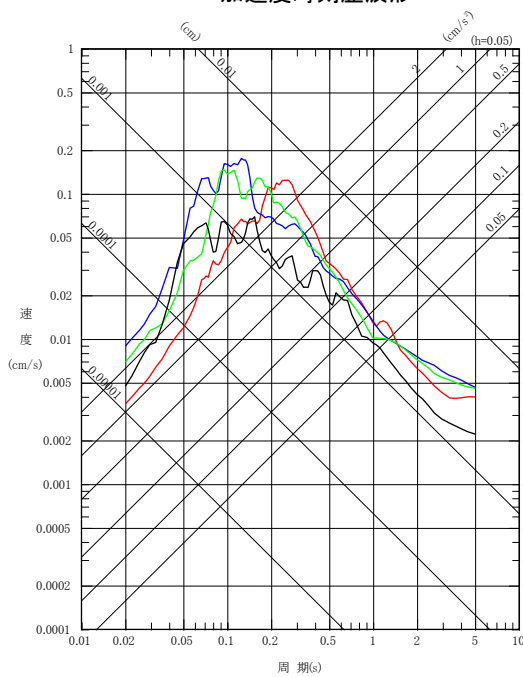
加速度時刻歴波形



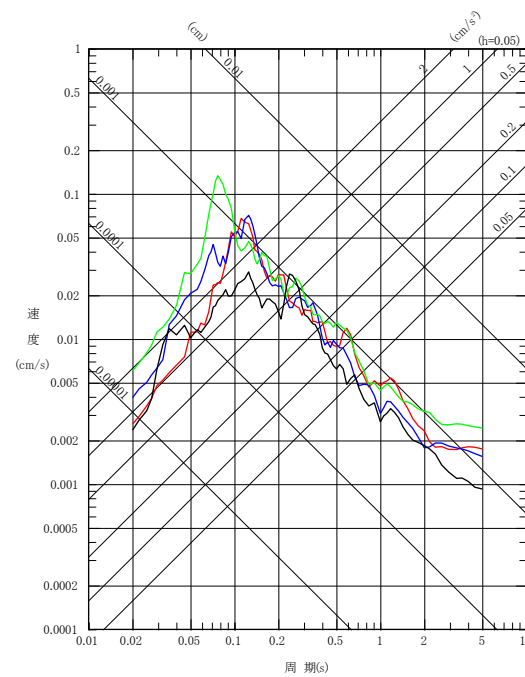
UD方向



NS方向



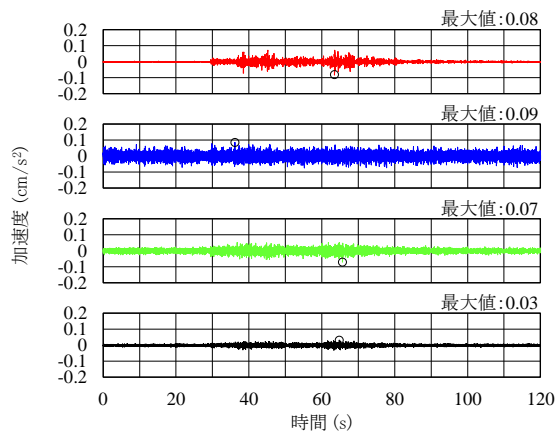
EW方向
 擬似速度応答スペクトル



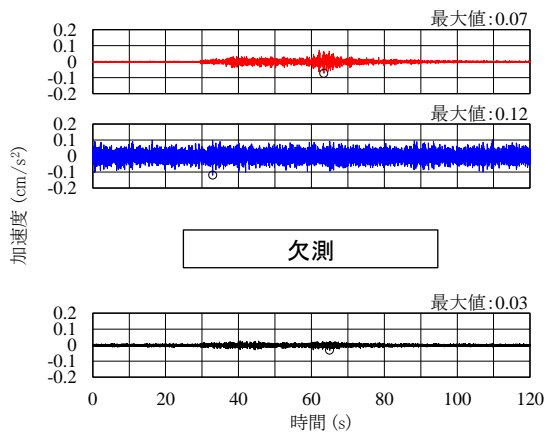
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.29

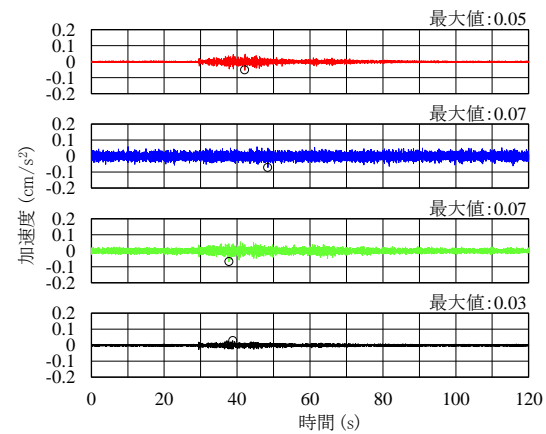


NS方向

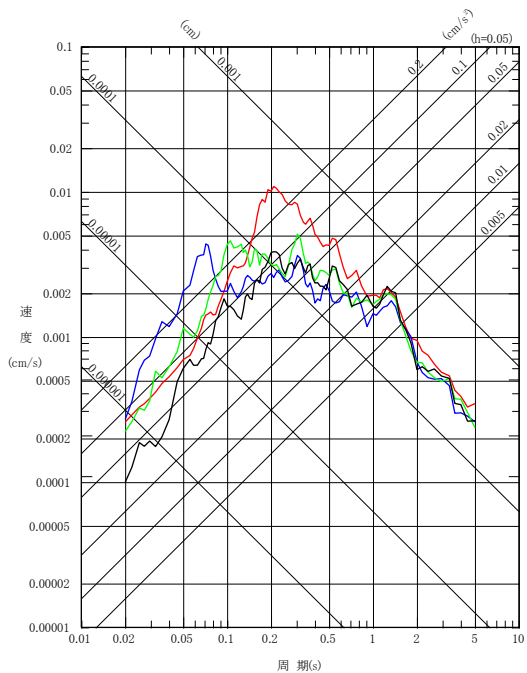


EW方向

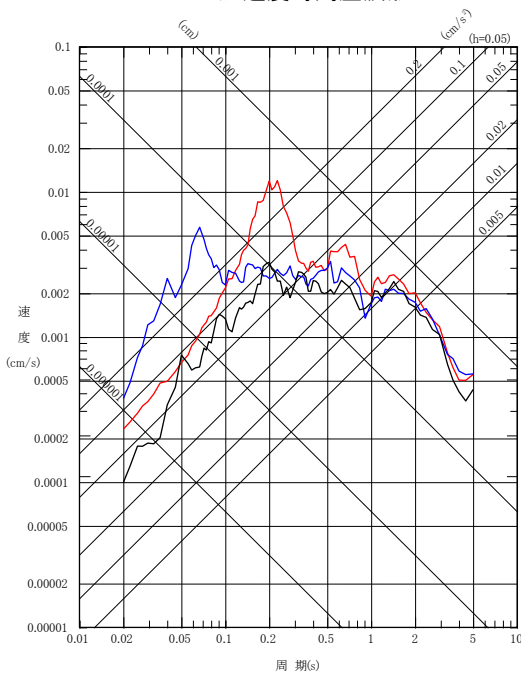
加速度時刻歴波形



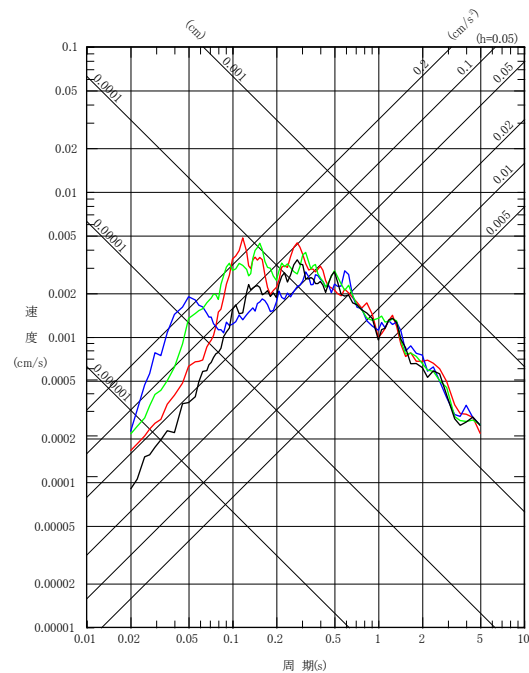
UD方向



NS方向

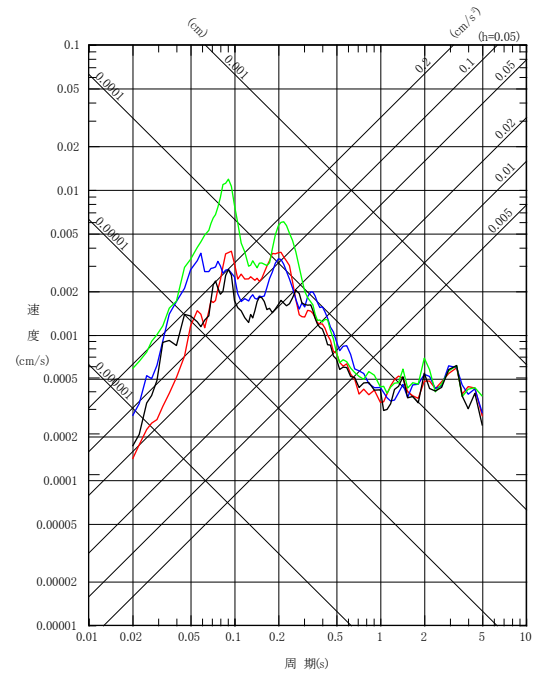
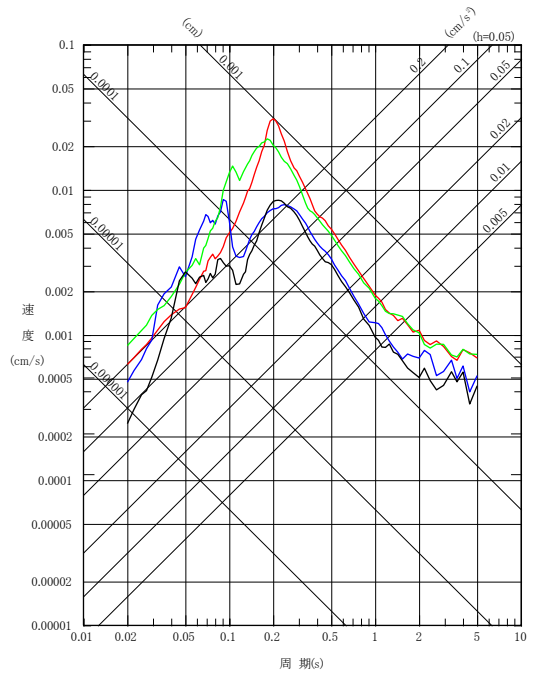
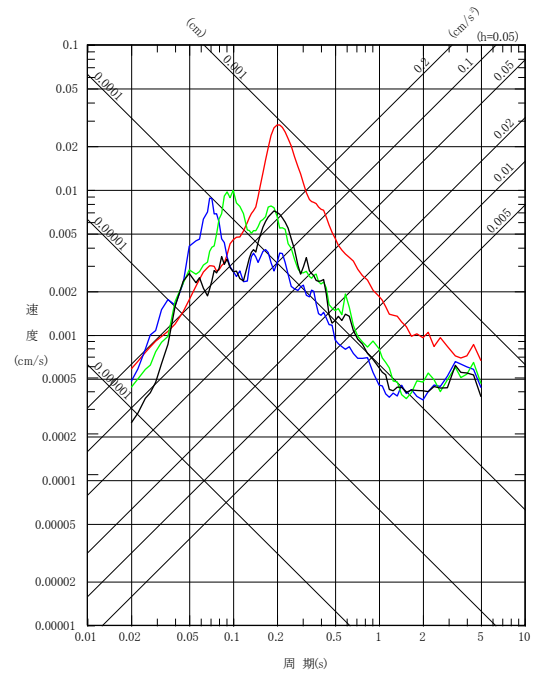
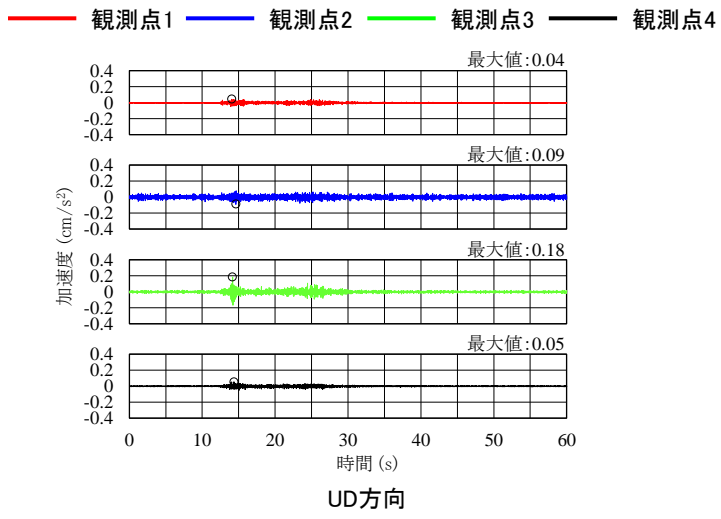
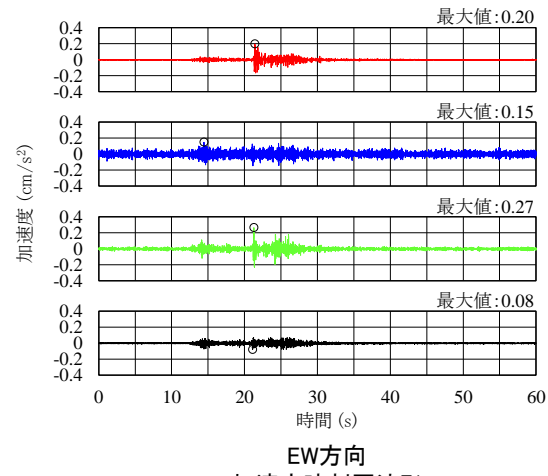
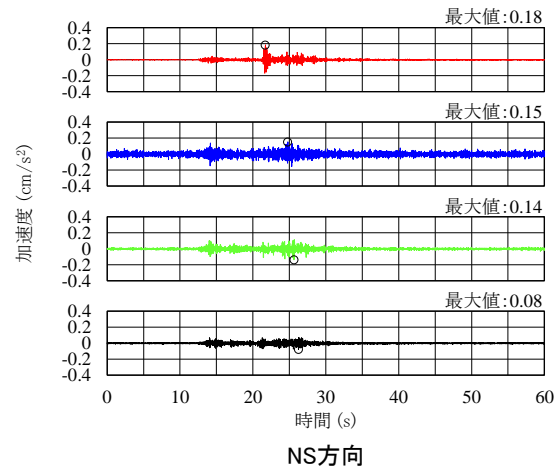


EW方向
 擬似速度応答スペクトル



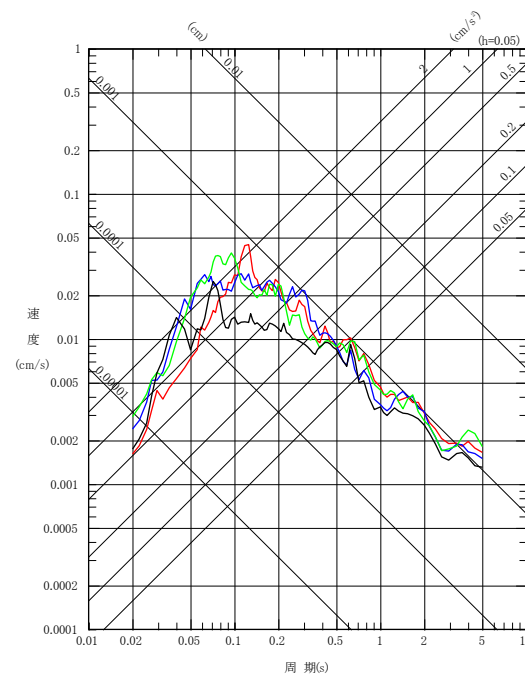
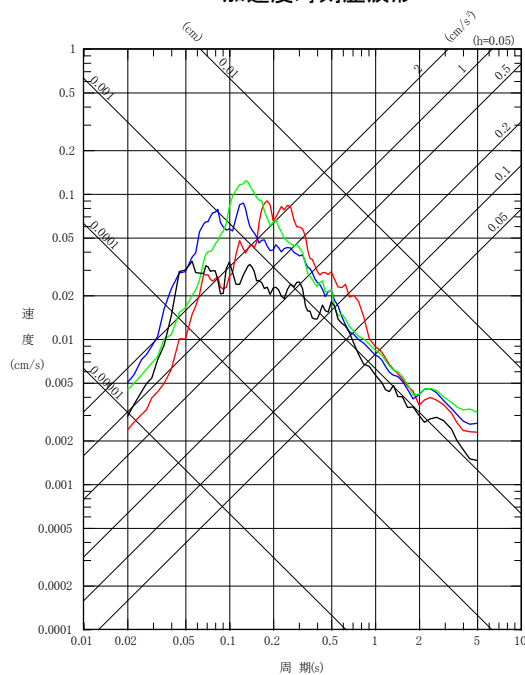
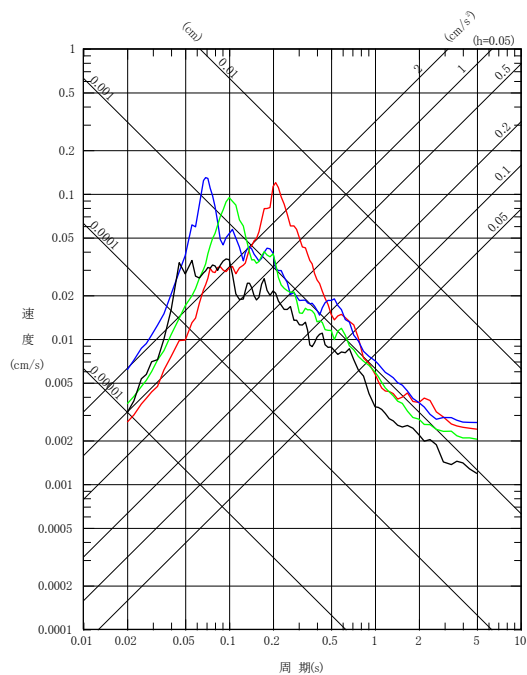
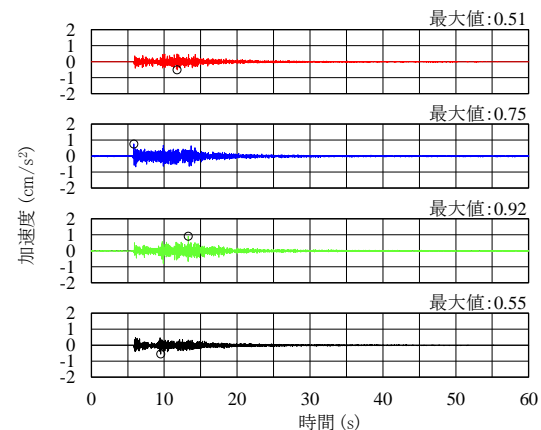
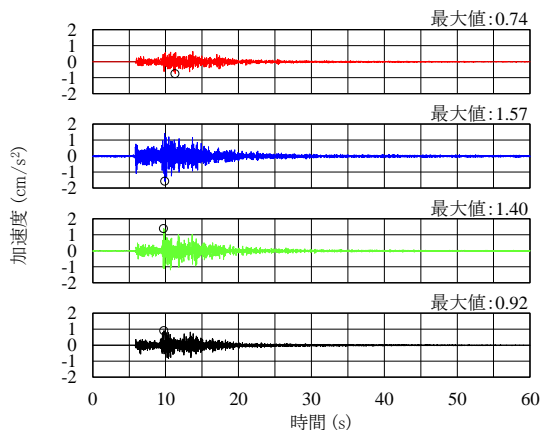
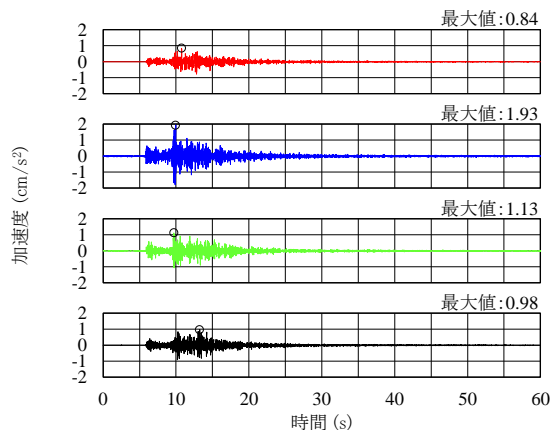
UD方向

No.30

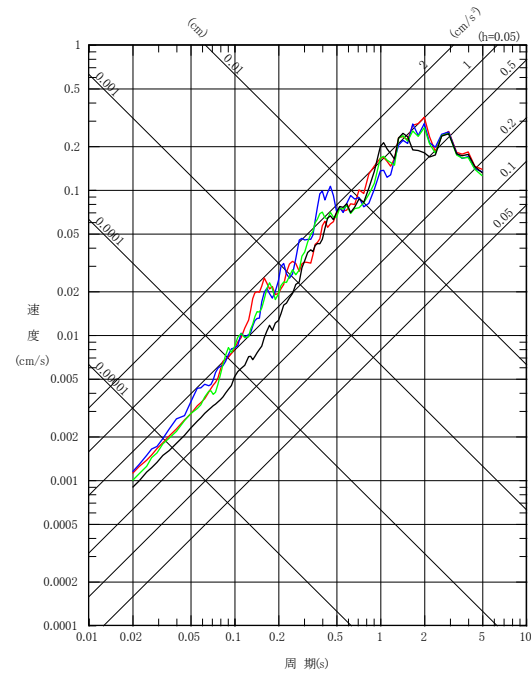
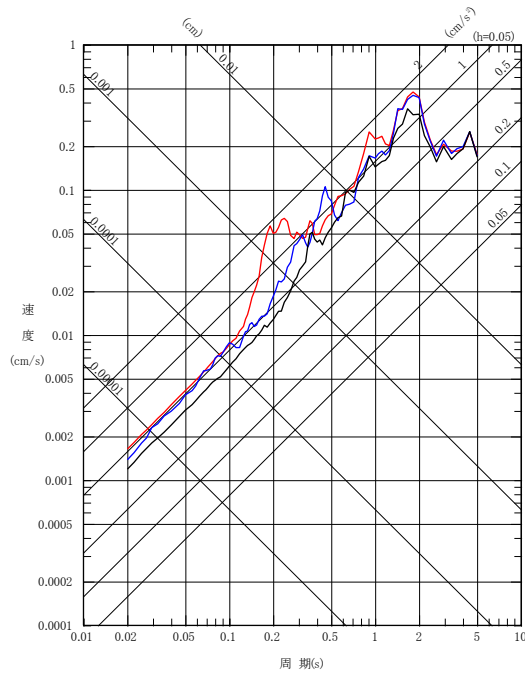
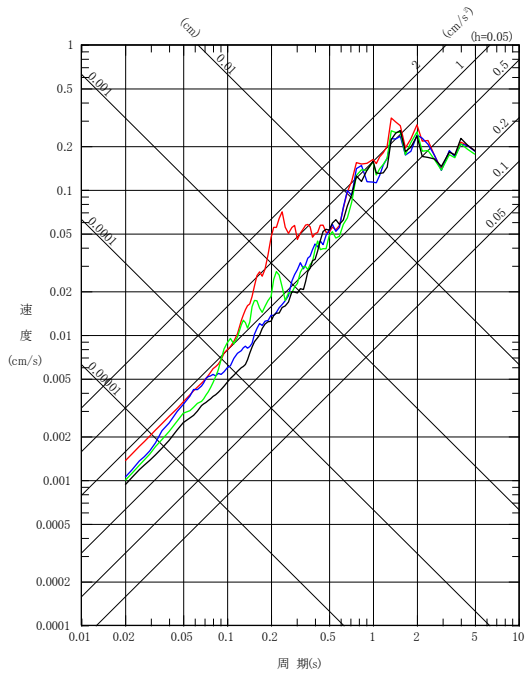
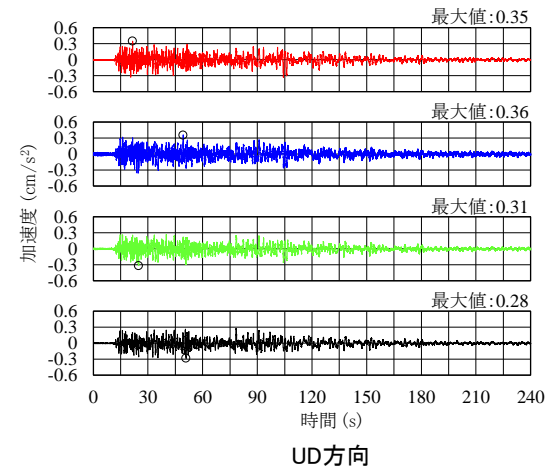
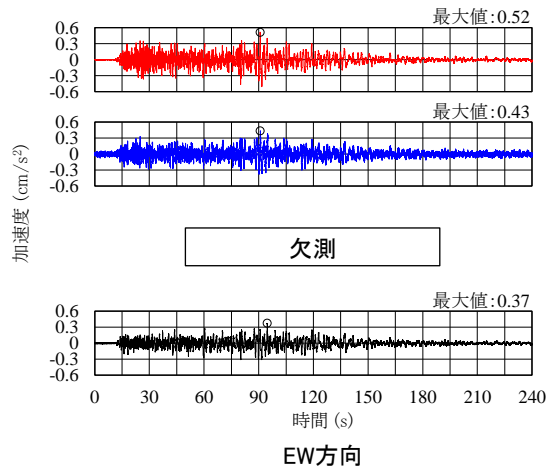
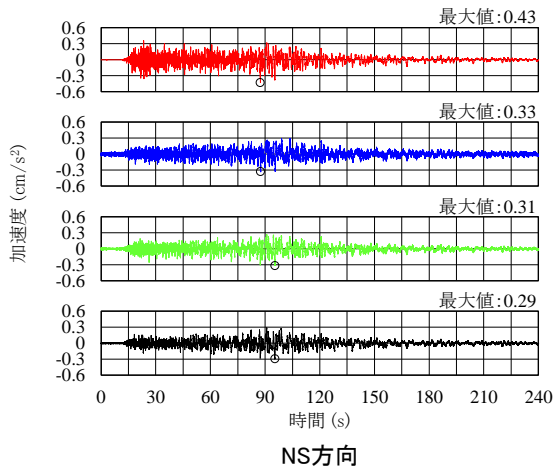


EW方向
擬似速度応答スペクトル

No.31

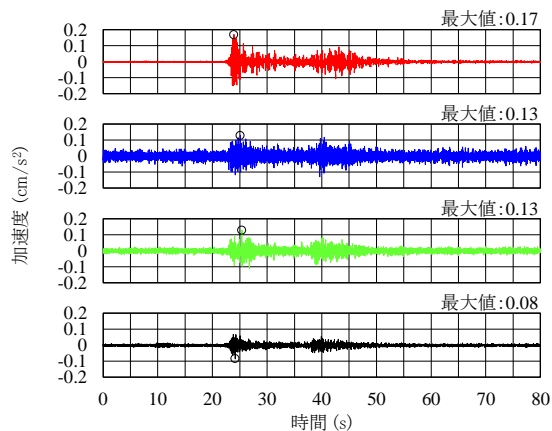


擬似速度応答スペクトル

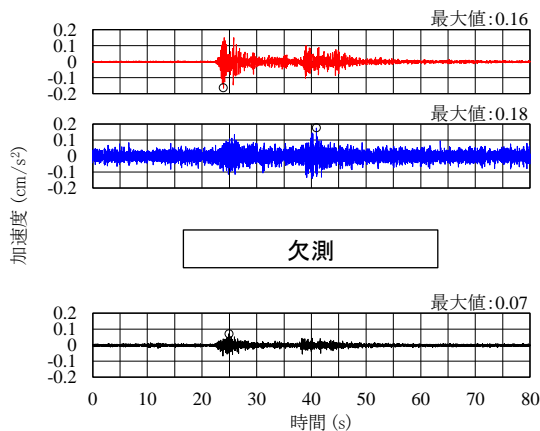


EW方向
擬似速度応答スペクトル

No.33

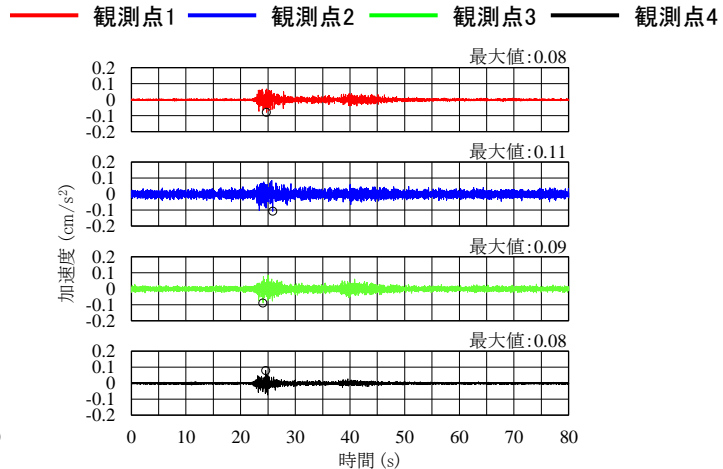


NS方向

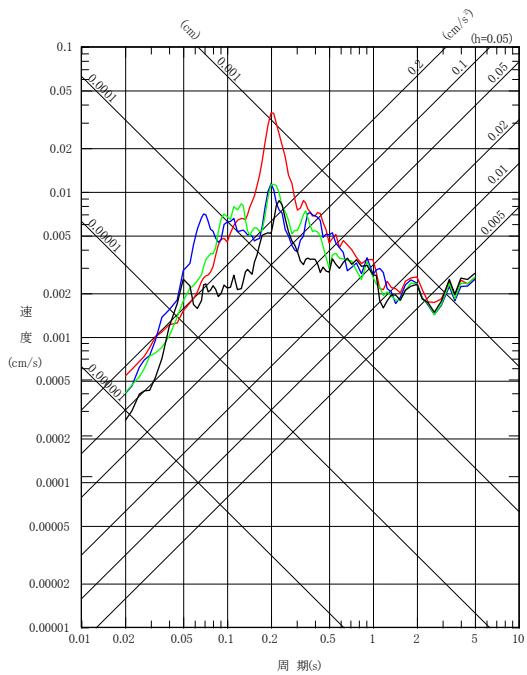


EW方向

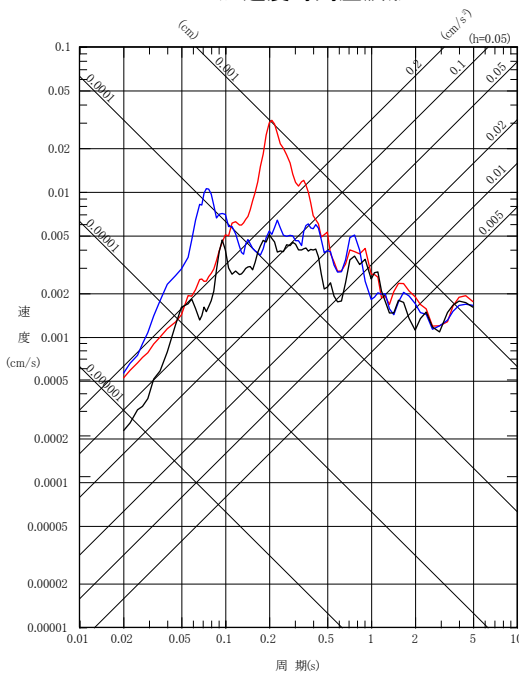
加速度時刻歴波形



UD方向

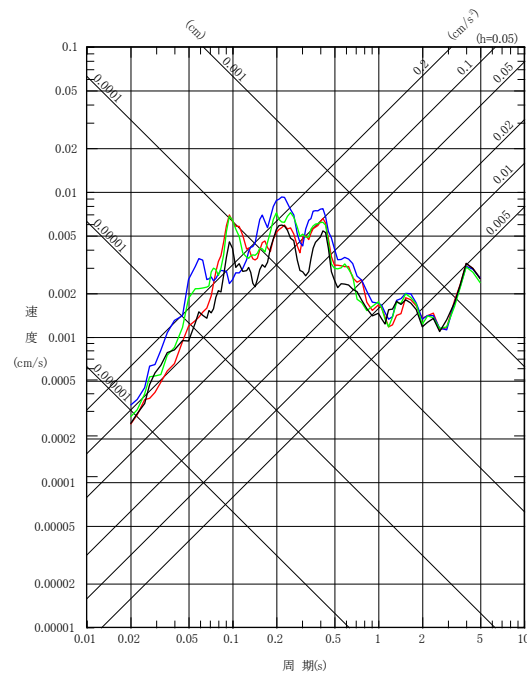


NS方向



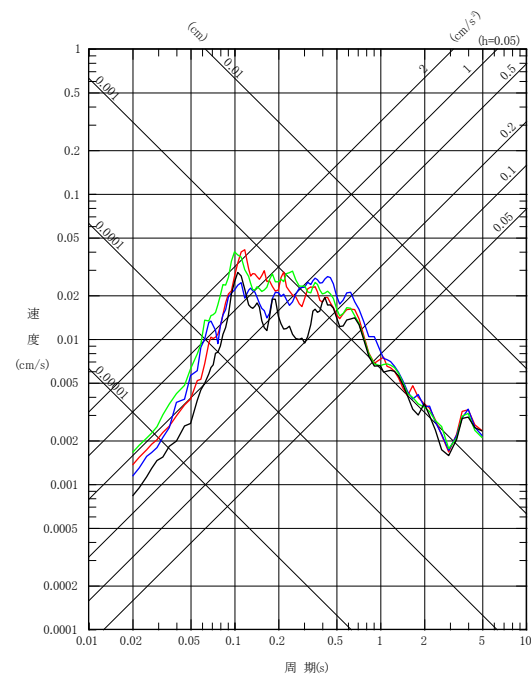
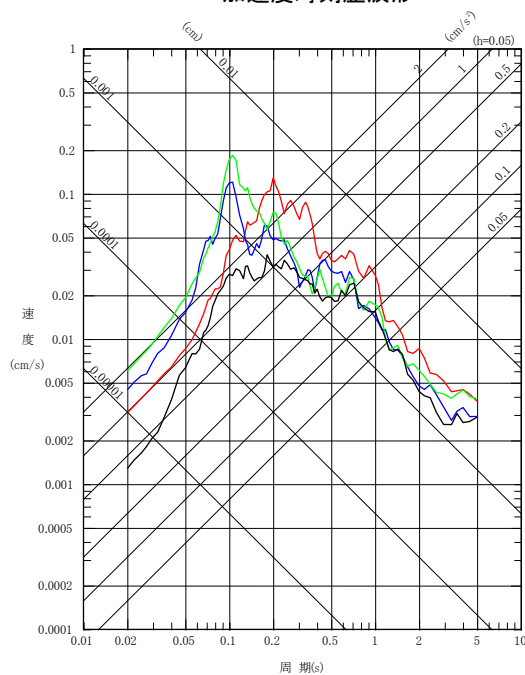
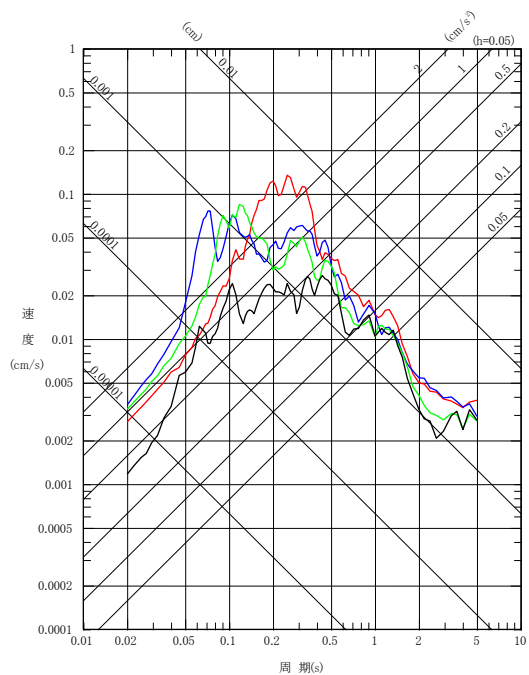
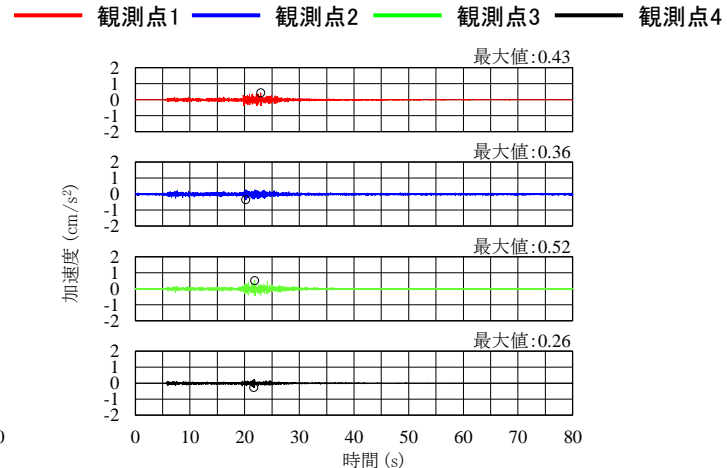
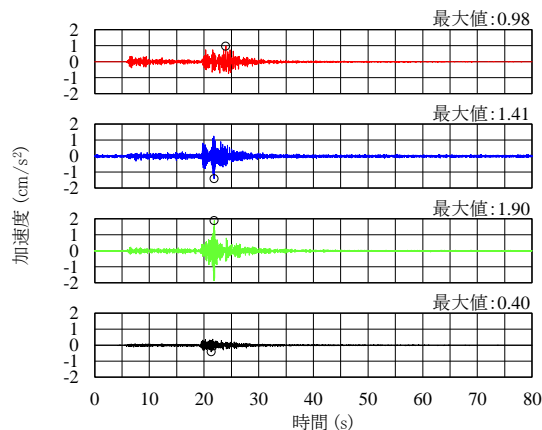
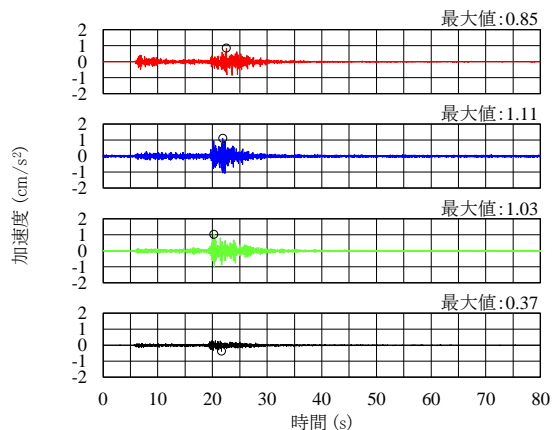
EW方向

擬似速度応答スペクトル



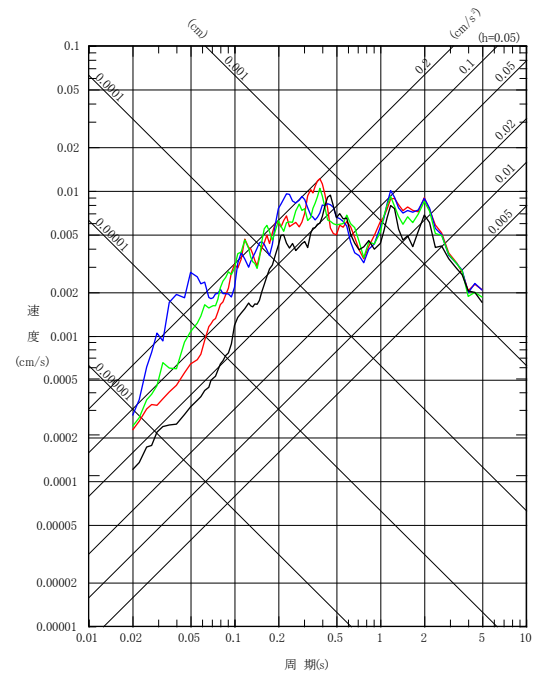
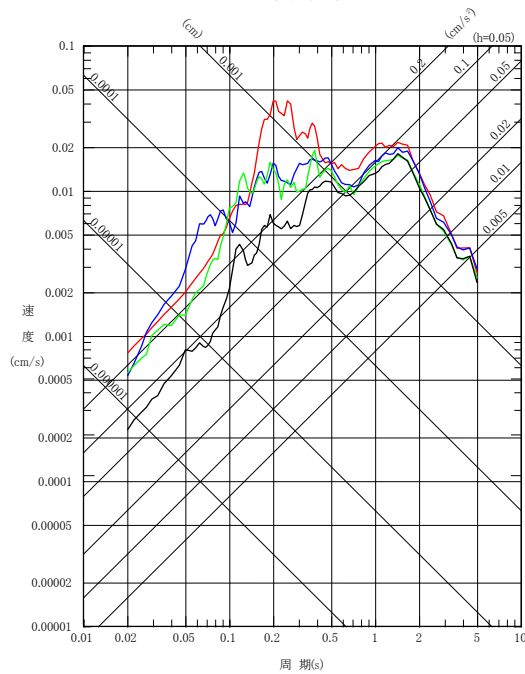
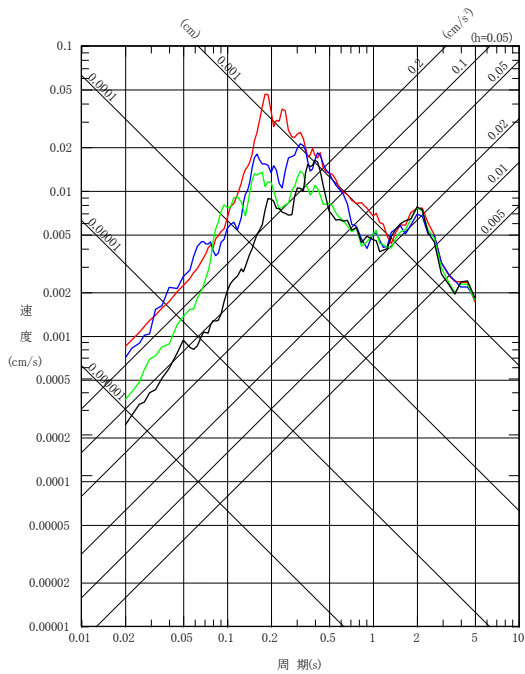
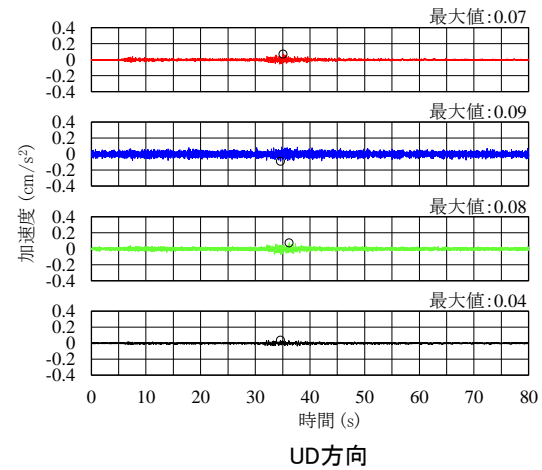
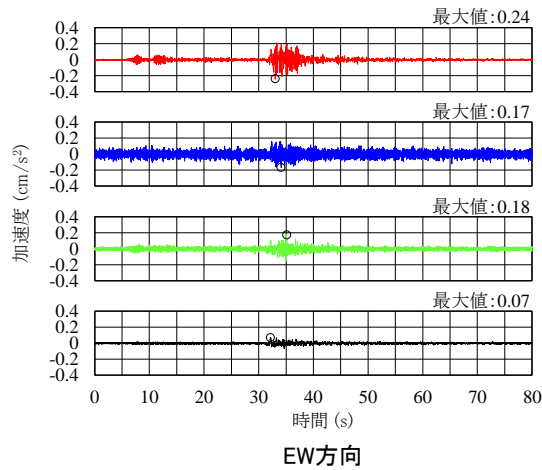
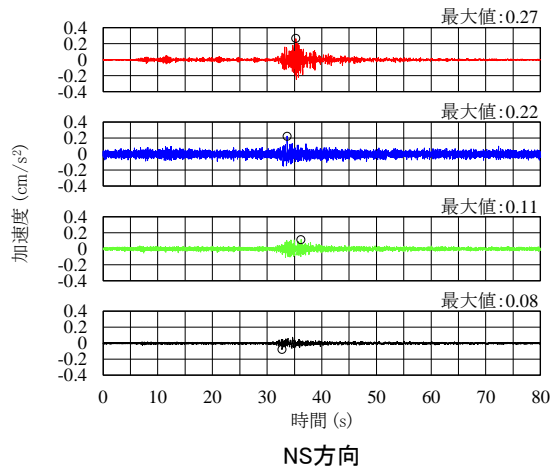
UD方向

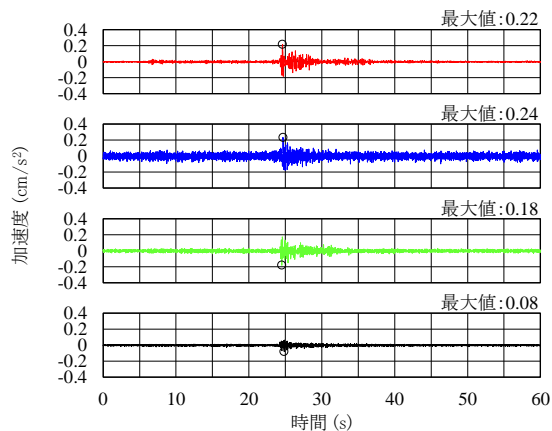
No.34



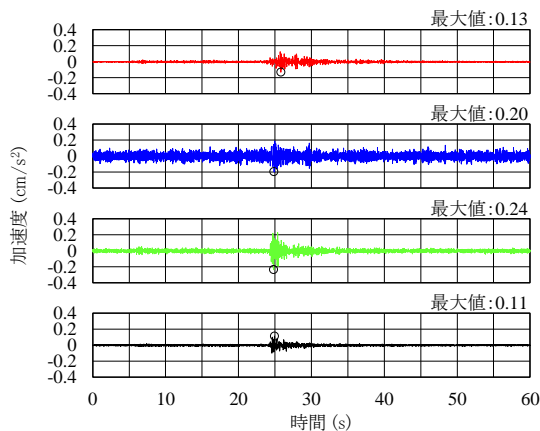
擬似速度応答スペクトル

No.35



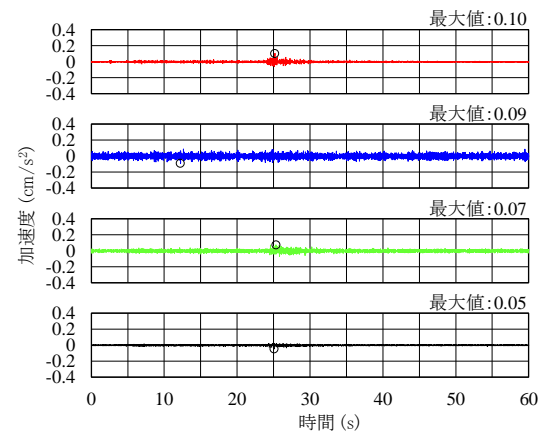


NS方向

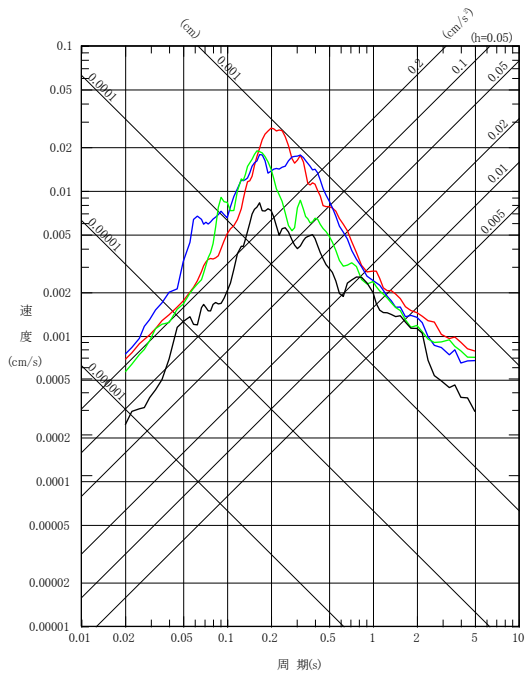


EW方向

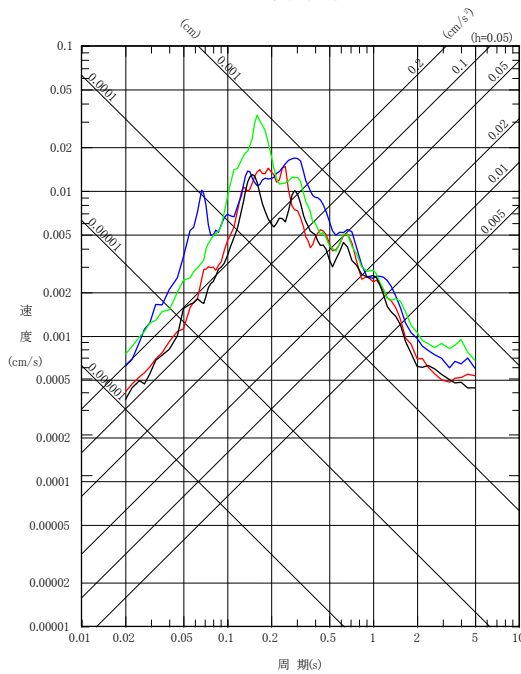
加速度時刻歴波形



UD方向

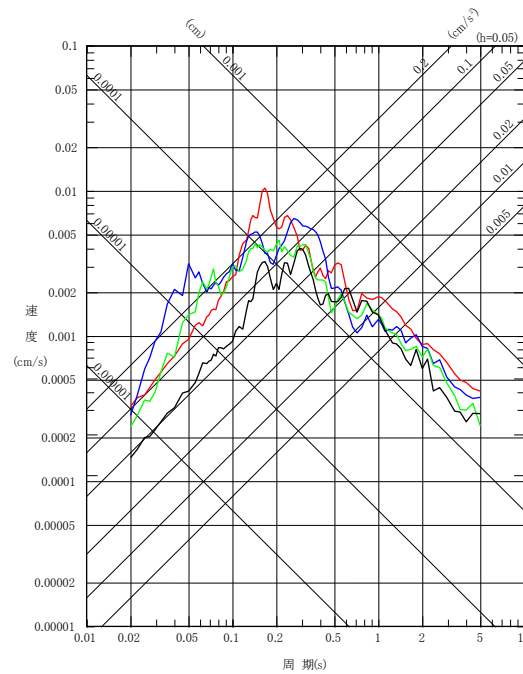


NS方向



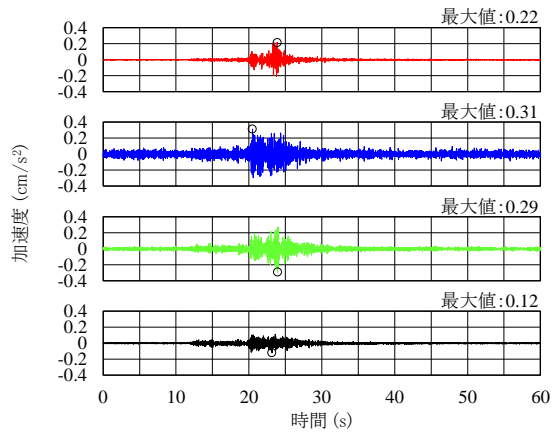
EW方向

擬似速度応答スペクトル

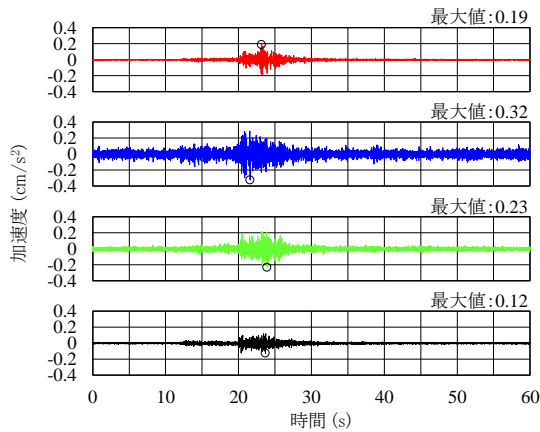


UD方向

No.37

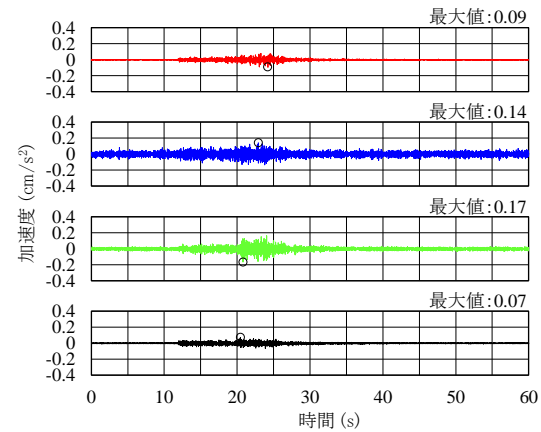


NS方向

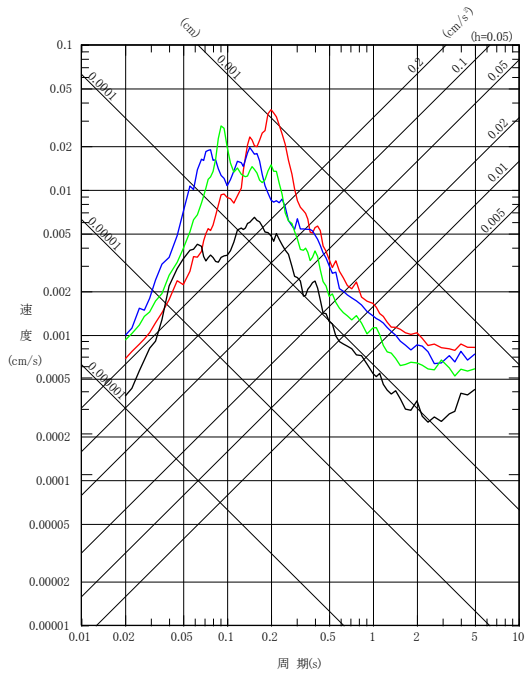


EW方向

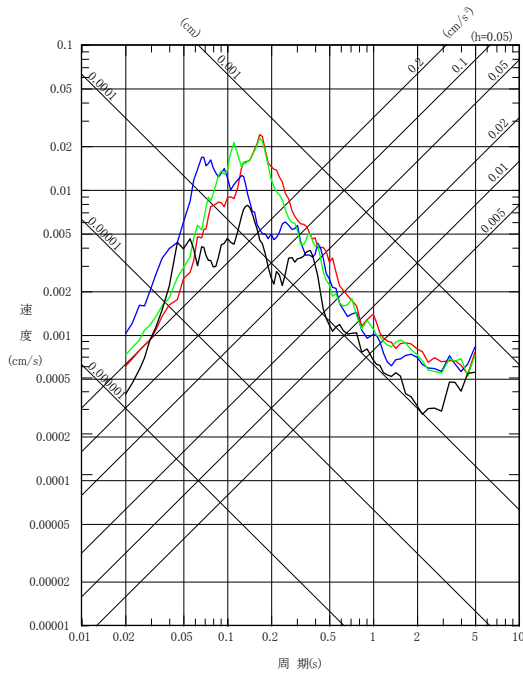
加速度時刻歴波形



UD方向

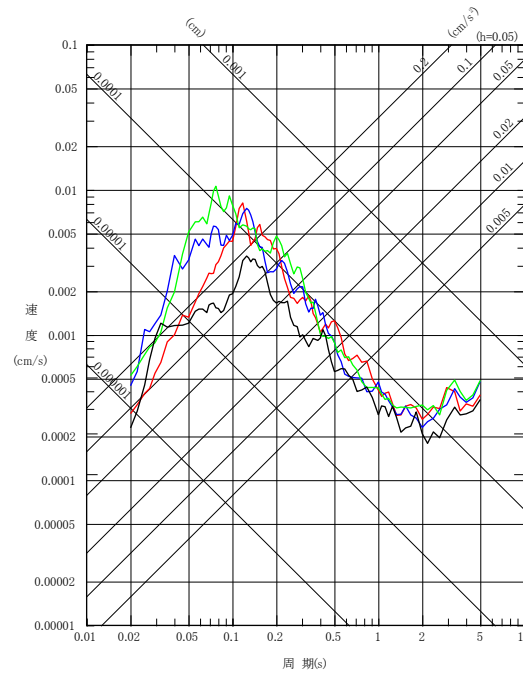


NS方向



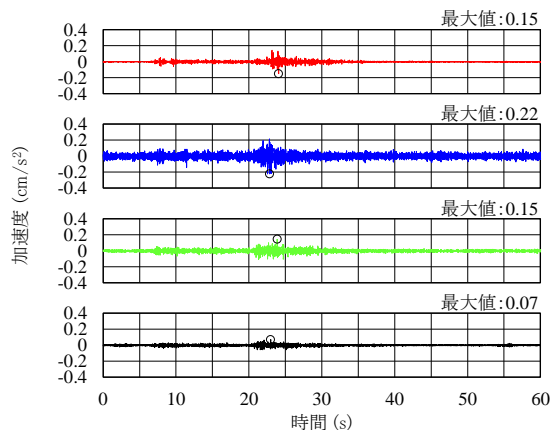
EW方向

擬似速度応答スペクトル

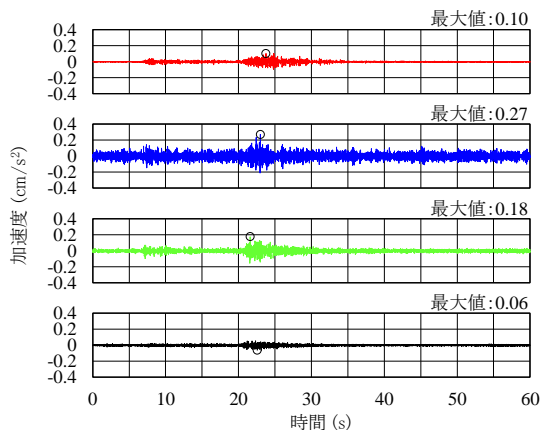


UD方向

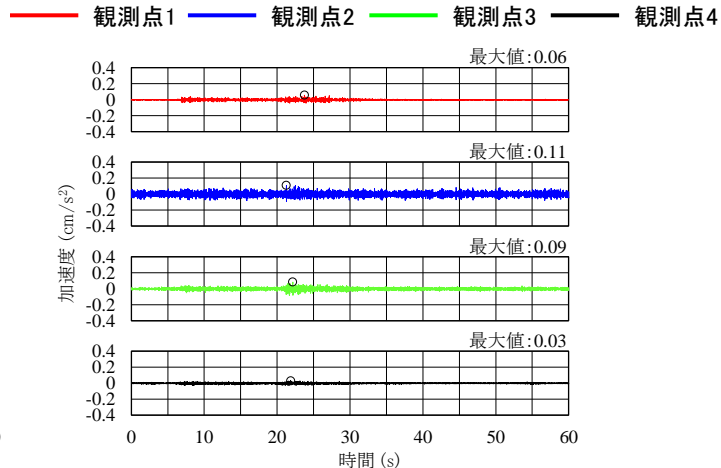
No.38



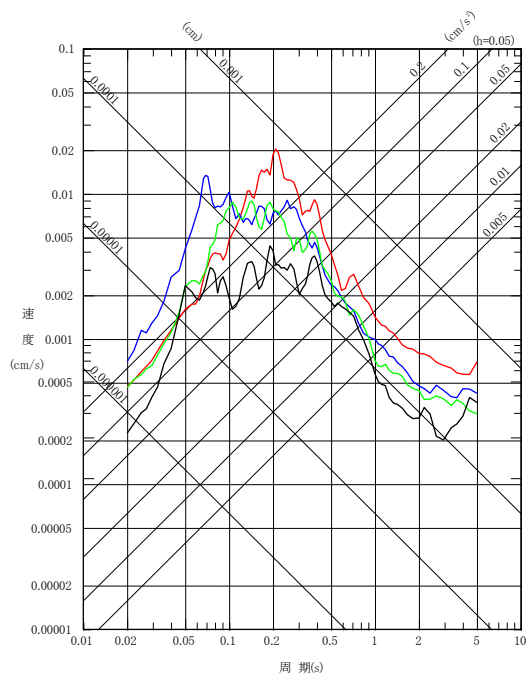
NS方向



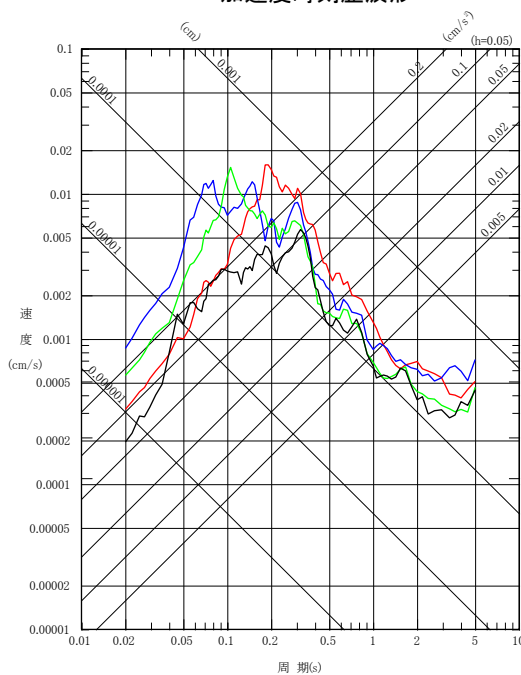
EW方向



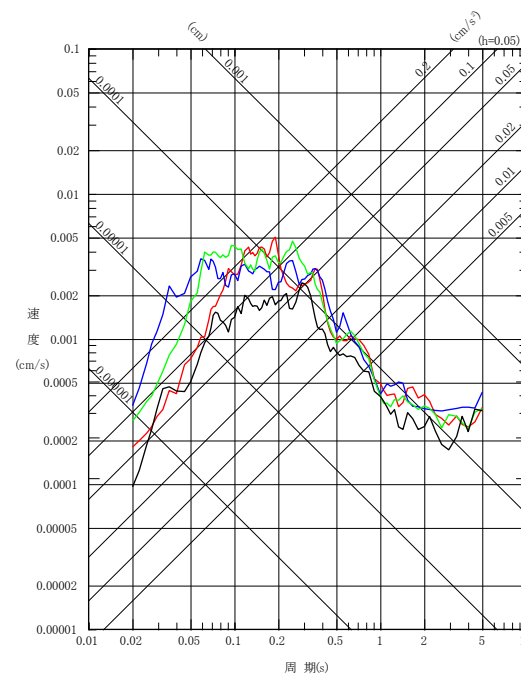
UD方向



NS方向

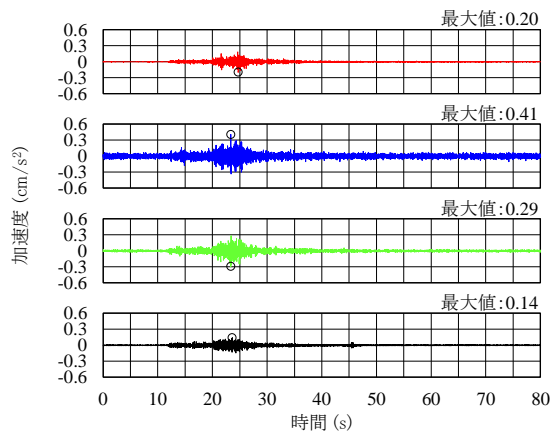


EW方向
擬似速度応答スペクトル

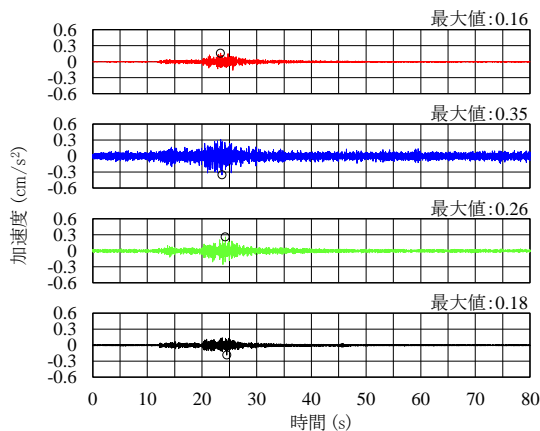


UD方向

No.39



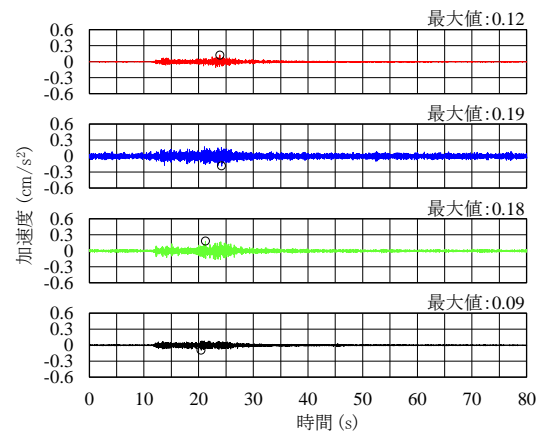
NS方向



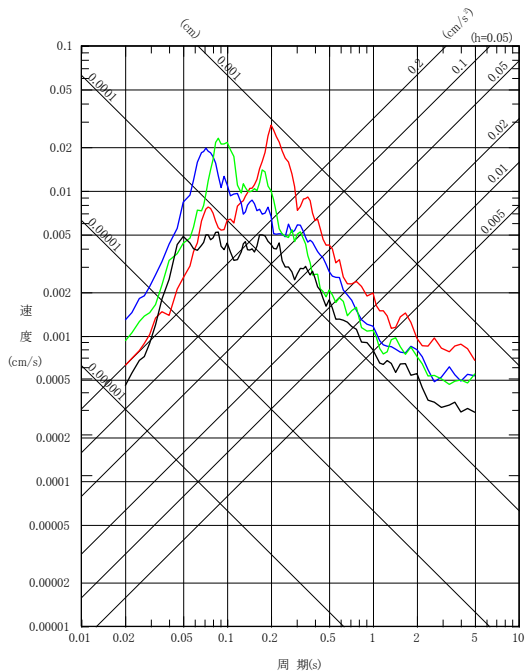
EW方向

加速度時刻歴波形

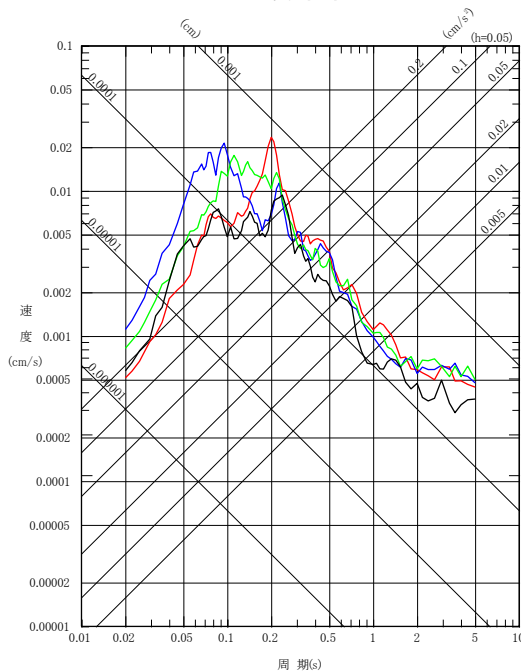
— 観測点1 — 観測点2 — 観測点3 — 観測点4



UD方向

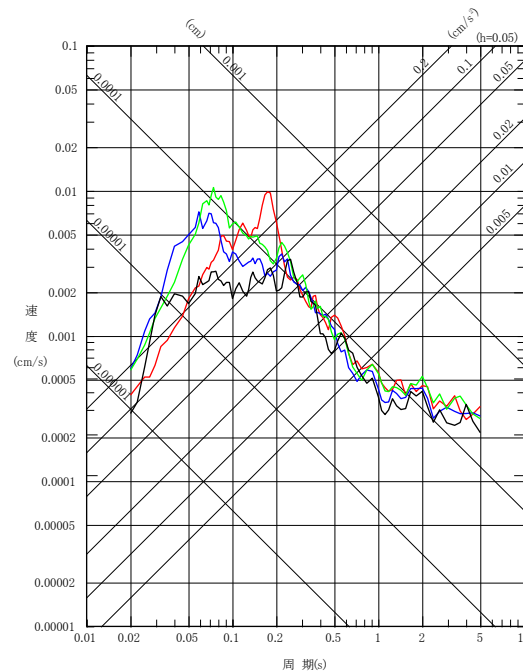


NS方向



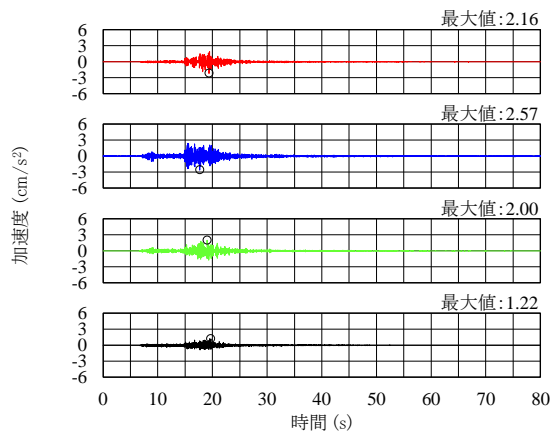
EW方向

擬似速度応答スペクトル

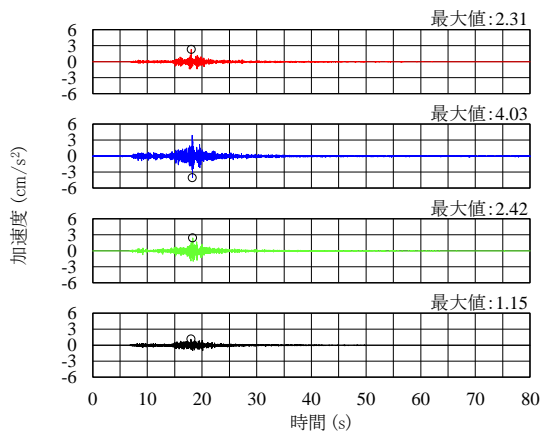


UD方向

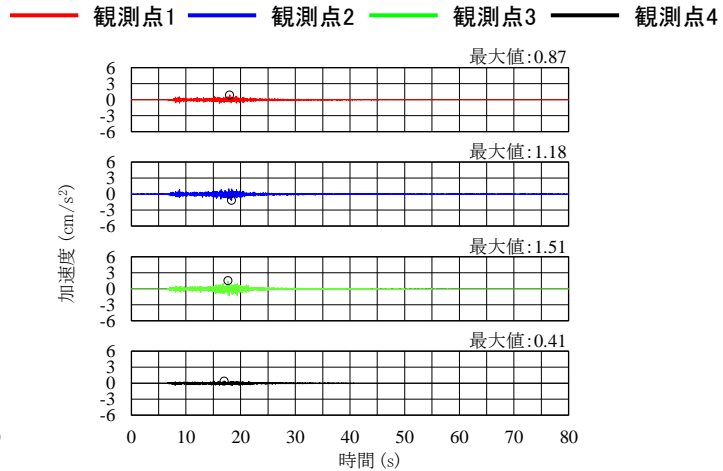
No.40



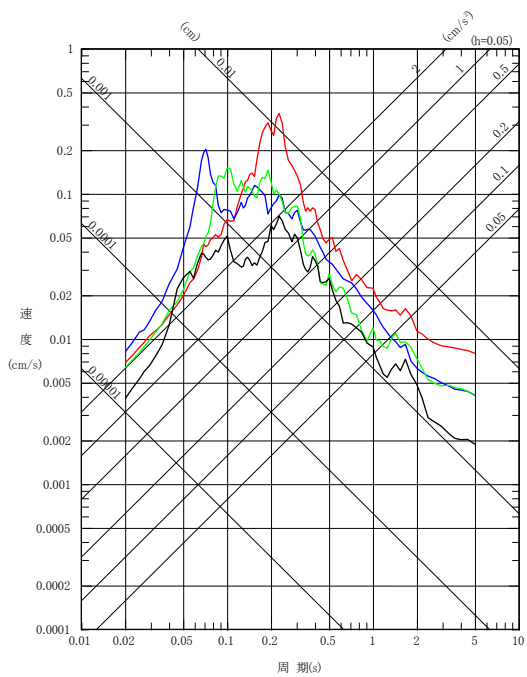
NS方向



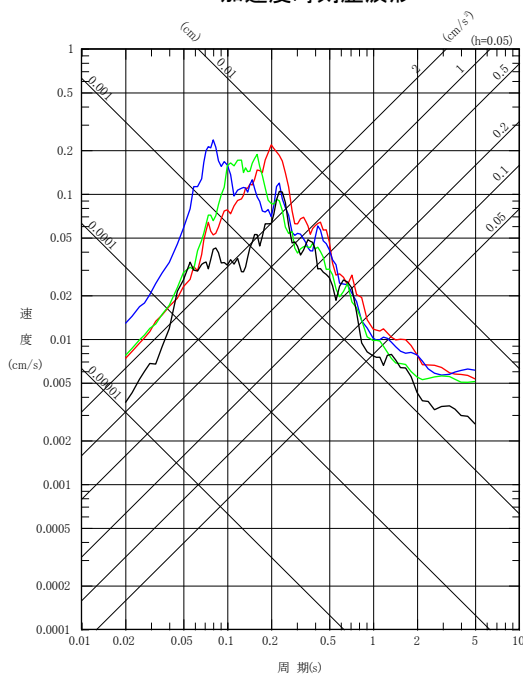
EW方向
 加速度時刻歴波形



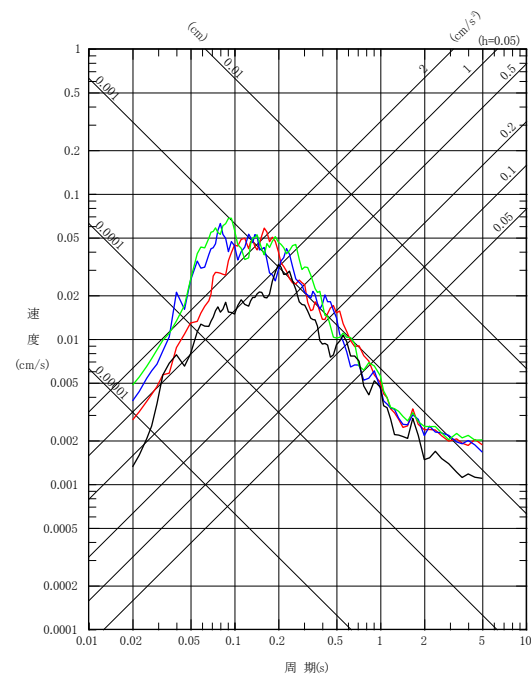
UD方向



NS方向

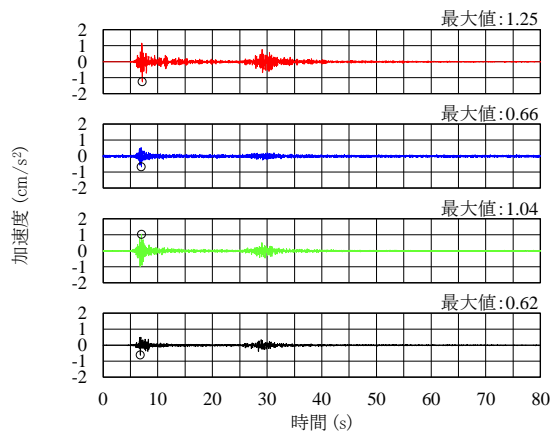


EW方向
 擬似速度応答スペクトル

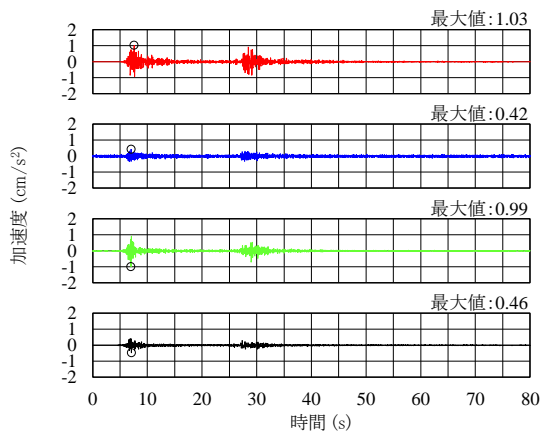


UD方向

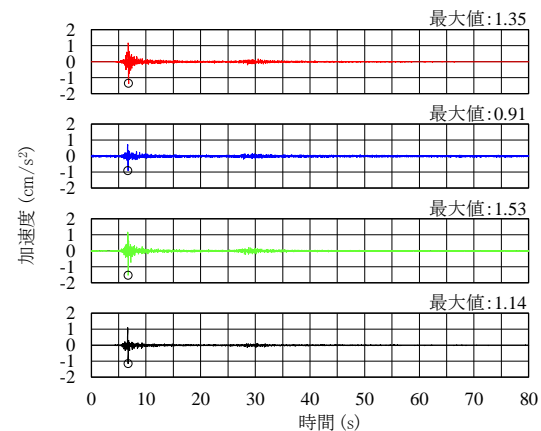
No.41



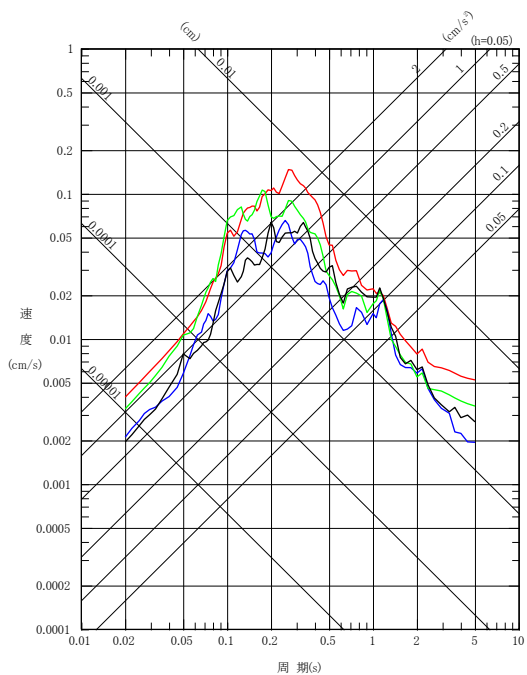
NS方向



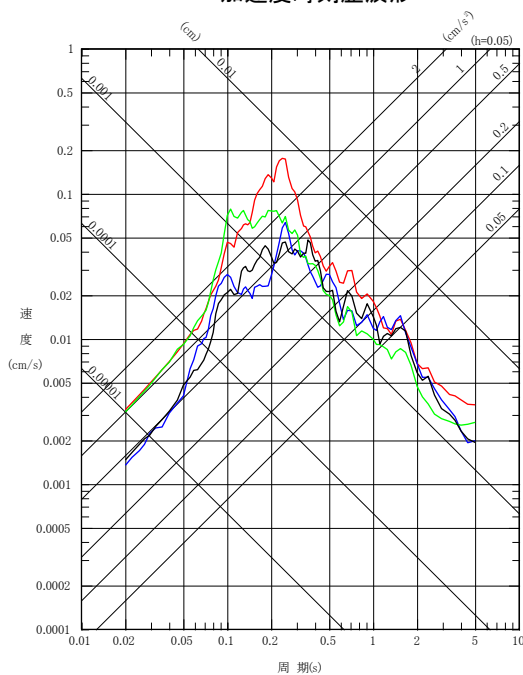
EW方向
加速度時刻歴波形



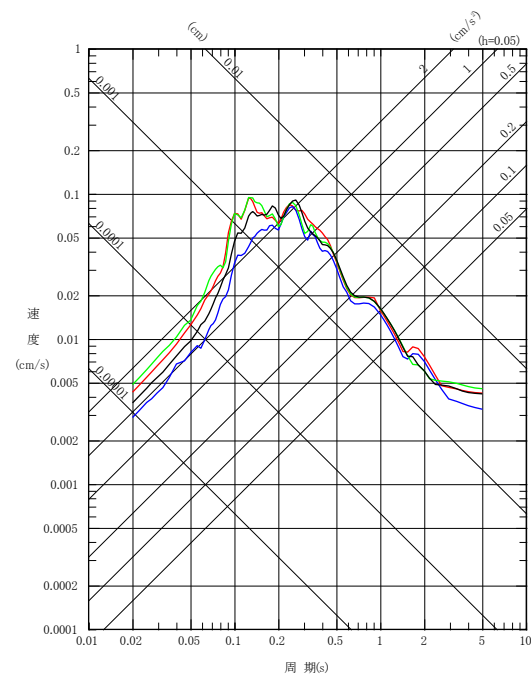
UD方向



NS方向



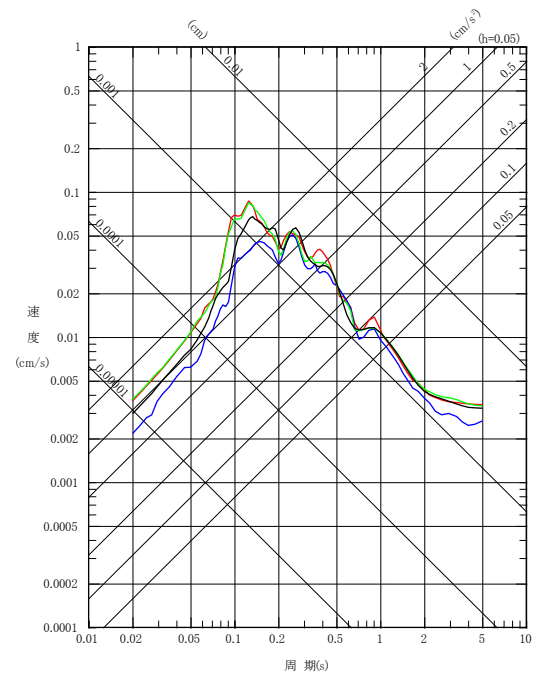
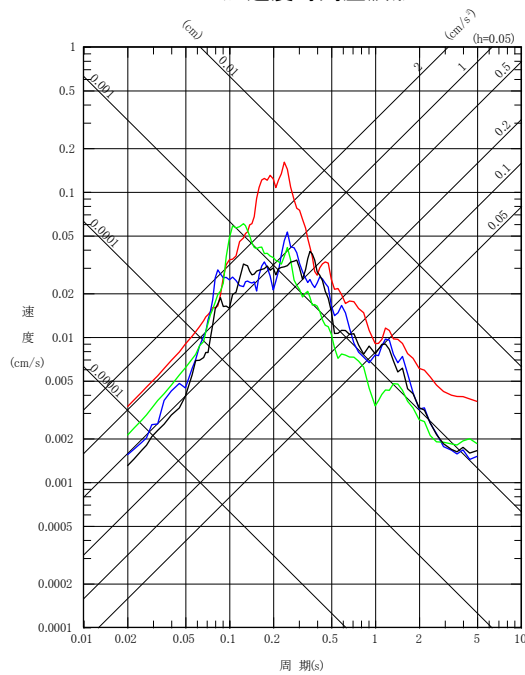
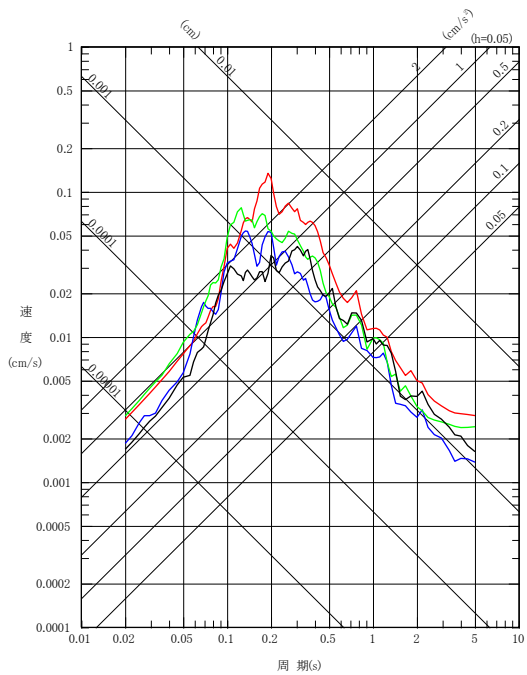
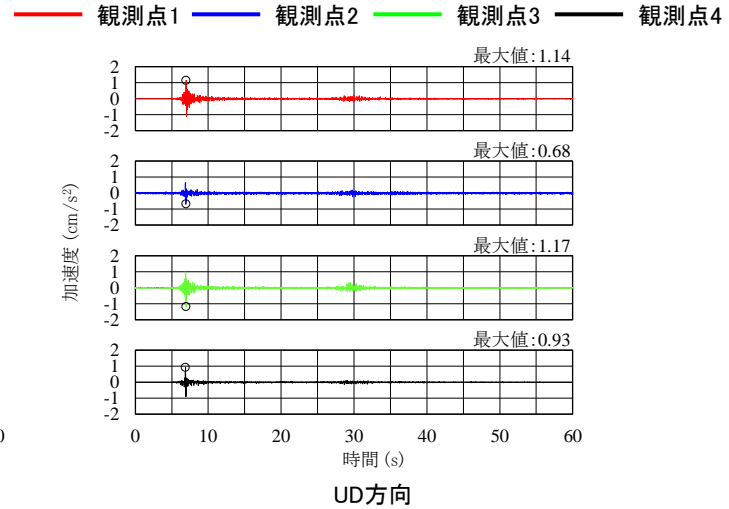
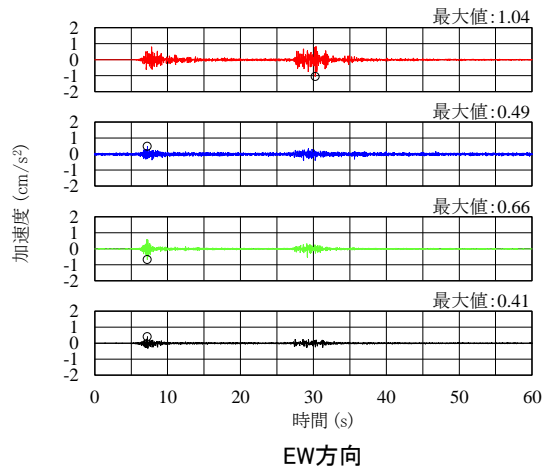
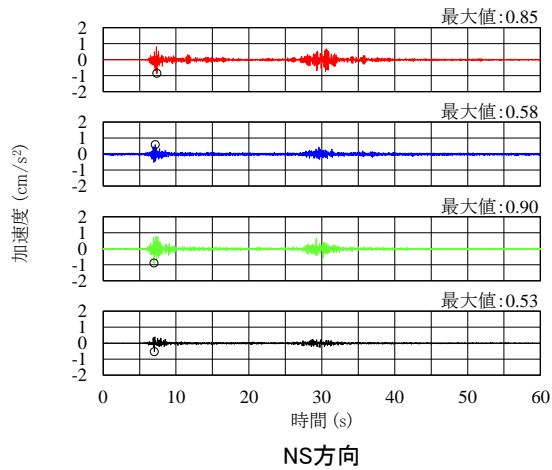
EW方向
擬似速度応答スペクトル



UD方向

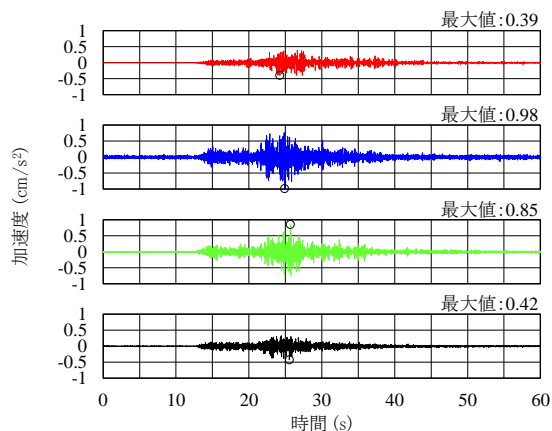
— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.42

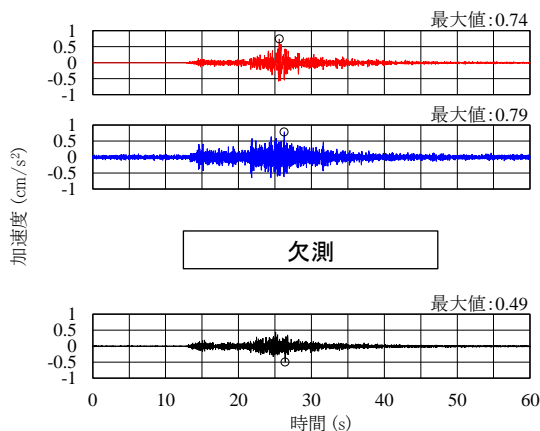


EW方向
擬似速度応答スペクトル

No.43

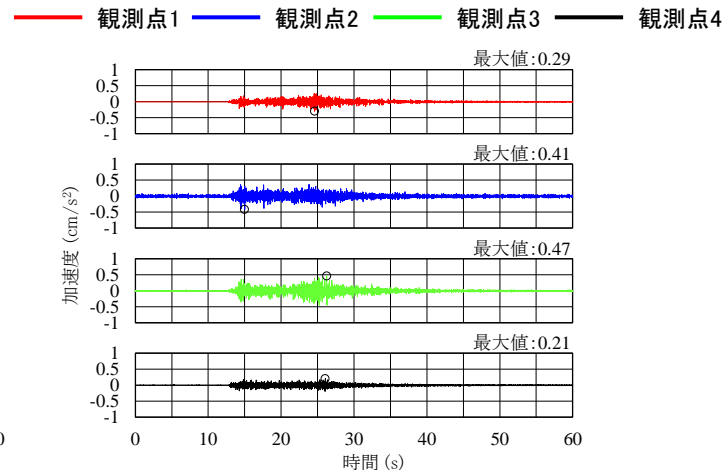


NS方向

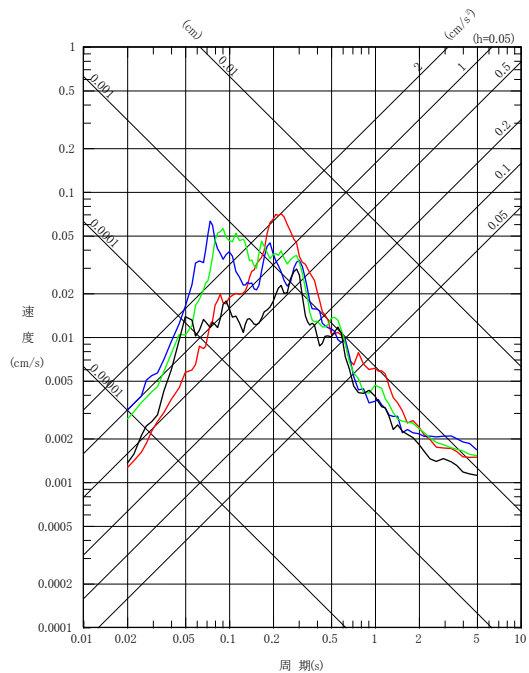


EW方向

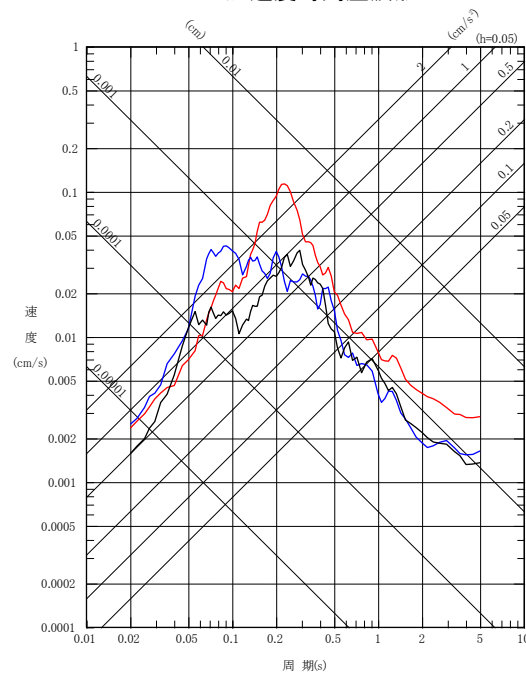
加速度時刻歴波形



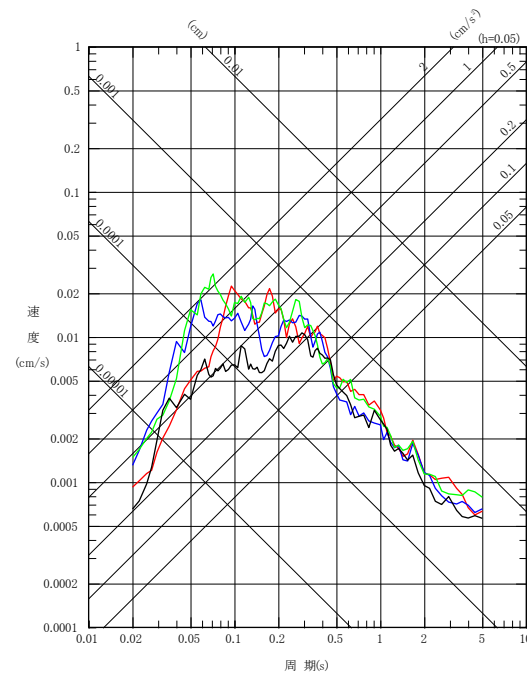
UD方向



NS方向

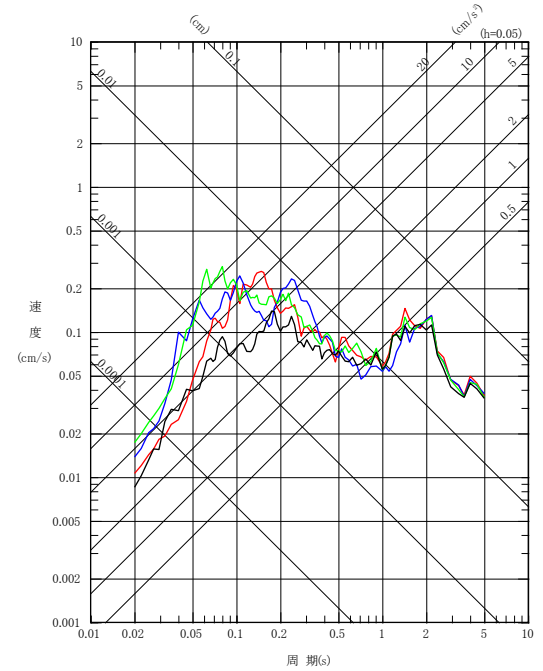
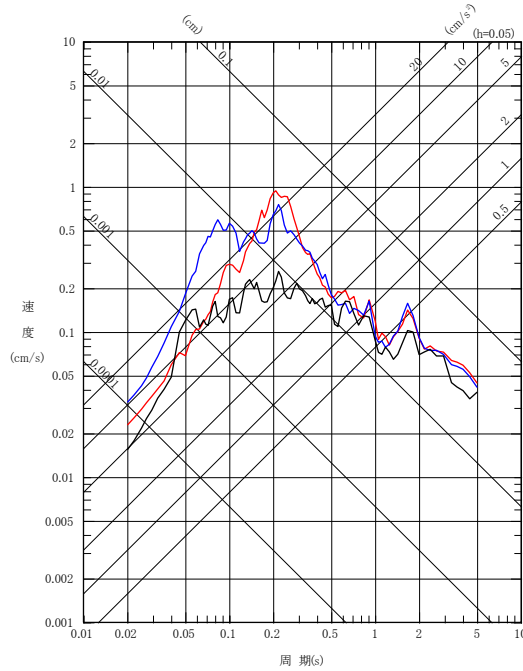
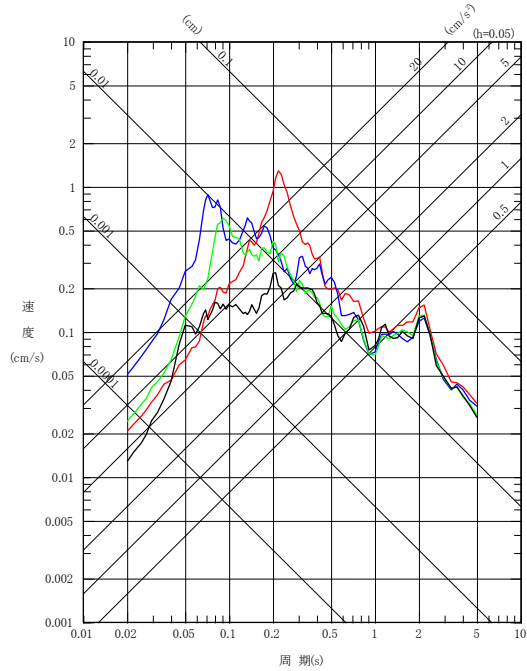
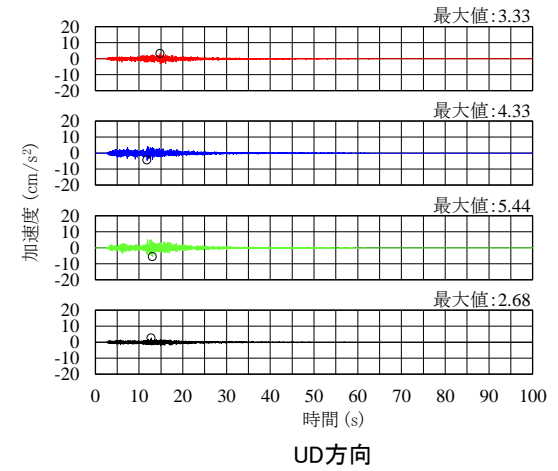
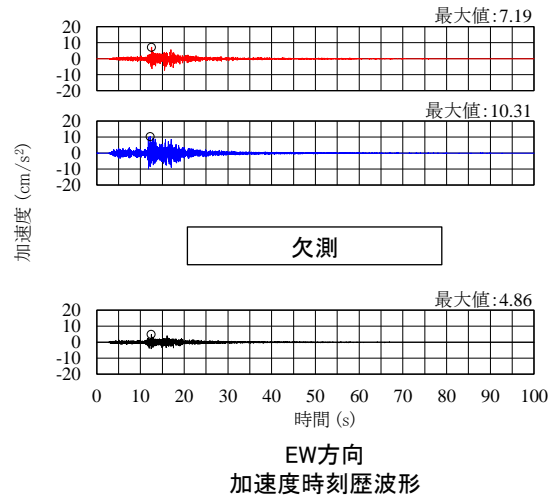
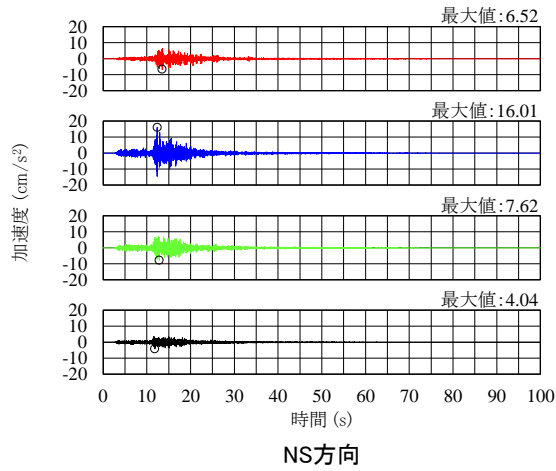


EW方向
擬似速度応答スペクトル



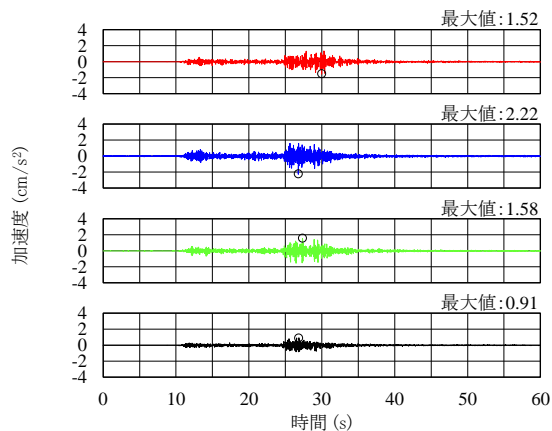
UD方向

No.44

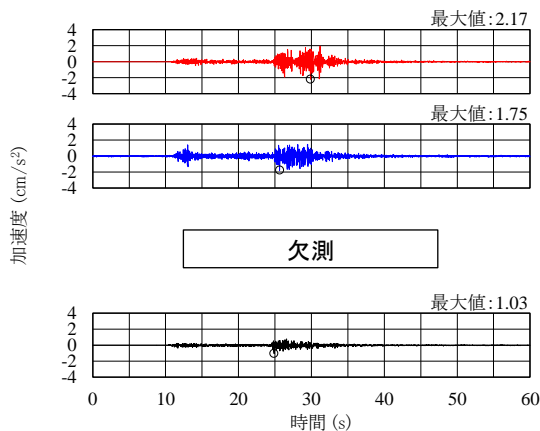


EW方向
擬似速度応答スペクトル

No.45

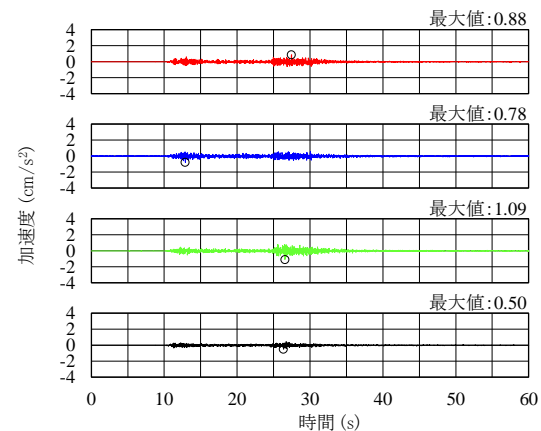


NS方向

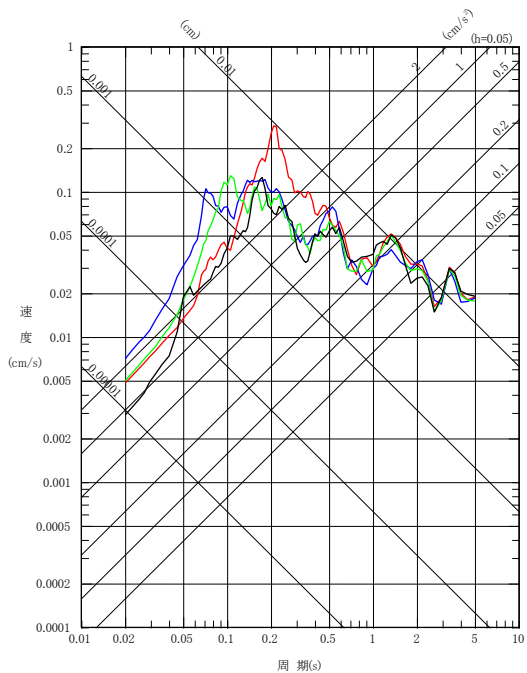


EW方向

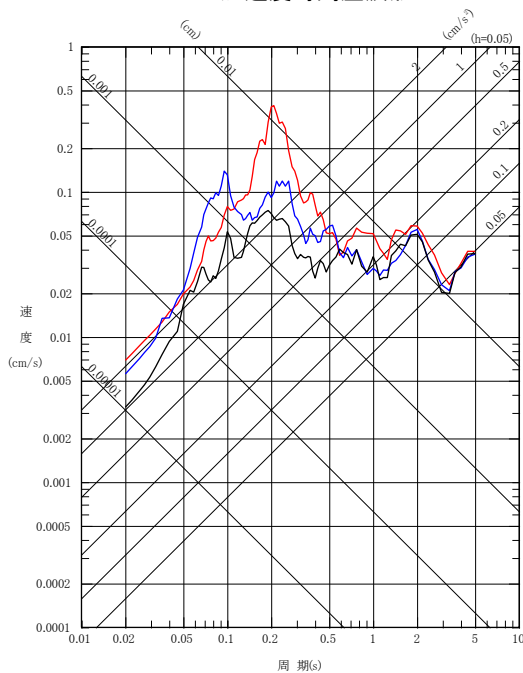
加速度時刻歴波形



UD方向

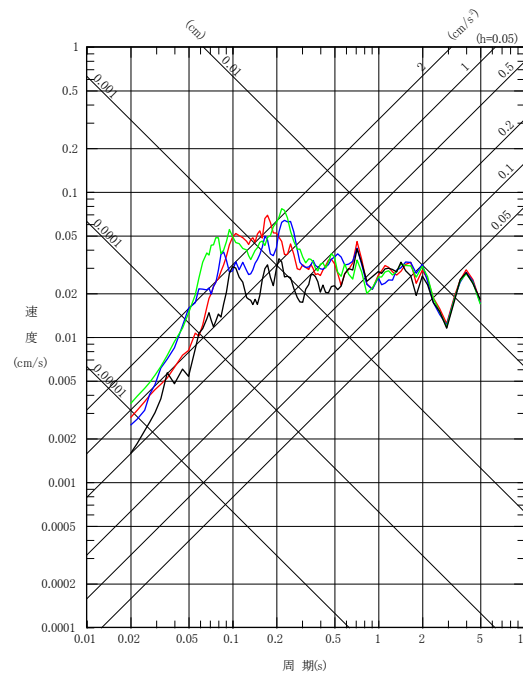


NS方向



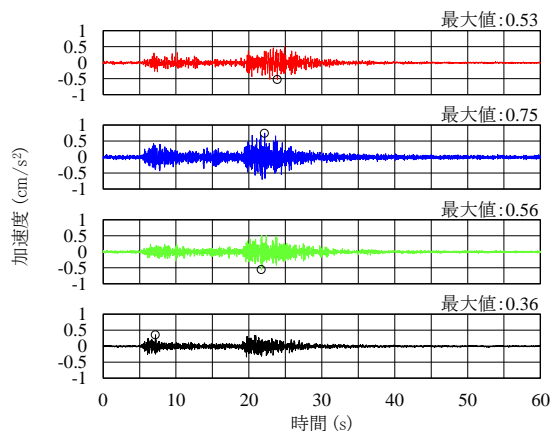
EW方向

擬似速度応答スペクトル

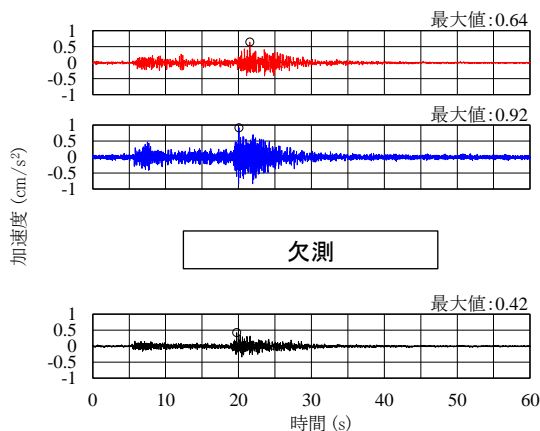


UD方向

No.46

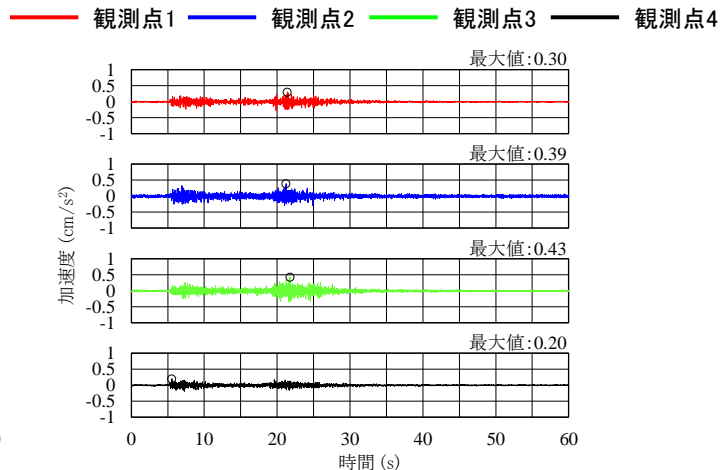


NS方向

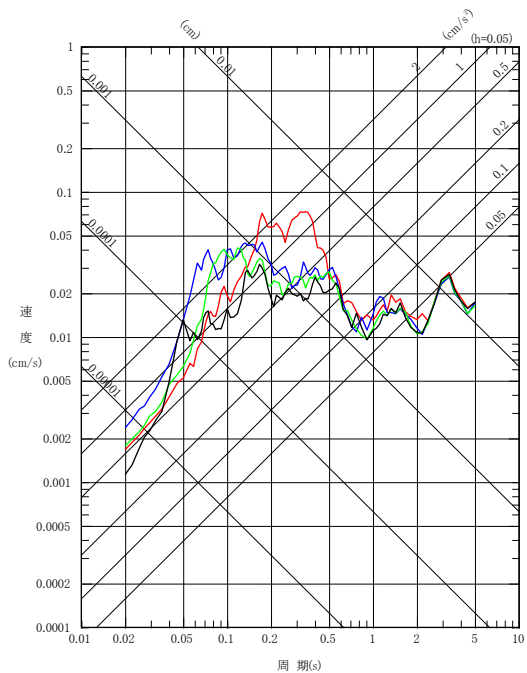


EW方向

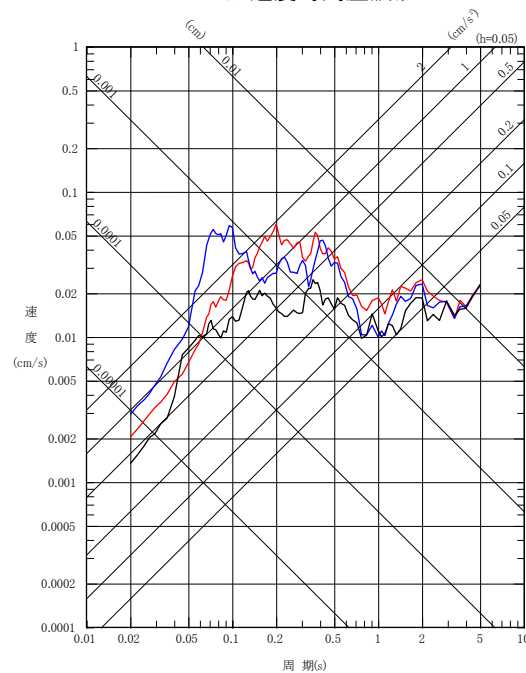
加速度時刻歴波形



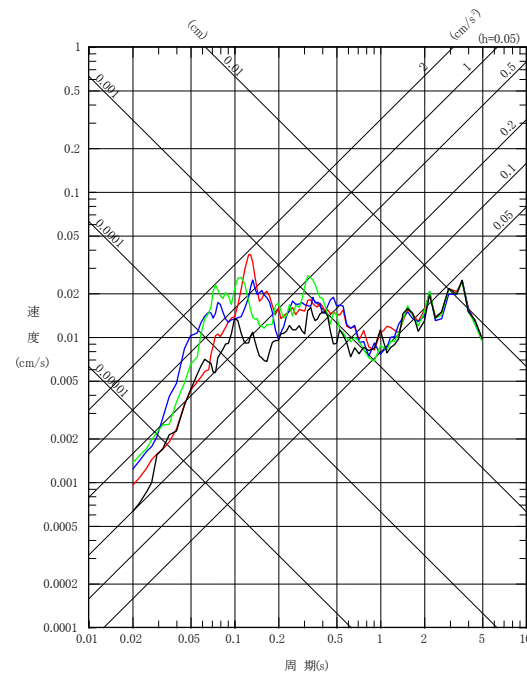
UD方向



NS方向

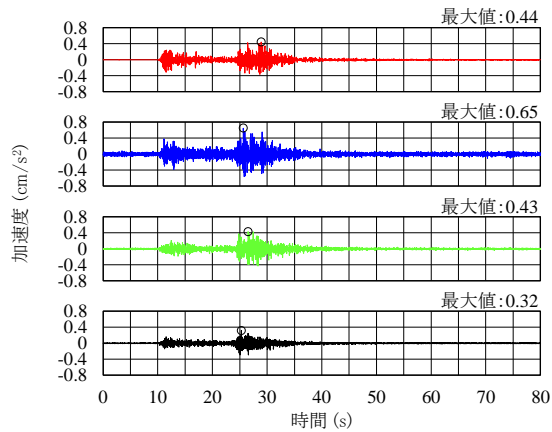


EW方向
擬似速度応答スペクトル

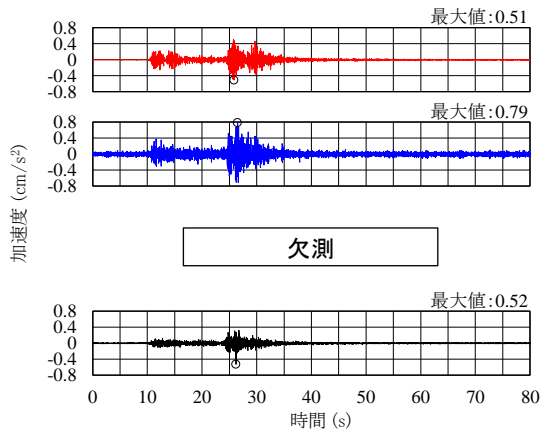


UD方向

No.47

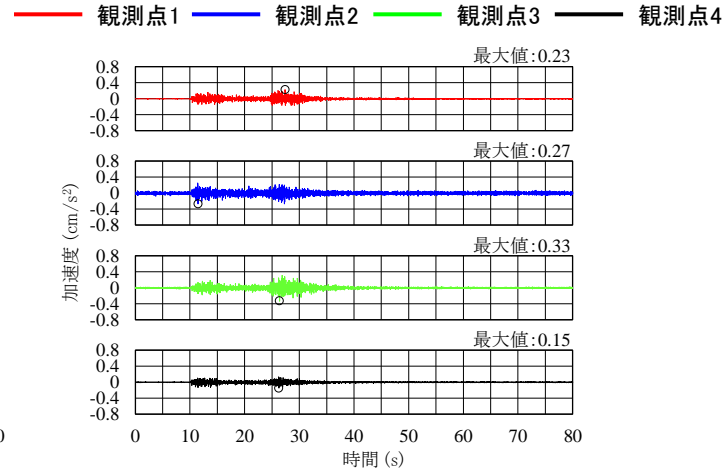


NS方向

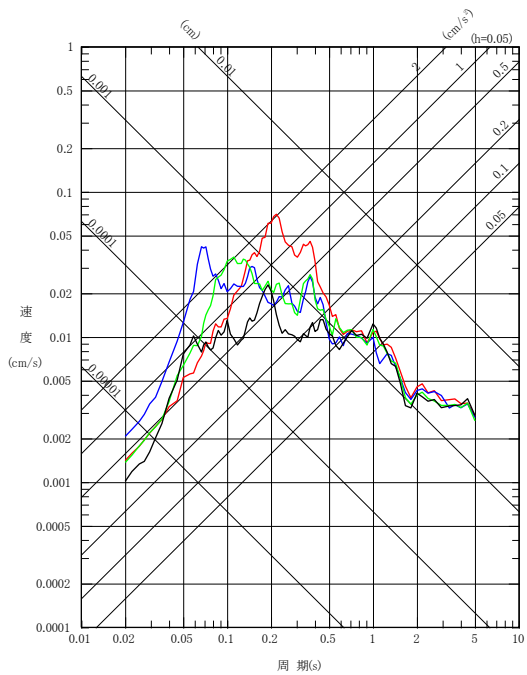


EW方向

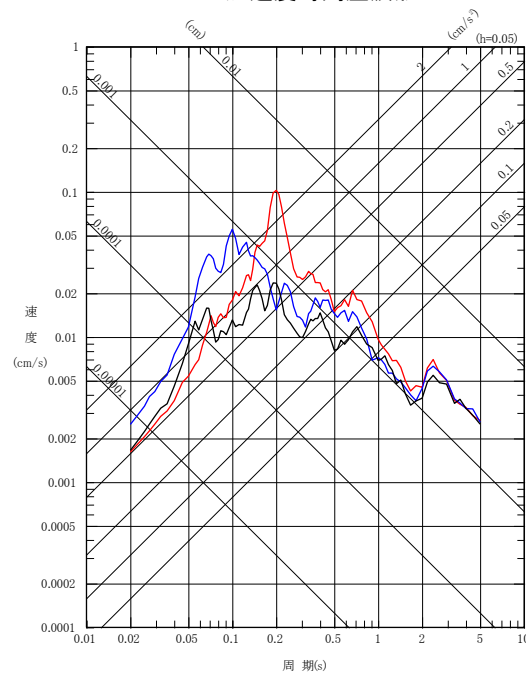
加速度時刻歴波形



UD方向

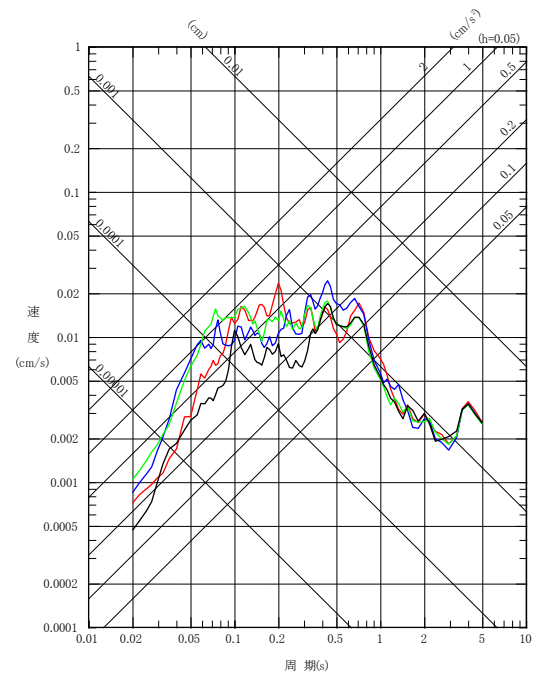


NS方向



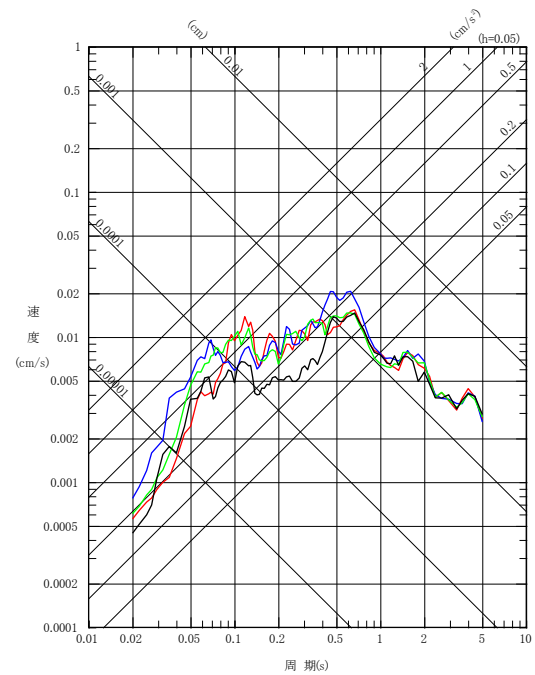
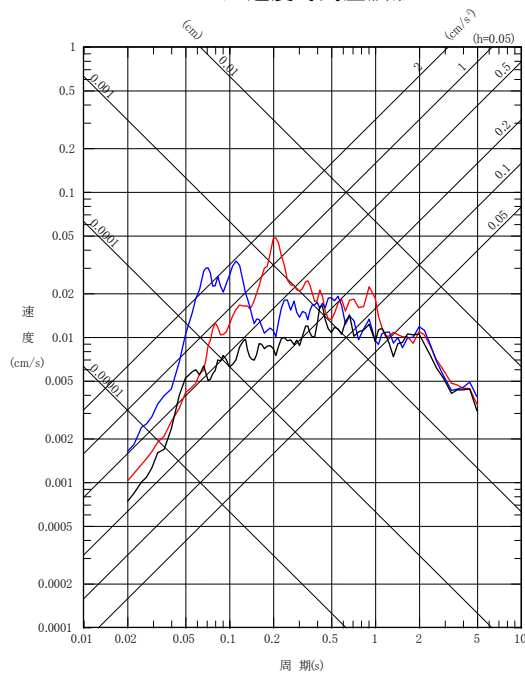
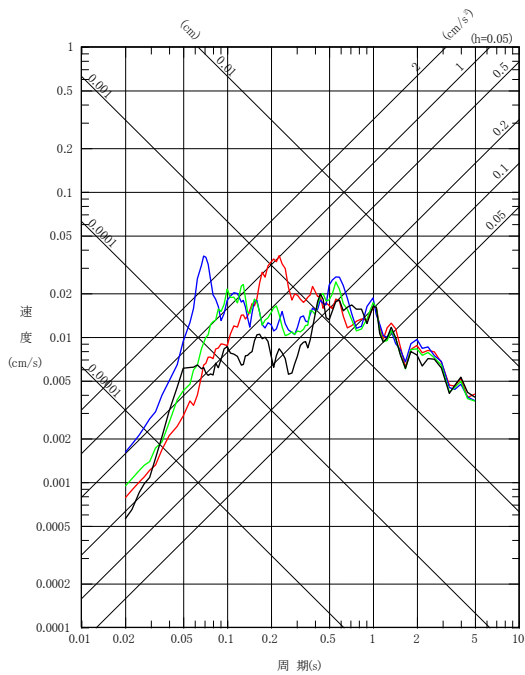
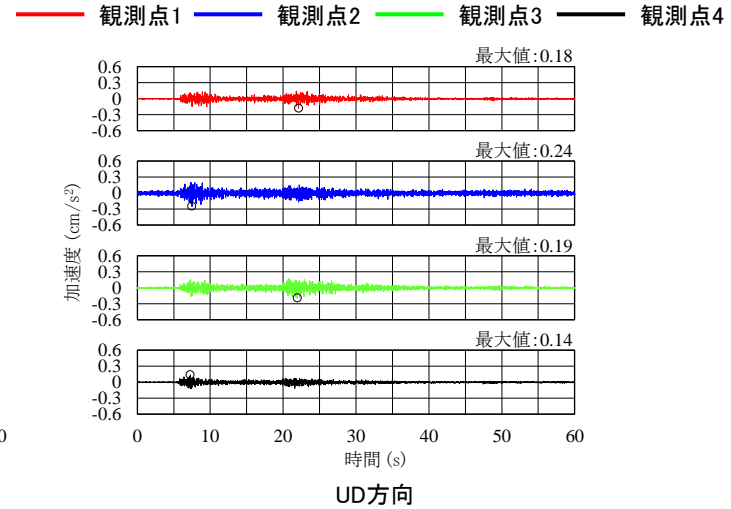
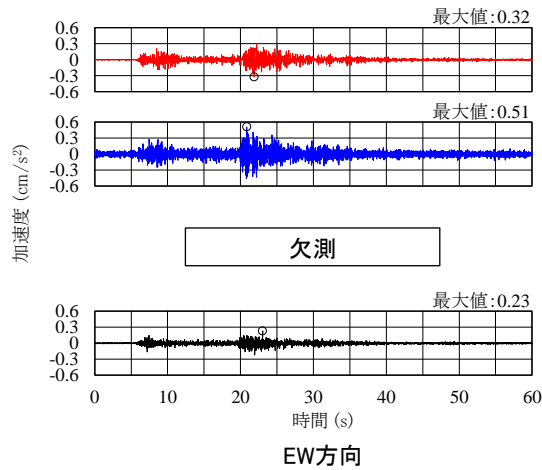
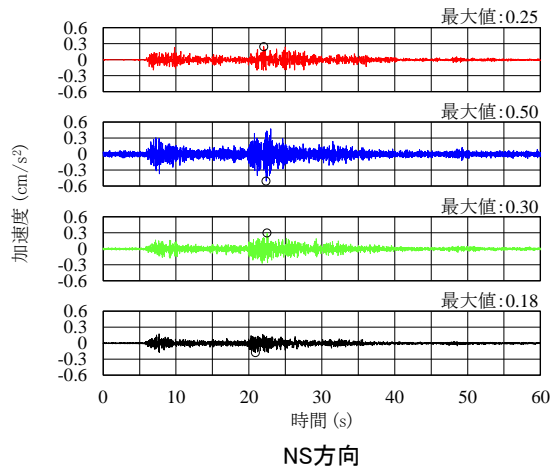
EW方向

擬似速度応答スペクトル



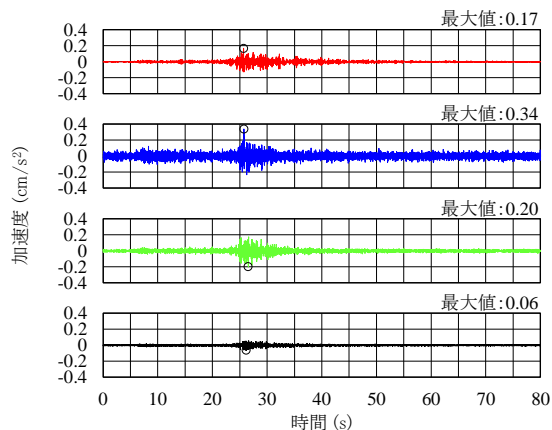
UD方向

No.48

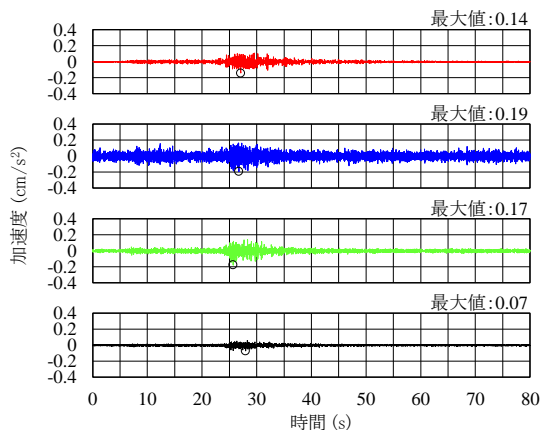


擬似速度応答スペクトル

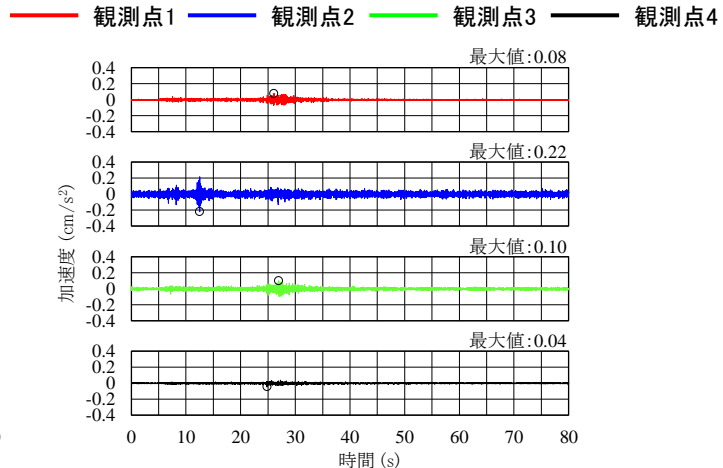
No.49



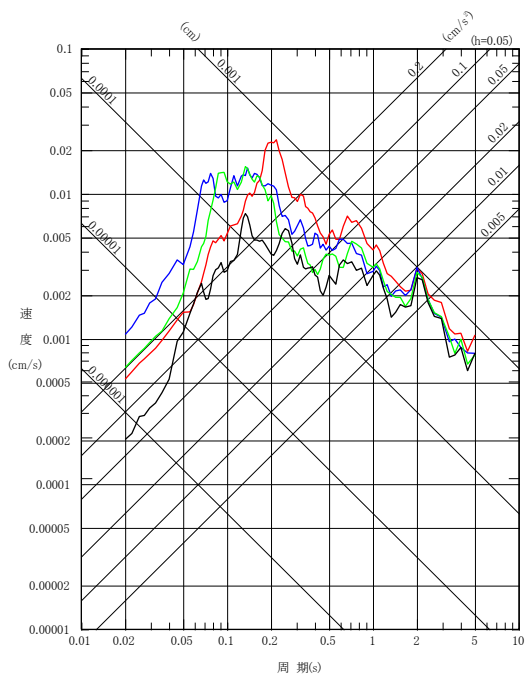
NS方向



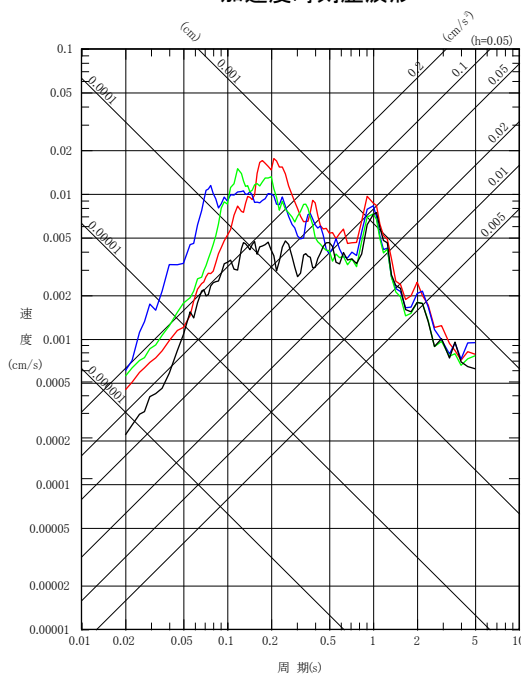
EW方向
加速度時刻歴波形



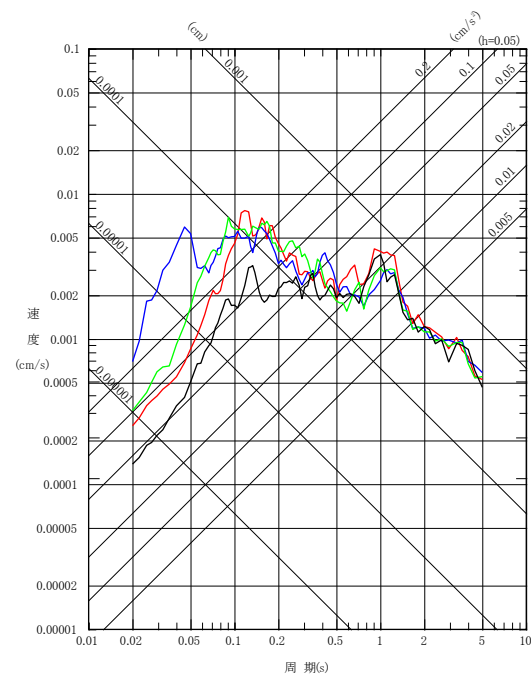
UD方向



NS方向

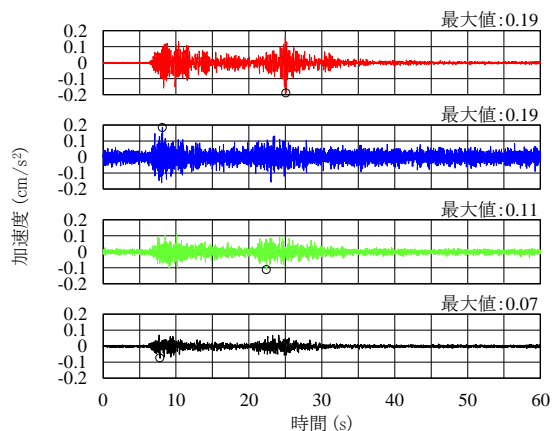


EW方向
擬似速度応答スペクトル

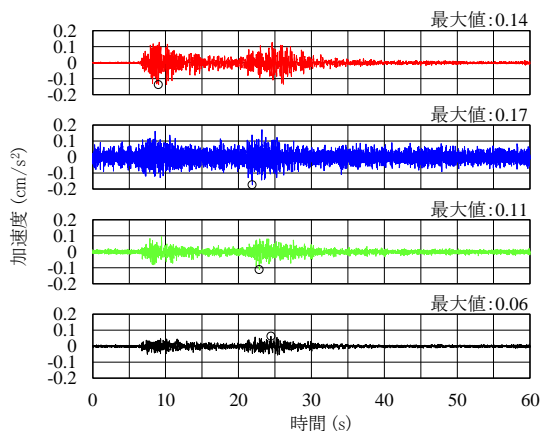


UD方向

No.50

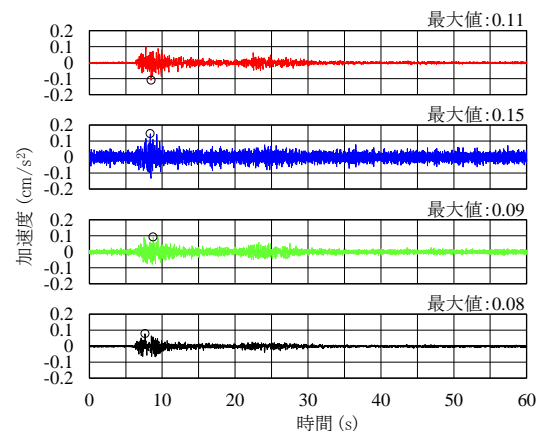


NS方向



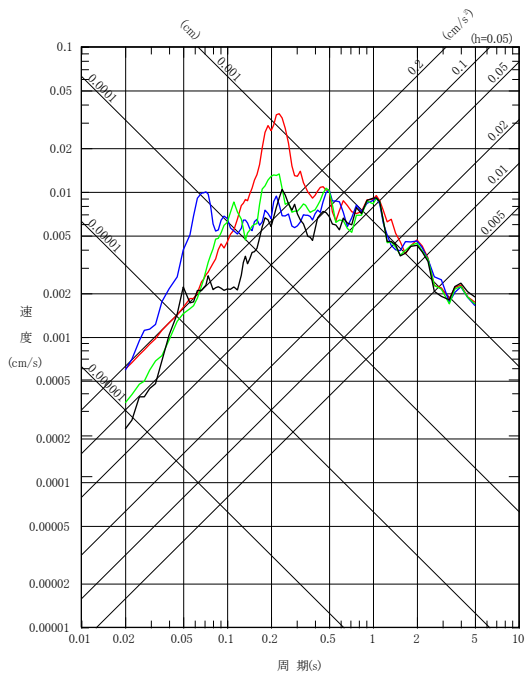
EW方向

加速度時刻歴波形

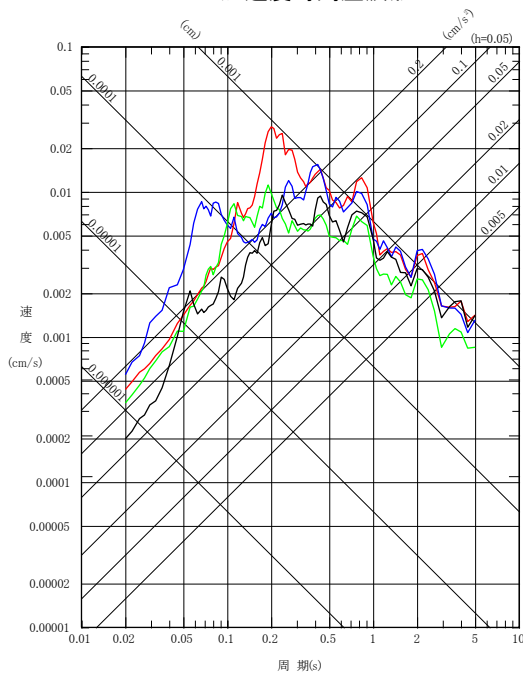


UD方向

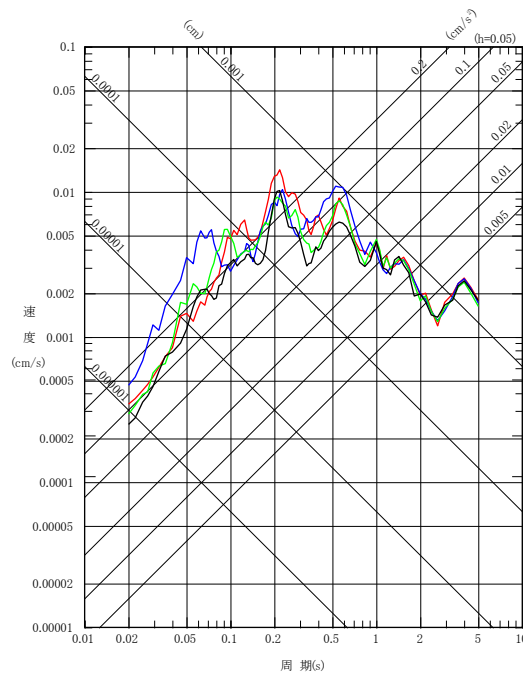
— 観測点1 — 観測点2 — 観測点3 — 観測点4



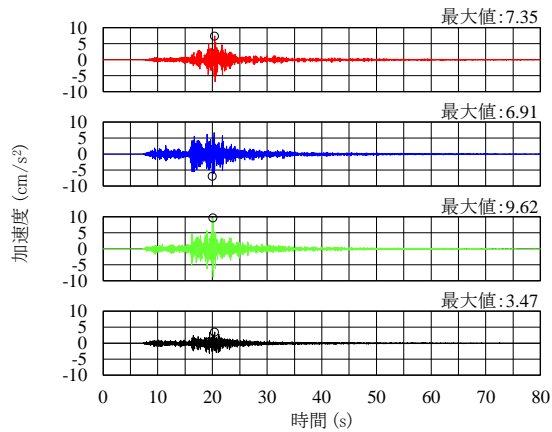
NS方向



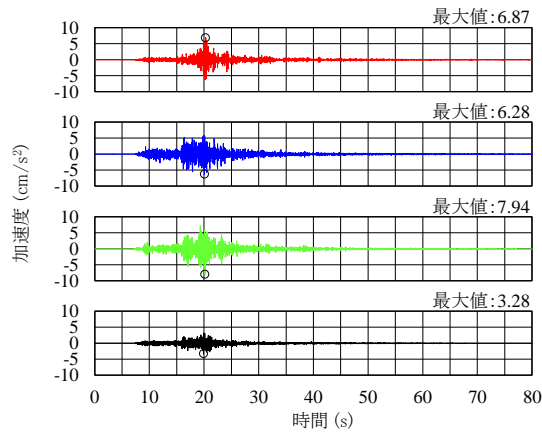
EW方向
擬似速度応答スペクトル



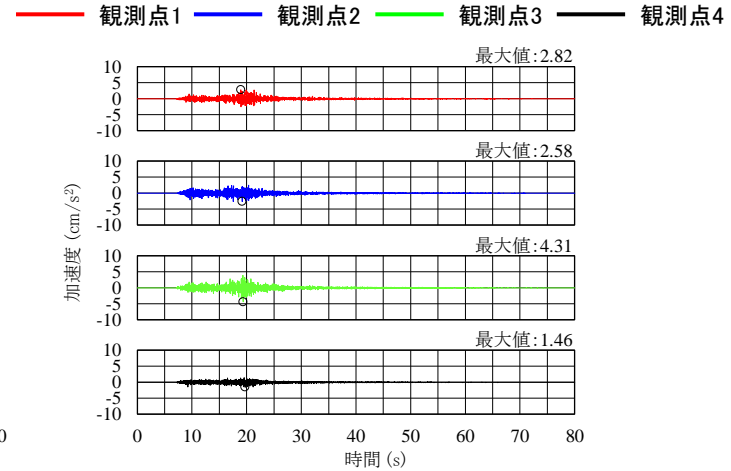
UD方向



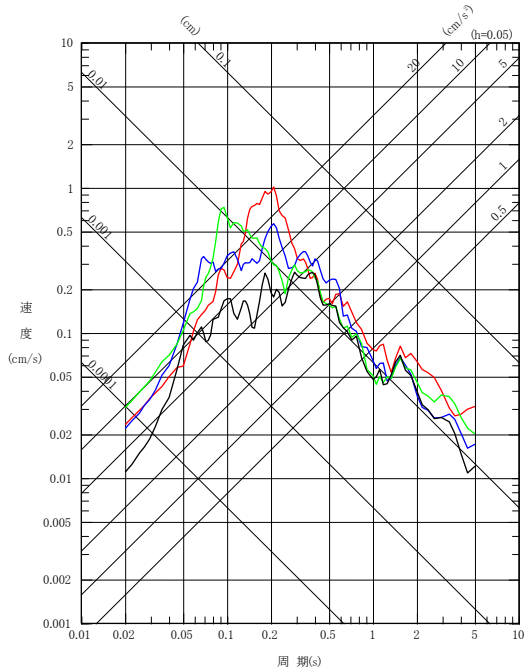
NS方向



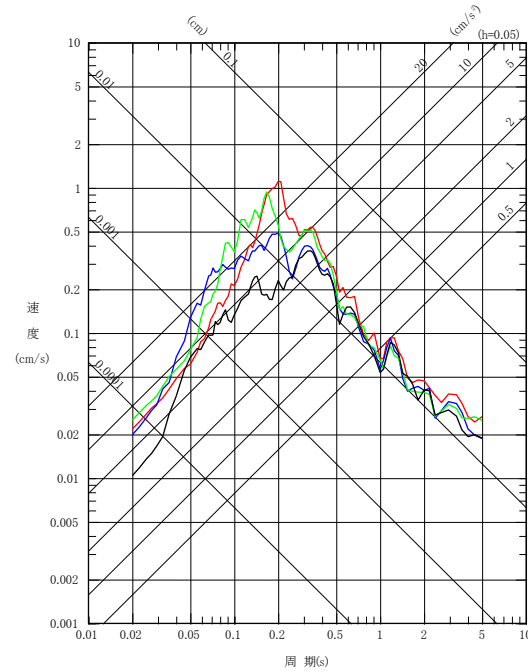
EW方向
加速度時刻歴波形



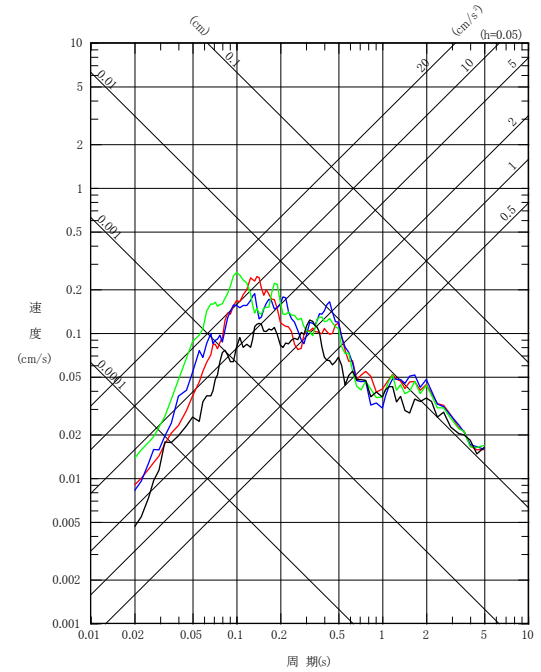
UD方向



NS方向

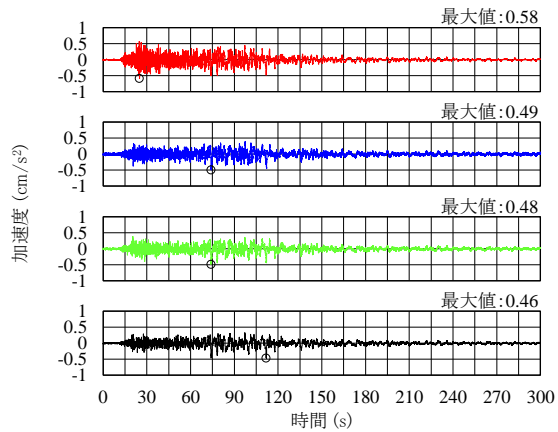


EW方向
擬似速度応答スペクトル

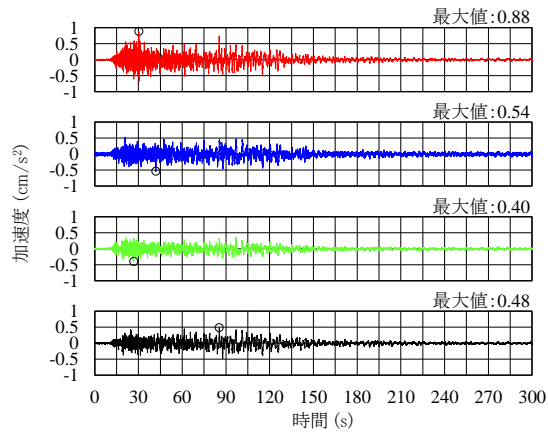


UD方向

No.52

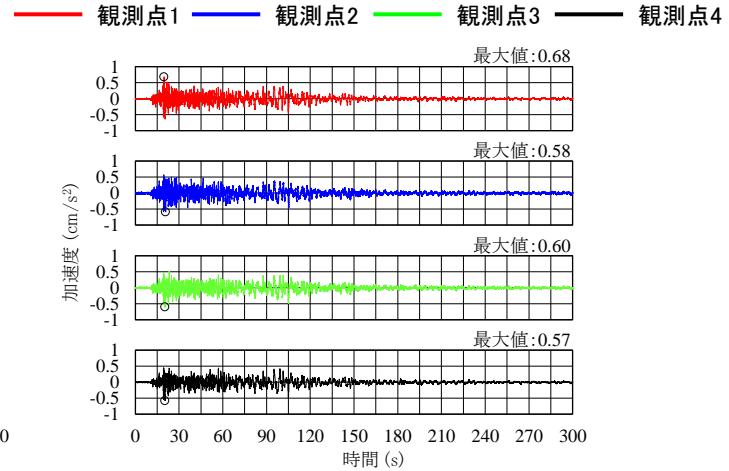


NS方向

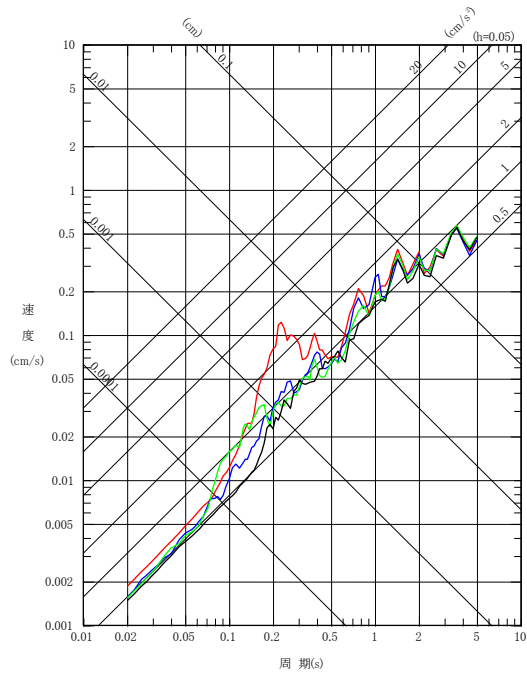


EW方向

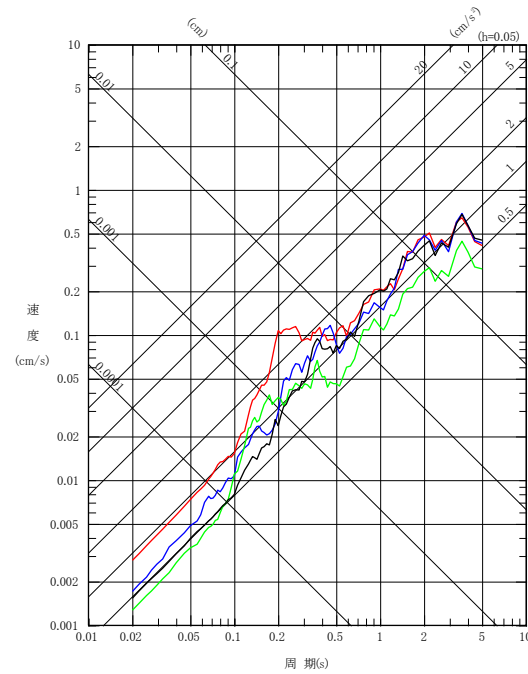
加速度時刻歴波形



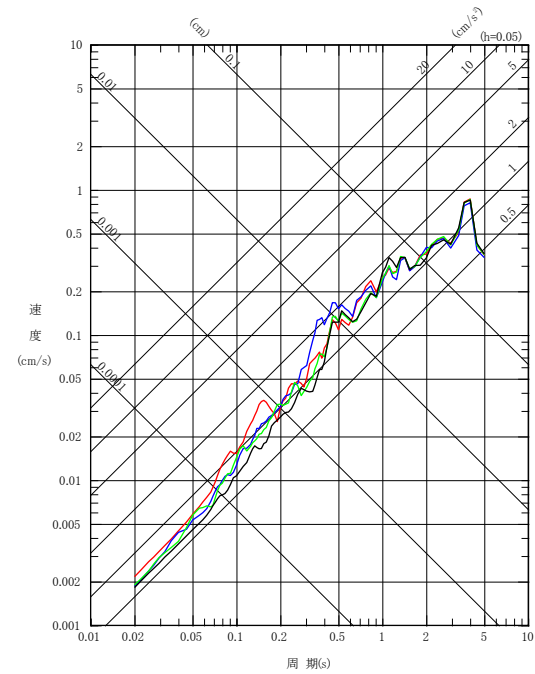
UD方向



NS方向

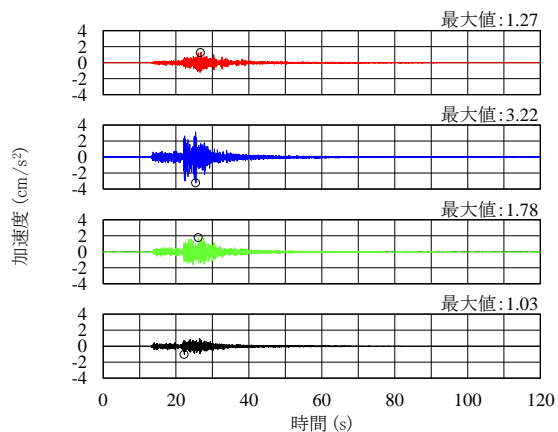


EW方向
擬似速度応答スペクトル

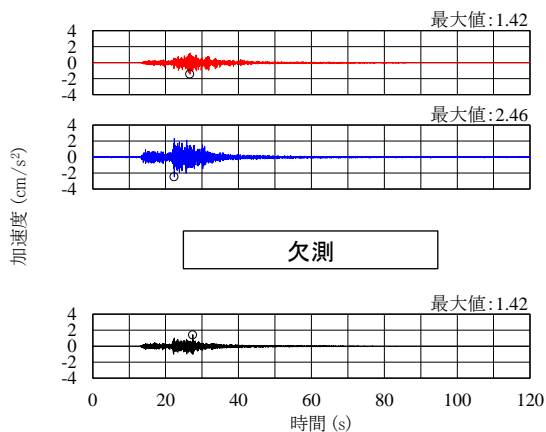


UD方向

No.53

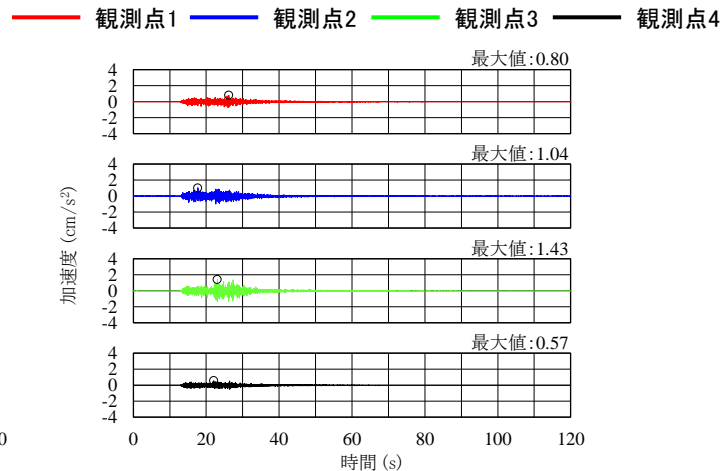


NS方向

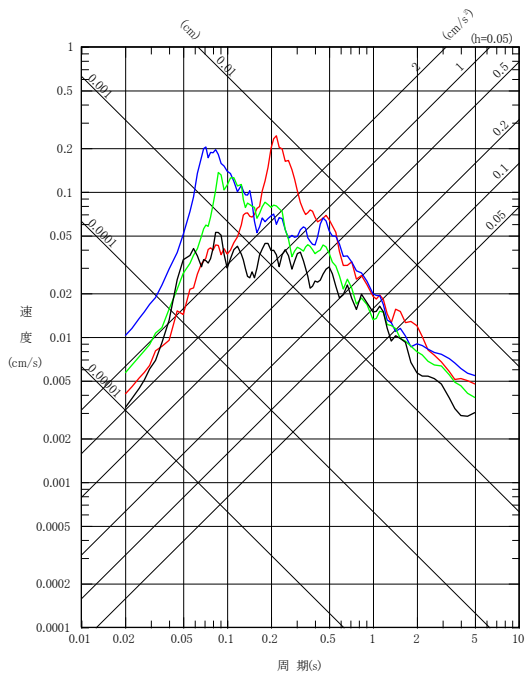


EW方向

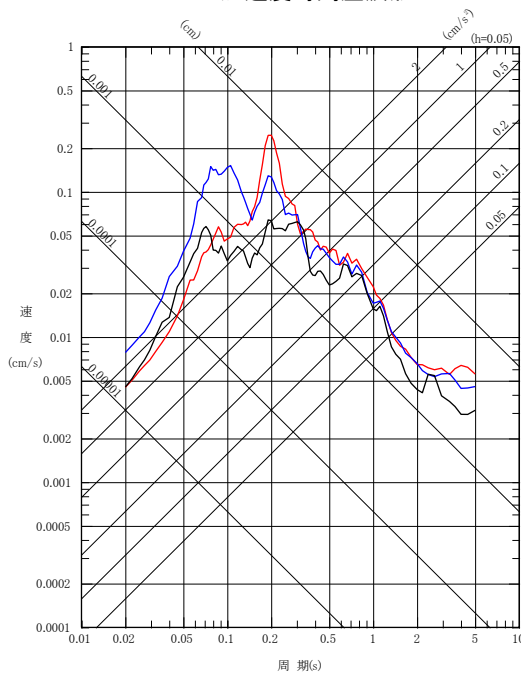
加速度時刻歴波形



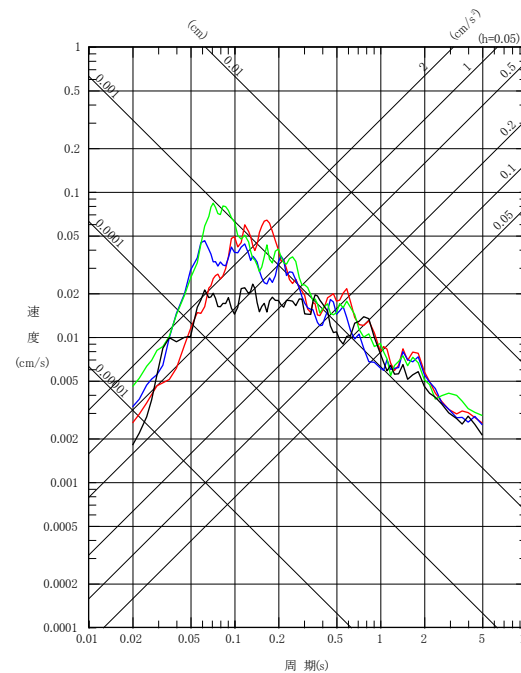
UD方向



NS方向

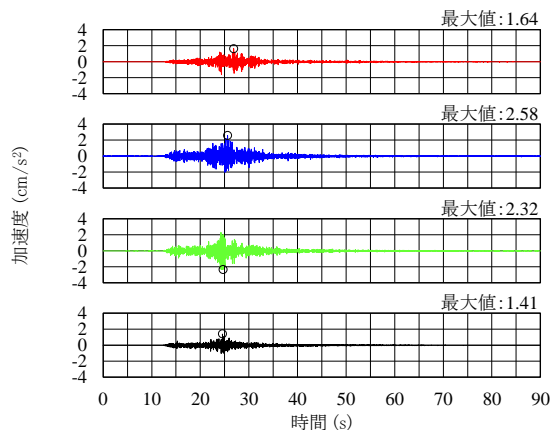


EW方向
擬似速度応答スペクトル

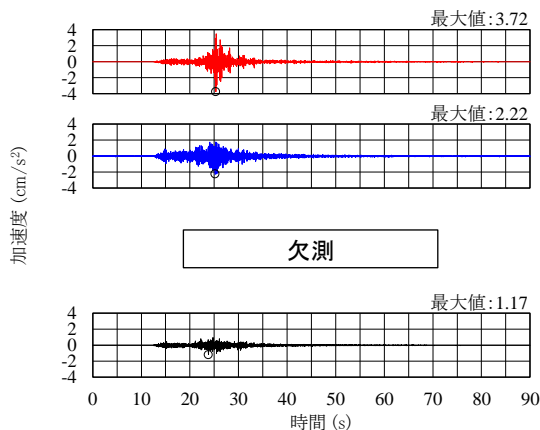


UD方向

No.54



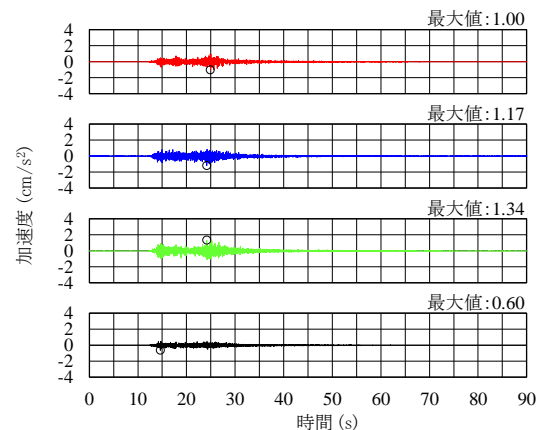
NS方向



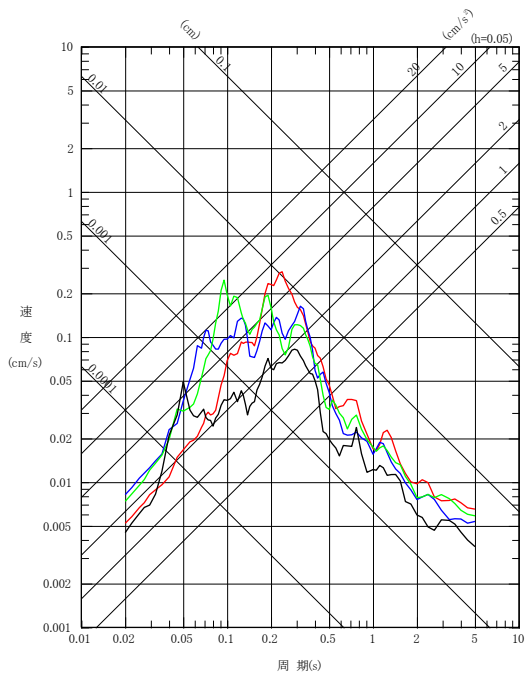
EW方向

加速度時刻歴波形

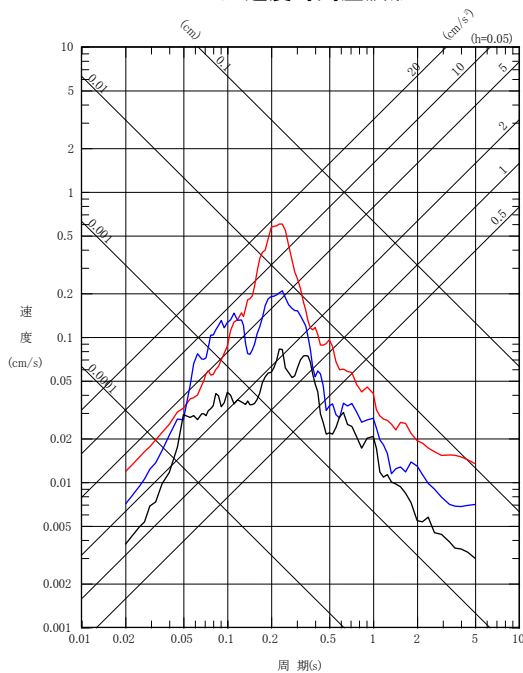
— 観測点1 — 観測点2 — 観測点3 — 観測点4



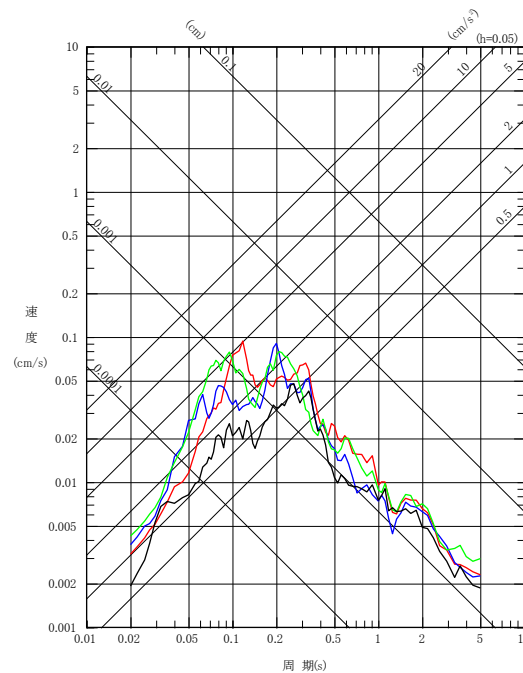
UD方向



NS方向

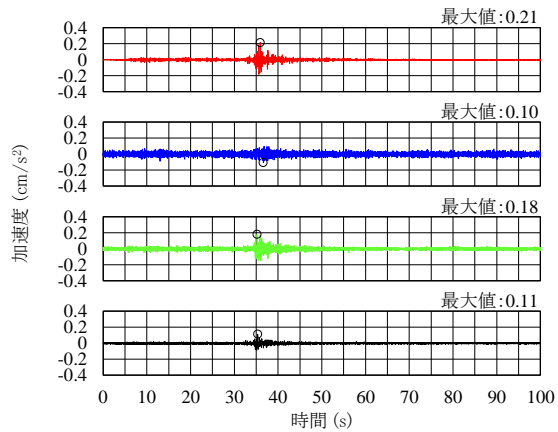


EW方向
擬似速度応答スペクトル

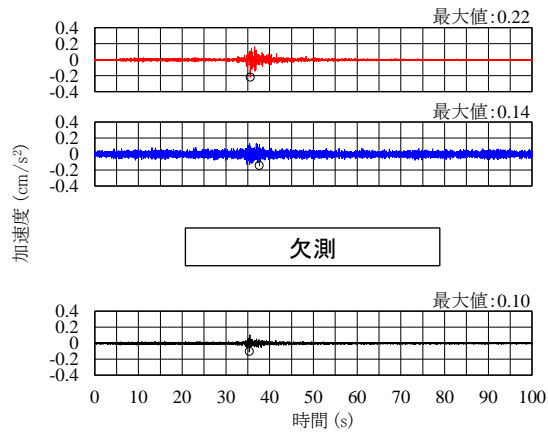


UD方向

No.55

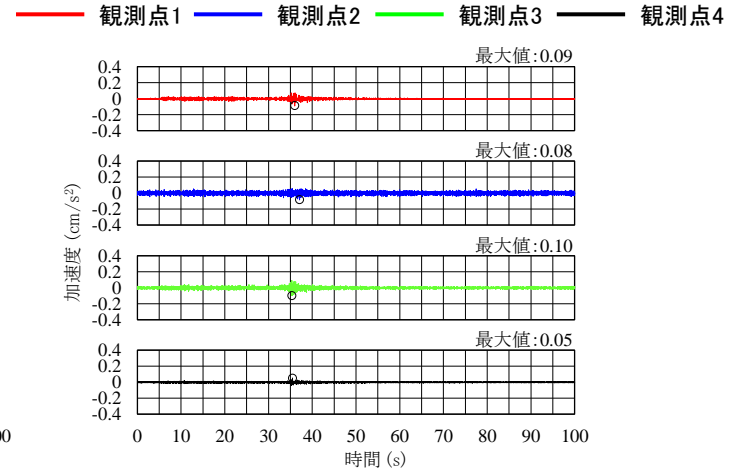


NS方向

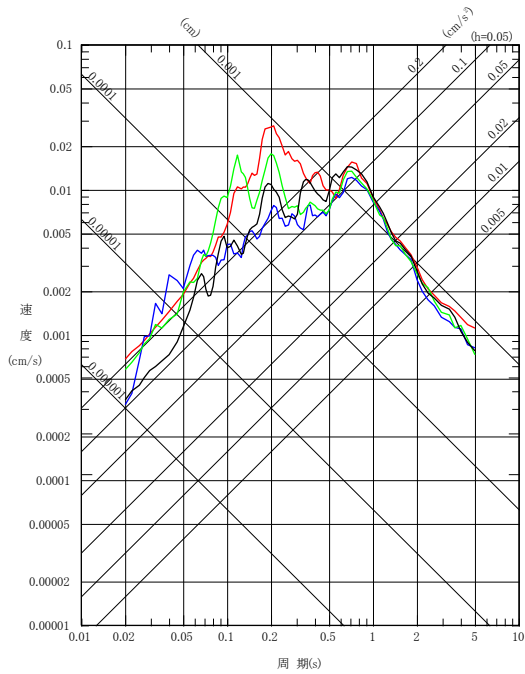


EW方向

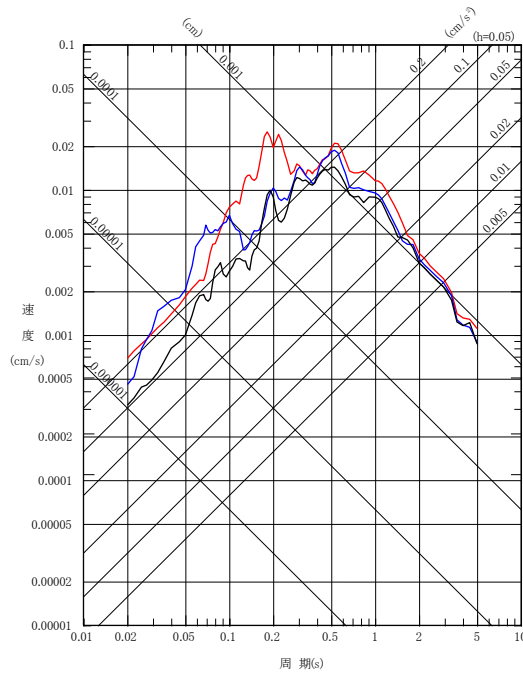
加速度時刻歴波形



UD方向

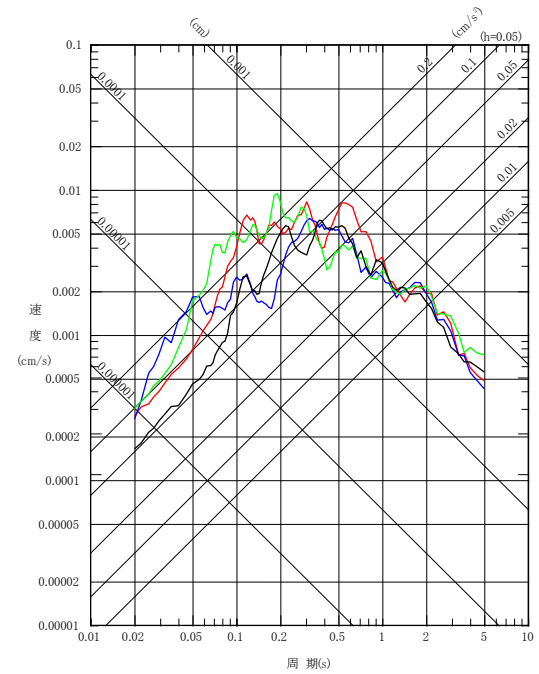


NS方向



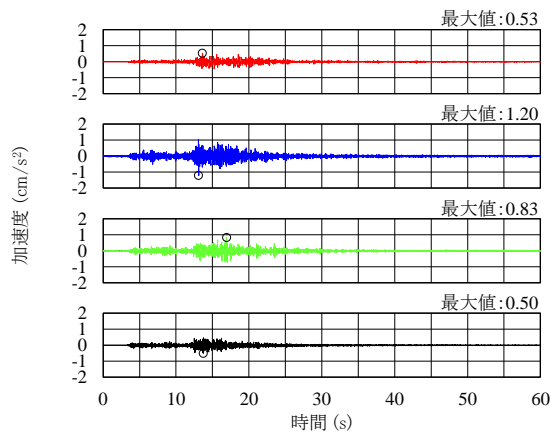
EW方向

擬似速度応答スペクトル

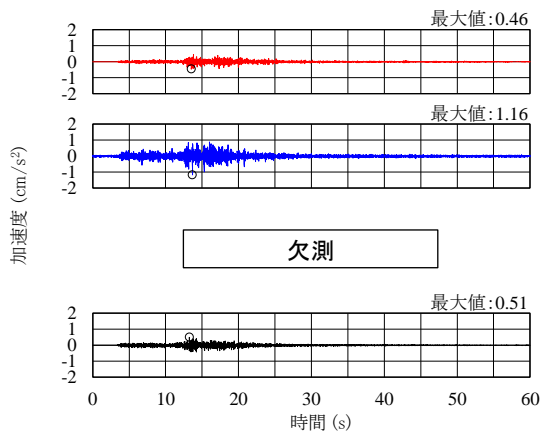


UD方向

No.56



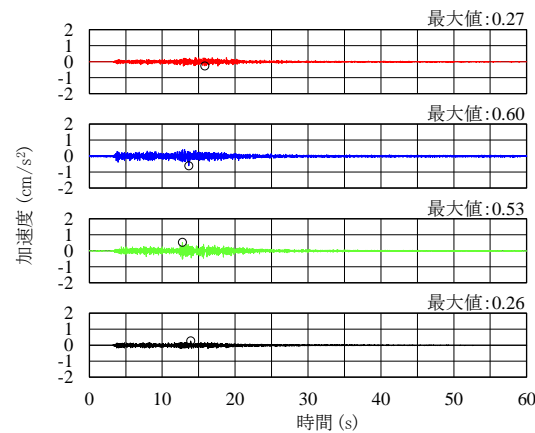
NS方向



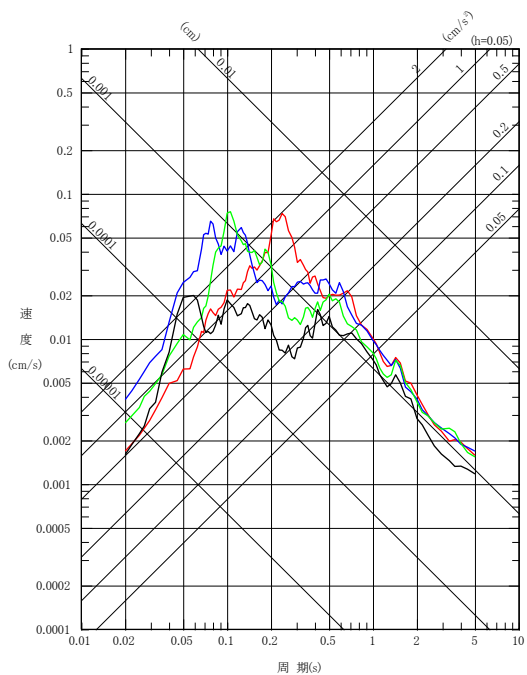
EW方向

加速度時刻歴波形

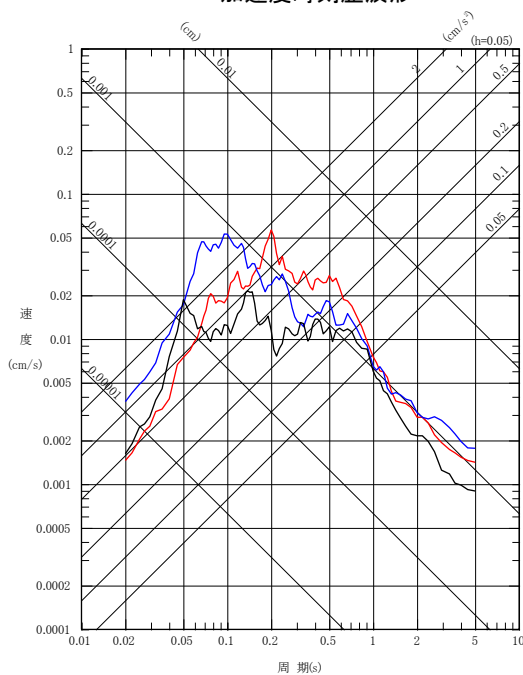
— 観測点1 — 観測点2 — 観測点3 — 観測点4



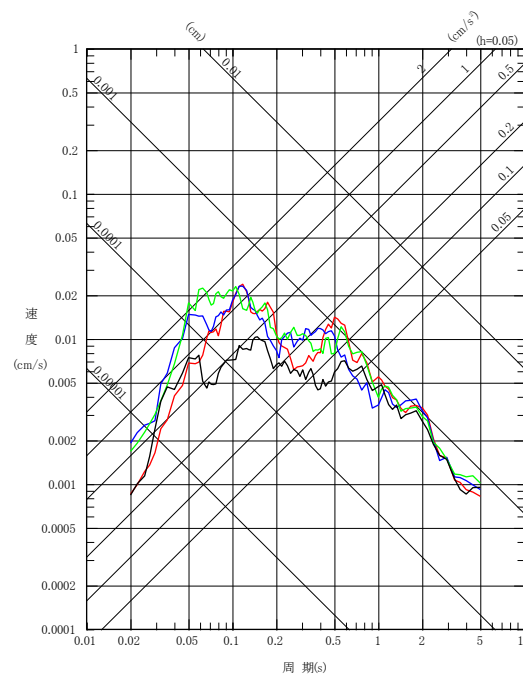
UD方向



NS方向

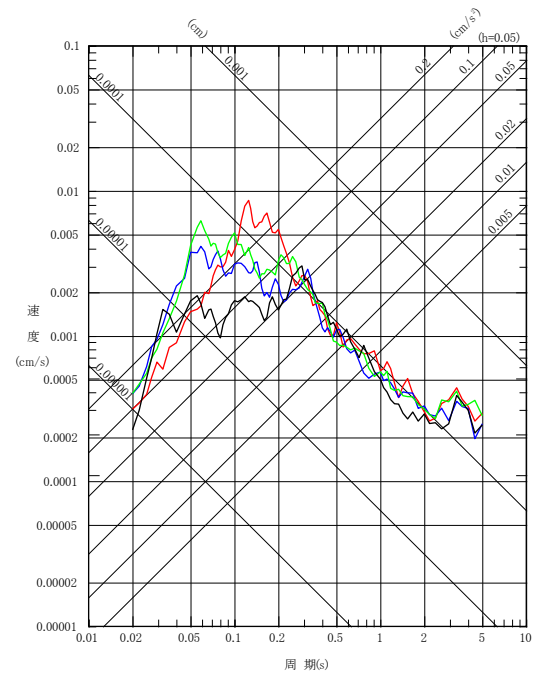
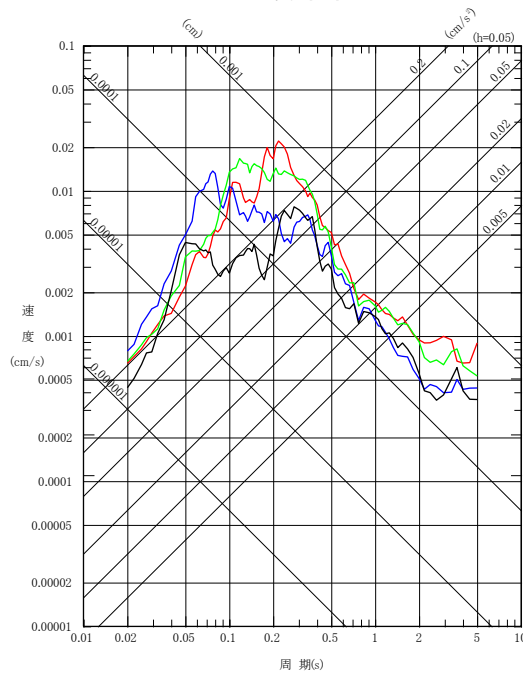
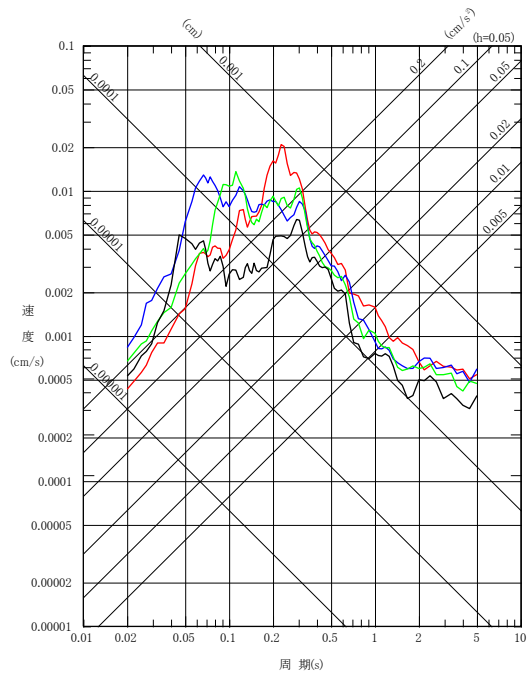
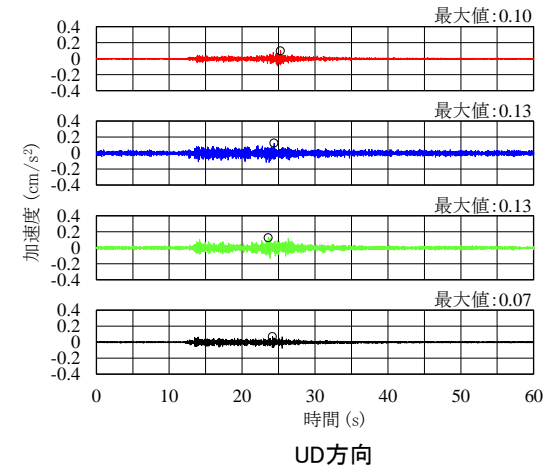
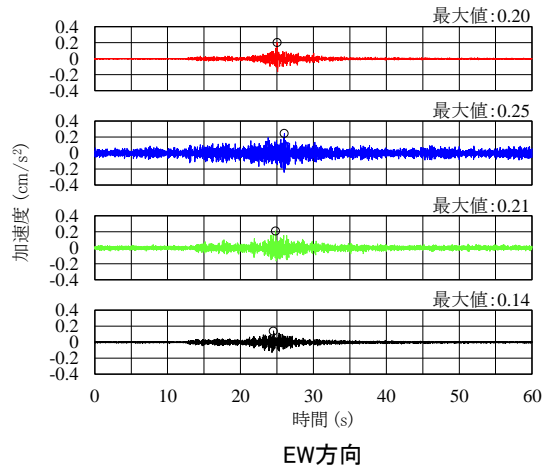
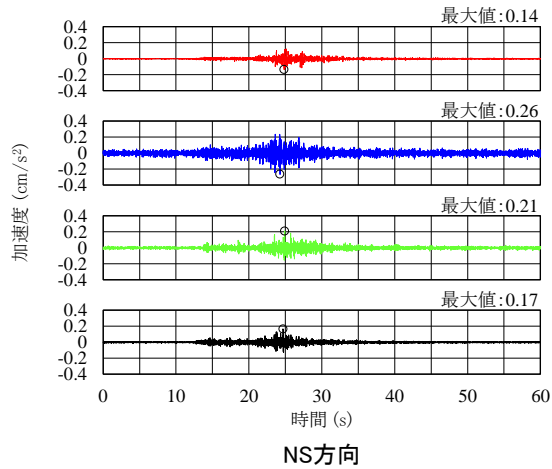


EW方向
擬似速度応答スペクトル



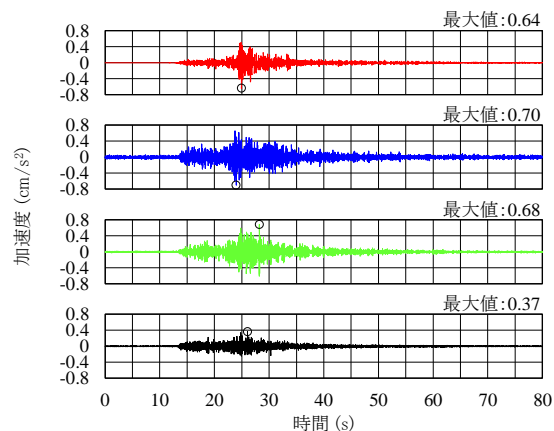
UD方向

No.57

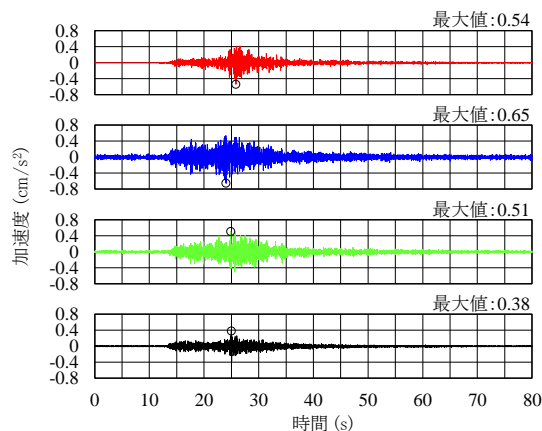


擬似速度応答スペクトル

No.58

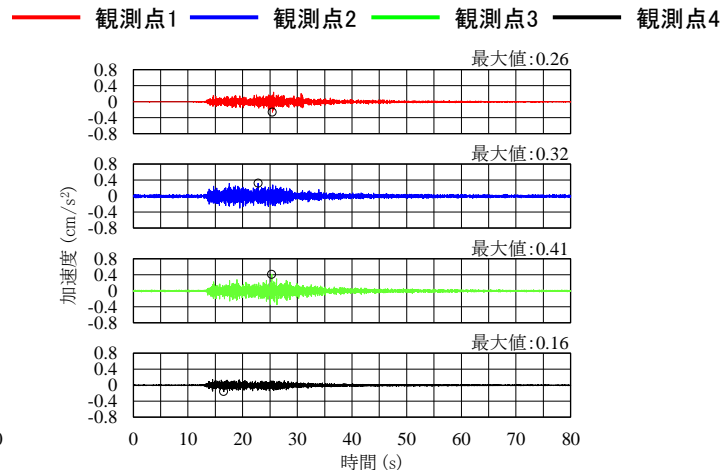


NS方向

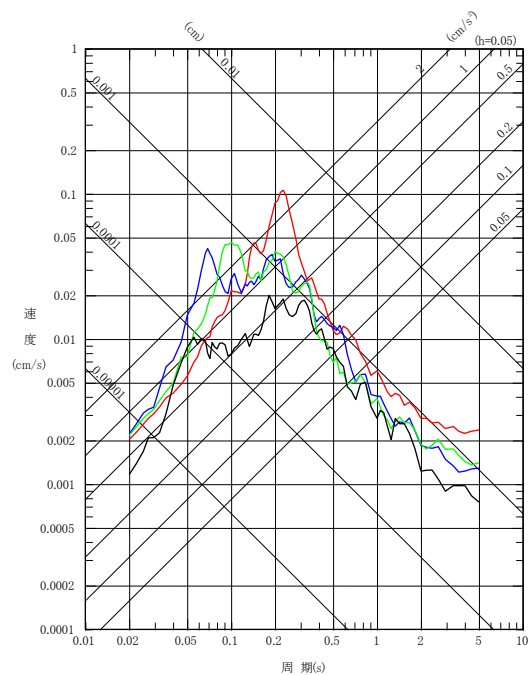


EW方向

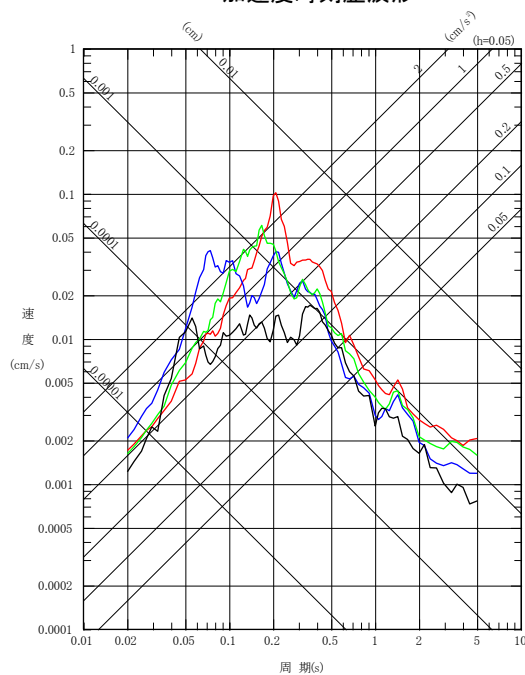
加速度時刻歴波形



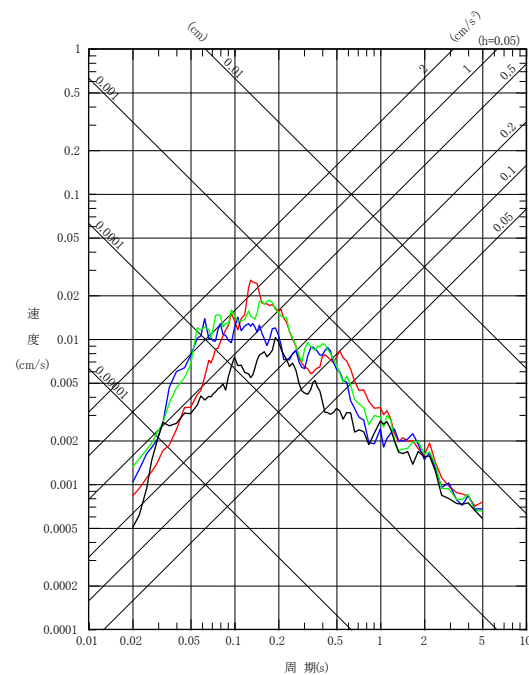
UD方向



NS方向

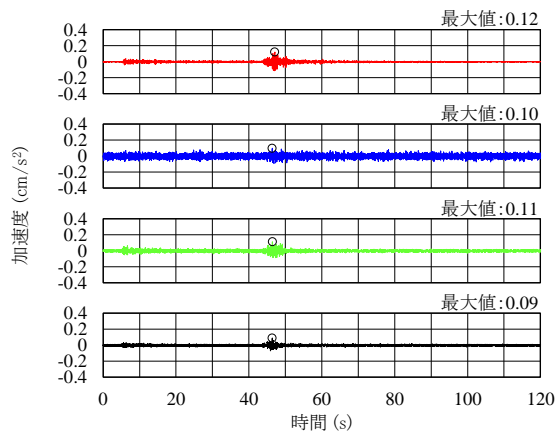


EW方向
擬似速度応答スペクトル

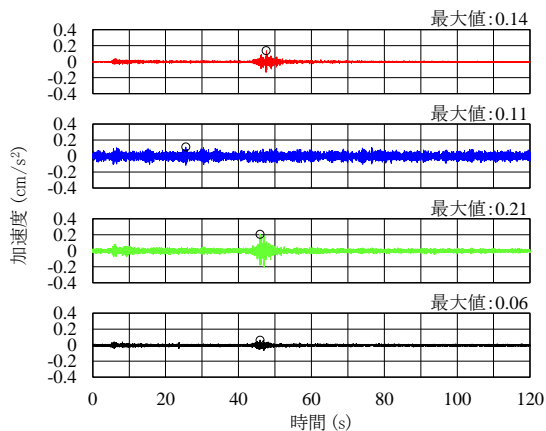


UD方向

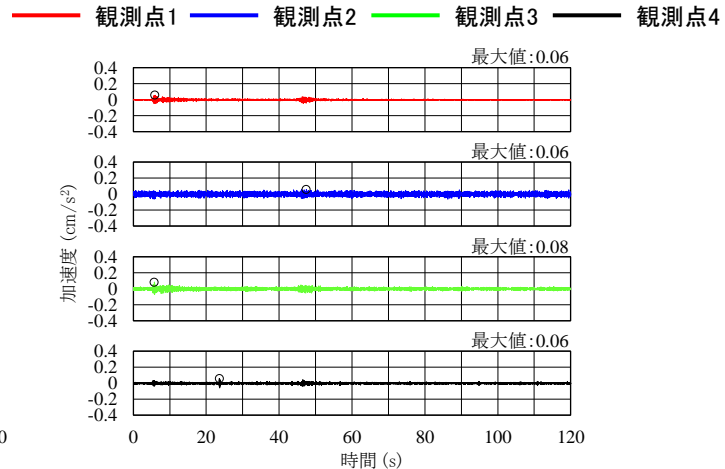
No.59



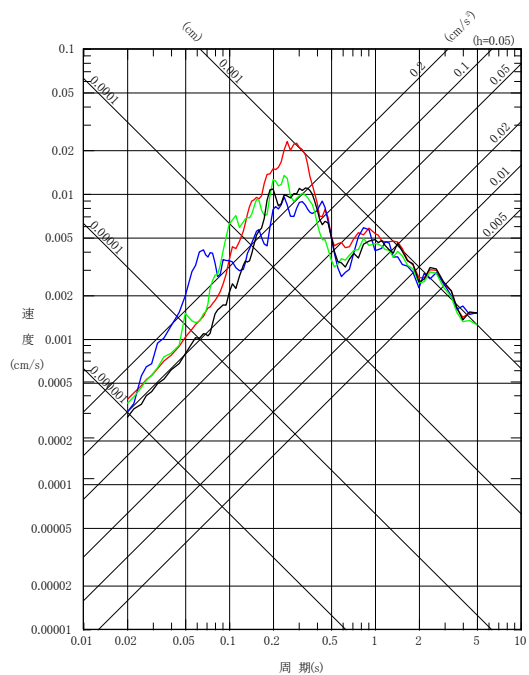
NS方向



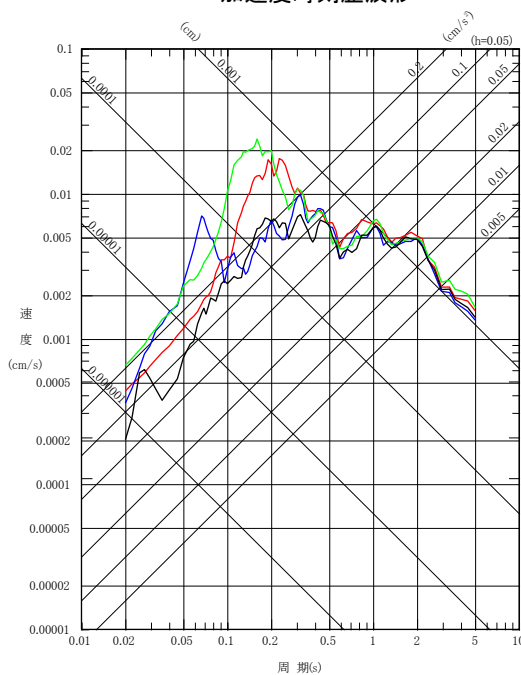
EW方向



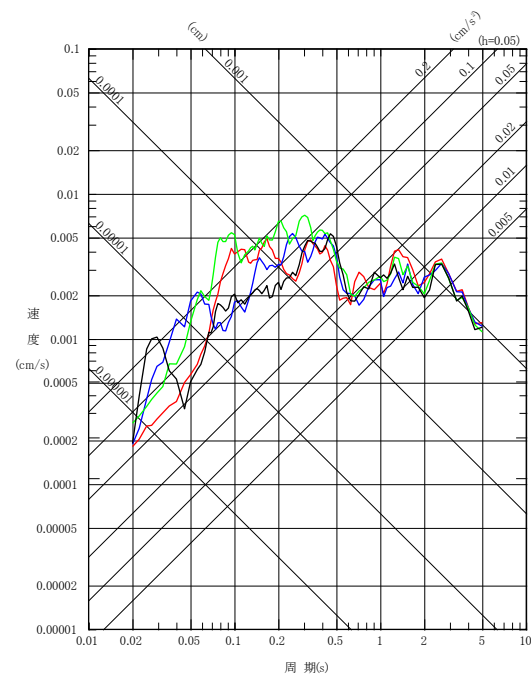
UD方向



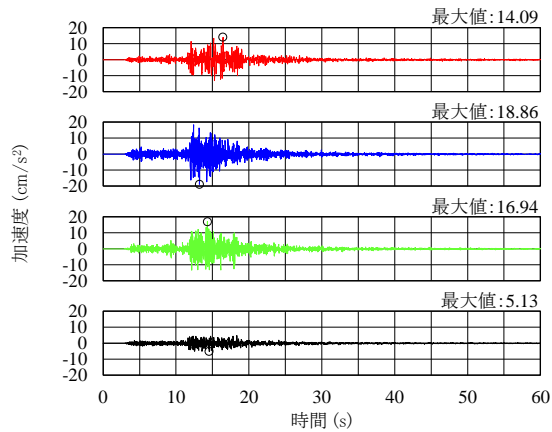
NS方向



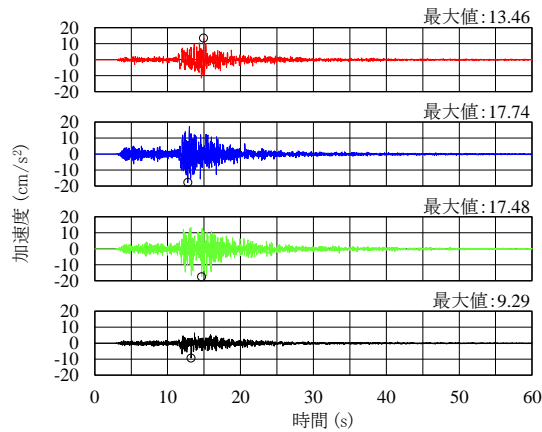
EW方向
擬似速度応答スペクトル



UD方向

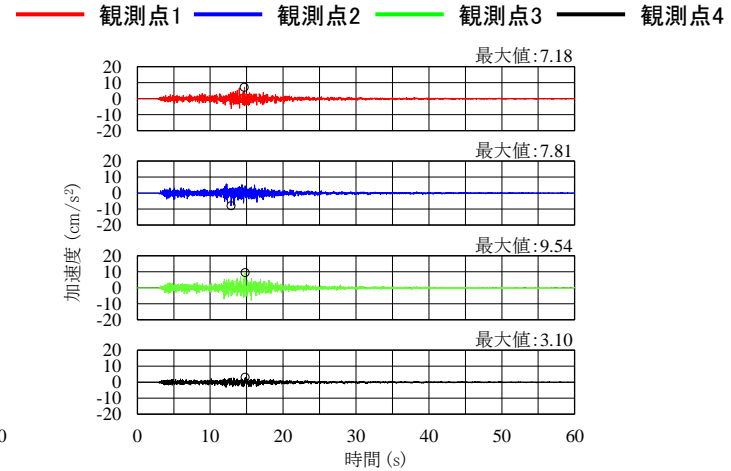


NS方向

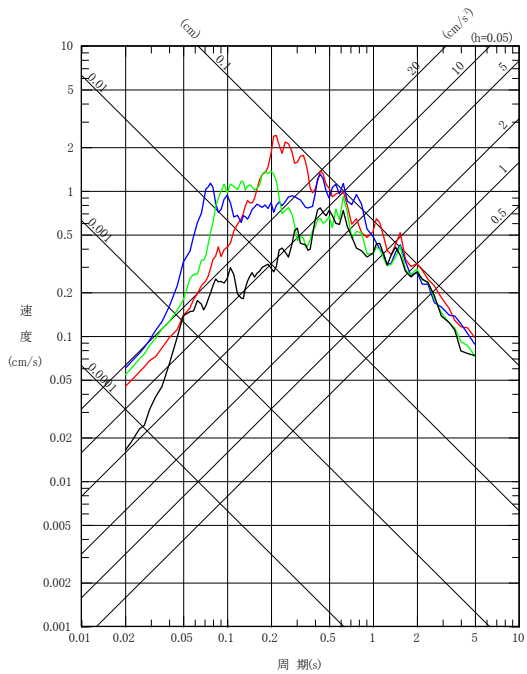


EW方向

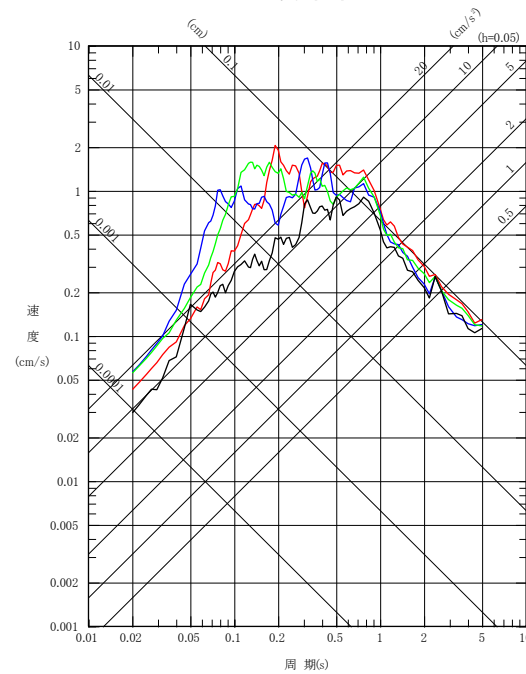
加速度時刻歴波形



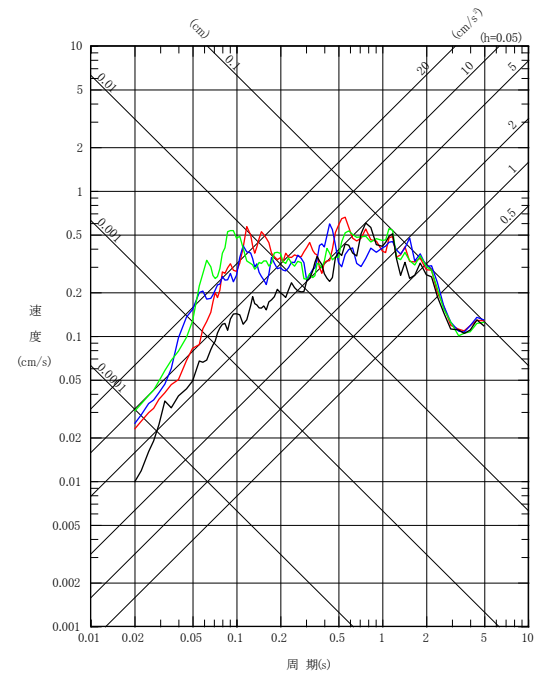
UD方向



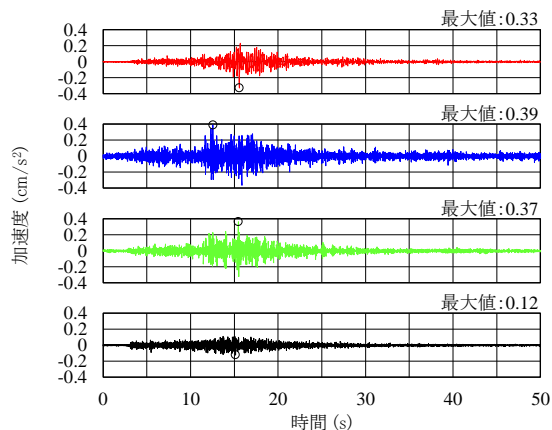
NS方向



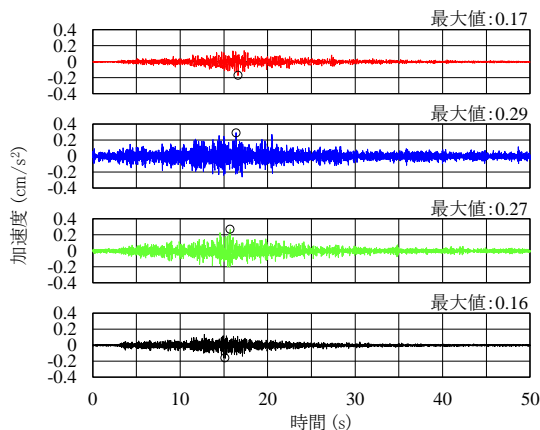
EW方向
擬似速度応答スペクトル



UD方向

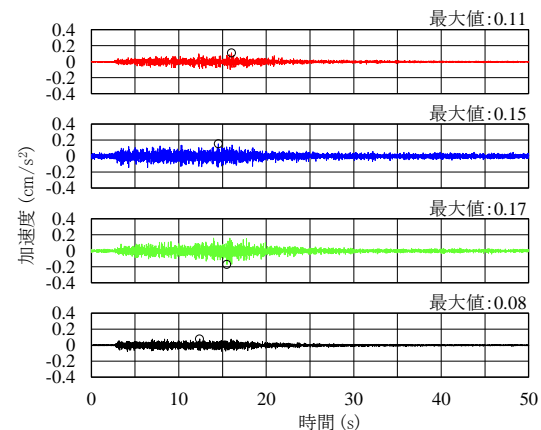


NS方向

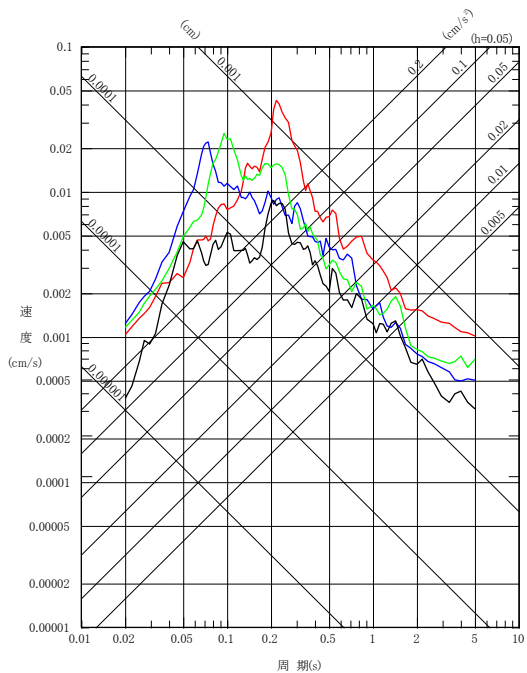


EW方向

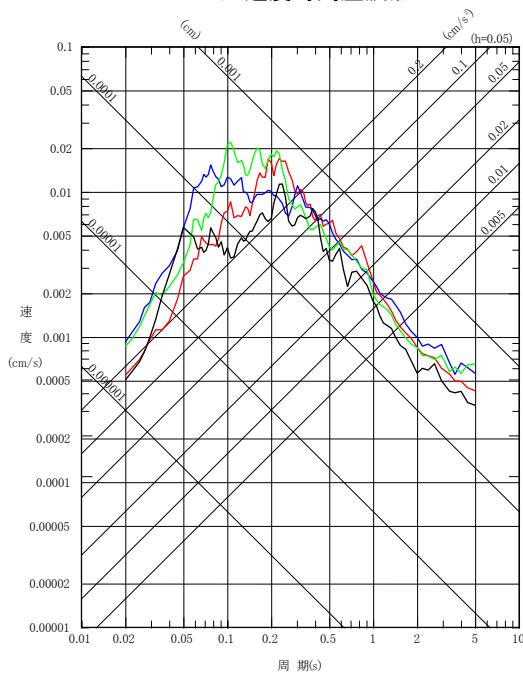
加速度時刻歴波形



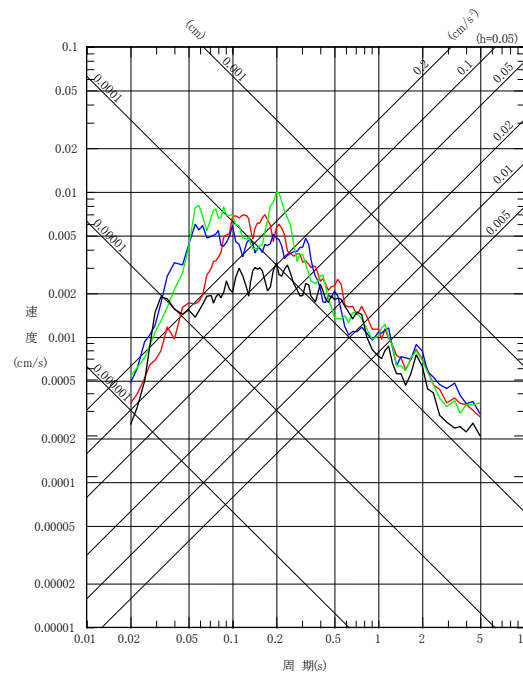
UD方向



NS方向



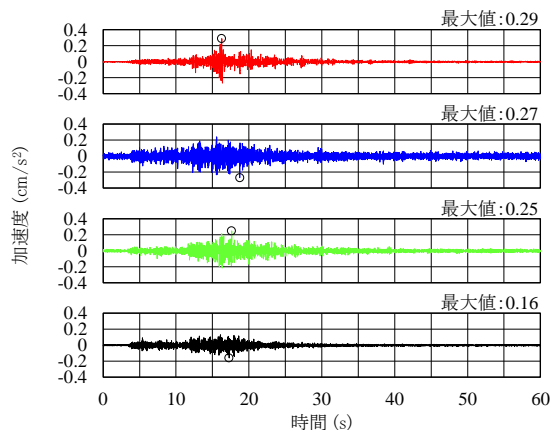
EW方向
擬似速度応答スペクトル



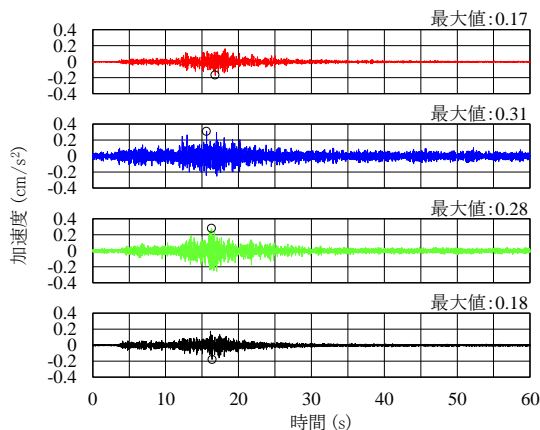
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.62

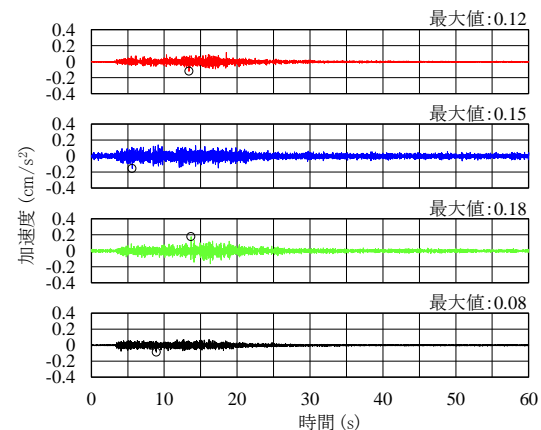


NS方向

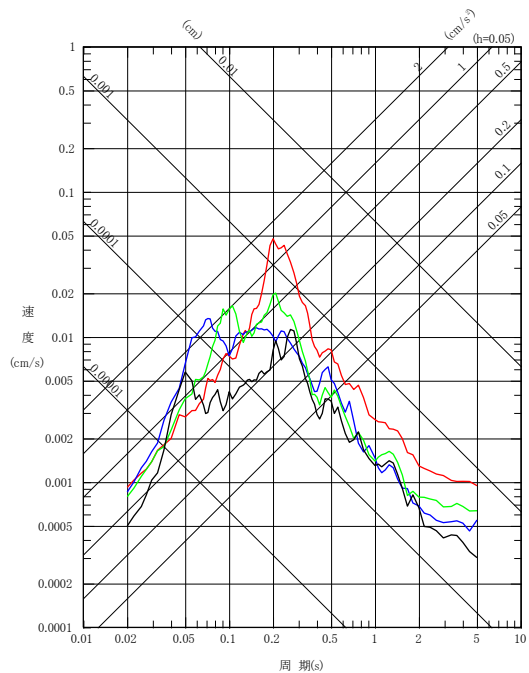


EW方向

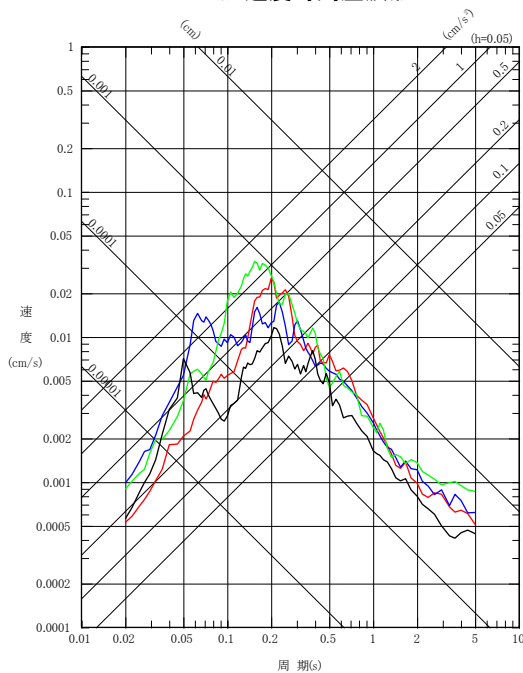
加速度時刻歴波形



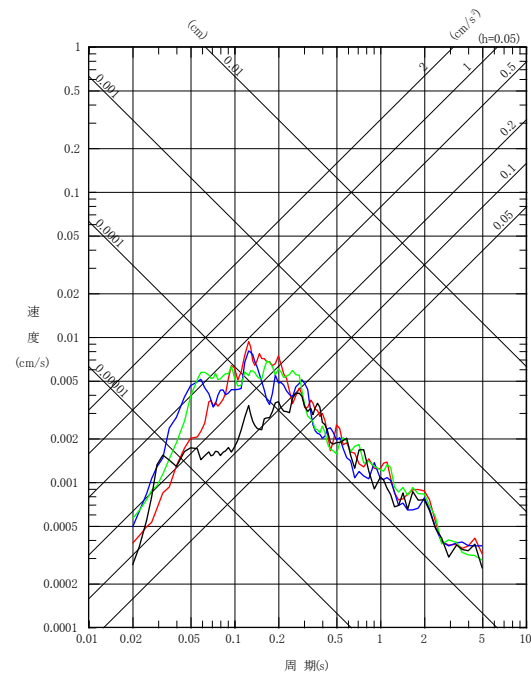
UD方向



NS方向



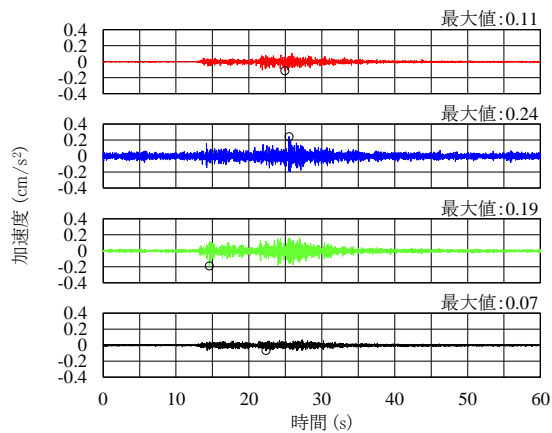
EW方向
擬似速度応答スペクトル



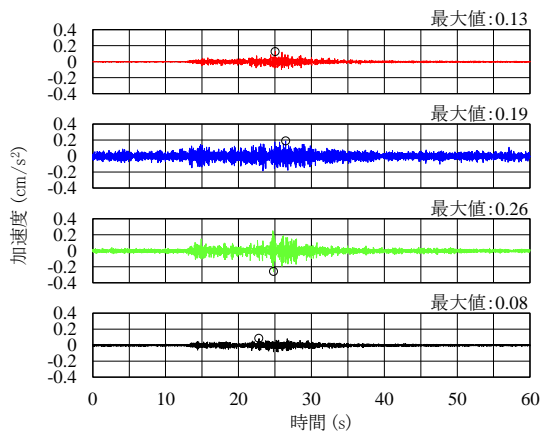
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.63

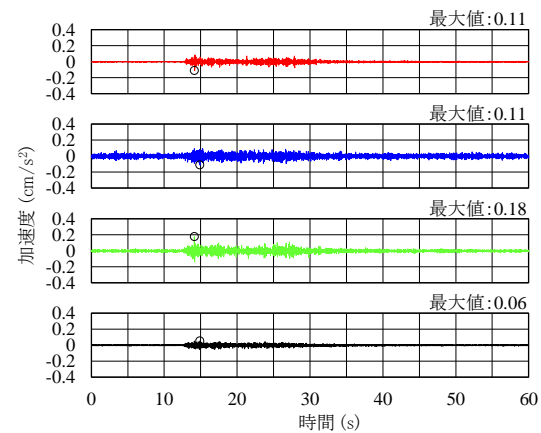


NS方向

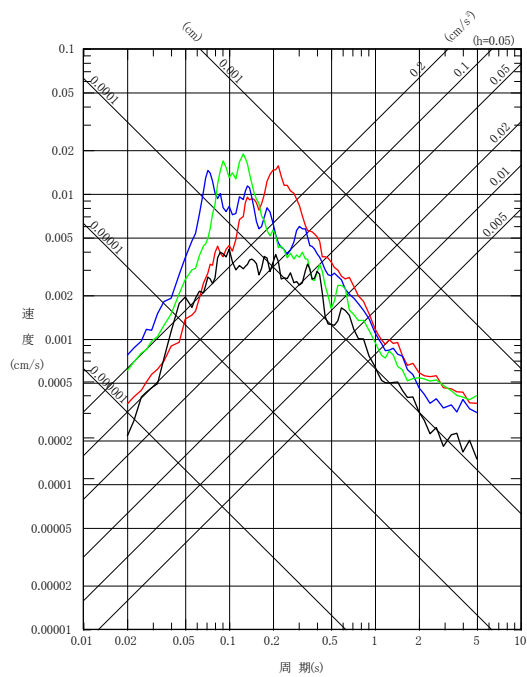


EW方向

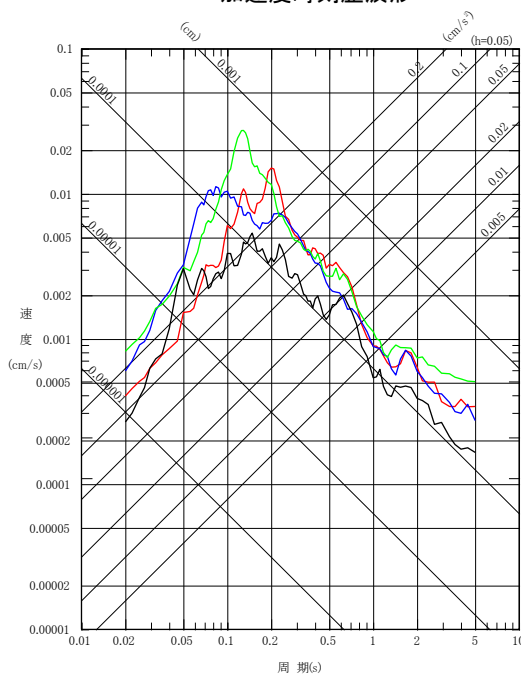
加速度時刻歴波形



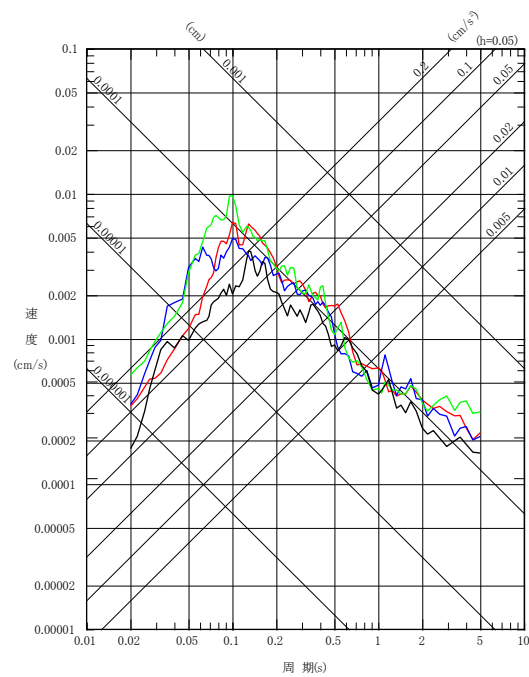
UD方向



NS方向



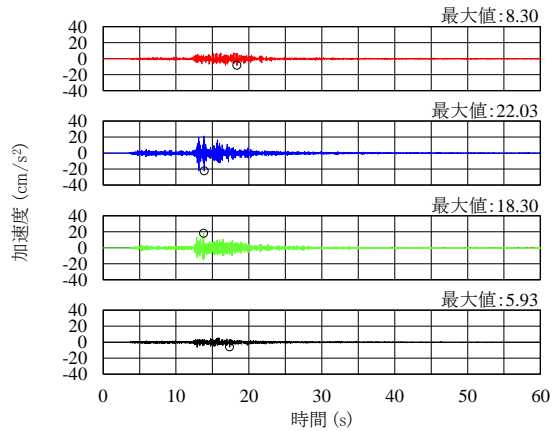
EW方向
擬似速度応答スペクトル



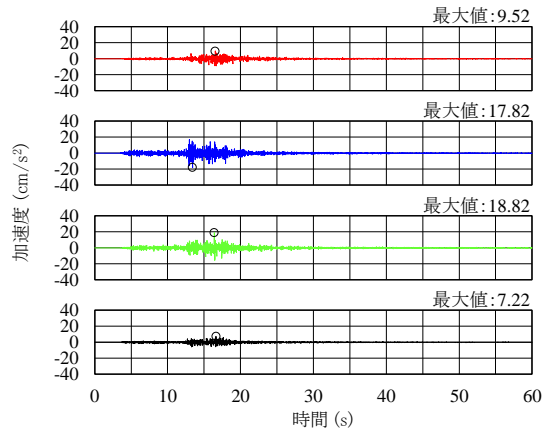
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

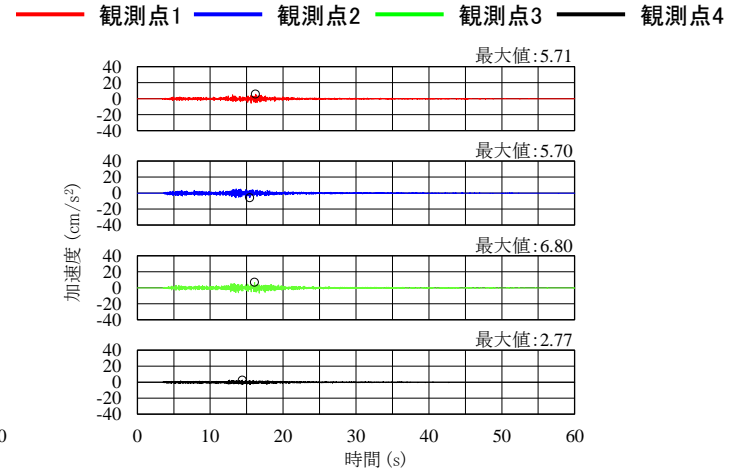
No.64



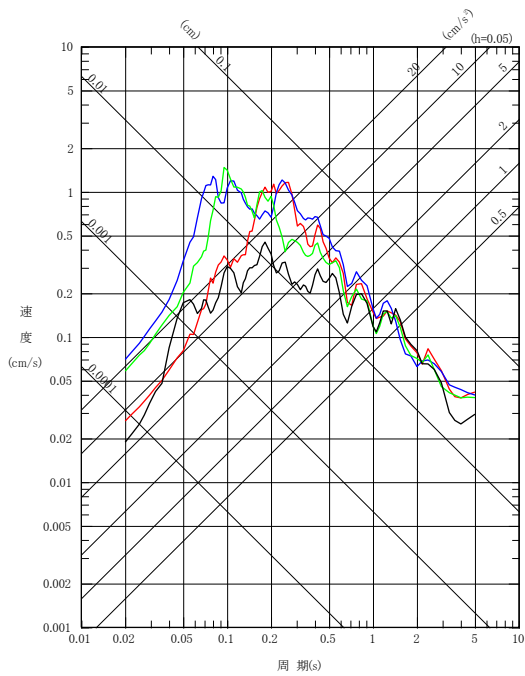
NS方向



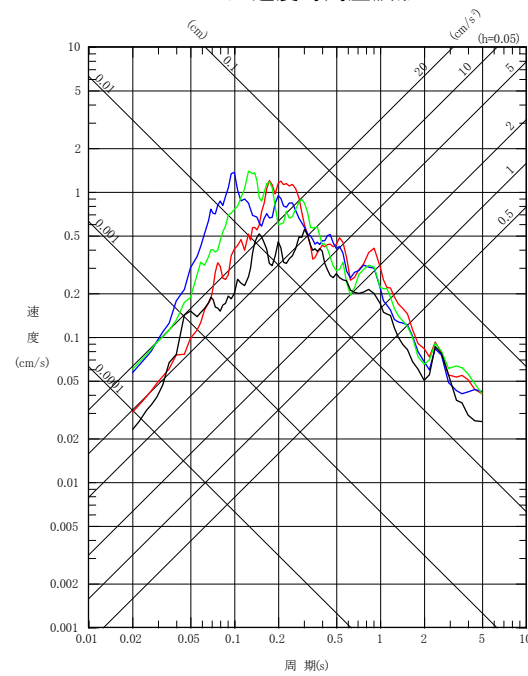
EW方向
加速度時刻歴波形



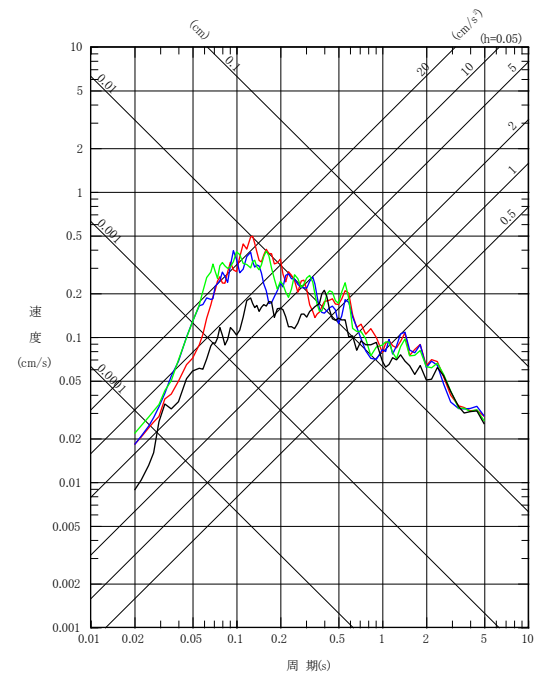
UD方向



NS方向

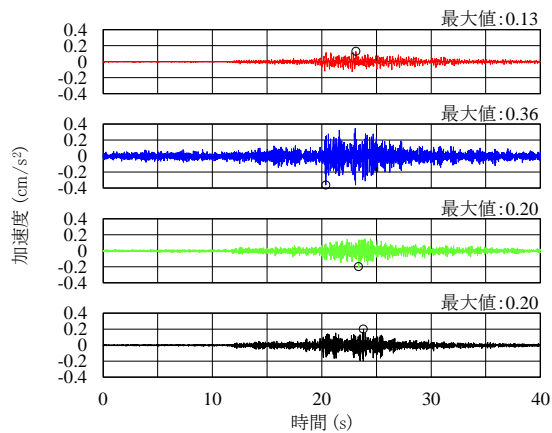


EW方向
擬似速度応答スペクトル

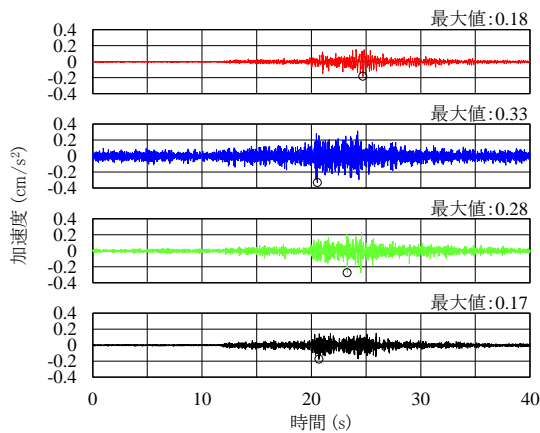


UD方向

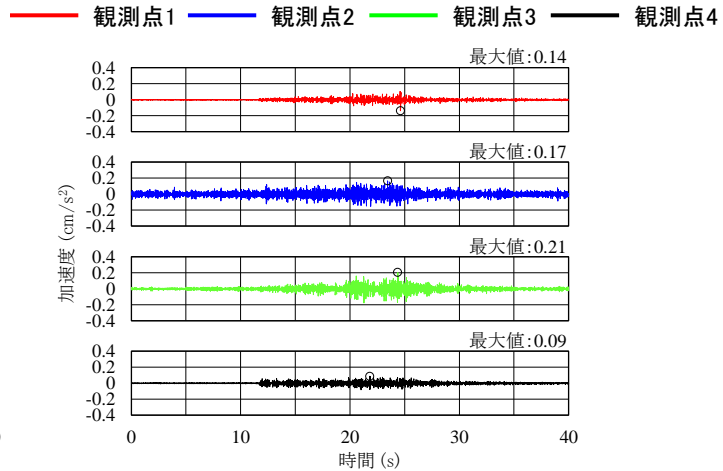
No.65



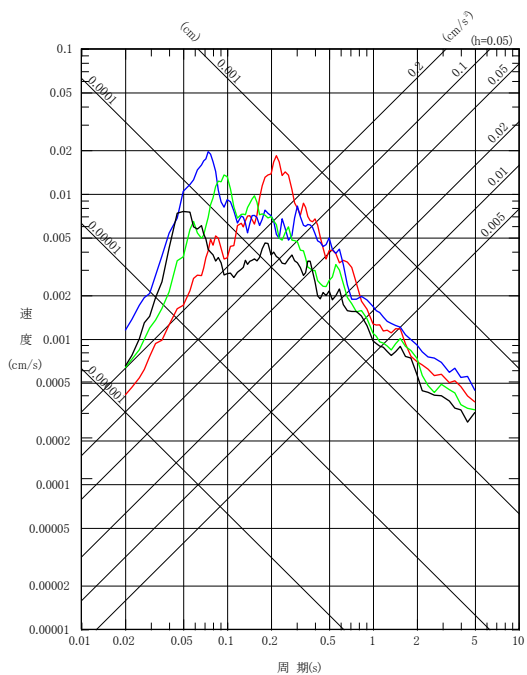
NS方向



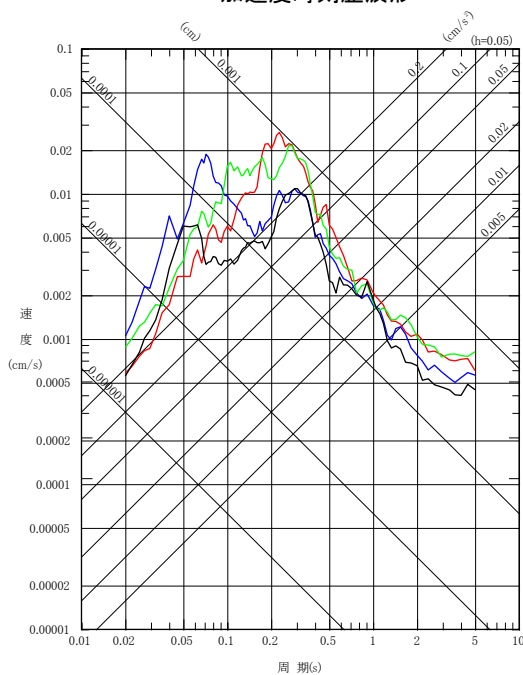
EW方向
加速度時刻歴波形



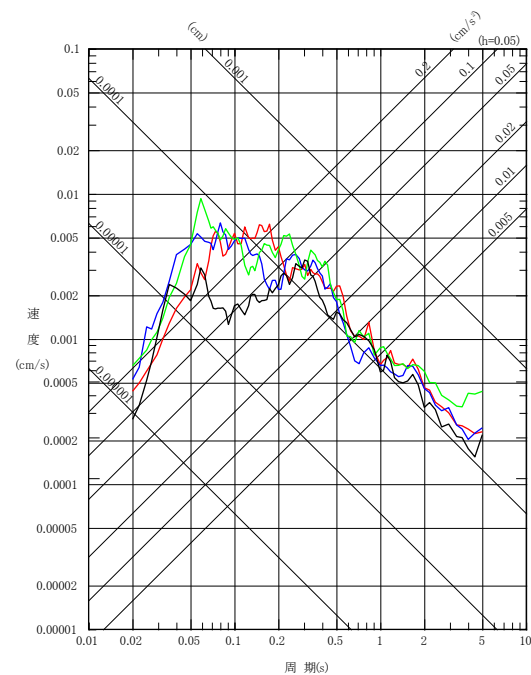
UD方向



NS方向

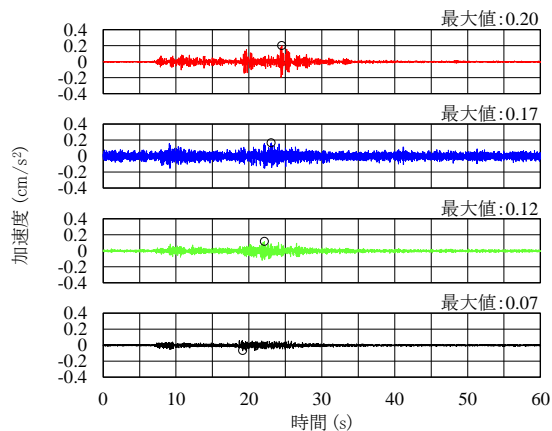


EW方向
擬似速度応答スペクトル

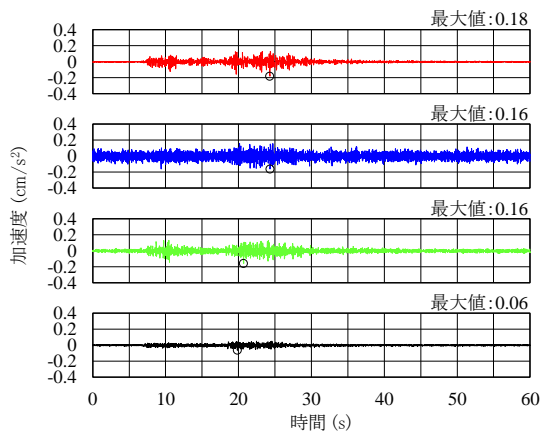


UD方向

No.66

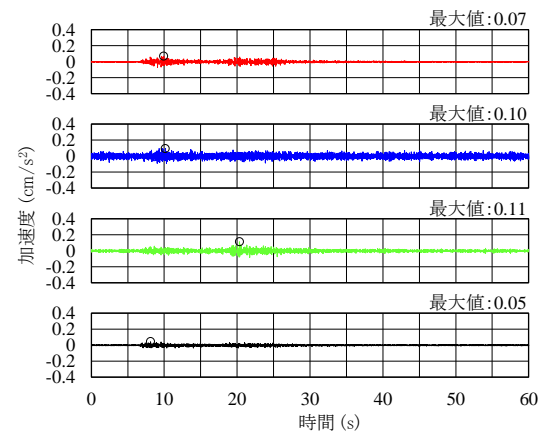


NS方向

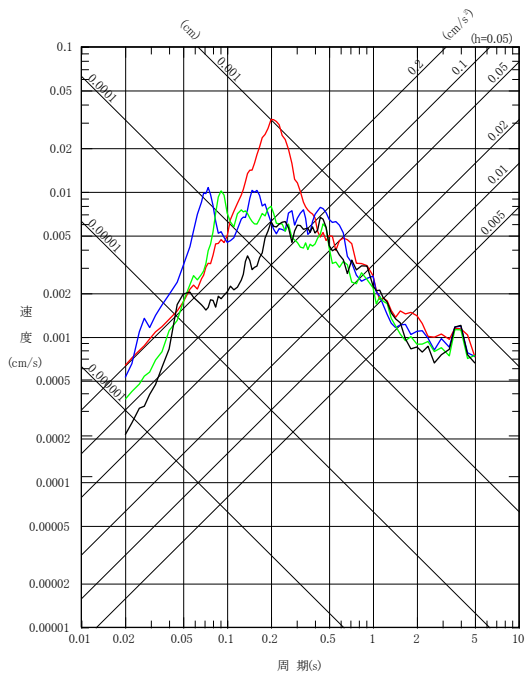


EW方向

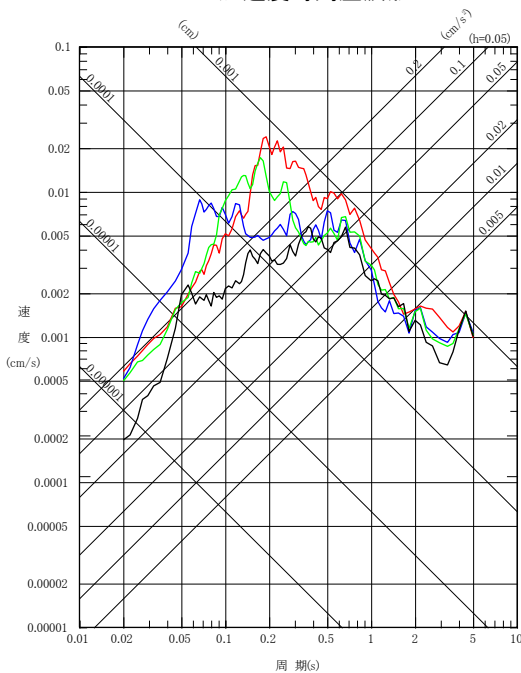
加速度時刻歴波形



UD方向

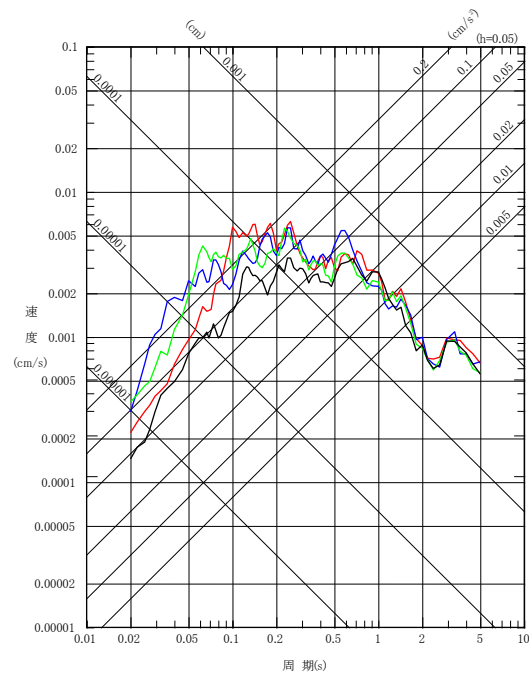


NS方向



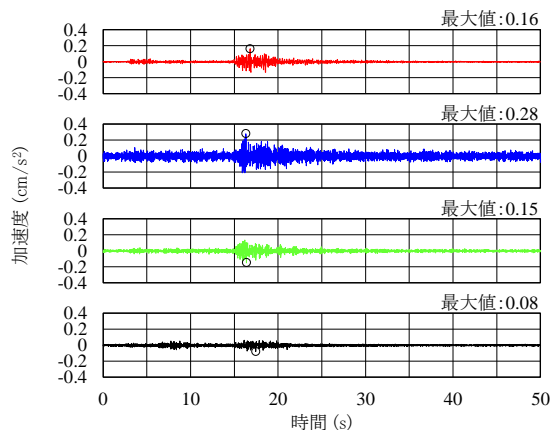
EW方向

擬似速度応答スペクトル

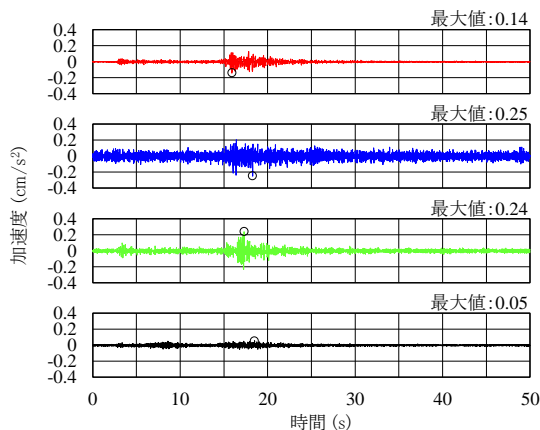


UD方向

No.67

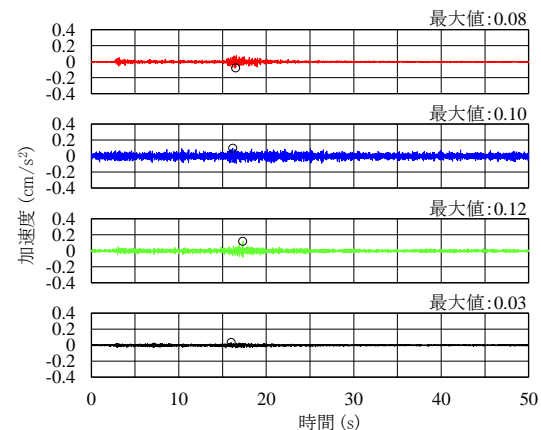


NS方向

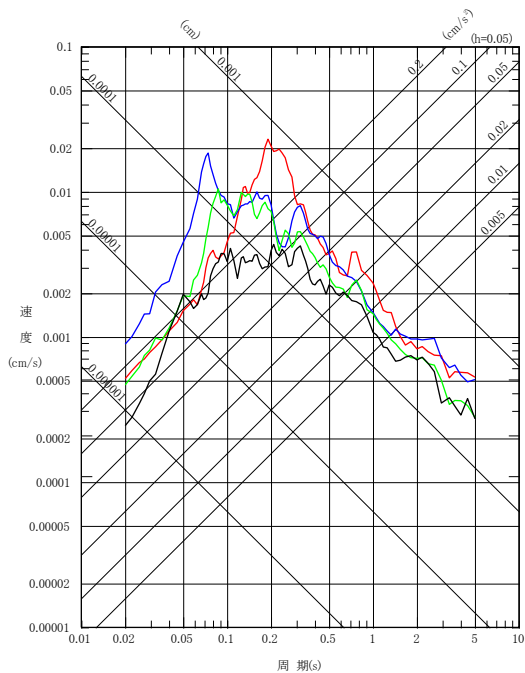


EW方向

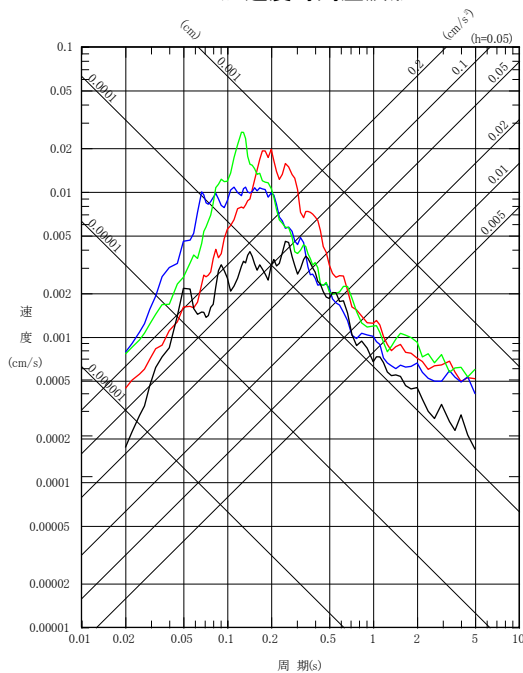
加速度時刻歴波形



UD方向

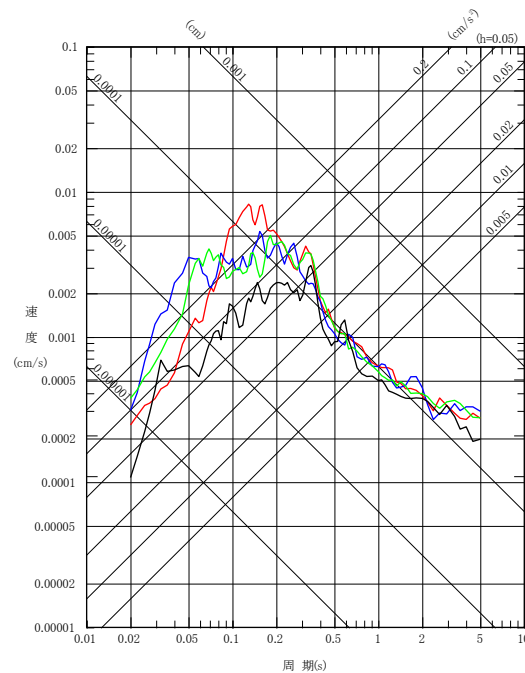


NS方向



EW方向

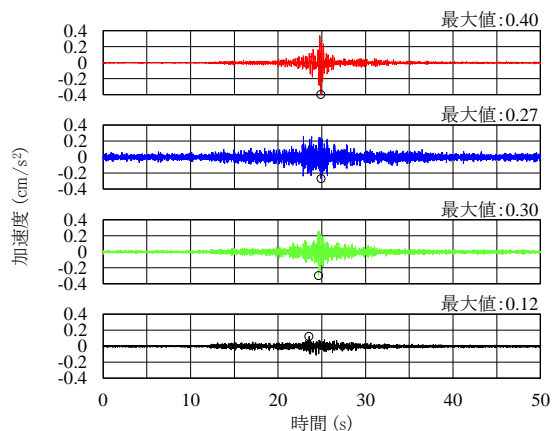
擬似速度応答スペクトル



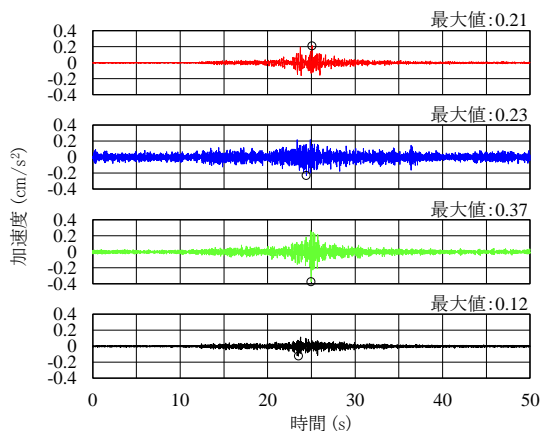
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

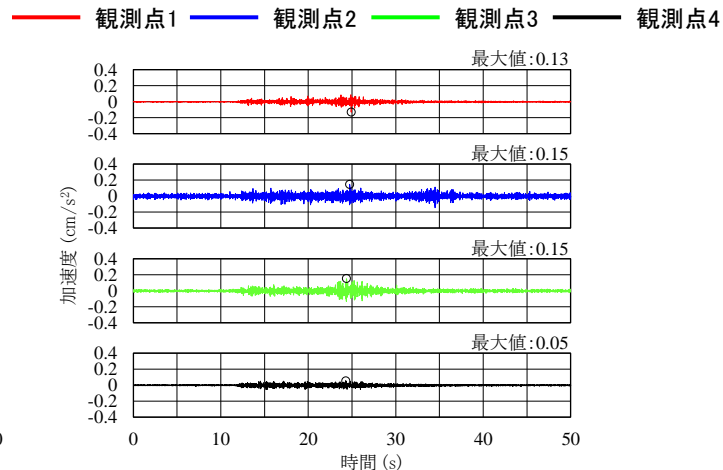
No.68



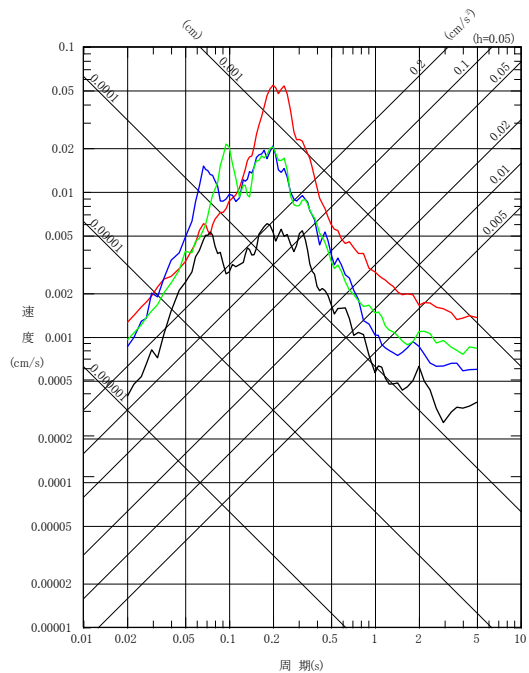
NS方向



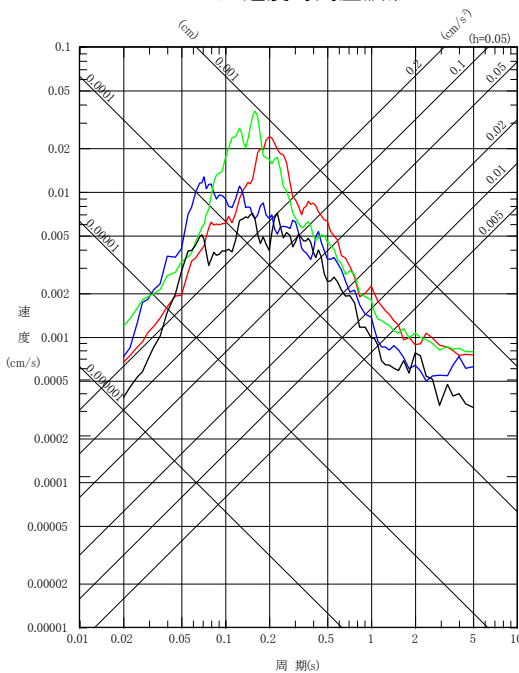
EW方向
加速度時刻歴波形



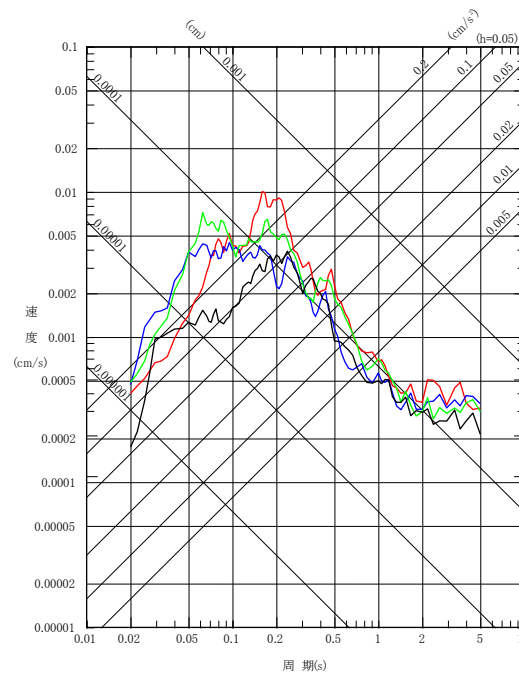
UD方向



NS方向

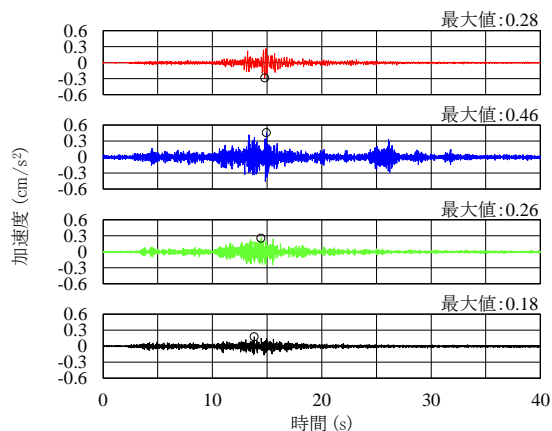


EW方向
擬似速度応答スペクトル

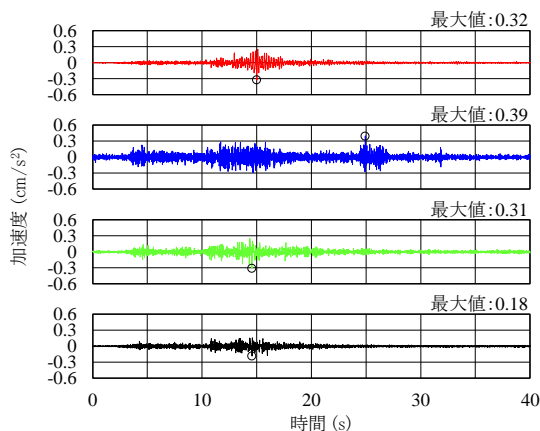


UD方向

No.69

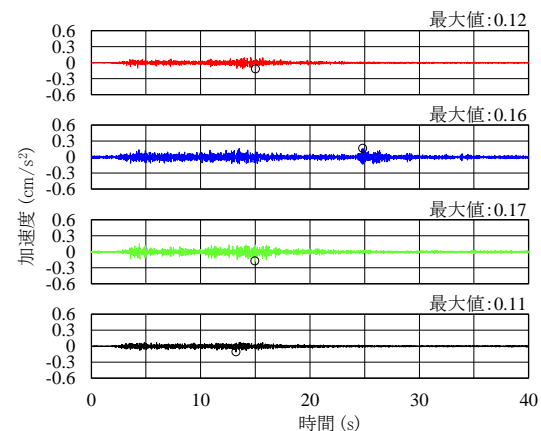


NS方向

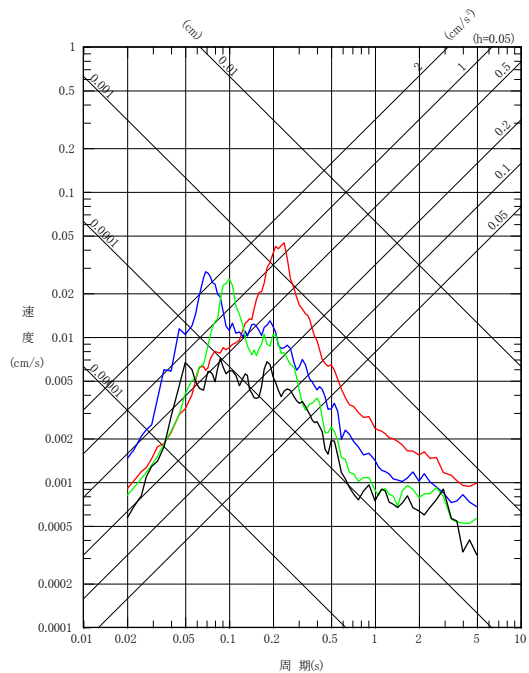


EW方向

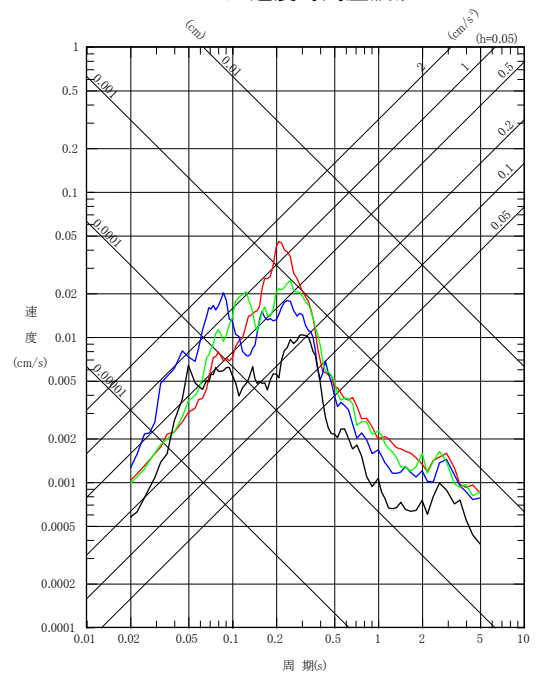
加速度時刻歴波形



UD方向

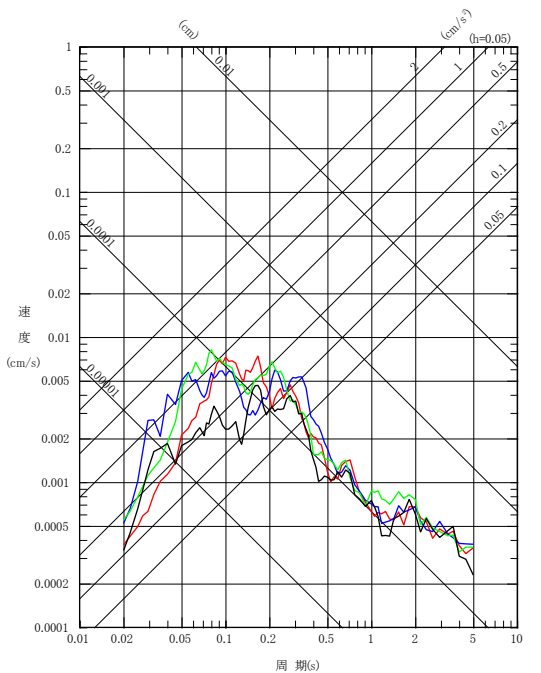


NS方向



EW方向

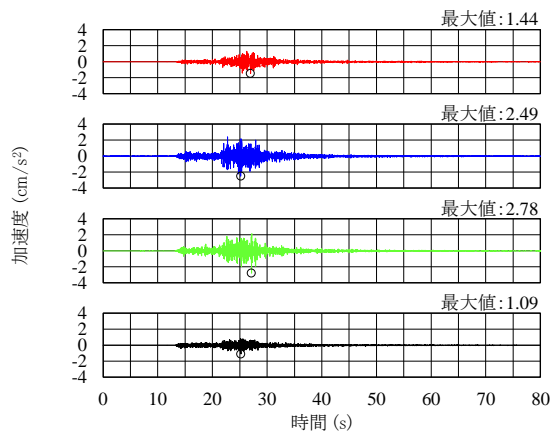
擬似速度応答スペクトル



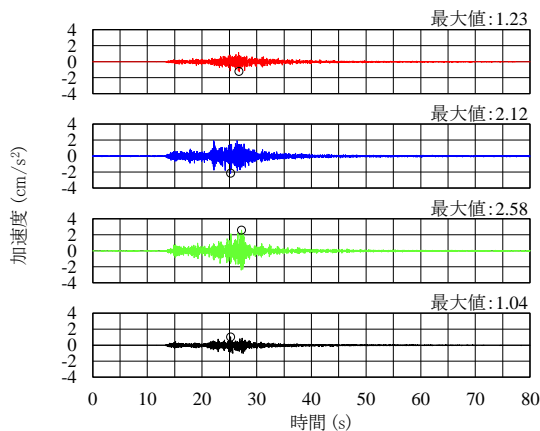
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

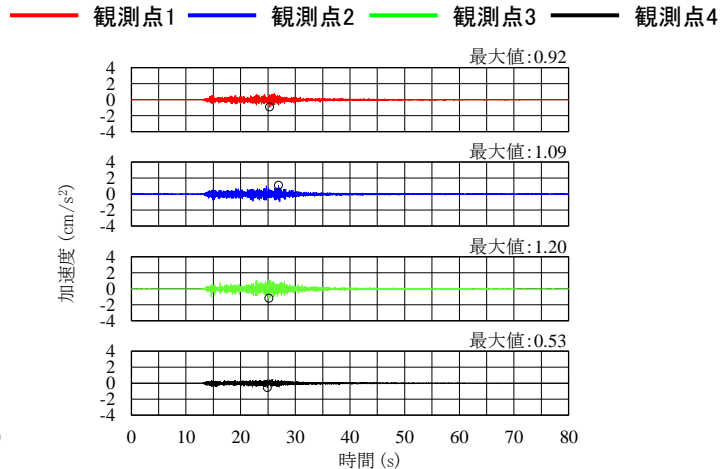
No.70



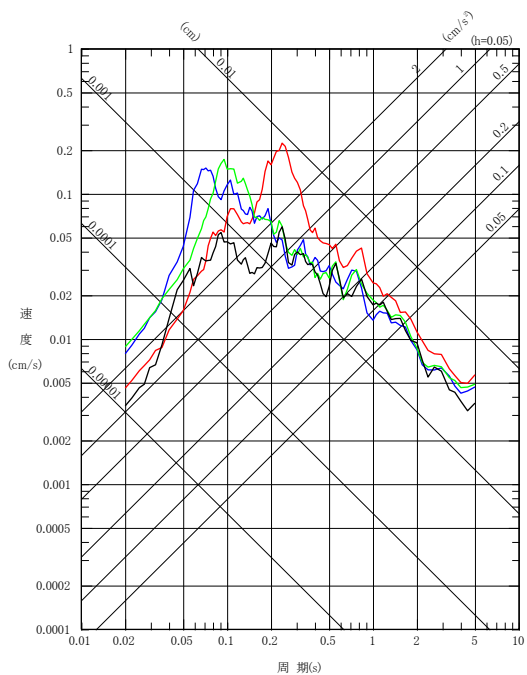
NS方向



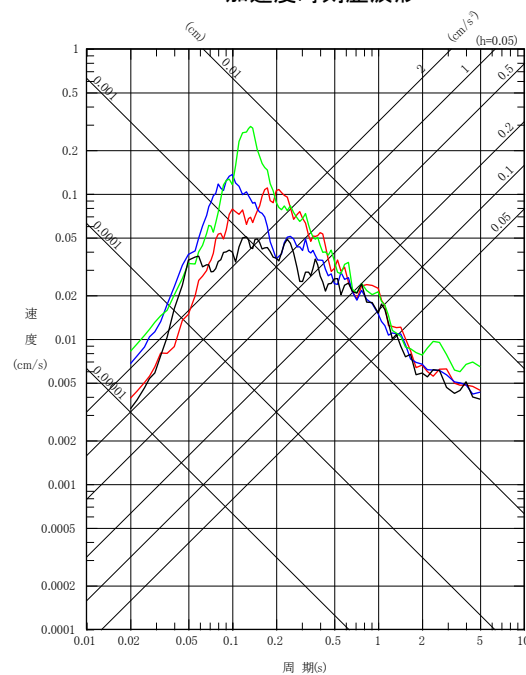
EW方向
加速度時刻歴波形



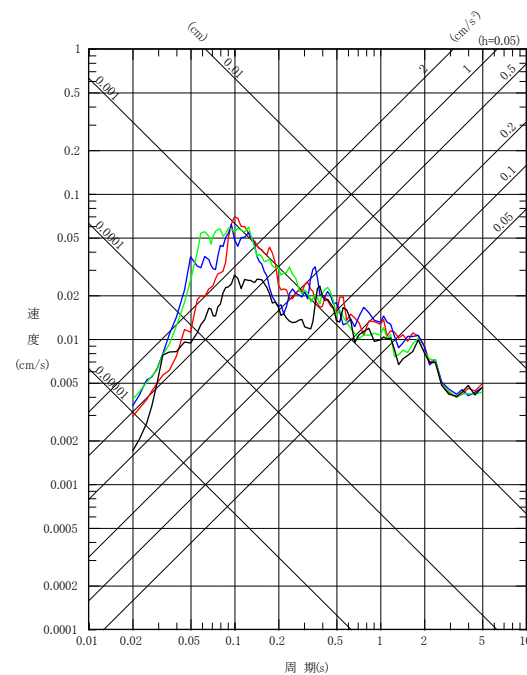
UD方向



NS方向

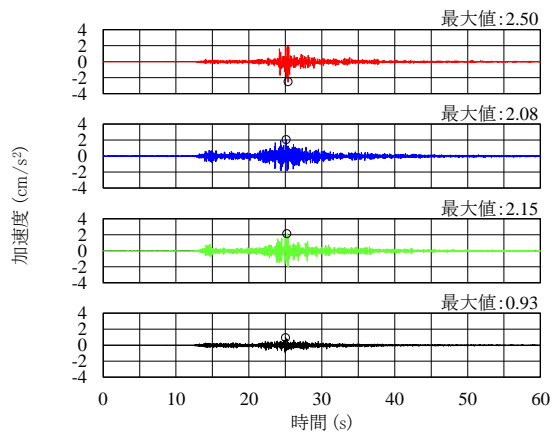


EW方向
擬似速度応答スペクトル

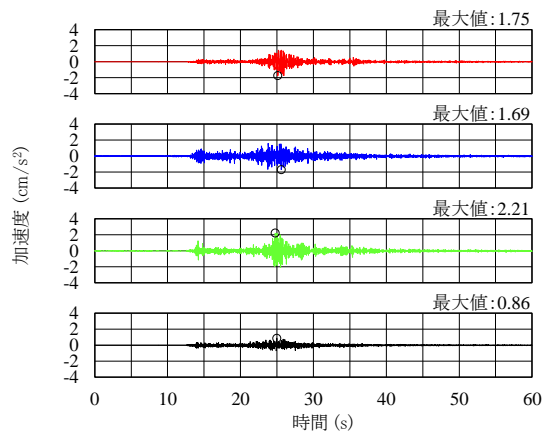


UD方向

No.71

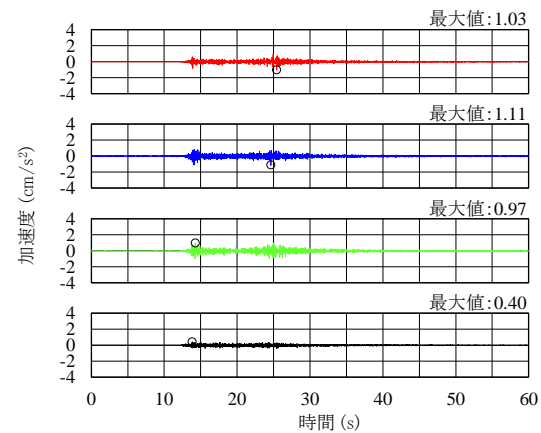


NS方向

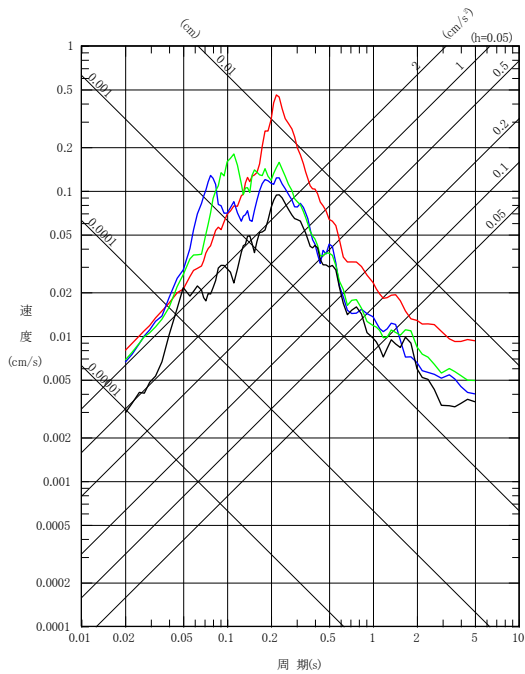


EW方向

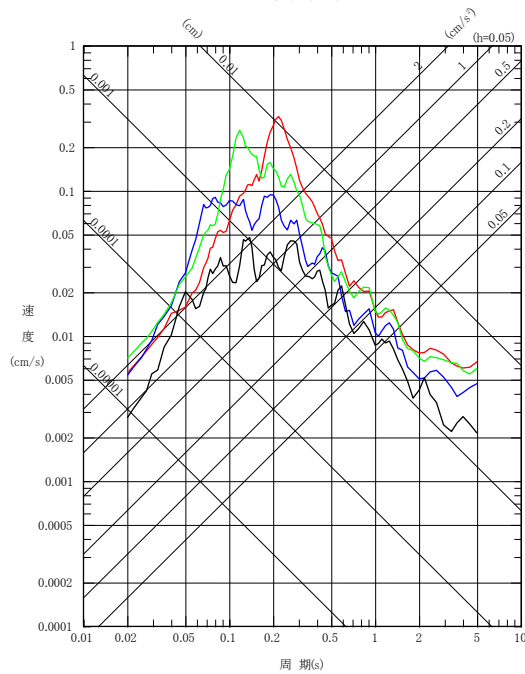
加速度時刻歴波形



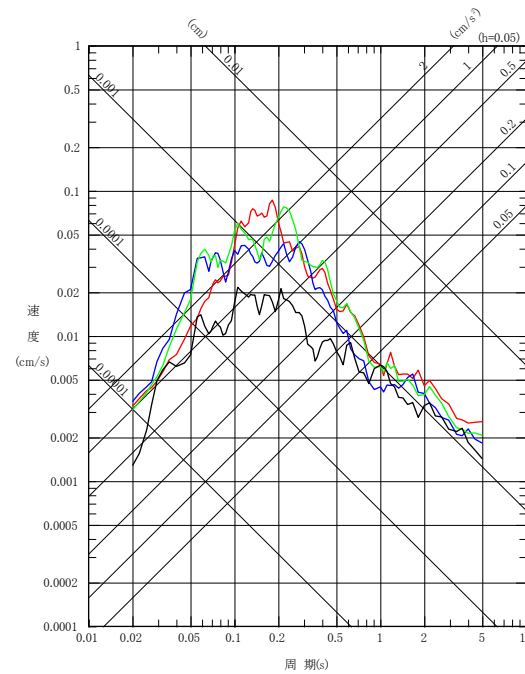
UD方向



NS方向



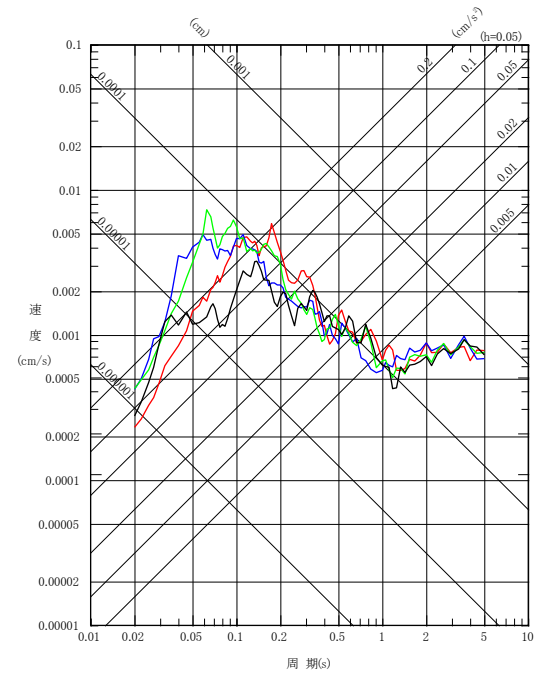
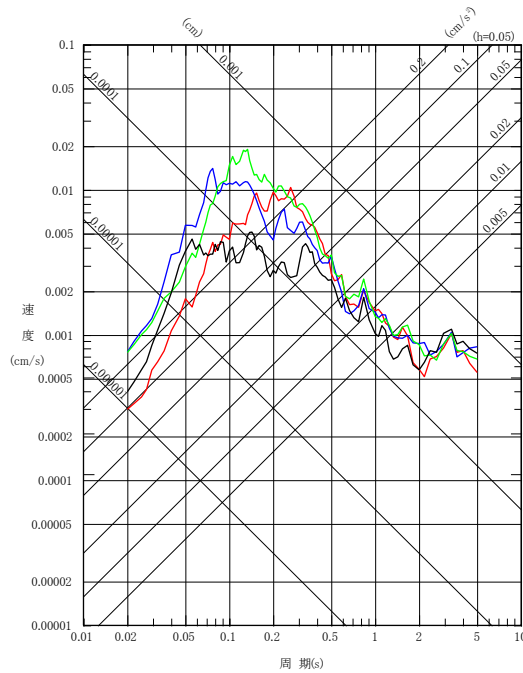
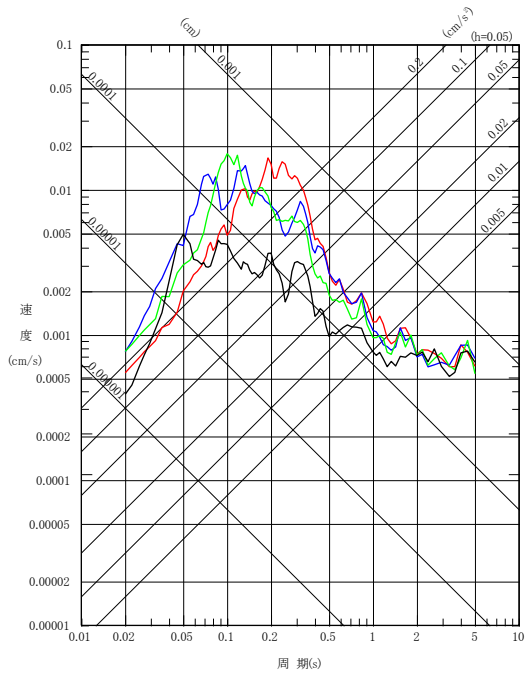
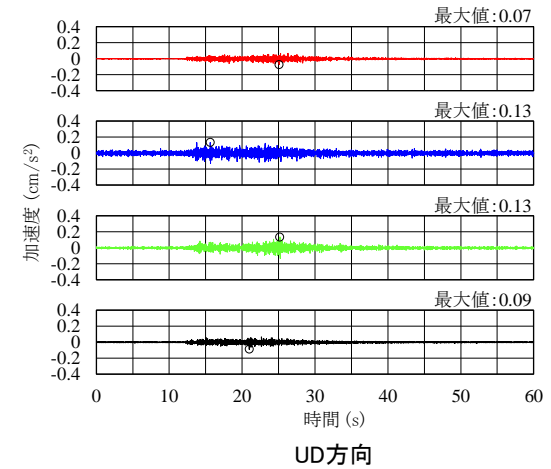
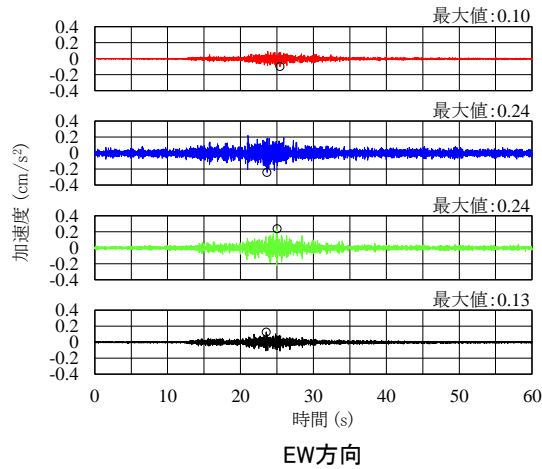
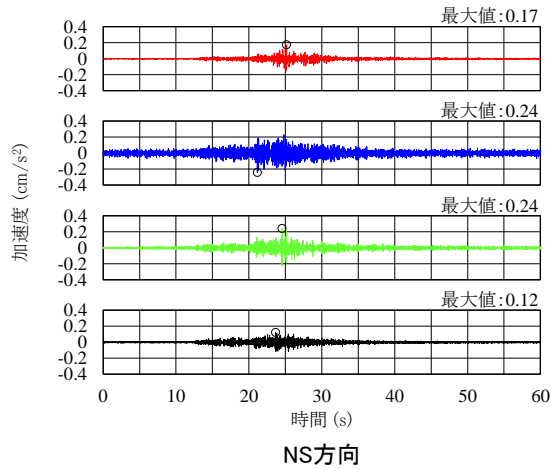
EW方向
擬似速度応答スペクトル



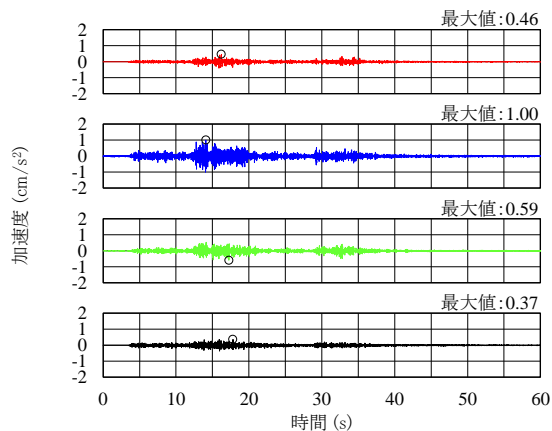
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

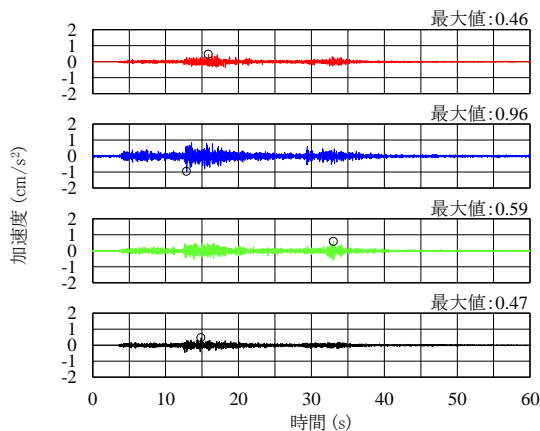
No.72



No.73

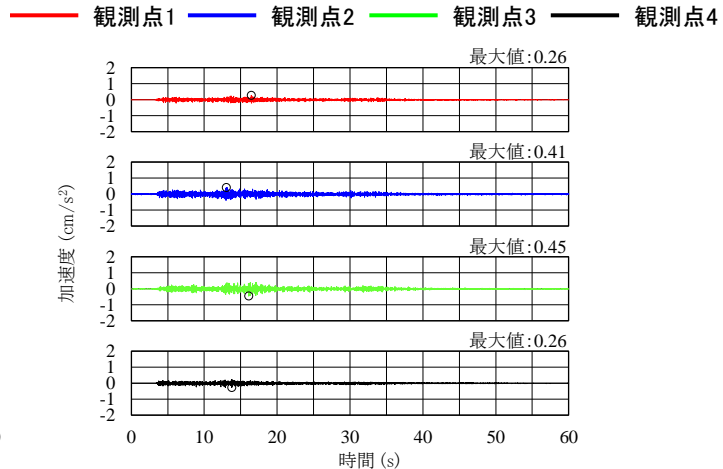


NS方向

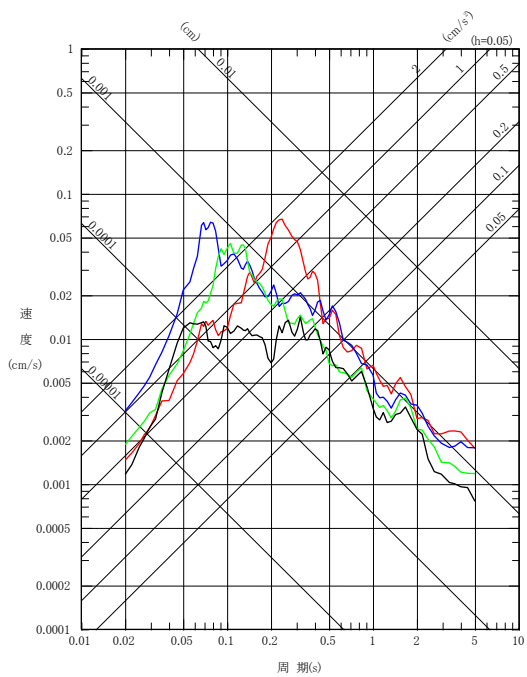


EW方向

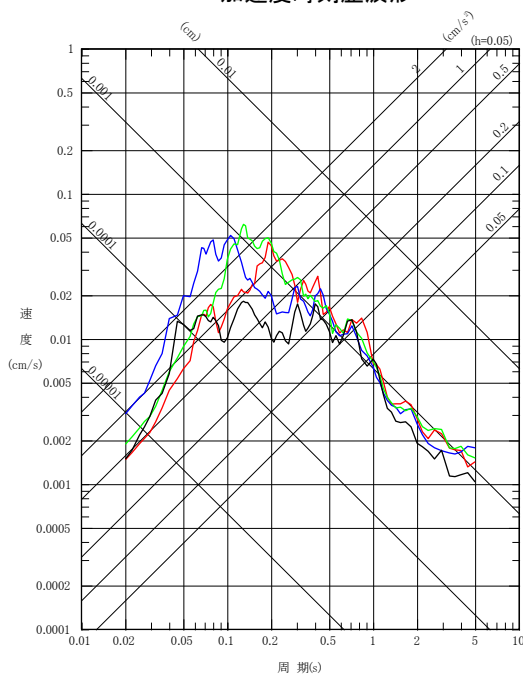
加速度時刻歴波形



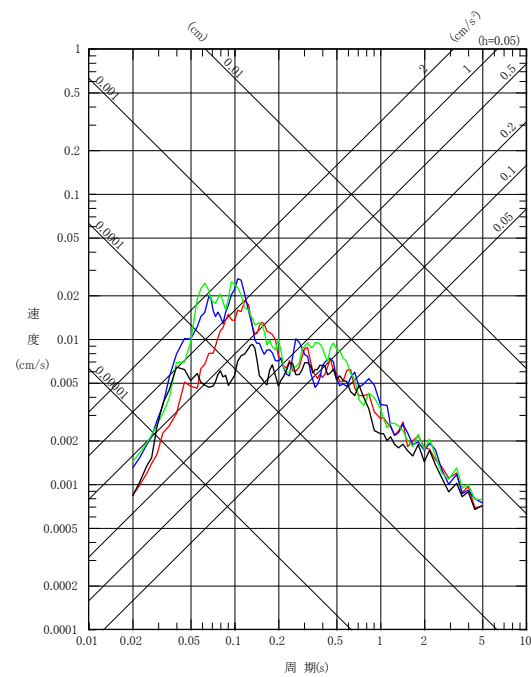
UD方向



NS方向

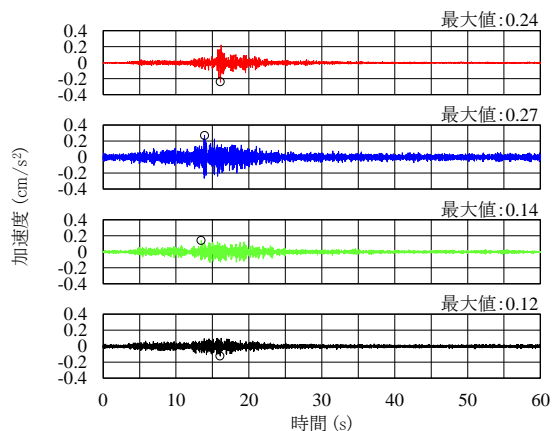


EW方向
擬似速度応答スペクトル

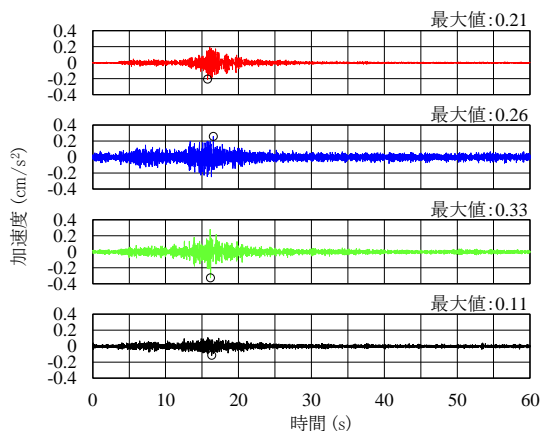


UD方向

No.74



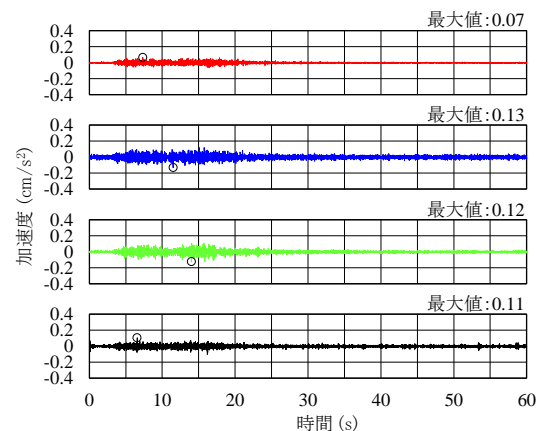
NS方向



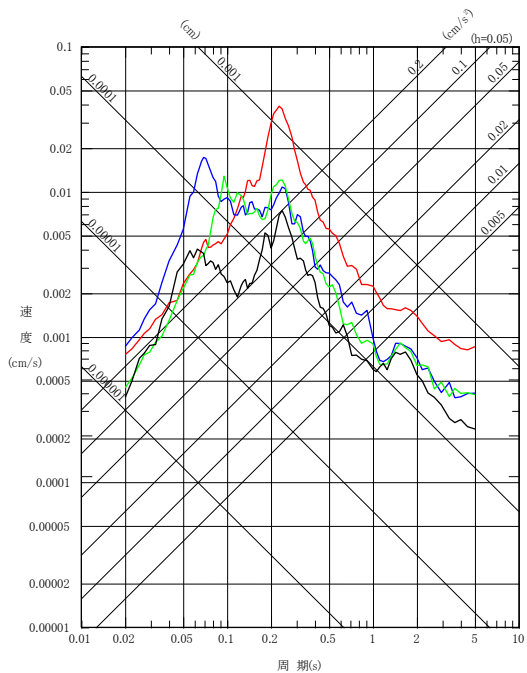
EW方向

加速度時刻歴波形

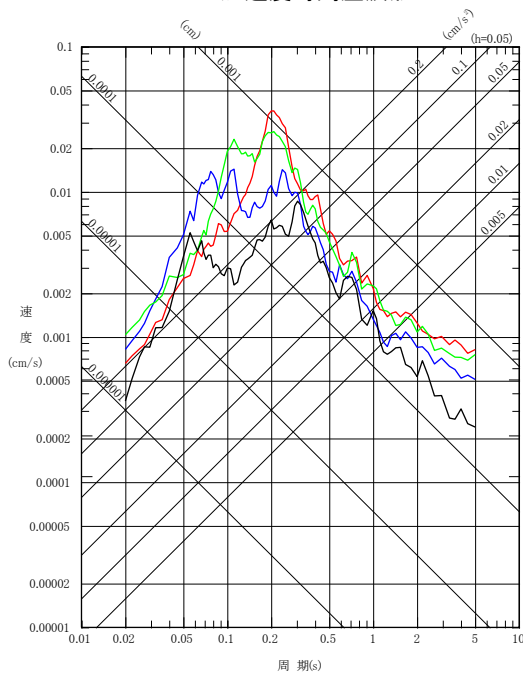
— 観測点1 — 観測点2 — 観測点3 — 観測点4



UD方向

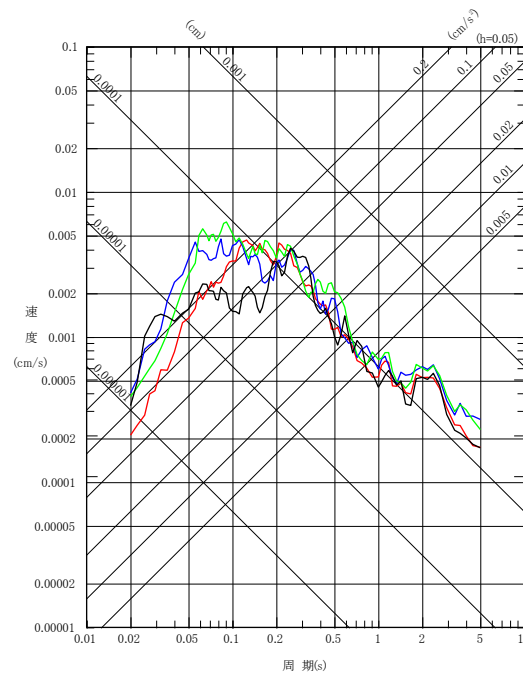


NS方向

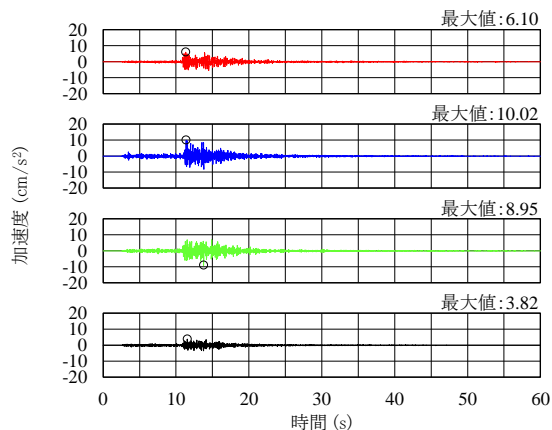


EW方向

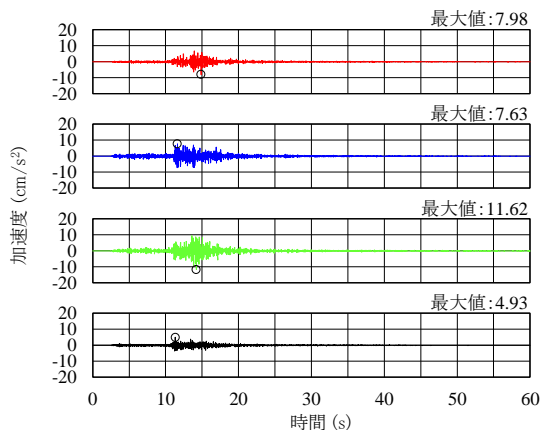
擬似速度応答スペクトル



UD方向



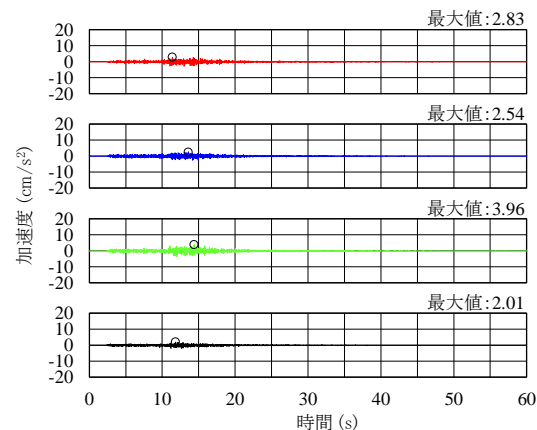
NS方向



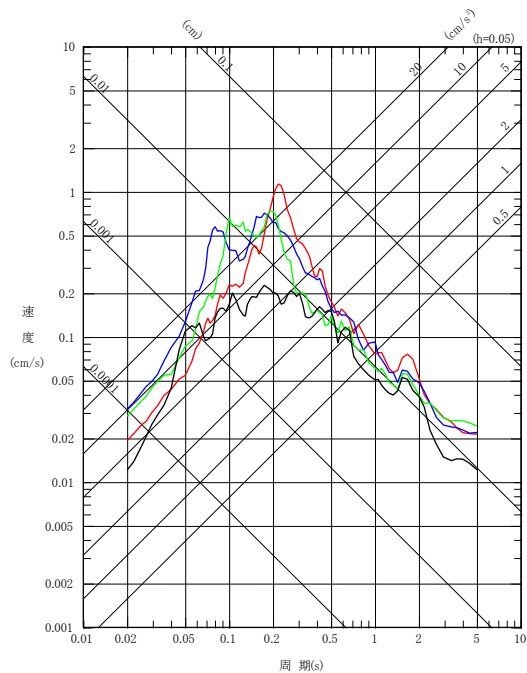
EW方向

加速度時刻歴波形

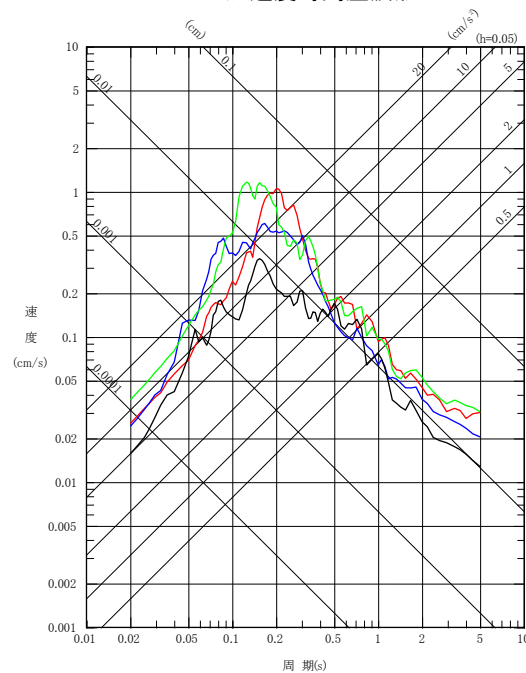
— 観測点1 — 観測点2 — 観測点3 — 観測点4



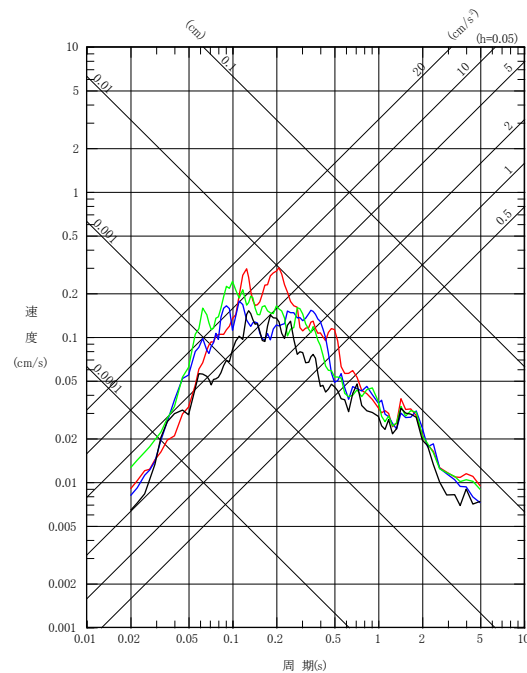
UD方向



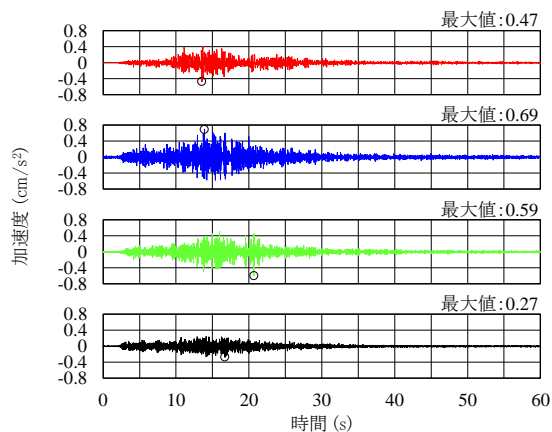
NS方向



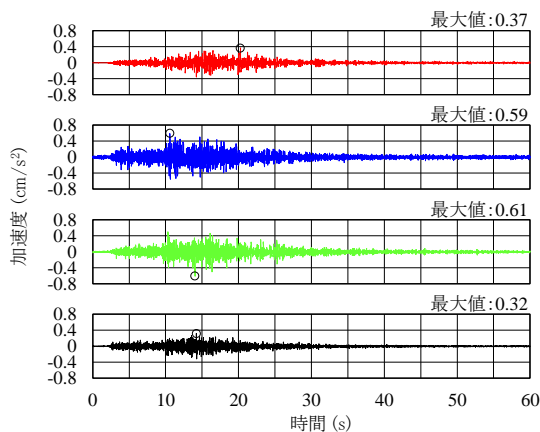
EW方向
擬似速度応答スペクトル



UD方向

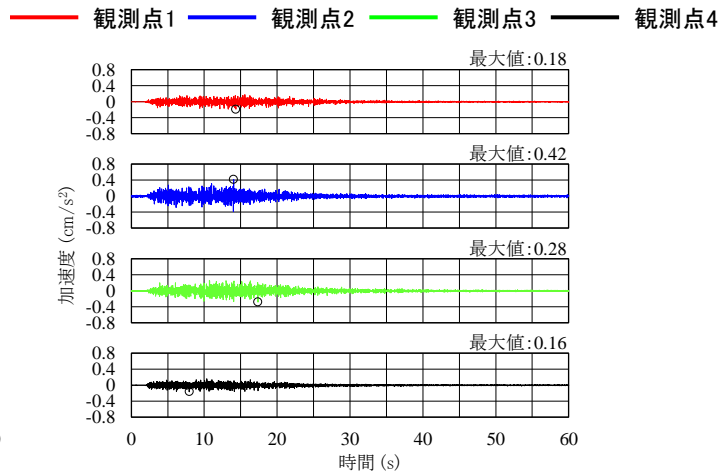


NS方向

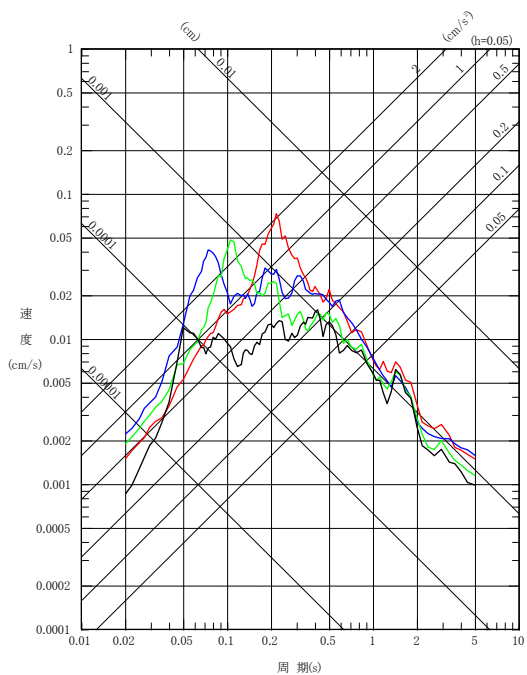


EW方向

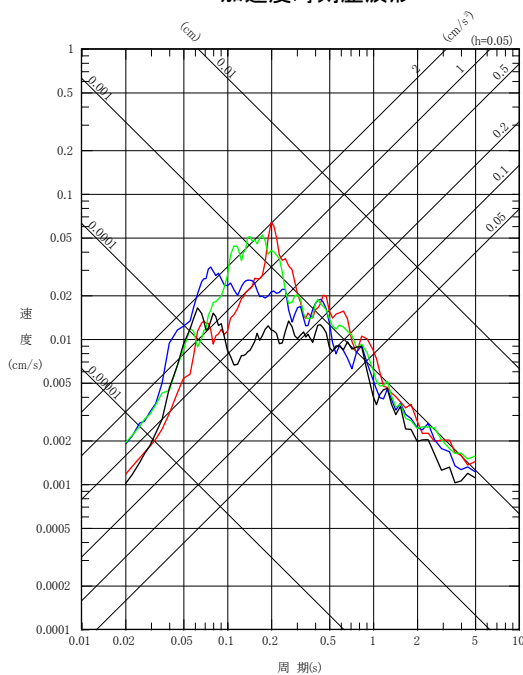
加速度時刻歴波形



UD方向

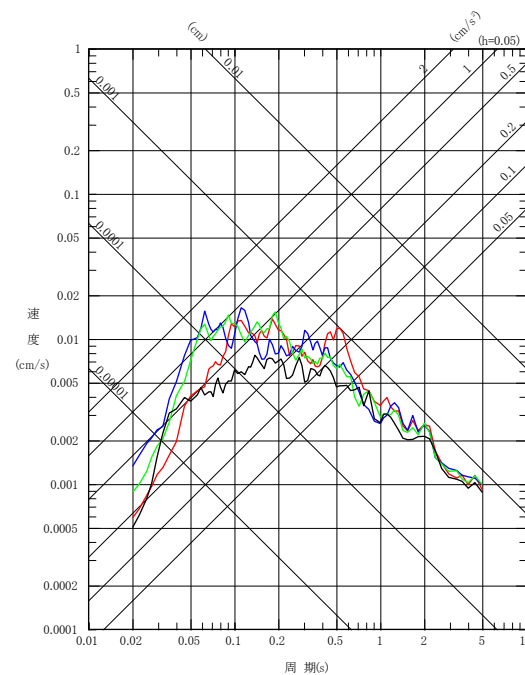


NS方向



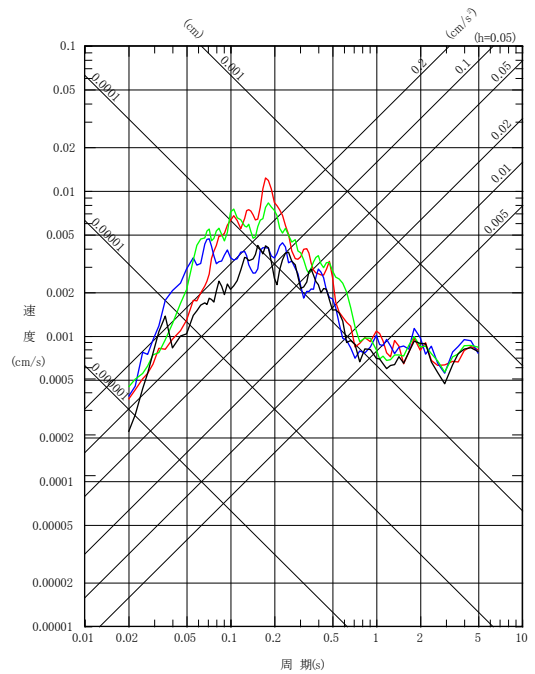
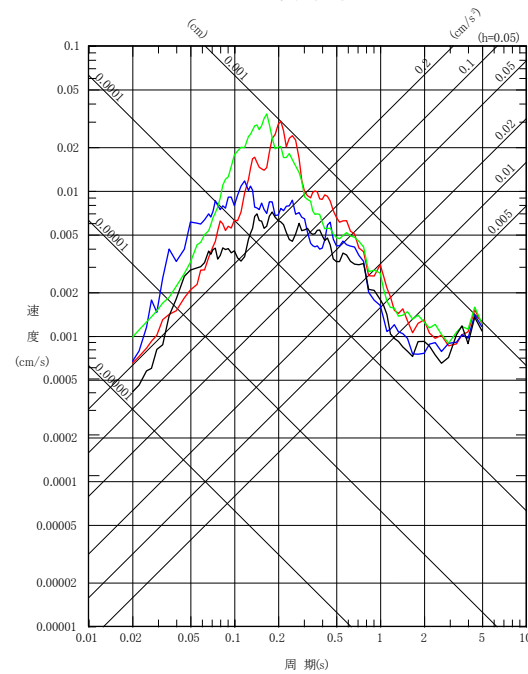
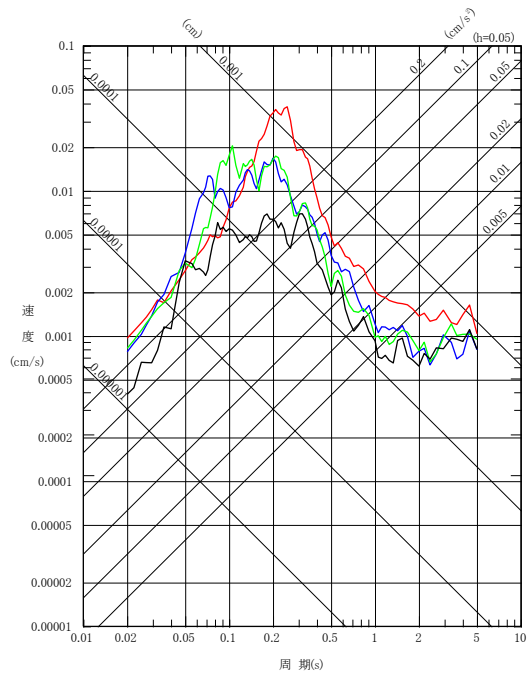
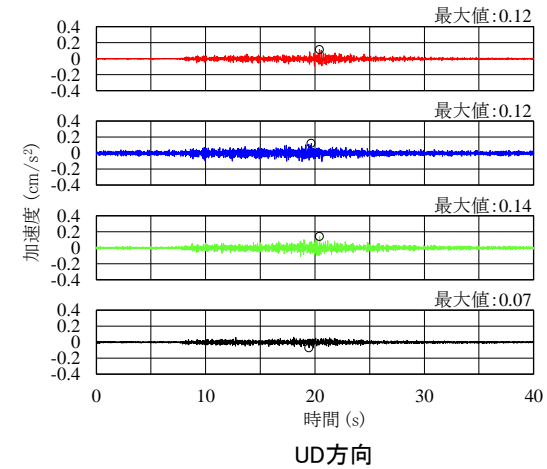
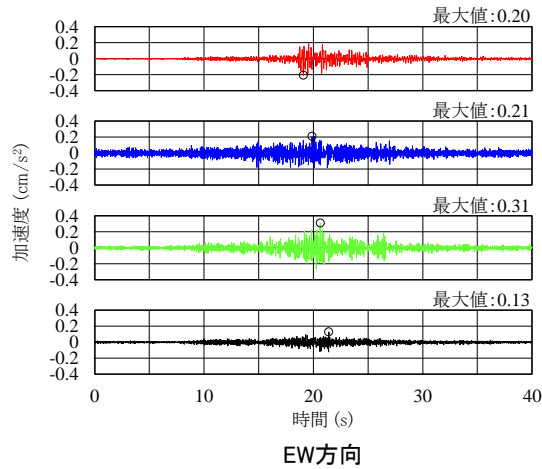
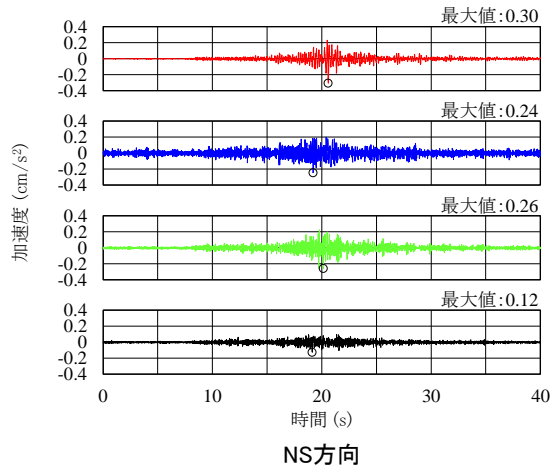
EW方向

擬似速度応答スペクトル



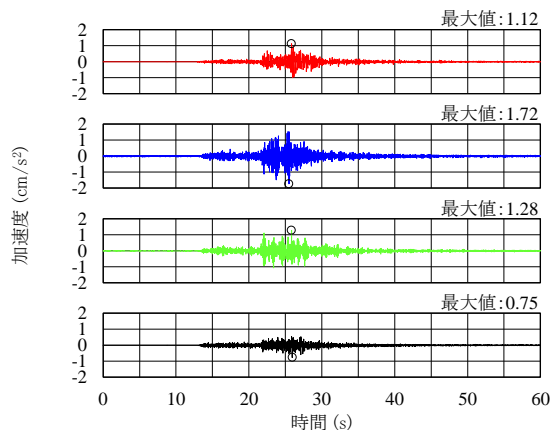
UD方向

No.77

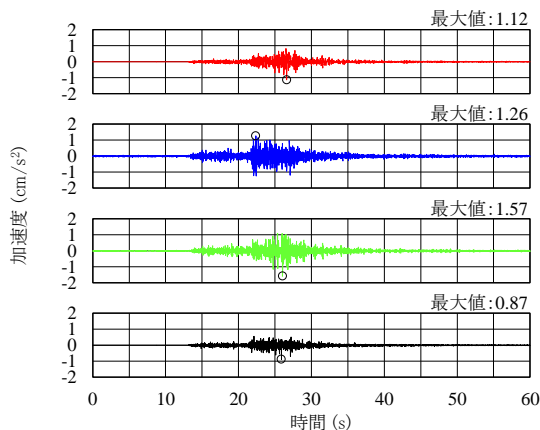


EW方向
擬似速度応答スペクトル

No.78

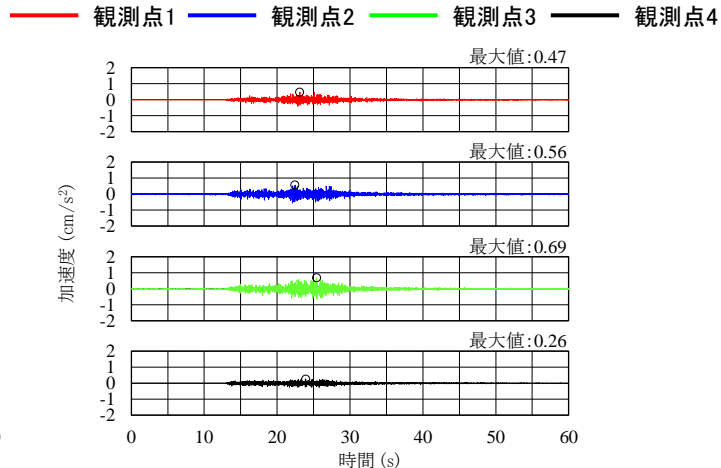


NS方向

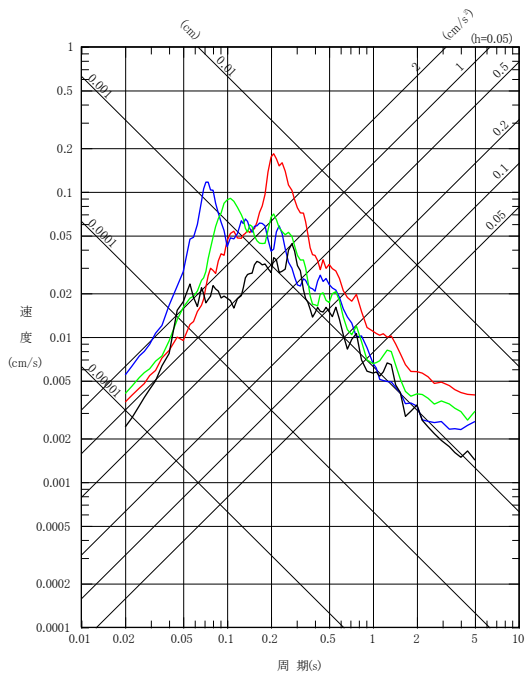


EW方向

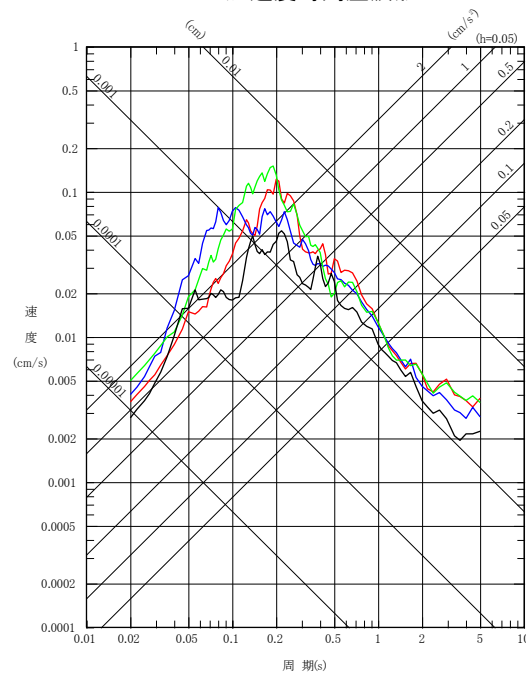
加速度時刻歴波形



UD方向

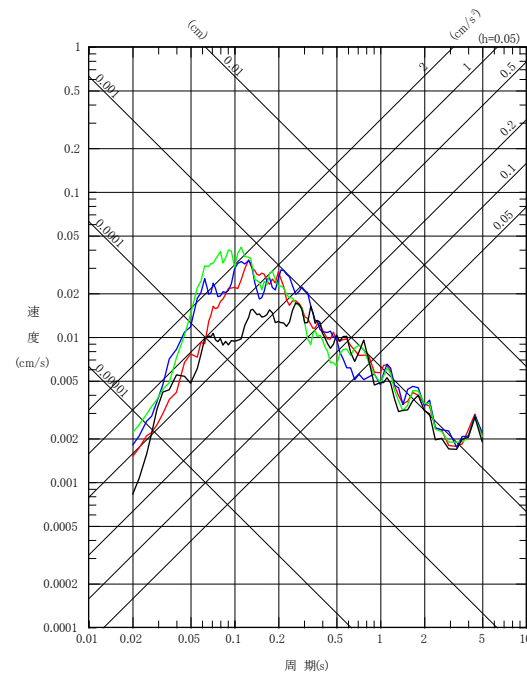


NS方向



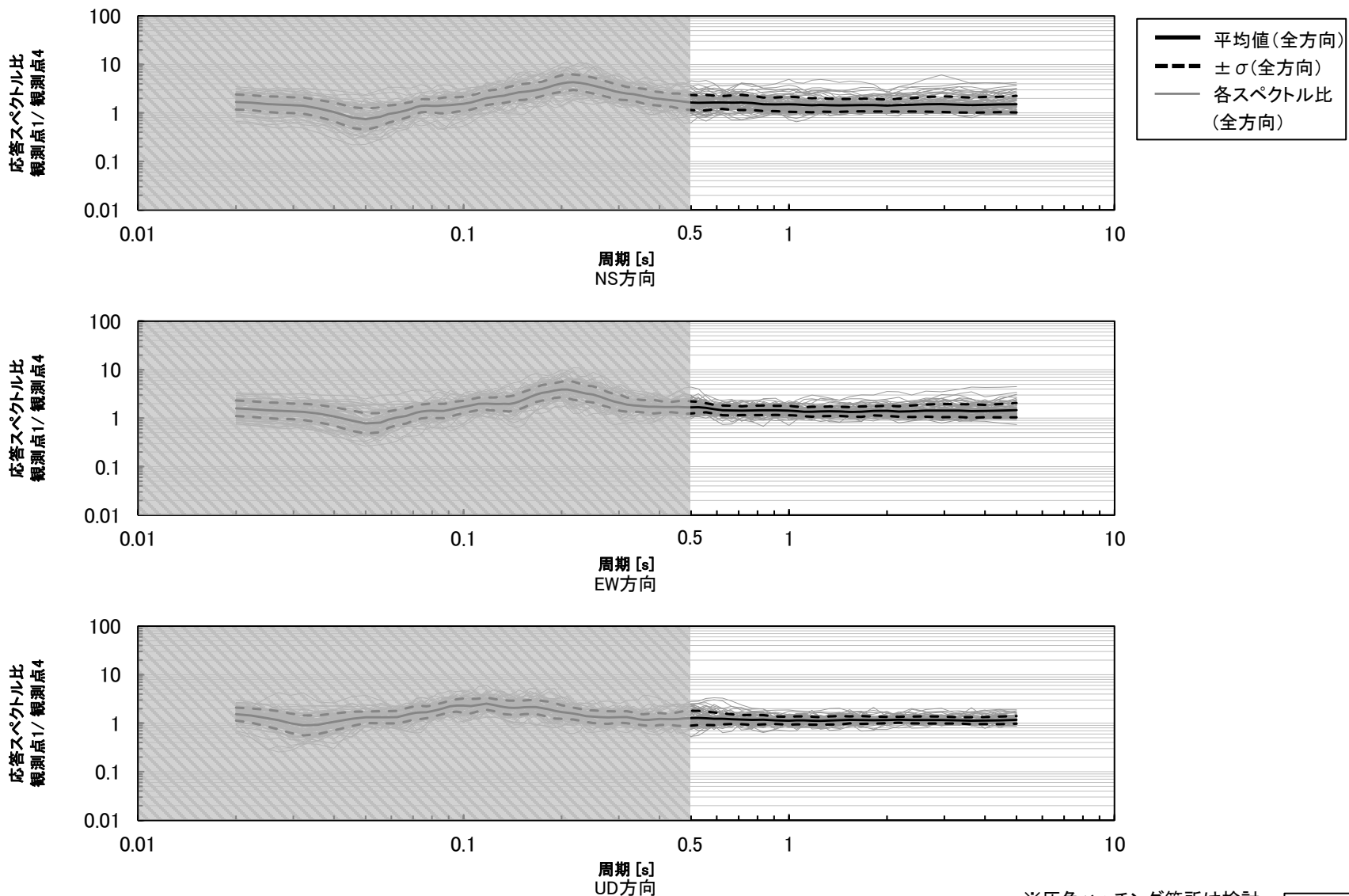
EW方向

擬似速度応答スペクトル



UD方向

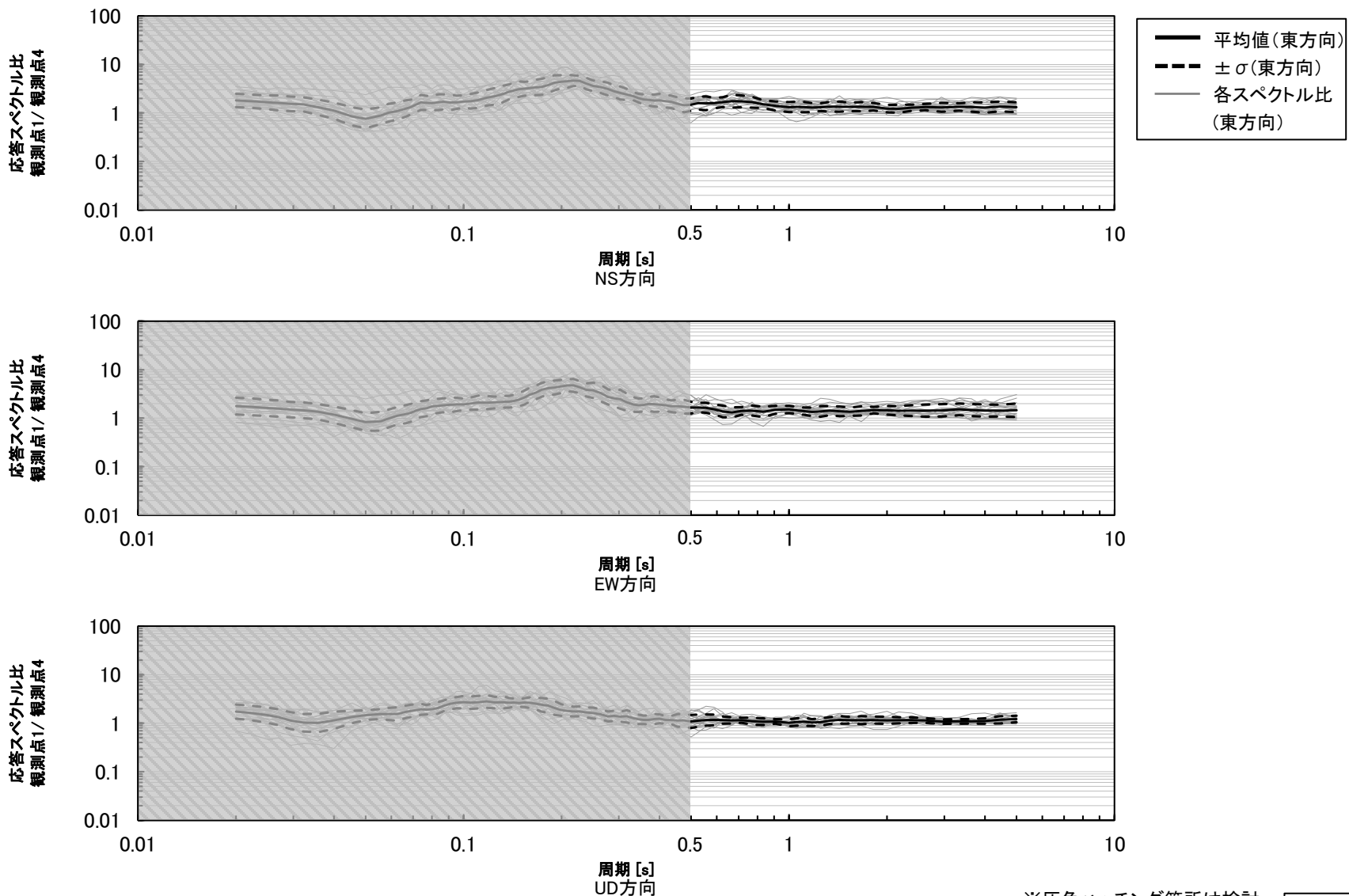
全方向 — 観測点1/観測点4—



応答スペクトル比(観測点1/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

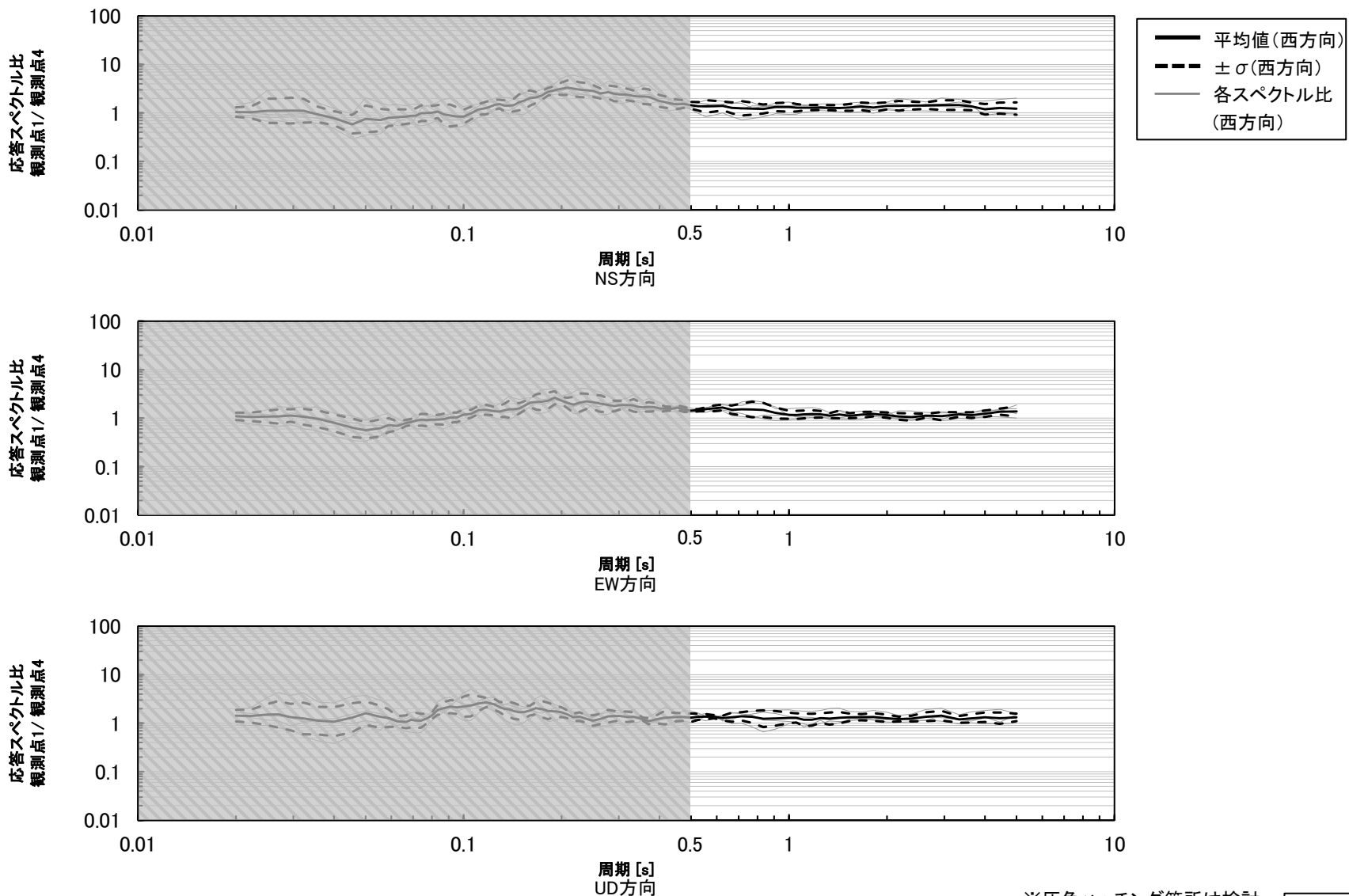
東方向 — 観測点1/観測点4—



応答スペクトル比(観測点1/観測点4) (東方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

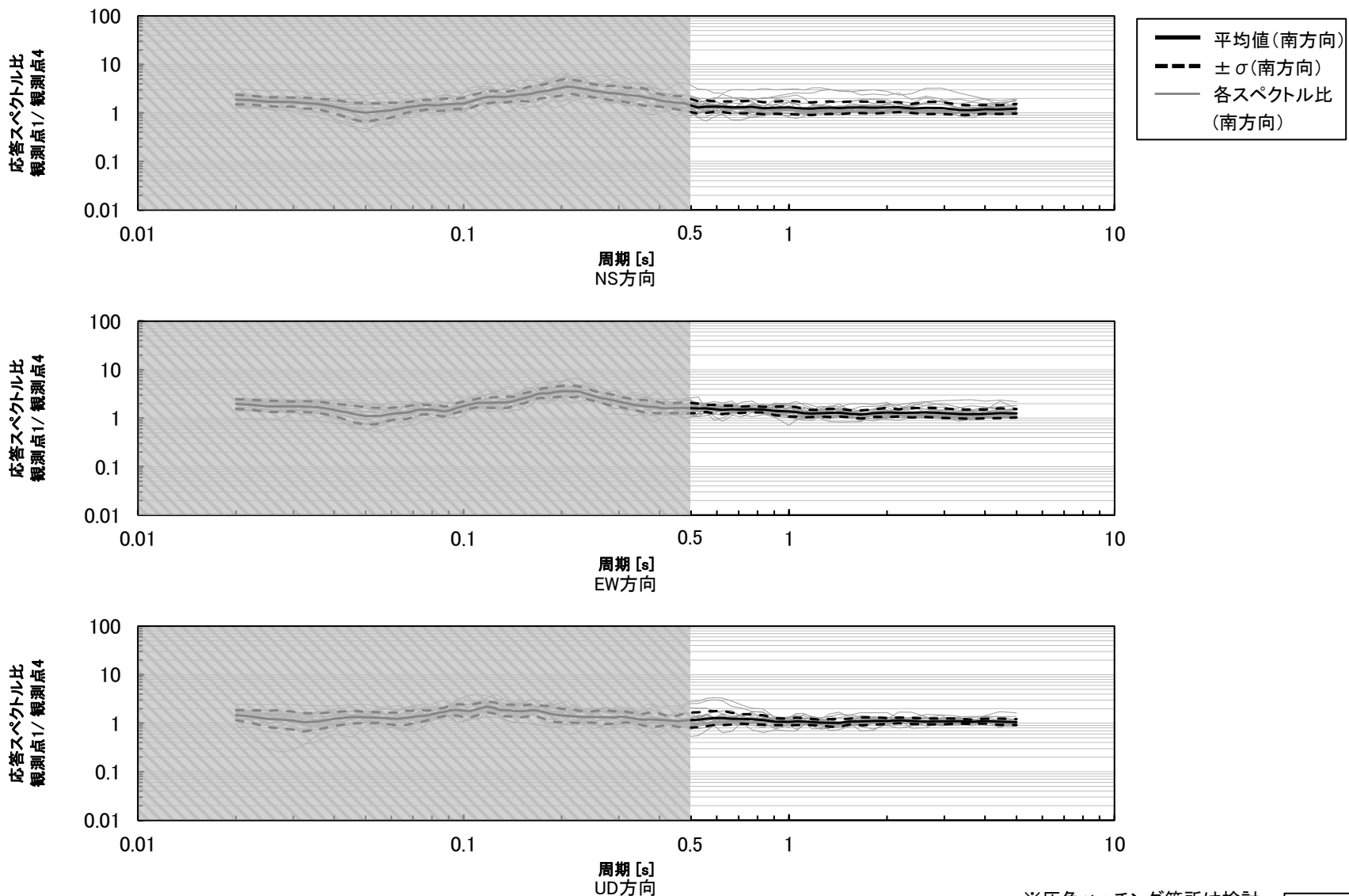
西方向 — 観測点1/観測点4—



応答スペクトル比(観測点1/観測点4) (西方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

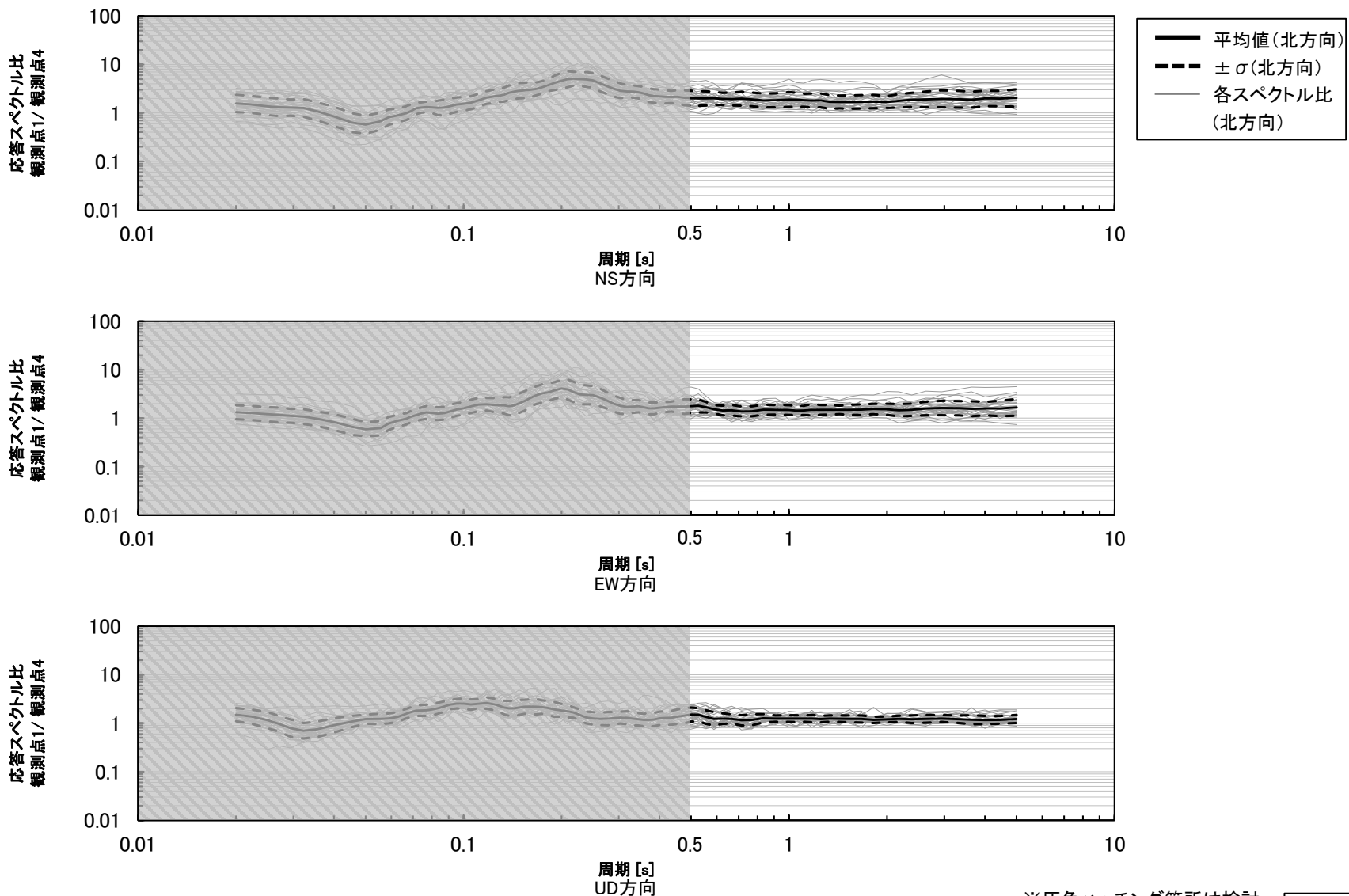
南方向 — 観測点1/観測点4—



応答スペクトル比(観測点1/観測点4) (南方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

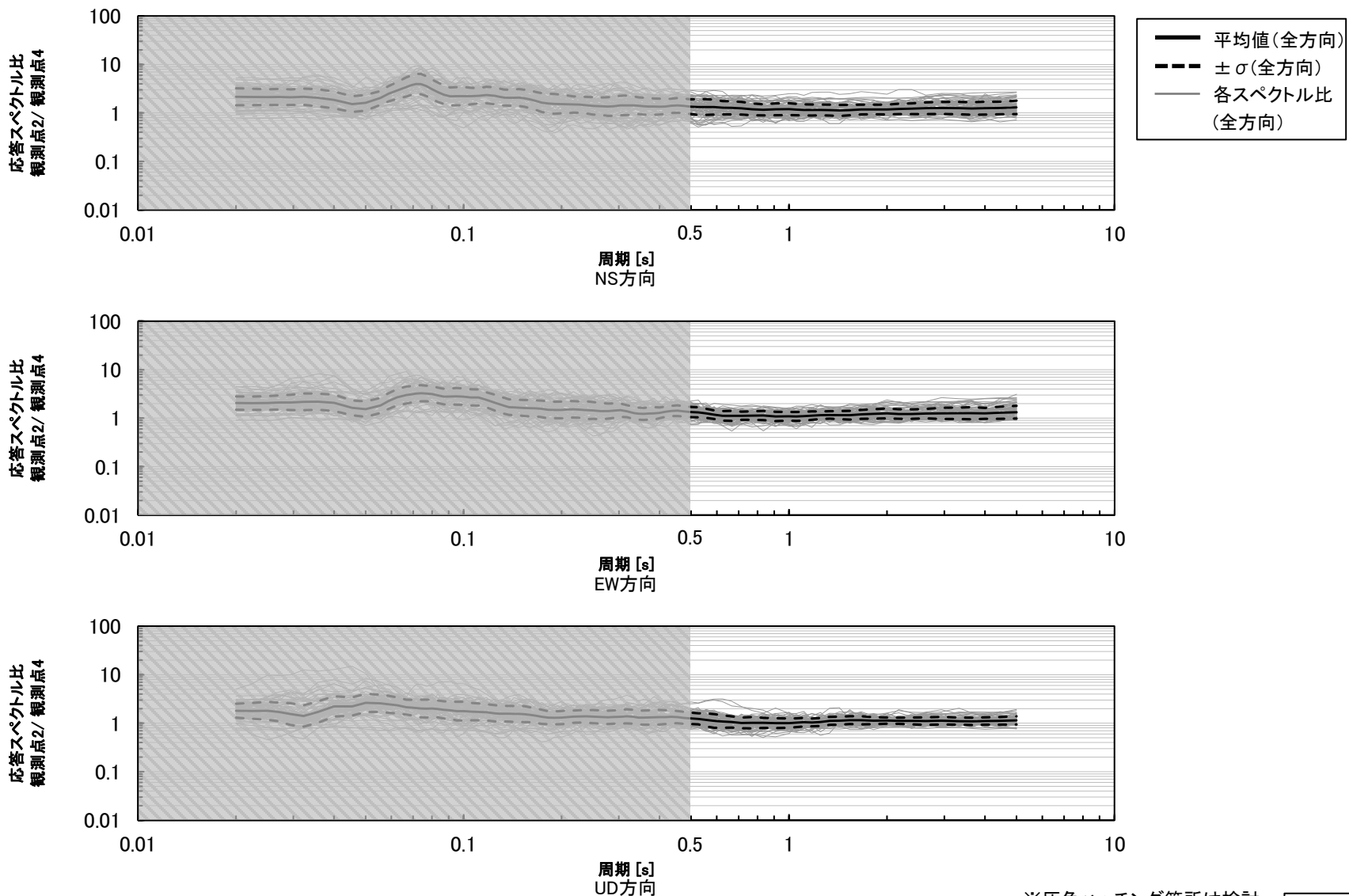
北方向 — 観測点1/観測点4—



応答スペクトル比(観測点1/観測点4) (北方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

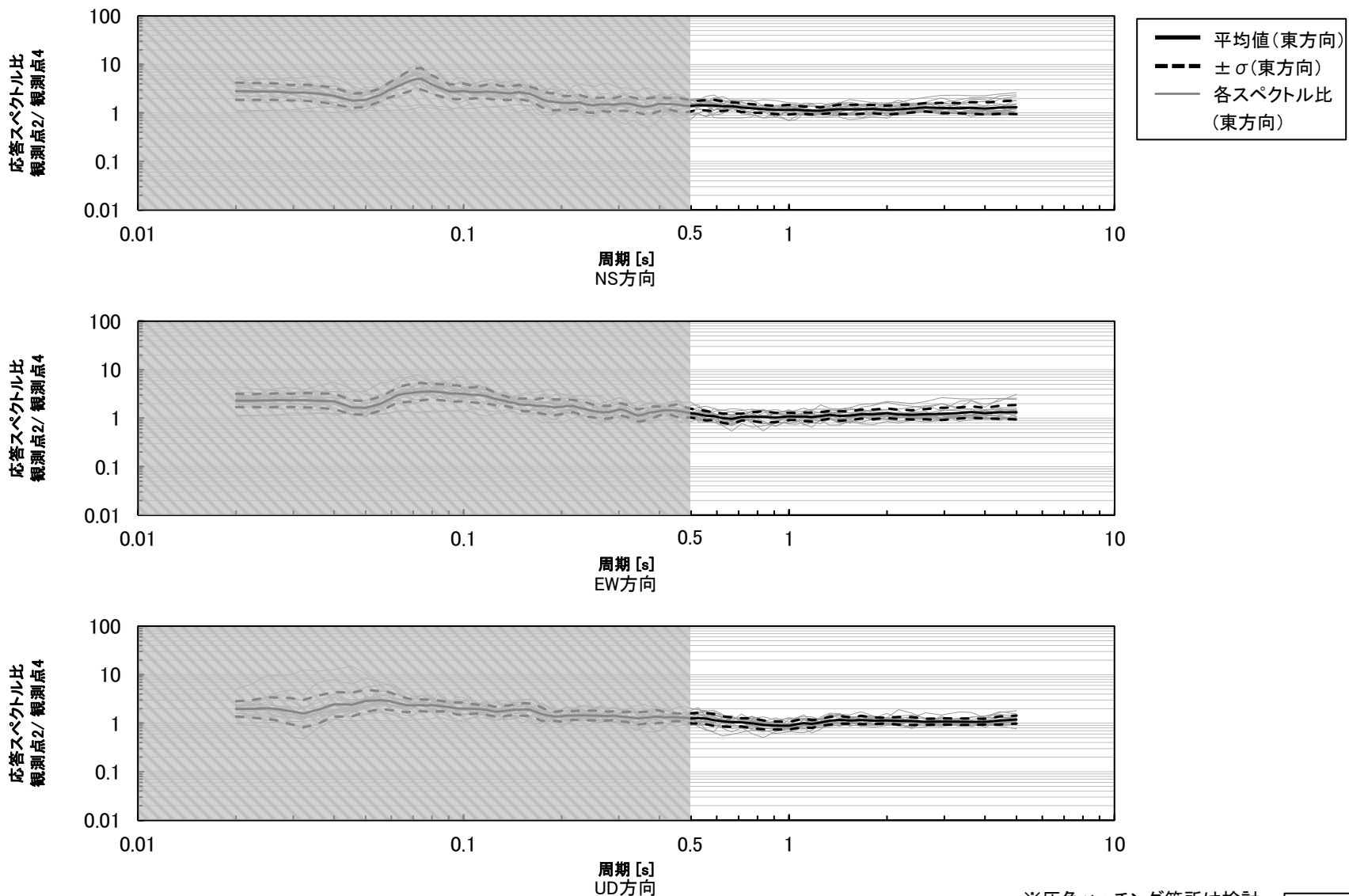
全方向 — 観測点2/観測点4—



応答スペクトル比(観測点2/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

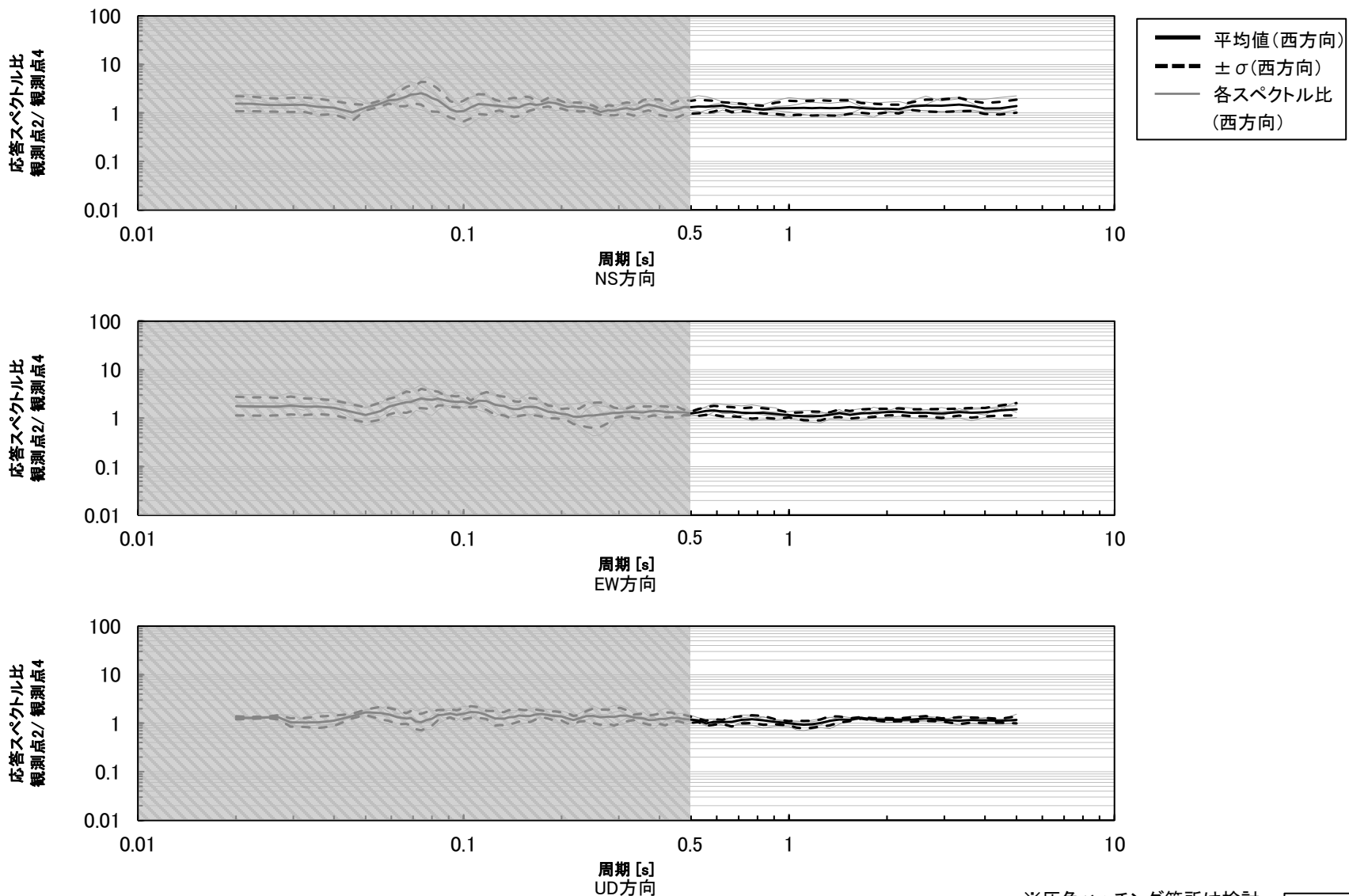
東方向 — 観測点2/観測点4—



応答スペクトル比(観測点2/観測点4) (東方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

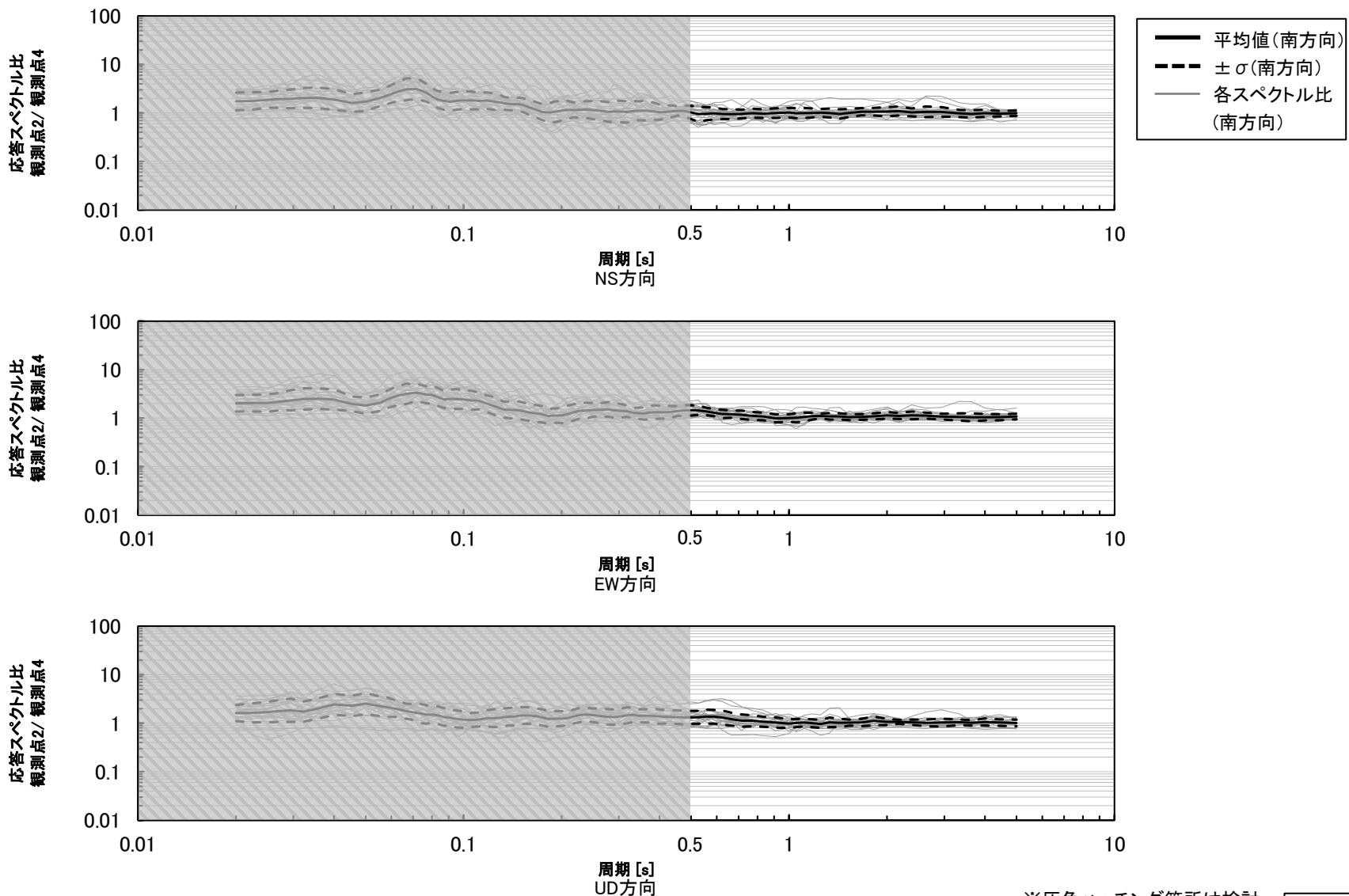
西方向 —観測点2/観測点4—



応答スペクトル比(観測点2/観測点4) (西方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

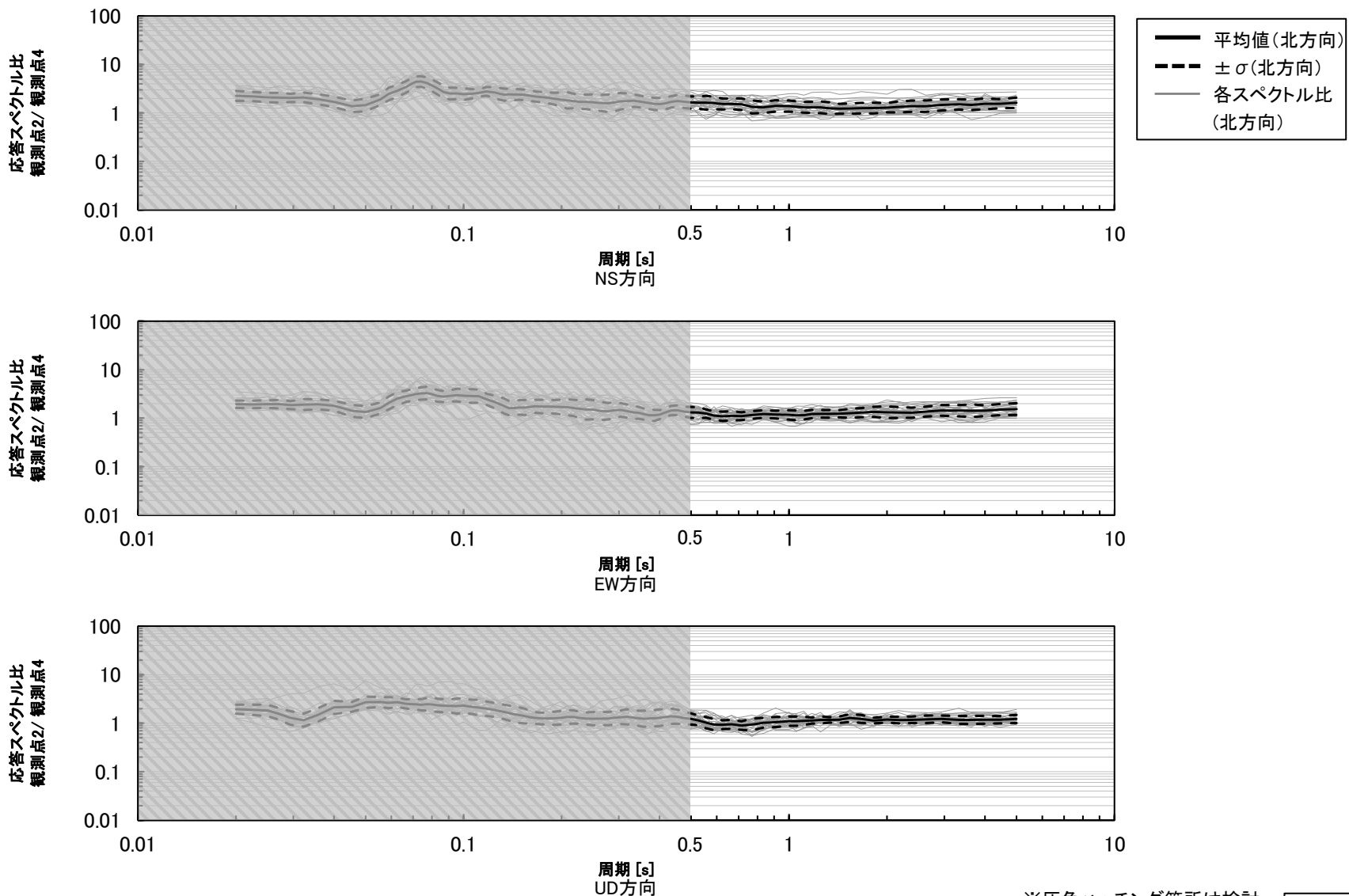
南方向 — 観測点2/観測点4—



応答スペクトル比(観測点2/観測点4) (南方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

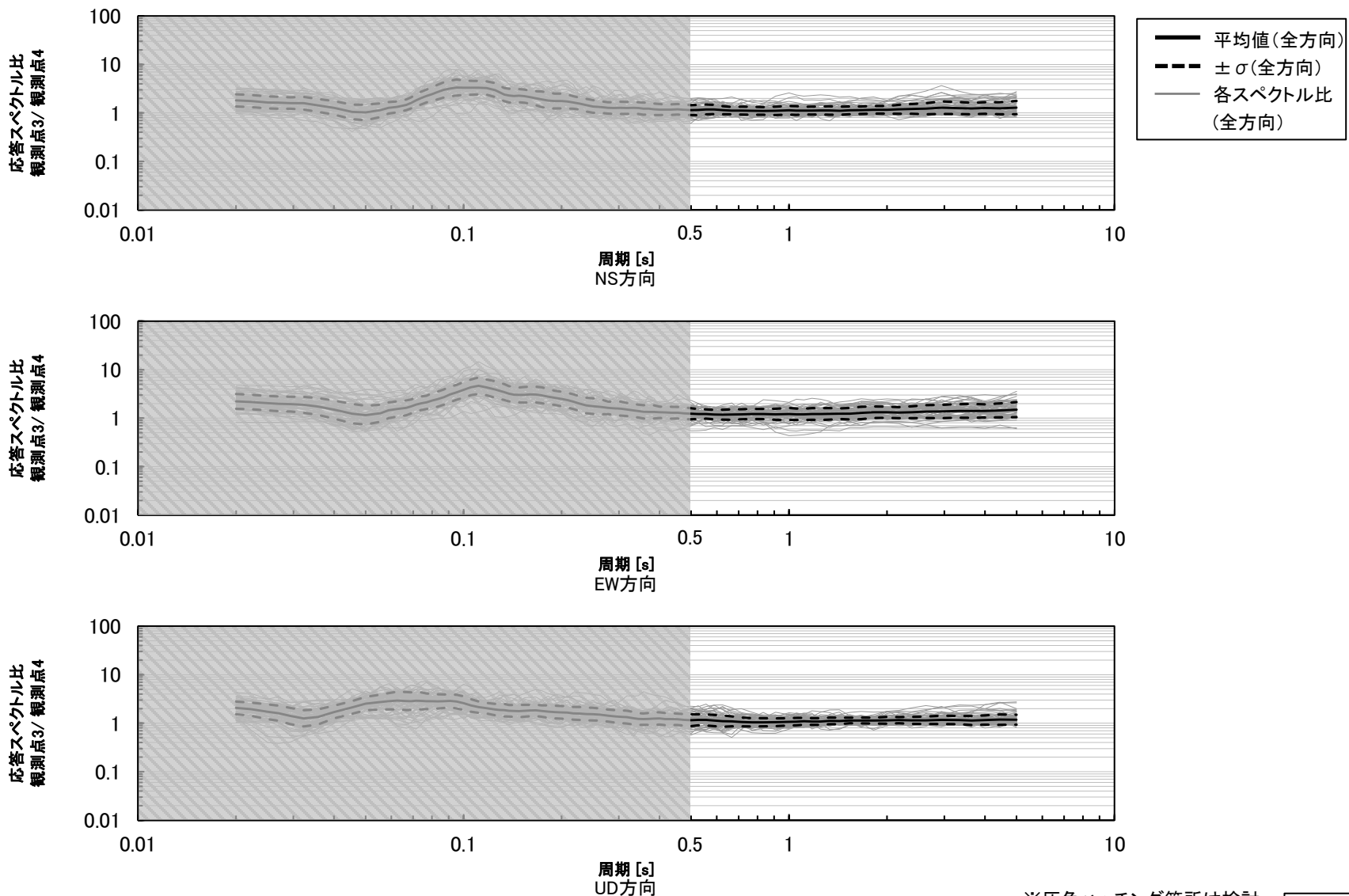
北方向 — 観測点2/観測点4—



応答スペクトル比(観測点2/観測点4) (北方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

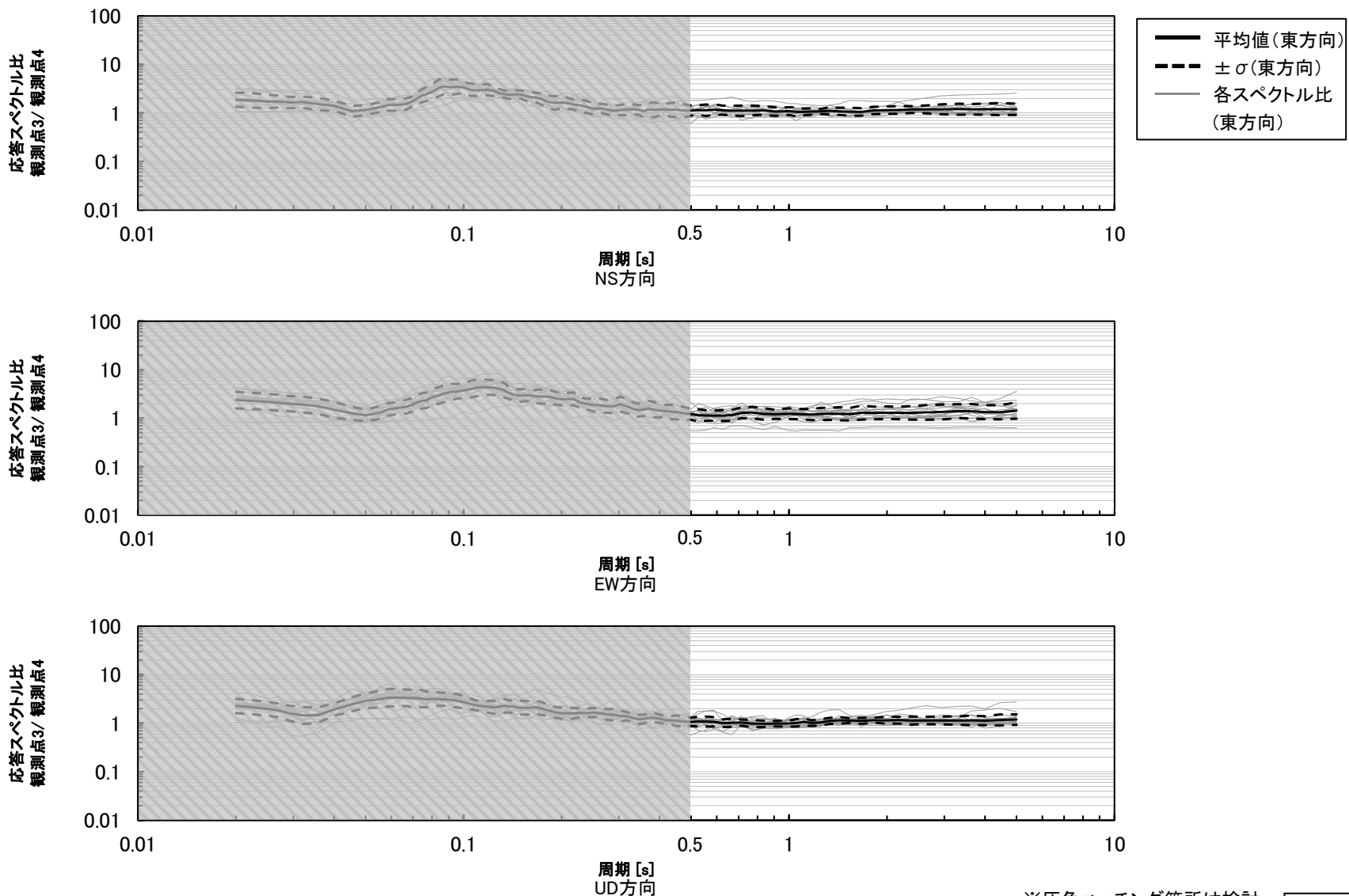
全方向 — 観測点3/観測点4 —



応答スペクトル比(観測点3/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

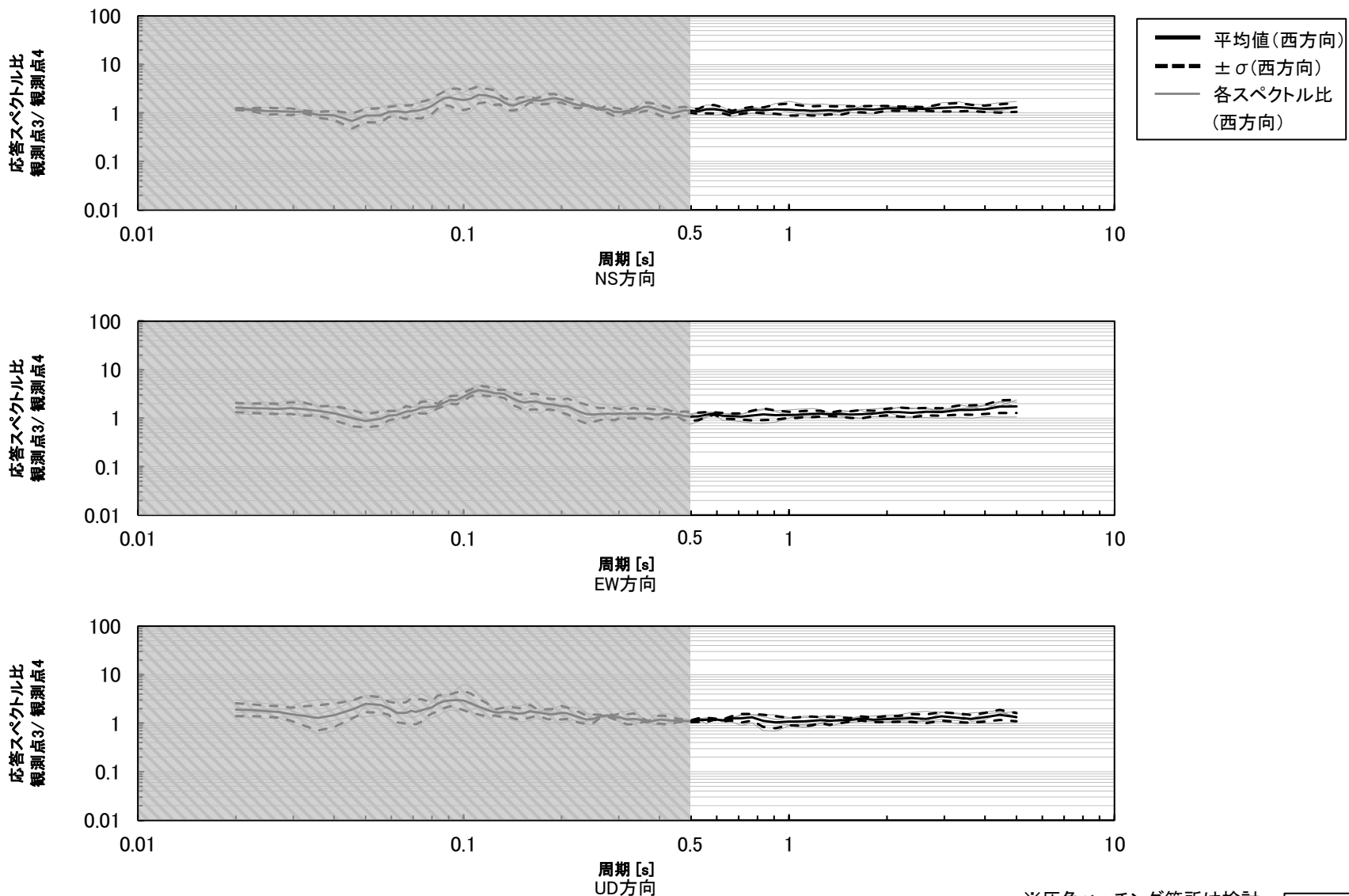
東方向 — 観測点3/観測点4—



応答スペクトル比(観測点3/観測点4) (東方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

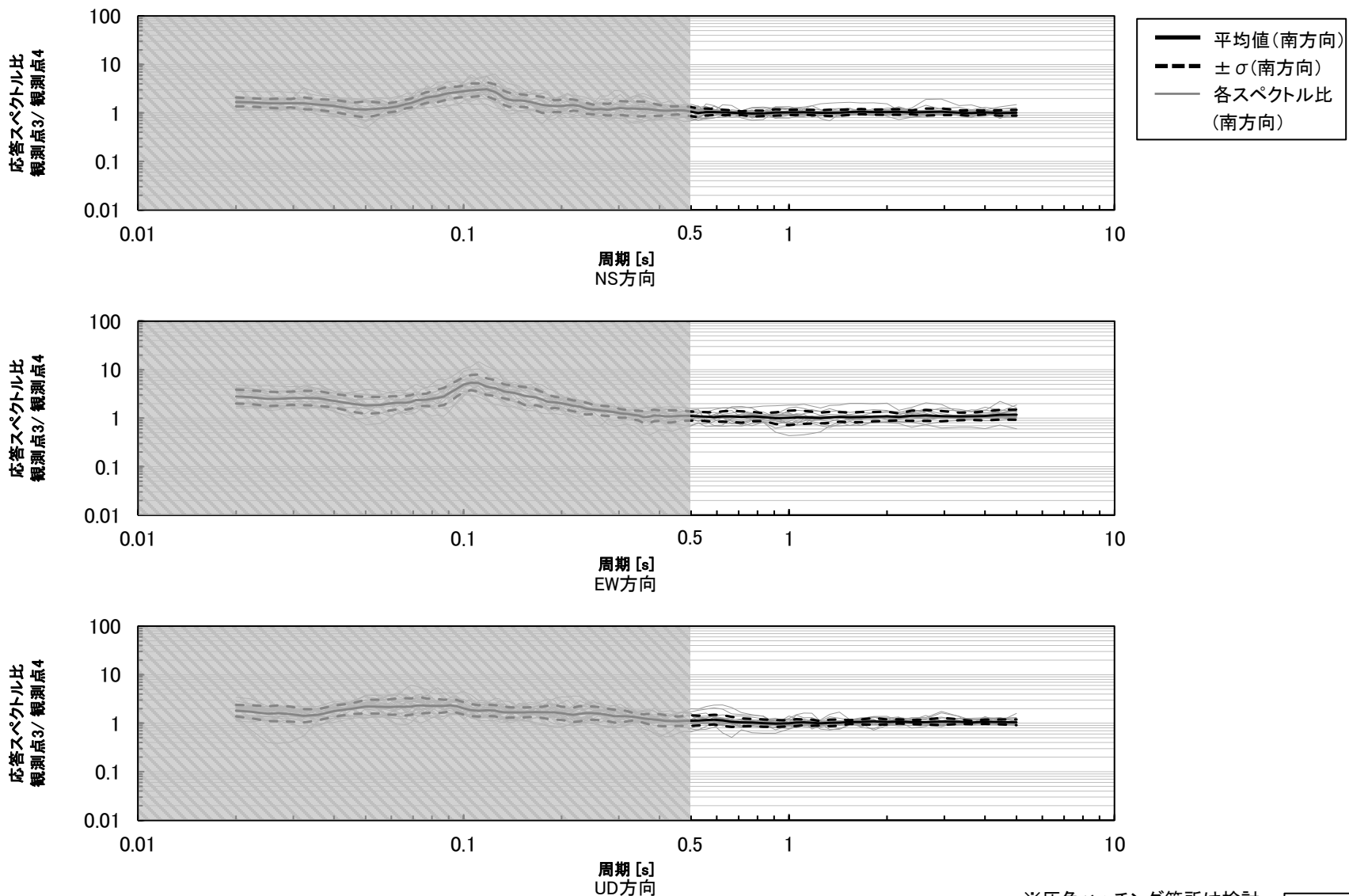
西方向 — 観測点3/観測点4—



応答スペクトル比(観測点3/観測点4) (西方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

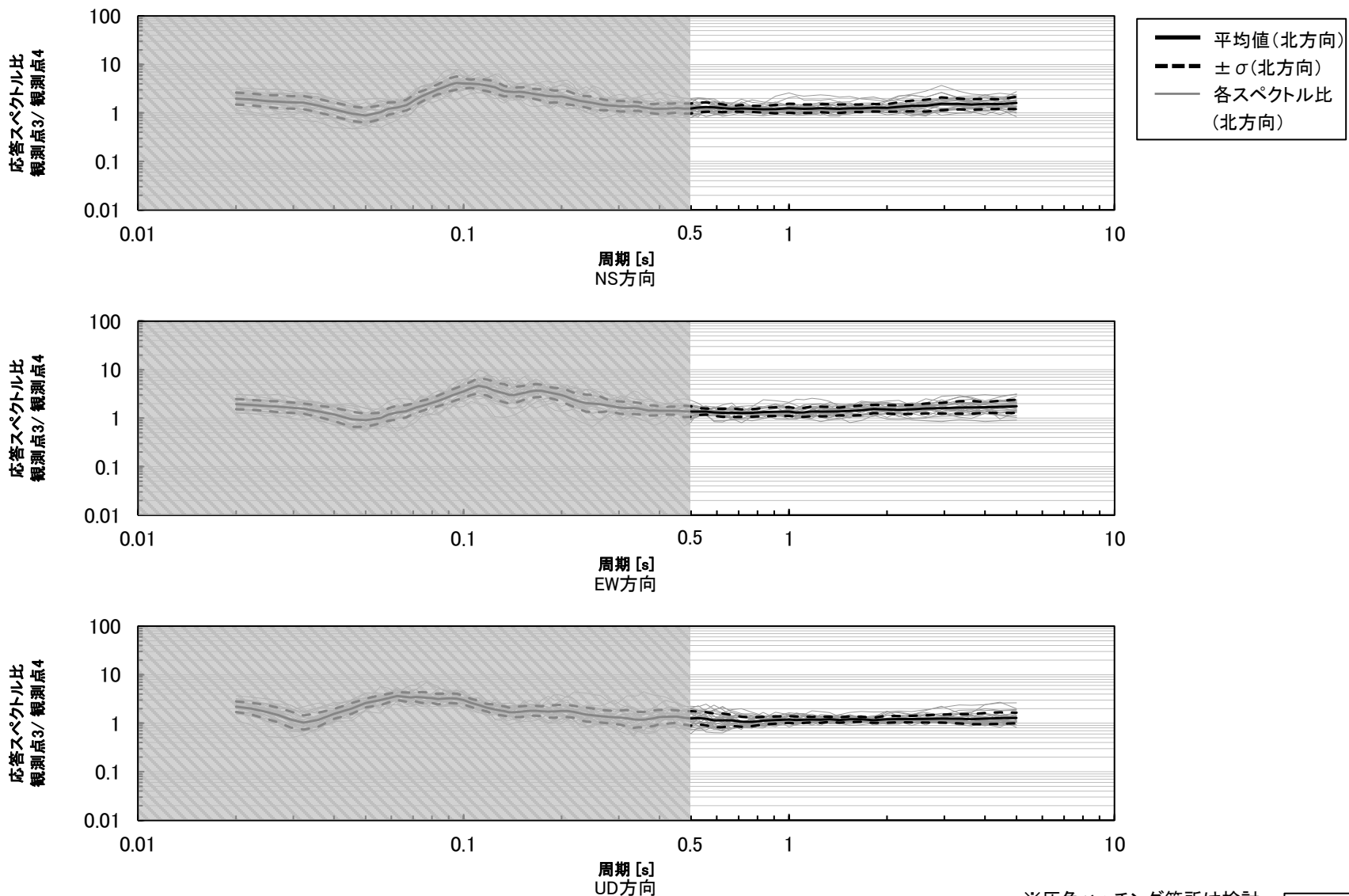
南方向 — 観測点3/観測点4—



応答スペクトル比(観測点3/観測点4) (南方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

北方向 — 観測点3/観測点4—



応答スペクトル比(観測点3/観測点4) (北方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

3.2 水平アレー地震観測記録(地中)を用いた検討

検討の対象とした地震

検討の対象とした地震の諸元*

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
1	2006/03/26	09:44	37.0180	136.8908	12.85	3.9	15.4	東
2	2007/03/25	09:41	37.2207	136.6860	10.70	6.9	18.1	北
3	2007/03/25	10:16	37.2300	136.6573	5.41	4.1	19.8	北
4	2007/03/25	11:19	37.2670	136.7007	6.84	4.2	23.0	北
5	2007/03/25	12:24	37.1995	136.7205	11.98	3.7	15.4	北
6	2007/03/25	13:02	37.2082	136.7180	12.48	3.9	16.4	北
7	2007/03/25	14:55	37.1660	136.6953	10.37	3.8	12.0	北
8	2007/03/25	15:43	37.2940	136.7718	8.90	4.5	26.2	北
9	2007/03/25	15:57	37.2288	136.7337	11.42	3.8	18.7	北
10	2007/03/25	16:53	37.2203	136.6657	7.72	3.7	18.5	北
11	2007/03/25	18:11	37.3043	136.8395	13.45	5.3	28.8	北
12	2007/03/26	02:14	37.1578	136.6695	11.96	4.2	11.9	北
13	2007/03/26	02:25	37.1838	136.5938	6.95	3.7	18.1	北
14	2007/03/26	07:16	37.1668	136.4893	0.00	5.3	24.2	西
15	2007/03/26	13:47	37.2703	136.6570	4.30	4.4	24.1	北
16	2007/03/26	14:46	37.1653	136.5518	8.62	4.8	19.4	西
17	2007/03/26	18:02	37.2762	136.7007	5.91	4.6	24.0	北
18	2007/03/27	11:33	37.2267	136.6793	7.43	3.8	18.9	北
19	2007/03/28	00:57	37.2510	136.7215	9.89	4.0	21.1	北
20	2007/03/28	08:08	37.2223	136.7088	13.29	4.9	18.0	北
21	2007/03/28	10:51	37.1757	136.6118	10.18	4.6	16.3	北
22	2007/03/28	13:05	37.2820	136.6832	6.79	4.7	24.9	北
23	2007/03/28	21:16	37.1903	136.5823	6.10	3.8	19.3	北
24	2007/03/31	08:09	37.2347	136.7598	13.47	4.4	19.5	北
25	2007/04/02	08:01	37.2073	136.6468	6.99	4.1	17.7	北
26	2007/04/11	22:11	37.0742	136.4268	8.20	4.3	26.7	西
27	2007/04/26	11:30	37.2342	136.7443	10.90	3.9	19.3	北
28	2007/05/02	20:44	37.3307	136.7628	6.59	4.7	30.1	北
29	2007/06/08	03:17	37.2245	136.6762	7.75	3.4	18.7	北
30	2007/06/11	03:45	37.2442	136.6547	7.29	5.0	21.3	北
31	2007/06/22	03:34	36.8780	136.6677	7.50	4.6	21.0	南
32	2007/07/16	10:13	37.5568	138.6095	16.75	6.8	175.8	東
33	2007/09/20	20:05	37.1485	136.4970	8.94	3.9	22.6	西
34	2008/01/26	04:33	37.3188	136.7733	11.30	4.8	28.9	北
35	2008/04/29	06:58	37.2325	136.7308	10.91	3.8	19.1	北
36	2008/05/02	05:46	37.2347	136.6207	3.78	4.0	21.5	北
37	2008/07/15	14:41	37.1470	136.5913	10.35	3.9	15.4	西
38	2008/07/27	10:53	37.0998	136.8142	2.08	3.2	8.9	東
39	2009/05/23	05:15	37.1438	136.5355	10.91	3.9	19.3	西
40	2013/04/04	01:58	36.7340	136.7850	12.93	4.2	36.6	南
41	2014/09/27	00:35	37.2377	136.6780	8.30	4.1	20.1	北
42	2015/02/01	00:42	37.2618	137.1442	14.84	4.4	43.3	東
43	2015/04/21	05:15	36.9450	136.7195	7.58	3.1	12.9	南
44	2020/03/13	02:18	37.2797	136.8245	12.33	5.5	25.8	北
45	2020/04/06	05:00	37.2677	136.8118	12.05	4.0	24.2	北
46	2021/09/16	18:42	37.5053	137.3008	13.12	5.1	70.9	東
47	2022/06/19	15:08	37.5153	137.2763	13.14	5.4	70.1	北
48	2022/06/20	10:31	37.5220	137.3220	13.86	5.0	73.5	東
49	2023/01/06	13:44	37.5065	137.2743	13.42	4.5	69.3	北
50	2023/05/05	14:42	37.5390	137.3045	12.14	6.5	73.8	北

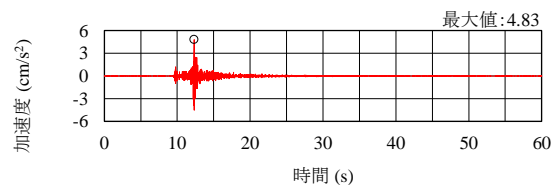
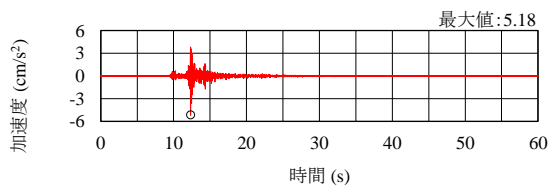
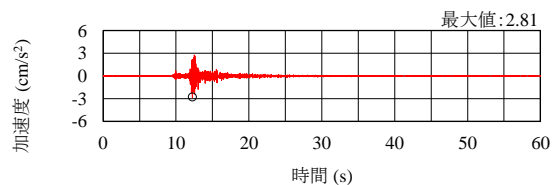
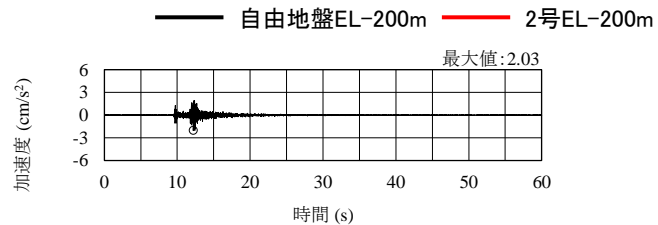
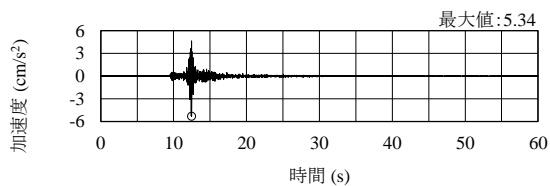
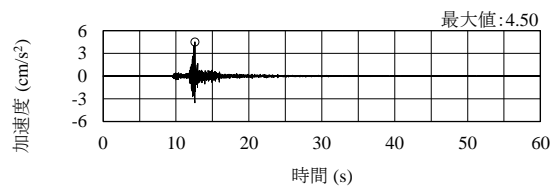
No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
51	2023/05/05	14:53	37.5257	137.2218	12.81	5.0	67.7	北
52	2023/05/05	21:58	37.5263	137.2355	13.70	5.9	68.6	北
53	2023/05/09	05:14	37.5208	137.3103	14.52	4.7	72.7	東
54	2023/05/09	05:16	37.5262	137.3173	13.86	4.4	73.6	東
55	2023/05/10	07:14	37.6010	137.2857	12.34	4.9	77.8	北

* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

到来方向	地震数
東方向	8個
西方向	6個
南方向	3個
北方向	38個
全方向	55個

※ 震央の方位は志賀原子力発電所から震央位置を望む方位を示す。

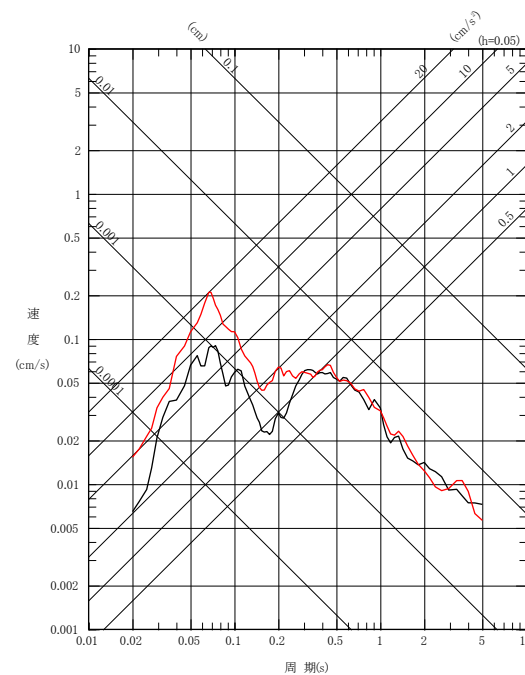
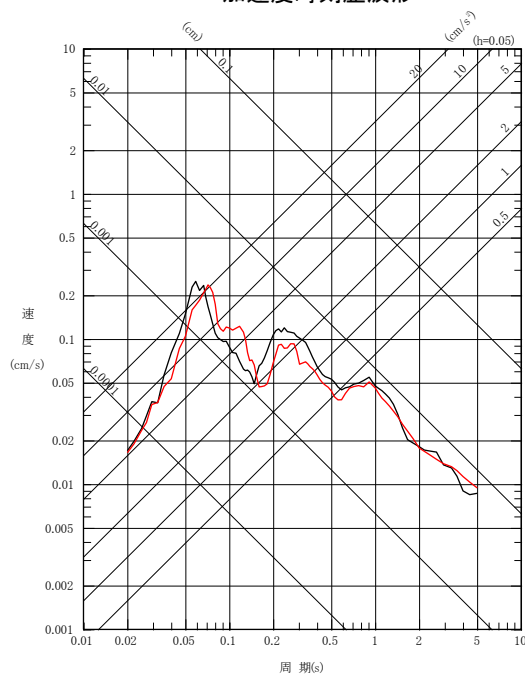
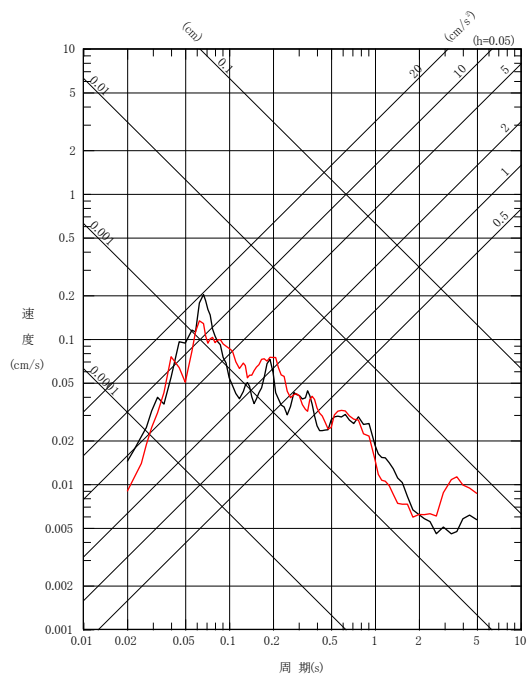
No.1



NS方向

EW方向
加加速度時刻歴波形

UD方向

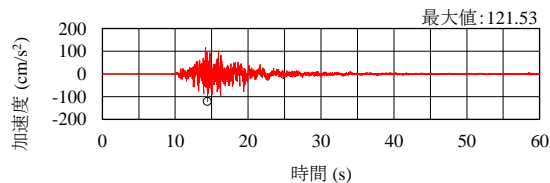
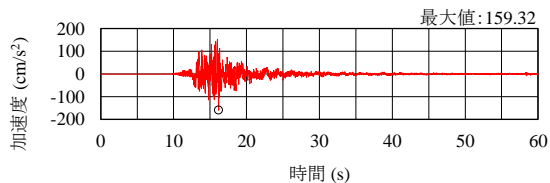
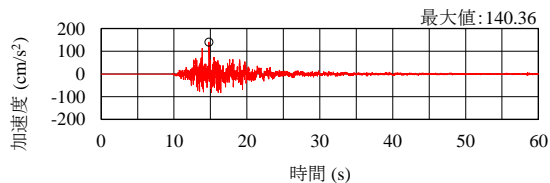
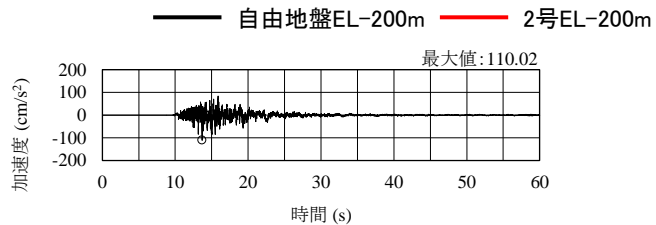
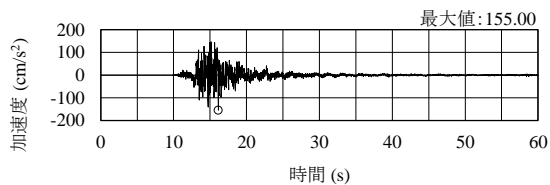
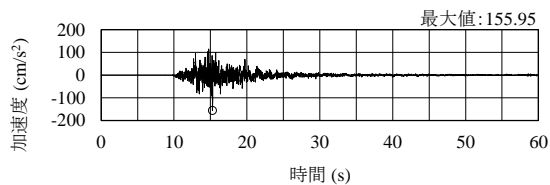


NS方向

EW方向
擬似速度応答スペクトル

UD方向

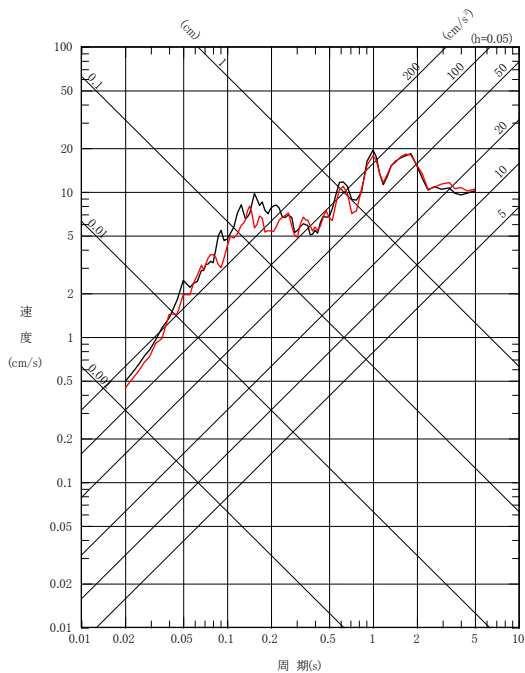
No.2



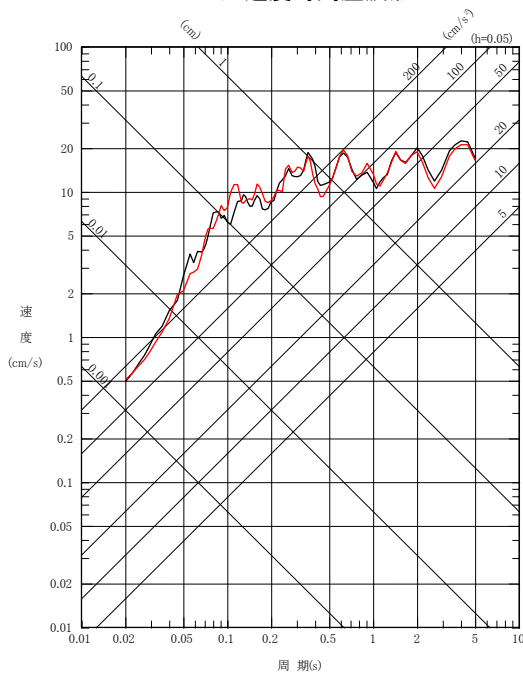
NS方向

EW方向
加速度時刻歴波形

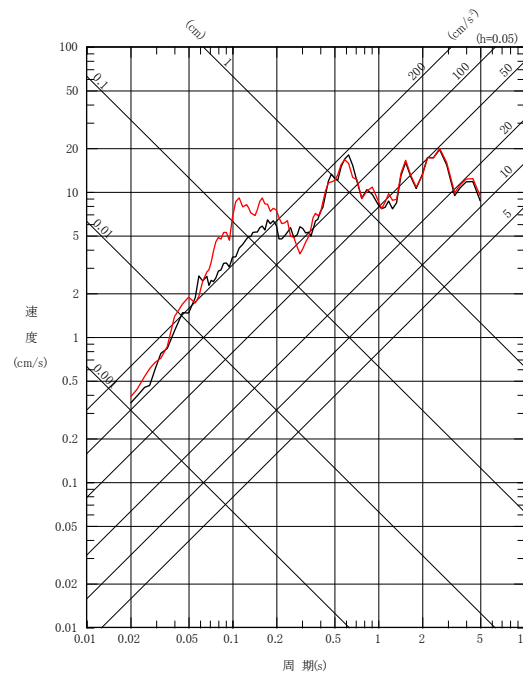
UD方向



NS方向

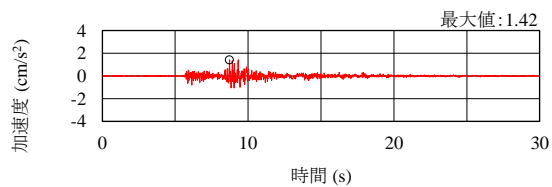
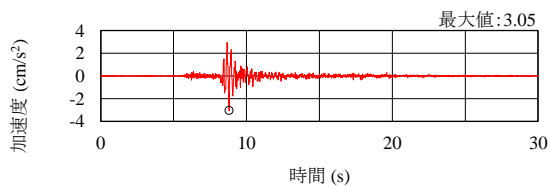
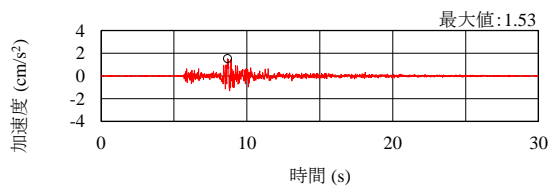
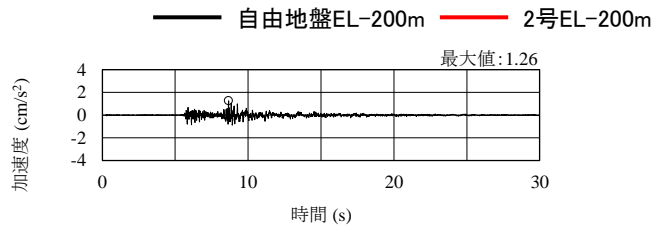
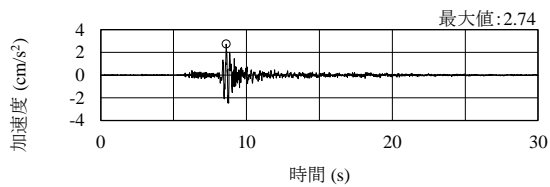
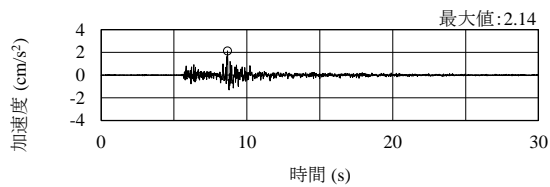


EW方向
擬似速度応答スペクトル



UD方向

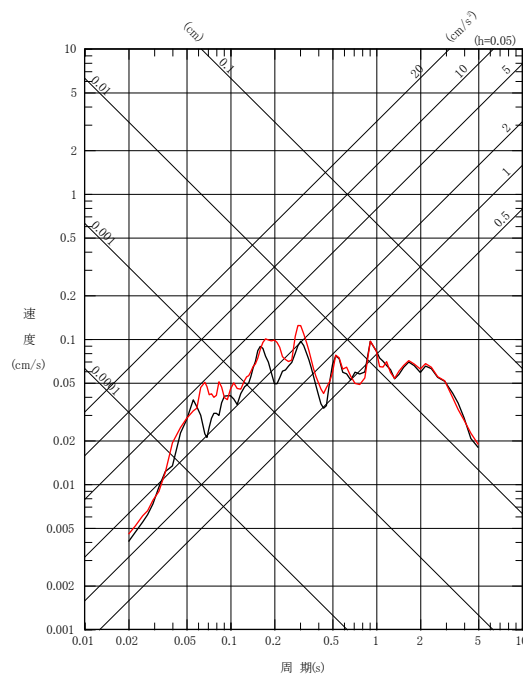
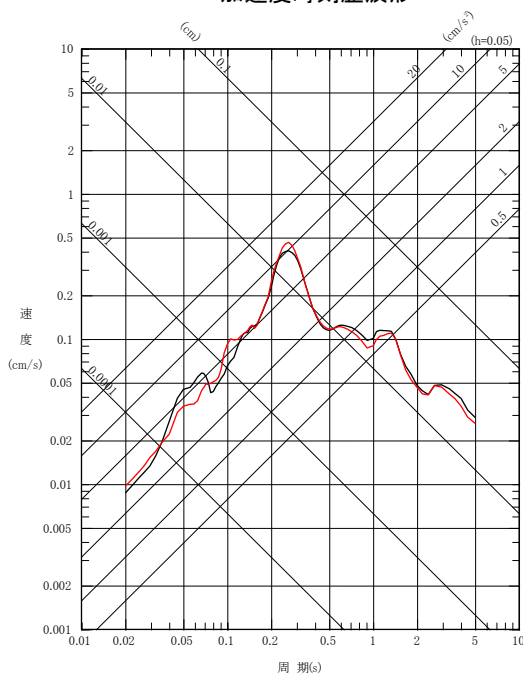
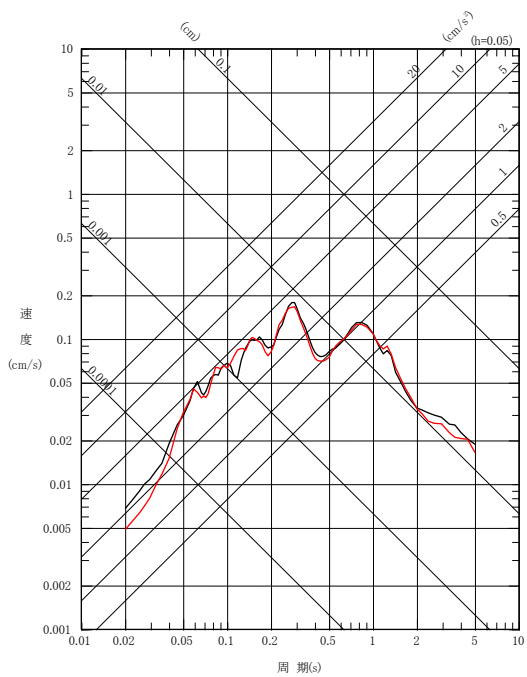
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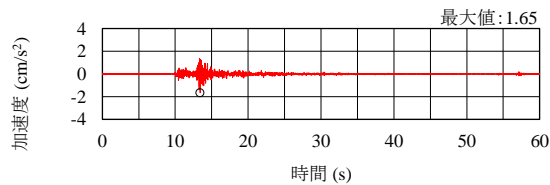
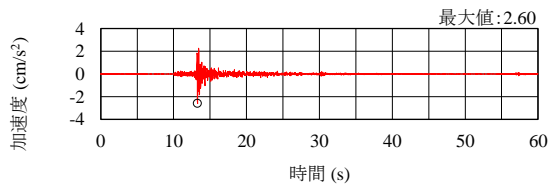
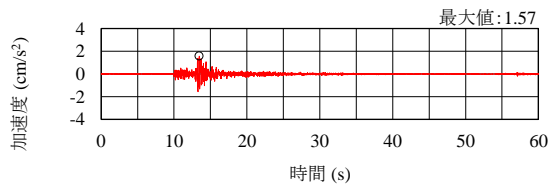
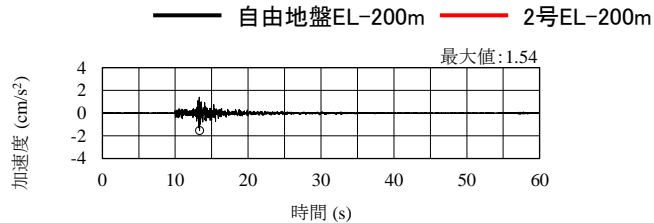
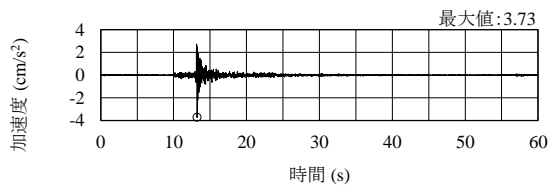
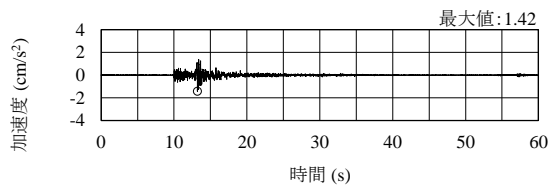
NS方向

EW方向
加速度時刻歴波形

UD方向



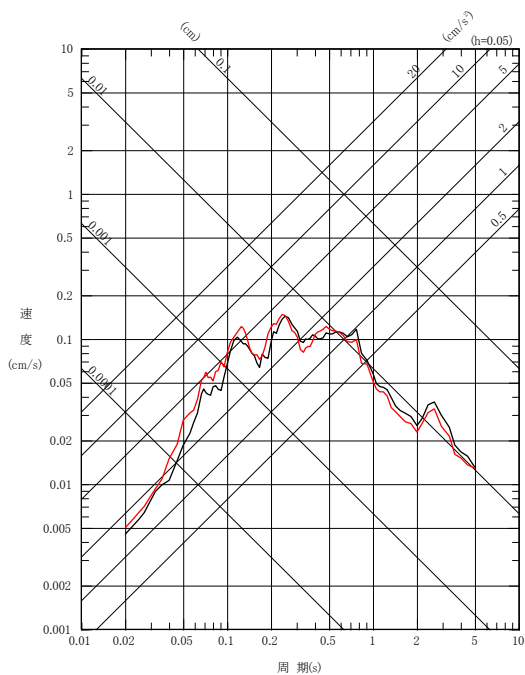
No.4



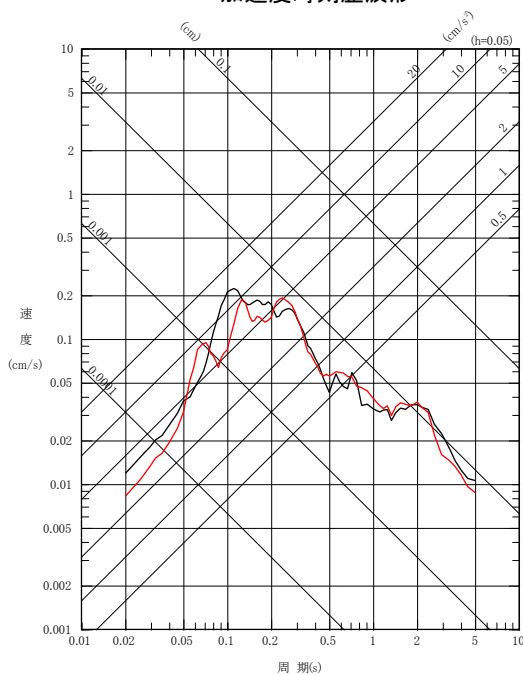
NS方向

EW方向
加速度時刻歴波形

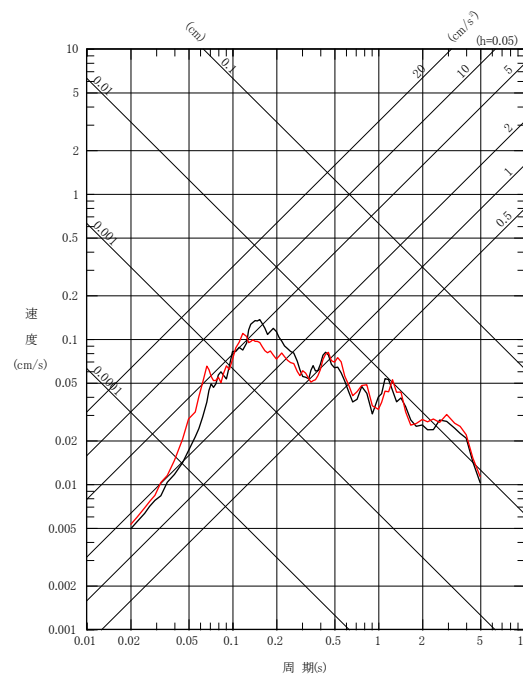
UD方向



NS方向

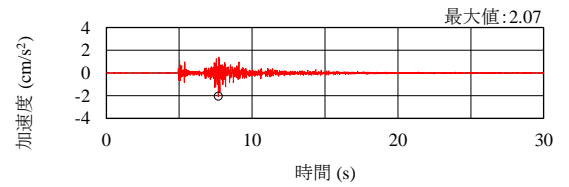
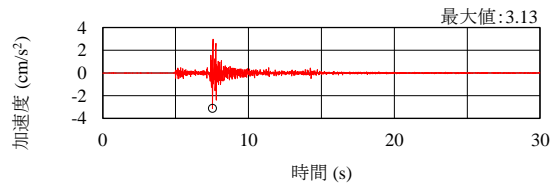
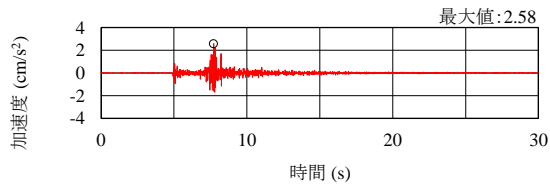
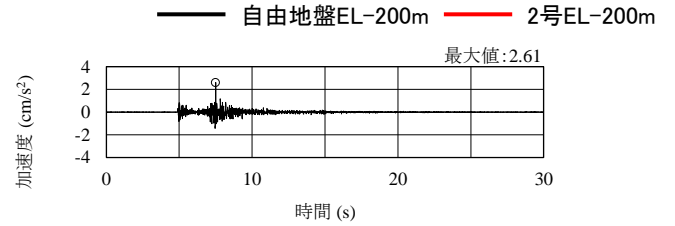
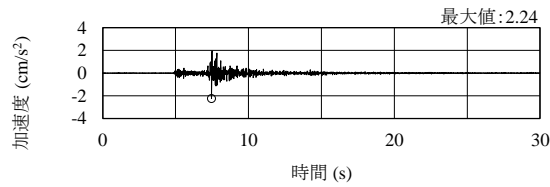
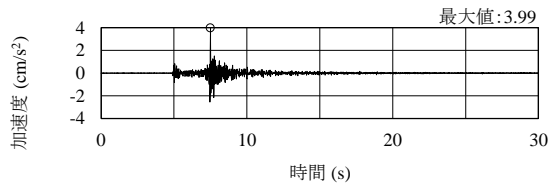


EW方向
擬似速度応答スペクトル



UD方向

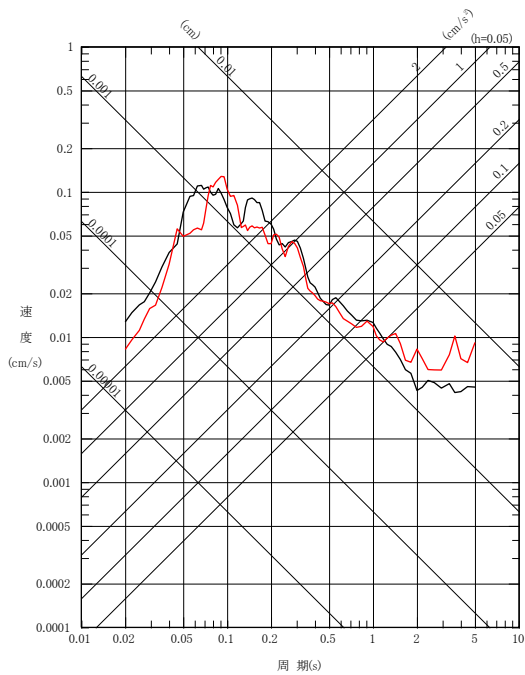
No.5



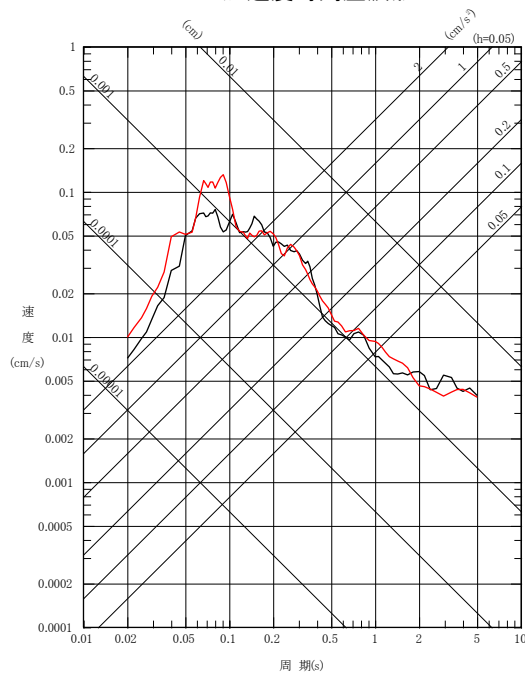
NS方向

EW方向
加速度時刻歴波形

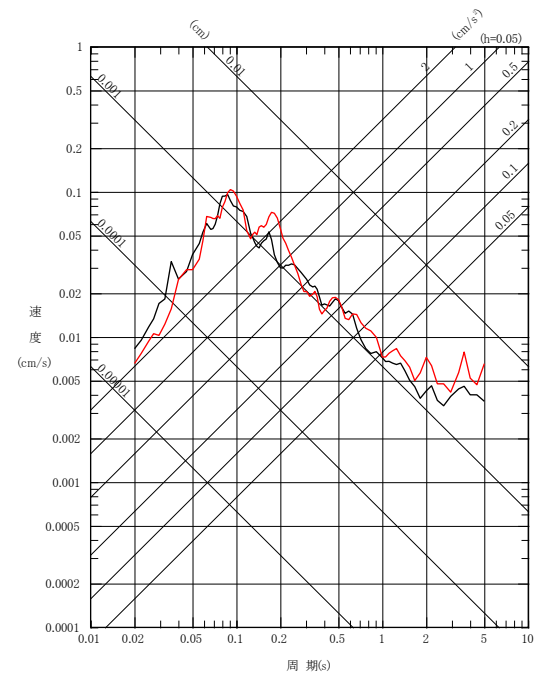
UD方向



NS方向

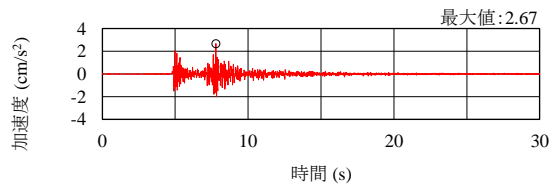
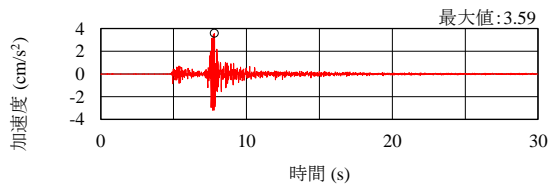
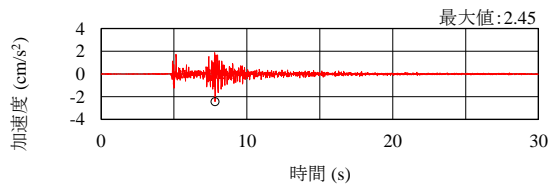
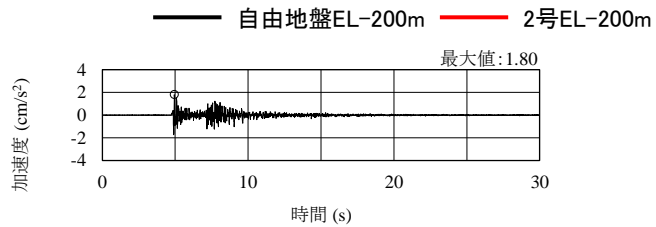
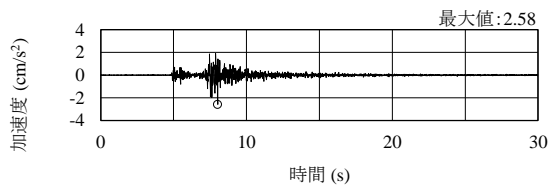
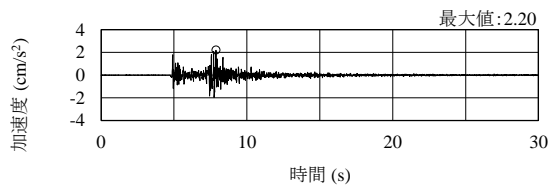


EW方向
擬似速度応答スペクトル



UD方向

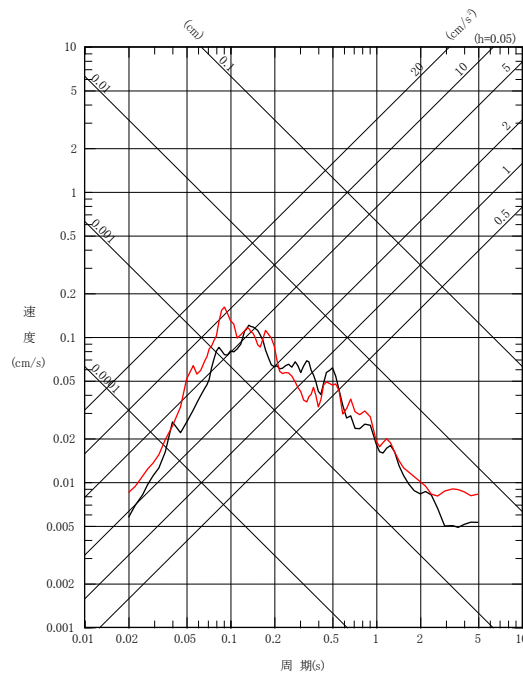
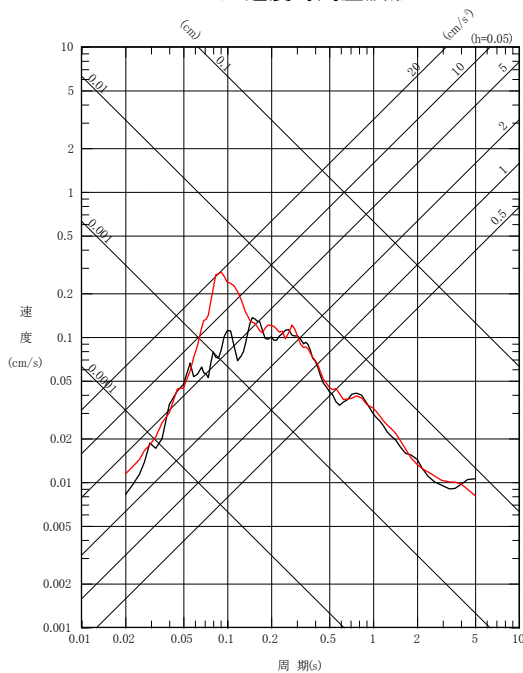
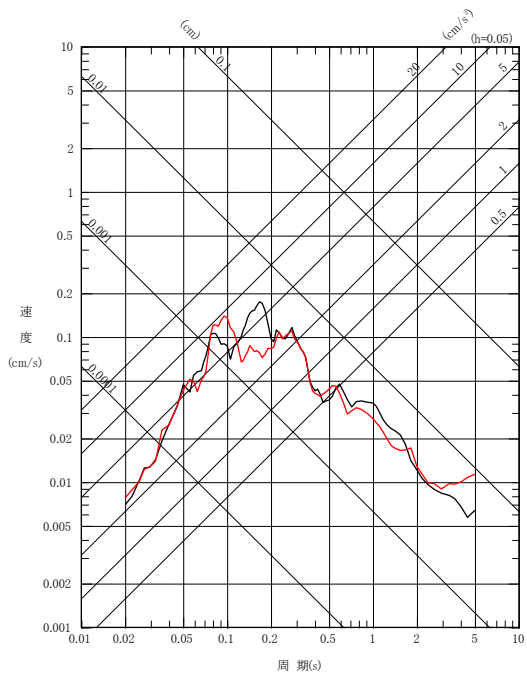
No.6



NS方向

EW方向
加速度時刻歴波形

UD方向

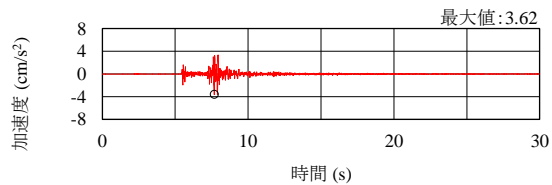
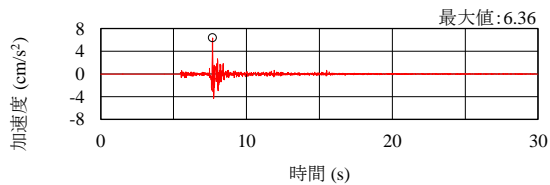
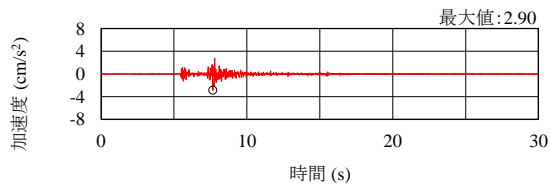
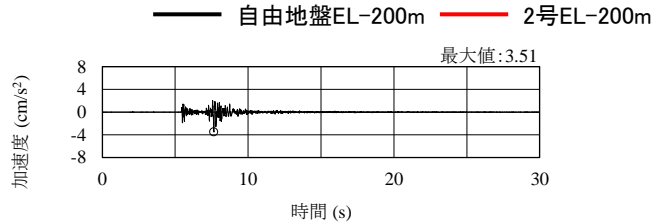
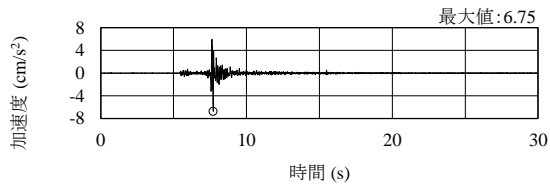
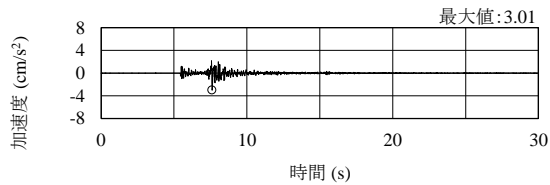


NS方向

EW方向
擬似速度応答スペクトル

UD方向

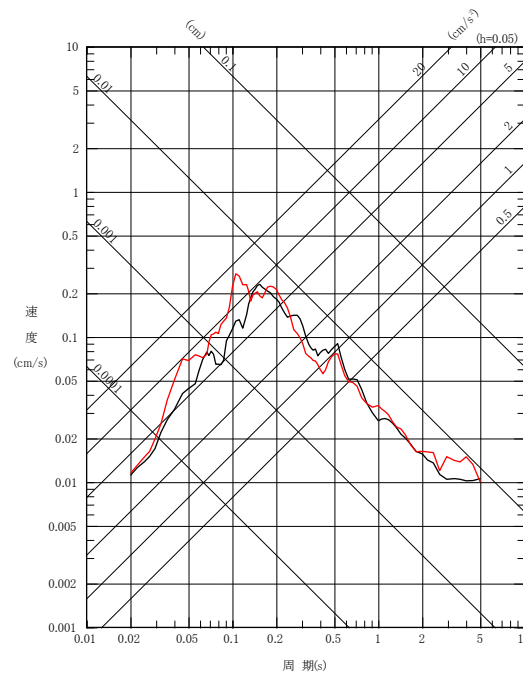
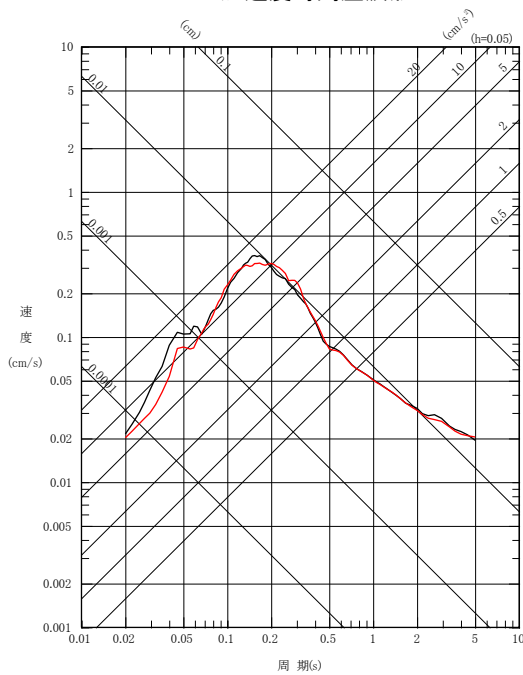
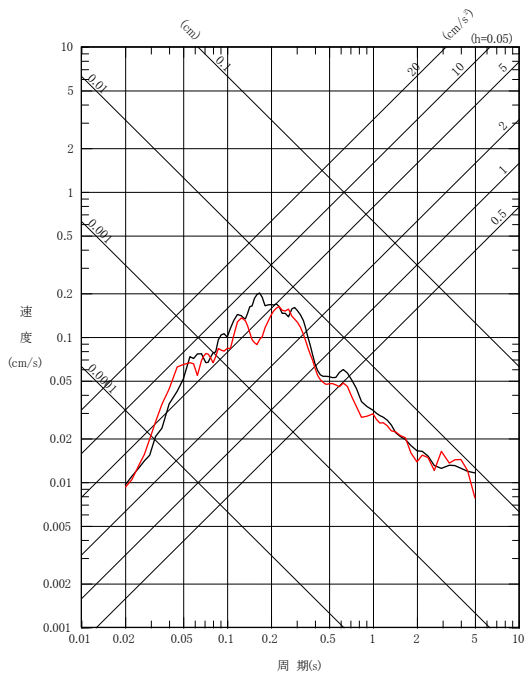
No.7



NS方向

EW方向
加速度時刻歴波形

UD方向

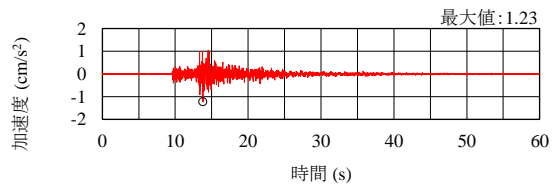
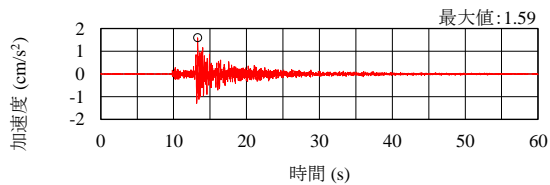
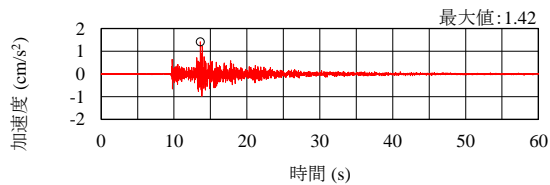
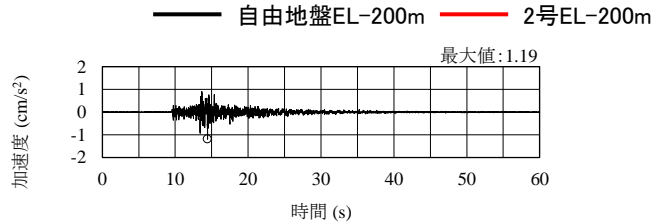
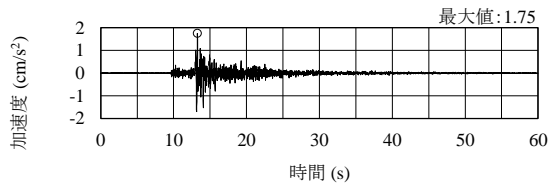
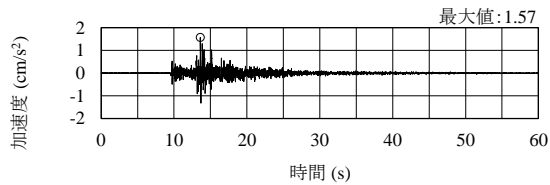


NS方向

EW方向
擬似速度応答スペクトル

UD方向

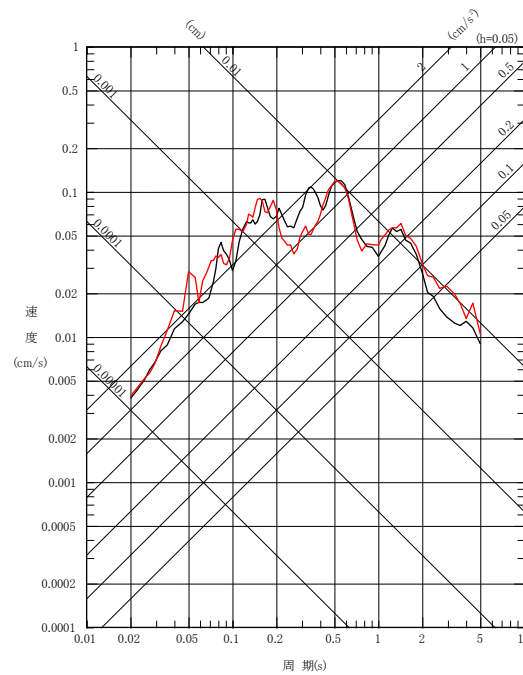
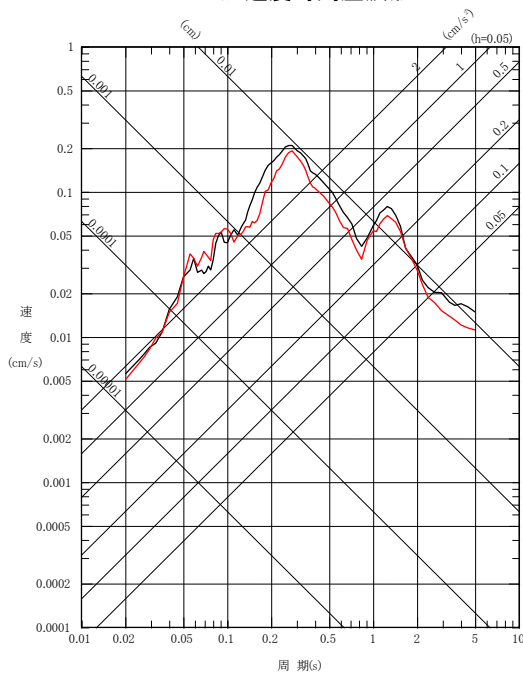
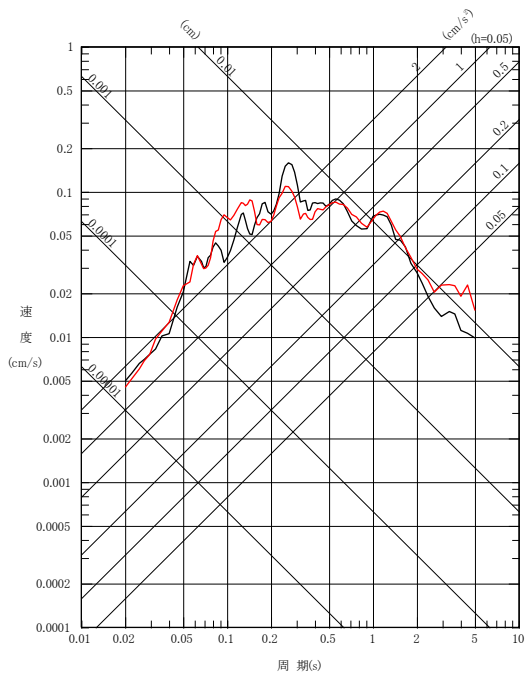
No.8



NS方向

EW方向
加加速度時刻歴波形

UD方向

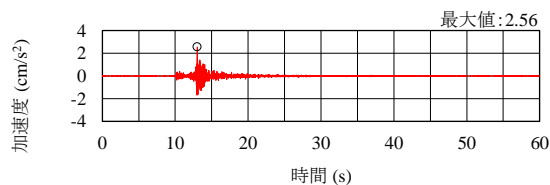
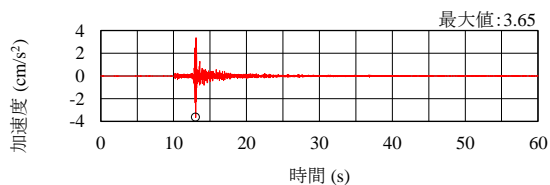
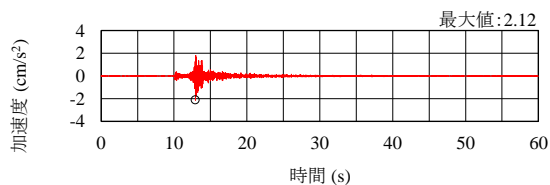
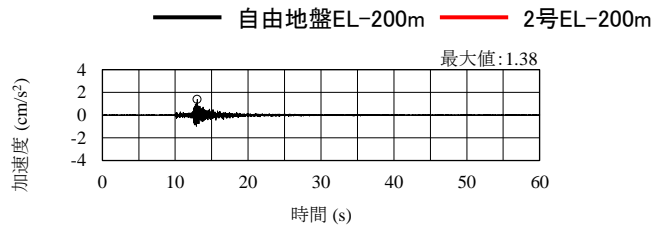
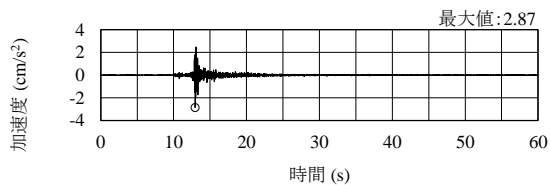
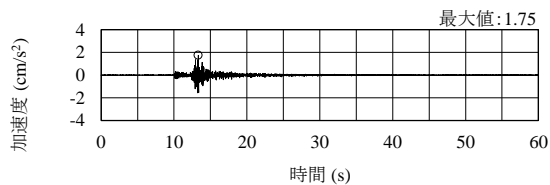


NS方向

EW方向
擬似速度応答スペクトル

UD方向

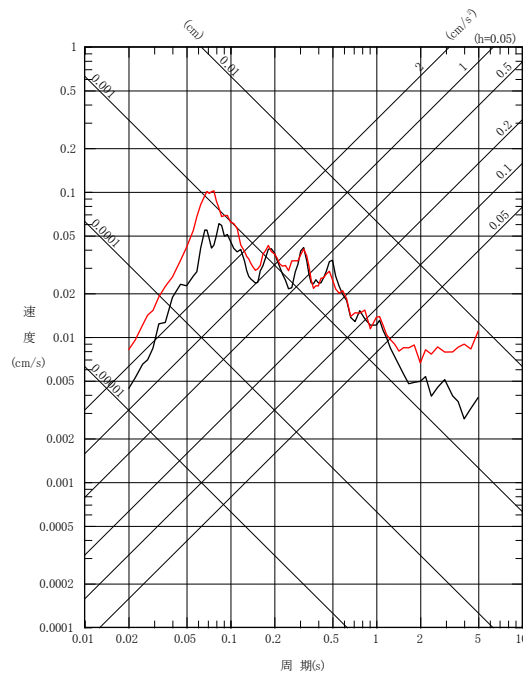
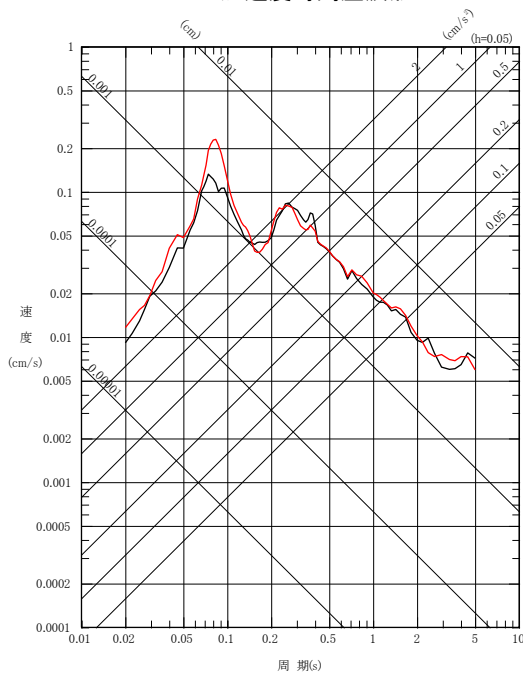
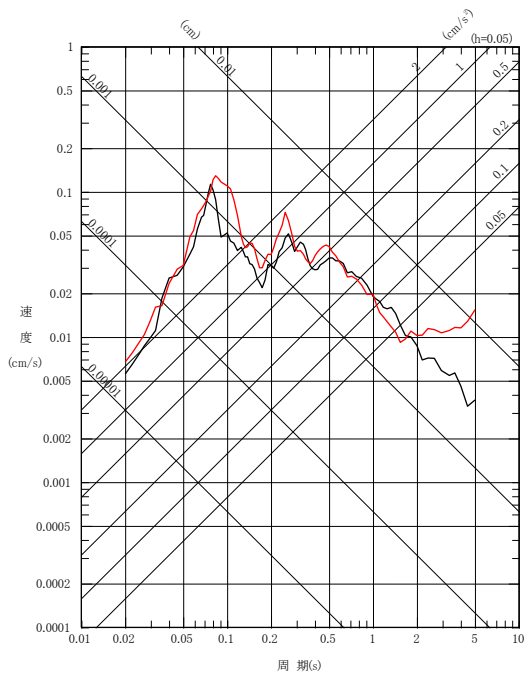
No.9



NS方向

EW方向
加速度時刻歴波形

UD方向

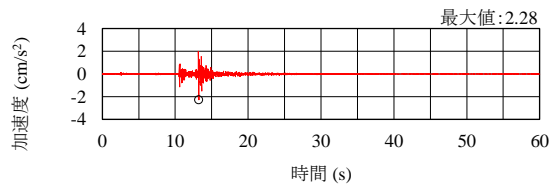
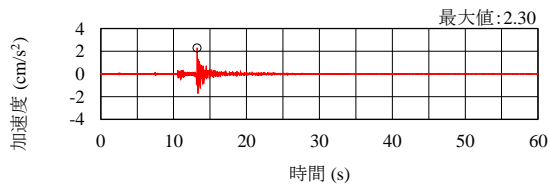
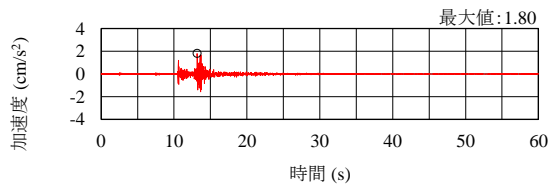
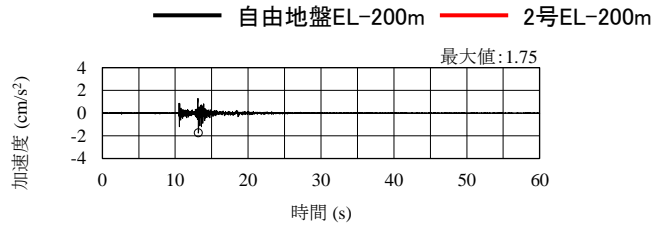
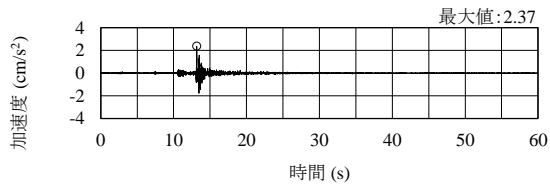
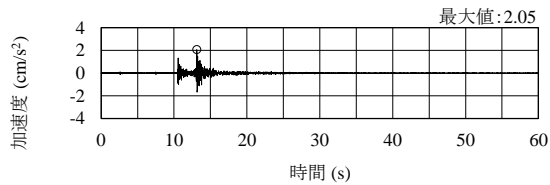


NS方向

EW方向
擬似速度応答スペクトル

UD方向

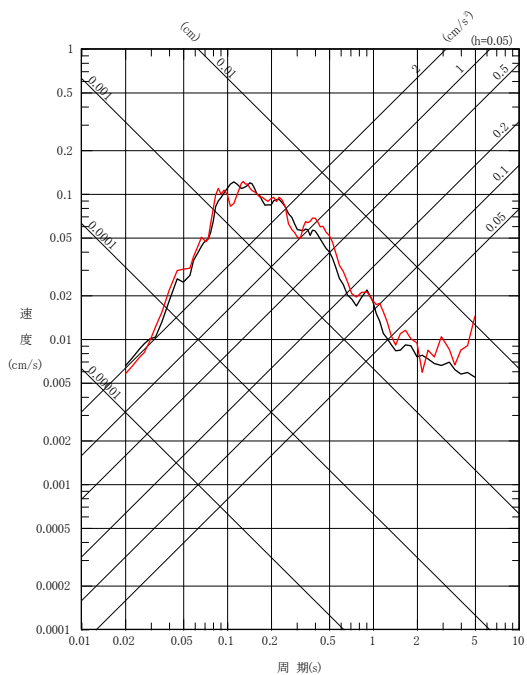
No.10



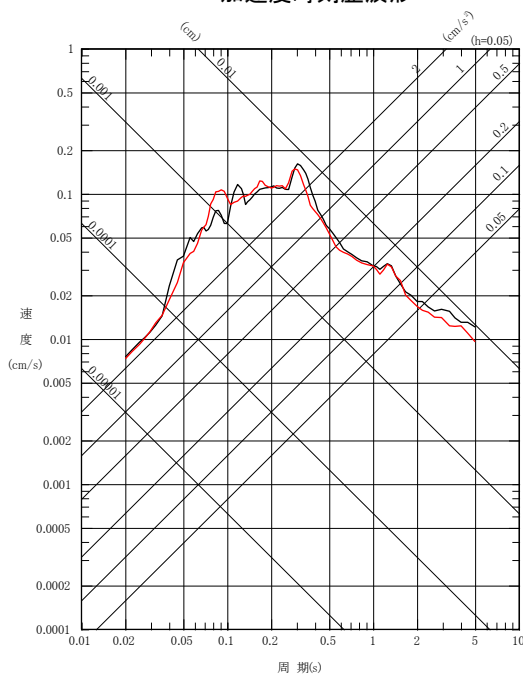
NS方向

EW方向
加加速度時刻歴波形

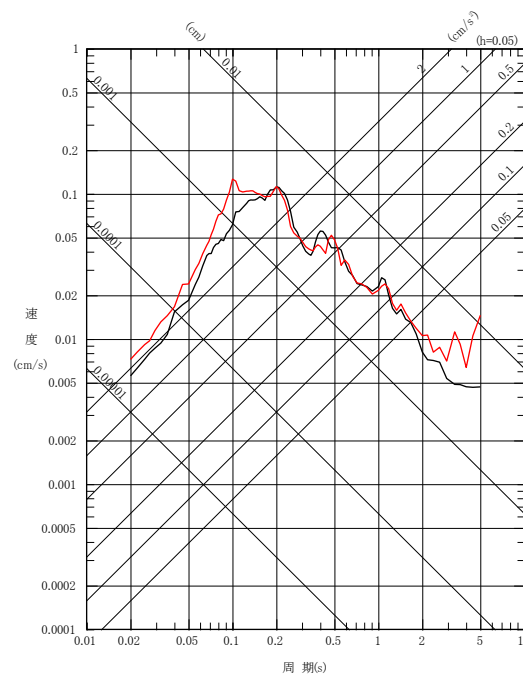
UD方向



NS方向

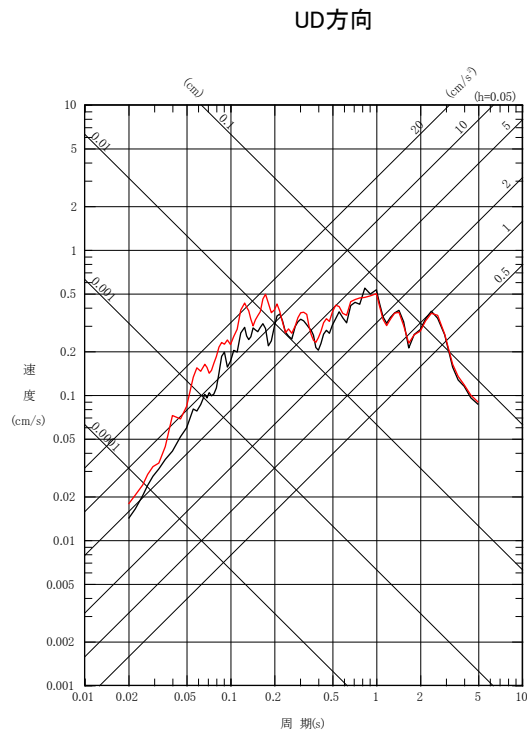
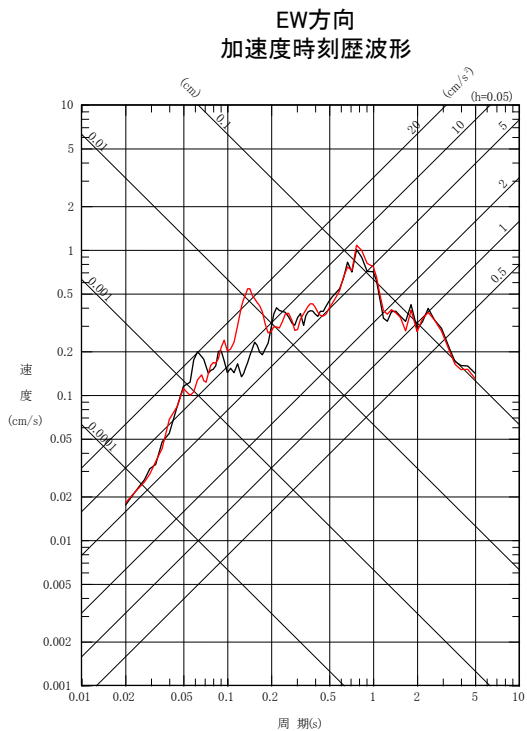
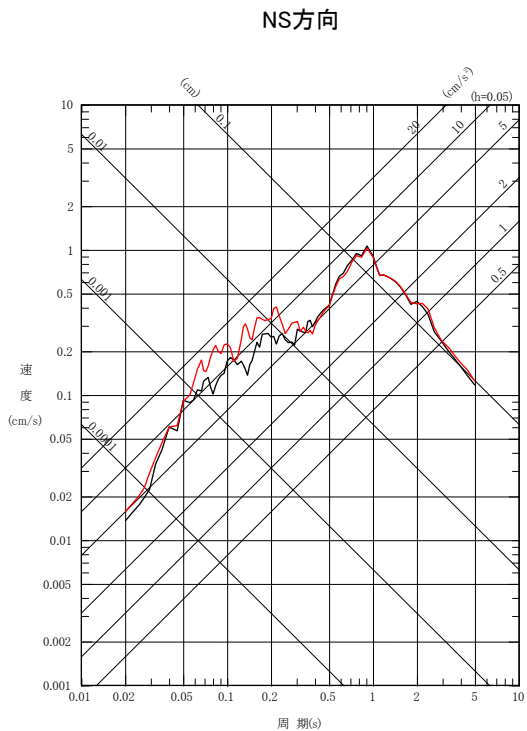
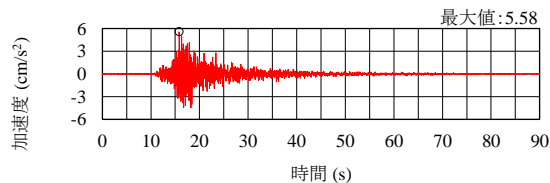
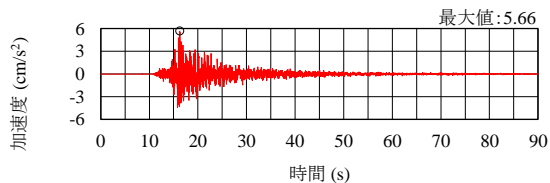
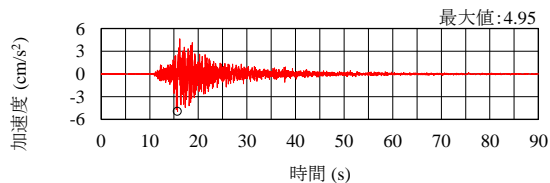
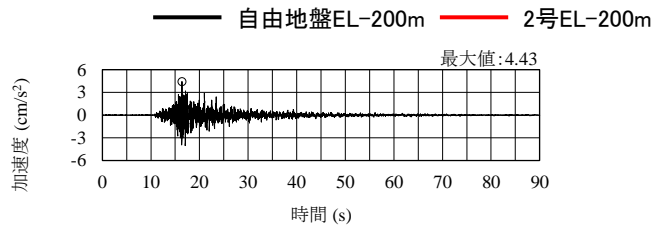
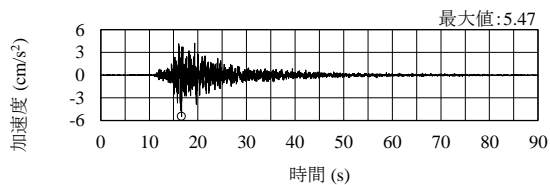
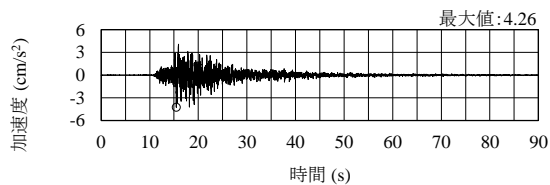


EW方向
擬似速度応答スペクトル



UD方向

No.11

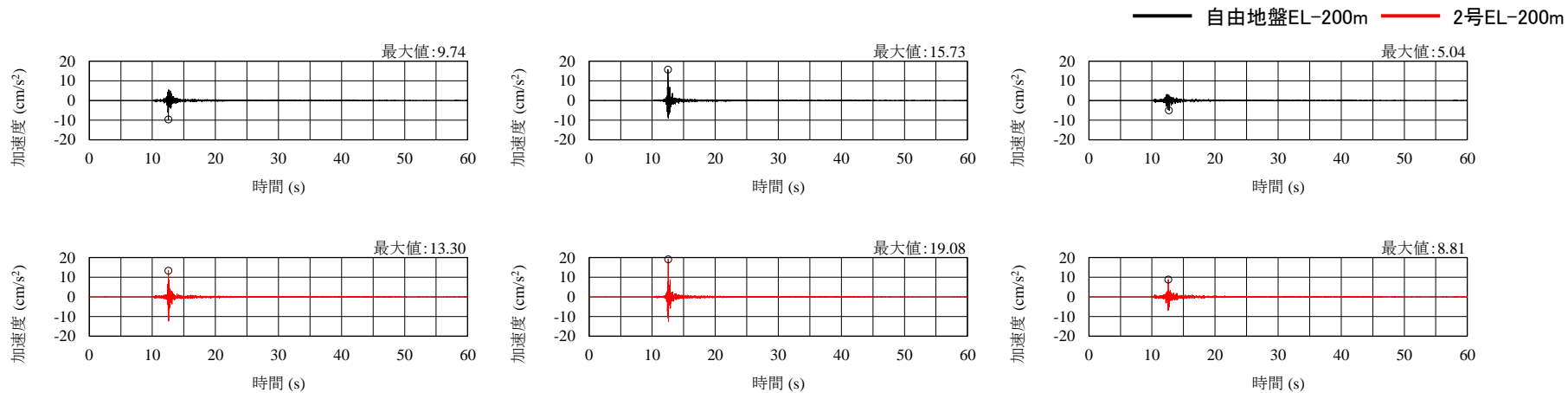


NS方向

EW方向
擬似速度応答スペクトル

UD方向

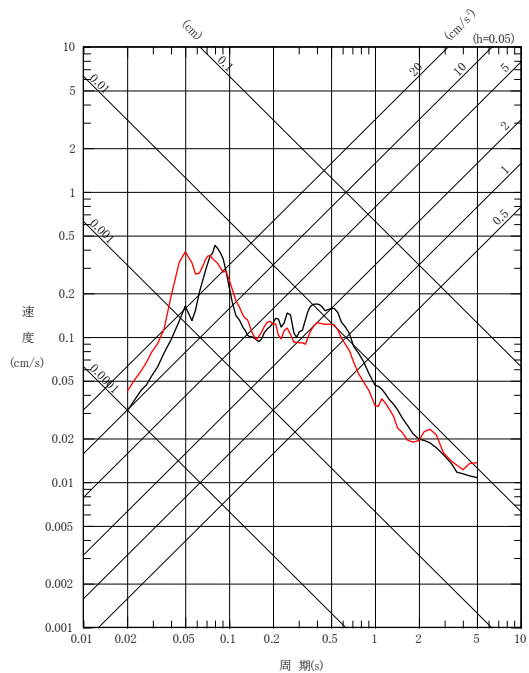
No.12



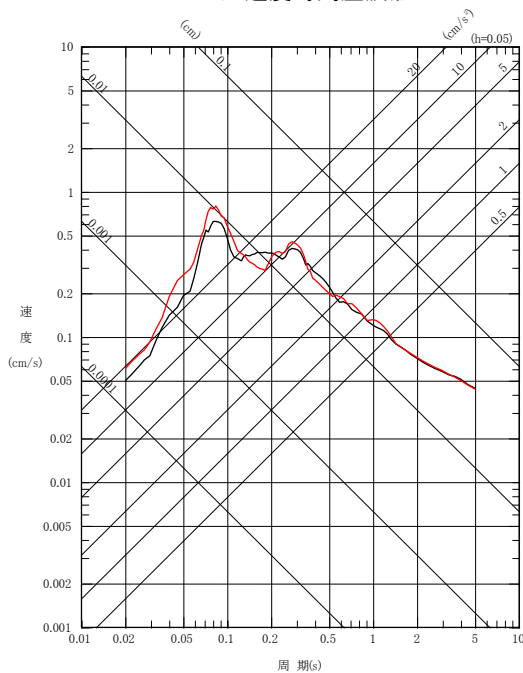
NS方向

EW方向
加速度時刻歴波形

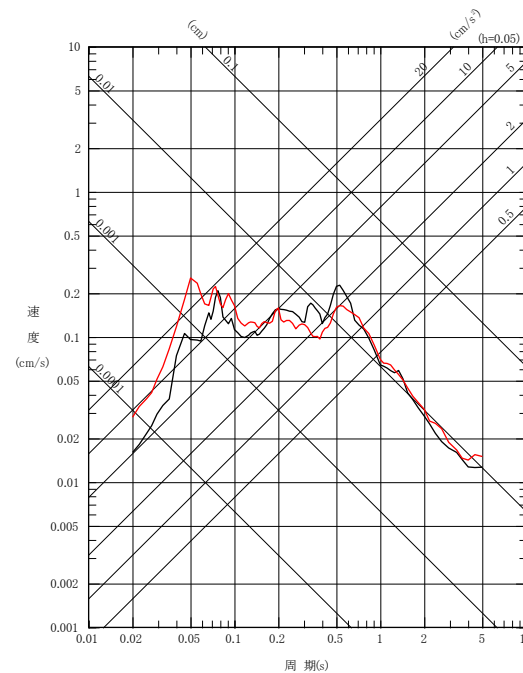
UD方向



NS方向



EW方向
擬似速度応答スペクトル



UD方向