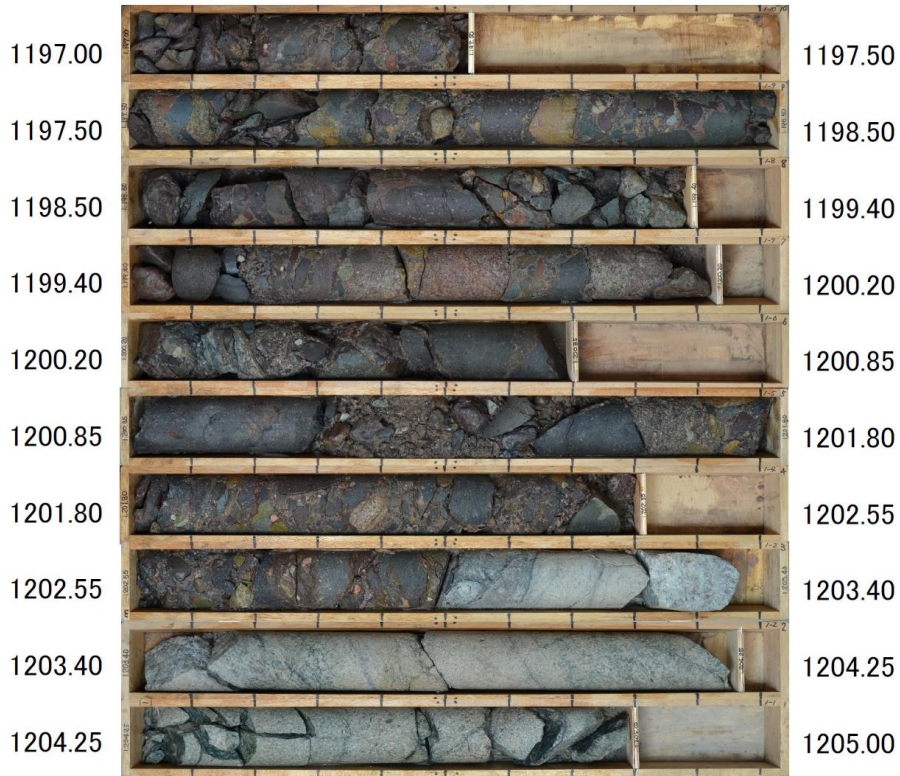


コア写真(D-8.6孔)(1/4)

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)



柱状図(D-8.6孔)(1/4)

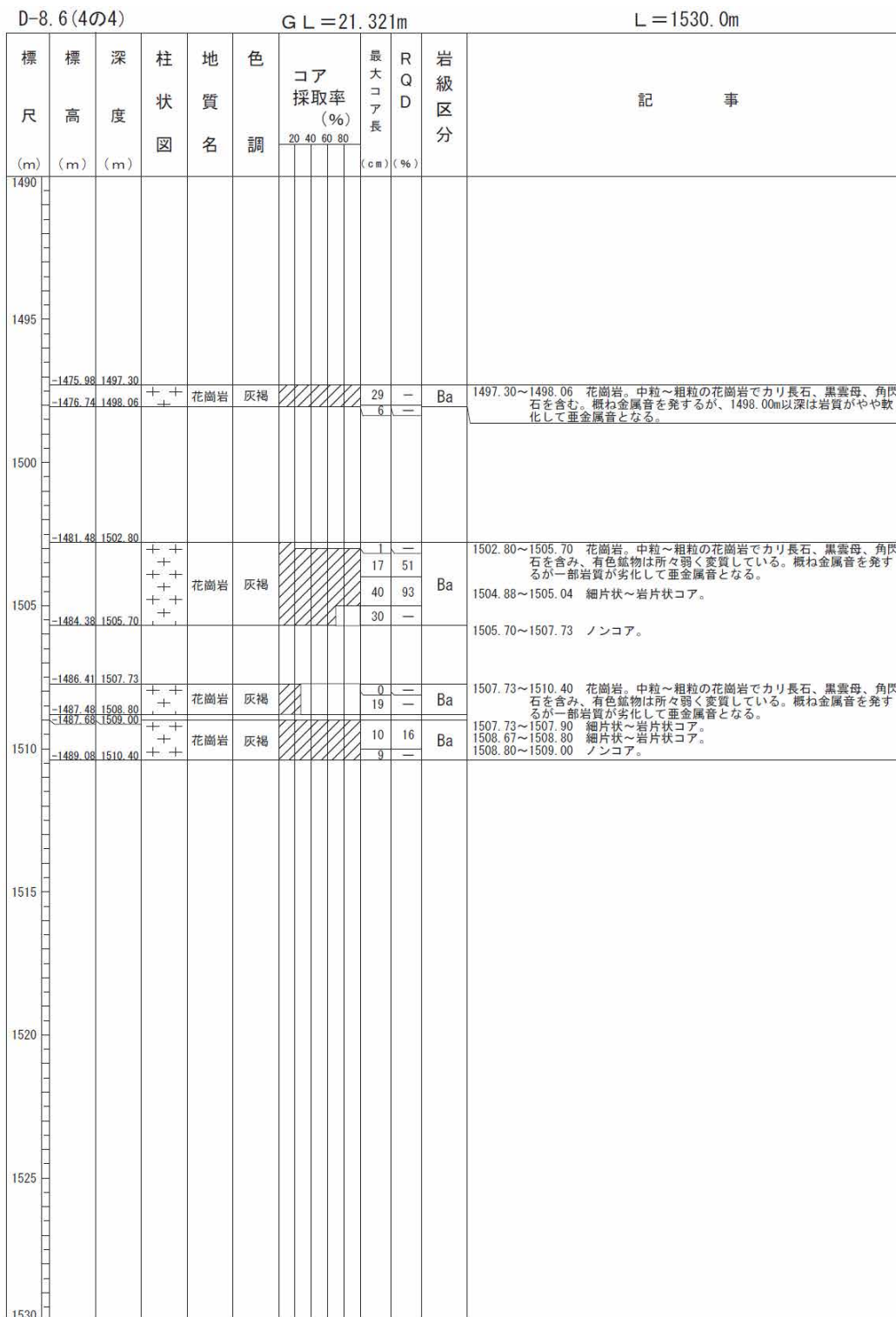


柱状図(D-8.6孔)(2/4)

D-8.6(4の2)			G L = 21.321m				L = 1530.0m						
標尺 (m)	標高 (m)	深度 (m)	柱状 図	地 質 名	色 調	コア 採取率 (%)				最大 コア 長 (cm)	R Q D (%)	岩 級 区 分	記 事
						20	40	60	80				
		-1275.68	+							24	80	Ba	1297.00~1302.10 花崗岩。中粒~粗粒の花崗岩でカリ長石、黒雲母、角閃石等を含み、上部と下部の有色鉱物は変質しているものが多い。 概ね金属音を発するが、上部や下部の所々に破砕質で重金属音~濁音を発する部分を含む。 1297.29~1297.39 傾斜角40~55°の厚さ7.6~8.4cmの破砕部。厚さ7.6~8.4cmの固結した破砕部からなる。 1300.62~1300.67 ノンコア 1301.28~1301.39 傾斜角20°の厚さ7.5~12cmの破砕部。厚さ7.5~12cmの固結した破砕部からなる。 1301.39~1301.43 傾斜角10~20°の流動構造あり。 1301.81~1301.83 傾斜角25~50°の厚さ0.1~3.9cmの破砕部。厚さ0.1~3.9cmの固結した破砕部からなる。 1301.92~1302.10 薄片状~岩片状コア。
		1297.00	+		暗緑灰					16	20 [*]		
			+		灰白					17	17		
			+	花崗岩	褐灰					11	11		
			+		暗緑灰 ↓ 緑灰					15	26		
		-1280.78	+							0	—		
		1302.10											

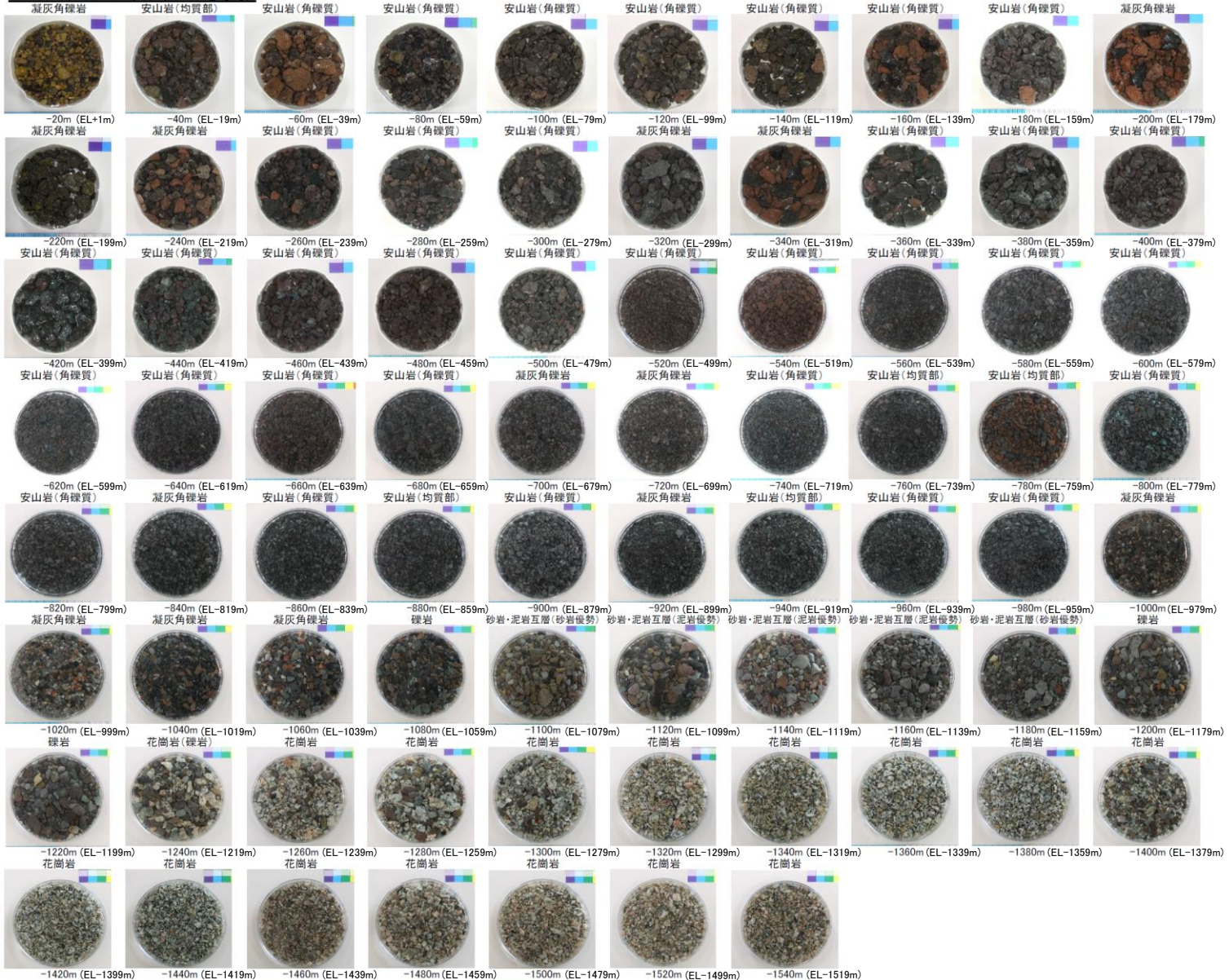
※: 深度1m区間にある長さ10cm以上のコアの総長。深度境界に長さ10cm以上のコアがある場合、そのコア長はそれぞれの深度区間に振り分けて計算している。

柱状図(D-8.6孔)(4/4)



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)



1.4 反射法地震探查結果(A測線)

反射法地震探査結果(A測線)(1/3)

- 敷地内には、福浦断層の調査を目的とした反射法地震探査(A測線)が通過しているが、同探査記録では、地震基盤(花崗岩上面)の形状は確認できない。
- 反射法地震探査(A測線)の結果を本頁～P.141に示す。

2.2.1 (5) 福浦断層の反射法地震探査 -②敷地内～福浦断層南部-

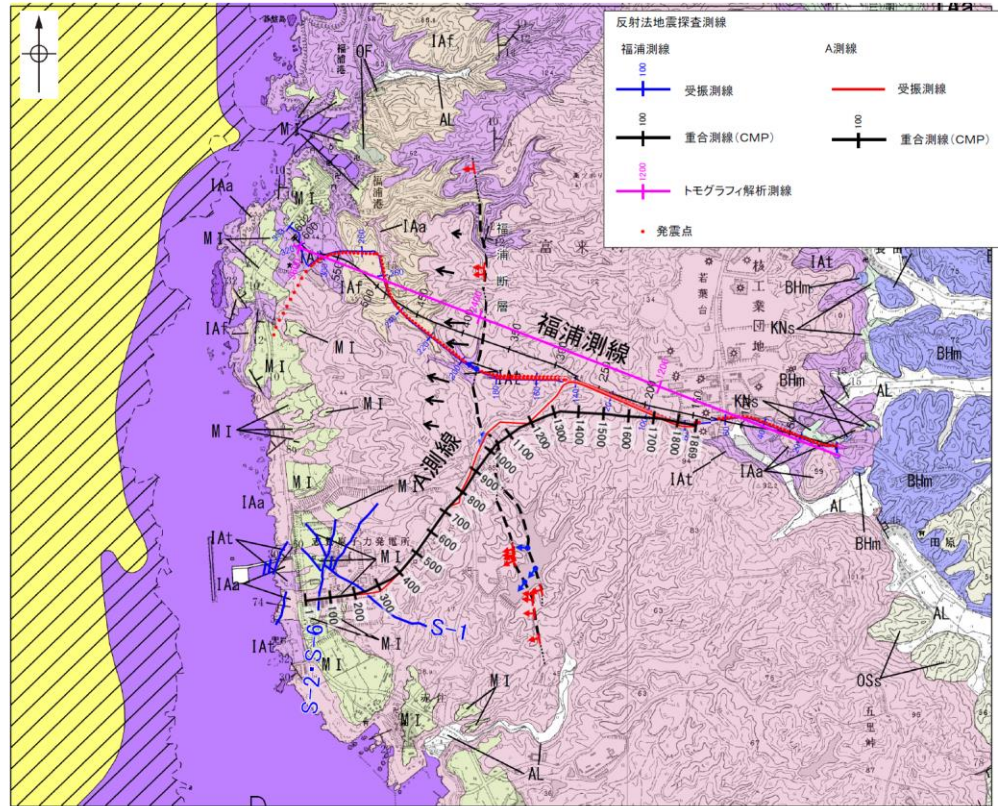
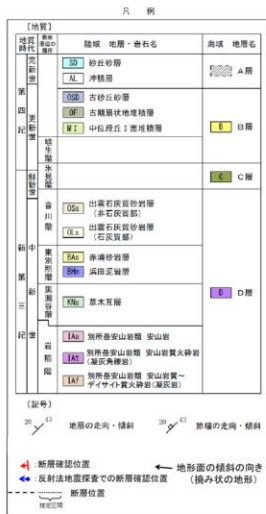
第1168回審査会合 資料1
P.94 再掲

- 福浦断層の地下構造及び福浦断層南部の分布を把握するために、反射法地震探査(A測線)を実施した。A測線では、福浦断層のリニアメント・変動地形の位置において、不明瞭ながら高角で西傾斜する反射面の不連続が認められ、これを福浦断層と判断した。福浦断層は、地下深部約700m付近まで確認することができるが、それ以深への連続性は明確には判断できない。また、福浦断層には、地下浅部にかけて分岐、派生するような構造は認められない(次々頁)。
- 敷地内断層のうちS-1の位置において、不明瞭ながら高角で東傾斜する反射面の不連続が認められ、これをS-1と判断した。S-1は深度約200m以深への連続性は認められず、福浦断層に連続する構造ではないと判断される(次々頁)。
- なお、記録の範囲において、福浦断層及びS-1以外に断層は推定されない。

反射法地震探査 仕様

A測線	
測線長	約3.2km
振源	広帯域ハイプレータ1台(スイープ数5回、スイープ周波数8~200Hz、スイープ長15s)
受振点間隔	3.125m
受振器	上下動速度計(SG-5、固有周波数5Hz、1個組)
受振点間隔	3.125m
記録系	有線型記録システム(Sercel 428) 独立型記録システム(Unite)
サンプリング間隔	0.5ms
記録長	2s
解析CMP間隔	1.5625m

・垂直分解能は、反射波の卓越周波数に基づき、深度200m付近で24m程度、深度700m付近で40m程度

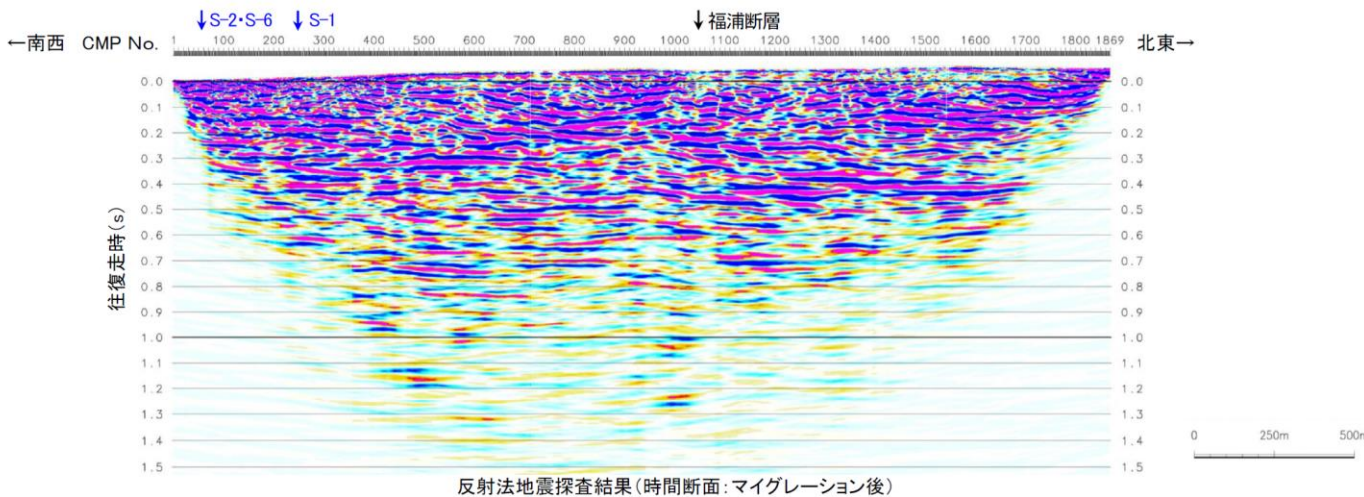
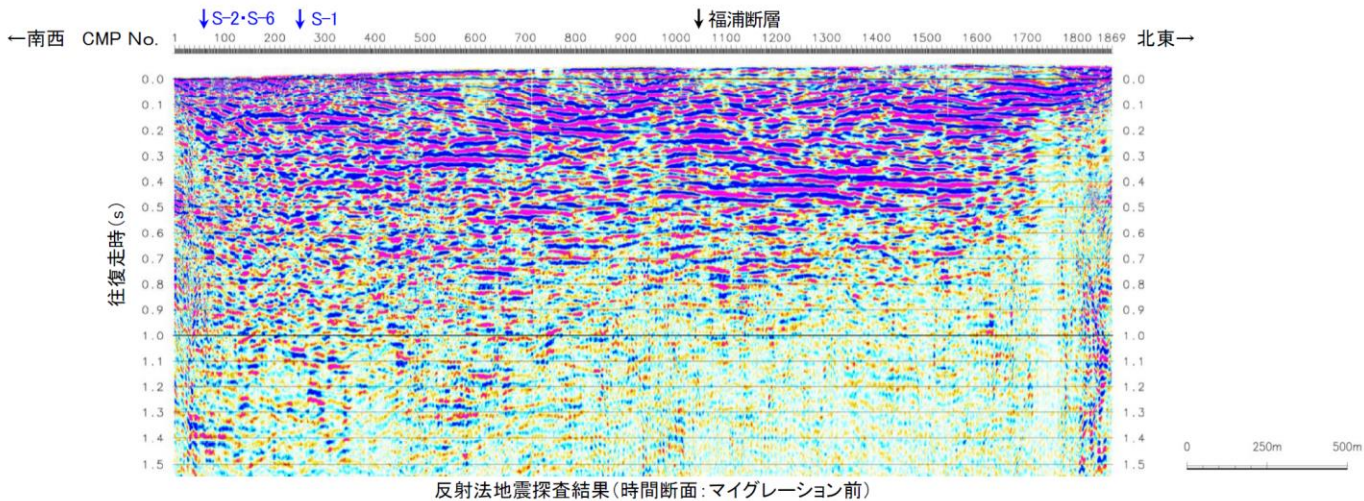


反射法地震探査測線位置図

反射法地震探査結果(A測線)(2/3)

第1168回審査会合 資料1
P.95 再掲

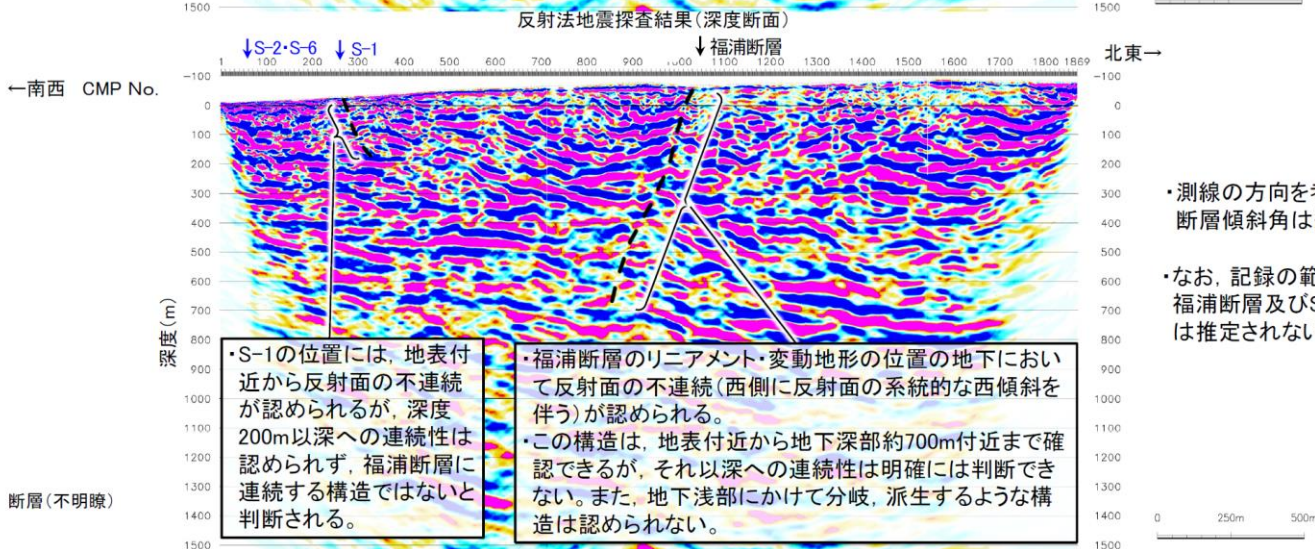
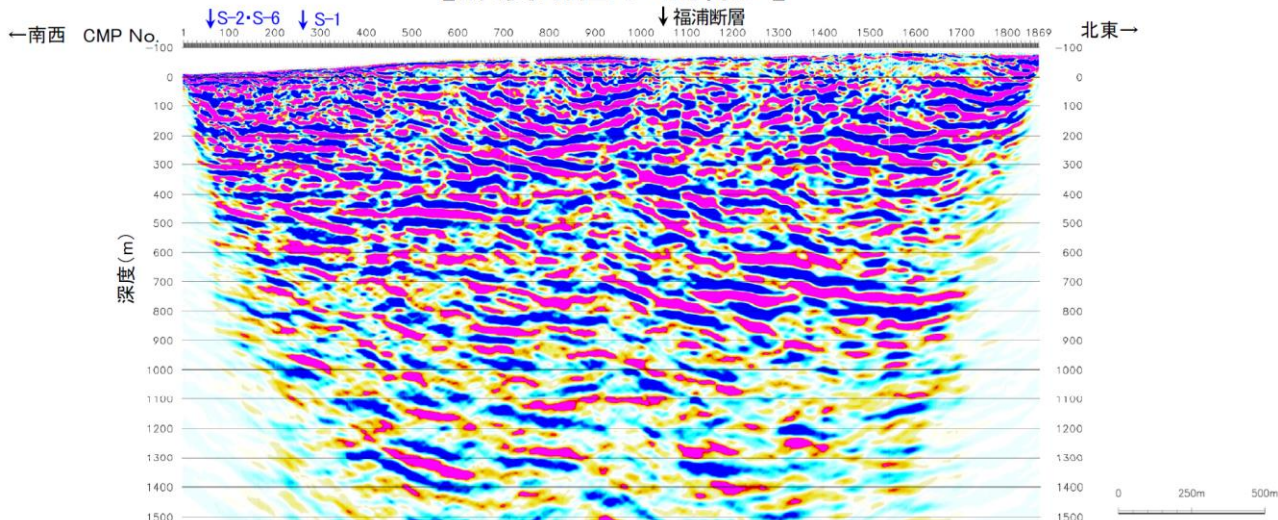
【時間断面(A測線)(マイグレーション前, 後)】



反射法地震探査結果(A測線)(3/3)

第1168回審査会合 資料1
P.96 再掲

【深度断面(A測線)】



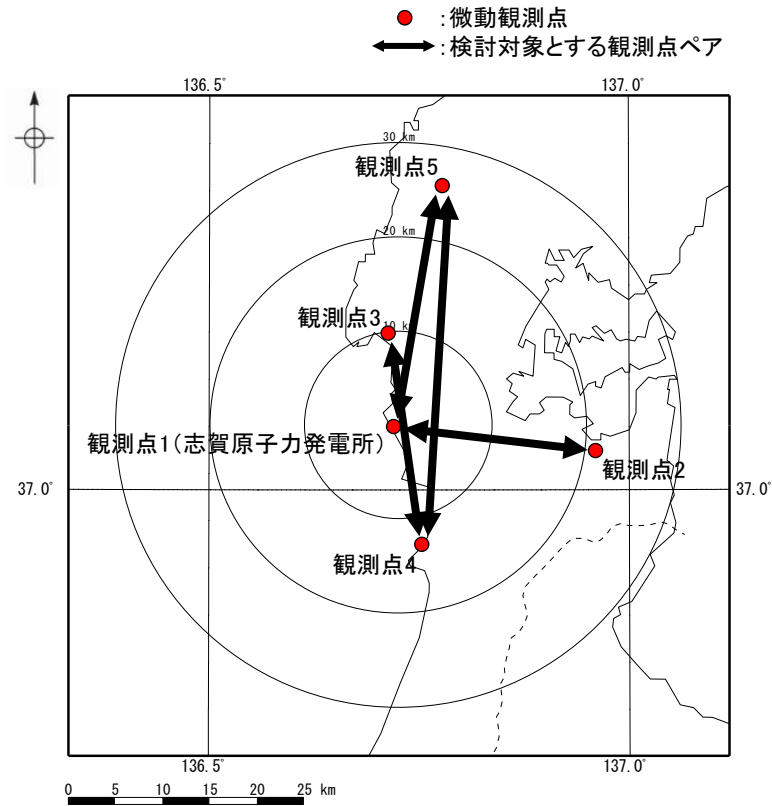
反射法地震探査結果(深度断面、解釈線入り)

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

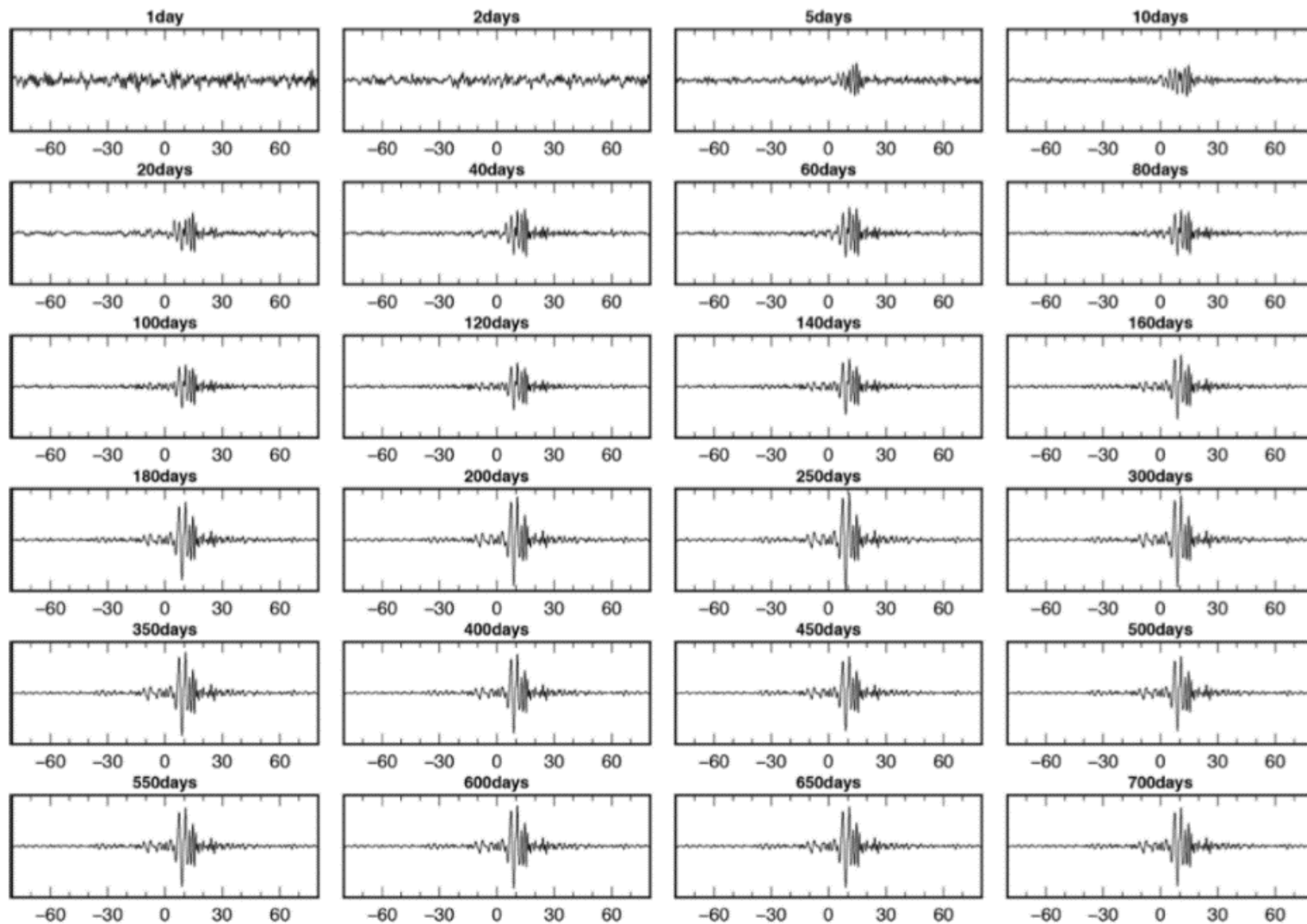
微動観測点配置図



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)

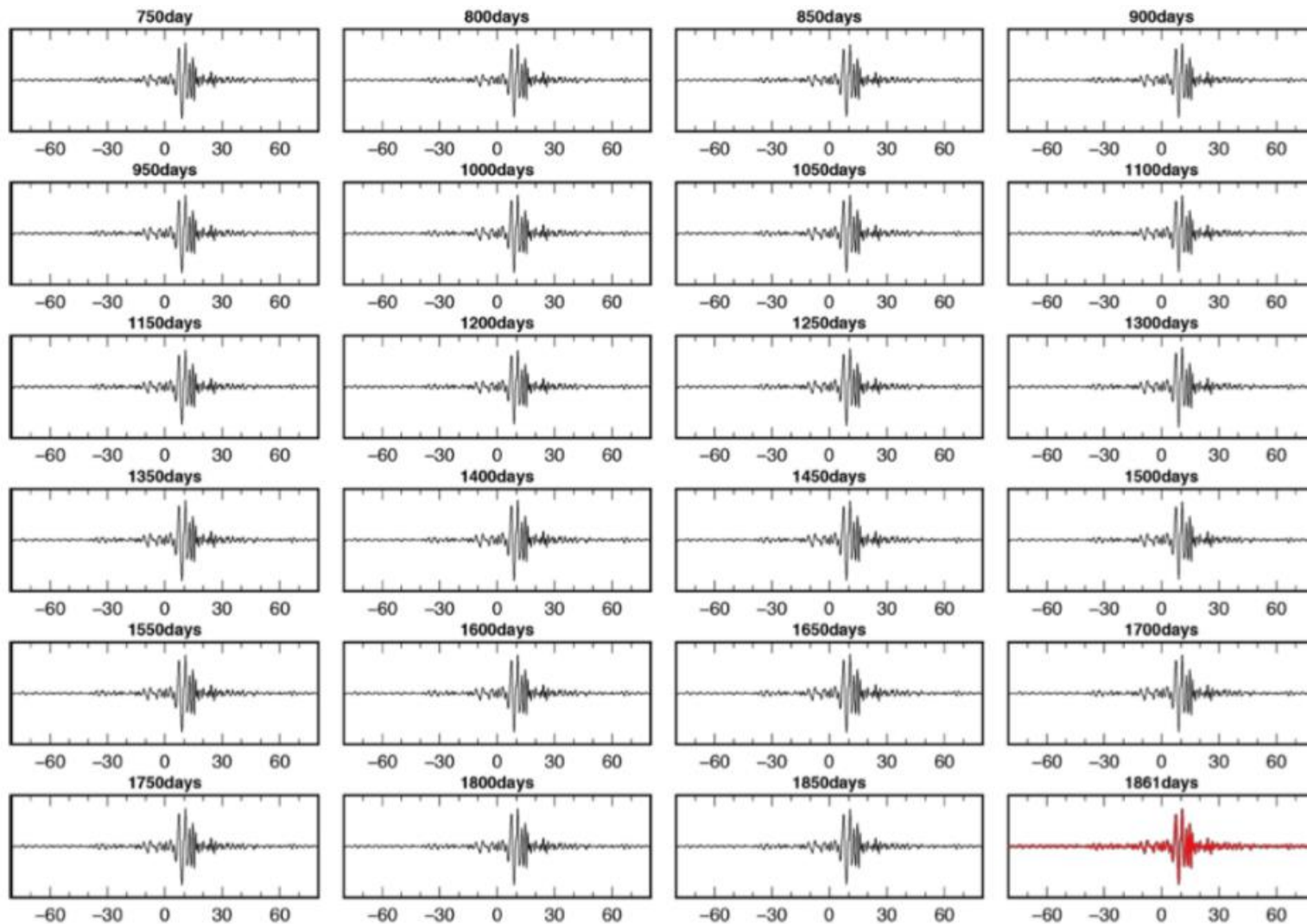
○ スタック日数による相互相関関数(観測点1-観測点2(UD成分))の変化を下図に示す。



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)

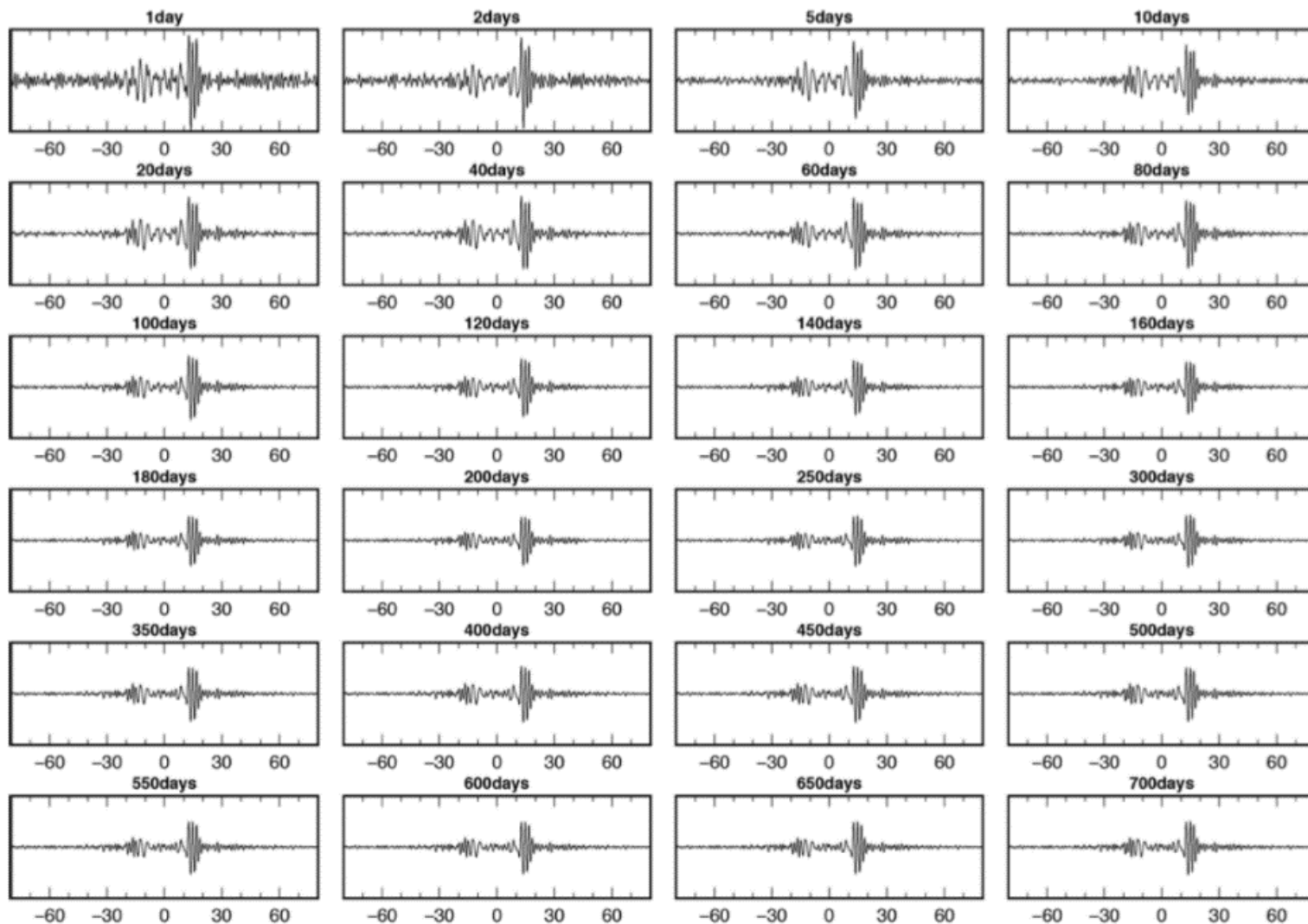


スタック日数による相互相関関数(2/2)

- ※ 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)

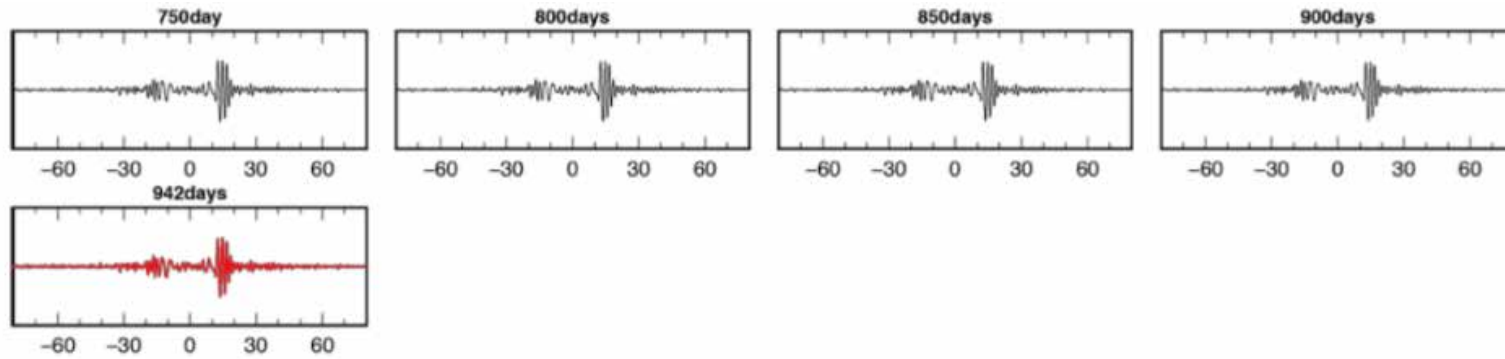
○ スタック日数による相互相関関数(観測点1-観測点5(UD成分))の変化を下図に示す。



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)

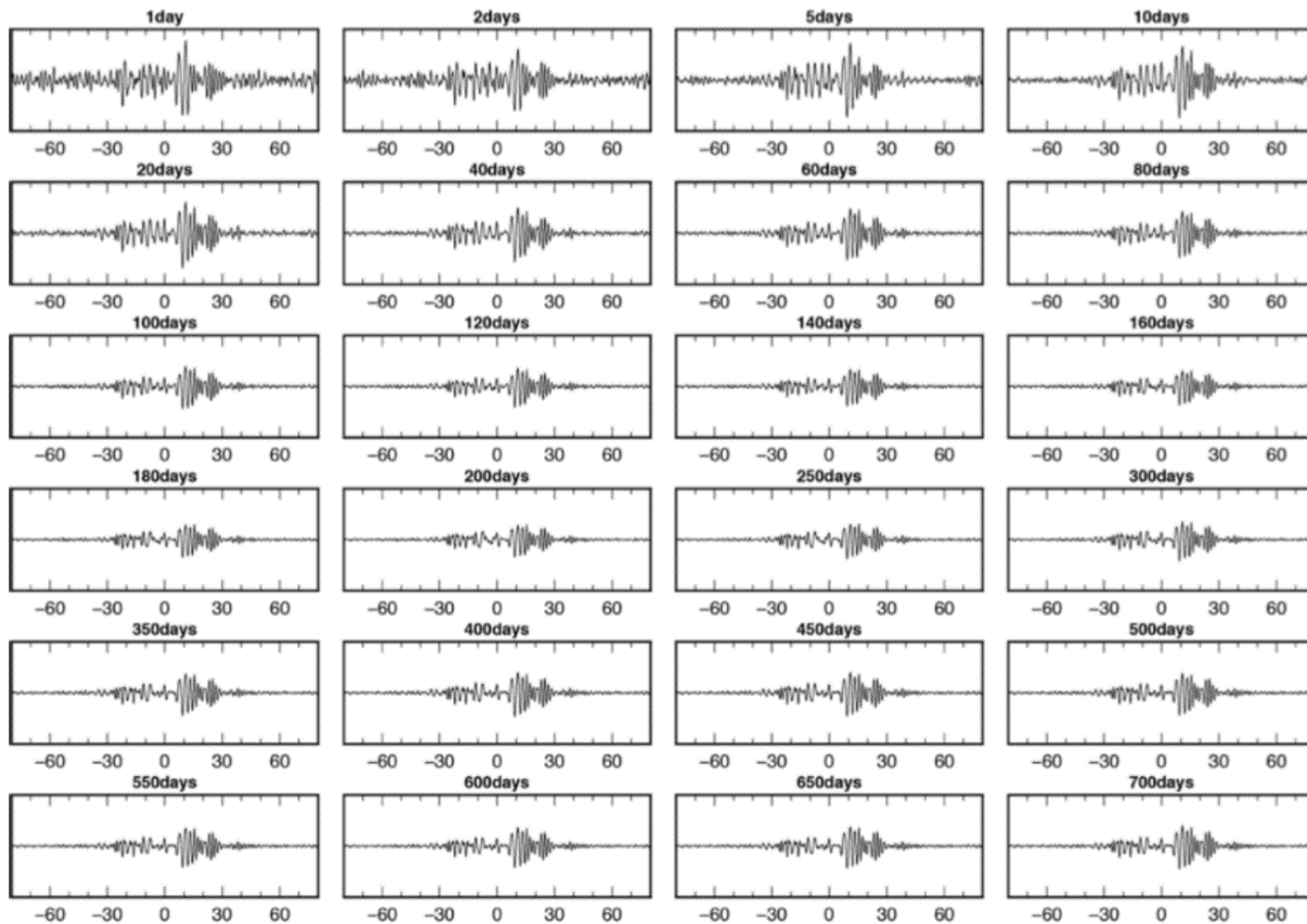


スタック日数による相互相関関数(2/2)

- ※ 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)

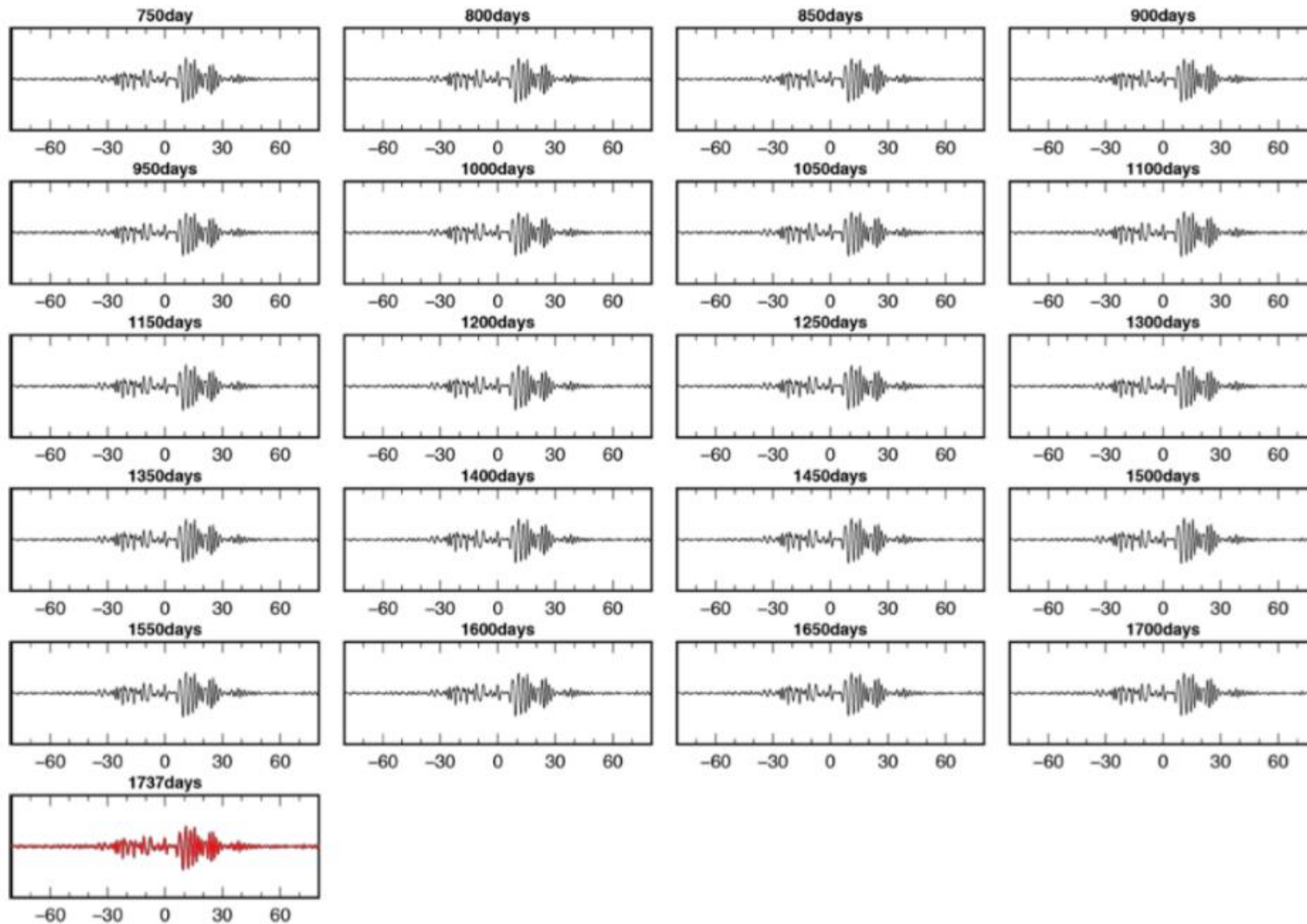
○ スタック日数による相互相関関数(観測点3-観測点4(UD成分))の変化を下図に示す。



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)

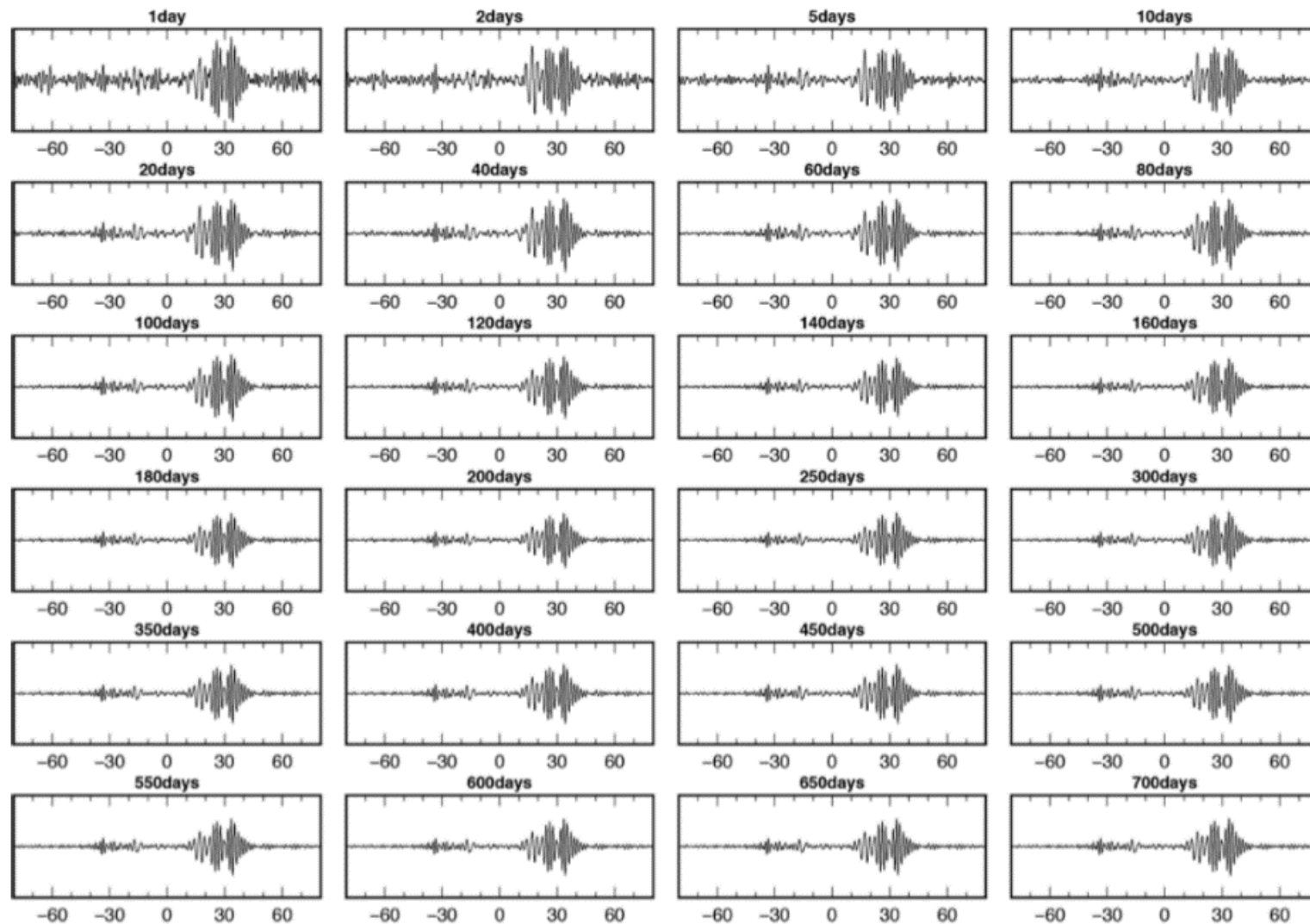


スタック日数による相互相関関数(2/2)

※ 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)

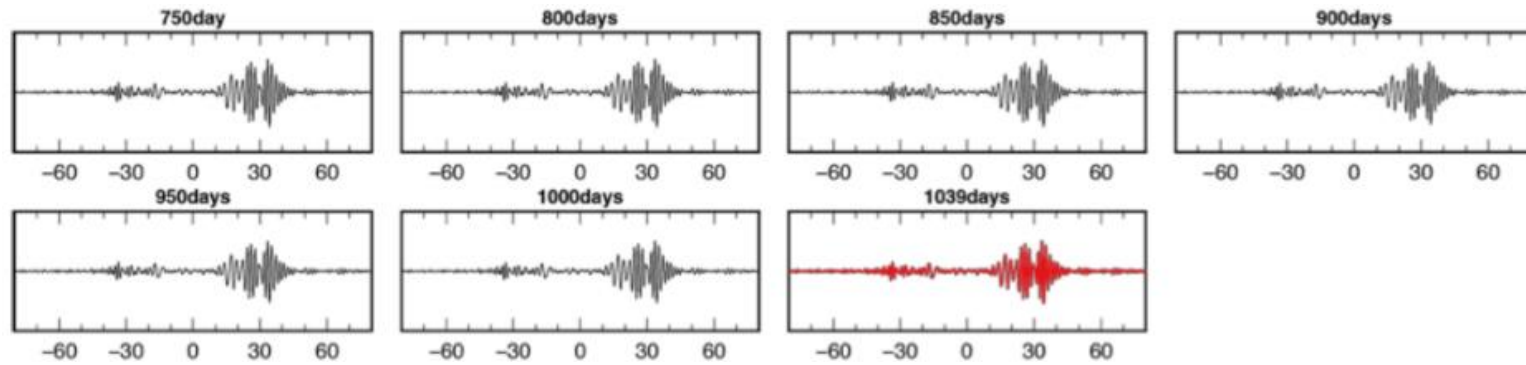
○ スタック日数による相互相関関数(観測点4-観測点5(UD成分))の変化を下図に示す。



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)

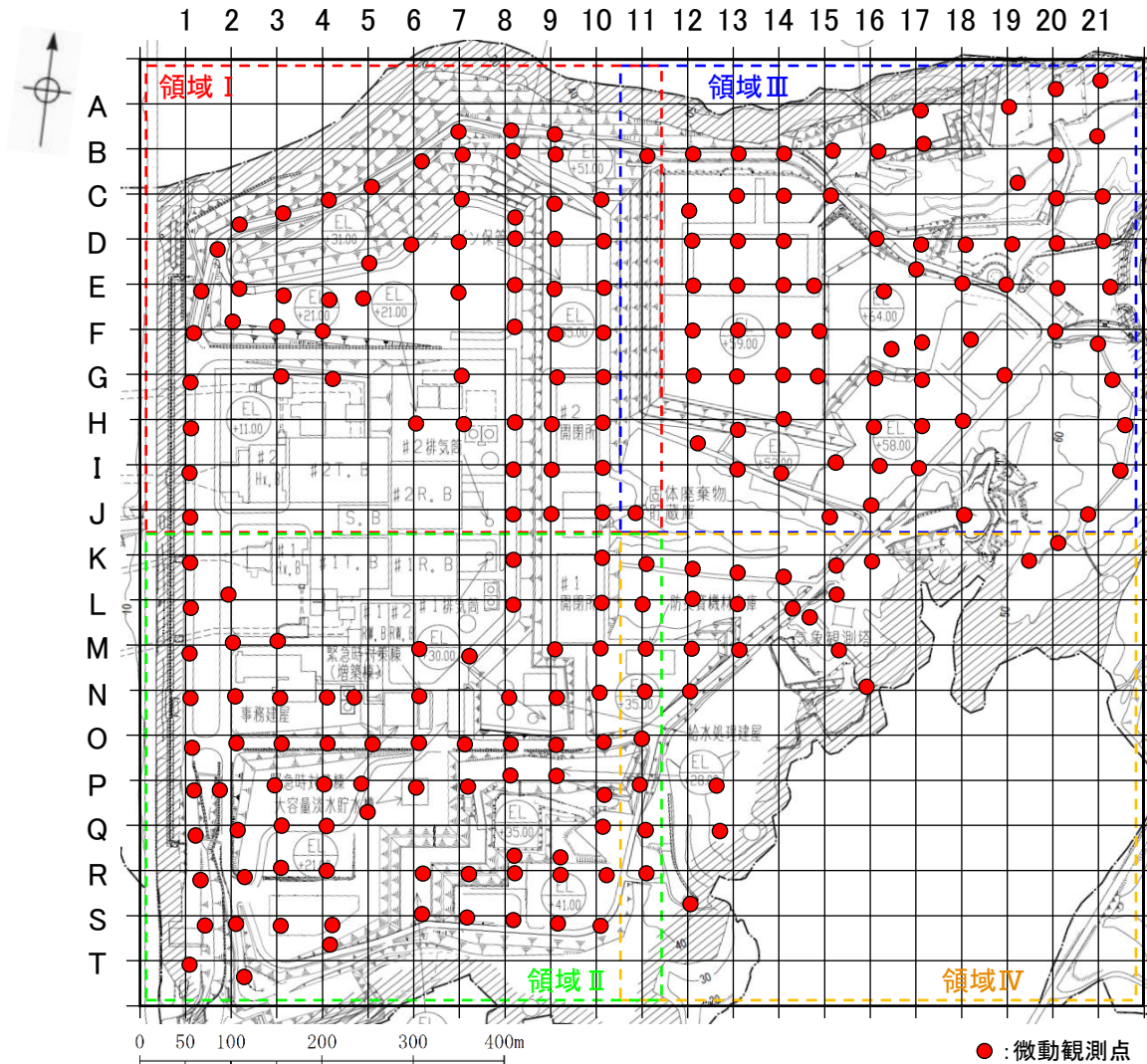


スタック日数による相互相関関数(2/2)

- ※ 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。

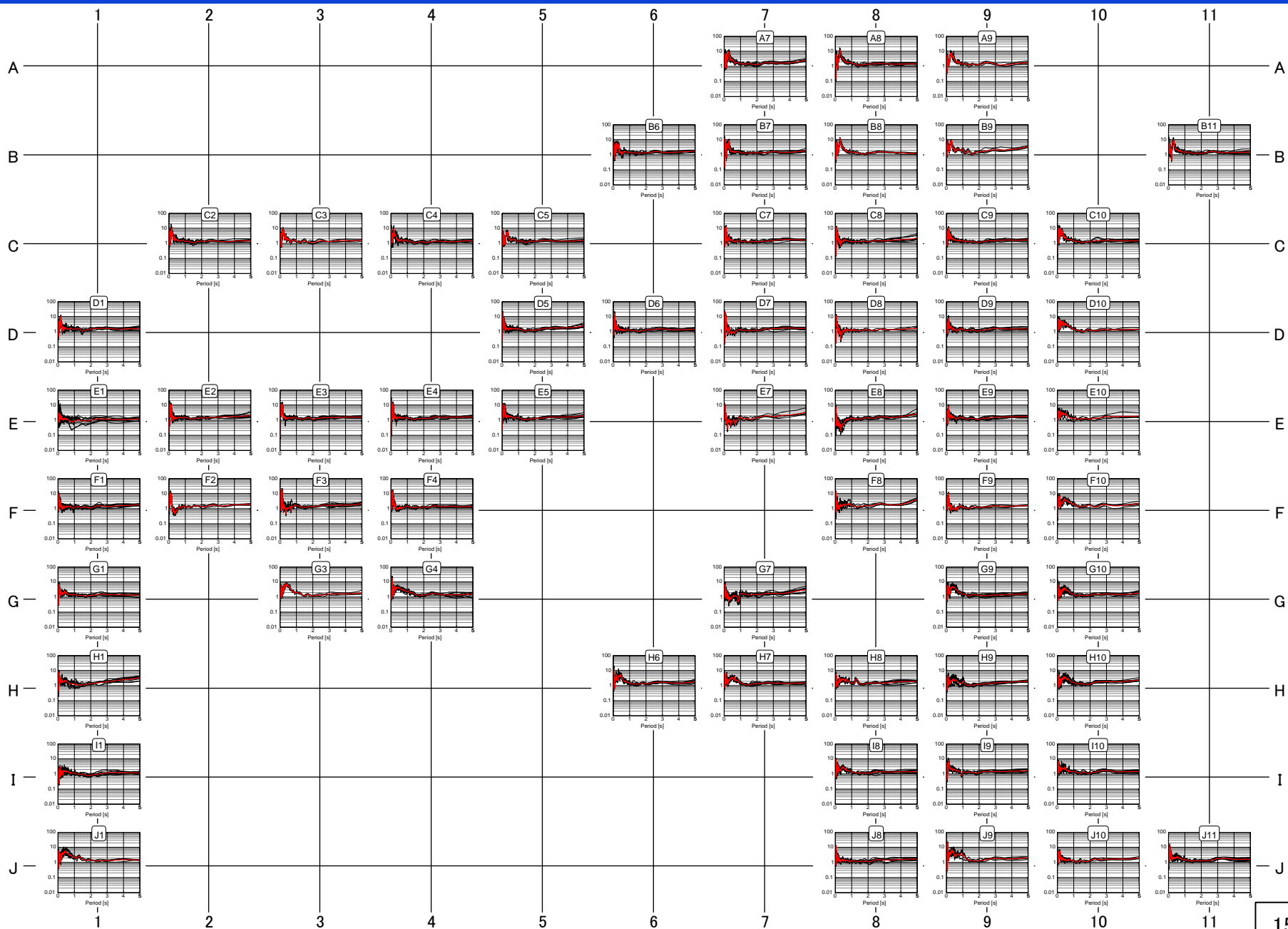
2.2 単点微動探査における各観測点の微動H/Vスペクトル比の評価結果

微動観測点配置図



微動観測点配置図

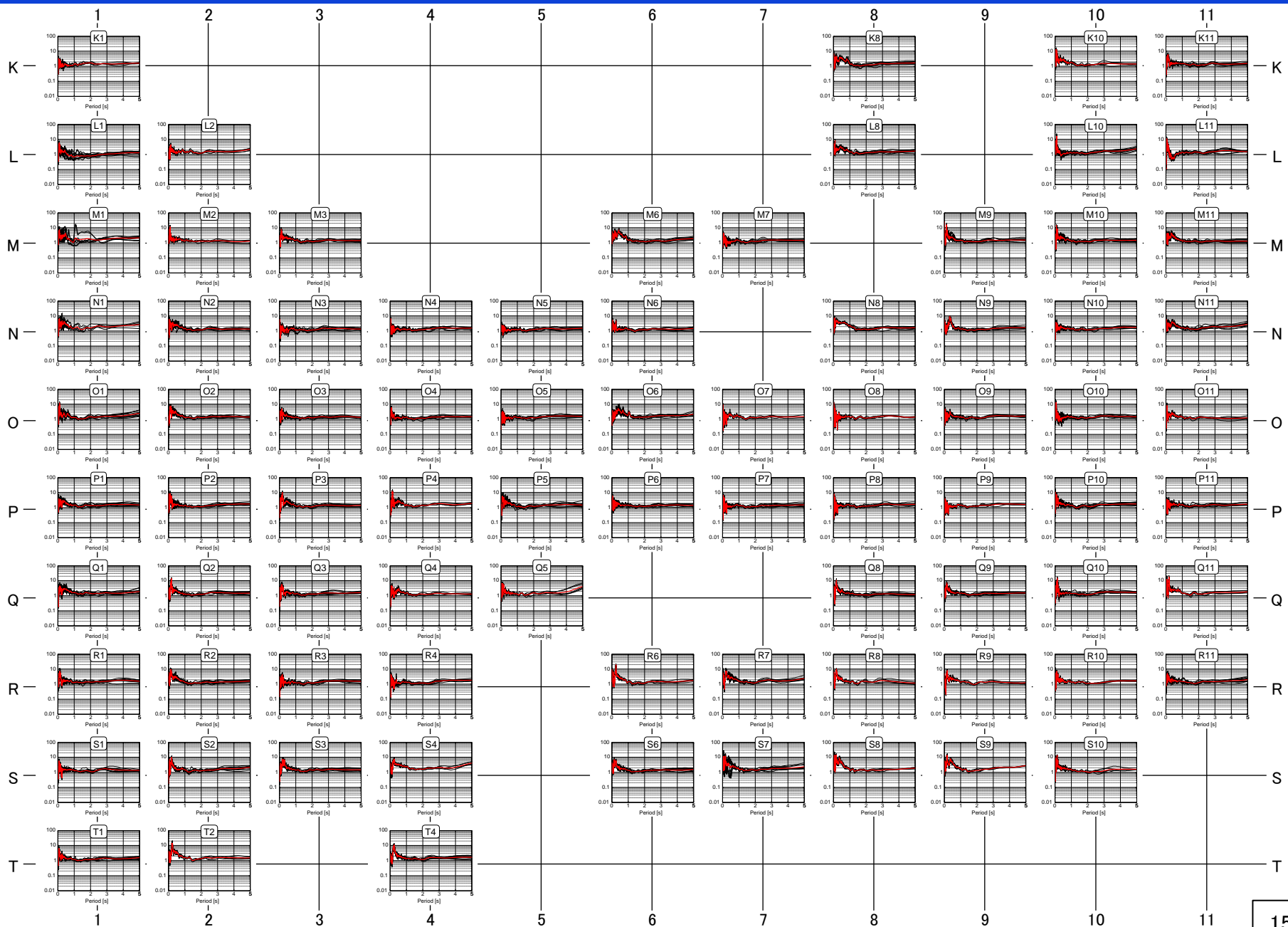
各観測点の微動H/Vスペクトル比(領域 I)



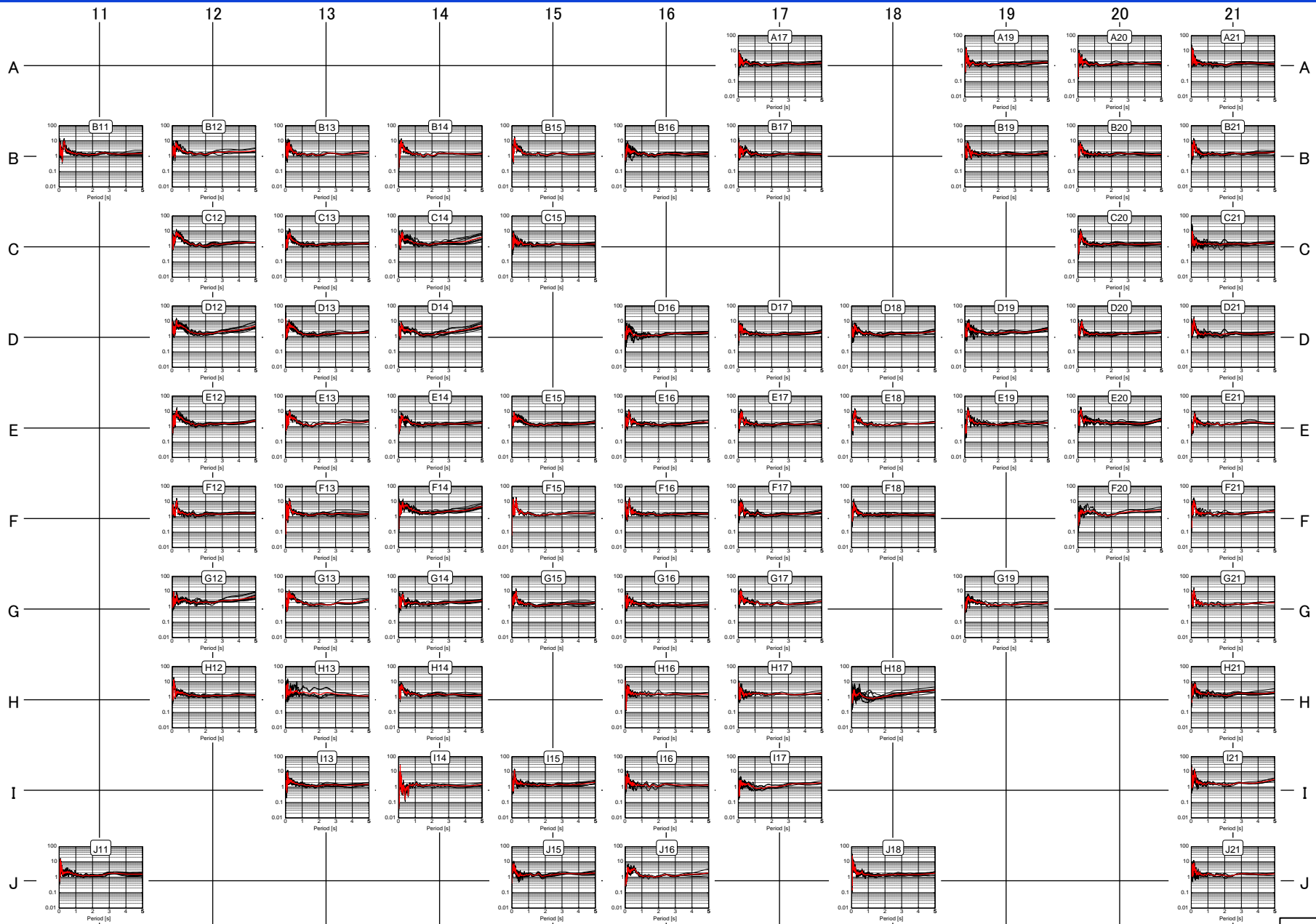
— 微動H/Vスペクトル比(各セグメント) — 微動H/Vスペクトル比(平均)

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)



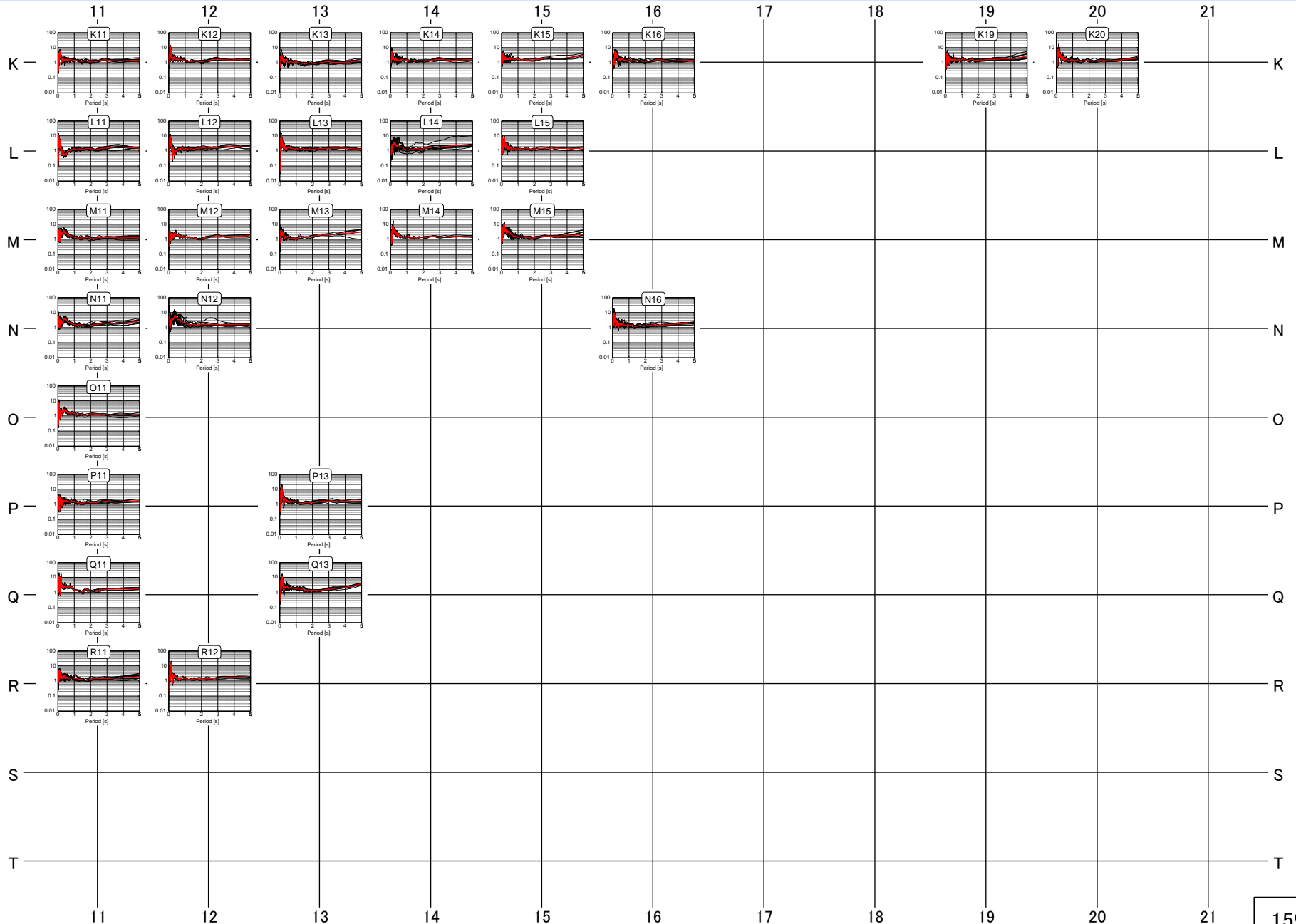
各観測点の微動H/Vスペクトル比(領域Ⅲ)



— 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IV)

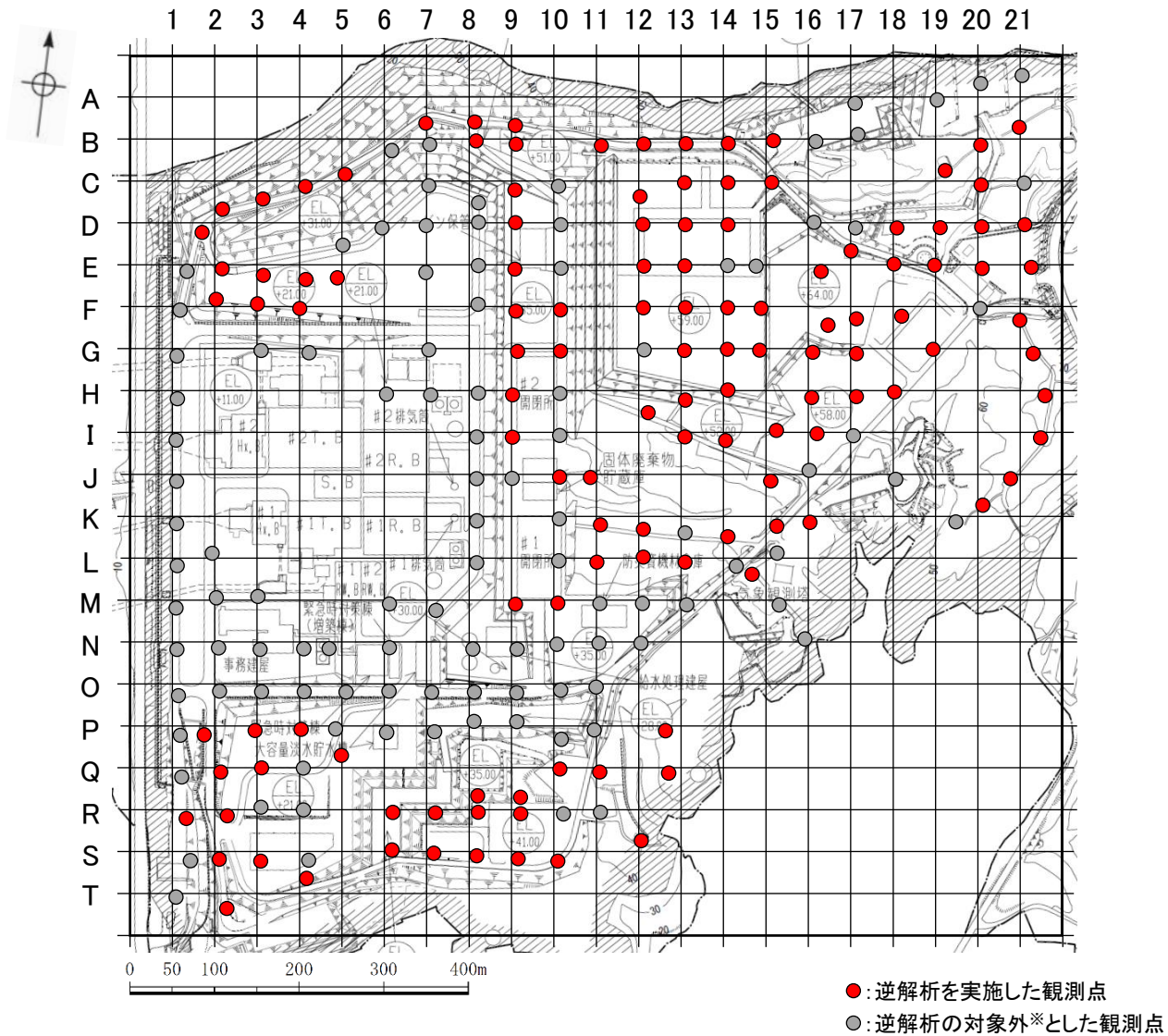


— 微動H/Vスペクトル比(各セグメント) — 微動H/Vスペクトル比(平均)

各観測点の微動H/Vスペクトル比

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

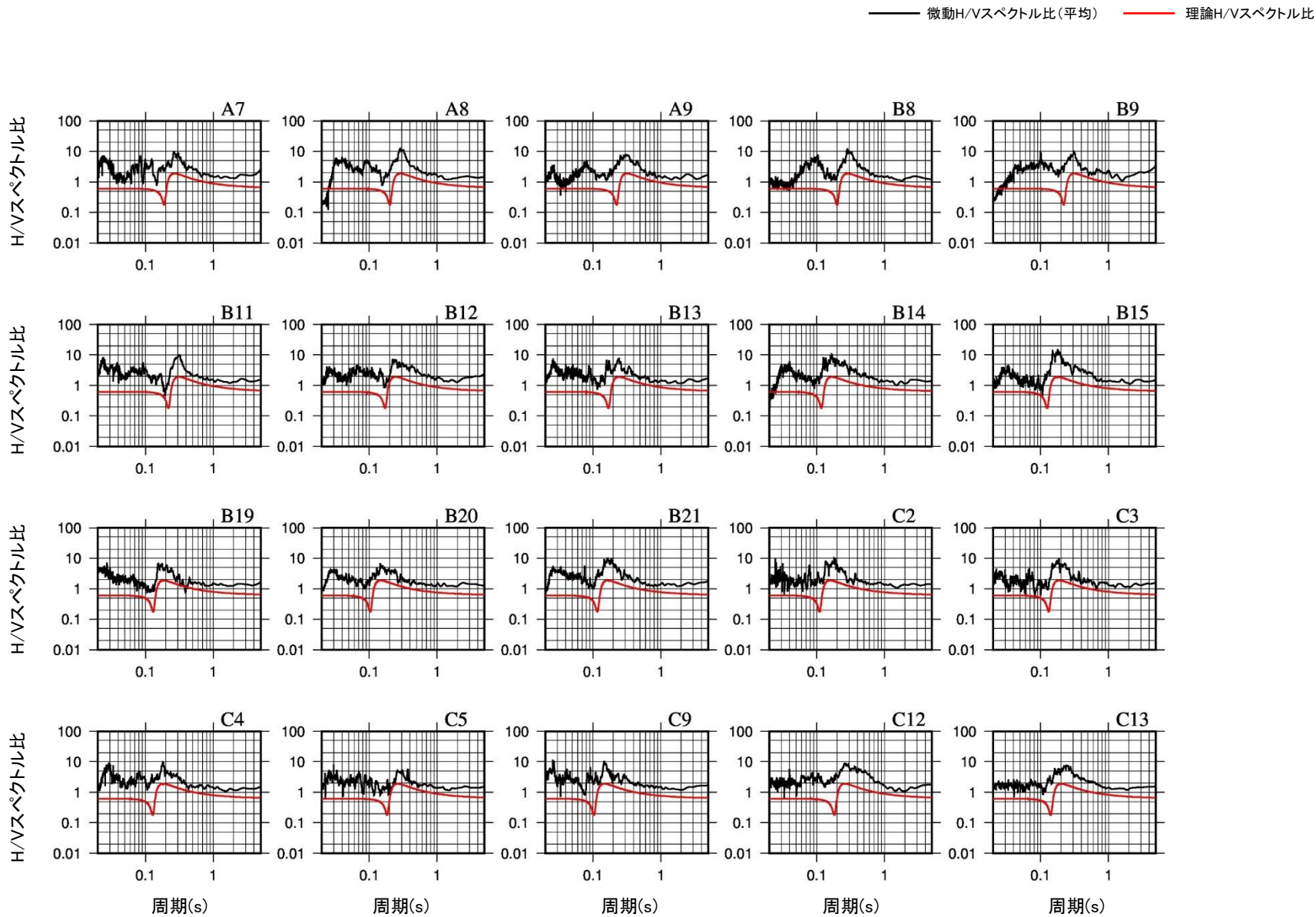
微動観測点のうち逆解析を実施した観測点配置図



微動観測点のうち逆解析を実施した観測点配置図

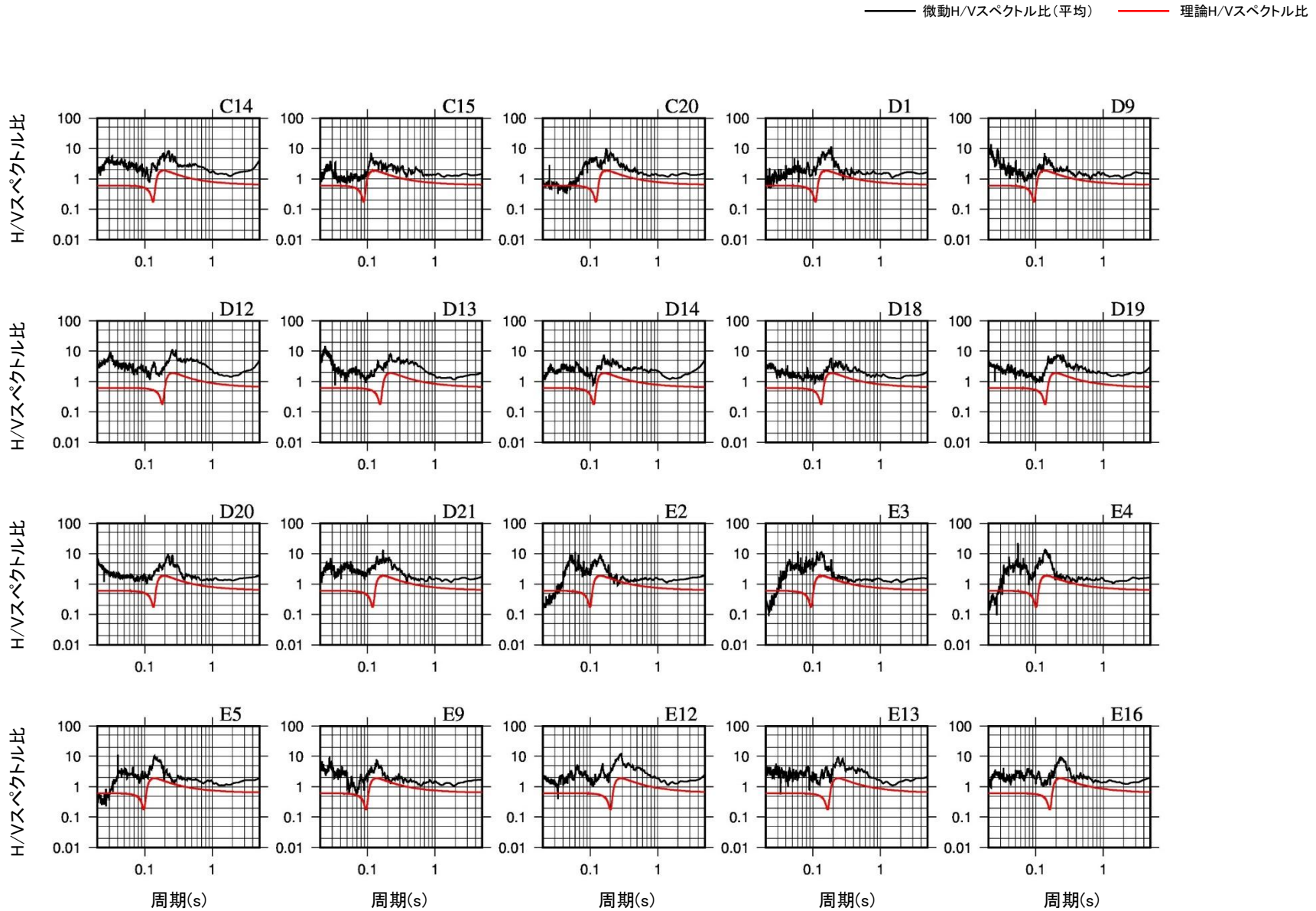
※ 微動H/Vスペクトル比の周期0.1～1秒に明瞭なピークがみられない観測点については、逆解析の対象外とした。

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)



各観測点の微動H/Vスペクトル比と逆解析結果の比較

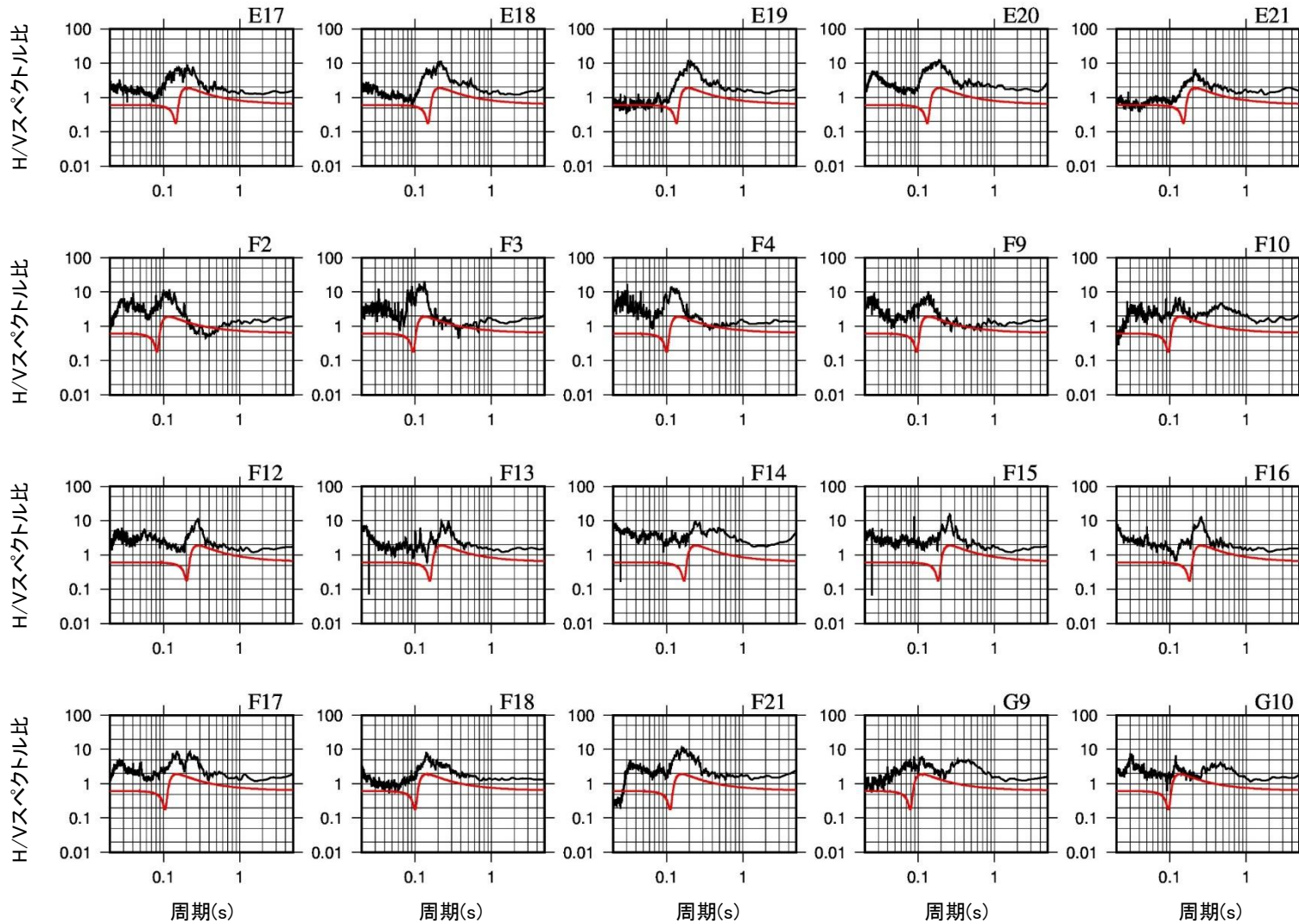
各観測点の微動H/Vスペクトル比と逆解析結果の比較(2/7)



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)

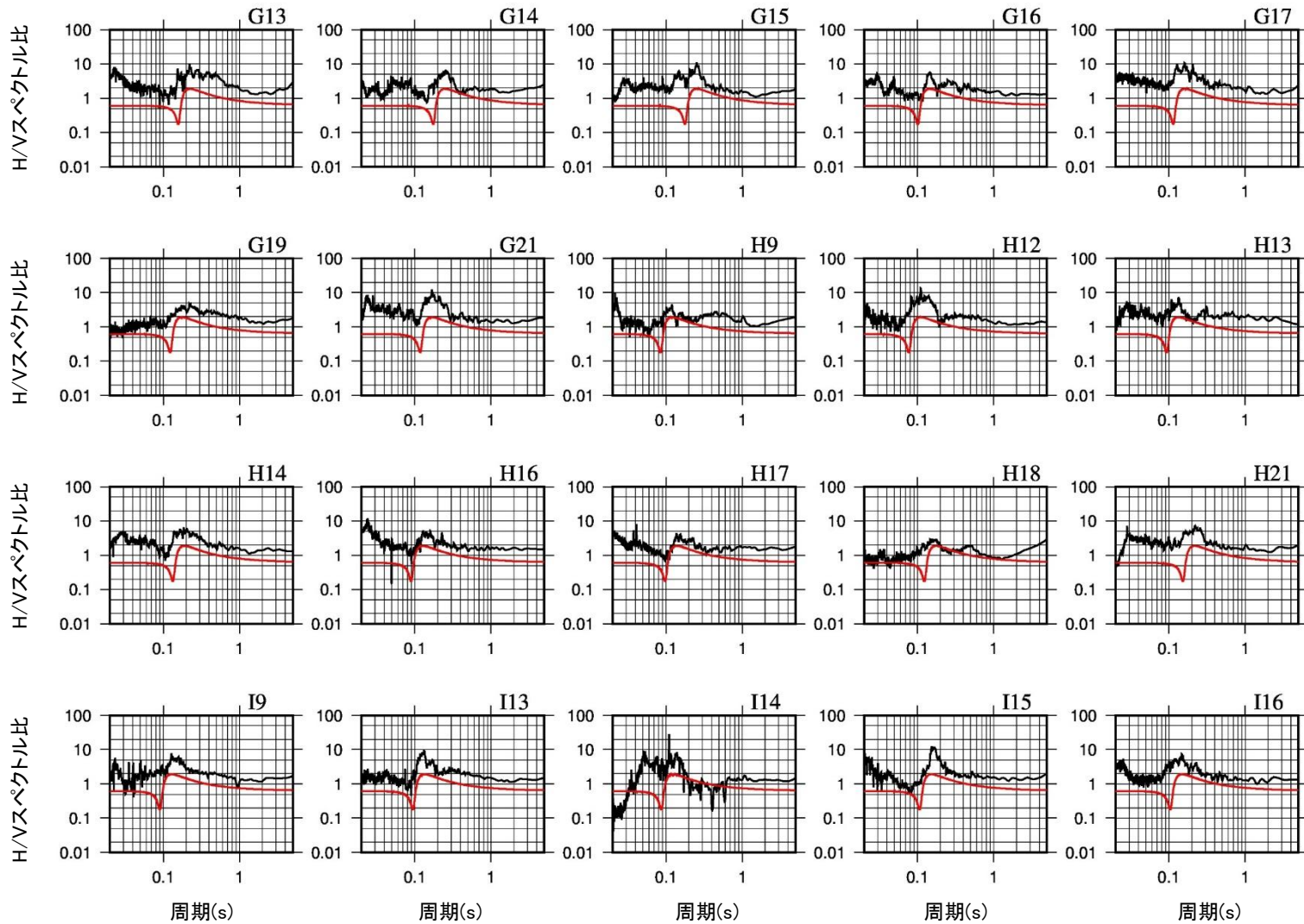
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



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)

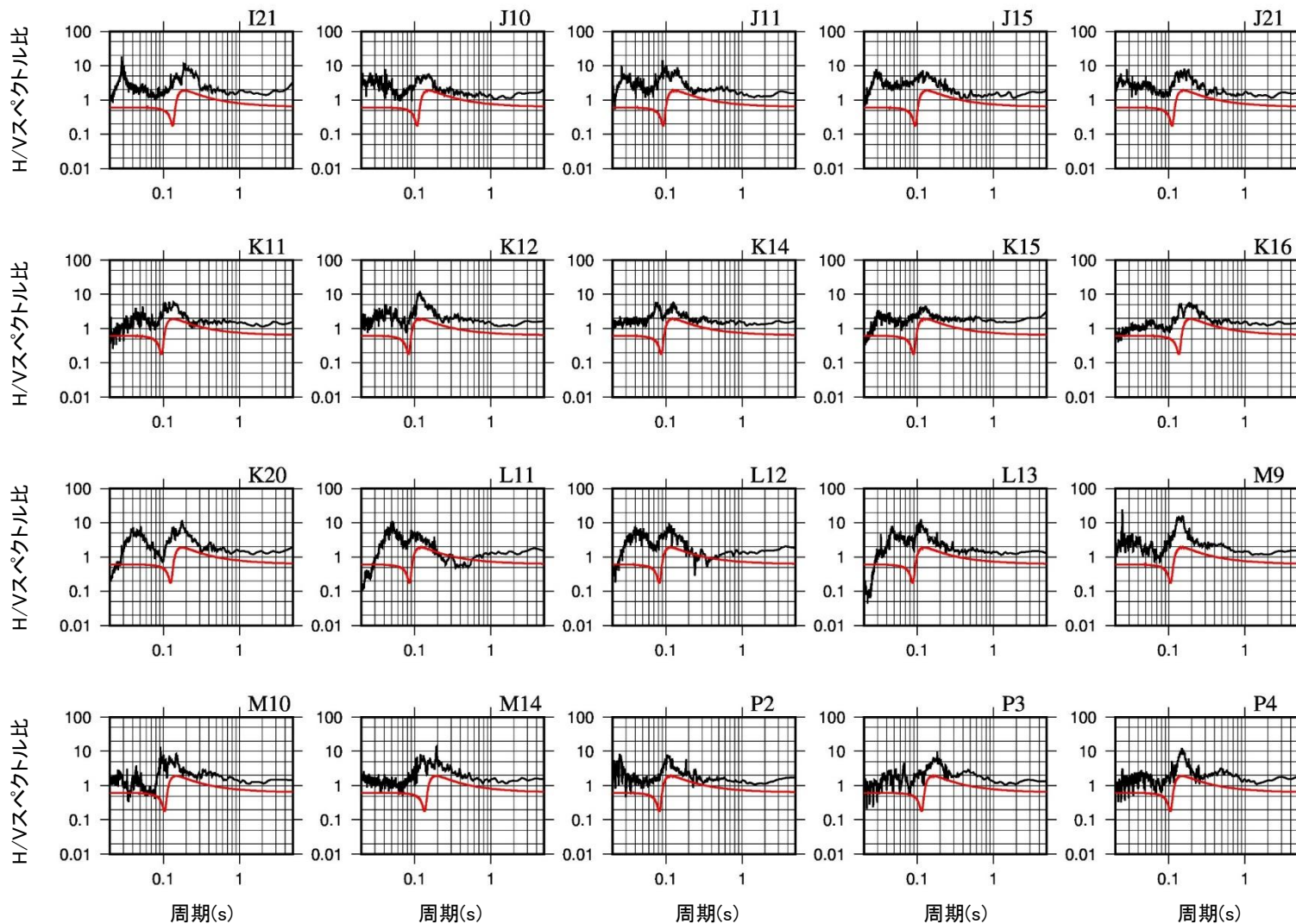
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



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)

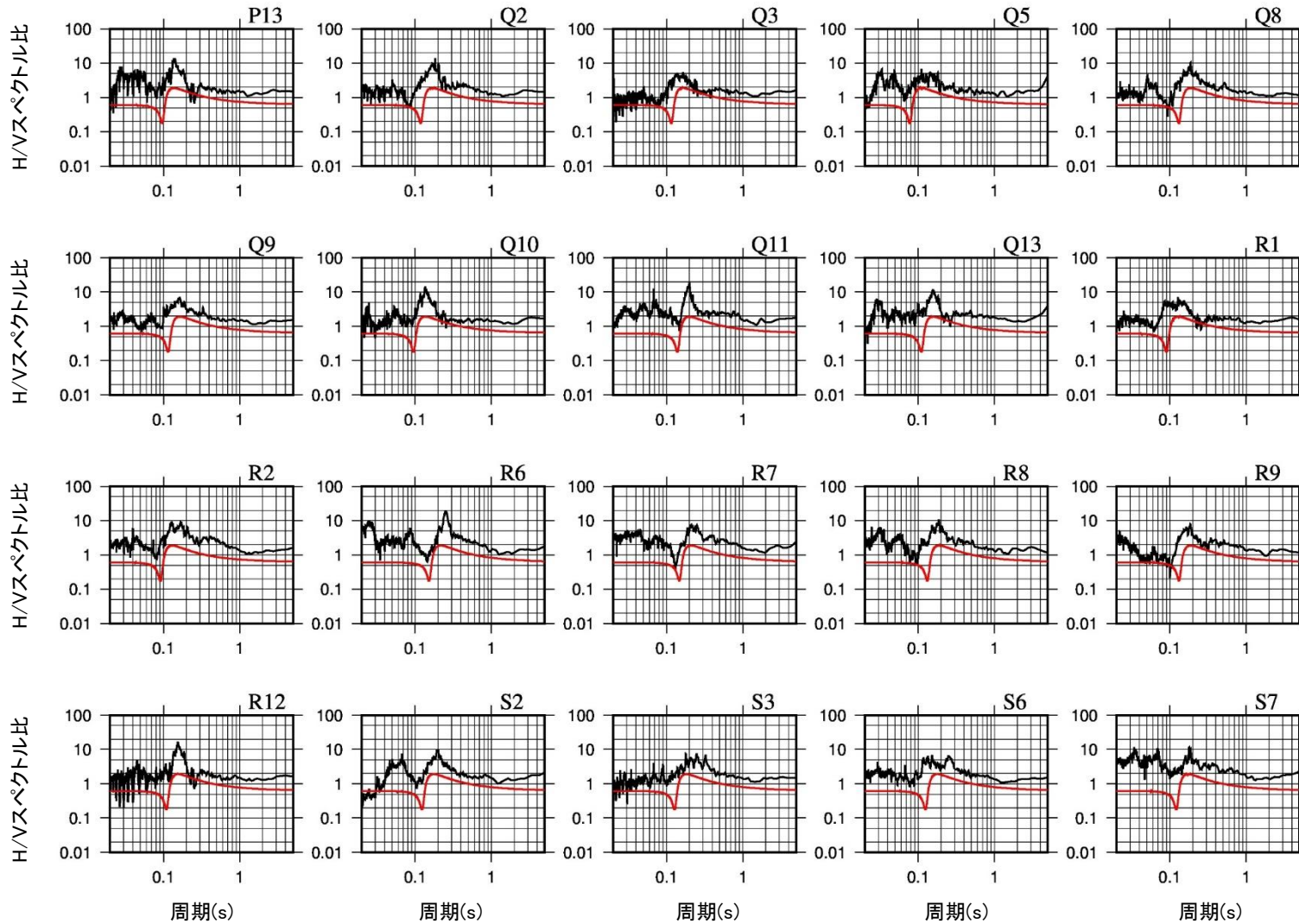
—— 微動H/Vスペクトル比(平均) ——— 理論H/Vスペクトル比



各観測点の微動H/Vスペクトル比と逆解析結果の比較

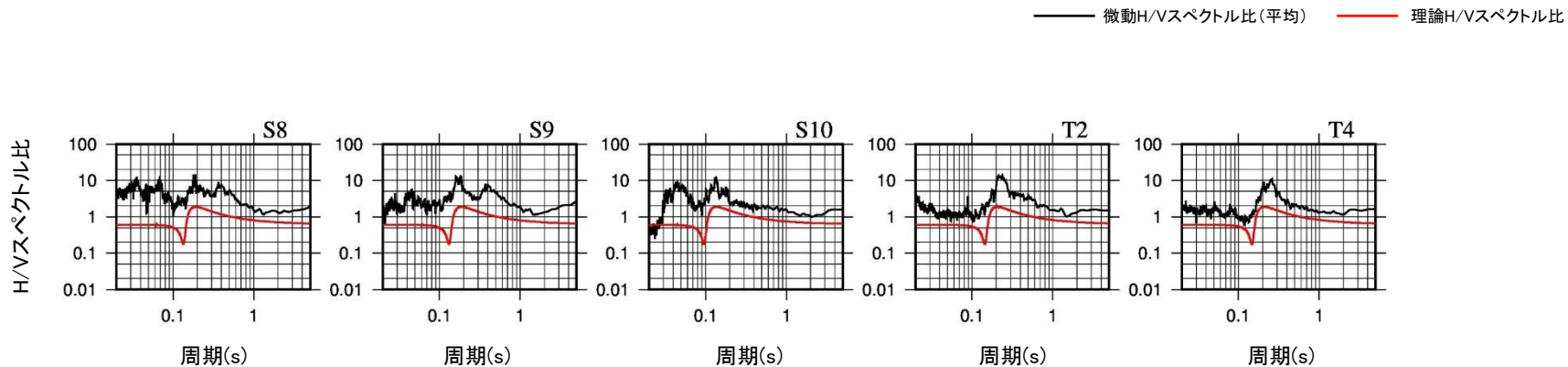
各観測点の微動H/Vスペクトル比と逆解析結果の比較(6/7)

—— 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

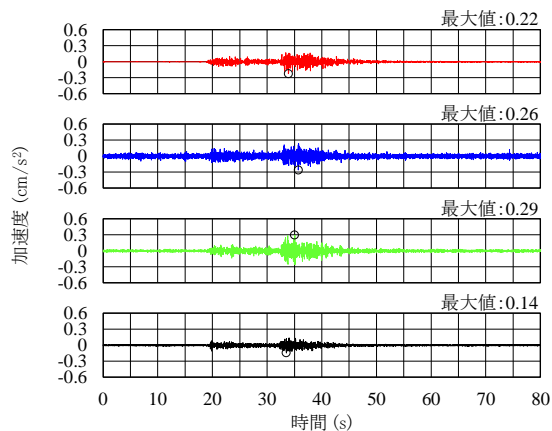
* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

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

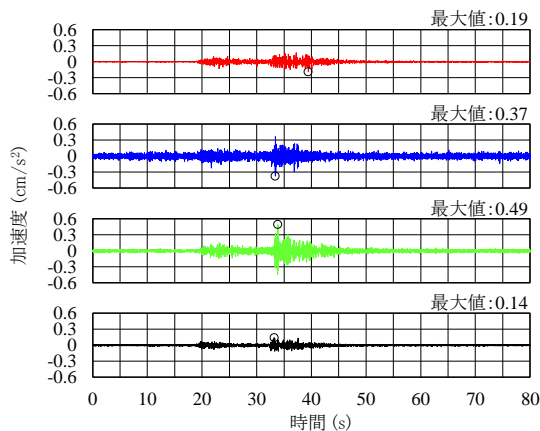
※ 観測点3のNS方向のNo.3~12及びEW方向のNo.29, 32~33, 43~48, 53~56については、地震計の不具合により適切な観測記録が得られなかったことから検討対象外とした。

※ 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。

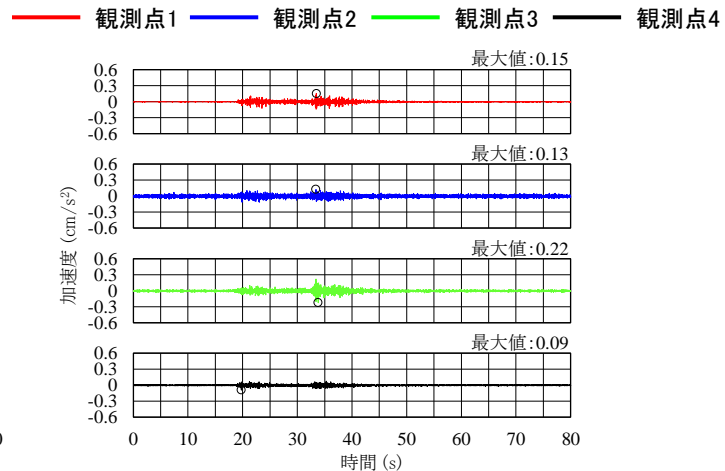
No.1



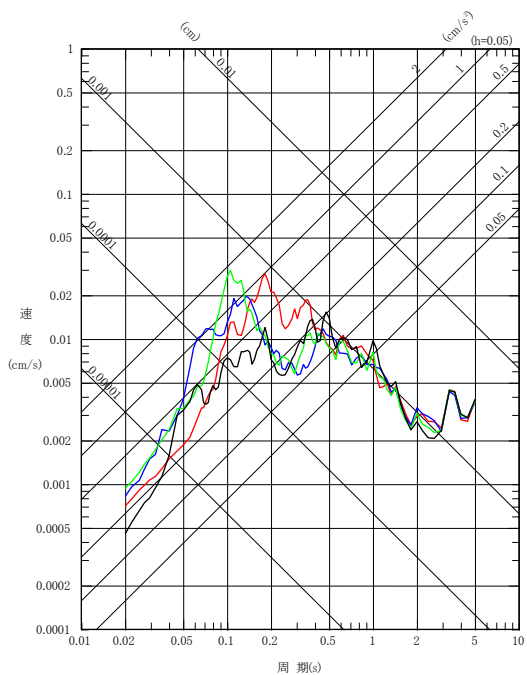
NS方向



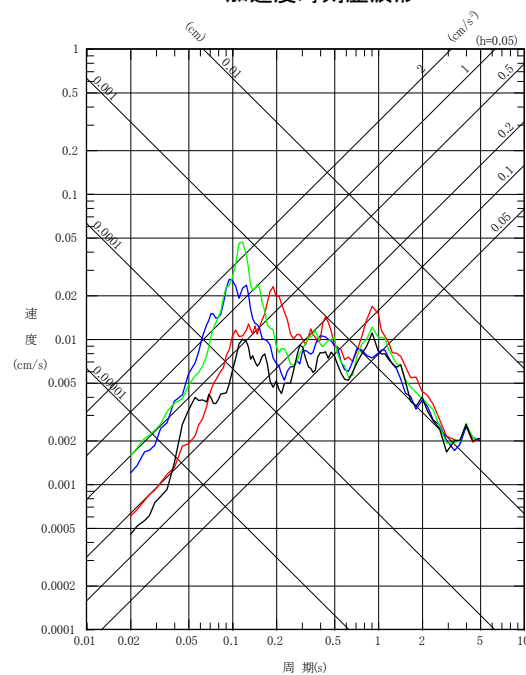
EW方向
加速度時刻歴波形



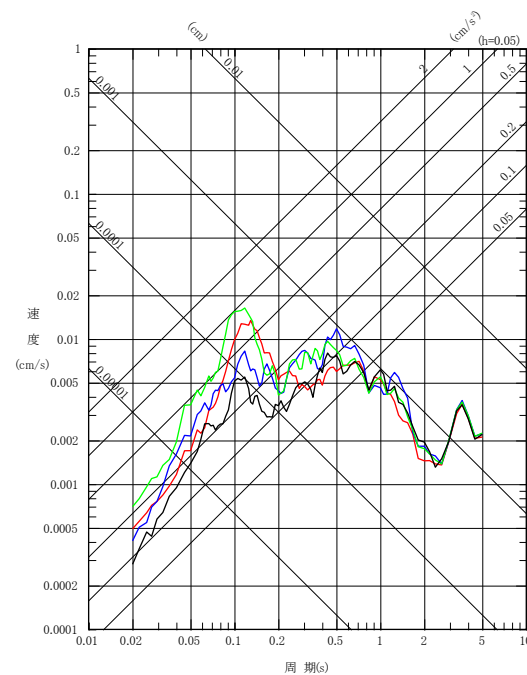
UD方向



NS方向

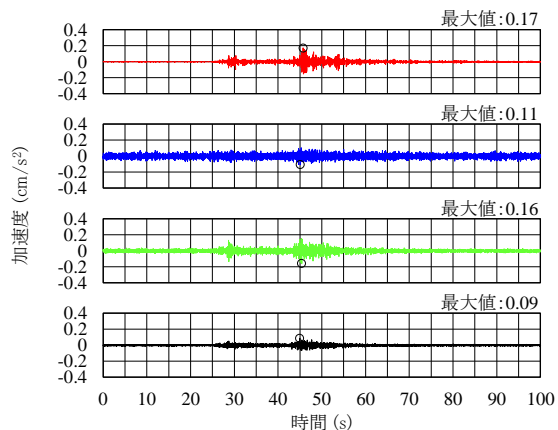


EW方向
擬似速度応答スペクトル

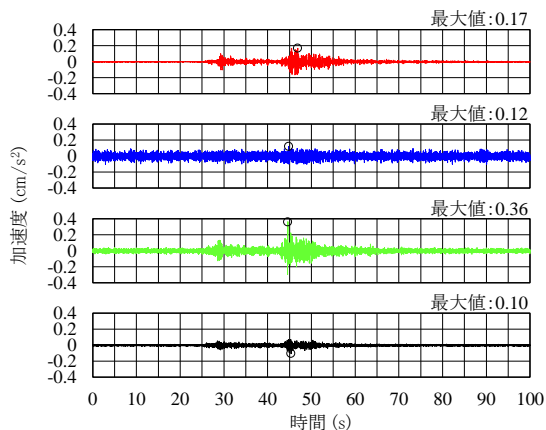


UD方向

No.2

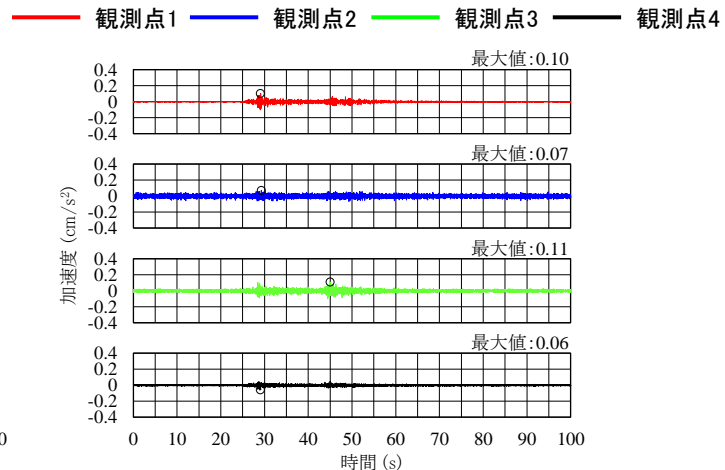


NS方向

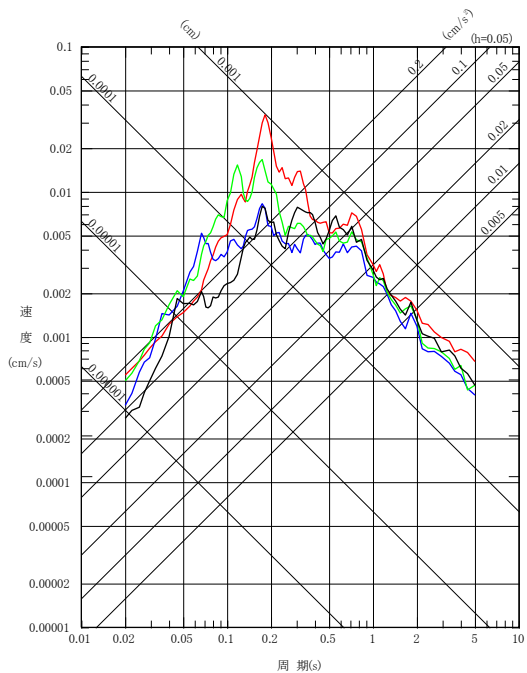


EW方向

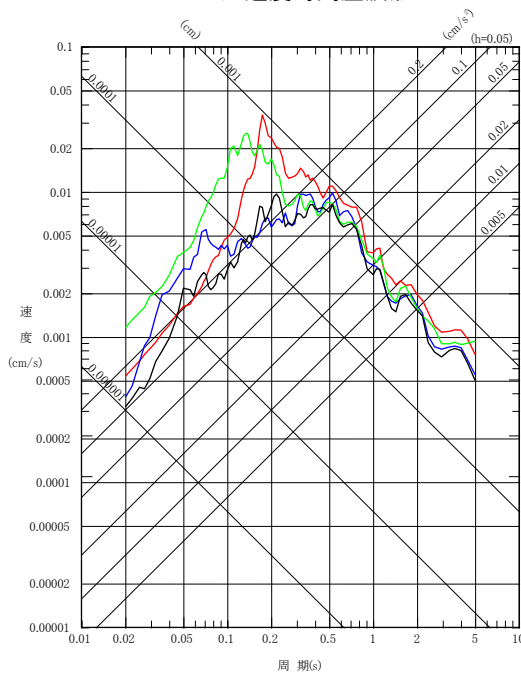
加速度時刻歴波形



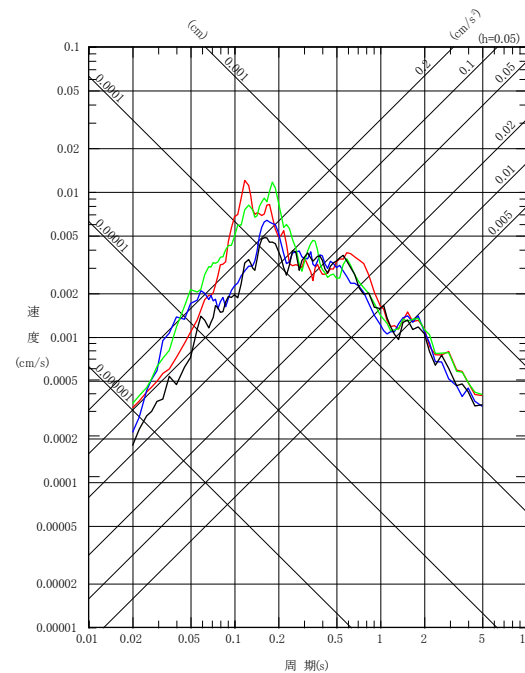
UD方向



NS方向

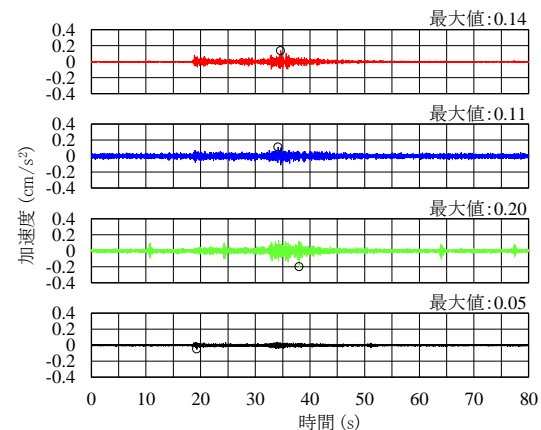
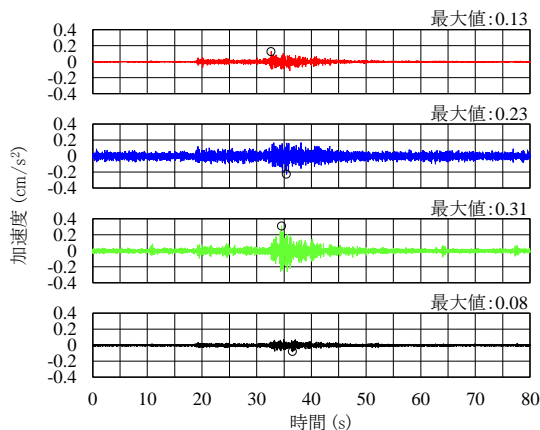
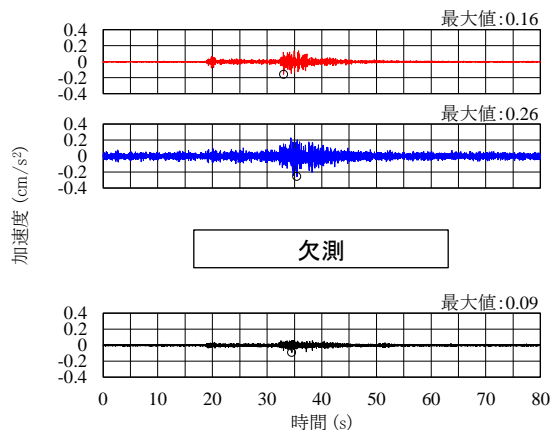


EW方向
擬似速度応答スペクトル

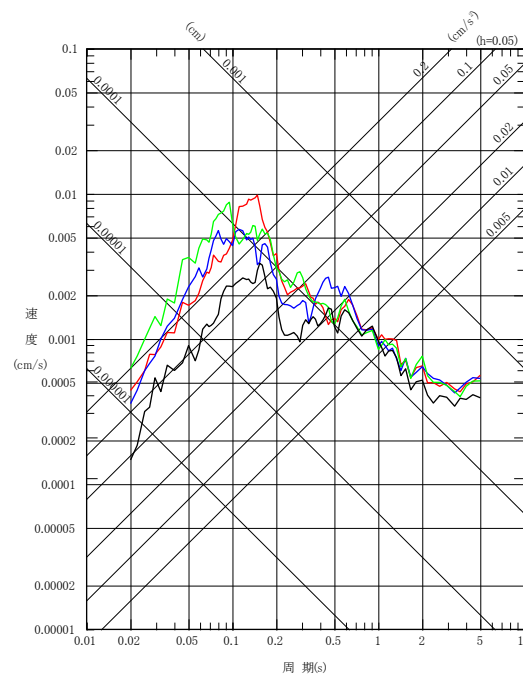
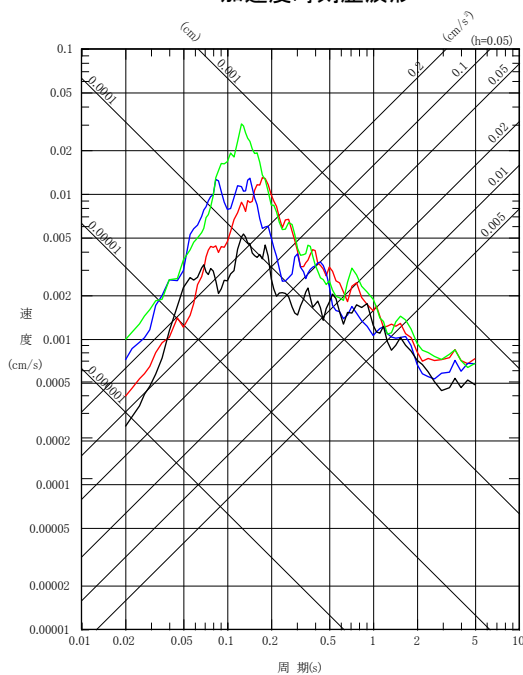
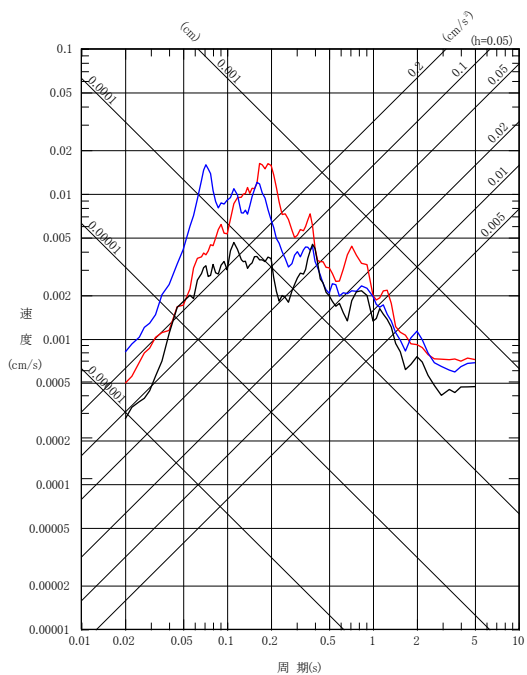


UD方向

No.3

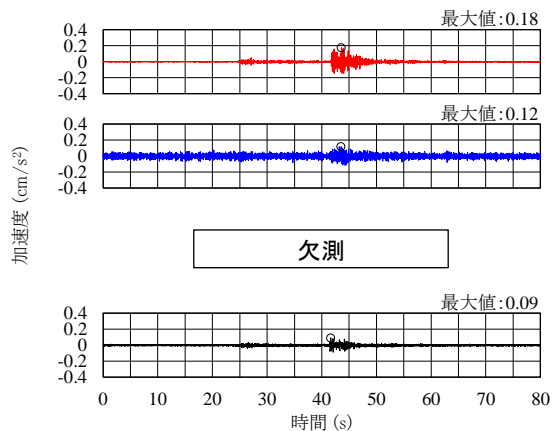


加速度時刻歴波形

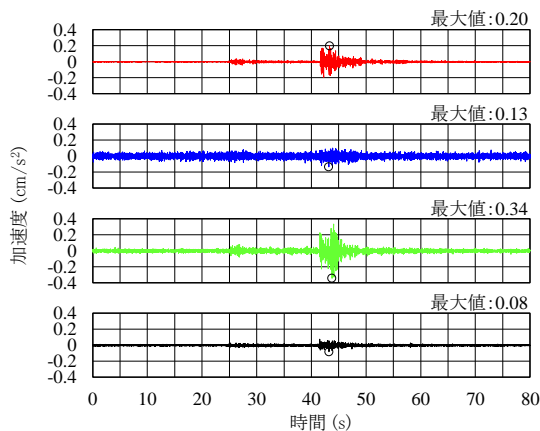


擬似速度応答スペクトル

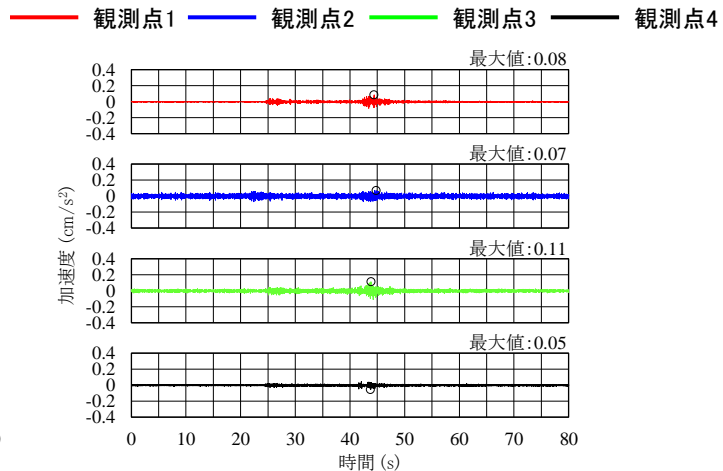
No.4



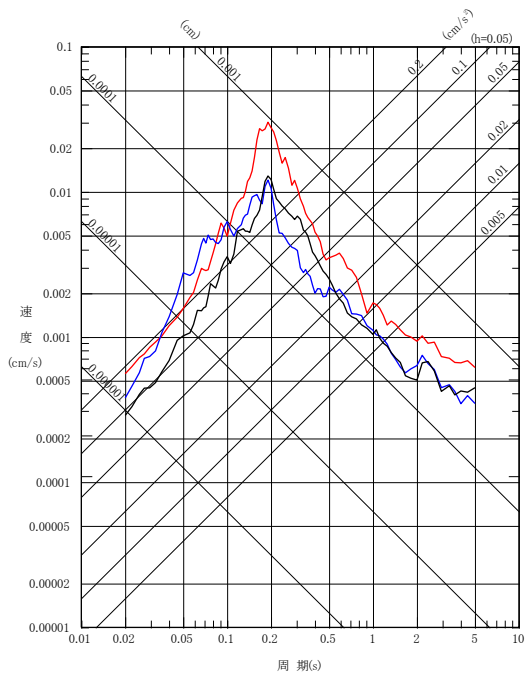
NS方向



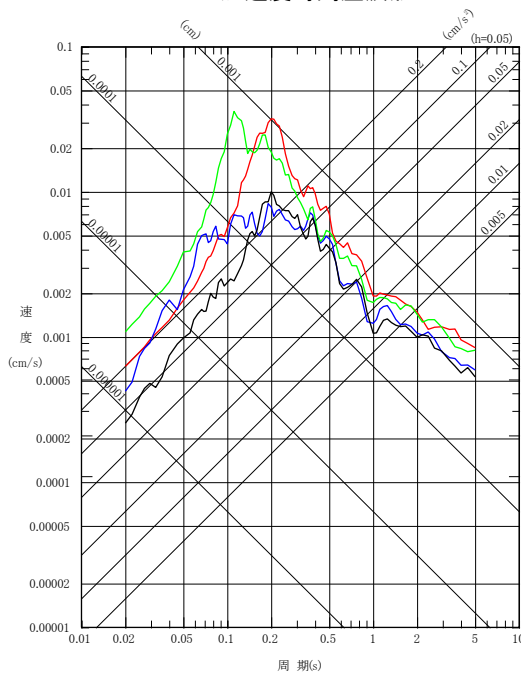
EW方向
加速度時刻歴波形



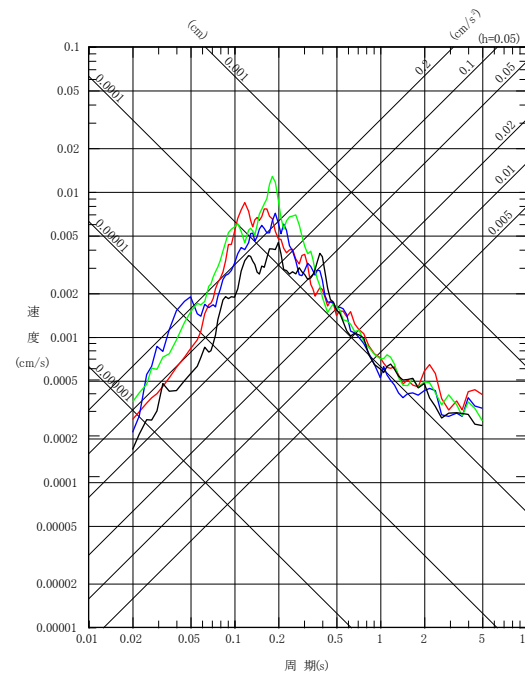
UD方向



NS方向

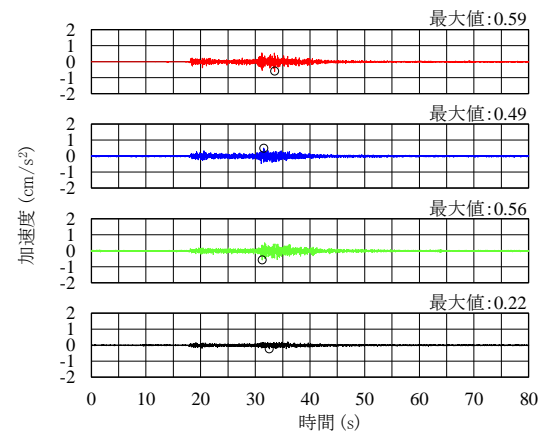
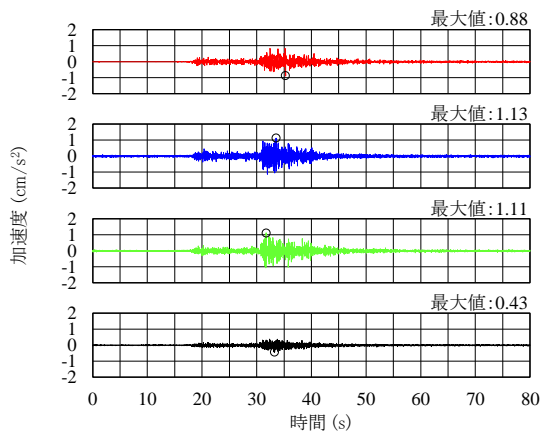
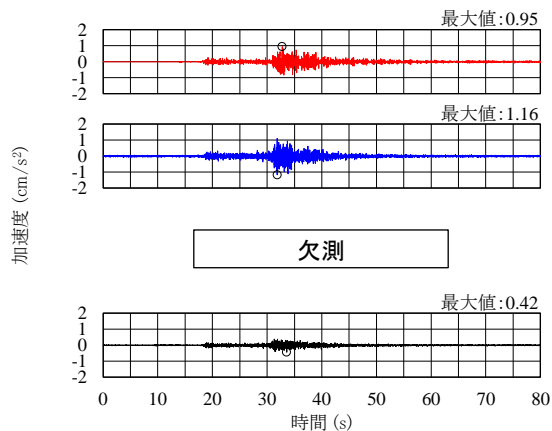


EW方向
擬似速度応答スペクトル

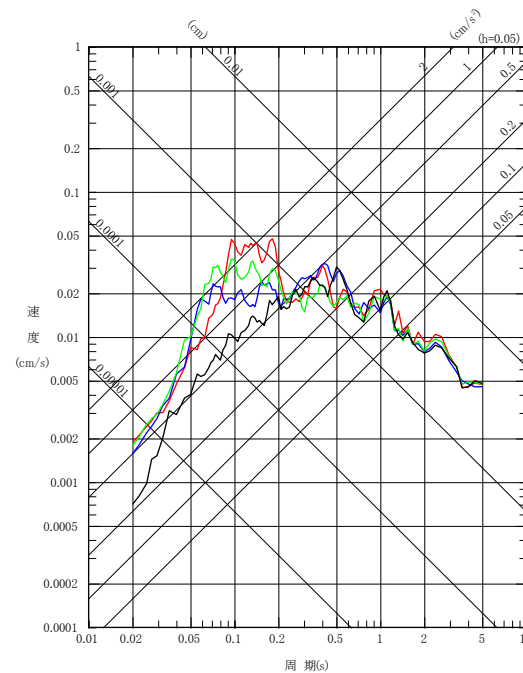
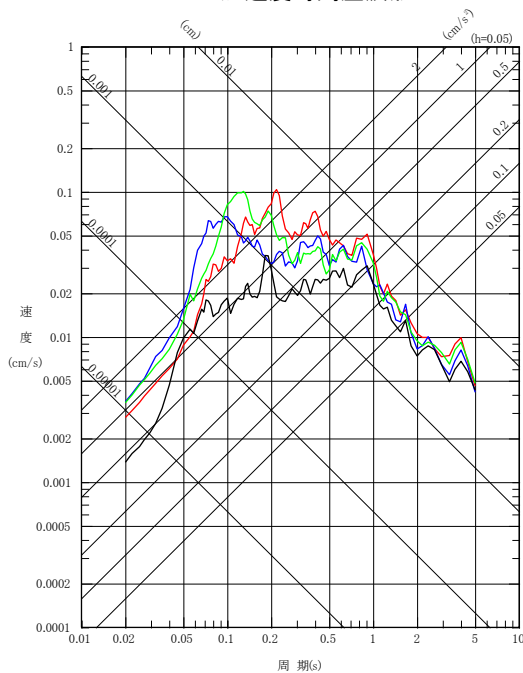
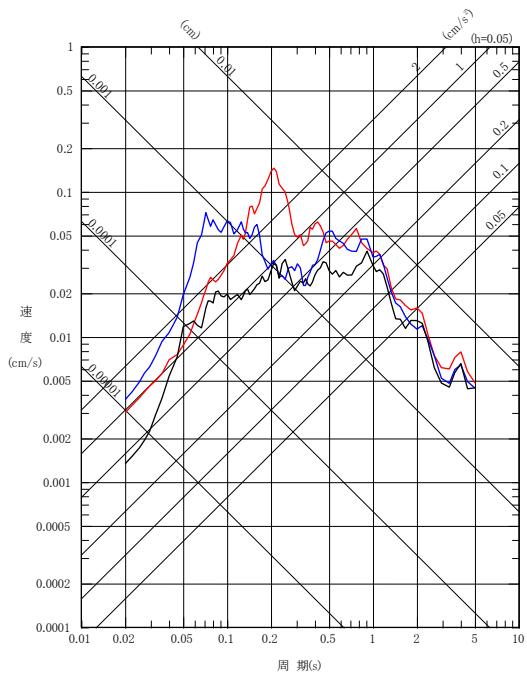


UD方向

No.5

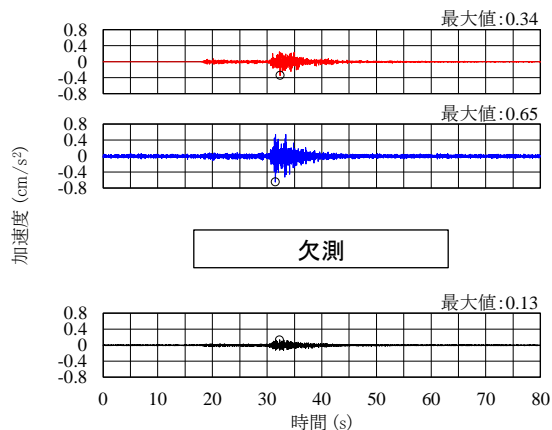


加速度時刻歴波形

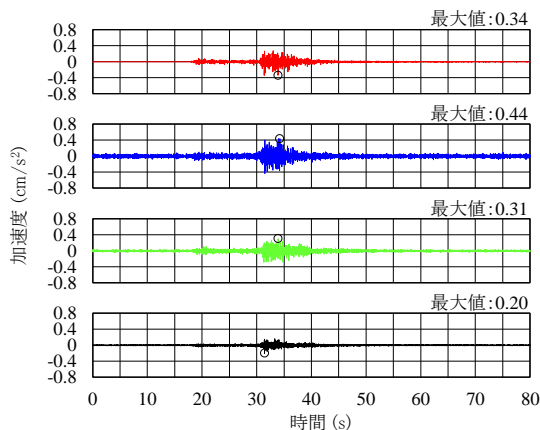


擬似速度応答スペクトル

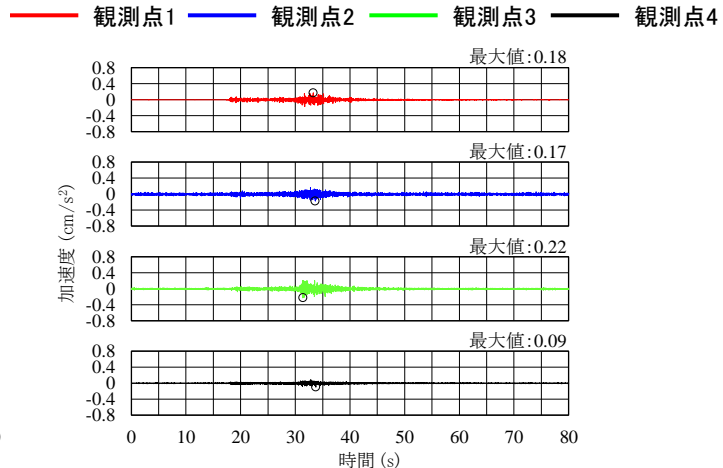
No.6



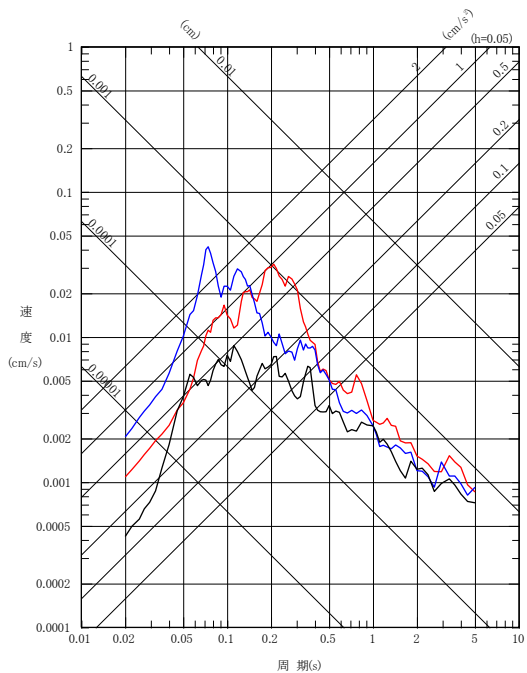
NS方向



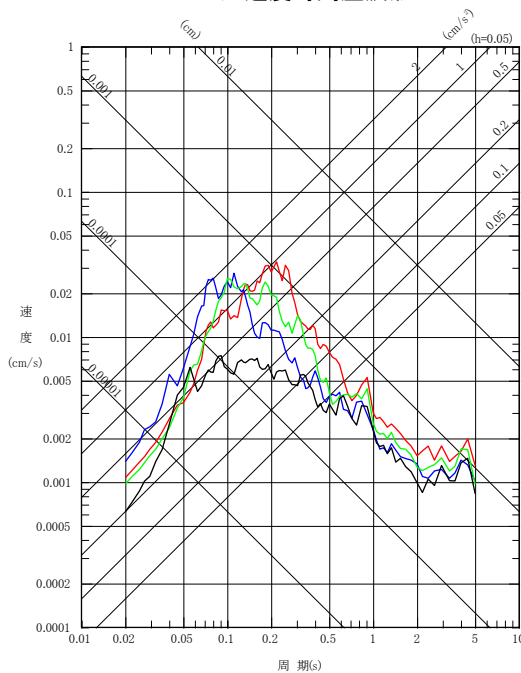
EW方向
加速度時刻歴波形



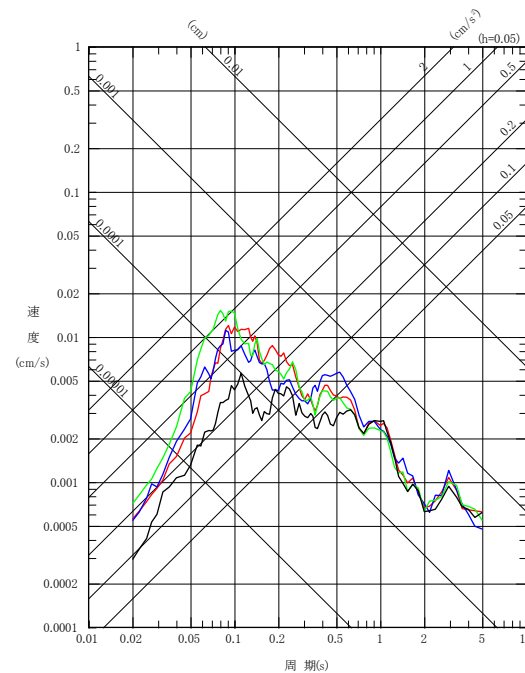
UD方向



NS方向

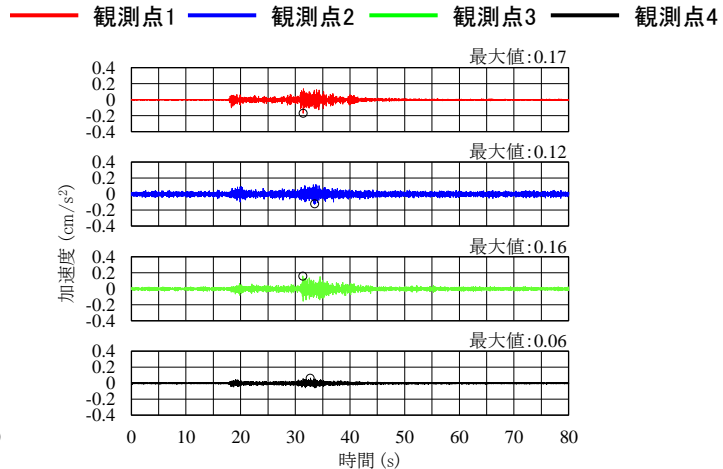
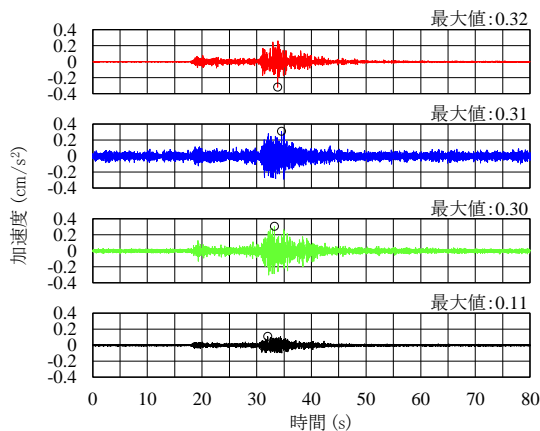
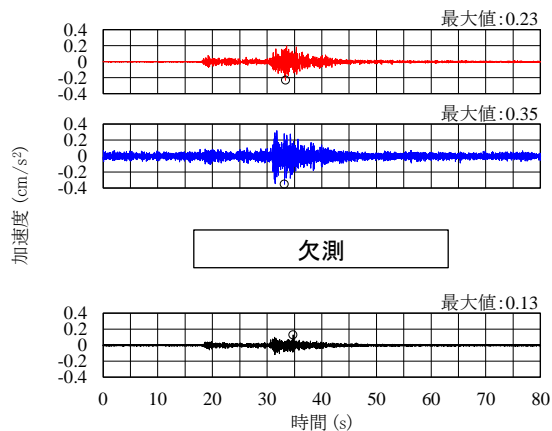


EW方向
擬似速度応答スペクトル

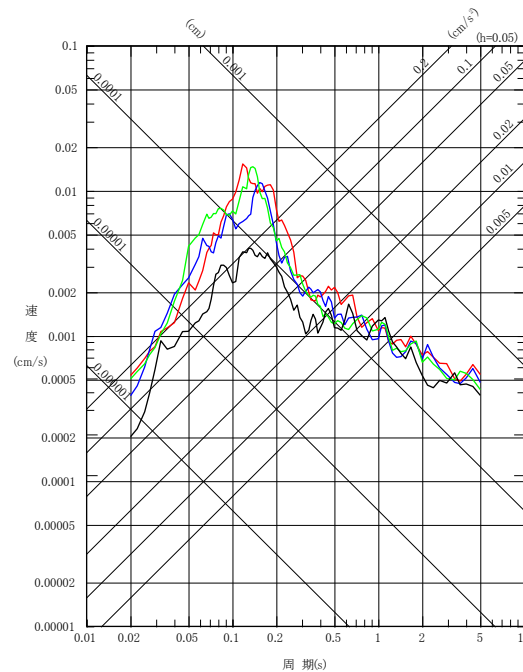
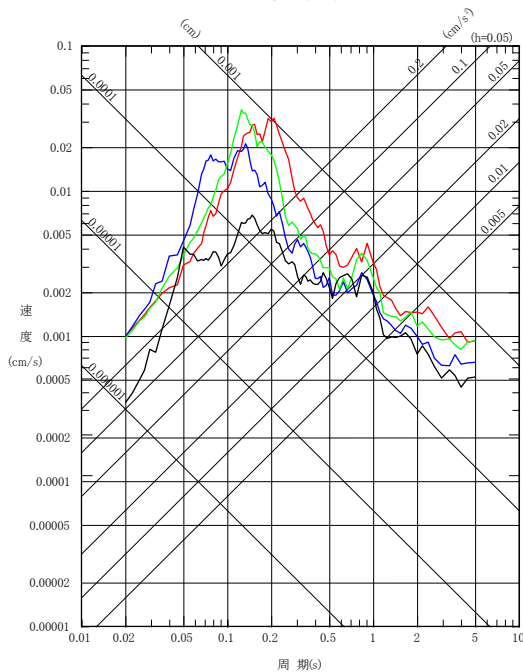
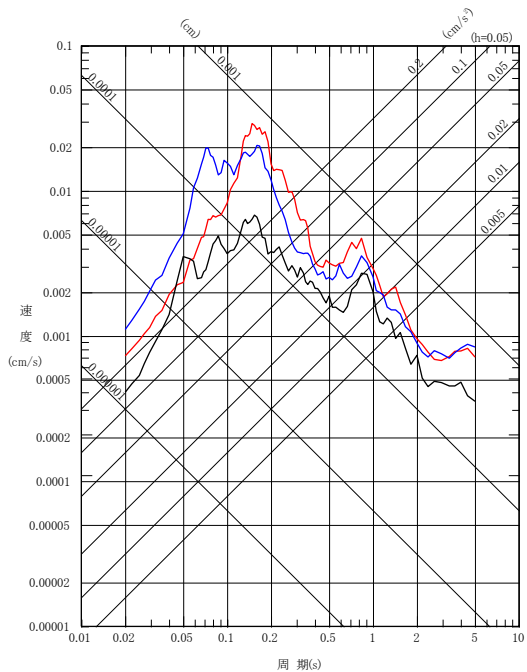


UD方向

No.7

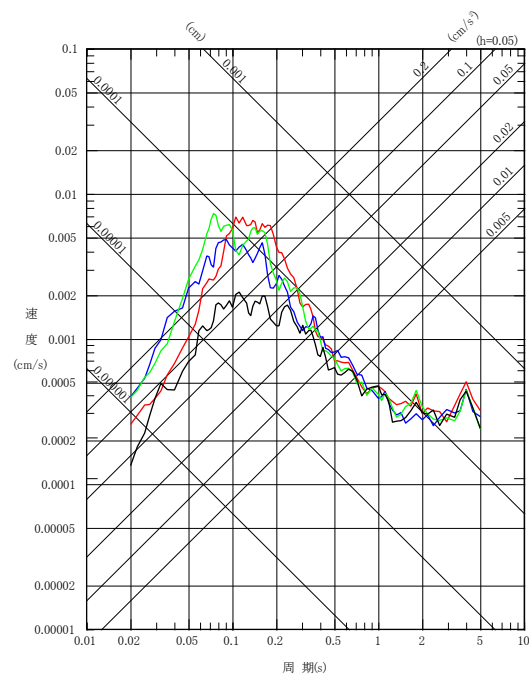
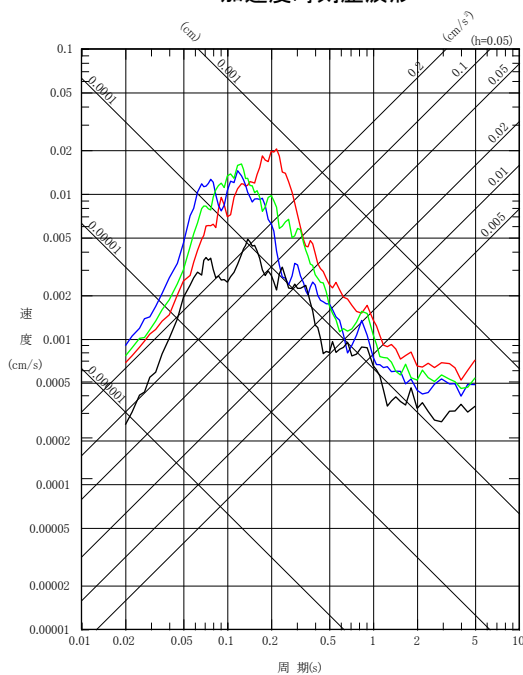
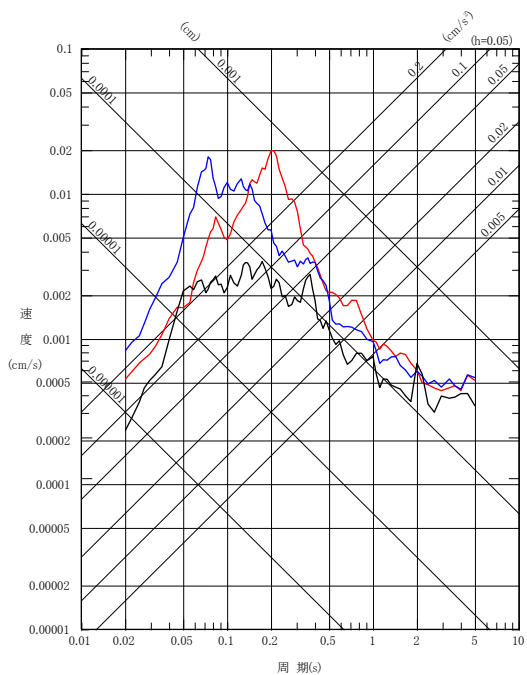
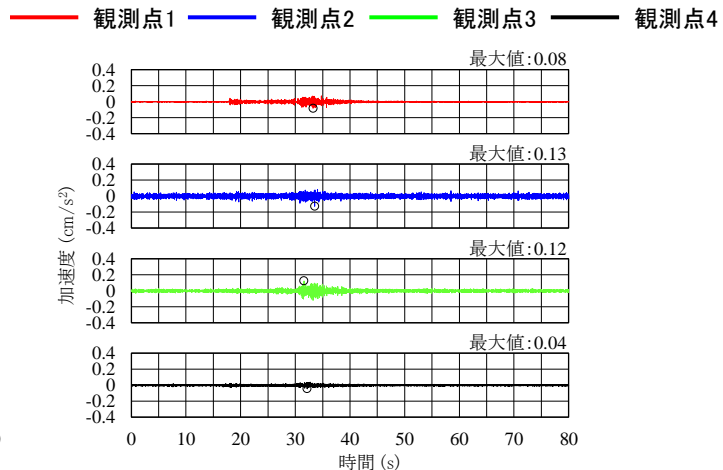
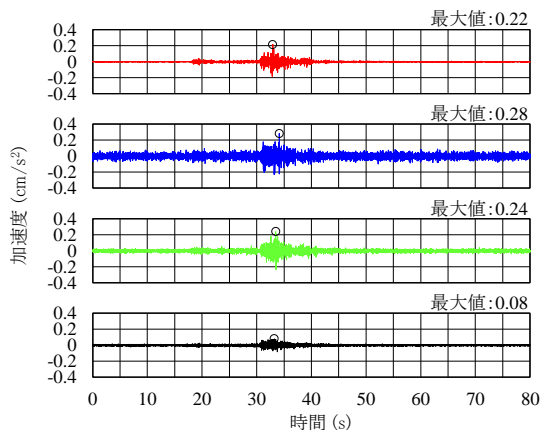
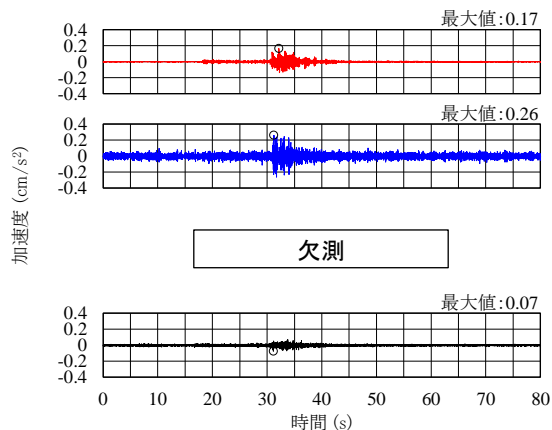


加速度時刻歴波形

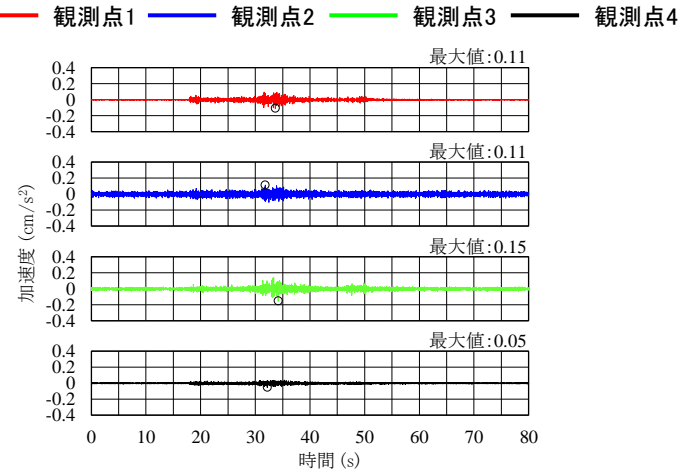
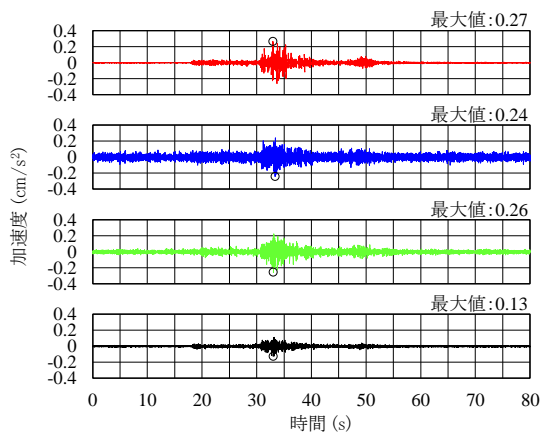
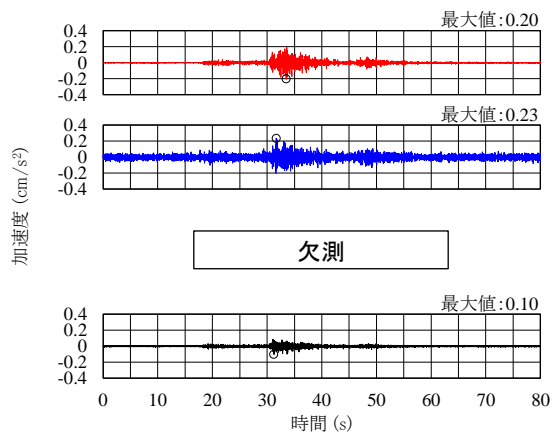


擬似速度応答スペクトル

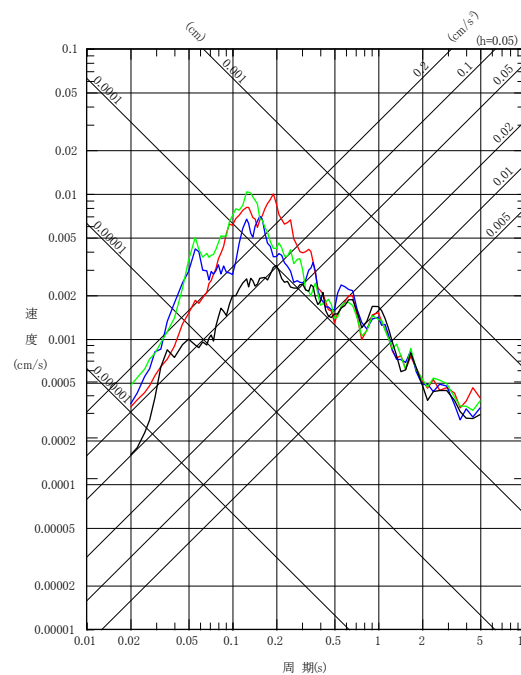
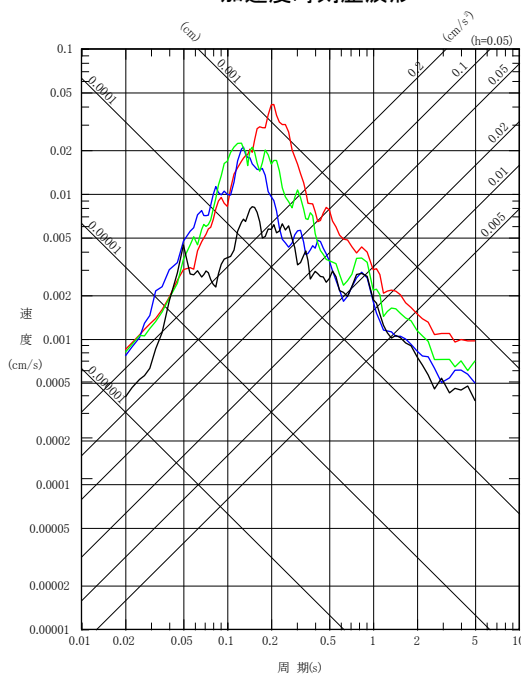
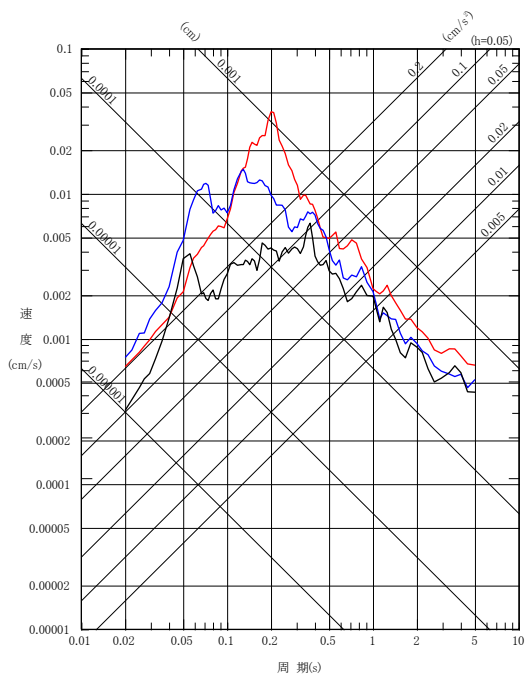
No.8



No.9

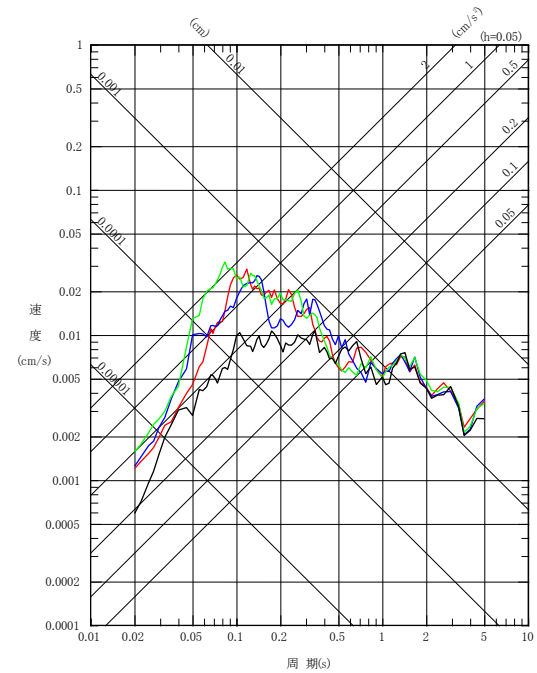
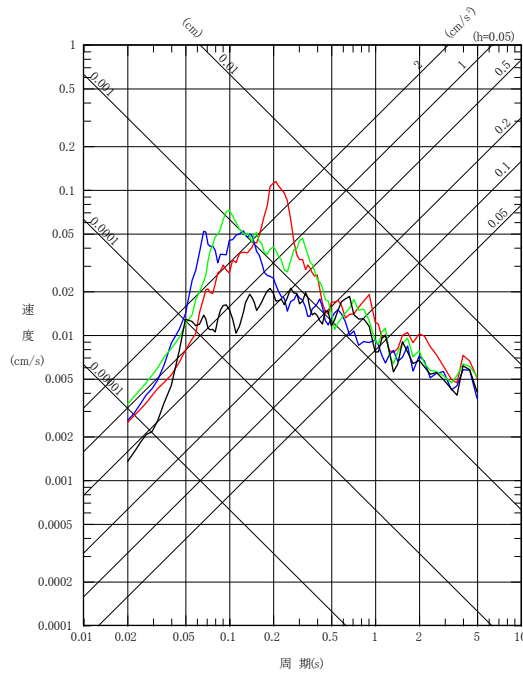
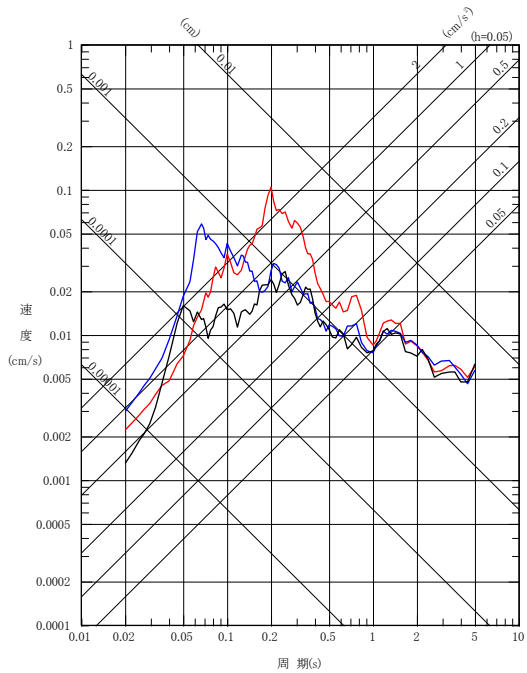
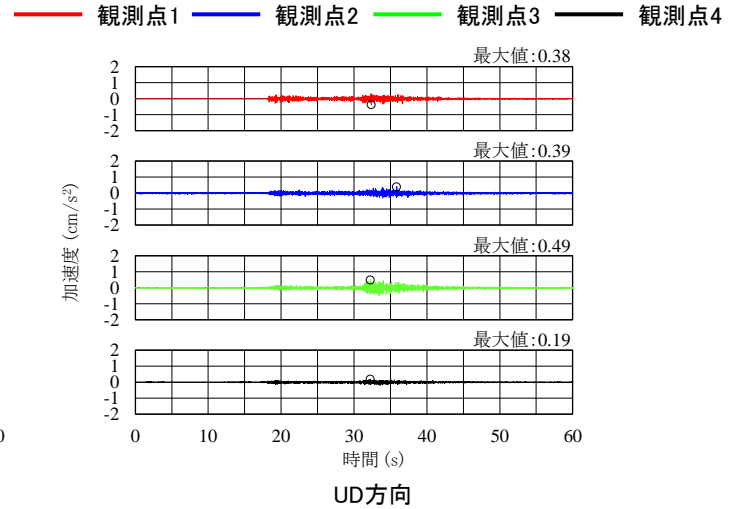
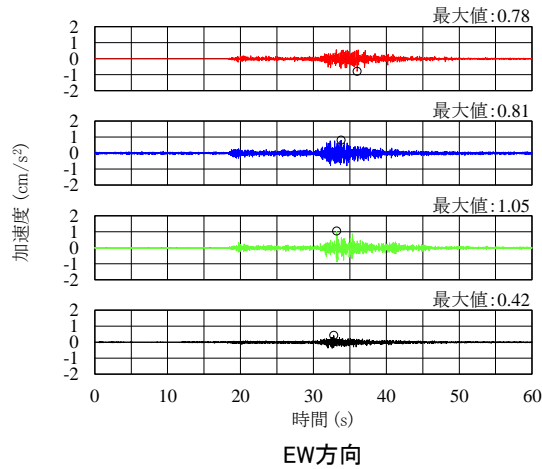
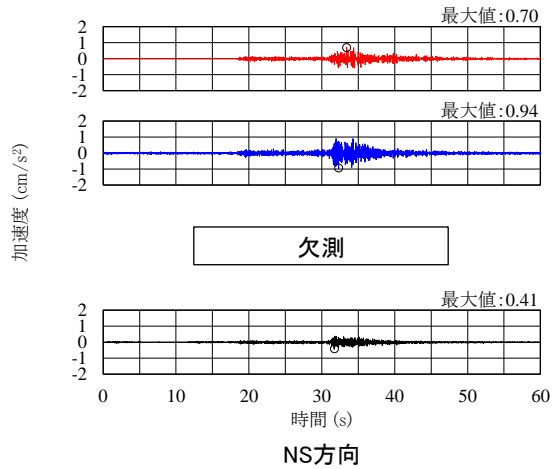


加速度時刻歴波形

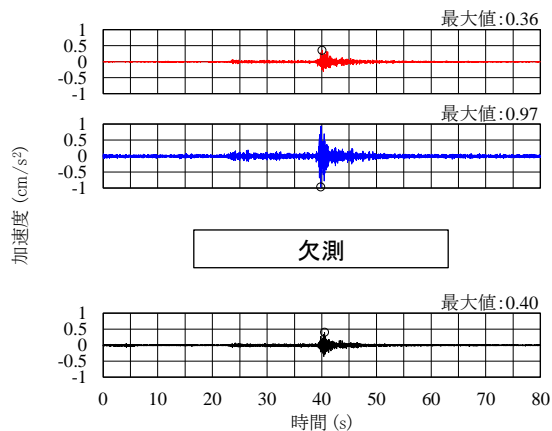


擬似速度応答スペクトル

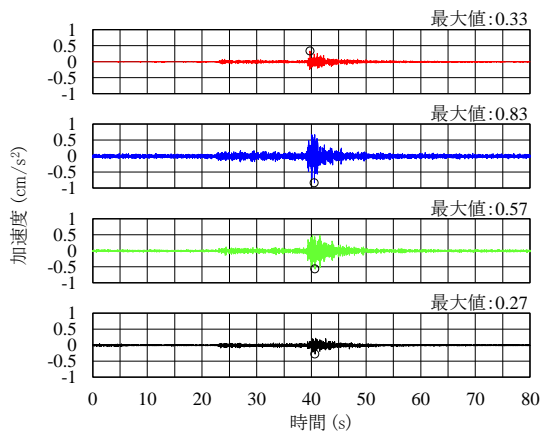
No.10



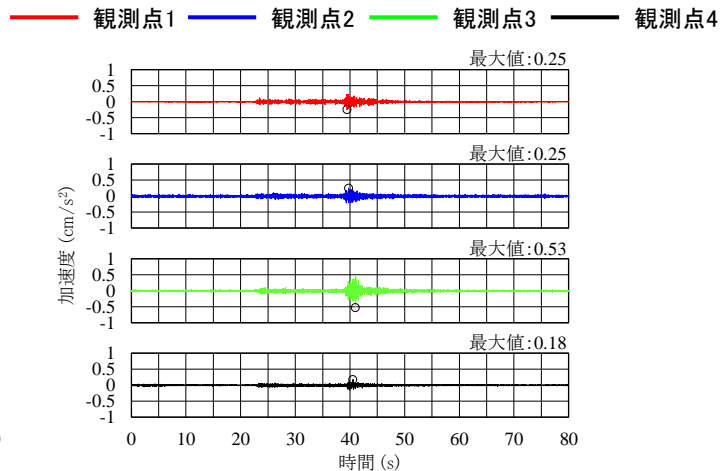
No.11



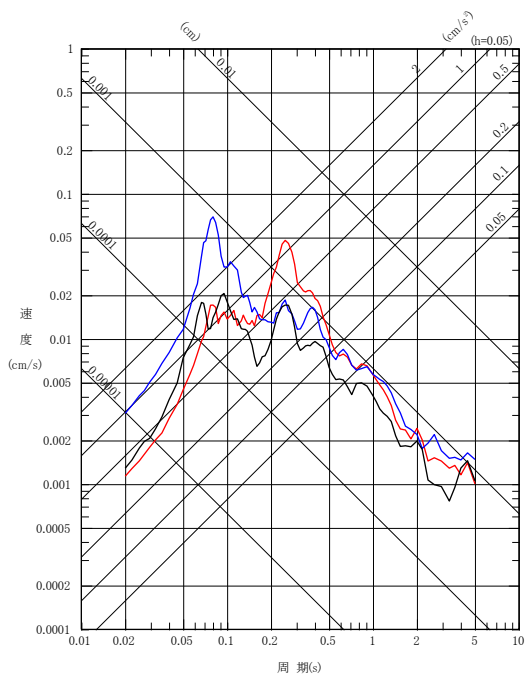
NS方向



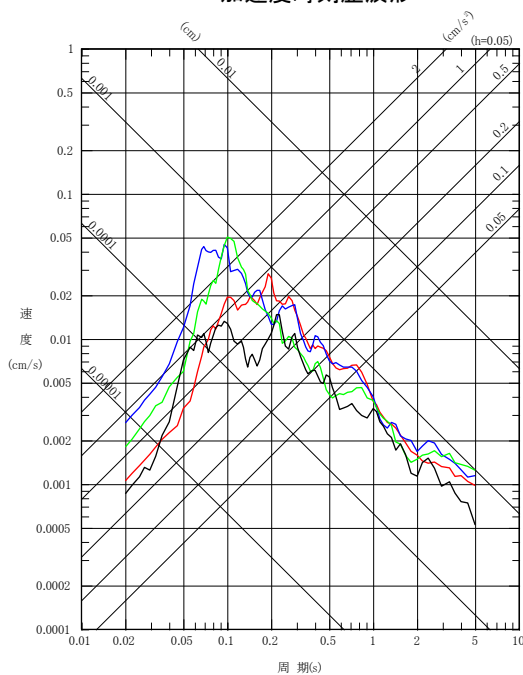
EW方向
加速度時刻歴波形



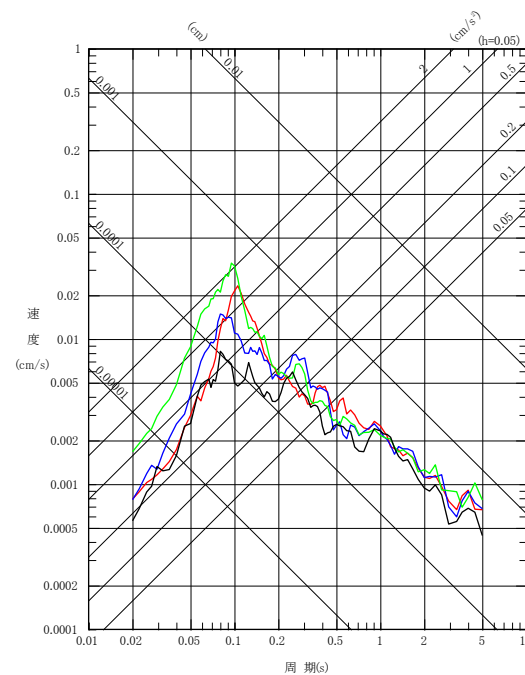
UD方向



NS方向

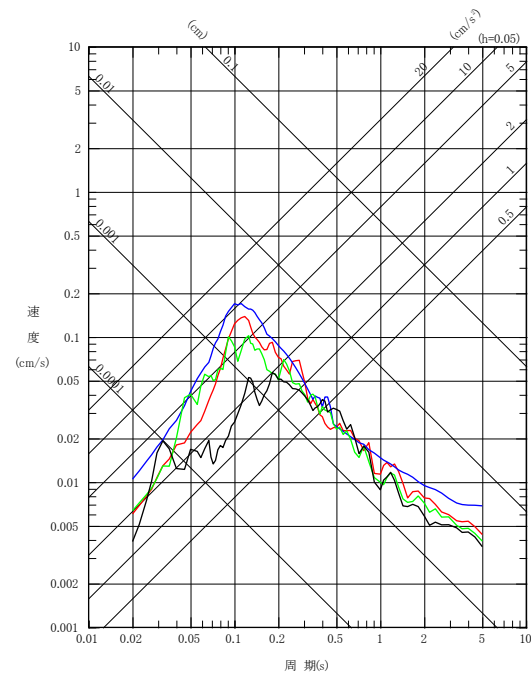
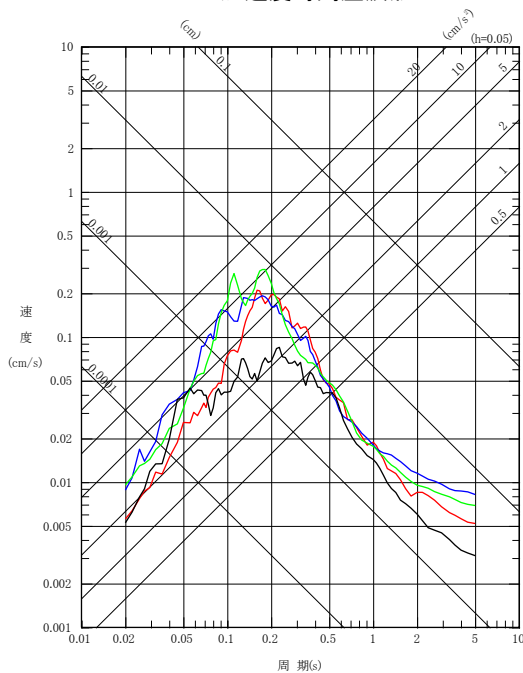
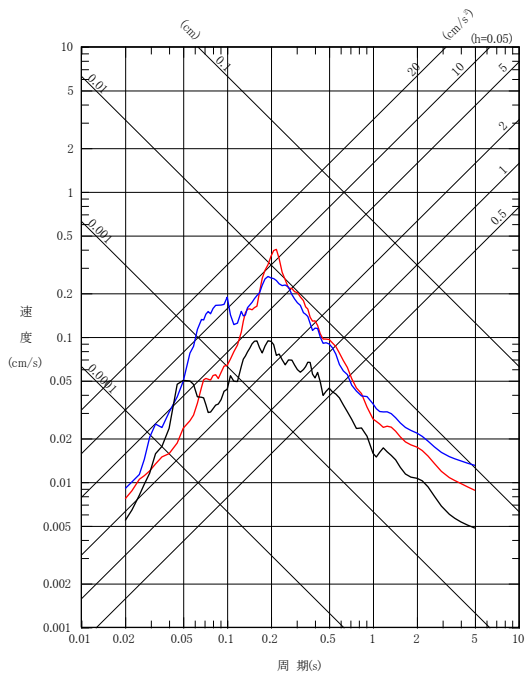
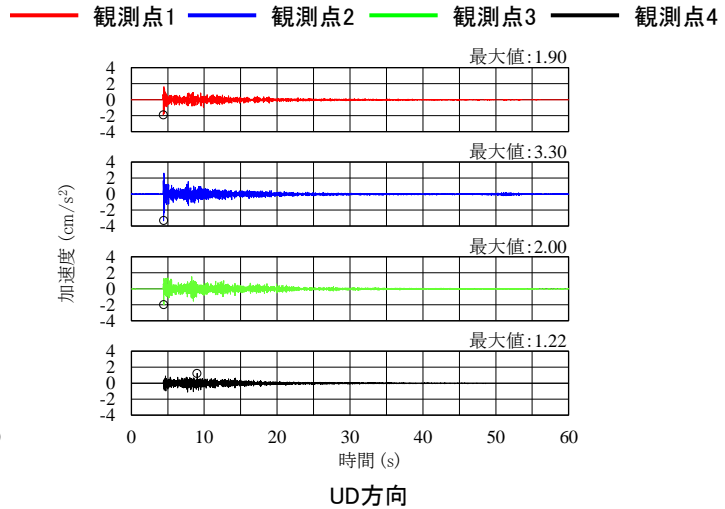
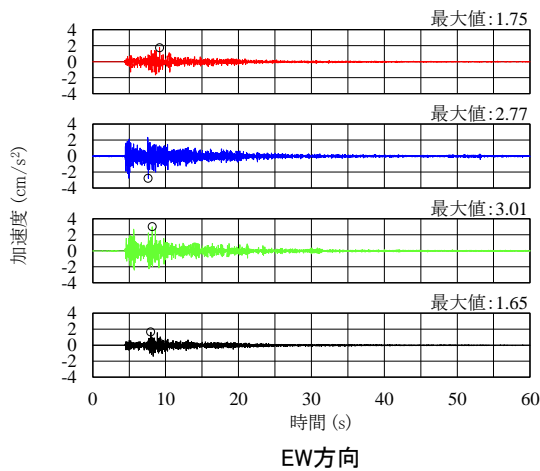
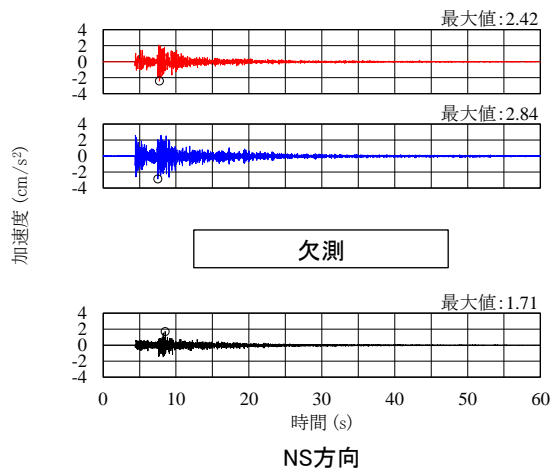


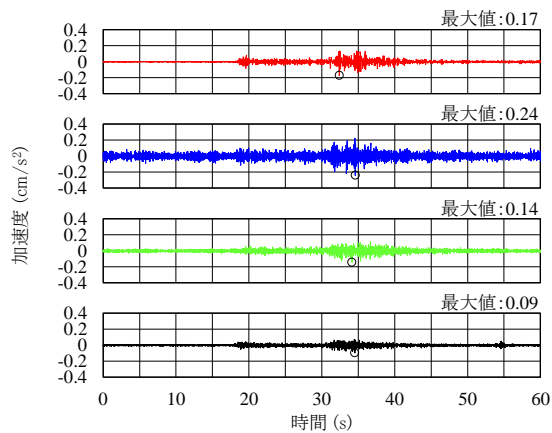
EW方向
擬似速度応答スペクトル



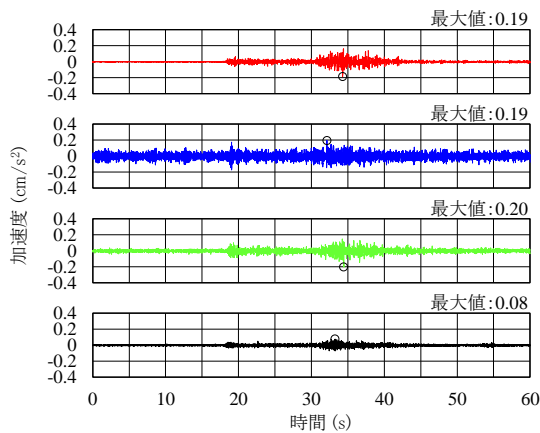
UD方向

No.12



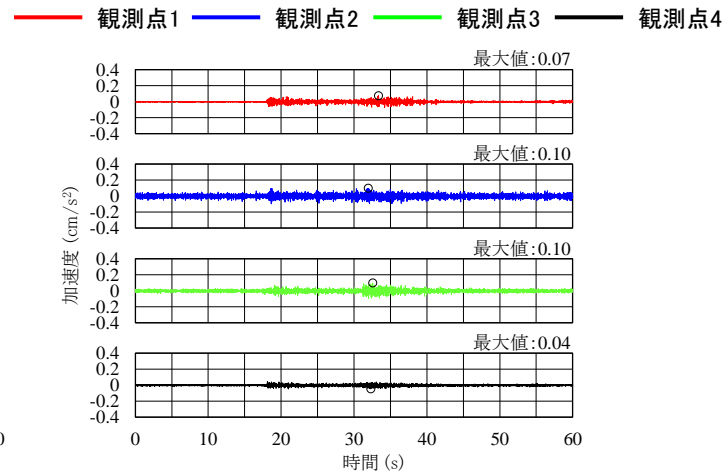


NS方向

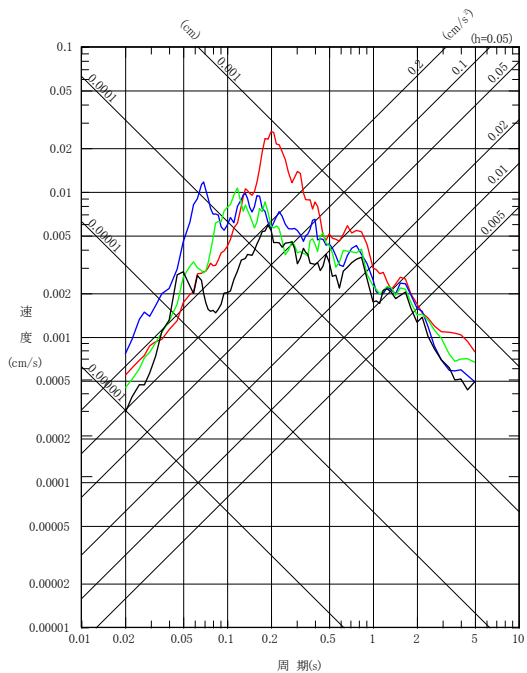


EW方向

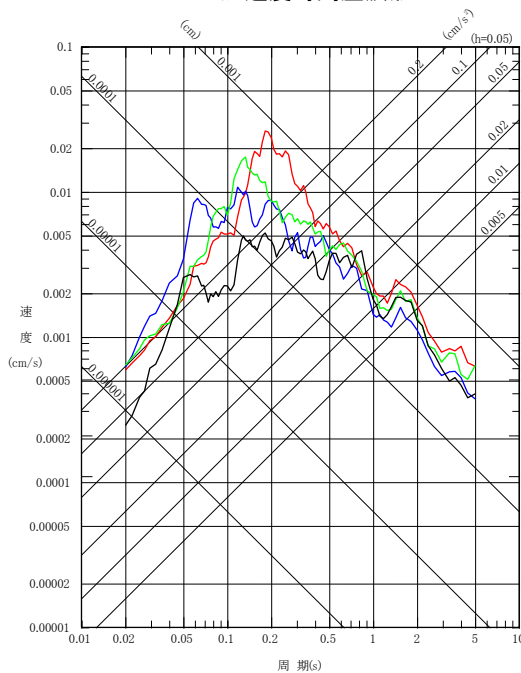
加速度時刻歴波形



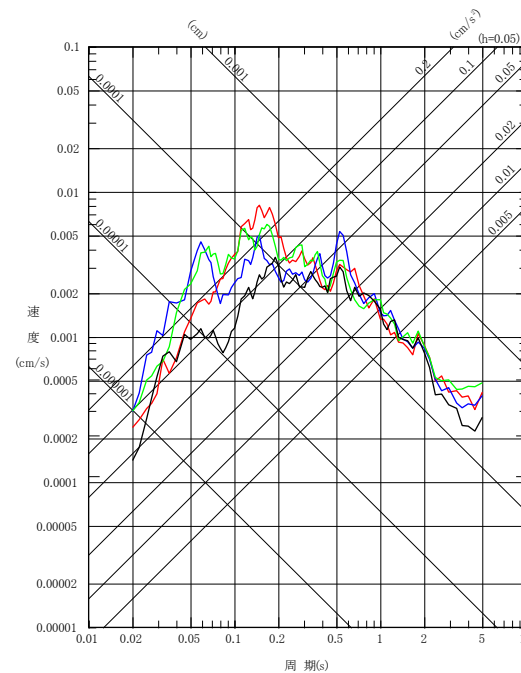
UD方向



NS方向

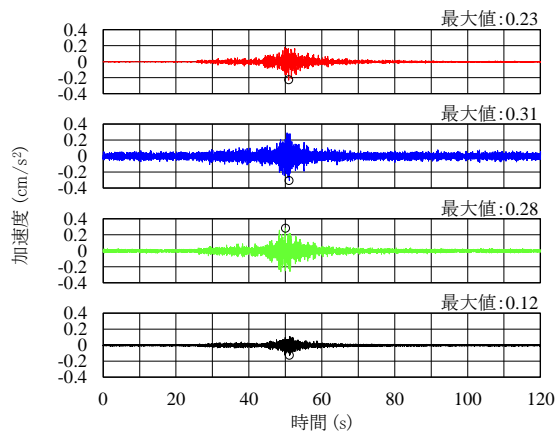


EW方向
擬似速度応答スペクトル

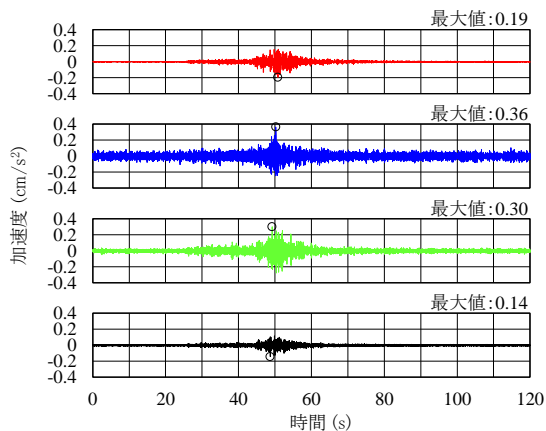


UD方向

No.14

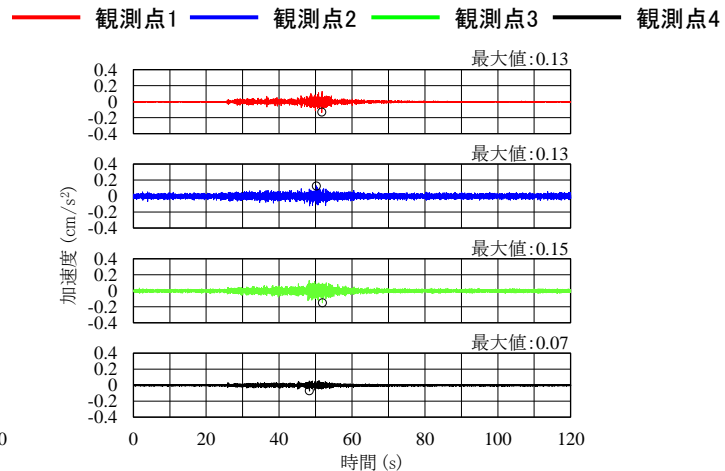


NS方向

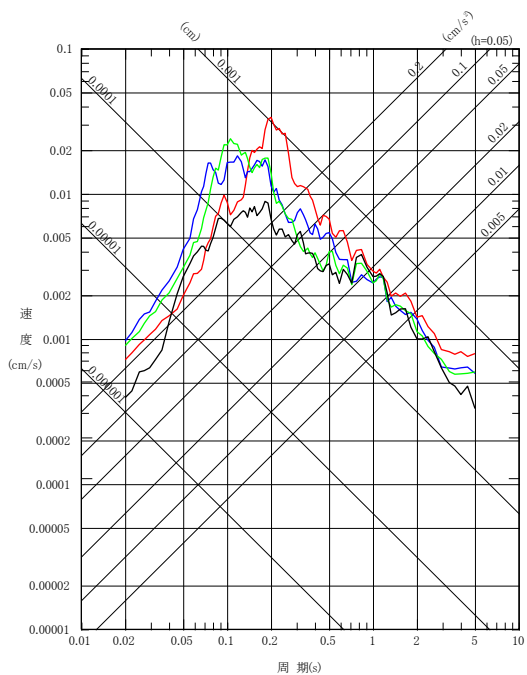


EW方向

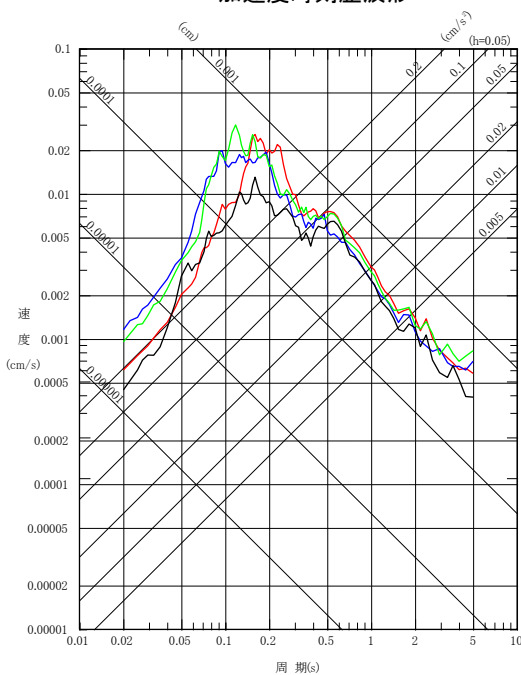
加速度時刻歴波形



UD方向

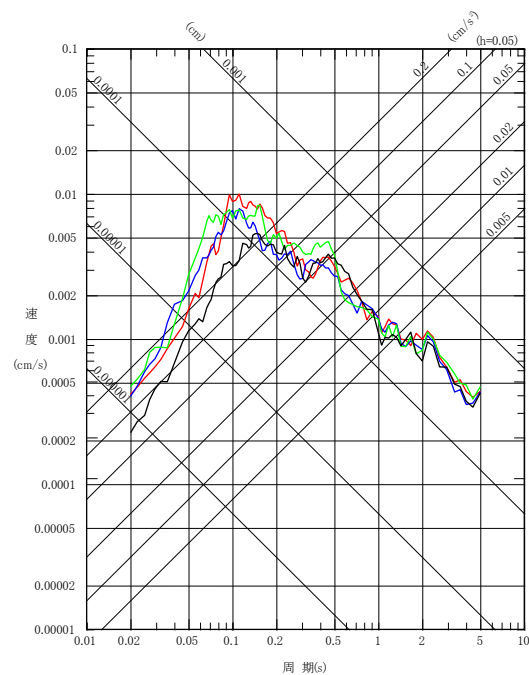


NS方向



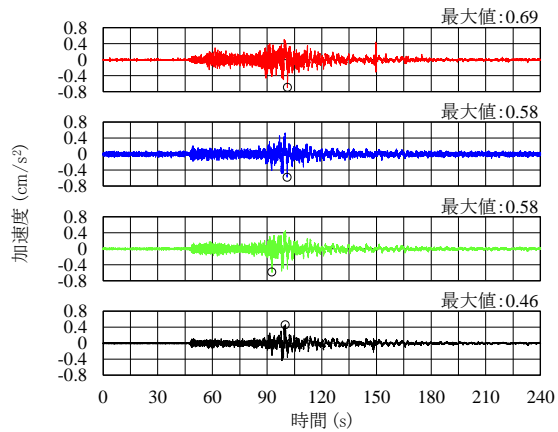
EW方向

擬似速度応答スペクトル

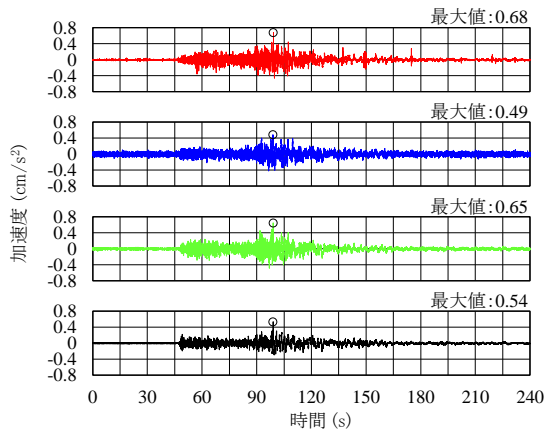


UD方向

No.15

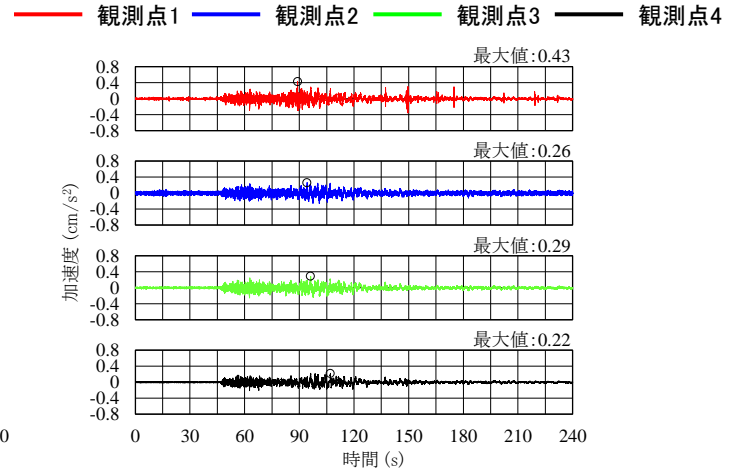


NS方向

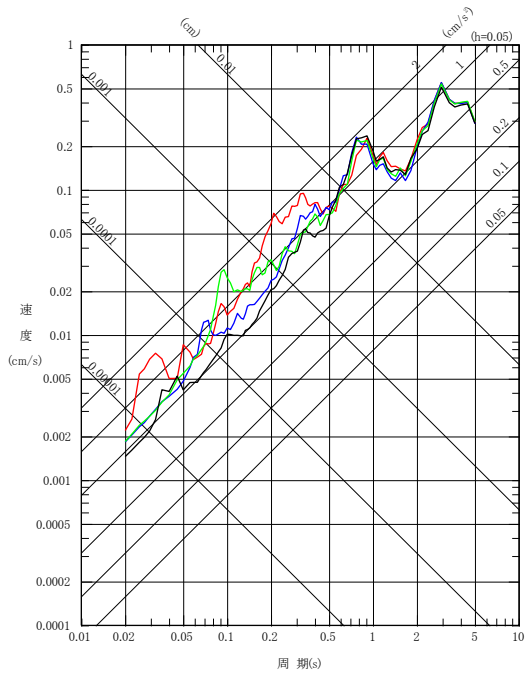


EW方向

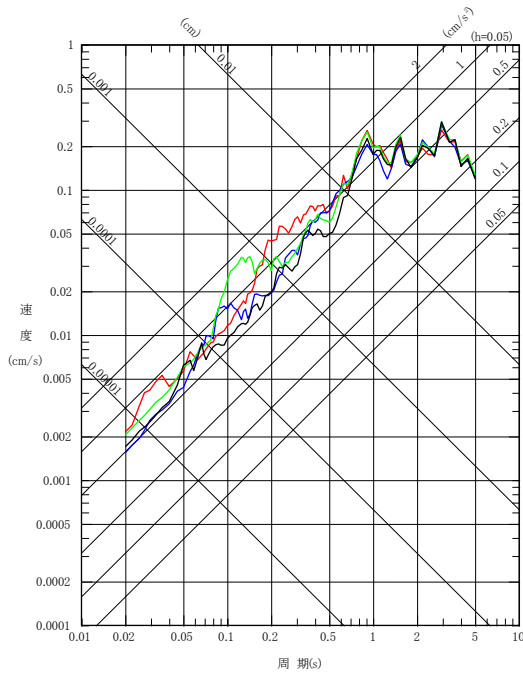
加速度時刻歴波形



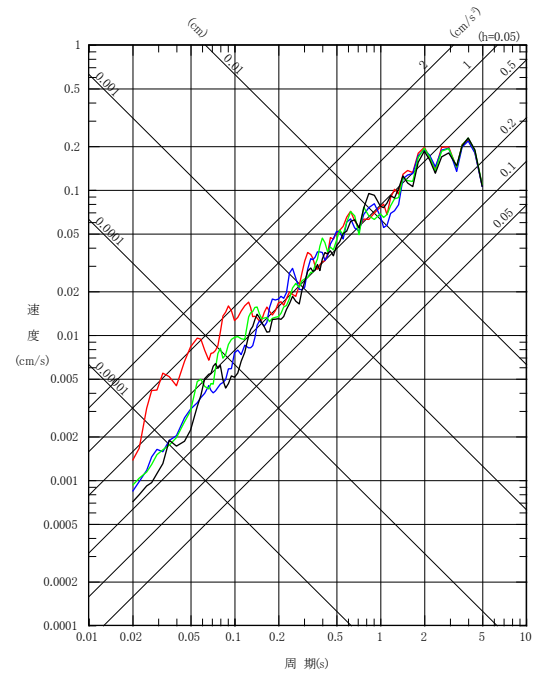
UD方向



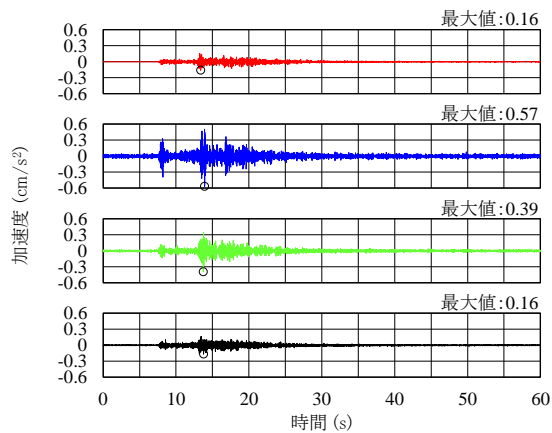
NS方向



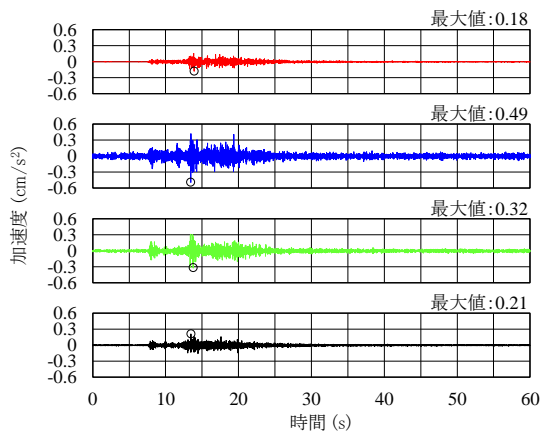
EW方向
擬似速度応答スペクトル



UD方向

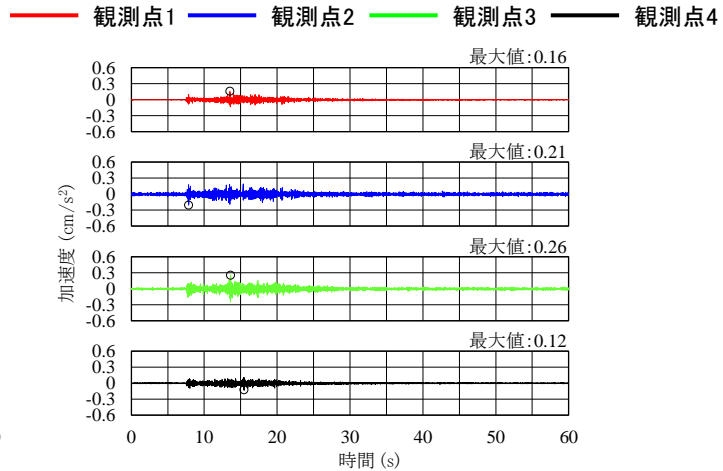


NS方向

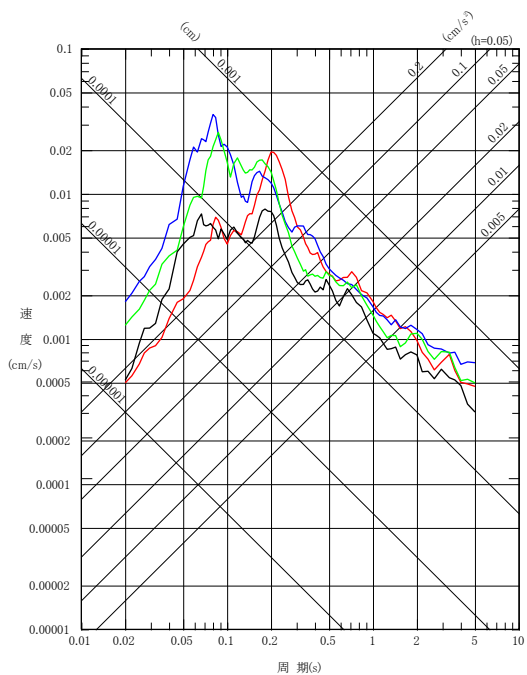


EW方向

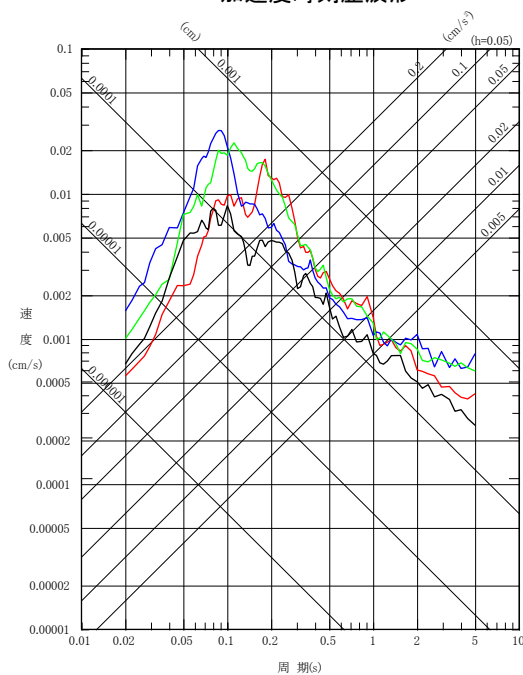
加速度時刻歴波形



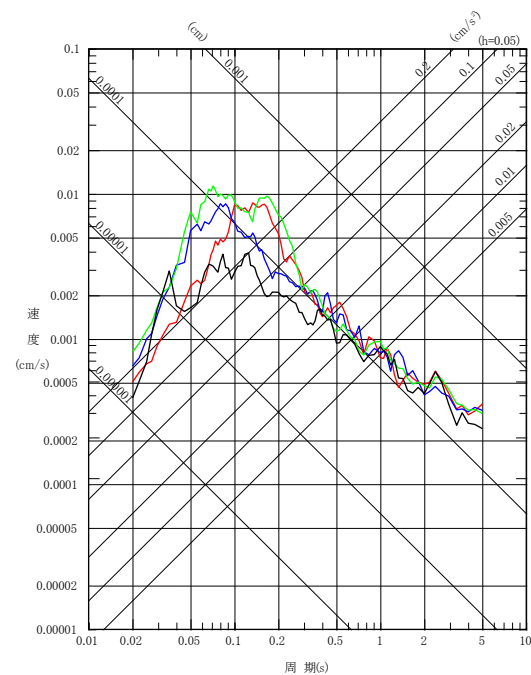
UD方向



NS方向

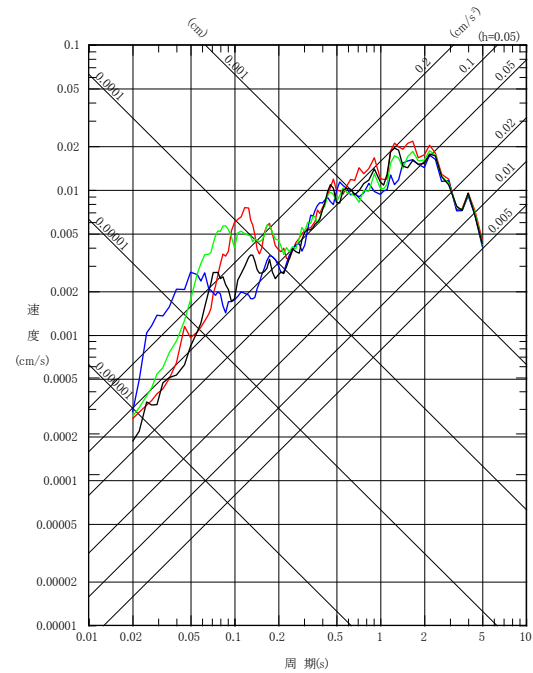
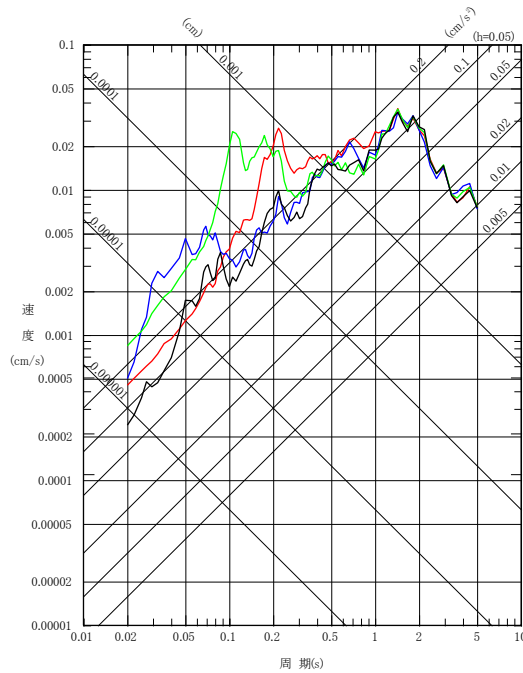
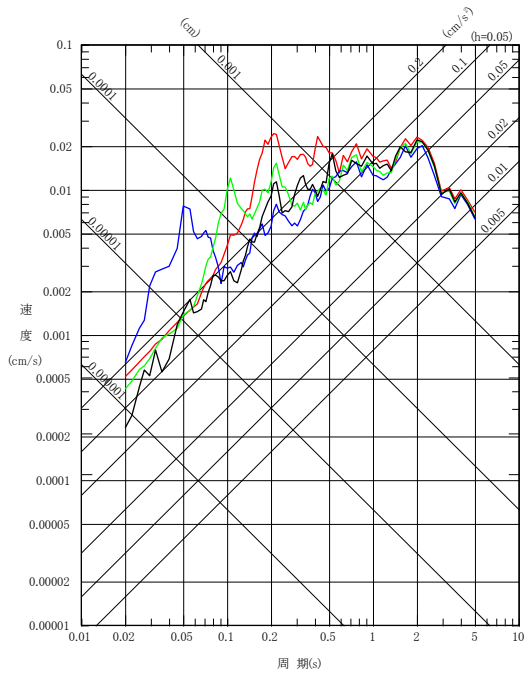
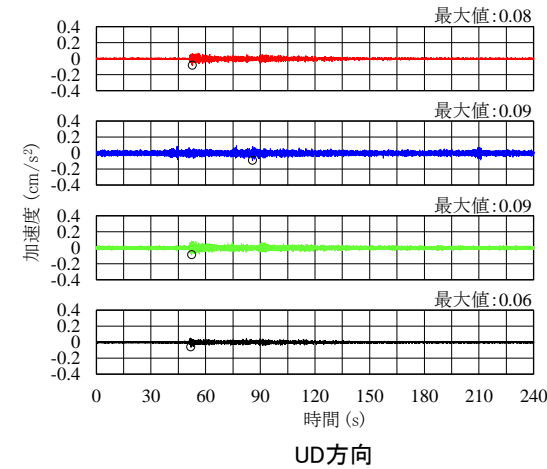
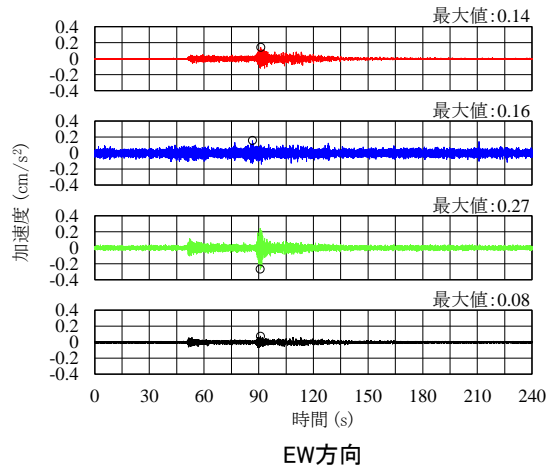
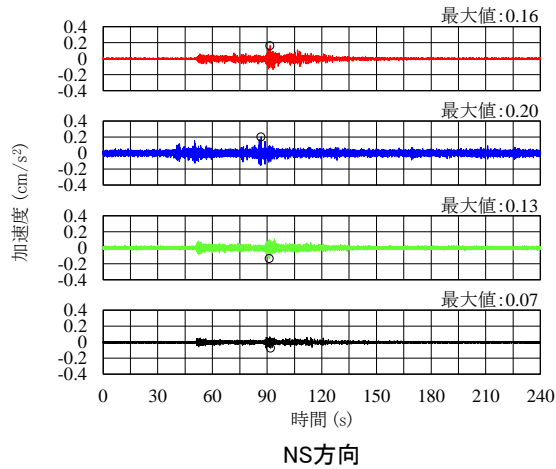


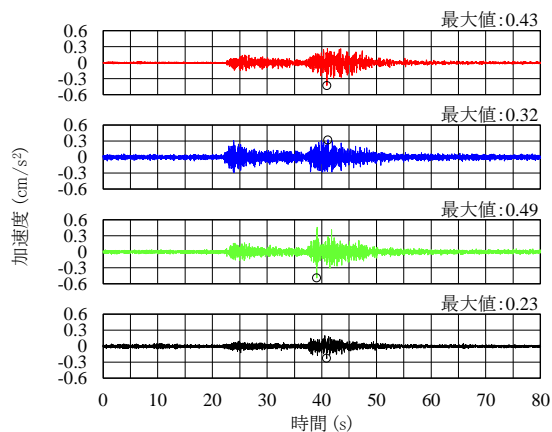
EW方向
擬似速度応答スペクトル



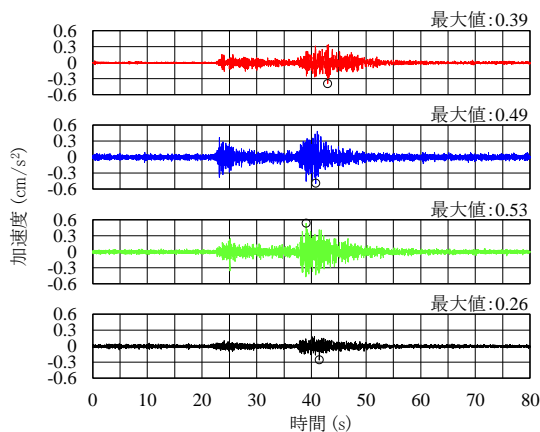
UD方向

No.17

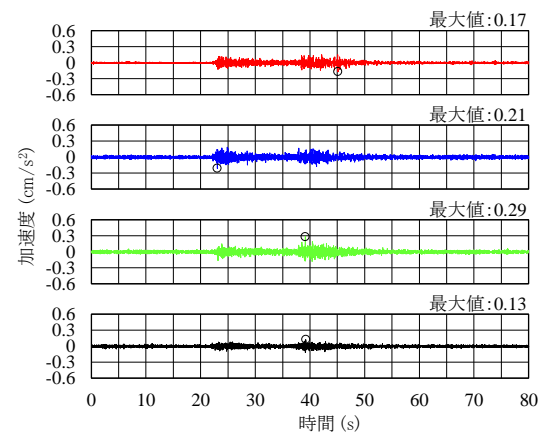




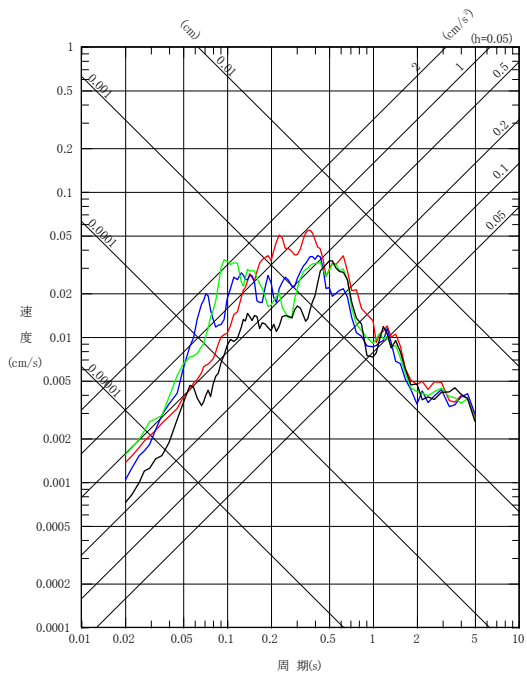
NS方向



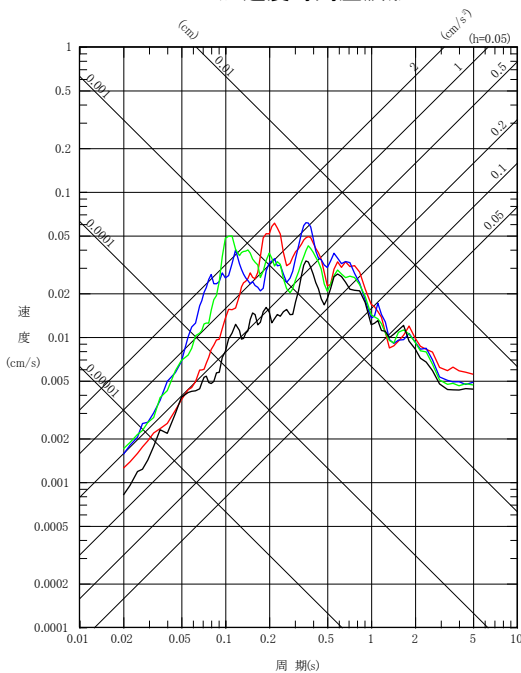
EW方向
加速度時刻歴波形



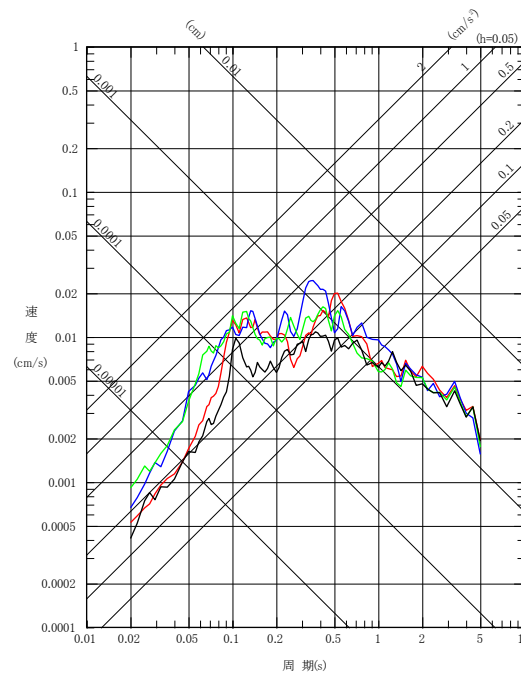
UD方向



NS方向



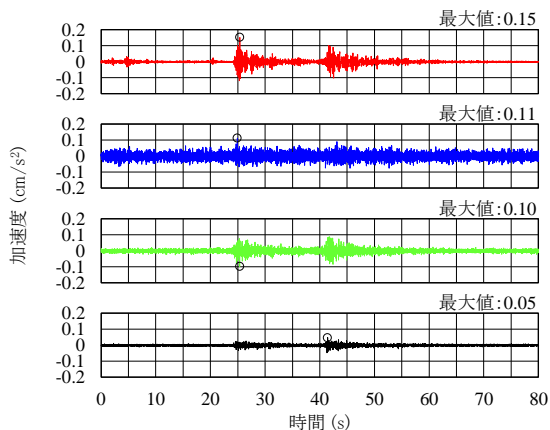
EW方向
擬似速度応答スペクトル



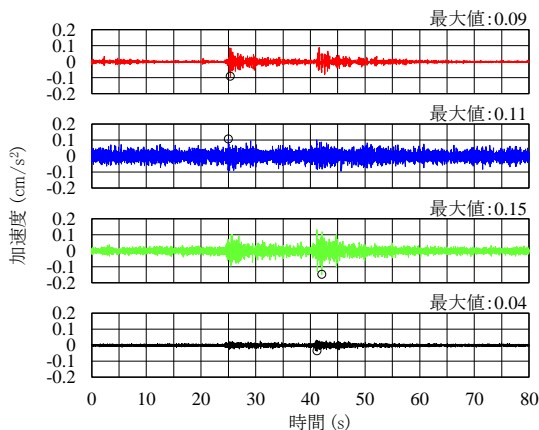
UD方向

— 観測点1 — 観測点2 — 観測点3 — 観測点4

No.19

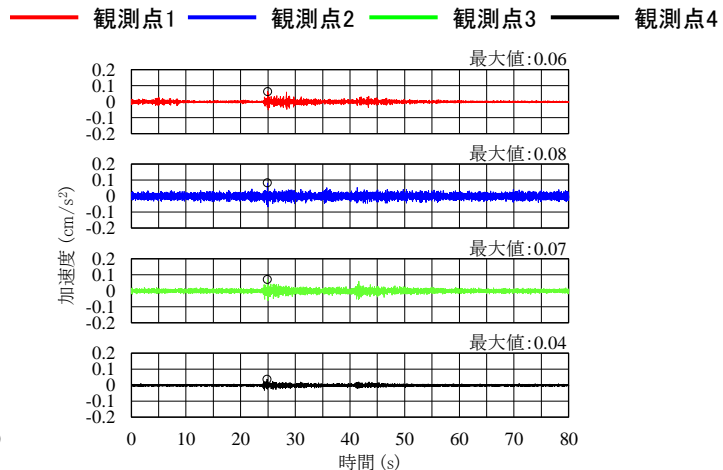


NS方向

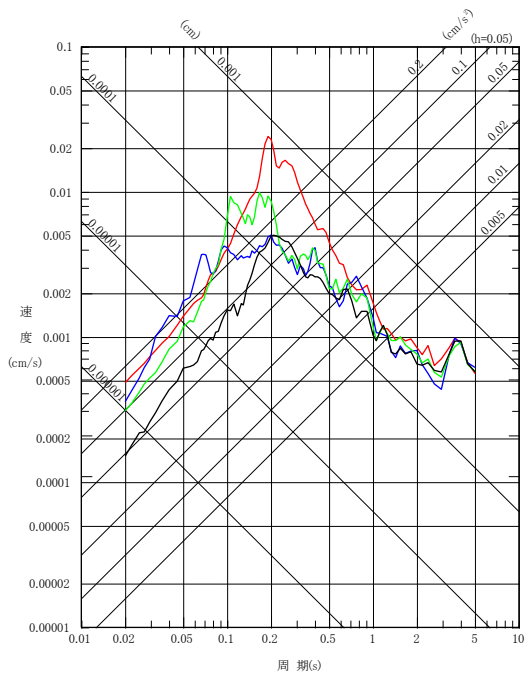


EW方向

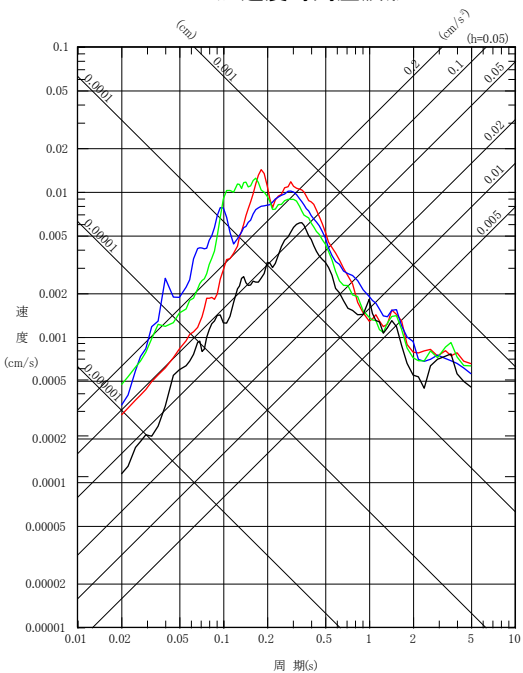
加速度時刻歴波形



UD方向

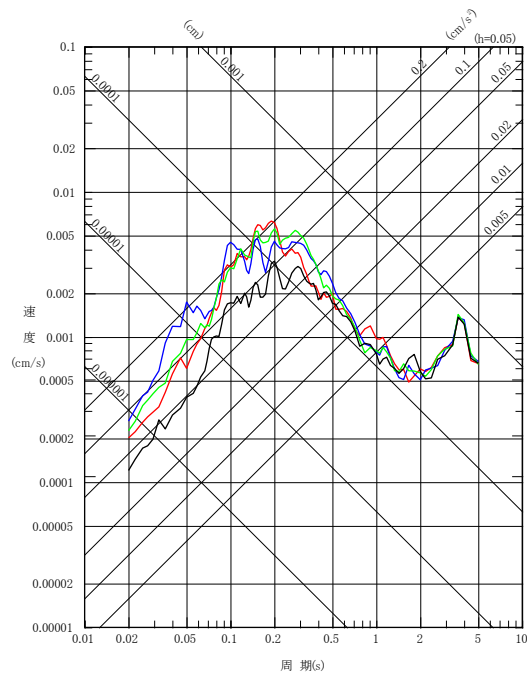


NS方向



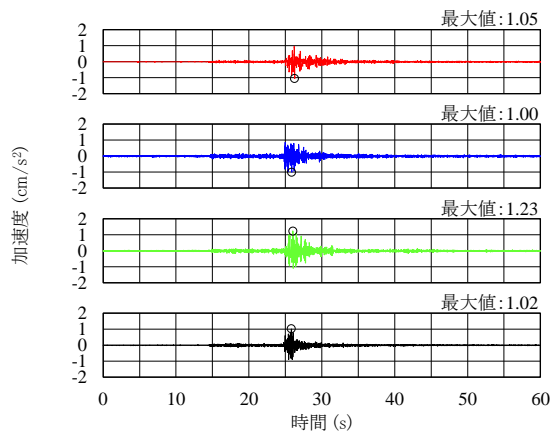
EW方向

擬似速度応答スペクトル

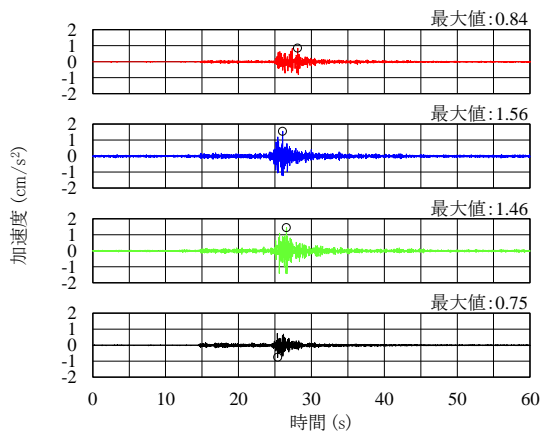


UD方向

No.20

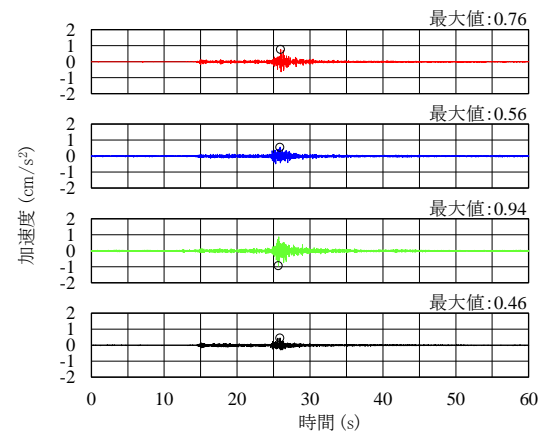


NS方向

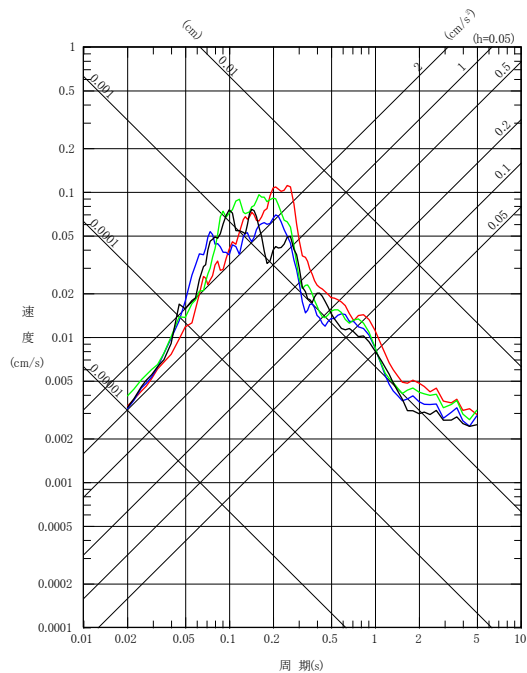


EW方向

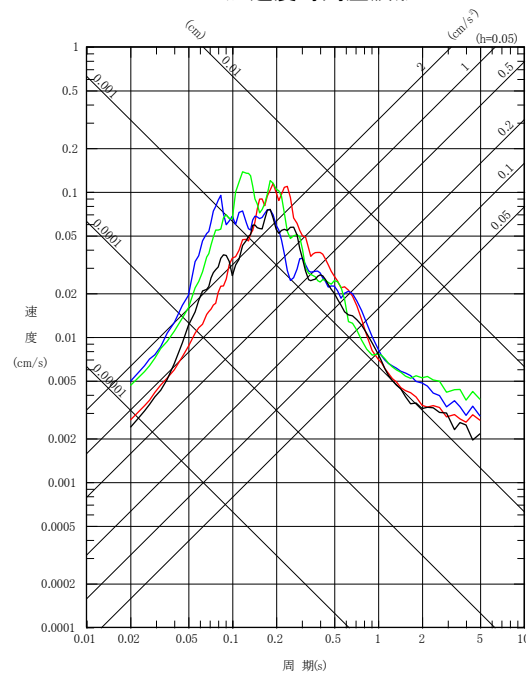
加速度時刻歴波形



UD方向

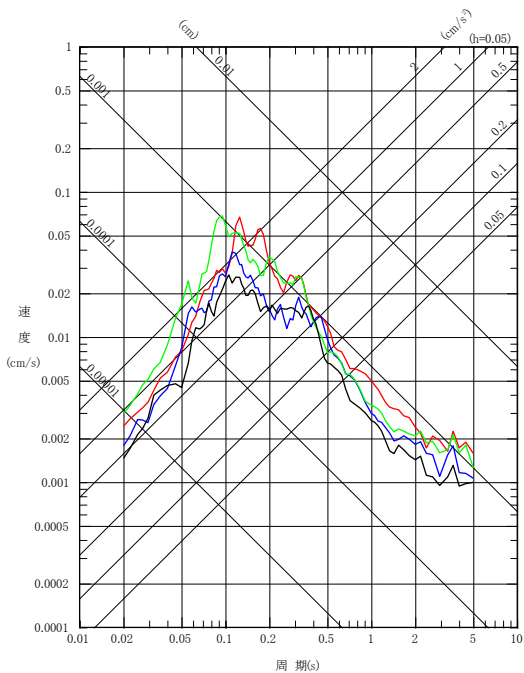


NS方向



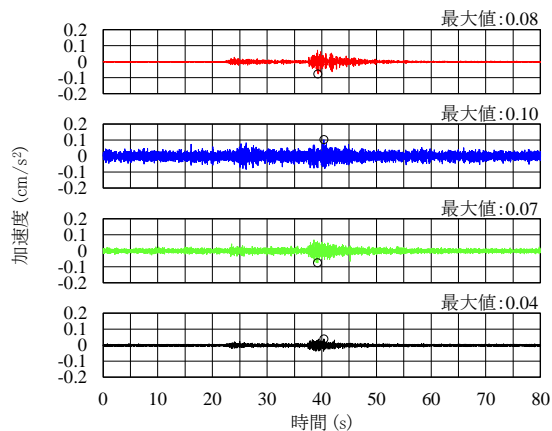
EW方向

擬似速度応答スペクトル

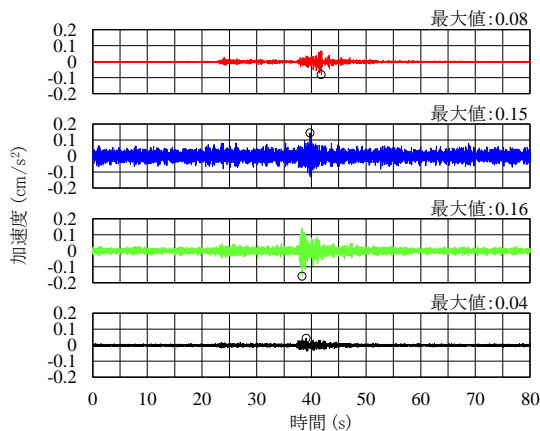


UD方向

No.21

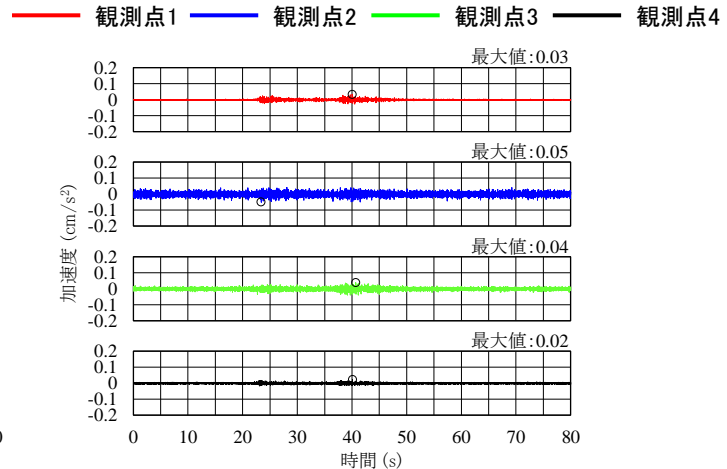


NS方向

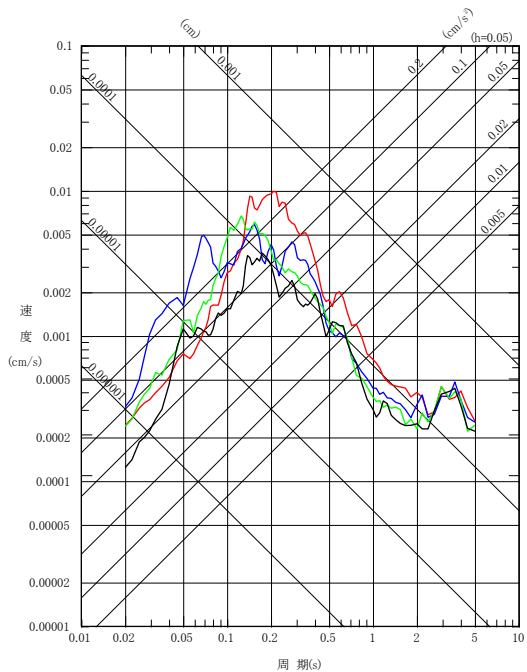


EW方向

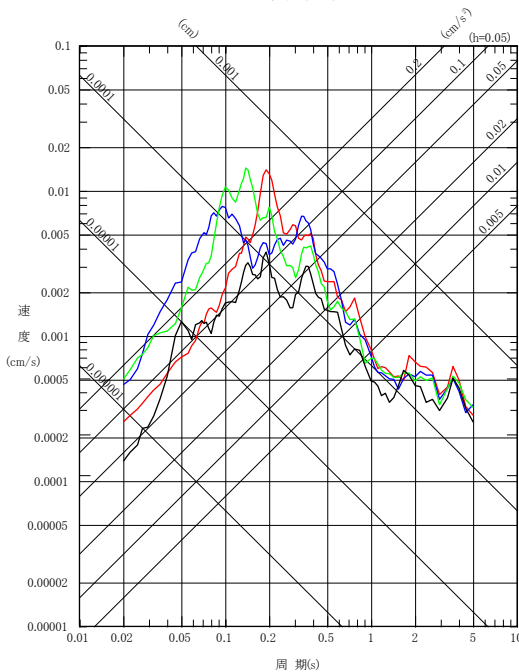
加速度時刻歴波形



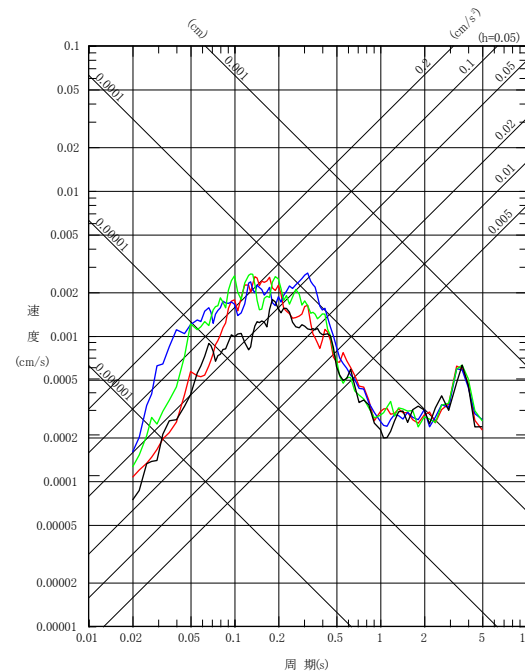
UD方向



NS方向

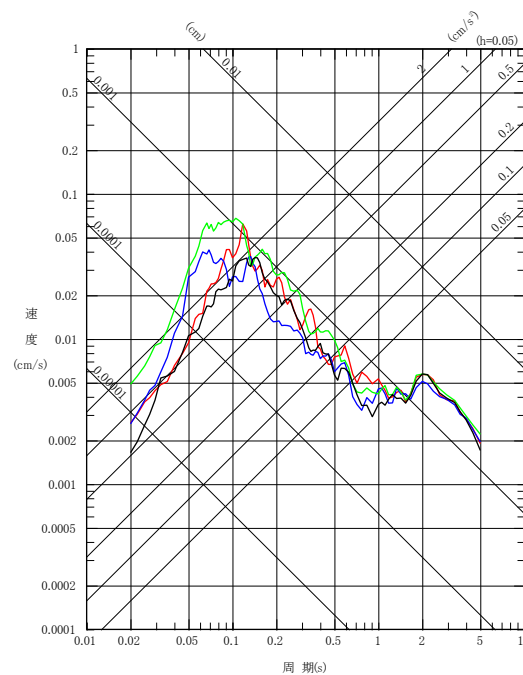
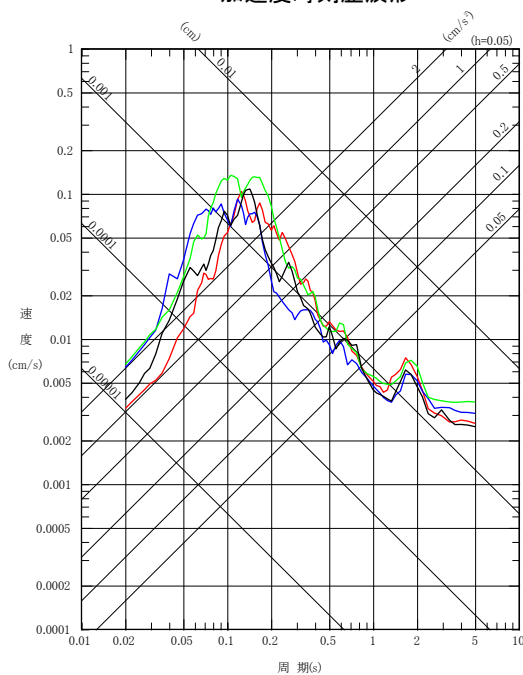
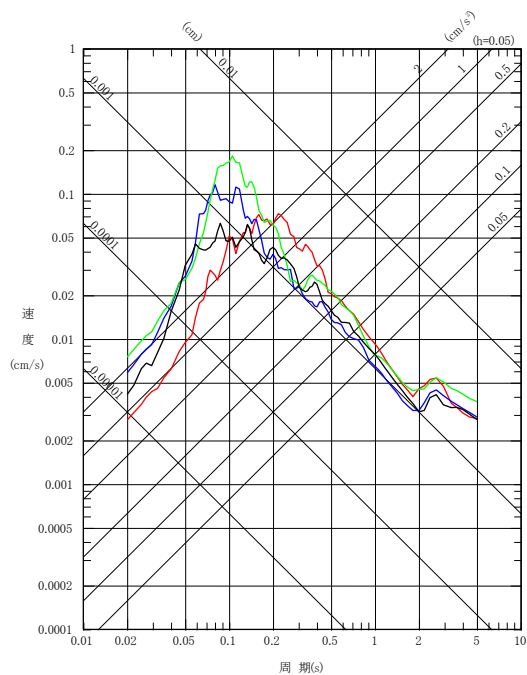
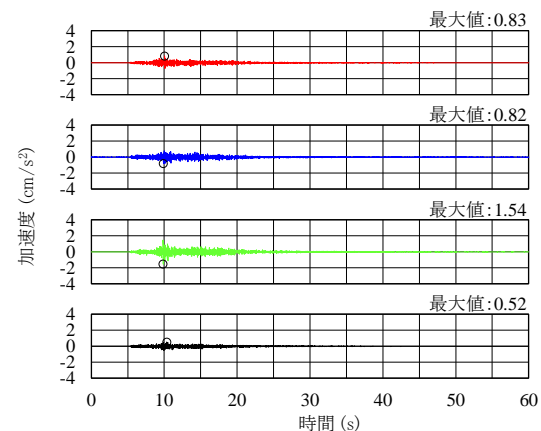
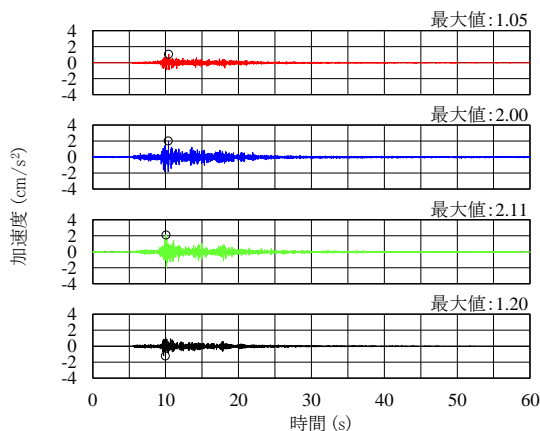
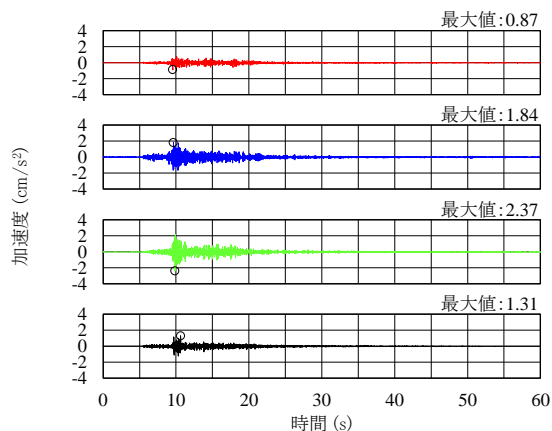


EW方向
擬似速度応答スペクトル

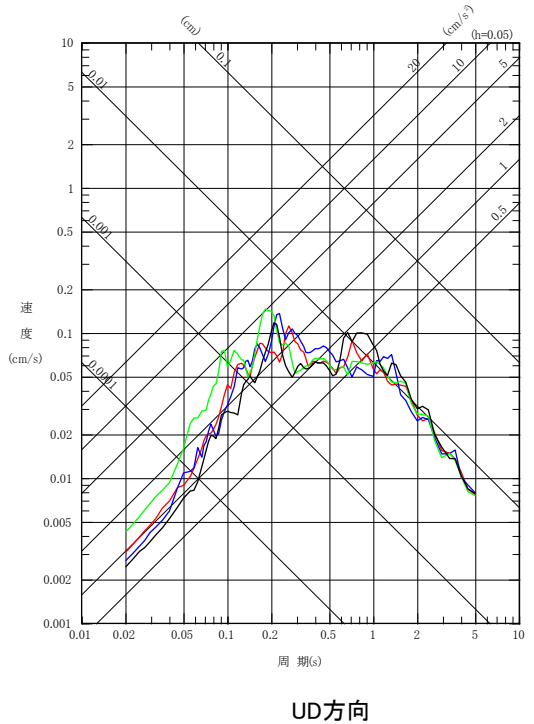
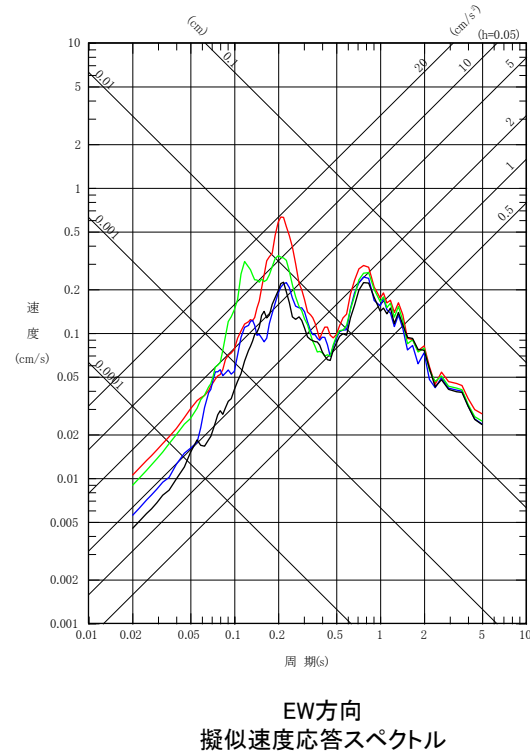
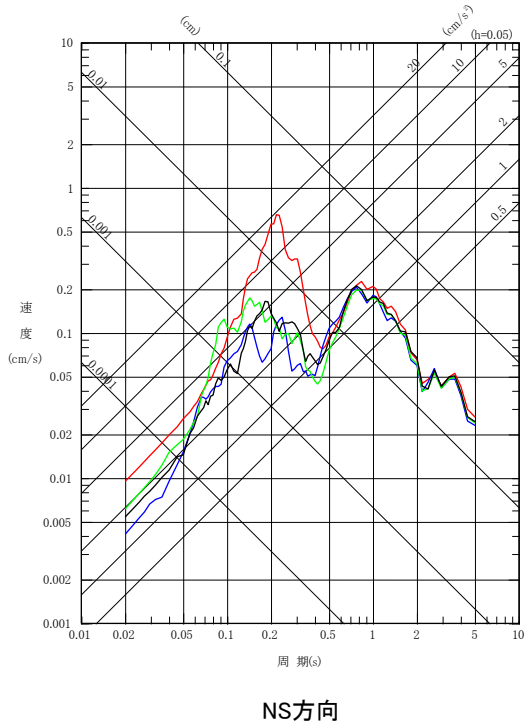
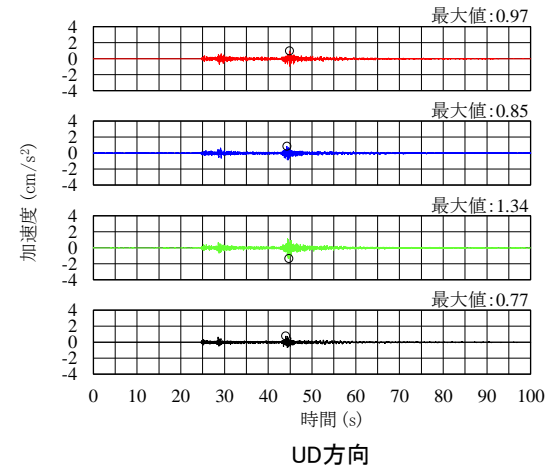
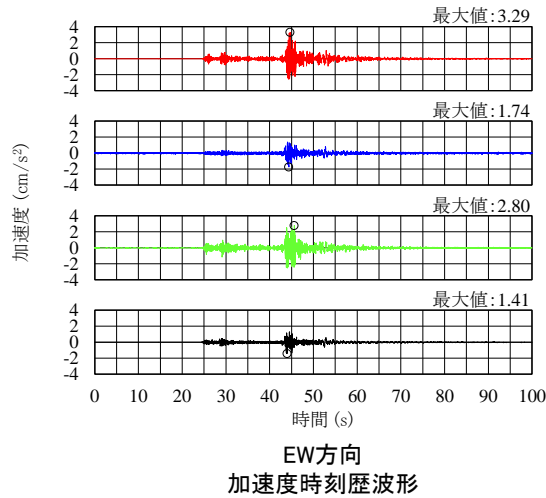
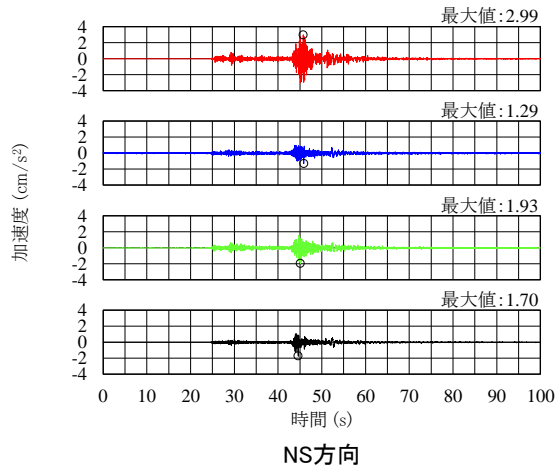


UD方向

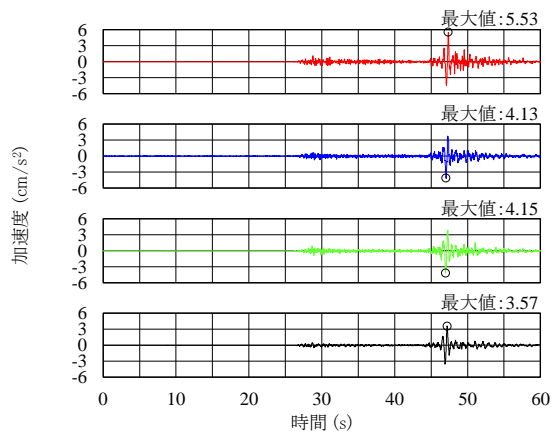
No.22



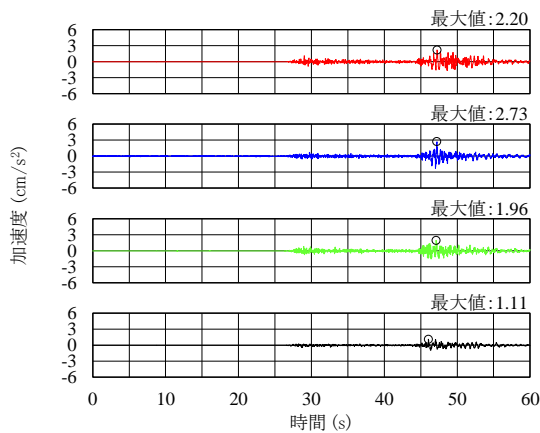
No.23



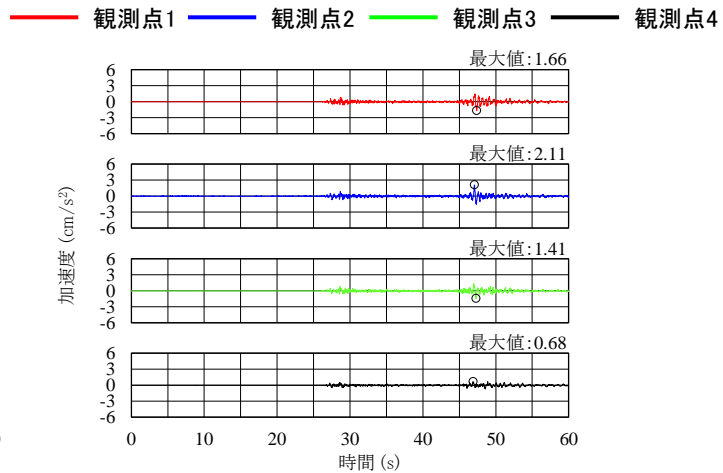
No.24



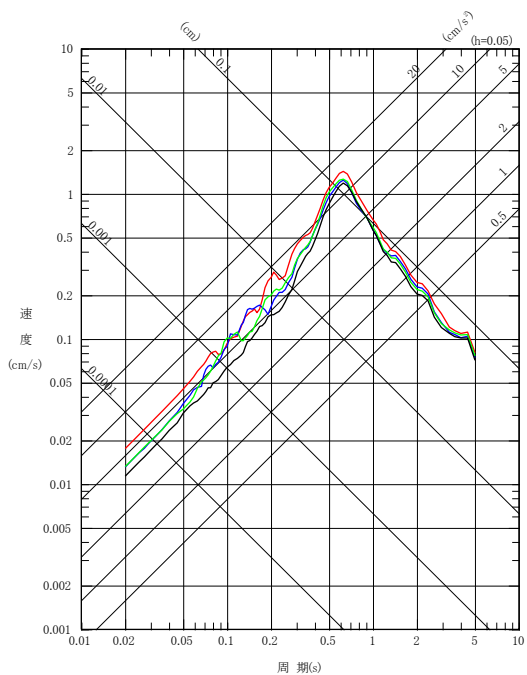
NS方向



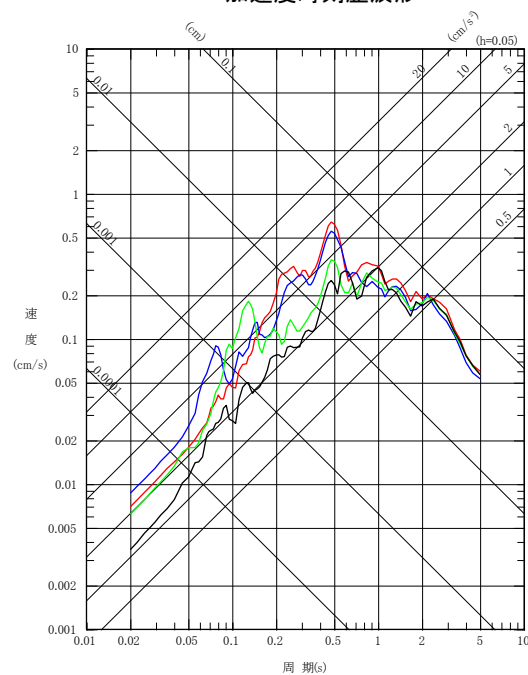
EW方向
加速度時刻歴波形



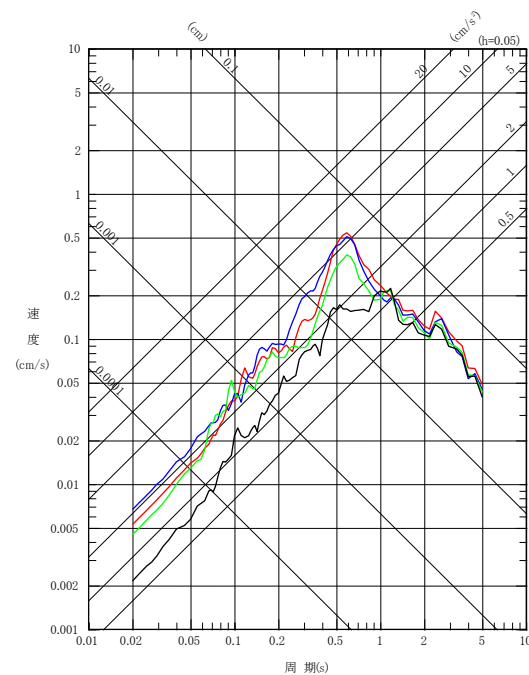
UD方向



NS方向

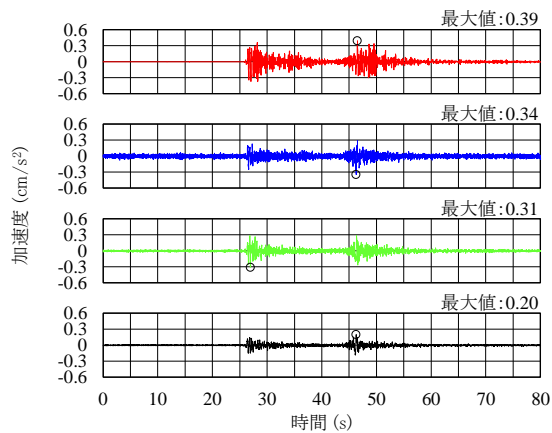


EW方向
擬似速度応答スペクトル

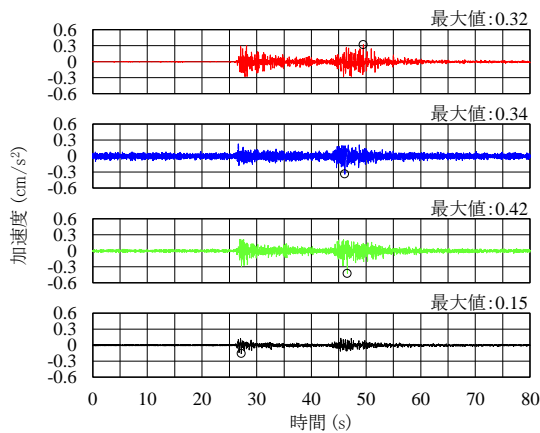


UD方向

No.25

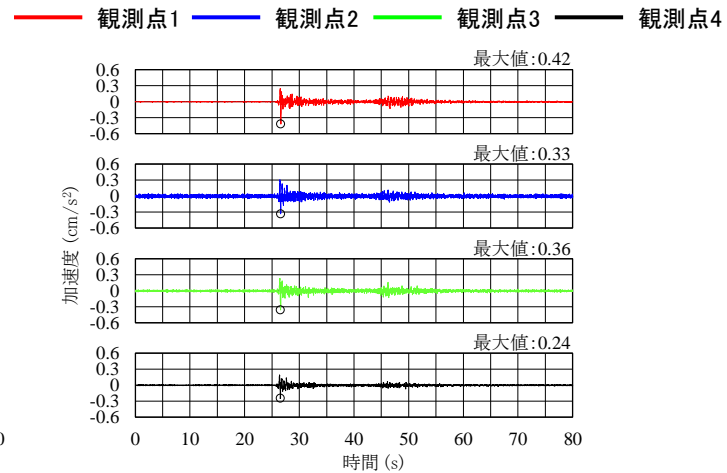


NS方向

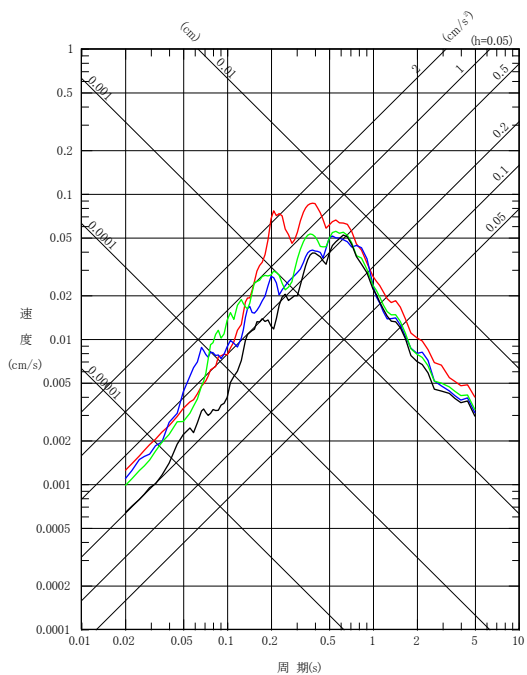


EW方向

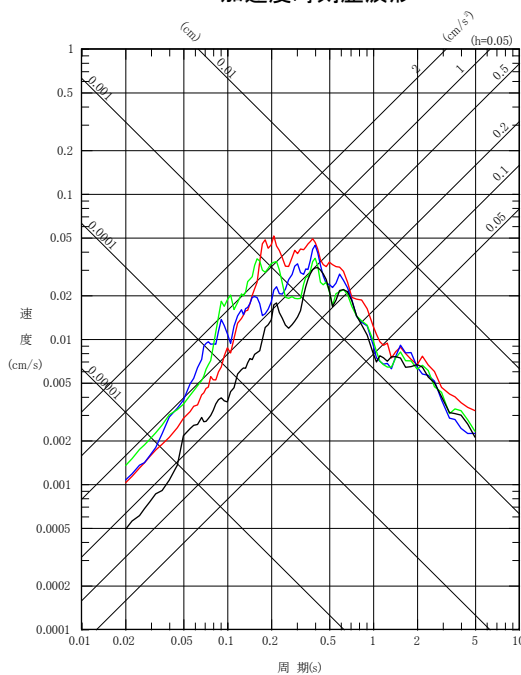
加速度時刻歴波形



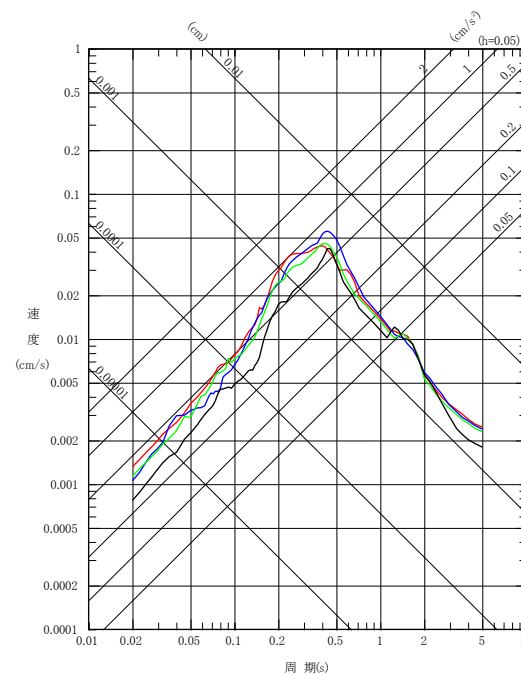
UD方向



NS方向

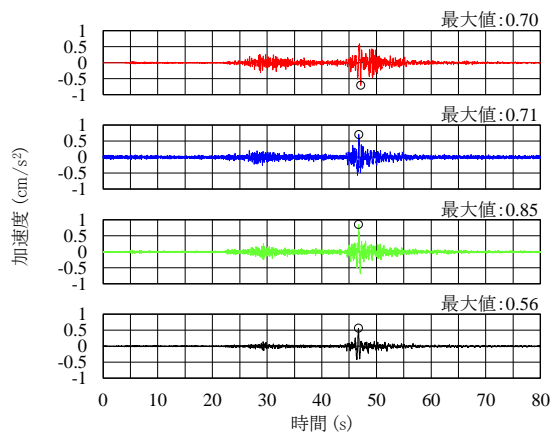


EW方向
擬似速度応答スペクトル

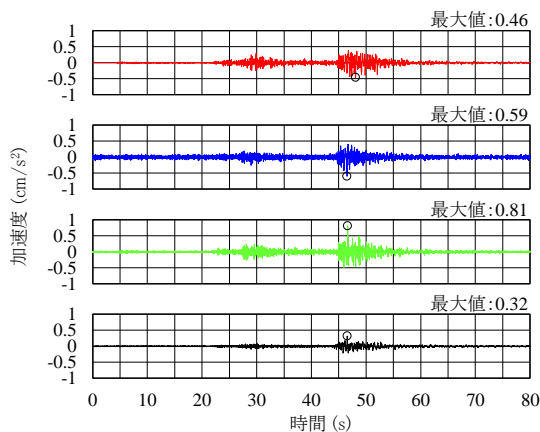


UD方向

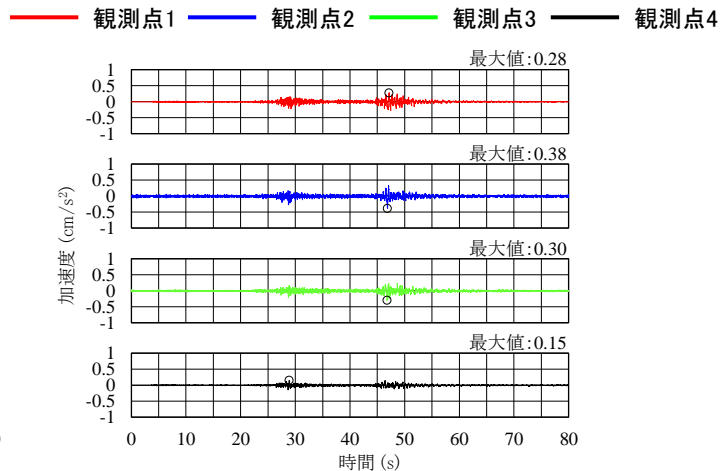
No.26



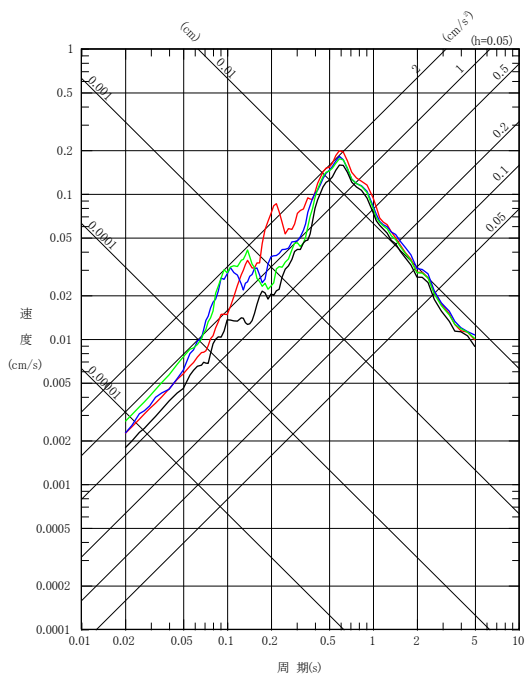
NS方向



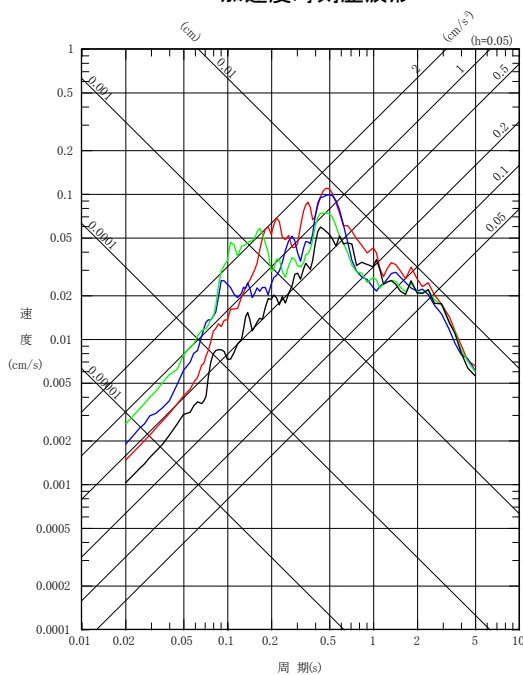
EW方向
加速度時刻歴波形



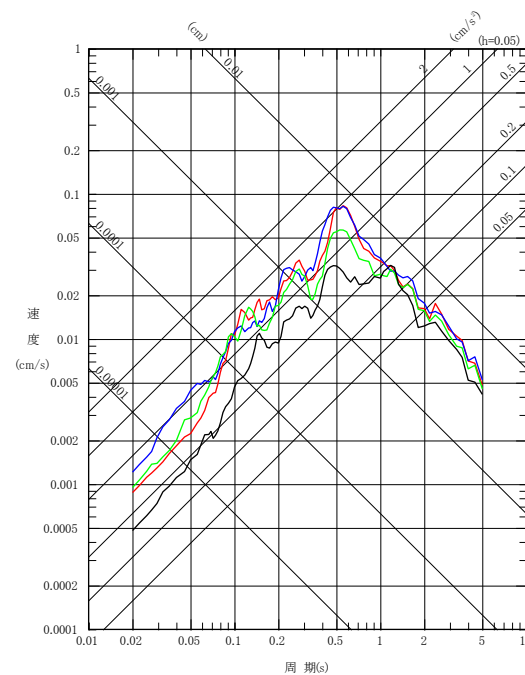
UD方向



NS方向

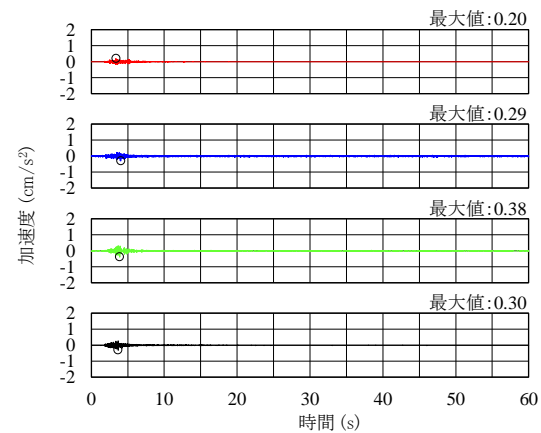
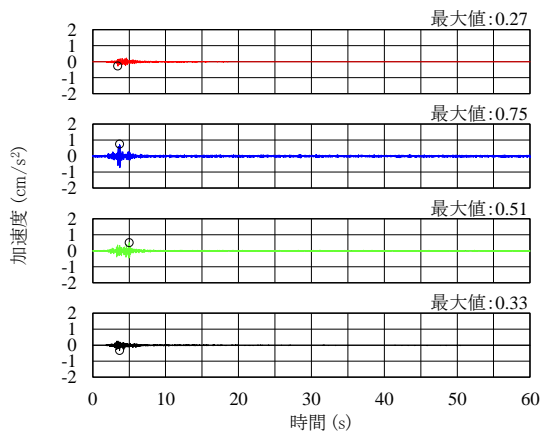
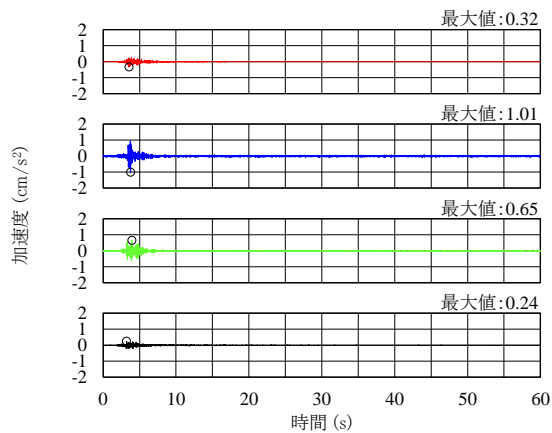


EW方向
擬似速度応答スペクトル

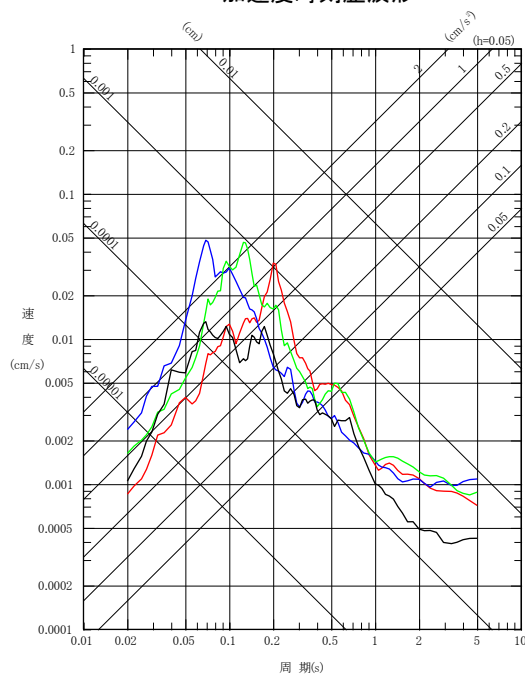
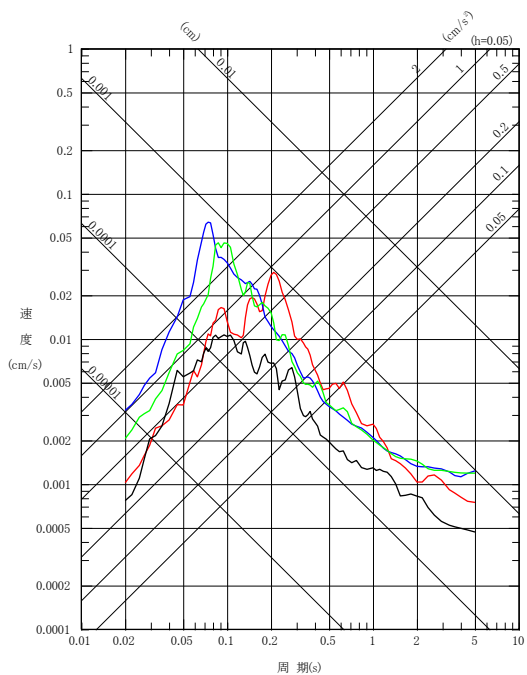


UD方向

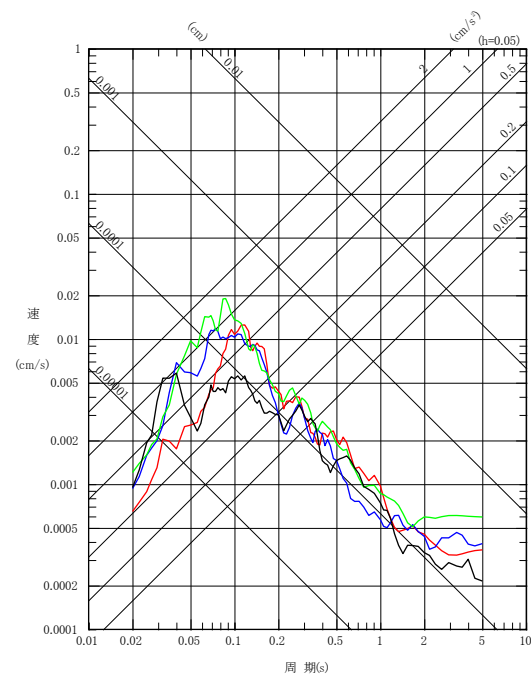
No.27



加速度時刻歴波形

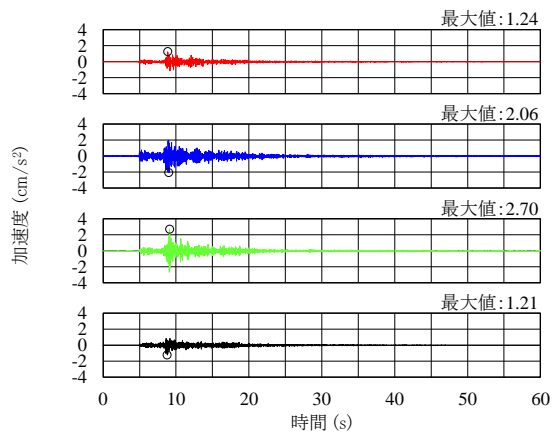


擬似速度応答スペクトル

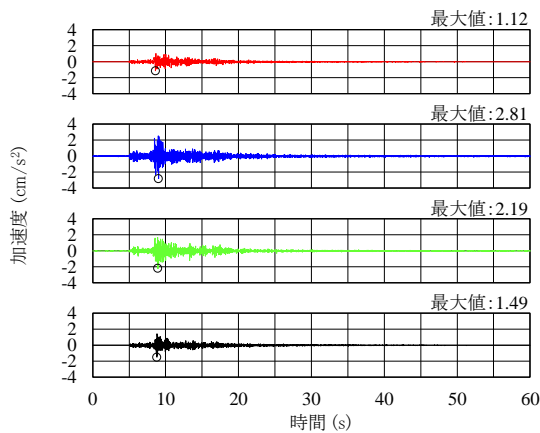


UD方向

No.28

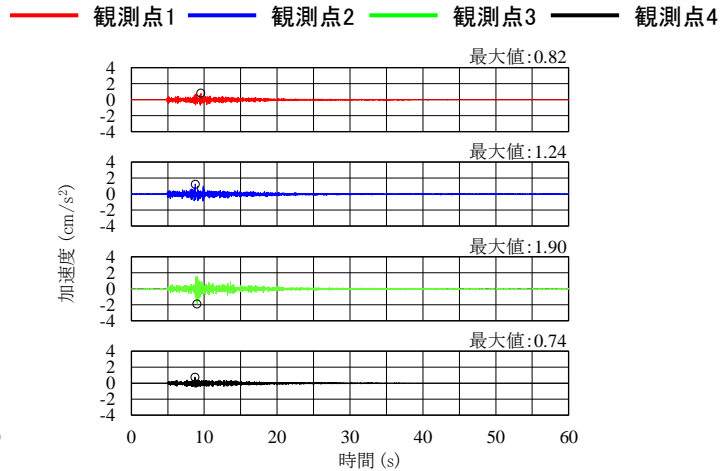


NS方向

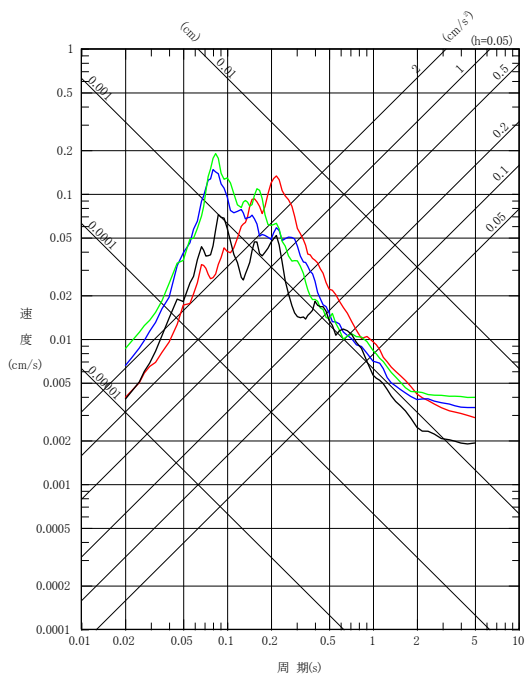


EW方向

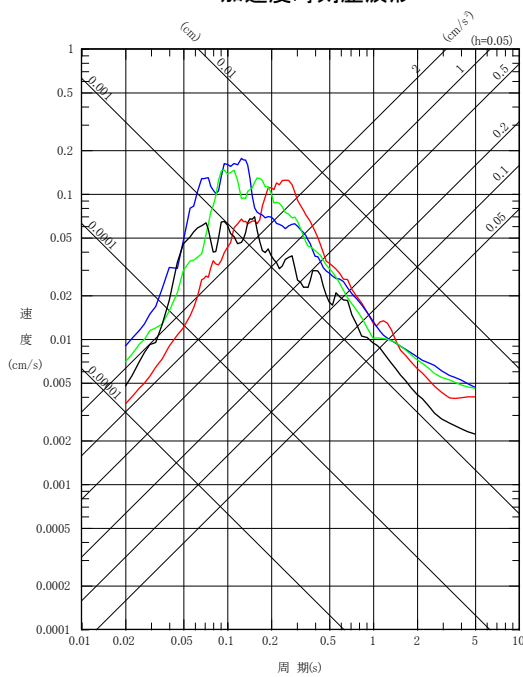
加速度時刻歴波形



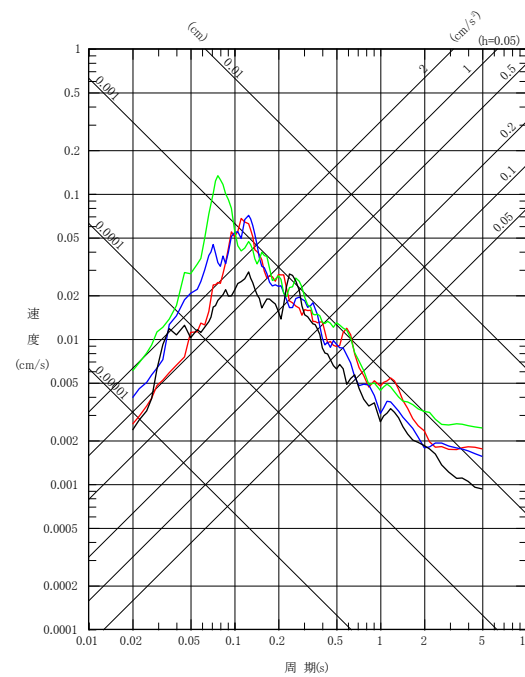
UD方向



NS方向

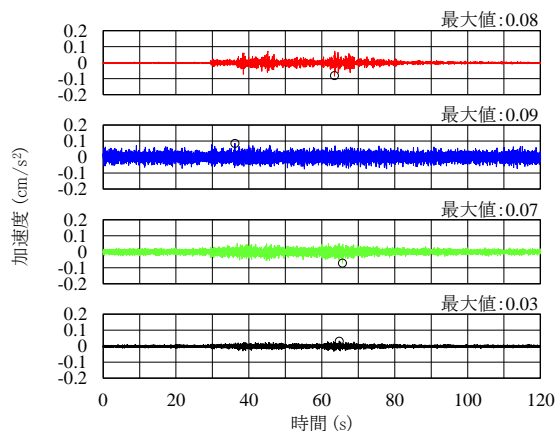


EW方向
擬似速度応答スペクトル

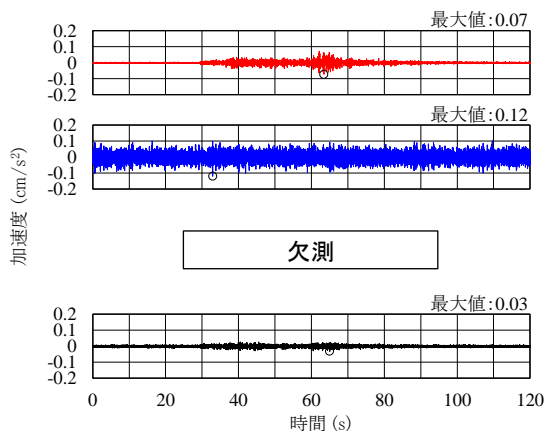


UD方向

No.29

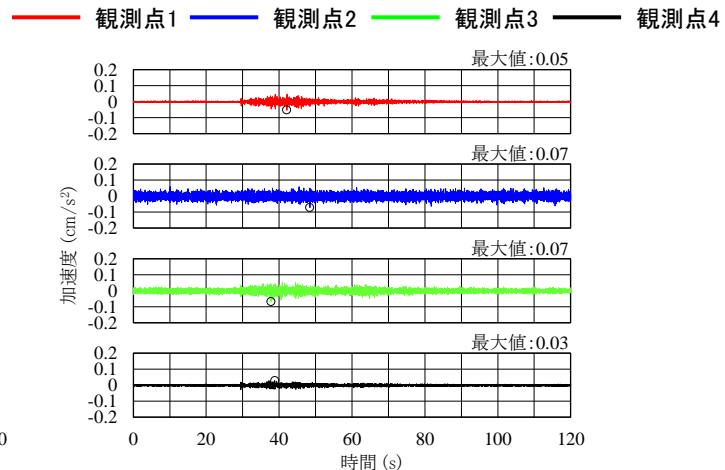


NS方向

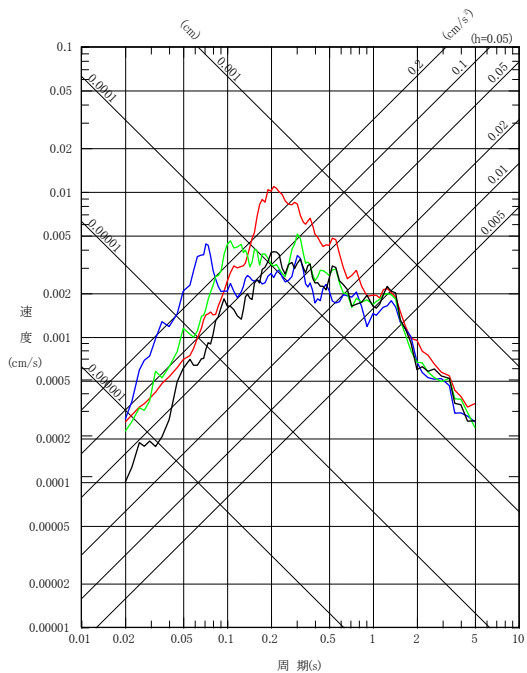


EW方向

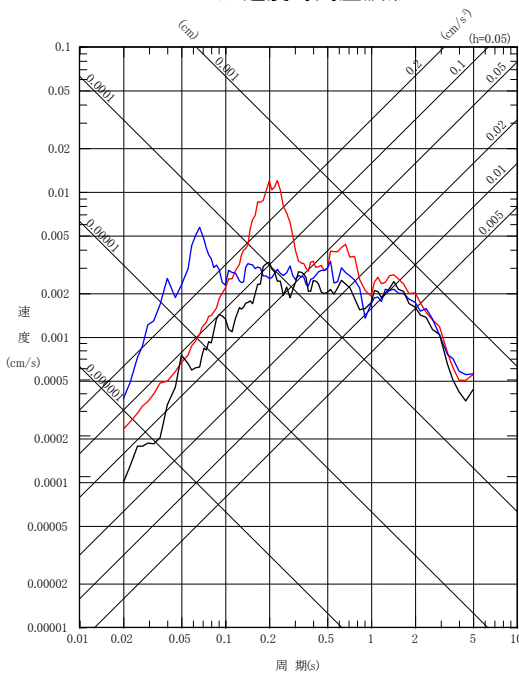
加速度時刻歴波形



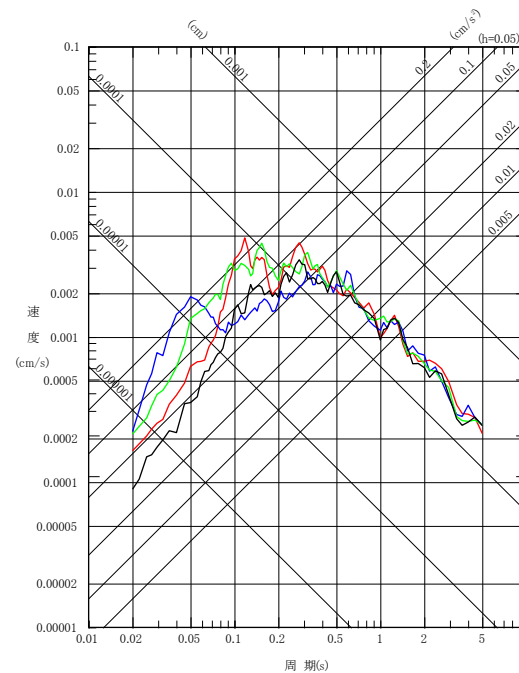
UD方向



NS方向

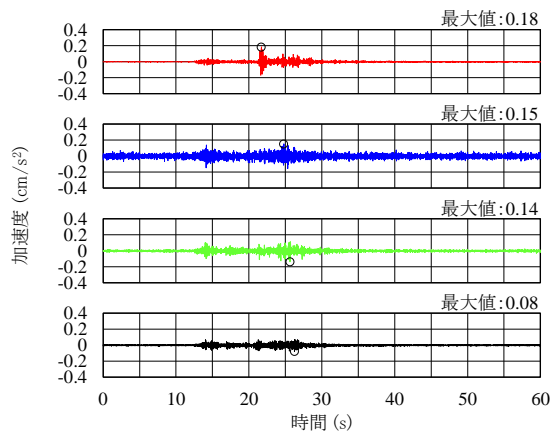


EW方向
擬似速度応答スペクトル

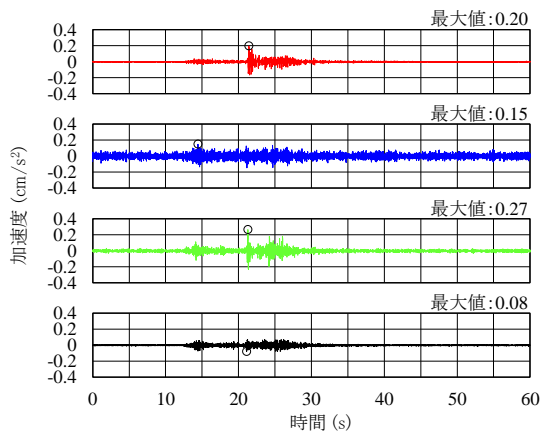


UD方向

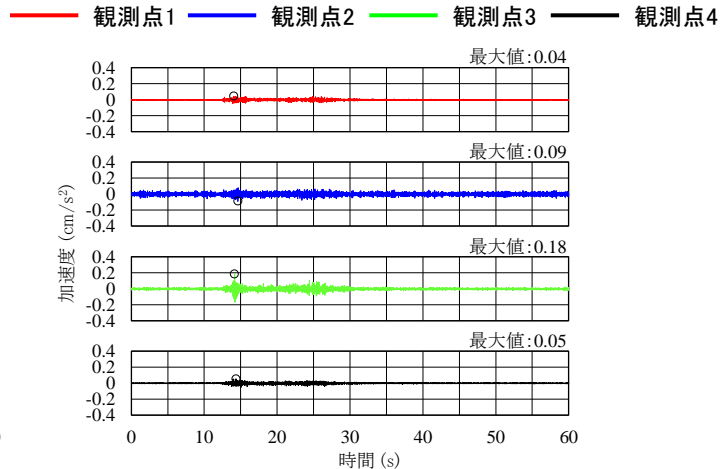
No.30



NS方向

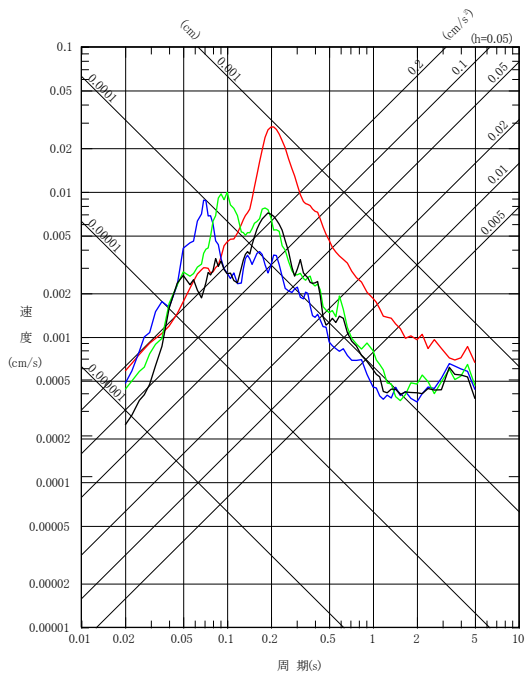


EW方向

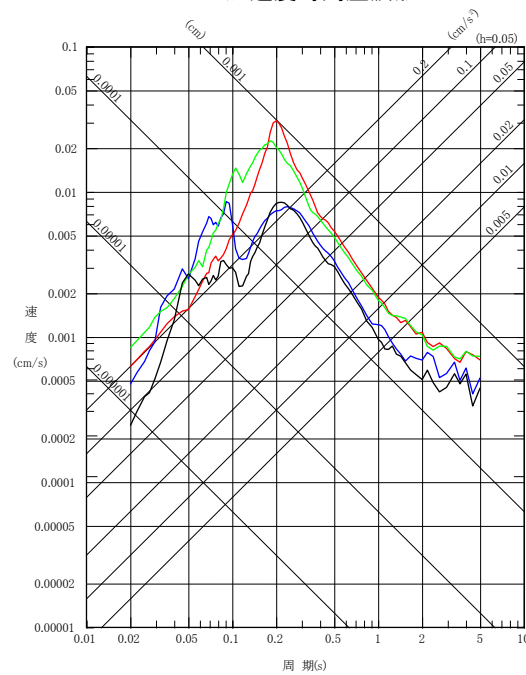


UD方向

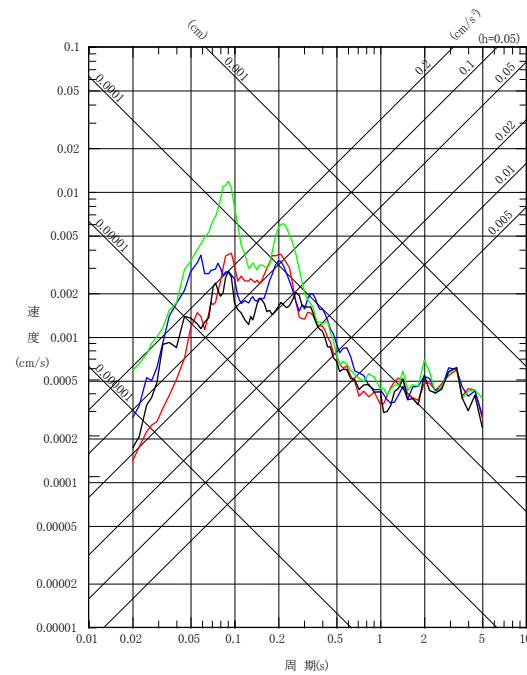
加速度時刻歴波形



NS方向



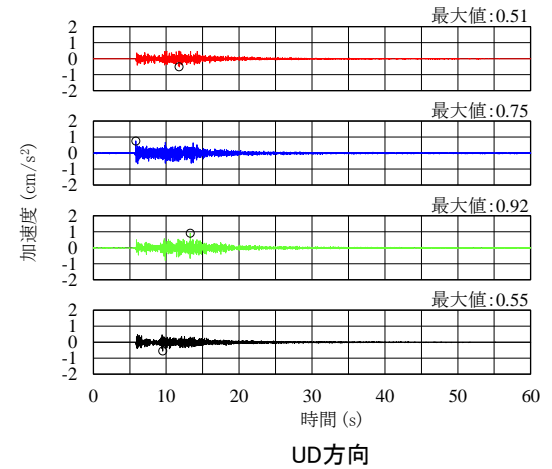
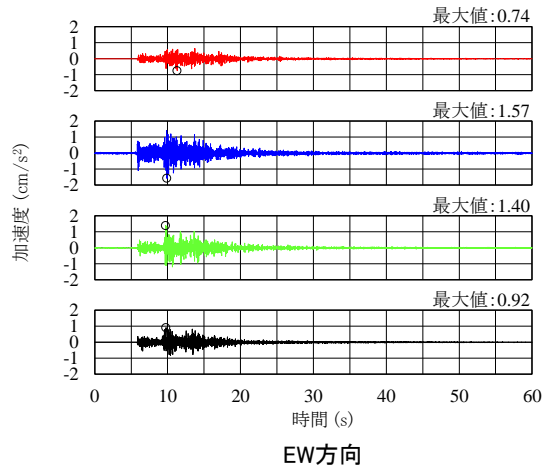
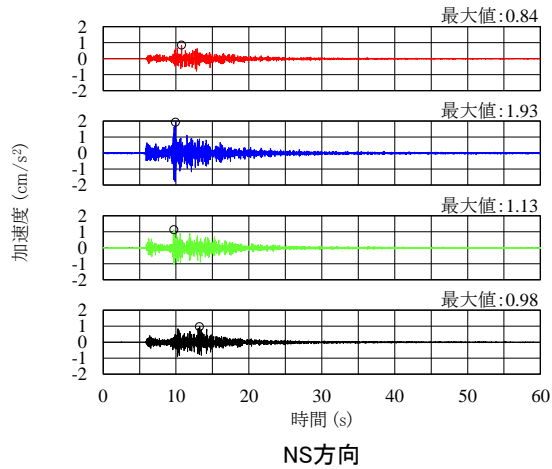
EW方向
擬似速度応答スペクトル



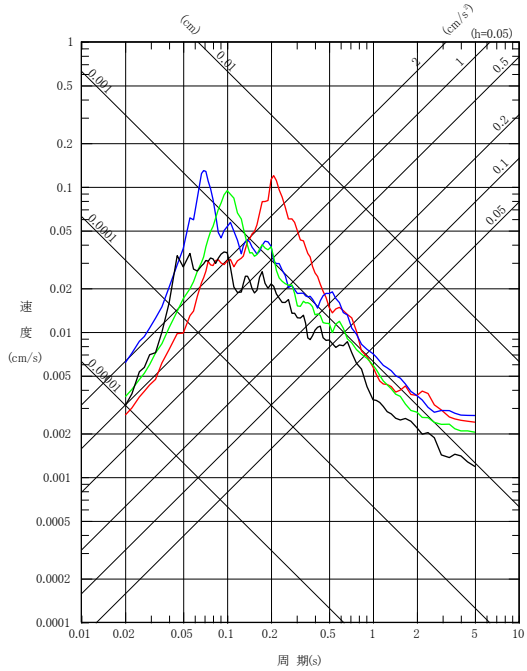
UD方向

No.31

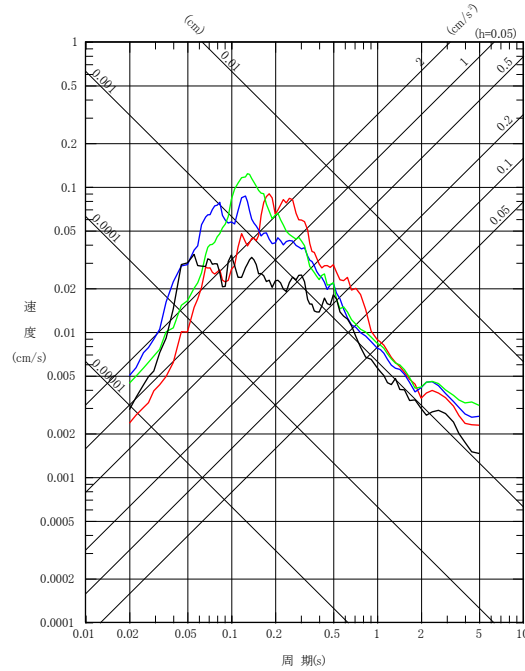
— 観測点1 — 観測点2 — 観測点3 — 観測点4



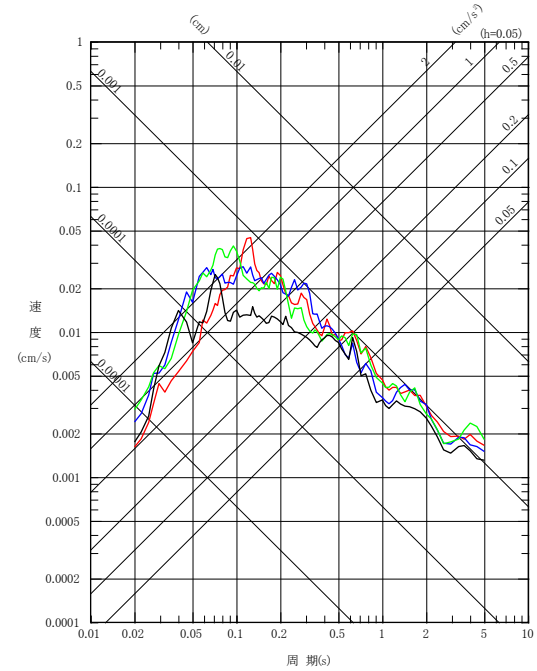
加速度時刻歴波形



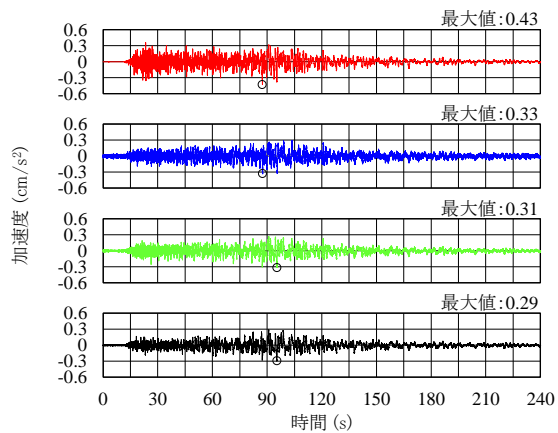
NS方向



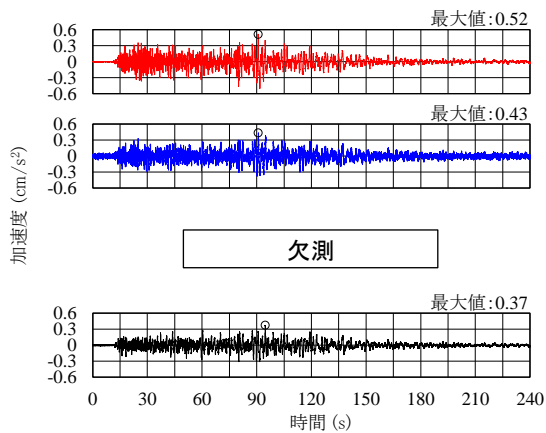
EW方向
擬似速度応答スペクトル



UD方向

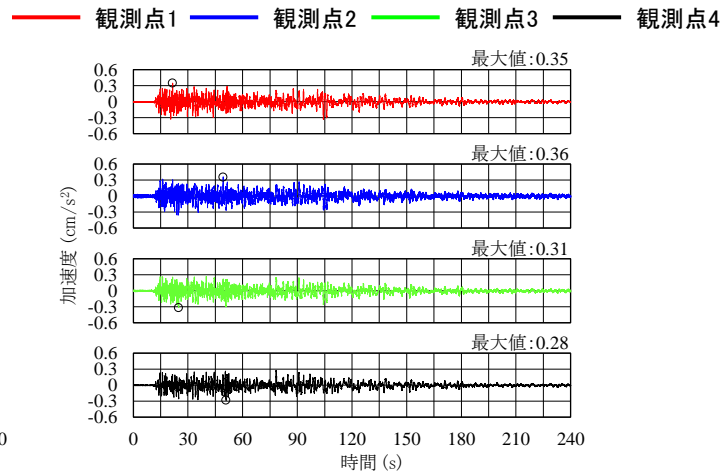


NS方向

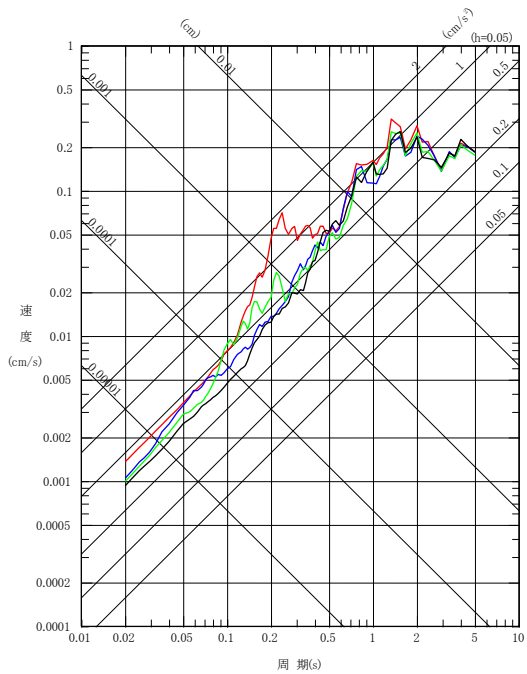


EW方向

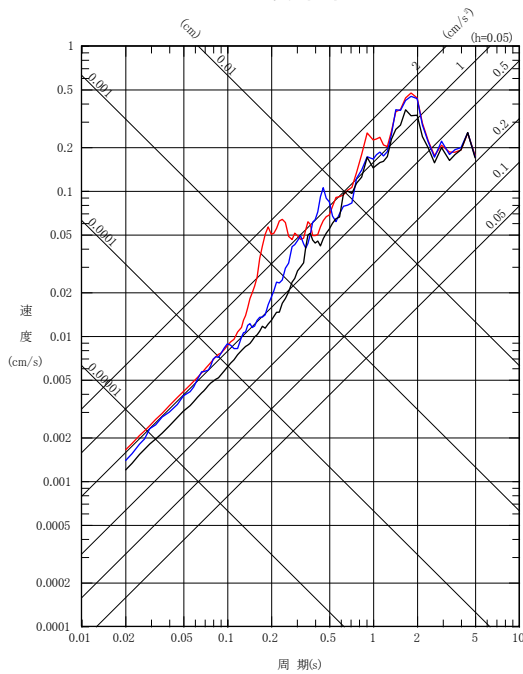
加速度時刻歴波形



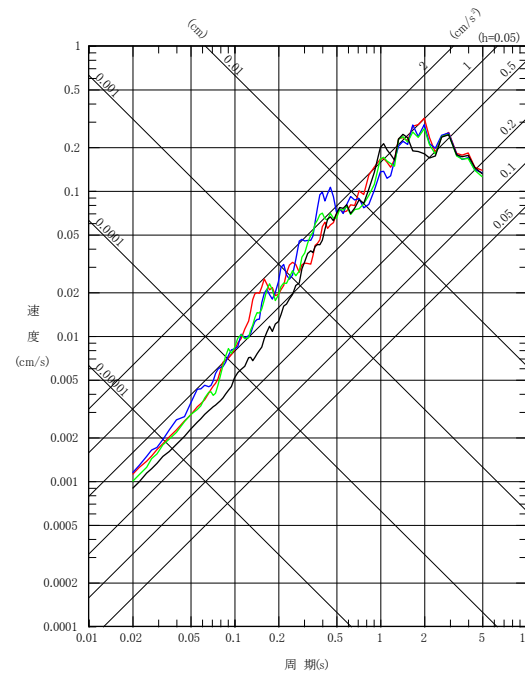
UD方向



NS方向

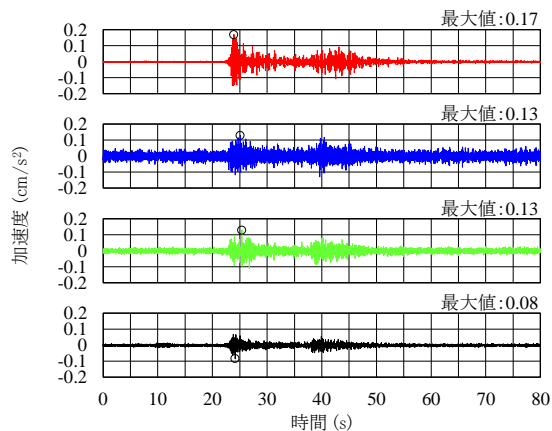


EW方向
擬似速度応答スペクトル

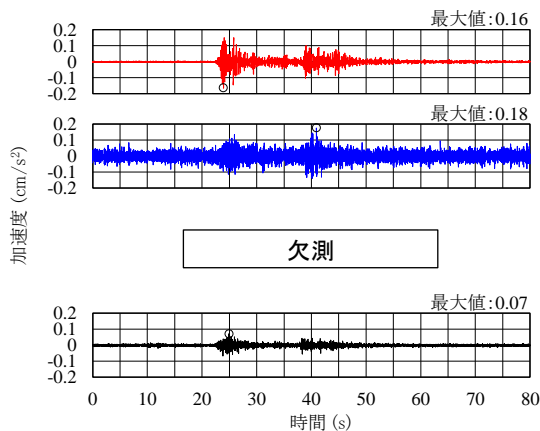


UD方向

No.33

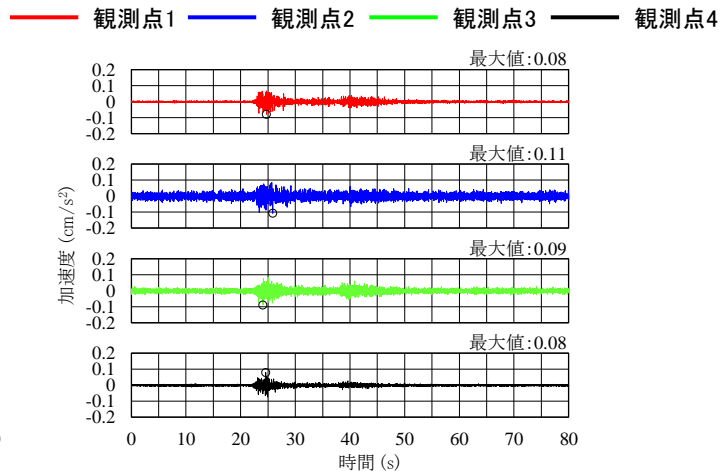


NS方向

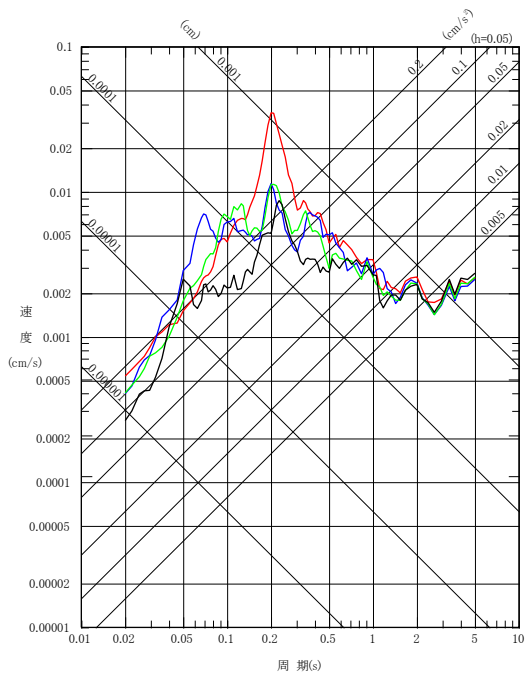


EW方向

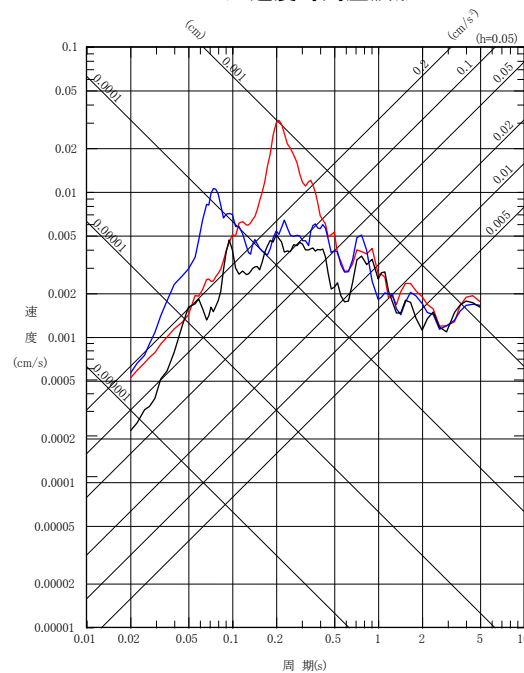
加速度時刻歴波形



UD方向

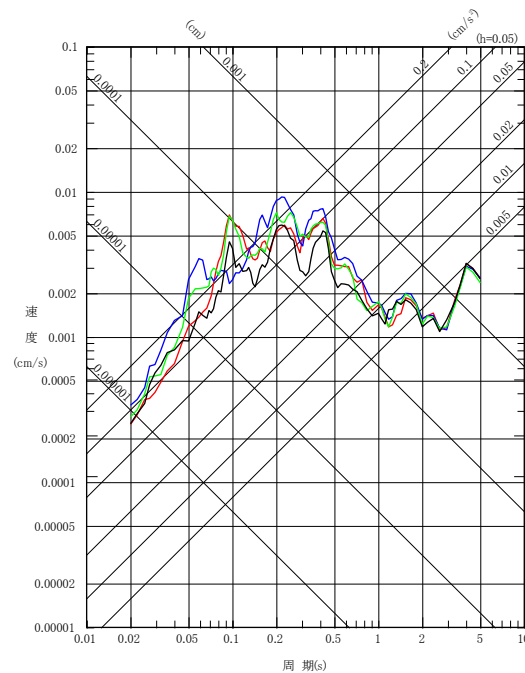


NS方向



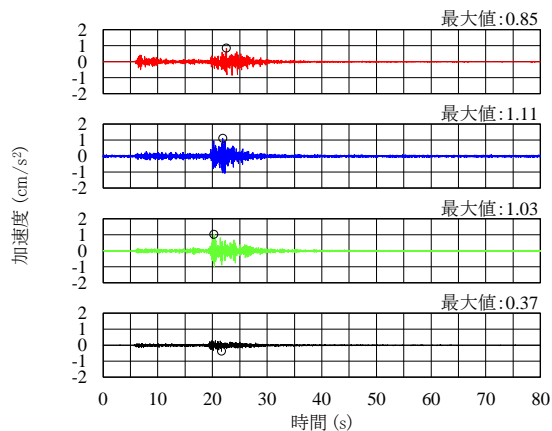
EW方向

擬似速度応答スペクトル

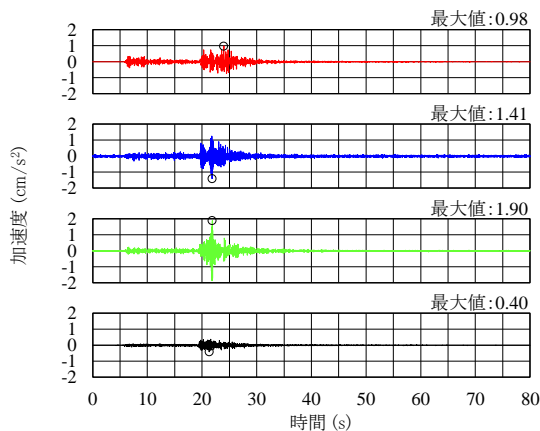


UD方向

No.34

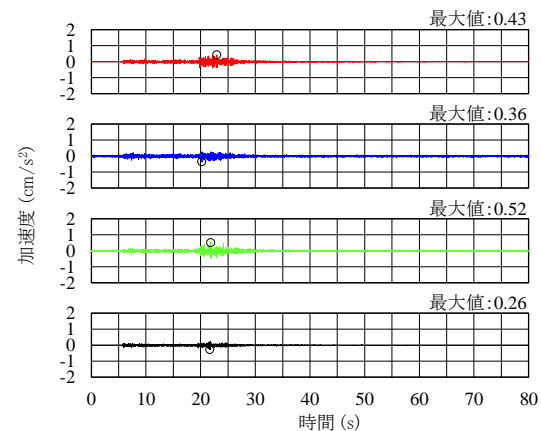


NS方向

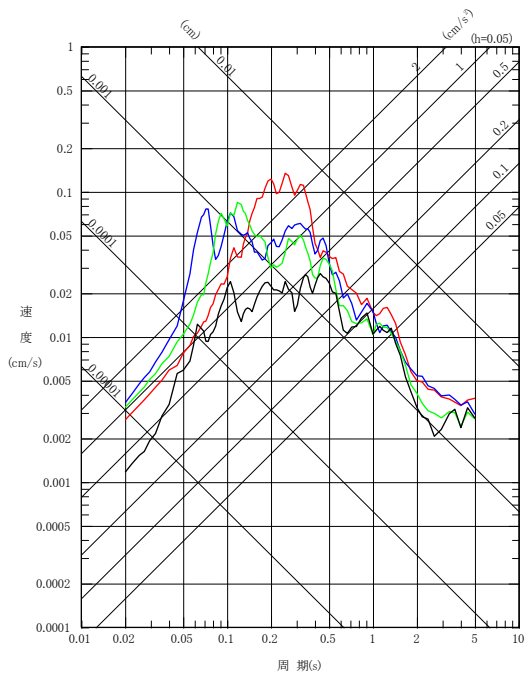


EW方向

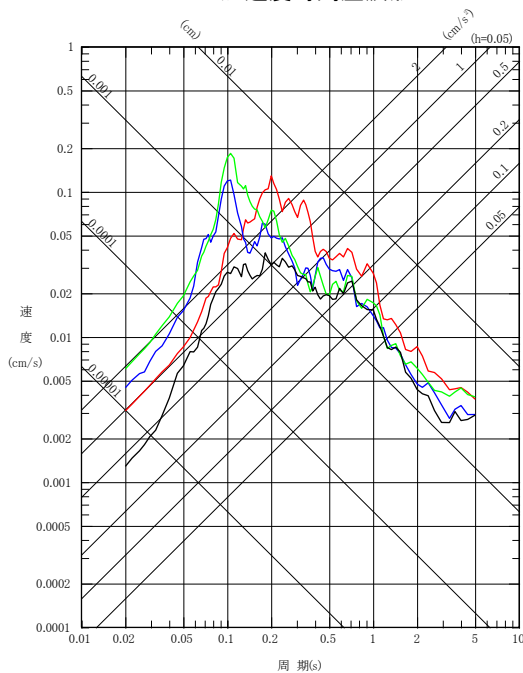
加速度時刻歴波形



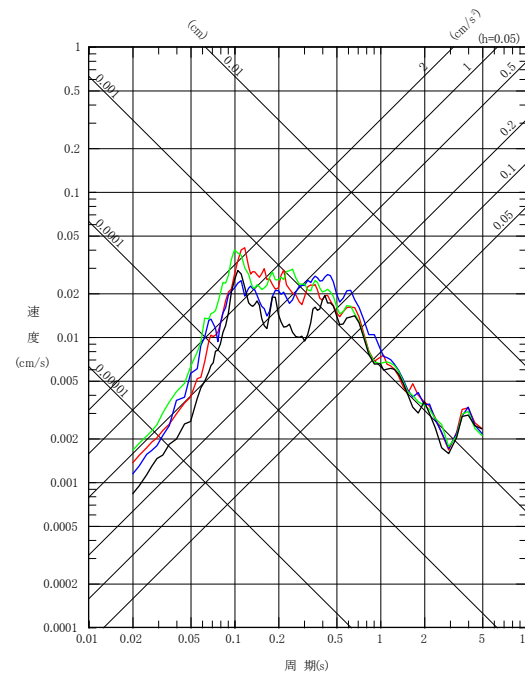
UD方向



NS方向

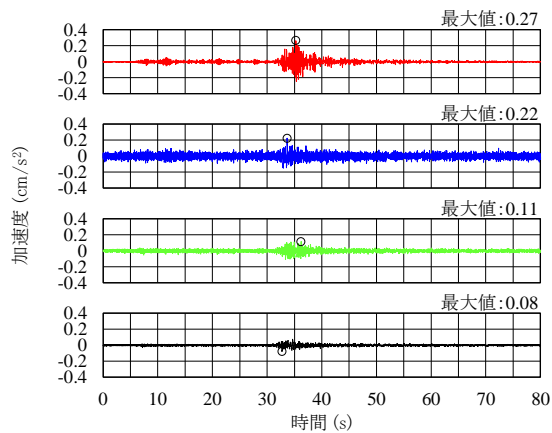


EW方向
擬似速度応答スペクトル

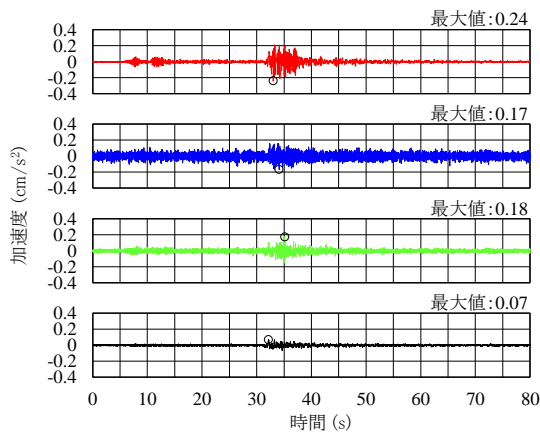


UD方向

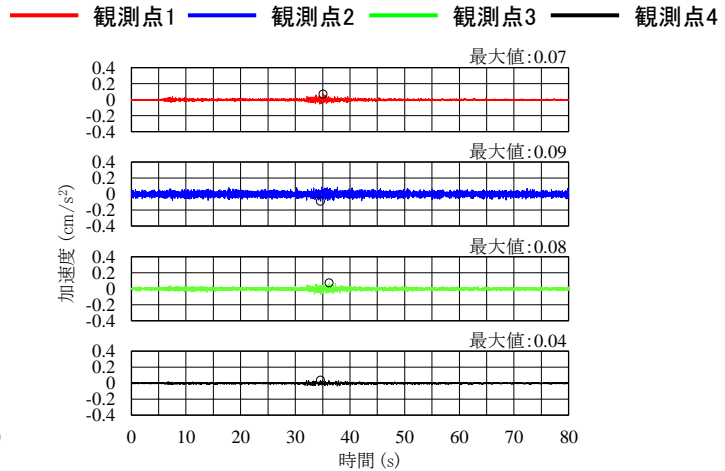
No.35



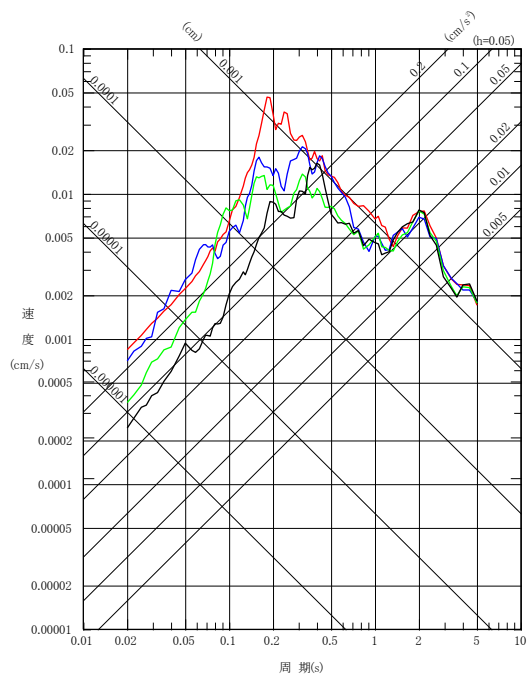
NS方向



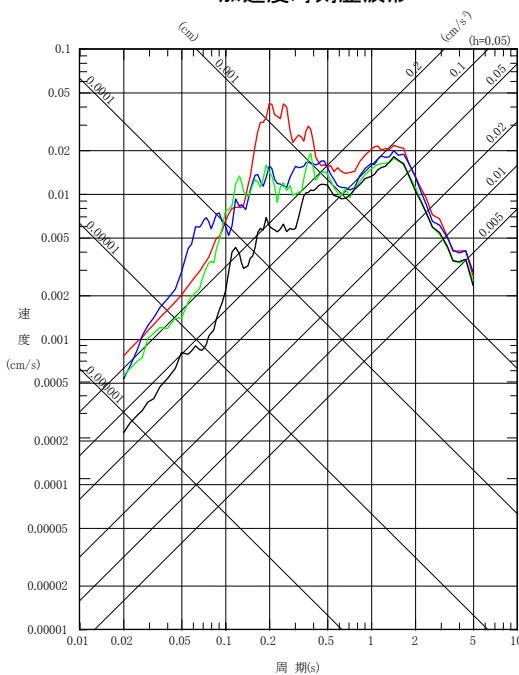
EW方向



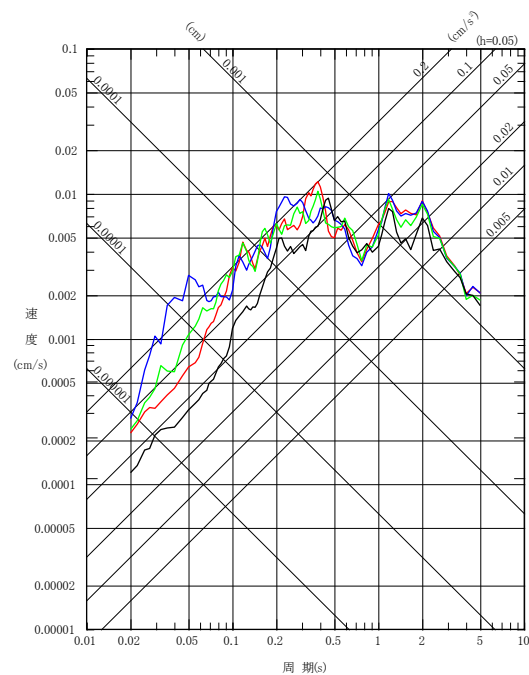
UD方向



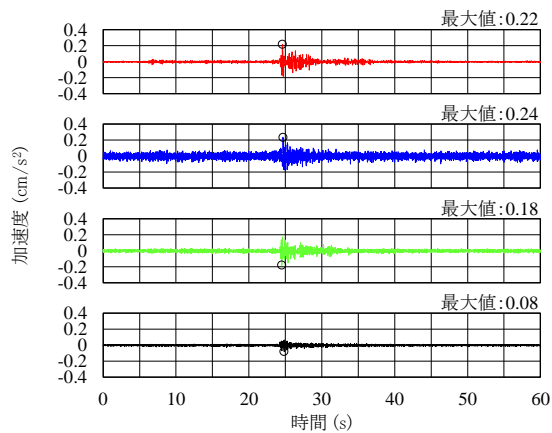
NS方向



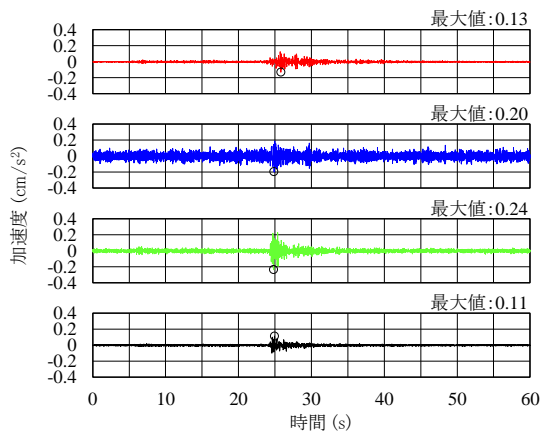
EW方向
擬似速度応答スペクトル



UD方向

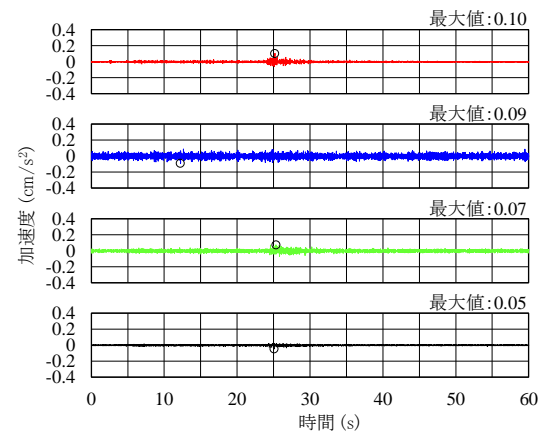


NS方向

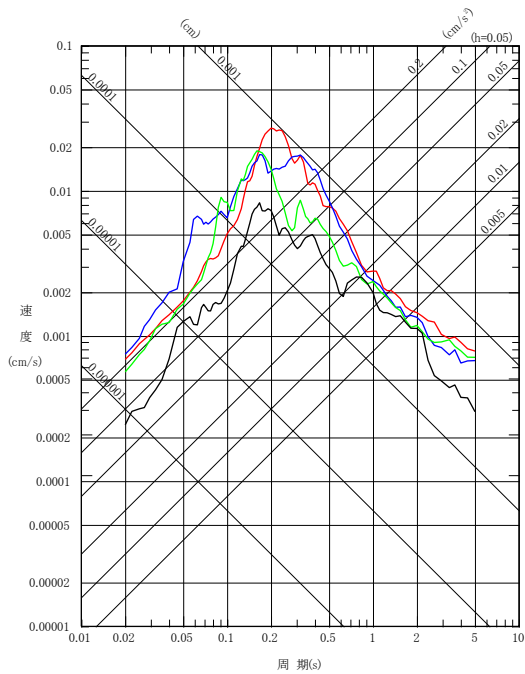


EW方向

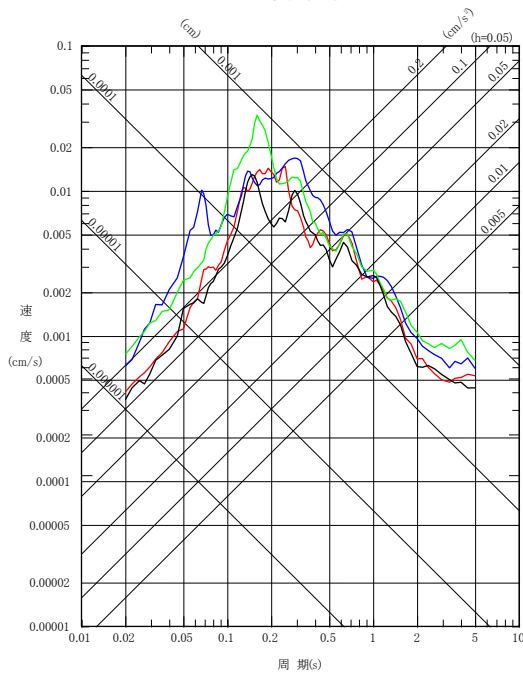
加速度時刻歴波形



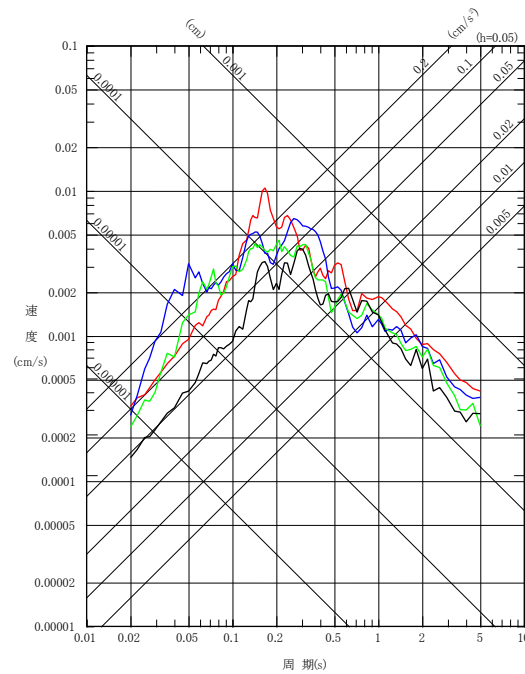
UD方向



NS方向

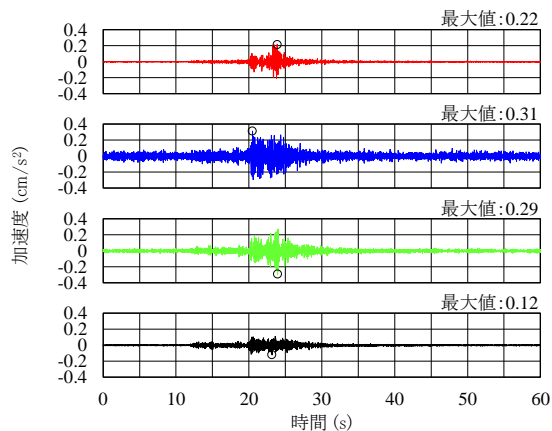


EW方向
擬似速度応答スペクトル

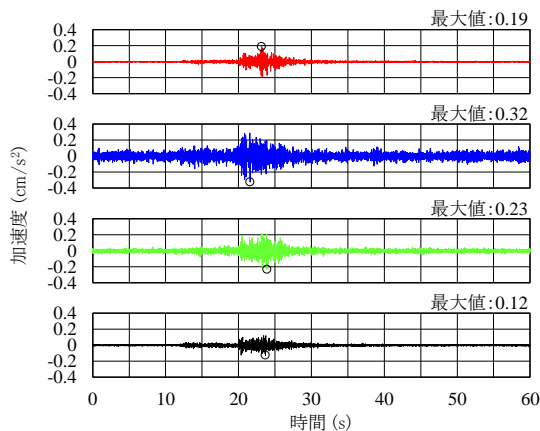


UD方向

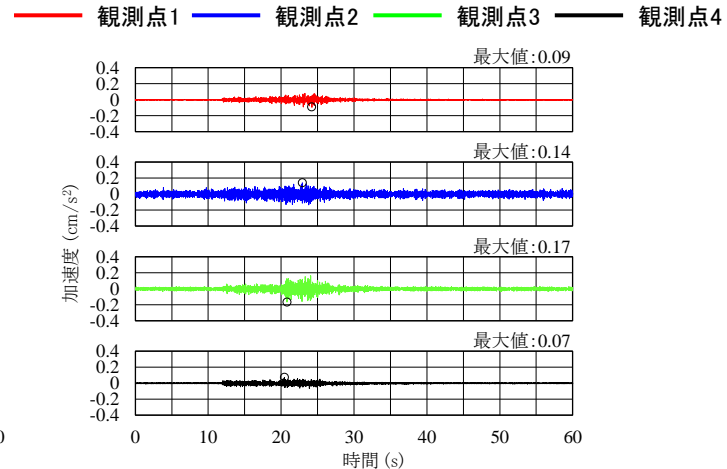
No.37



NS方向

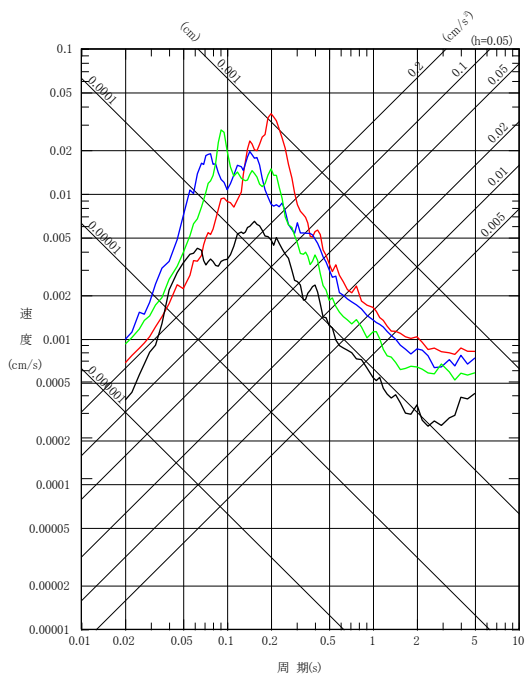


EW方向

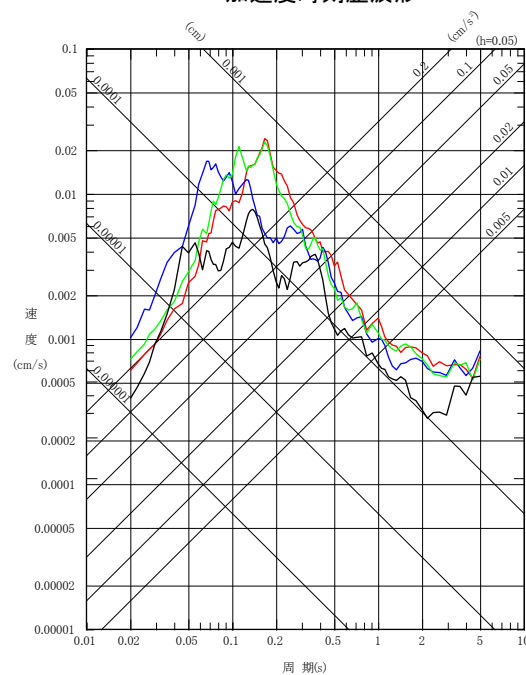


UD方向

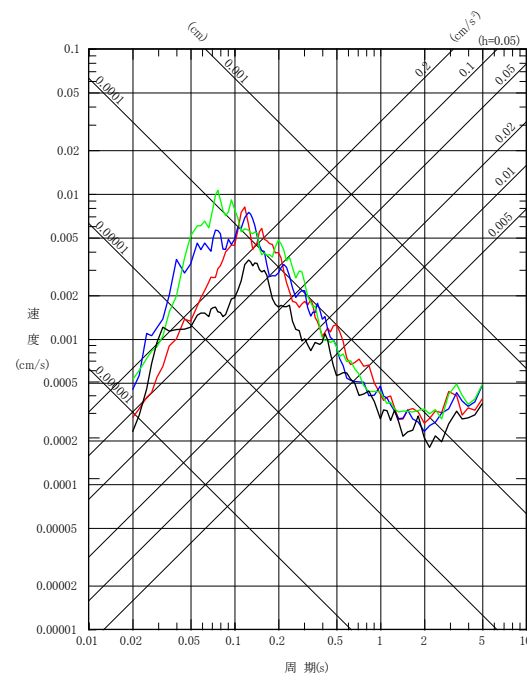
加速度時刻歴波形



NS方向

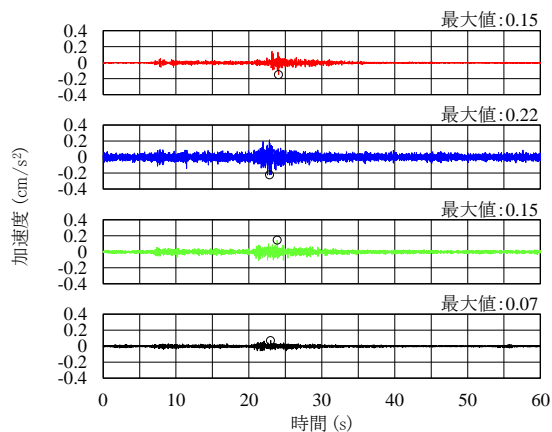


EW方向
擬似速度応答スペクトル

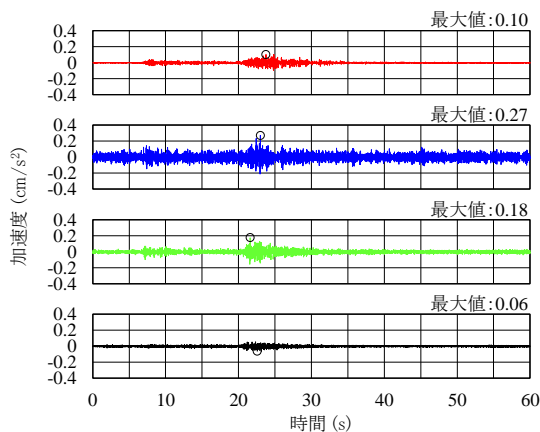


UD方向

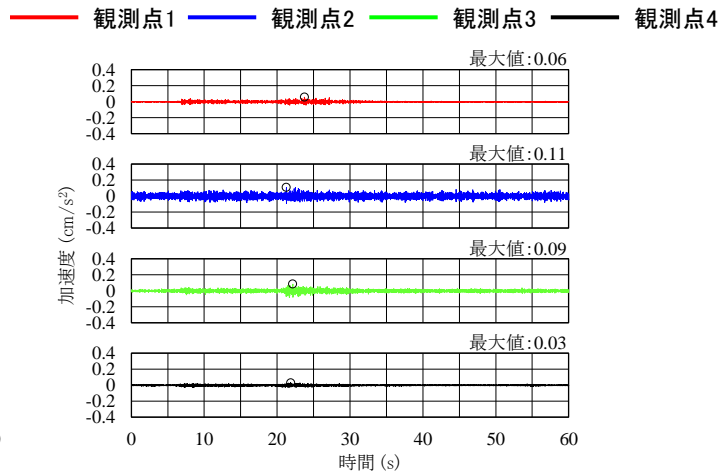
No.38



NS方向

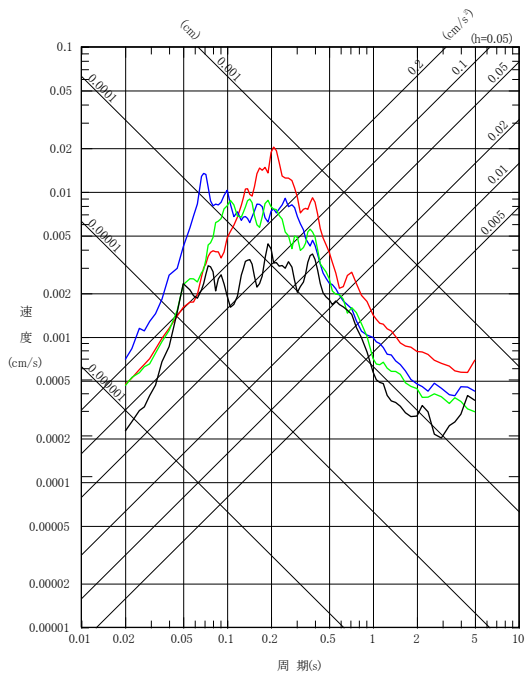


EW方向

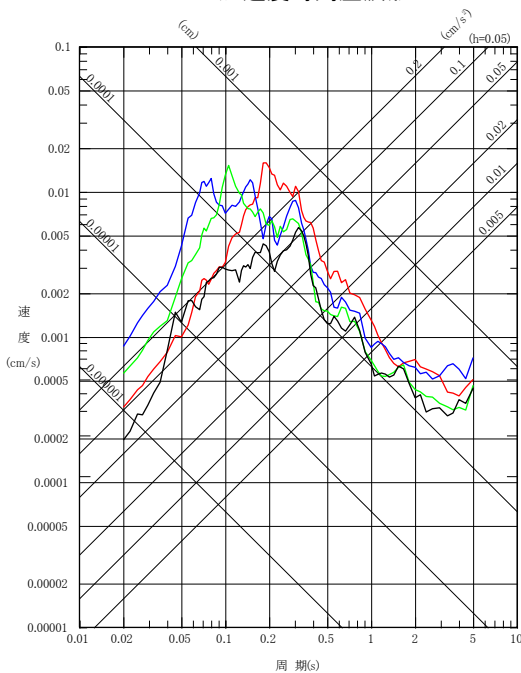


UD方向

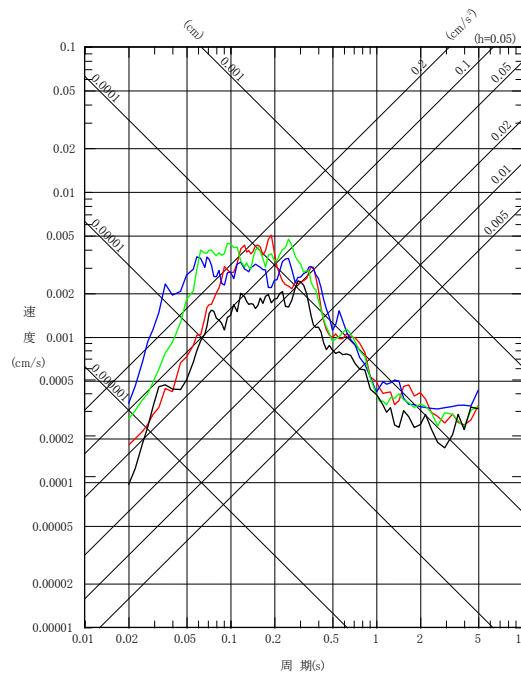
加速度時刻歴波形



NS方向

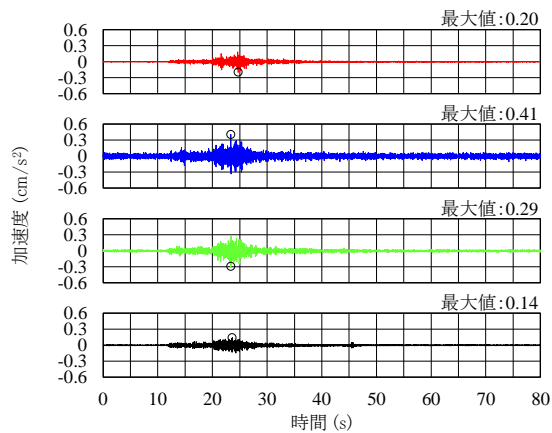


EW方向
擬似速度応答スペクトル

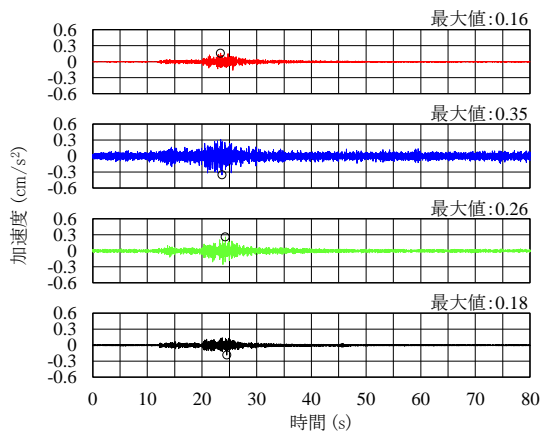


UD方向

No.39

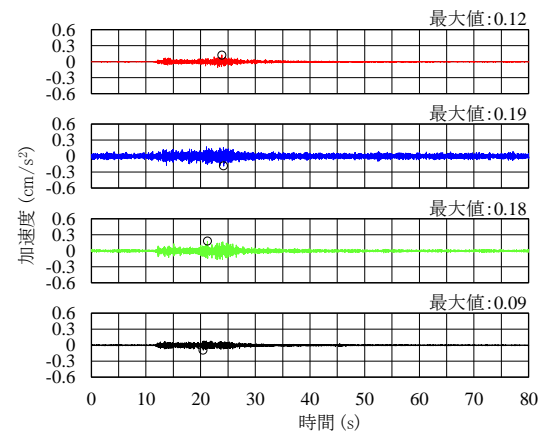


NS方向

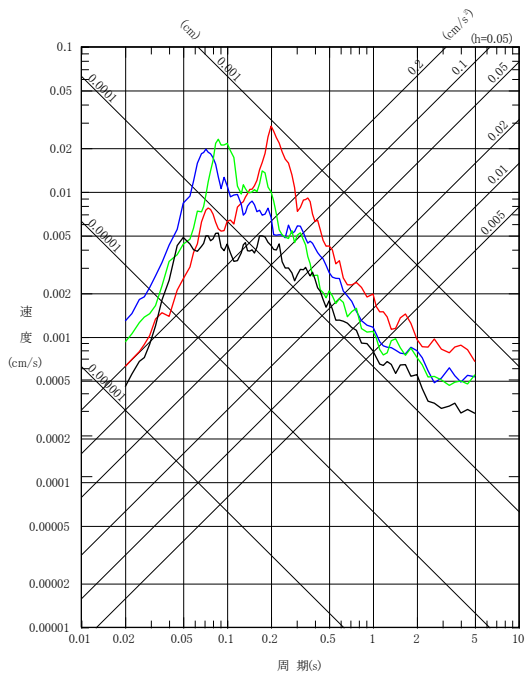


EW方向

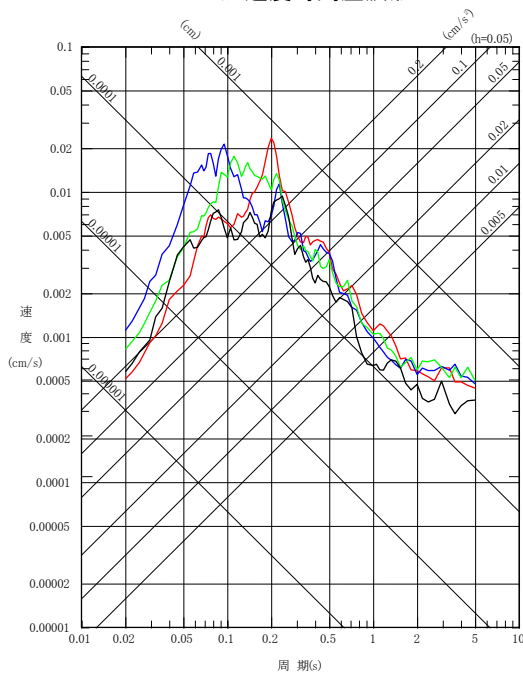
加速度時刻歴波形



UD方向

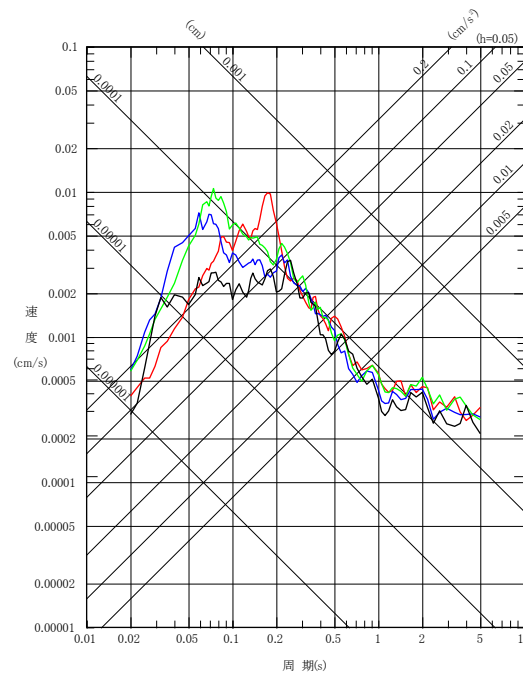


NS方向



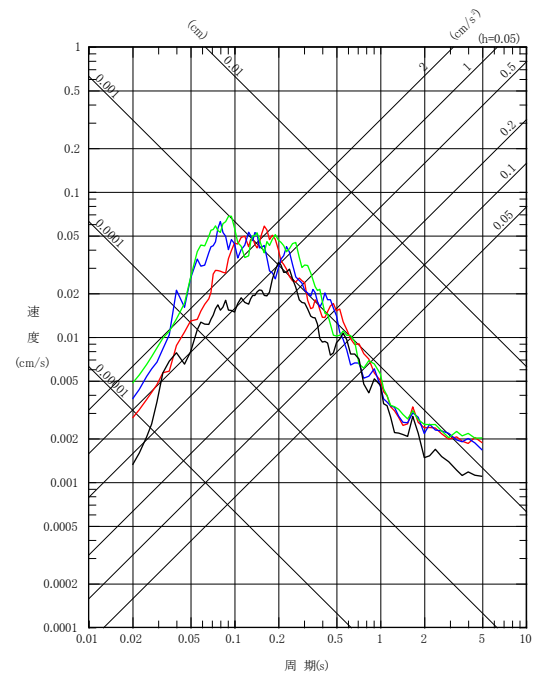
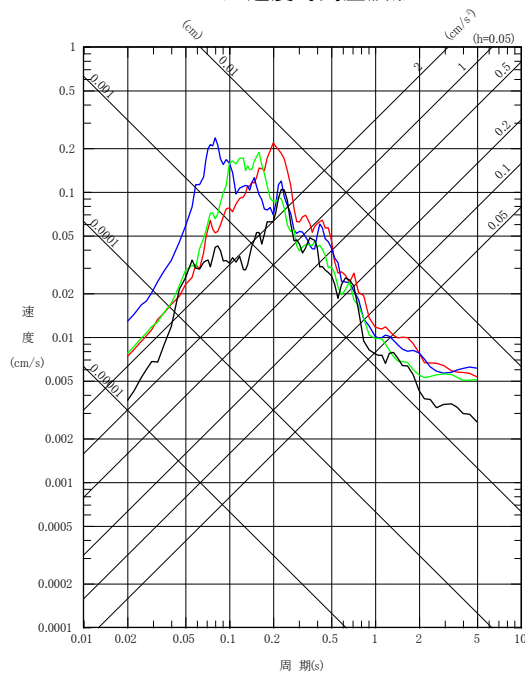
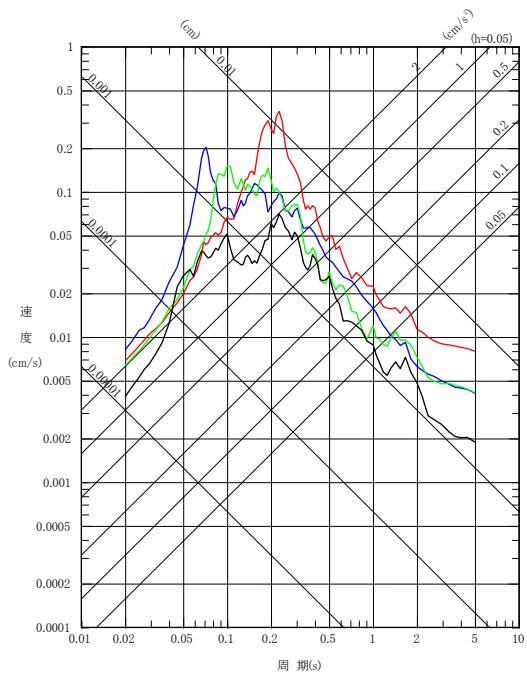
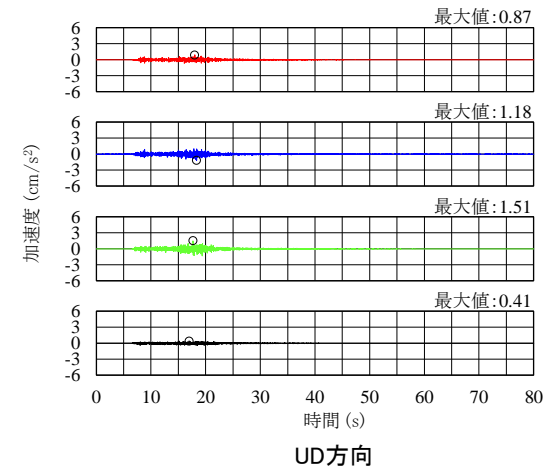
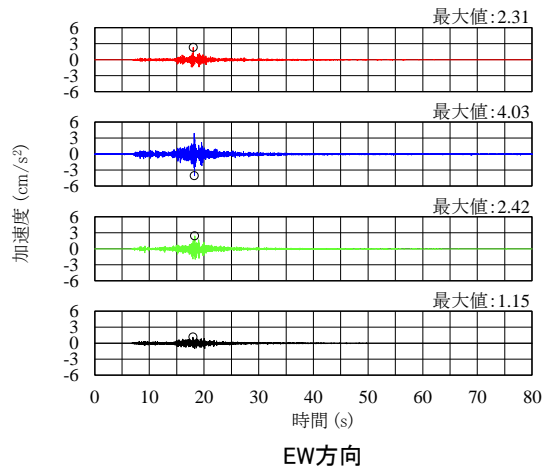
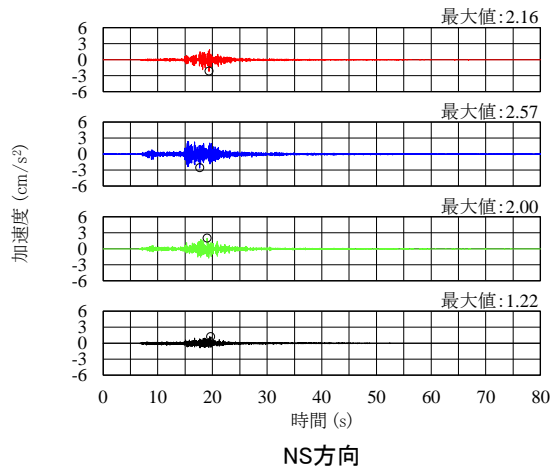
EW方向

擬似速度応答スペクトル



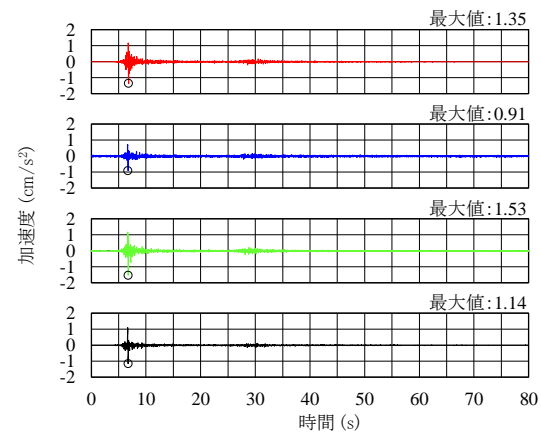
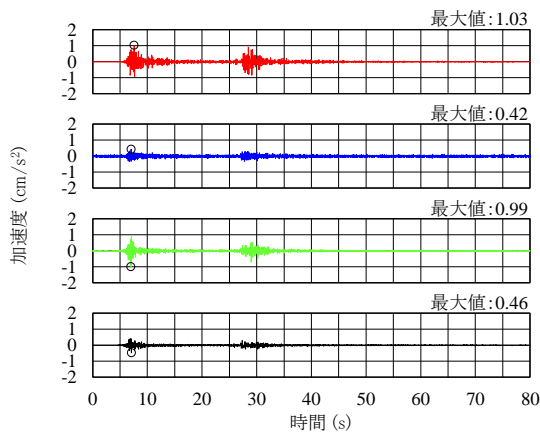
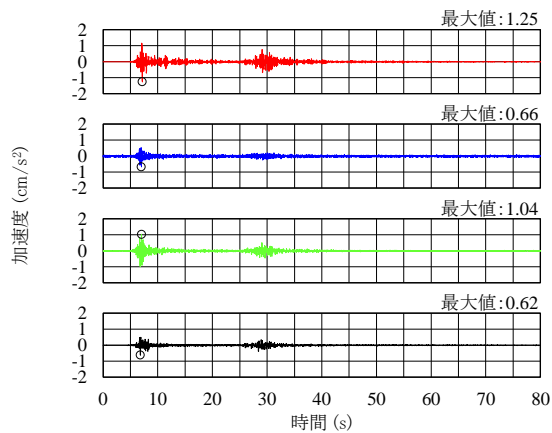
UD方向

No.40



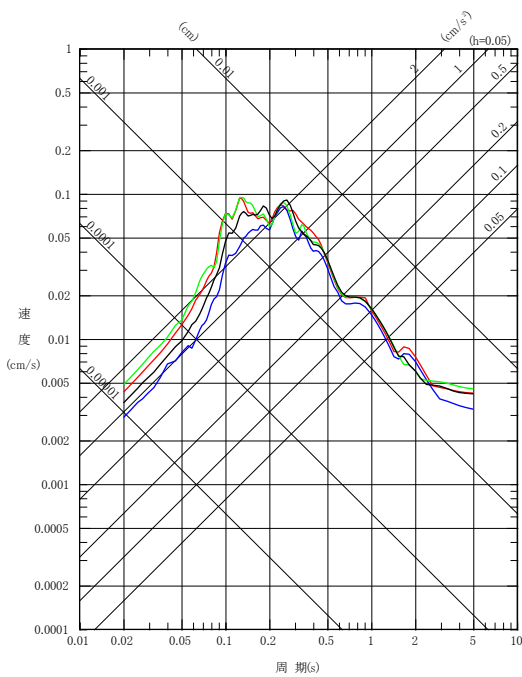
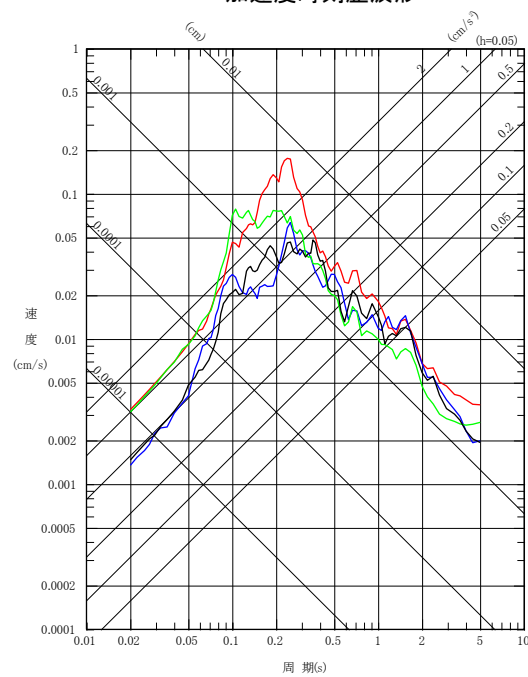
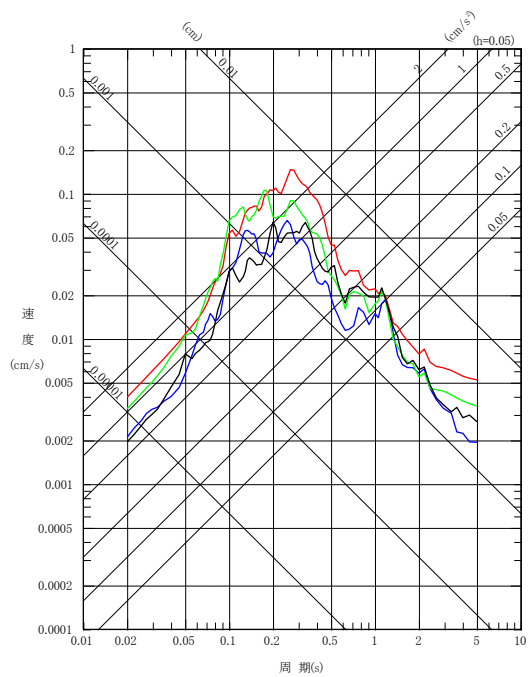
EW方向
擬似速度応答スペクトル

No.41



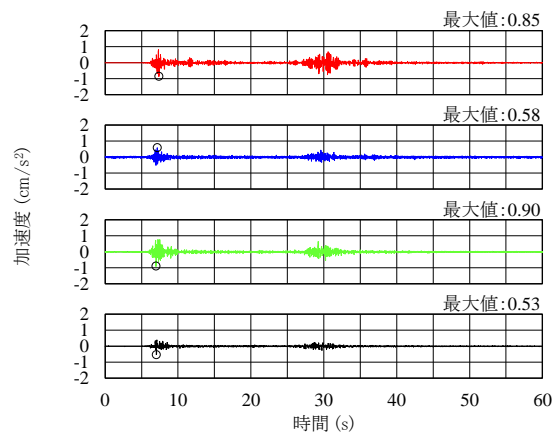
— 観測点1 — 観測点2 — 観測点3 — 観測点4

加速度時刻歴波形

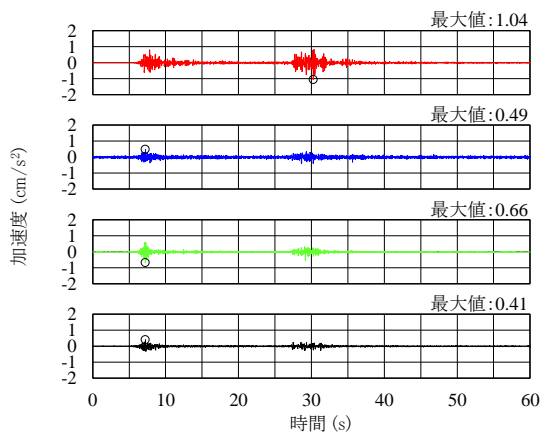


擬似速度応答スペクトル

No.42

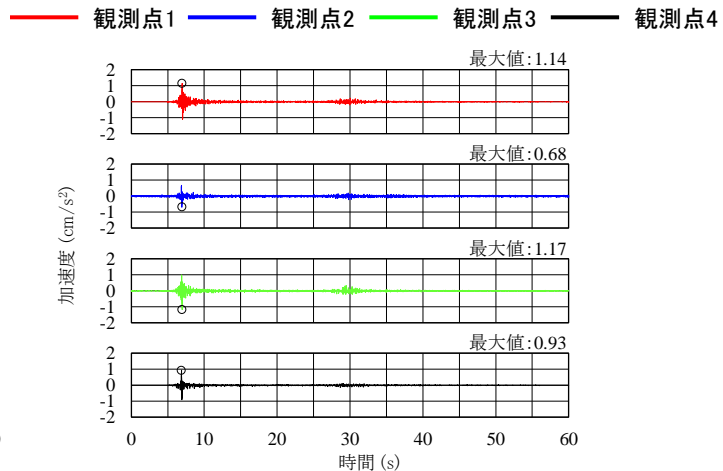


NS方向

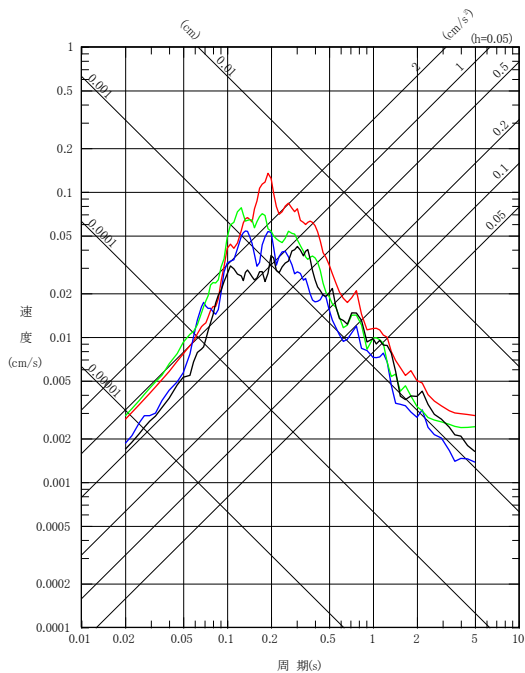


EW方向

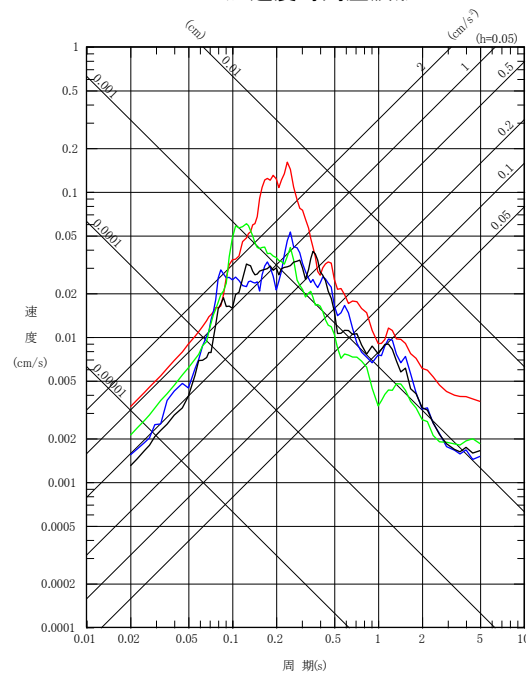
加速度時刻歴波形



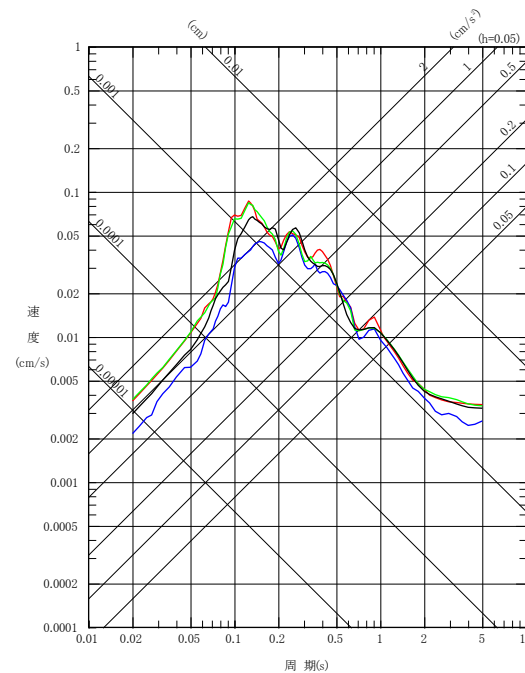
UD方向



NS方向

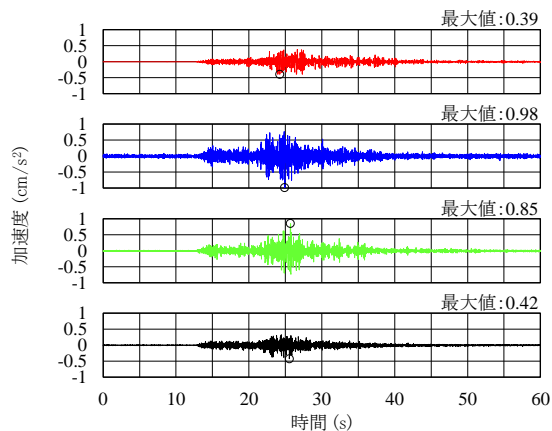


EW方向
擬似速度応答スペクトル

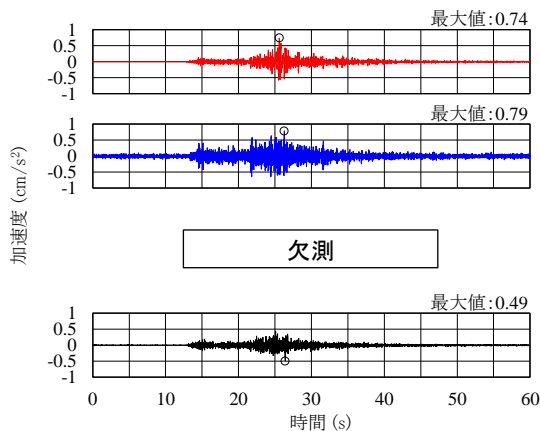


UD方向

No.43

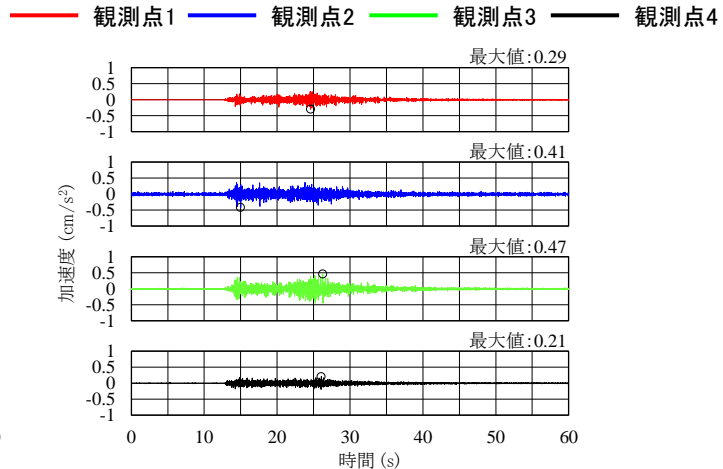


NS方向

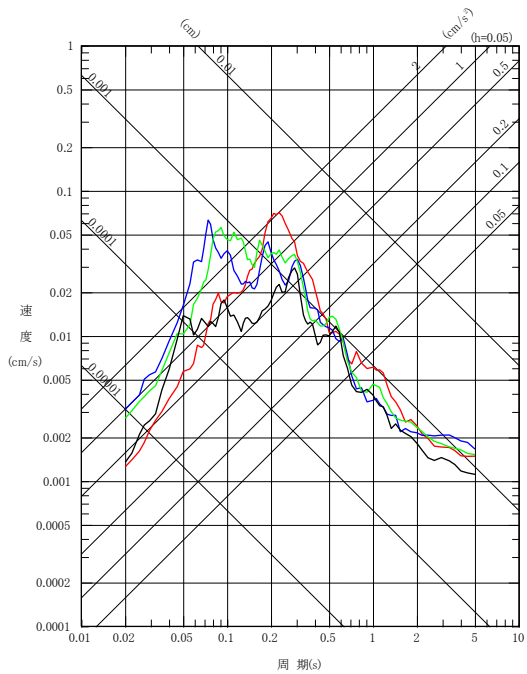


EW方向

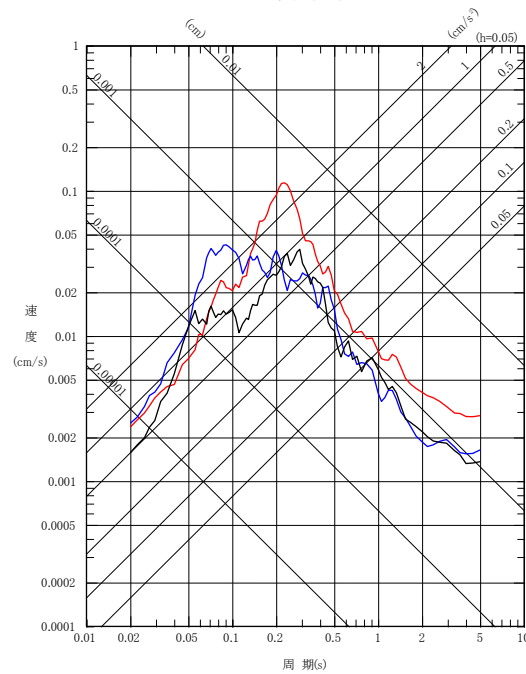
加速度時刻歴波形



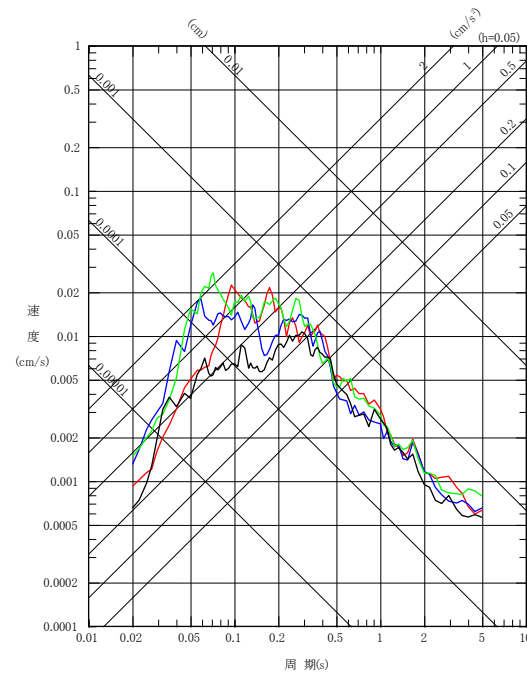
UD方向



NS方向

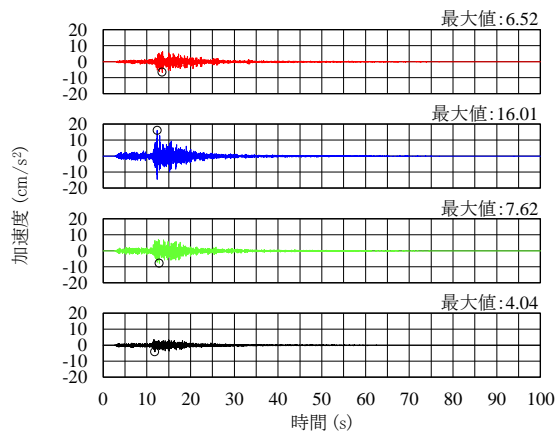


EW方向
擬似速度応答スペクトル

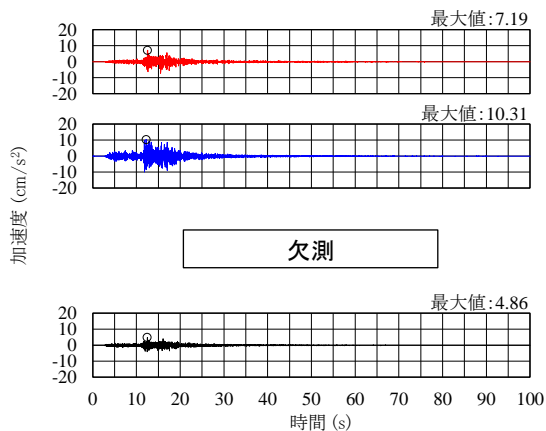


UD方向

No.44

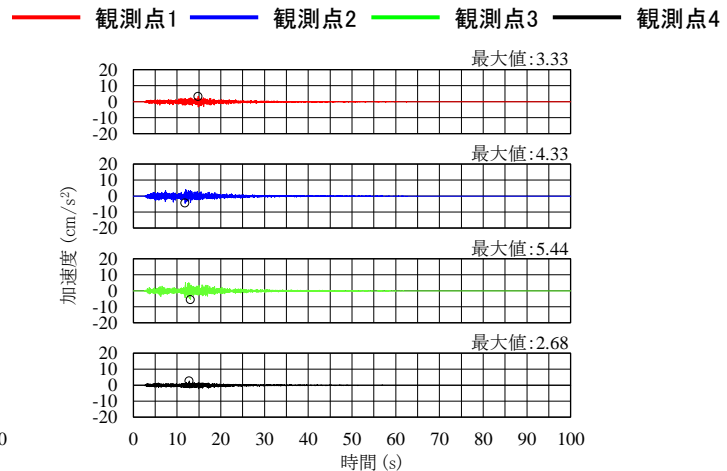


NS方向

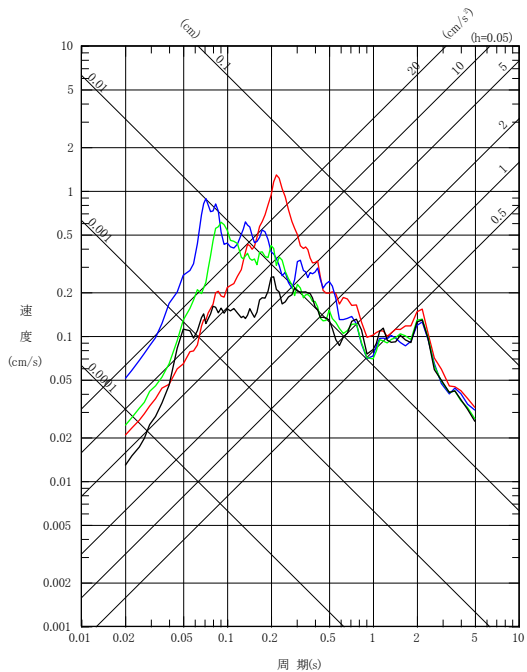


EW方向

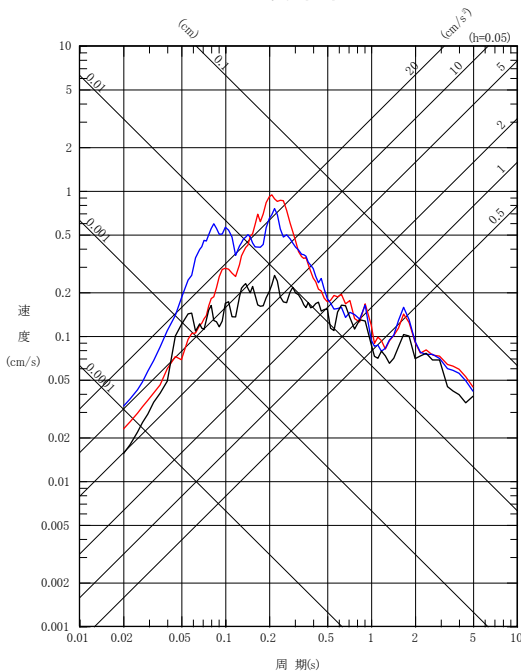
加速度時刻歴波形



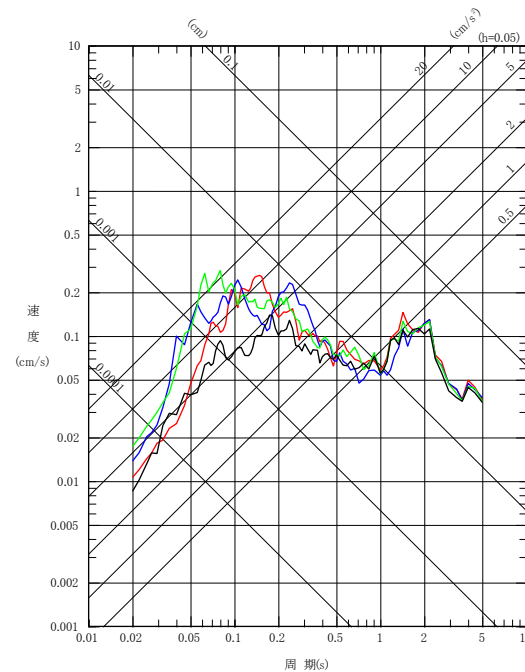
UD方向



NS方向

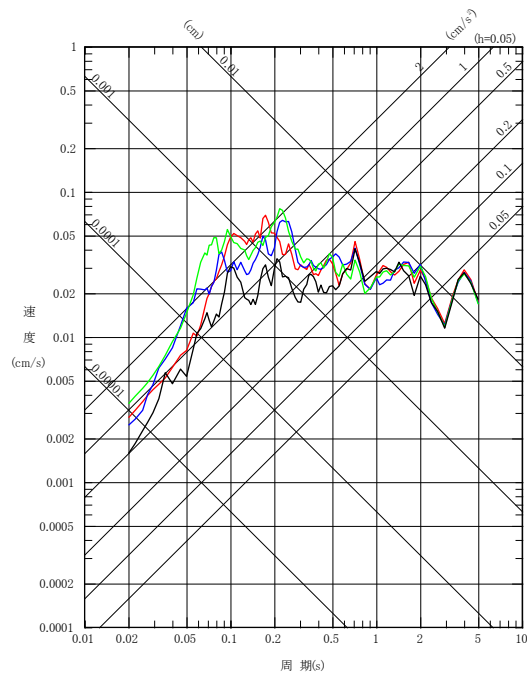
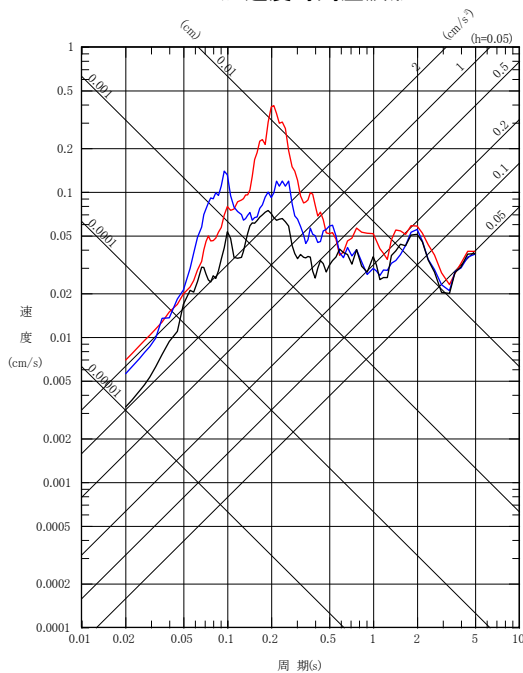
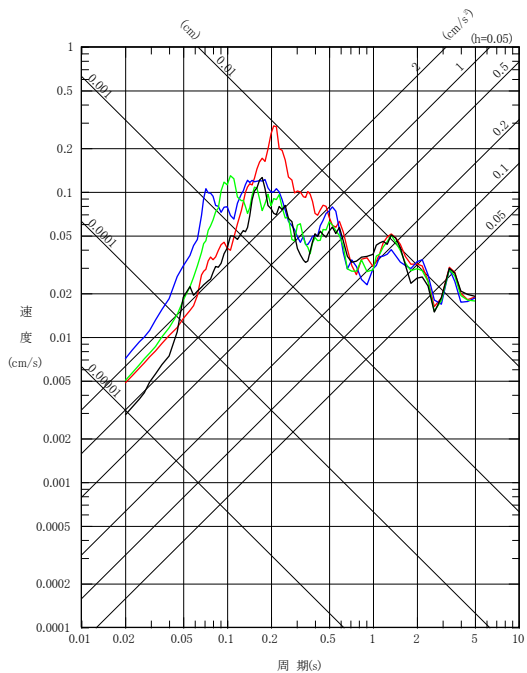
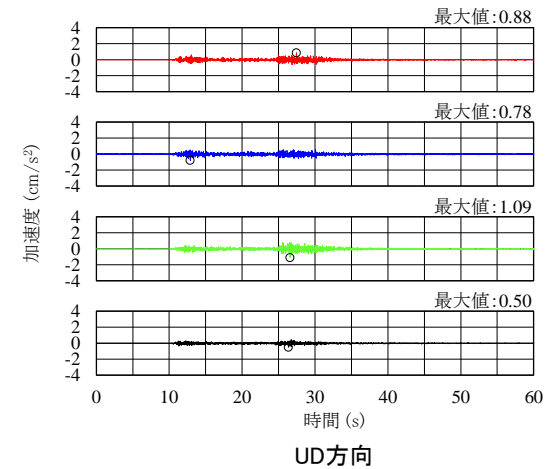
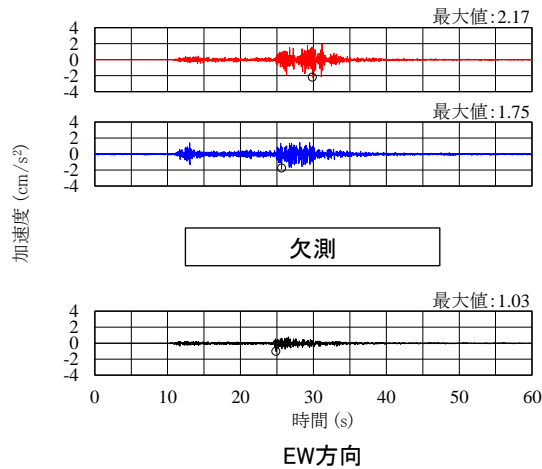
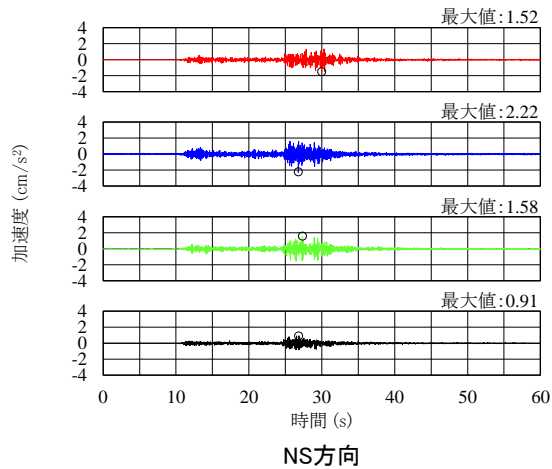


EW方向
擬似速度応答スペクトル



UD方向

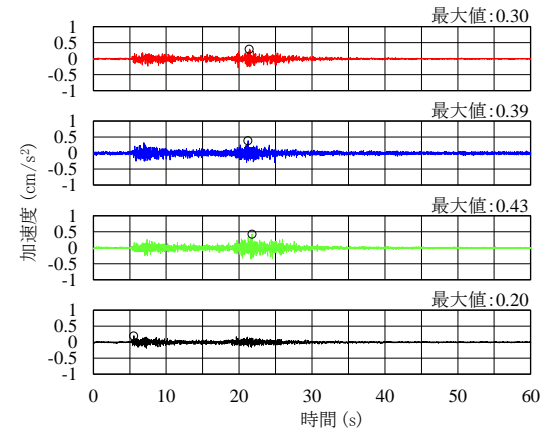
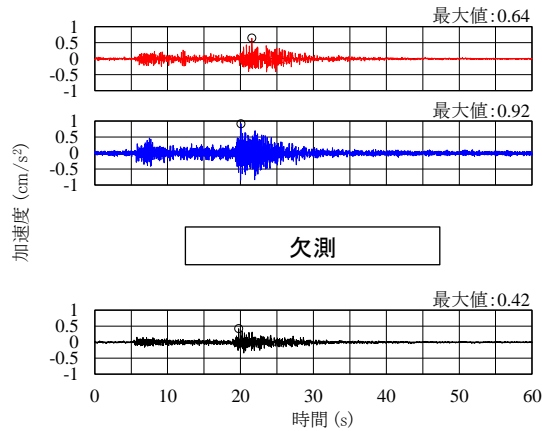
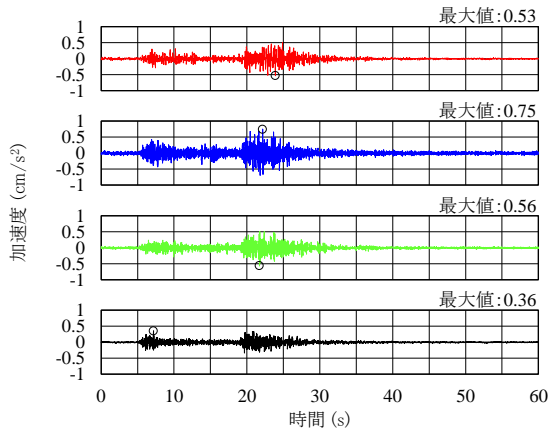
No.45



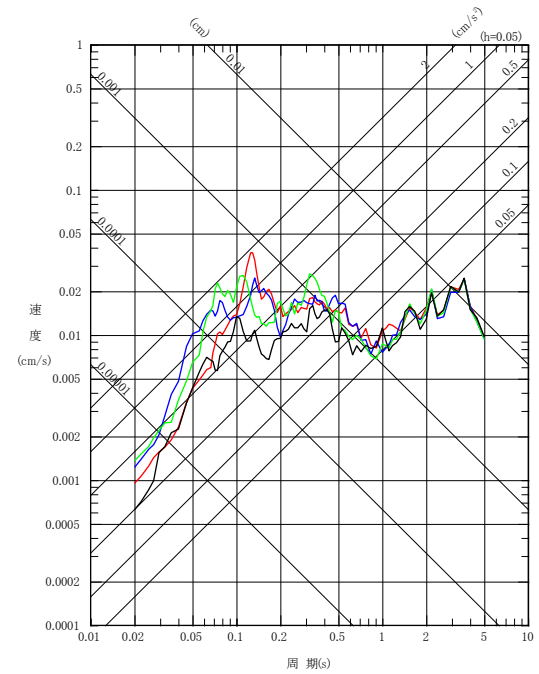
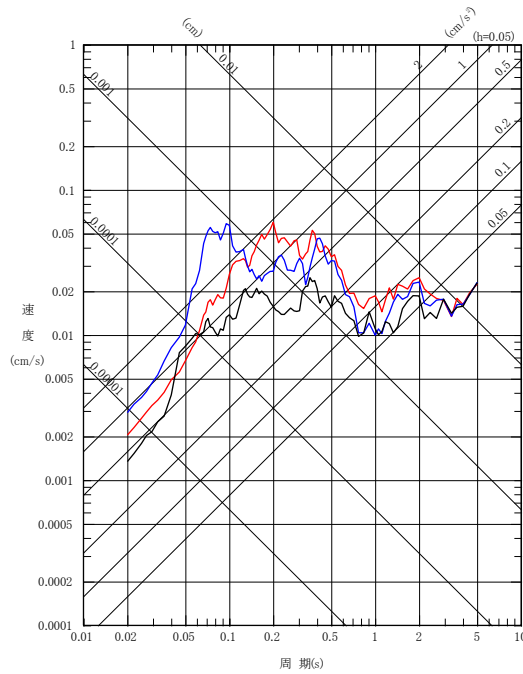
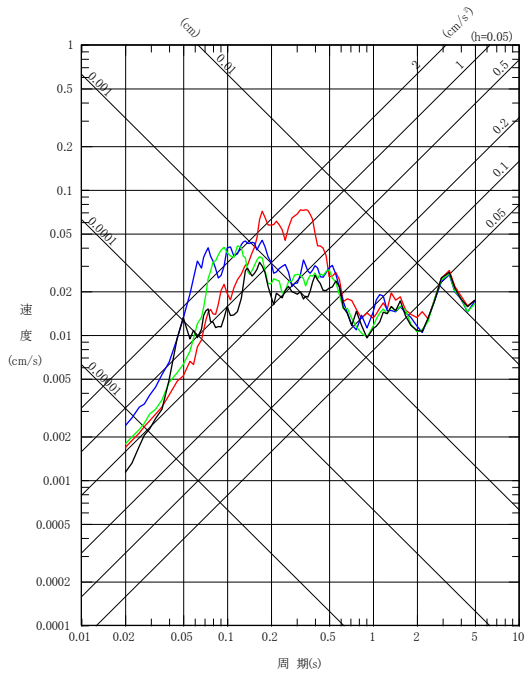
EW方向
擬似速度応答スペクトル

No.46

— 観測点1 — 観測点2 — 観測点3 — 観測点4

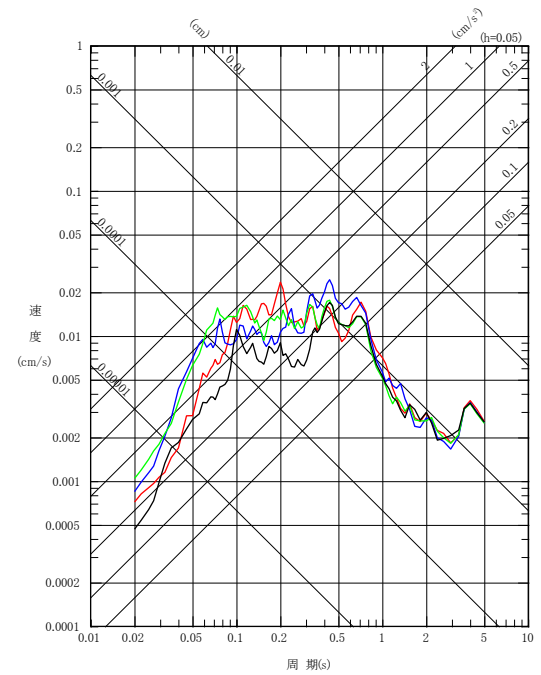
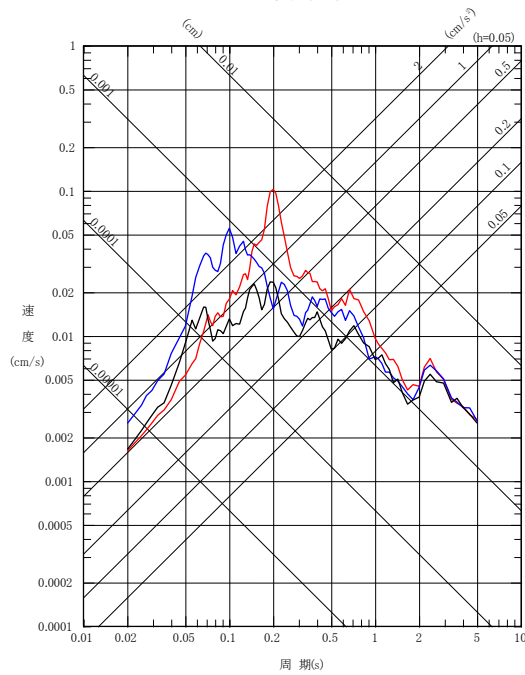
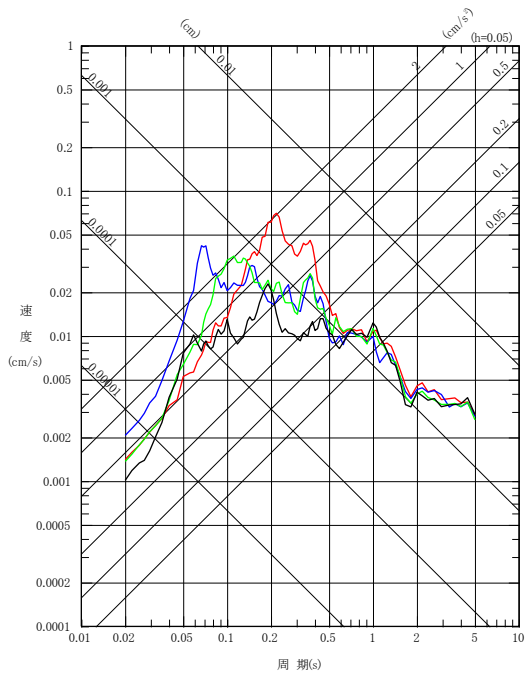
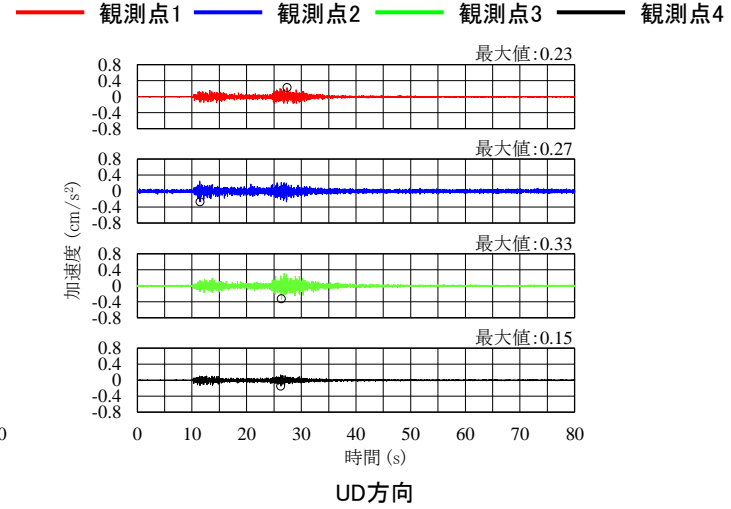
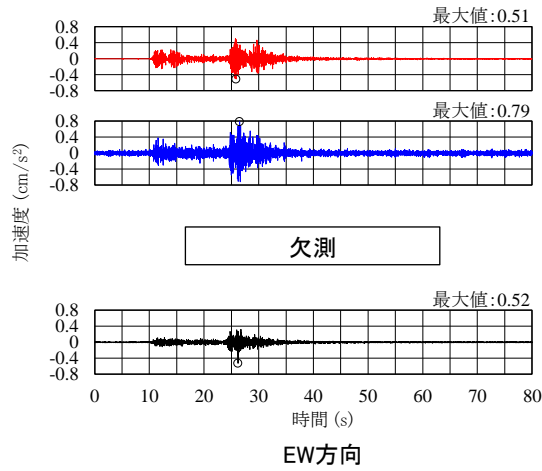
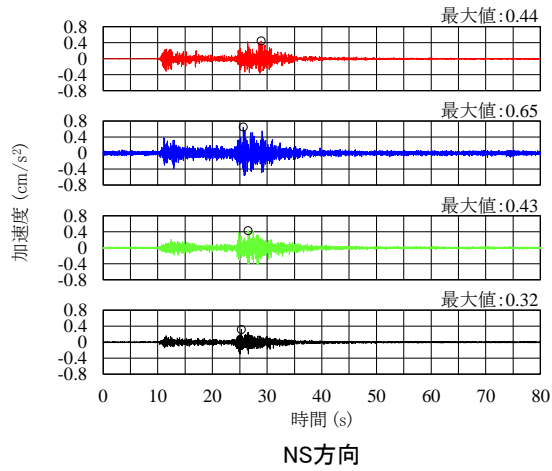


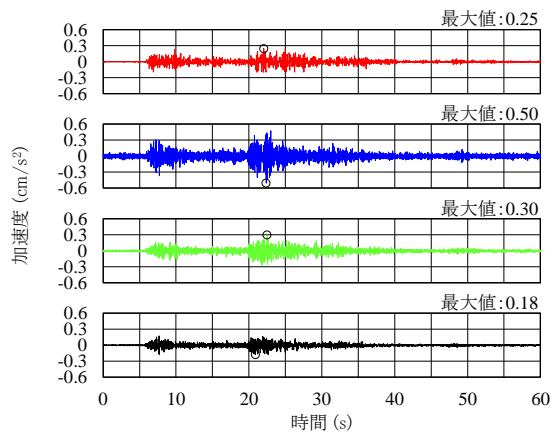
加速度時刻歴波形



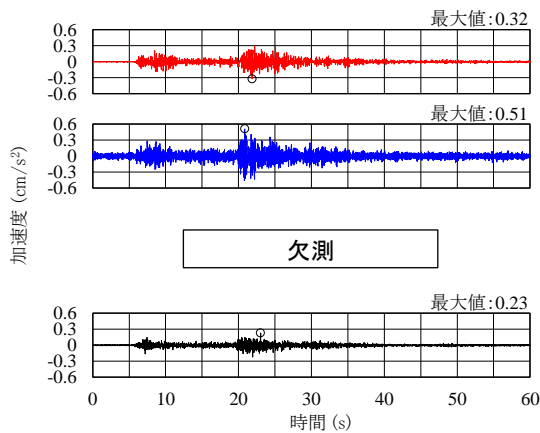
擬似速度応答スペクトル

No.47



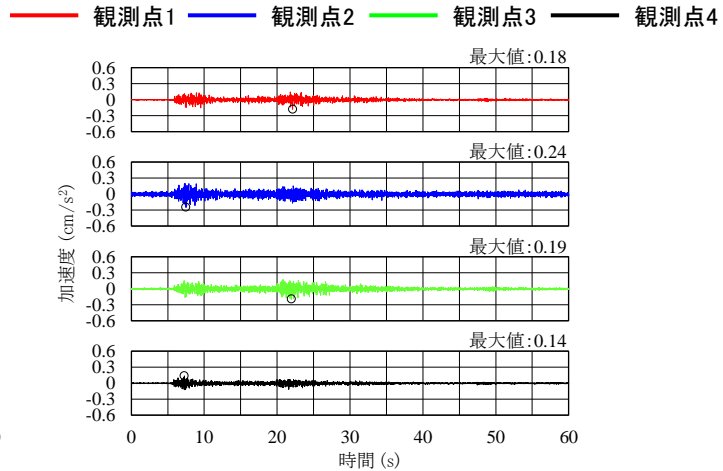


NS方向

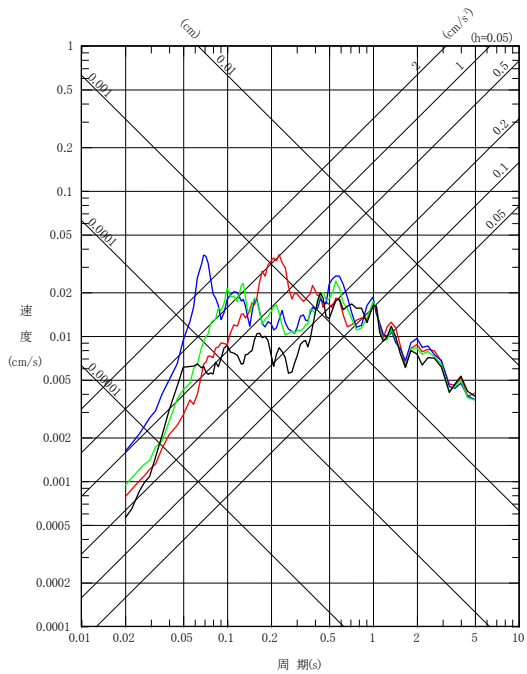


EW方向

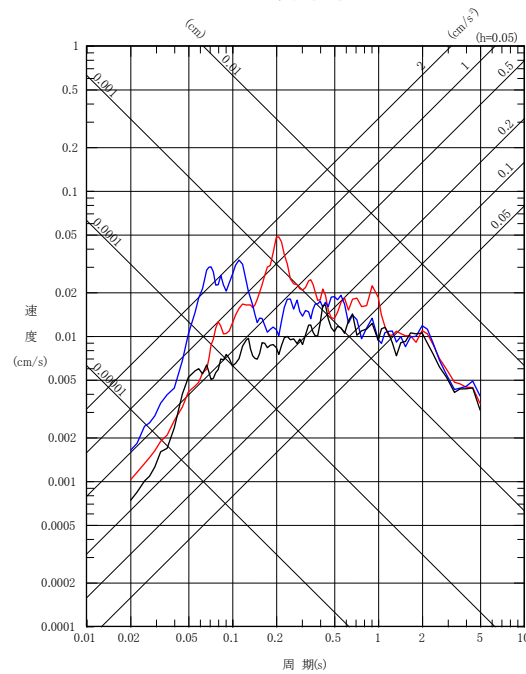
加速度時刻歴波形



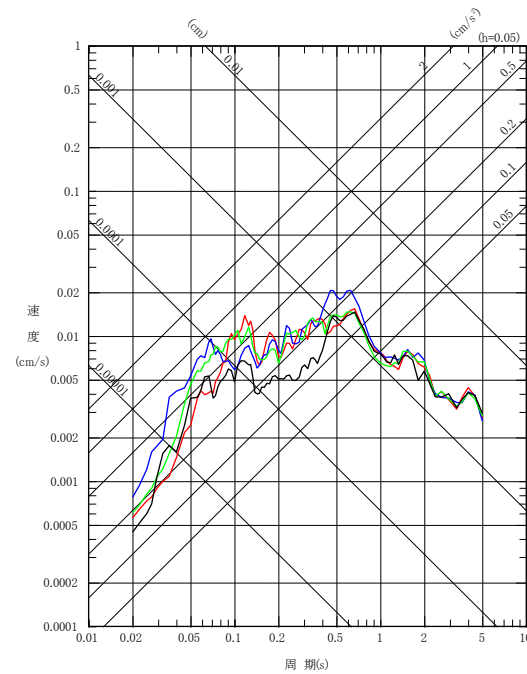
UD方向



NS方向

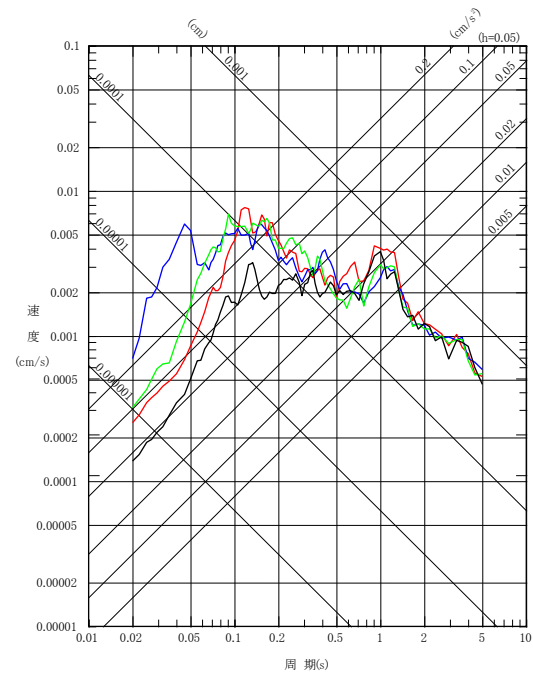
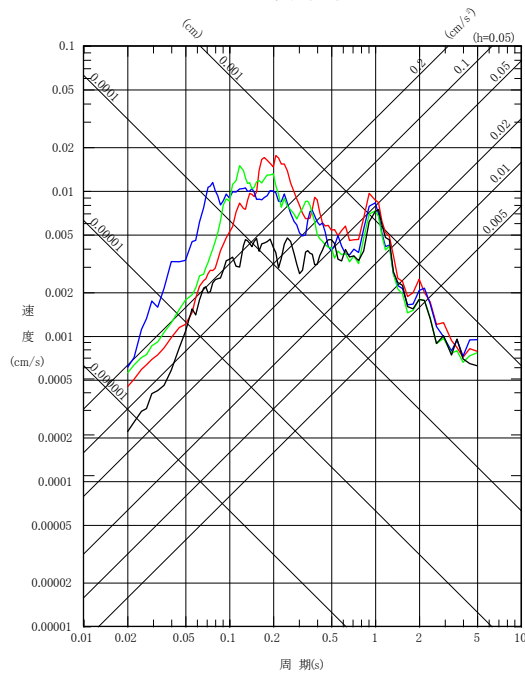
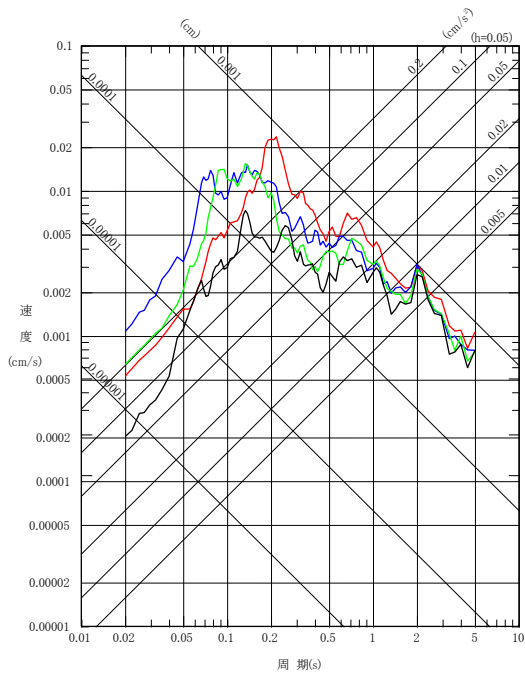
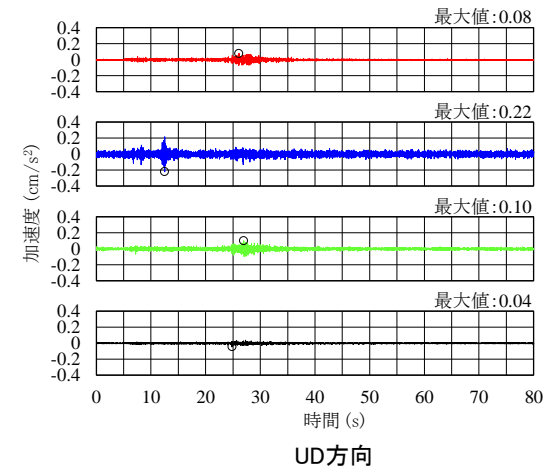
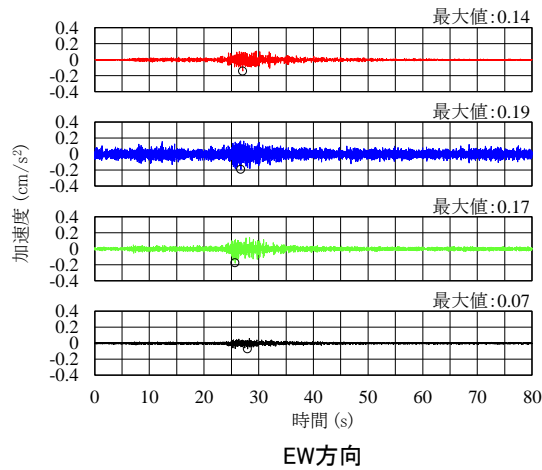
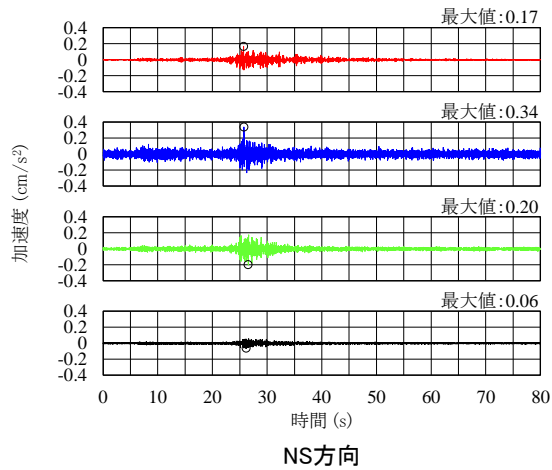


EW方向
擬似速度応答スペクトル



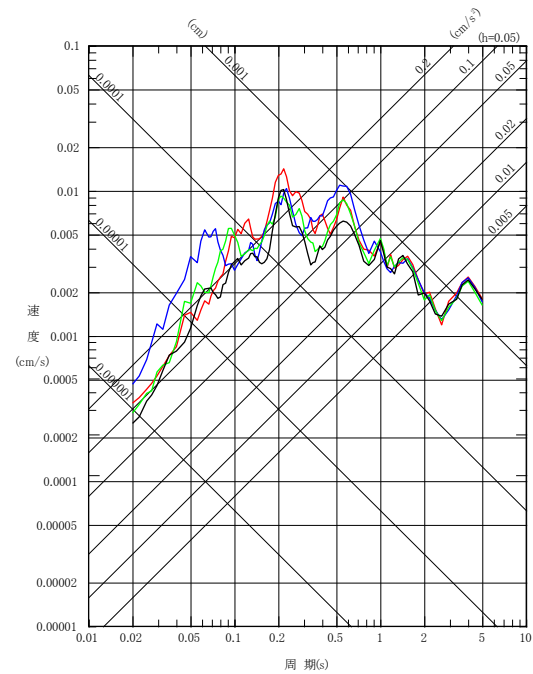
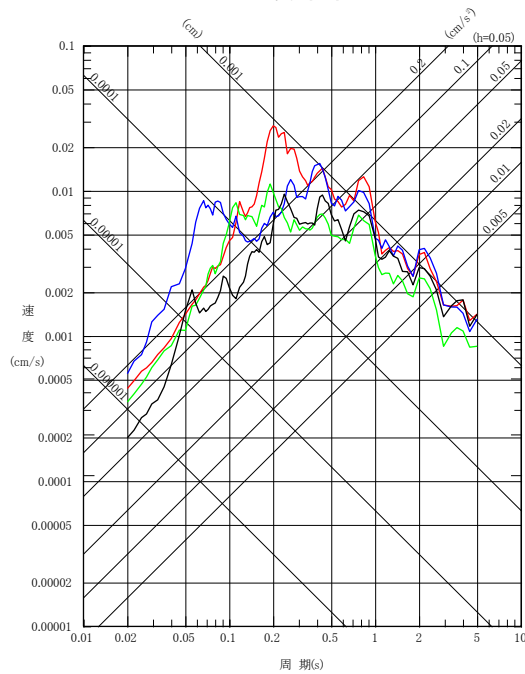
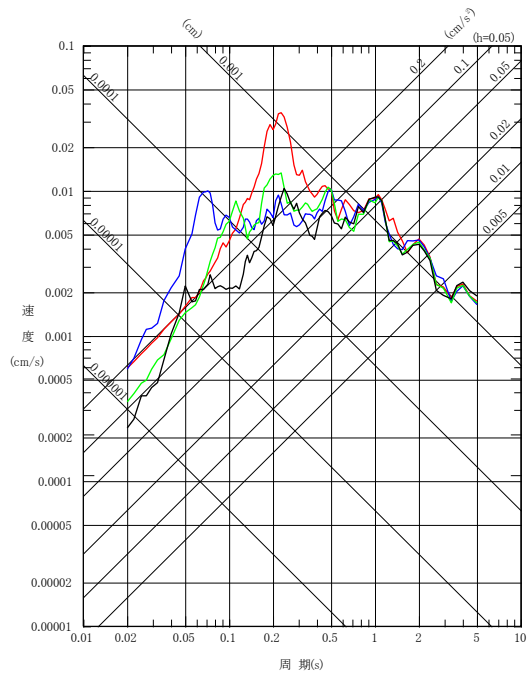
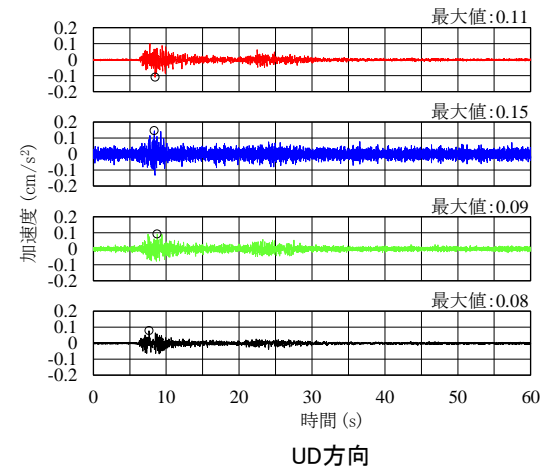
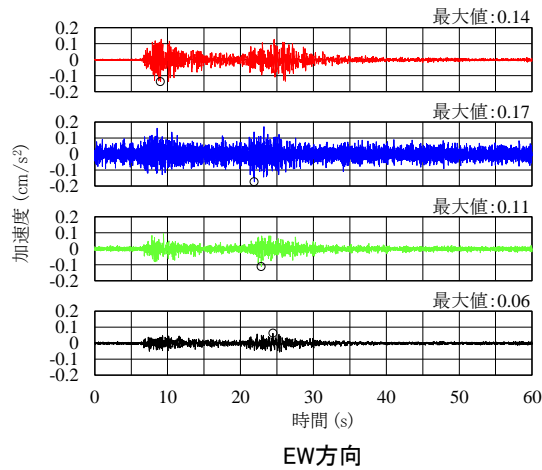
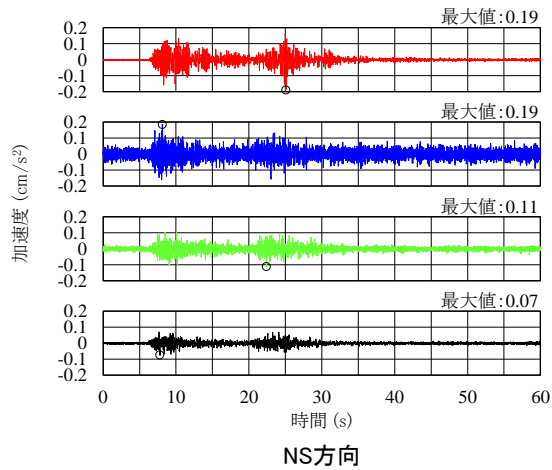
UD方向

No.49



EW方向
擬似速度応答スペクトル

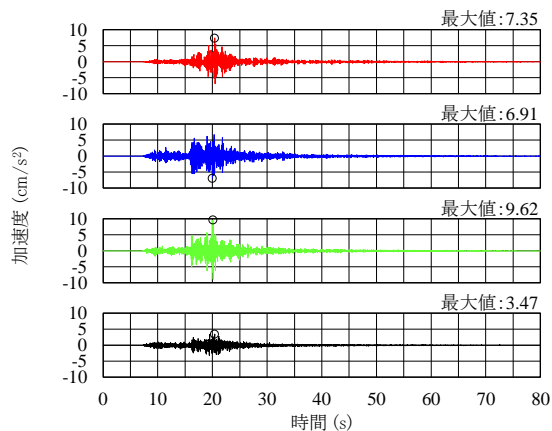
No.50



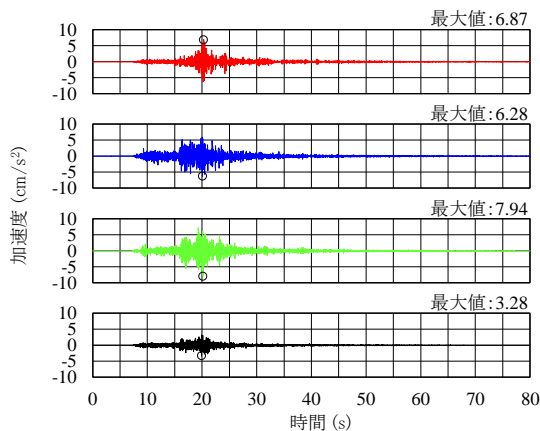
NS方向

EW方向
擬似速度応答スペクトル

UD方向

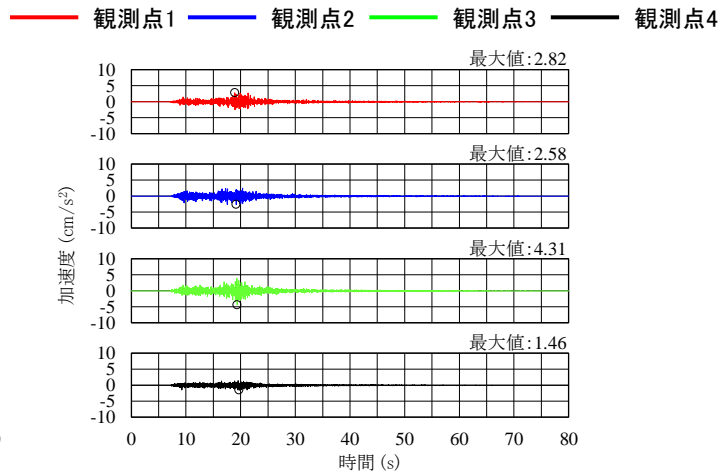


NS方向

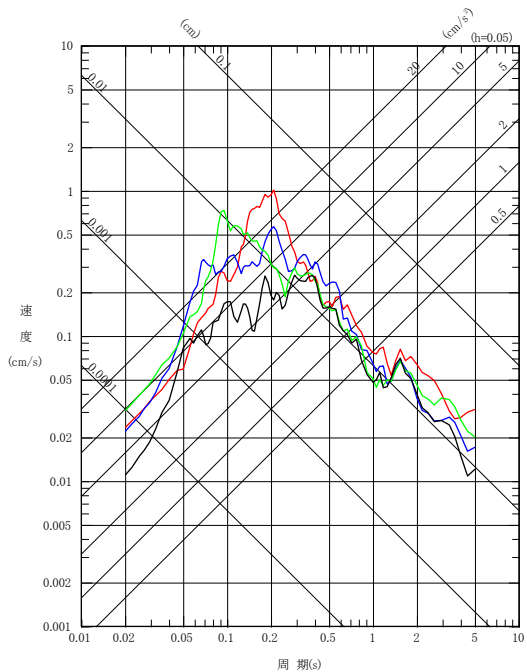


EW方向

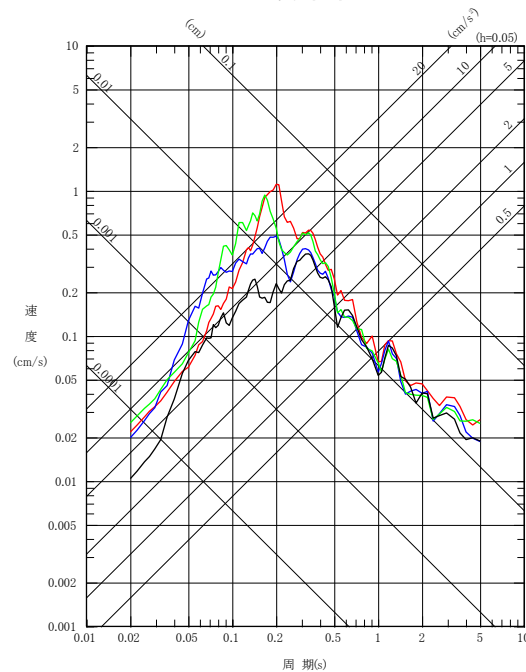
加速度時刻歴波形



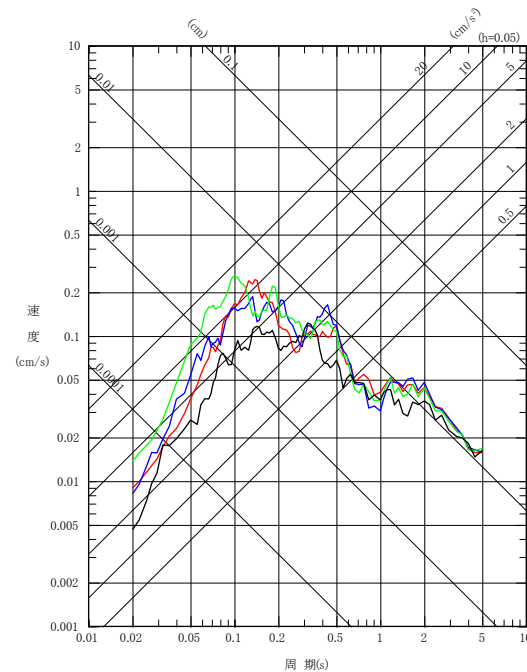
UD方向



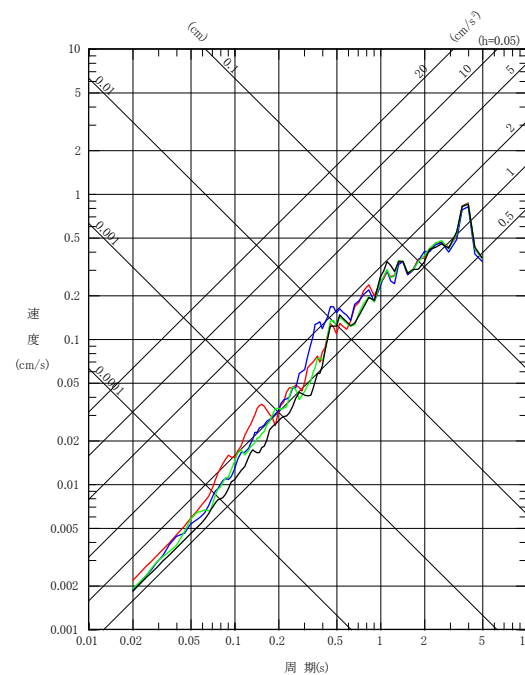
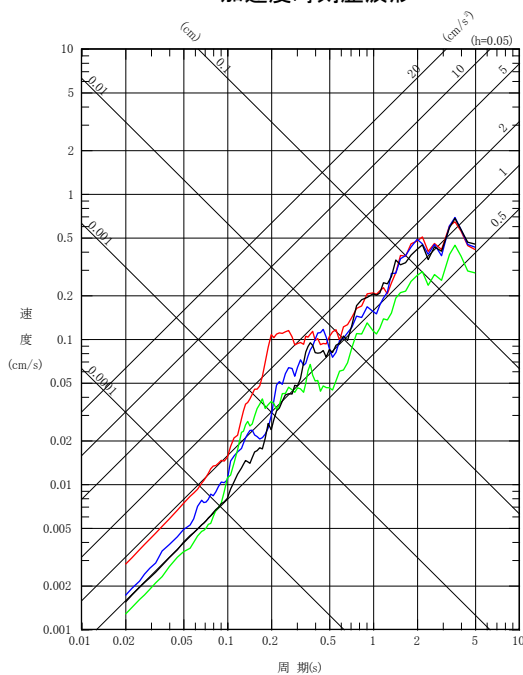
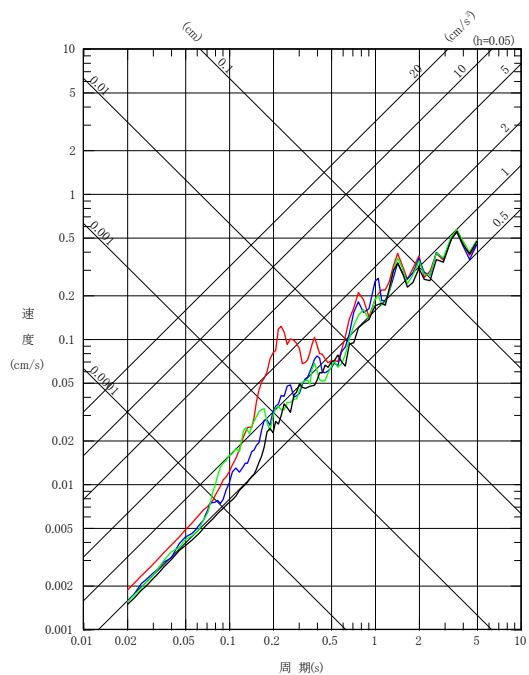
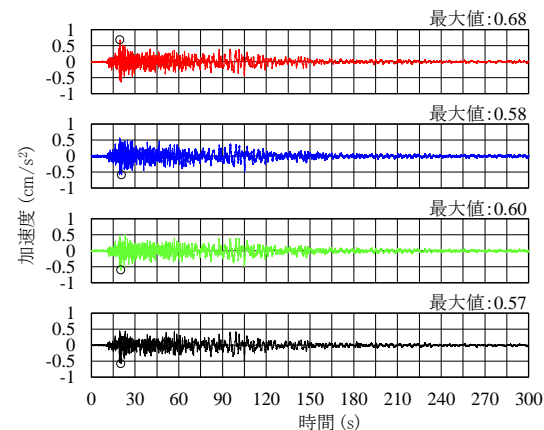
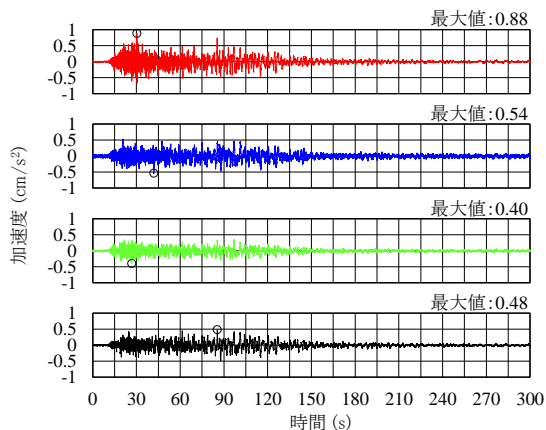
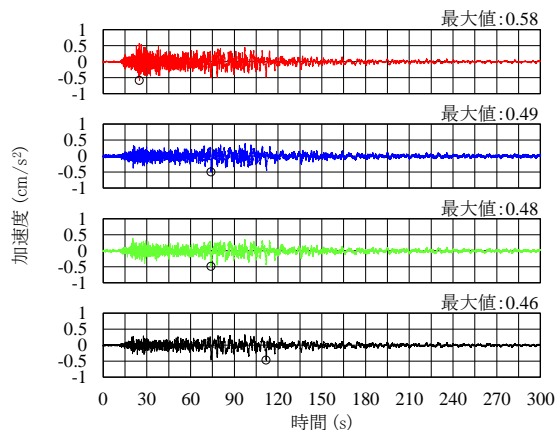
NS方向



EW方向
擬似速度応答スペクトル



UD方向

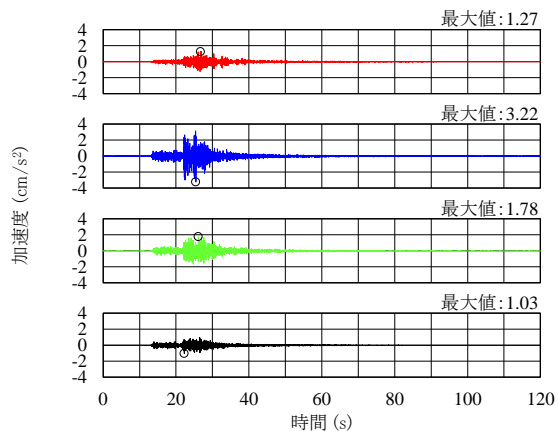


NS方向

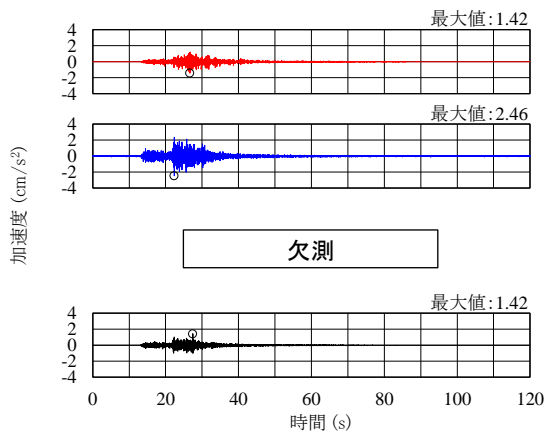
EW方向
擬似速度応答スペクトル

UD方向

No.53

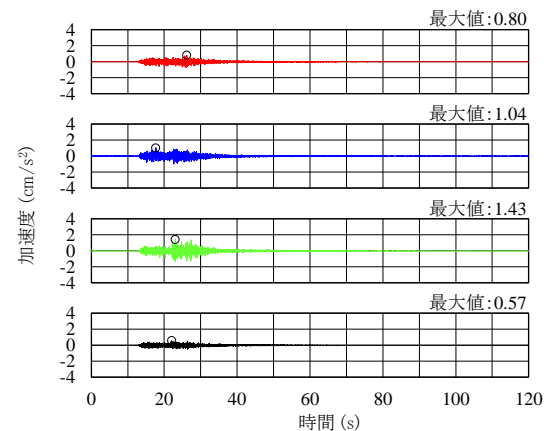


NS方向

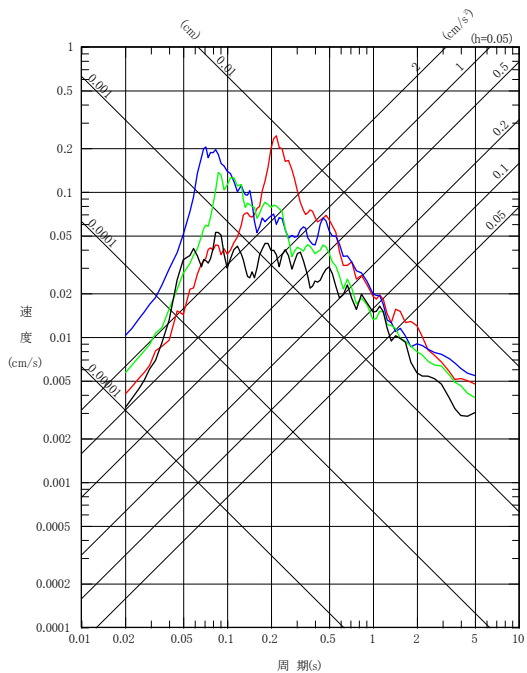


EW方向

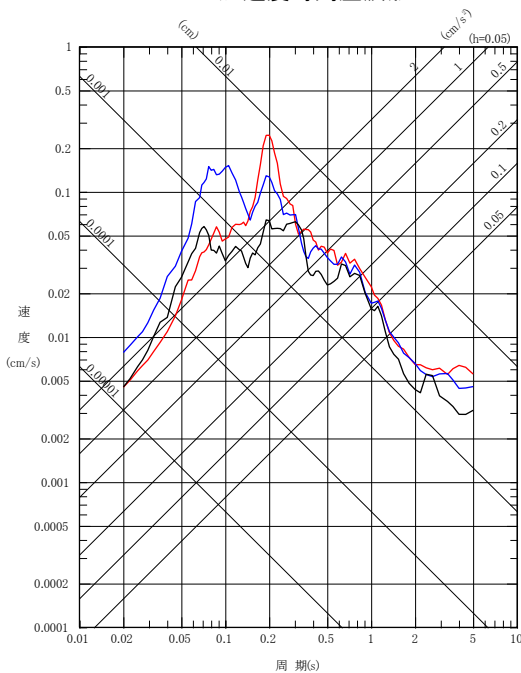
加速度時刻歴波形



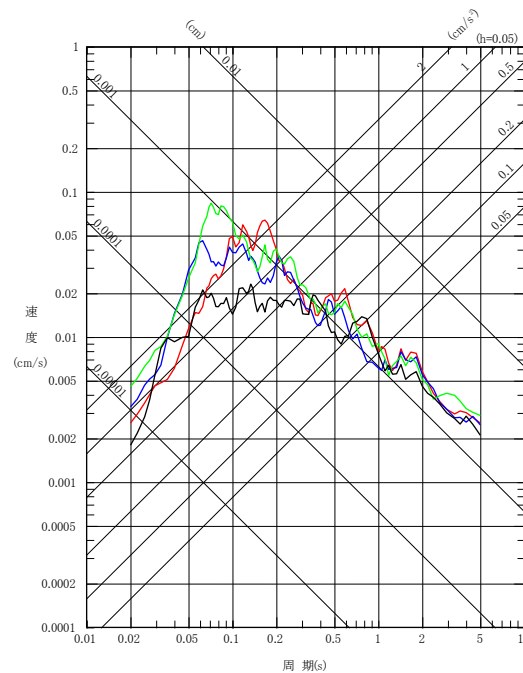
UD方向



NS方向

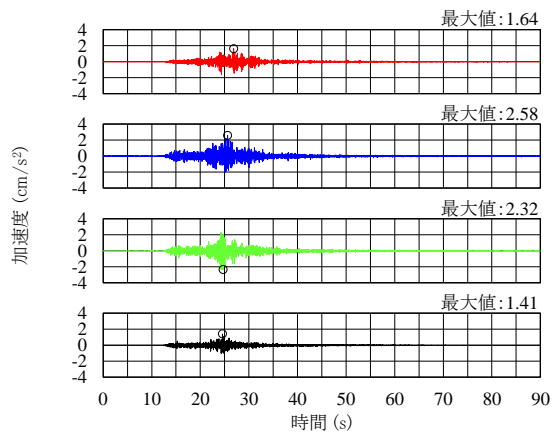


EW方向
擬似速度応答スペクトル

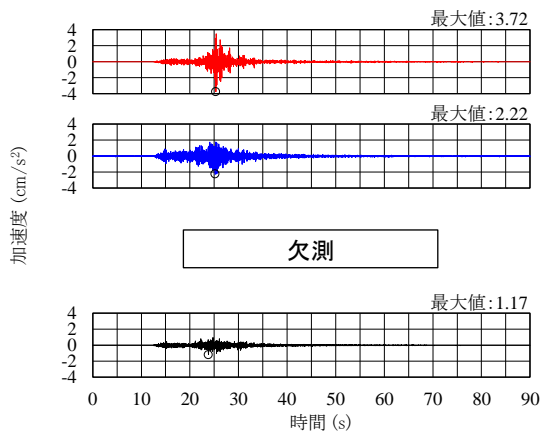


UD方向

No.54

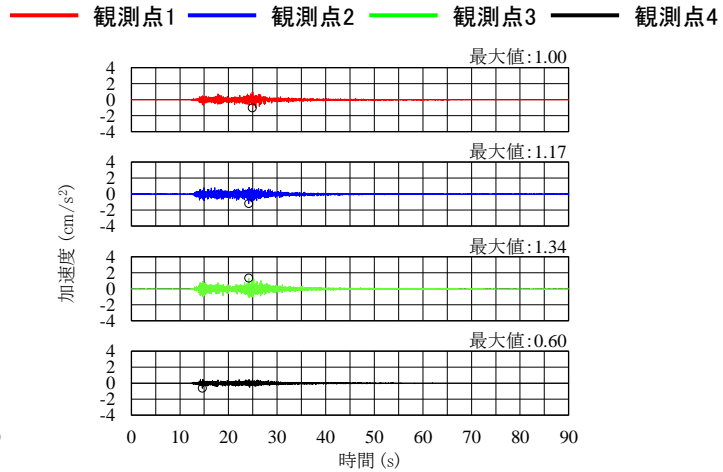


NS方向

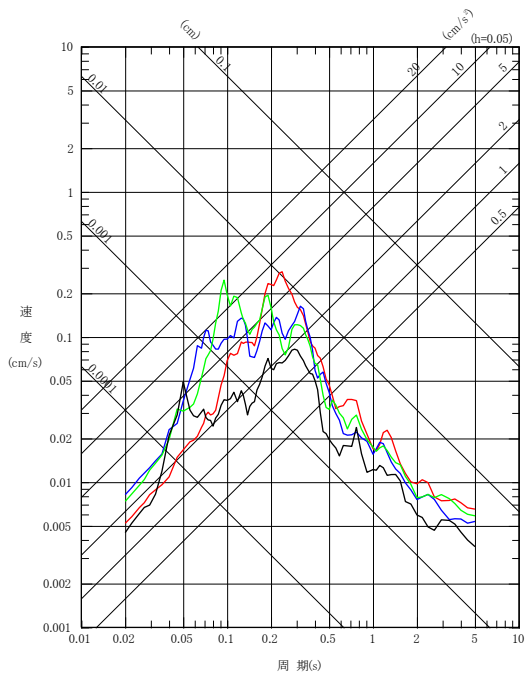


EW方向

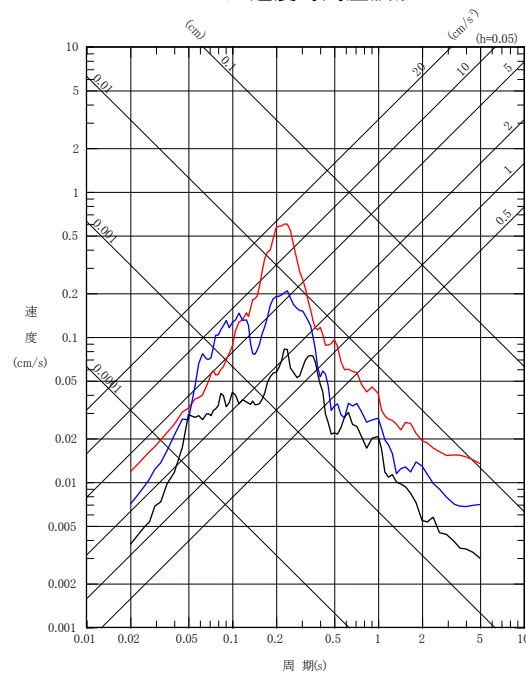
加速度時刻歴波形



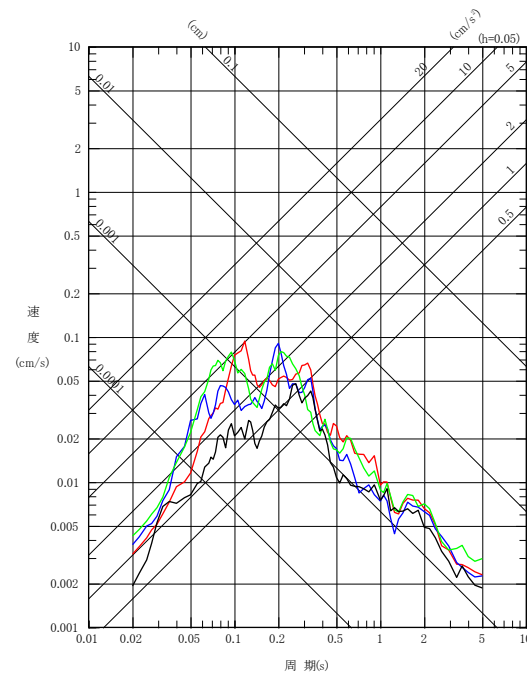
UD方向



NS方向

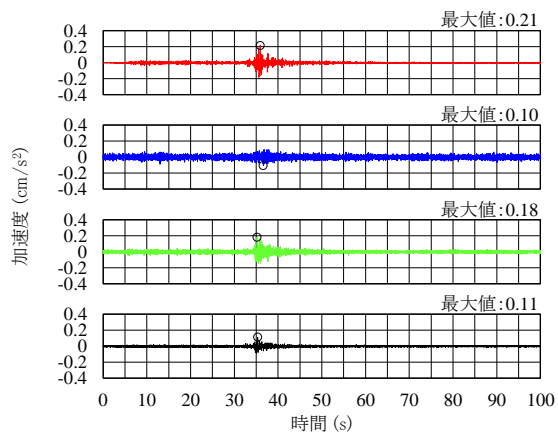


EW方向
擬似速度応答スペクトル

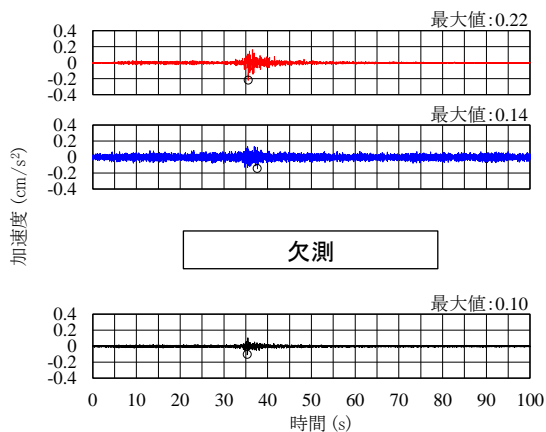


UD方向

No.55

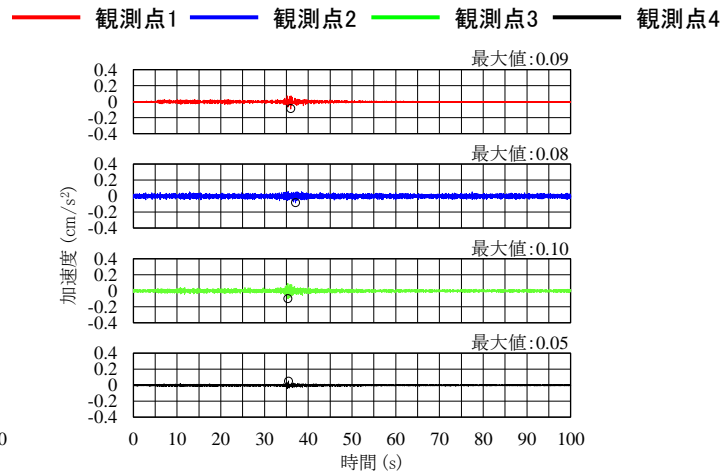


NS方向

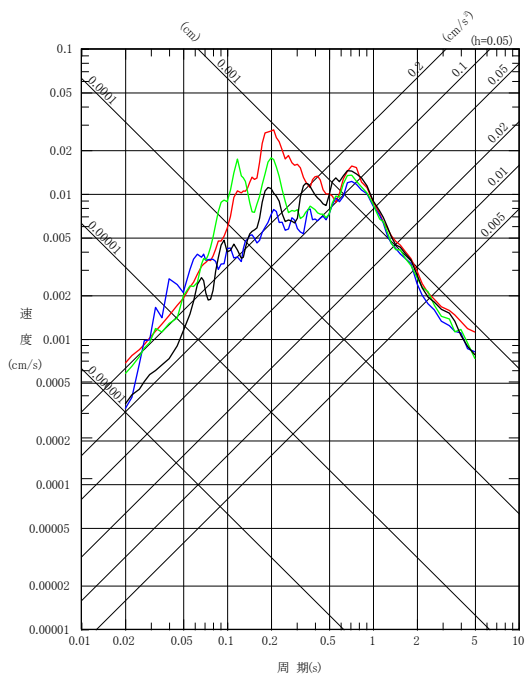


EW方向

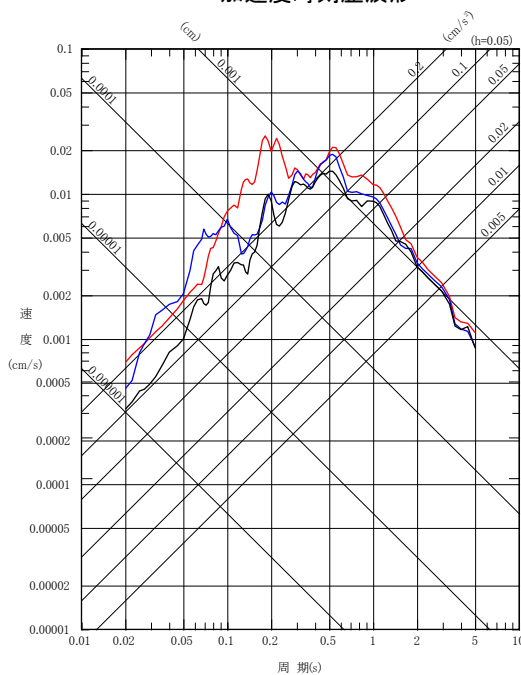
加速度時刻歴波形



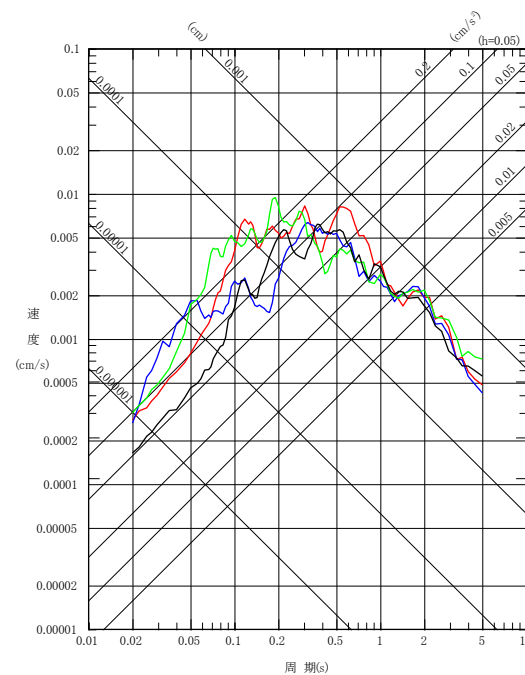
UD方向



NS方向

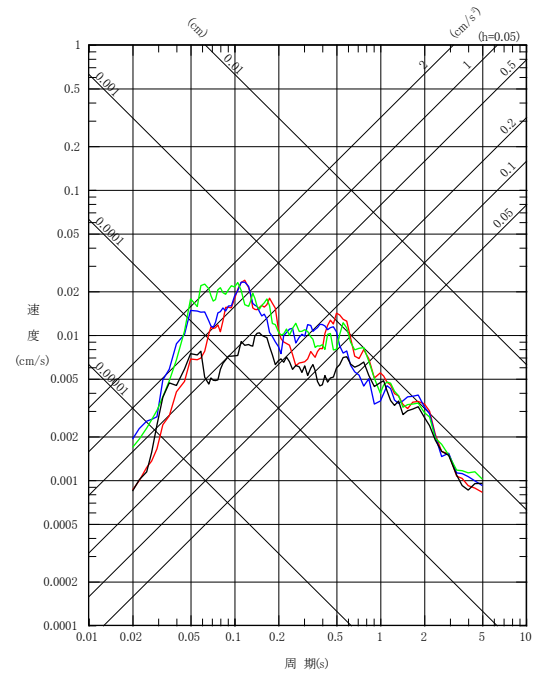
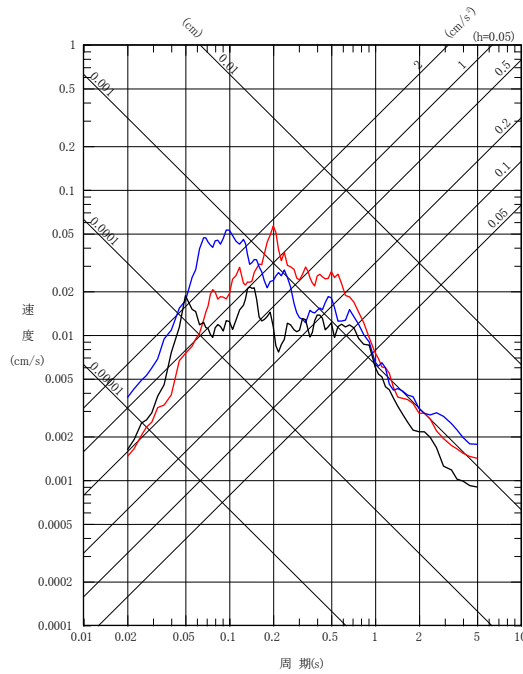
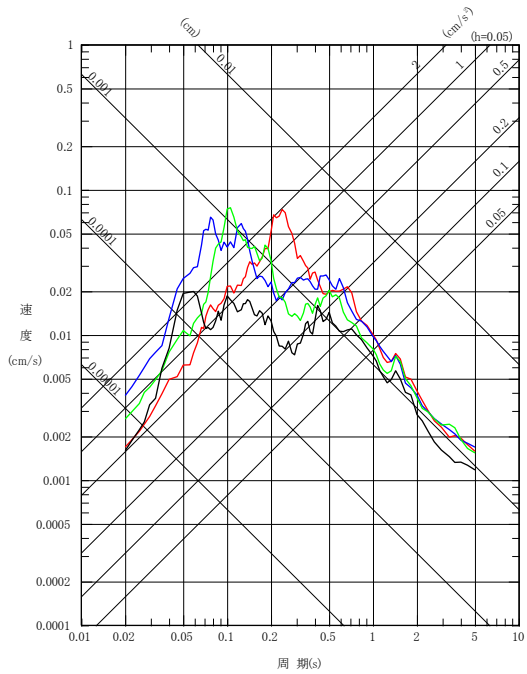
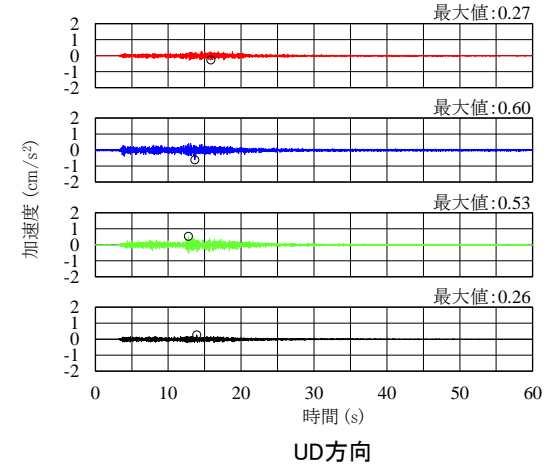
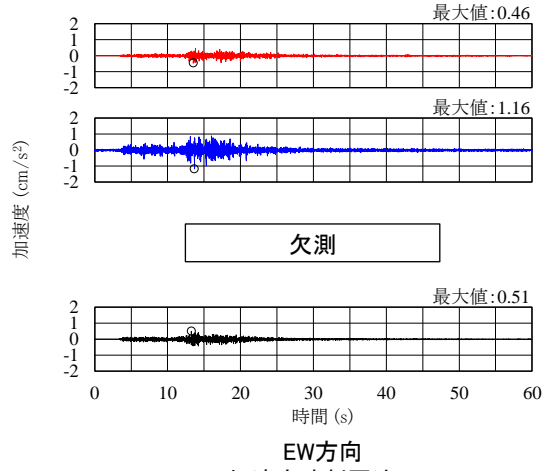
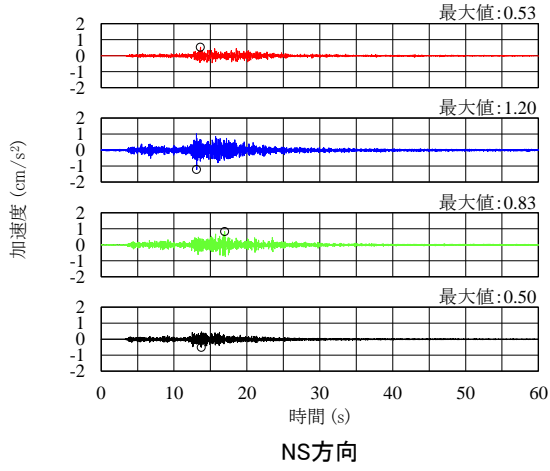


EW方向
擬似速度応答スペクトル



UD方向

No.56

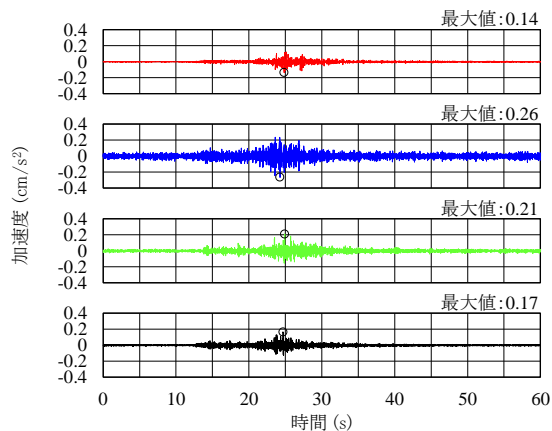


NS方向

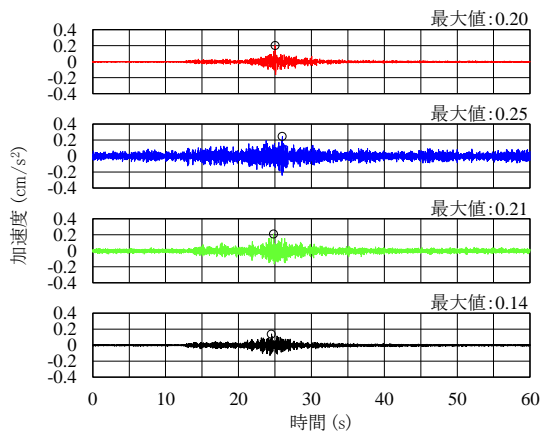
EW方向
擬似速度応答スペクトル

UD方向

No.57

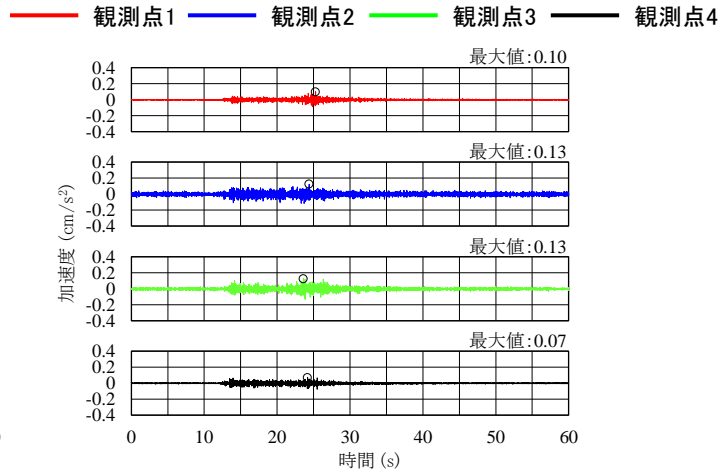


NS方向

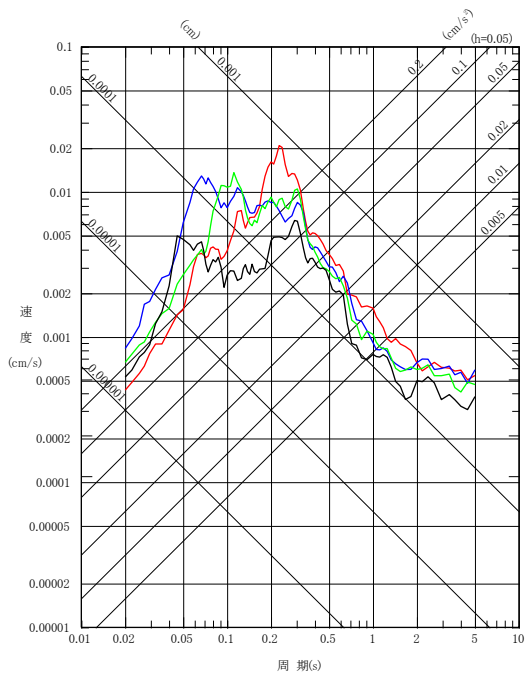


EW方向

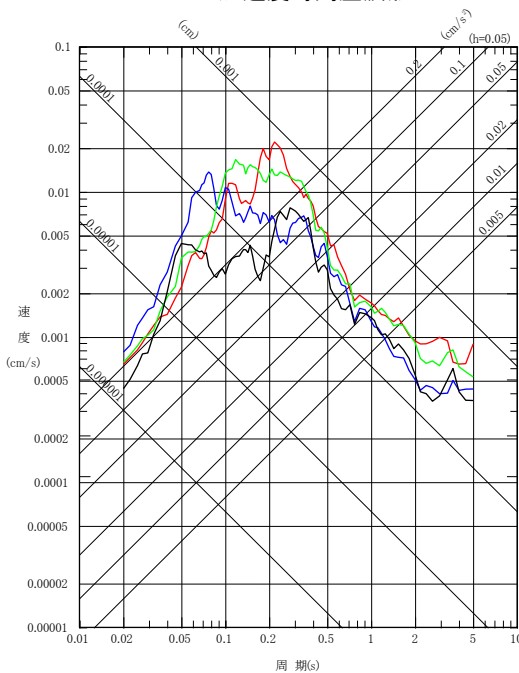
加速度時刻歴波形



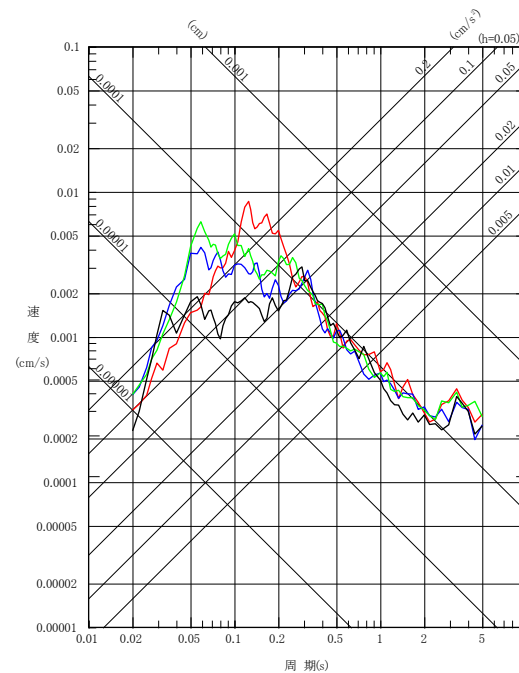
UD方向



NS方向

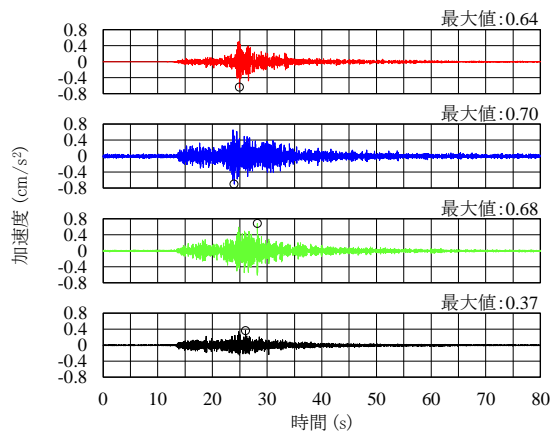


EW方向
擬似速度応答スペクトル

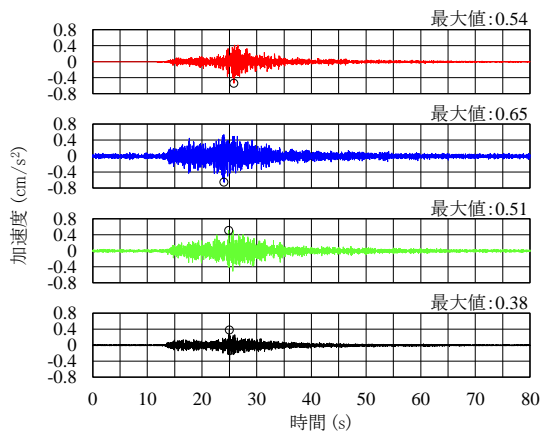


UD方向

No.58

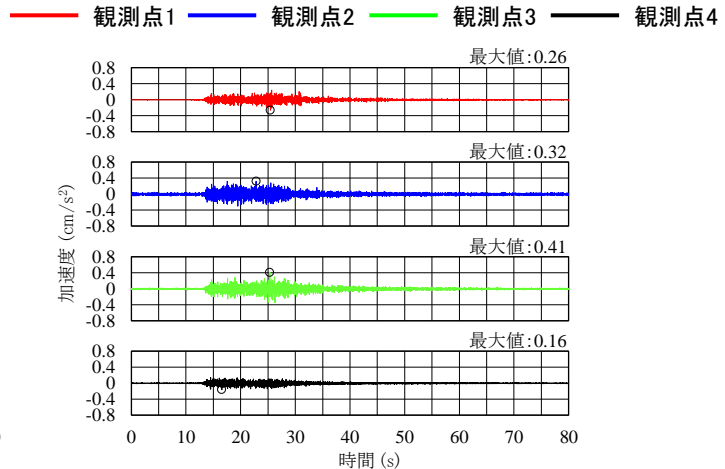


NS方向

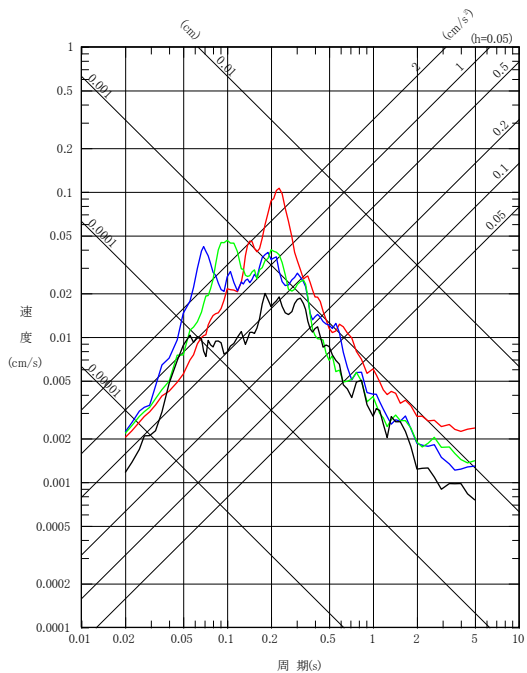


EW方向

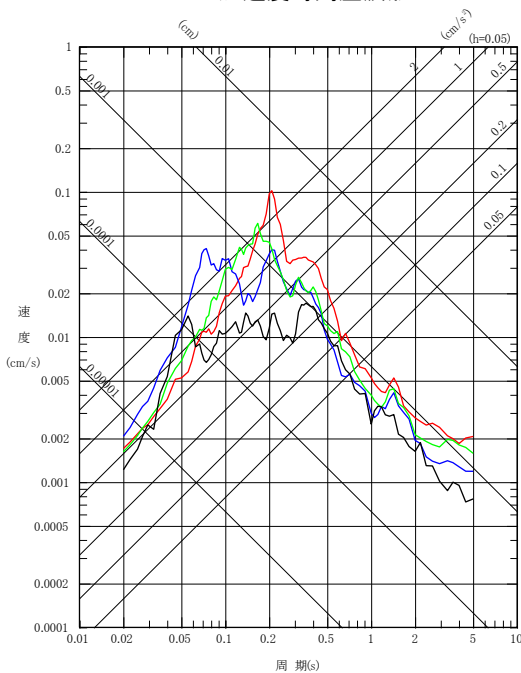
加速度時刻歴波形



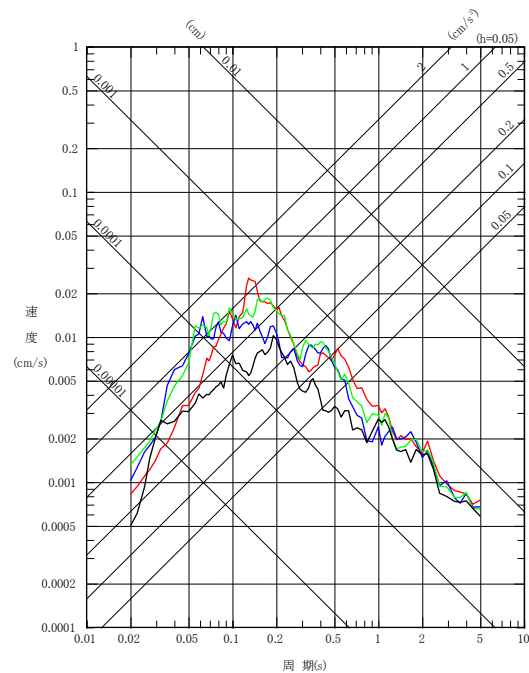
UD方向



NS方向

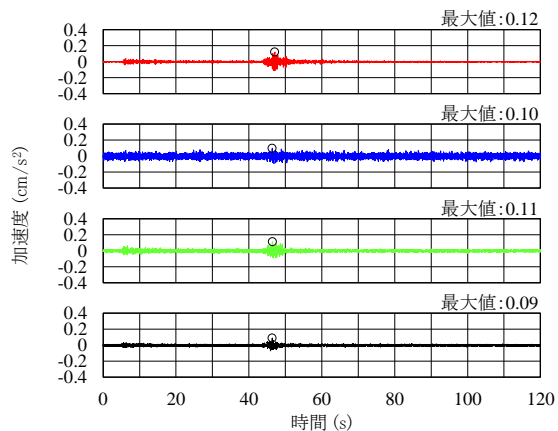


EW方向
擬似速度応答スペクトル

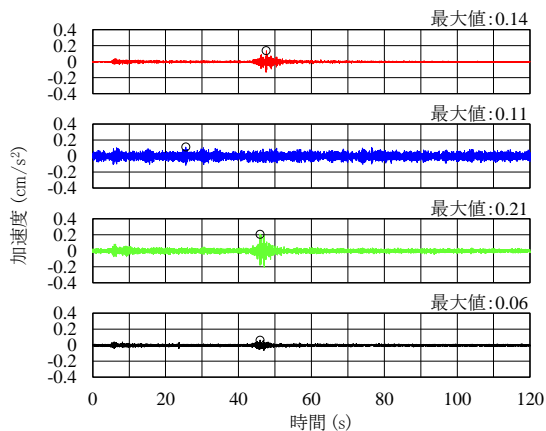


UD方向

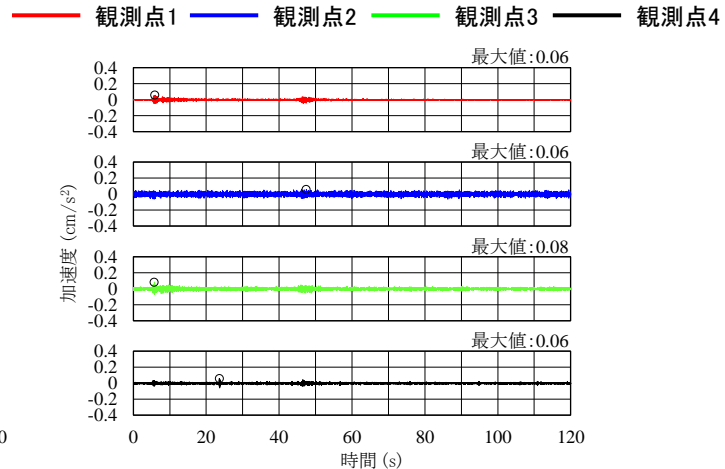
No.59



NS方向

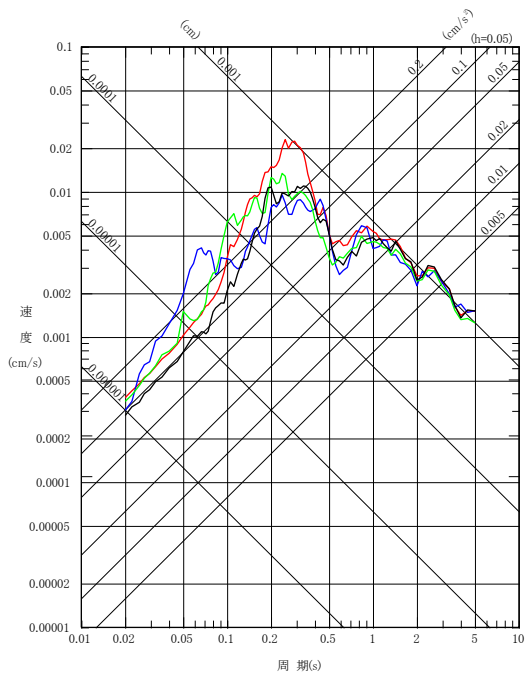


EW方向

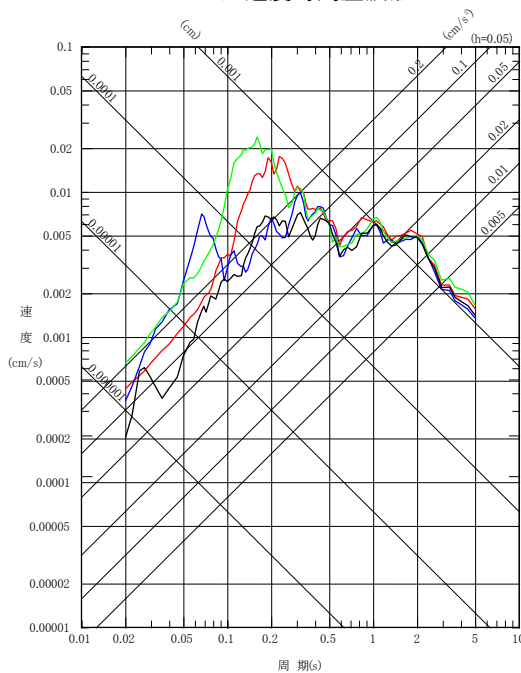


UD方向

加速度時刻歴波形

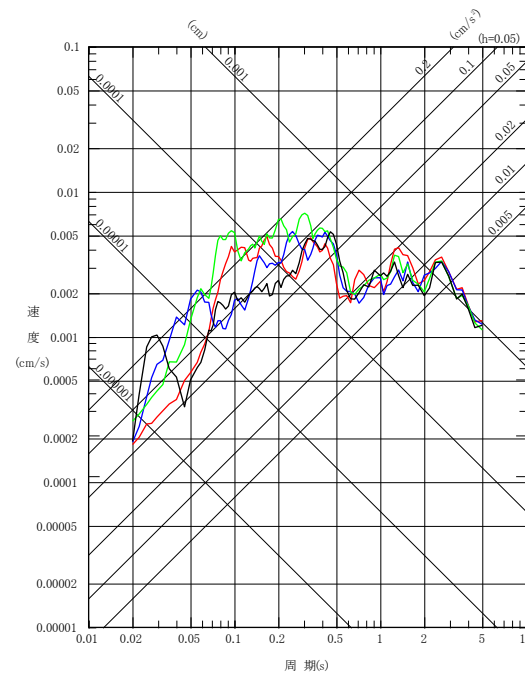


NS方向

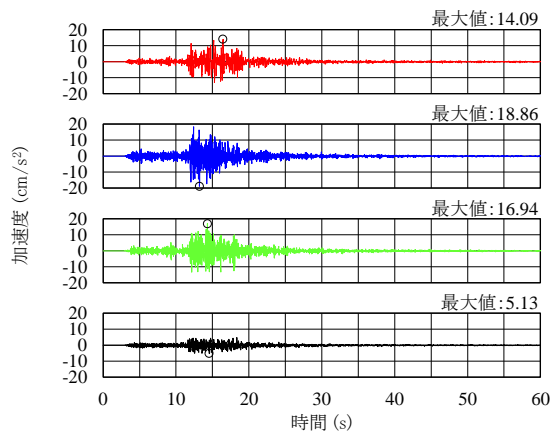


EW方向

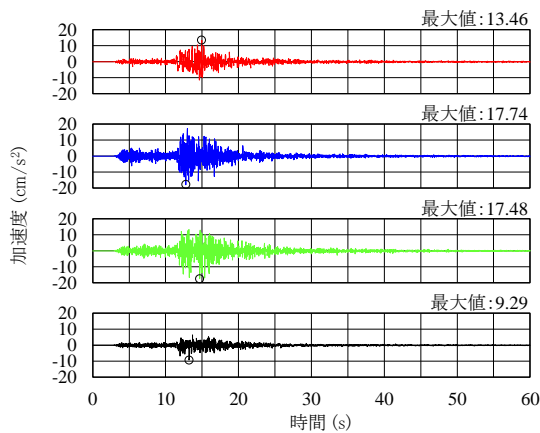
擬似速度応答スペクトル



UD方向

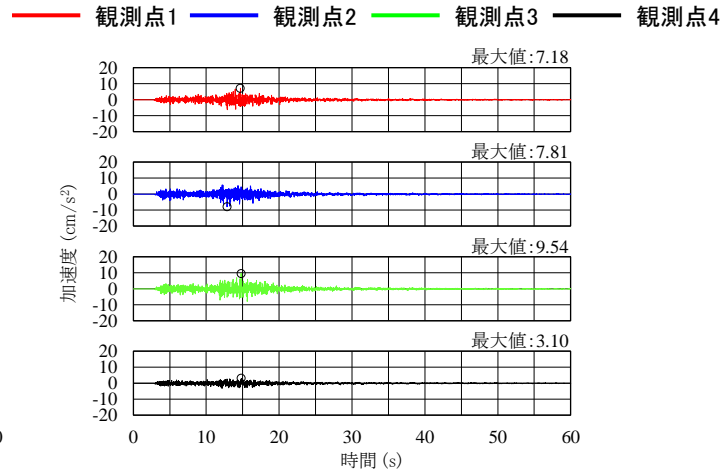


NS方向

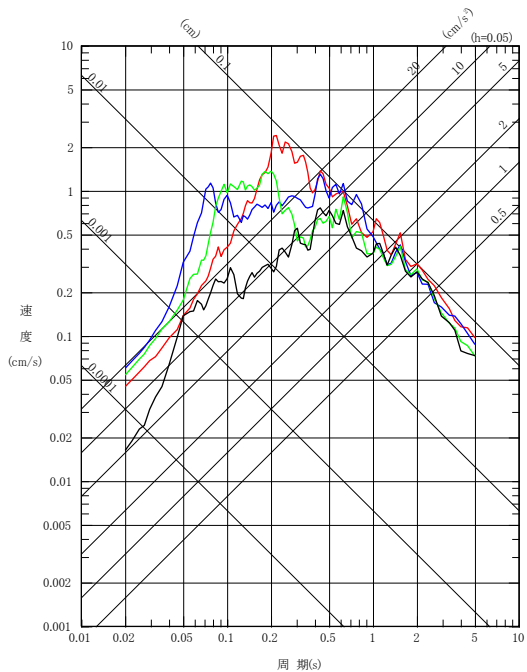


EW方向

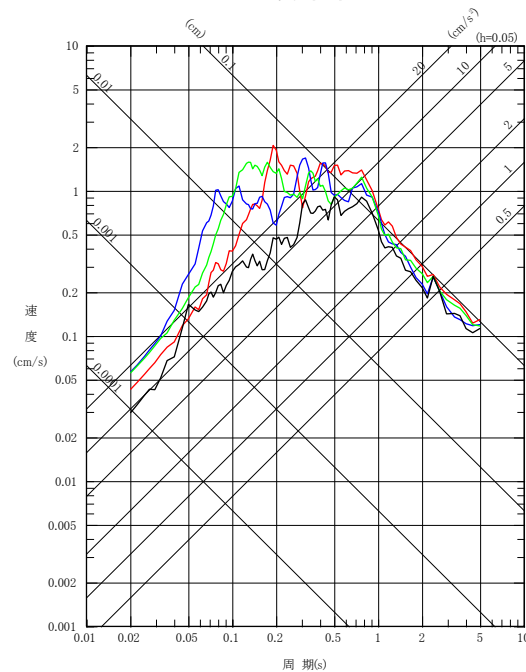
加速度時刻歴波形



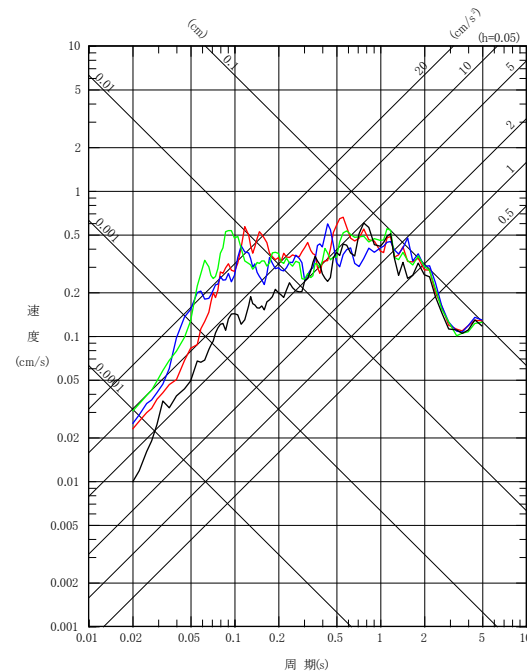
UD方向



NS方向

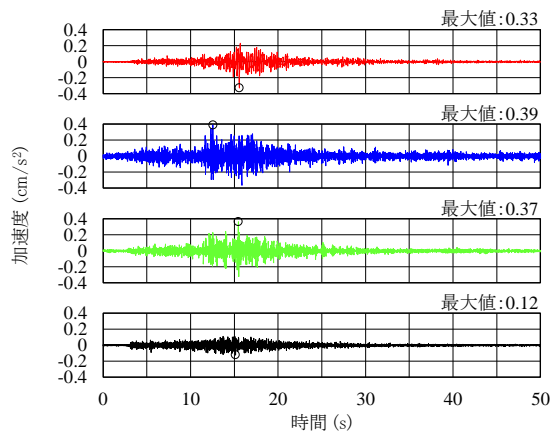


EW方向
擬似速度応答スペクトル

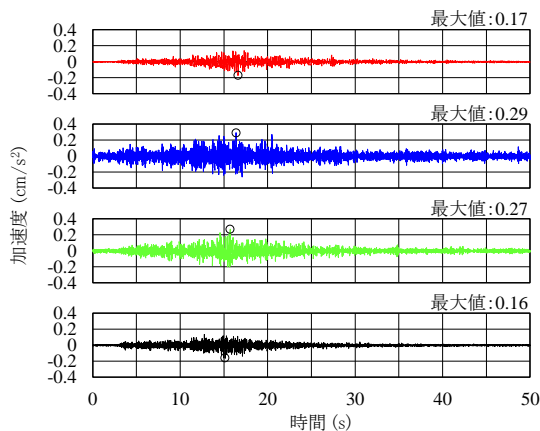


UD方向

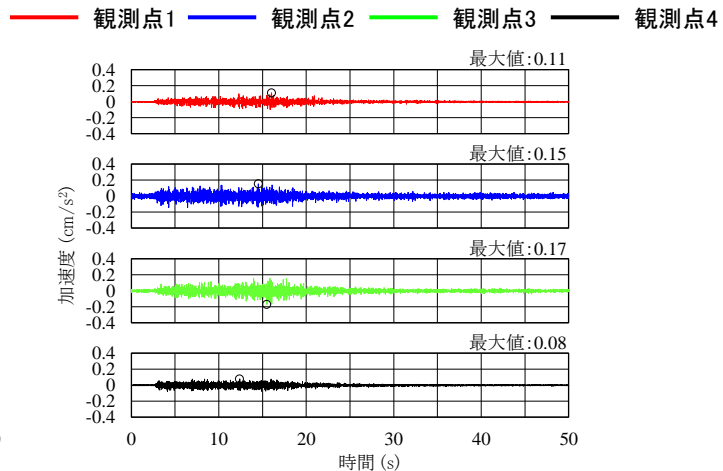
No.61



NS方向

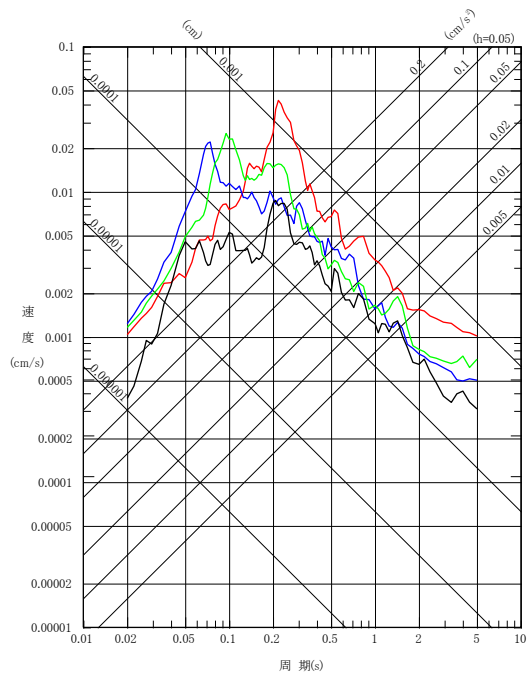


EW方向

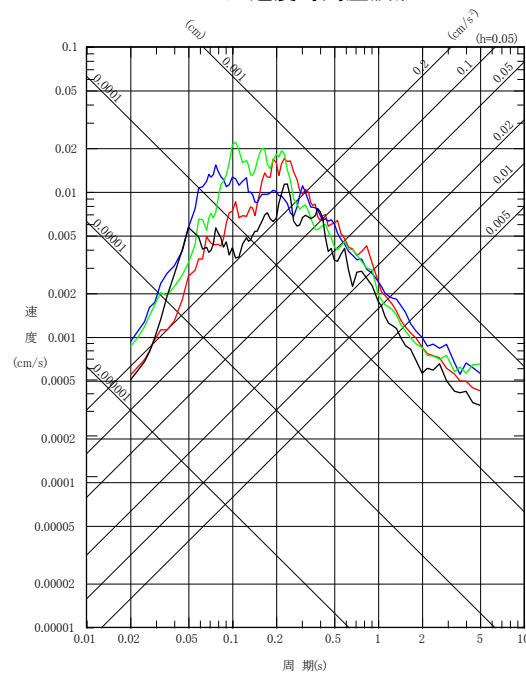


UD方向

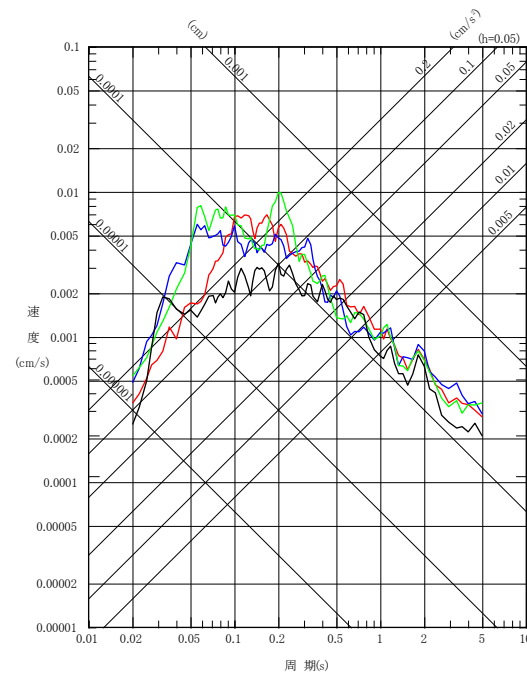
加速度時刻歴波形



NS方向



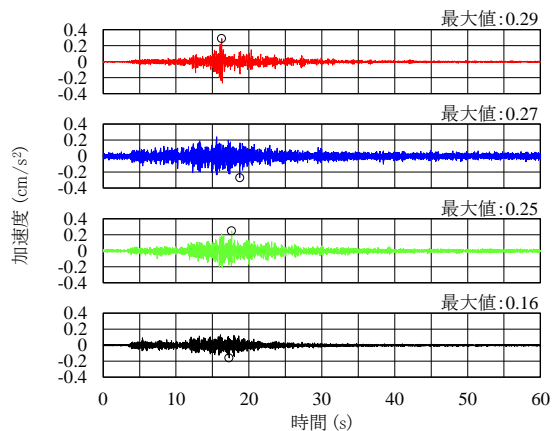
EW方向



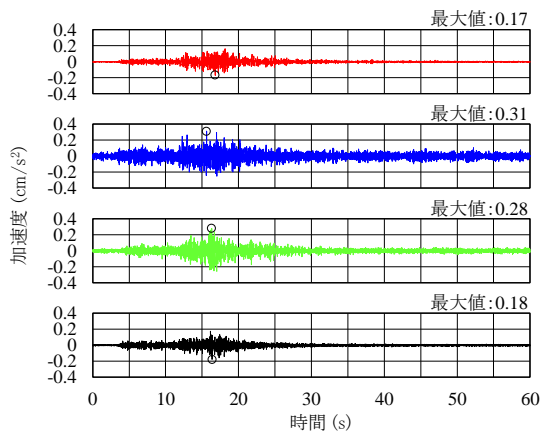
UD方向

擬似速度応答スペクトル

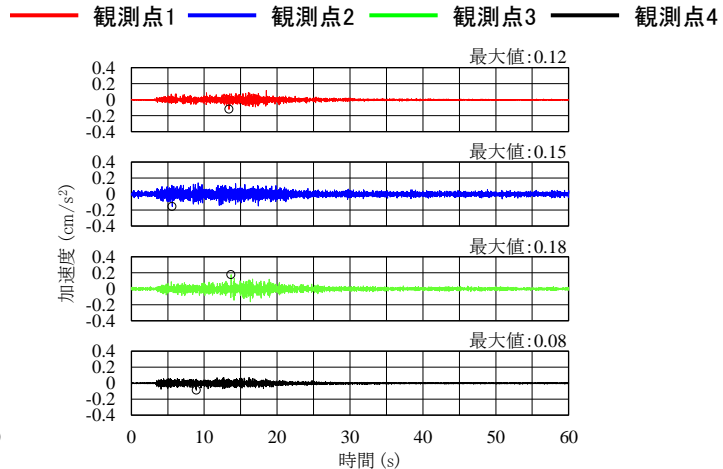
No.62



NS方向

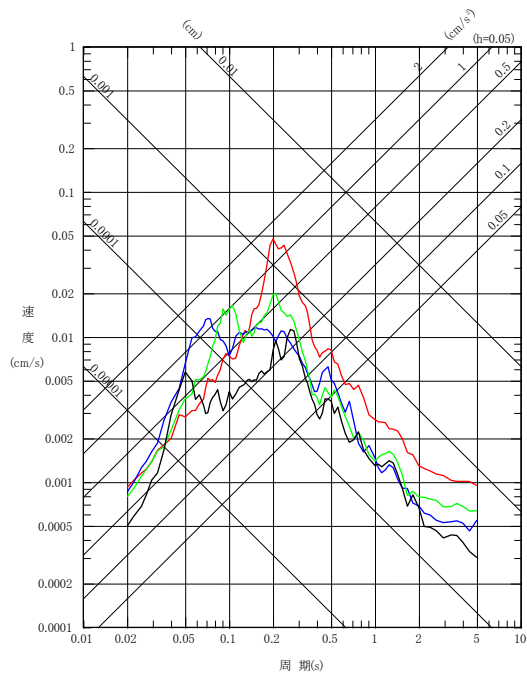


EW方向

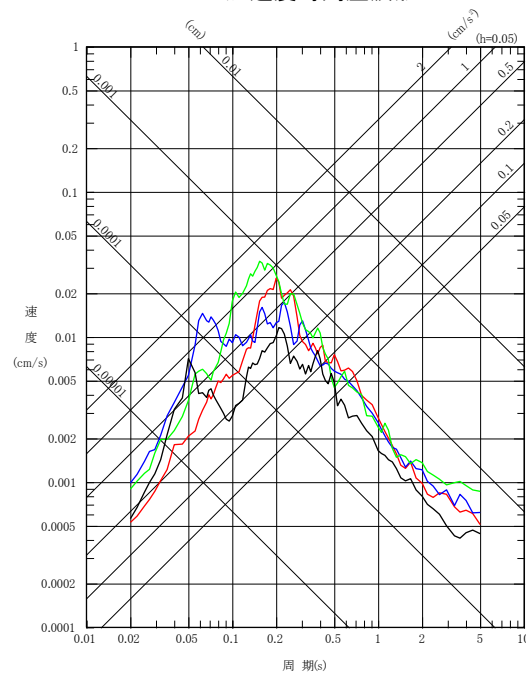


UD方向

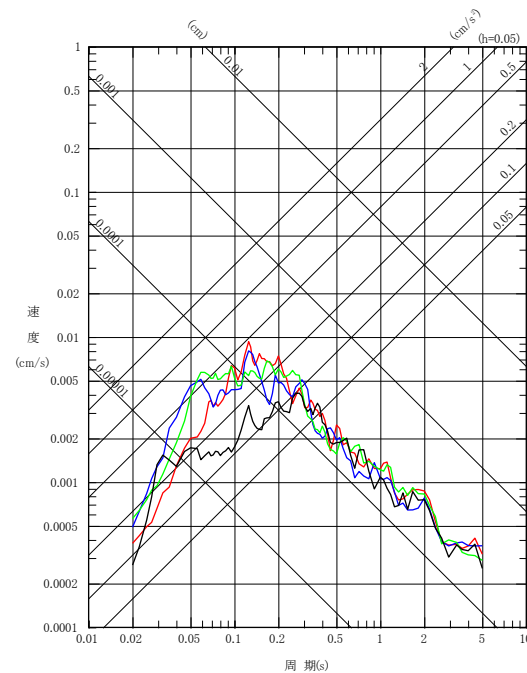
加速度時刻歴波形



NS方向

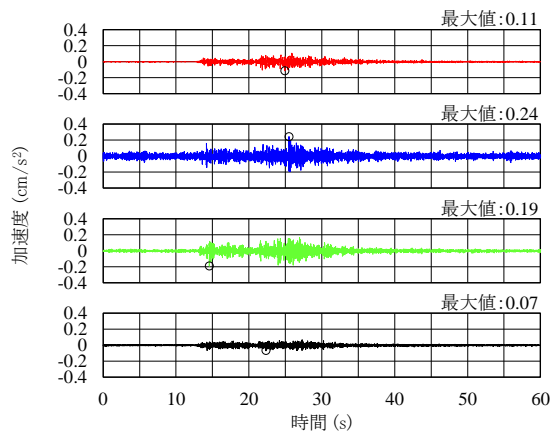


EW方向
擬似速度応答スペクトル

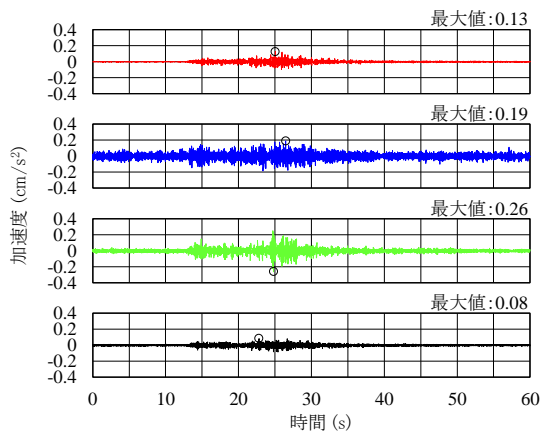


UD方向

No.63

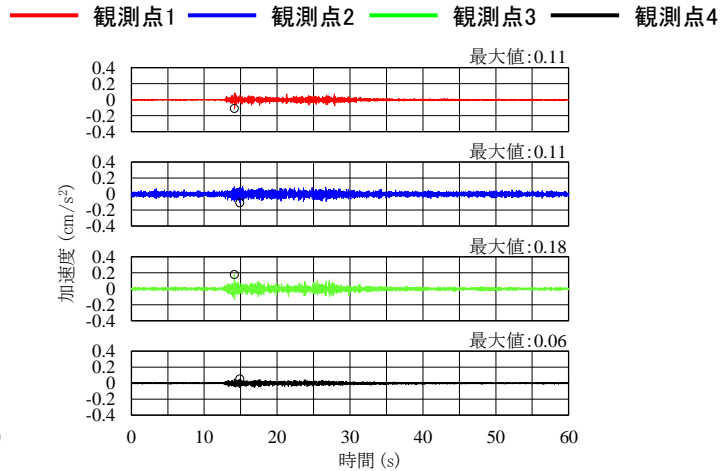


NS方向

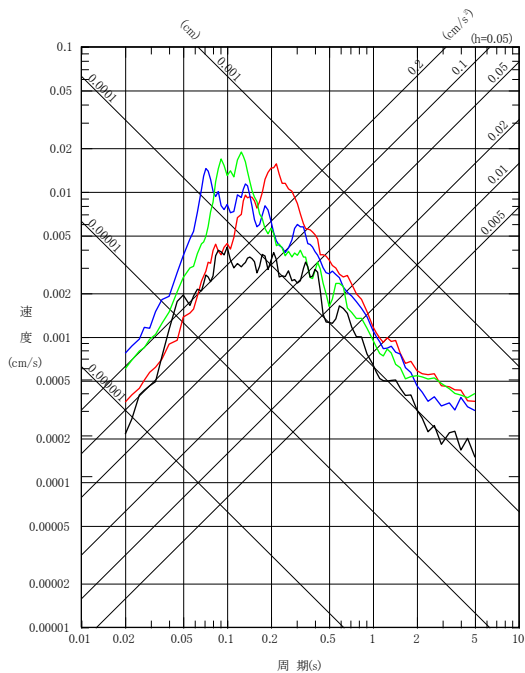


EW方向

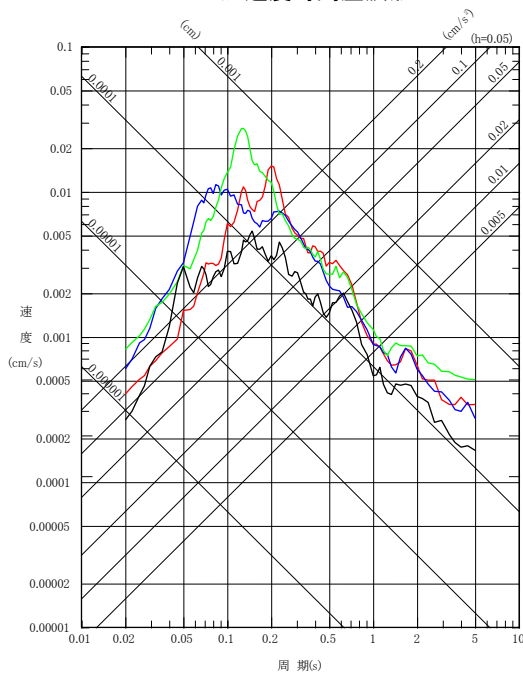
加速度時刻歴波形



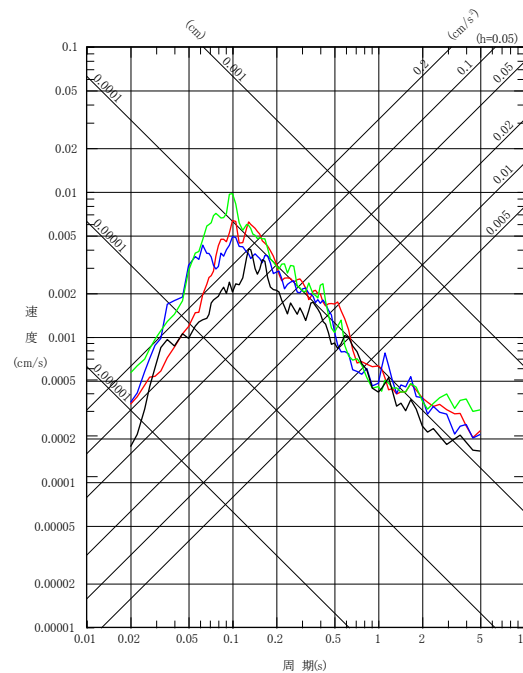
UD方向



NS方向

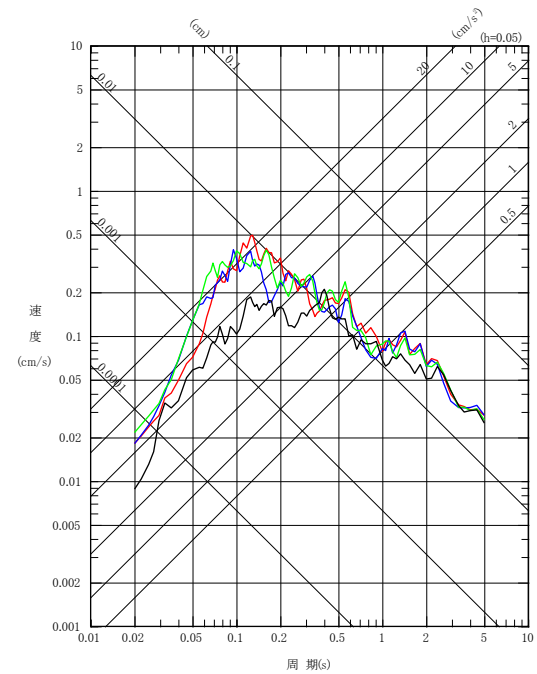
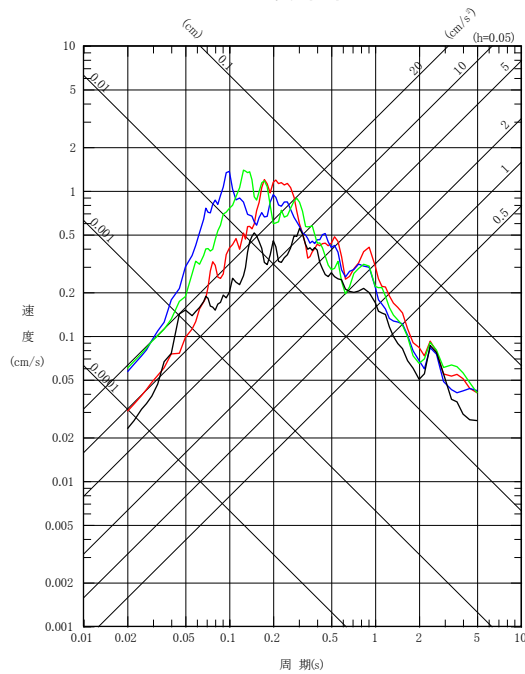
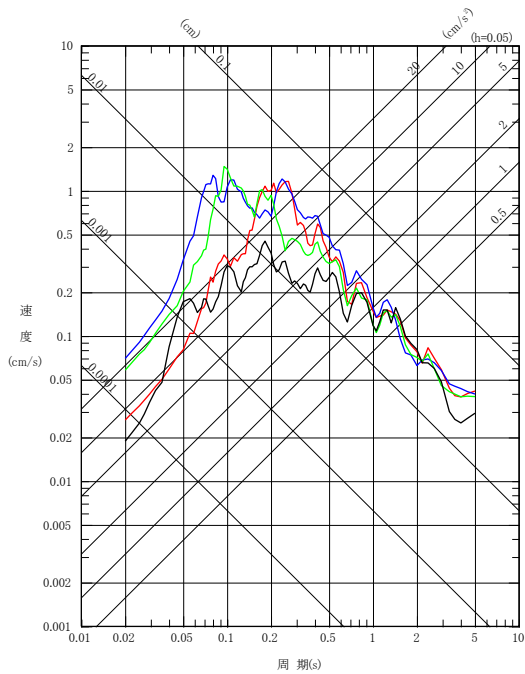
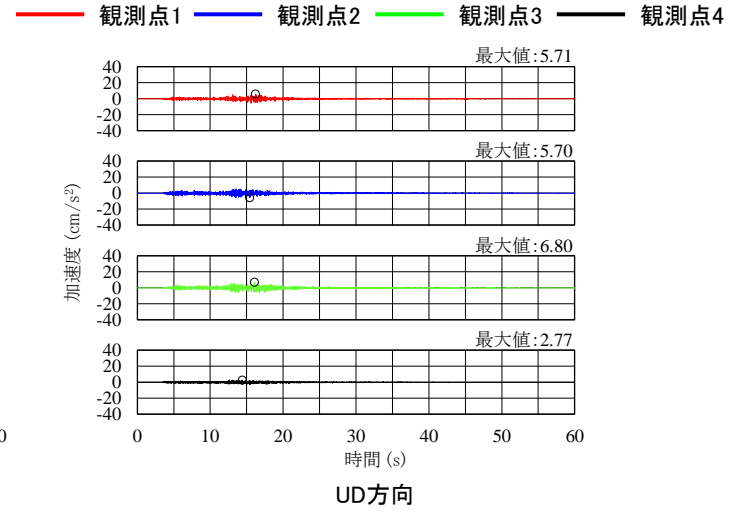
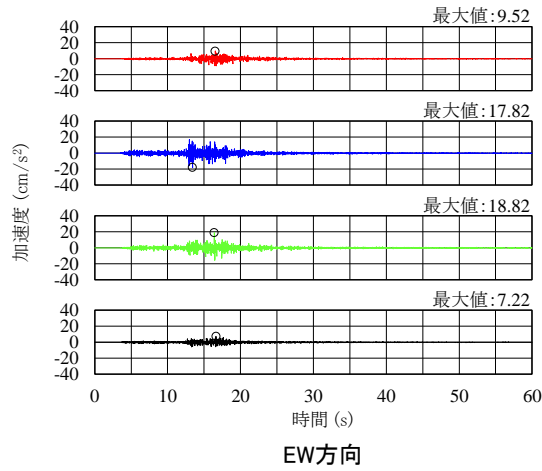
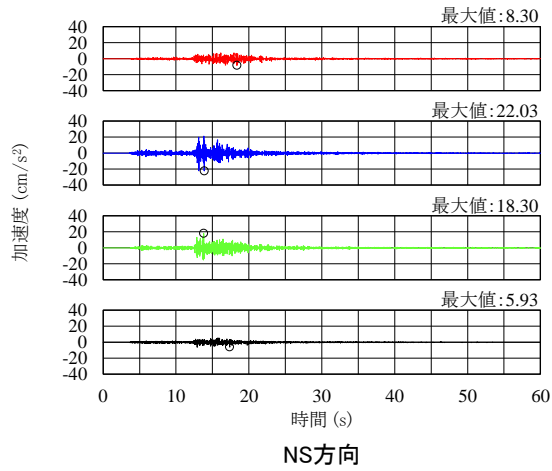


EW方向
擬似速度応答スペクトル

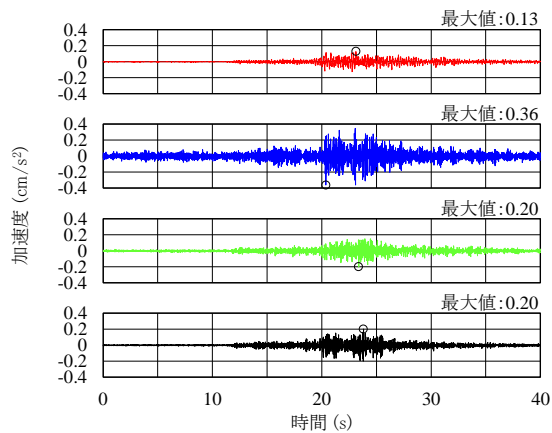


UD方向

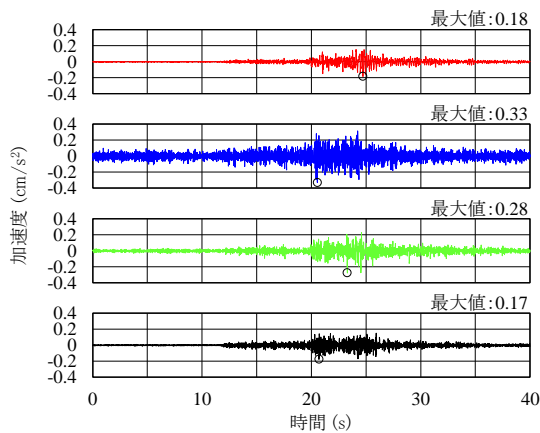
No.64



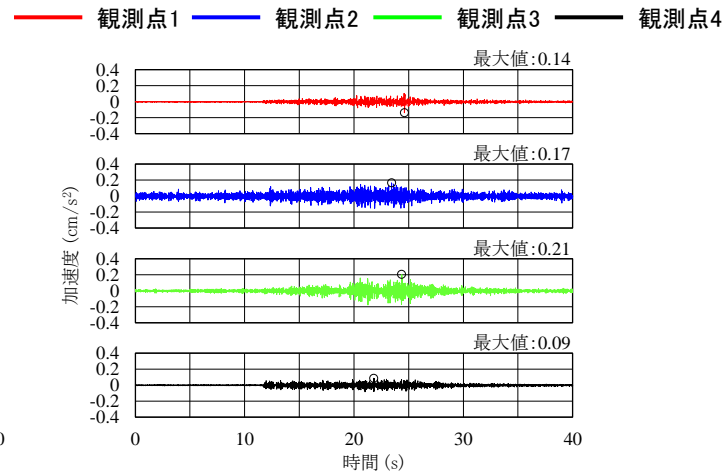
No.65



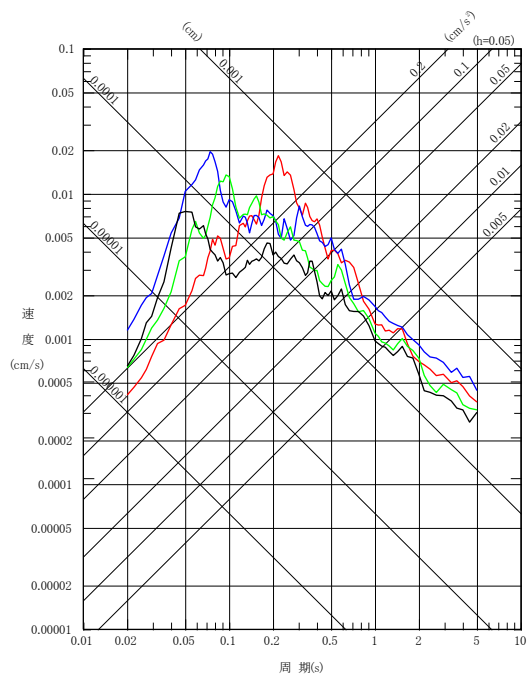
NS方向



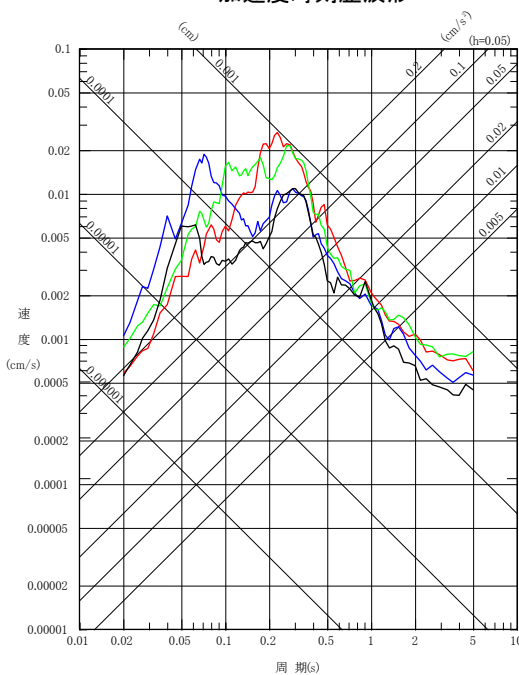
EW方向



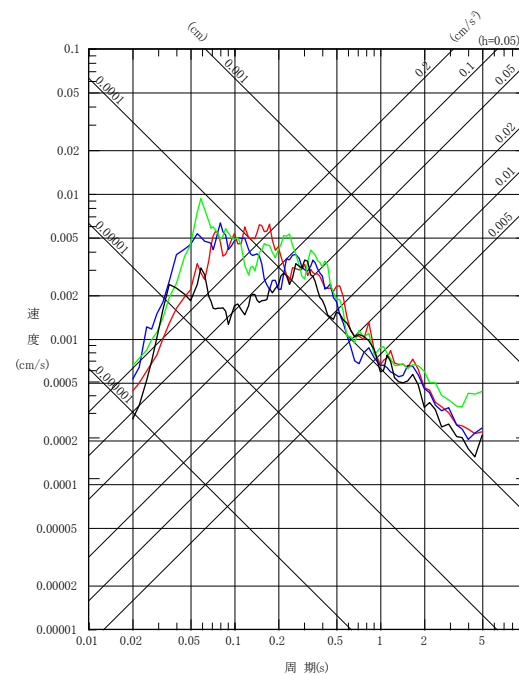
UD方向



NS方向

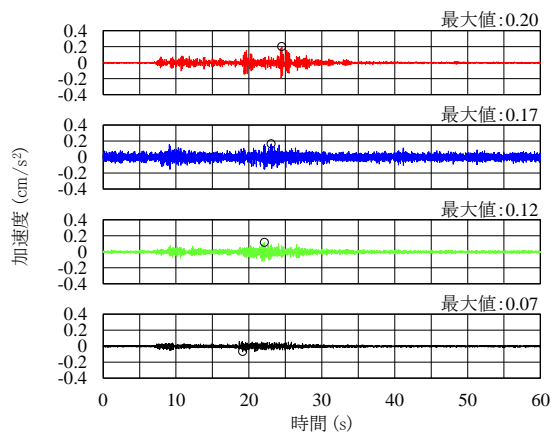


EW方向
擬似速度応答スペクトル

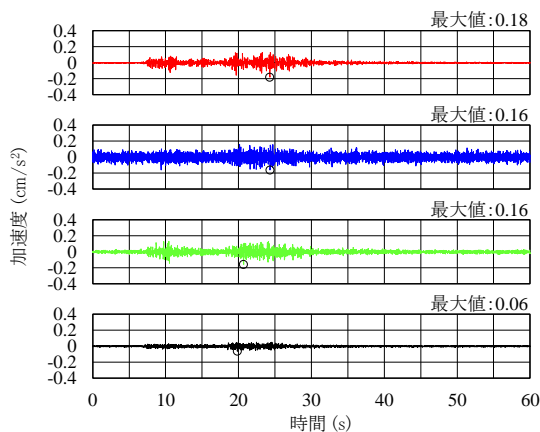


UD方向

No.66

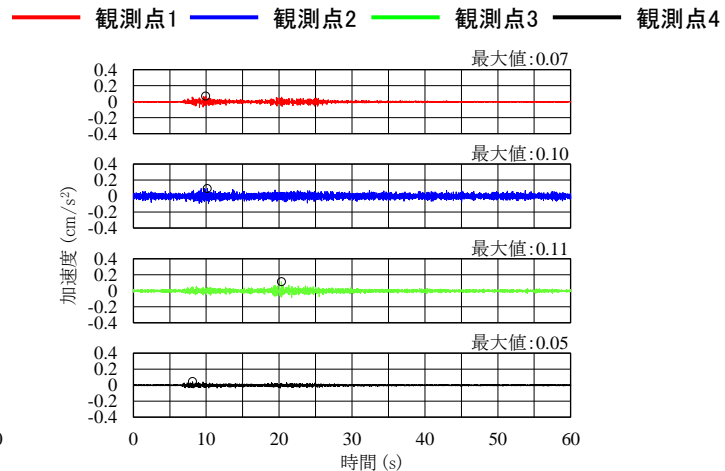


NS方向

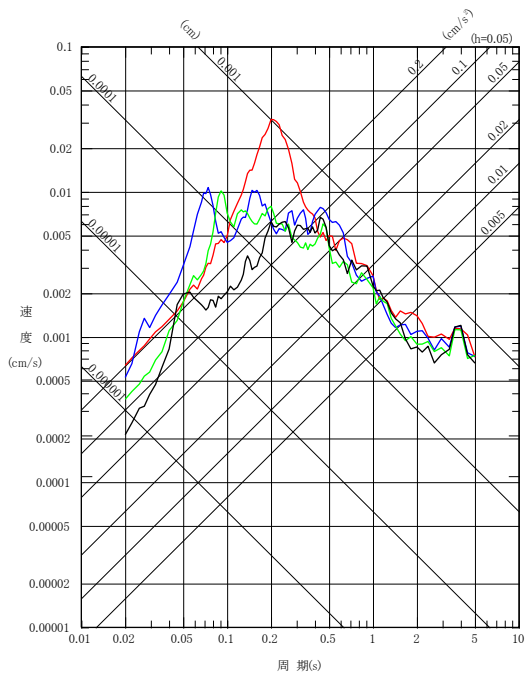


EW方向

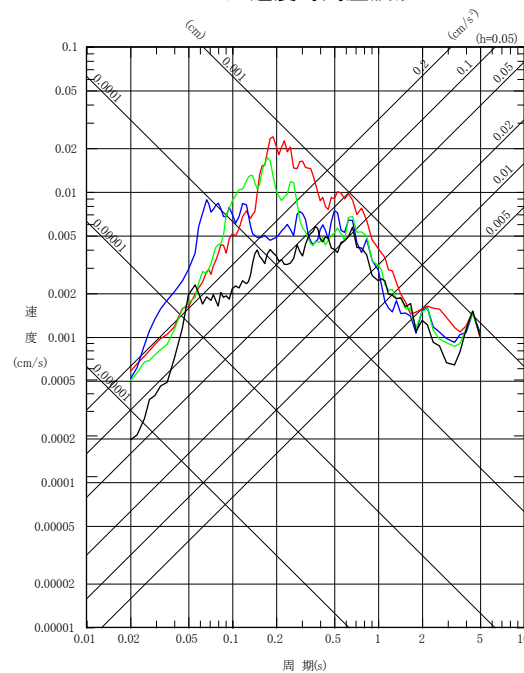
加速度時刻歴波形



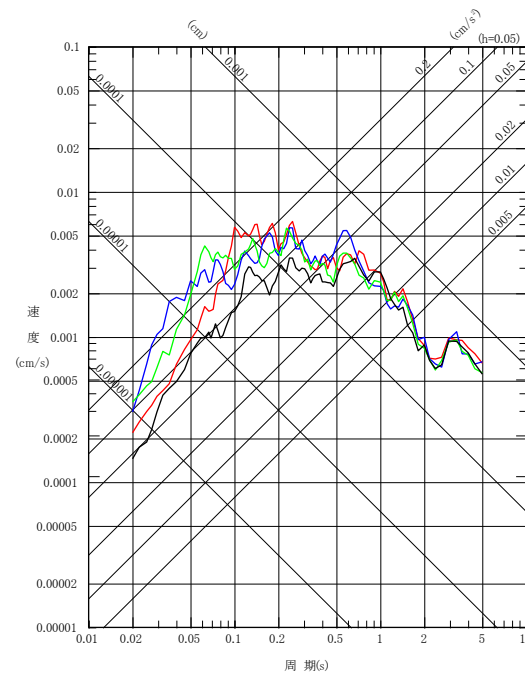
UD方向



NS方向

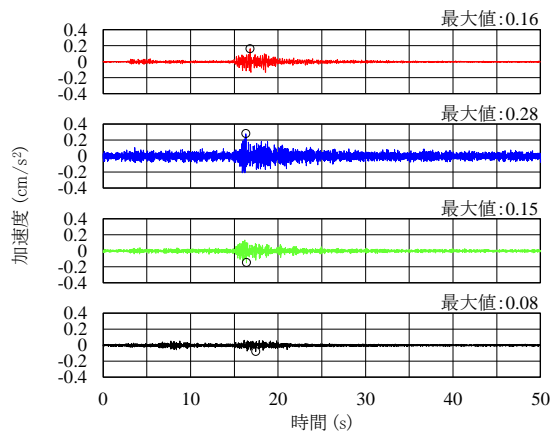


EW方向
擬似速度応答スペクトル

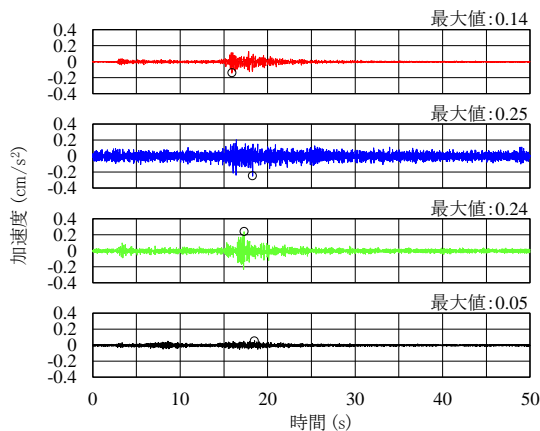


UD方向

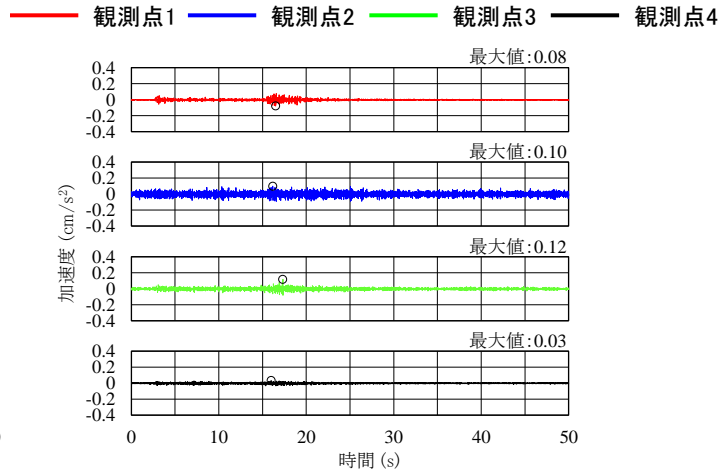
No.67



NS方向

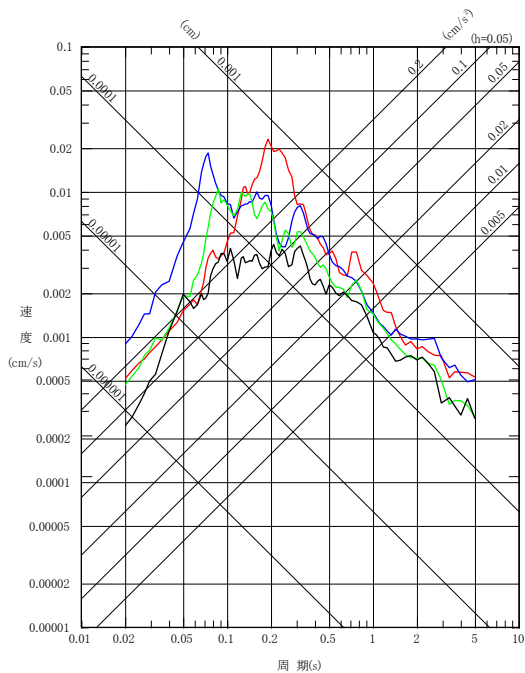


EW方向

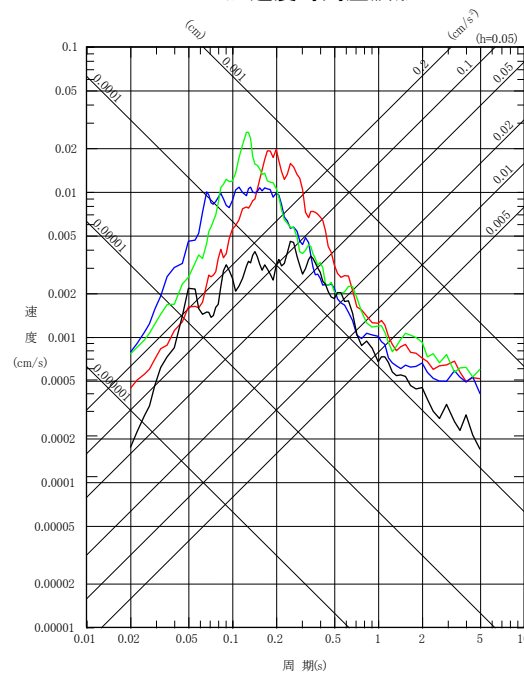


UD方向

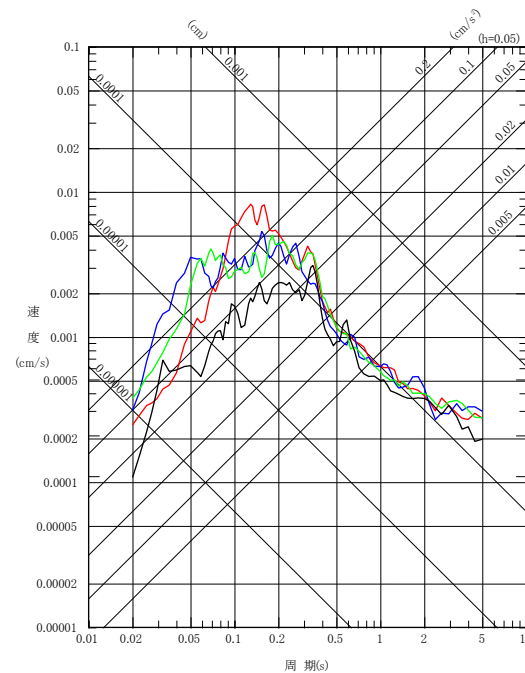
加速度時刻歴波形



NS方向



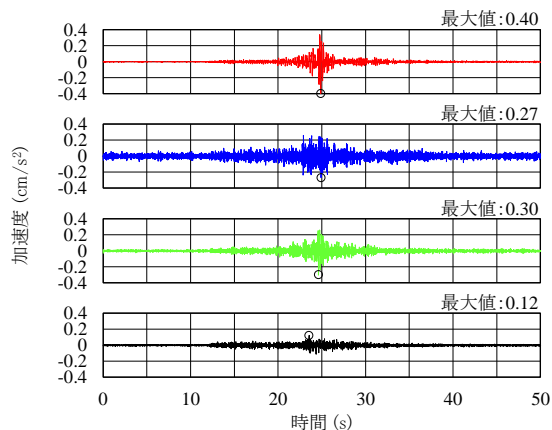
EW方向



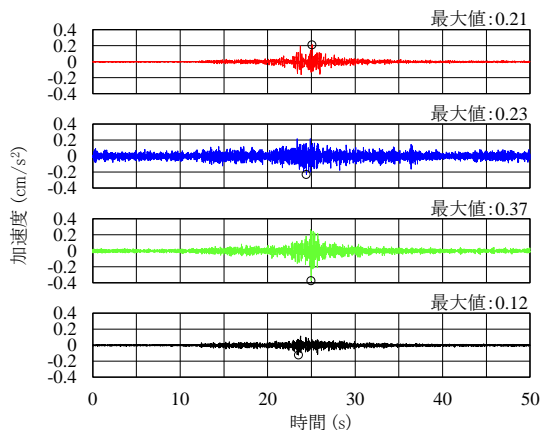
UD方向

擬似速度応答スペクトル

No.68

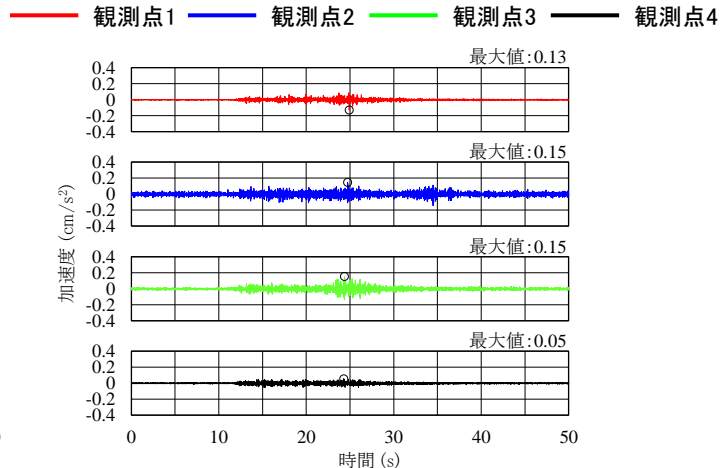


NS方向

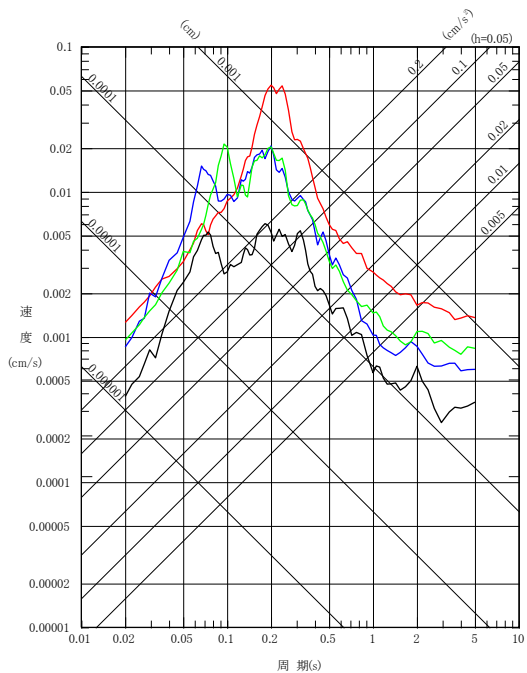


EW方向

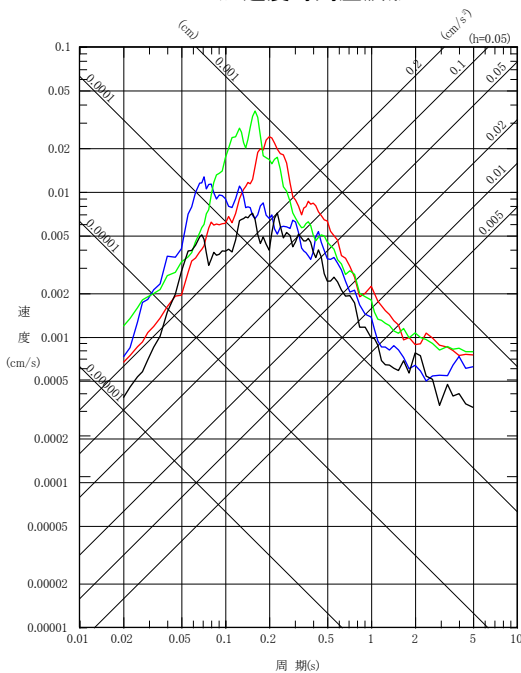
加速度時刻歴波形



UD方向

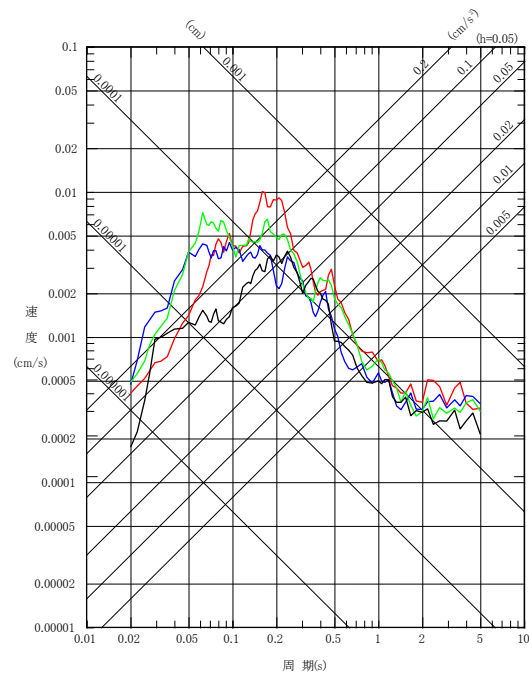


NS方向



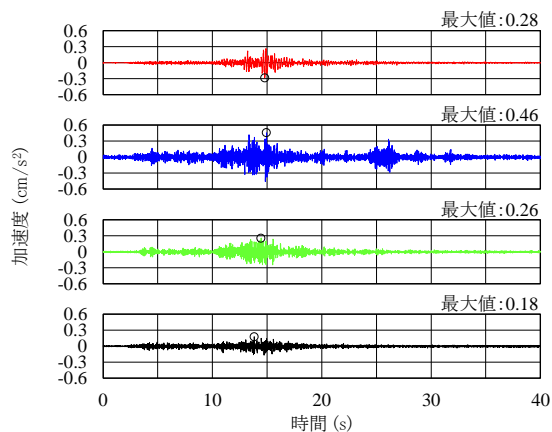
EW方向

擬似速度応答スペクトル

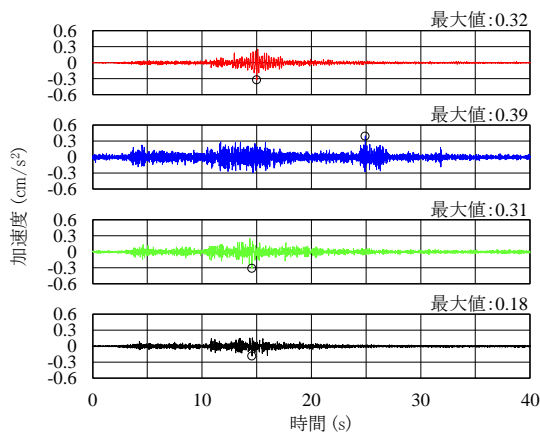


UD方向

No.69

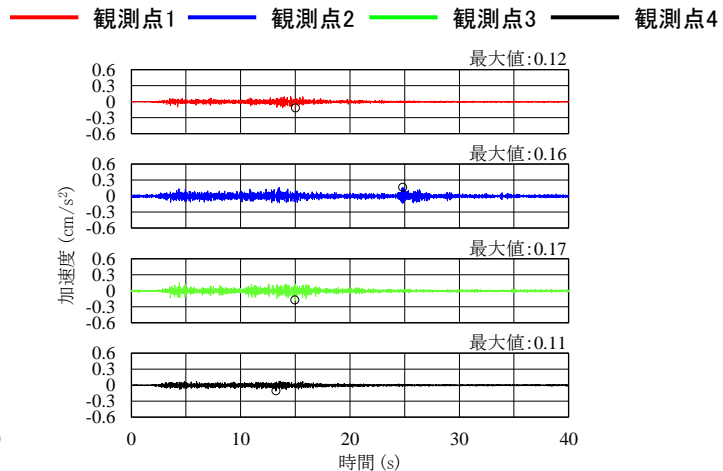


NS方向

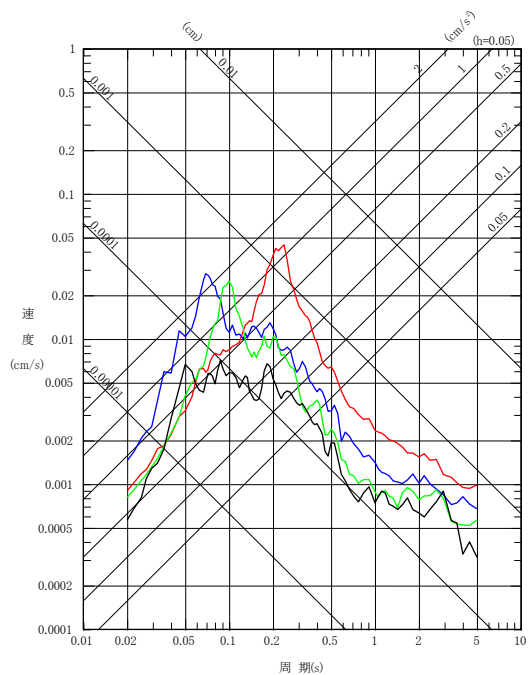


EW方向

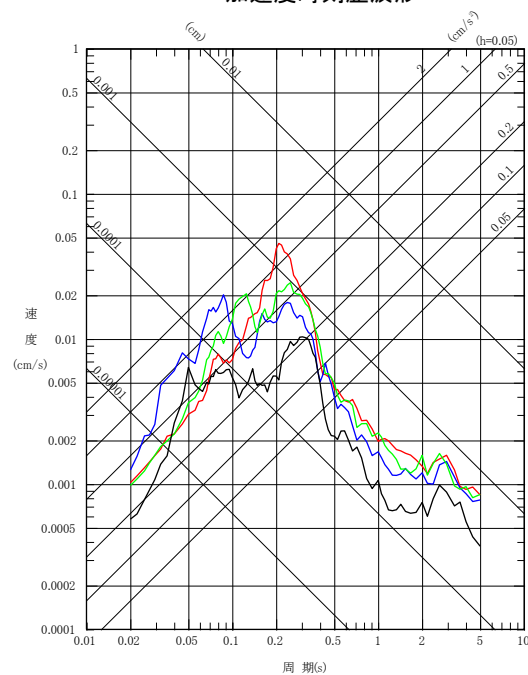
加速度時刻歴波形



UD方向

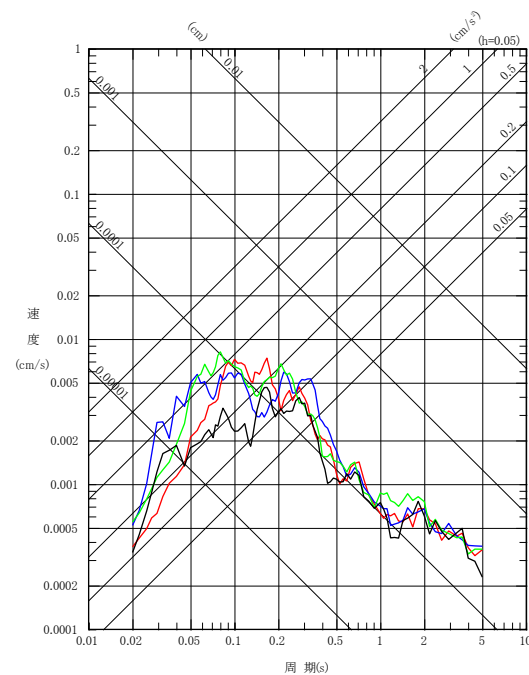


NS方向



EW方向

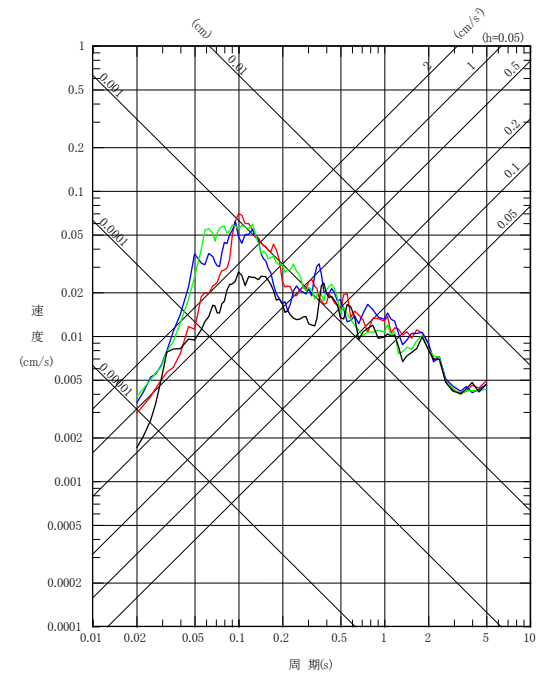
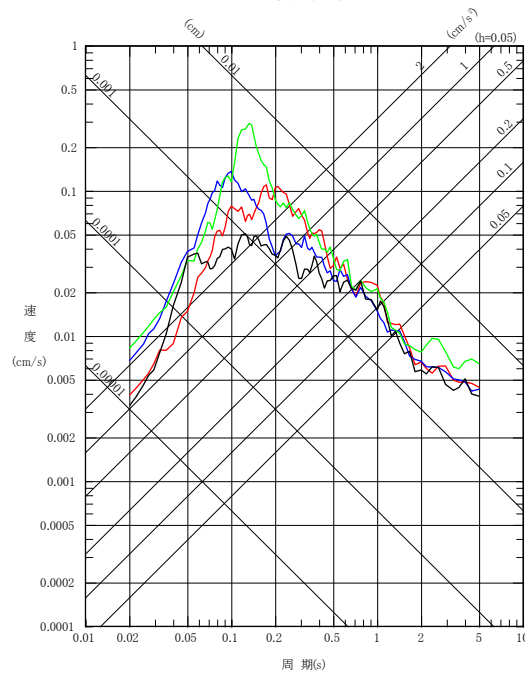
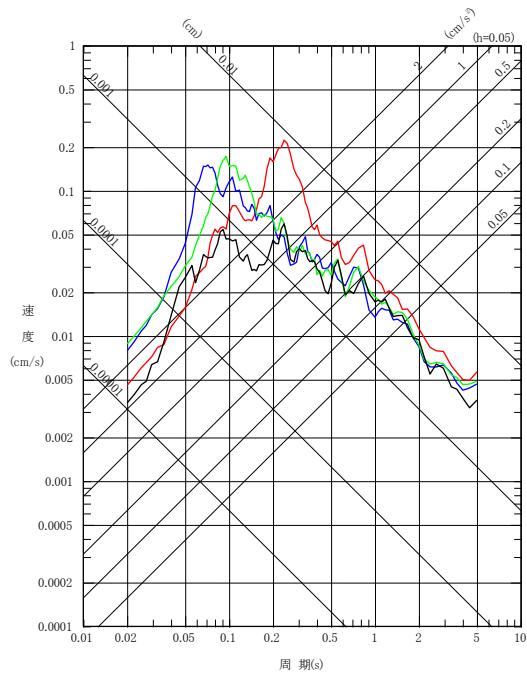
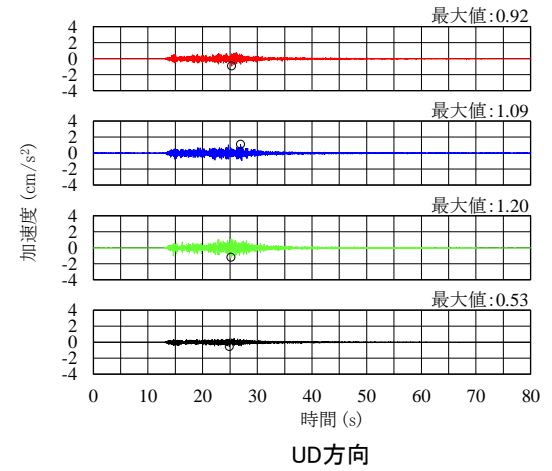
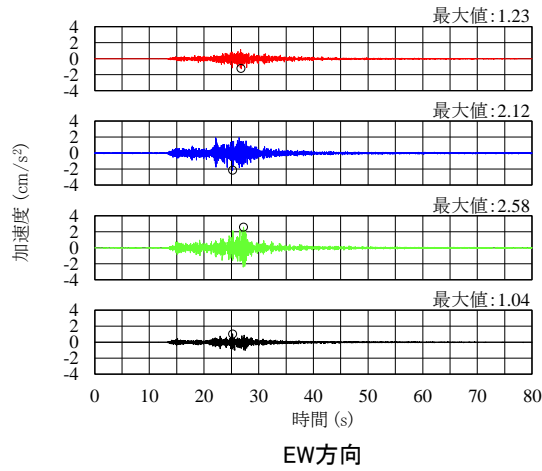
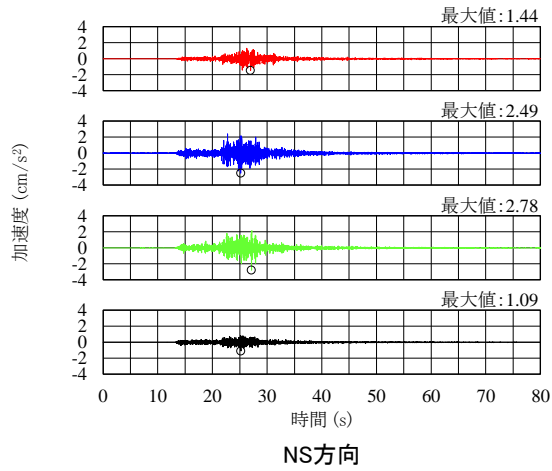
擬似速度応答スペクトル



UD方向

No.70

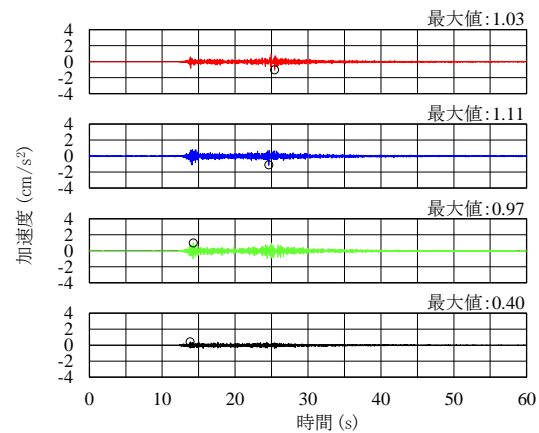
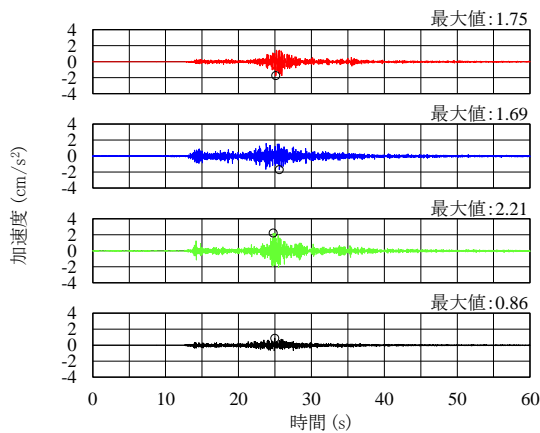
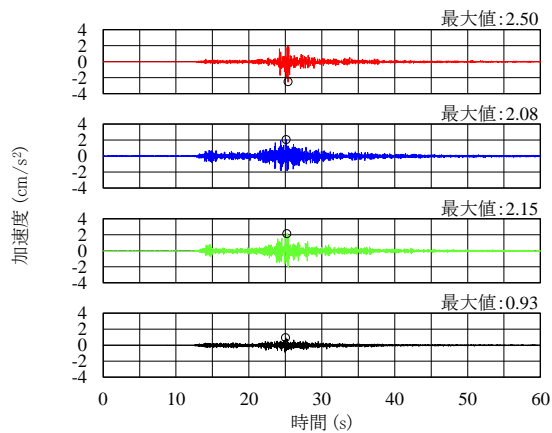
— 観測点1 — 観測点2 — 観測点3 — 観測点4



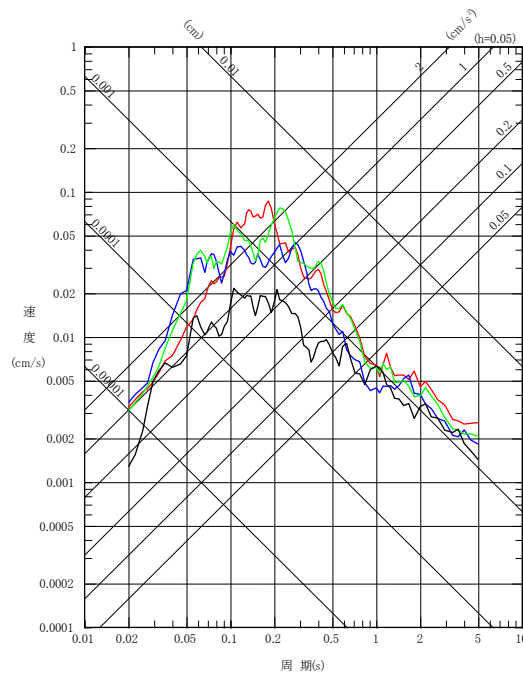
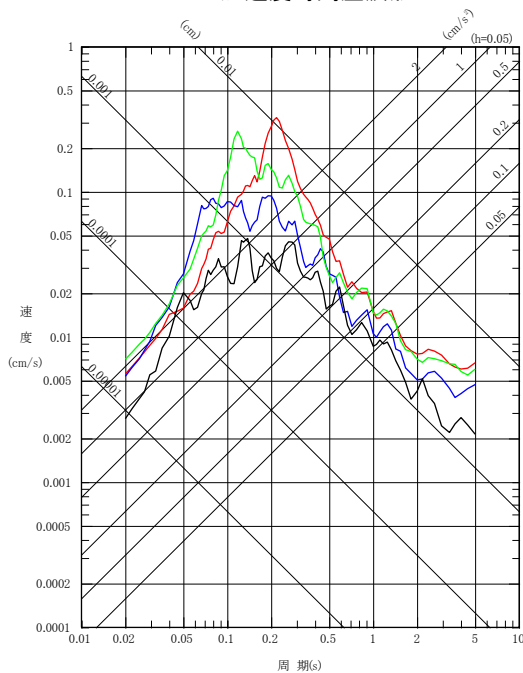
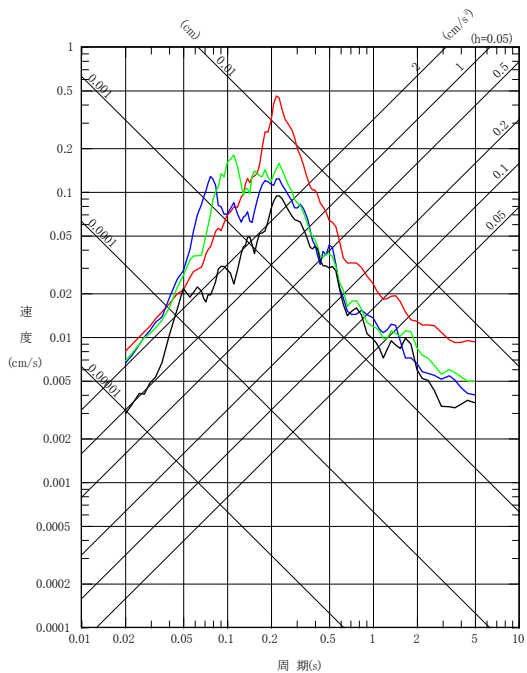
EW方向
擬似速度応答スペクトル

No.71

— 観測点1 — 観測点2 — 観測点3 — 観測点4

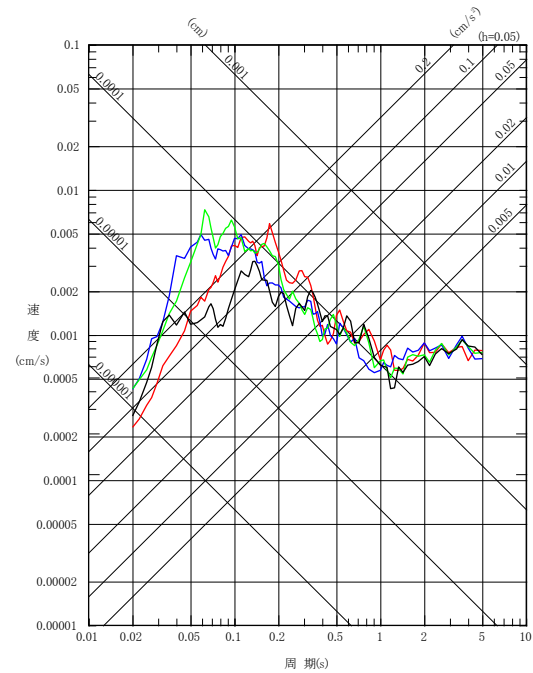
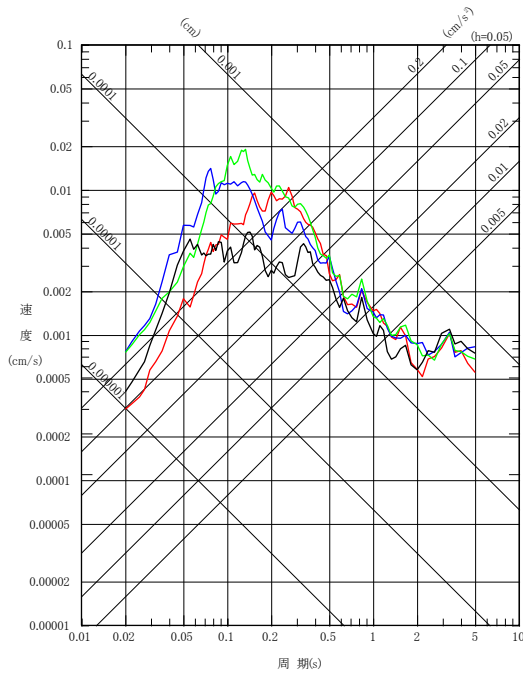
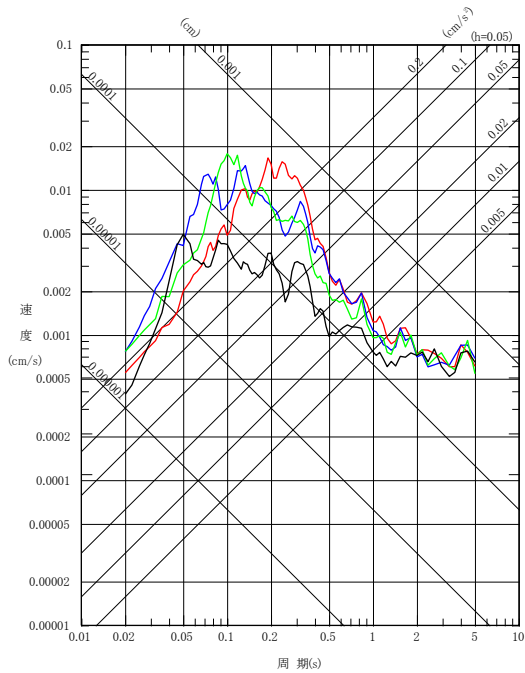
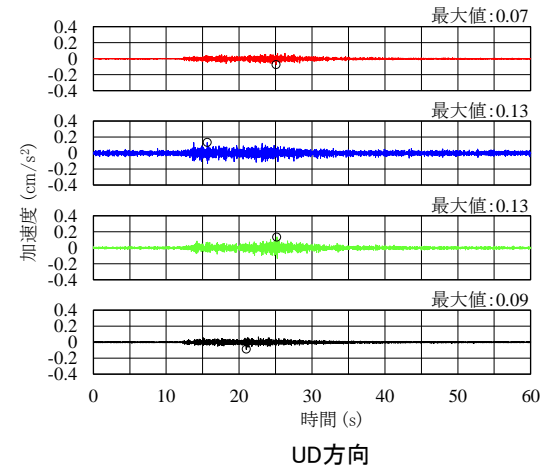
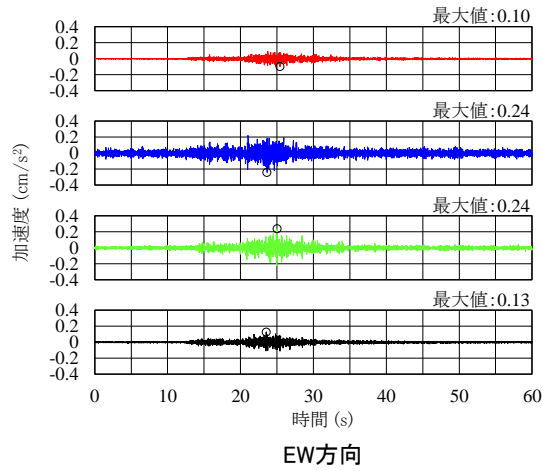
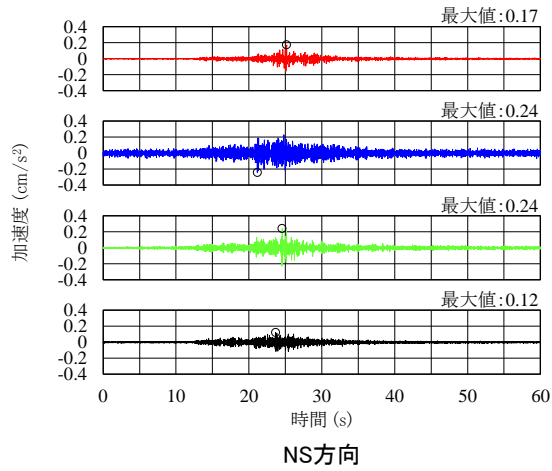


加速度時刻歴波形

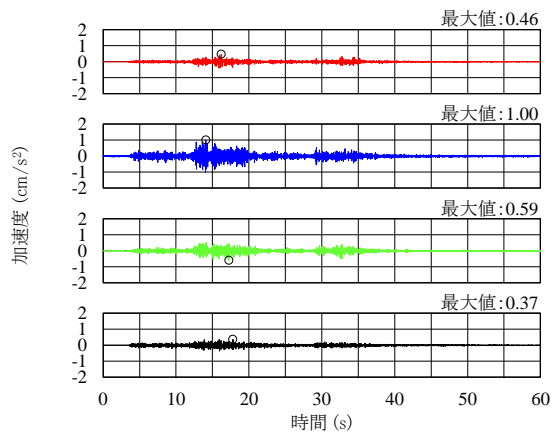


擬似速度応答スペクトル

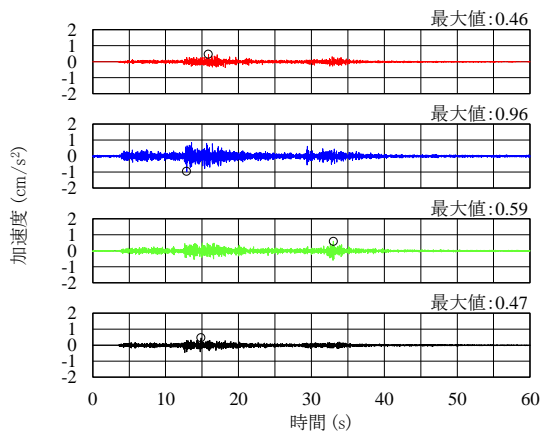
No.72



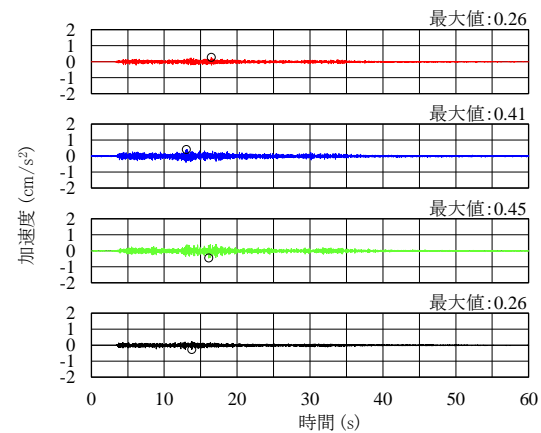
擬似速度応答スペクトル



NS方向

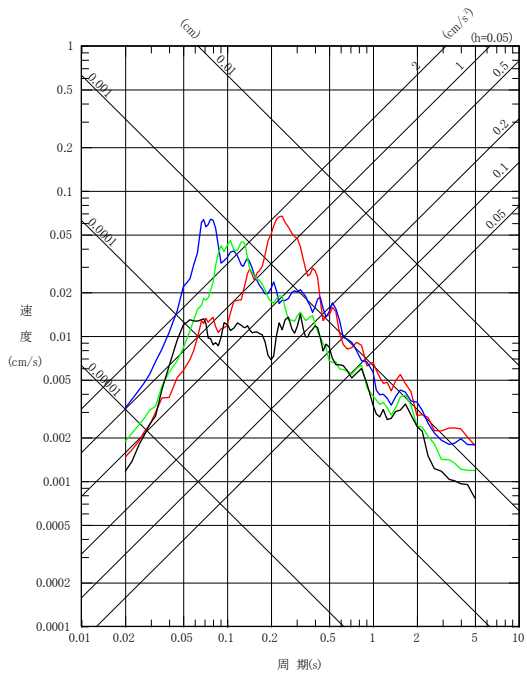


EW方向

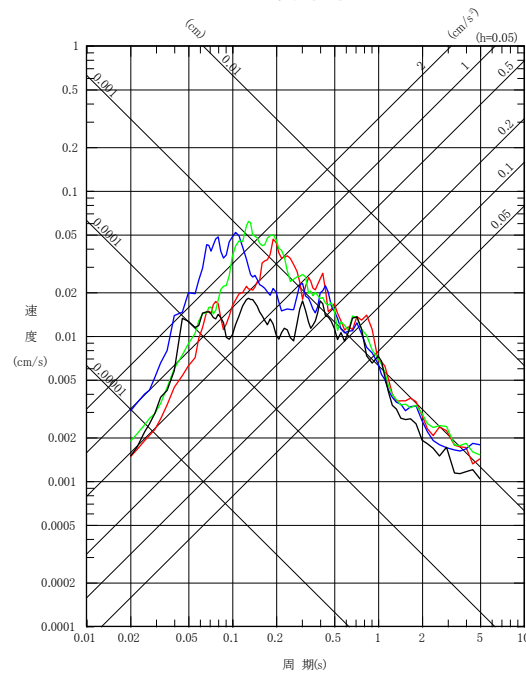


UD方向

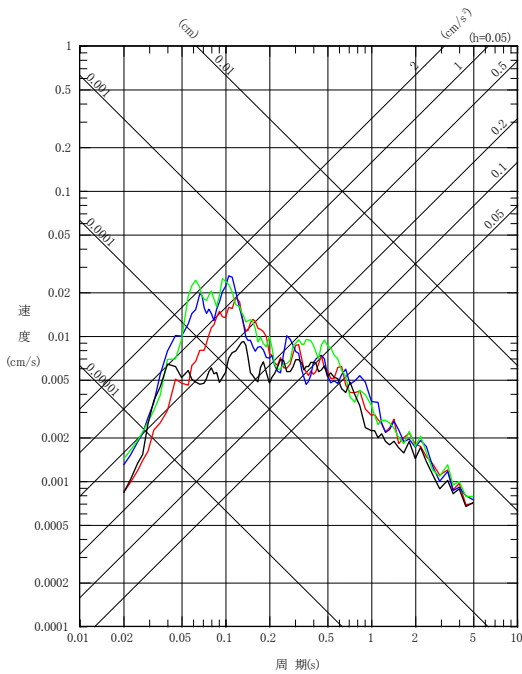
加速度時刻歴波形



NS方向

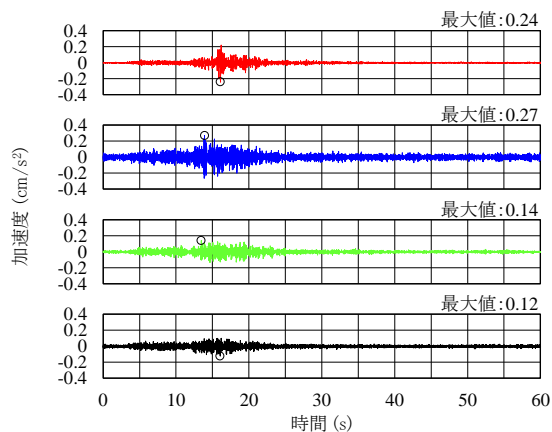


EW方向
擬似速度応答スペクトル

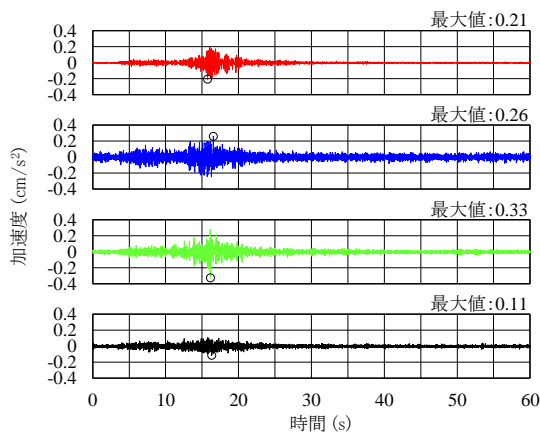


UD方向

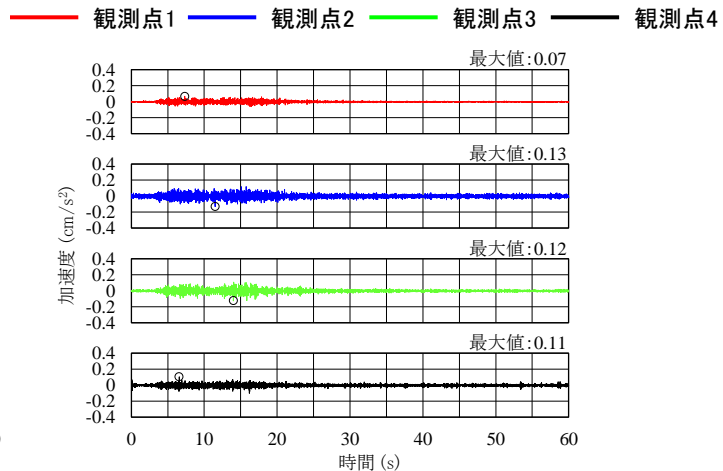
No.74



NS方向

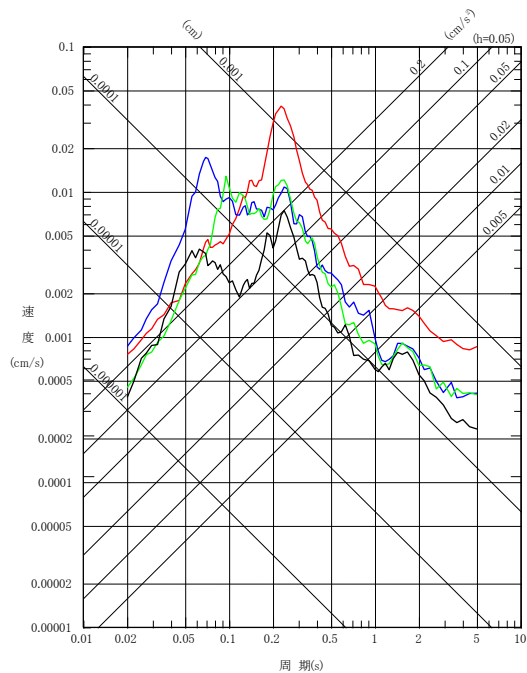


EW方向

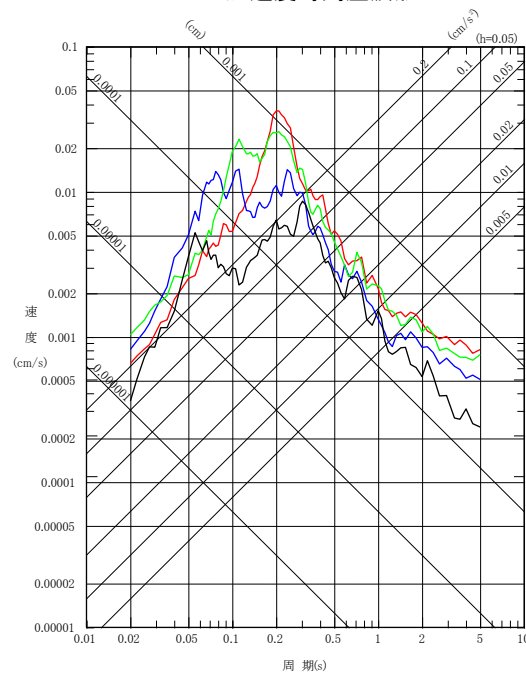


UD方向

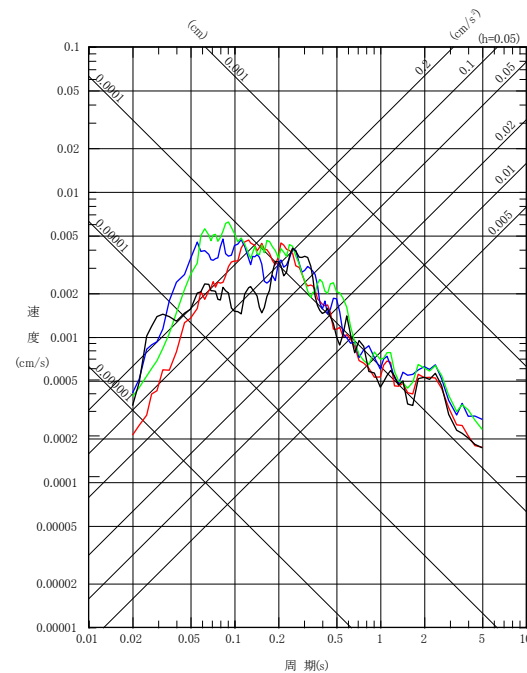
加速度時刻歴波形



NS方向

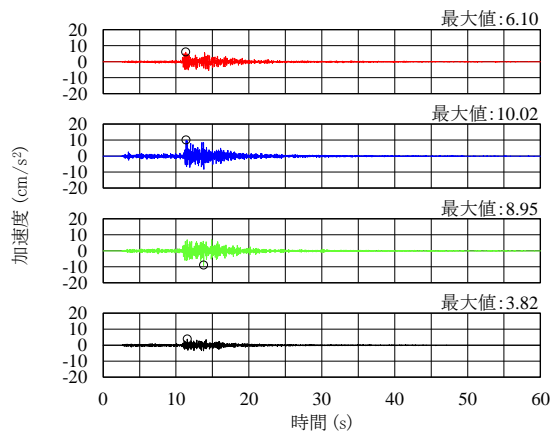


EW方向

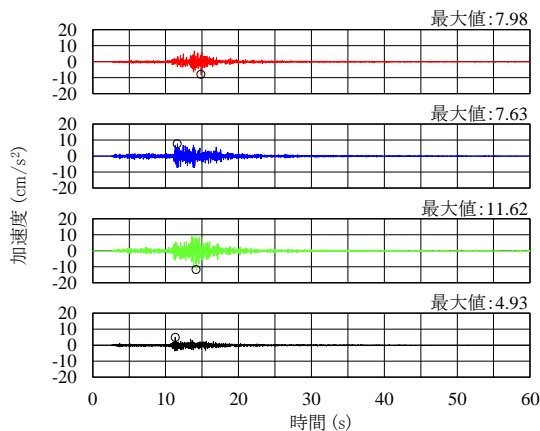


UD方向

擬似速度応答スペクトル

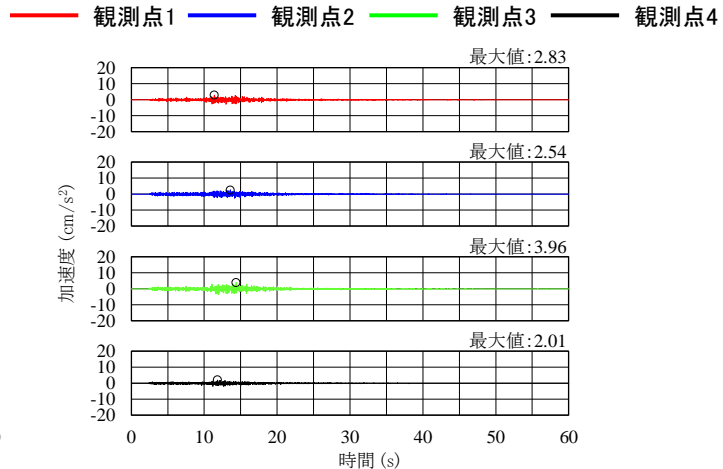


NS方向

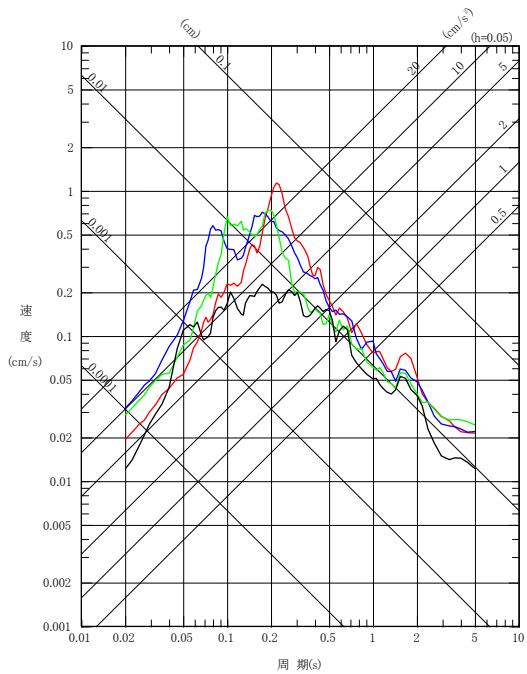


EW方向

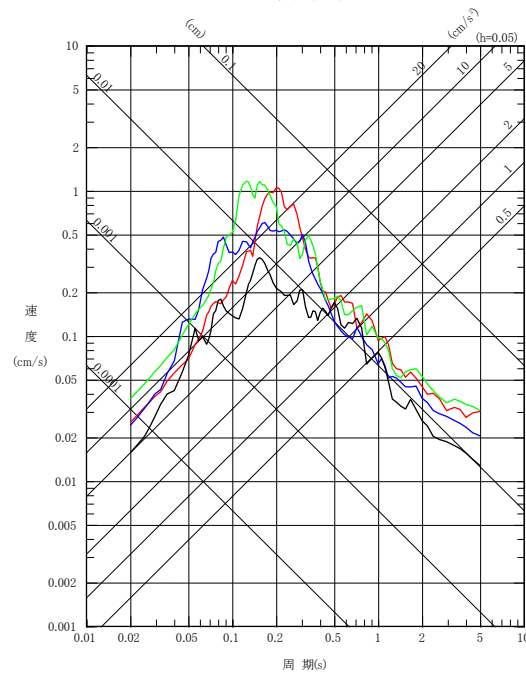
加速度時刻歴波形



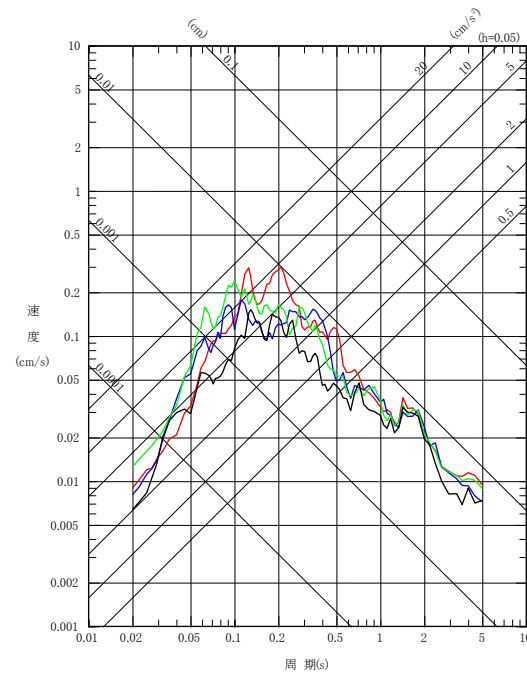
UD方向



NS方向

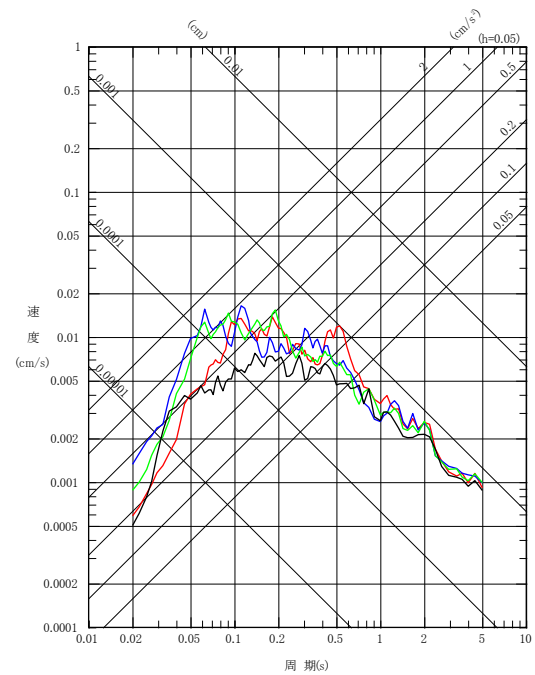
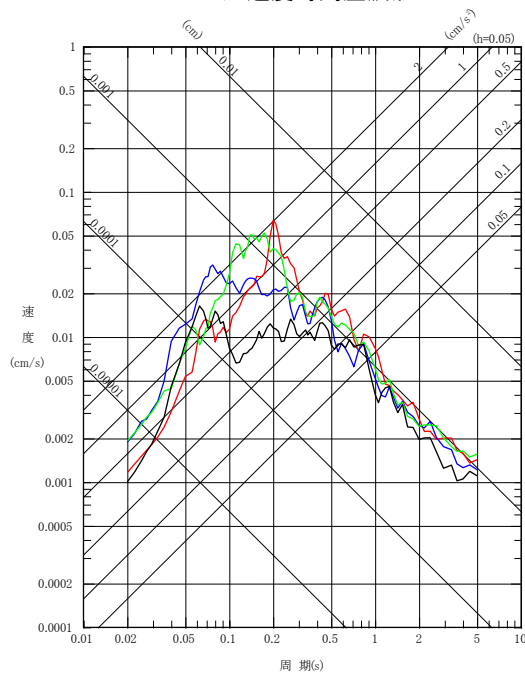
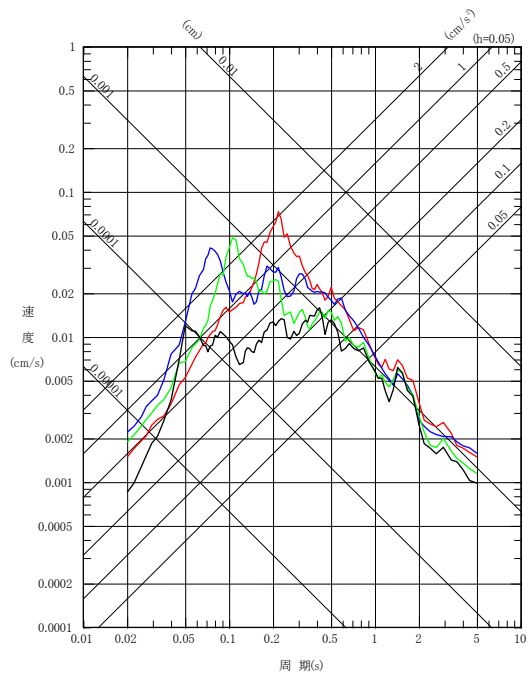
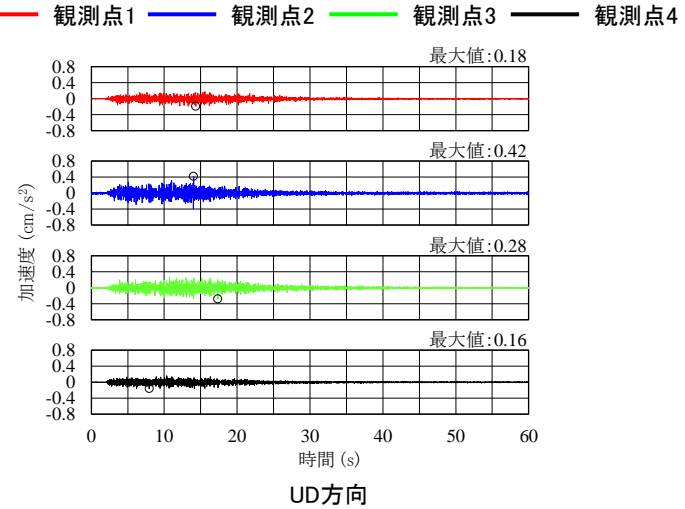
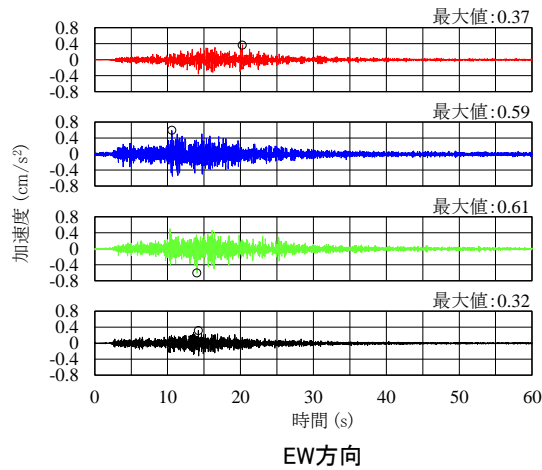
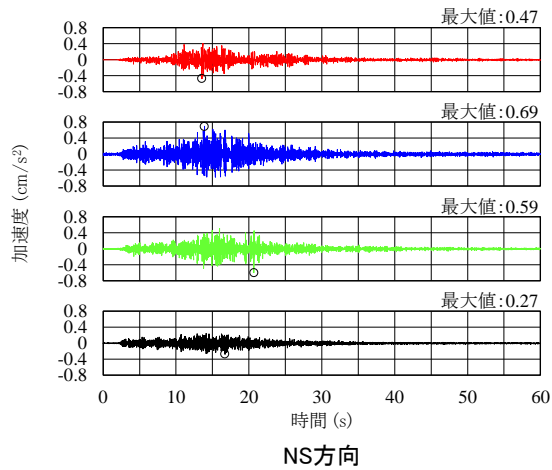


EW方向
擬似速度応答スペクトル

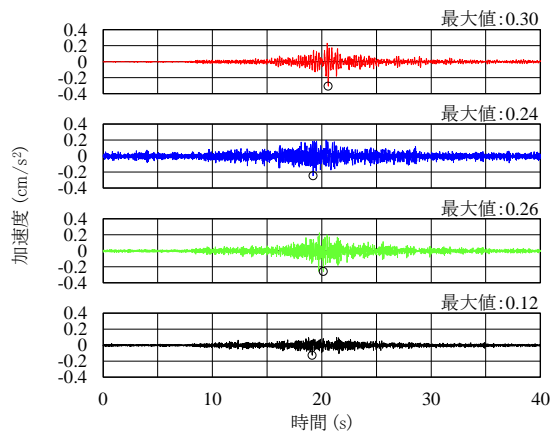


UD方向

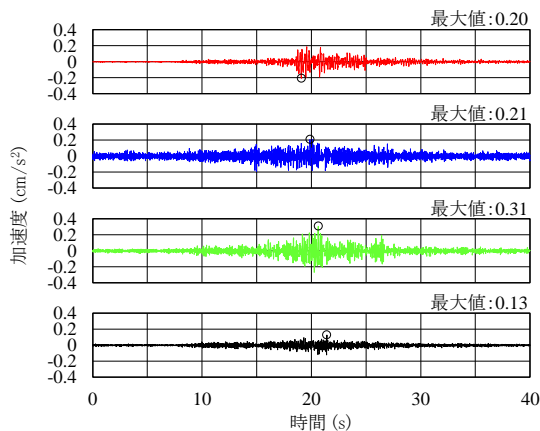
No.76



No.77

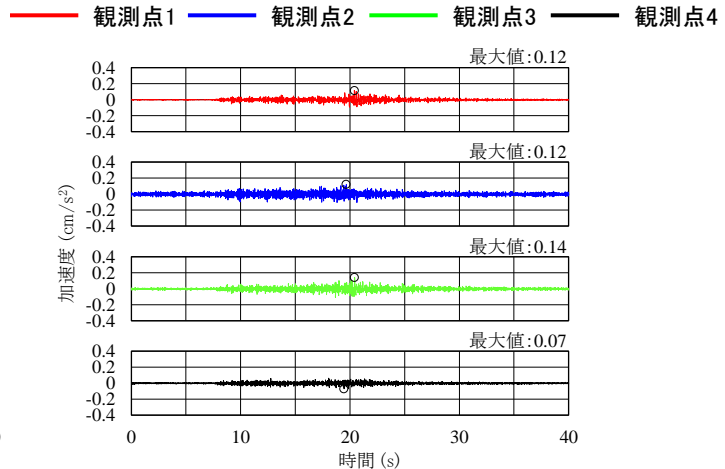


NS方向

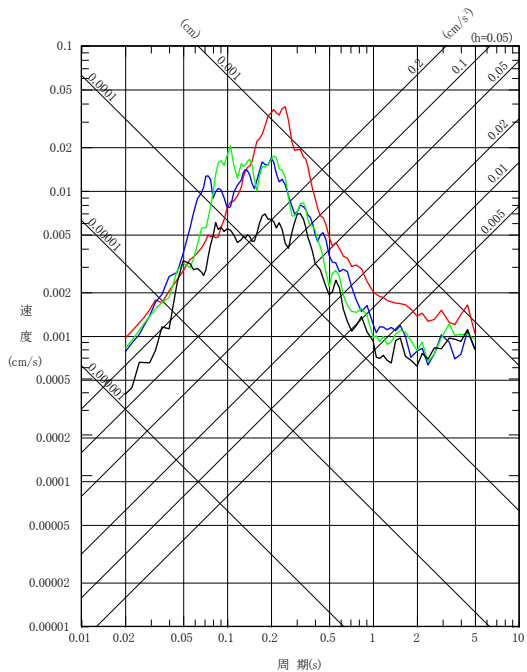


EW方向

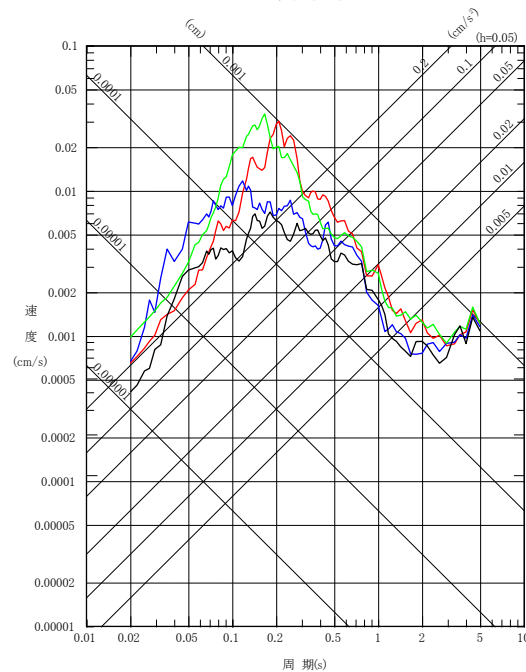
加速度時刻歴波形



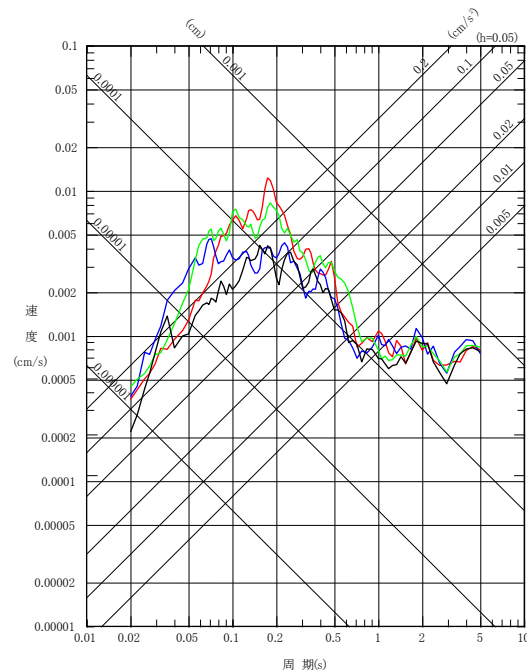
UD方向



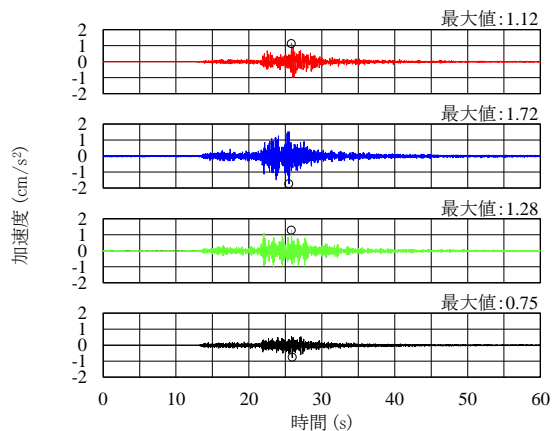
NS方向



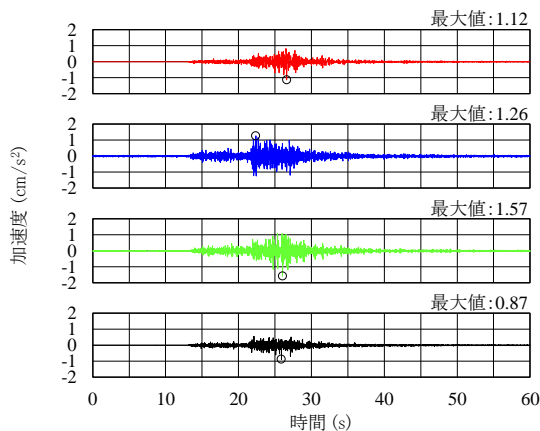
EW方向
擬似速度応答スペクトル



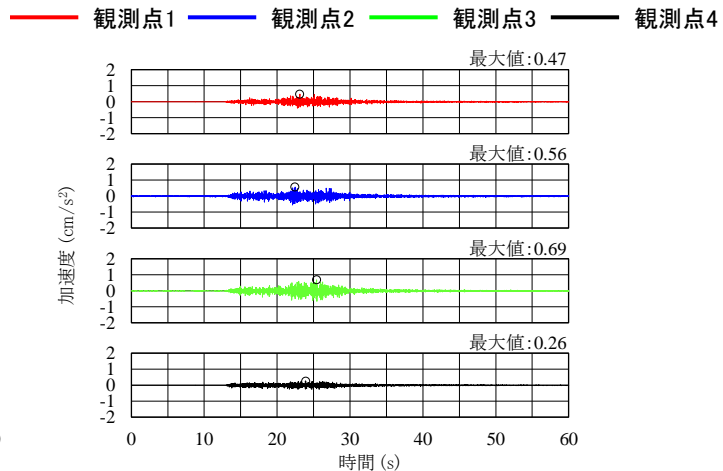
UD方向



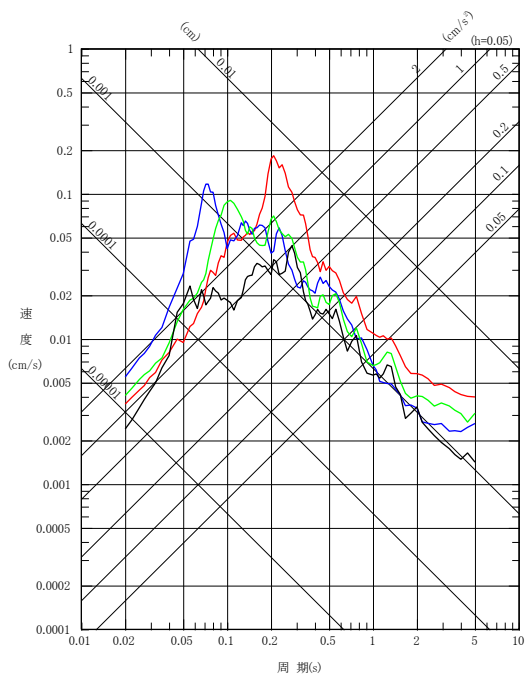
NS方向



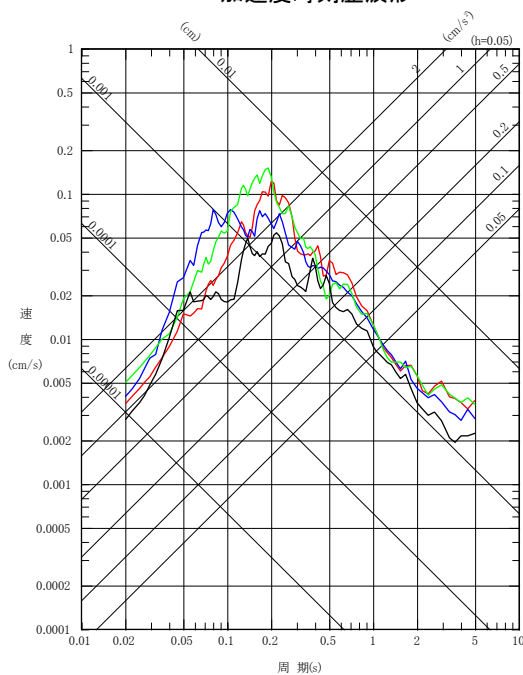
EW方向



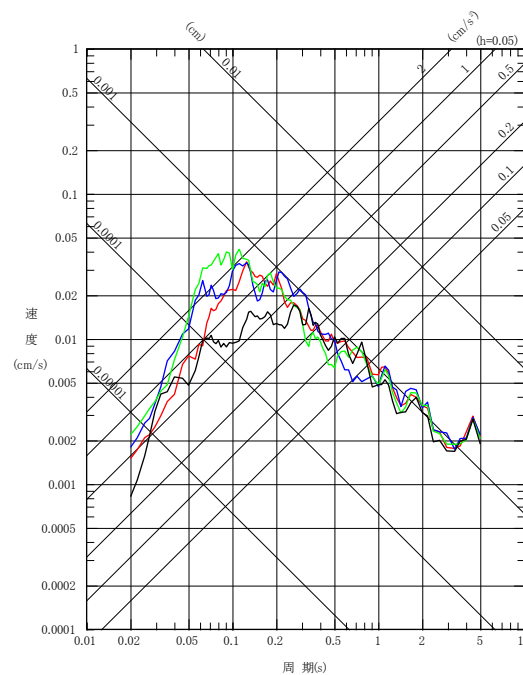
UD方向



NS方向

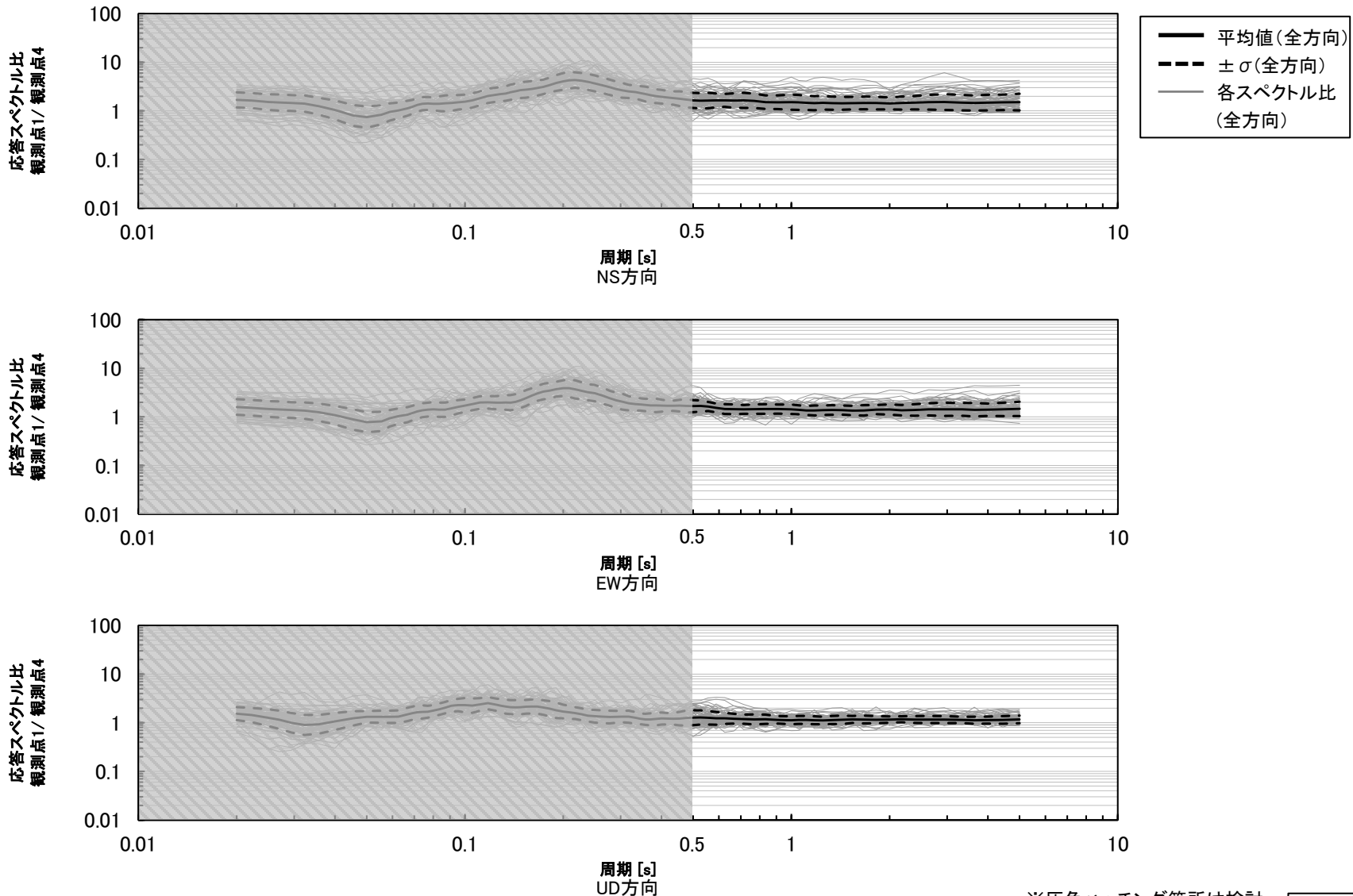


EW方向
擬似速度応答スペクトル



UD方向

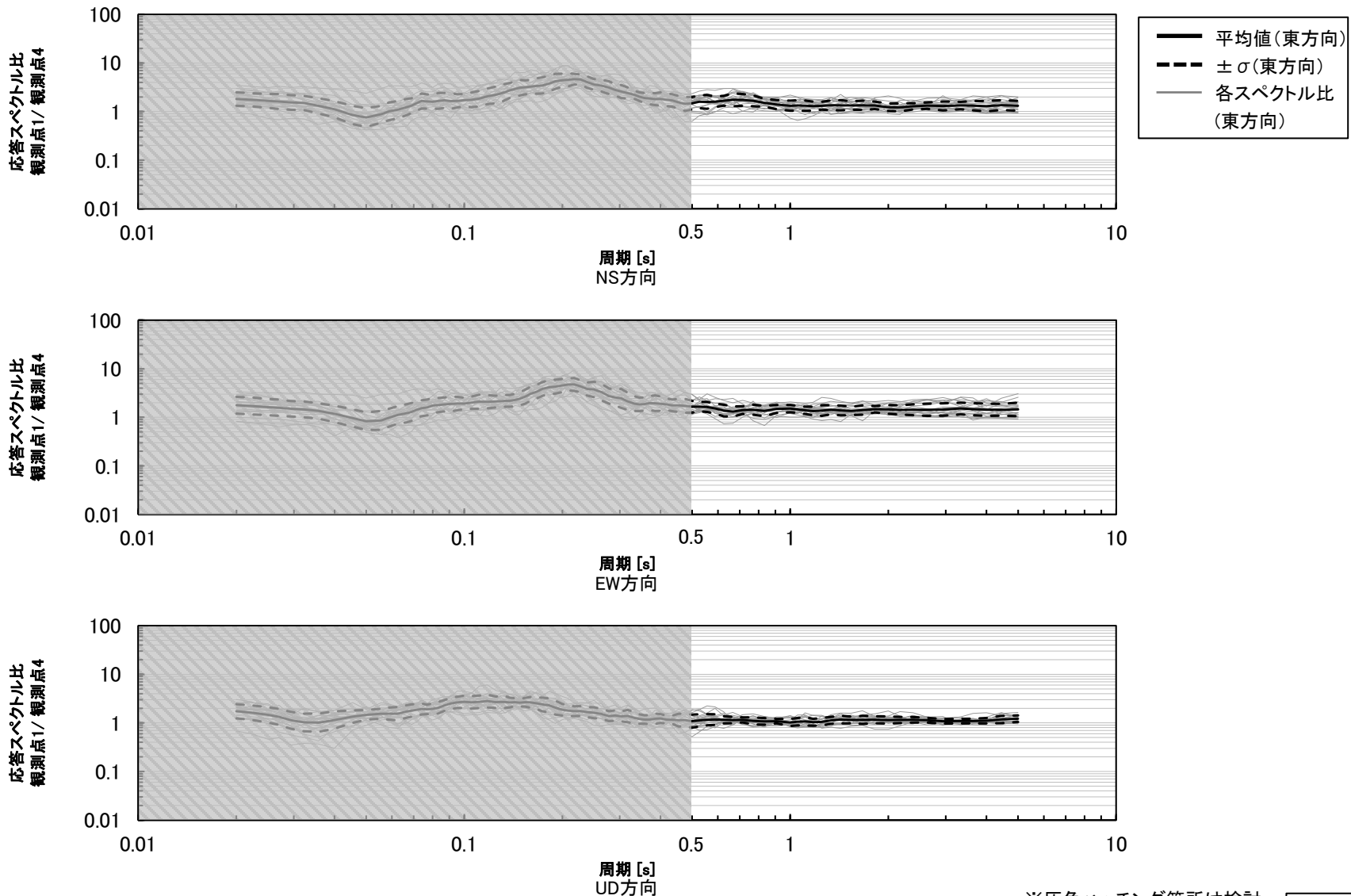
全方向 ー観測点1/観測点4ー



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。

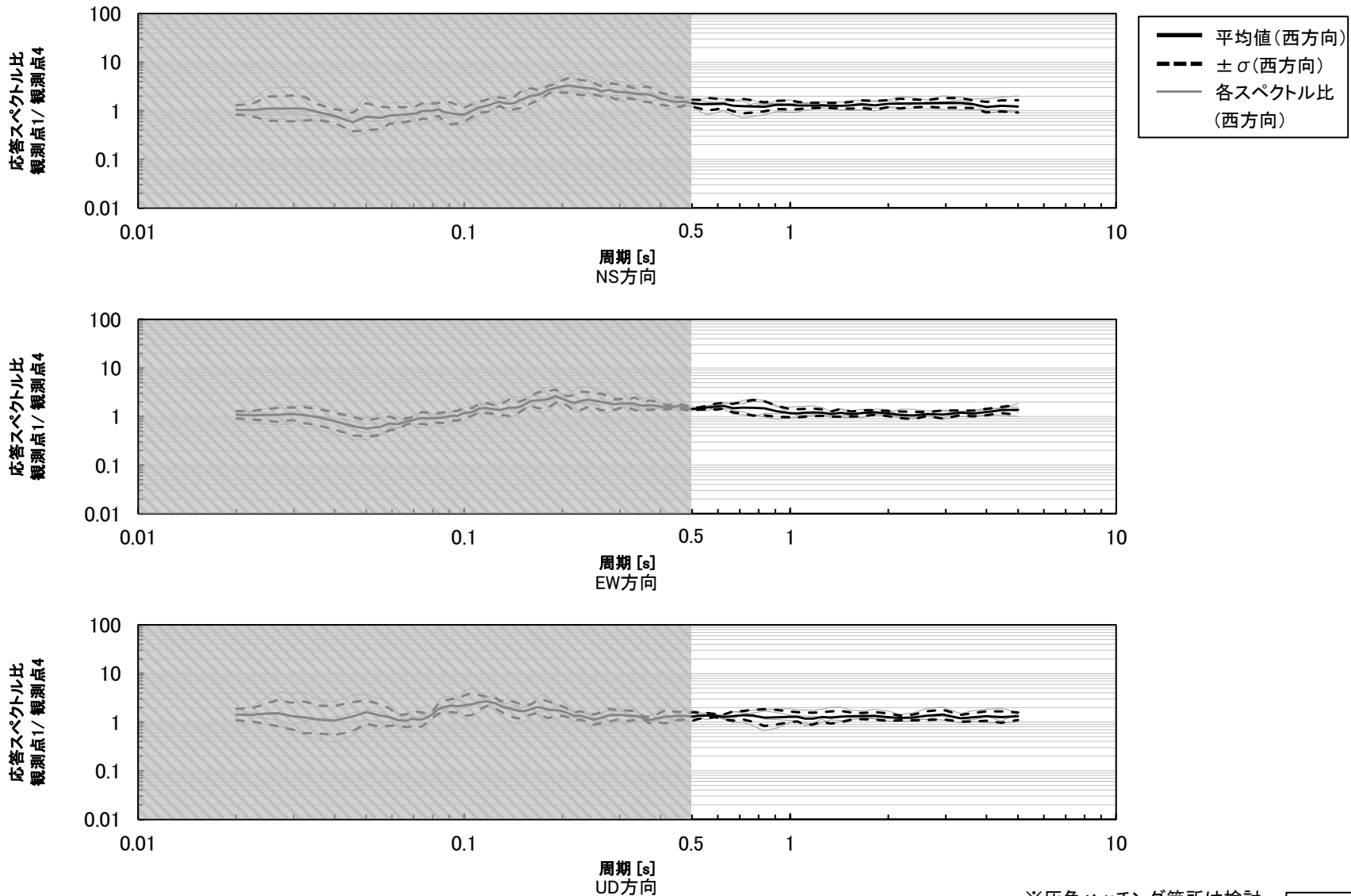
東方向 — 観測点1/観測点4—



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。

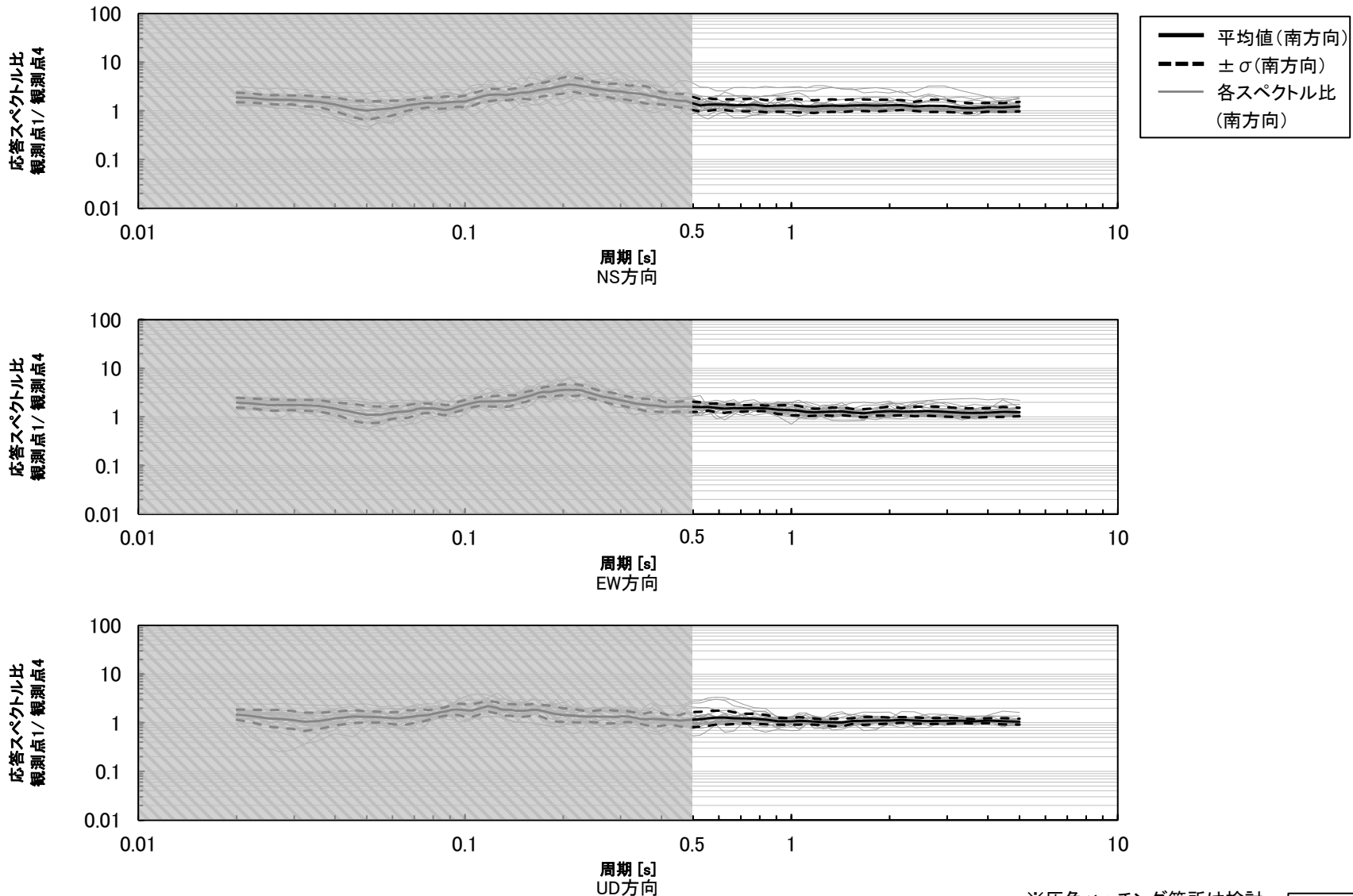
西方向 — 観測点1/観測点4—



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。

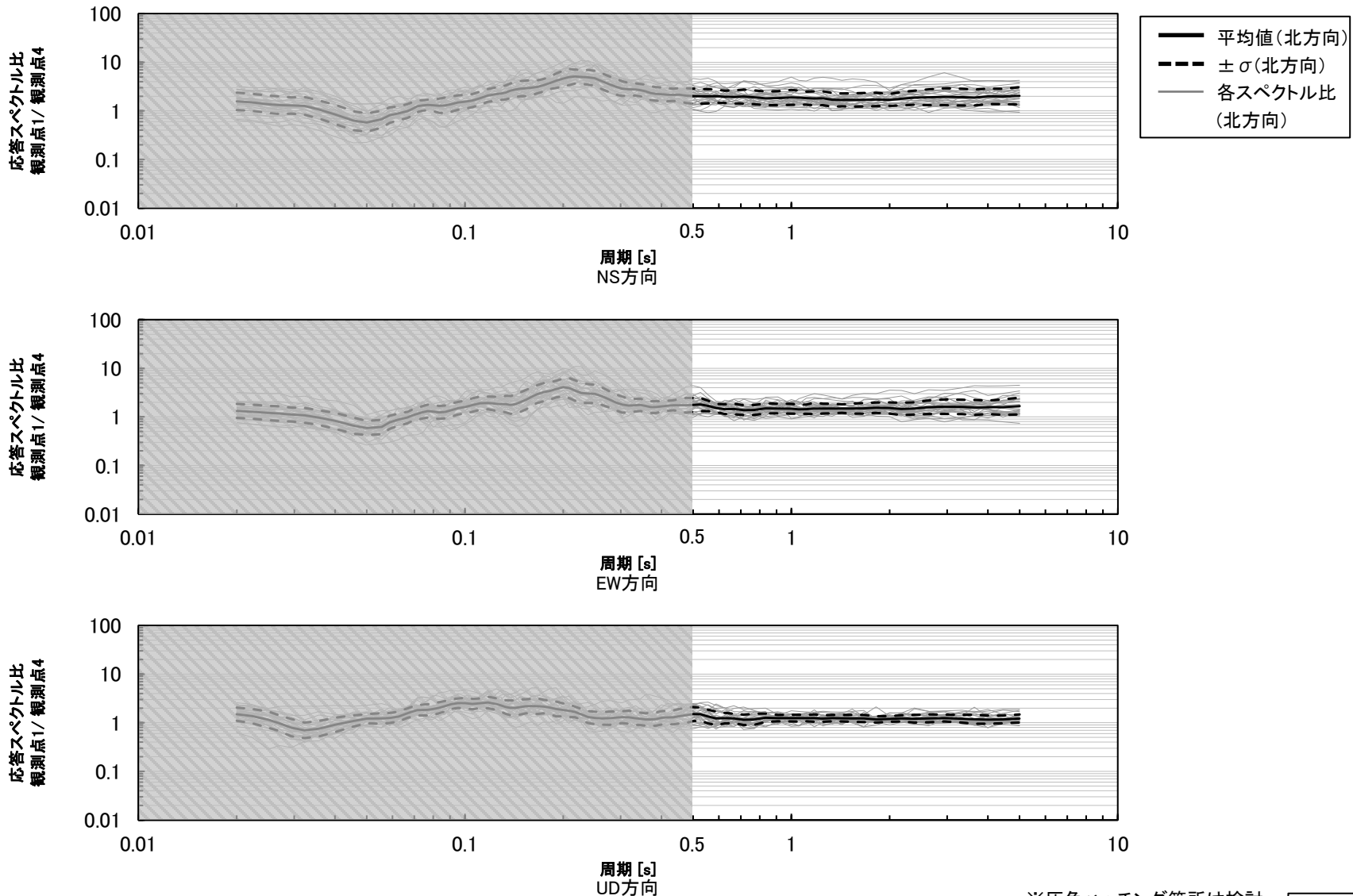
南方向 — 観測点1/観測点4—



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。

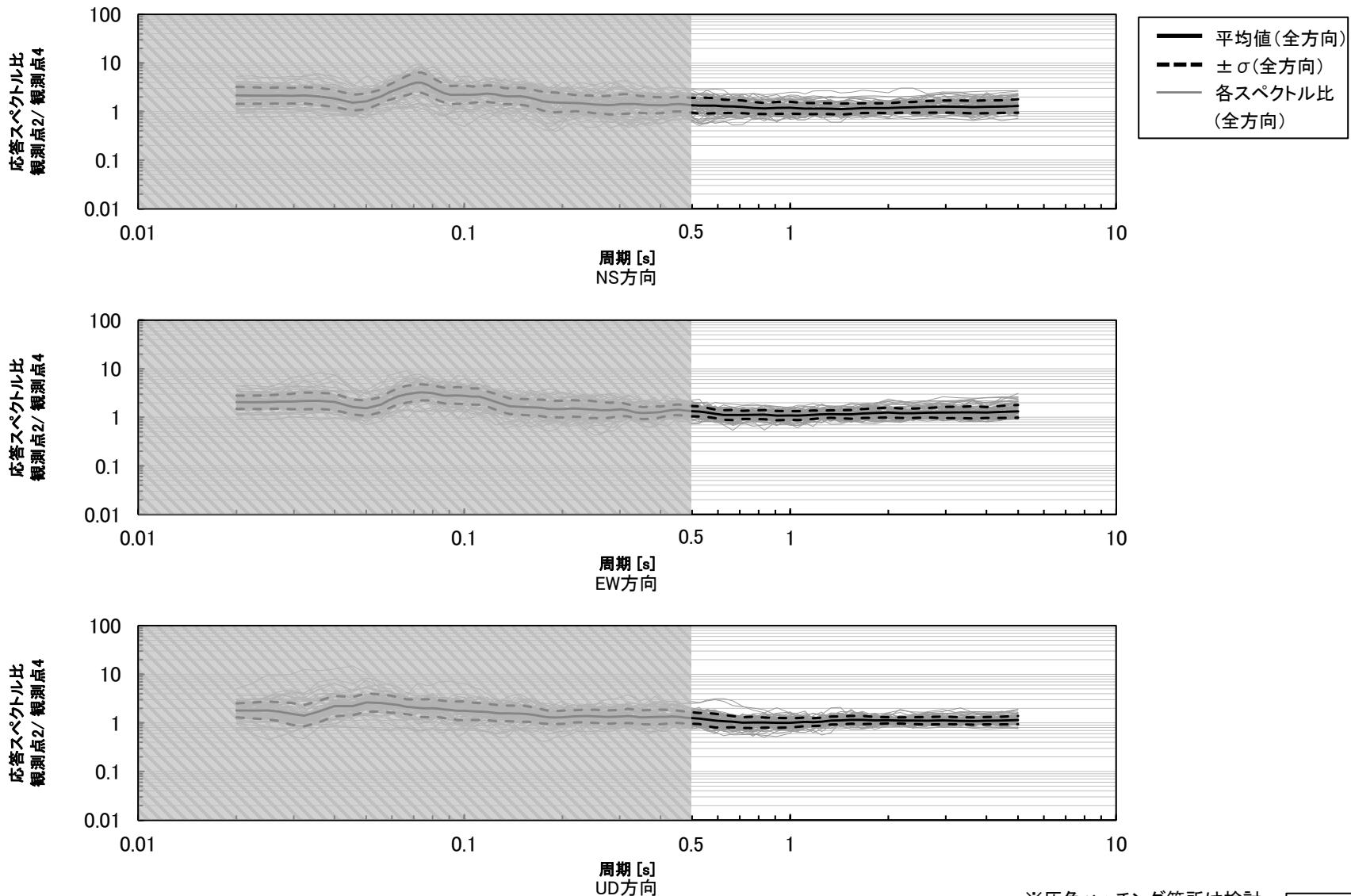
北方向 — 観測点1/観測点4 —



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。

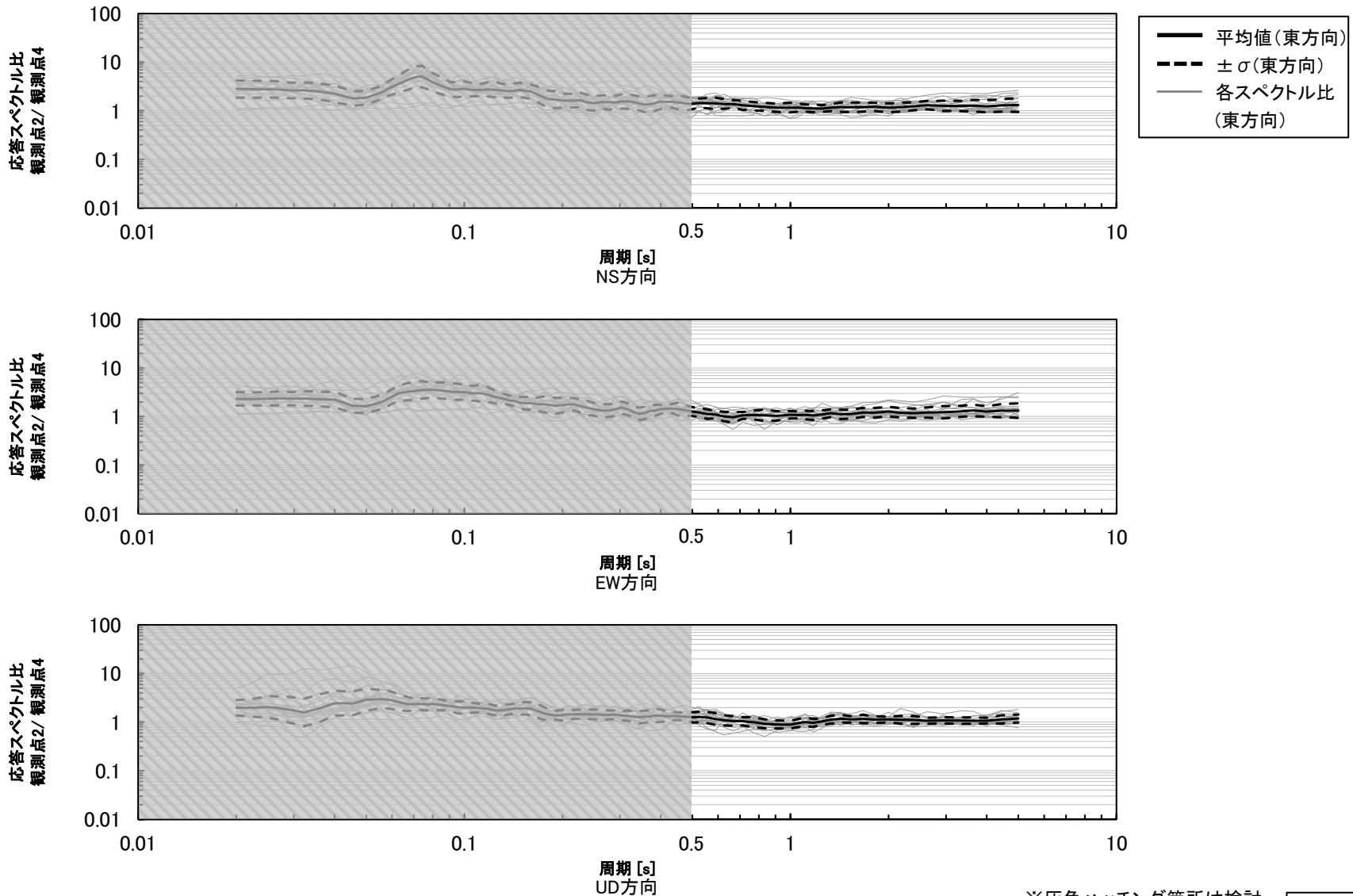
全方向 — 観測点2/観測点4 —



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。

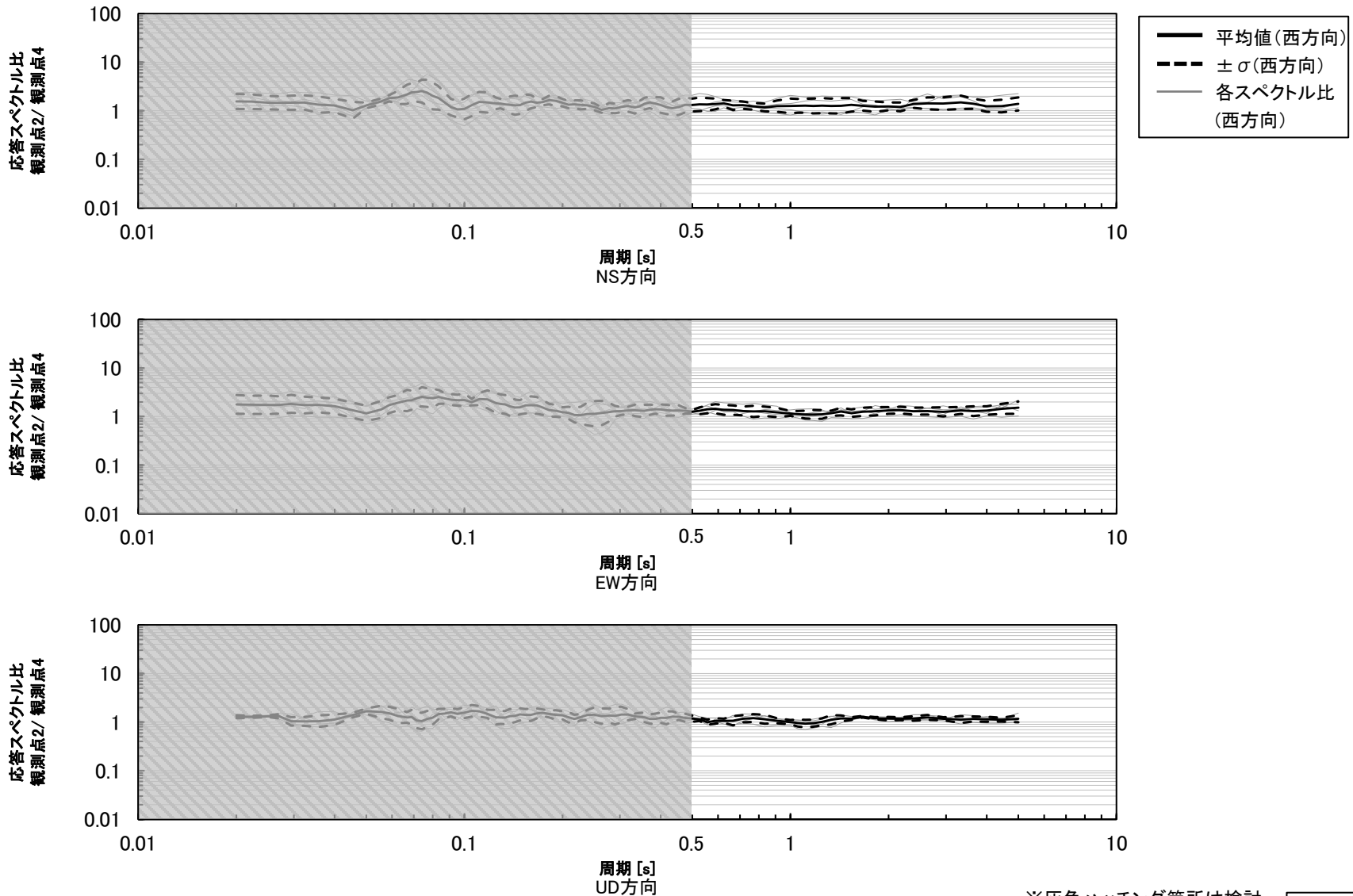
東方向 — 観測点2/観測点4 —



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。

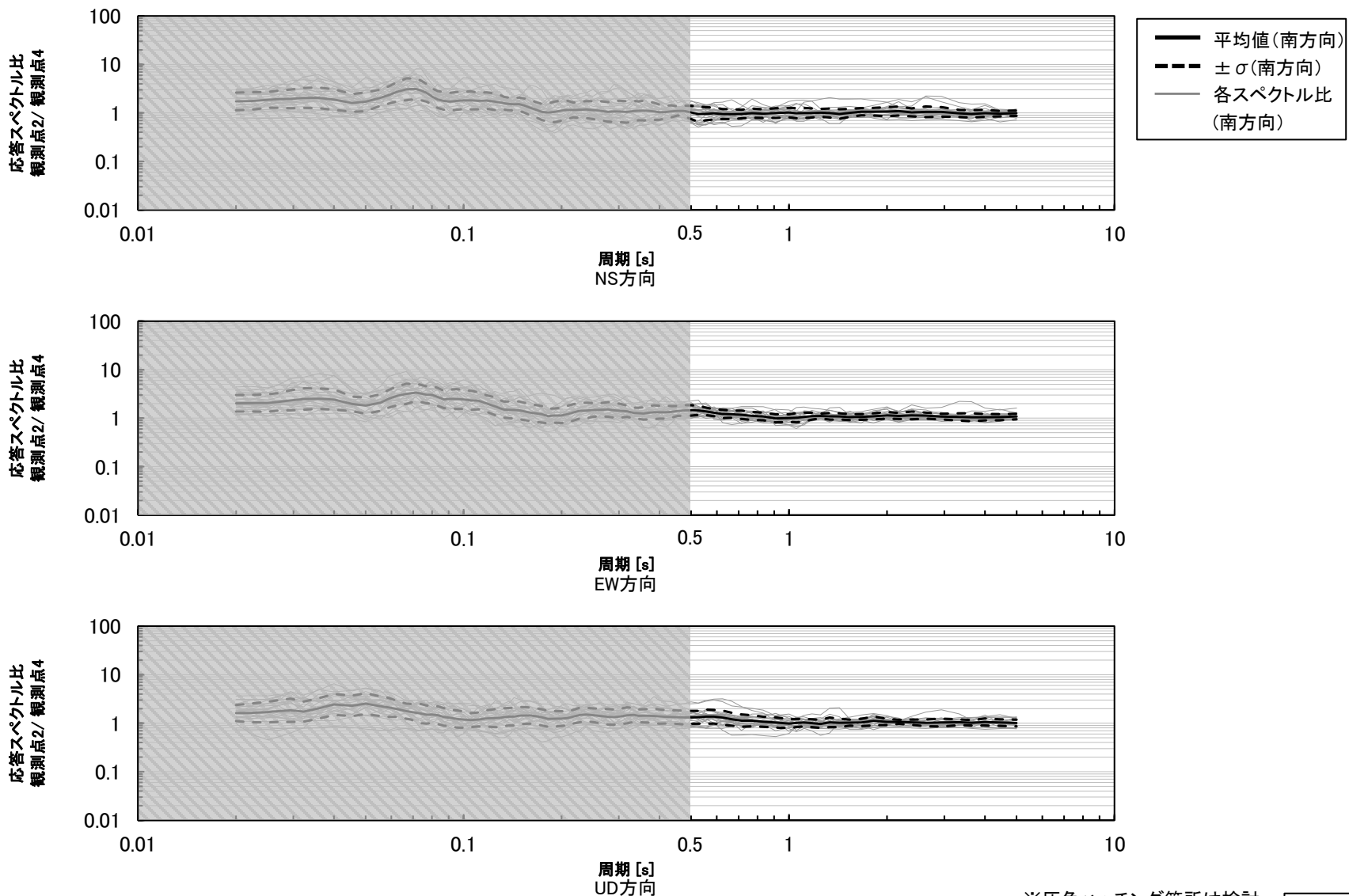
西方向 — 観測点2/観測点4 —



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。

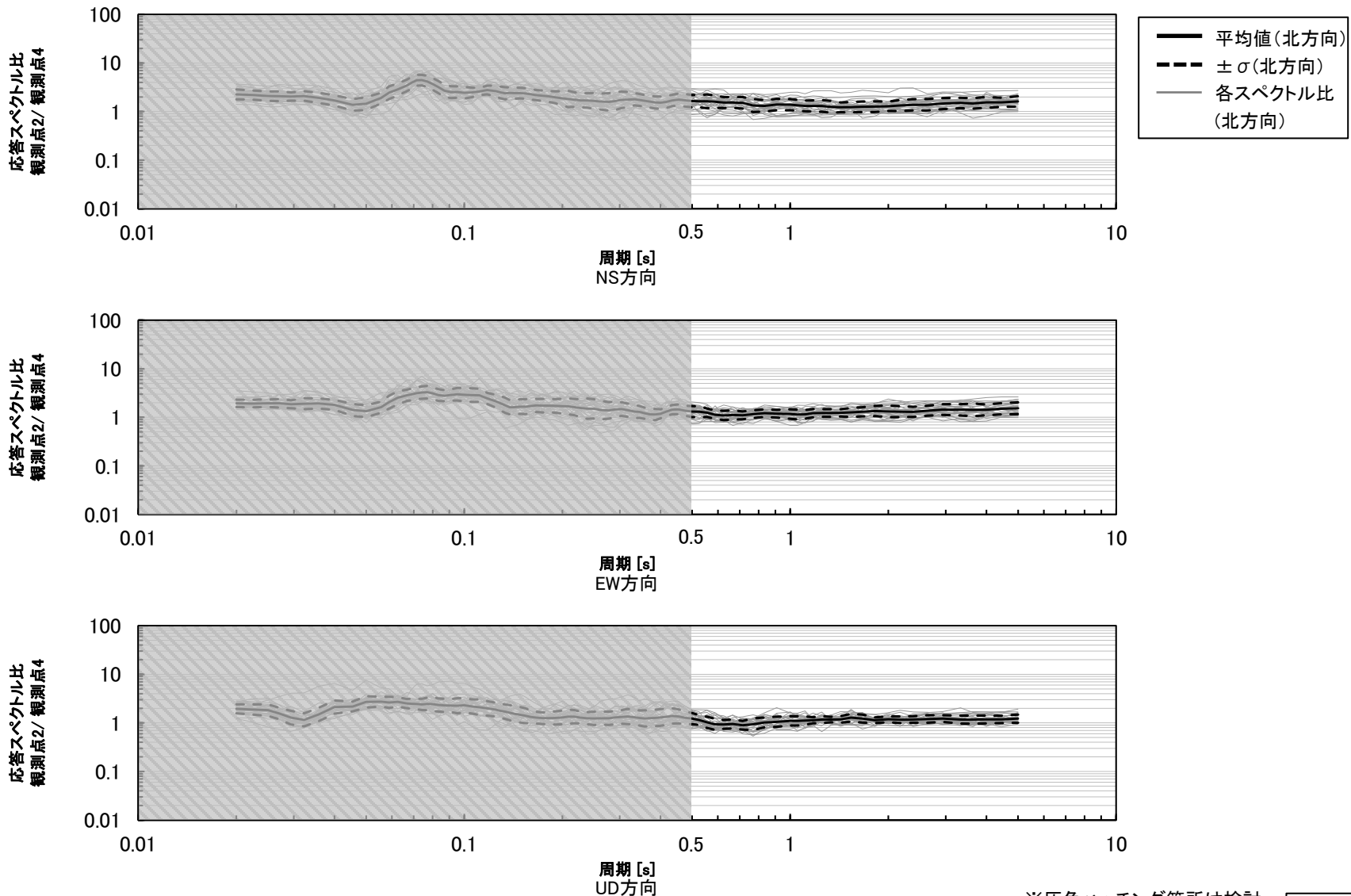
南方向 — 観測点2/観測点4 —



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。

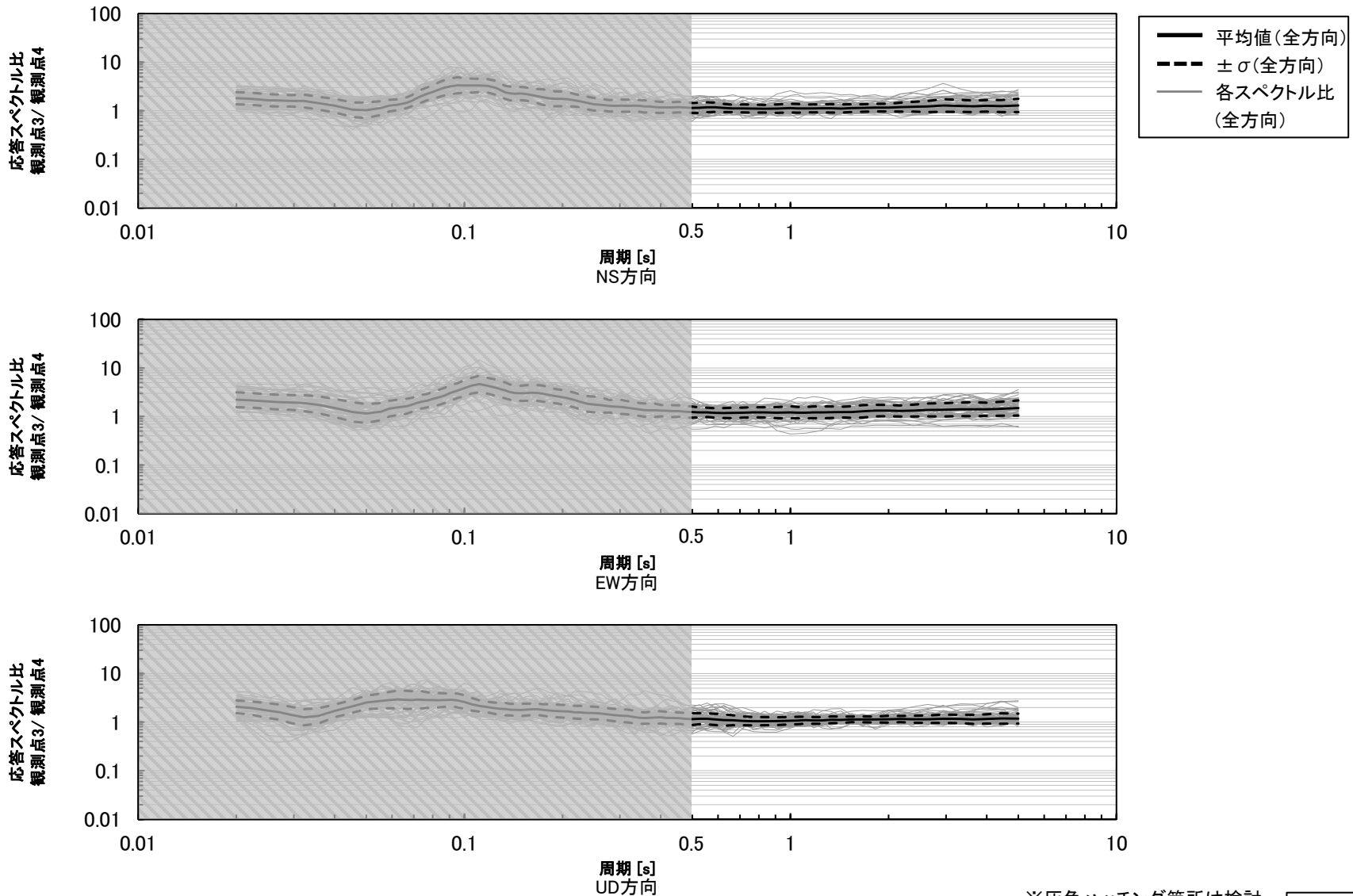
北方向 — 観測点2/観測点4—



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。