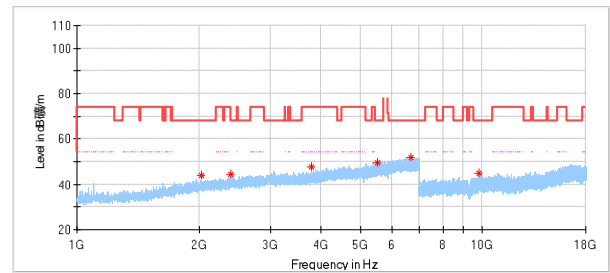
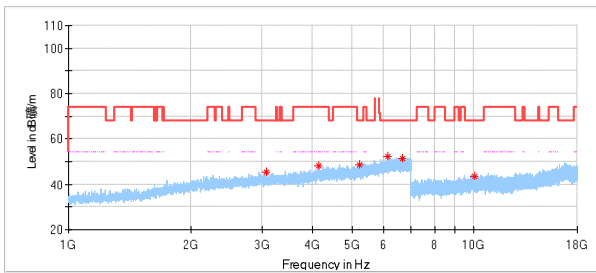
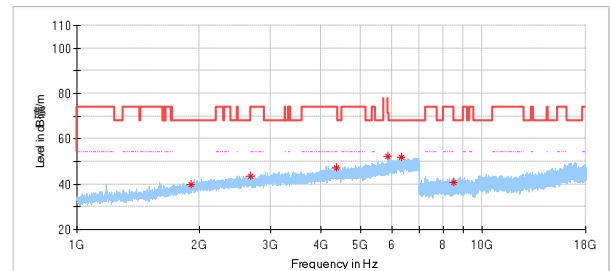
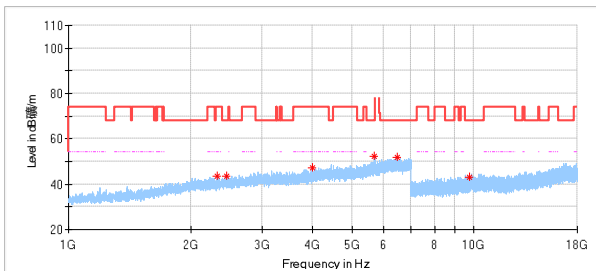


11A_Ant0_5785MHz



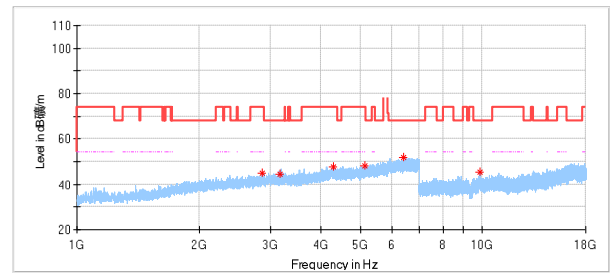
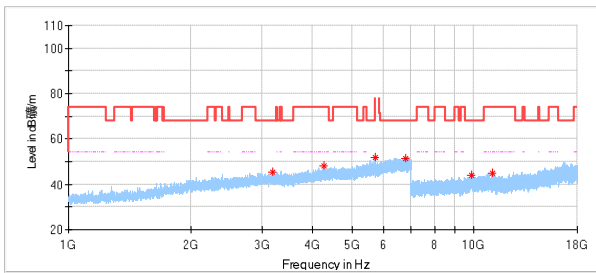
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3085.500000	45.60	68.20	22.60	150.0	H	177.0	0.13
4140.000000	47.98	74.00	26.02	150.0	H	4.0	2.72
5229.000000	48.70	68.20	19.50	150.0	H	87.0	4.91
6144.500000	52.11	68.20	16.09	150.0	H	328.0	7.53
6653.500000	51.30	68.20	16.90	150.0	H	0.0	8.16
10072.000000	43.67	68.20	24.53	150.0	H	192.0	9.90
2032.000000	44.01	68.20	24.19	150.0	V	202.0	-3.22
2393.000000	44.67	68.20	23.53	150.0	V	211.0	-2.06
3800.000000	47.53	74.00	26.47	150.0	V	86.0	1.34
5496.500000	49.47	68.20	18.73	150.0	V	41.0	5.68
6665.000000	51.76	68.20	16.44	150.0	V	350.0	8.21
9810.000000	45.01	68.20	23.19	150.0	V	61.0	10.55

11A_Ant1_5785MHz



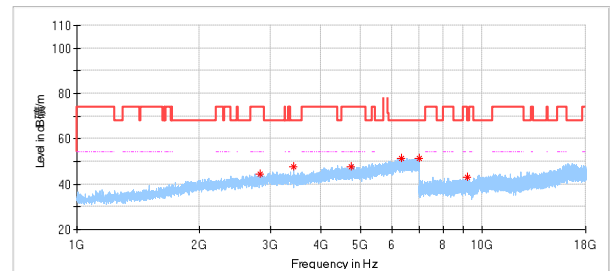
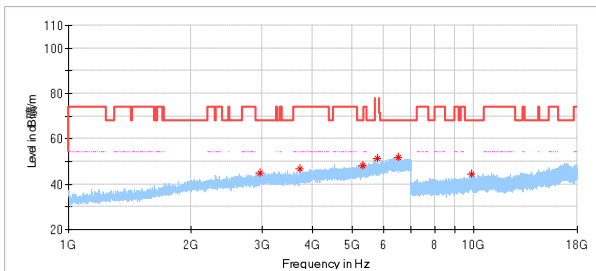
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2323.000000	43.54	74.00	30.46	150.0	H	50.0	-2.15
2461.500000	43.37	68.20	24.83	150.0	H	157.0	-1.81
3993.500000	47.14	74.00	26.86	150.0	H	350.0	2.01
5691.500000	52.38	68.20	15.82	150.0	H	202.0	6.08
6454.000000	52.00	68.20	16.20	150.0	H	77.0	8.35
9744.500000	42.99	68.20	25.21	150.0	H	334.0	9.62
1917.000000	39.84	68.20	28.36	150.0	V	1.0	-3.91
2679.000000	43.42	68.20	24.78	150.0	V	309.0	-1.15
4361.500000	47.08	74.00	26.92	150.0	V	68.0	3.18
5860.000000	52.08	78.20	26.12	150.0	V	4.0	6.77
6323.500000	51.84	68.20	16.36	150.0	V	59.0	7.85
8514.000000	40.82	68.20	27.38	150.0	V	57.0	8.26

11A_Ant0_5825MHz



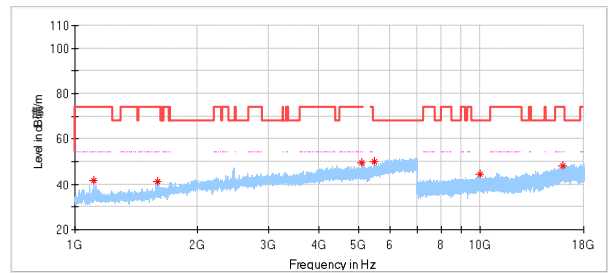
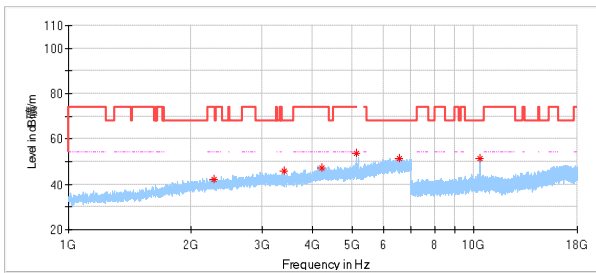
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3184.500000	45.49	68.20	22.71	150.0	H	350.0	0.19
4276.500000	48.06	74.00	25.94	150.0	H	56.0	3.23
5700.000000	52.06	68.20	16.14	150.0	H	202.0	6.13
6784.500000	51.46	68.20	16.74	150.0	H	127.0	8.29
9889.000000	44.18	68.20	24.02	150.0	H	244.0	10.94
11088.000000	44.99	74.00	29.01	150.0	H	57.0	10.49
2867.500000	44.76	74.00	29.24	150.0	V	316.0	-0.55
3164.000000	44.39	68.20	23.81	150.0	V	354.0	0.18
4295.500000	47.75	74.00	26.25	150.0	V	111.0	3.18
5147.000000	48.29	74.00	25.71	150.0	V	31.0	5.04
6407.500000	51.71	68.20	16.49	150.0	V	1.0	8.09
9892.000000	45.42	68.20	22.78	150.0	V	139.0	10.88

11A_Ant1_5825MHz



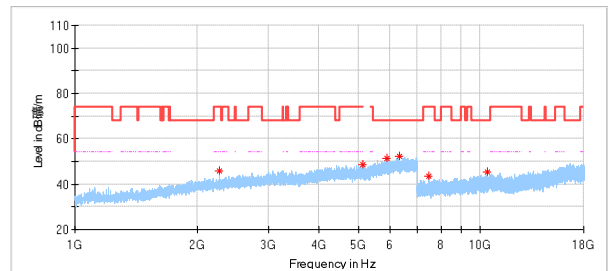
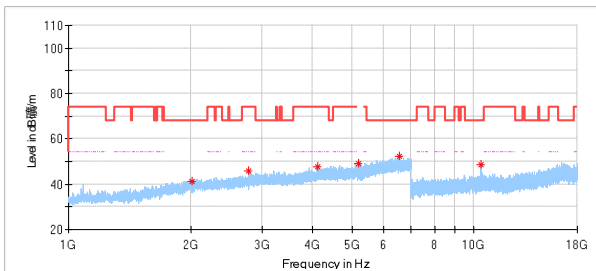
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2977.500000	44.73	68.20	23.47	150.0	H	0.0	-0.12
3713.500000	46.60	74.00	27.40	150.0	H	263.0	1.03
5312.000000	47.99	68.20	20.21	150.0	H	200.0	5.01
5787.000000	51.44	---	---	150.0	H	40.0	6.54
6494.500000	51.80	68.20	16.40	150.0	H	48.0	8.57
9844.000000	44.31	68.20	23.89	150.0	H	328.0	11.16
2836.500000	44.68	74.00	29.32	150.0	V	159.0	-0.61
3424.000000	47.50	68.20	20.70	150.0	V	221.0	0.38
4742.500000	47.47	74.00	26.53	150.0	V	266.0	3.78
6329.500000	51.47	68.20	16.73	150.0	V	10.0	7.85
6974.500000	51.29	68.20	16.91	150.0	V	87.0	8.50
9176.000000	43.27	74.00	30.73	150.0	V	85.0	8.75

11N20_Ant0+1_5180MHz



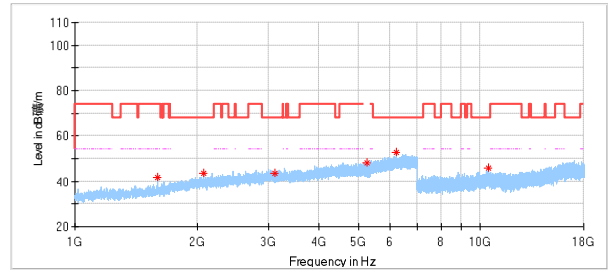
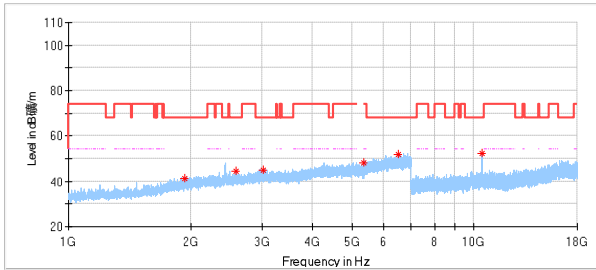
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2291.500000	42.18	74.00	31.82	150.0	H	299.0	-2.36
3413.000000	46.00	68.20	22.20	150.0	H	9.0	0.30
4224.500000	47.35	74.00	26.65	150.0	H	210.0	2.88
5129.500000	53.53	74.00	20.47	150.0	H	201.0	4.90
6540.000000	51.29	68.20	16.91	150.0	H	255.0	8.11
10359.000000	51.24	68.20	16.96	150.0	H	111.0	10.42
1112.500000	41.67	74.00	32.33	150.0	V	338.0	-9.54
1600.500000	41.01	74.00	32.99	150.0	V	0.0	-6.64
5105.000000	49.61	74.00	24.39	150.0	V	204.0	4.69
5473.500000	50.04	68.20	18.16	150.0	V	142.0	5.65
10019.500000	44.29	68.20	23.91	150.0	V	86.0	9.81
15961.000000	48.07	74.00	25.93	150.0	V	0.0	16.06

11N20_Ant0+1_5200MHz



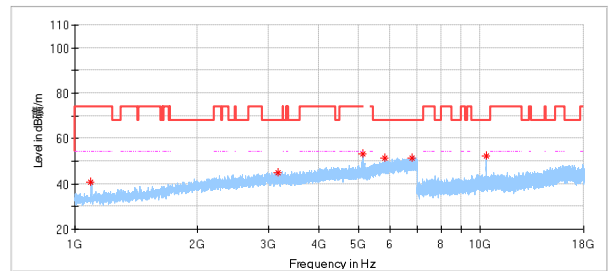
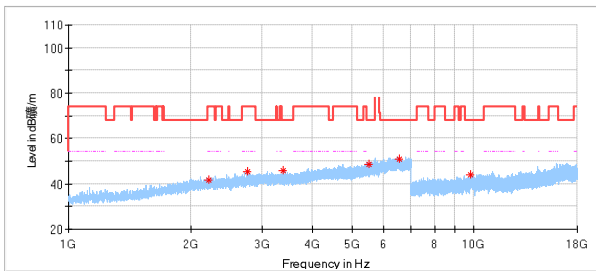
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2016.500000	41.26	68.20	26.94	150.0	H	148.0	-3.33
2786.000000	45.70	74.00	28.30	150.0	H	0.0	-0.80
4113.500000	47.80	74.00	26.20	150.0	H	41.0	2.59
5193.000000	49.20	---	---	150.0	H	211.0	5.03
6540.000000	52.31	68.20	15.89	150.0	H	318.0	8.11
10396.500000	48.53	68.20	19.67	150.0	H	85.0	10.44
2272.000000	45.89	74.00	28.11	150.0	V	15.0	-2.47
5120.500000	48.53	74.00	25.47	150.0	V	350.0	4.83
5884.000000	51.43	68.20	16.77	150.0	V	273.0	6.83
6319.500000	52.26	68.20	15.94	150.0	V	350.0	7.84
7457.000000	43.49	74.00	30.51	150.0	V	113.0	7.22
10397.500000	45.60	68.20	22.60	150.0	V	165.0	10.44

11N20_Ant0+1_5240MHz



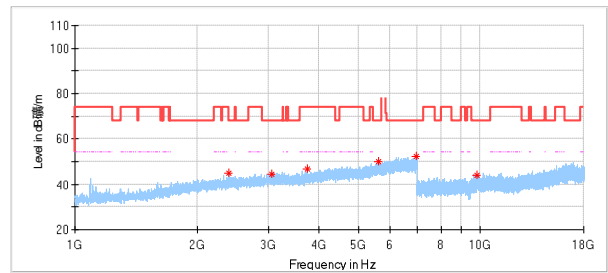
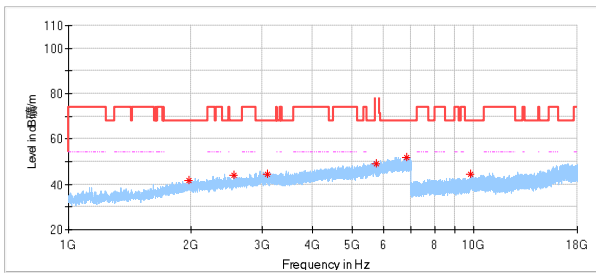
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1938.500000	41.43	68.20	26.77	150.0	H	95.0	-3.71
2587.000000	44.33	68.20	23.87	150.0	H	104.0	-1.44
3022.000000	45.00	68.20	23.20	150.0	H	327.0	0.15
5350.000000	48.38	74.00	25.62	150.0	H	121.0	5.25
6500.500000	51.93	68.20	16.27	150.0	H	59.0	8.51
10480.000000	52.49	68.20	15.71	150.0	H	274.0	10.45
1597.000000	41.66	74.00	32.34	150.0	V	102.0	-6.67
2073.500000	43.77	68.20	24.43	150.0	V	1.0	-3.12
3105.000000	43.76	68.20	24.44	150.0	V	150.0	0.01
5252.000000	47.93	---	---	150.0	V	266.0	4.91
6218.500000	52.61	68.20	15.59	150.0	V	266.0	7.85
10475.500000	45.95	68.20	22.25	150.0	V	85.0	10.45

11N20_Ant0+1_5745MHz



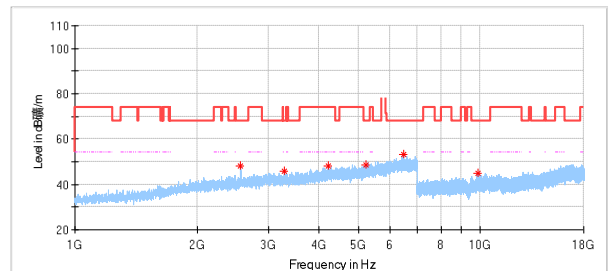
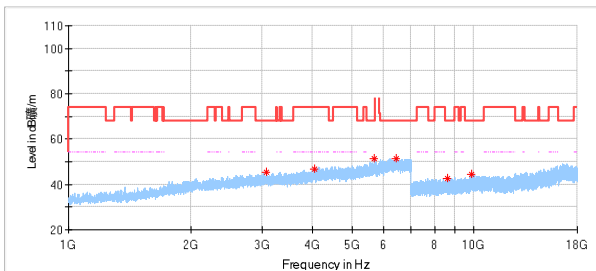
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2217.500000	41.49	74.00	32.51	150.0	H	273.0	-2.61
2770.000000	45.51	74.00	28.49	150.0	H	0.0	-0.83
3390.000000	45.86	68.20	22.34	150.0	H	229.0	0.22
5523.000000	48.56	68.20	19.64	150.0	H	300.0	5.64
6549.000000	51.14	68.20	17.06	150.0	H	68.0	8.02
9811.000000	43.87	68.20	24.33	150.0	H	57.0	10.57
1096.500000	40.99	74.00	33.01	150.0	V	338.0	-9.54
3161.500000	44.94	68.20	23.26	150.0	V	0.0	-6.64
5126.000000	53.20	74.00	20.80	150.0	V	204.0	4.69
5822.000000	51.36	68.20	16.84	150.0	V	142.0	5.65
6781.000000	51.19	68.20	17.01	150.0	V	86.0	9.81
10362.000000	52.24	68.20	15.97	150.0	V	0.0	16.06

11N20_Ant0+1_5785MHz



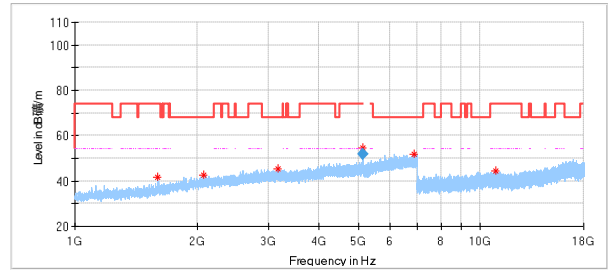
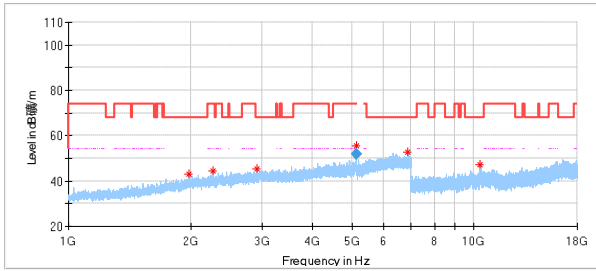
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1982.500000	41.63	68.20	26.57	150.0	H	280.0	-3.25
2561.500000	43.81	68.20	24.39	150.0	H	35.0	-1.50
3092.500000	44.42	68.20	23.78	150.0	H	2.0	0.09
5759.500000	48.98	---	---	150.0	H	124.0	6.49
6840.000000	51.71	68.20	16.49	150.0	H	325.0	8.41
9802.000000	44.37	68.20	23.83	150.0	H	350.0	10.40
2394.500000	45.05	68.20	23.15	150.0	V	318.0	-2.05
3067.000000	44.39	68.20	23.81	150.0	V	282.0	0.16
3750.000000	46.63	74.00	27.37	150.0	V	50.0	1.24
5602.500000	50.19	68.20	18.01	150.0	V	255.0	5.81
6946.500000	52.43	68.20	15.77	150.0	V	112.0	8.39
9814.500000	43.96	68.20	24.24	150.0	V	167.0	10.63

11N20_Ant0+1_5825MHz



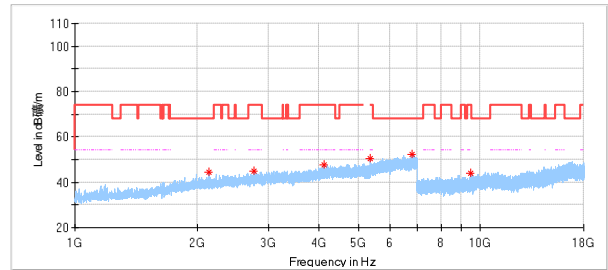
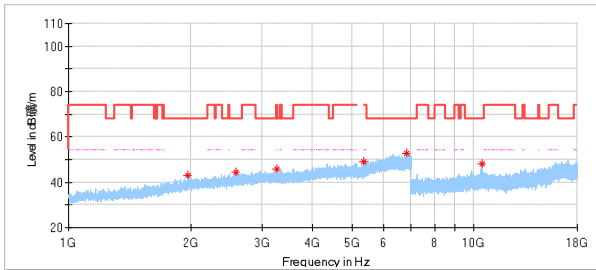
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3082.000000	45.43	68.20	22.77	150.0	H	234.0	0.15
4044.500000	46.69	74.00	27.31	150.0	H	65.0	2.08
5694.000000	51.22	68.20	16.98	150.0	H	207.0	6.09
6425.000000	51.42	68.20	16.78	150.0	H	306.0	8.18
8588.000000	42.45	68.20	25.75	150.0	H	113.0	8.33
9870.000000	44.48	68.20	23.72	150.0	H	218.0	11.29
2566.500000	48.28	68.20	19.92	150.0	V	291.0	-1.49
3291.000000	45.88	68.20	22.32	150.0	V	193.0	0.43
4212.500000	48.28	74.00	25.72	150.0	V	121.0	2.86
5219.500000	48.48	68.20	19.72	150.0	V	29.0	4.90
6458.000000	53.01	68.20	15.19	150.0	V	211.0	8.38
9863.000000	44.93	68.20	23.27	150.0	V	139.0	11.42

11N40_Ant0+1_5190MHz



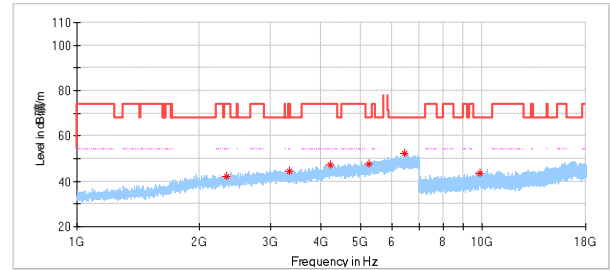
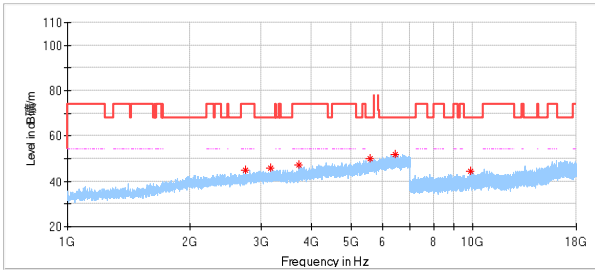
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1978.000000	43.03	68.20	25.17	150.0	H	66.0	-3.34
2267.500000	44.31	74.00	29.69	150.0	H	209.0	-2.51
2920.500000	45.52	68.20	22.68	150.0	H	351.0	-0.35
5130.500000	55.35	74.00	18.65	150.0	H	200.0	4.91
6857.000000	52.71	68.20	15.49	150.0	H	209.0	8.39
10379.000000	47.23	68.20	20.97	150.0	H	297.0	10.43
1596.000000	41.66	74.00	32.34	150.0	V	229.0	-6.68
2072.500000	42.58	68.20	25.62	150.0	V	229.0	-3.12
3162.000000	45.36	68.20	22.84	150.0	V	0.0	0.16
5124.500000	54.68	74.00	19.32	150.0	V	291.0	4.86
6865.500000	51.64	68.20	16.56	150.0	V	4.0	8.39
10902.500000	44.69	74.00	29.31	150.0	V	271.0	10.46
Frequency	Average	Limit	Margin	Height	Pol	Azimuth	Corr.
5130.500000	51.66	54.00	2.34	150.0	H	200.0	4.91
5124.500000	51.96	54.00	2.04	150.0	V	291.0	4.86

11N40_Ant0+1_5230MHz



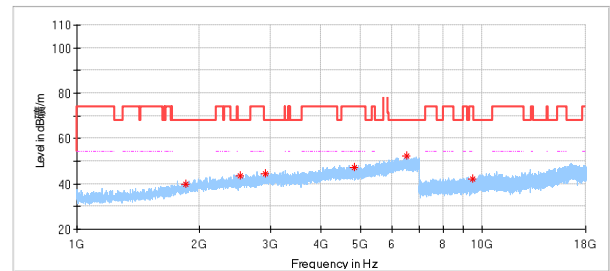
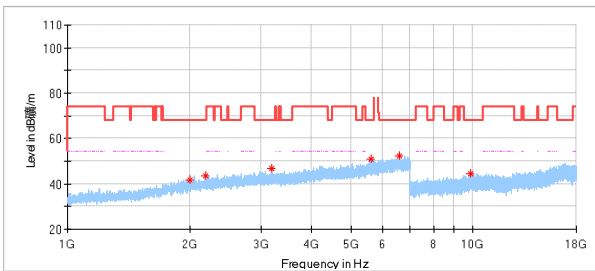
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1969.500000	42.95	68.20	25.25	150.0	H	23.0	-3.50
2587.000000	44.42	68.20	23.78	150.0	H	9.0	-1.44
3266.500000	45.78	74.00	28.22	150.0	H	121.0	0.37
5357.500000	49.06	74.00	24.94	150.0	H	77.0	5.30
6843.500000	52.68	68.20	15.52	150.0	H	121.0	8.40
10462.000000	47.99	68.20	20.21	150.0	H	351.0	10.45
2141.000000	44.32	68.20	23.88	150.0	V	50.0	-2.96
2760.000000	44.83	74.00	29.17	150.0	V	130.0	-0.85
4113.500000	47.67	74.00	26.33	150.0	V	139.0	2.59
5365.000000	50.56	74.00	23.44	150.0	V	104.0	5.36
6783.000000	52.19	68.20	16.02	150.0	V	1.0	8.29
9443.000000	43.89	74.00	30.11	150.0	V	303.0	9.38

11N40_Ant0+1_5755MHz



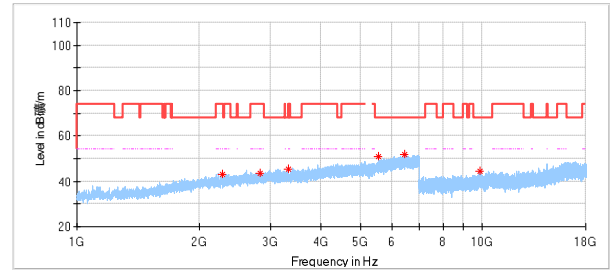
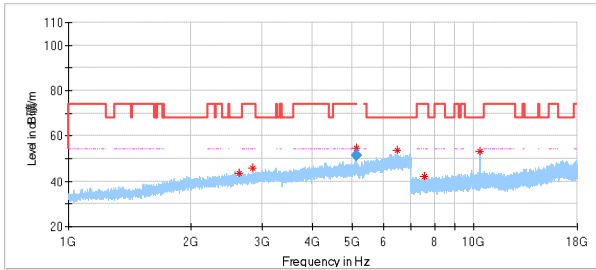
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2750.500000	44.94	74.00	29.06	150.0	H	291.0	-0.89
3173.500000	46.01	68.20	22.19	150.0	H	300.0	0.22
3720.000000	47.12	74.00	26.88	150.0	H	68.0	1.06
5565.500000	50.02	68.20	18.18	150.0	H	344.0	5.72
6450.500000	51.71	68.20	16.49	150.0	H	229.0	8.33
9878.000000	44.63	68.20	23.57	150.0	H	326.0	11.14
2342.500000	42.14	74.00	31.86	150.0	V	65.0	-2.14
3348.500000	44.40	74.00	29.60	150.0	V	145.0	0.29
4211.500000	47.02	74.00	26.98	150.0	V	91.0	2.86
5253.000000	47.90	68.20	20.30	150.0	V	193.0	4.91
6431.500000	52.33	68.20	15.87	150.0	V	336.0	8.21
9849.000000	43.54	68.20	24.66	150.0	V	323.0	11.25

11N40_Ant0+1_5795MHz



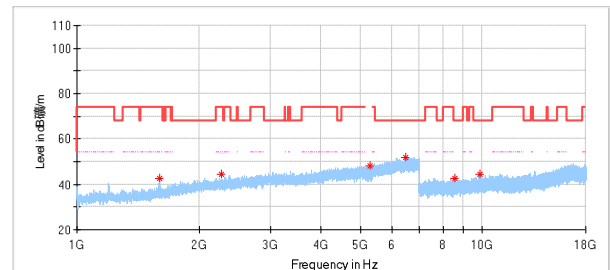
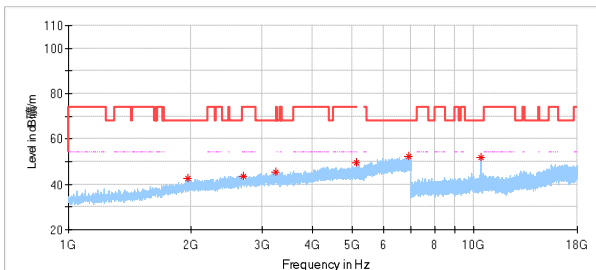
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2008.500000	41.72	68.20	26.48	150.0	H	87.0	-3.40
2193.000000	43.39	68.20	24.81	150.0	H	266.0	-2.68
3189.000000	46.60	68.20	21.60	150.0	H	177.0	0.18
5603.000000	51.01	68.20	17.19	150.0	H	61.0	5.81
6583.000000	52.19	68.20	16.01	150.0	H	345.0	7.97
9852.500000	44.59	68.20	23.61	150.0	H	271.0	11.31
1860.500000	39.71	68.20	28.49	150.0	V	275.0	-4.43
2533.000000	43.45	68.20	24.75	150.0	V	123.0	-1.63
2918.500000	44.41	68.20	23.79	150.0	V	351.0	-0.37
4823.500000	47.17	74.00	26.83	150.0	V	78.0	3.83
6500.500000	52.30	68.20	15.90	150.0	V	69.0	8.51
9458.500000	42.00	74.00	32.00	150.0	V	275.0	9.56

11AC20_Ant0+1_5180MHz



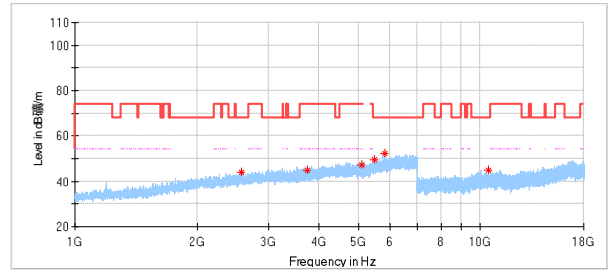
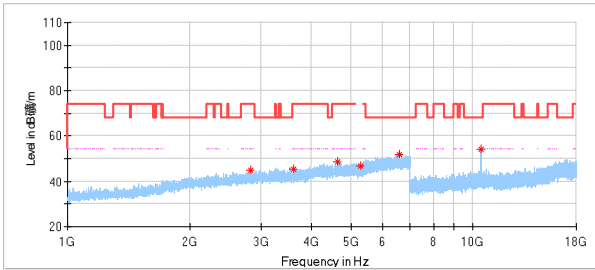
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2641.000000	43.70	68.20	24.50	150.0	H	351.0	-1.23
2854.000000	45.77	74.00	28.23	150.0	H	310.0	-0.59
5129.000000	54.46	74.00	19.54	150.0	H	212.0	4.89
6489.500000	53.80	68.20	14.40	150.0	H	351.0	8.57
7566.000000	41.96	74.00	32.04	150.0	H	113.0	7.55
10361.500000	53.44	68.20	14.76	150.0	H	85.0	10.43
2282.500000	43.00	74.00	31.00	150.0	V	34.0	-2.40
2836.000000	43.42	74.00	30.58	150.0	V	87.0	-0.60
3332.500000	45.32	74.00	28.68	150.0	V	10.0	0.36
5540.000000	50.79	68.20	17.41	150.0	V	2.0	5.63
6428.500000	51.99	68.20	16.21	150.0	V	248.0	8.20
9845.500000	44.56	68.20	23.64	150.0	V	326.0	11.19
Frequency	Average	Limit	Margin	Height	Pol	Azimuth	Corr.
5129.000000	51.29	54.00	2.71	150.0	H	212.0	4.89

11AC20_Ant0+1_5200MHz



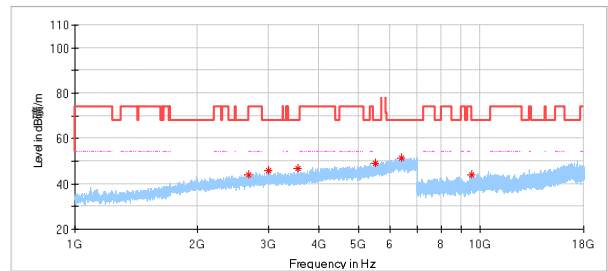
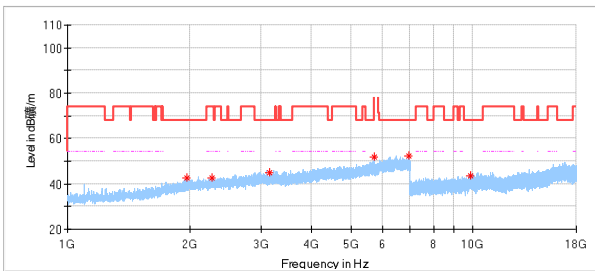
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1972.000000	42.78	68.20	25.42	150.0	H	273.0	-3.45
2706.500000	43.46	74.00	30.54	150.0	H	309.0	-1.08
3254.500000	45.56	68.20	22.64	150.0	H	104.0	0.32
5126.000000	49.57	74.00	24.43	150.0	H	166.0	4.87
6905.000000	52.18	68.20	16.02	150.0	H	211.0	8.37
10402.000000	51.73	68.20	16.47	150.0	H	274.0	10.44
1597.000000	42.74	74.00	31.27	150.0	V	8.0	-6.67
2273.000000	44.32	74.00	29.68	150.0	V	325.0	-2.47
5288.500000	48.08	---	---	150.0	V	31.0	4.96
6476.000000	52.01	68.20	16.19	150.0	V	325.0	8.48
8536.000000	42.78	68.20	25.42	150.0	V	277.0	8.28
9894.000000	44.55	68.20	23.65	150.0	V	29.0	10.84

11AC20_Ant0+1_5240MHz



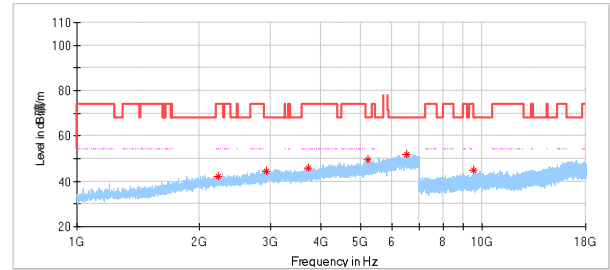
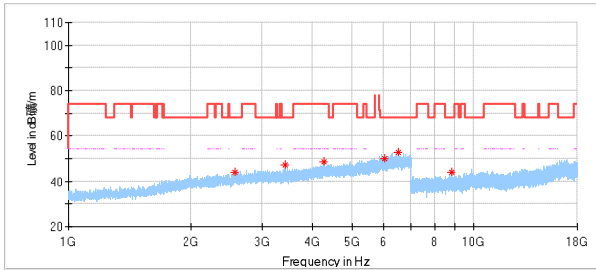
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2829.000000	45.00	74.00	29.00	150.0	H	185.0	-0.60
3604.000000	45.18	74.00	28.82	150.0	H	0.0	0.65
4647.500000	48.61	74.00	25.39	150.0	H	34.0	3.62
5283.500000	46.80	---	---	150.0	H	257.0	4.94
6577.000000	51.83	68.20	16.37	150.0	H	2.0	7.96
10478.500000	54.02	68.20	14.18	150.0	H	274.0	10.45
2568.500000	43.81	68.20	24.39	150.0	V	111.0	-1.49
3742.500000	44.77	74.00	29.23	150.0	V	8.0	1.20
5099.500000	47.37	74.00	26.63	150.0	V	102.0	4.63
5487.000000	49.62	68.20	18.58	150.0	V	218.0	5.70
5829.000000	52.15	68.20	16.05	150.0	V	66.0	6.62
10480.500000	45.09	68.20	23.11	150.0	V	223.0	10.45

11AC20_Ant0+1_5745MHz



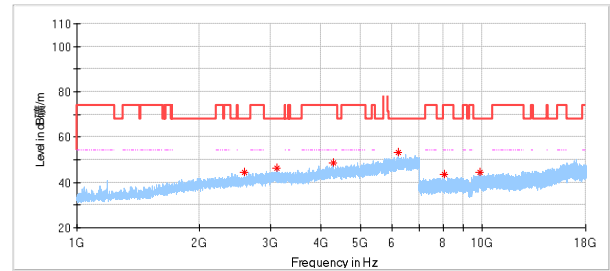
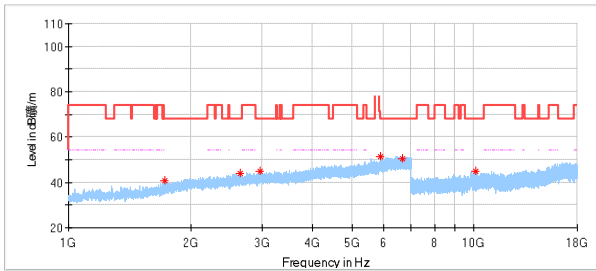
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1974.000000	42.81	68.20	25.39	150.0	H	0.0	-3.42
2267.000000	42.71	74.00	31.29	150.0	H	166.0	-2.51
3144.500000	45.05	68.20	23.15	150.0	H	0.0	0.05
5697.500000	51.86	68.20	16.34	150.0	H	202.0	6.11
6954.500000	52.23	68.20	15.97	150.0	H	175.0	8.39
9857.500000	43.32	68.20	24.88	150.0	H	0.0	11.40
2685.500000	43.95	68.20	24.25	150.0	V	123.0	-1.13
3000.500000	45.71	68.20	22.49	150.0	V	319.0	0.00
3544.500000	46.89	68.20	21.31	150.0	V	275.0	0.56
5512.000000	49.28	68.20	18.92	150.0	V	10.0	5.66
6411.000000	51.61	68.20	16.59	150.0	V	123.0	8.10
9506.000000	43.92	68.20	24.28	150.0	V	113.0	9.57

11AC20_Ant0+1_5785MHz



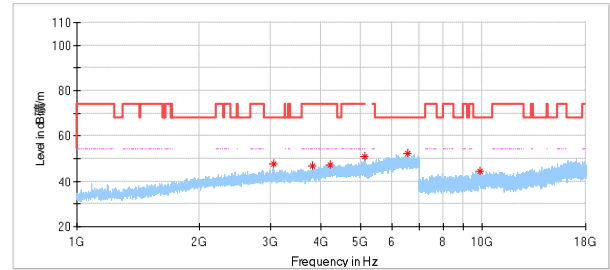
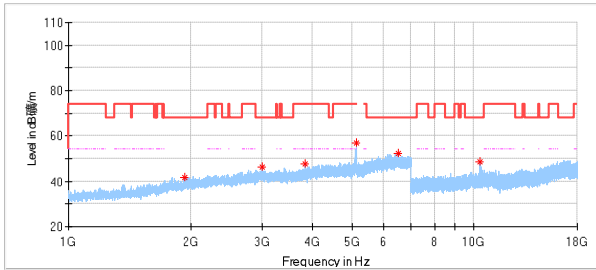
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2575.000000	43.94	68.20	24.26	150.0	H	237.0	-1.48
3424.000000	47.06	68.20	21.14	150.0	H	109.0	0.38
4277.500000	48.47	74.00	25.53	150.0	H	291.0	3.23
6025.500000	49.78	68.20	18.42	150.0	H	356.0	7.06
6493.000000	52.78	68.20	15.42	150.0	H	38.0	8.58
8812.500000	44.13	68.20	24.07	150.0	H	323.0	8.60
2236.500000	42.15	74.00	31.85	150.0	V	0.0	-2.48
2933.500000	44.54	68.20	23.66	150.0	V	86.0	-0.26
3731.500000	45.70	74.00	28.30	150.0	V	291.0	1.13
5209.000000	49.41	68.20	18.80	150.0	V	86.0	4.94
6500.500000	51.69	68.20	16.51	150.0	V	32.0	8.51
9515.500000	44.98	68.20	23.22	150.0	V	29.0	9.51

11AC20_Ant0+1_5825MHz



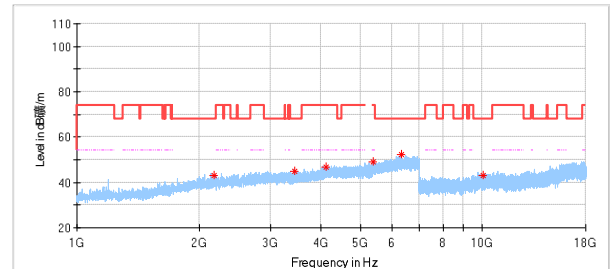
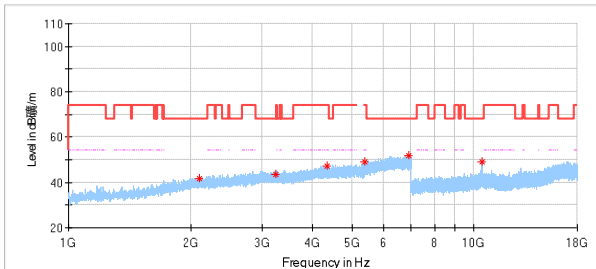
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1729.500000	40.91	68.20	27.29	150.0	H	336.0	-5.53
2652.000000	43.84	68.20	24.36	150.0	H	166.0	-1.18
2961.000000	44.83	68.20	23.37	150.0	H	157.0	-0.07
5872.500000	51.57	68.20	16.63	150.0	H	166.0	6.82
6681.000000	50.32	68.20	17.88	150.0	H	130.0	8.29
10117.500000	44.74	68.20	23.46	150.0	H	4.0	9.87
2583.500000	44.36	68.20	23.84	150.0	V	5.0	-1.45
3118.000000	46.25	68.20	21.95	150.0	V	17.0	0.00
4301.000000	48.60	74.00	25.40	150.0	V	69.0	3.16
6215.000000	53.14	68.20	15.06	150.0	V	266.0	7.85
8043.000000	43.43	74.00	30.57	150.0	V	244.0	7.76
9900.500000	44.34	68.20	23.86	150.0	V	244.0	10.72

11AC40_Ant0+1_5190MHz



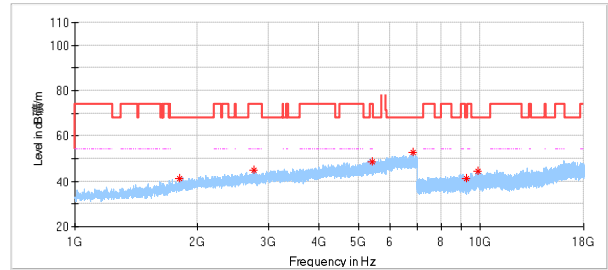
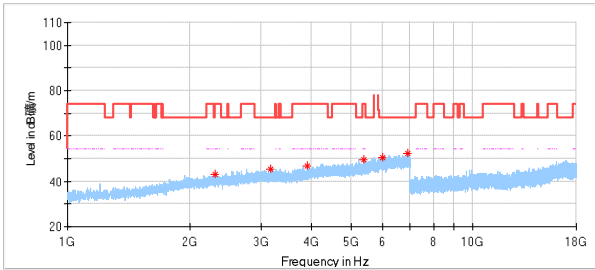
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1933.500000	41.79	68.20	26.41	150.0	H	39.0	-3.69
3000.500000	46.26	68.20	21.94	150.0	H	22.0	0.00
3825.000000	47.65	74.00	26.35	150.0	H	230.0	1.26
5134.500000	56.77	74.00	17.23	150.0	H	212.0	4.94
6496.000000	52.21	68.20	15.99	150.0	H	100.0	8.55
10378.000000	48.43	68.20	19.77	150.0	H	271.0	10.43
3050.000000	47.53	68.20	20.67	150.0	V	32.0	0.13
3810.000000	46.86	74.00	27.14	150.0	V	112.0	1.31
4211.000000	47.22	74.00	26.78	150.0	V	103.0	2.86
5127.500000	50.80	74.00	23.20	150.0	V	4.0	4.88
6542.500000	52.22	68.20	15.98	150.0	V	85.0	8.09
9861.500000	44.37	68.20	23.83	150.0	V	88.0	11.45

11AC40_Ant0+1_5230MHz



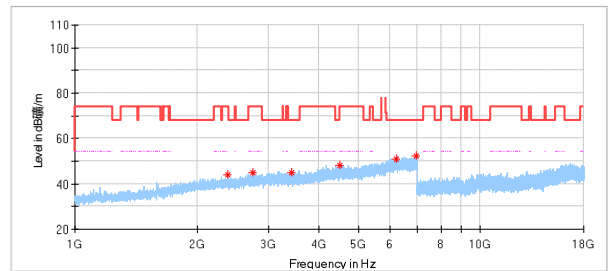
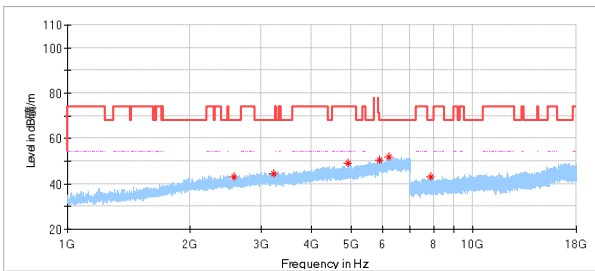
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2106.000000	41.86	68.20	26.34	150.0	H	340.0	-3.09
3242.500000	43.45	68.20	24.75	150.0	H	90.0	0.27
4351.000000	47.22	74.00	26.78	150.0	H	161.0	3.16
5370.000000	49.26	74.00	24.74	150.0	H	144.0	5.39
6912.500000	51.80	68.20	16.40	150.0	H	0.0	8.38
10466.500000	49.02	68.20	19.18	150.0	H	142.0	10.45
2180.500000	43.19	68.20	25.01	150.0	V	317.0	-2.77
3454.500000	44.98	68.20	23.22	150.0	V	308.0	0.44
4109.000000	46.60	74.00	27.40	150.0	V	0.0	2.57
5394.500000	49.27	74.00	24.73	150.0	V	121.0	5.39
6328.500000	52.09	68.20	16.11	150.0	V	192.0	7.85
10028.500000	43.27	68.20	24.93	150.0	V	303.0	9.83

11AC40_Ant0+1_5755MHz



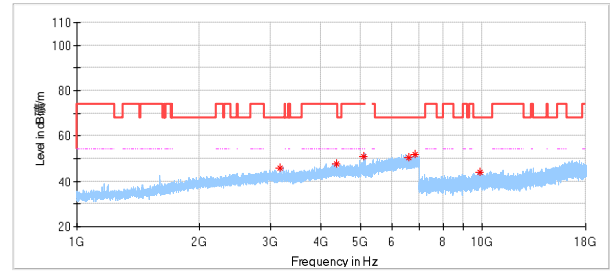
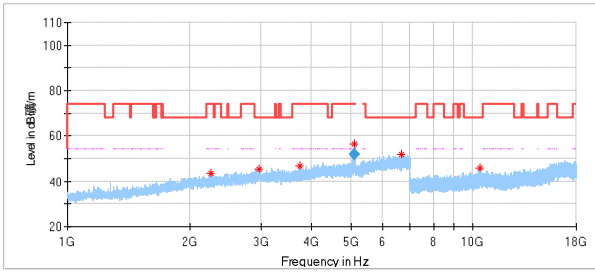
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2309.000000	42.98	68.20	25.22	150.0	H	211.0	-2.29
3174.500000	45.47	68.20	22.73	150.0	H	202.0	0.22
3898.500000	46.68	74.00	27.32	150.0	H	327.0	1.52
5382.500000	49.76	74.00	24.24	150.0	H	157.0	5.41
5977.000000	50.49	68.20	17.71	150.0	H	264.0	6.77
6918.500000	52.51	68.20	15.69	150.0	H	318.0	8.38
1808.500000	41.36	68.20	26.84	150.0	V	2.0	-4.88
2766.500000	45.07	74.00	28.93	150.0	V	2.0	-0.84
5404.500000	48.50	74.00	25.50	150.0	V	97.0	5.37
6832.000000	52.56	68.20	15.64	150.0	V	160.0	8.41
9231.500000	41.44	68.20	26.76	150.0	V	352.0	8.80
9885.000000	44.42	68.20	23.78	150.0	V	218.0	11.01

11AC40_Ant0+1_5795MHz



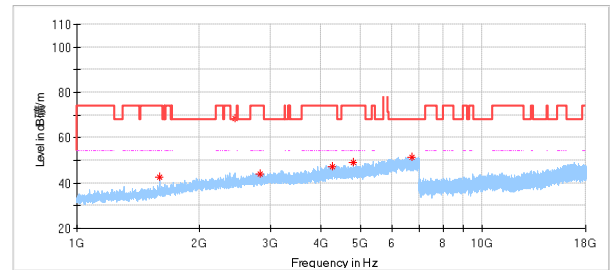
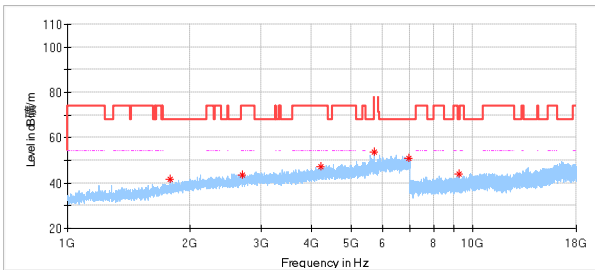
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2570.500000	42.99	68.20	25.21	150.0	H	77.0	-1.49
3230.000000	44.63	68.20	23.57	150.0	H	32.0	0.22
4909.500000	49.31	74.00	24.69	150.0	H	50.0	4.07
5899.500000	50.55	68.20	17.65	150.0	H	246.0	6.78
6194.000000	52.03	68.20	16.17	150.0	H	77.0	7.82
7891.500000	42.88	68.20	25.32	150.0	H	4.0	7.89
2384.000000	44.08	74.00	29.92	150.0	V	86.0	-2.09
2746.500000	44.96	74.00	29.04	150.0	V	350.0	-0.91
3424.000000	44.92	68.20	23.28	150.0	V	246.0	0.38
4495.500000	48.06	68.20	20.14	150.0	V	0.0	3.43
6213.000000	51.12	68.20	17.08	150.0	V	237.0	7.84
6960.000000	52.35	68.20	15.85	150.0	V	50.0	8.39

11AC80_Ant0+1_5210MHz



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2259.500000	43.76	74.00	30.24	150.0	H	105.0	-2.55
2976.500000	45.36	68.20	22.84	150.0	H	351.0	-0.11
3736.500000	46.67	74.00	27.33	150.0	H	114.0	1.16
5115.000000	56.46	74.00	17.54	150.0	H	168.0	4.78
6681.000000	51.82	68.20	16.38	150.0	H	301.0	8.29
10418.000000	45.97	68.20	22.23	150.0	H	359.0	10.44
3179.500000	45.97	68.20	22.23	150.0	V	0.0	0.20
4376.500000	47.60	74.00	26.40	150.0	V	8.0	3.21
5115.500000	51.15	74.00	22.85	150.0	V	310.0	4.79
6576.000000	50.63	68.20	17.57	150.0	V	75.0	7.96
6811.500000	51.99	68.20	16.21	150.0	V	48.0	8.38
9862.500000	44.20	68.20	24.00	150.0	V	298.0	11.43
Average	Limit	Margin	Height	Pol	Azimuth	Corr.	
5115.000000	51.66	54.00	2.34	150.0	H	168.0	4.78

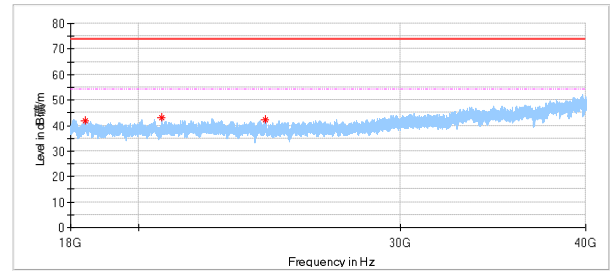
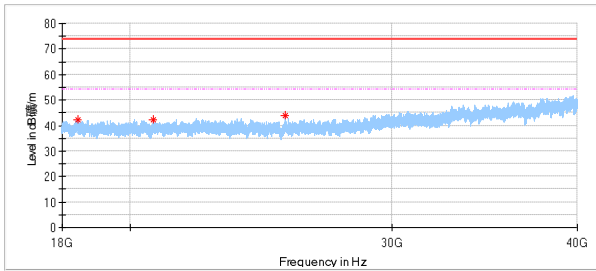
11AC80_Ant0+1_5775MHz



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1788.000000	41.69	68.20	26.51	150.0	H	336.0	-5.05
2695.000000	43.77	74.00	30.23	150.0	H	356.0	-1.11
4208.000000	47.16	74.00	26.84	150.0	H	229.0	2.86
5706.000000	53.59	69.20	15.61	150.0	H	7.0	6.16
6951.500000	51.12	68.20	17.08	150.0	H	300.0	8.39
9235.500000	43.87	68.20	24.33	150.0	H	218.0	8.80
1599.500000	42.51	74.00	31.49	150.0	V	1.0	-6.65
2458.000000	68.27	68.20	-0.07	150.0	V	47.0	-1.82
2829.000000	43.87	74.00	30.13	150.0	V	243.0	-0.60
4260.500000	47.20	74.00	26.80	150.0	V	261.0	3.12
4802.000000	49.31	74.00	24.69	150.0	V	83.0	3.79
6709.500000	51.51	68.20	16.69	150.0	V	56.0	8.29

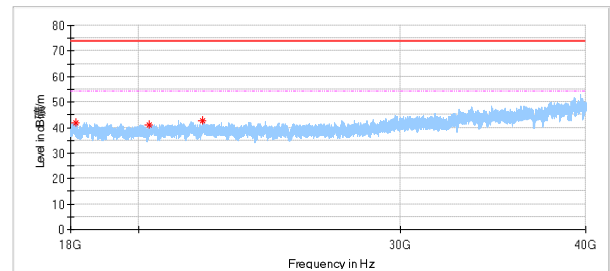
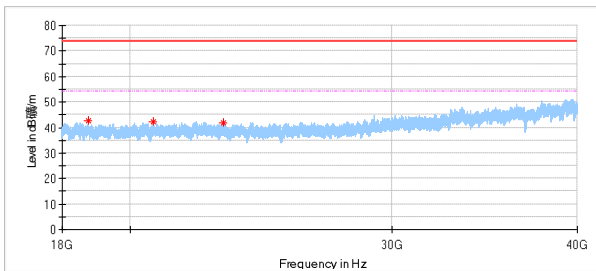
Above 18G:

11AC20_Ant0+1_5180MHz



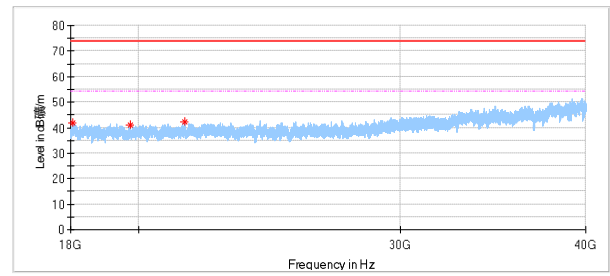
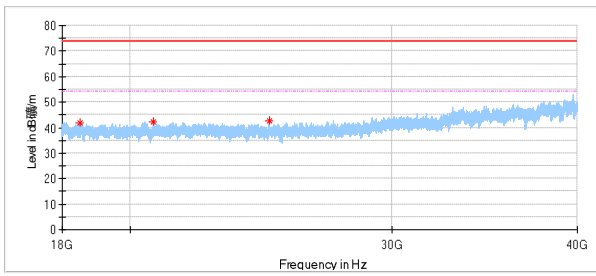
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18441.375000	42.39	74.00	31.61	150.0	H	0.0	-1.86
20723.875000	42.44	74.00	31.56	150.0	H	345.0	-0.33
25445.625000	43.71	74.00	30.30	150.0	H	345.0	1.83
18407.000000	41.87	74.00	32.13	150.0	V	178.0	-1.94
20719.750000	43.07	74.00	30.93	150.0	V	0.0	-0.34
24335.312500	42.29	74.00	31.71	150.0	V	146.0	1.15

11AC20_Ant0+1_5200MHz



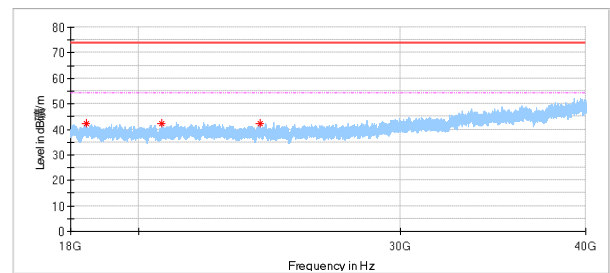
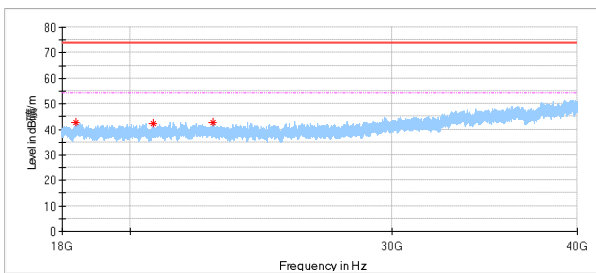
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18759.687500	42.70	74.00	31.30	150.0	H	4.0	-1.91
20719.750000	42.42	74.00	31.58	150.0	H	15.0	-0.34
23096.437500	41.88	74.00	32.12	150.0	H	111.0	1.02
18759.687500	42.70	74.00	31.30	150.0	H	4.0	-1.91
18158.125000	41.92	74.00	32.08	150.0	V	248.0	-1.83
20343.000000	40.97	74.00	33.03	150.0	V	141.0	-0.77
22092.687500	42.49	74.00	31.51	150.0	V	217.0	0.65

11AC20_Ant0+1_5240MHz



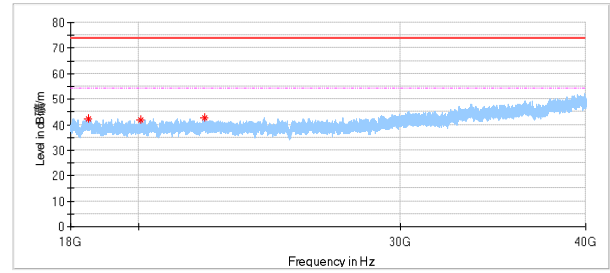
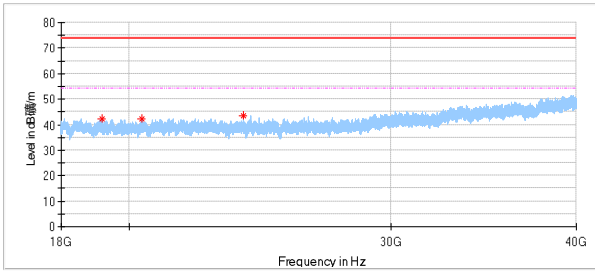
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18507.375000	41.67	74.00	32.33	150.0	H	356.0	-1.73
20719.750000	42.36	74.00	31.64	150.0	H	28.0	-0.34
24827.562500	42.63	74.00	31.37	150.0	H	138.0	1.42
18055.687500	42.00	74.00	32.00	150.0	V	359.0	-2.18
19751.062500	41.15	74.00	32.85	150.0	V	4.0	-1.53
21469.812500	42.25	74.00	31.75	150.0	V	175.0	0.30

11AC20_Ant0+1_5745MHz



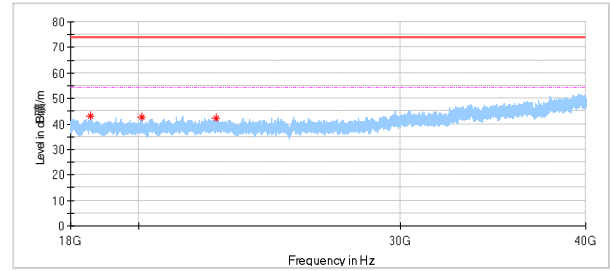
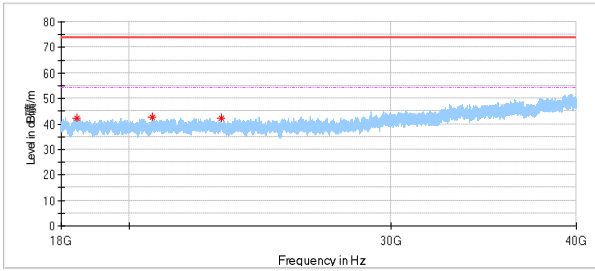
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18382.250000	42.75	74.00	31.25	150.0	H	1.0	-1.99
20719.750000	42.08	74.00	31.92	150.0	H	312.0	-0.34
22721.750000	42.65	74.00	31.35	150.0	H	95.0	0.95
18448.250000	42.05	74.00	31.95	150.0	V	359.0	-1.85
20719.750000	42.30	74.00	31.70	150.0	V	34.0	-0.34
24143.500000	42.21	74.00	31.79	150.0	V	359.0	1.11

11AC20_Ant0+1_5785MHz



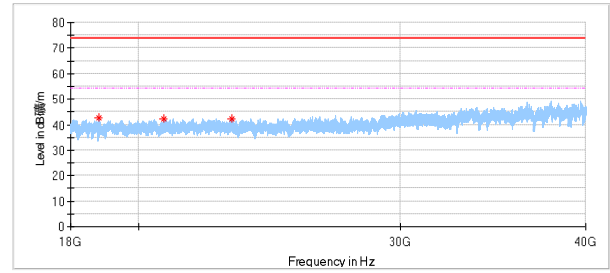
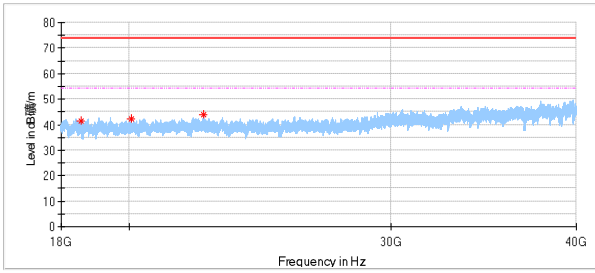
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19169.437500	42.15	74.00	31.85	150.0	H	312.0	-1.84
20395.250000	42.23	74.00	31.77	150.0	H	312.0	-0.68
23874.687500	43.31	74.00	30.69	150.0	H	48.0	1.02
18514.937500	42.36	74.00	31.64	150.0	V	127.0	-1.72
20064.562500	41.68	74.00	32.32	150.0	V	158.0	-1.41
22164.187500	42.80	74.00	31.20	150.0	V	36.0	0.77

11AC20_Ant0+1_5825MHz



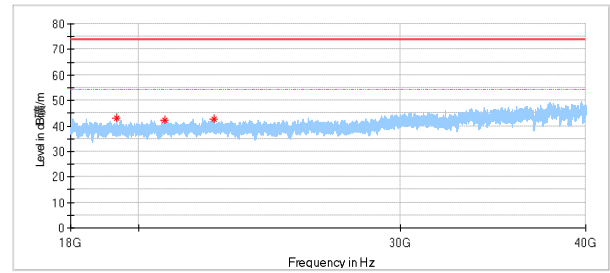
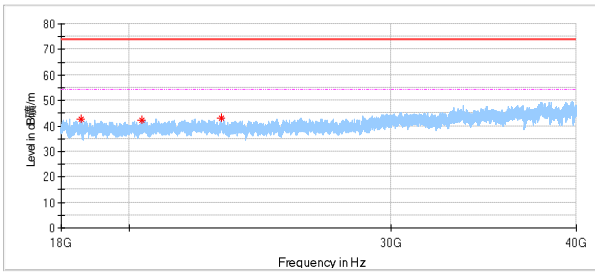
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18442.750000	42.38	74.00	31.62	150.0	H	356.0	-1.86
20719.750000	42.60	74.00	31.40	150.0	H	16.0	-0.34
23071.687500	42.08	74.00	31.92	150.0	H	153.0	1.05
18549.312500	43.09	74.00	30.91	150.0	V	339.0	-1.67
20100.312500	42.53	74.00	31.47	150.0	V	31.0	-1.37
22538.187500	42.32	74.00	31.68	150.0	V	126.0	0.99

11AC40_Ant0+1_5190MHz



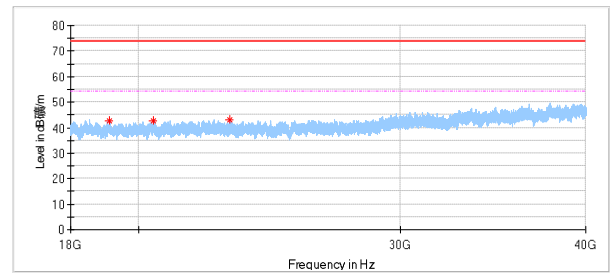
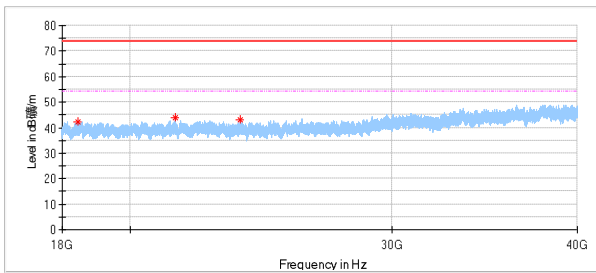
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18554.125000	41.61	74.00	32.39	150.0	H	264.0	-1.68
20051.500000	42.34	74.00	31.66	150.0	H	0.0	-1.41
22430.250000	44.04	74.00	29.96	150.0	H	9.0	1.06
18805.750000	42.64	74.00	31.36	150.0	V	0.0	-1.89
20807.750000	42.23	74.00	31.77	150.0	V	48.0	-0.15
23117.062500	42.31	74.00	31.69	150.0	V	218.0	0.97

11AC40_Ant0+1_5230MHz



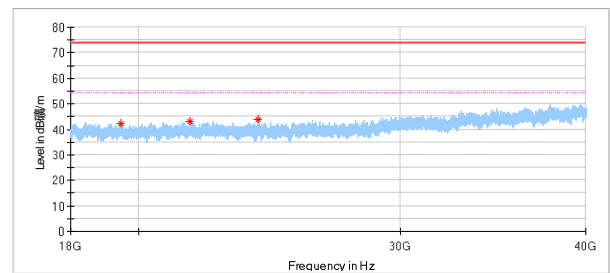
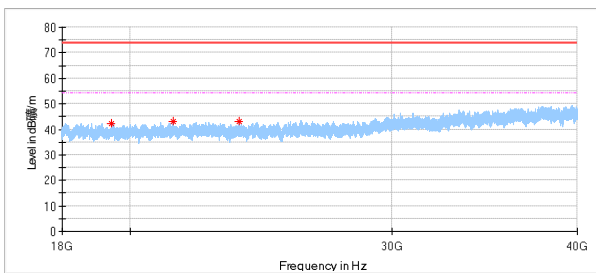
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18567.187500	42.85	74.00	31.15	150.0	H	15.0	-1.70
20384.250000	42.41	74.00	31.59	150.0	H	0.0	-0.70
23062.750000	42.91	74.00	31.09	150.0	H	0.0	1.05
19317.937500	42.91	74.00	31.09	150.0	V	0.0	-1.90
20819.437500	42.14	74.00	31.86	150.0	V	354.0	-0.12
22472.187500	42.83	74.00	31.17	150.0	V	170.0	1.04

11AC40_Ant0+1_5755MHz



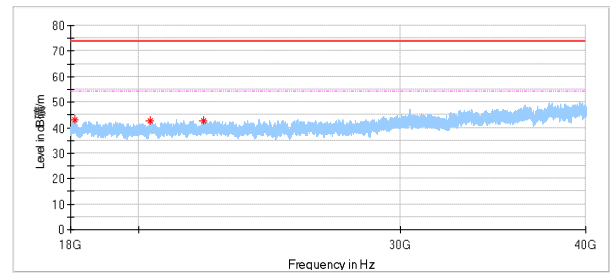
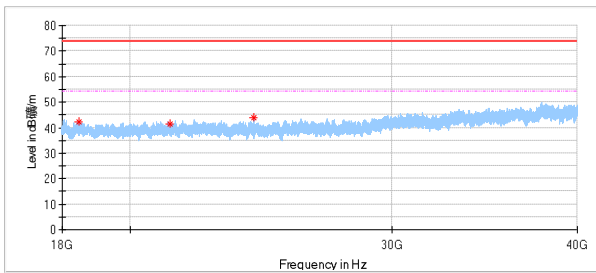
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18451.000000	42.19	74.00	31.81	150.0	H	329.0	-1.84
21434.750000	43.72	74.00	30.28	150.0	H	0.0	0.29
23721.375000	43.22	74.00	30.78	150.0	H	139.0	0.89
19123.375000	42.79	74.00	31.21	150.0	V	339.0	-1.79
20473.625000	42.58	74.00	31.42	150.0	V	15.0	-0.54
23051.750000	43.17	74.00	30.83	150.0	V	141.0	1.05

11AC40_Ant0+1_5795MHz



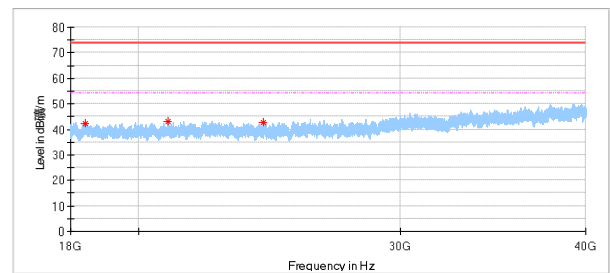
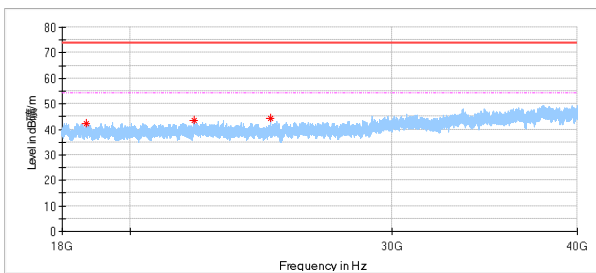
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19425.187500	42.44	74.00	31.56	150.0	H	4.0	-1.55
21361.875000	43.04	74.00	30.96	150.0	H	4.0	0.26
23677.375000	43.11	74.00	30.89	150.0	H	342.0	0.85
19447.187500	42.34	74.00	31.66	150.0	V	36.0	-1.48
21651.312500	43.19	74.00	30.81	150.0	V	9.0	0.42
24063.750000	43.88	74.00	30.12	150.0	V	234.0	1.14

11AC80_Ant0+1_5210MHz



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18464.750000	42.32	74.00	31.68	150.0	H	356.0	-1.82
21259.437500	41.62	74.00	32.38	150.0	H	138.0	0.27
24226.687500	43.94	74.00	30.06	150.0	H	0.0	1.08
18104.500000	42.91	74.00	31.09	150.0	V	96.0	-2.02
20373.937500	42.82	74.00	31.18	150.0	V	279.0	-0.71
22136.687500	42.57	74.00	31.43	150.0	V	80.0	0.72

11AC80_Ant0+1_5775MHz



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18673.750000	42.39	74.00	31.61	150.0	H	203.0	-1.84
22096.812500	43.59	74.00	30.41	150.0	H	312.0	0.65
24860.562500	44.43	74.00	29.57	150.0	H	36.0	1.49
18409.750000	42.38	74.00	31.62	150.0	V	358.0	-1.93
20926.687500	43.13	74.00	30.87	150.0	V	294.0	0.10
24274.125000	42.57	74.00	31.43	150.0	V	157.0	1.08

Remark:

1. Corrected Amplitude = Read level + Corrector factor

Above 1GHz: Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain

Below 1GHz: Corrector factor = Antenna Factor + Cable Loss

Level=Reading Level + Correction Factor

(The Reading Level is recorded by software which is not shown in the sheet)

2. “*” means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.

3. Testing is carried out with frequency rang 9KHz to 40GHz, which below 30MHz and data of measurement within this frequency range shown “---” in the table above means the reading of emissions are attenuated more than 30dB below the permissible limits or the field strength is too small to be measured.



9.6 Duty Cycle

Test Method

1. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.
2. Use the following spectrum analyzer settings:
Span = 0, RBW = 100 kHz, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold
3. Allow the trace to stabilize. Mark the OFF time and ON time. and the duty cycle is $T_{on} / T_{on} + T_{off}$
4. Repeat above procedures until all frequencies measured were complete.

TestMode	Antenna	Channel	Duty Cycle [%]
11A	Ant1	5180	97.02
	Ant2	5180	96.94
	Ant1	5200	96.94
	Ant2	5200	97.02
	Ant1	5240	96.94
	Ant2	5240	96.94
	Ant1	5745	96.94
	Ant2	5745	96.94
	Ant1	5785	96.94
	Ant2	5785	96.94
	Ant1	5825	97.02
	Ant2	5825	96.94
11N20SISO	Ant1	5180	96.83
	Ant2	5180	96.83
	Ant1	5200	96.83
	Ant2	5200	96.74
	Ant1	5240	96.74
	Ant2	5240	96.74
	Ant1	5745	96.74
	Ant2	5745	96.74
	Ant1	5785	96.74
	Ant2	5785	96.83
	Ant1	5825	96.74
	Ant2	5825	96.74
11N40SISO	Ant1	5190	93.61
	Ant2	5190	93.61
	Ant1	5230	93.61
	Ant2	5230	93.61
	Ant1	5755	93.61
	Ant2	5755	93.61
	Ant1	5795	93.61
	Ant2	5795	93.61
11AC20SISO	Ant1	5180	96.76
	Ant2	5180	96.76
	Ant1	5200	96.76
	Ant2	5200	96.76
	Ant1	5240	96.76
	Ant2	5240	96.85
	Ant1	5745	96.76
	Ant2	5745	96.76
	Ant1	5785	96.76
	Ant2	5785	96.76
	Ant1	5825	96.76
	Ant2	5825	96.76
11AC40SISO	Ant1	5190	93.69
	Ant2	5190	93.68



	Ant1	5230	93.68
	Ant2	5230	93.68
	Ant1	5755	93.69
	Ant2	5755	93.68
	Ant1	5795	93.68
	Ant2	5795	93.69
11AC80SISO	Ant1	5210	87.97
	Ant2	5210	87.97
	Ant1	5775	87.93
	Ant2	5775	87.93

9.7 Frequencies Stability

Test Method:

1, Frequency stability with respect to ambient temperature

- a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn on the EUT and tune it to one of the number of frequency shown in section 8.
- b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT, or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.
- c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level
- d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit
- e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize
- f) While maintaining a control on the chamber to the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.
- g) Measure the frequency at each of frequency specified in section 8.
- h) Switch OFF the EUT but do not switch OFF the oscillator heater.
- i) Lower the chamber temperature by not more that 10°C, and allow the temperature inside the chamber to stabilize.
- j) Repeat step f) through step i) down to the lowest specified temperature.

2, Frequency stability when varying supply voltage

Unless otherwise specified, these tests shall be made at ambient room temperature. An antenna shall be connected to the antenna output terminals of the EUT if possible. If the EUT is equipped with or uses an adjustable-length antenna, then it shall be fully extended.

- a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.
- b) Turn the EUT to one of the number if frequencies required in Section 8. Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level.
- c) Measure the frequency at each of the frequencies specified in section 8.
- d) Repeat the above procedure at 85% and 115% of the nominal supply voltage.

Limit: It is required that that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.



TestMode	Antenna	Channel	Voltage					Limit (ppm)	Verdict	
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)			
11AC20SISO	Ant1	5180	NV	NT	14000	2.702703	20	PASS		
			LV	NT	14000	2.702703	20	PASS		
			HV	NT	14000	2.702703	20	PASS		
		5200	NV	NT	14000	2.692308	20	PASS		
			LV	NT	14000	2.692308	20	PASS		
			HV	NT	15000	2.884615	20	PASS		
		5240	NV	NT	14000	2.671756	20	PASS		
			LV	NT	15000	2.862595	20	PASS		
			HV	NT	14000	2.671756	20	PASS		
		5745	NV	NT	16000	2.78503	20	PASS		
			LV	NT	16000	2.78503	20	PASS		
			HV	NT	15000	2.610966	20	PASS		
		5785	NV	NT	16000	2.765774	20	PASS		
			LV	NT	16000	2.765774	20	PASS		
			HV	NT	16000	2.765774	20	PASS		
		5825	NV	NT	16000	2.746781	20	PASS		
			LV	NT	16000	2.746781	20	PASS		
			HV	NT	16000	2.746781	20	PASS		
		11AC40SISO	Ant1	5190	NV	NT	14000	2.697495	20	PASS
					LV	NT	14000	2.697495	20	PASS
					HV	NT	14000	2.697495	20	PASS
				5230	NV	NT	14000	2.676864	20	PASS
					LV	NT	14000	2.676864	20	PASS
					HV	NT	14000	2.676864	20	PASS
5755	NV			NT	16000	2.780191	20	PASS		
	LV			NT	16000	2.780191	20	PASS		
	HV			NT	16000	2.780191	20	PASS		
5795	NV			NT	16000	2.761001	20	PASS		
	LV			NT	16000	2.761001	20	PASS		
	HV			NT	16000	2.761001	20	PASS		
11AC80SISO	Ant1	5210	NV	NT	14000	2.68714	20	PASS		
			LV	NT	14000	2.68714	20	PASS		
			HV	NT	14000	2.68714	20	PASS		
		5775	NV	NT	16000	2.770563	20	PASS		
			LV	NT	16000	2.770563	20	PASS		
			HV	NT	16000	2.770563	20	PASS		



TestMode	Antenna	Channel	Temperature					Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)			
11AC20SISO	Ant1	5180	NV	-30	14000	2.702703	20	PASS	
			NV	-20	14000	2.702703	20	PASS	
			NV	-10	14000	2.702703	20	PASS	
			NV	0	14000	2.702703	20	PASS	
			NV	10	14000	2.702703	20	PASS	
			NV	20	14000	2.702703	20	PASS	
			NV	30	14000	2.702703	20	PASS	
		5200	NV	40	14000	2.702703	20	PASS	
			NV	-30	14000	2.692308	20	PASS	
			NV	-20	14000	2.692308	20	PASS	
			NV	-10	14000	2.692308	20	PASS	
			NV	0	14000	2.692308	20	PASS	
			NV	10	14000	2.692308	20	PASS	
			NV	20	14000	2.692308	20	PASS	
		5240	NV	30	15000	2.884615	20	PASS	
			NV	40	15000	2.884615	20	PASS	
			NV	-30	15000	2.862595	20	PASS	
			NV	-20	15000	2.862595	20	PASS	
			NV	-10	14000	2.671756	20	PASS	
			NV	0	15000	2.862595	20	PASS	
			NV	10	15000	2.862595	20	PASS	
		5745	NV	20	14000	2.671756	20	PASS	
			NV	30	15000	2.862595	20	PASS	
			NV	40	14000	2.671756	20	PASS	
			NV	-30	16000	2.78503	20	PASS	
			NV	-20	16000	2.78503	20	PASS	
			NV	-10	16000	2.78503	20	PASS	
			NV	0	16000	2.78503	20	PASS	
		5785	NV	10	16000	2.78503	20	PASS	
			NV	20	16000	2.78503	20	PASS	
			NV	30	16000	2.78503	20	PASS	
			NV	40	16000	2.78503	20	PASS	
			NV	-30	16000	2.765774	20	PASS	
			NV	-20	16000	2.765774	20	PASS	
			NV	-10	16000	2.765774	20	PASS	
		5825	NV	0	16000	2.765774	20	PASS	
			NV	10	16000	2.765774	20	PASS	
			NV	20	16000	2.765774	20	PASS	
			NV	30	16000	2.765774	20	PASS	
			NV	40	16000	2.765774	20	PASS	
			NV	-30	16000	2.746781	20	PASS	
			NV	-20	16000	2.746781	20	PASS	
		5190	NV	-10	16000	2.746781	20	PASS	
			NV	0	16000	2.746781	20	PASS	
			NV	10	16000	2.746781	20	PASS	
			NV	20	16000	2.746781	20	PASS	
			NV	30	16000	2.746781	20	PASS	
			NV	40	16000	2.746781	20	PASS	
NV	-30		14000	2.697495	20	PASS			
NV	-20		14000	2.697495	20	PASS			
5230	NV	-10	14000	2.697495	20	PASS			
	NV	0	14000	2.697495	20	PASS			
	NV	10	14000	2.697495	20	PASS			
	NV	20	15000	2.890173	20	PASS			
	NV	30	14000	2.697495	20	PASS			
	NV	40	15000	2.890173	20	PASS			
	NV	-30	15000	2.868069	20	PASS			
	NV	-20	14000	2.676864	20	PASS			
		NV	-10	14000	2.676864	20	PASS		



			NV	0	14000	2.676864	20	PASS	
			NV	10	14000	2.676864	20	PASS	
			NV	20	14000	2.676864	20	PASS	
			NV	30	14000	2.676864	20	PASS	
			NV	40	15000	2.868069	20	PASS	
		5755	NV	-30	16000	2.780191	20	PASS	
			NV	-20	16000	2.780191	20	PASS	
			NV	-10	16000	2.780191	20	PASS	
			NV	0	16000	2.780191	20	PASS	
			NV	10	16000	2.780191	20	PASS	
			NV	20	16000	2.780191	20	PASS	
			NV	30	16000	2.780191	20	PASS	
			NV	40	16000	2.780191	20	PASS	
			5795	NV	-30	16000	2.761001	20	PASS
				NV	-20	16000	2.761001	20	PASS
		NV		-10	16000	2.761001	20	PASS	
		NV		0	16000	2.761001	20	PASS	
		NV		10	16000	2.761001	20	PASS	
		NV		20	16000	2.761001	20	PASS	
		NV		30	16000	2.761001	20	PASS	
NV	40	16000		2.761001	20	PASS			
11AC80SISO	Ant1	5210	NV	-30	14000	2.68714	20	PASS	
			NV	-20	14000	2.68714	20	PASS	
			NV	-10	14000	2.68714	20	PASS	
			NV	0	14000	2.68714	20	PASS	
			NV	10	14000	2.68714	20	PASS	
			NV	20	15000	2.879079	20	PASS	
			NV	30	15000	2.879079	20	PASS	
			NV	40	14000	2.68714	20	PASS	
			5775	NV	-30	16000	2.770563	20	PASS
		NV		-20	16000	2.770563	20	PASS	
		NV		-10	16000	2.770563	20	PASS	
		NV		0	16000	2.770563	20	PASS	
		NV		10	16000	2.770563	20	PASS	
		NV		20	16000	2.770563	20	PASS	
		NV		30	16000	2.770563	20	PASS	
		NV		40	16000	2.770563	20	PASS	

Remark 1: V min(V) = 85% of the nominal supply voltage

V max(V)=115% of the nominal supply voltage

Remake 2: we test all frequencies which only show these representative frequencies.

10 Test Equipment List

Radiated Emission Test

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	2022-6-4
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	2022-2-2
Horn Antenna	Rohde & Schwarz	HF907	102294	2022-5-24
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100398	2021-8-5
Pre-amplifier	Rohde & Schwarz	SCU 18	102230	2021-10-25
Signal Generator	Rohde & Schwarz	SMY01	839369/005	2021-10-25
Attenuator	Agilent	8491A	MY39264334	2021-7-30
3m Semi-anechoic chamber	TDK	9X6X6	----	2022-12-29

Conducted RF Test System

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
Signal Analyzer	Rohde & Schwarz	FSV40	101030	2022-6-3
RF Switch Module	Rohde & Schwarz	OSP120/OSP-B157	101226/100851	2022-6-3
Power Splitter	Weinschel	1580	SC319	2022-6-3
Test software	Tonscend	System for BT/WIFI	Version 2.5.77.0418	N/A

Conducted Emission Test

Description	Manufacturer	Model no.	Serial no.	cal. due date
EMI Test Receiver	Rohde & Schwarz	ESR 3	101782	2022-6-4
LISN	Rohde & Schwarz	ENV4200	100249	2022-6-5
Attenuator	Shanghai Huaxiang	TS2-26-3	080928189	2022-6-5
Test software	Rohde & Schwarz	EMC32	Version9.15.00	N/A

11 System Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty for Conducted Emission 150kHz-30MHz (for test using AMN ENV432 or ENV4200)	3.62dB
Uncertainty for Radiated Emission 25MHz-3000MHz	Horizontal: 4.91dB; Vertical: 4.89dB;
Uncertainty for Radiated Emission 3000MHz- 18000MHz	Horizontal: 4.80dB; Vertical: 4.79dB;
Uncertainty for Radiated Emission 18000MHz- 40000MHz	Horizontal: 5.05dB; Vertical: 5.04dB;
Uncertainty for Conducted RF test with TS 8997	Power level test involved: 1.16dB Frequency test involved: 0.6×10^{-7}
Uncertainty Evaluation for Humidity	0.936%
Uncertainty Evaluation for Temperature	0.195 °C

THE END