

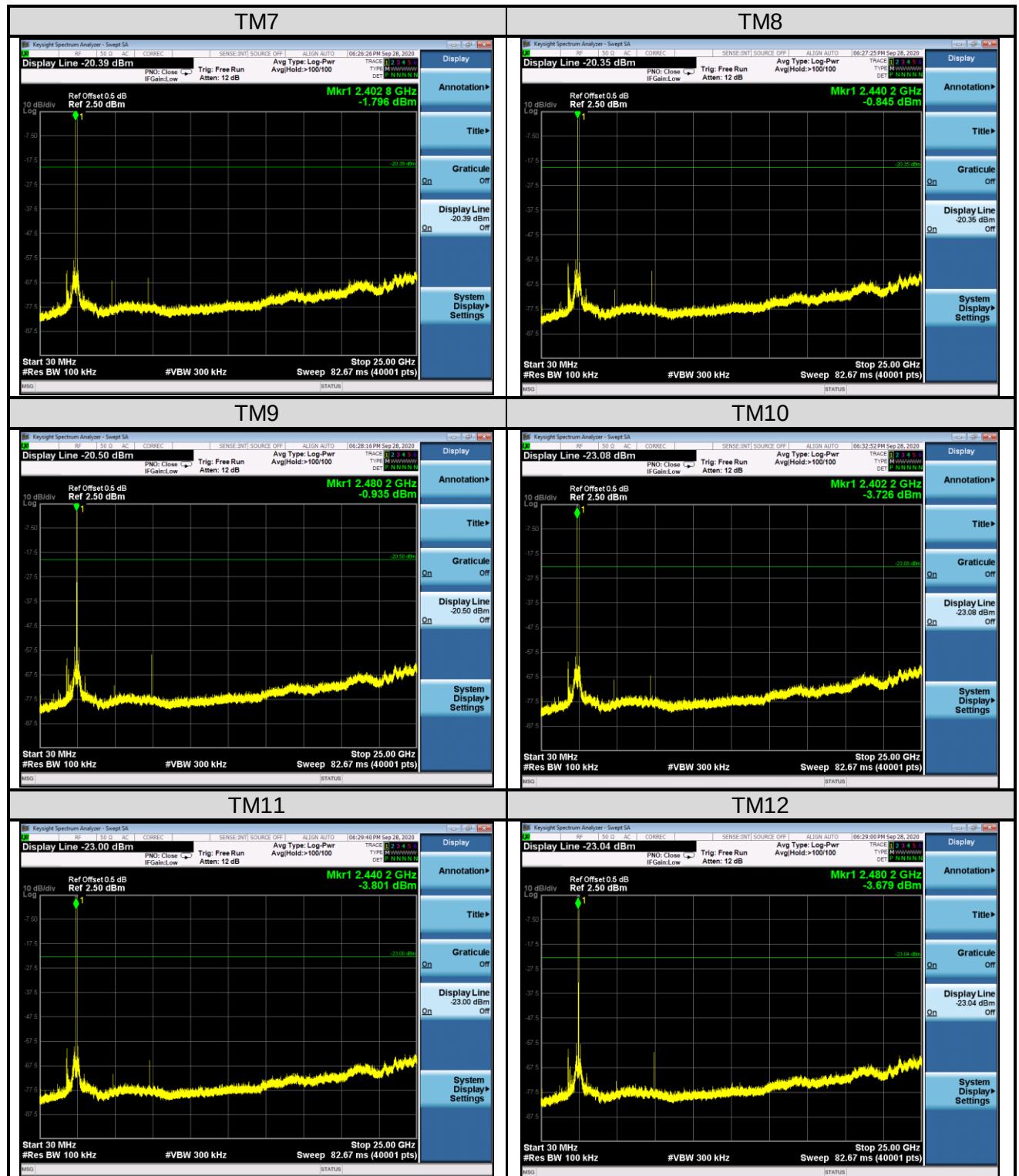
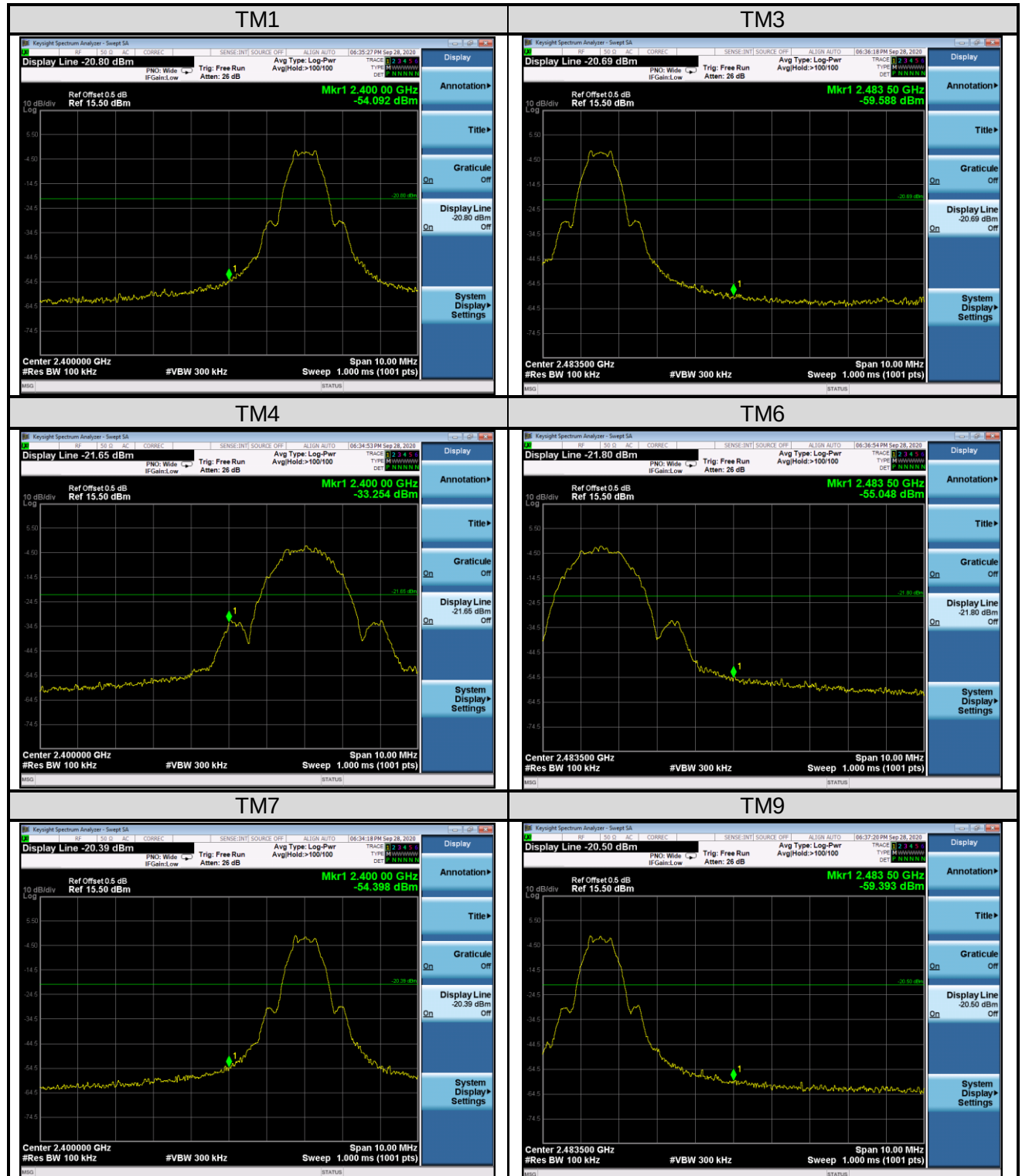
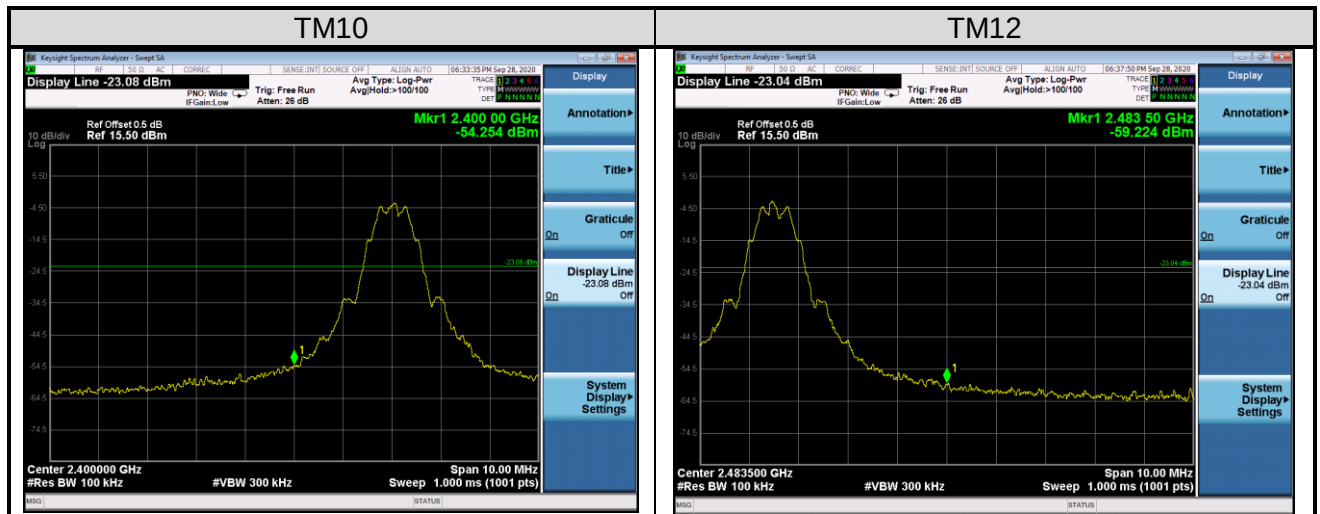


Figure 6: Conducted Band Edge


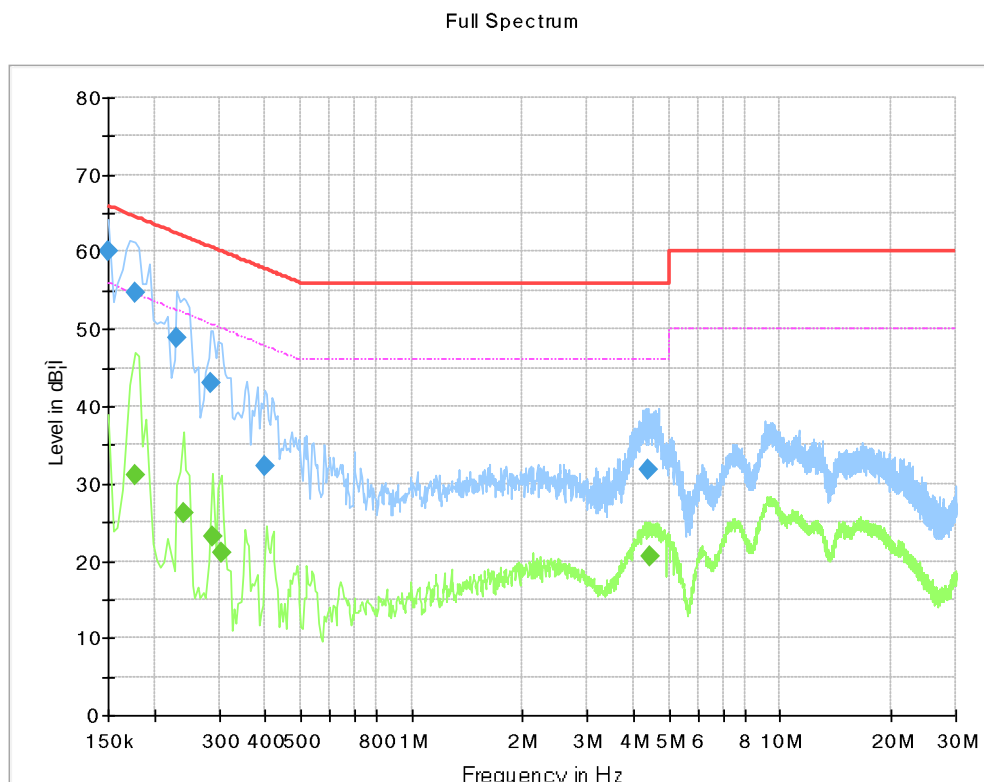


5.2 Emission in the Frequency Range up to 30MHz

5.2.1 Conducted Emission

RESULT:**Pass**

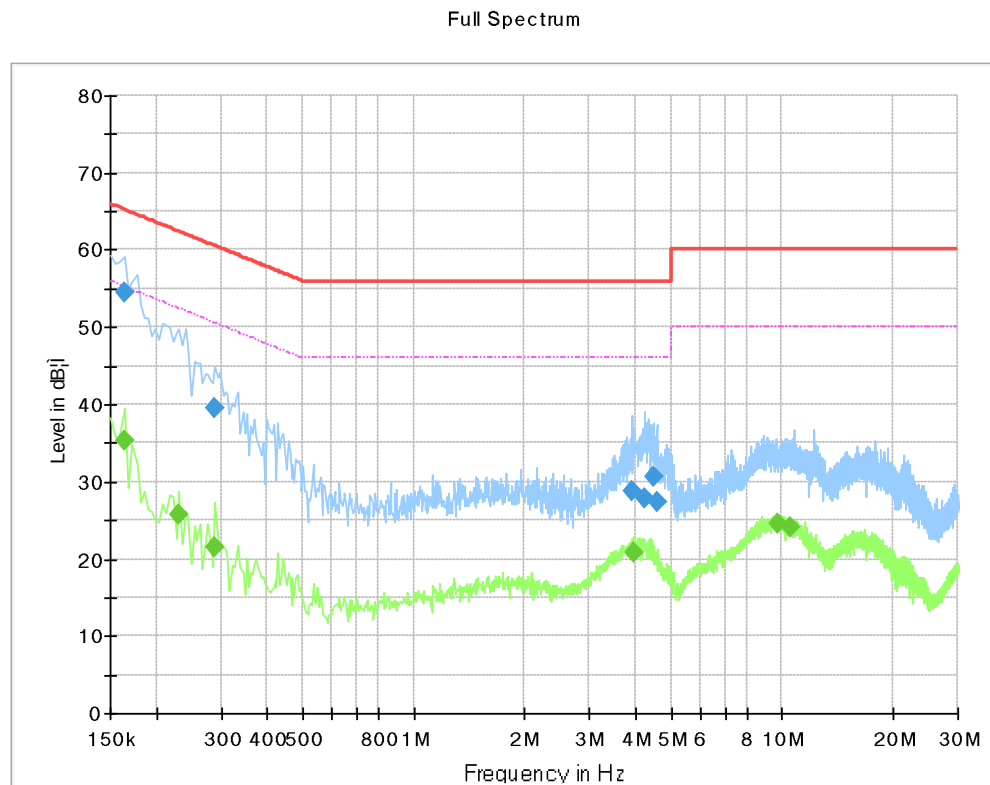
Date of testing	:	2020-08-20
Ambient temperature	:	26.1°C
Relative humidity	:	32.7%
Atmospheric pressure	:	101kPa
Test requirement	:	FCC Part 15.207 (a) RSS-Gen Issue 5, Amendment 1, March 2019, Clause 8.8
Test procedure	:	KDB 558074 D01v05r02 ANSI C63.10: 2013
Test voltage	:	AC 120V, 60Hz
Test modes applied	:	TM13

Figure 7: Conducted Emission, L

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	60.19	66.00	5.81	L1	9.5
0.177000	54.83	64.63	9.79	L1	9.5
0.231000	48.90	62.41	13.51	L1	9.5
0.285000	42.97	60.67	17.70	L1	9.6
0.397500	32.32	57.91	25.59	L1	9.6
4.398000	31.86	56.00	24.14	L1	9.7

Final_Result_CAV

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.177000	31.17	54.63	23.46	L1	9.5
0.240000	26.21	52.10	25.89	L1	9.5
0.289500	23.16	50.54	27.37	L1	9.6
0.303000	21.05	50.16	29.11	L1	9.6
4.425000	20.50	46.00	25.50	L1	9.7

Figure 8: Conducted Emission, N

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.163500	54.56	65.28	10.73	N	9.5
0.289500	39.57	60.54	20.96	N	9.5
3.930000	28.85	56.00	27.15	N	9.6
4.249500	27.76	56.00	28.24	N	9.6
4.461000	30.72	56.00	25.28	N	9.6
4.560000	27.47	56.00	28.53	N	9.6

Final_Result_CAV

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.163500	35.28	55.28	20.01	N	9.5
0.231000	25.74	52.41	26.68	N	9.5
0.289500	21.51	50.54	29.03	N	9.5
3.943500	20.85	46.00	25.15	N	9.6
9.775500	24.50	50.00	25.50	N	9.8
10.500000	24.10	50.00	25.90	N	9.8

5.3 Emission in the Frequency Range above 30MHz

5.3.1 Radiated Band-Edge

RESULT:**Pass**

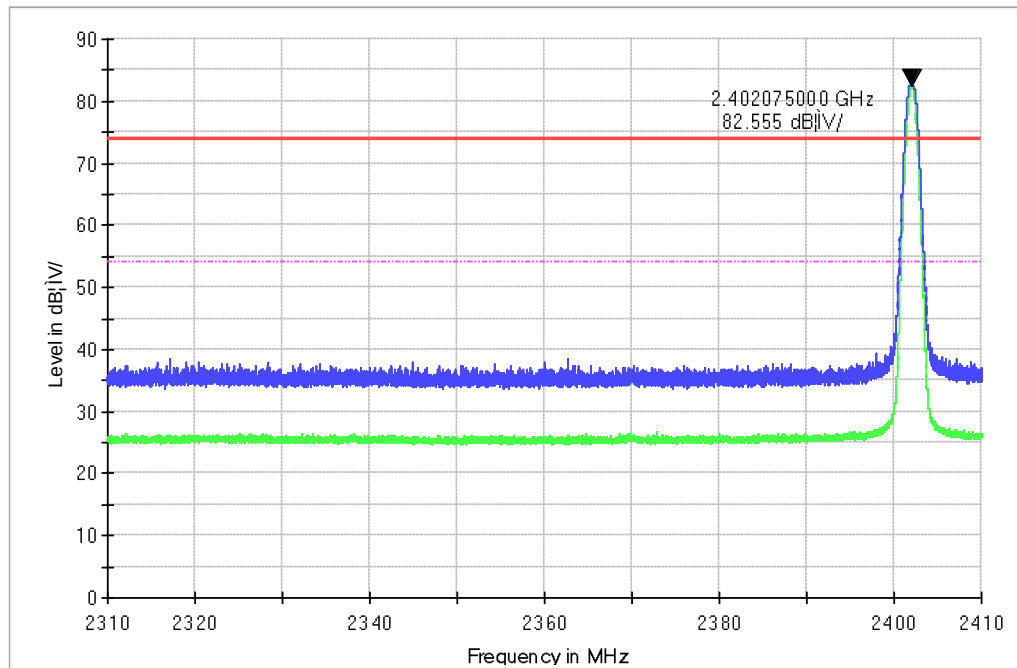
Date of testing : 2020-08-05
Ambient temperature : 26.1°C
Relative humidity : 32.7%
Atmospheric pressure : 101kPa
Test requirement : FCC 15.247(d)
FCC 15.205(a)
FCC 15.209(a)
Clause 5.5 of RSS-247 Issue 2 February 2017
Clause 8.90 of RSS-Gen Issue 5, March 2019
Clause 8.10 of RSS-Gen Issue 5, March 2019
Test procedure : KDB 558074 D01v05r02
ANSI C63.10: 2013
Test voltage : DC 5V
Test modes applied : TM1, TM3, TM4, TM6, TM7, TM9, TM10, TM12

Note:

All the test modes were applied, only the worst case were shown in this report.

Figure 9: Radiated Band-Edge, TM1, H

RE_1-18GHz_HL050_FSV40_Pre


Figure 10: Radiated Band-Edge, TM1, V

RE_1-18GHz_HL050_FSV40_Pre

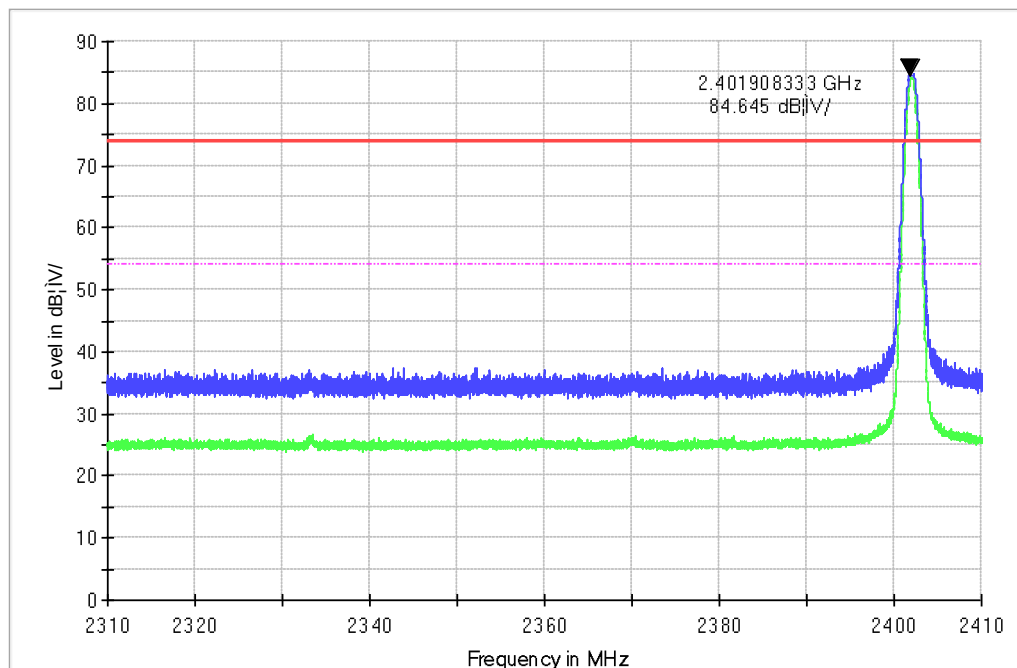


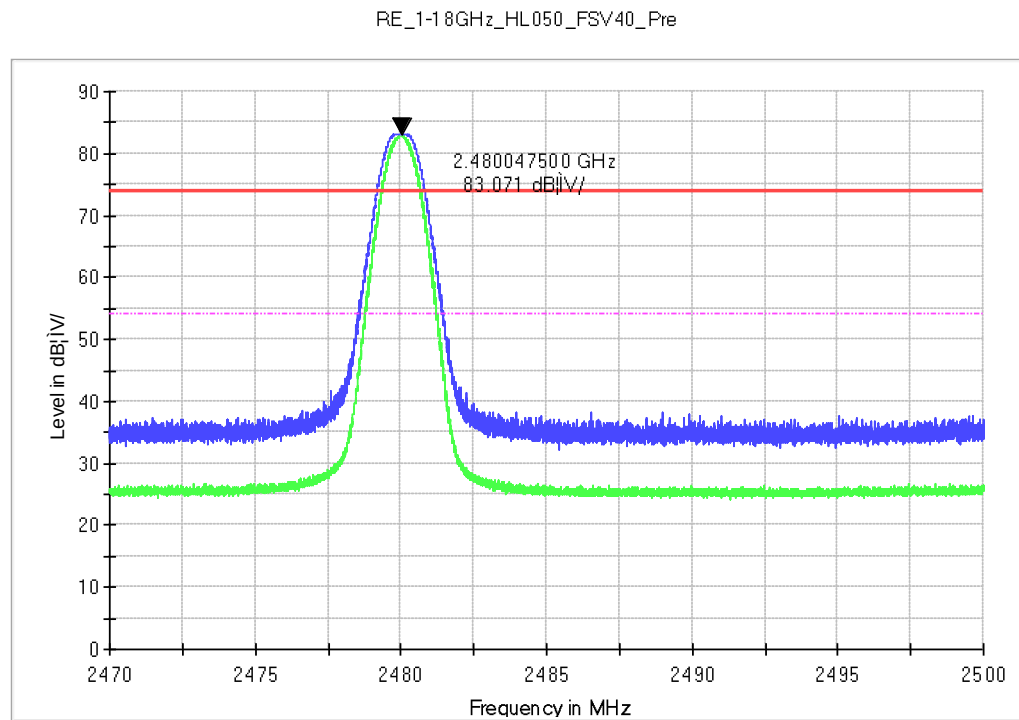
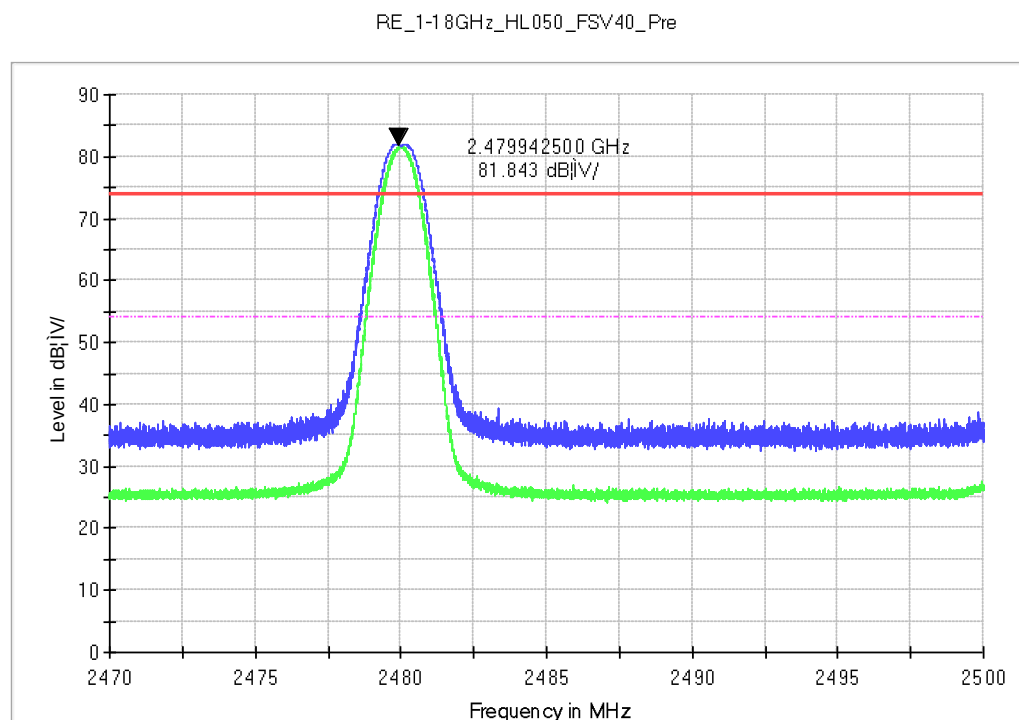
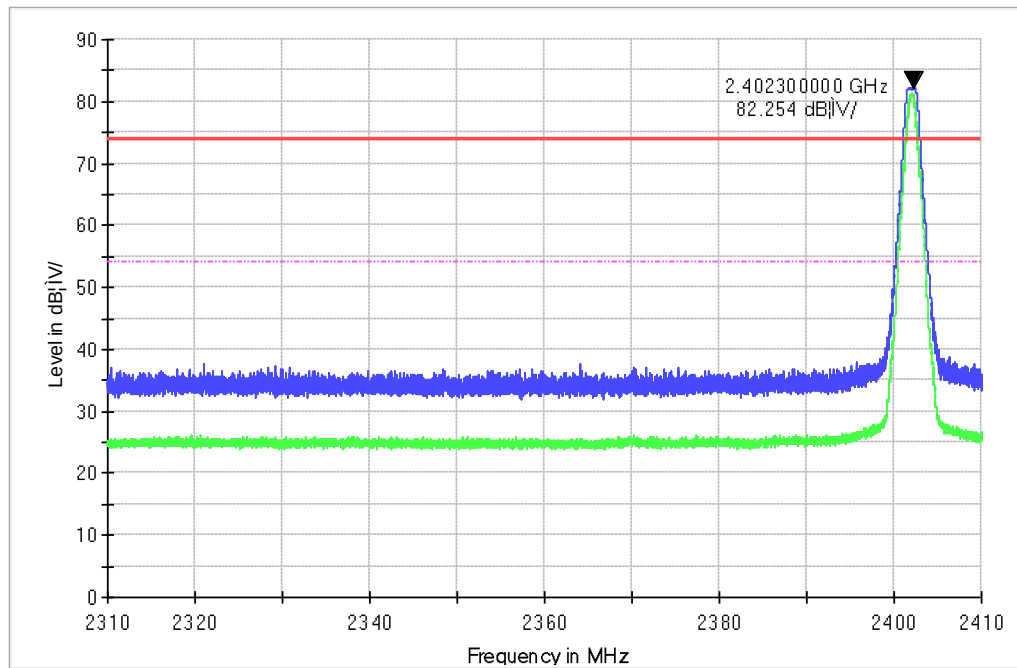
Figure 11: Radiated Band-Edge, TM3, H

Figure 12: Radiated Band-Edge, TM3, V


Figure 13: Radiated Band-Edge, TM4, H

RE_1-1.8GHz_HL050_FSV40_Pre


Figure 14: Radiated Band-Edge, TM4, V

RE_1-1.8GHz_HL050_FSV40_Pre

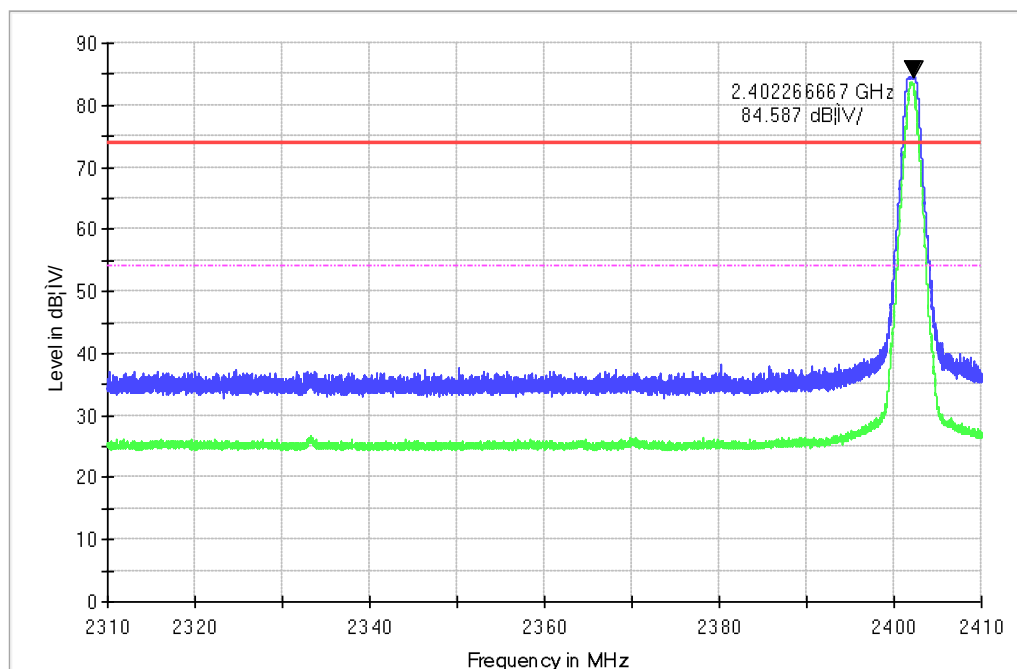
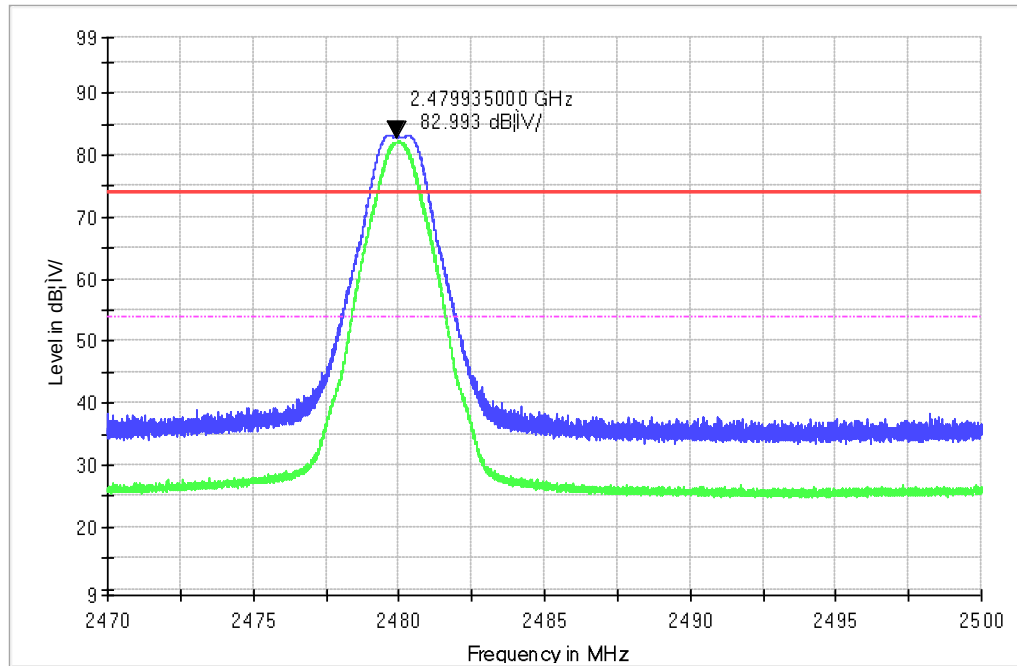
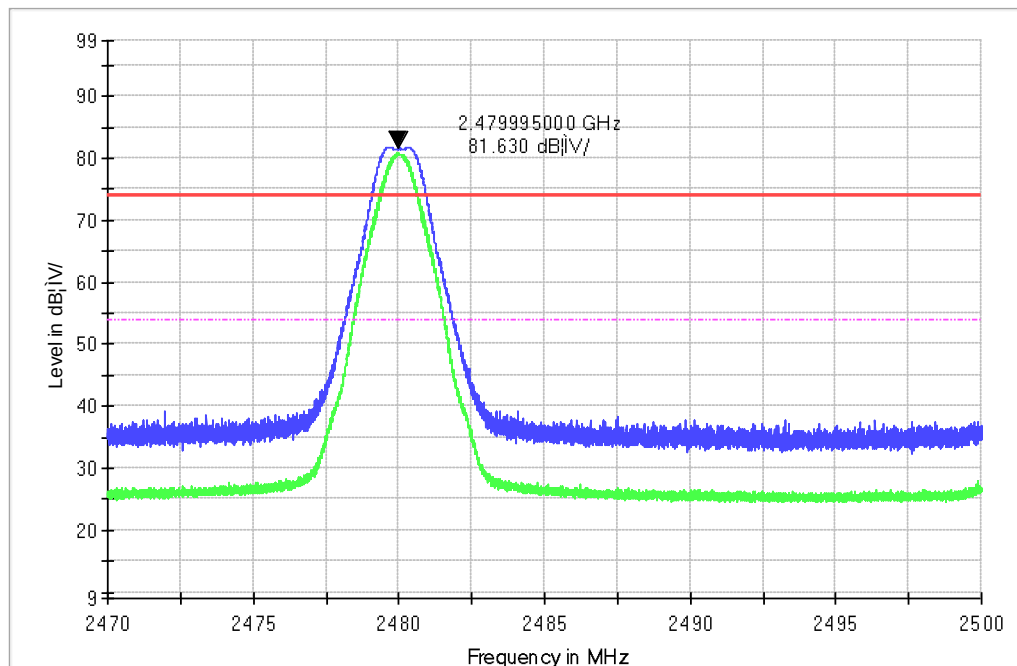


Figure 15: Radiated Band-Edge, TM6, H

RE_1-1.8GHz_HL050_FSV40_Pre


Figure 16: Radiated Band-Edge, TM6, V

RE_1-1.8GHz_HL050_FSV40_Pre



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5.3.2 Radiated Spurious Emission

RESULT:**Pass**

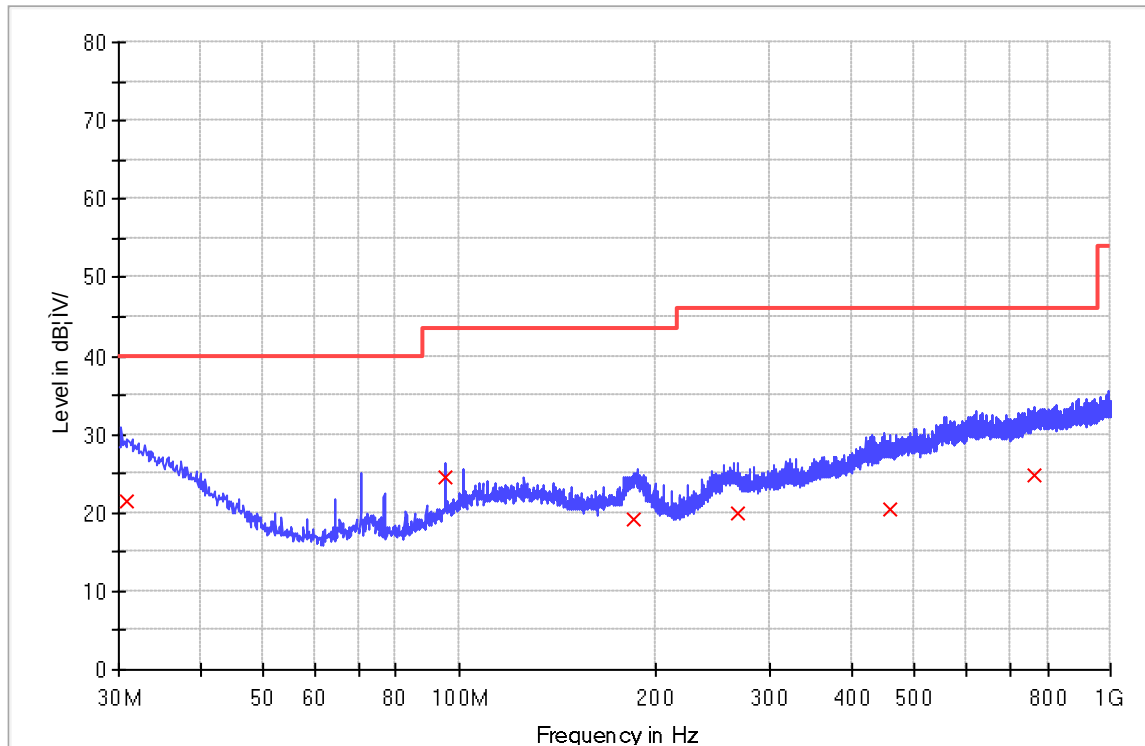
Date of testing : 2020-08-05
Ambient temperature : 23.2°C
Relative humidity : 38.5%
Atmospheric pressure : 101kPa
Test requirement : FCC Part 15.209(a)
FCC Part 15.247(d)
RSS-247 Issue 2, February 2017, Clause 5.5
RSS-Gen Issue 5, Amendment 1, March 2019, Clause 8.9
Test procedure : KDB 558074 D01v05r02
ANSI C63.10: 2013
Test voltage : DC 5V
Test modes applied : TM1 to TM12
Kind of test site : 3m Anechoic Chamber

Note:

All the test modes were applied, only the worst case were shown in this report.

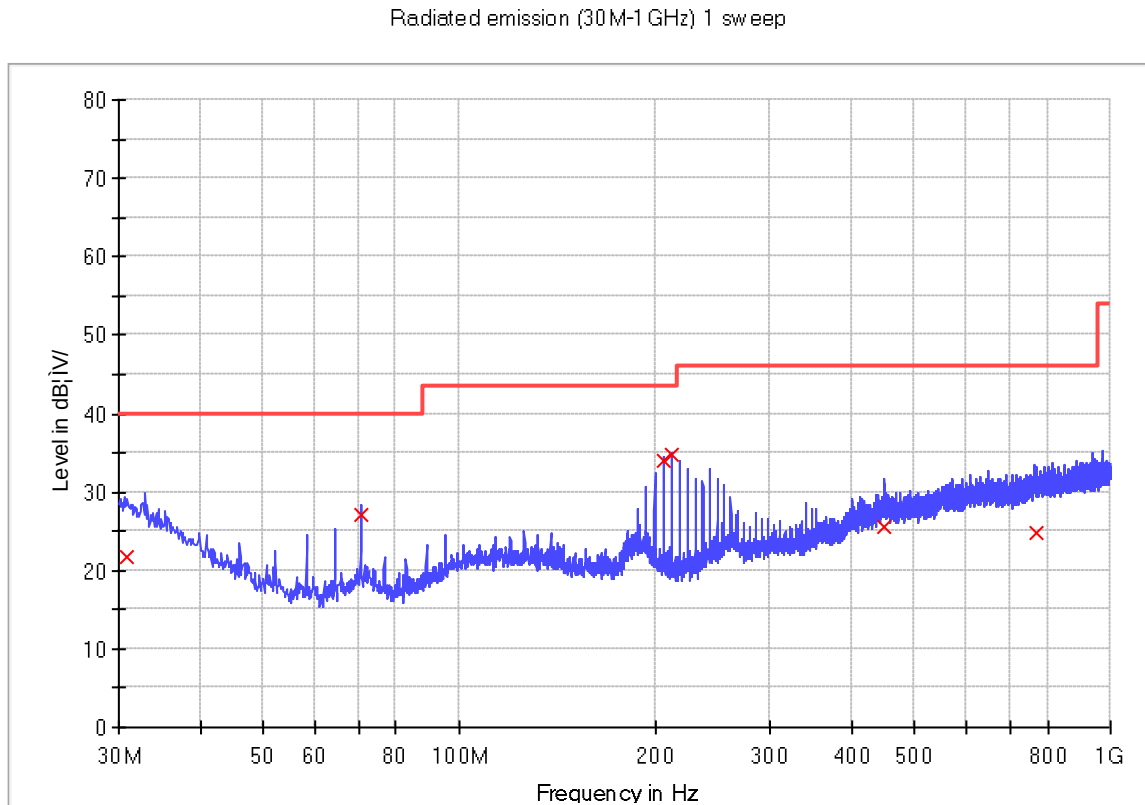
Figure 17: Radiated Spurious Emission, TM1, 30MHz to 1GHz, H

Radiated emission (30M-1 GHz) 1 sweep



Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.970000	21.4	H	24.9	18.6	40.0
95.232500	24.6	H	16.6	18.9	43.5
185.806250	19.3	H	15.8	24.2	43.5
267.286250	19.8	H	20.2	26.2	46.0
459.103750	20.5	H	24.3	25.5	46.0
764.047500	24.8	H	27.3	21.2	46.0

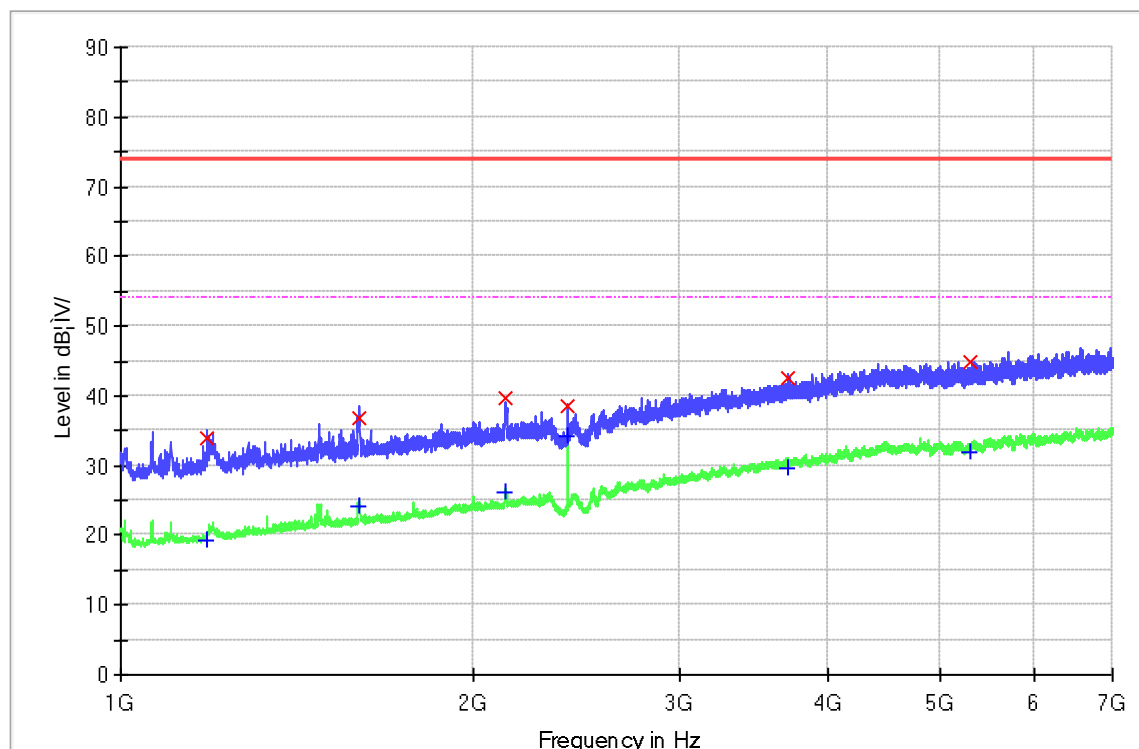
Figure 18: Radiated Spurious Emission, TM1, 30MHz to 1GHz, V


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.970000	21.8	V	24.9	18.2	40.0
70.618750	27.2	V	13.1	12.8	40.0
205.812500	34.0	V	16.2	9.5	43.5
211.996250	34.8	V	15.9	8.7	43.5
449.767500	25.7	V	24.1	20.3	46.0
771.443750	24.8	V	27.4	21.2	46.0

Figure 19: Radiated Spurious Emission, TM1, 1GHz to 7GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

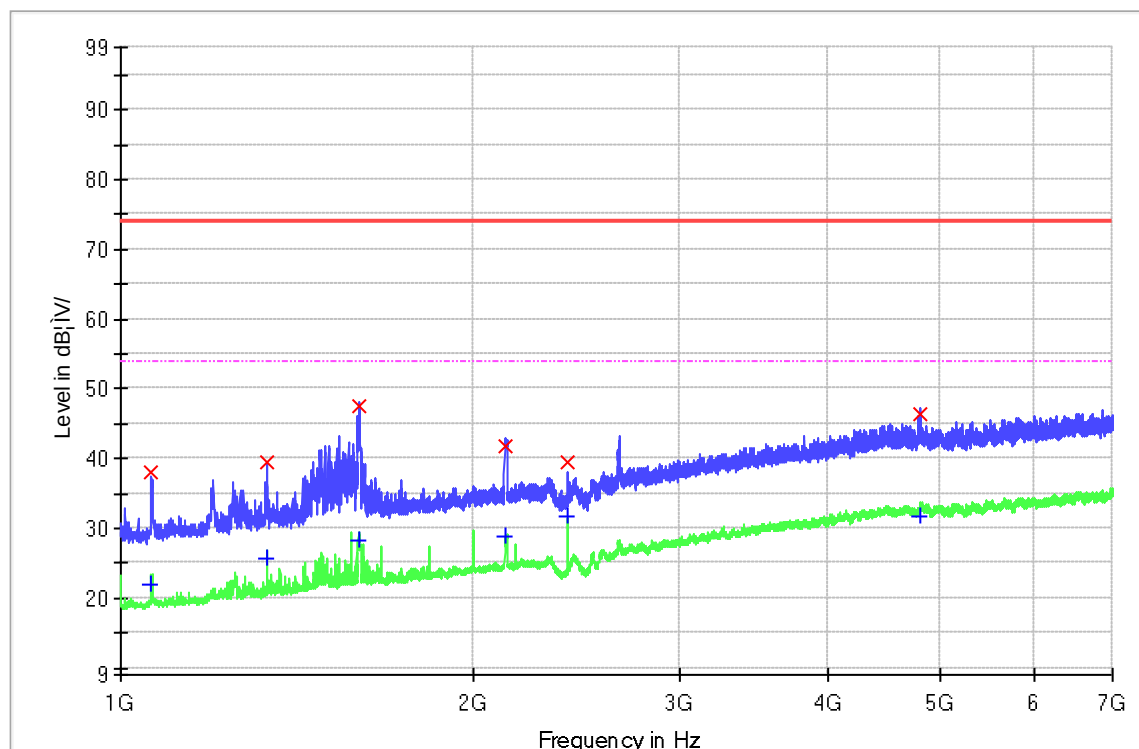
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1185.000000	34.0	H	-21.3	40.0	74.0
1597.500000	36.8	H	-18.3	37.2	74.0
2126.500000	39.8	H	-15.8	34.2	74.0
2401.500000	38.6	H	-14.5	35.4	74.0
3703.000000	42.7	H	-8.9	31.3	74.0
5297.000000	44.8	H	-6.2	29.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1185.000000	19.2	H	-21.3	34.8	54.0
1597.500000	24.2	H	-18.3	29.8	54.0
2126.500000	26.3	H	-15.8	27.7	54.0
2401.500000	34.2	H	-14.5	19.8	54.0
3703.000000	29.5	H	-8.9	24.5	54.0
5297.000000	31.9	H	-6.2	22.1	54.0

Figure 20: Radiated Spurious Emission, TM1, 1GHz to 7GHz, V

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

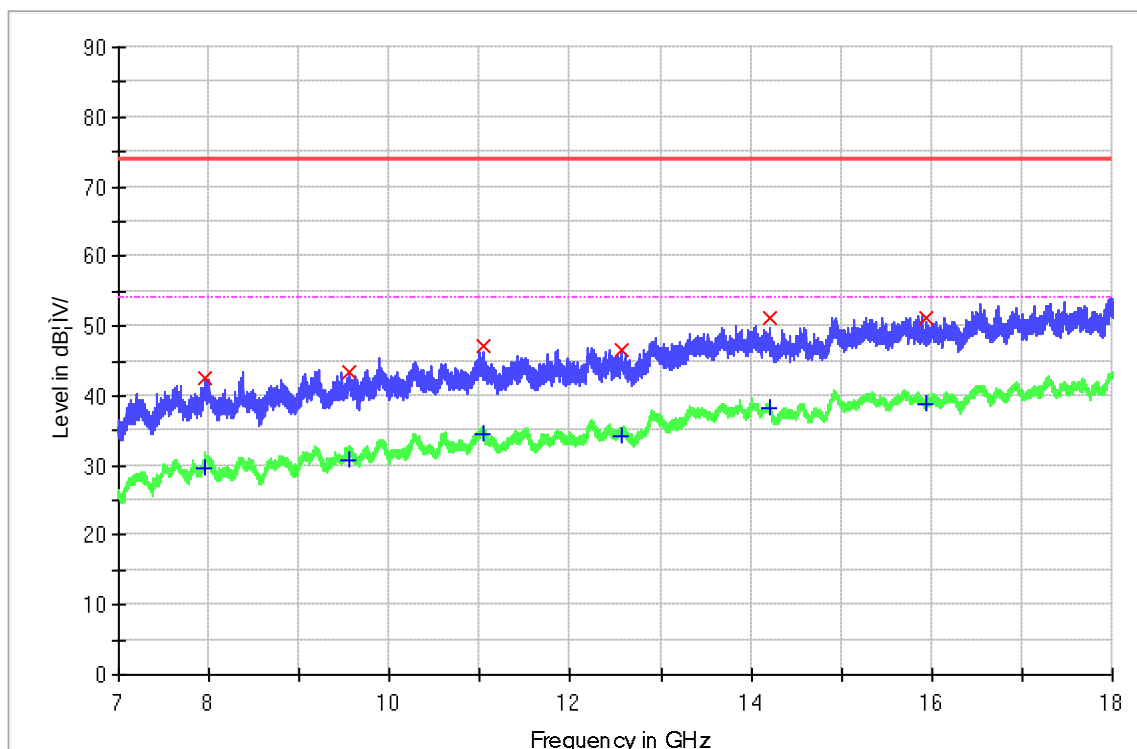
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1062.500000	38.0	V	-22.1	36.0	74.0
1330.500000	39.6	V	-20.2	34.4	74.0
1598.500000	47.5	V	-18.3	26.5	74.0
2126.000000	41.9	V	-15.8	32.1	74.0
2402.000000	39.4	V	-14.5	34.6	74.0
4795.500000	46.3	V	-6.5	27.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1062.500000	21.9	V	-22.1	32.1	54.0
1330.500000	25.7	V	-20.2	28.3	54.0
1598.500000	28.4	V	-18.3	25.6	54.0
2126.000000	28.7	V	-15.8	25.3	54.0
2402.000000	31.6	V	-14.5	22.4	54.0
4795.500000	31.6	V	-6.5	22.4	54.0

Figure 21: Radiated Spurious Emission, TM1, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

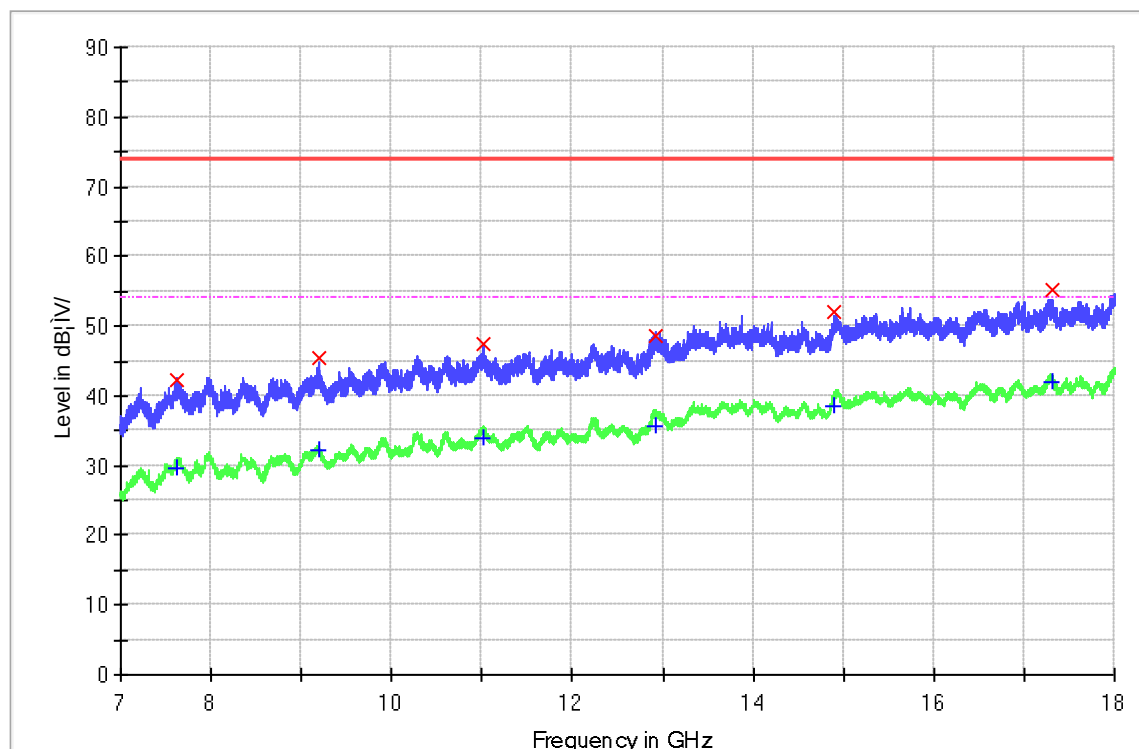
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7953.333333	42.5	H	-3.0	31.5	74.0
9540.083333	43.4	H	-0.7	30.6	74.0
11046.166667	47.3	H	0.8	26.7	74.0
12557.750000	46.6	H	1.4	27.4	74.0
14211.416667	51.2	H	4.7	22.8	74.0
15938.416667	51.3	H	6.7	22.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7953.333333	29.7	H	-3.0	24.3	54.0
9540.083333	30.8	H	-0.7	23.2	54.0
11046.166667	34.4	H	0.8	19.6	54.0
12557.750000	34.1	H	1.4	19.9	54.0
14211.416667	38.3	H	4.7	15.7	54.0
15938.416667	38.7	H	6.7	15.3	54.0

Figure 22: Radiated Spurious Emission, TM1, 7GHz to 18GHz, V

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

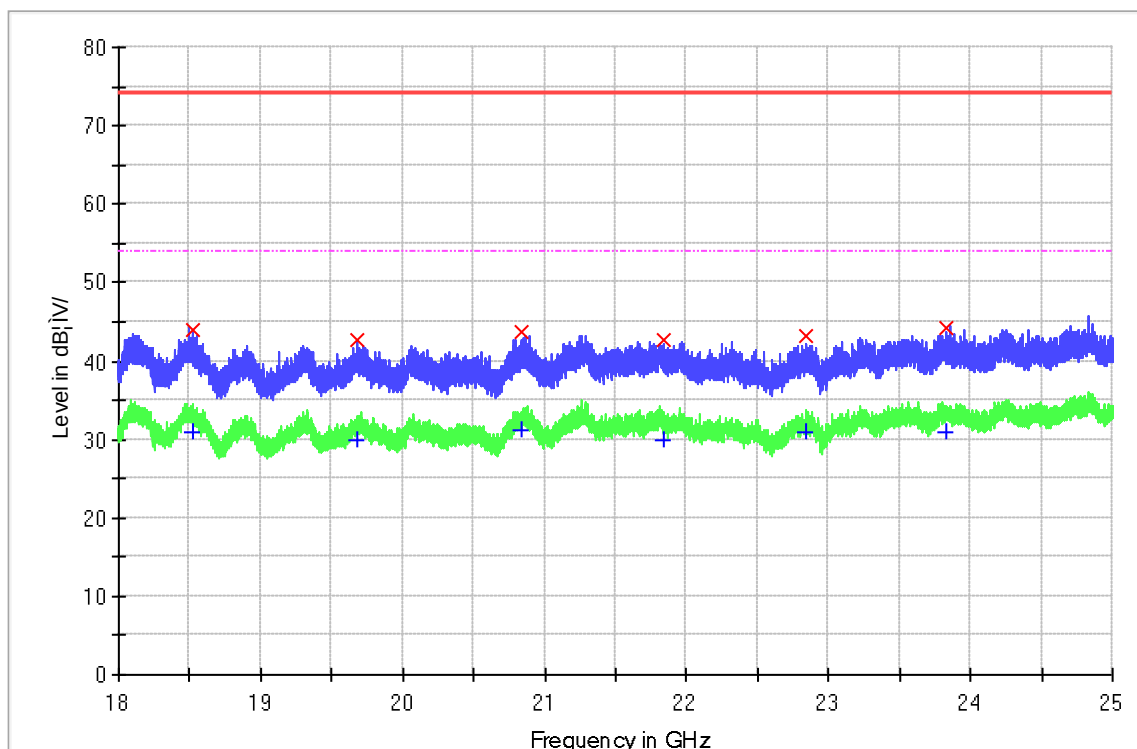
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7628.833333	42.4	V	-3.1	31.6	74.0
9185.333333	45.4	V	-0.8	28.6	74.0
11021.416667	47.6	V	0.9	26.4	74.0
12918.000000	48.5	V	3.5	25.5	74.0
14897.083333	51.9	V	5.8	22.1	74.0
17312.500000	55.3	V	9.0	18.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7628.833333	29.6	V	-3.1	24.4	54.0
9185.333333	32.2	V	-0.8	21.8	54.0
11021.416667	33.9	V	0.9	20.1	54.0
12918.000000	35.7	V	3.5	18.3	54.0
14897.083333	38.6	V	5.8	15.4	54.0
17312.500000	41.8	V	9.0	12.2	54.0

Figure 23: Radiated Spurious Emission, TM1, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

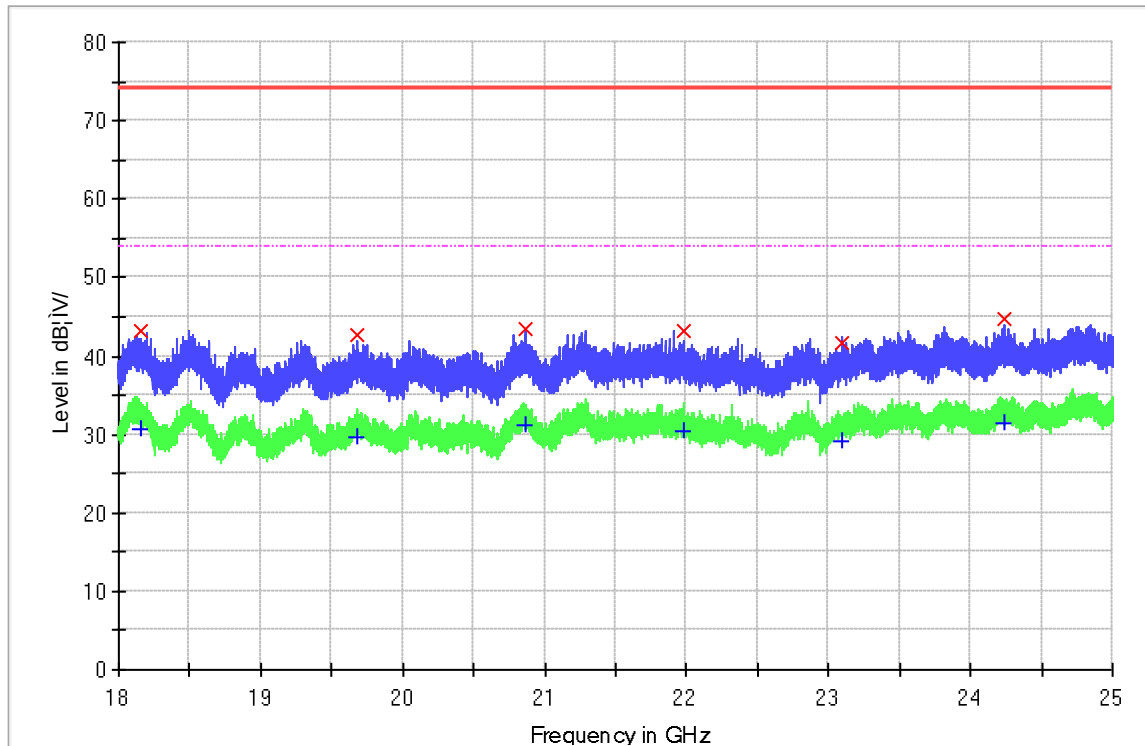
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18515.156250	44.1	H	-9.3	29.9	74.0
19674.750000	42.7	H	-8.7	31.3	74.0
20831.062500	43.7	H	-7.3	30.3	74.0
21843.000000	42.7	H	-5.9	31.3	74.0
22843.781250	43.3	H	-5.9	30.7	74.0
23828.375000	44.2	H	-4.2	29.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18515.156250	30.9	H	-9.3	23.1	54.0
19674.750000	29.8	H	-8.7	24.2	54.0
20831.062500	31.1	H	-7.3	22.9	54.0
21843.000000	30.0	H	-5.9	24.0	54.0
22843.781250	30.8	H	-5.9	23.2	54.0
23828.375000	31.0	H	-4.2	23.0	54.0

Figure 24: Radiated Spurious Emission, TM1, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

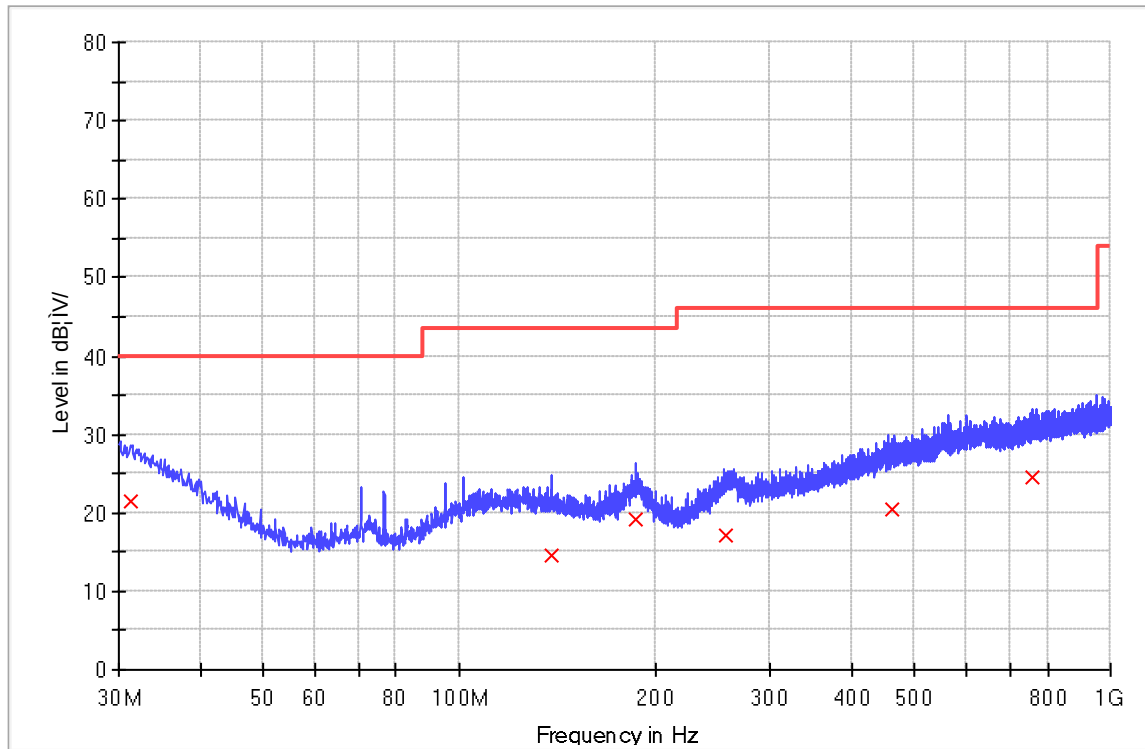
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18161.656250	43.1	V	-8.9	30.9	74.0
19672.562500	42.7	V	-8.7	31.3	74.0
20859.718750	43.5	V	-7.2	30.5	74.0
21975.343750	43.2	V	-5.9	30.8	74.0
23097.750000	41.7	V	-5.2	32.3	74.0
24240.062500	44.8	V	-4.1	29.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18161.656250	30.6	V	-8.9	30.9	74.0
19672.562500	29.6	V	-8.7	31.3	74.0
20859.718750	31.1	V	-7.2	30.5	74.0
21975.343750	30.3	V	-5.9	30.8	74.0
23097.750000	29.0	V	-5.2	32.3	74.0
24240.062500	31.5	V	-4.1	29.2	74.0

Figure 25: Radiated Spurious Emission, TM2, 30MHz to 1GHz, H

Radiated emission (30M-1 GHz) 1 sweep

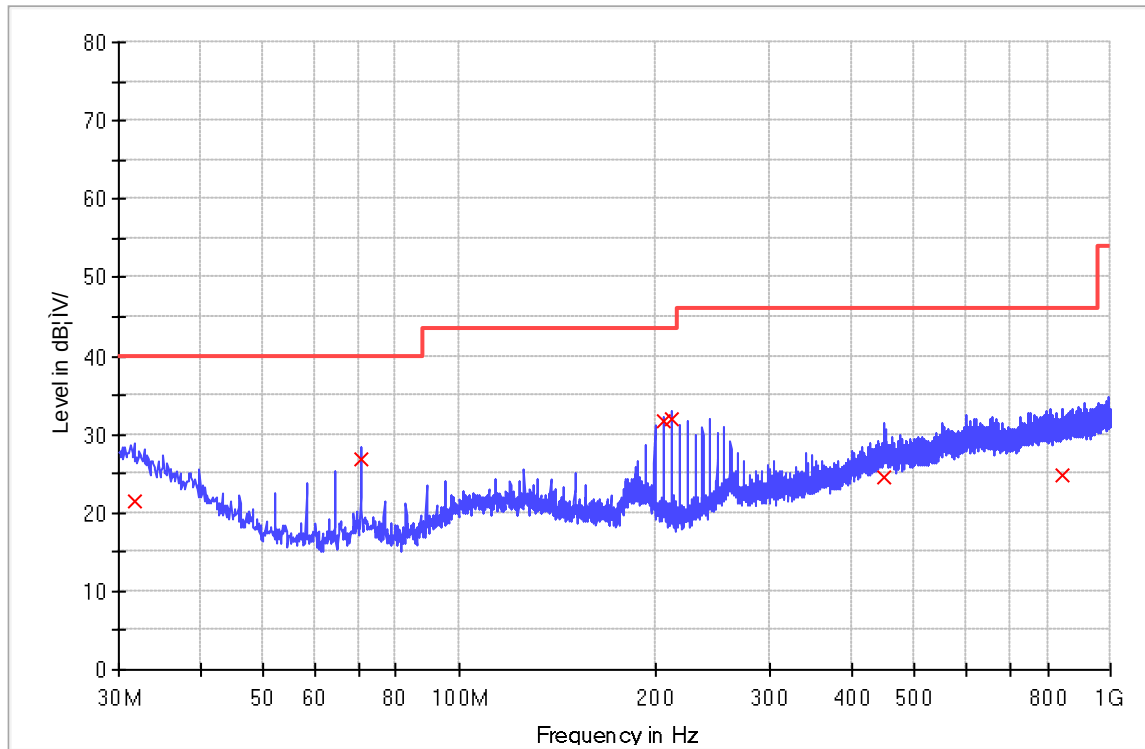


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	21.5	H	24.8	18.5	40.0
138.397500	14.7	H	18.2	28.8	43.5
187.018750	19.3	H	15.8	24.2	43.5
255.888750	17.2	H	20.1	28.8	46.0
463.226250	20.5	H	24.2	25.5	46.0
758.955000	24.6	H	27.2	21.4	46.0

Figure 26: Radiated Spurious Emission, TM2, 30MHz to 1GHz, V

Radiated emission (30M-1 GHz) 1 sweep

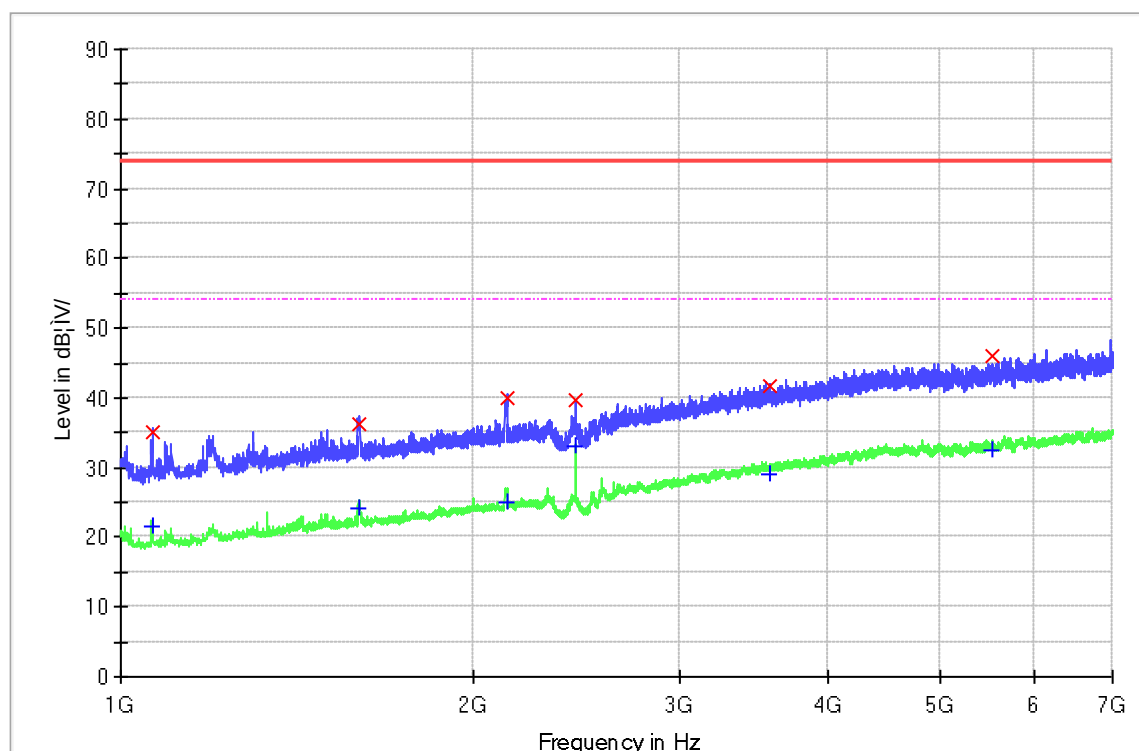


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.697500	21.5	V	24.6	18.5	40.0
70.618750	26.8	V	13.1	13.2	40.0
205.812500	31.6	V	16.2	11.9	43.5
211.996250	31.9	V	15.9	11.6	43.5
449.888750	24.4	V	24.1	21.6	46.0
845.770000	24.9	V	27.8	21.1	46.0

Figure 27: Radiated Spurious Emission, TM2, 1GHz to 7GHz, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

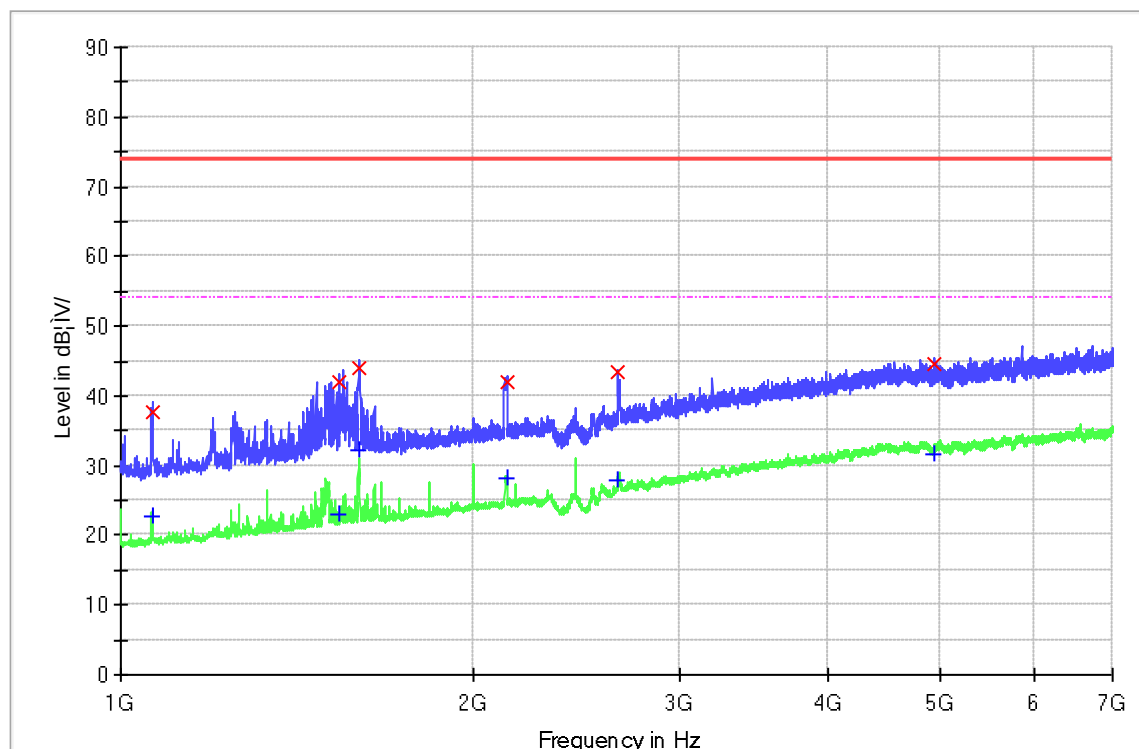
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1064.500000	35.1	H	-22.1	38.9	74.0
1597.000000	36.3	H	-18.3	37.7	74.0
2132.000000	40.1	H	-15.7	33.9	74.0
2440.000000	39.7	H	-14.3	34.3	74.0
3574.500000	41.8	H	-9.3	32.2	74.0
5520.500000	46.1	H	-5.7	27.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1064.500000	21.7	H	-22.1	32.3	54.0
1597.000000	24.2	H	-18.3	29.8	54.0
2132.000000	25.1	H	-15.7	28.9	54.0
2440.000000	33.1	H	-14.3	20.9	54.0
3574.500000	29.0	H	-9.3	25.0	54.0
5520.500000	32.5	H	-5.7	21.5	54.0

Figure 28: Radiated Spurious Emission, TM2, 1GHz to 7GHz, V

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

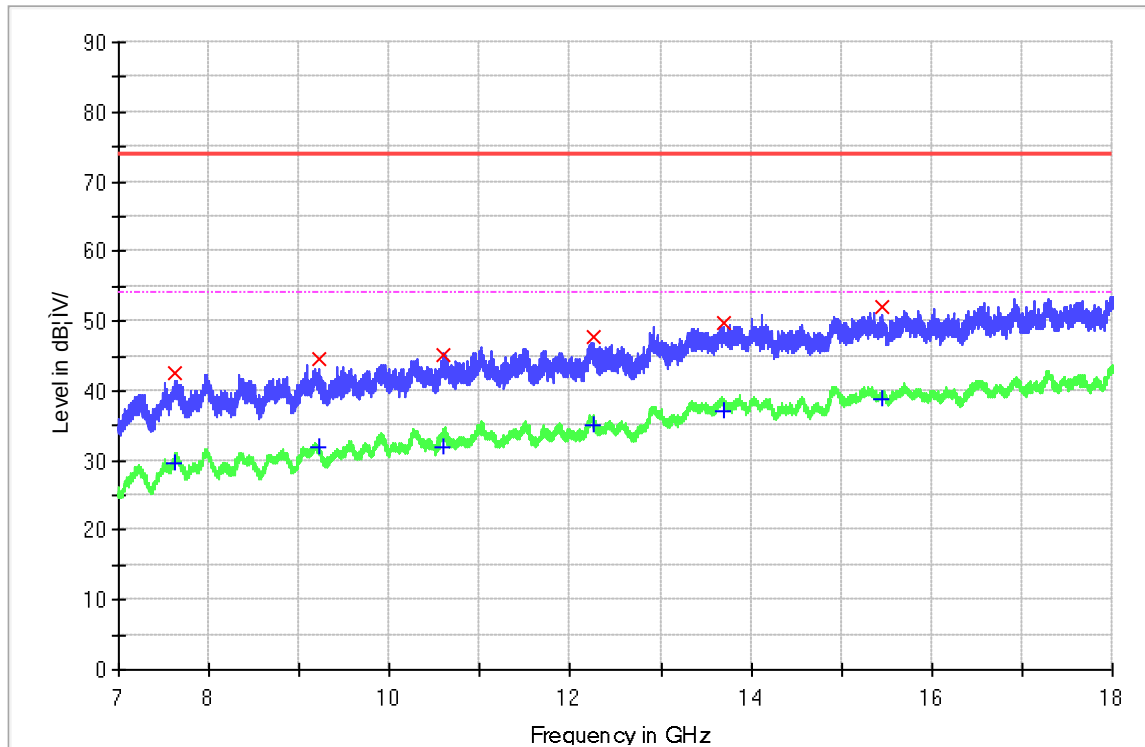
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1064.500000	37.7	V	-22.1	36.3	74.0
1537.000000	42.1	V	-18.7	31.9	74.0
1595.000000	44.1	V	-18.4	29.9	74.0
2132.000000	42.1	V	-15.7	31.9	74.0
2654.500000	43.5	V	-13.3	30.5	74.0
4940.500000	44.5	V	-6.6	29.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1064.500000	22.7	V	-22.1	31.3	54.0
1537.000000	22.9	V	-18.7	31.1	54.0
1595.000000	32.1	V	-18.4	21.9	54.0
2132.000000	28.1	V	-15.7	25.9	54.0
2654.500000	27.9	V	-13.3	26.1	54.0
4940.500000	31.6	V	-6.6	22.4	54.0

Figure 29: Radiated Spurious Emission, TM2, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

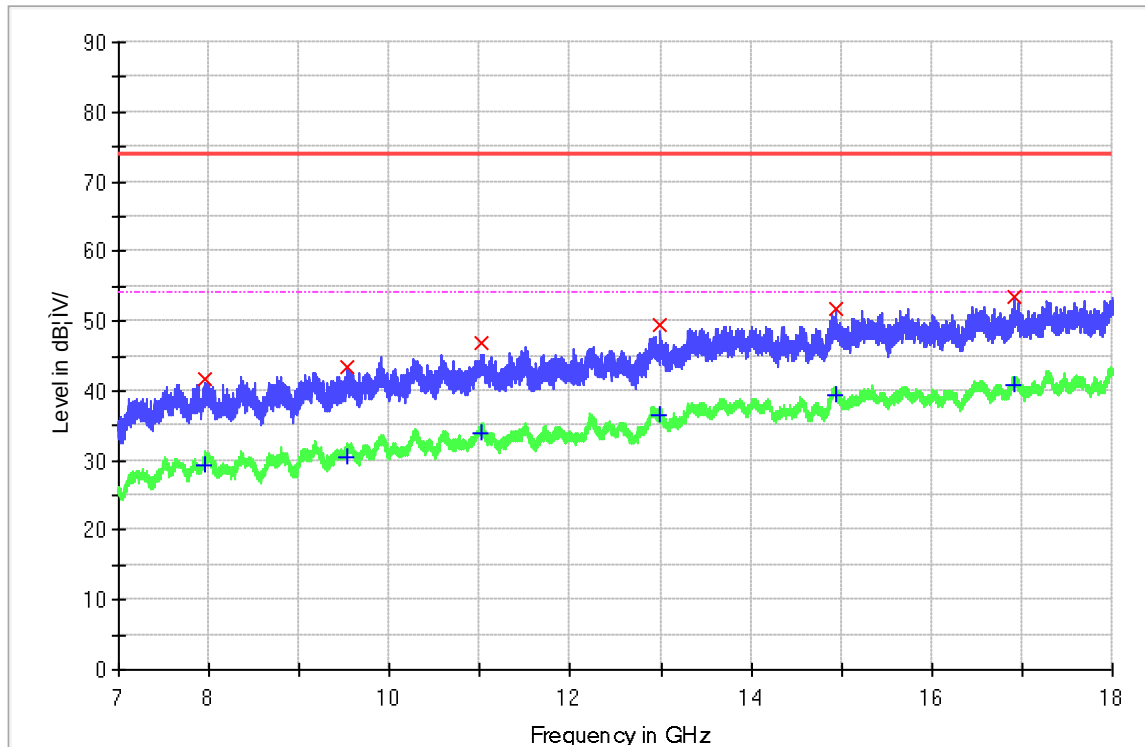
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7625.166667	42.6	H	-3.1	31.4	74.0
9211.000000	44.5	H	-0.7	29.5	74.0
10585.083333	45.0	H	1.0	29.0	74.0
12245.166667	47.6	H	1.6	26.4	74.0
13701.750000	49.7	H	3.3	24.3	74.0
15452.583333	52.0	H	6.0	22.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7625.166667	29.6	H	-3.1	24.4	54.0
9211.000000	32.0	H	-0.7	22.0	54.0
10585.083333	31.9	H	1.0	22.1	54.0
12245.166667	35.0	H	1.6	19.0	54.0
13701.750000	37.0	H	3.3	17.0	54.0
15452.583333	38.8	H	6.0	15.2	54.0

Figure 30: Radiated Spurious Emission, TM2, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

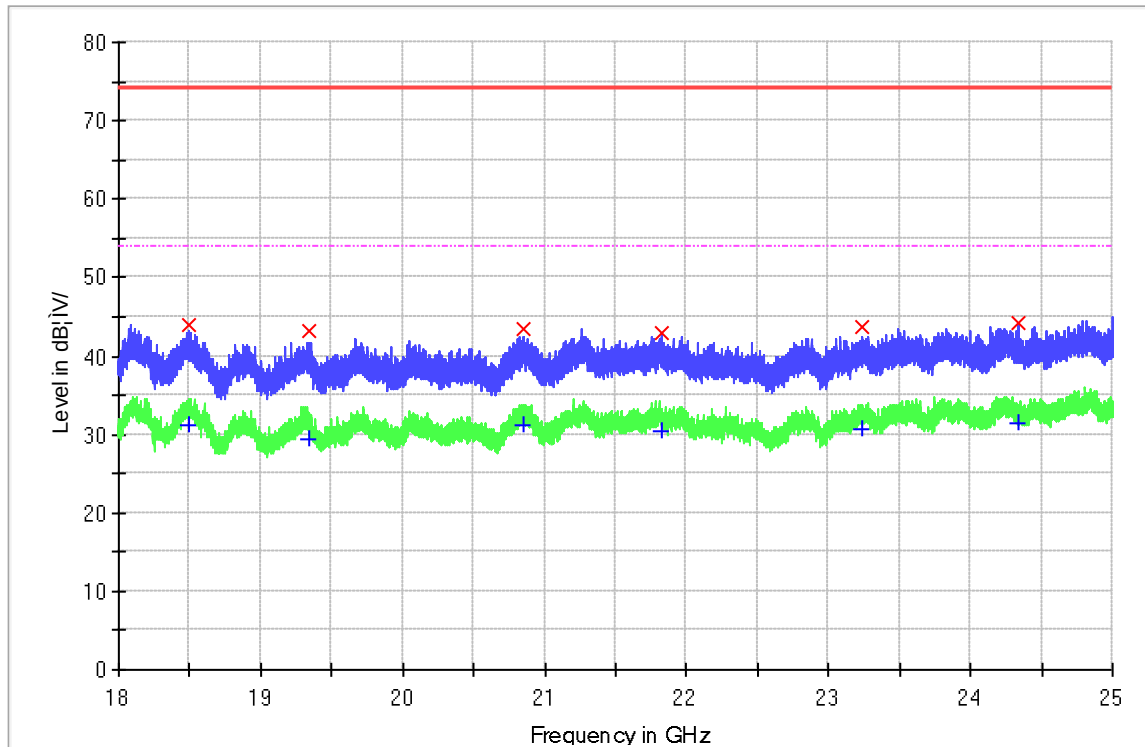
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7957.000000	41.8	V	-3.0	32.2	74.0
9533.666667	43.3	V	-0.7	30.7	74.0
11021.416667	46.7	V	0.9	27.3	74.0
12998.666667	49.4	V	2.8	24.6	74.0
14930.083333	51.8	V	5.8	22.2	74.0
16911.000000	53.3	V	7.8	20.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7957.000000	29.3	V	-3.0	24.7	54.0
9533.666667	30.5	V	-0.7	23.6	54.0
11021.416667	33.8	V	0.9	20.2	54.0
12998.666667	36.6	V	2.8	17.4	54.0
14930.083333	39.4	V	5.8	14.6	54.0
16911.000000	40.7	V	7.8	13.3	54.0

Figure 31: Radiated Spurious Emission, TM2, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

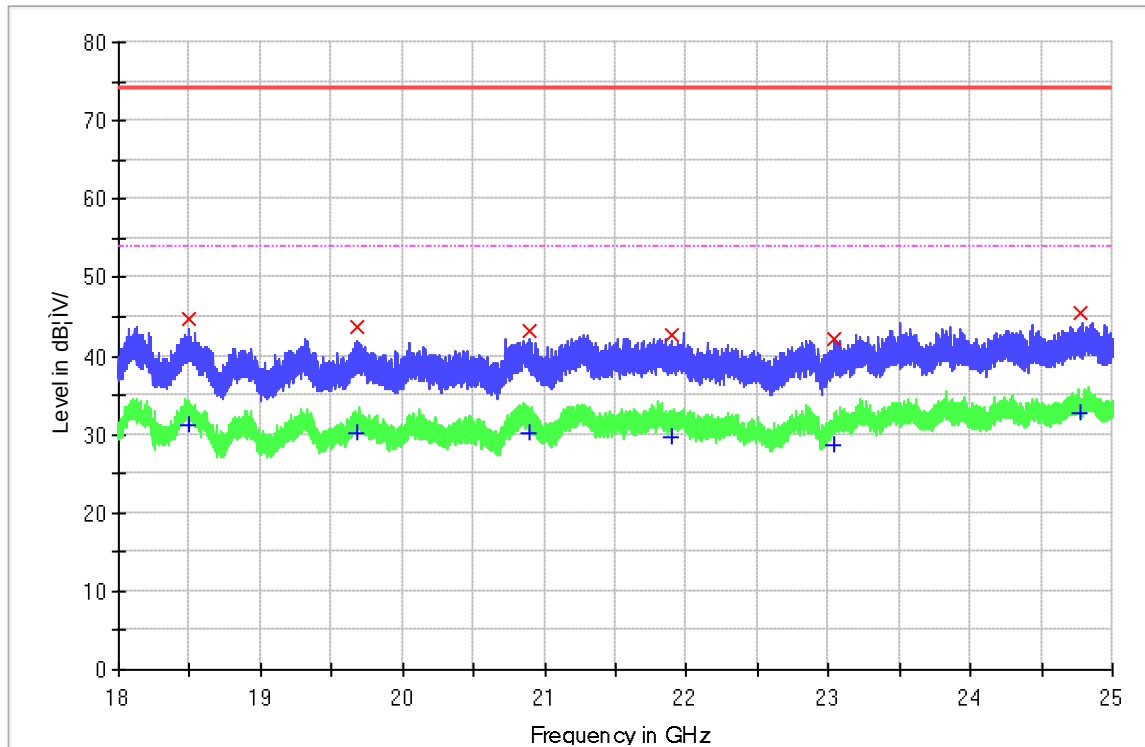
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18490.875000	44.0	H	-9.2	30.0	74.0
19343.343750	43.2	H	-9.3	30.8	74.0
20847.468750	43.5	H	-7.3	30.5	74.0
21822.218750	42.9	H	-5.9	31.1	74.0
23238.187500	43.7	H	-4.8	30.3	74.0
24339.593750	44.3	H	-4.0	29.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18490.875000	31.2	H	-9.2	22.8	54.0
19343.343750	29.4	H	-9.3	24.6	54.0
20847.468750	31.2	H	-7.3	22.8	54.0
21822.218750	30.3	H	-5.9	23.7	54.0
23238.187500	30.8	H	-4.8	23.2	54.0
24339.593750	31.4	H	-4.0	22.6	54.0

Figure 32: Radiated Spurious Emission, TM2, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

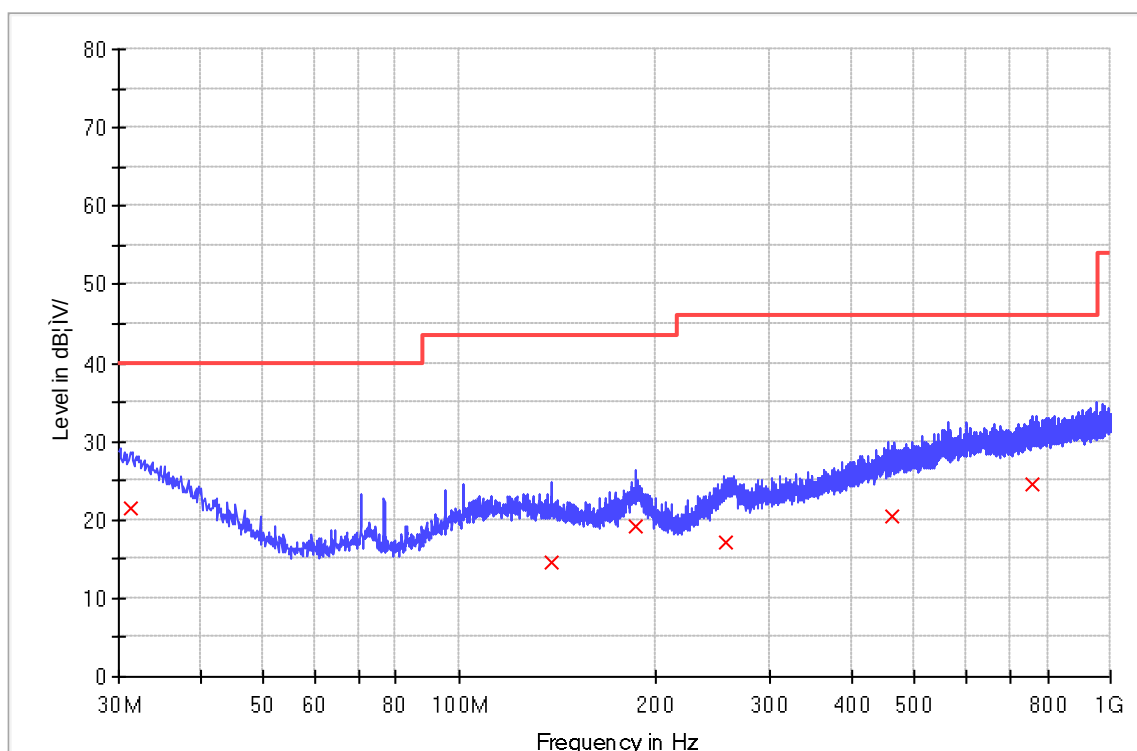
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18489.562500	44.6	V	-9.2	29.4	74.0
19678.906250	43.6	V	-8.6	30.4	74.0
20899.531250	43.2	V	-7.1	30.8	74.0
21890.031250	42.7	V	-5.9	31.3	74.0
23044.375000	42.1	V	-5.3	31.9	74.0
24767.687500	45.4	V	-3.4	28.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18489.562500	31.2	V	-9.2	22.8	54.0
19678.906250	30.1	V	-8.6	23.9	54.0
20899.531250	30.3	V	-7.1	23.7	54.0
21890.031250	29.6	V	-5.9	24.4	54.0
23044.375000	28.6	V	-5.3	25.4	54.0
24767.687500	32.6	V	-3.4	21.4	54.0

Figure 33: Radiated Spurious Emission, TM3, 30MHz to 1GHz, H

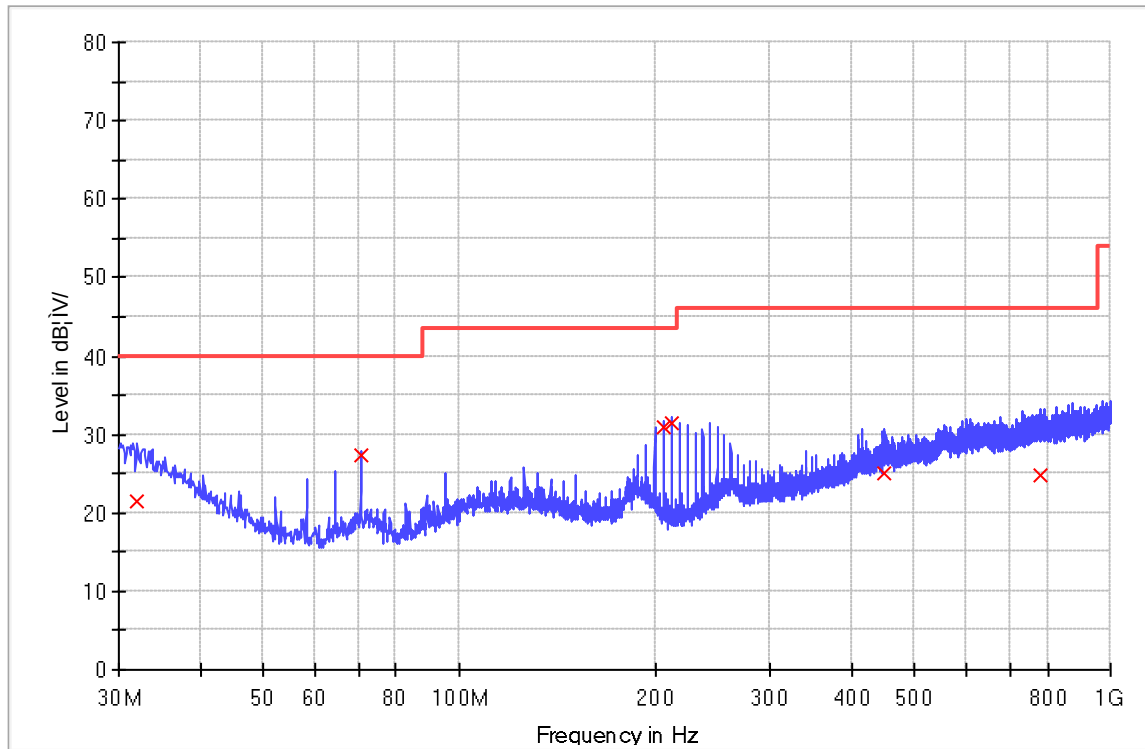
Radiated emission (30M-1 GHz) 1 sweep


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	21.5	H	24.8	18.5	40.0
138.397500	14.7	H	18.2	28.8	43.5
187.018750	19.3	H	15.8	24.2	43.5
255.888750	17.2	H	20.1	28.8	46.0
463.226250	20.5	H	24.2	25.5	46.0
758.955000	24.6	H	27.2	21.4	46.0

Figure 34: Radiated Spurious Emission, TM3, 30MHz to 1GHz, V

Radiated emission (30M-1 GHz) 1 sweep

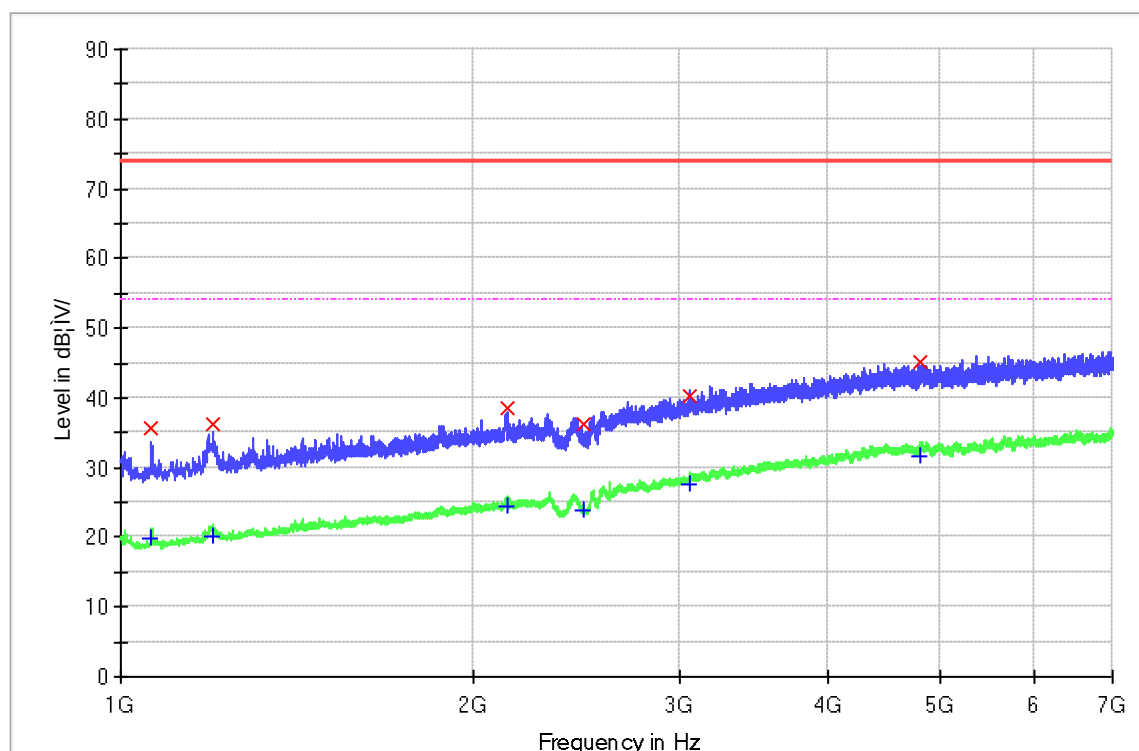


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
32.061250	21.5	V	24.5	18.5	40.0
70.618750	27.3	V	13.1	12.7	40.0
205.812500	30.9	V	16.2	12.6	43.5
211.875000	31.5	V	15.9	12.0	43.5
449.403750	25.0	V	24.1	21.0	46.0
780.658750	24.7	V	27.3	21.3	46.0

Figure 35: Radiated Spurious Emission, TM3, 1GHz to 7GHz, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

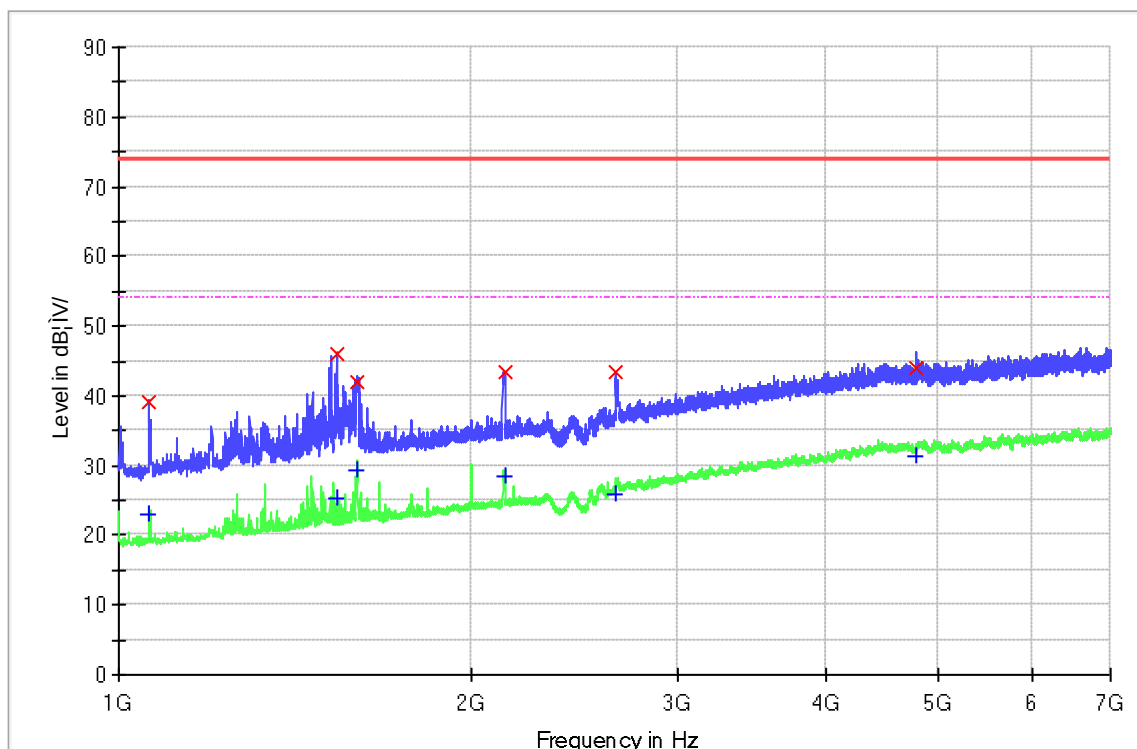
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1062.000000	35.6	H	-22.1	38.4	74.0
1198.500000	36.1	H	-21.2	37.9	74.0
2132.500000	38.5	H	-15.7	35.5	74.0
2480.000000	36.2	H	-14.2	37.8	74.0
3055.500000	40.1	H	-11.5	33.9	74.0
4794.500000	45.2	H	-6.5	28.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1062.000000	20.0	H	-22.1	34.0	54.0
1198.500000	20.1	H	-21.2	33.9	54.0
2132.500000	24.4	H	-15.7	29.6	54.0
2480.000000	23.9	H	-14.2	30.1	54.0
3055.500000	27.5	H	-11.5	26.5	54.0
4794.500000	31.7	H	-6.5	22.3	54.0

Figure 36: Radiated Spurious Emission, TM3, 1GHz to 7GHz, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

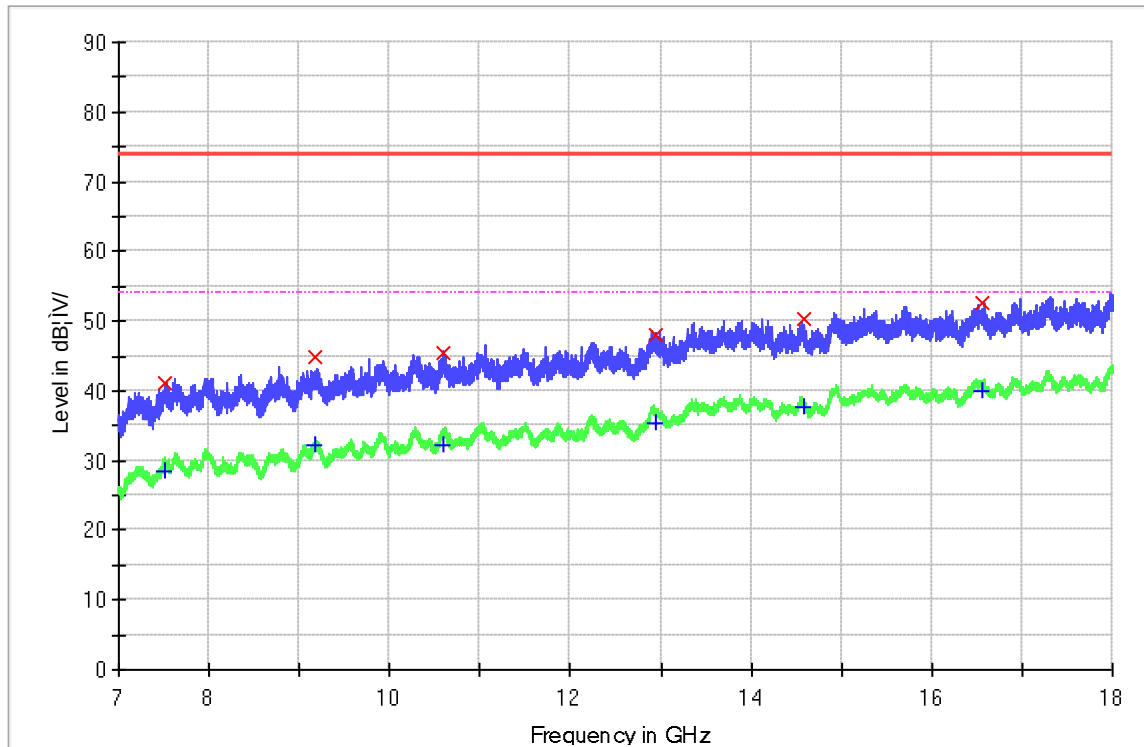
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1061.500000	39.0	V	-22.1	35.0	74.0
1532.000000	46.0	V	-18.7	28.0	74.0
1597.500000	42.0	V	-18.3	32.0	74.0
2131.500000	43.5	V	-15.7	30.5	74.0
2654.000000	43.3	V	-13.3	30.7	74.0
4784.500000	43.9	V	-6.5	30.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1061.500000	23.1	V	-22.1	30.9	54.0
1532.000000	25.3	V	-18.7	28.7	54.0
1597.500000	29.3	V	-18.3	24.7	54.0
2131.500000	28.6	V	-15.7	25.4	54.0
2654.000000	25.9	V	-13.3	28.1	54.0
4784.500000	31.5	V	-6.5	22.5	54.0

Figure 37: Radiated Spurious Emission, TM3, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

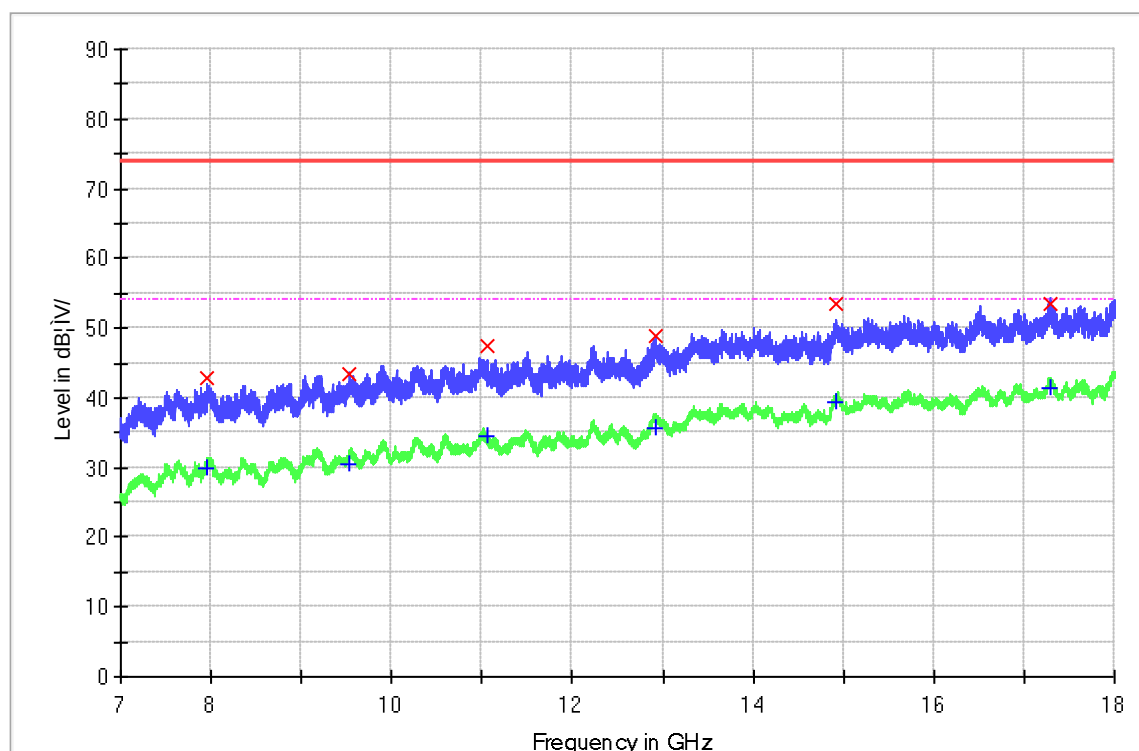
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7503.250000	41.0	H	-2.7	33.0	74.0
9184.416667	44.9	H	-0.8	29.1	74.0
10593.333333	45.4	H	1.1	28.6	74.0
12950.083333	48.1	H	3.2	25.9	74.0
14582.666667	50.2	H	4.8	23.8	74.0
16553.500000	52.6	H	7.2	21.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7503.250000	28.4	H	-2.7	25.6	54.0
9184.416667	32.1	H	-0.8	21.9	54.0
10593.333333	32.1	H	1.1	21.9	54.0
12950.083333	35.5	H	3.2	18.5	54.0
14582.666667	37.7	H	4.8	16.3	54.0
16553.500000	40.1	H	7.2	13.9	54.0

Figure 38: Radiated Spurious Emission, TM3, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

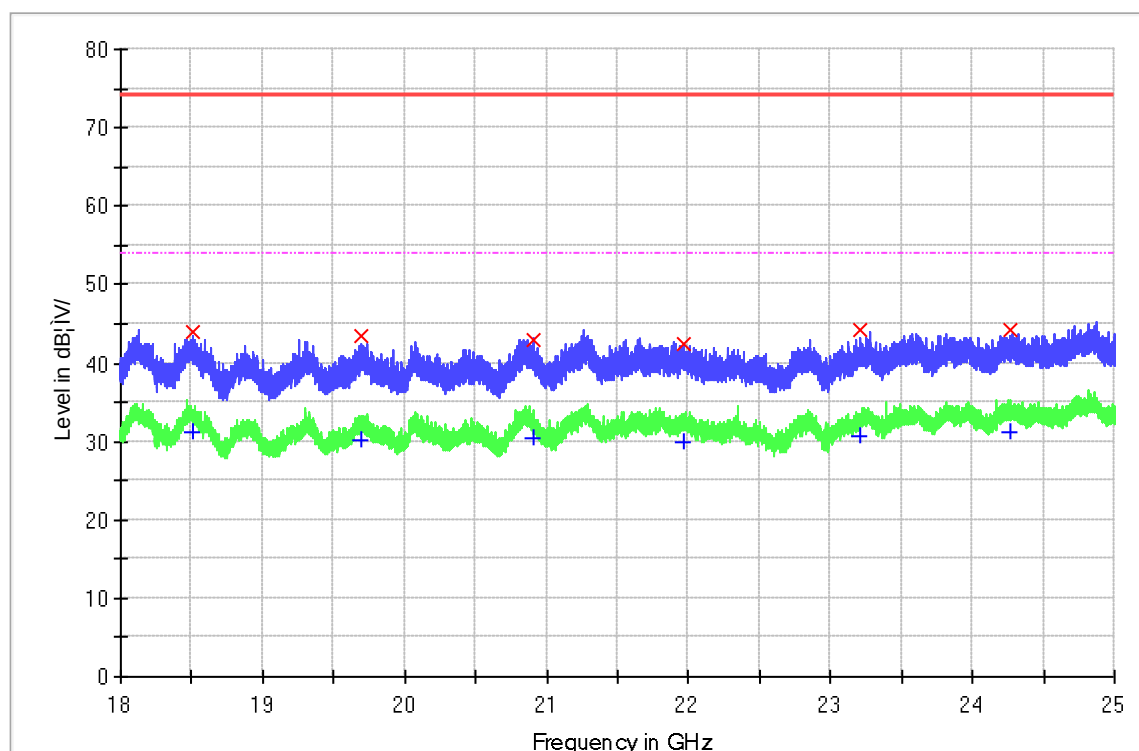
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7961.583333	42.8	V	-3.0	31.2	74.0
9539.166667	43.5	V	-0.7	30.5	74.0
11057.166667	47.5	V	0.8	26.5	74.0
12913.416667	48.8	V	3.5	25.2	74.0
14925.500000	53.6	V	5.9	20.4	74.0
17283.166667	53.5	V	8.8	20.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7961.583333	30.0	V	-3.0	24.0	54.0
9539.166667	30.6	V	-0.7	23.4	54.0
11057.166667	34.4	V	0.8	19.6	54.0
12913.416667	35.8	V	3.5	18.2	54.0
14925.500000	39.3	V	5.9	14.7	54.0
17283.166667	41.3	V	8.8	12.7	54.0

Figure 39: Radiated Spurious Emission, TM3, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

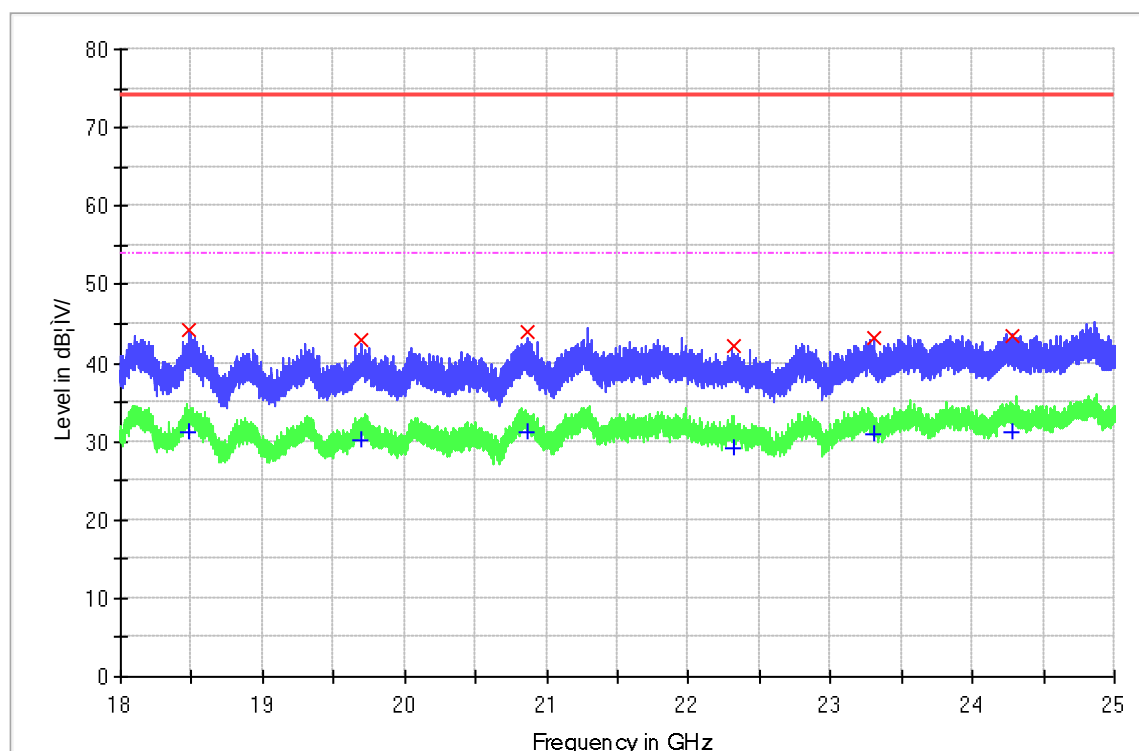
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18503.343750	43.9	H	-9.3	30.1	74.0
19695.312500	43.4	H	-8.6	30.6	74.0
20908.500000	43.0	H	-7.1	31.0	74.0
21969.218750	42.5	H	-5.9	31.5	74.0
23204.937500	44.3	H	-4.9	29.7	74.0
24267.406250	44.3	H	-4.0	29.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18503.343750	31.1	H	-9.3	22.9	54.0
19695.312500	30.2	H	-8.6	23.8	54.0
20908.500000	30.4	H	-7.1	23.6	54.0
21969.218750	29.8	H	-5.9	24.2	54.0
23204.937500	30.8	H	-4.9	23.2	54.0
24267.406250	31.1	H	-4.0	22.9	54.0

Figure 40: Radiated Spurious Emission, TM3, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

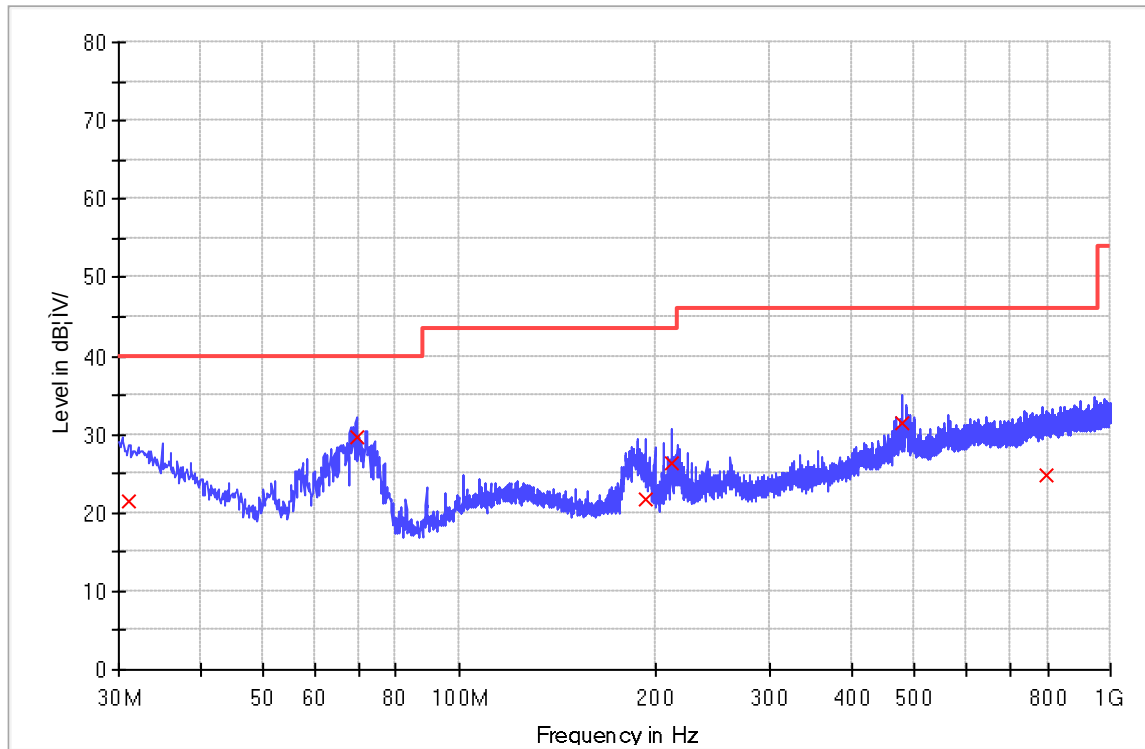
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18480.156250	44.2	V	-9.2	29.8	74.0
19700.562500	42.9	V	-8.6	31.1	74.0
20859.718750	44.0	V	-7.2	30.0	74.0
22315.500000	42.1	V	-6.5	31.9	74.0
23300.968750	43.2	V	-4.7	30.8	74.0
24279.218750	43.6	V	-4.0	30.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18480.156250	31.1	V	-9.2	22.9	54.0
19700.562500	30.2	V	-8.6	23.8	54.0
20859.718750	31.1	V	-7.2	22.9	54.0
22315.500000	29.3	V	-6.5	24.7	54.0
23300.968750	30.9	V	-4.7	23.1	54.0
24279.218750	31.2	V	-4.0	22.8	54.0

Figure 41: Radiated Spurious Emission, TM4, 30MHz to 1GHz, H

Radiated emission (30M-1 GHz) 1 sweep

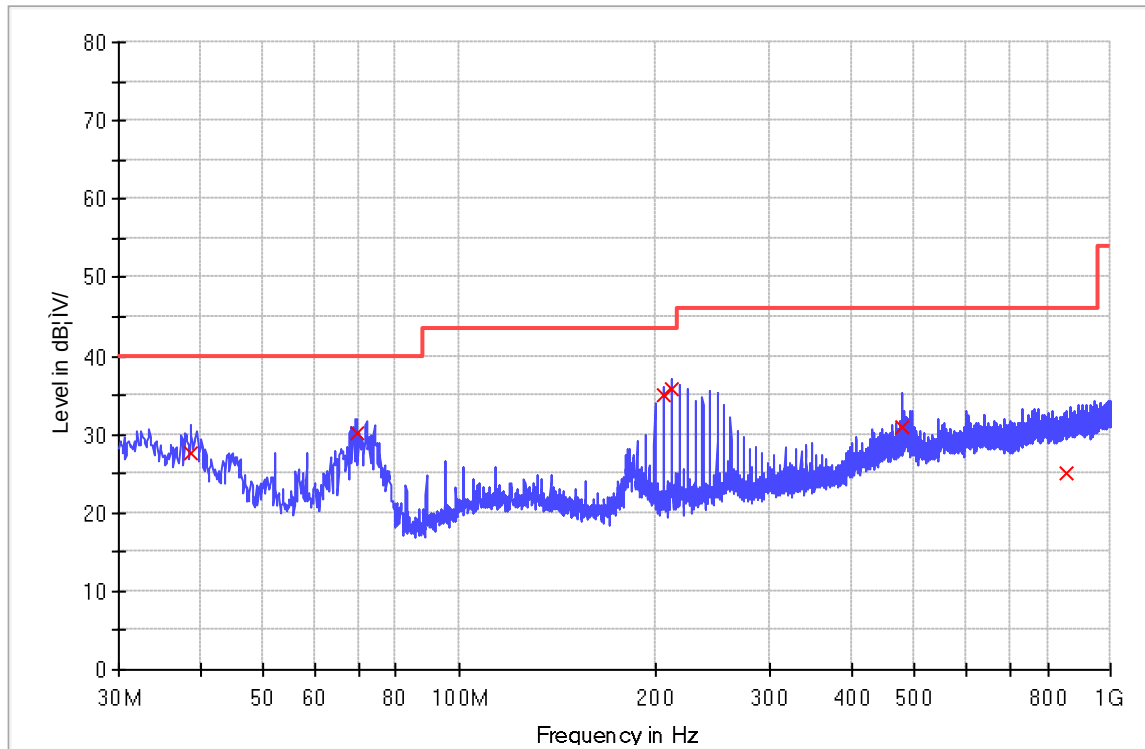


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.091250	21.6	H	24.9	18.4	40.0
69.527500	29.7	H	13.1	10.3	40.0
192.838750	21.7	H	15.9	21.8	43.5
211.996250	26.4	H	15.9	17.1	43.5
479.958750	31.5	H	24.6	14.5	46.0
797.997500	24.9	H	27.5	21.1	46.0

Figure 42: Radiated Spurious Emission, TM4, 30MHz to 1GHz, V

Radiated emission (30M-1 GHz) 1 sweep

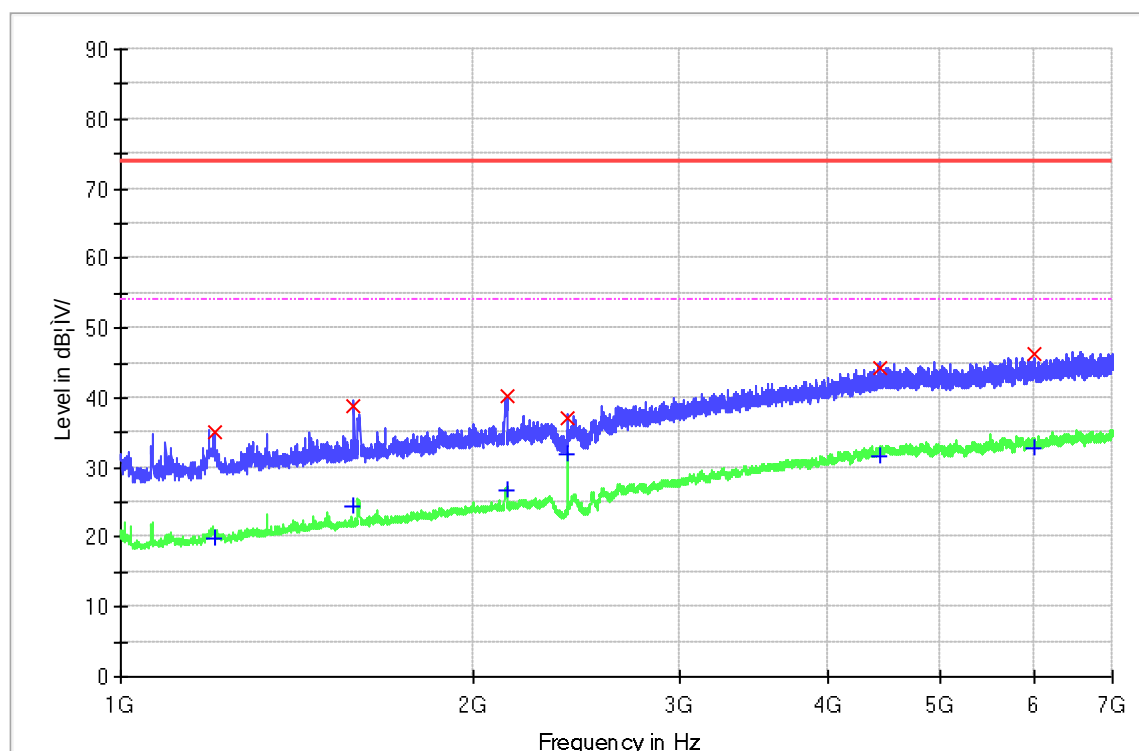


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
38.730000	27.6	V	20.7	12.4	40.0
69.527500	30.1	V	13.1	9.9	40.0
205.812500	35.0	V	16.2	8.5	43.5
211.996250	35.9	V	15.9	7.6	43.5
479.958750	31.0	V	24.6	15.0	46.0
853.166250	25.0	V	27.9	21.0	46.0

Figure 43: Radiated Spurious Emission, TM4, 1GHz to 7GHz, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

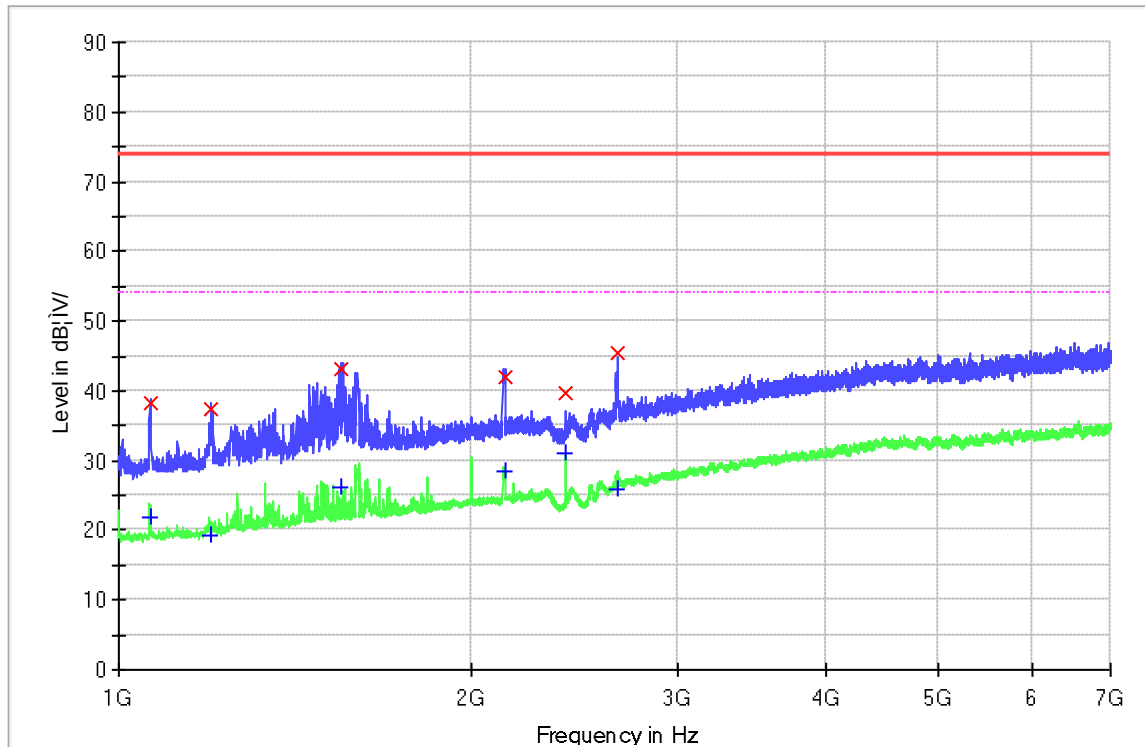
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1201.000000	35.1	H	-21.2	38.9	74.0
1580.500000	38.9	H	-18.4	35.1	74.0
2132.000000	40.3	H	-15.7	33.7	74.0
2402.000000	37.2	H	-14.5	36.8	74.0
4429.500000	44.3	H	-6.5	29.7	74.0
6003.000000	46.2	H	-5.9	27.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1201.000000	19.8	H	-21.2	34.2	54.0
1580.500000	24.3	H	-18.4	29.7	54.0
2132.000000	26.8	H	-15.7	27.2	54.0
2402.000000	32.0	H	-14.5	22.0	54.0
4429.500000	31.5	H	-6.5	22.5	54.0
6003.000000	32.9	H	-5.9	21.1	54.0

Figure 44: Radiated Spurious Emission, TM4, 1GHz to 7GHz, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

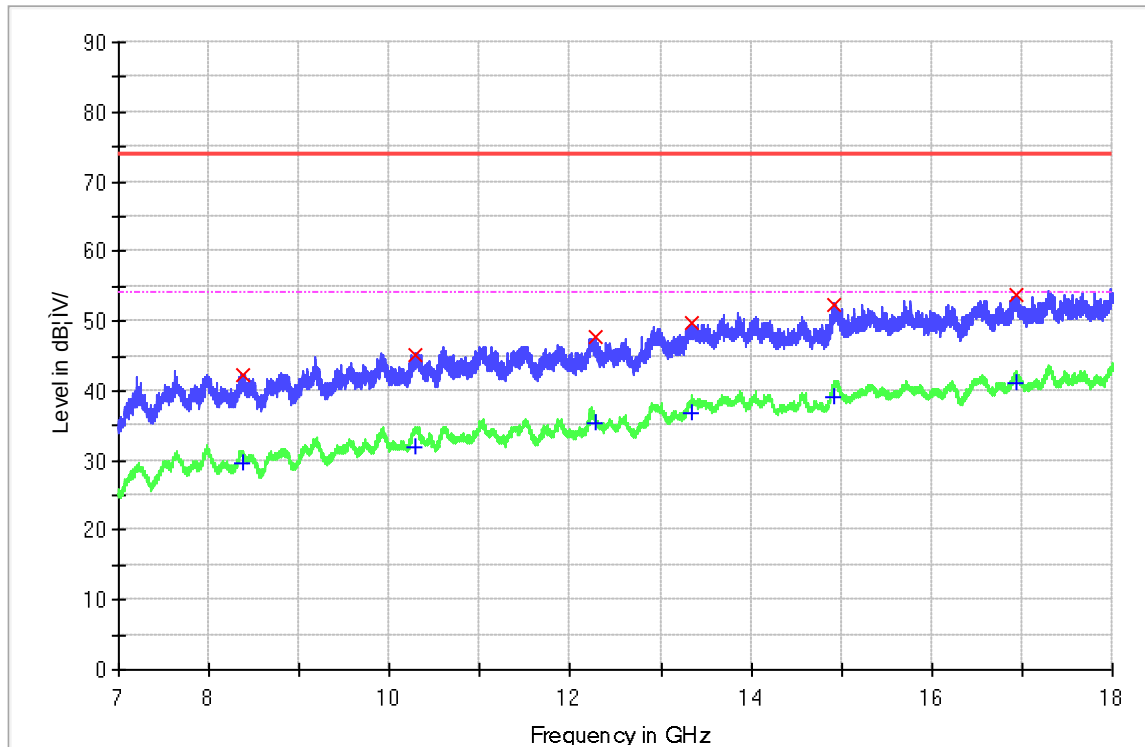
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1065.500000	38.2	V	-22.1	35.8	74.0
1198.500000	37.5	V	-21.2	36.5	74.0
1547.500000	43.2	V	-18.6	30.8	74.0
2132.500000	42.1	V	-15.7	31.9	74.0
2402.000000	39.6	V	-14.5	34.4	74.0
2658.000000	45.3	V	-13.3	28.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1065.500000	22.0	V	-22.1	32.0	54.0
1198.500000	19.4	V	-21.2	34.6	54.0
1547.500000	26.3	V	-18.6	27.7	54.0
2132.500000	28.5	V	-15.7	25.5	54.0
2402.000000	31.1	V	-14.5	22.9	54.0
2658.000000	26.0	V	-13.3	28.0	54.0

Figure 45: Radiated Spurious Emission, TM4, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

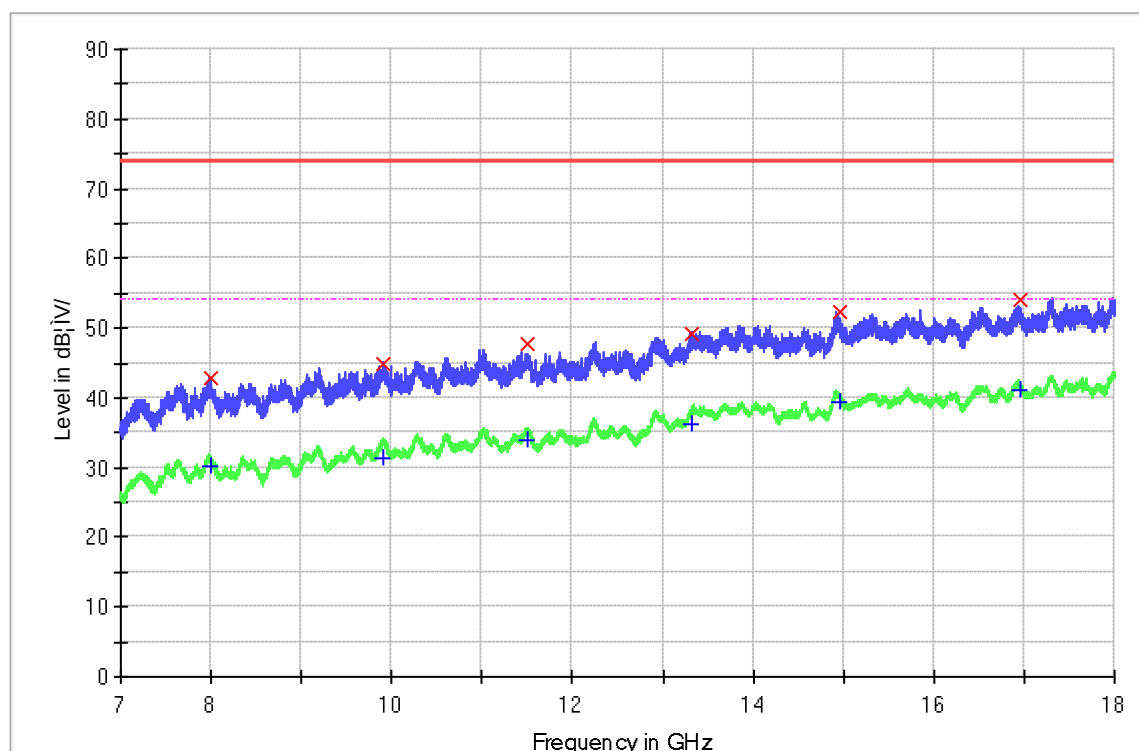
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
8368.583333	42.3	H	-2.5	31.7	74.0
10289.000000	45.2	H	0.4	28.8	74.0
12274.500000	47.9	H	1.4	26.1	74.0
13344.250000	49.8	H	3.0	24.2	74.0
14907.166667	52.2	H	6.0	21.8	74.0
16930.250000	53.8	H	7.7	20.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
8368.583333	29.6	H	-2.5	24.4	54.0
10289.000000	32.0	H	0.4	22.0	54.0
12274.500000	35.3	H	1.4	18.7	54.0
13344.250000	36.8	H	3.0	17.2	54.0
14907.166667	39.0	H	6.0	15.0	54.0
16930.250000	41.2	H	7.7	12.8	54.0

Figure 46: Radiated Spurious Emission, TM4, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

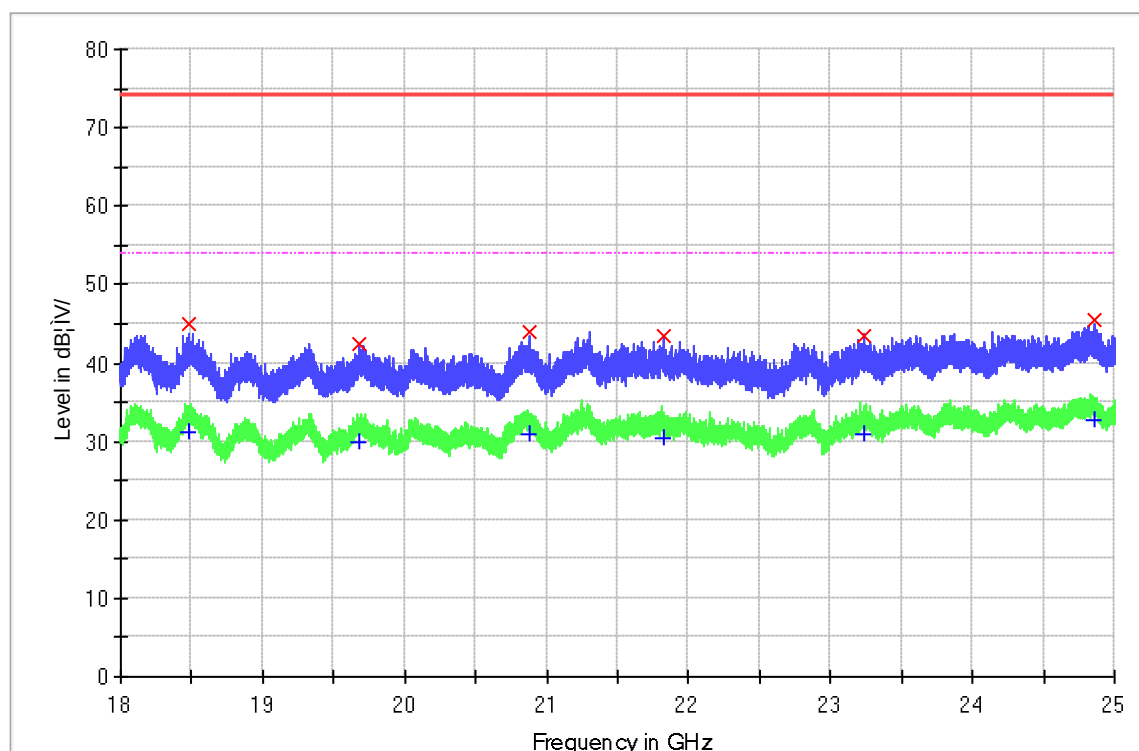
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7992.750000	42.9	V	-3.1	31.1	74.0
9898.500000	44.7	V	-0.1	29.3	74.0
11499.916667	47.7	V	1.6	26.3	74.0
13320.416667	49.1	V	3.2	24.9	74.0
14960.333333	52.4	V	5.5	21.6	74.0
16950.416667	54.1	V	7.7	19.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7992.750000	30.1	V	-3.1	23.9	54.0
9898.500000	31.5	V	-0.1	22.5	54.0
11499.916667	33.9	V	1.6	20.1	54.0
13320.416667	36.2	V	3.2	17.8	54.0
14960.333333	39.4	V	5.5	14.6	54.0
16950.416667	41.0	V	7.7	13.0	54.0

Figure 47: Radiated Spurious Emission, TM4, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

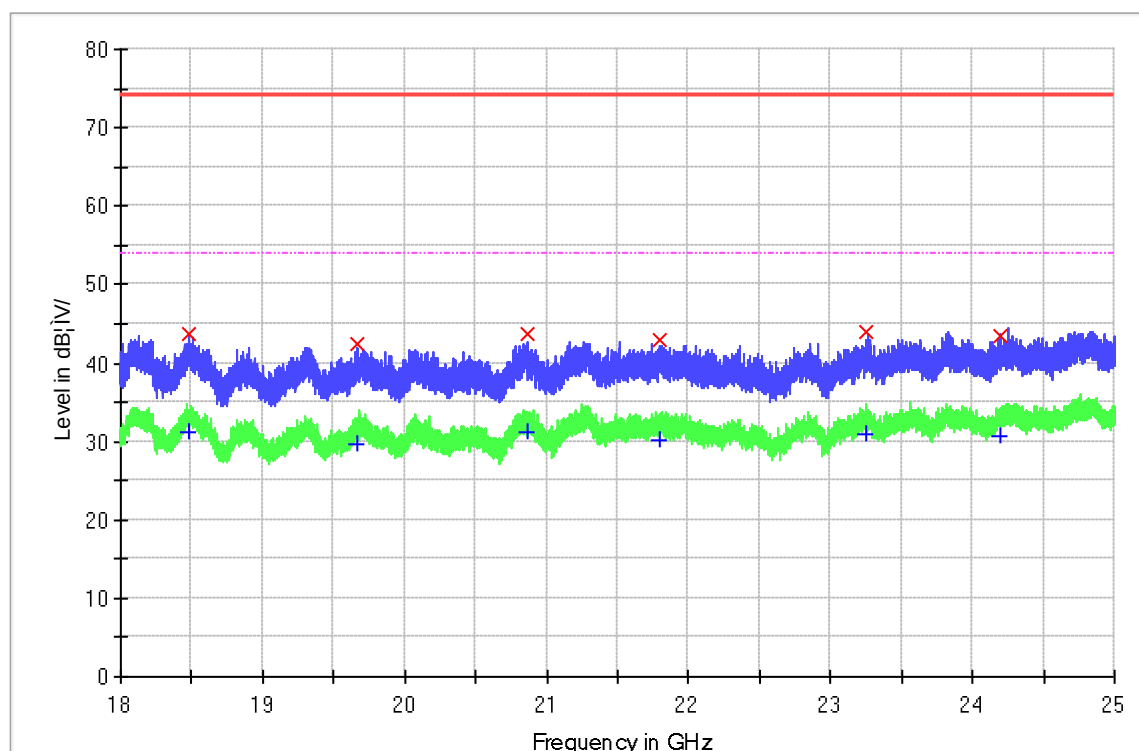
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18482.781250	44.9	H	-9.2	29.1	74.0
19681.531250	42.4	H	-8.6	31.6	74.0
20883.562500	43.9	H	-7.2	30.1	74.0
21819.375000	43.4	H	-5.9	30.6	74.0
23230.093750	43.4	H	-4.9	30.6	74.0
24861.312500	45.4	H	-3.3	28.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18482.781250	31.3	H	-9.2	22.7	54.0
19681.531250	29.9	H	-8.6	24.1	54.0
20883.562500	30.8	H	-7.2	23.2	54.0
21819.375000	30.4	H	-5.9	23.6	54.0
23230.093750	30.8	H	-4.9	23.2	54.0
24861.312500	32.6	H	-3.3	21.4	54.0

Figure 48: Radiated Spurious Emission, TM4, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

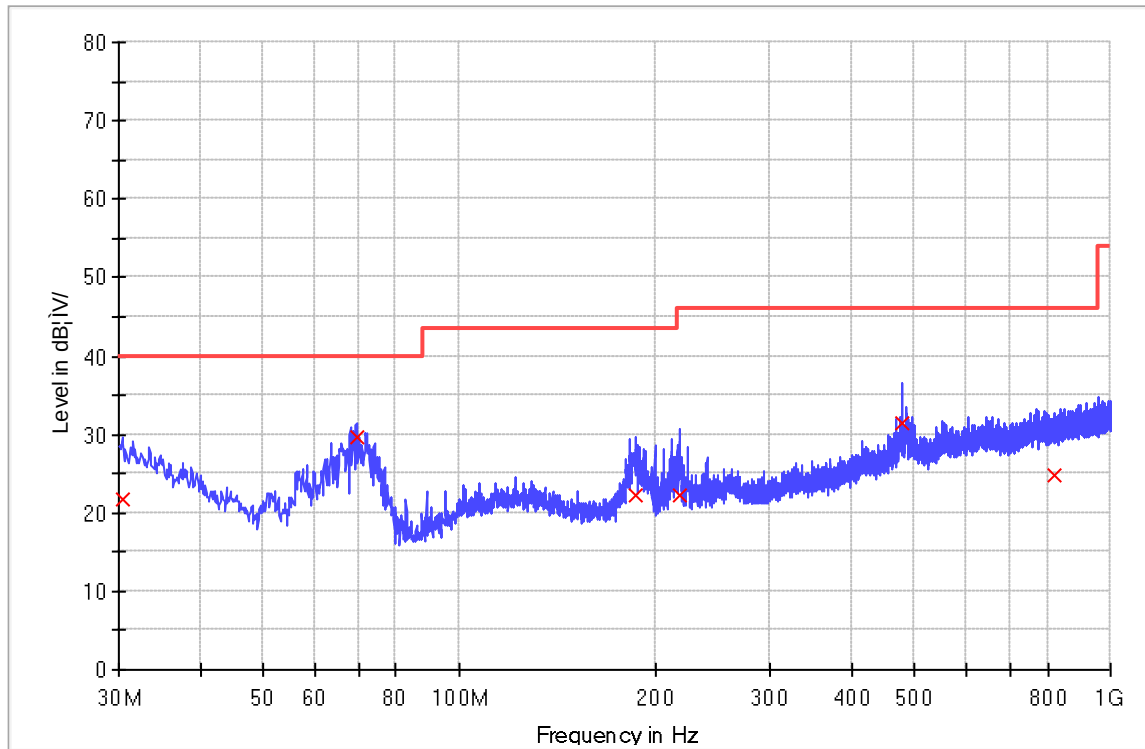
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18478.406250	43.6	V	-9.2	30.4	74.0
19672.343750	42.5	V	-8.7	31.5	74.0
20859.718750	43.8	V	-7.2	30.2	74.0
21792.687500	43.0	V	-5.9	31.0	74.0
23250.000000	43.8	V	-4.8	30.2	74.0
24196.093750	43.4	V	-4.1	30.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18478.406250	31.1	V	-9.2	22.9	54.0
19672.343750	29.6	V	-8.7	24.4	54.0
20859.718750	31.1	V	-7.2	22.9	54.0
21792.687500	30.1	V	-5.9	23.9	54.0
23250.000000	30.8	V	-4.8	23.2	54.0
24196.093750	30.6	V	-4.1	23.4	54.0

Figure 49: Radiated Spurious Emission, TM5, 30MHz to 1GHz, H

Radiated emission (30M-1 GHz) 1 sweep

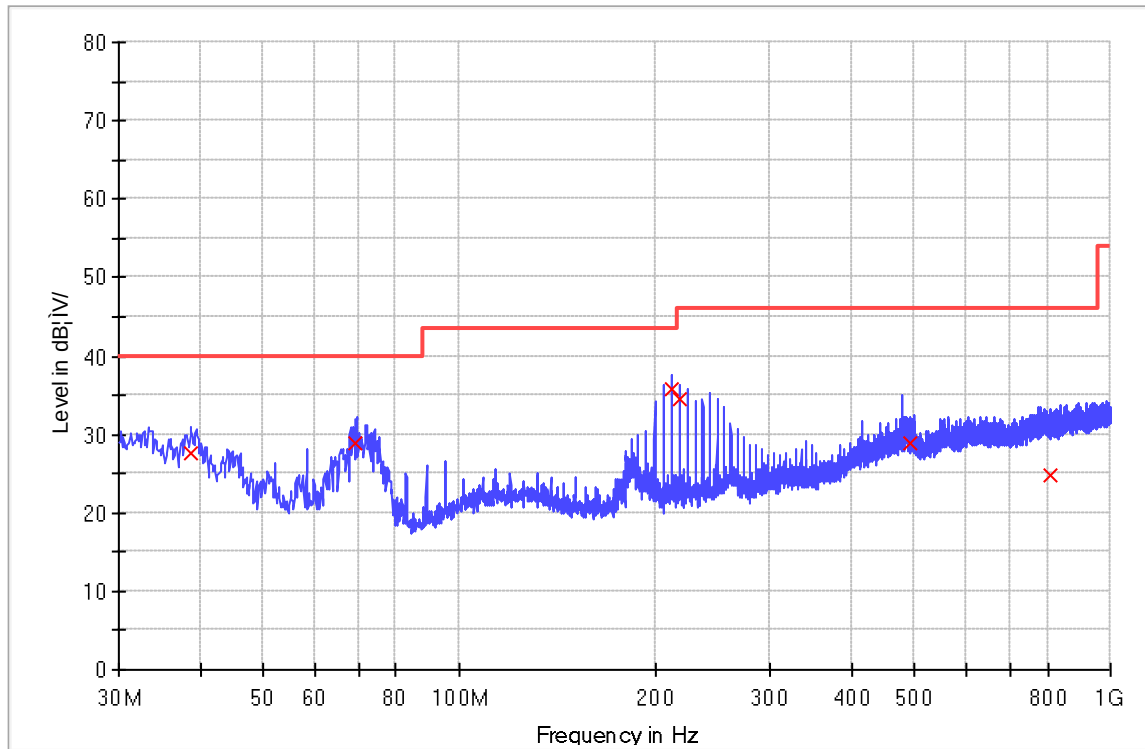


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.363750	21.8	H	25.2	18.2	40.0
69.527500	29.6	H	13.1	10.4	40.0
186.897500	22.1	H	15.8	21.4	43.5
217.937500	22.2	H	15.8	23.8	46.0
479.958750	31.5	H	24.6	14.5	46.0
820.065000	24.8	H	27.5	21.2	46.0

Figure 50: Radiated Spurious Emission, TM5, 30MHz to 1GHz, V

Radiated emission (30M-1 GHz) 1 sweep

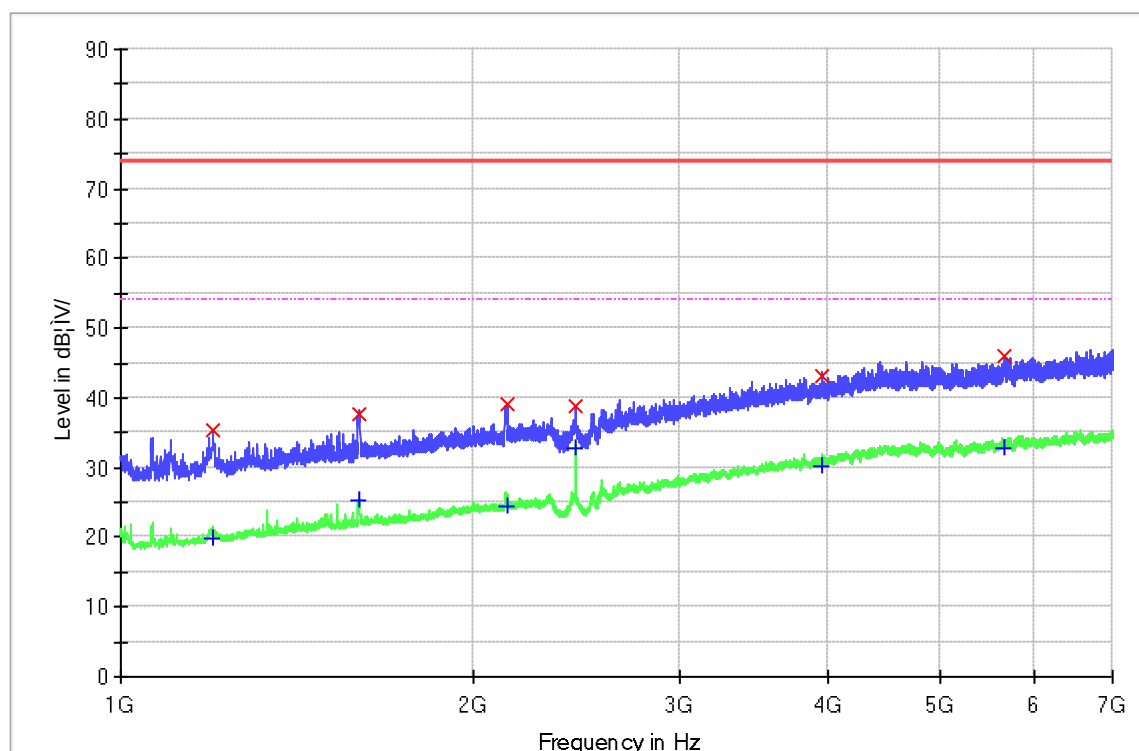


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
38.730000	27.6	V	20.7	12.4	40.0
69.406250	28.9	V	13.1	11.1	40.0
211.996250	35.9	V	15.9	7.6	43.5
218.058750	34.5	V	15.8	11.5	46.0
491.962500	28.8	V	24.9	17.2	46.0
808.667500	24.7	V	27.5	21.3	46.0

Figure 51: Radiated Spurious Emission, TM5, 1GHz to 7GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

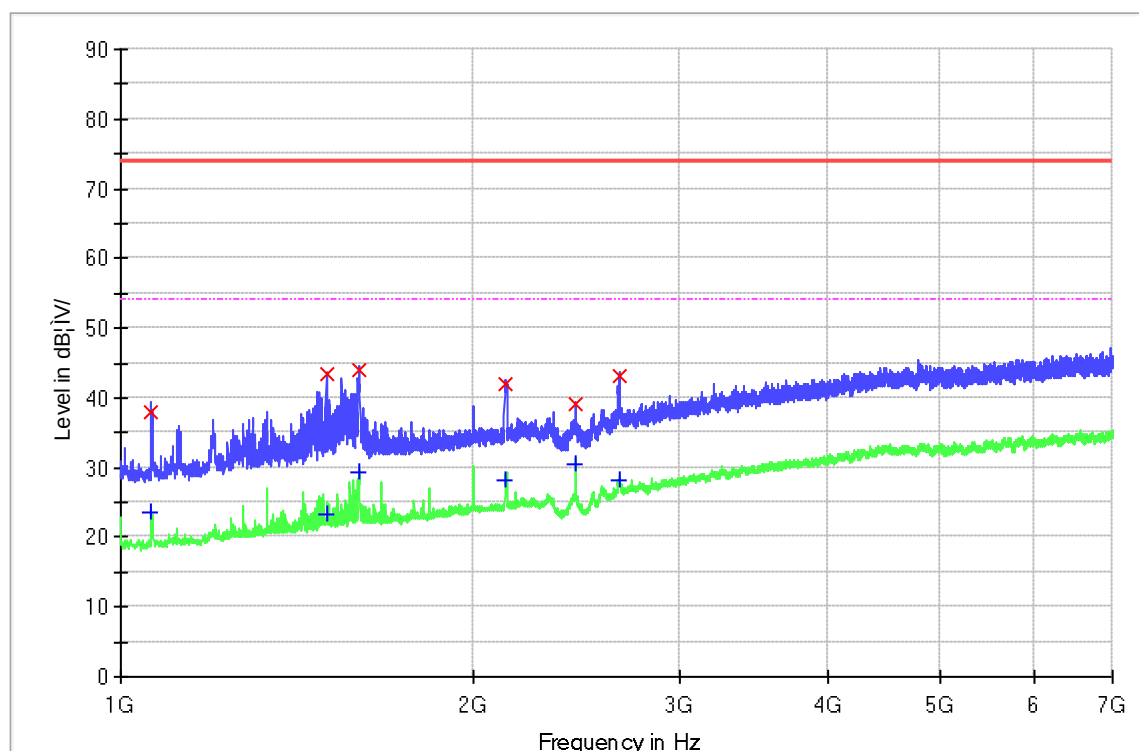
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1197.500000	35.4	H	-21.3	38.6	74.0
1597.500000	37.6	H	-18.3	36.4	74.0
2132.500000	39.0	H	-15.7	35.0	74.0
2440.000000	38.9	H	-14.3	35.1	74.0
3961.000000	43.0	H	-8.5	31.0	74.0
5666.500000	46.0	H	-5.6	28.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1197.500000	19.9	H	-21.3	34.1	54.0
1597.500000	25.3	H	-18.3	28.7	54.0
2132.500000	24.5	H	-15.7	29.5	54.0
2440.000000	32.9	H	-14.3	21.1	54.0
3961.000000	30.1	H	-8.5	23.9	54.0
5666.500000	32.7	H	-5.6	21.3	54.0

Figure 52: Radiated Spurious Emission, TM5, 1GHz to 7GHz, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

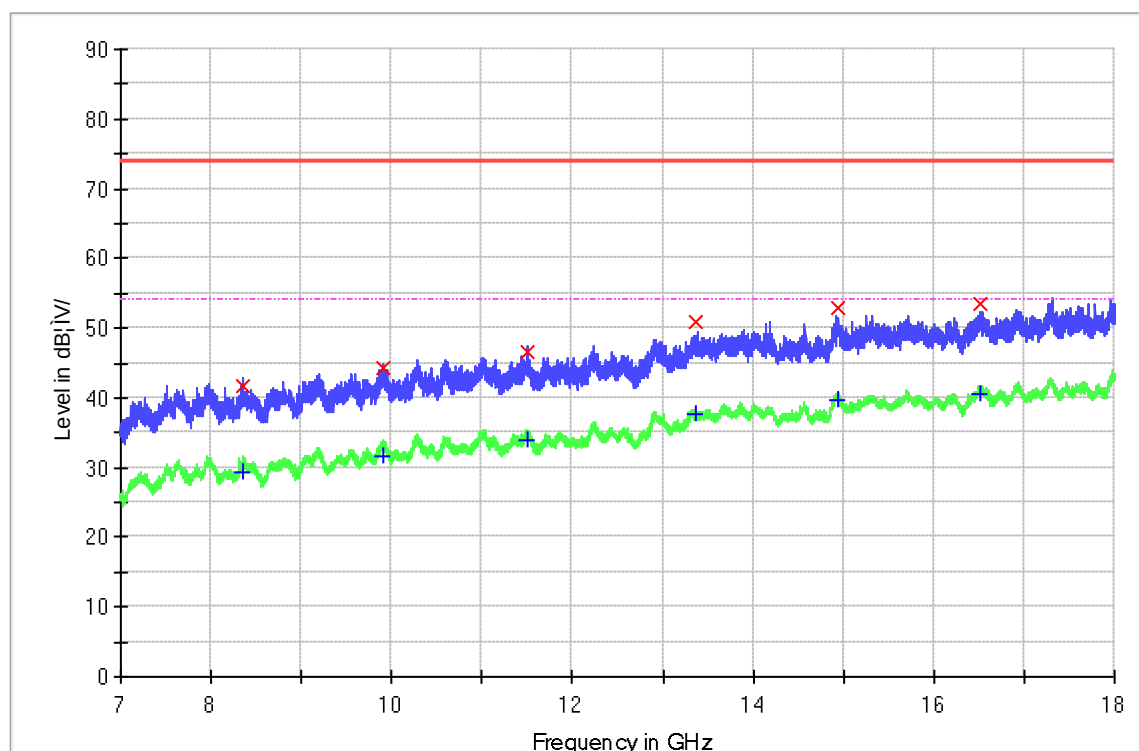
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1062.000000	38.1	V	-22.1	35.9	74.0
1496.500000	43.3	V	-18.9	30.7	74.0
1596.000000	44.0	V	-18.3	30.0	74.0
2123.500000	42.1	V	-15.8	31.9	74.0
2440.000000	39.0	V	-14.3	35.0	74.0
2658.500000	43.2	V	-13.3	30.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1062.000000	23.6	V	-22.1	30.4	54.0
1496.500000	23.3	V	-18.9	30.7	54.0
1596.000000	29.3	V	-18.3	24.7	54.0
2123.500000	28.3	V	-15.8	25.7	54.0
2440.000000	30.6	V	-14.3	23.4	54.0
2658.500000	28.1	V	-13.3	25.9	54.0

Figure 53: Radiated Spurious Emission, TM5, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

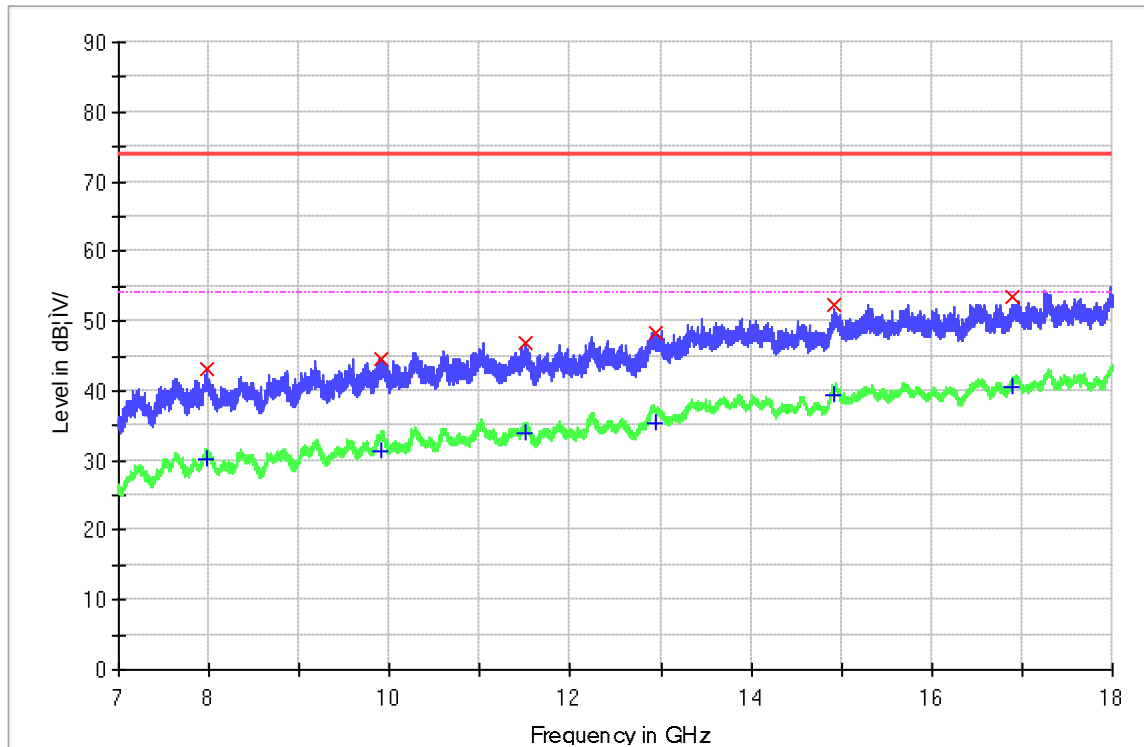
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
8344.750000	41.7	H	-2.6	32.3	74.0
9906.750000	44.2	H	-0.1	29.8	74.0
11497.166667	46.5	H	1.5	27.5	74.0
13367.166667	50.8	H	2.9	23.2	74.0
14947.500000	52.9	H	5.6	21.1	74.0
16520.500000	53.6	H	7.3	20.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
8344.750000	29.4	H	-2.6	24.6	54.0
9906.750000	31.6	H	-0.1	22.4	54.0
11497.166667	34.0	H	1.5	20.0	54.0
13367.166667	37.7	H	2.9	16.3	54.0
14947.500000	39.6	H	5.6	14.4	54.0
16520.500000	40.6	H	7.3	13.4	54.0

Figure 54: Radiated Spurious Emission, TM5, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

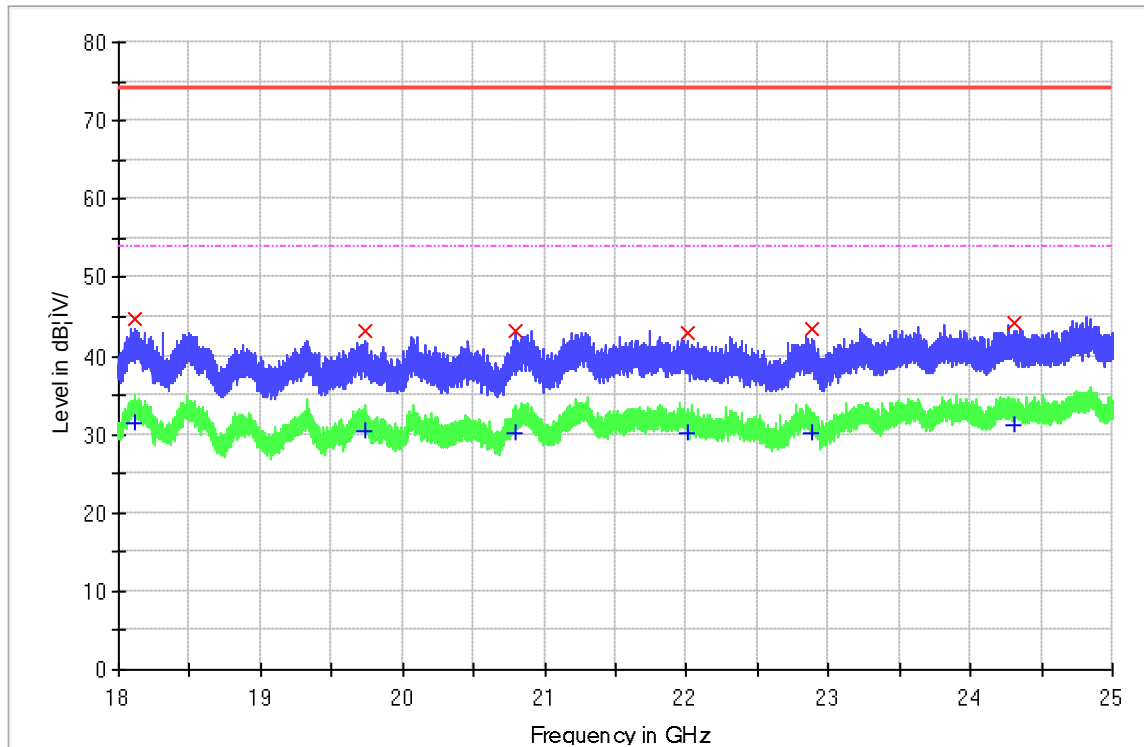
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7978.083333	43.2	V	-3.0	30.8	74.0
9894.833333	44.5	V	-0.1	29.5	74.0
11497.166667	47.0	V	1.5	27.0	74.0
12940.916667	48.4	V	3.3	25.6	74.0
14923.666667	52.2	V	5.9	21.8	74.0
16887.166667	53.4	V	7.6	20.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7978.083333	30.3	V	-3.0	23.7	54.0
9894.833333	31.4	V	-0.1	22.6	54.0
11497.166667	34.0	V	1.5	20.0	54.0
12940.916667	35.5	V	3.3	18.5	54.0
14923.666667	39.3	V	5.9	14.7	54.0
16887.166667	40.4	V	7.6	13.6	54.0

Figure 55: Radiated Spurious Emission, TM5, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

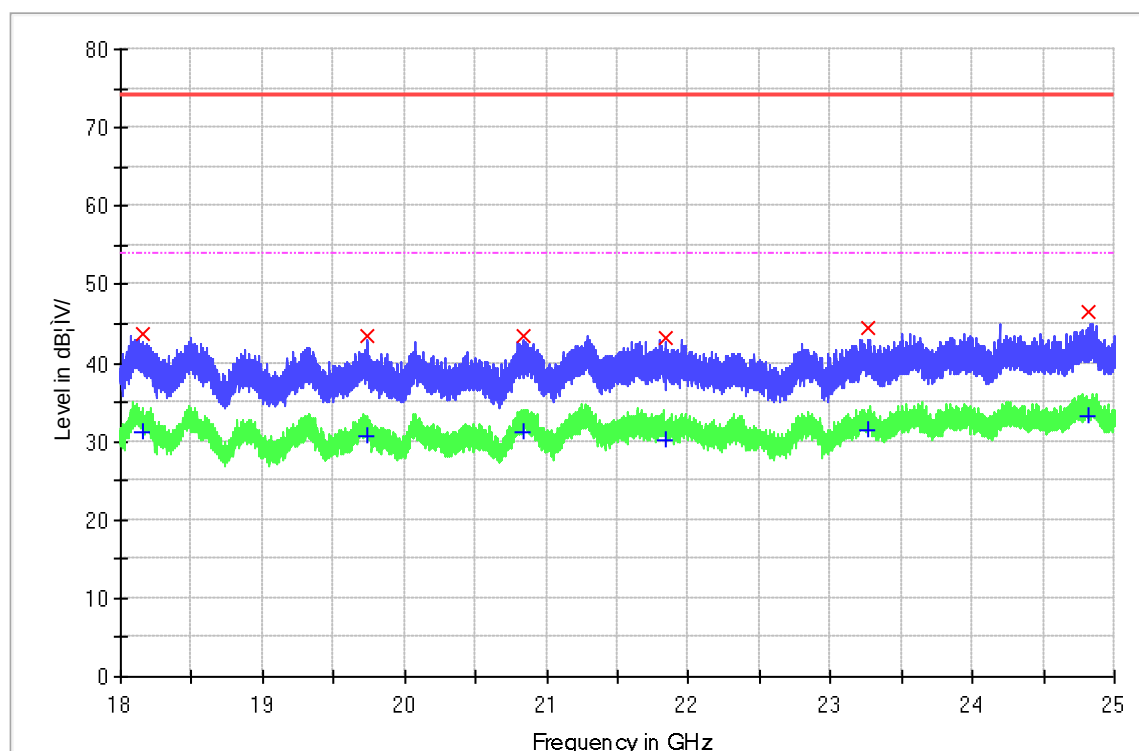
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18119.218750	44.7	H	-8.8	29.3	74.0
19730.312500	43.2	H	-8.5	30.8	74.0
20796.937500	43.2	H	-7.4	30.8	74.0
22007.500000	42.9	H	-5.9	31.1	74.0
22880.968750	43.4	H	-5.8	30.6	74.0
24305.250000	44.2	H	-4.0	29.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18119.218750	31.4	H	-8.8	22.6	54.0
19730.312500	30.5	H	-8.5	23.5	54.0
20796.937500	30.2	H	-7.4	23.8	54.0
22007.500000	30.1	H	-5.9	23.9	54.0
22880.968750	30.3	H	-5.8	23.7	54.0
24305.250000	31.1	H	-4.0	22.9	54.0

Figure 56: Radiated Spurious Emission, TM5, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

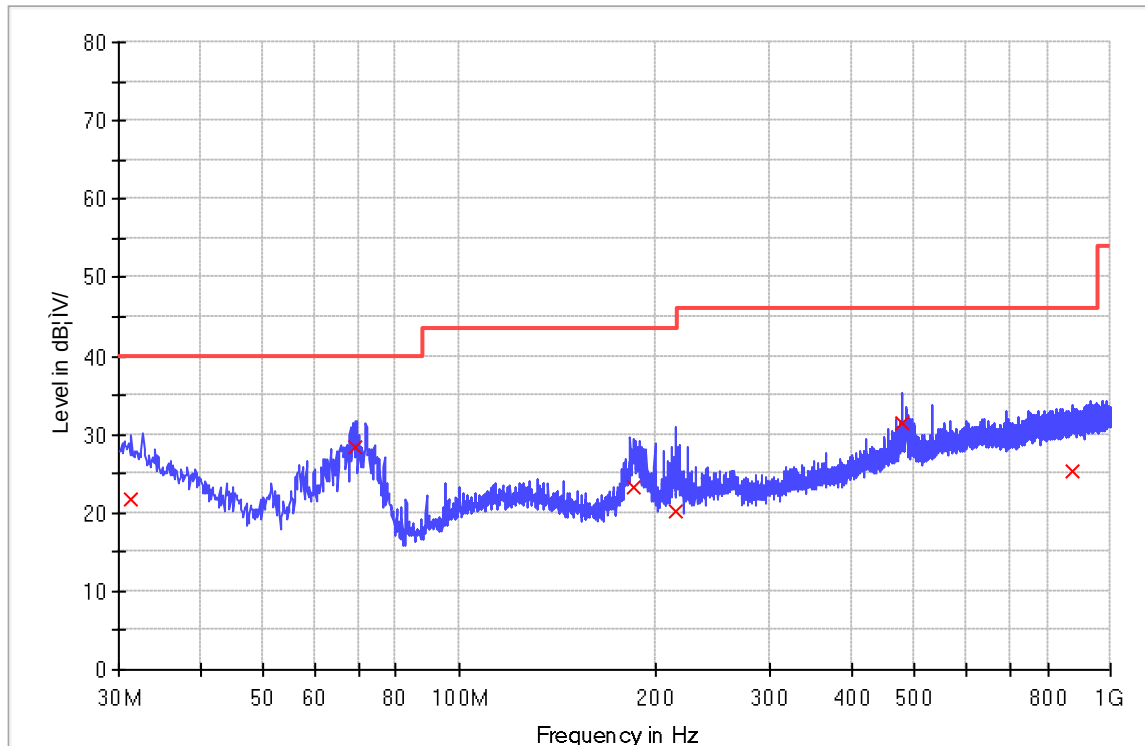
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18150.718750	43.7	V	-8.8	30.3	74.0
19729.656250	43.6	V	-8.5	30.4	74.0
20839.812500	43.6	V	-7.3	30.4	74.0
21843.656250	43.1	V	-5.9	30.9	74.0
23259.843750	44.4	V	-4.8	29.6	74.0
24813.843750	46.5	V	-3.4	27.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18150.718750	31.2	V	-8.8	22.8	54.0
19729.656250	30.7	V	-8.5	23.3	54.0
20839.812500	31.3	V	-7.3	22.7	54.0
21843.656250	30.1	V	-5.9	23.9	54.0
23259.843750	31.5	V	-4.8	22.5	54.0
24813.843750	33.3	V	-3.4	20.7	54.0

Figure 57: Radiated Spurious Emission, TM6, 30MHz to 1GHz, H

Radiated emission (30M-1 GHz) 1 sweep

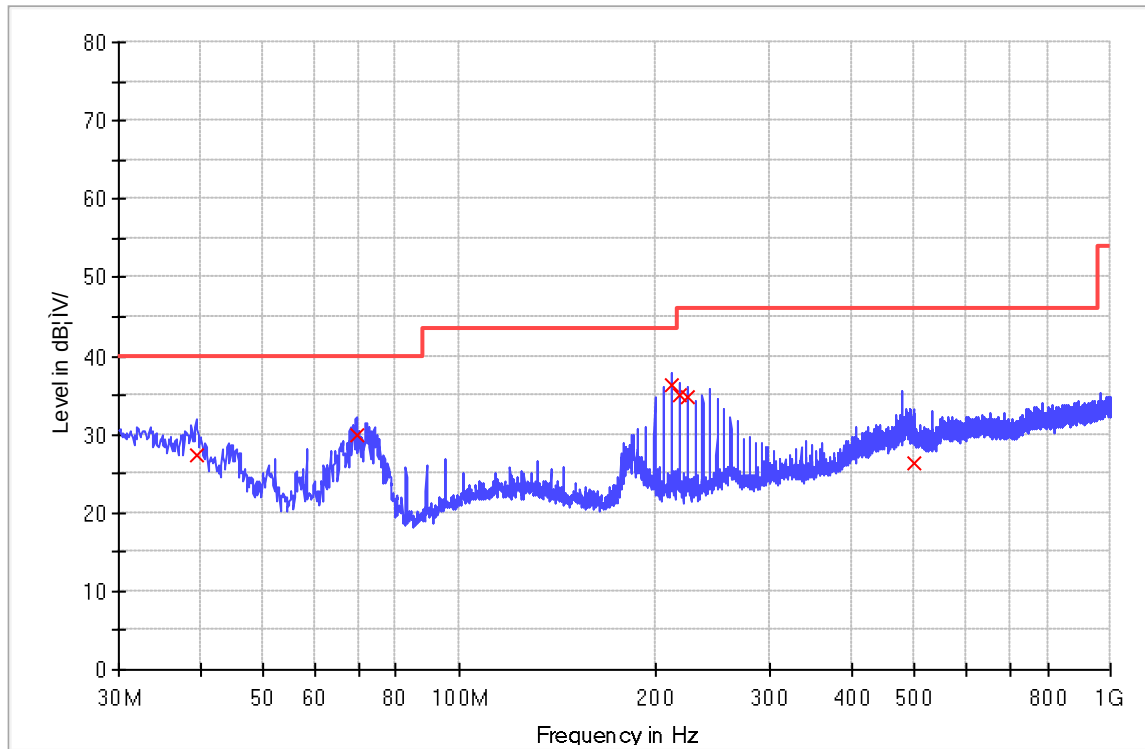


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	21.7	H	24.8	18.3	40.0
69.406250	28.4	H	13.1	11.6	40.0
185.078750	23.2	H	15.8	20.3	43.5
214.421250	20.2	H	15.7	23.3	43.5
479.958750	31.4	H	24.6	14.6	46.0
873.172500	25.4	H	28.0	20.6	46.0

Figure 58: Radiated Spurious Emission, TM6, 30MHz to 1GHz, V

Radiated emission (30M-1 GHz) 1 sweep

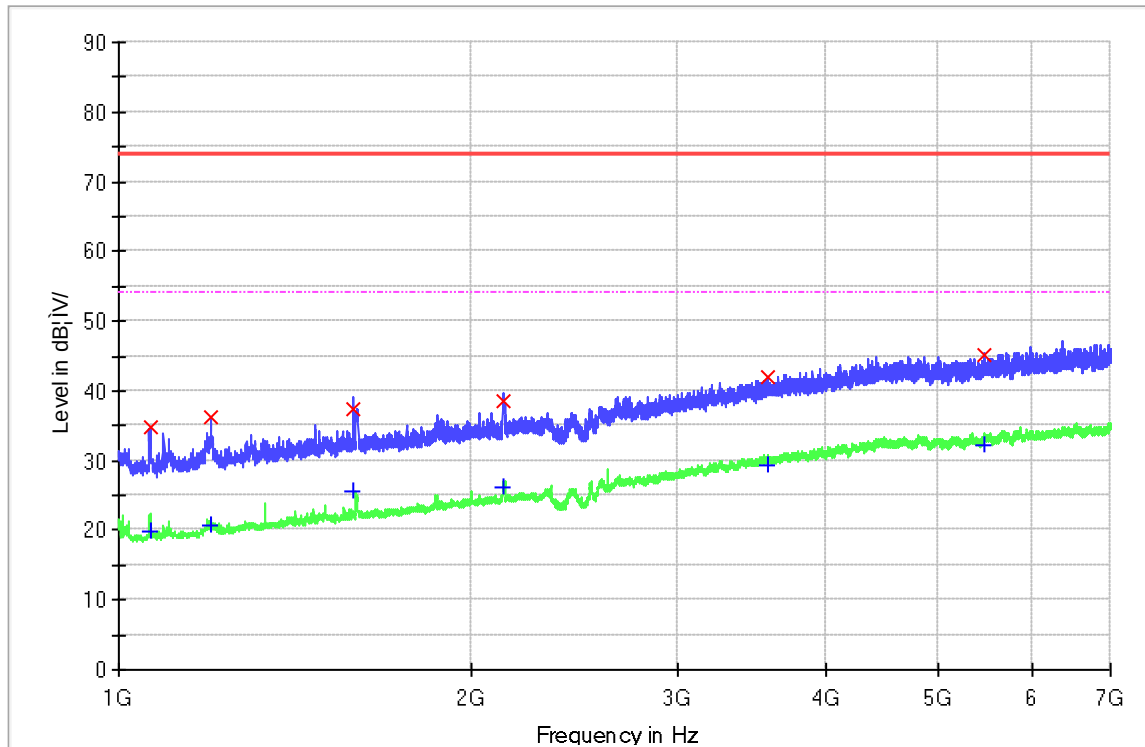


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
39.457500	27.2	V	20.3	12.8	40.0
69.527500	30.0	V	13.1	10.0	40.0
211.875000	36.3	V	15.9	7.2	43.5
218.058750	35.1	V	15.8	10.9	46.0
224.242500	34.7	V	16.3	11.3	46.0
497.782500	26.2	V	25.0	19.8	46.0

Figure 59: Radiated Spurious Emission, TM6, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

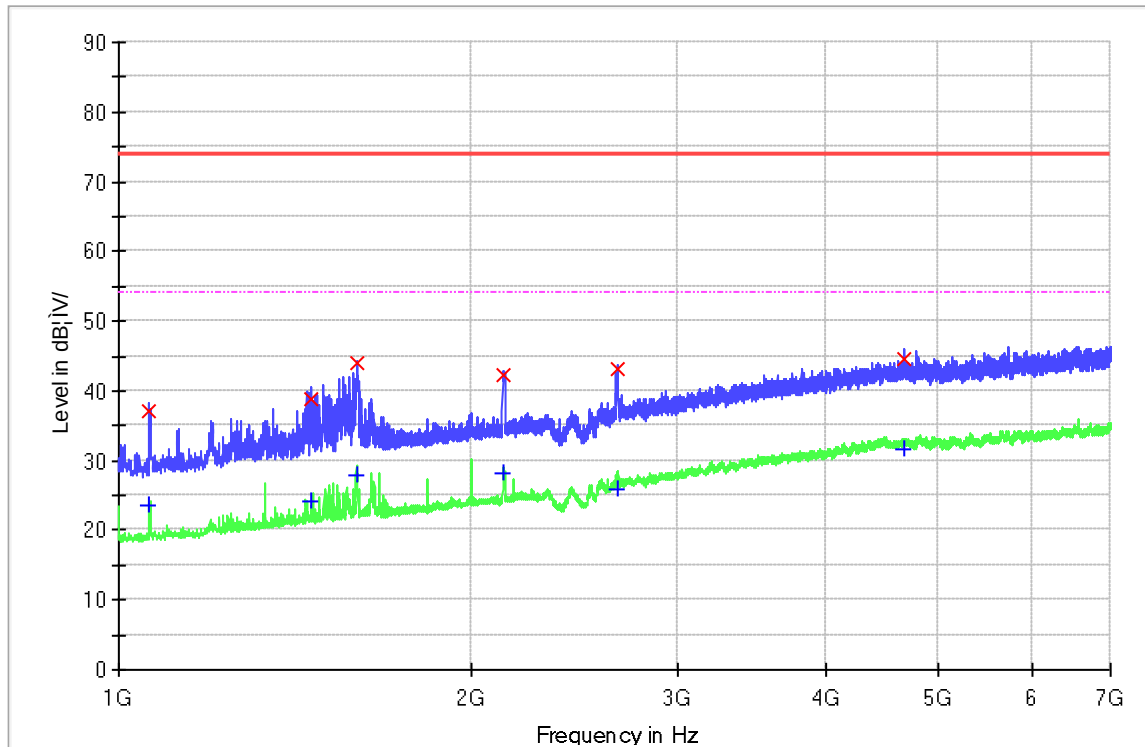
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1065.500000	34.8	H	-22.1	39.2	74.0
1199.500000	36.3	H	-21.2	37.7	74.0
1583.000000	37.3	H	-18.4	36.7	74.0
2127.500000	38.5	H	-15.8	35.5	74.0
3569.500000	42.1	H	-9.3	31.9	74.0
5466.500000	45.1	H	-5.8	28.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1065.500000	19.9	H	-22.1	34.1	54.0
1199.500000	20.7	H	-21.2	33.3	54.0
1583.000000	25.6	H	-18.4	28.4	54.0
2127.500000	26.3	H	-15.8	27.7	54.0
3569.500000	29.2	H	-9.3	24.8	54.0
5466.500000	32.2	H	-5.8	21.8	54.0

Figure 60: Radiated Spurious Emission, TM6, 1GHz to 7GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

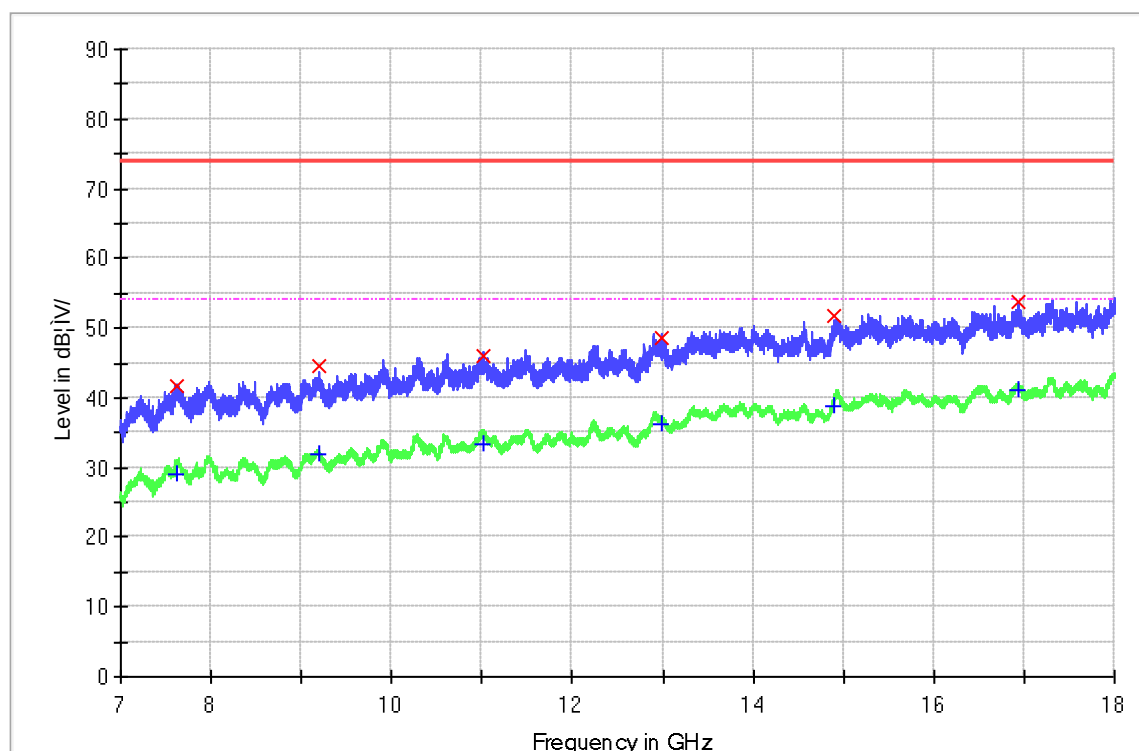
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1061.000000	37.2	V	-22.1	36.8	74.0
1458.500000	38.9	V	-19.2	35.1	74.0
1596.500000	44.0	V	-18.3	30.0	74.0
2123.500000	42.2	V	-15.8	31.8	74.0
2663.000000	43.2	V	-13.3	30.8	74.0
4675.000000	44.5	V	-6.5	29.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1061.000000	23.6	V	-22.1	30.4	54.0
1458.500000	24.1	V	-19.2	29.9	54.0
1596.500000	27.9	V	-18.3	26.1	54.0
2123.500000	28.3	V	-15.8	25.7	54.0
2663.000000	26.0	V	-13.3	28.0	54.0
4675.000000	31.8	V	-6.5	22.2	54.0

Figure 61: Radiated Spurious Emission, TM6, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

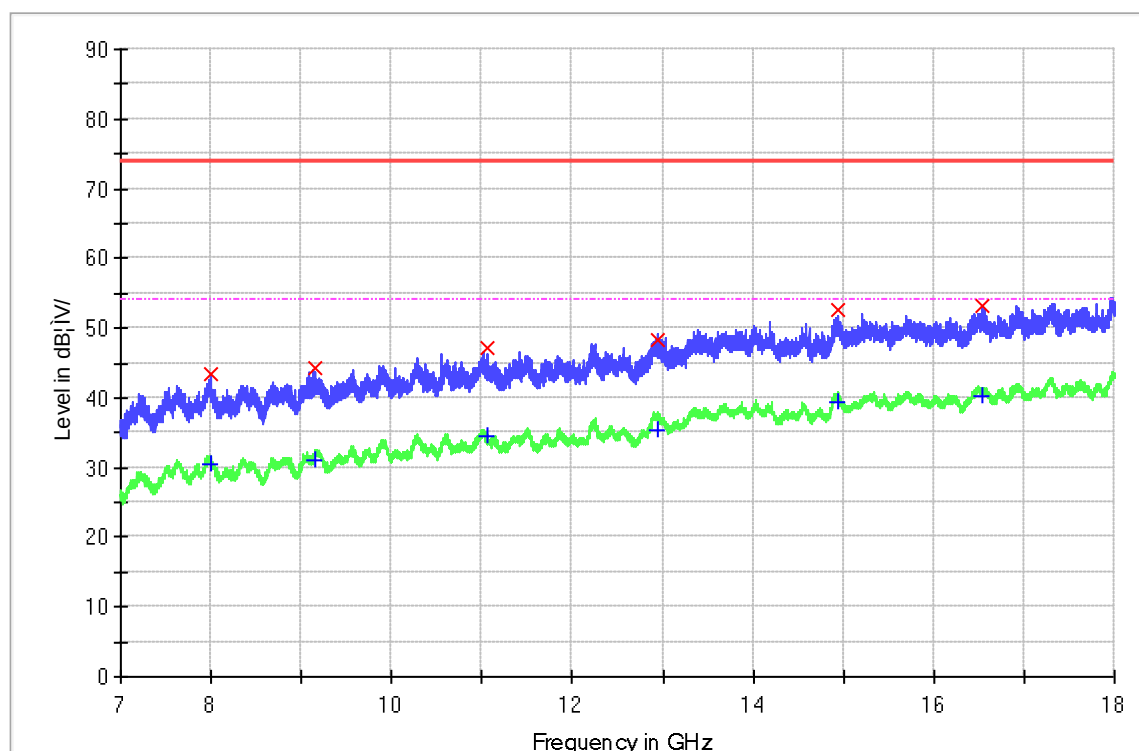
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7610.500000	41.6	H	-3.2	32.4	74.0
9190.833333	44.6	H	-0.8	29.4	74.0
11003.083333	45.9	H	1.0	28.1	74.0
12982.166667	48.7	H	2.9	25.3	74.0
14905.333333	51.7	H	5.9	22.3	74.0
16944.916667	53.8	H	7.7	20.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7610.500000	29.0	H	-3.2	25.0	54.0
9190.833333	32.0	H	-0.8	22.0	54.0
11003.083333	33.2	H	1.0	20.8	54.0
12982.166667	36.1	H	2.9	17.9	54.0
14905.333333	38.9	H	5.9	15.1	54.0
16944.916667	41.0	H	7.7	13.0	54.0

Figure 62: Radiated Spurious Emission, TM6, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre


Limit and Margin PK

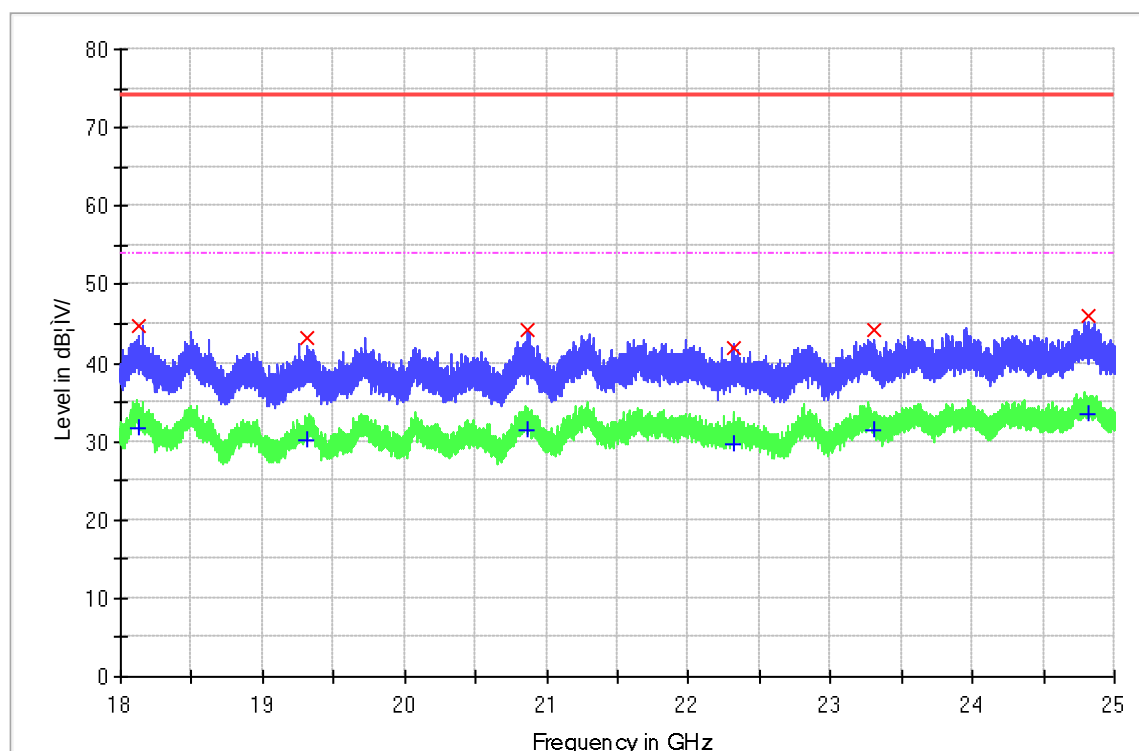
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7997.333333	43.3	V	-3.1	30.7	74.0
9145.916667	44.3	V	-1.0	29.7	74.0
11053.500000	47.1	V	0.8	26.9	74.0
12940.916667	48.2	V	3.3	25.8	74.0
14935.583333	52.7	V	5.8	21.3	74.0
16527.833333	53.2	V	7.3	20.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7997.333333	30.5	V	-3.1	23.5	54.0
9145.916667	31.0	V	-1.0	23.0	54.0
11053.500000	34.5	V	0.8	19.5	54.0
12940.916667	35.5	V	3.3	18.5	54.0
14935.583333	39.5	V	5.8	14.5	54.0
16527.833333	40.3	V	7.3	13.7	54.0

Figure 63: Radiated Spurious Emission, TM6, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

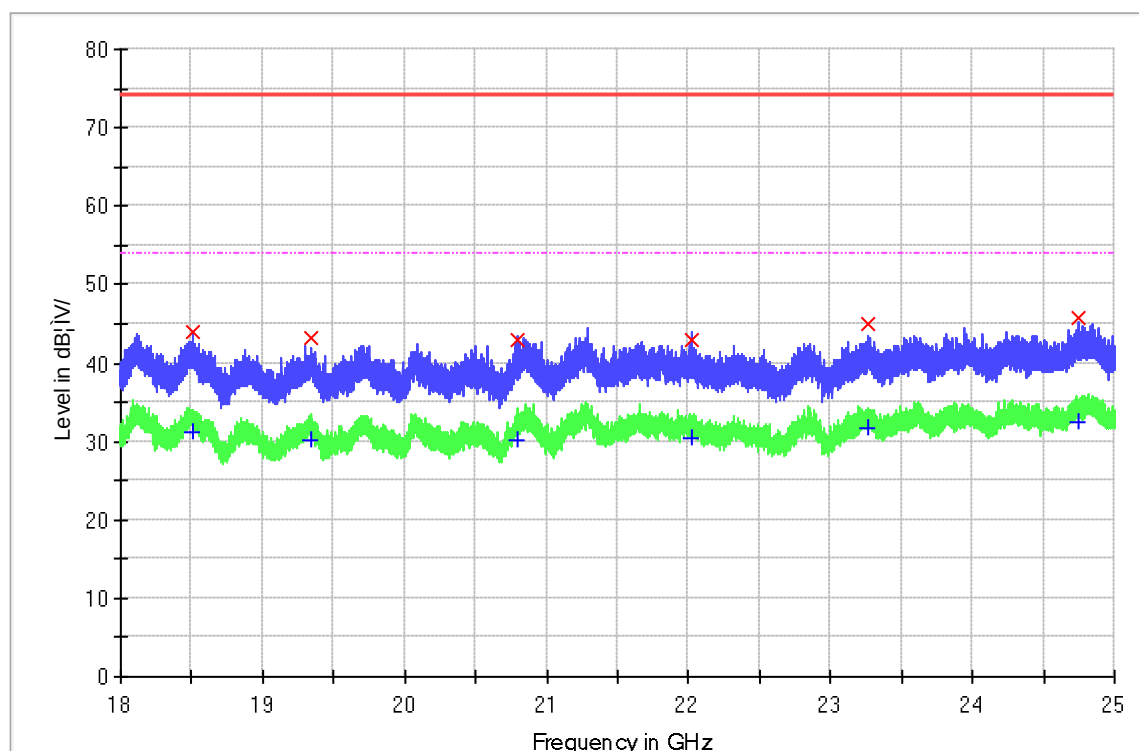
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18127.531250	44.8	H	-8.8	29.2	74.0
19317.093750	43.1	H	-9.3	30.9	74.0
20861.687500	44.2	H	-7.2	29.8	74.0
22319.218750	41.9	H	-6.5	32.1	74.0
23313.000000	44.3	H	-4.7	29.7	74.0
24810.125000	46.0	H	-3.4	28.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18127.531250	31.6	H	-8.8	22.4	54.0
19317.093750	30.1	H	-9.3	23.9	54.0
20861.687500	31.4	H	-7.2	22.6	54.0
22319.218750	29.5	H	-6.5	24.5	54.0
23313.000000	31.4	H	-4.7	22.6	54.0
24810.125000	33.6	H	-3.4	20.4	54.0

Figure 64: Radiated Spurious Emission, TM6, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre


Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
18509.468750	43.9	V	-9.3	30.1	74.0
19336.562500	43.3	V	-9.3	30.7	74.0
20789.500000	42.9	V	-7.4	31.1	74.0
22016.687500	42.9	V	-5.9	31.1	74.0
23270.343750	45.0	V	-4.8	29.0	74.0
24750.406250	45.8	V	-3.5	28.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18509.468750	31.2	V	-9.3	22.8	54.0
19336.562500	30.2	V	-9.3	23.8	54.0
20789.500000	30.2	V	-7.4	23.8	54.0
22016.687500	30.3	V	-5.9	23.7	54.0
23270.343750	31.6	V	-4.8	22.4	54.0
24750.406250	32.6	V	-3.5	21.4	54.0

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