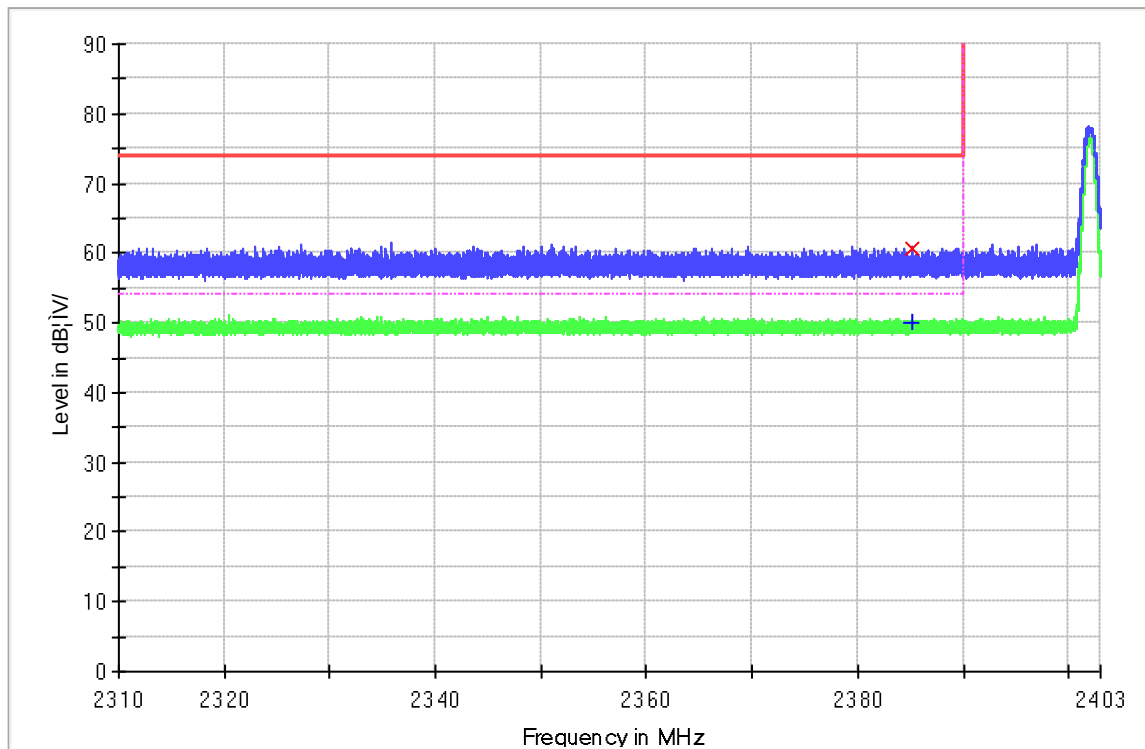


Figure 10: Radiated Band-Edge, TM1, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

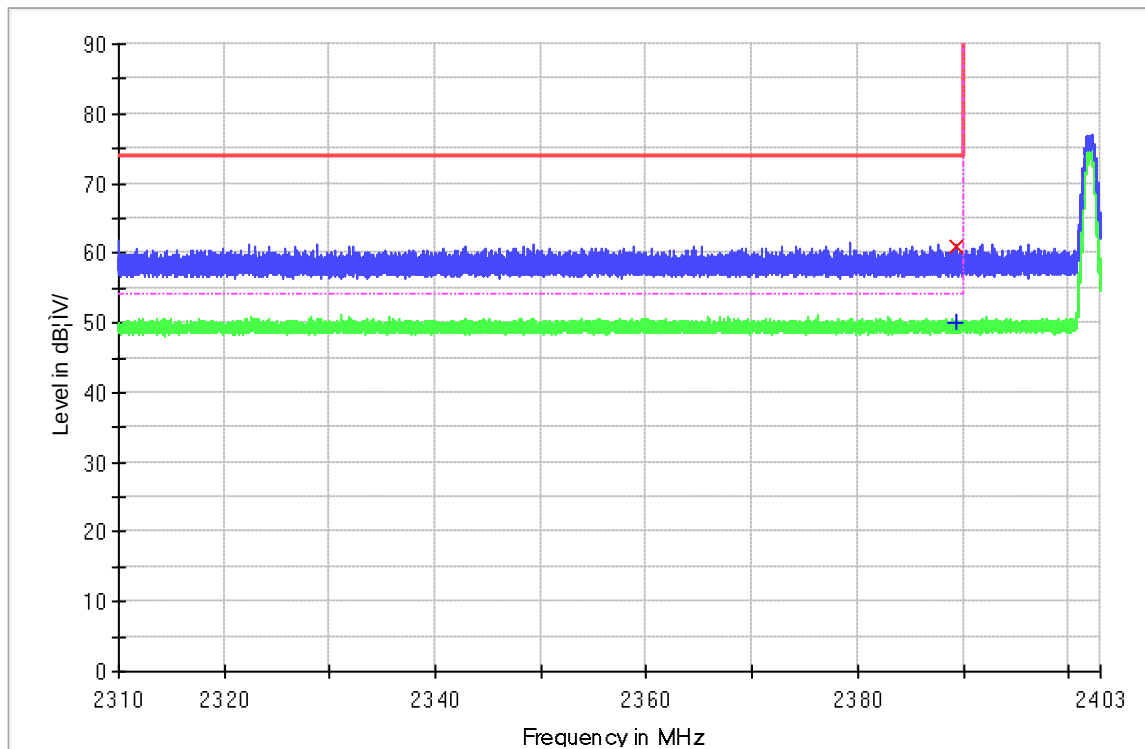
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2385.225375	60.6	H	33.7	13.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2385.225375	49.9	H	33.7	4.1	54.0

Figure 11: Radiated Band-Edge, TM1, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

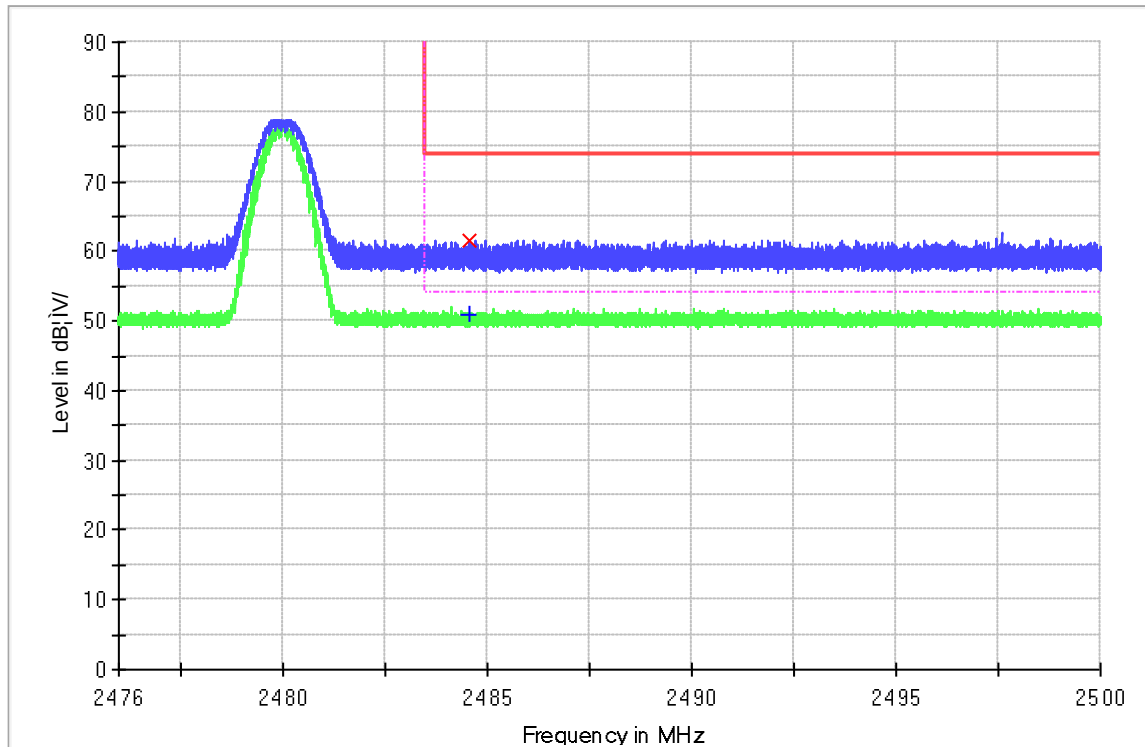
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2389.326094	60.8	V	33.7	13.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2389.326094	49.9	V	33.7	4.1	54.0

Figure 12: Radiated Band-Edge, TM3, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

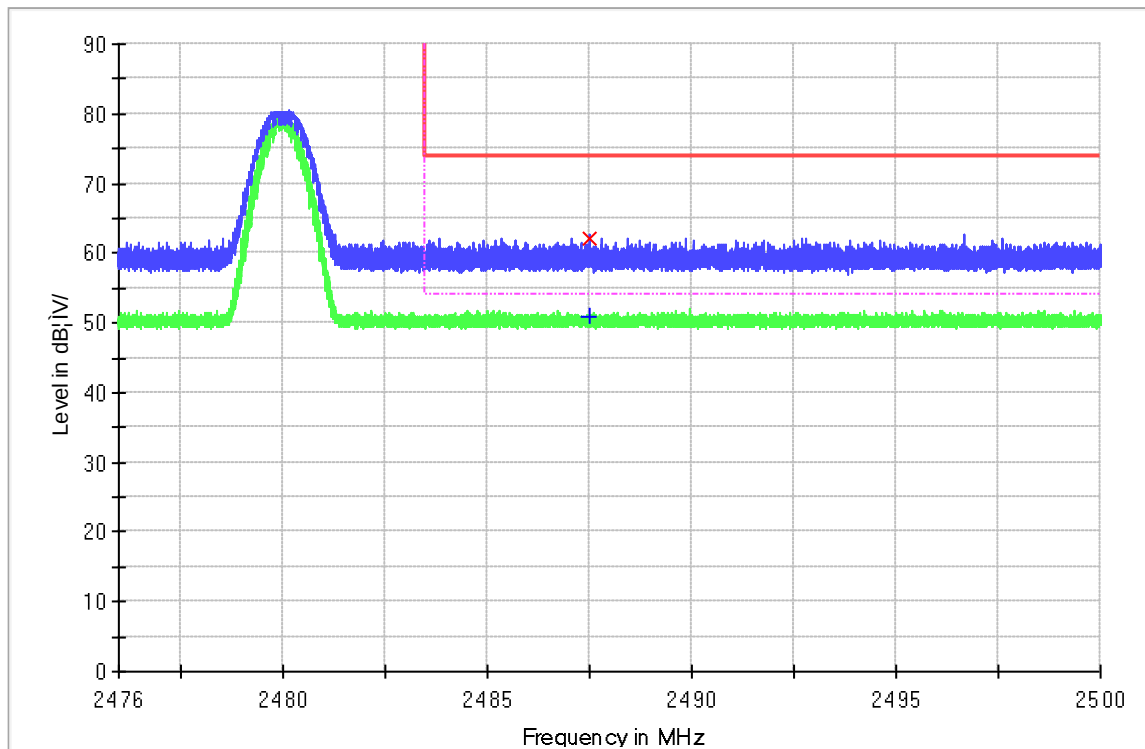
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2484.594250	61.5	H	34.1	12.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2484.594250	50.8	H	34.1	3.2	54.0

Figure 13: Radiated Band-Edge, TM3, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

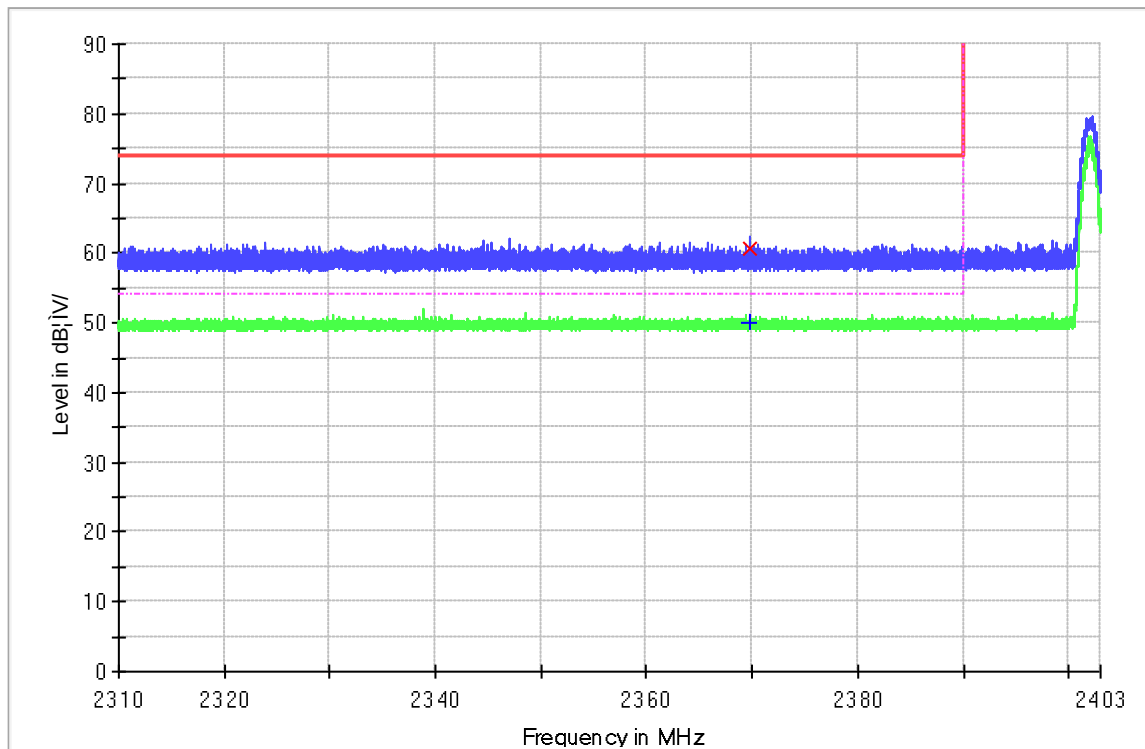
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2487.529750	62.2	V	34.1	11.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2487.529750	50.8	V	34.1	3.2	54.0

Figure 14: Radiated Band-Edge, TM4, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

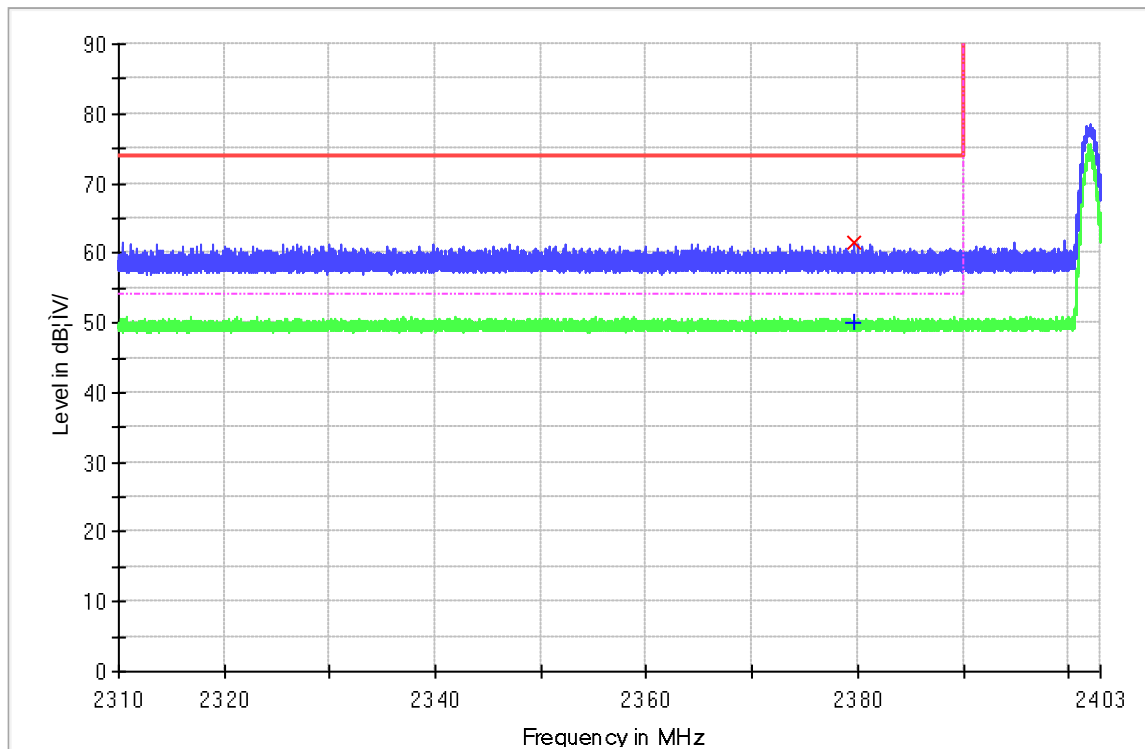
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2369.877469	60.6	H	33.6	13.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2369.877469	50.1	H	33.6	3.9	54.0

Figure 15: Radiated Band-Edge, TM4, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

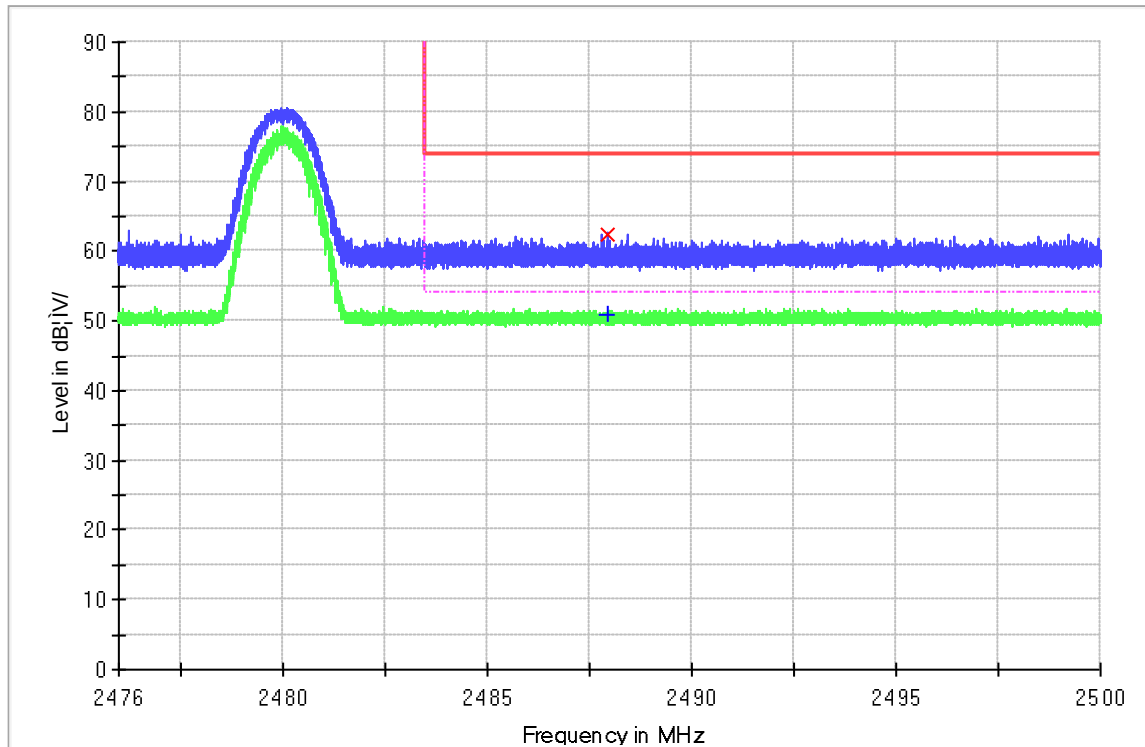
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2379.604688	61.6	V	33.6	12.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2379.604688	49.9	V	33.6	4.1	54.0

Figure 16: Radiated Band-Edge, TM6, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

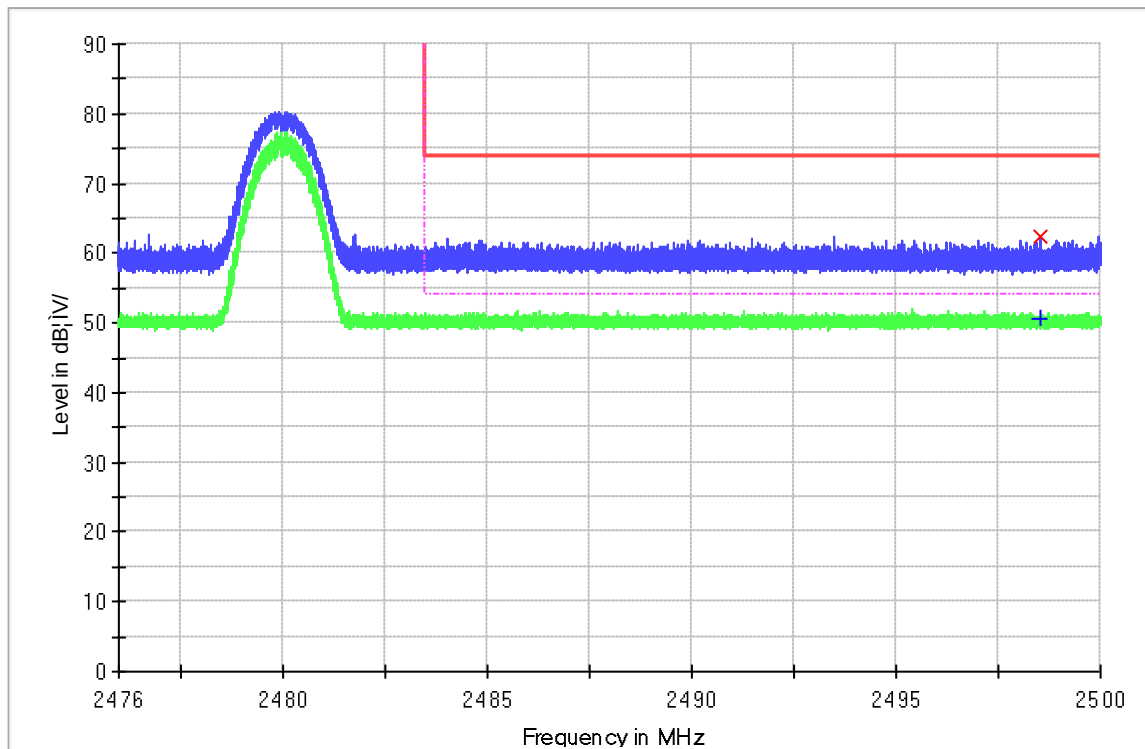
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2487.952750	62.3	H	34.1	11.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2487.952750	50.8	H	34.1	3.2	54.0

Figure 17: Radiated Band-Edge, TM6, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

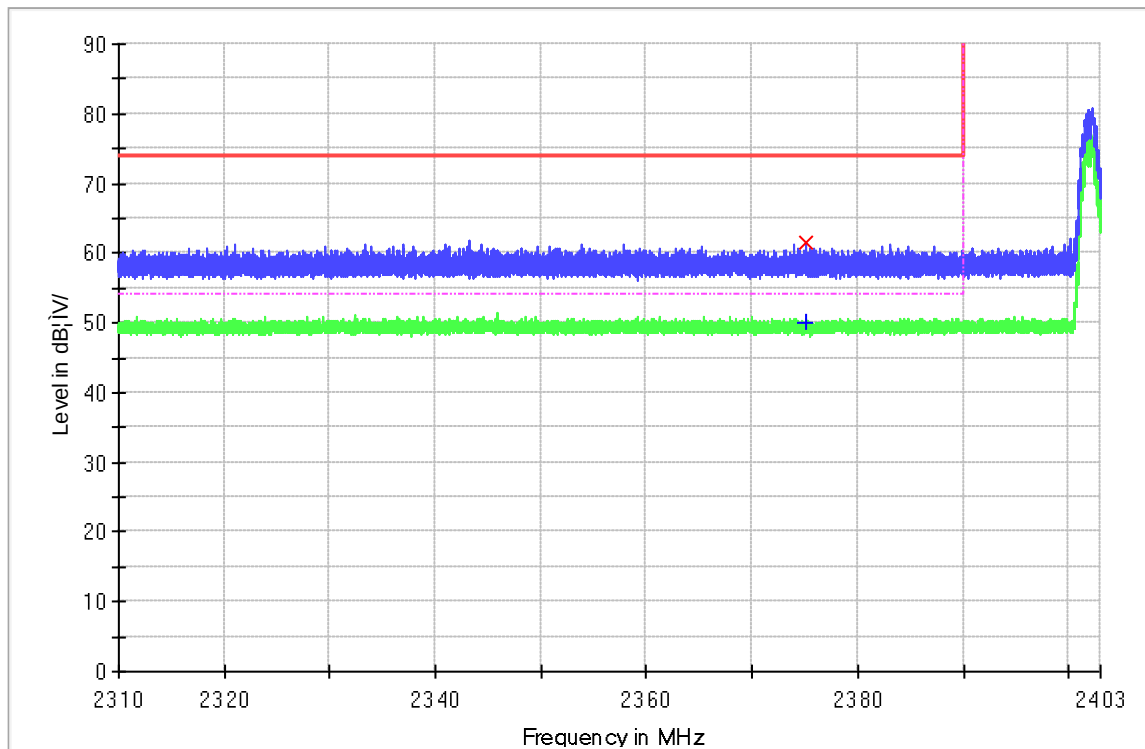
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2498.521000	62.3	V	34.1	11.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2498.521000	50.6	V	34.1	3.4	54.0

Figure 18: Radiated Band-Edge, TM7, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

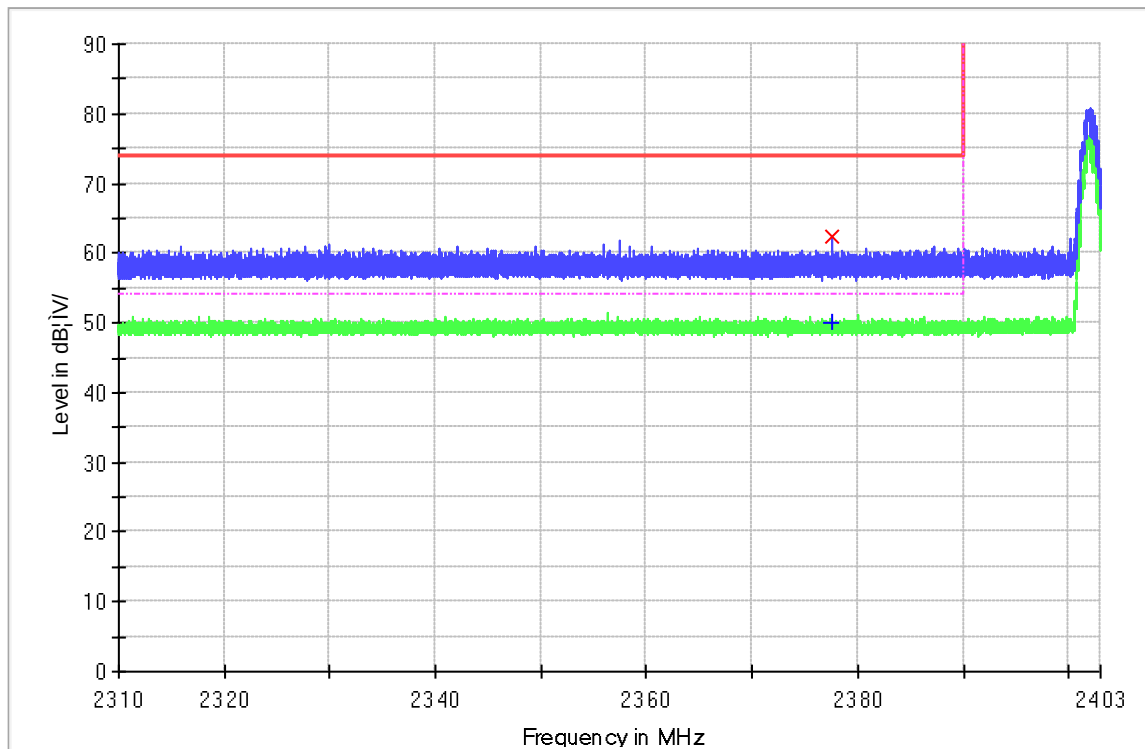
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2375.094188	61.4	H	33.6	12.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2375.094188	49.9	H	33.6	4.1	54.0

Figure 19: Radiated Band-Edge, TM7, V

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

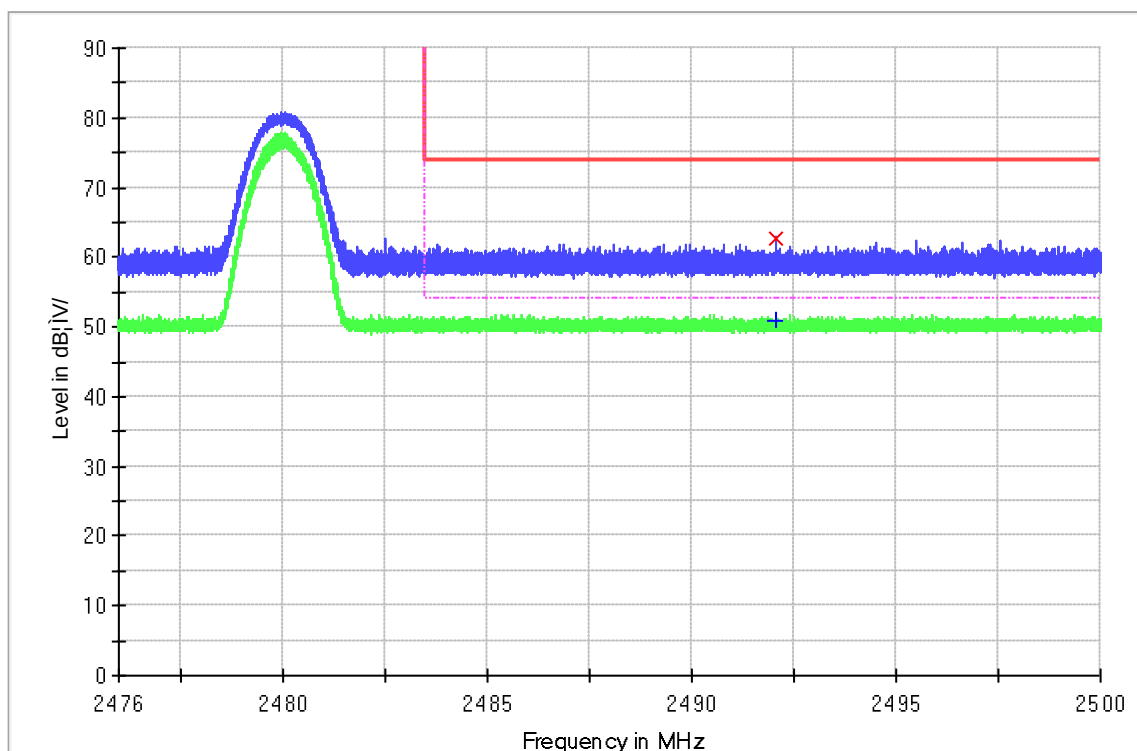
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2377.576125	62.3	V	33.6	11.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2377.576125	49.9	V	33.6	4.1	54.0

Figure 20: Radiated Band-Edge, TM9, H

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

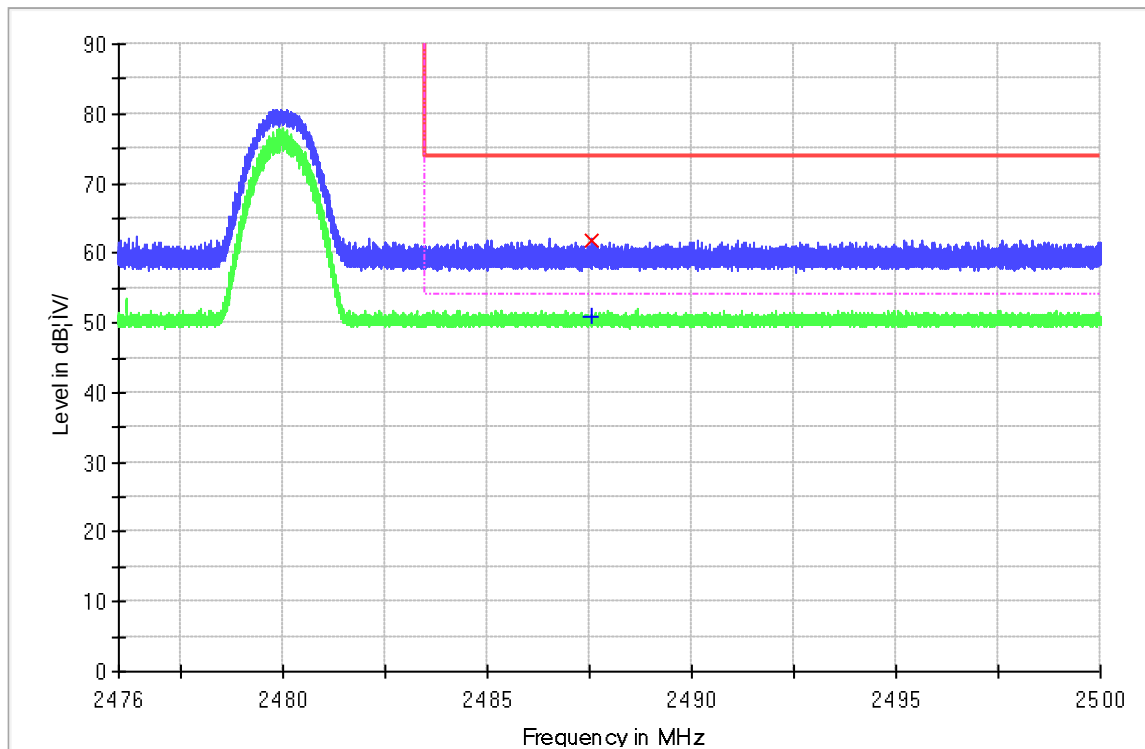
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2492.084500	62.7	H	34.1	11.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2492.084500	50.8	H	34.1	3.2	54.0

Figure 21: Radiated Band-Edge, TM9, 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)
2487.558250	61.9	V	34.1	12.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2487.558250	50.8	V	34.1	3.2	54.0

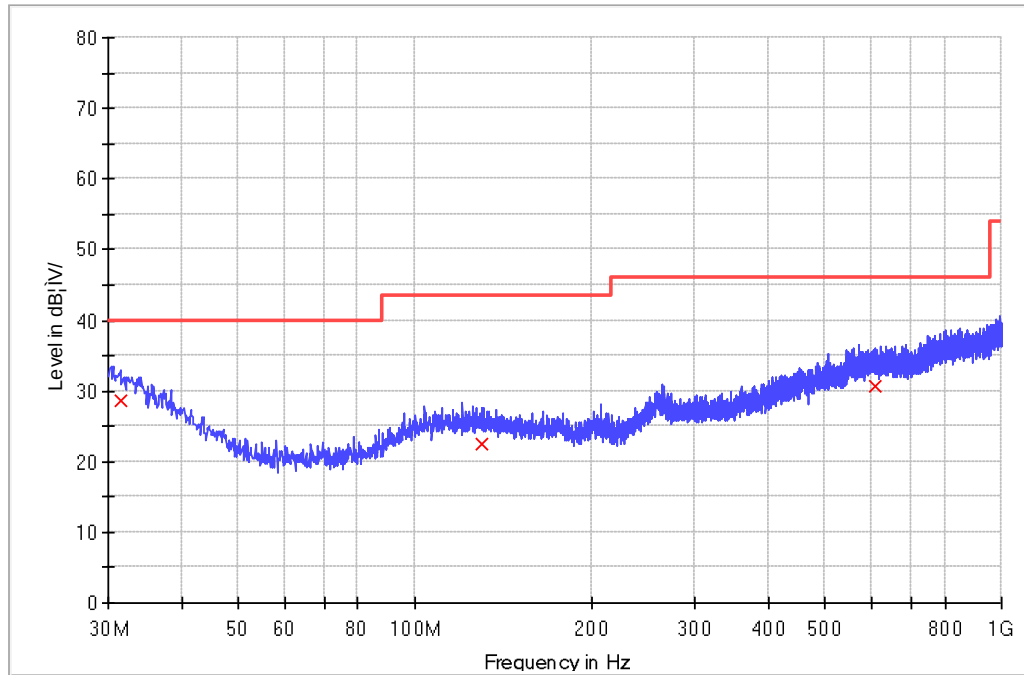
5.3.2 Radiated Spurious Emission

RESULT:**Pass**

Date of testing	:	2021-06-28~2021-07-06
Ambient temperature	:	23.1°C
Relative humidity	:	46.2%
Atmospheric pressure	:	101kPa
Test requirement	:	FCC Part 15.247(d) FCC Part 15.209(a) RSS-Gen Issue 5, Amendment 2, February 2021, Clause 8.9 RSS-247 Issue 2, February 2017, Clause 5.5
Test procedure	:	ANSI C63.10: 2013
Test voltage	:	DC 7.2V
Test modes applied	:	TM1 to TM9
Kind of test site	:	3m Anechoic Chamber

Figure 22: Radiated Spurious Emission, TM1, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

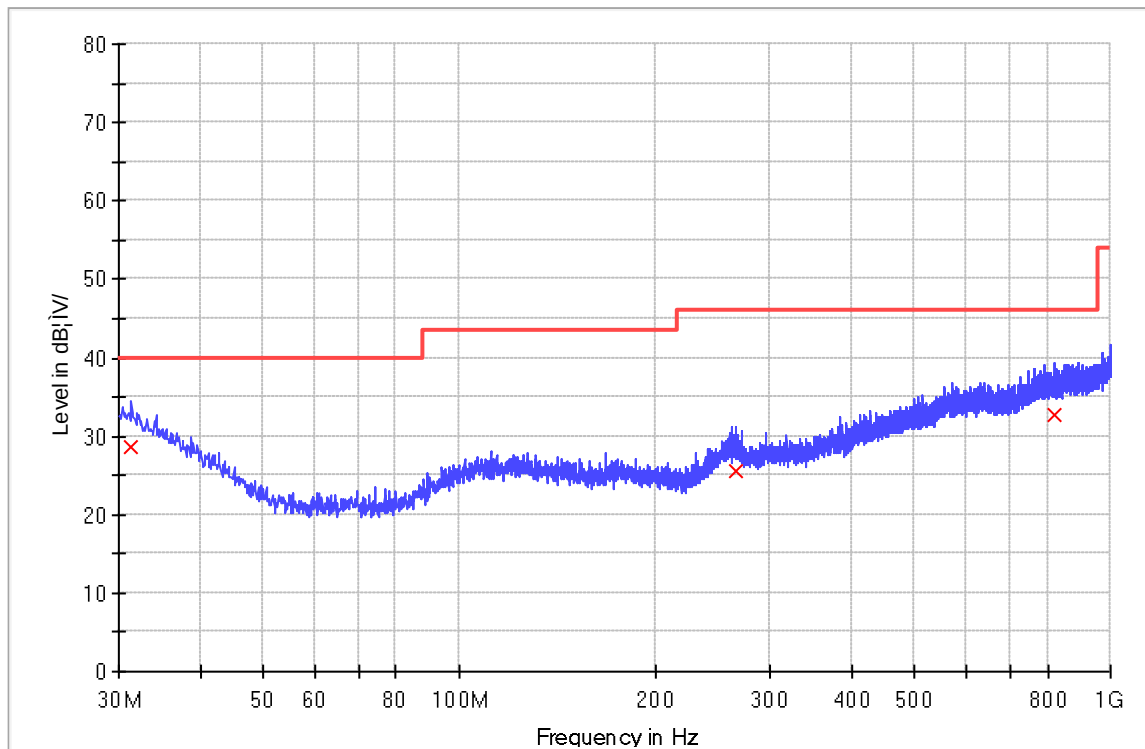


Limit and Margin

Frequency (MHz)	QuasiPeak (dBμV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
31.455000	28.7	H	24.7	11.3	40.0
130.152500	22.5	H	18.7	21.0	43.5
607.513750	30.7	H	26.2	15.3	46.0

Figure 23: Radiated Spurious Emission, TM1, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

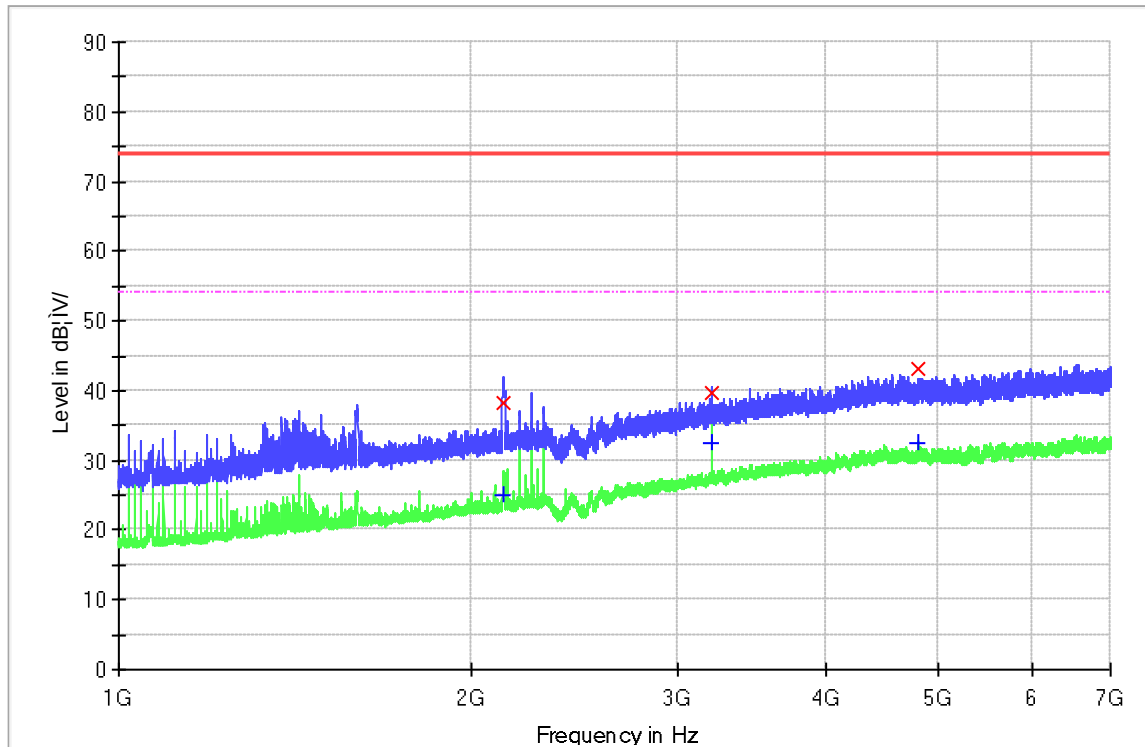


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	28.8	V	24.8	11.2	40.0
265.831250	25.6	V	20.5	20.4	46.0
821.883750	32.8	V	27.5	13.2	46.0

Figure 24: Radiated Spurious Emission, TM1, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

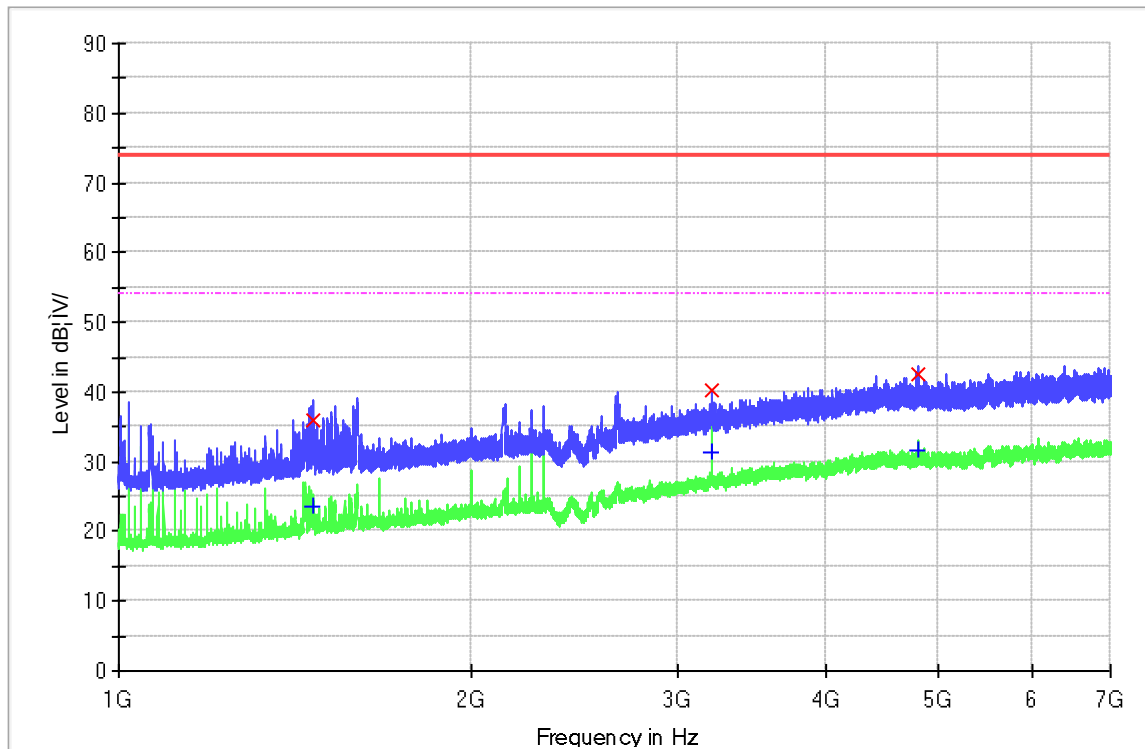
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2126.687500	38.3	H	-15.8	35.7	74.0
3202.750000	39.6	H	-10.8	34.4	74.0
4804.375000	43.0	H	-6.5	31.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2126.687500	25.1	H	-15.8	28.9	54.0
3202.750000	32.5	H	-10.8	21.5	54.0
4804.375000	32.4	H	-6.5	21.6	54.0

Figure 25: 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)
1463.687500	36.0	V	-19.2	38.0	74.0
3202.750000	40.3	V	-10.8	33.7	74.0
4804.375000	42.5	V	-6.5	31.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1463.687500	23.6	V	-19.2	30.4	54.0
3202.750000	31.2	V	-10.8	22.8	54.0
4804.375000	31.5	V	-6.5	22.5	54.0

Figure 26: Radiated Spurious Emission, TM1, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

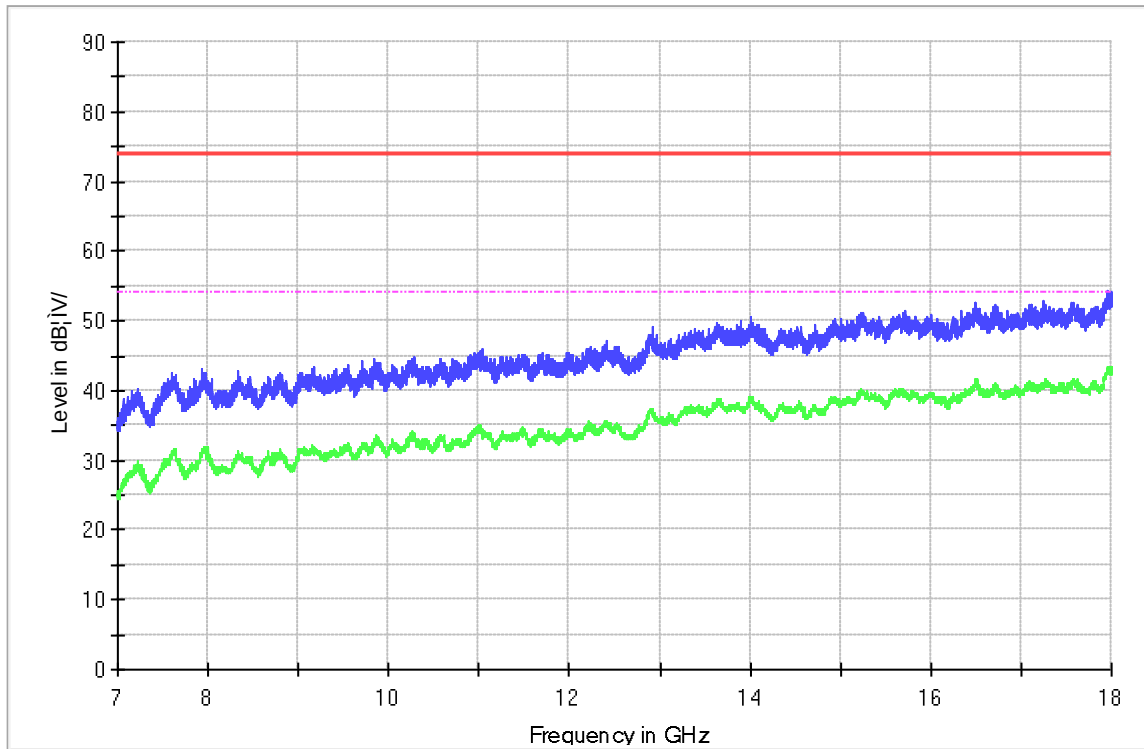


Figure 27: Radiated Spurious Emission, TM1, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

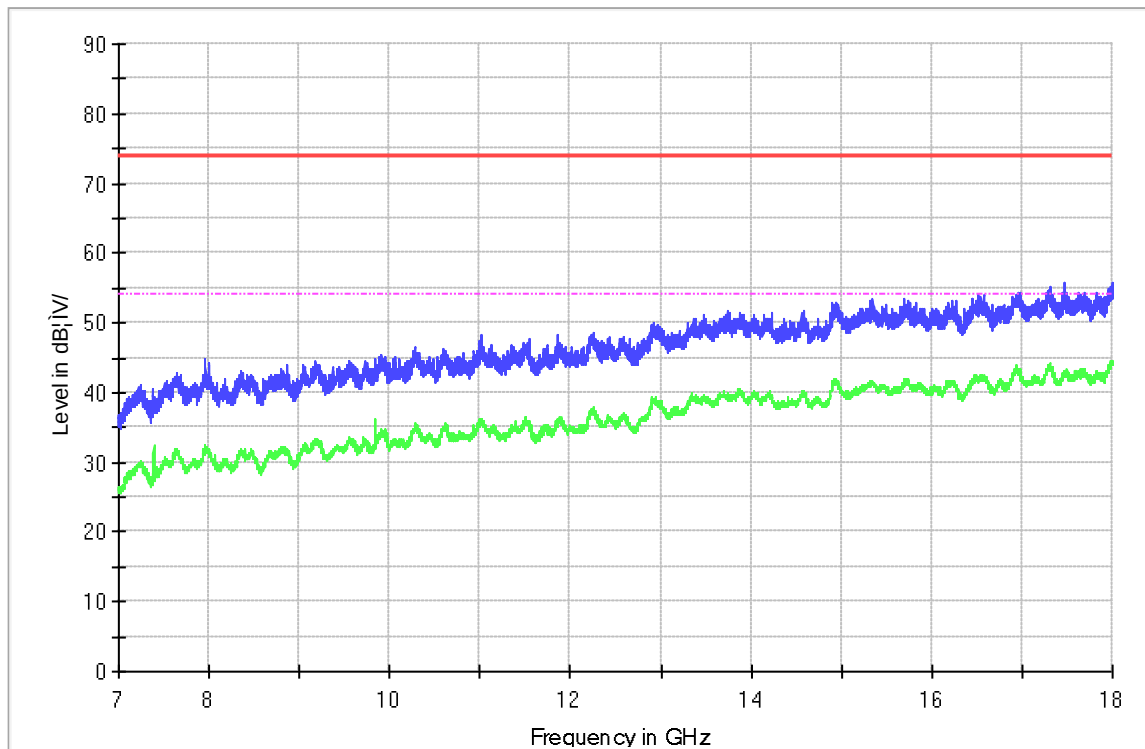


Figure 28: Radiated Spurious Emission, TM1, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

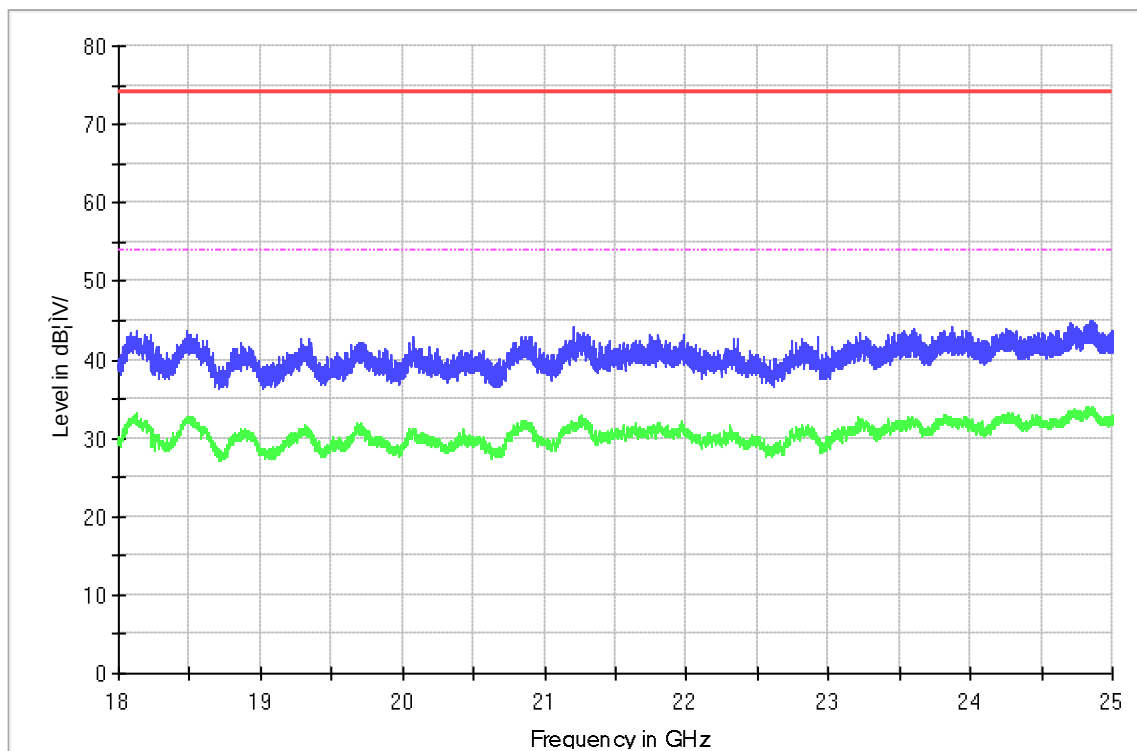


Figure 29: Radiated Spurious Emission, TM1, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

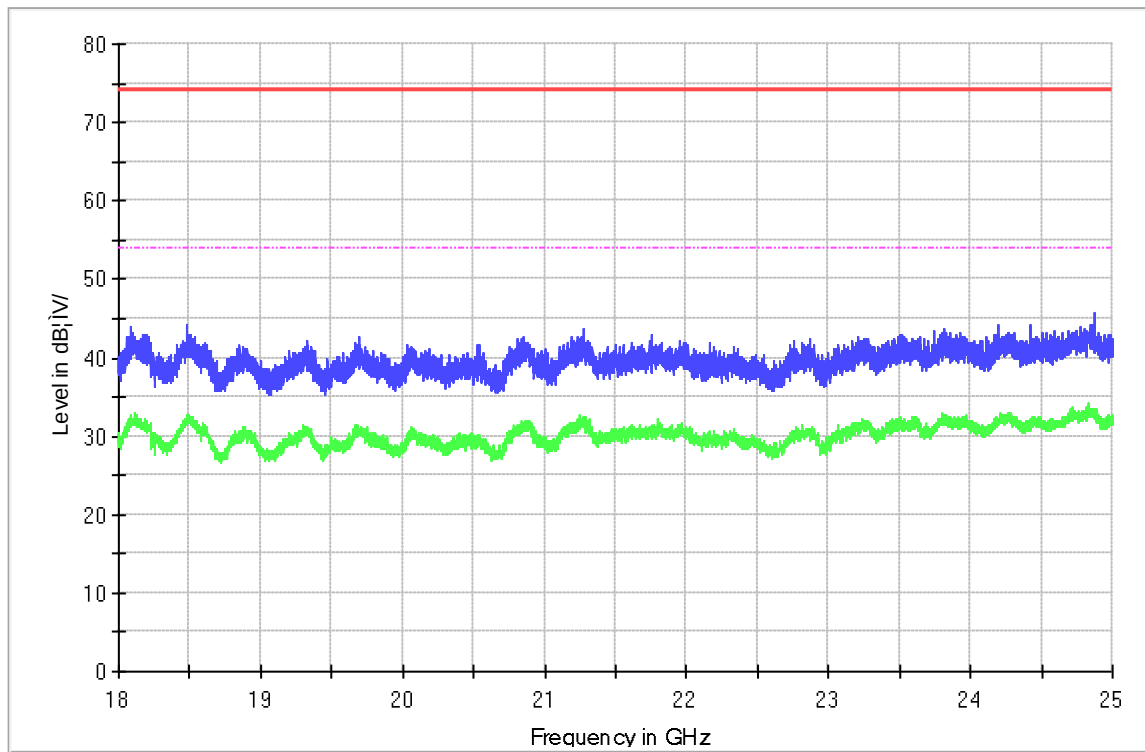
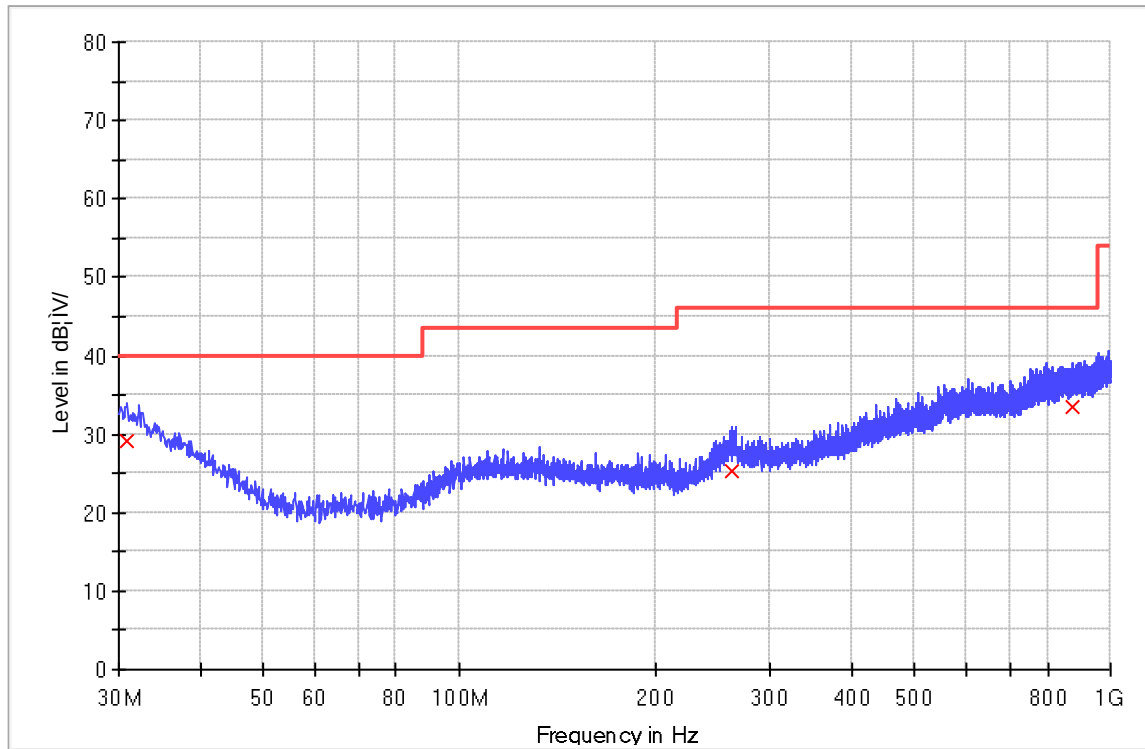


Figure 30: Radiated Spurious Emission, TM2, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

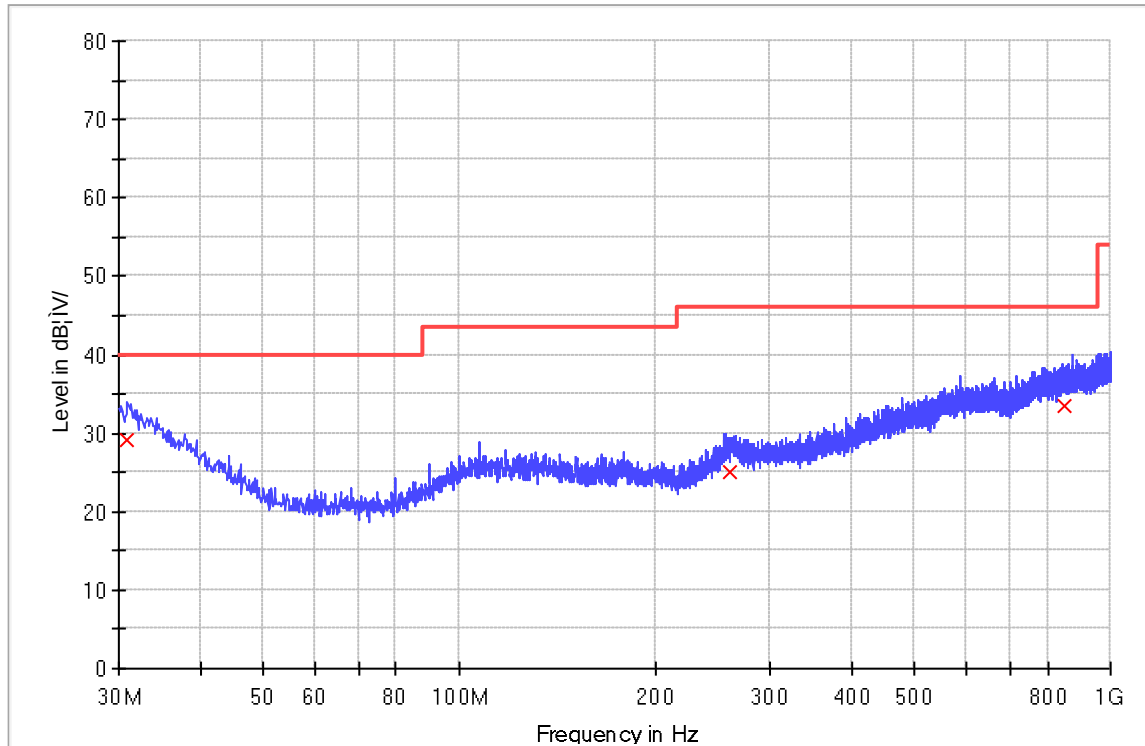


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	29.0	H	25.0	11.0	40.0
261.830000	25.2	H	20.7	20.8	46.0
875.840000	33.5	H	28.0	12.5	46.0

Figure 31: Radiated Spurious Emission, TM2, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

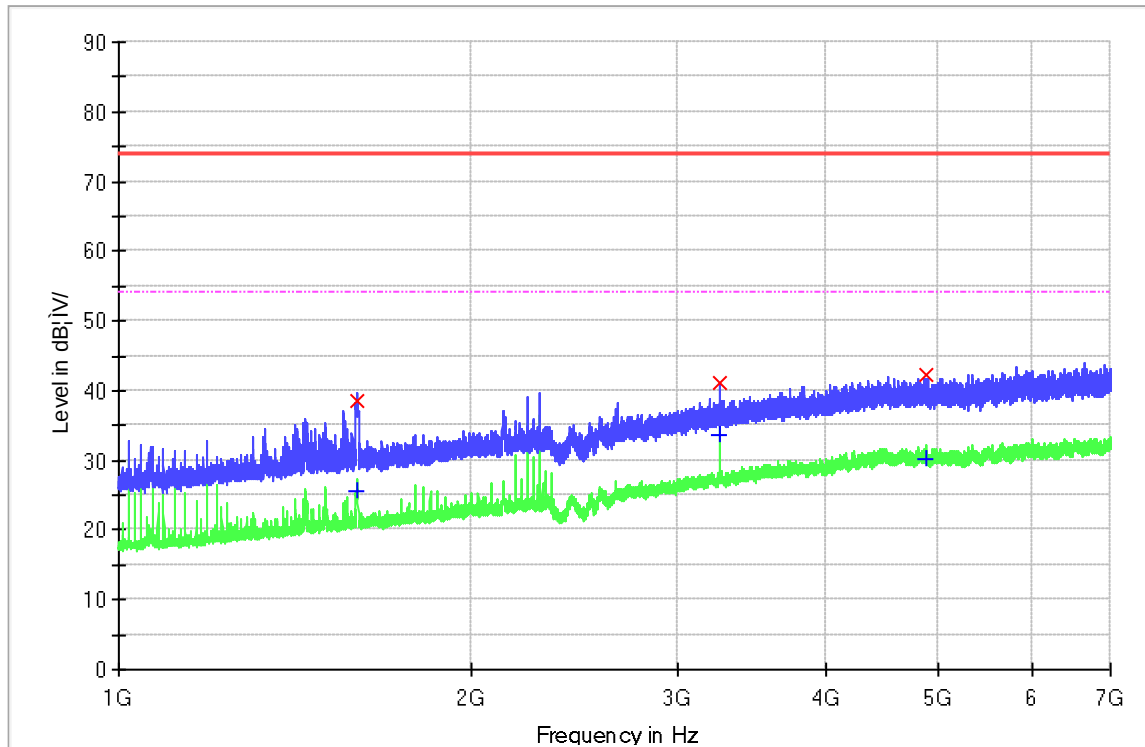


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.970000	29.0	V	24.9	11.0	40.0
260.738750	25.0	V	20.7	21.0	46.0
850.135000	33.4	V	27.9	12.6	46.0

Figure 32: Radiated Spurious Emission, TM2, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

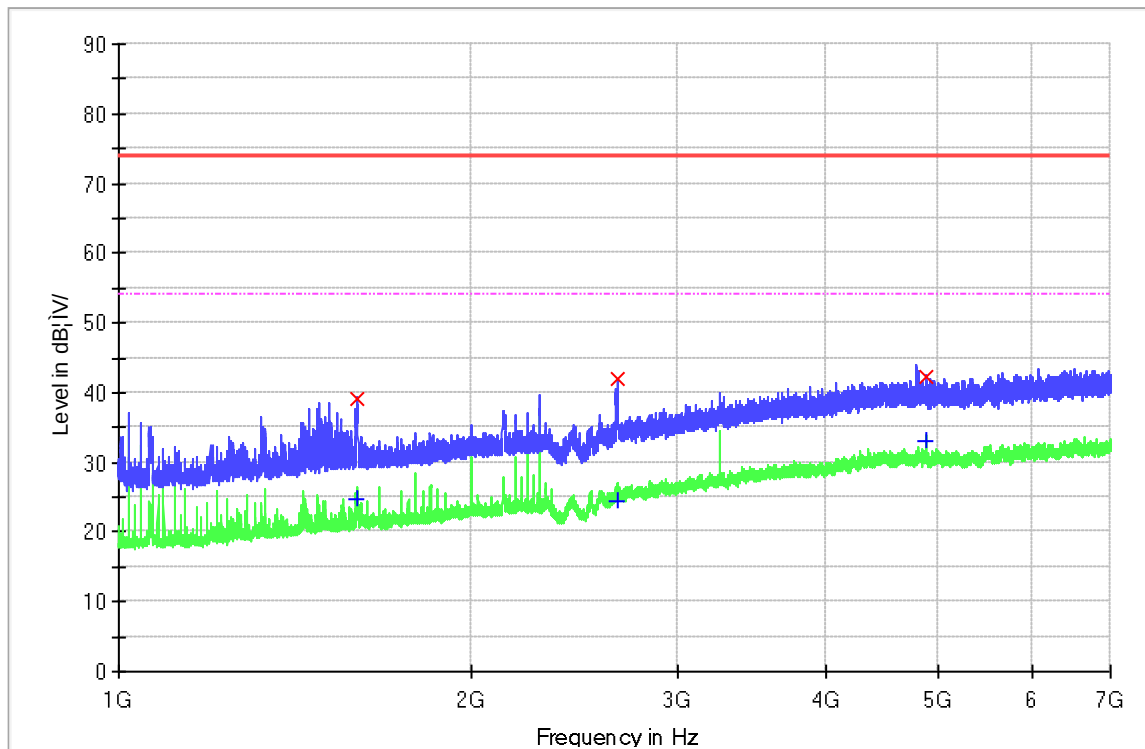
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1594.937500	38.6	H	-18.4	35.4	74.0
3254.875000	41.2	H	-10.5	32.8	74.0
4882.187500	42.4	H	-6.5	31.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1594.937500	25.7	H	-18.4	28.3	54.0
3254.875000	33.5	H	-10.5	20.5	54.0
4882.187500	30.3	H	-6.5	23.7	54.0

Figure 33: 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)
1594.937500	39.1	V	-18.4	34.9	74.0
2660.312500	41.9	V	-13.3	32.1	74.0
4882.000000	42.3	V	-6.5	31.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1594.937500	24.6	V	-18.4	29.4	54.0
2660.312500	24.4	V	-13.3	29.6	54.0
4882.000000	33.2	V	-6.5	20.8	54.0

Figure 34: Radiated Spurious Emission, TM2, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

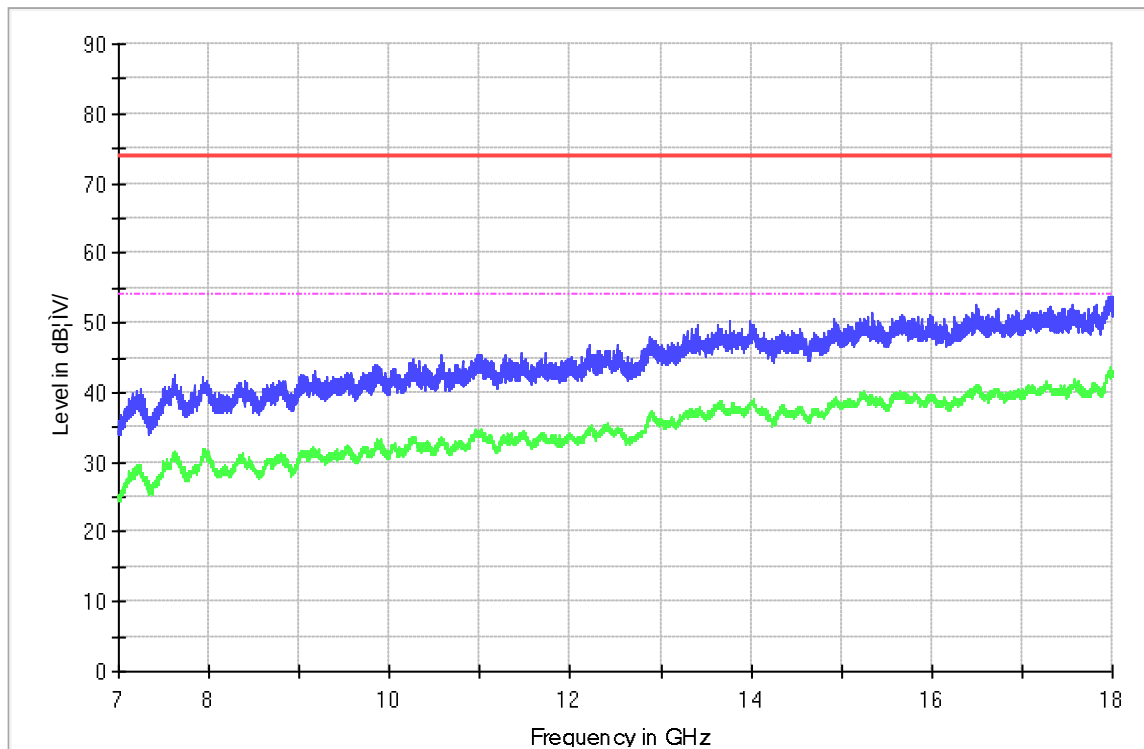


Figure 35: Radiated Spurious Emission, TM2, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

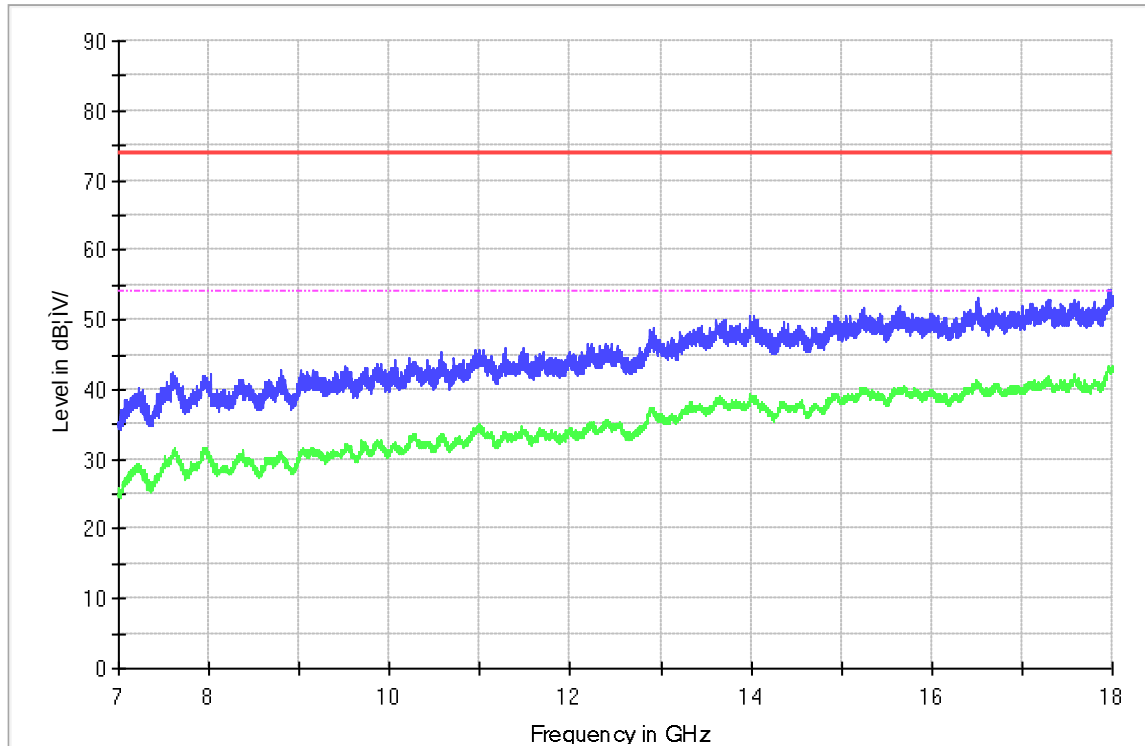


Figure 36: Radiated Spurious Emission, TM2, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

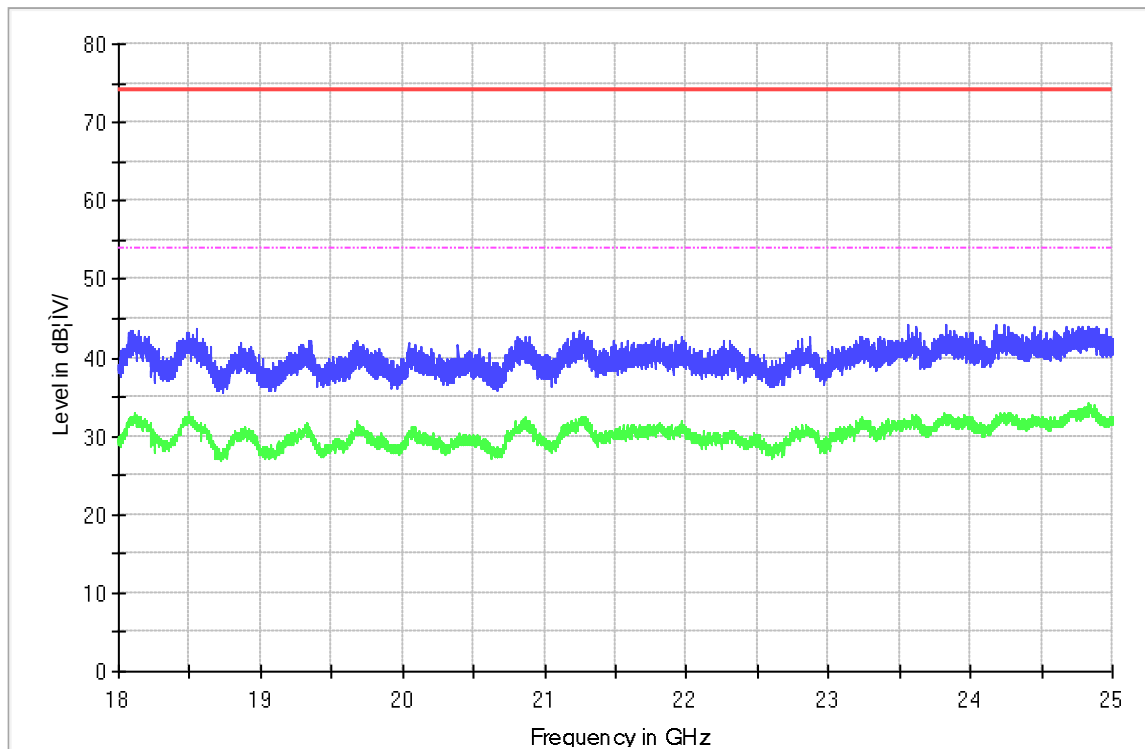


Figure 37: Radiated Spurious Emission, TM2, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

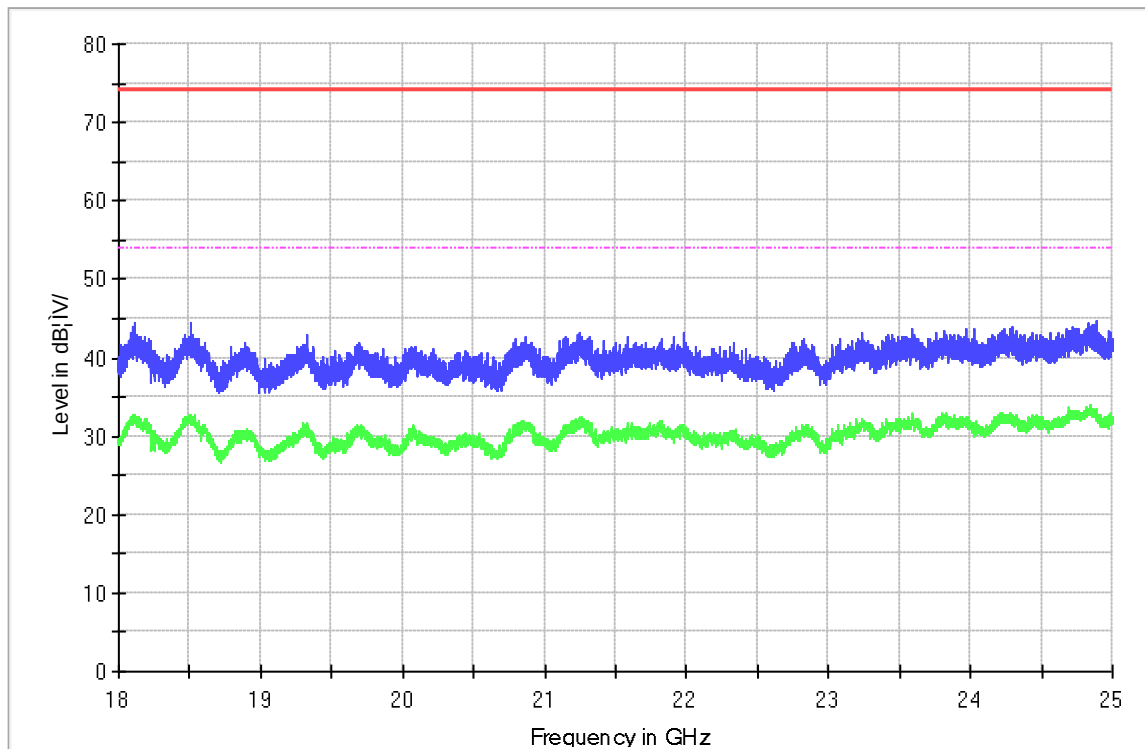
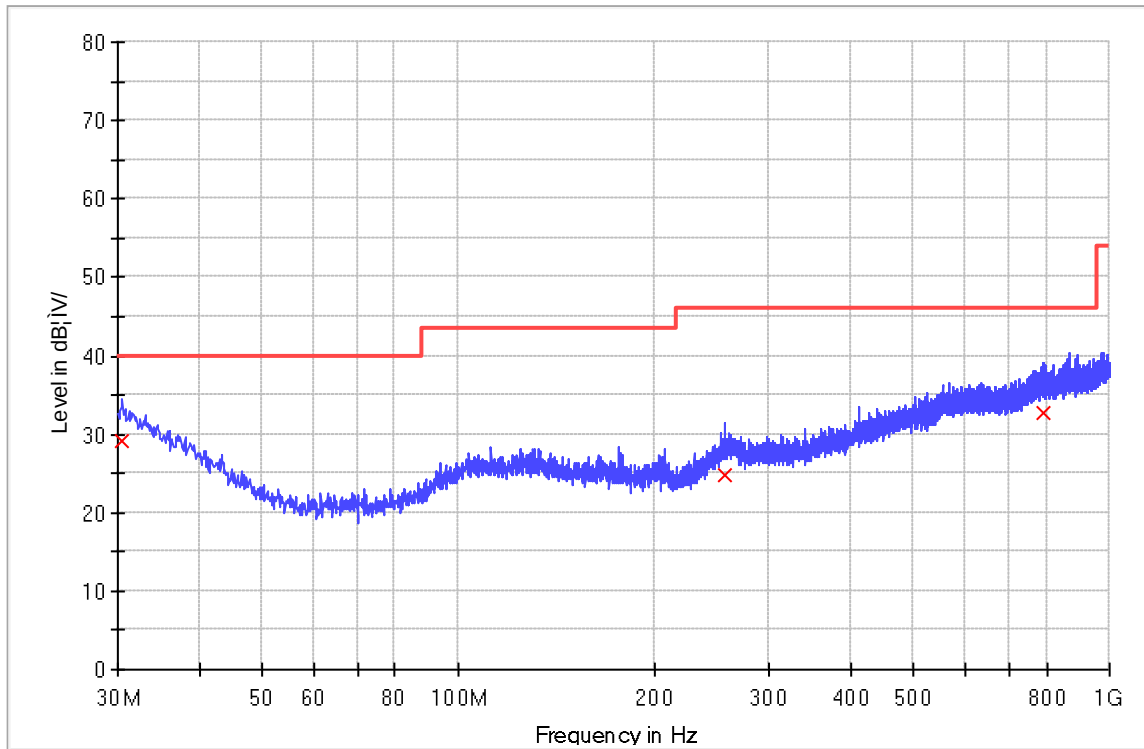


Figure 38: Radiated Spurious Emission, TM3, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

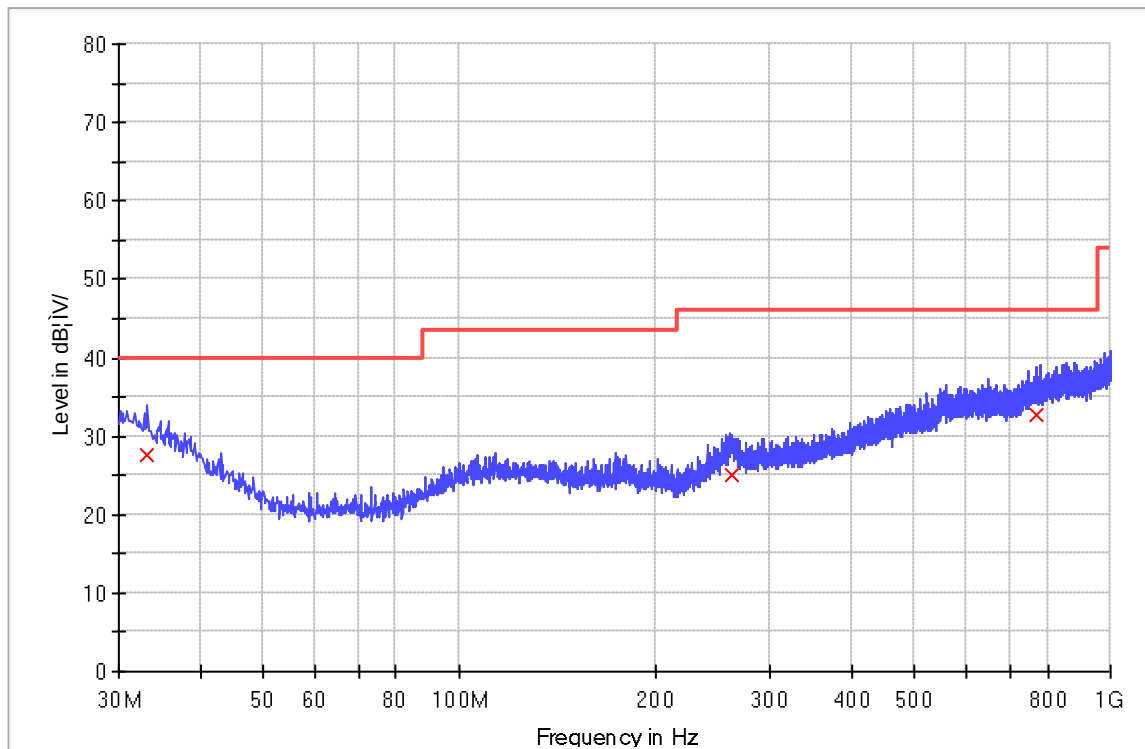


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.485000	29.2	H	25.2	10.8	40.0
256.495000	24.7	H	20.2	21.3	46.0
792.177500	32.8	H	27.6	13.2	46.0

Figure 39: Radiated Spurious Emission, TM3, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

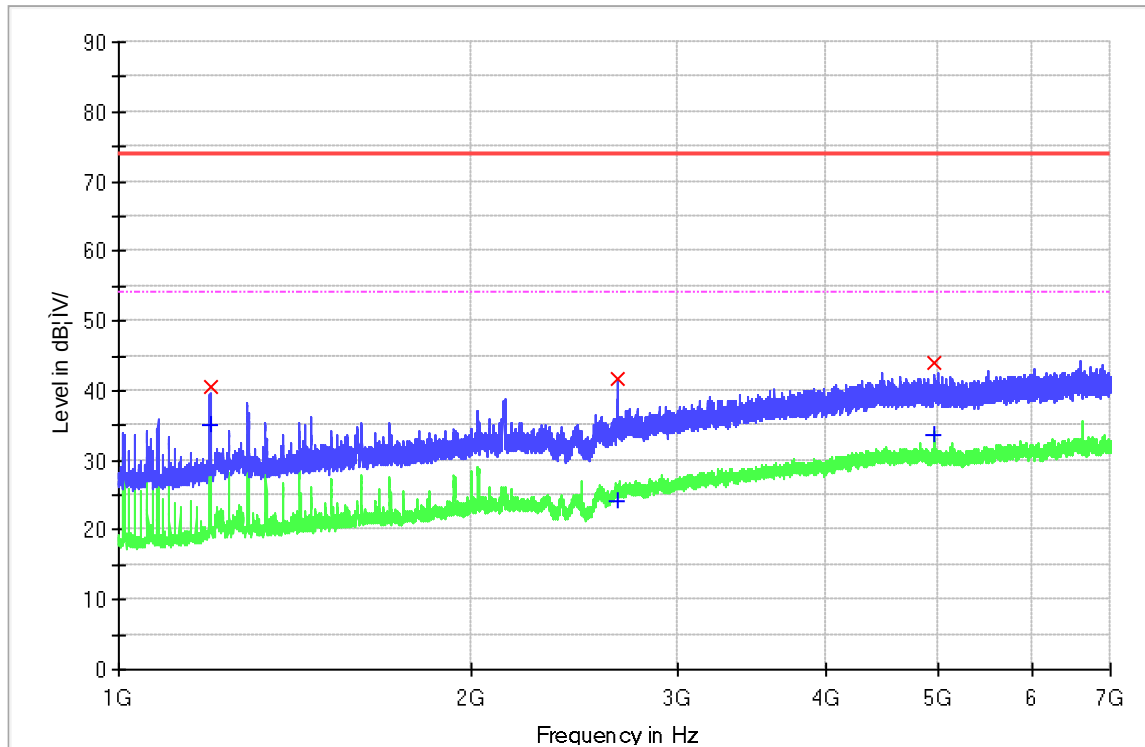


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
33.152500	27.7	V	23.7	12.3	40.0
262.315000	24.9	V	20.7	21.1	46.0
770.473750	32.6	V	27.5	13.4	46.0

Figure 40: Radiated Spurious Emission, TM3, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

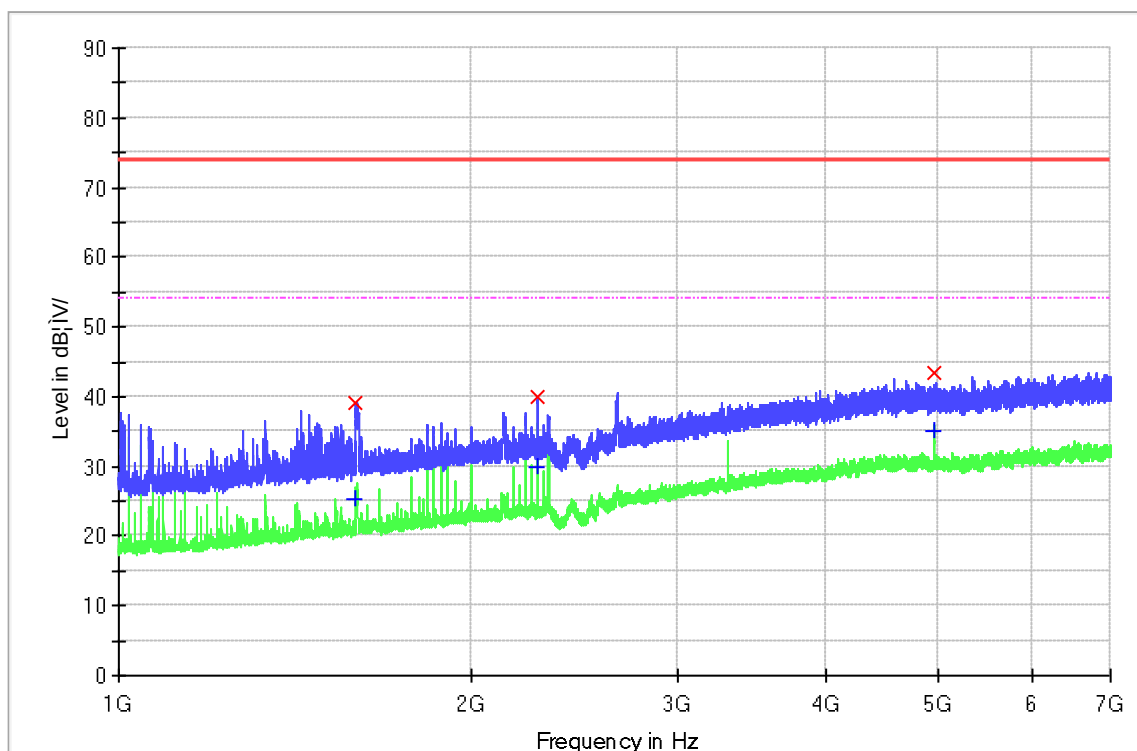
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
2272.000000	41.6	H	-15.1	32.4	74.0
3306.812500	39.7	H	-10.3	34.3	74.0
4960.000000	42.5	H	-6.6	31.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2272.000000	30.2	H	-15.1	23.8	54.0
3306.812500	33.2	H	-10.3	20.8	54.0
4960.000000	32.3	H	-6.6	21.7	54.0

Figure 41: 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)
1593.250000	39.2	V	-18.4	34.8	74.0
2271.812500	39.9	V	-15.1	34.1	74.0
4960.000000	43.5	V	-6.6	30.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1593.250000	25.3	V	-18.4	28.7	54.0
2271.812500	29.8	V	-15.1	24.2	54.0
4960.000000	35.1	V	-6.6	18.9	54.0

Figure 42: Radiated Spurious Emission, TM3, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

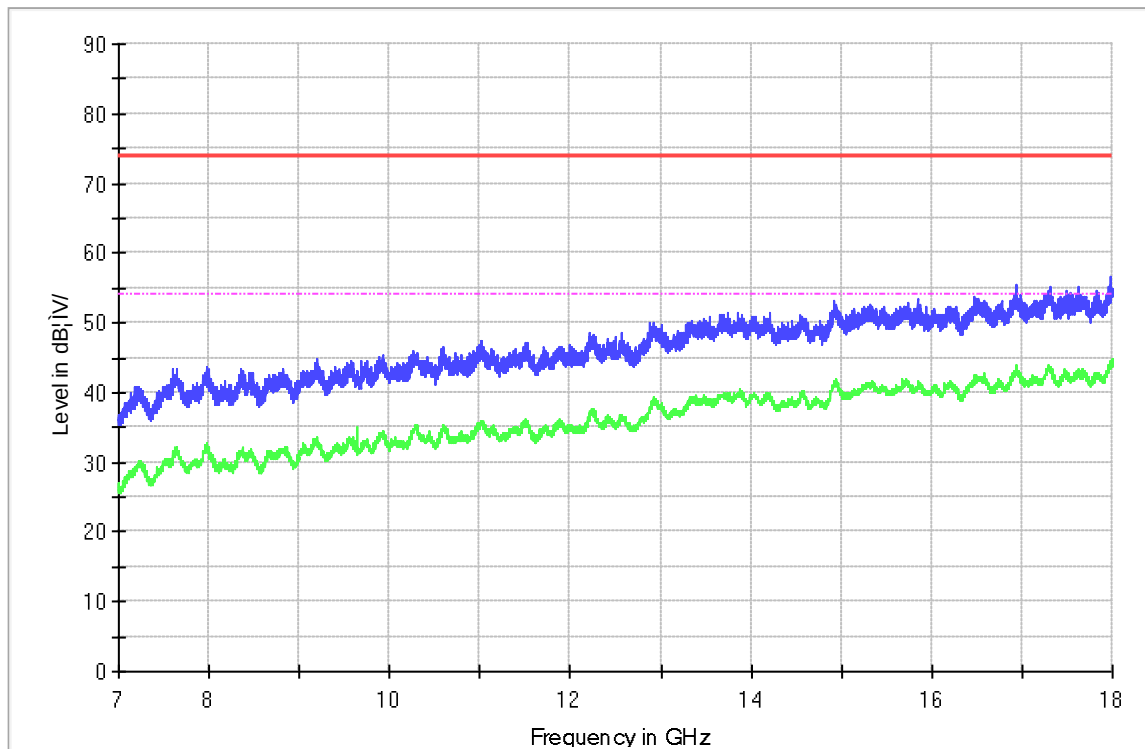


Figure 43: Radiated Spurious Emission, TM3, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

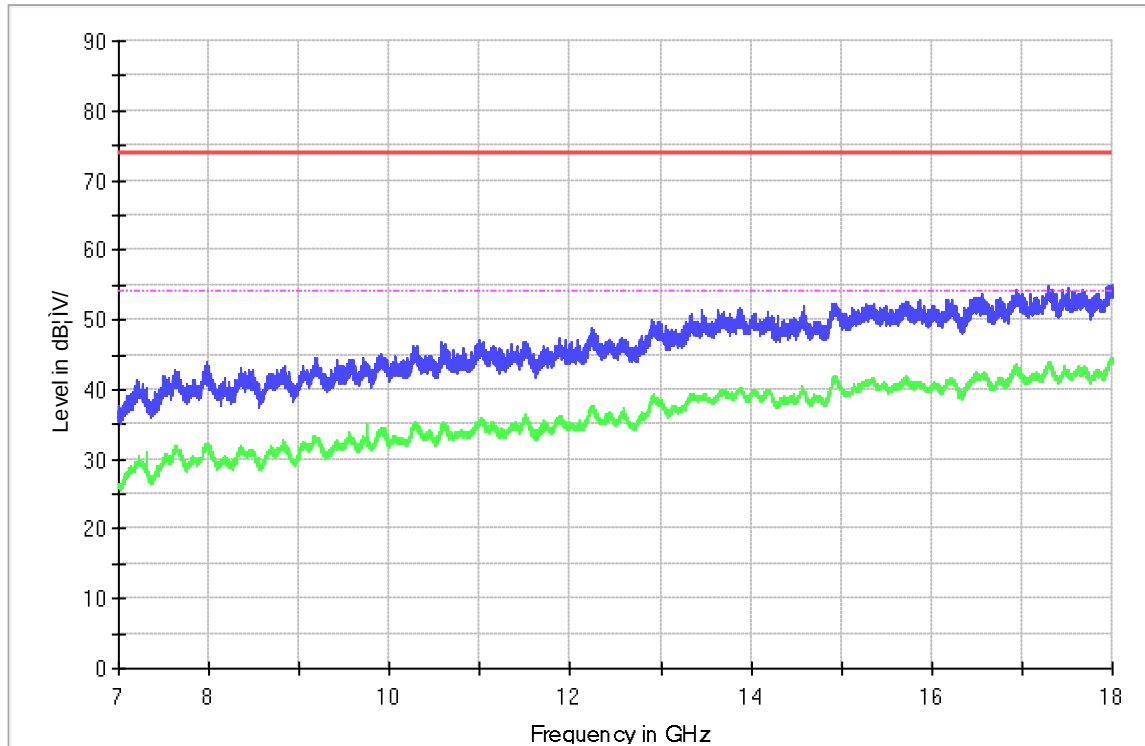


Figure 44: Radiated Spurious Emission, TM3, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

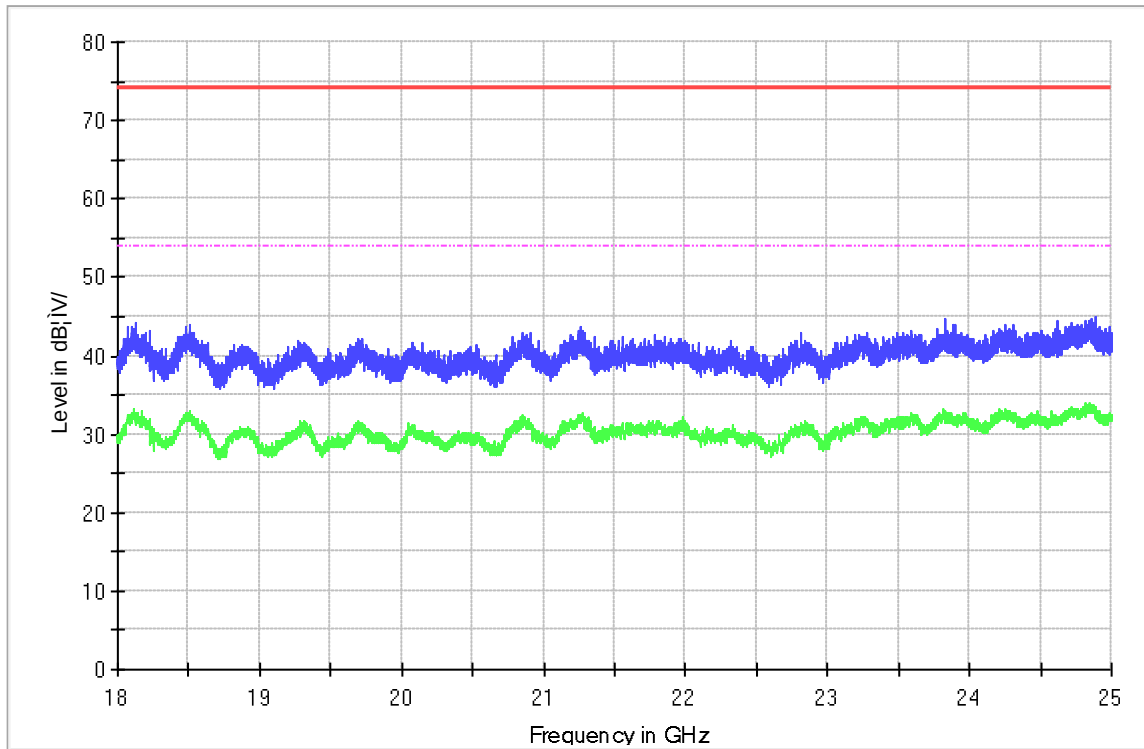


Figure 45: Radiated Spurious Emission, TM3, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

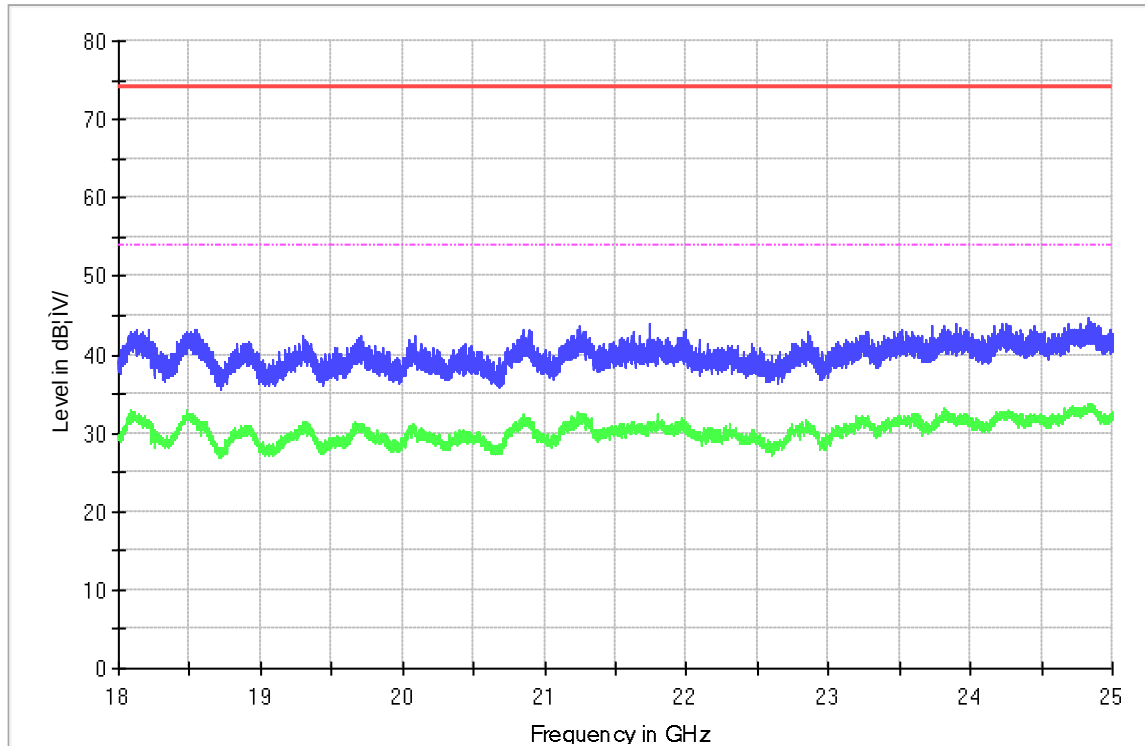
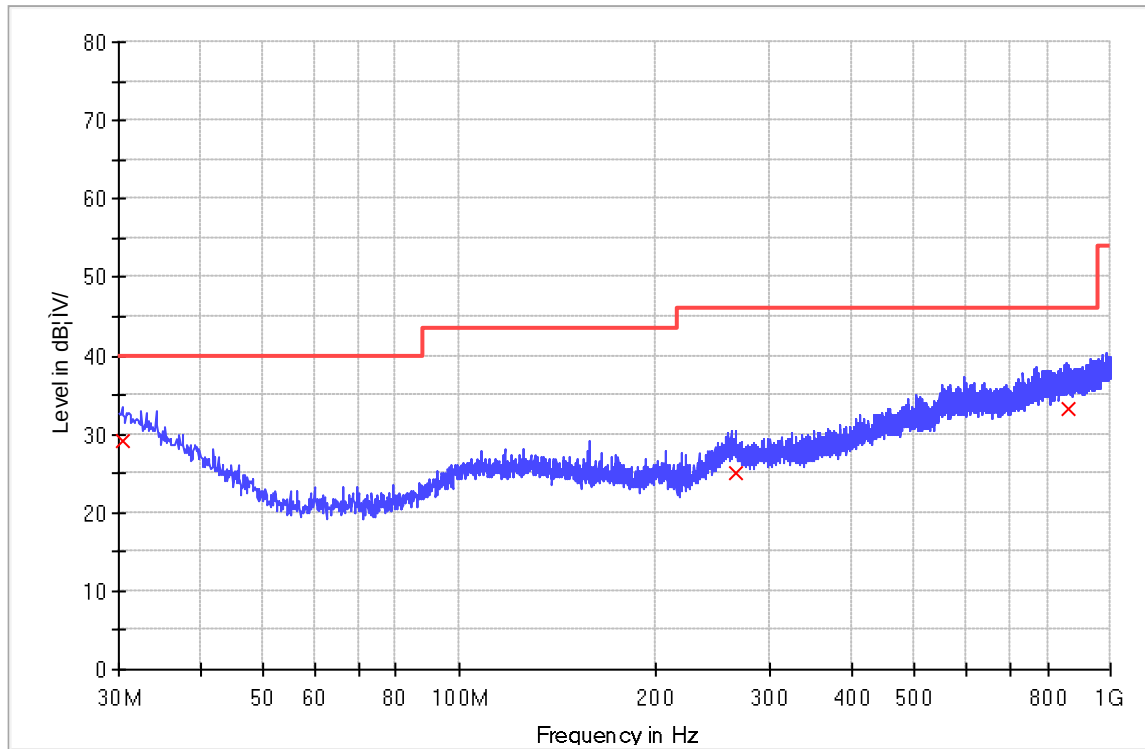


Figure 46: Radiated Spurious Emission, TM4, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

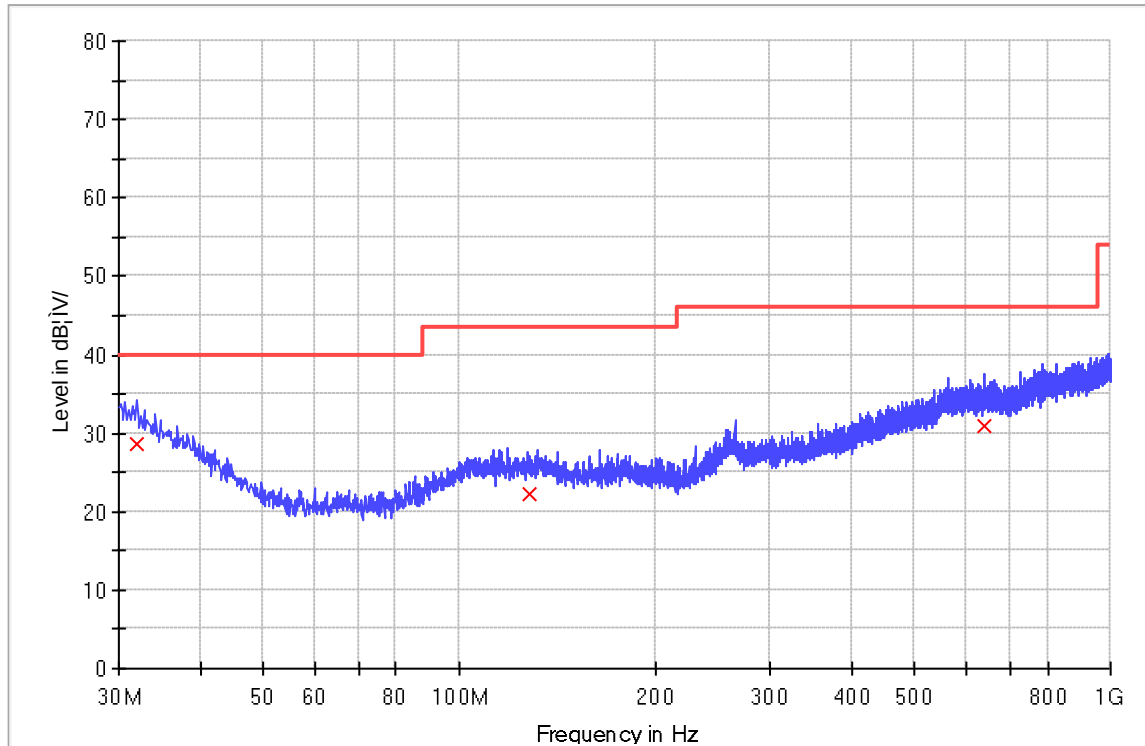


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.363750	29.2	H	25.2	10.8	40.0
265.467500	25.1	H	20.6	20.9	46.0
863.351250	33.3	H	27.9	12.7	46.0

Figure 47: Radiated Spurious Emission, TM4, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

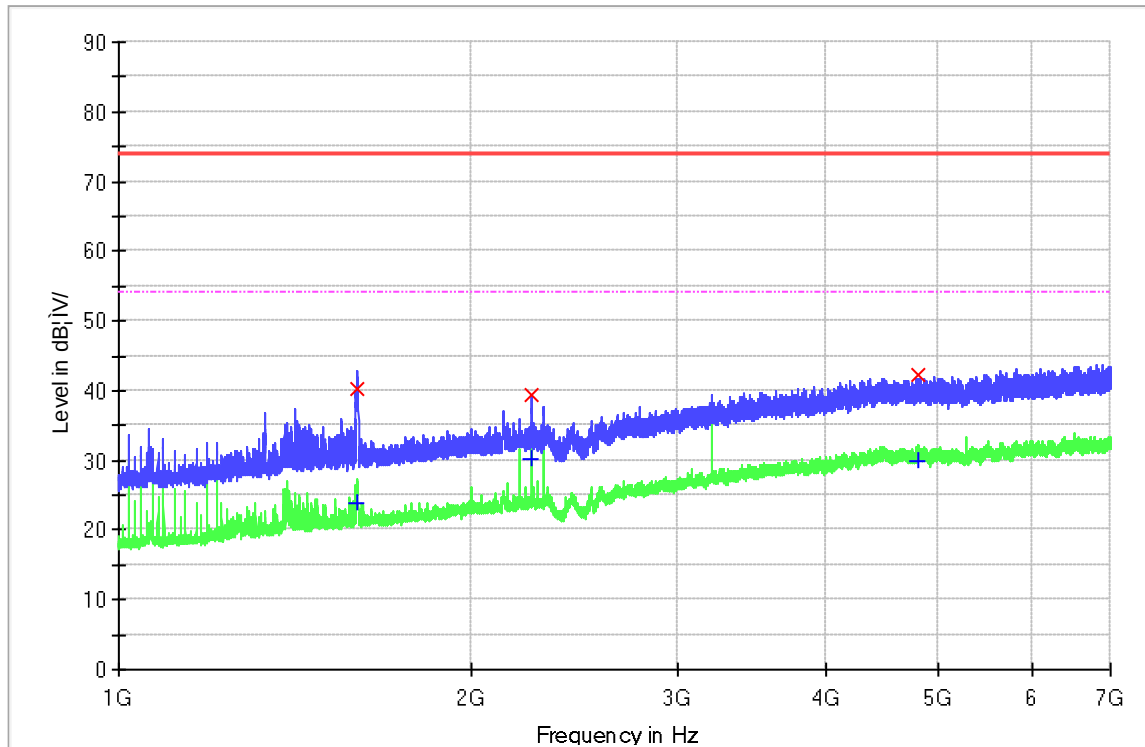


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.940000	28.5	V	24.5	11.5	40.0
128.333750	22.2	V	18.7	21.3	43.5
639.523750	30.9	V	26.4	15.1	46.0

Figure 48: Radiated Spurious Emission, TM4, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

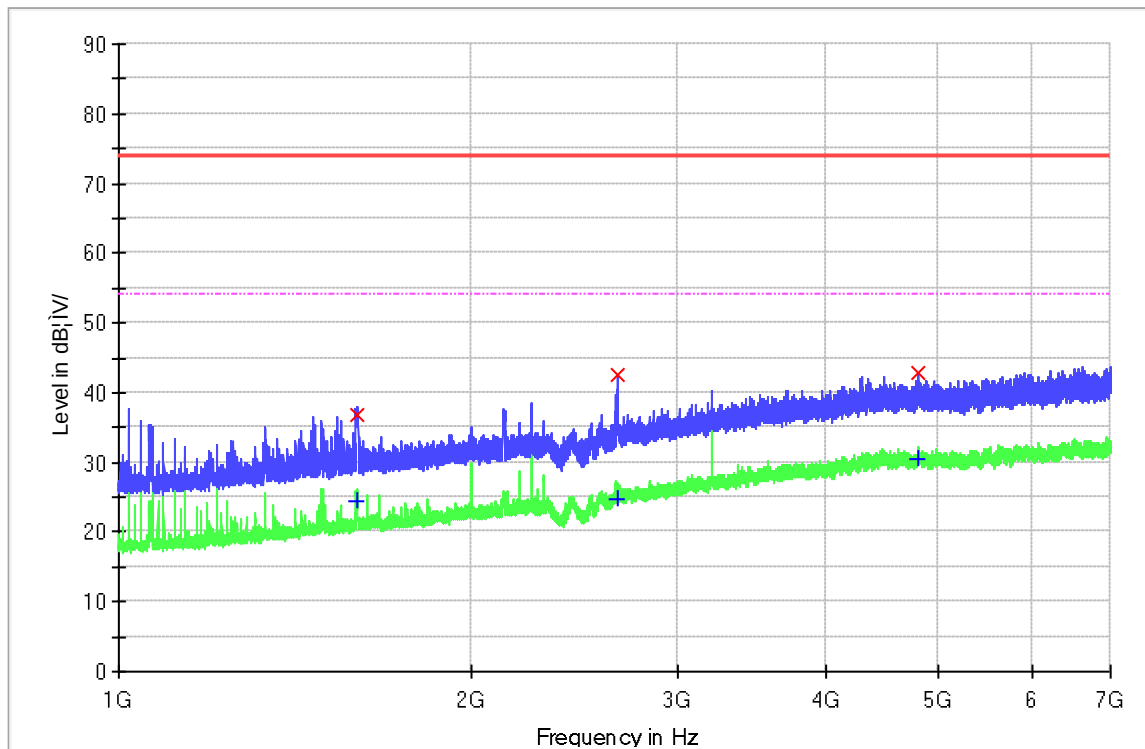
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1598.687500	40.3	H	-18.3	33.7	74.0
2245.937500	39.3	H	-15.2	34.7	74.0
4803.625000	42.3	H	-6.5	31.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1598.687500	23.9	H	-18.3	30.1	54.0
2245.937500	30.2	H	-15.2	23.8	54.0
4803.625000	29.8	H	-6.5	24.2	54.0

Figure 49: 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)
1595.875000	36.8	V	-18.3	37.2	74.0
2660.125000	42.6	V	-13.3	31.4	74.0
4804.187500	42.9	V	-6.5	31.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1595.875000	24.5	V	-18.3	29.5	54.0
2660.125000	24.6	V	-13.3	29.4	54.0
4804.187500	30.4	V	-6.5	23.6	54.0

Figure 50: Radiated Spurious Emission, TM4, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

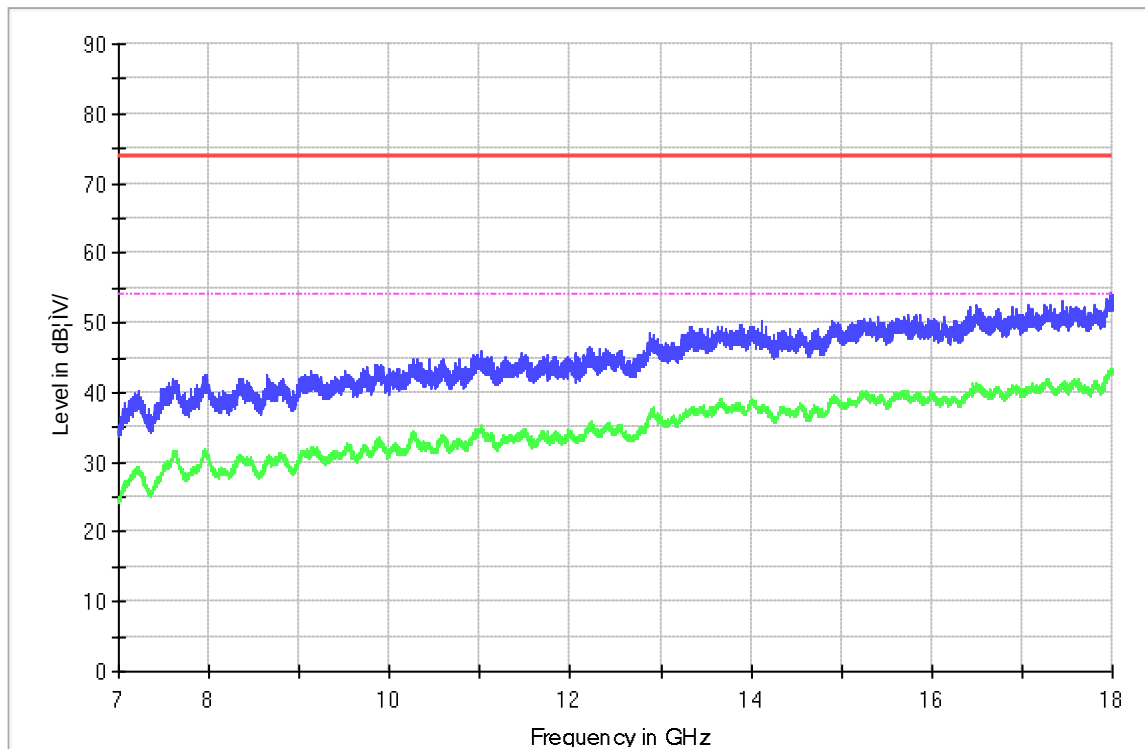


Figure 51: Radiated Spurious Emission, TM4, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

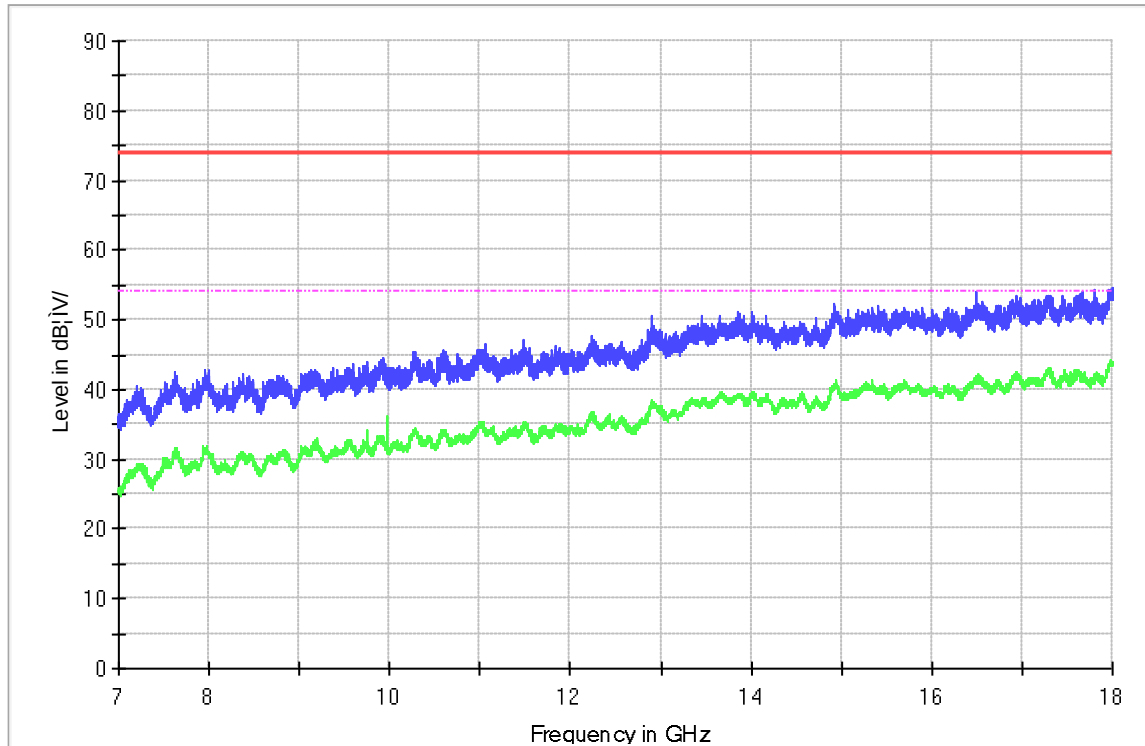


Figure 52: Radiated Spurious Emission, TM4, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

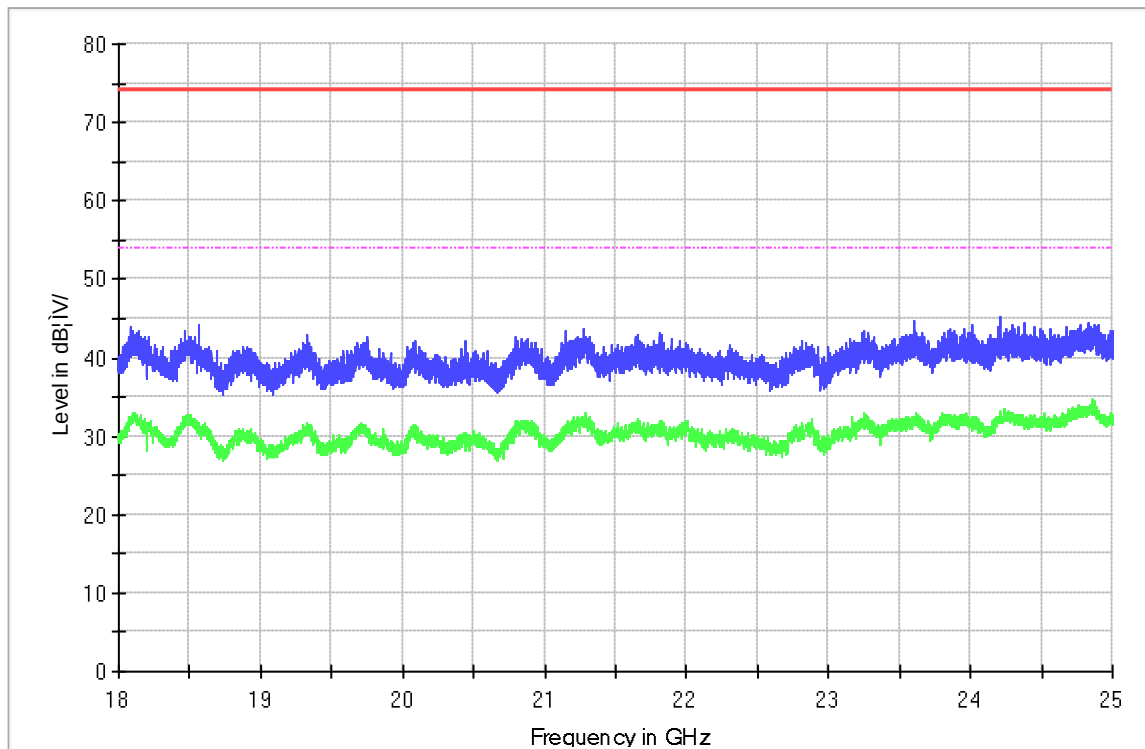


Figure 53: Radiated Spurious Emission, TM4, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

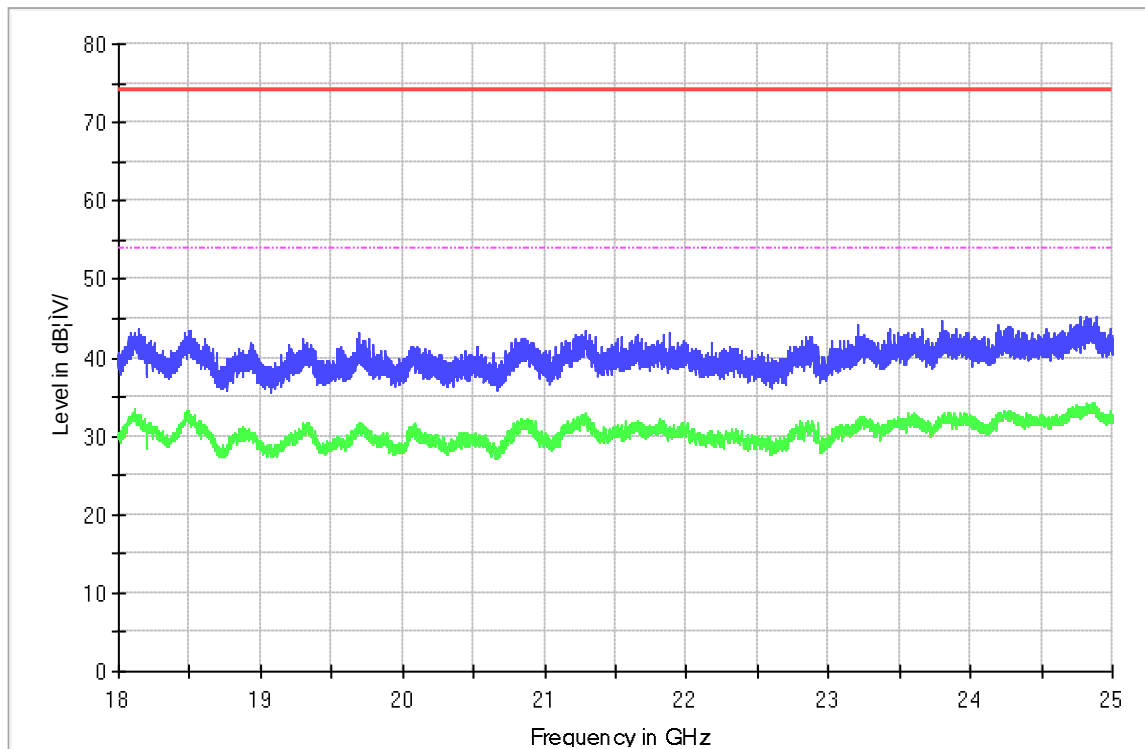
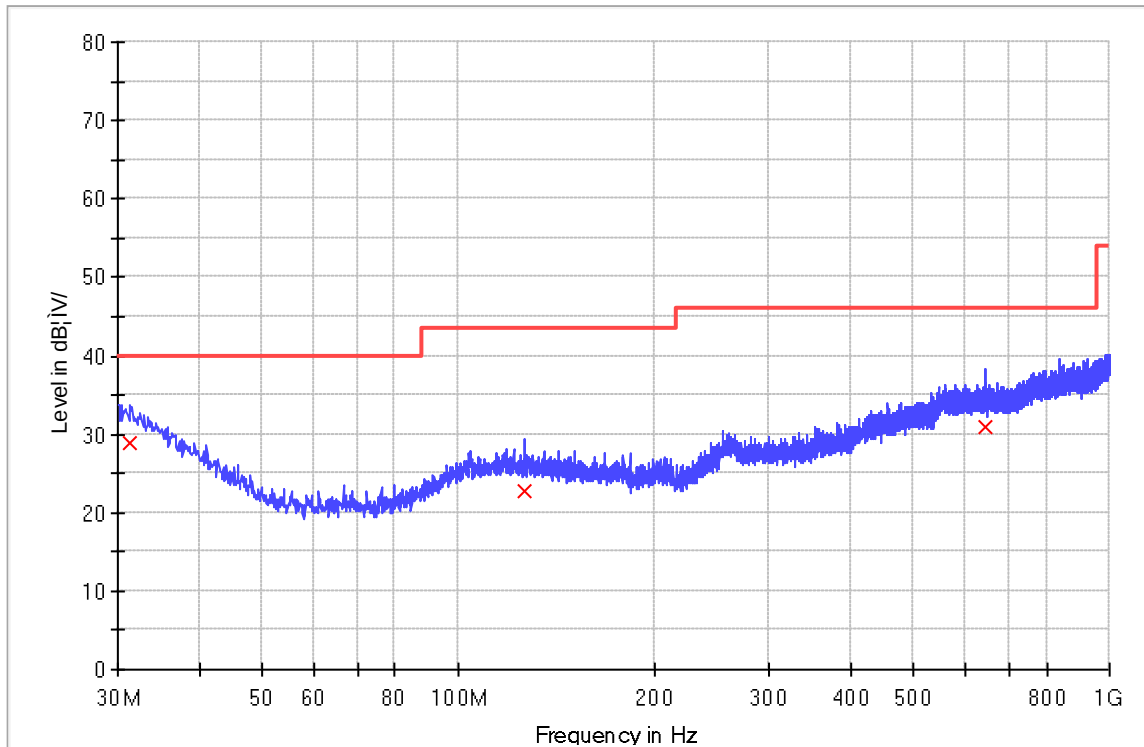


Figure 54: Radiated Spurious Emission, TM5, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

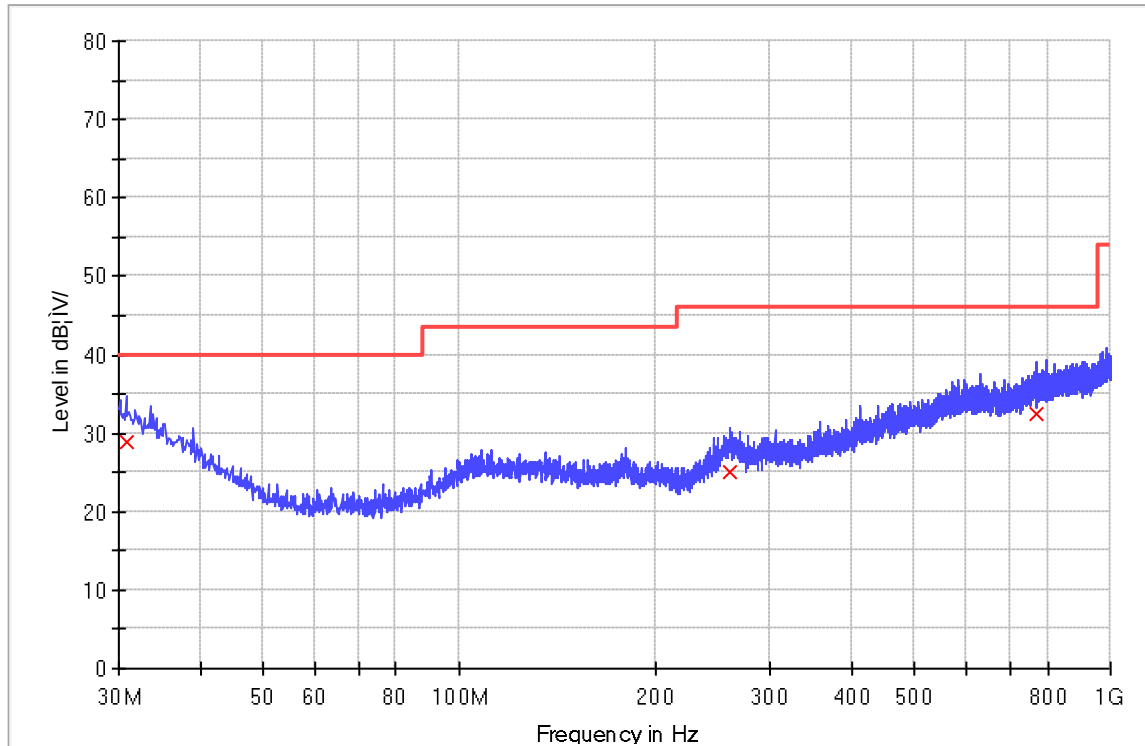


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	28.8	H	24.8	11.2	40.0
126.636250	22.7	H	18.8	20.8	43.5
643.767500	30.8	H	26.4	15.2	46.0

Figure 55: Radiated Spurious Emission, TM5, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

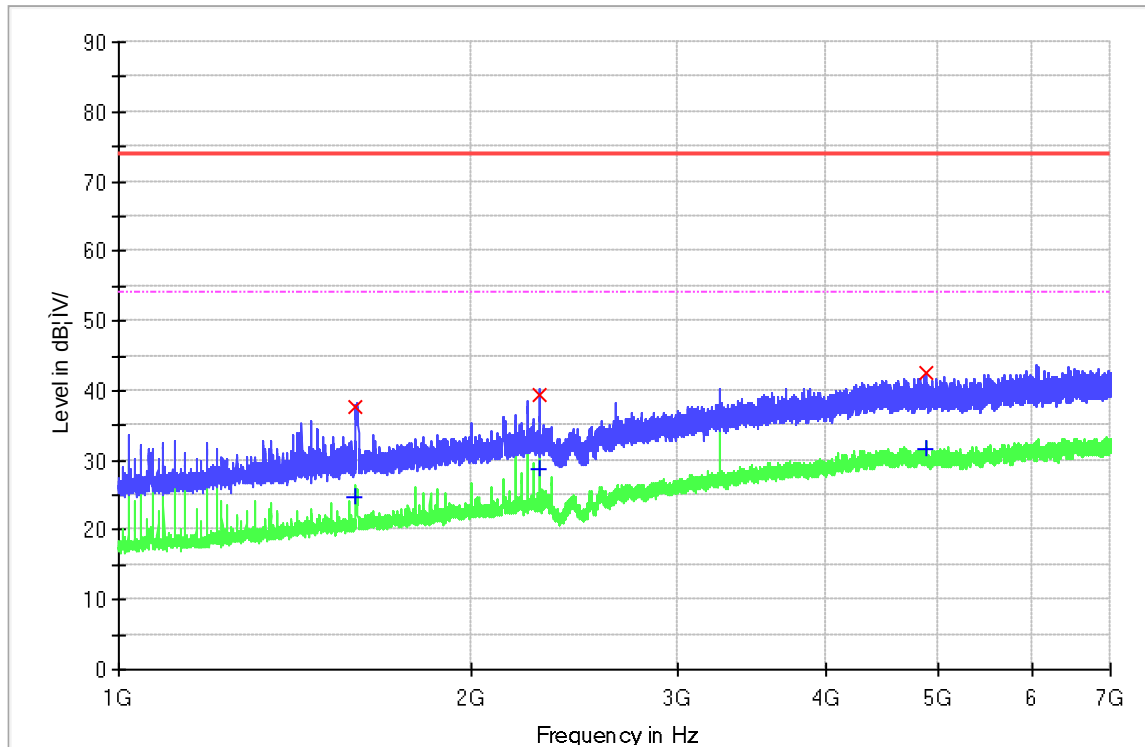


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	28.9	V	25.0	11.1	40.0
260.860000	25.0	V	20.7	21.0	46.0
767.442500	32.5	V	27.4	13.5	46.0

Figure 56: Radiated Spurious Emission, TM5, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

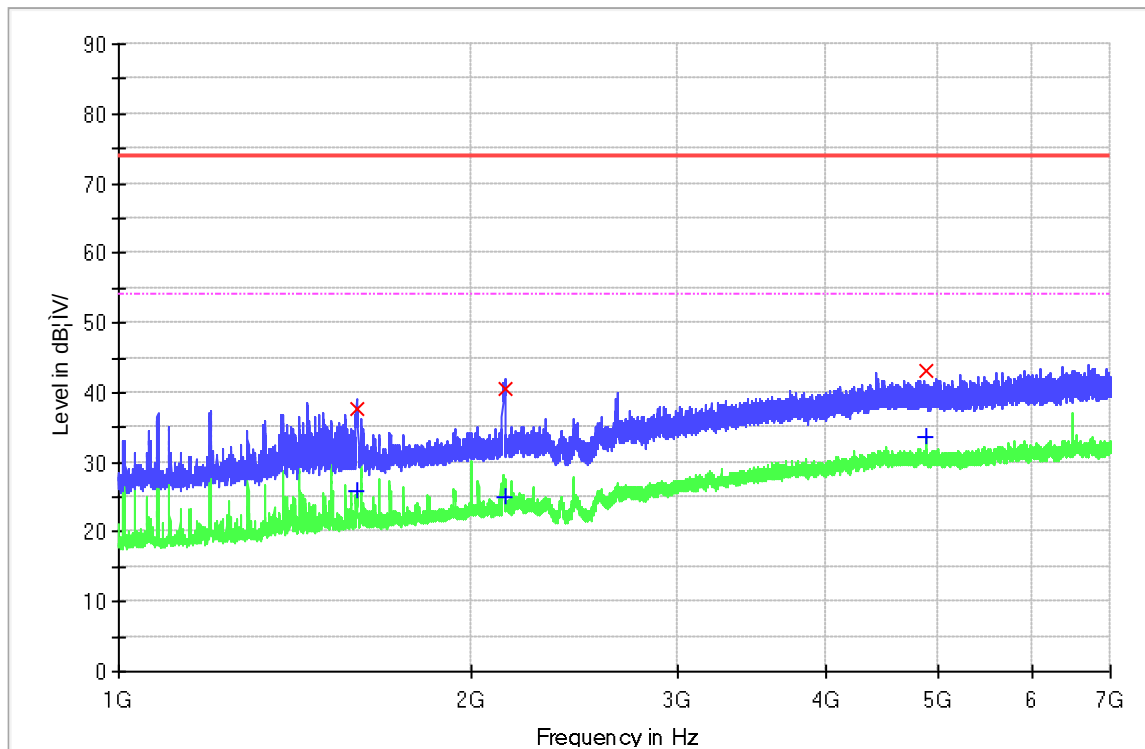
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1592.875000	37.6	H	-18.4	36.4	74.0
2285.125000	39.5	H	-15.0	34.5	74.0
4882.375000	42.6	H	-6.5	31.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1592.875000	24.9	H	-18.4	29.1	54.0
2285.125000	28.7	H	-15.0	25.3	54.0
4882.375000	31.6	H	-6.5	22.4	54.0

Figure 57: 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)
1603.750000	41.8	V	-18.3	32.2	74.0
3254.687500	39.6	V	-10.5	34.4	74.0
4882.187500	42.6	V	-6.5	31.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1603.750000	24.1	V	-18.3	29.9	54.0
3254.687500	33.5	V	-10.5	20.5	54.0
4882.187500	33.1	V	-6.5	20.9	54.0

Figure 58: Radiated Spurious Emission, TM5, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

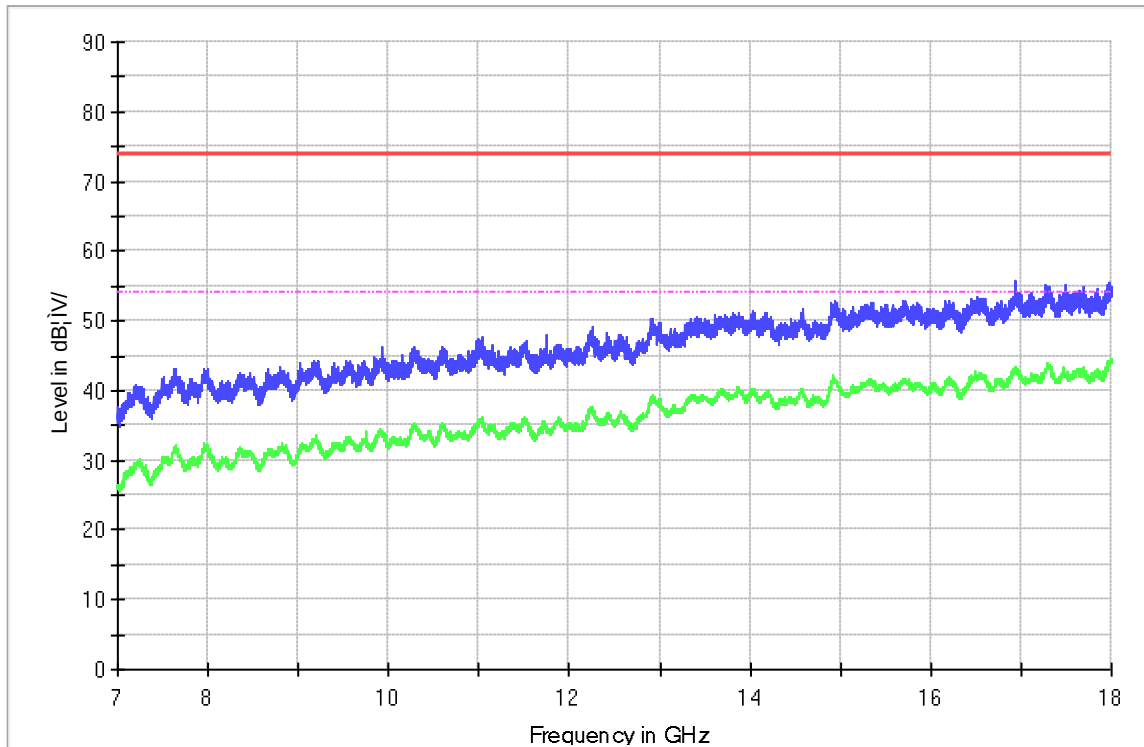


Figure 59: Radiated Spurious Emission, TM5, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

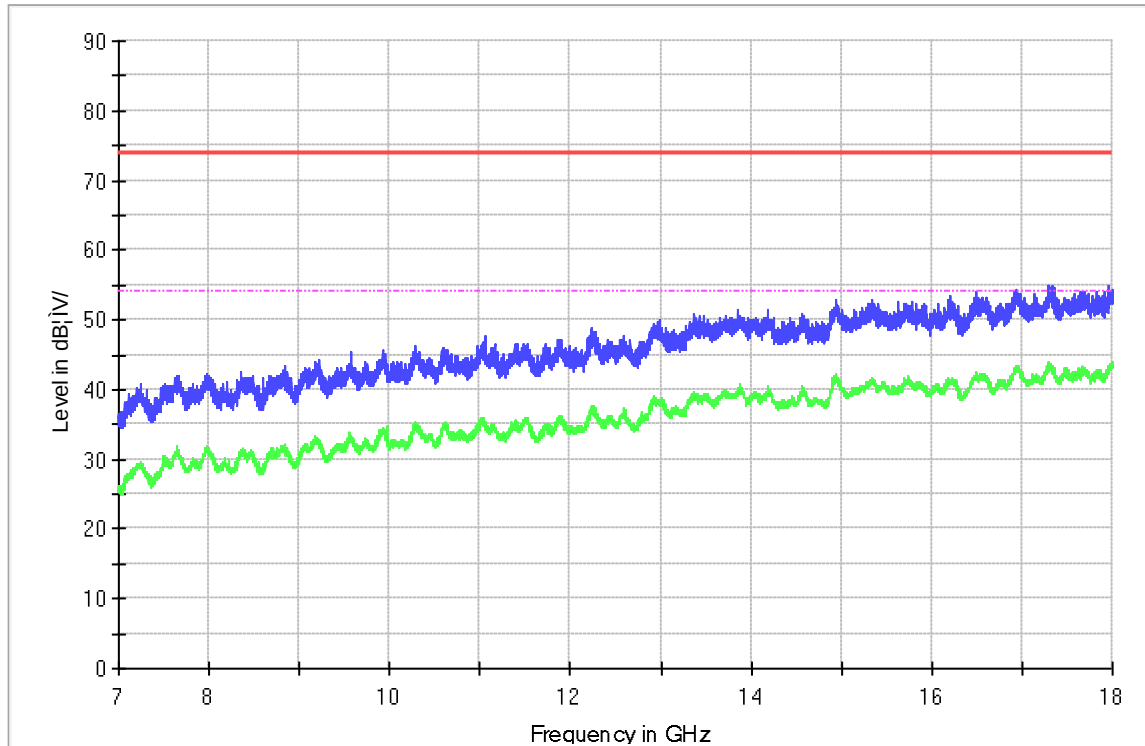


Figure 60: Radiated Spurious Emission, TM5, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

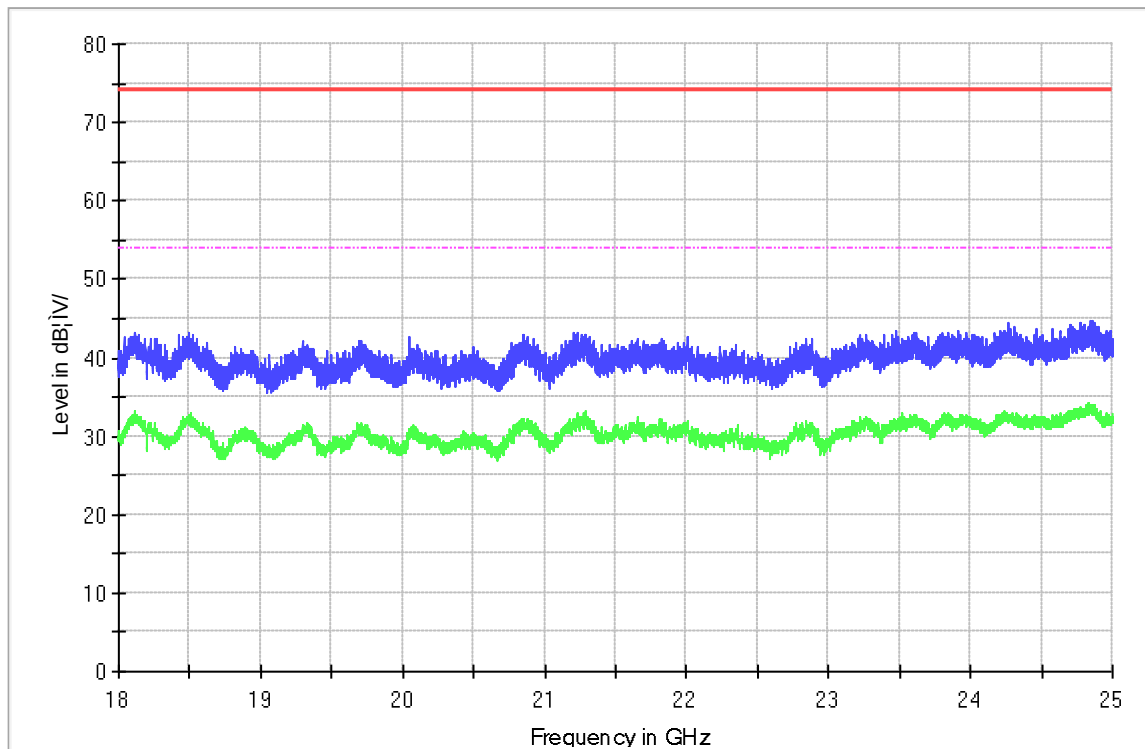


Figure 61: Radiated Spurious Emission, TM5, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

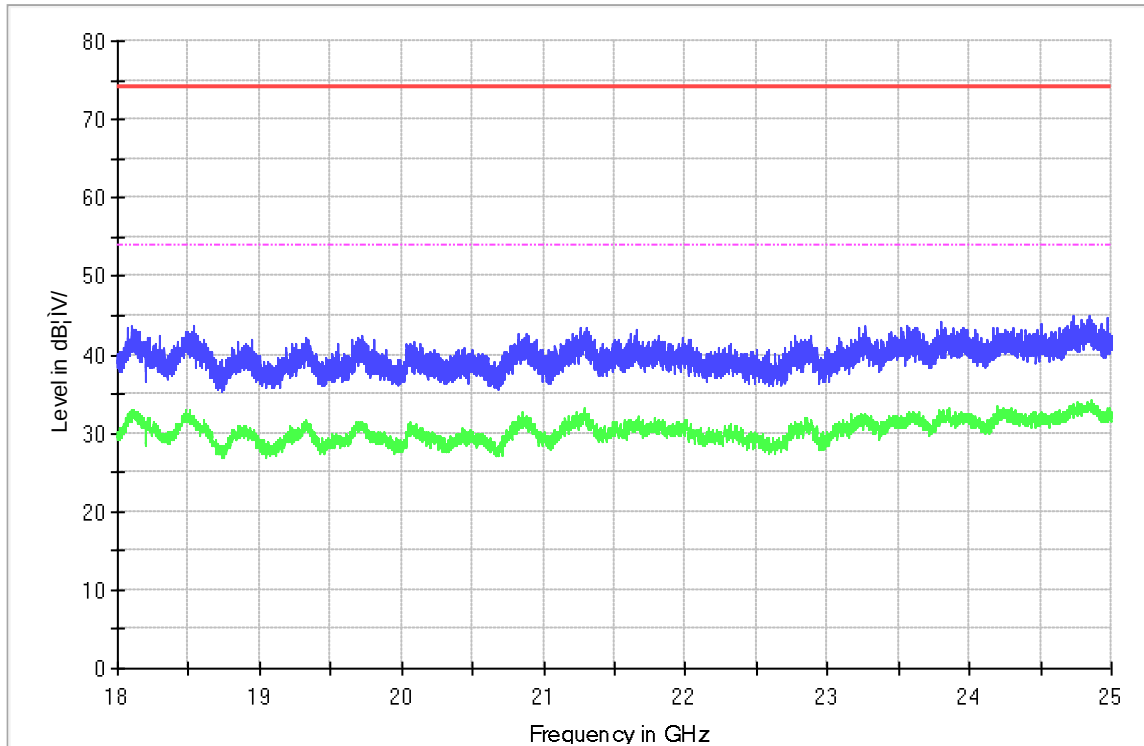
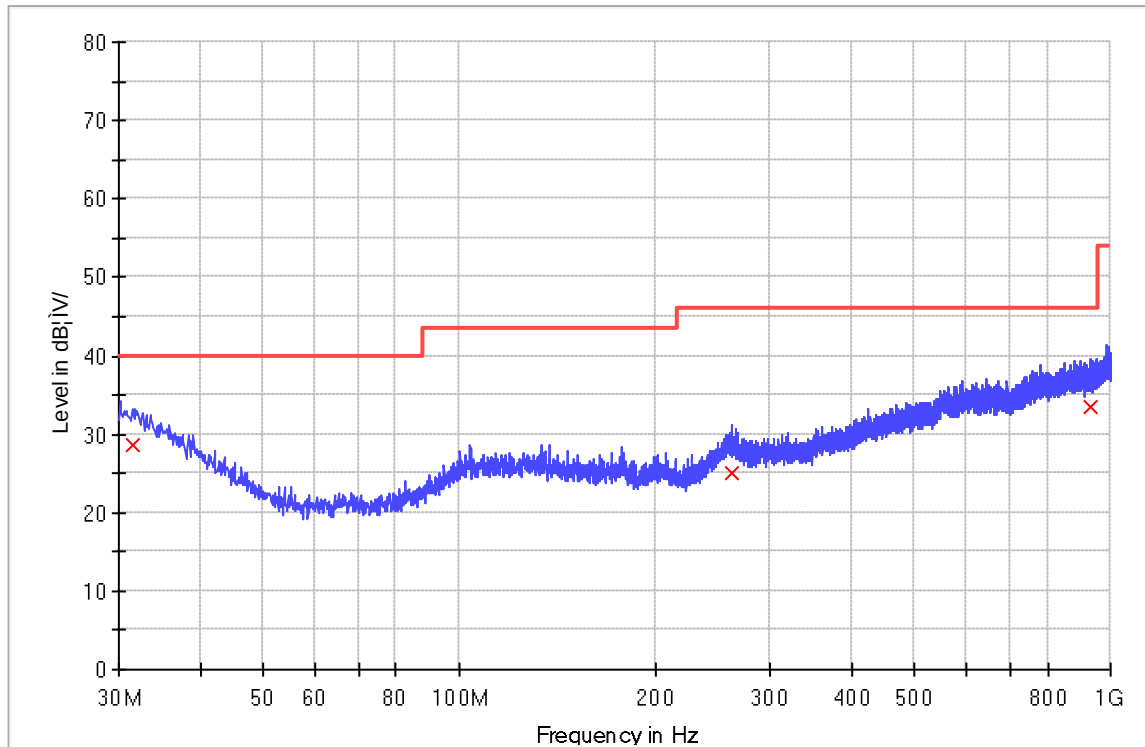


Figure 62: Radiated Spurious Emission, TM6, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

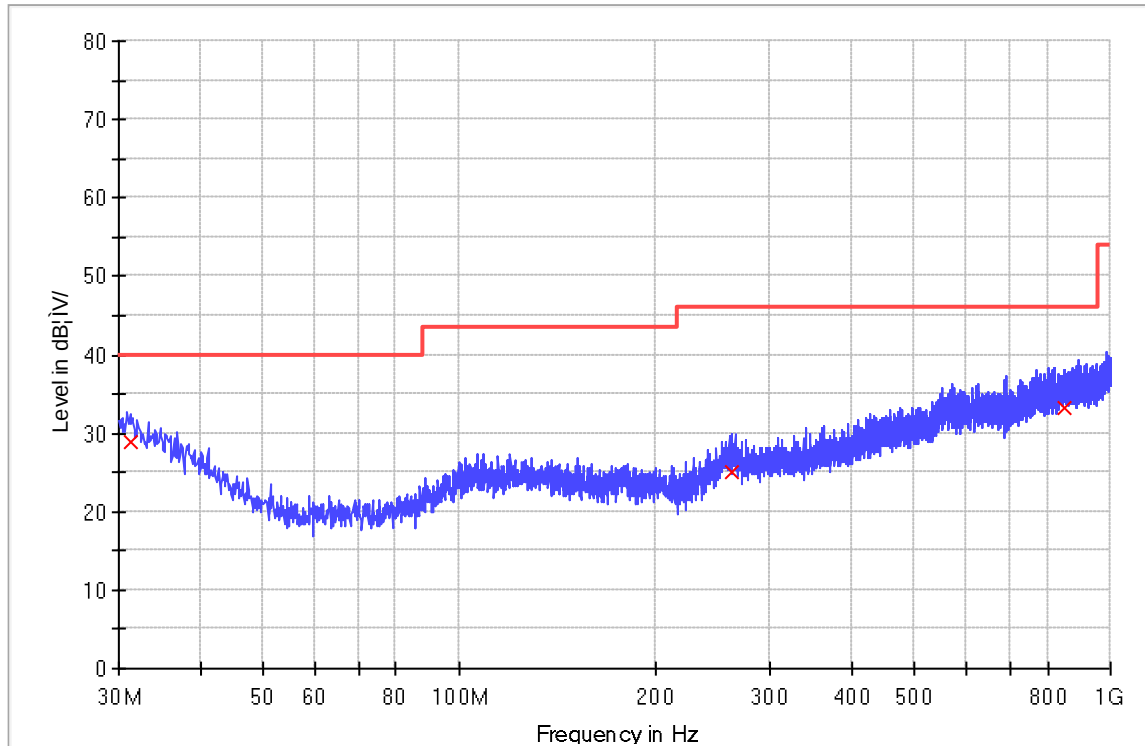


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.455000	28.7	H	24.7	11.3	40.0
261.587500	25.1	H	20.7	20.9	46.0
932.706250	33.6	H	28.2	12.4	46.0

Figure 63: Radiated Spurious Emission, TM6, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

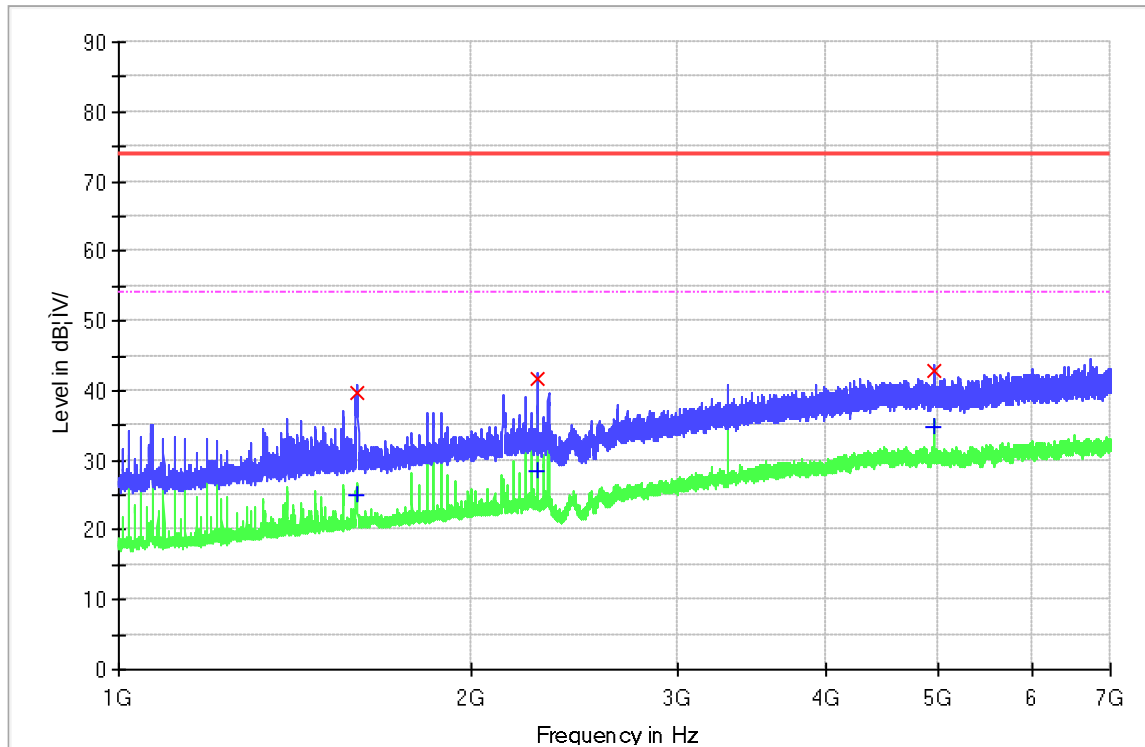


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	28.8	V	24.8	11.2	40.0
262.072500	25.0	V	20.7	21.0	46.0
847.588750	33.2	V	27.8	12.8	46.0

Figure 64: Radiated Spurious Emission, TM6, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

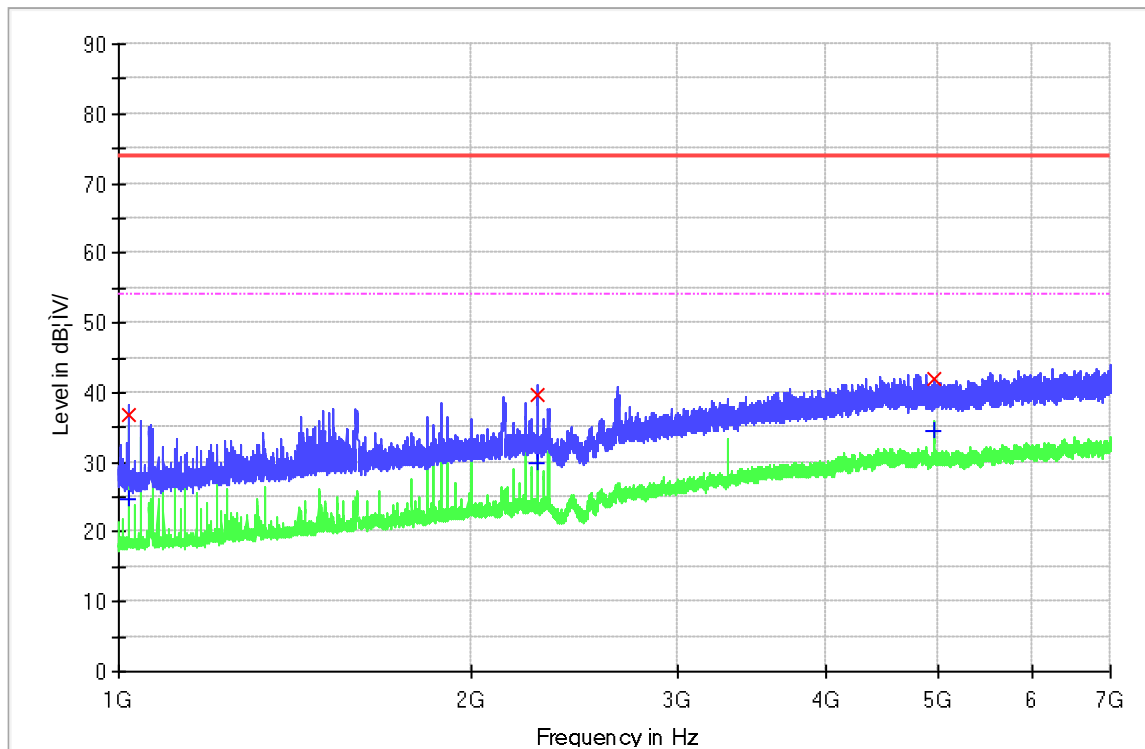
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1598.312500	39.6	H	-18.3	34.4	74.0
2271.812500	41.6	H	-15.1	32.4	74.0
4959.812500	42.9	H	-6.6	31.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1598.312500	25.1	H	-18.3	28.9	54.0
2271.812500	28.6	H	-15.1	25.4	54.0
4959.812500	34.7	H	-6.6	19.3	54.0

Figure 65: 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)
1019.875000	36.7	V	-22.4	37.3	74.0
2271.812500	39.7	V	-15.1	34.3	74.0
4960.000000	41.9	V	-6.6	32.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1019.875000	24.7	V	-22.4	29.3	54.0
2271.812500	29.8	V	-15.1	24.2	54.0
4960.000000	34.6	V	-6.6	19.4	54.0

Figure 66: Radiated Spurious Emission, TM6, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

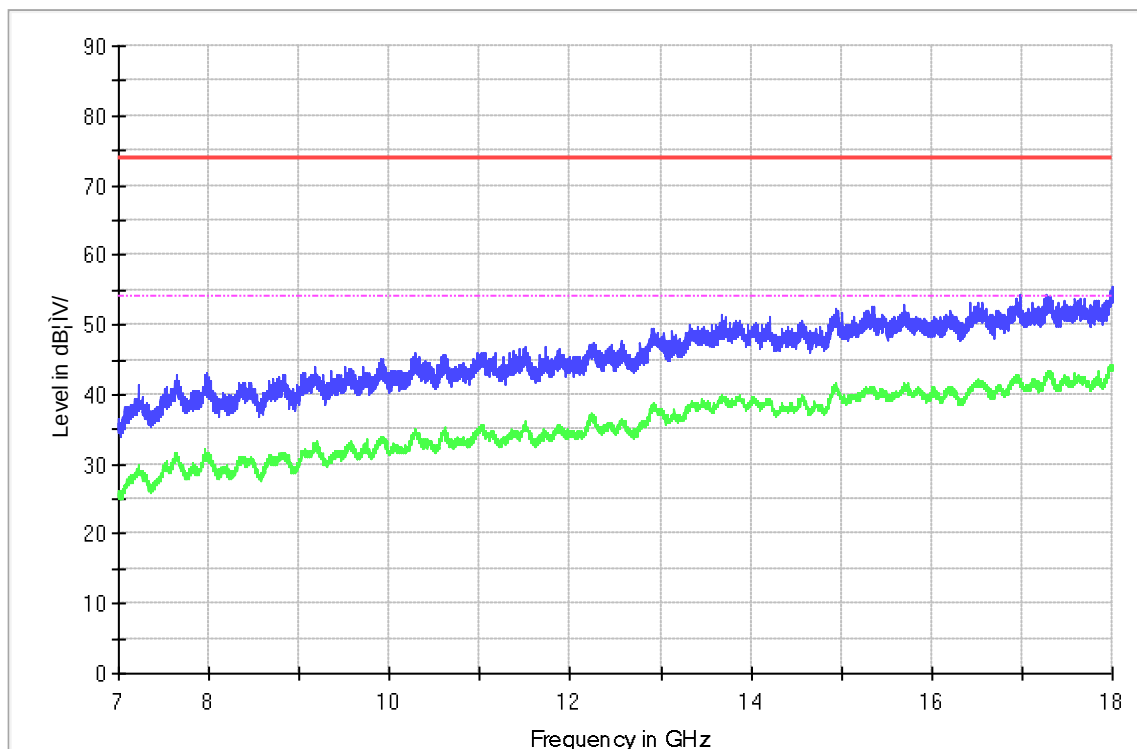


Figure 67: Radiated Spurious Emission, TM6, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

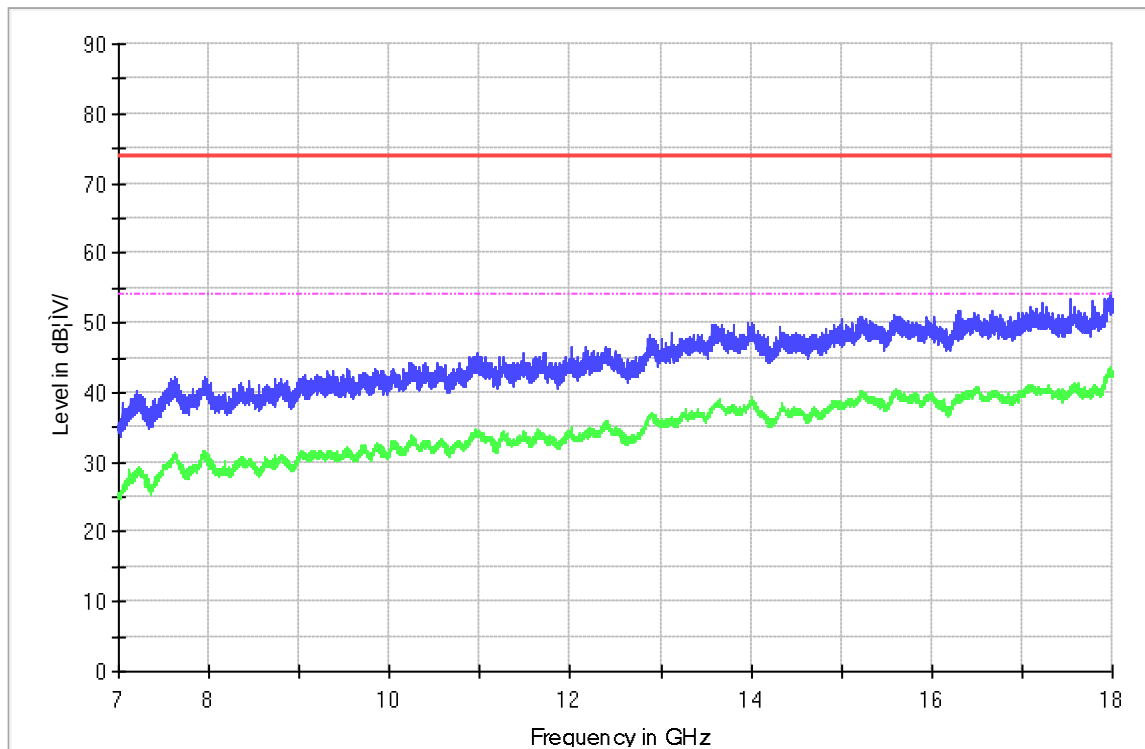


Figure 68: Radiated Spurious Emission, TM6, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

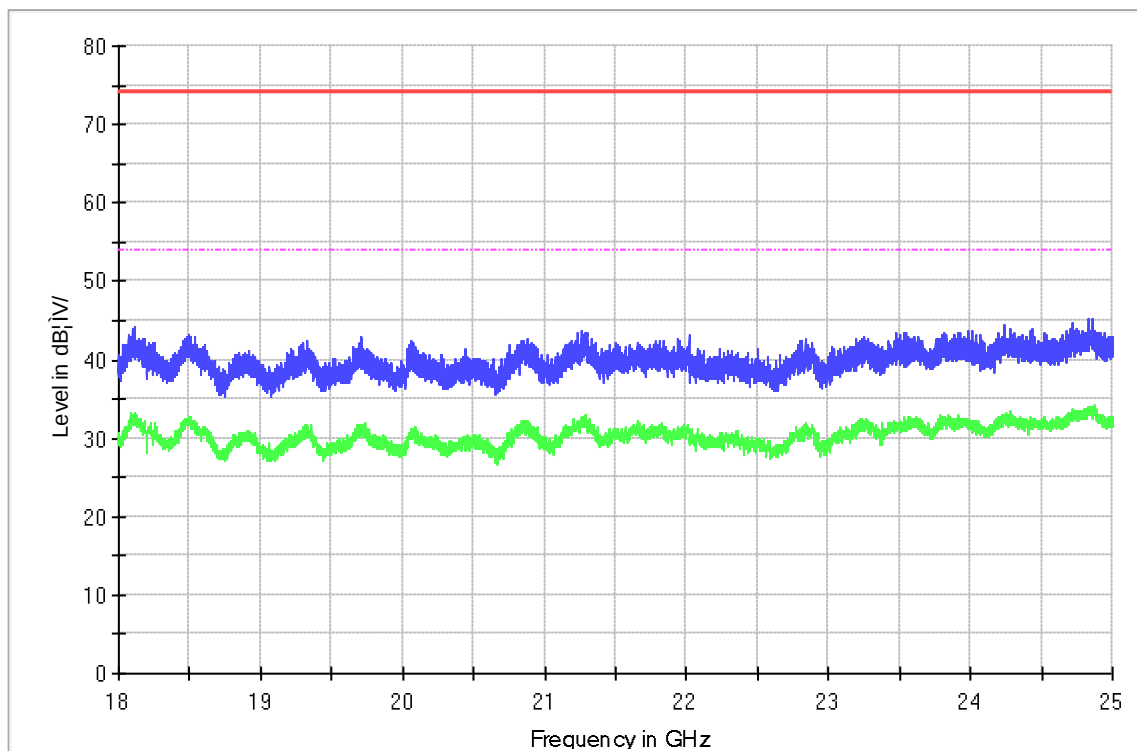


Figure 69: Radiated Spurious Emission, TM6, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

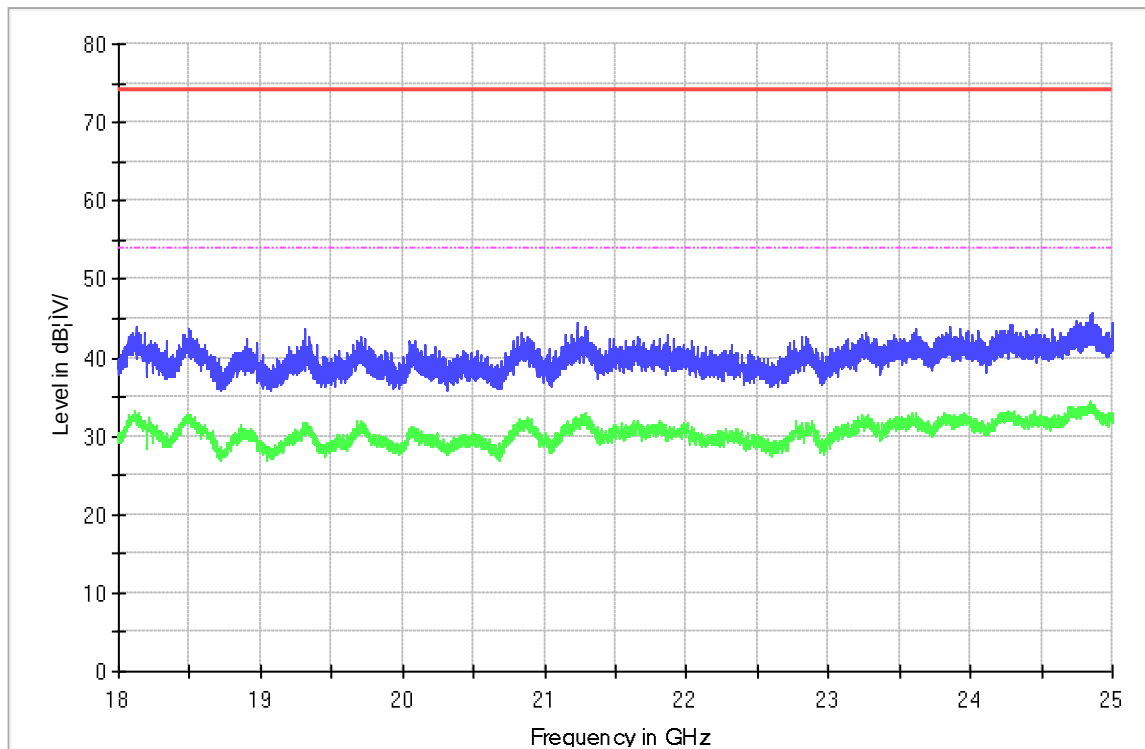
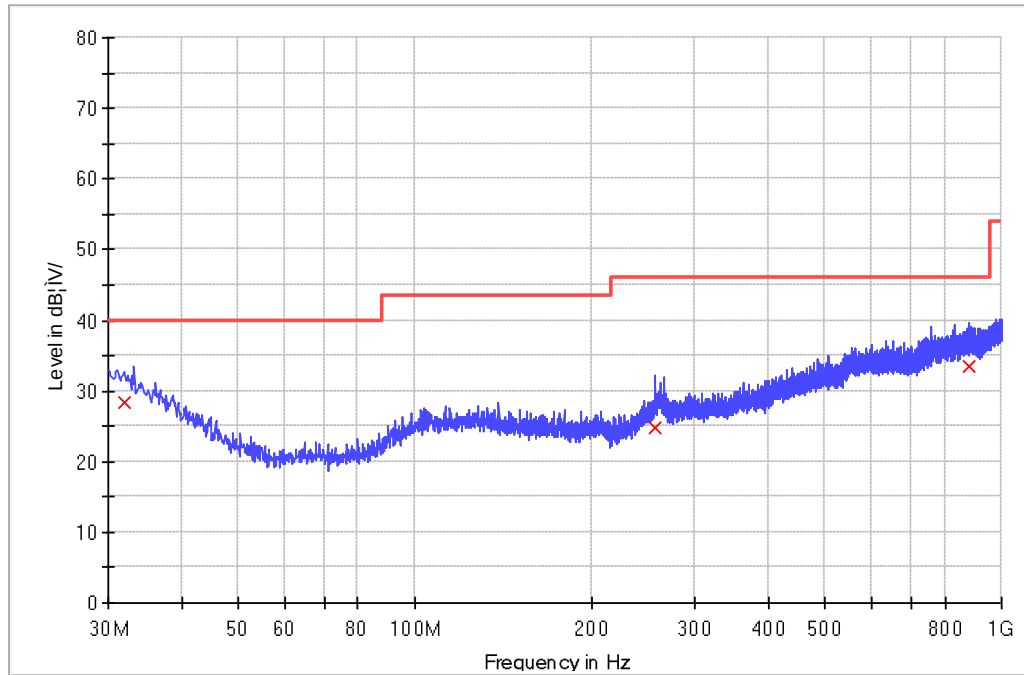


Figure 70: Radiated Spurious Emission, TM7, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

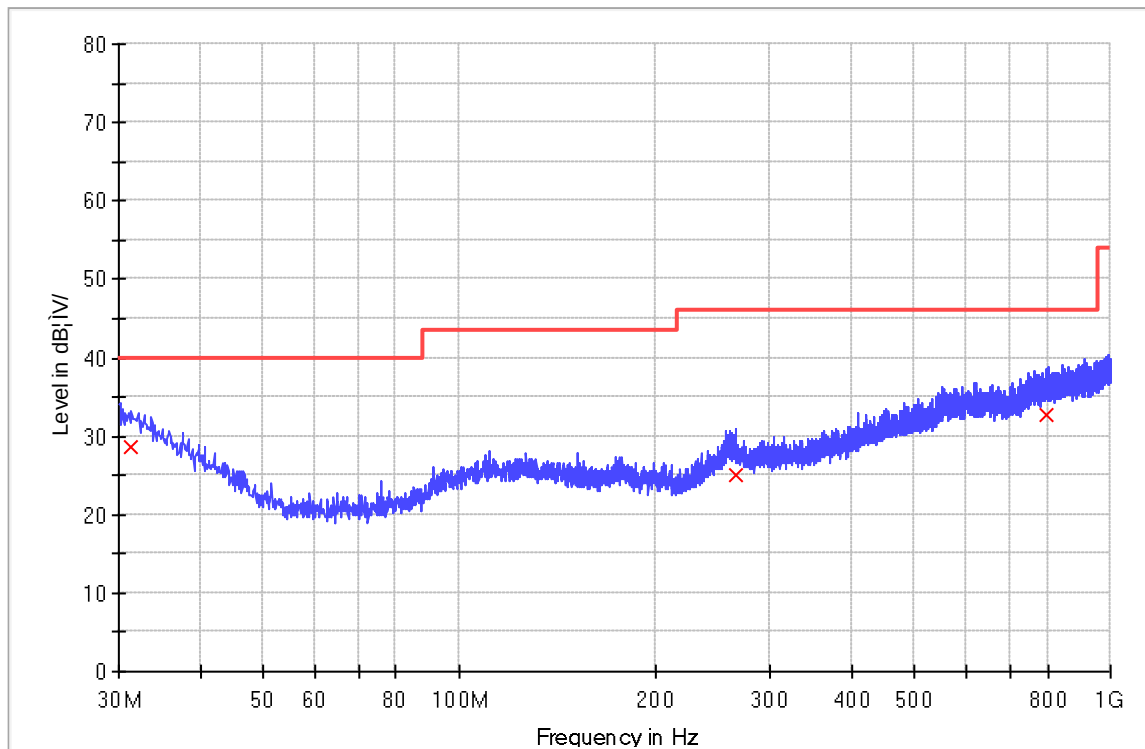


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.940000	28.5	H	24.5	11.5	40.0
256.616250	24.8	H	20.2	21.2	46.0
879.235000	33.4	H	28.0	12.6	46.0

Figure 71: Radiated Spurious Emission, TM7, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

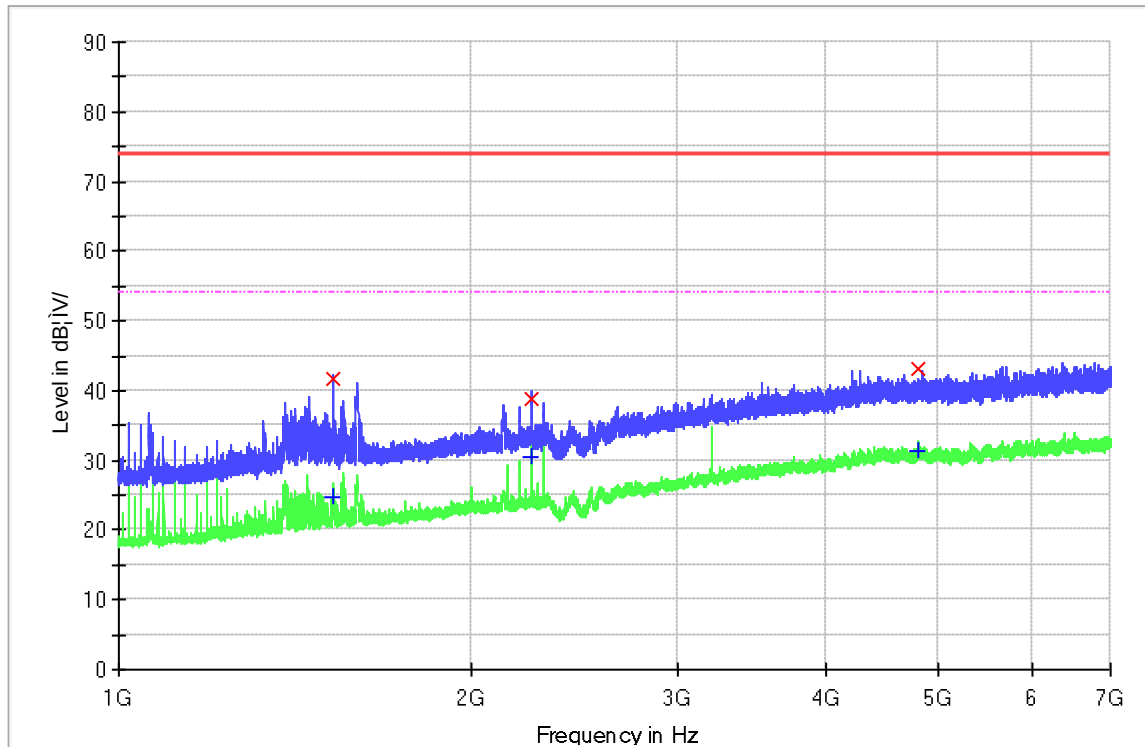


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	28.8	V	24.8	11.2	40.0
265.346250	25.0	V	20.6	21.0	46.0
799.088750	32.7	V	27.4	13.3	46.0

Figure 72: Radiated Spurious Emission, TM7, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

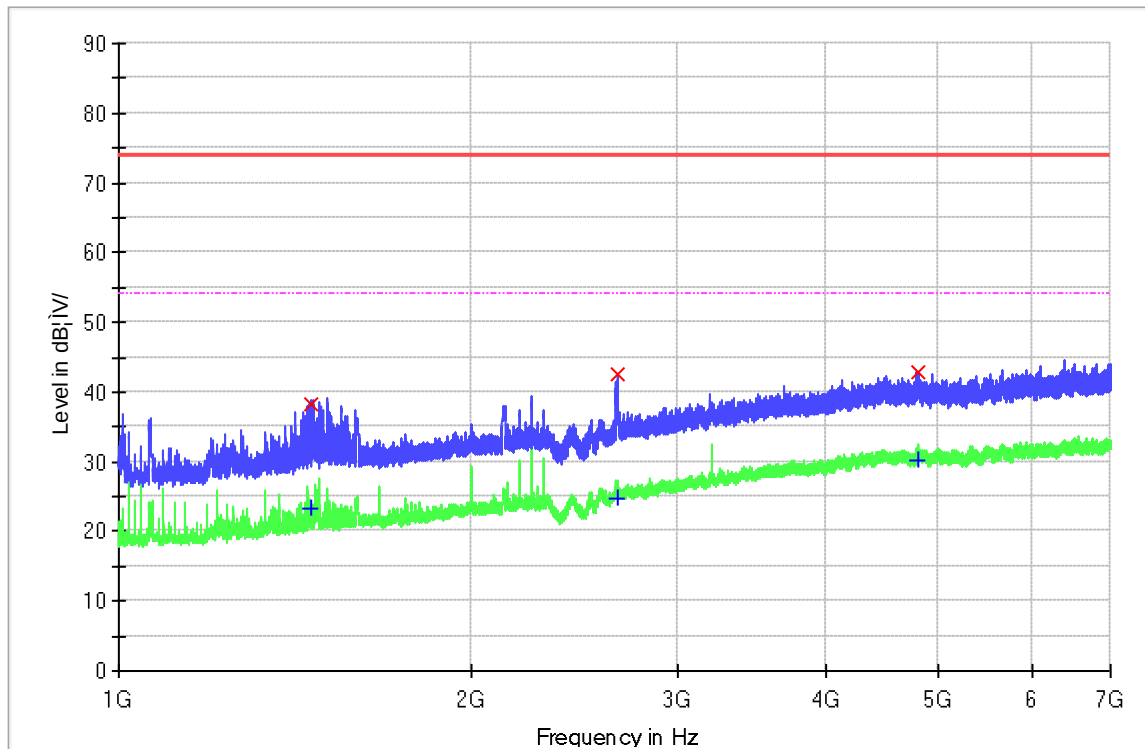
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1524.062500	41.6	H	-18.7	32.4	74.0
2245.562500	38.9	H	-15.2	35.1	74.0
4804.187500	43.2	H	-6.5	30.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1524.062500	24.6	H	-18.7	29.4	54.0
2245.562500	30.5	H	-15.2	23.5	54.0
4804.187500	31.2	H	-6.5	22.8	54.0

Figure 73: Radiated Spurious Emission, TM7, 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)
1460.312500	38.1	V	-19.2	35.9	74.0
2660.687500	42.5	V	-13.3	31.5	74.0
4804.187500	43.0	V	-6.5	31.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1460.312500	23.3	V	-19.2	30.7	54.0
2660.687500	24.6	V	-13.3	29.4	54.0
4804.187500	30.3	V	-6.5	23.7	54.0

Figure 74: Radiated Spurious Emission, TM7, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

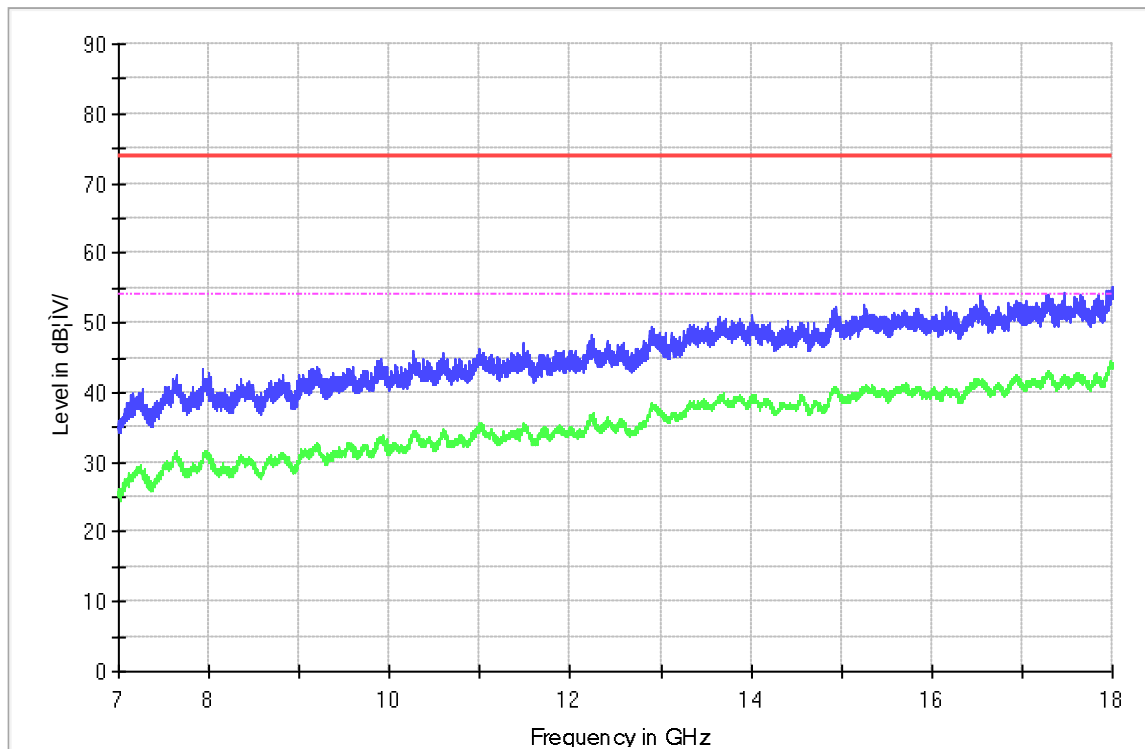


Figure 75: Radiated Spurious Emission, TM7, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

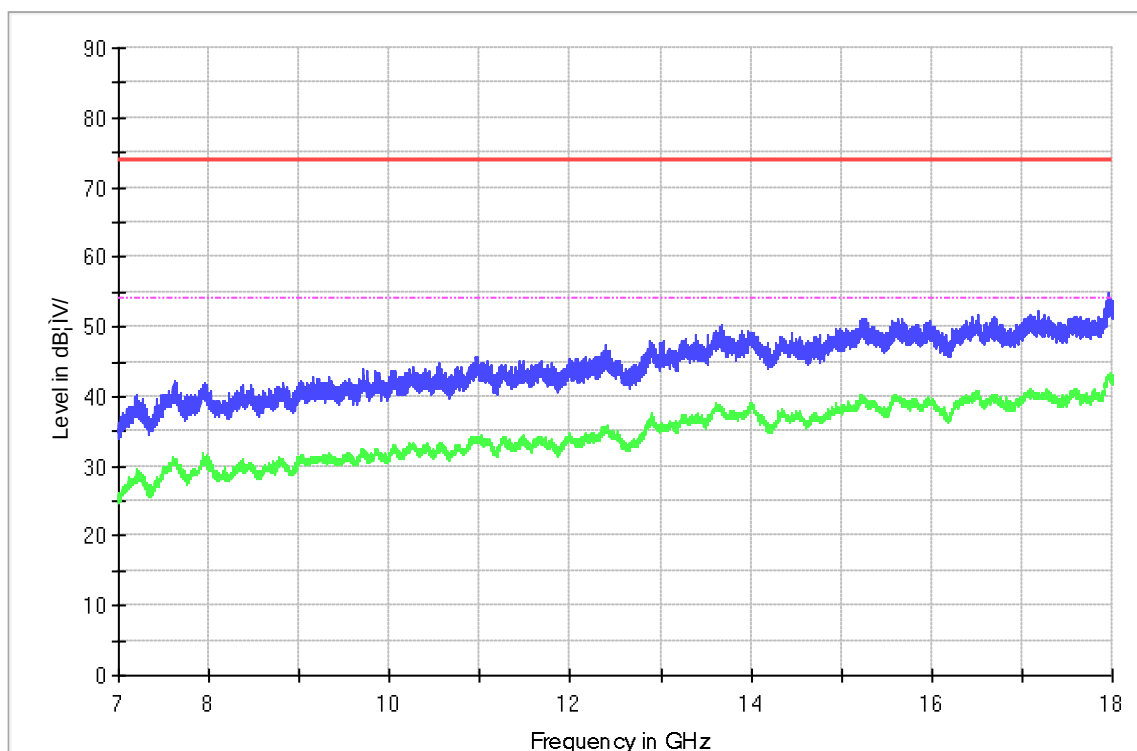


Figure 76: Radiated Spurious Emission, TM7, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

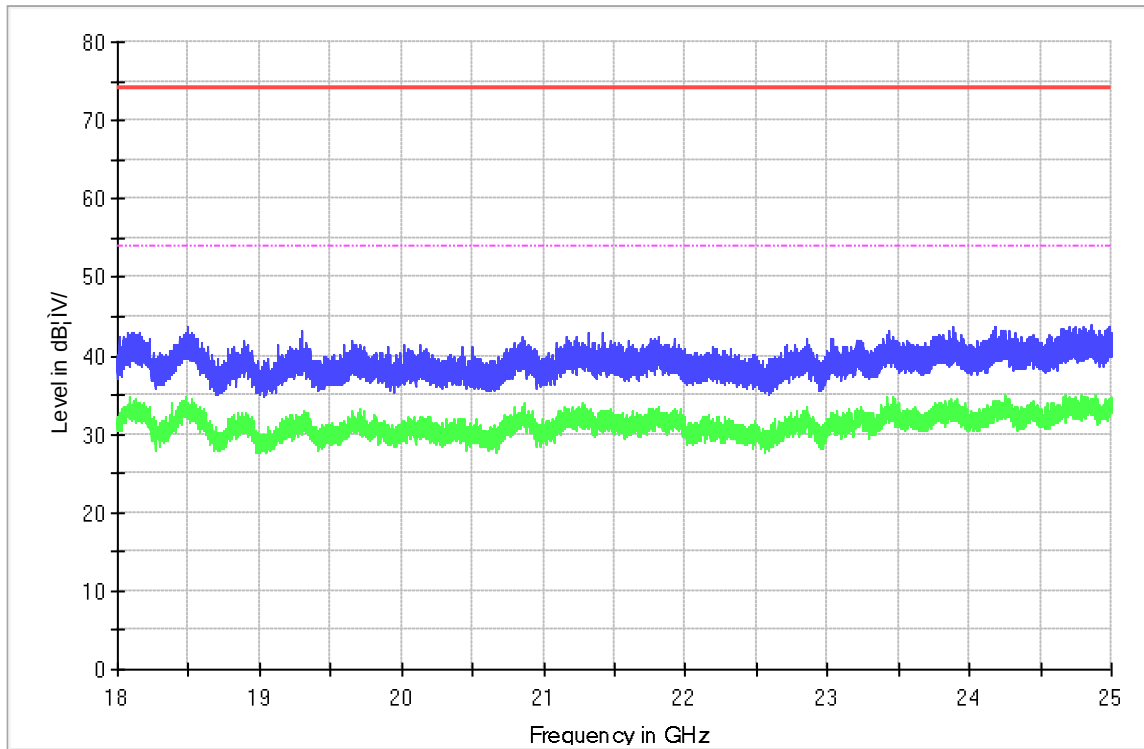


Figure 77: Radiated Spurious Emission, TM7, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

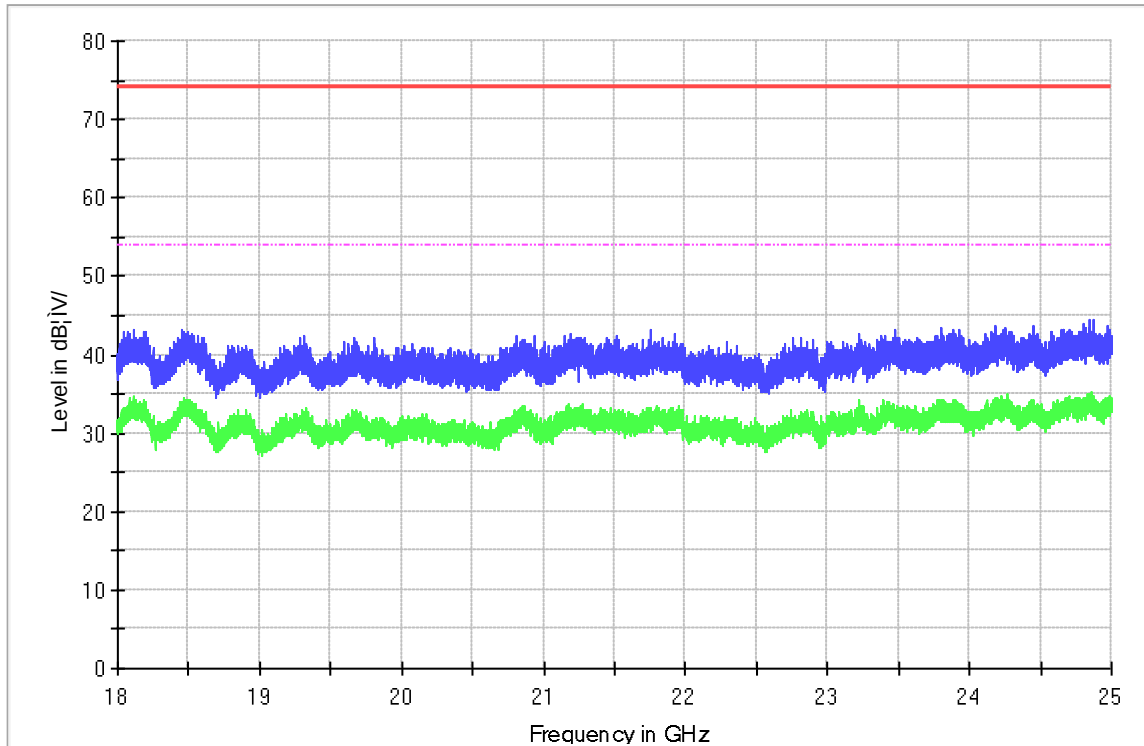
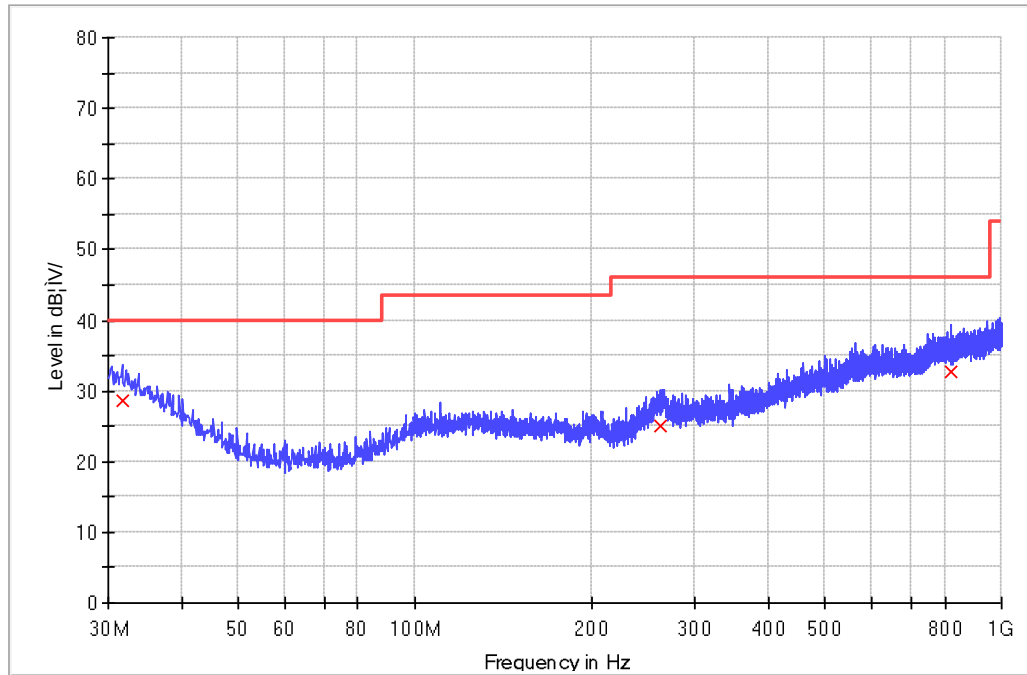


Figure 78: Radiated Spurious Emission, TM8, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

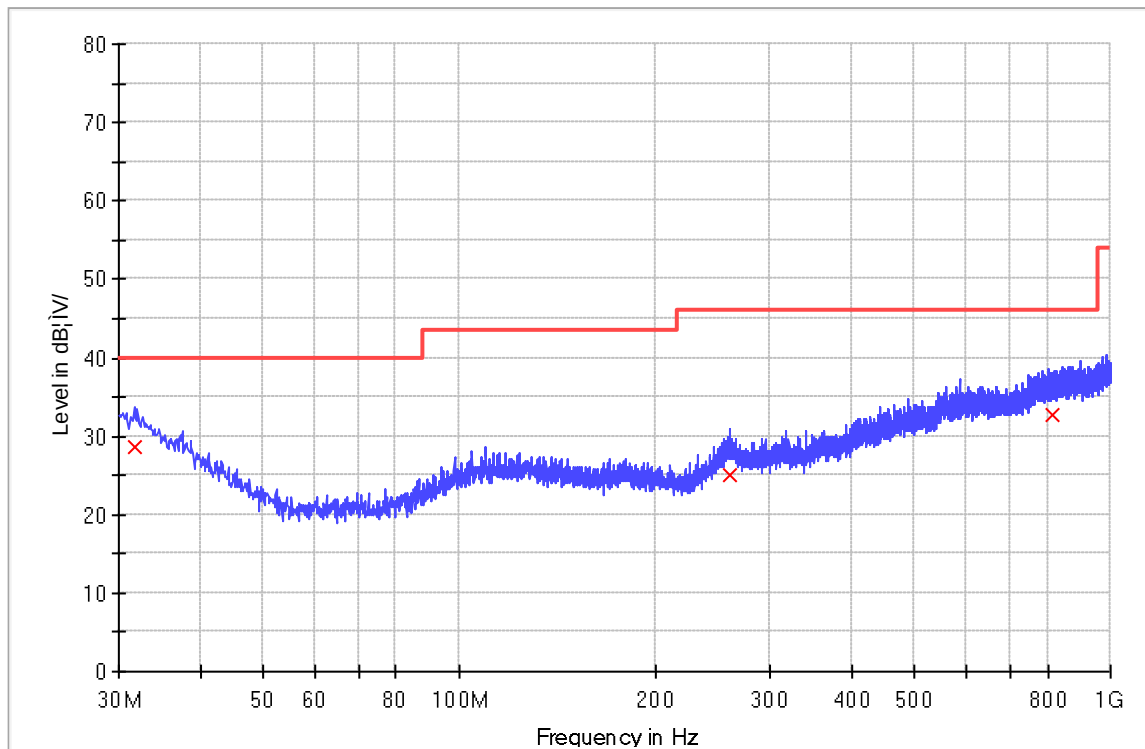


Limit and Margin

Frequency (MHz)	QuasiPeak (dBμV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
31.697500	28.6	H	24.6	11.4	40.0
261.223750	25.1	H	20.7	20.9	46.0
821.398750	32.8	H	27.5	13.2	46.0

Figure 79: Radiated Spurious Emission, TM8, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

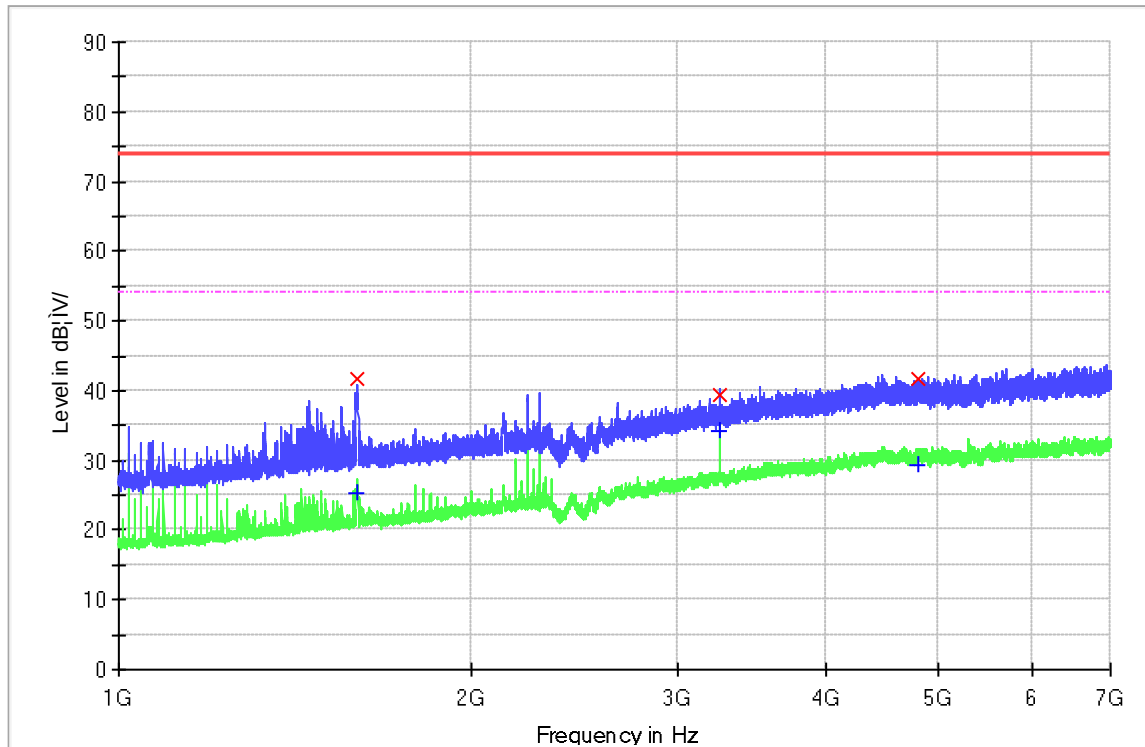


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.697500	28.6	V	24.6	11.4	40.0
259.526250	25.0	V	20.6	21.0	46.0
816.306250	32.8	V	27.5	13.2	46.0

Figure 80: Radiated Spurious Emission, TM8, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

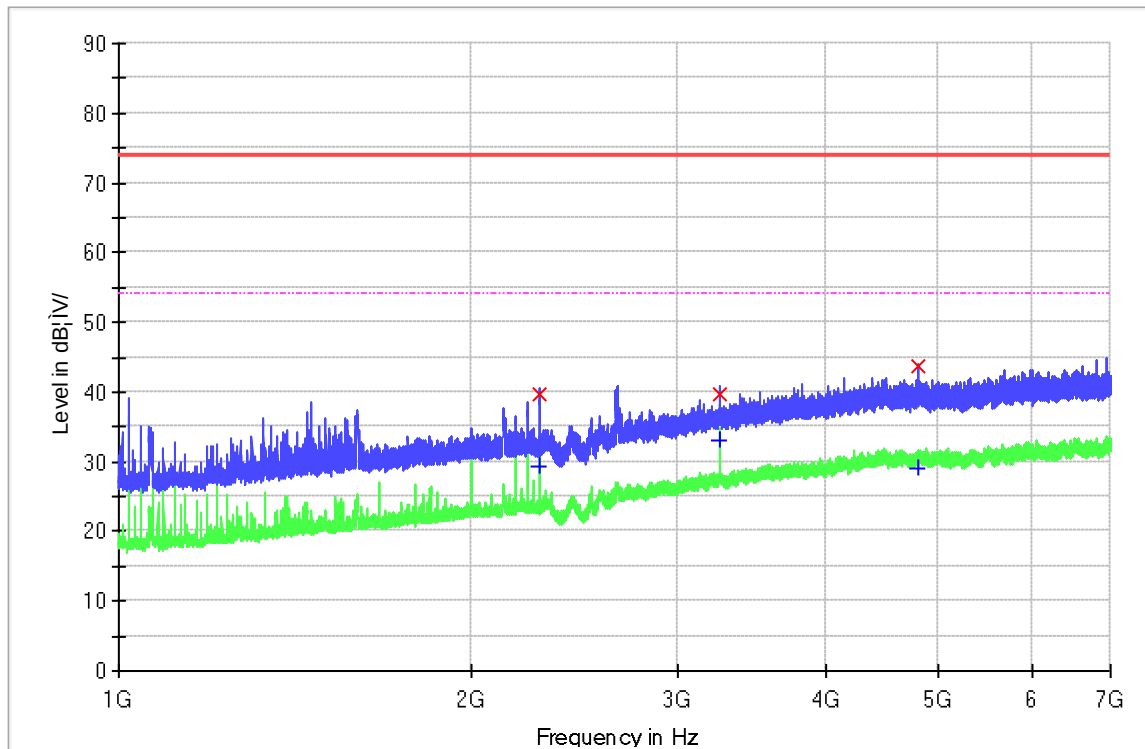
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1598.875000	41.8	H	-18.3	32.2	74.0
3254.500000	39.4	H	-10.5	34.6	74.0
4806.250000	41.8	H	-6.5	32.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1598.875000	25.2	H	-18.3	28.8	54.0
3254.500000	34.1	H	-10.5	19.9	54.0
4806.250000	29.3	H	-6.5	24.7	54.0

Figure 81: Radiated Spurious Emission, TM8, 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)
2284.937500	39.8	V	-15.0	34.2	74.0
3254.875000	39.8	V	-10.5	34.2	74.0
4796.687500	43.8	V	-6.5	30.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
2284.937500	29.4	V	-15.0	24.6	54.0
3254.875000	33.0	V	-10.5	21.0	54.0
4796.687500	29.1	V	-6.5	24.9	54.0

Figure 82: Radiated Spurious Emission, TM8, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

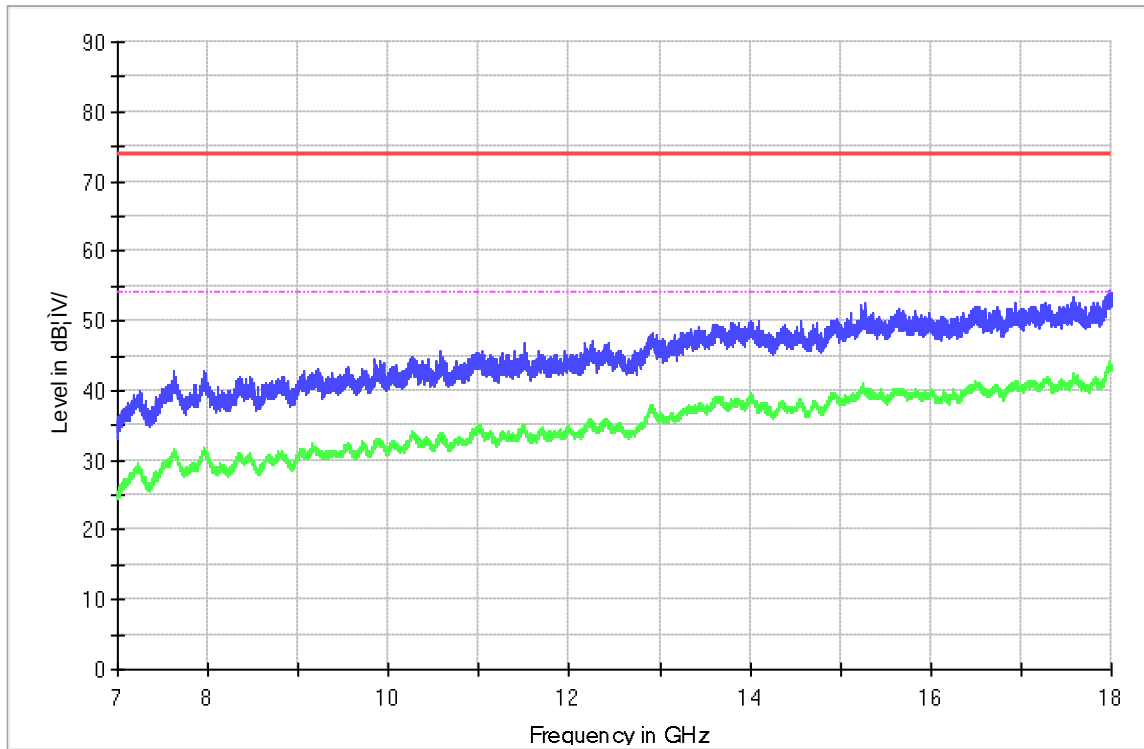


Figure 83: Radiated Spurious Emission, TM8, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

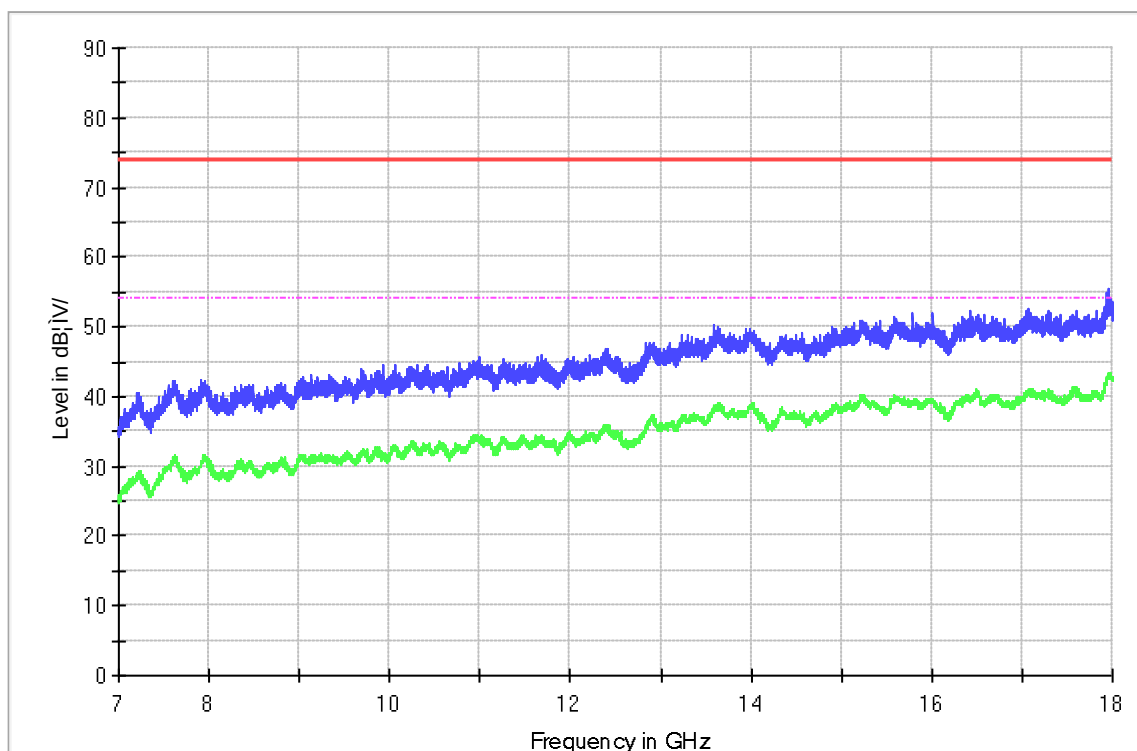


Figure 84: Radiated Spurious Emission, TM8, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

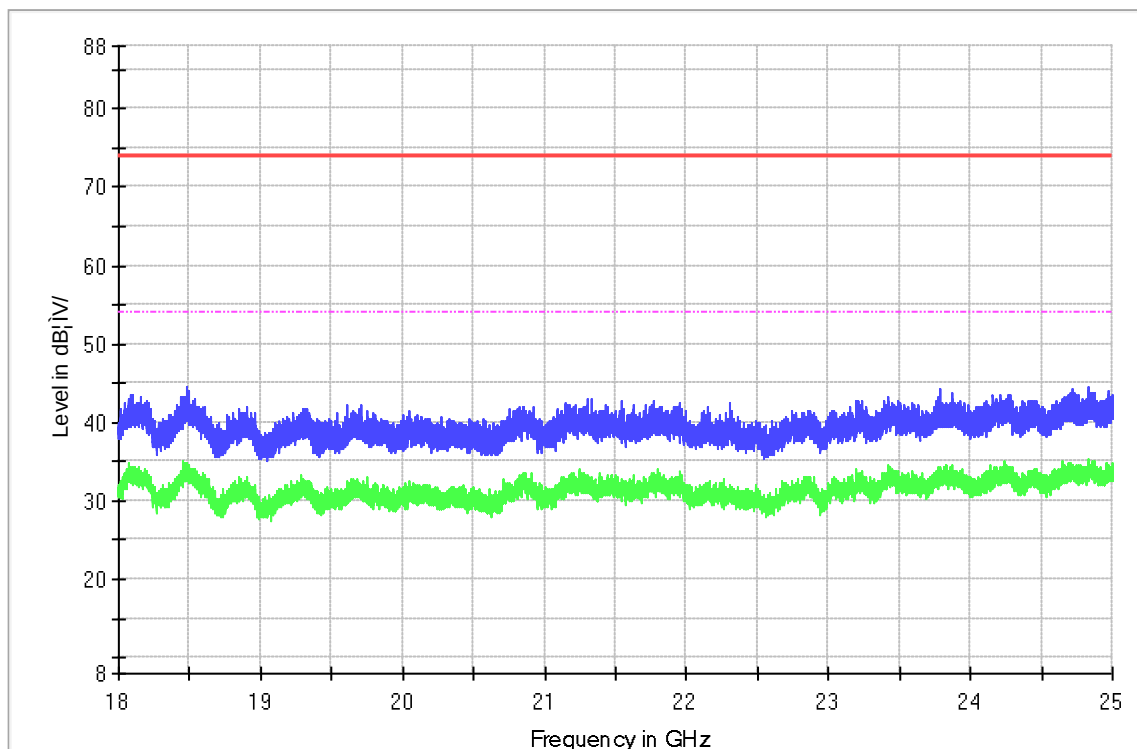


Figure 85: Radiated Spurious Emission, TM8, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

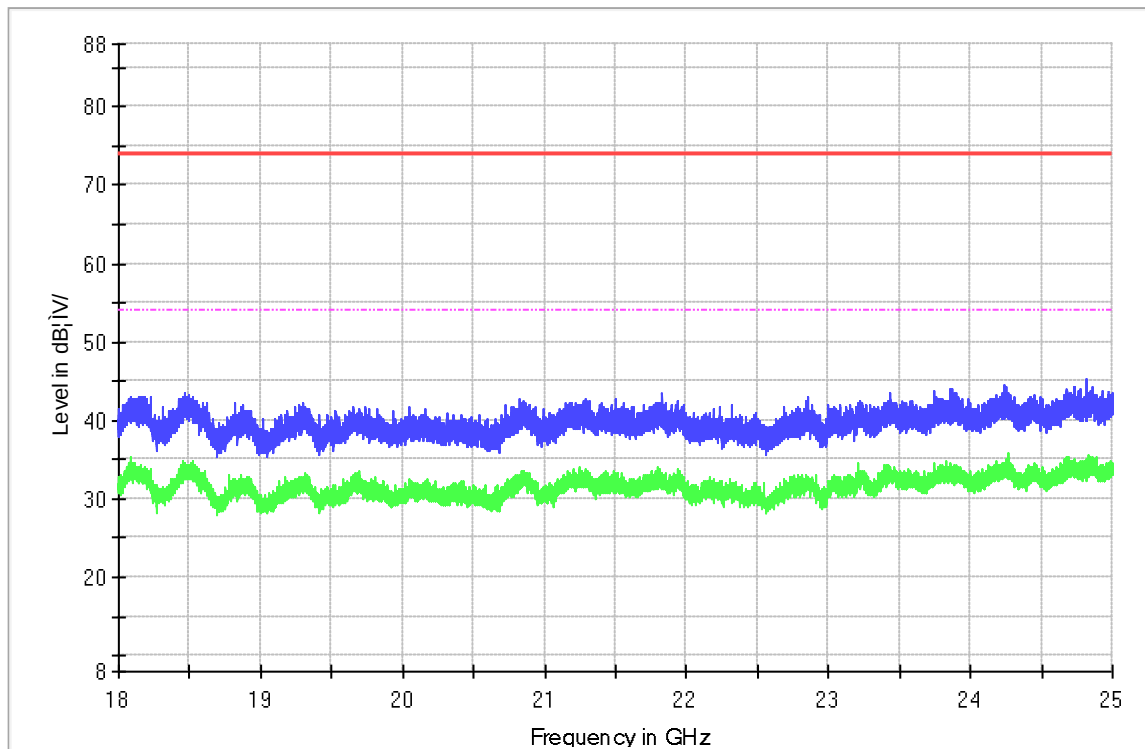
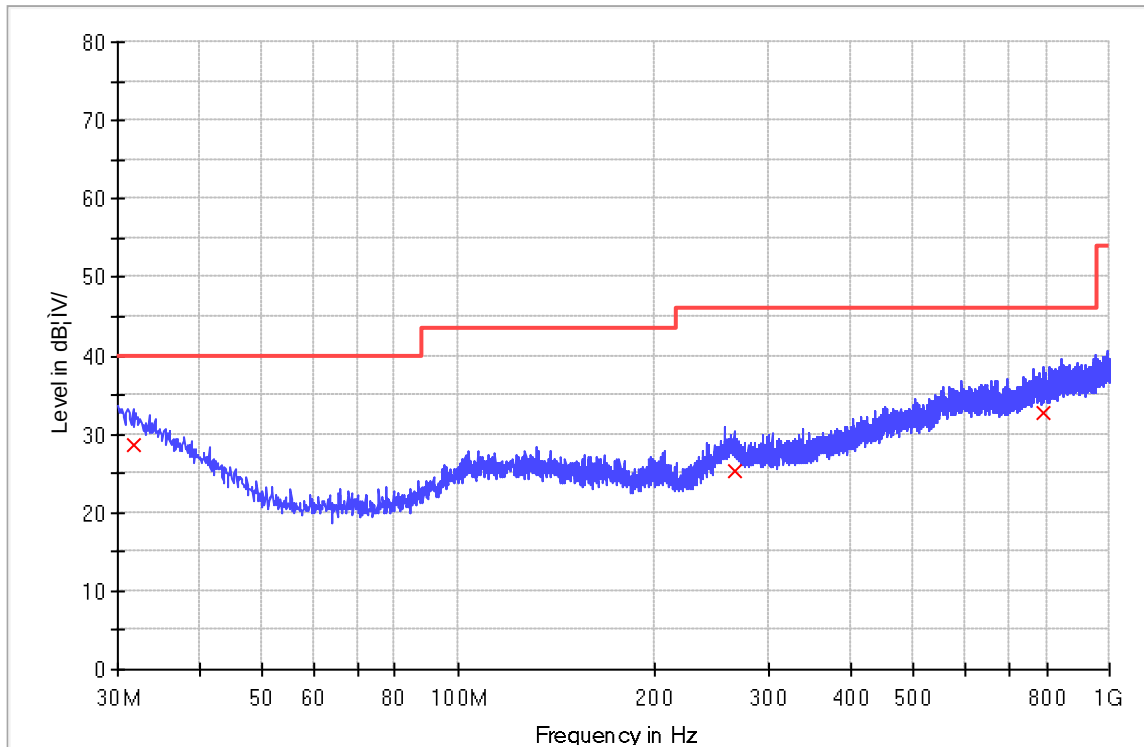


Figure 86: Radiated Spurious Emission, TM9, 30MHz to 1GHz, H

_Radiated emission (30M-1GHz) 1 Range_FCC

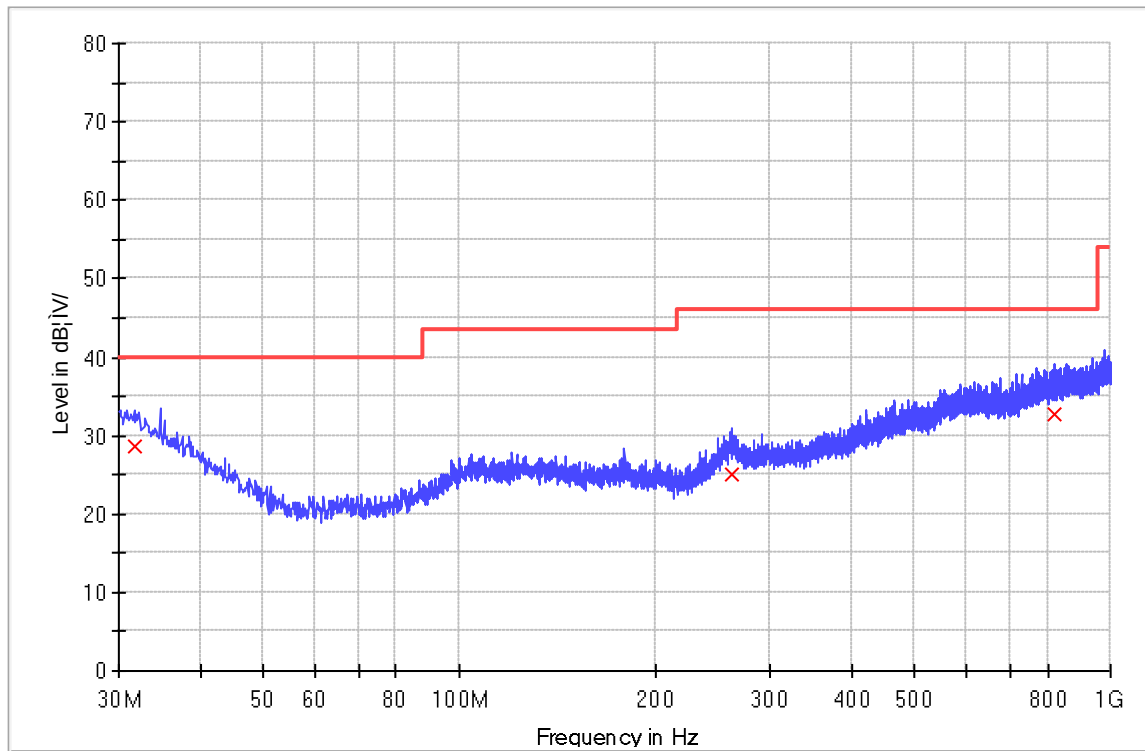


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.697500	28.7	H	24.6	11.3	40.0
264.982500	25.2	H	20.7	20.8	46.0
793.026250	32.8	H	27.6	13.2	46.0

Figure 87: Radiated Spurious Emission, TM9, 30MHz to 1GHz, V

_Radiated emission (30M-1GHz) 1 Range_FCC

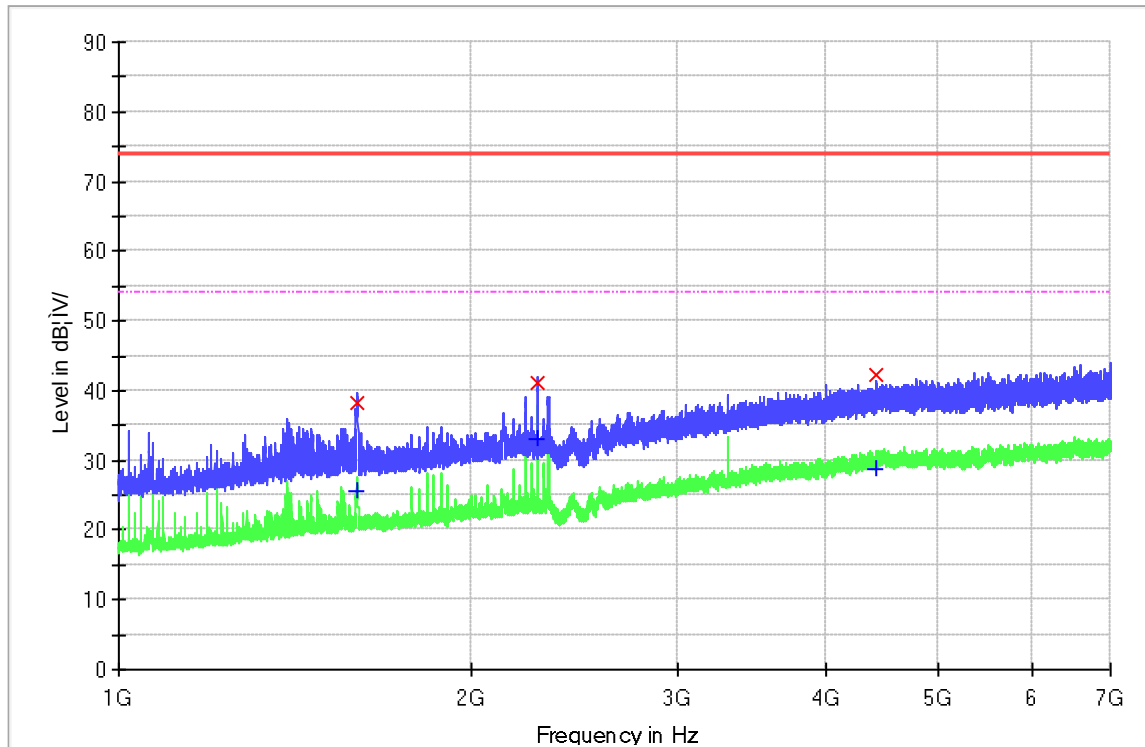


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.697500	28.6	V	24.6	11.4	40.0
261.951250	25.0	V	20.7	21.0	46.0
819.701250	32.8	V	27.5	13.2	46.0

Figure 88: Radiated Spurious Emission, TM9, 1GHz to 7GHz, H

RE_1-1 8GHz_HL050_FSV40_Pre


Limit and Margin PK

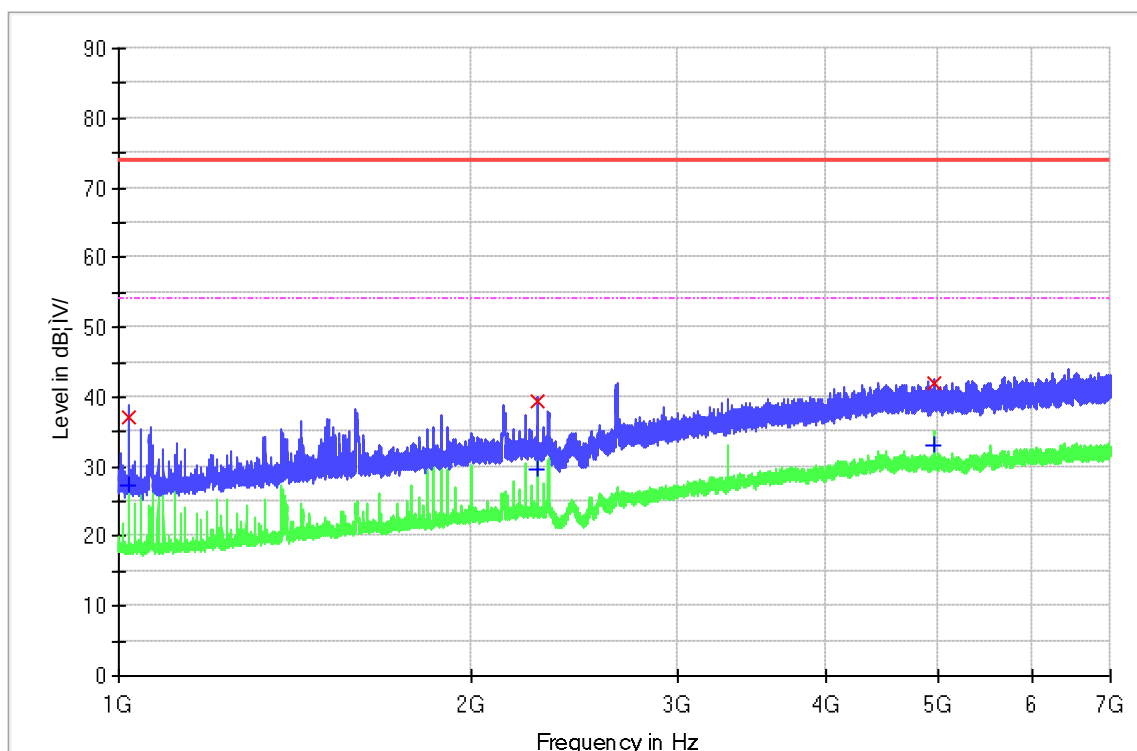
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1595.500000	38.1	H	-18.3	35.9	74.0
2272.187500	41.1	H	-15.1	32.9	74.0
4420.187500	42.2	H	-6.6	31.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1595.500000	25.7	H	-18.3	28.3	54.0
2272.187500	33.0	H	-15.1	21.0	54.0
4420.187500	28.8	H	-6.6	25.2	54.0

Figure 89: Radiated Spurious Emission, TM9, 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)
1019.875000	37.1	V	-22.4	36.9	74.0
2271.812500	39.3	V	-15.1	34.7	74.0
4960.375000	42.1	V	-6.6	31.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1019.875000	27.3	V	-22.4	26.7	54.0
2271.812500	29.6	V	-15.1	24.4	54.0
4960.375000	33.0	V	-6.6	21.0	54.0

Figure 90: Radiated Spurious Emission, TM9, 7GHz to 18GHz, H

RE_1-18GHz_HL050_FSV40_Pre

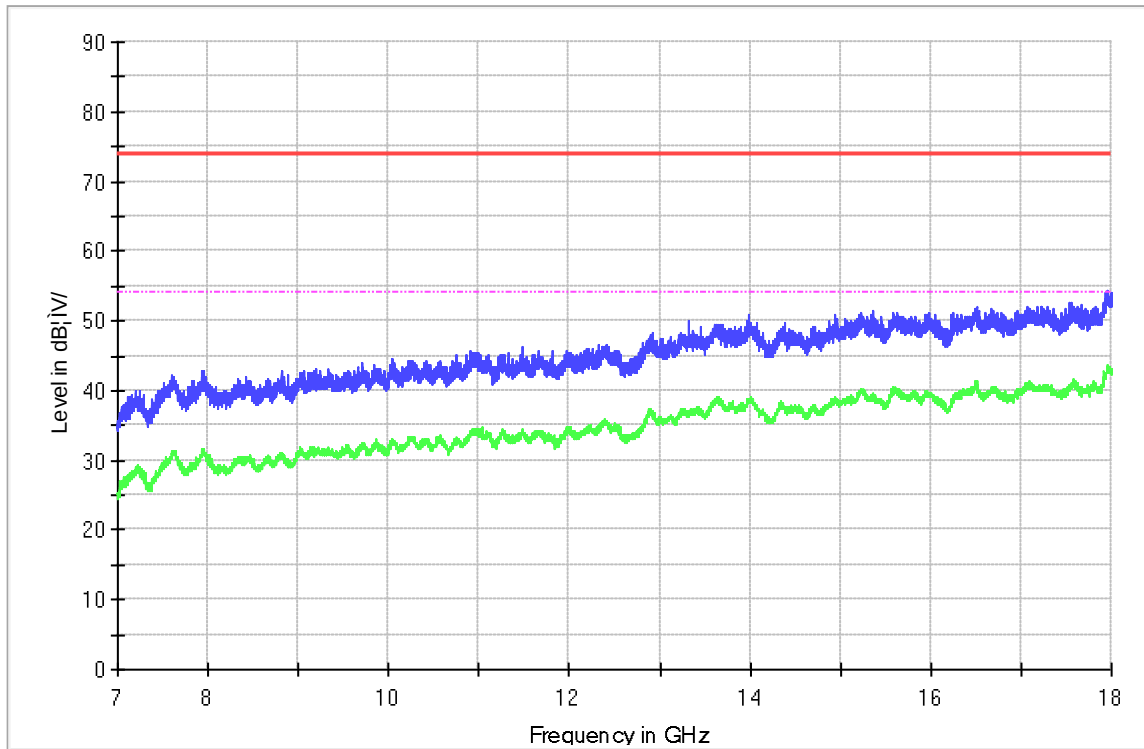


Figure 91: Radiated Spurious Emission, TM9, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

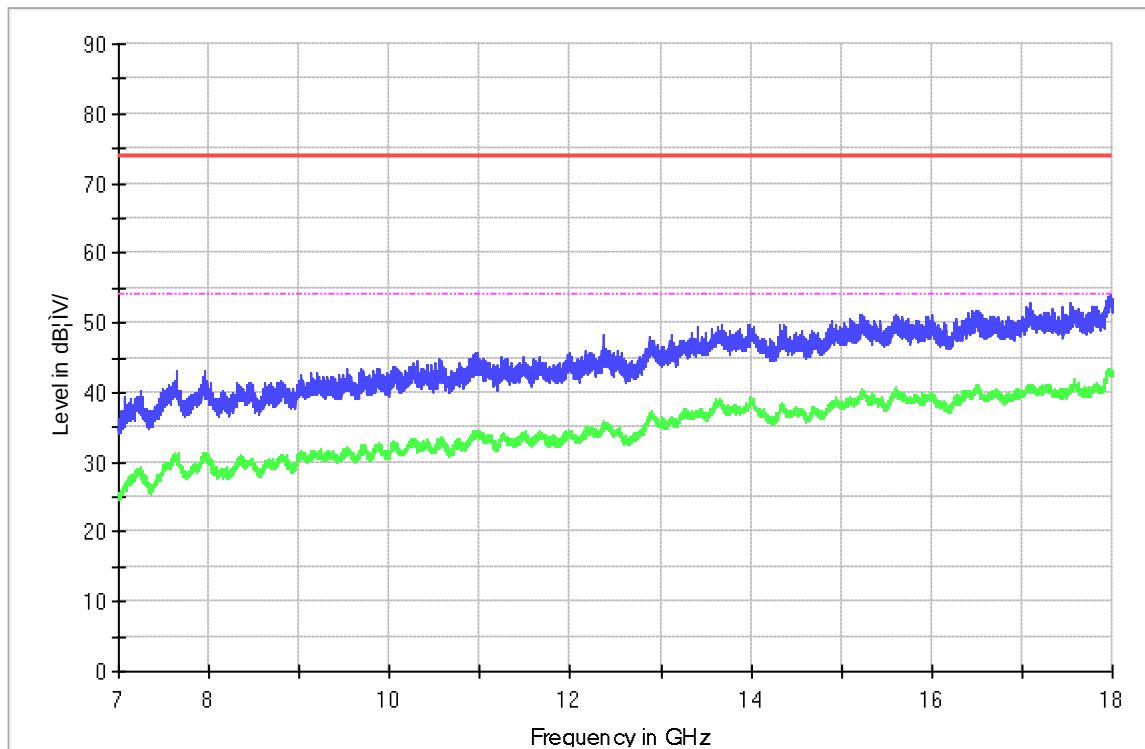


Figure 92: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

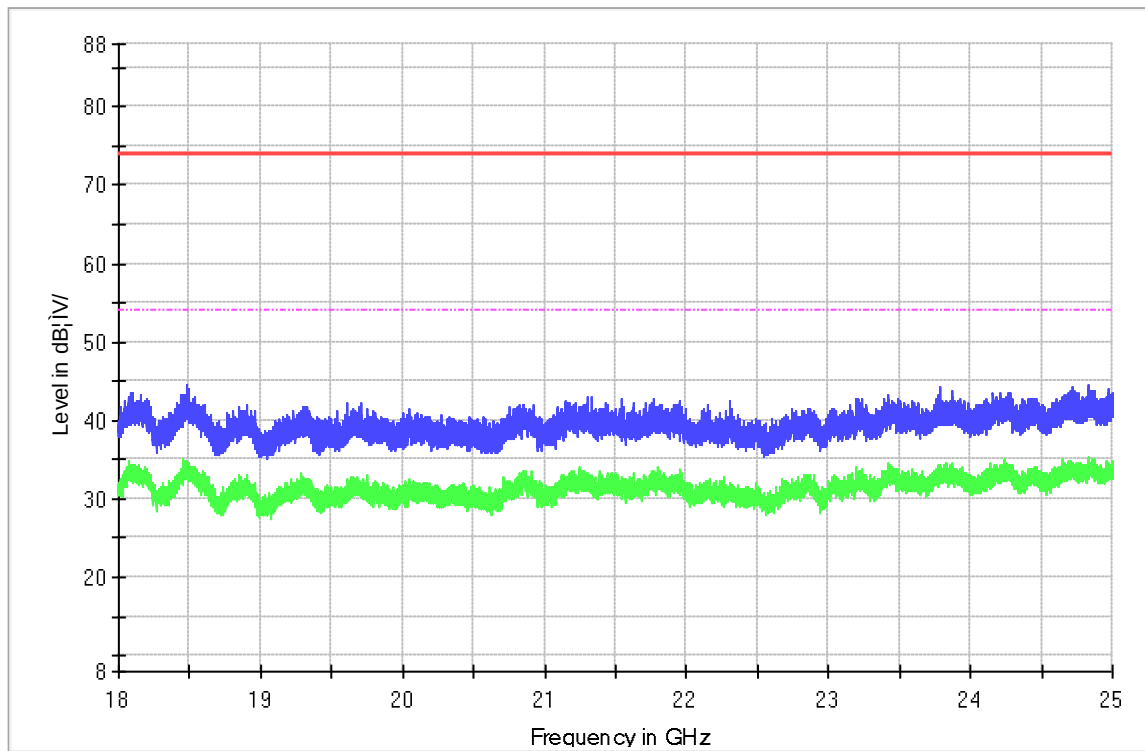
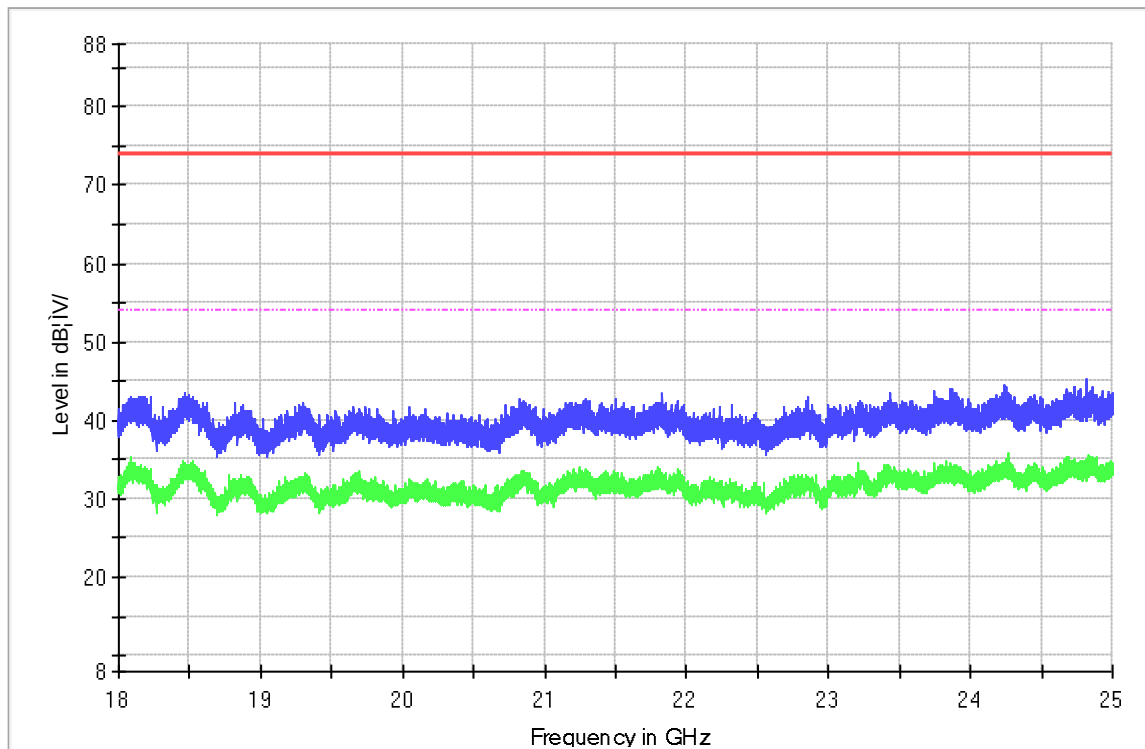


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