

Figure 15: Radiated Band-Edge, TM4, V

RE_1-1.8GHz_HL050_FSV40_Pre

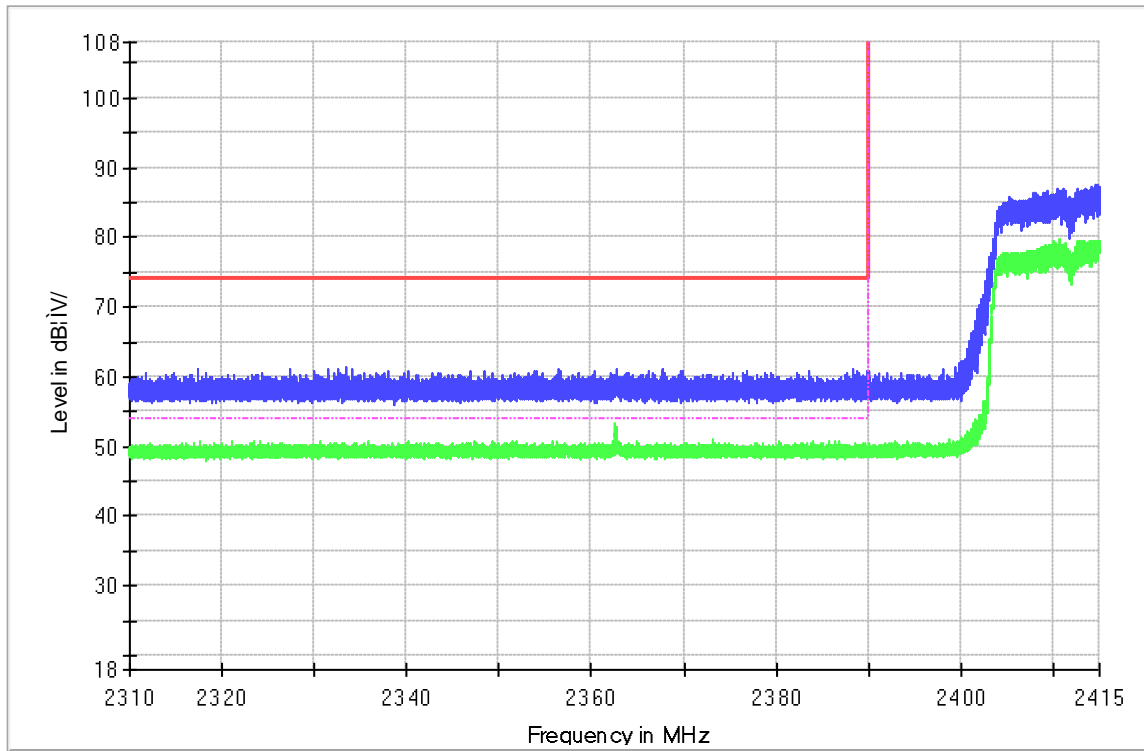


Figure 16: Radiated Band-Edge, TM6, H

RE_1-1.8GHz_HL050_FSV40_Pre

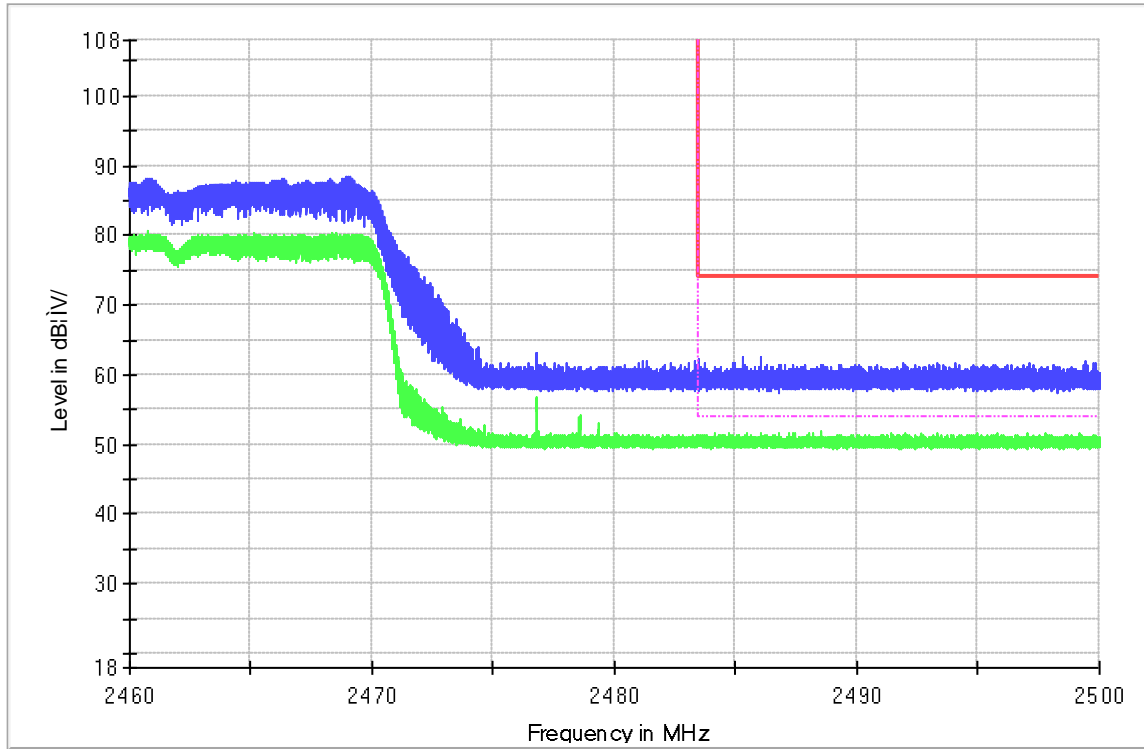


Figure 17: Radiated Band-Edge, TM6, V

RE_1-1.8GHz_HL050_FSV40_Pre

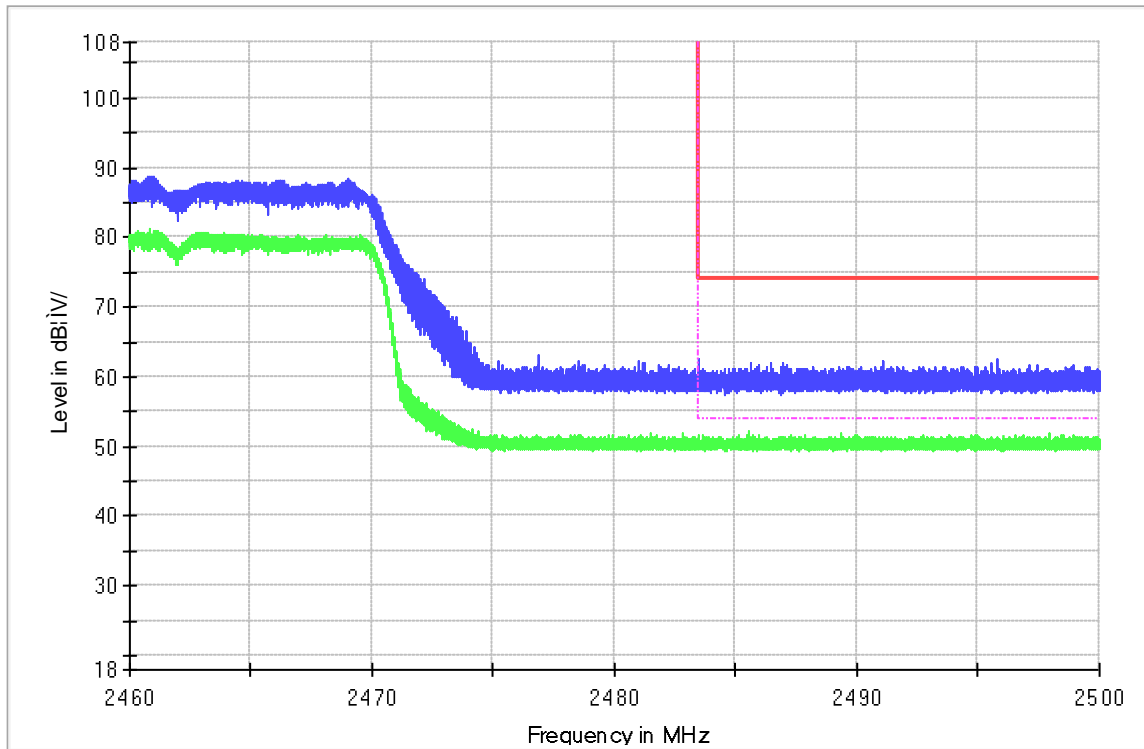


Figure 18: Radiated Band-Edge, TM7, H

RE_1-1.8GHz_HL050_FSV40_Pre

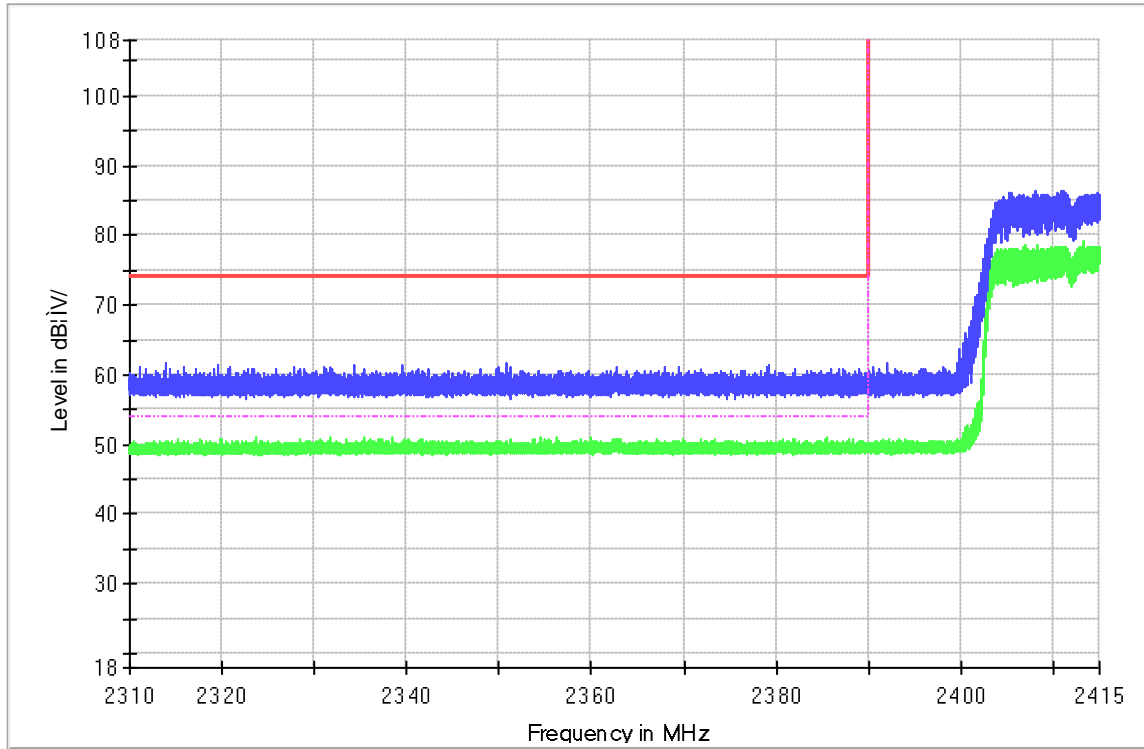


Figure 19: Radiated Band-Edge, TM7, V

RE_1-1.8GHz_HL050_FSV40_Pre

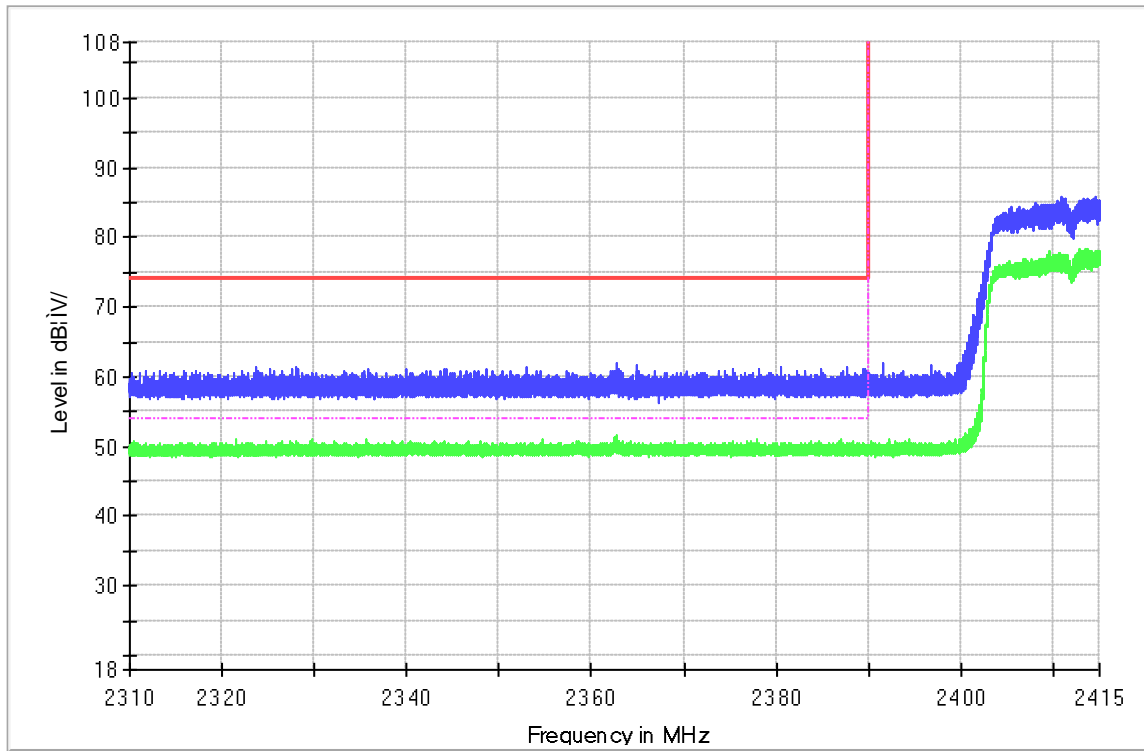


Figure 20: Radiated Band-Edge, TM9, H

RE_1-1.8GHz_HL050_FSV40_Pre

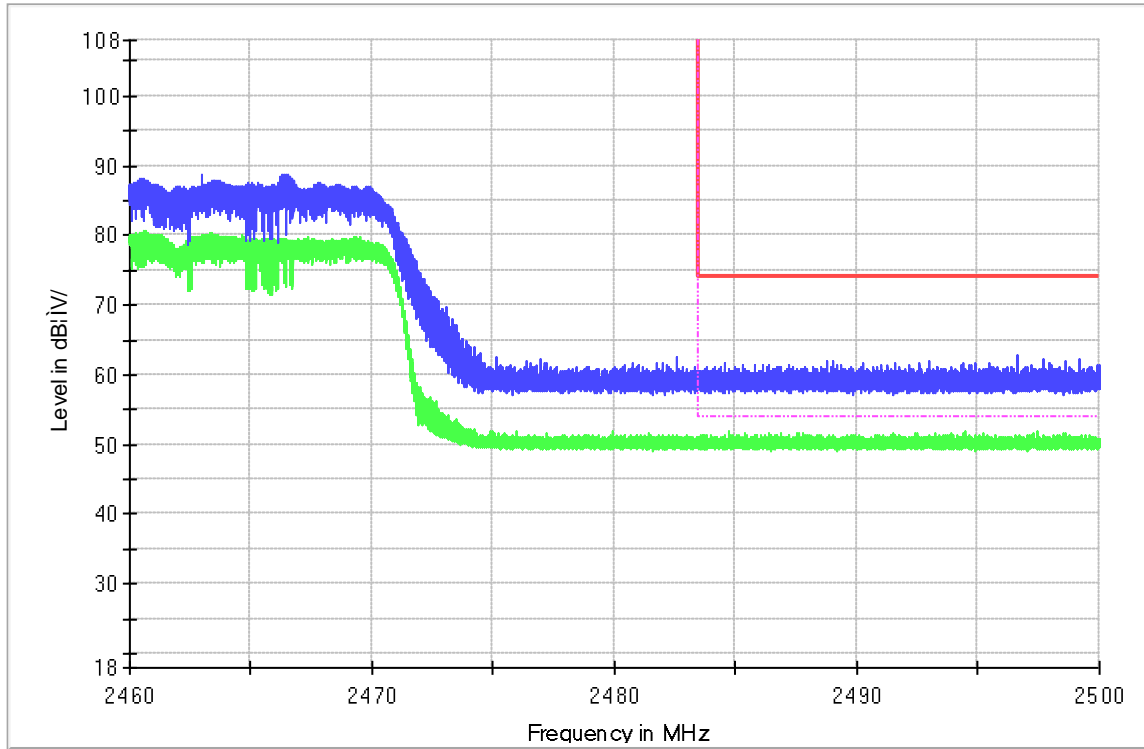
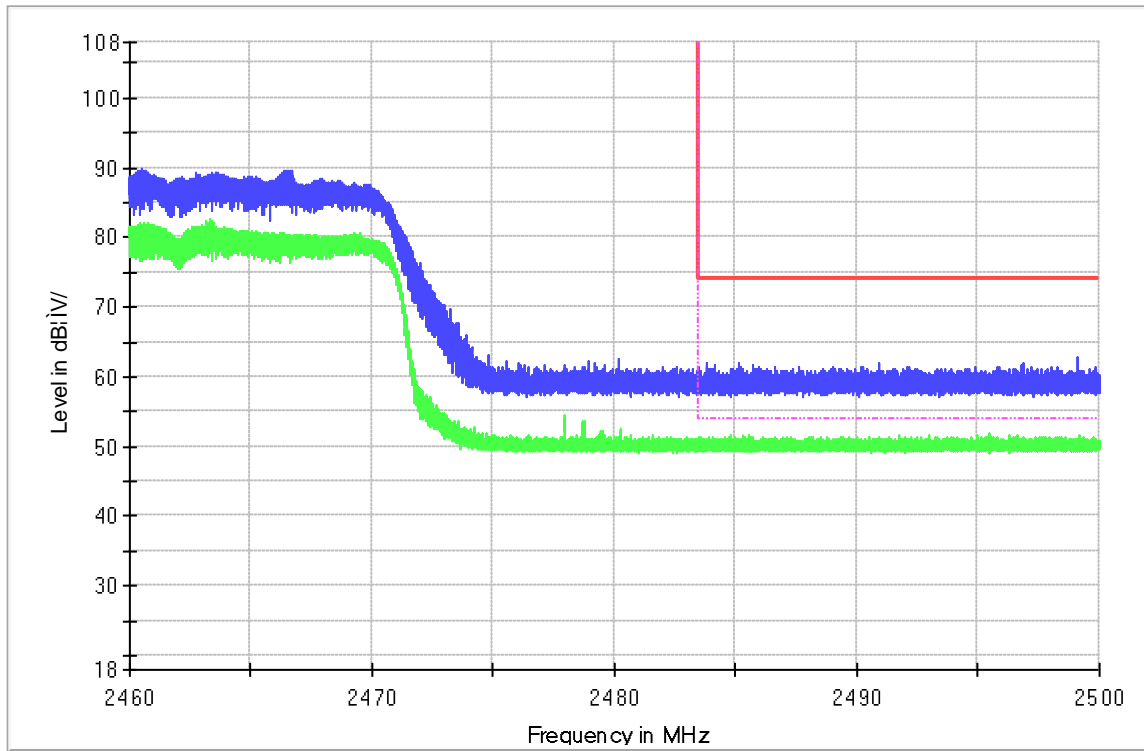


Figure 21: Radiated Band-Edge, TM9, V

RE_1-1.8GHz_HL050_FSV40_Pre



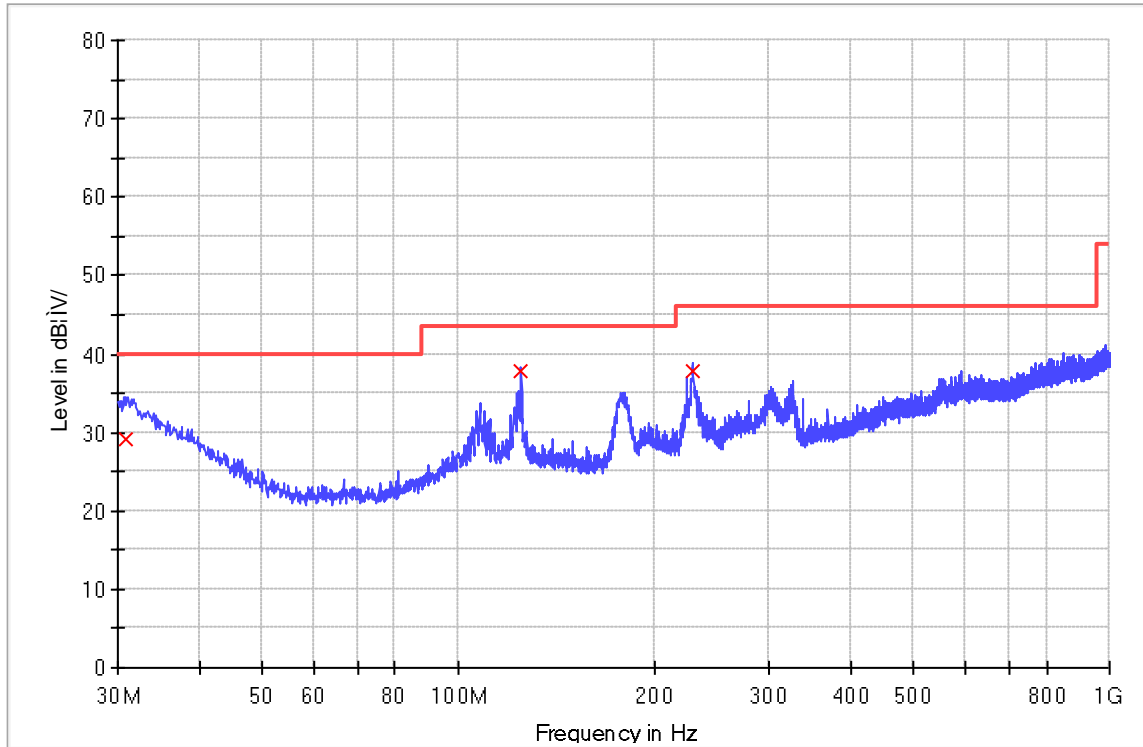
5.3.2 Radiated Spurious Emission

RESULT:**Pass**

Date of testing	:	2021-08-31~2021-09-01
Ambient temperature	:	22.3°C
Relative humidity	:	43.6%
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	:	AC 120V/60Hz
Test modes applied	:	TM1 to TM9

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

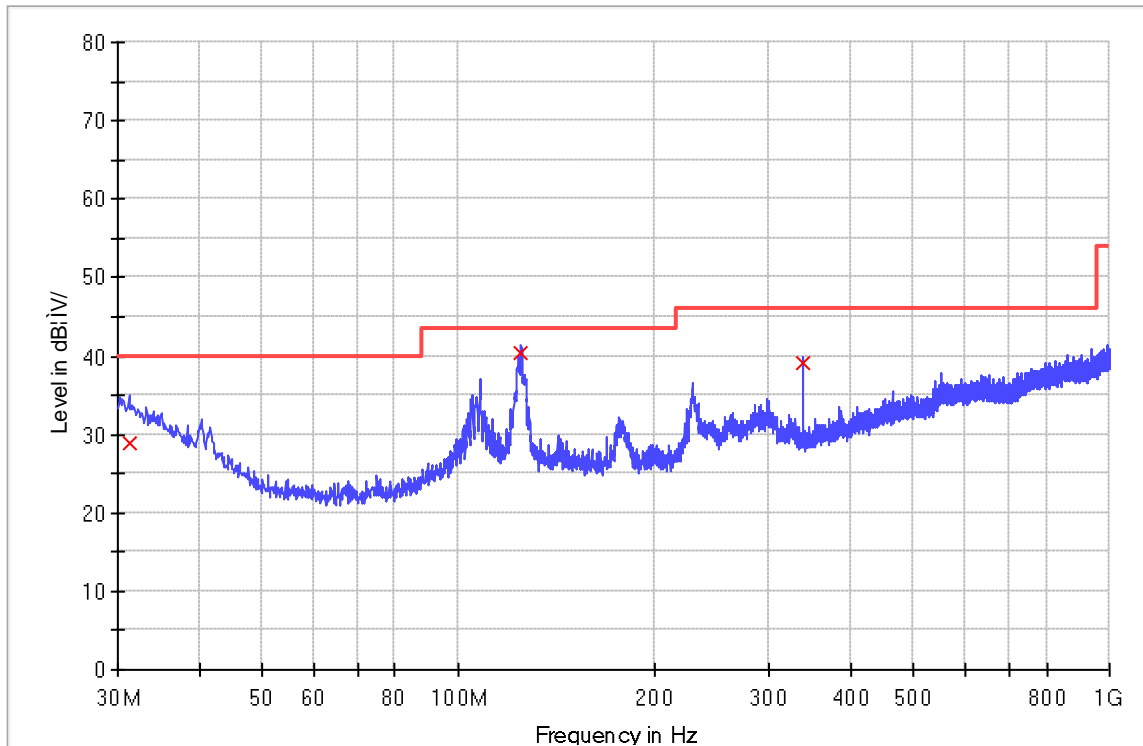
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	29.1	H	25.0	10.9	40.0
124.938750	37.8	H	18.7	5.7	43.5
228.600000	37.7	H	16.8	8.3	46.0

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

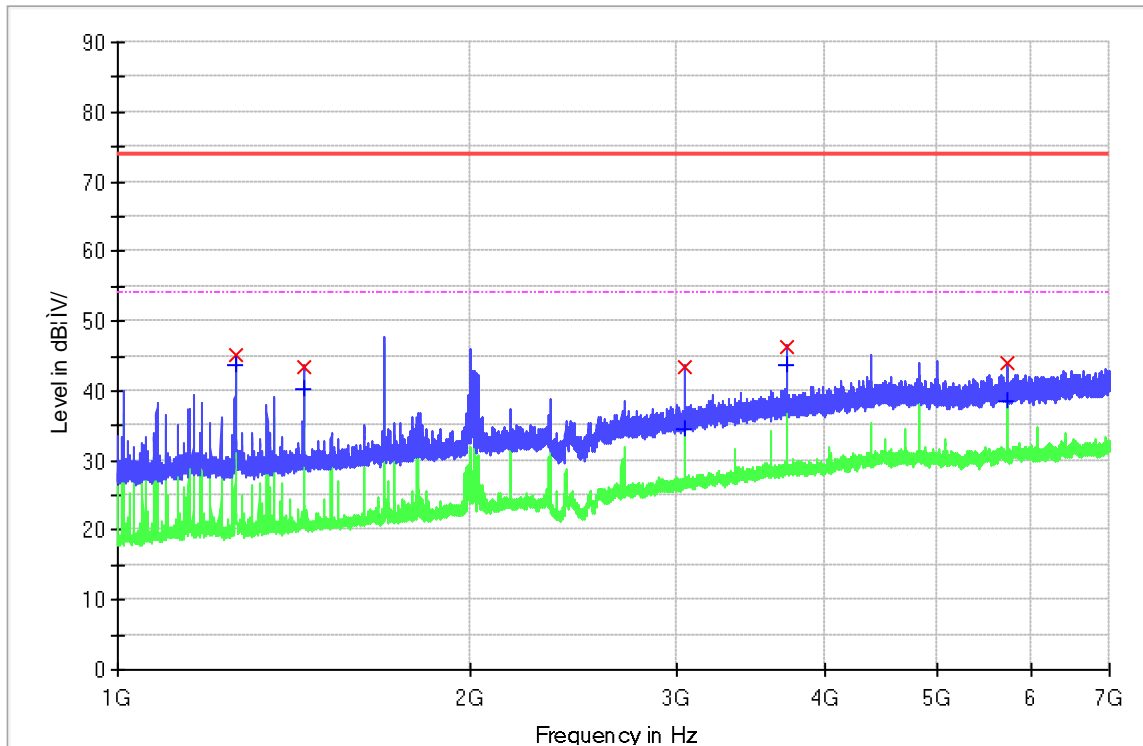
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	PoI	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	28.9	V	24.8	11.1	40.0
124.980000	40.3	V	18.7	3.2	43.5
337.490000	39.2	V	20.6	6.8	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

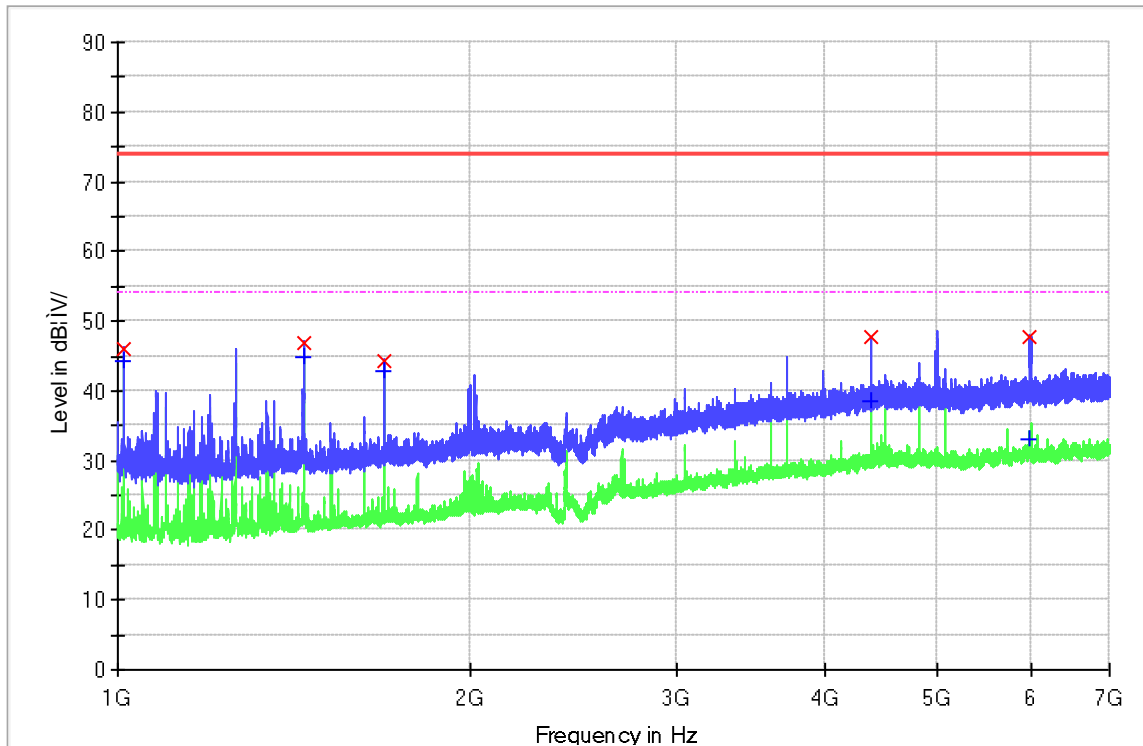
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.687500	45.1	H	-20.8	28.9	74.0
1439.687500	43.4	H	-19.4	30.6	74.0
3037.562500	43.5	H	-11.6	30.5	74.0
3712.750000	46.2	H	-8.8	27.8	74.0
5737.750000	43.9	H	-5.7	30.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.687500	43.6	H	-20.8	10.4	54.0
1439.687500	40.2	H	-19.4	13.8	54.0
3037.562500	34.6	H	-11.6	19.4	54.0
3712.750000	43.6	H	-8.8	10.4	54.0
5737.750000	38.4	H	-5.7	15.6	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)
1012.375000	46.1	V	-22.4	27.9	74.0
1439.875000	46.9	V	-19.4	27.1	74.0
1687.562500	44.4	V	-17.9	29.6	74.0
4387.750000	47.7	V	-6.7	26.3	74.0
5980.937500	47.8	V	-5.9	26.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	44.3	V	-22.4	9.7	54.0
1439.875000	44.9	V	-19.4	9.1	54.0
1687.562500	42.8	V	-17.9	11.2	54.0
4387.750000	38.5	V	-6.7	15.5	54.0
5980.937500	33.1	V	-5.9	20.9	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

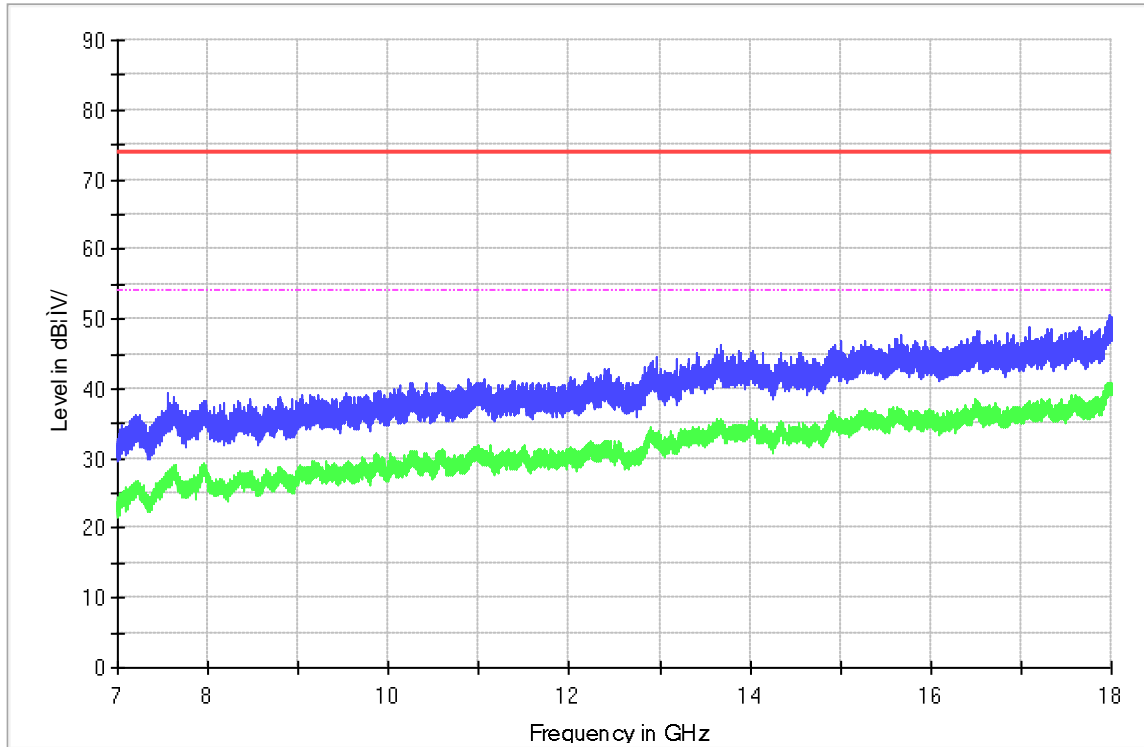


Figure 27: Radiated Spurious Emission, TM1, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

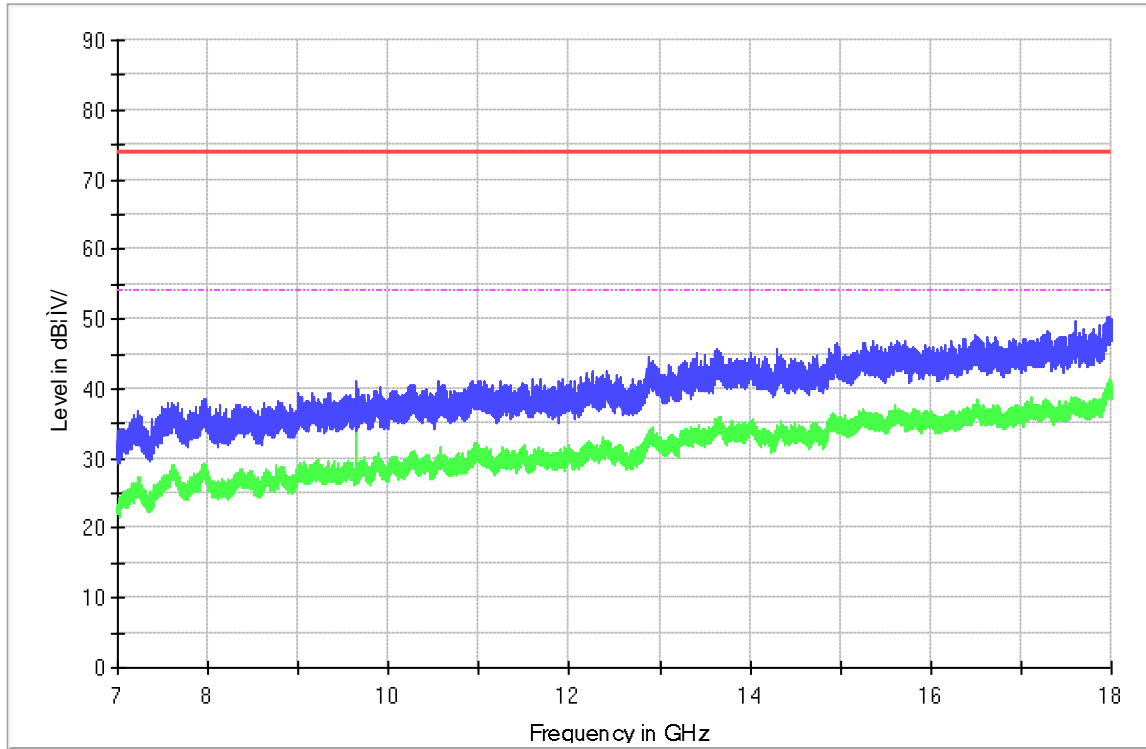


Figure 28: Radiated Spurious Emission, TM1, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

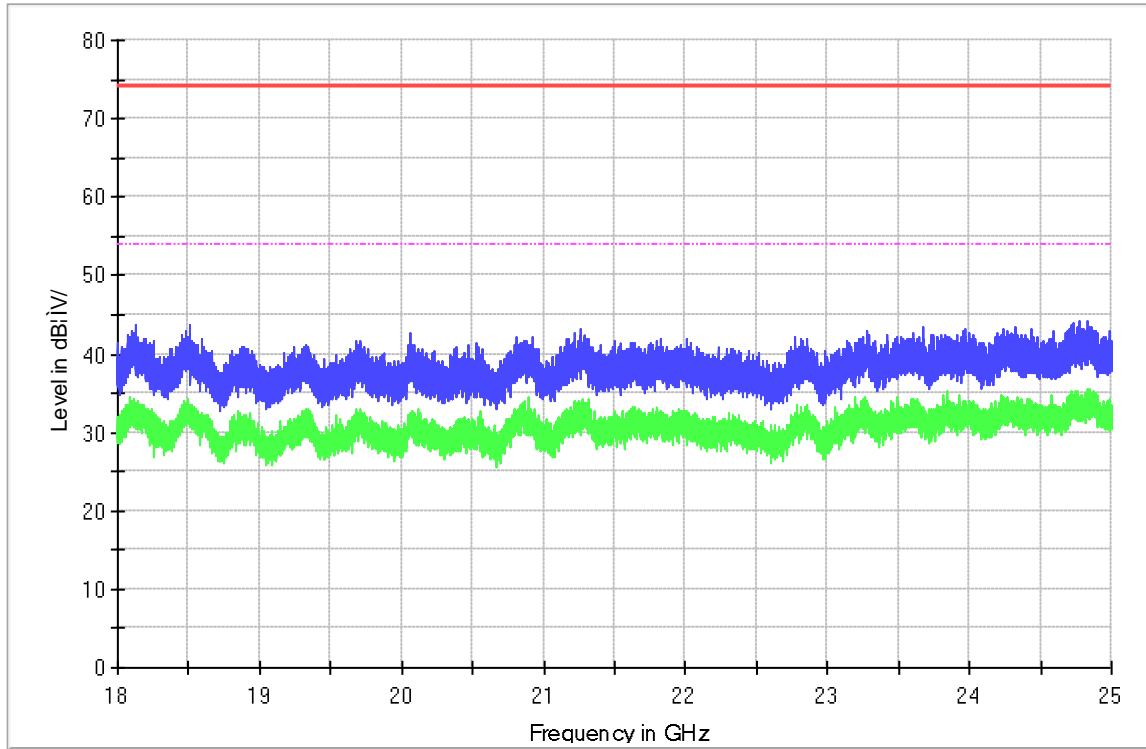


Figure 29: Radiated Spurious Emission, TM1, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

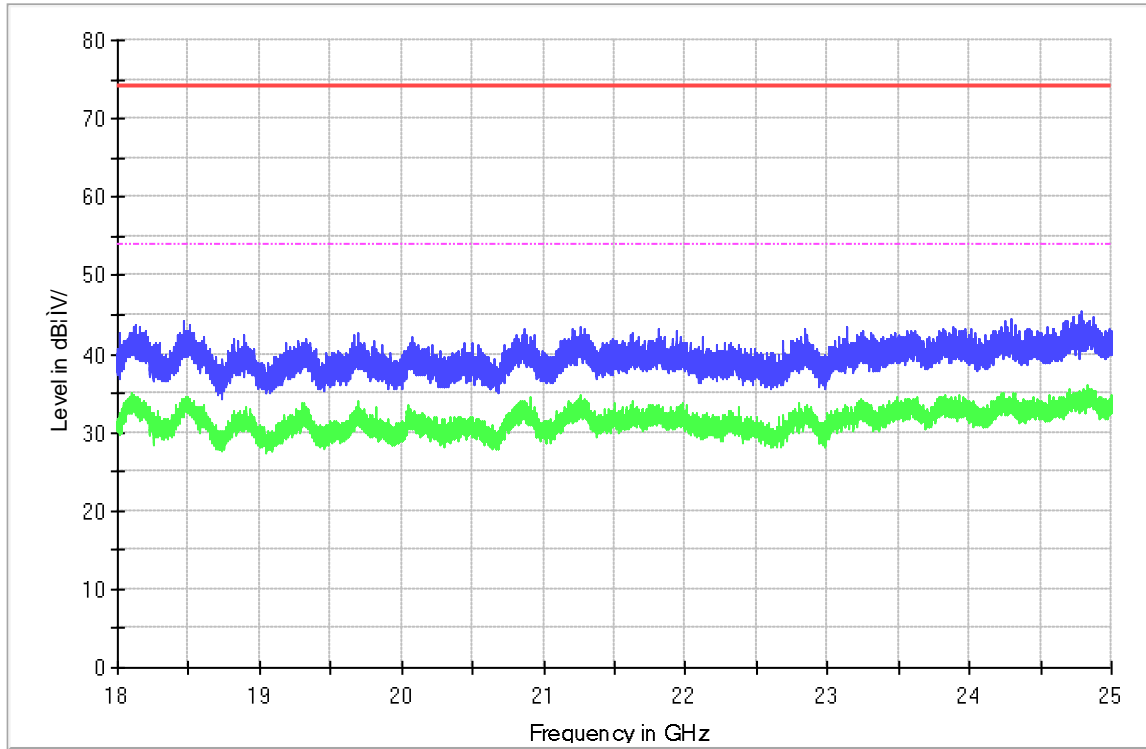
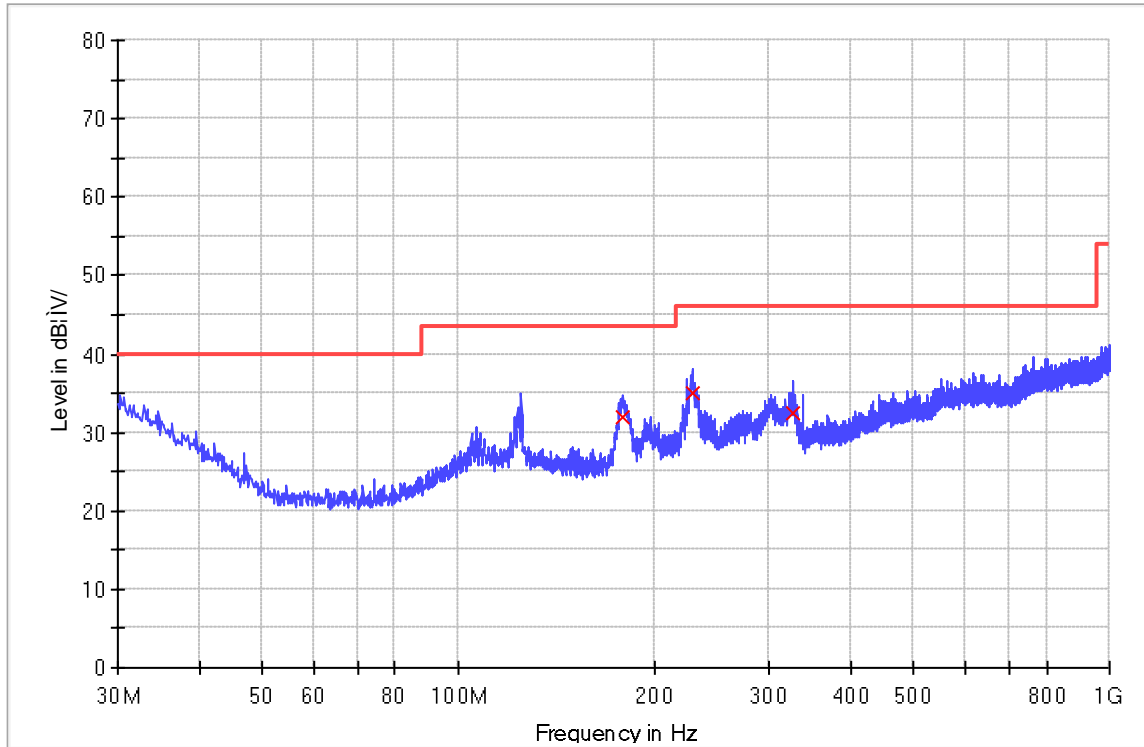


Figure 30: Radiated Spurious Emission, TM2, 30MHz to 1GHz, H

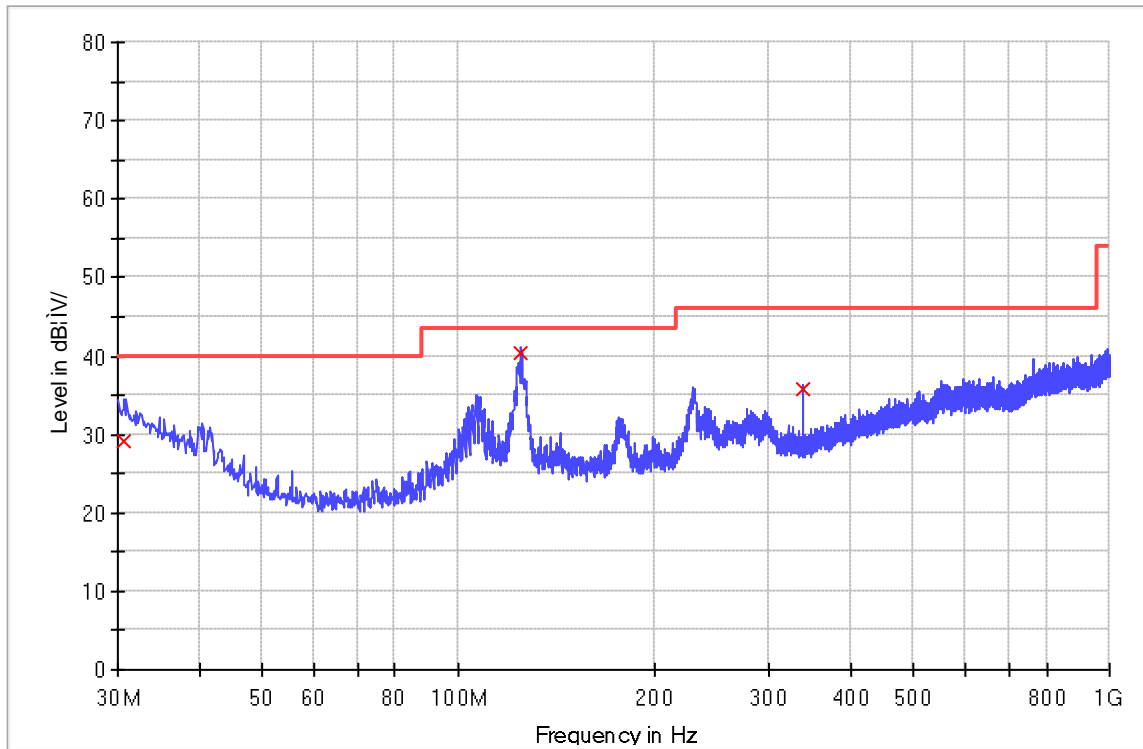
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
179.380000	31.9	H	16.0	11.6	43.5
228.850000	35.1	H	16.8	10.9	46.0
327.183750	32.4	H	20.6	13.6	46.0

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

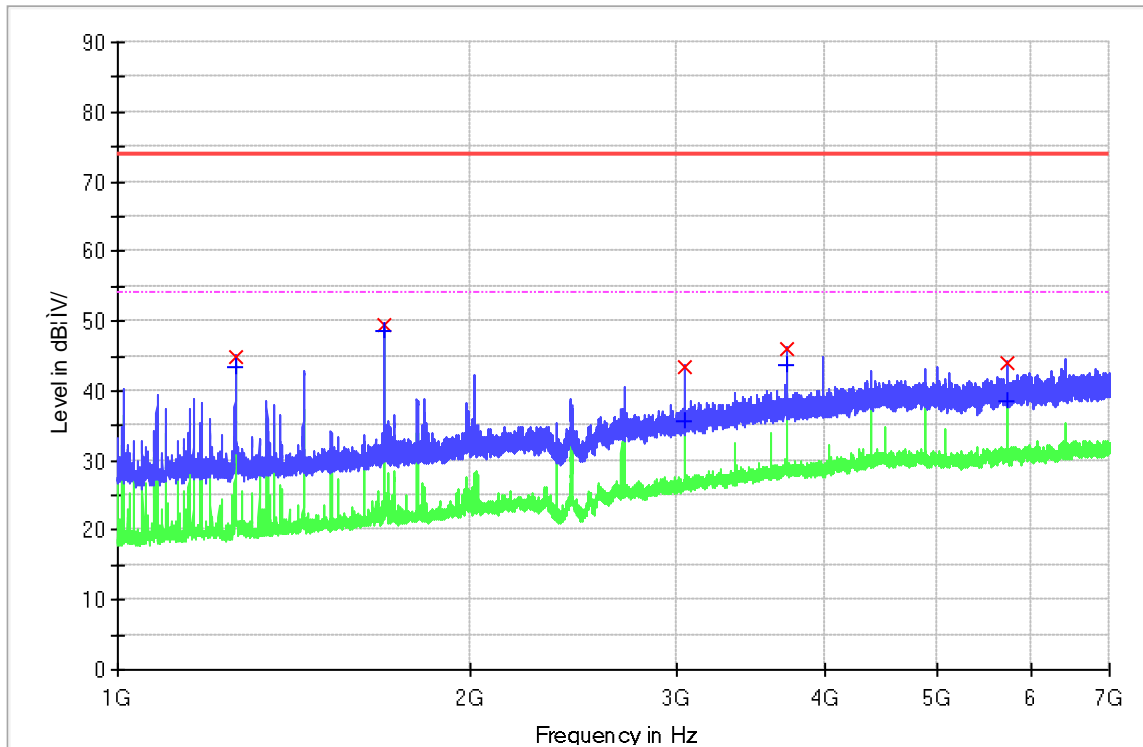
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	PoI	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.2	V	25.0	10.8	40.0
124.938750	40.4	V	18.7	3.1	43.5
337.490000	35.7	V	20.6	10.3	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

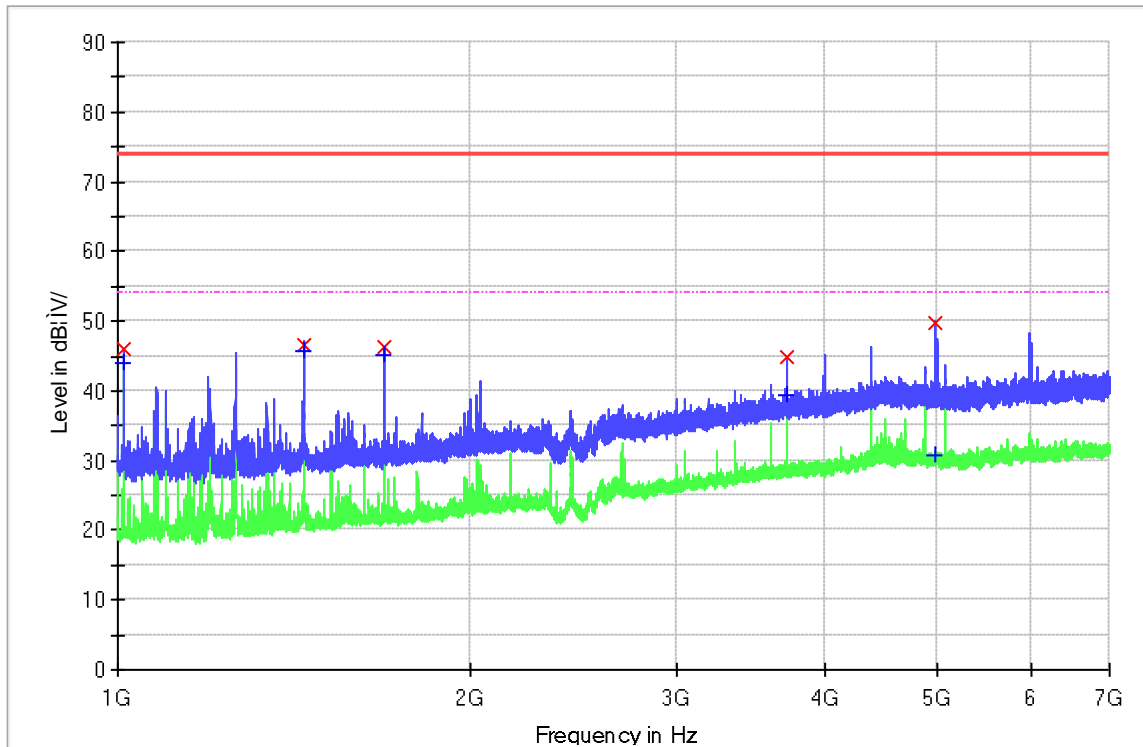
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.687500	45.0	H	-20.8	29.0	74.0
1687.375000	49.4	H	-17.9	24.6	74.0
3037.562500	43.4	H	-11.6	30.6	74.0
3712.937500	46.0	H	-8.8	28.0	74.0
5738.125000	44.1	H	-5.7	29.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.687500	43.5	H	-20.8	10.5	54.0
1687.375000	48.6	H	-17.9	5.4	54.0
3037.562500	35.7	H	-11.6	18.3	54.0
3712.937500	43.7	H	-8.8	10.3	54.0
5738.125000	38.6	H	-5.7	15.4	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)
1012.375000	46.0	V	-22.4	28.0	74.0
1439.687500	46.7	V	-19.4	27.3	74.0
1687.562500	46.2	V	-17.9	27.8	74.0
3712.562500	44.8	V	-8.8	29.2	74.0
4981.375000	49.8	V	-6.7	24.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	44.1	V	-22.4	9.9	54.0
1439.687500	45.6	V	-19.4	8.4	54.0
1687.562500	45.2	V	-17.9	8.8	54.0
3712.562500	39.5	V	-8.8	14.5	54.0
4981.375000	30.7	V	-6.7	23.3	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

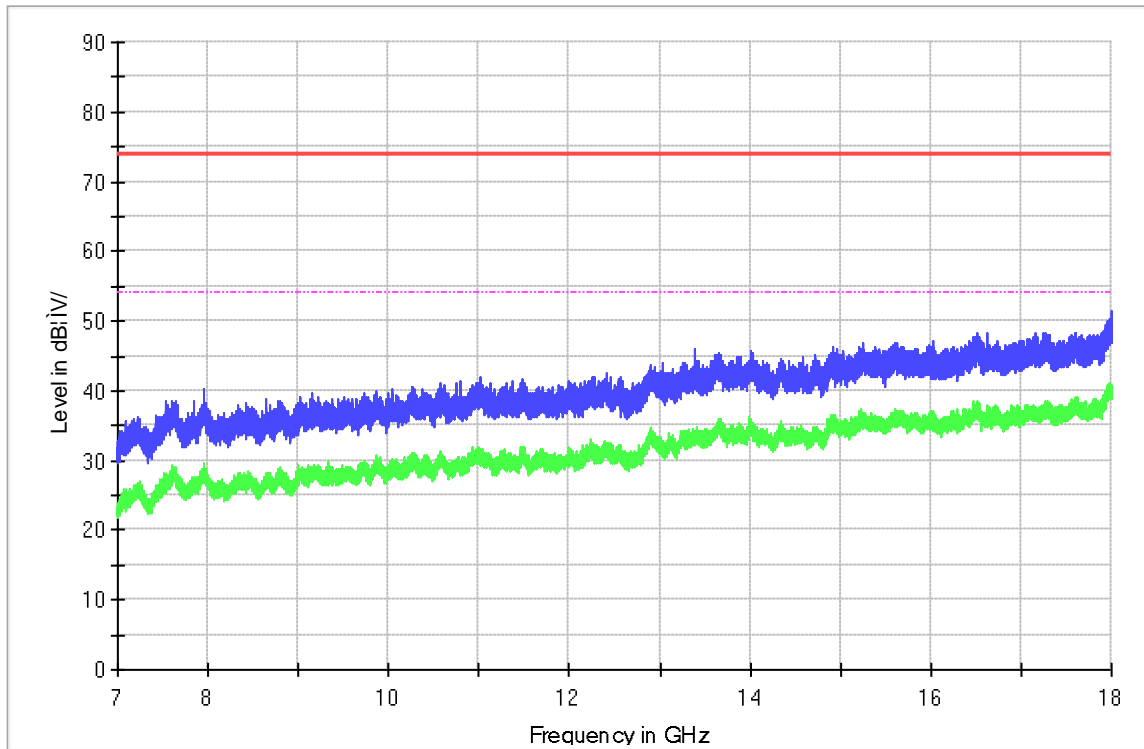


Figure 35: Radiated Spurious Emission, TM2, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

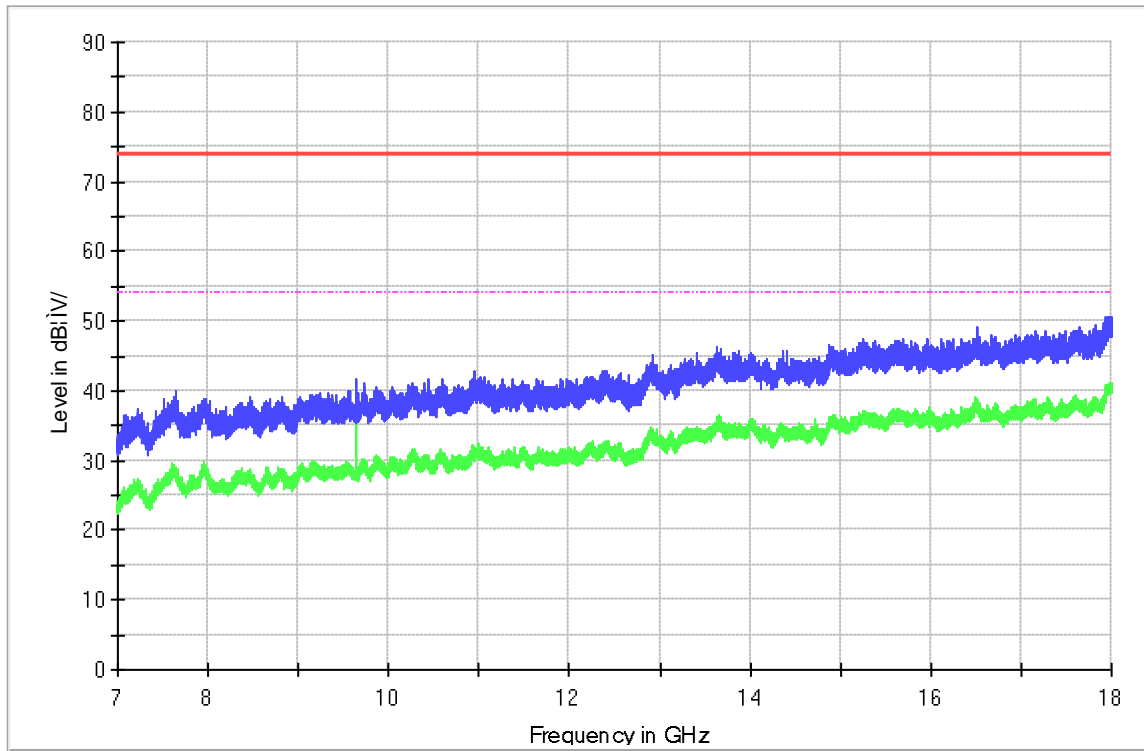


Figure 36: Radiated Spurious Emission, TM2, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

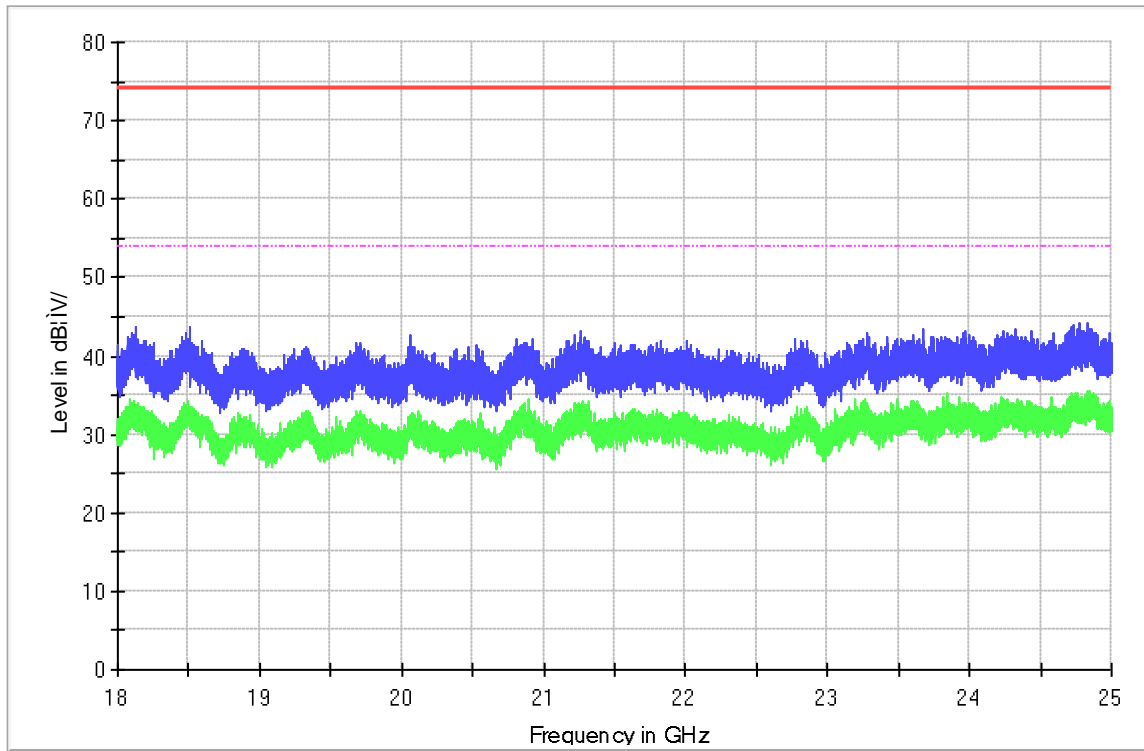


Figure 37: Radiated Spurious Emission, TM2, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

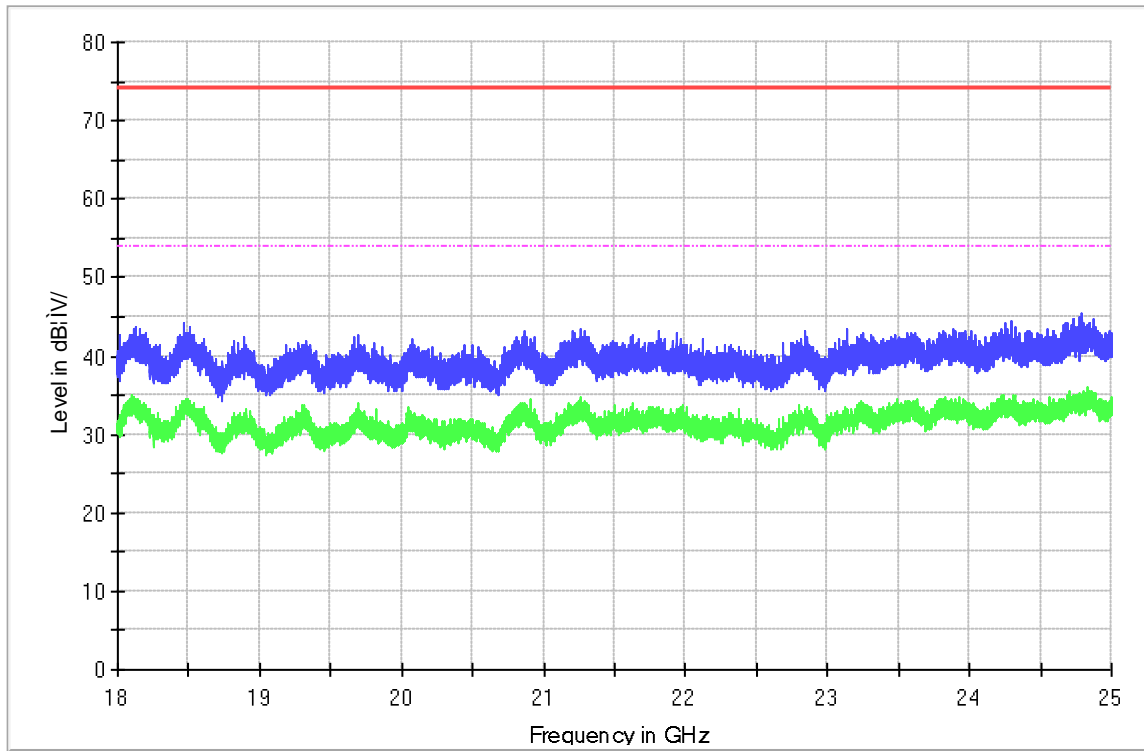
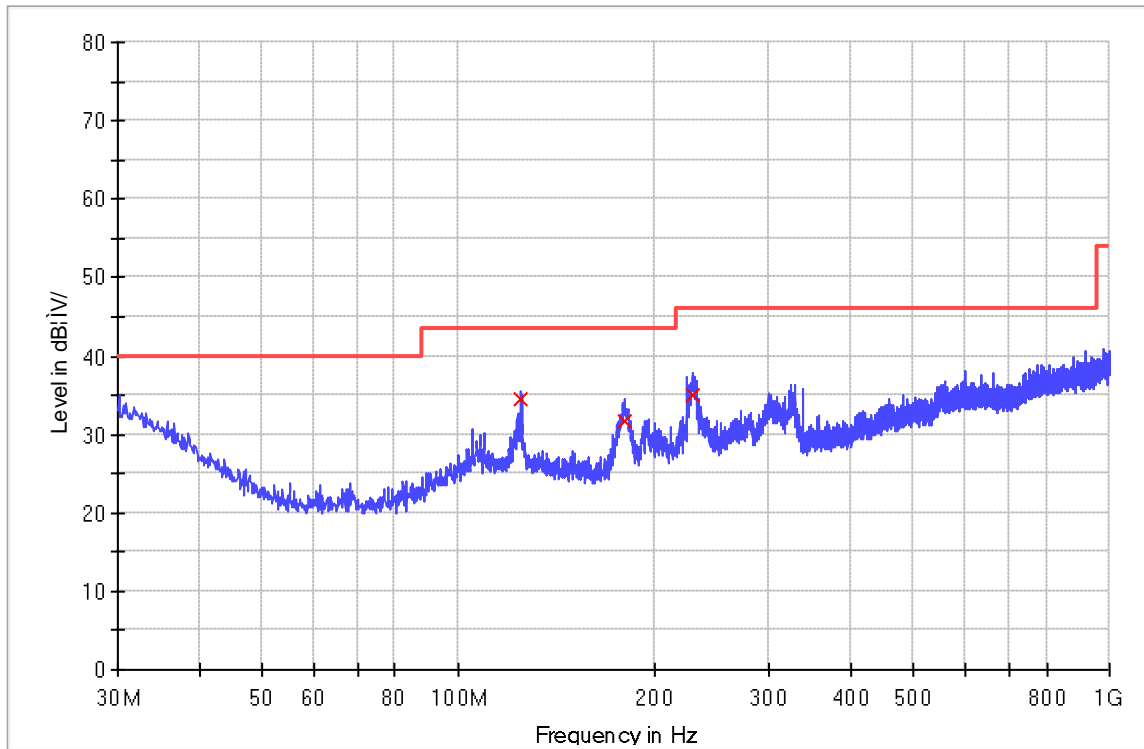


Figure 38: Radiated Spurious Emission, TM3, 30MHz to 1GHz, H

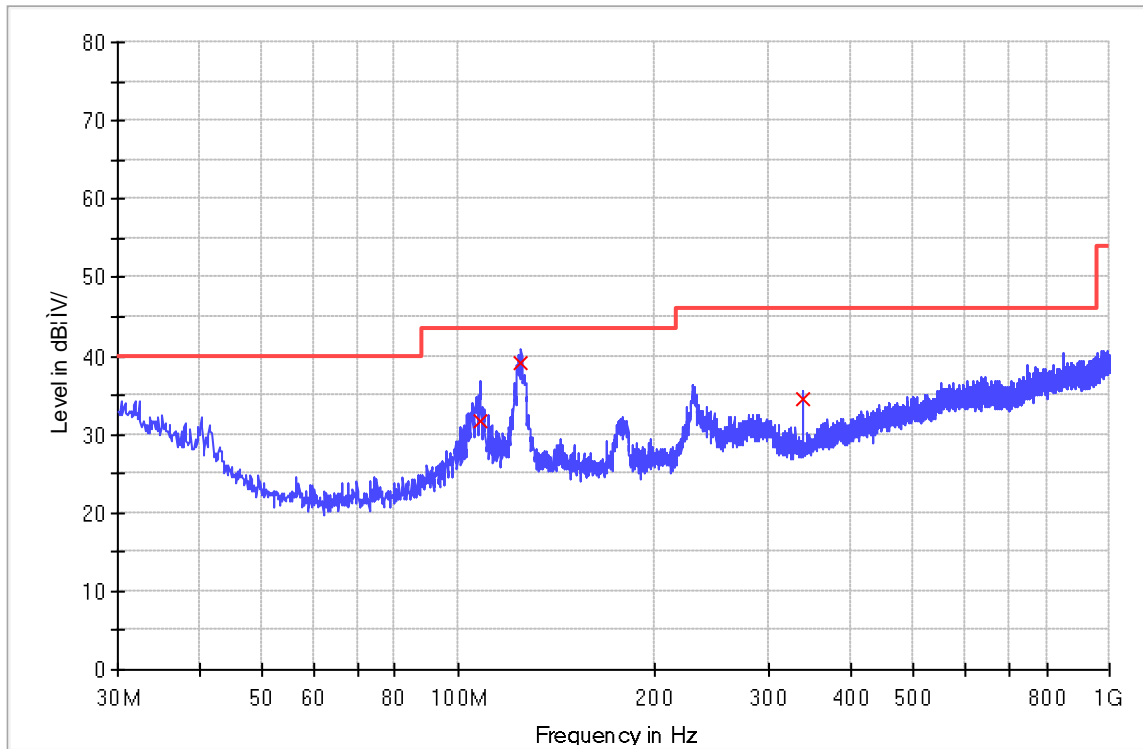
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
124.938750	34.5	H	18.7	9.0	43.5
179.622500	31.6	H	15.9	11.9	43.5
229.456250	34.9	H	16.8	11.1	46.0

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

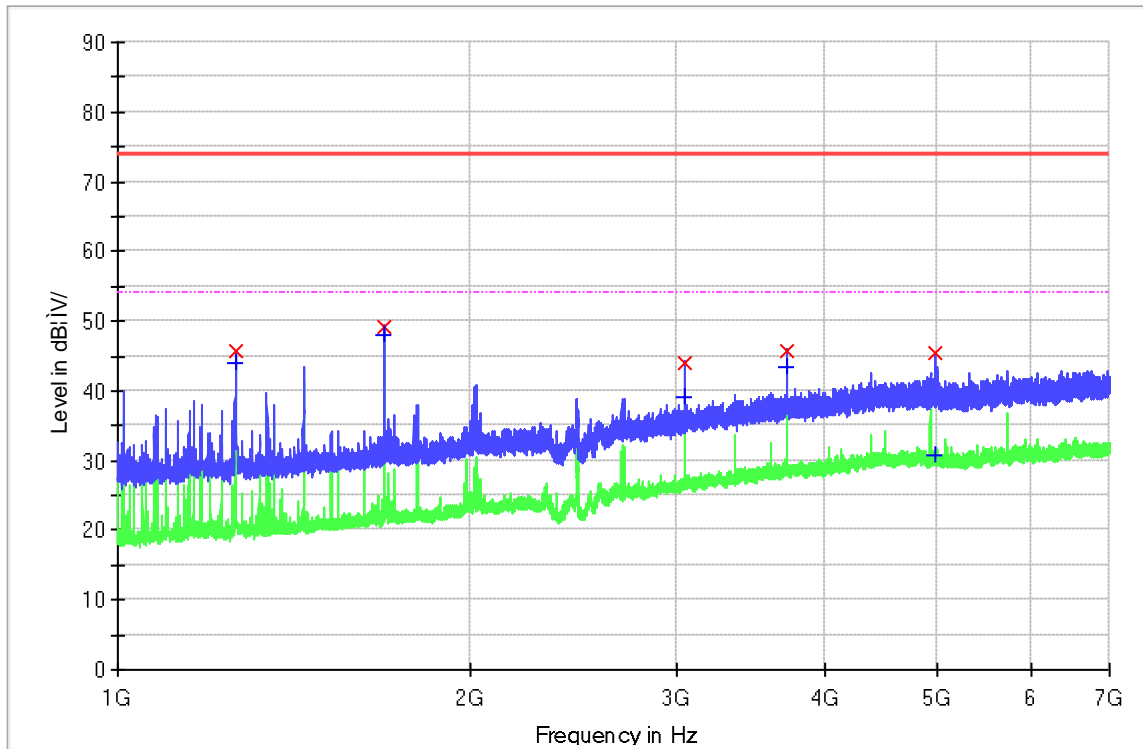
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
107.963750	31.7	V	18.4	11.8	43.5
124.938750	39.0	V	18.7	4.5	43.5
337.490000	34.6	V	20.6	11.4	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

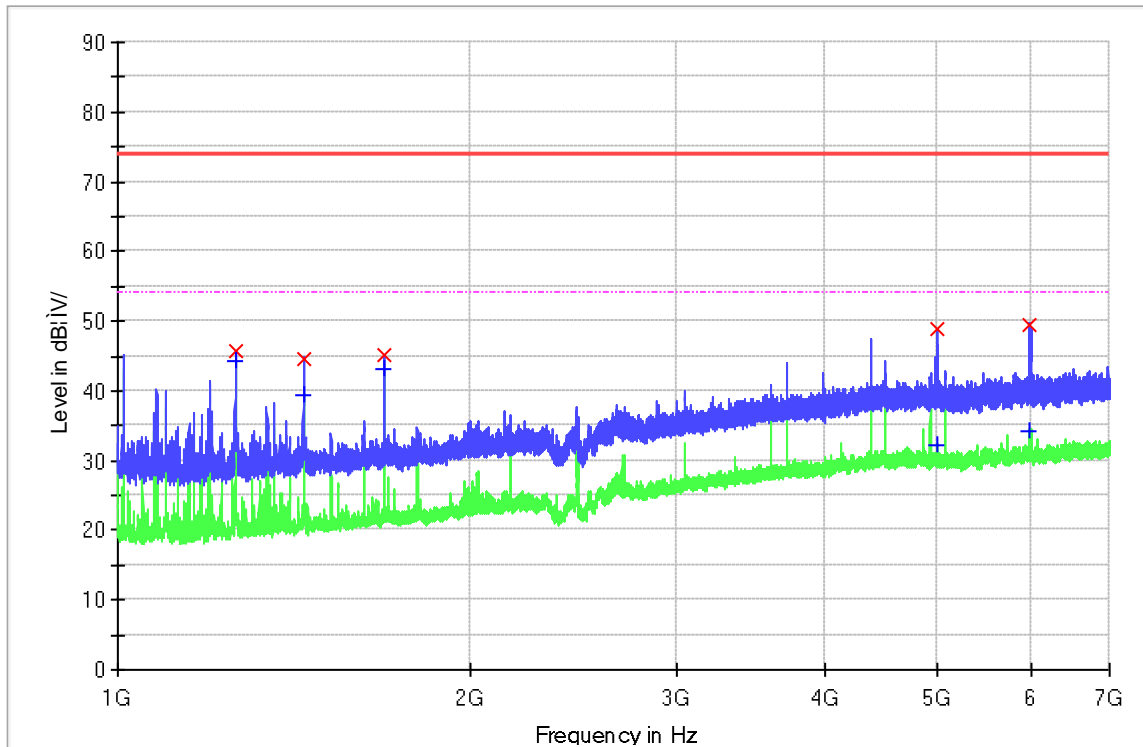
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.6	H	-20.8	28.4	74.0
1687.562500	49.3	H	-17.9	24.7	74.0
3037.562500	44.1	H	-11.6	29.9	74.0
3712.562500	45.8	H	-8.8	28.2	74.0
4981.187500	45.4	H	-6.7	28.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	44.0	H	-20.8	10.0	54.0
1687.562500	48.1	H	-17.9	5.9	54.0
3037.562500	39.0	H	-11.6	15.0	54.0
3712.562500	43.5	H	-8.8	10.5	54.0
4981.187500	30.8	H	-6.7	23.2	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)
1259.875000	45.7	V	-20.8	28.3	74.0
1439.687500	44.7	V	-19.4	29.3	74.0
1687.562500	45.1	V	-17.9	28.9	74.0
4983.062500	48.8	V	-6.7	25.2	74.0
5974.375000	49.5	V	-5.9	24.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	44.2	V	-20.8	9.8	54.0
1439.687500	39.4	V	-19.4	14.6	54.0
1687.562500	43.1	V	-17.9	10.9	54.0
4983.062500	32.2	V	-6.7	21.8	54.0
5974.375000	34.1	V	-5.9	19.9	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

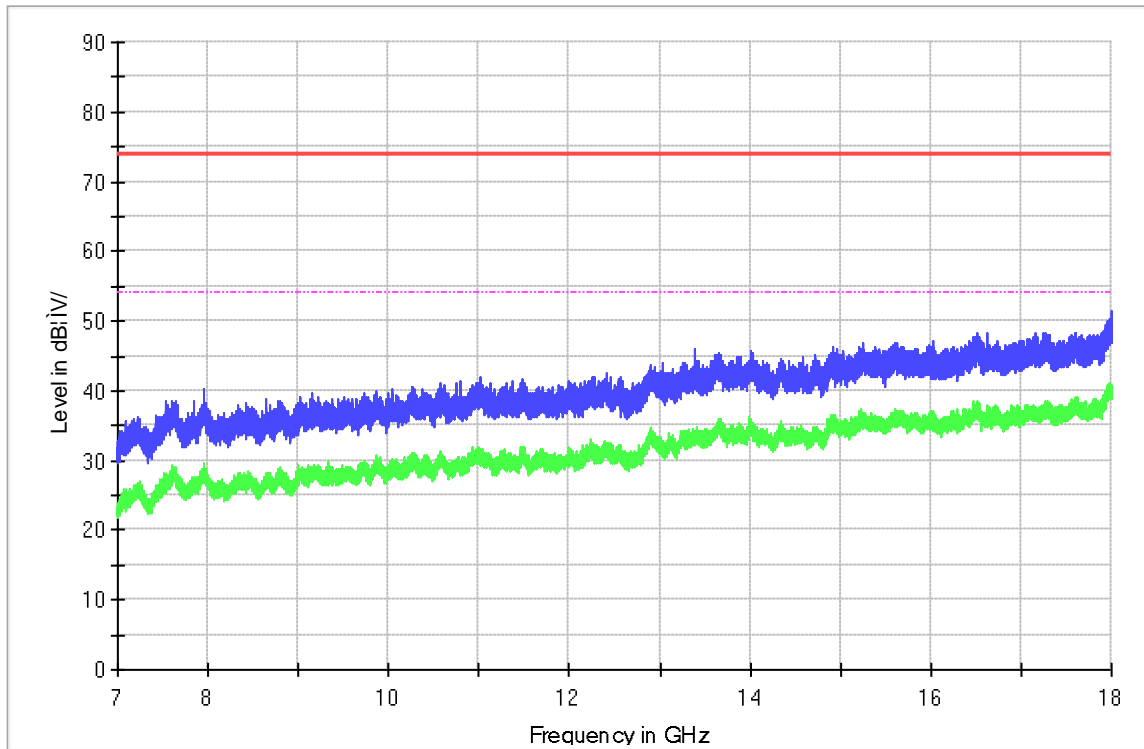


Figure 43: Radiated Spurious Emission, TM3, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

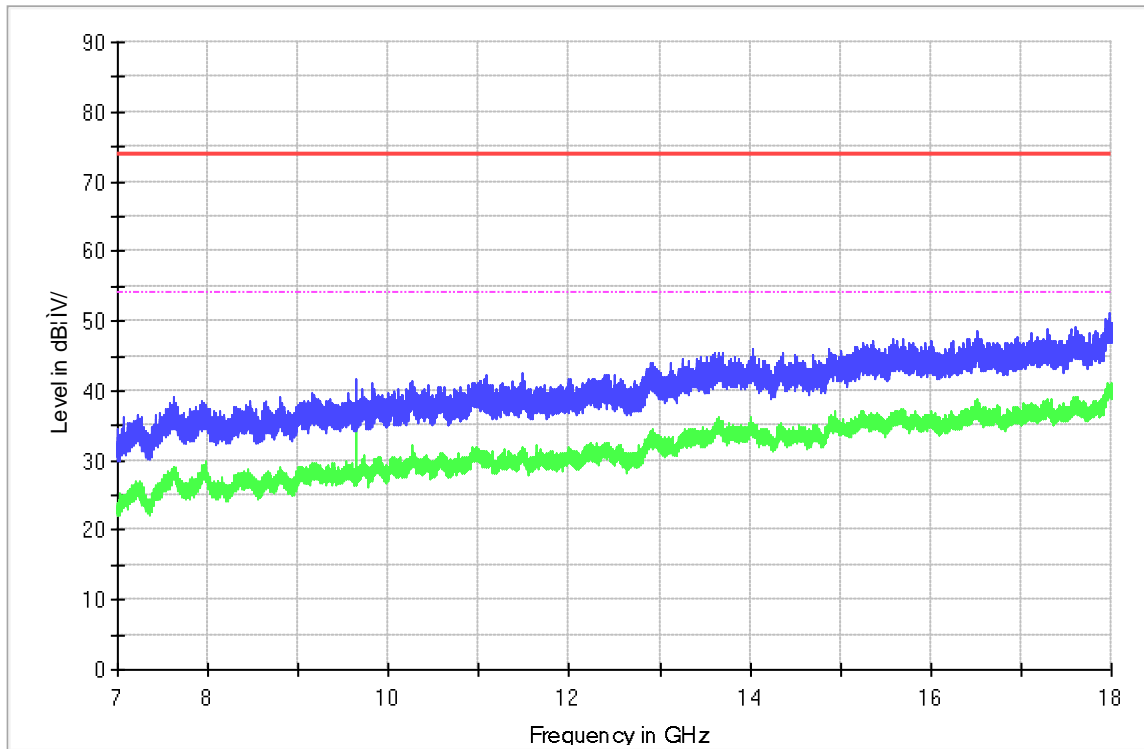


Figure 44: Radiated Spurious Emission, TM3, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

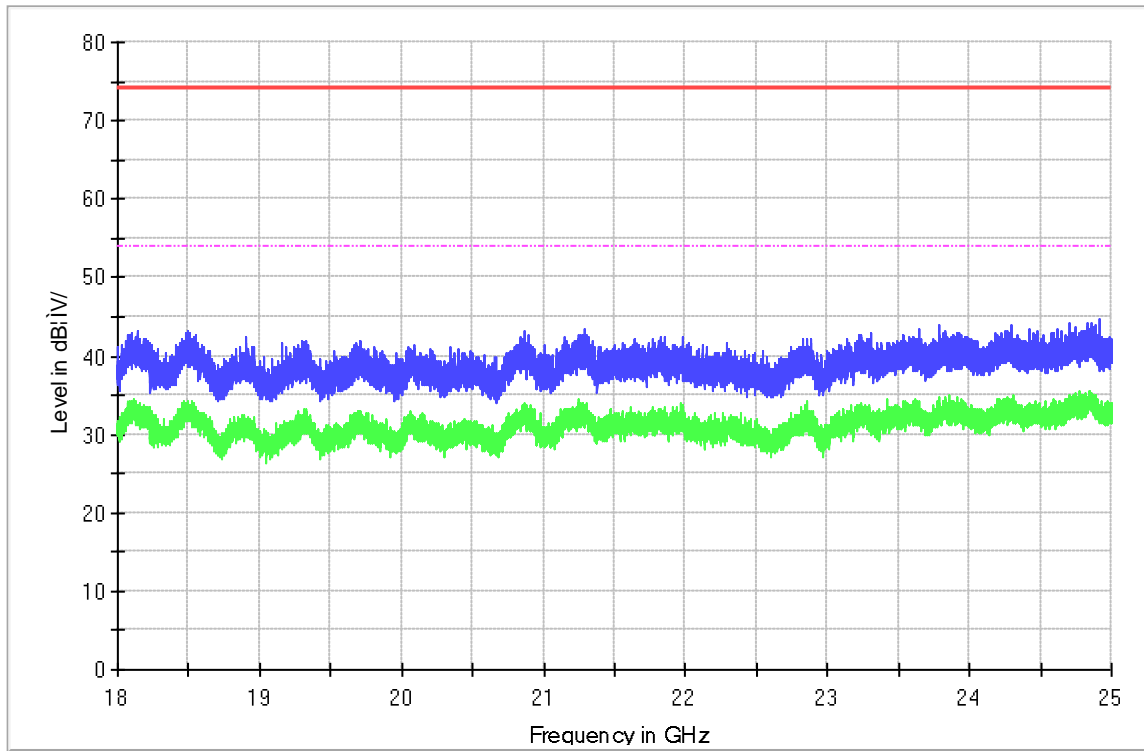


Figure 45: Radiated Spurious Emission, TM3, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

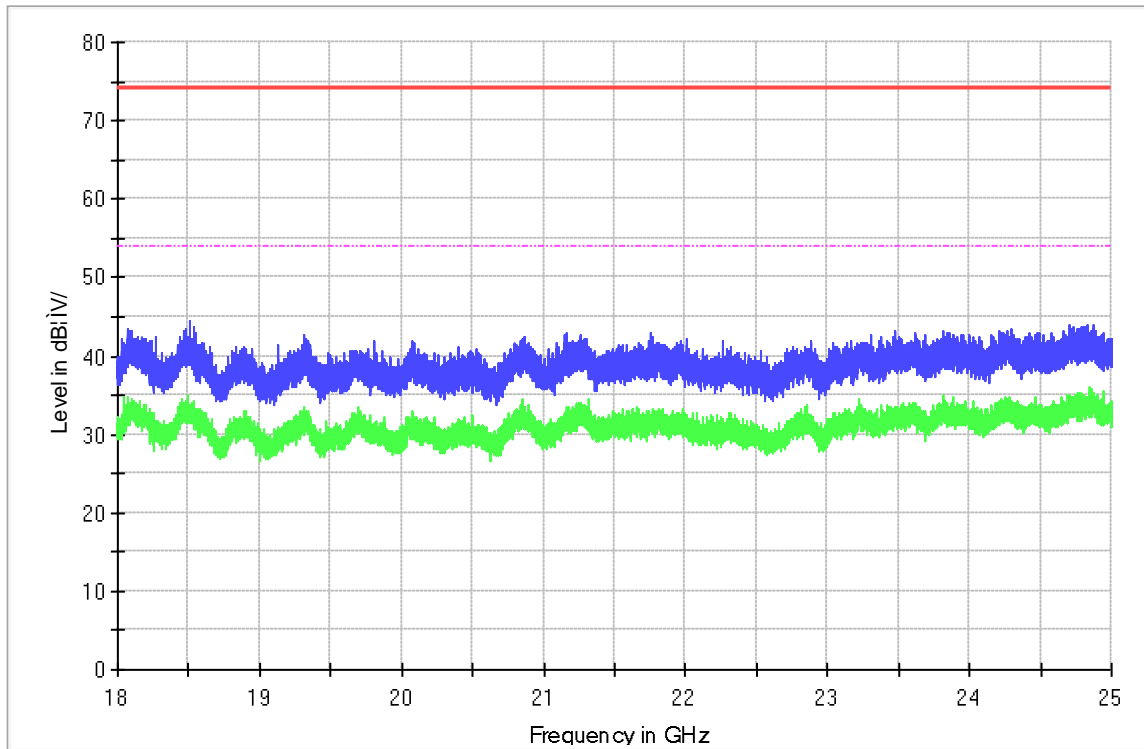
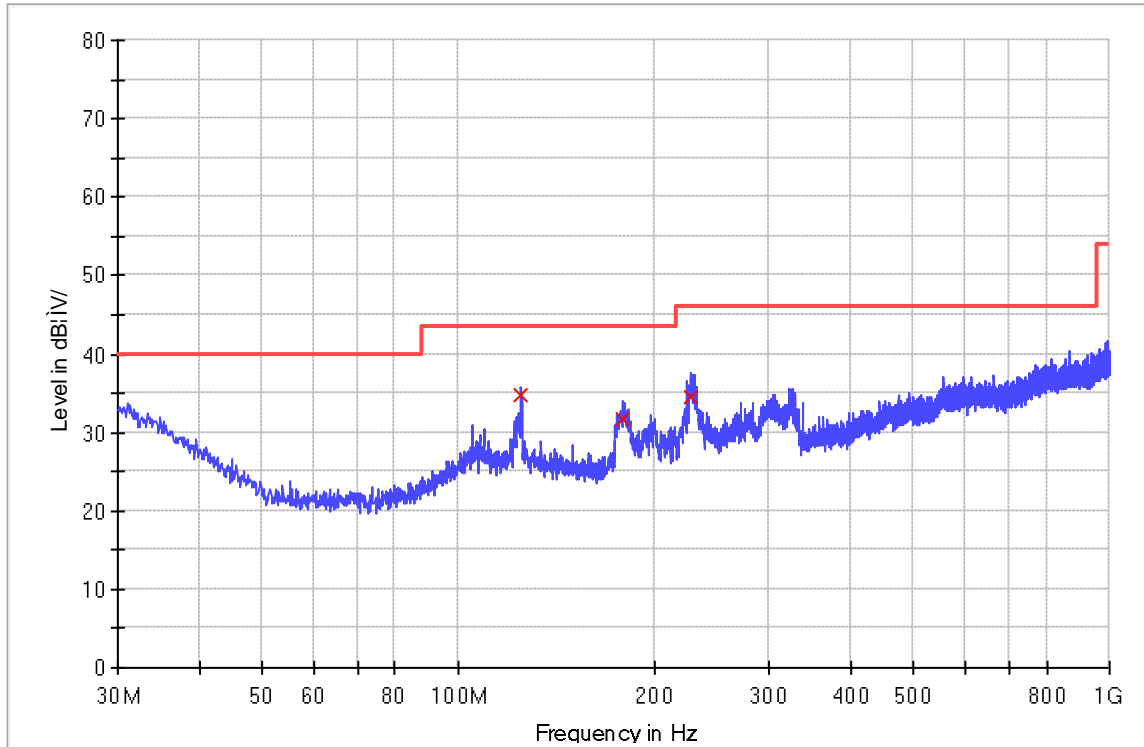


Figure 46: Radiated Spurious Emission, TM4, 30MHz to 1GHz, H

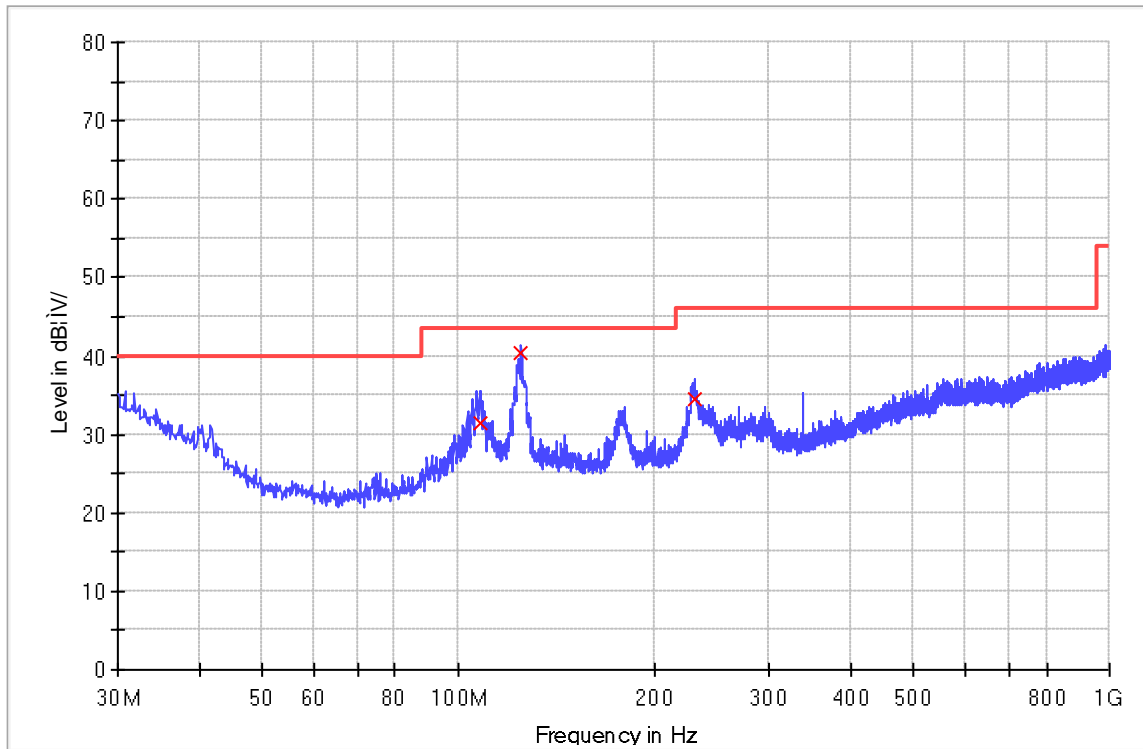
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
124.938750	34.8	H	18.7	8.7	43.5
179.016250	31.7	H	16.0	11.8	43.5
228.122500	34.6	H	16.7	11.4	46.0

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

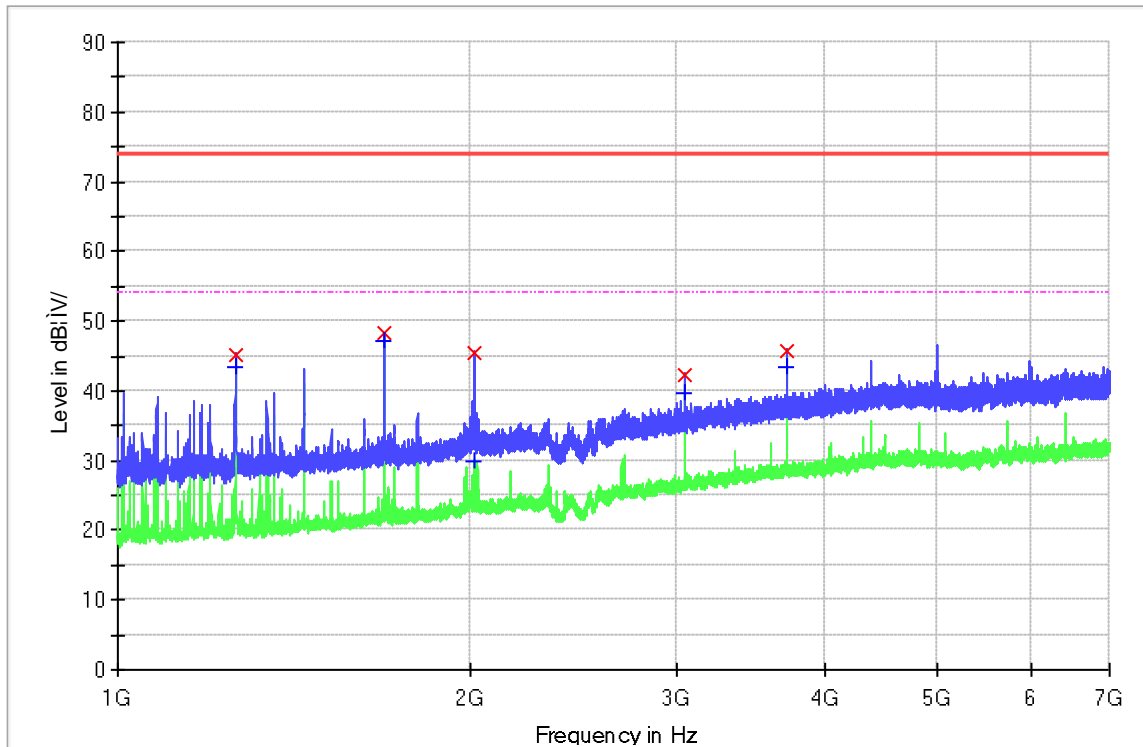
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	PoI	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
108.327500	31.5	V	18.4	12.0	43.5
124.938750	40.4	V	18.7	3.1	43.5
230.547500	34.5	V	17.0	11.5	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

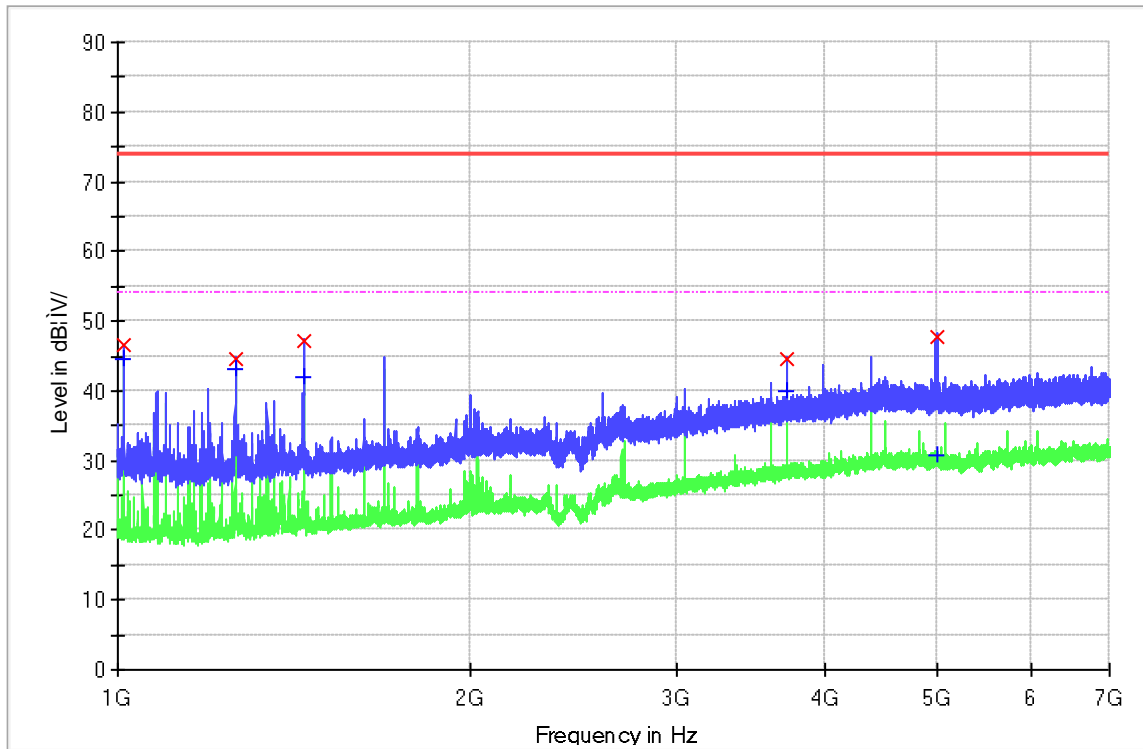
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.2	H	-20.8	28.8	74.0
1687.562500	48.2	H	-17.9	25.8	74.0
2014.937500	45.5	H	-16.2	28.5	74.0
3037.750000	42.4	H	-11.6	31.6	74.0
3712.750000	45.8	H	-8.8	28.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	43.5	H	-20.8	10.5	54.0
1687.562500	47.3	H	-17.9	6.7	54.0
2014.937500	29.9	H	-16.2	24.1	54.0
3037.750000	39.8	H	-11.6	14.2	54.0
3712.750000	43.4	H	-8.8	10.6	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)
1012.375000	46.5	V	-22.4	27.5	74.0
1260.062500	44.5	V	-20.8	29.5	74.0
1439.687500	47.2	V	-19.4	26.8	74.0
3712.562500	44.6	V	-8.8	29.4	74.0
4993.187500	47.8	V	-6.7	26.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	44.5	V	-22.4	9.5	54.0
1260.062500	43.2	V	-20.8	10.8	54.0
1439.687500	42.0	V	-19.4	12.0	54.0
3712.562500	39.9	V	-8.8	14.1	54.0
4993.187500	30.7	V	-6.7	23.3	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

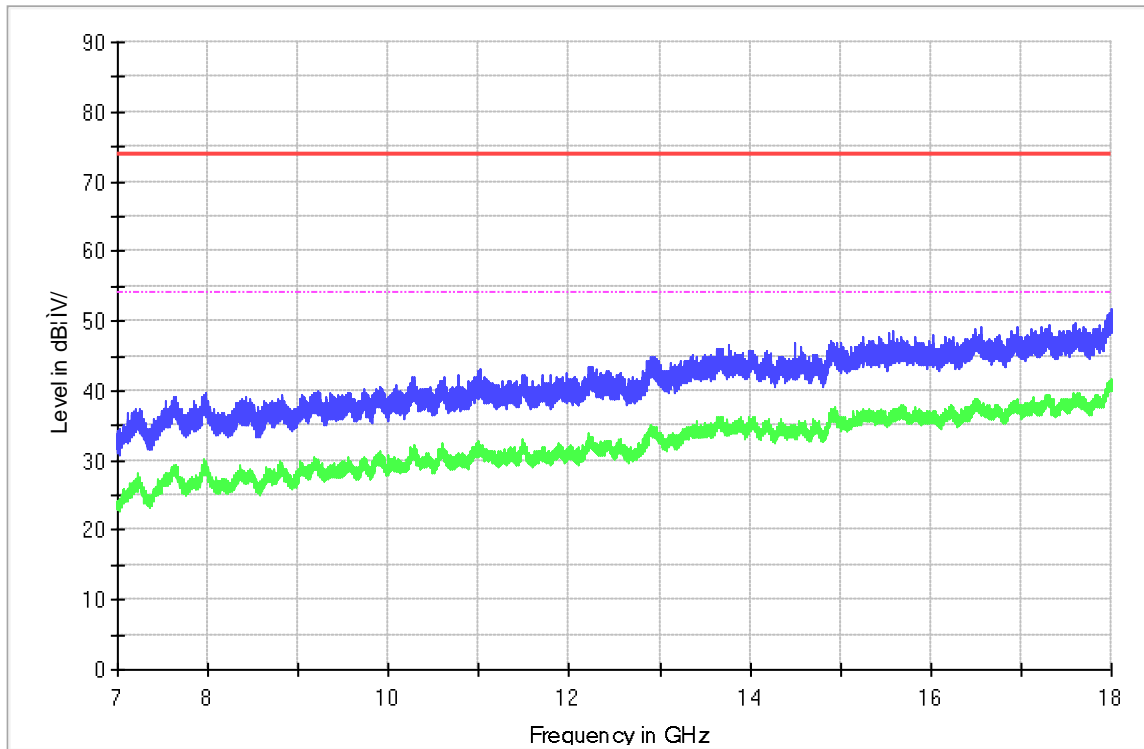


Figure 51: Radiated Spurious Emission, TM4, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

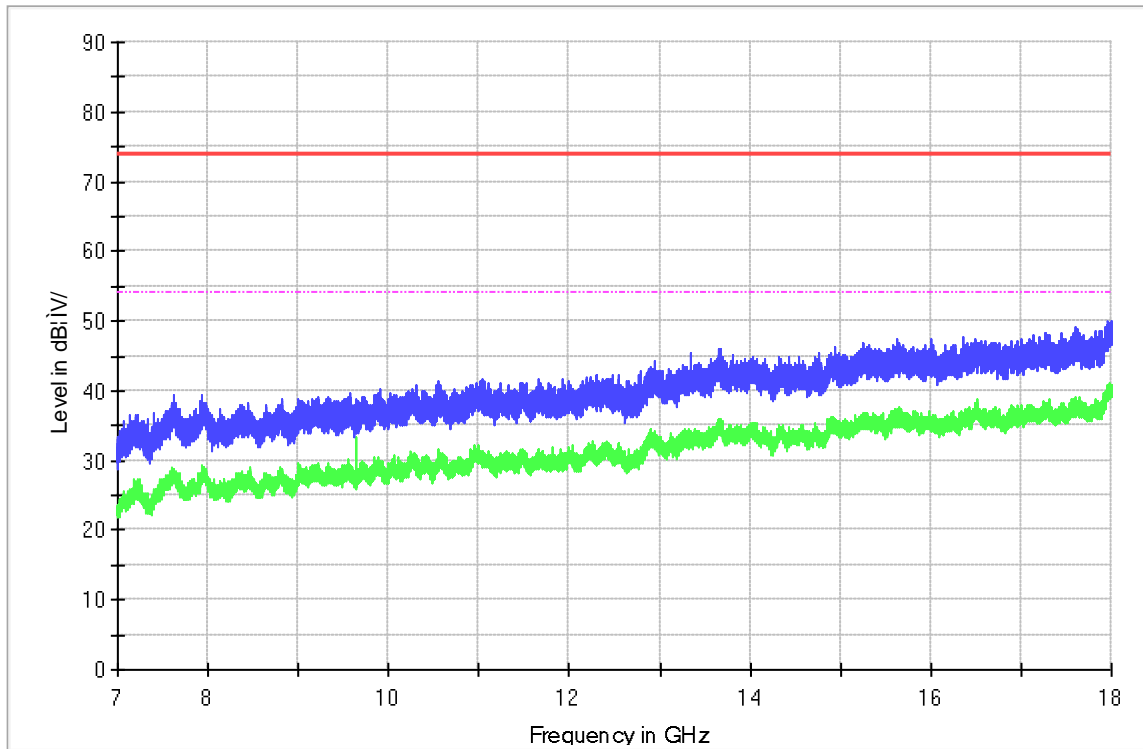


Figure 52: Radiated Spurious Emission, TM4, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

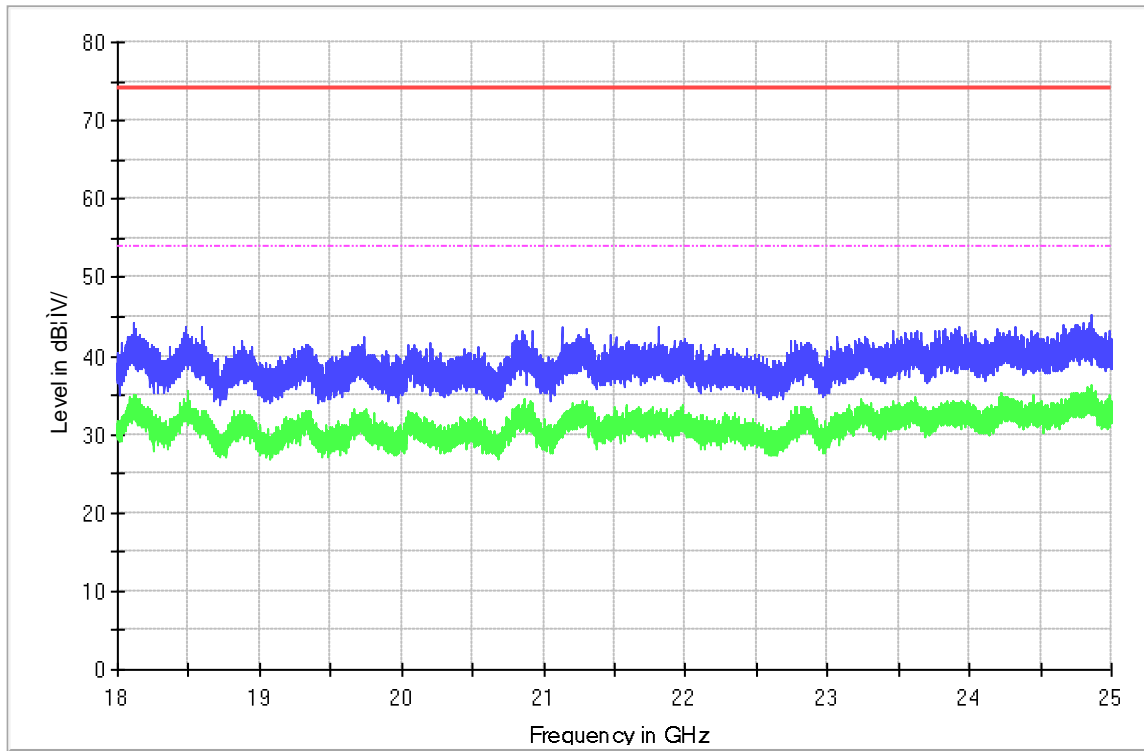


Figure 53: Radiated Spurious Emission, TM4, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

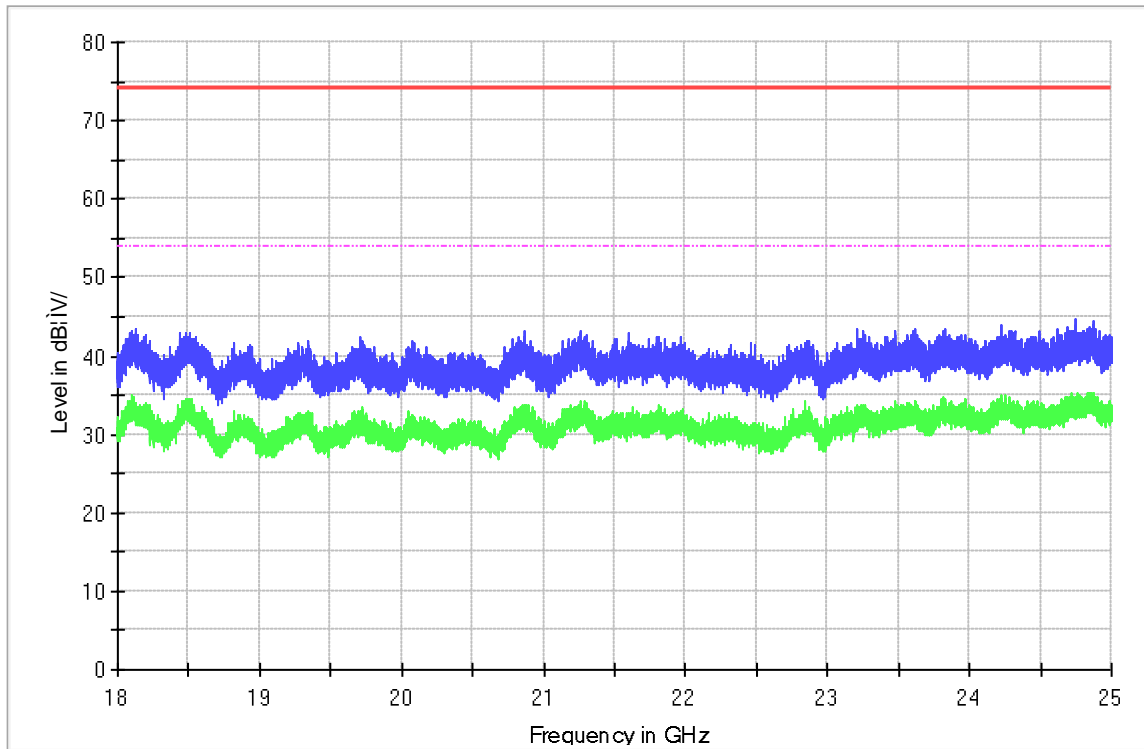
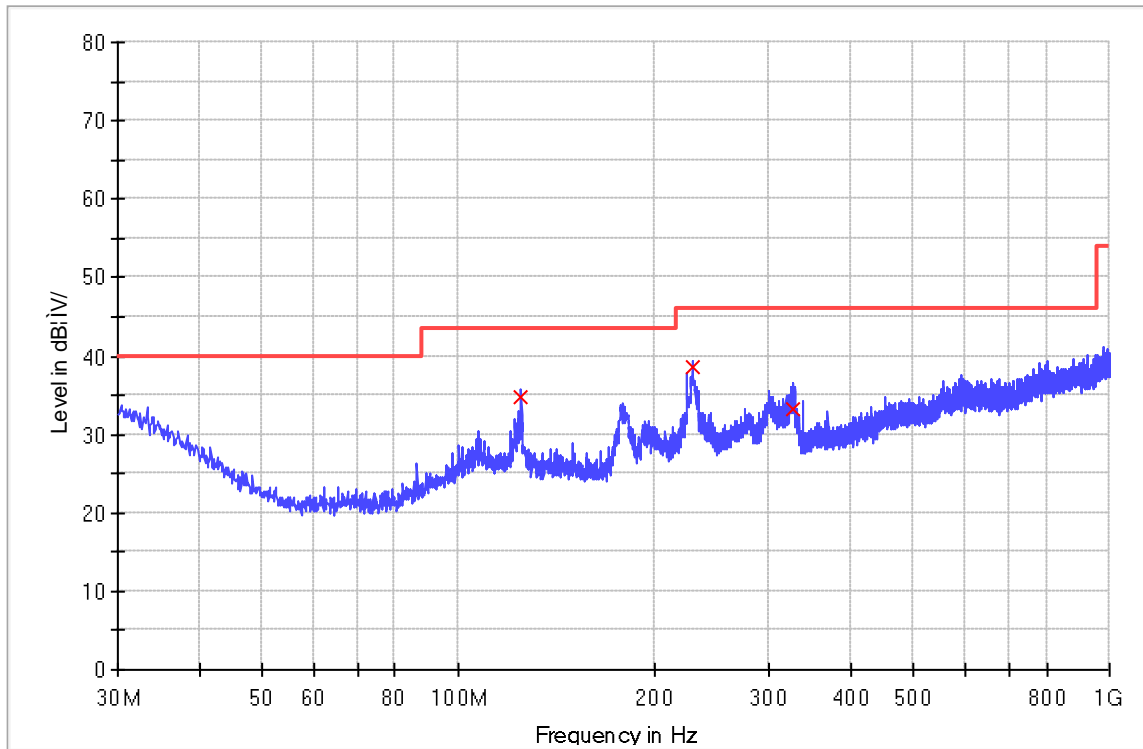


Figure 54: Radiated Spurious Emission, TM5, 30MHz to 1GHz, H

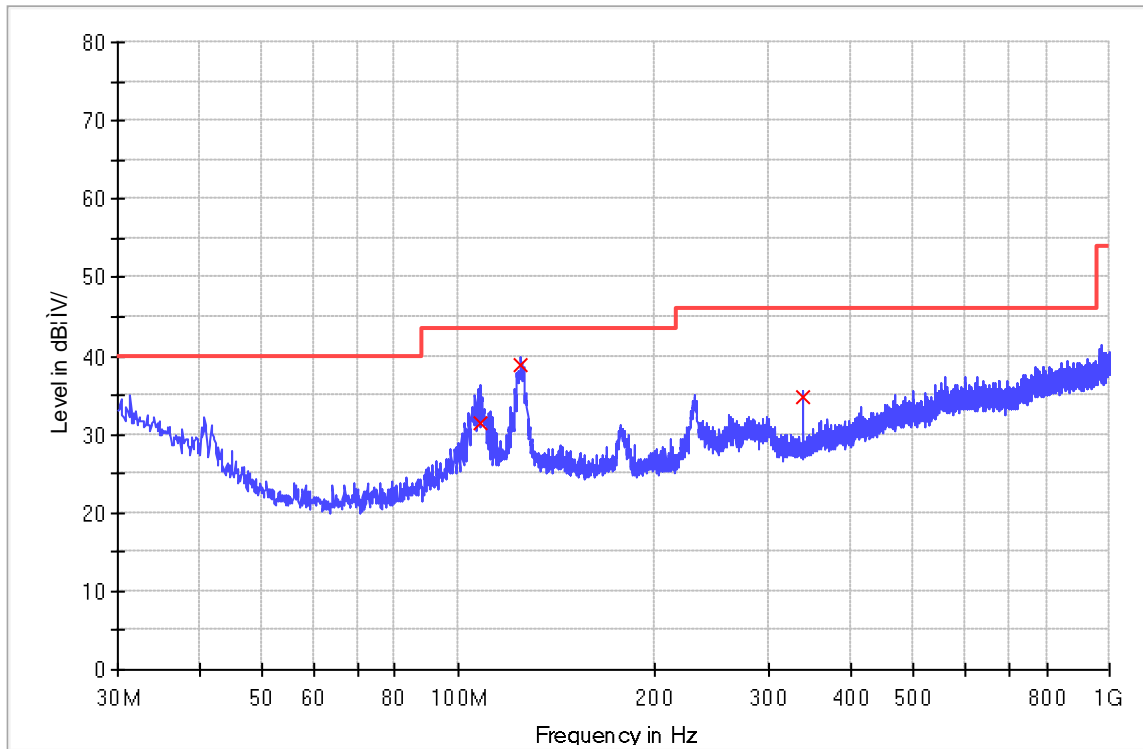
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
124.938750	34.8	H	18.7	8.7	43.5
228.486250	38.7	H	16.8	7.3	46.0
326.456250	33.3	H	20.6	12.7	46.0

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

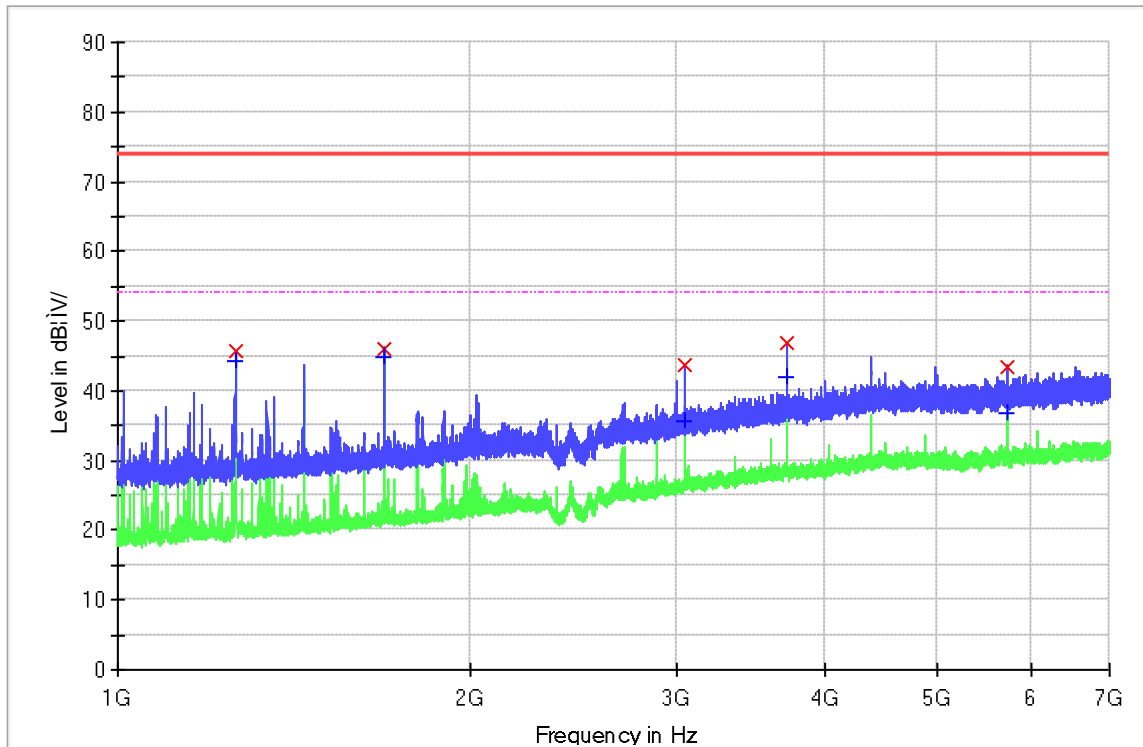
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
108.206250	31.5	V	18.4	12.0	43.5
124.696250	38.8	V	18.7	4.7	43.5
337.490000	34.7	V	20.6	11.3	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

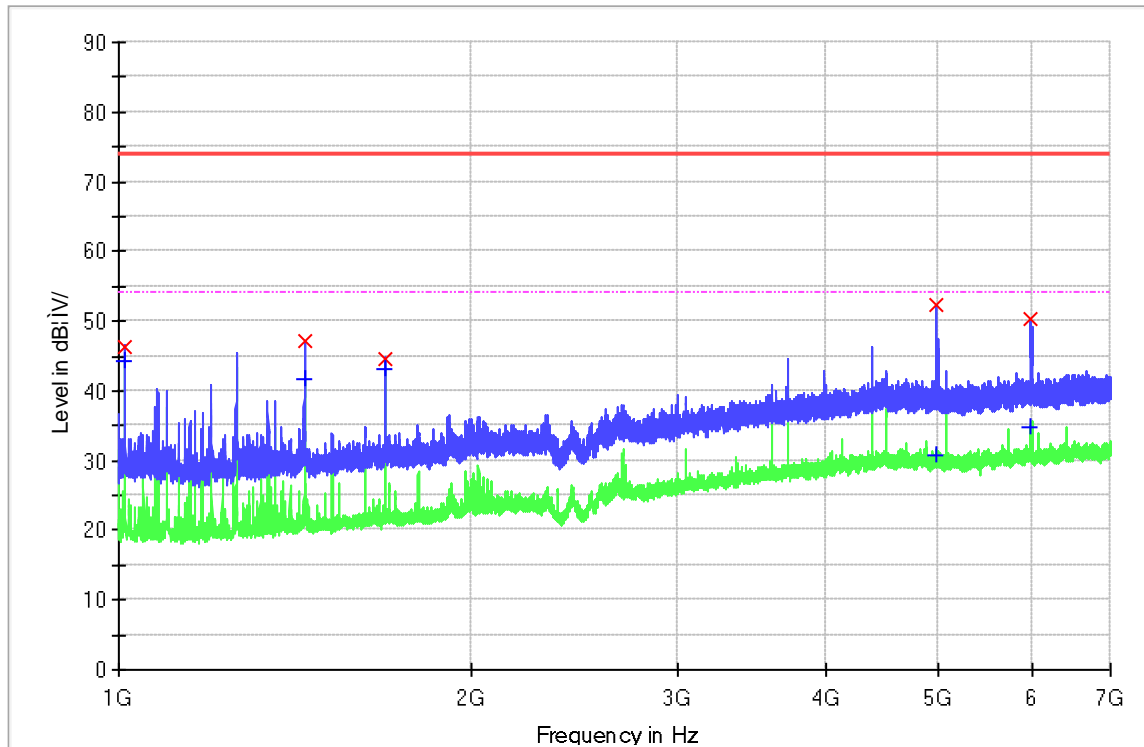
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.7	H	-20.8	28.3	74.0
1687.562500	46.1	H	-17.9	27.9	74.0
3037.562500	43.6	H	-11.6	30.4	74.0
3712.562500	46.8	H	-8.8	27.2	74.0
5737.750000	43.4	H	-5.7	30.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	44.3	H	-20.8	9.7	54.0
1687.562500	44.9	H	-17.9	9.1	54.0
3037.562500	35.6	H	-11.6	18.4	54.0
3712.562500	41.9	H	-8.8	12.1	54.0
5737.750000	36.9	H	-5.7	17.1	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)
1012.375000	46.4	V	-22.4	27.6	74.0
1439.875000	47.1	V	-19.4	26.9	74.0
1687.375000	44.7	V	-17.9	29.3	74.0
4979.125000	52.2	V	-6.7	21.8	74.0
5984.500000	50.2	V	-5.9	23.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	44.4	V	-22.4	9.6	54.0
1439.875000	41.6	V	-19.4	12.4	54.0
1687.375000	43.0	V	-17.9	11.0	54.0
4979.125000	30.7	V	-6.7	23.3	54.0
5984.500000	34.9	V	-5.9	19.1	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

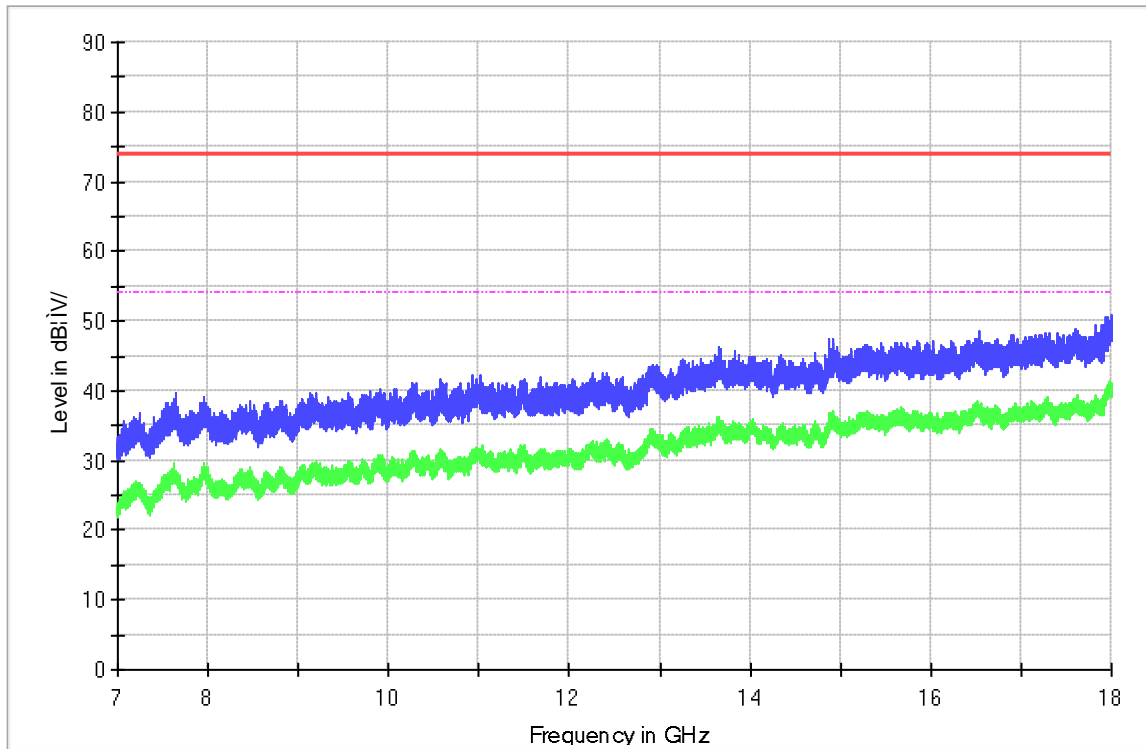


Figure 59: Radiated Spurious Emission, TM5, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

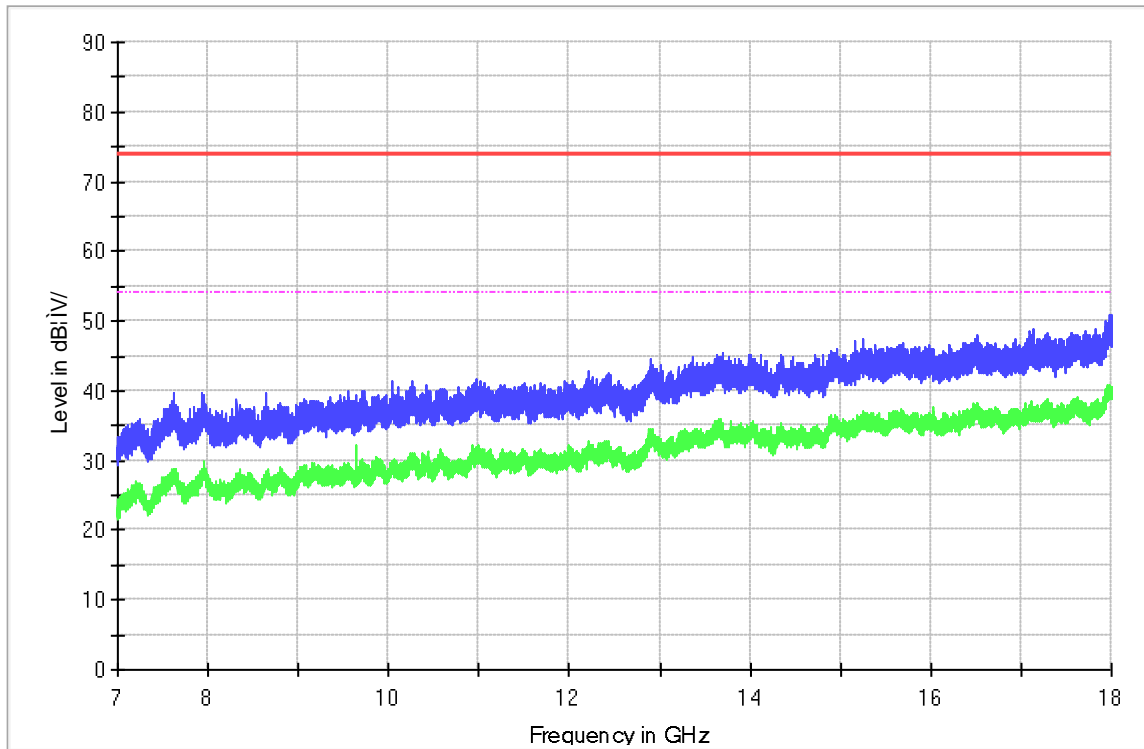


Figure 60: Radiated Spurious Emission, TM5, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

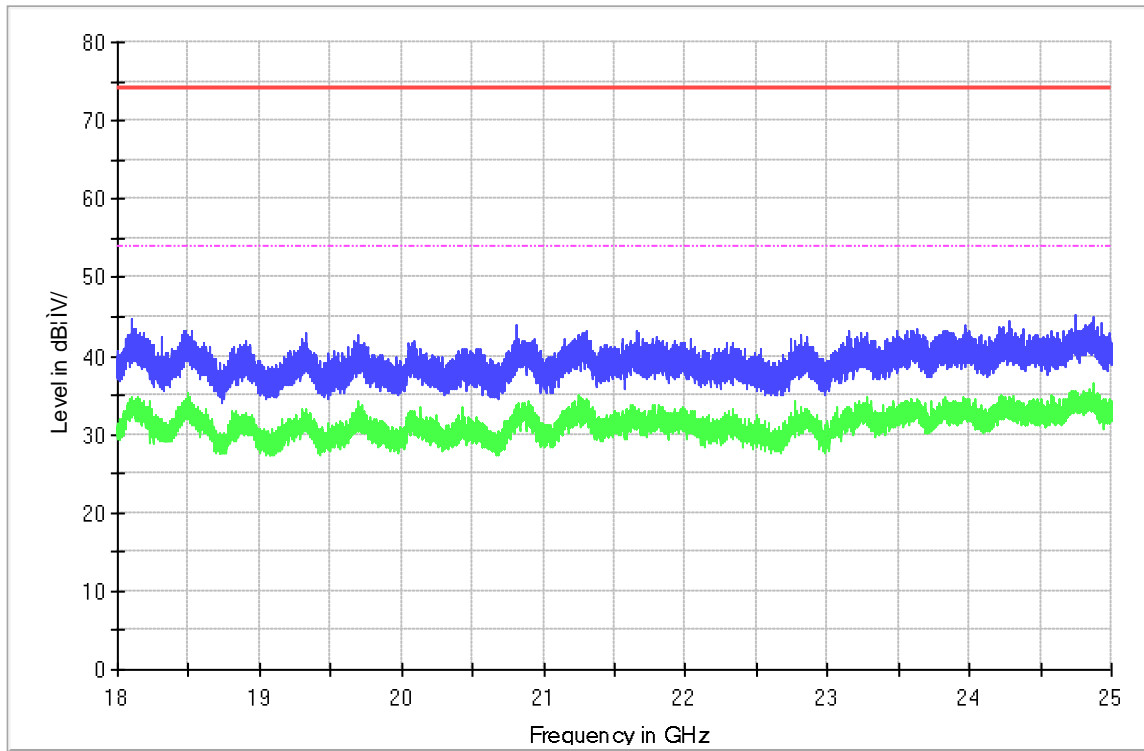


Figure 61: Radiated Spurious Emission, TM5, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

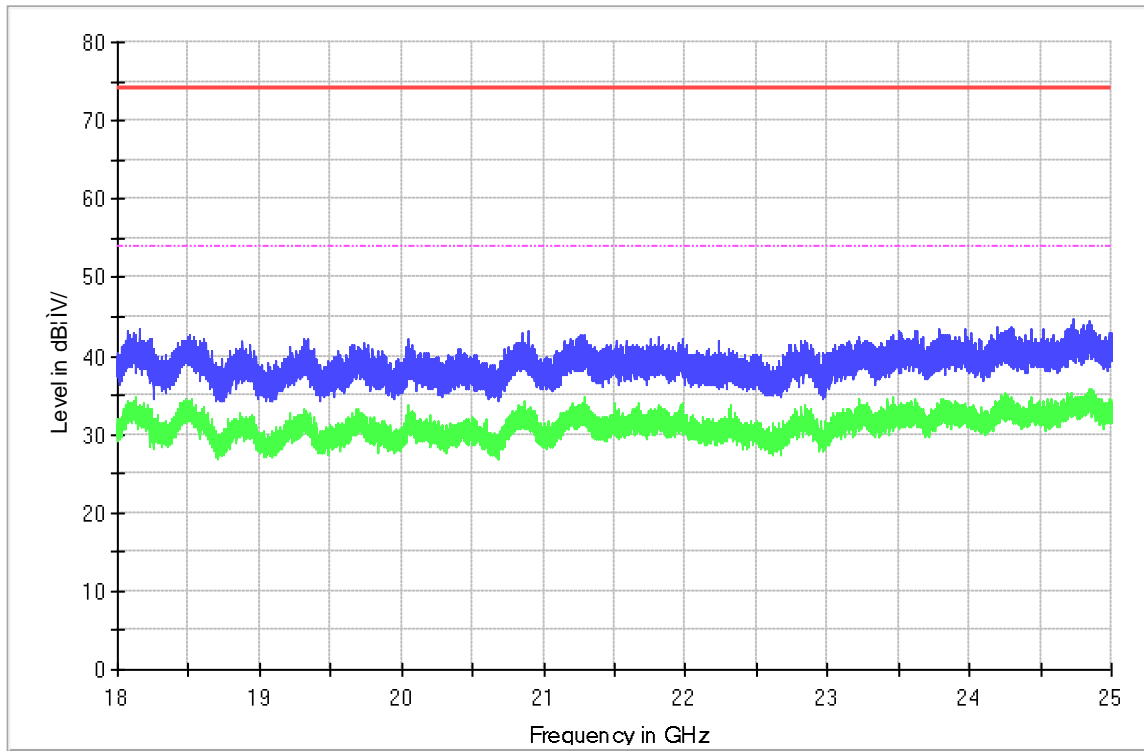
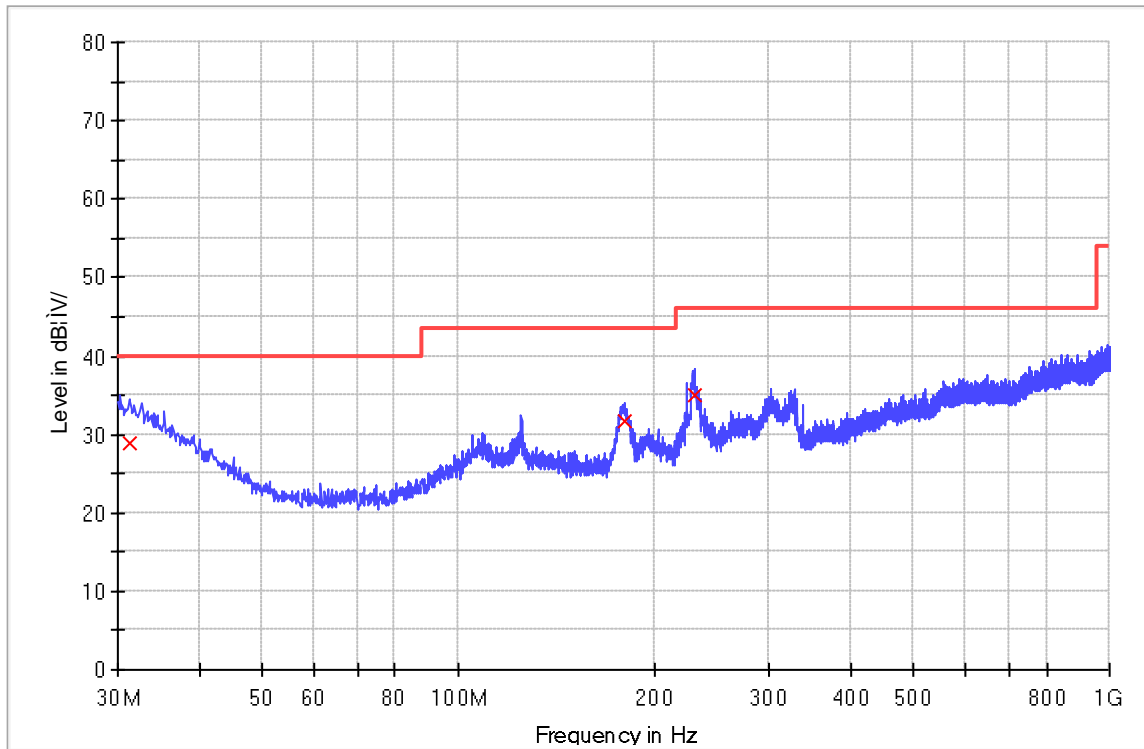


Figure 62: Radiated Spurious Emission, TM6, 30MHz to 1GHz, H

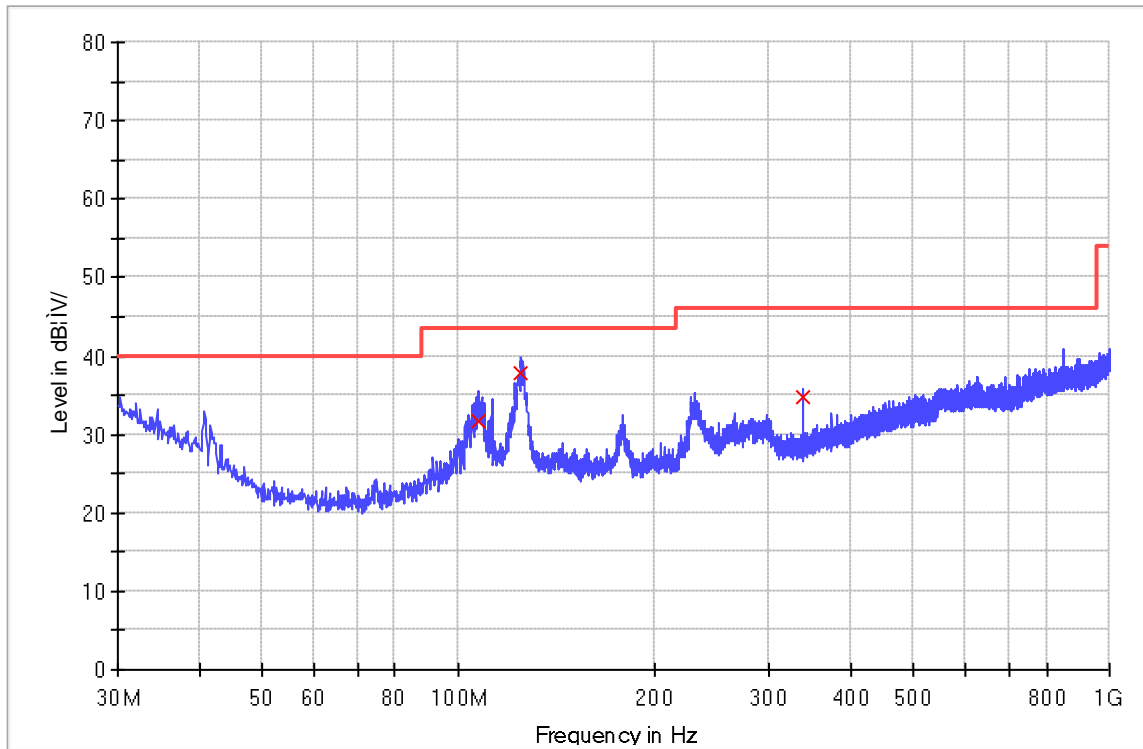
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	28.8	H	24.8	11.2	40.0
180.228750	31.6	H	15.9	11.9	43.5
230.668750	35.1	H	17.0	10.9	46.0

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

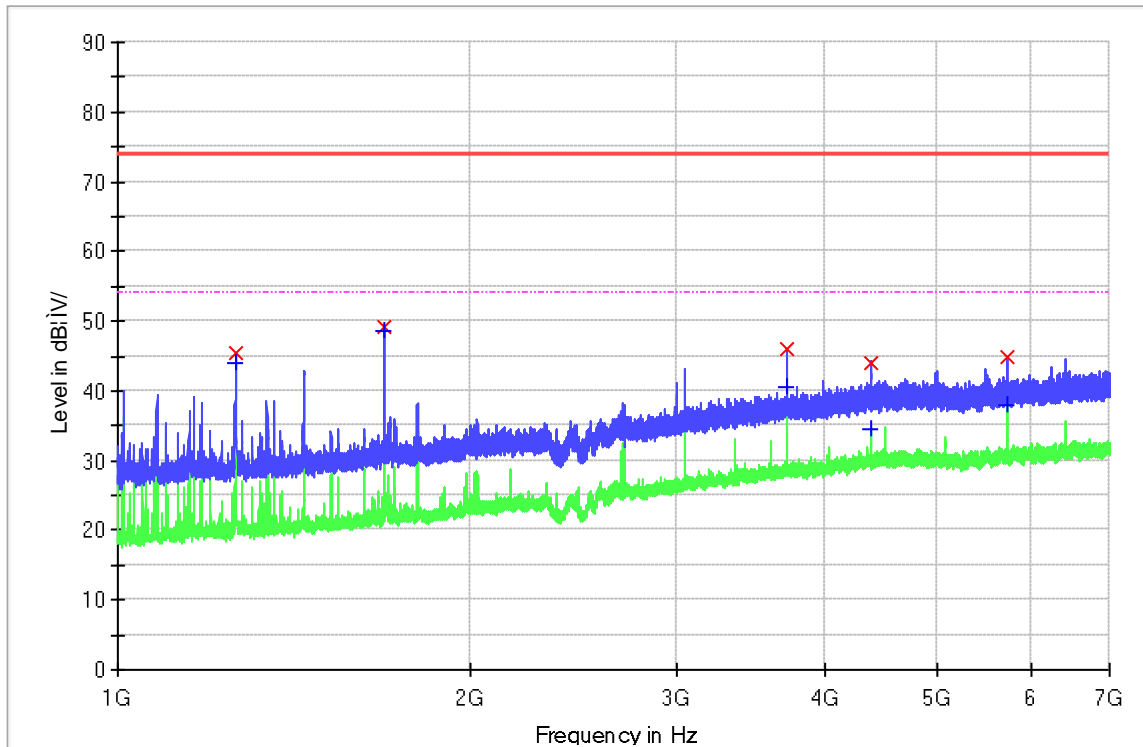
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
107.478750	31.8	V	18.4	11.7	43.5
124.938750	37.8	V	18.7	5.7	43.5
337.490000	34.7	V	20.6	11.3	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

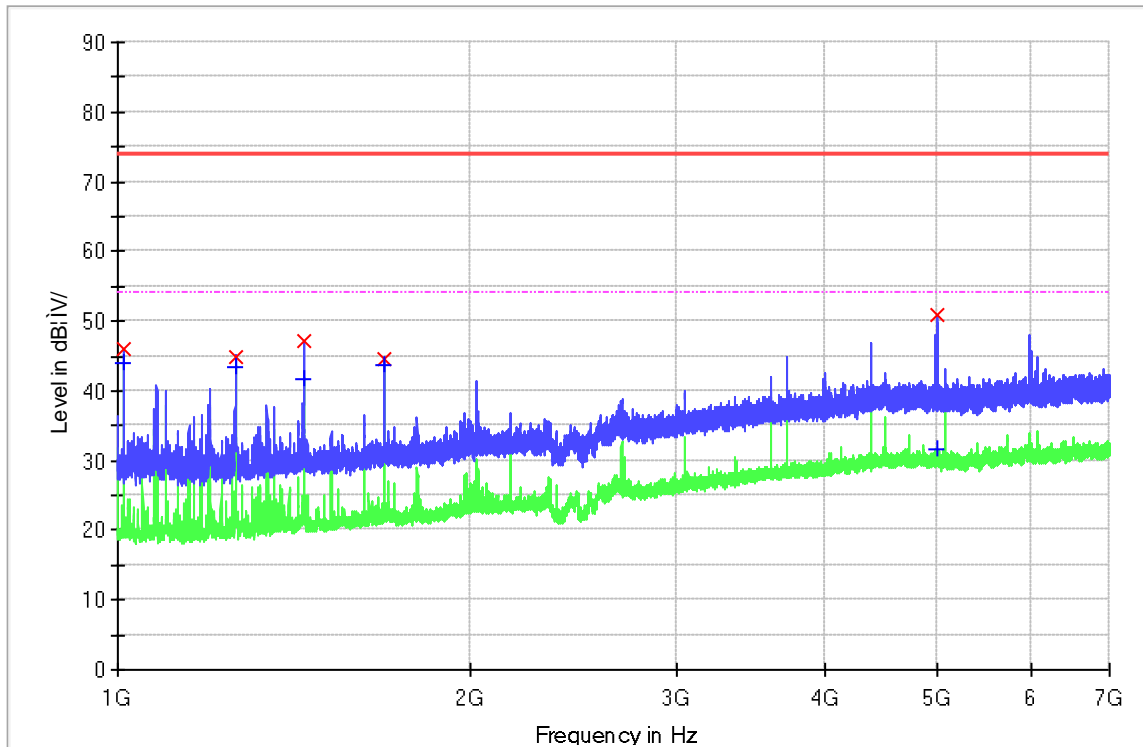
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.4	H	-20.8	28.6	74.0
1687.375000	49.2	H	-17.9	24.8	74.0
3712.562500	46.0	H	-8.8	28.0	74.0
4387.750000	44.1	H	-6.7	29.9	74.0
5737.750000	44.8	H	-5.7	29.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	43.9	H	-20.8	10.1	54.0
1687.375000	48.6	H	-17.9	5.4	54.0
3712.562500	40.6	H	-8.8	13.4	54.0
4387.750000	34.5	H	-6.7	19.5	54.0
5737.750000	38.0	H	-5.7	16.0	54.0

Figure 65: Radiated Spurious Emission, TM6, 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)
1012.375000	46.0	V	-22.4	28.0	74.0
1259.875000	44.9	V	-20.8	29.1	74.0
1439.687500	47.2	V	-19.4	26.8	74.0
1687.562500	44.5	V	-17.9	29.5	74.0
4994.687500	50.8	V	-6.7	23.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	43.9	V	-22.4	10.1	54.0
1259.875000	43.5	V	-20.8	10.5	54.0
1439.687500	41.8	V	-19.4	12.2	54.0
1687.562500	43.7	V	-17.9	10.3	54.0
4994.687500	31.5	V	-6.7	22.5	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

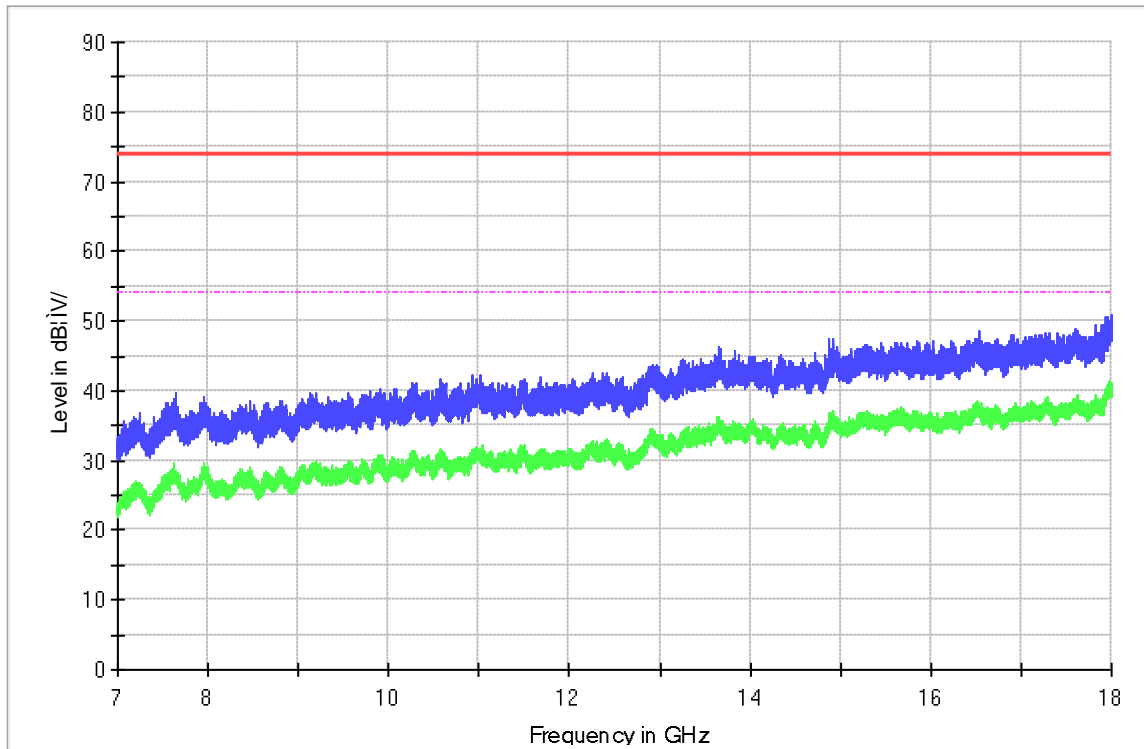


Figure 67: Radiated Spurious Emission, TM6, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

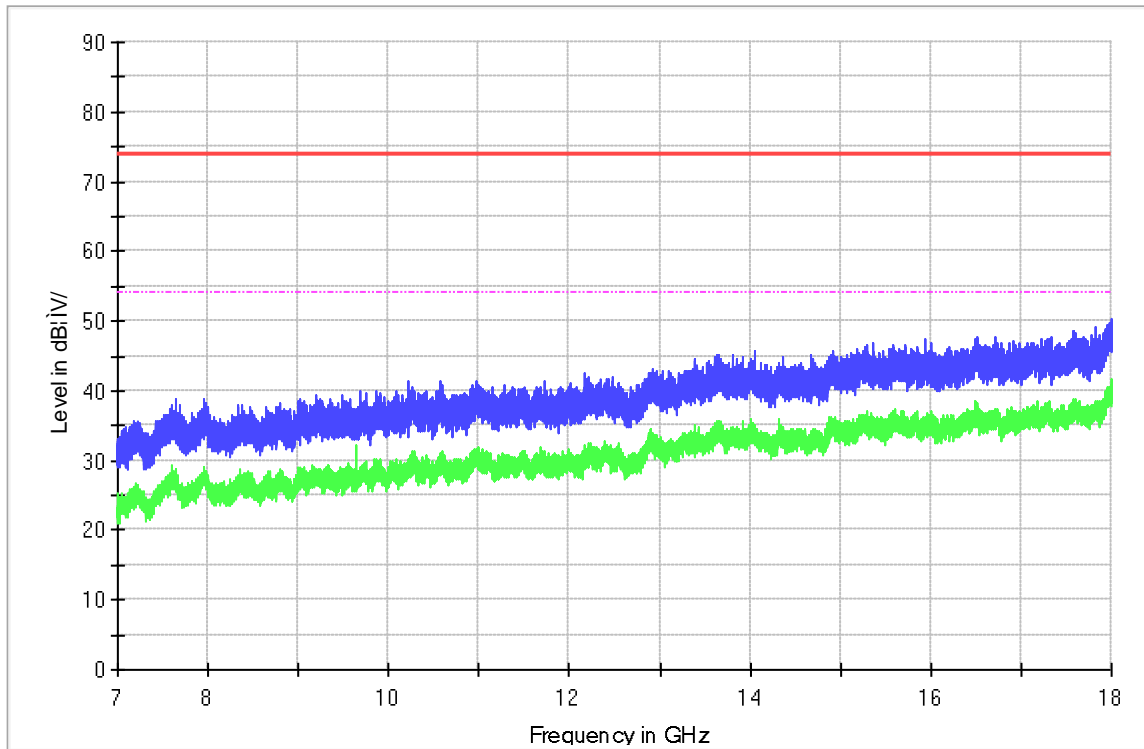


Figure 68: Radiated Spurious Emission, TM6, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

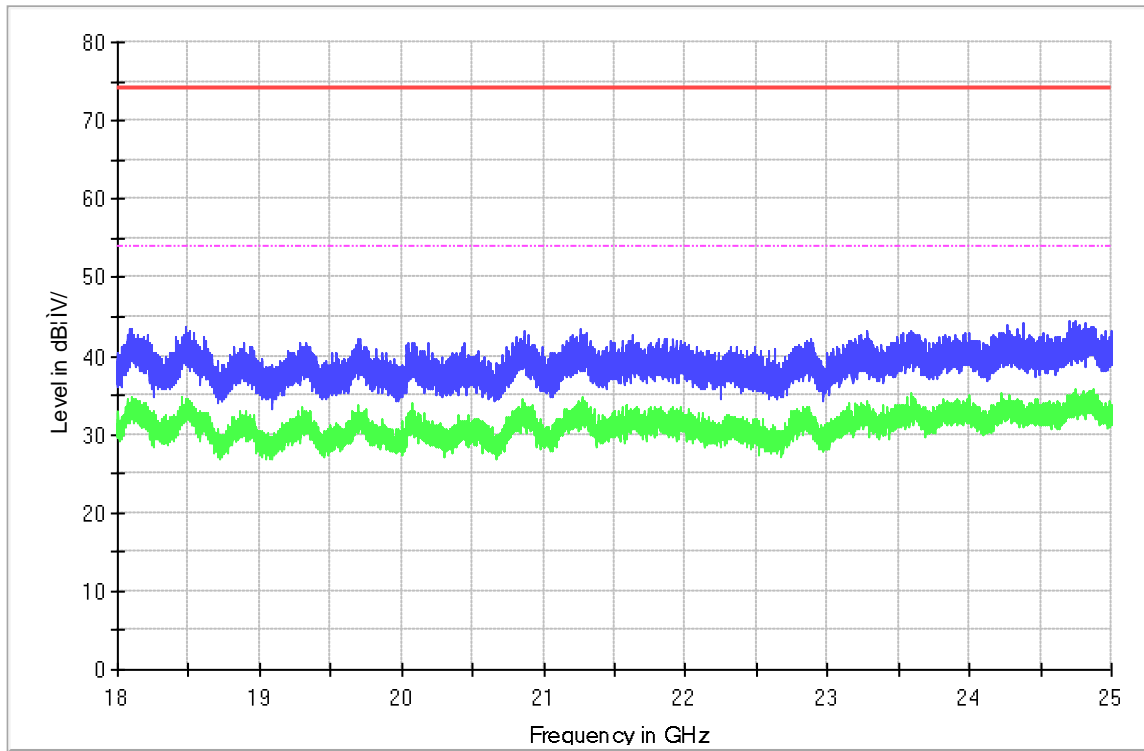


Figure 69: Radiated Spurious Emission, TM6, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

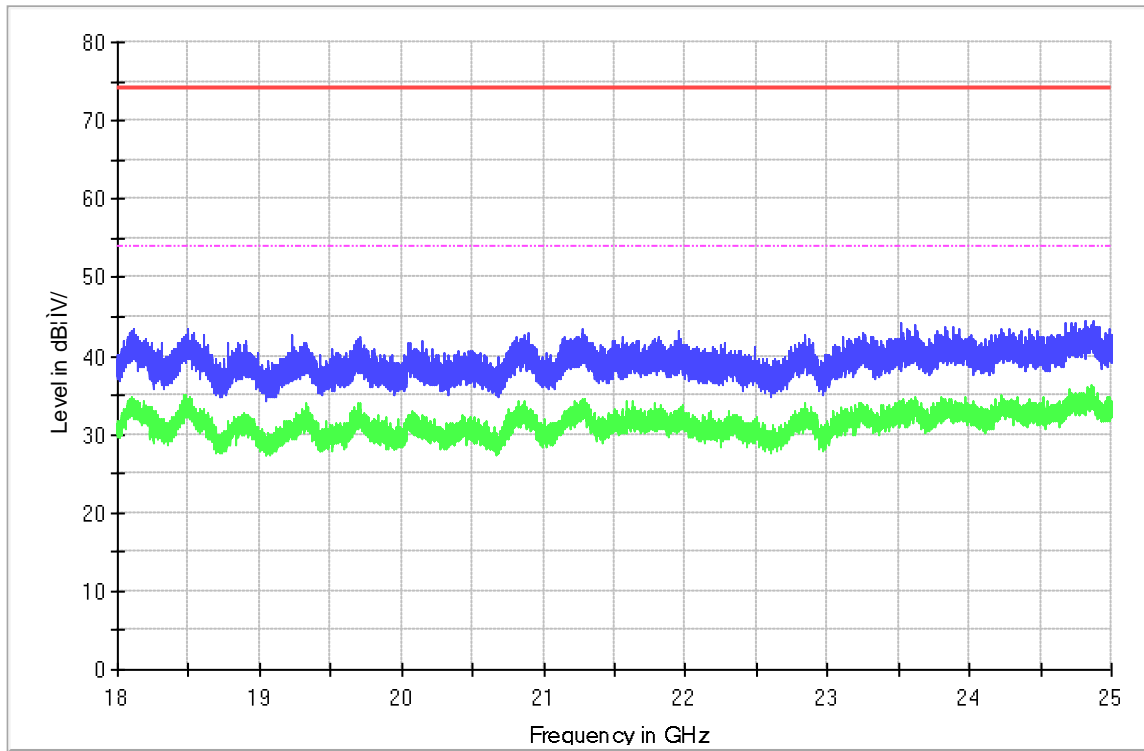
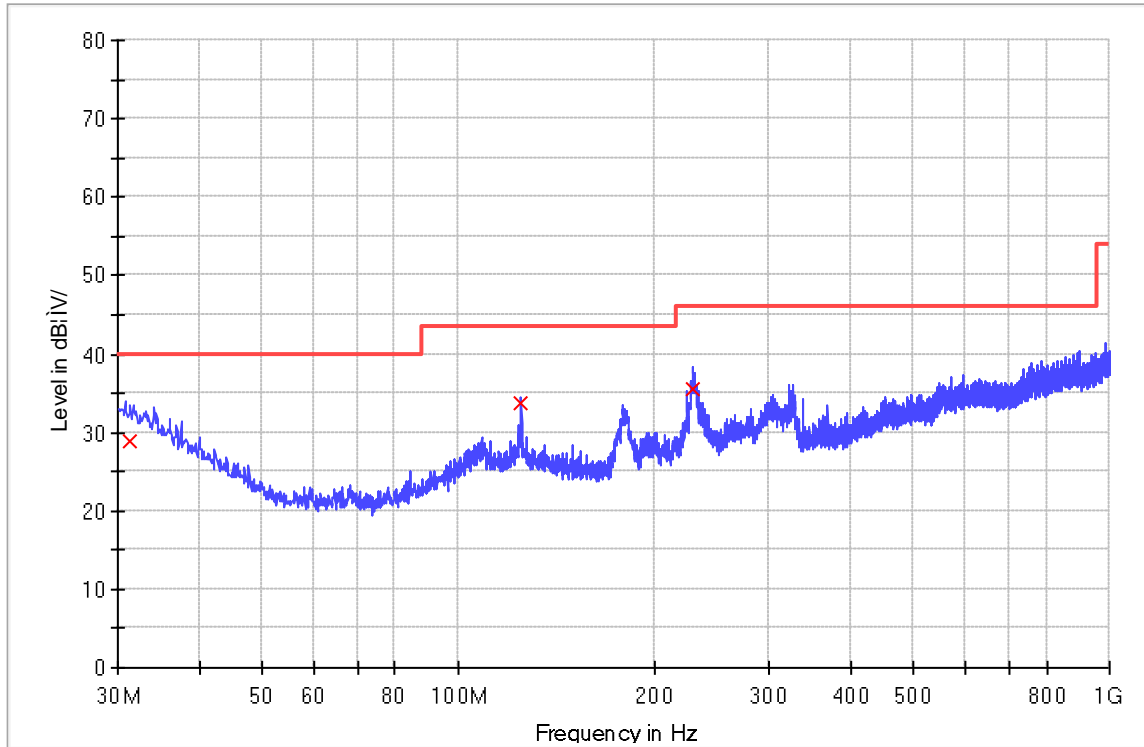


Figure 70: Radiated Spurious Emission, TM7, 30MHz to 1GHz, H

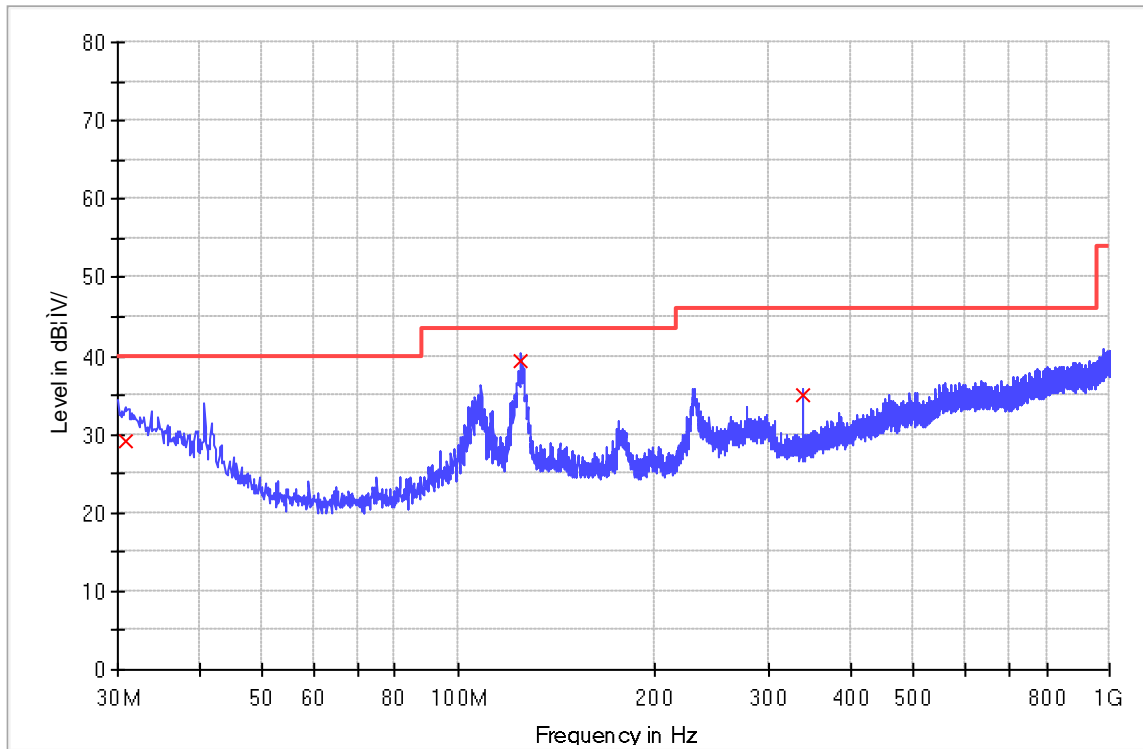
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	28.9	H	24.8	11.1	40.0
124.938750	33.8	H	18.7	9.7	43.5
229.698750	35.4	H	16.9	10.6	46.0

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

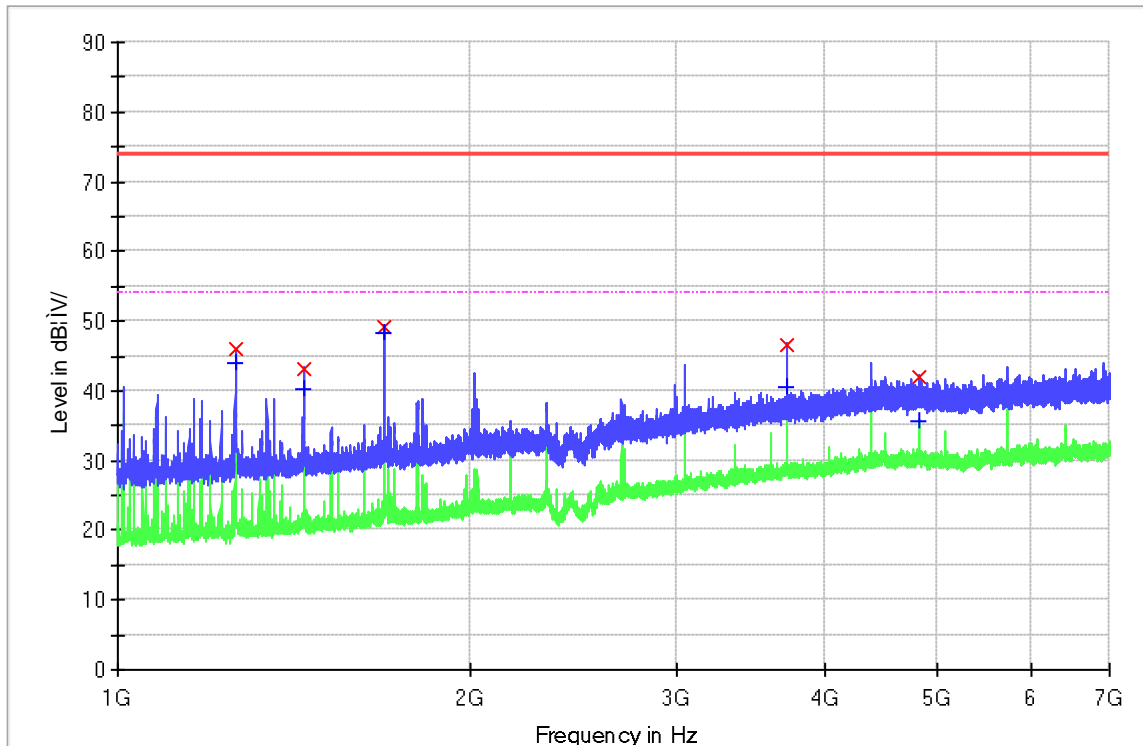
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	PoI	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	29.1	V	25.0	10.9	40.0
124.938750	39.3	V	18.7	4.2	43.5
337.490000	35.1	V	20.6	10.9	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

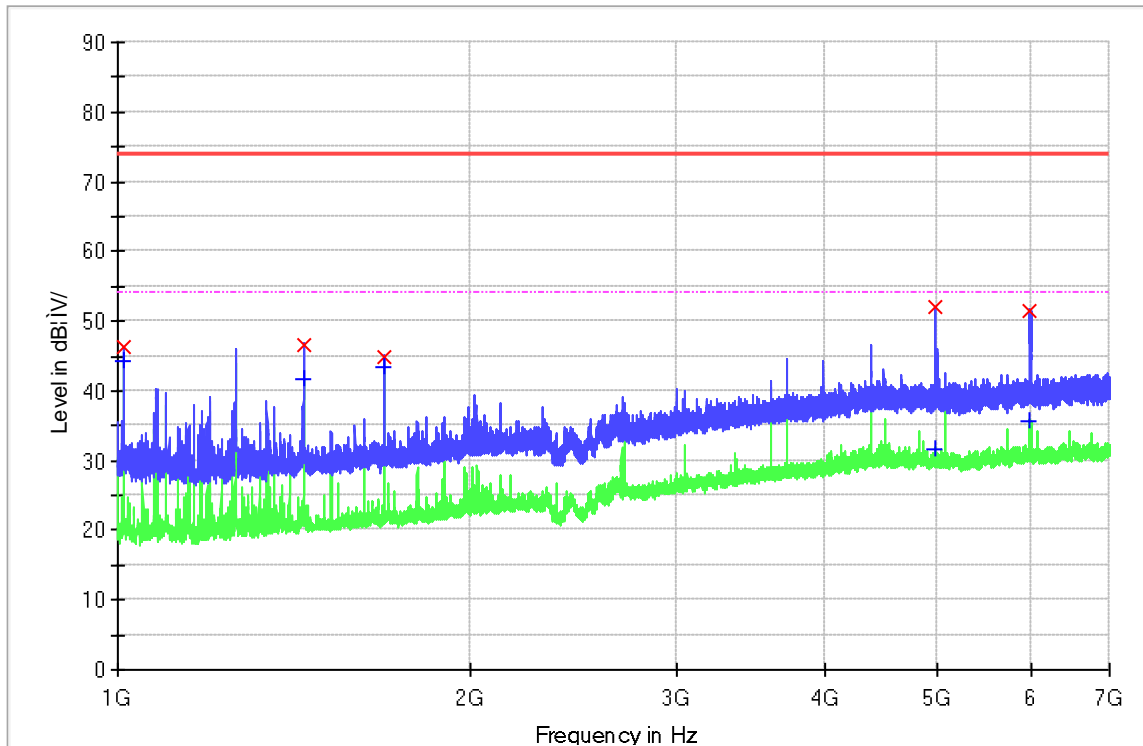
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.687500	45.9	H	-20.8	28.1	74.0
1439.875000	43.2	H	-19.4	30.8	74.0
1687.375000	49.3	H	-17.9	24.7	74.0
3712.750000	46.7	H	-8.8	27.3	74.0
4823.875000	42.0	H	-6.5	32.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.687500	44.0	H	-20.8	10.0	54.0
1439.875000	40.3	H	-19.4	13.7	54.0
1687.375000	48.3	H	-17.9	5.7	54.0
3712.750000	40.4	H	-8.8	13.6	54.0
4823.875000	35.7	H	-6.5	18.3	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)
1012.375000	46.2	V	-22.4	27.8	74.0
1439.875000	46.7	V	-19.4	27.3	74.0
1687.562500	45.0	V	-17.9	29.0	74.0
4978.937500	52.0	V	-6.7	22.0	74.0
5980.750000	51.6	V	-5.9	22.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.375000	44.4	V	-22.4	9.6	54.0
1439.875000	41.6	V	-19.4	12.4	54.0
1687.562500	43.3	V	-17.9	10.7	54.0
4978.937500	31.6	V	-6.7	22.4	54.0
5980.750000	35.7	V	-5.9	18.3	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

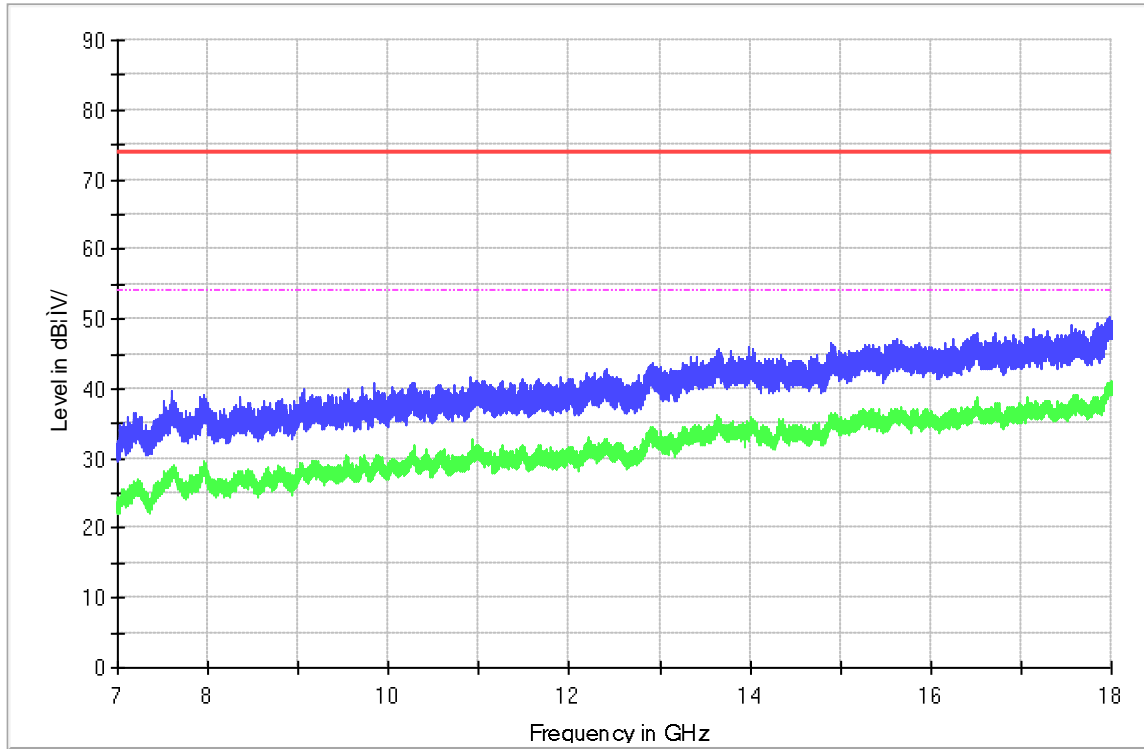


Figure 75: Radiated Spurious Emission, TM7, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

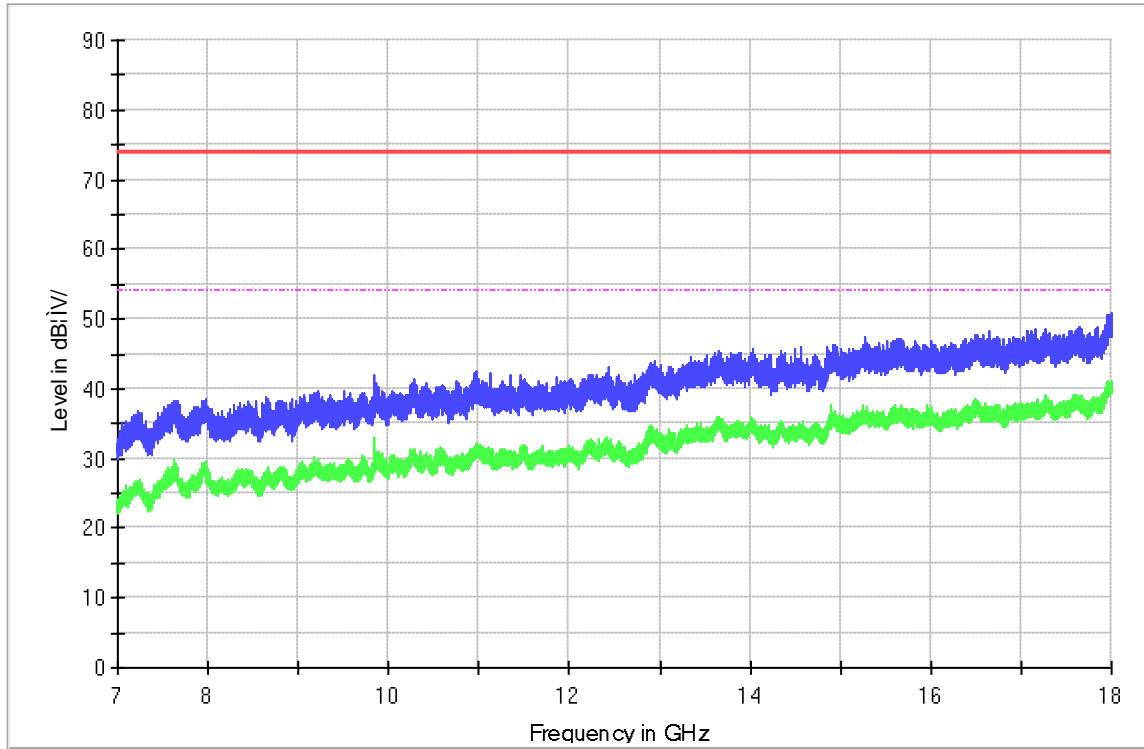


Figure 76: Radiated Spurious Emission, TM7, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

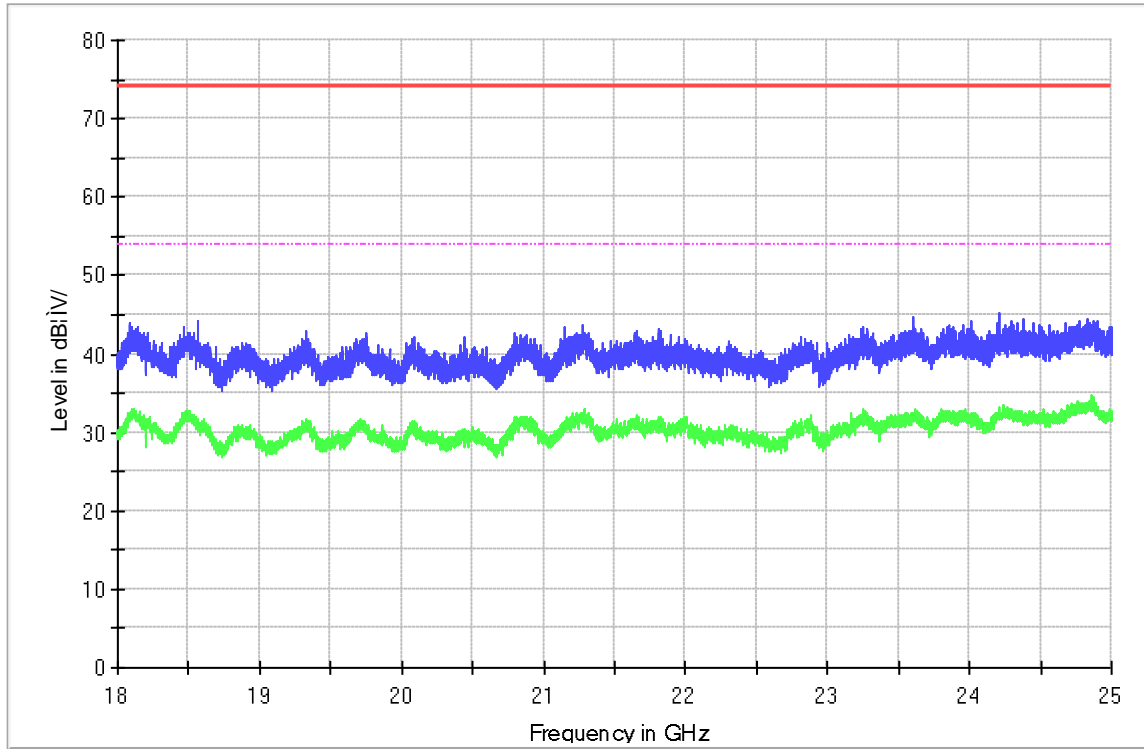


Figure 77: Radiated Spurious Emission, TM7, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

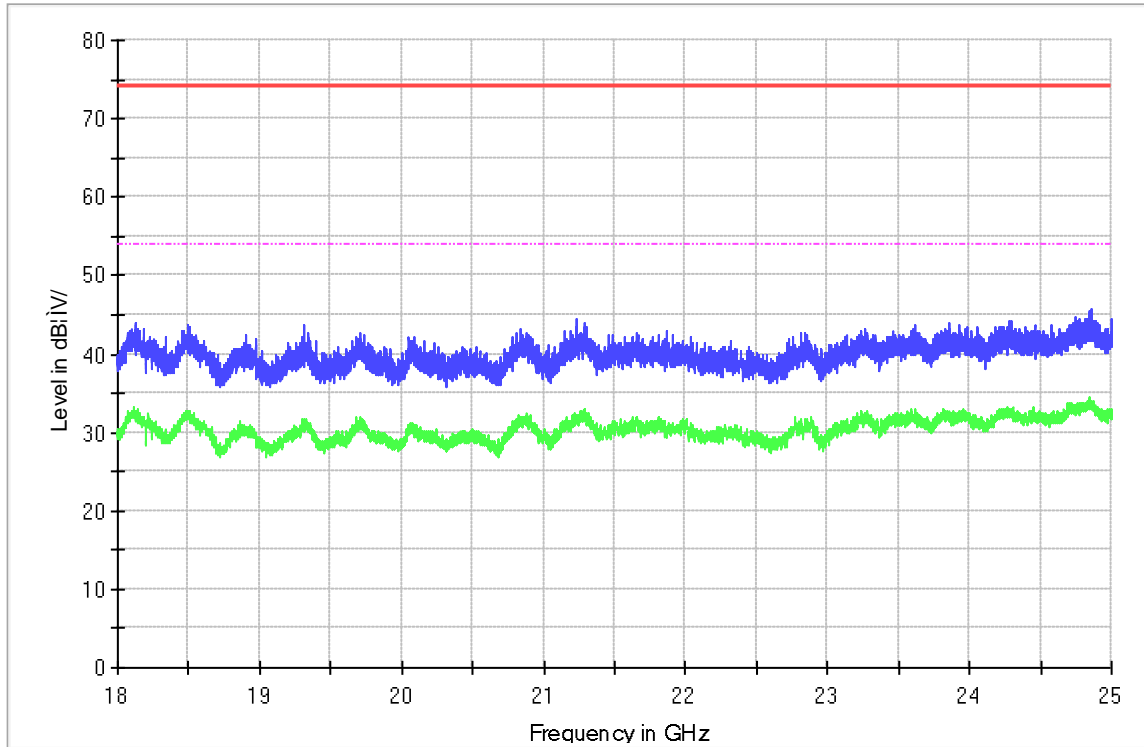
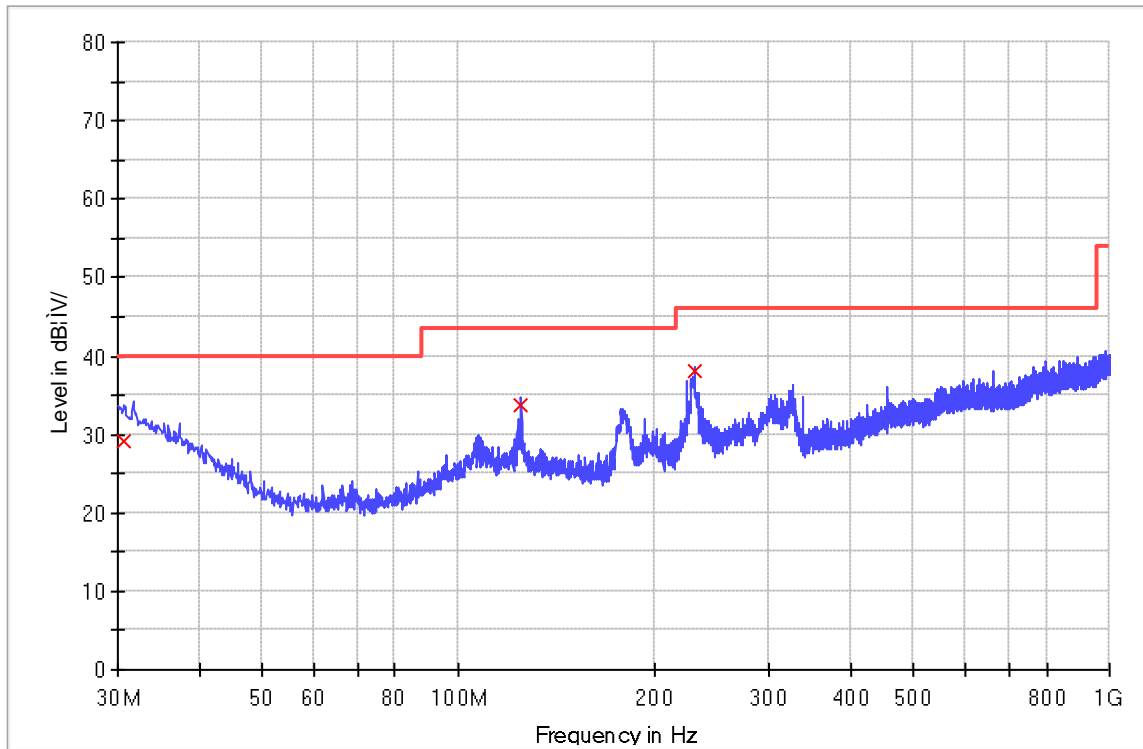


Figure 78: Radiated Spurious Emission, TM8, 30MHz to 1GHz, H

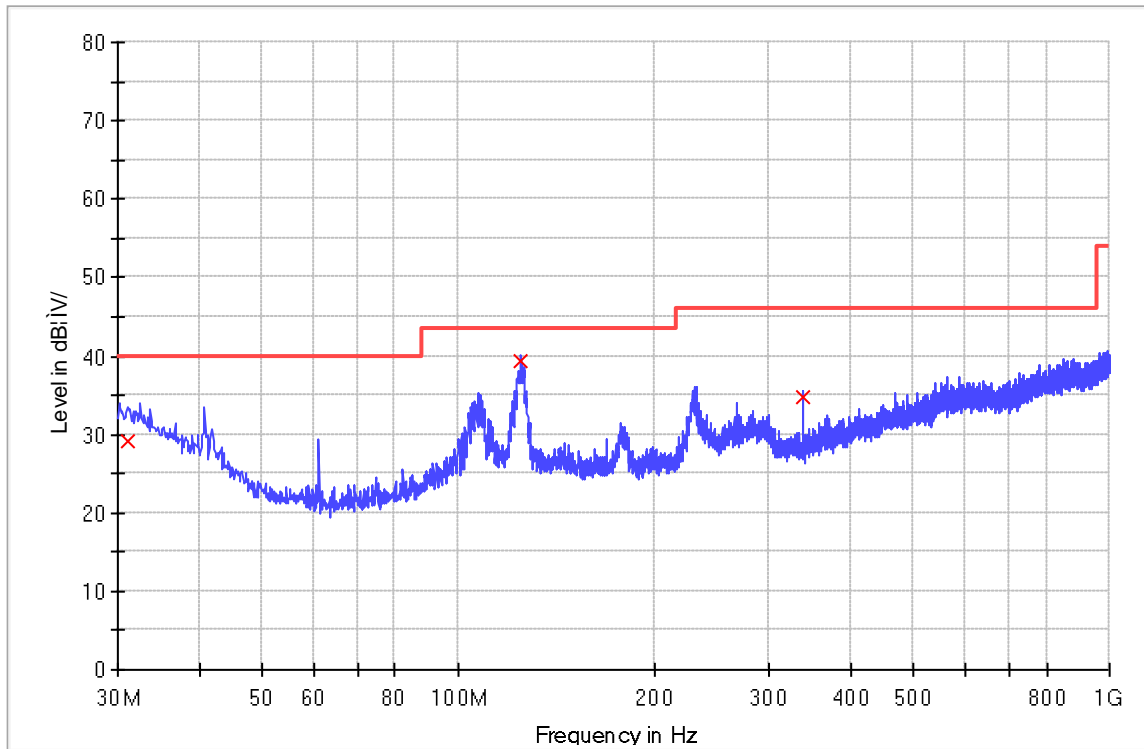
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.1	H	25.0	10.9	40.0
124.938750	33.8	H	18.7	9.7	43.5
230.426250	38.1	H	17.0	7.9	46.0

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

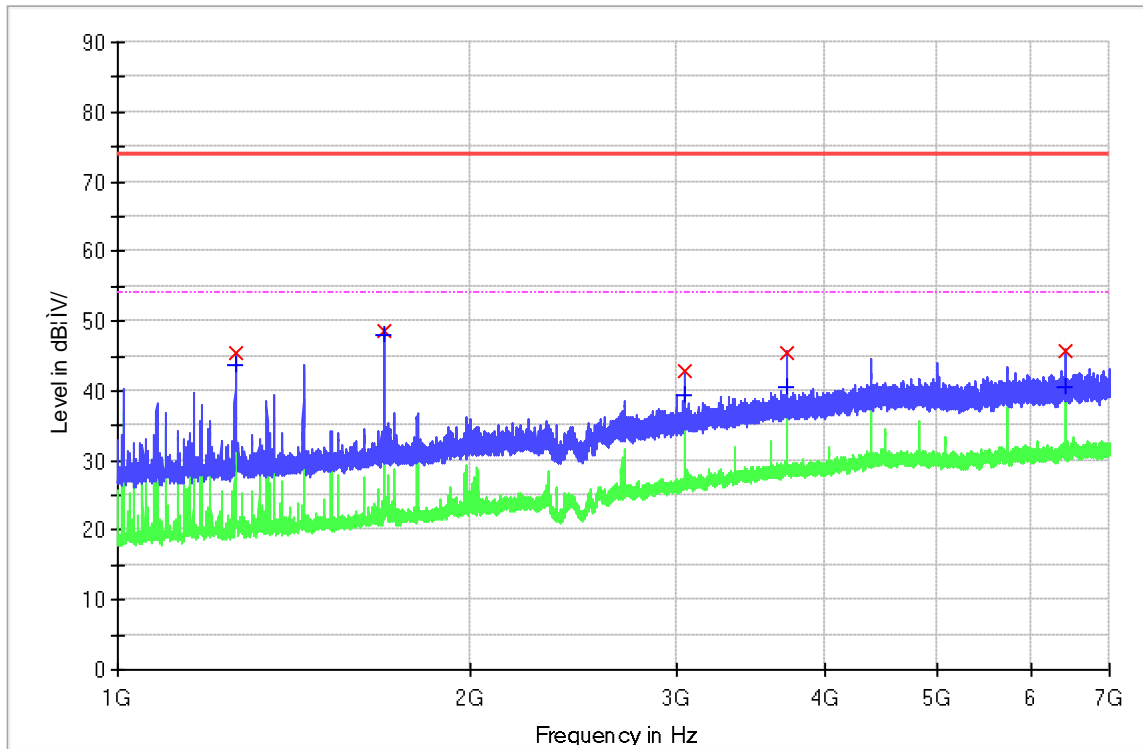
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.091250	29.0	V	24.9	11.0	40.0
124.938750	39.4	V	18.7	4.1	43.5
337.490000	34.7	V	20.6	11.3	46.0

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

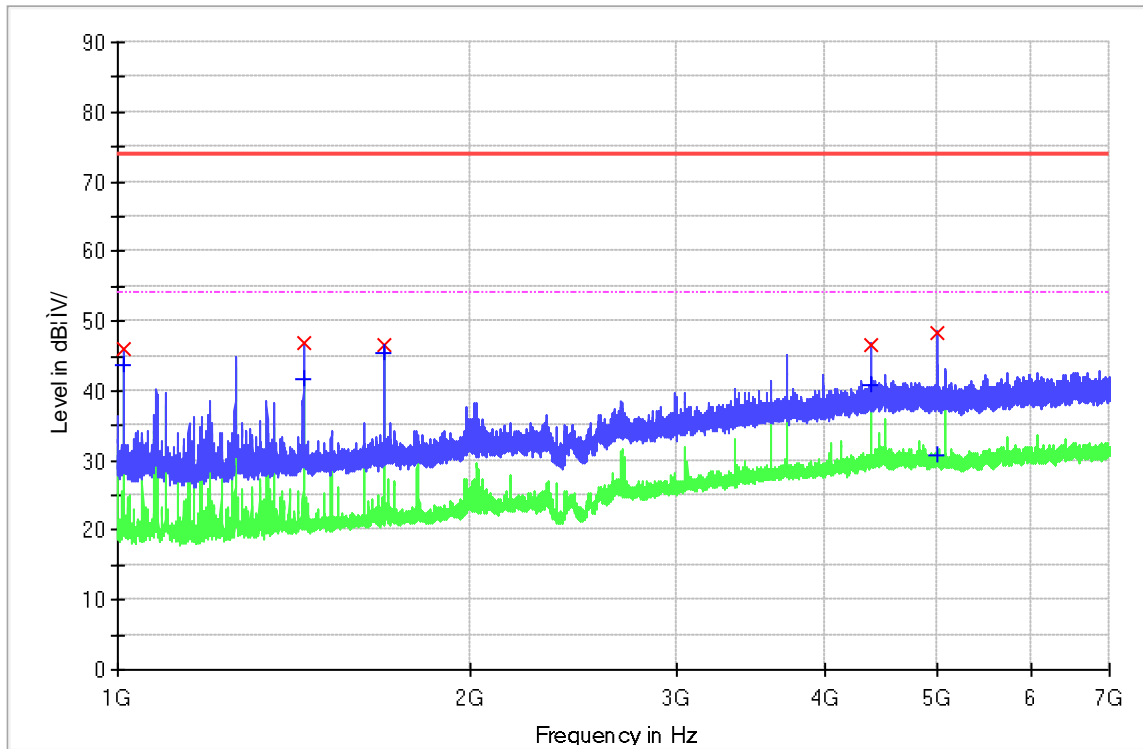
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.4	H	-20.8	28.6	74.0
1687.375000	48.7	H	-17.9	25.3	74.0
3037.562500	42.8	H	-11.6	31.2	74.0
3712.562500	45.5	H	-8.8	28.5	74.0
6412.750000	45.7	H	-4.8	28.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	43.7	H	-20.8	10.3	54.0
1687.375000	48.1	H	-17.9	5.9	54.0
3037.562500	39.4	H	-11.6	14.6	54.0
3712.562500	40.6	H	-8.8	13.4	54.0
6412.750000	40.5	H	-4.8	13.5	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)
1012.562500	45.9	V	-22.4	28.1	74.0
1439.875000	46.8	V	-19.4	27.2	74.0
1687.375000	46.6	V	-17.9	27.4	74.0
4387.750000	46.6	V	-6.7	27.4	74.0
4988.875000	48.3	V	-6.7	25.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.562500	43.8	V	-22.4	10.2	54.0
1439.875000	41.8	V	-19.4	12.2	54.0
1687.375000	45.3	V	-17.9	8.7	54.0
4387.750000	40.9	V	-6.7	13.1	54.0
4988.875000	30.7	V	-6.7	23.3	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

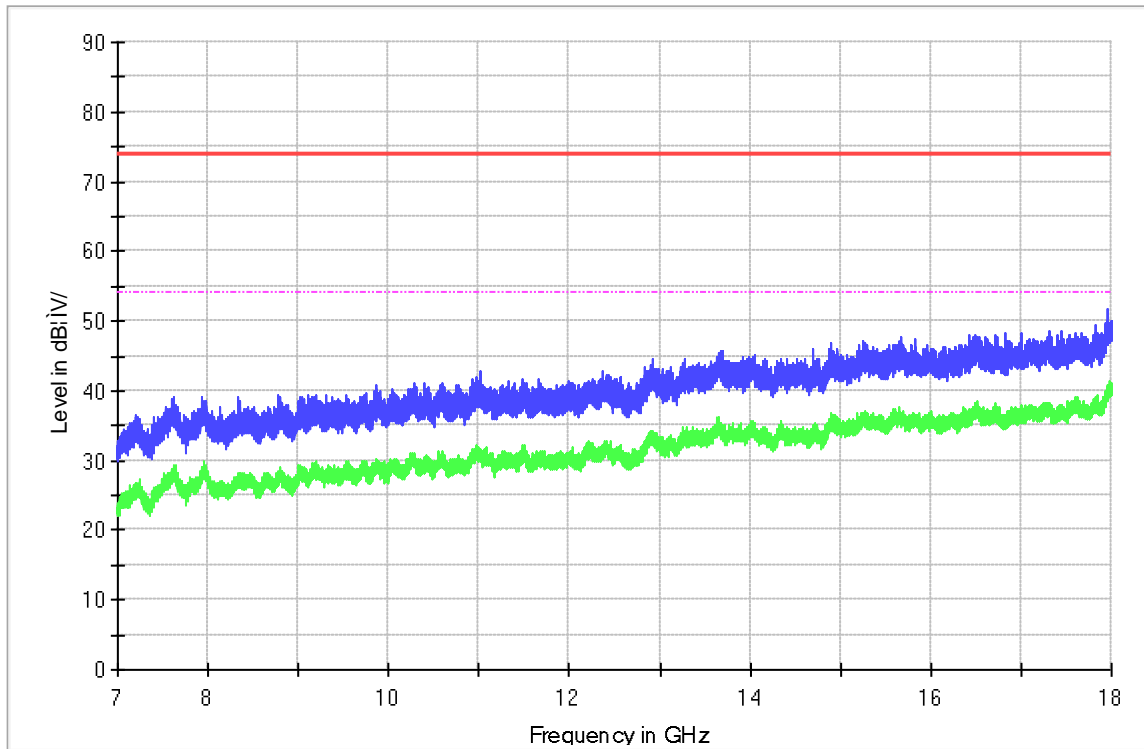


Figure 83: Radiated Spurious Emission, TM8, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

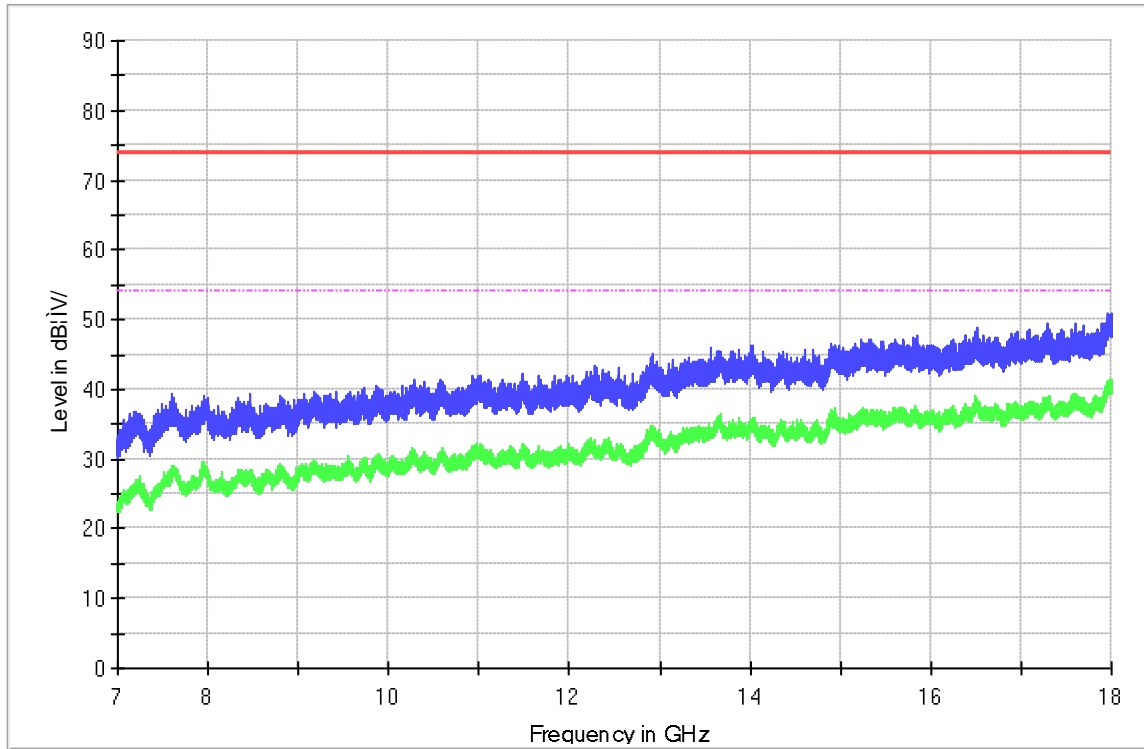


Figure 84: Radiated Spurious Emission, TM8, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

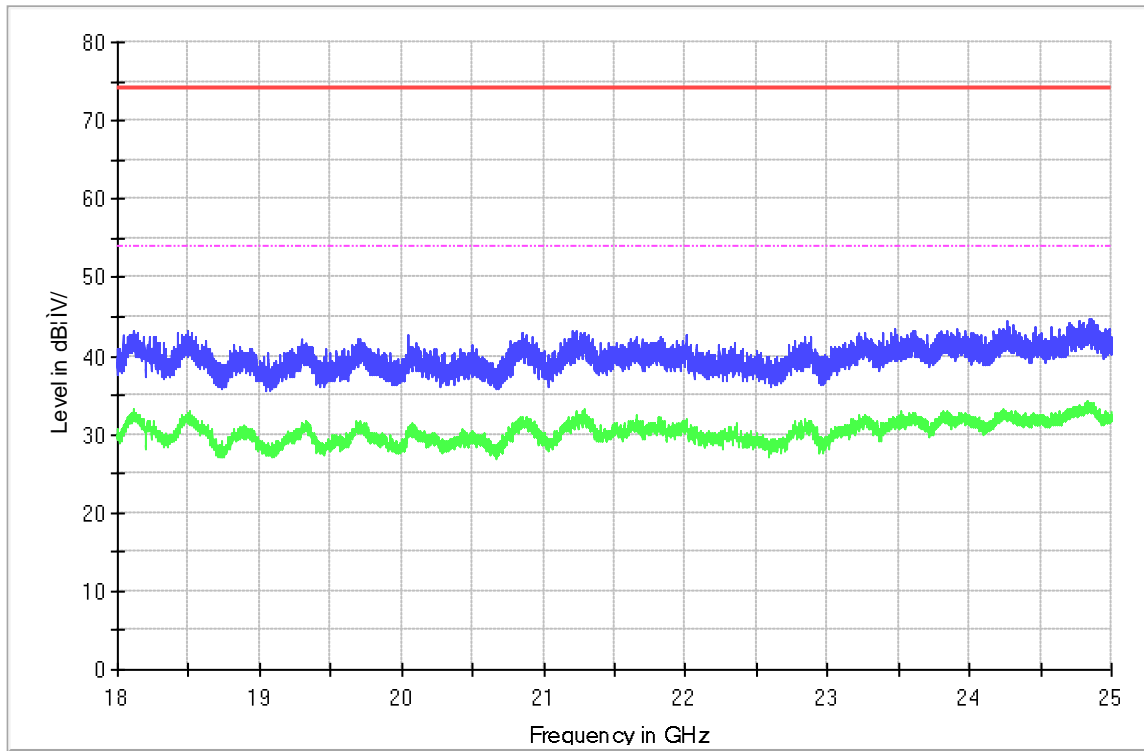


Figure 85: Radiated Spurious Emission, TM8, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre

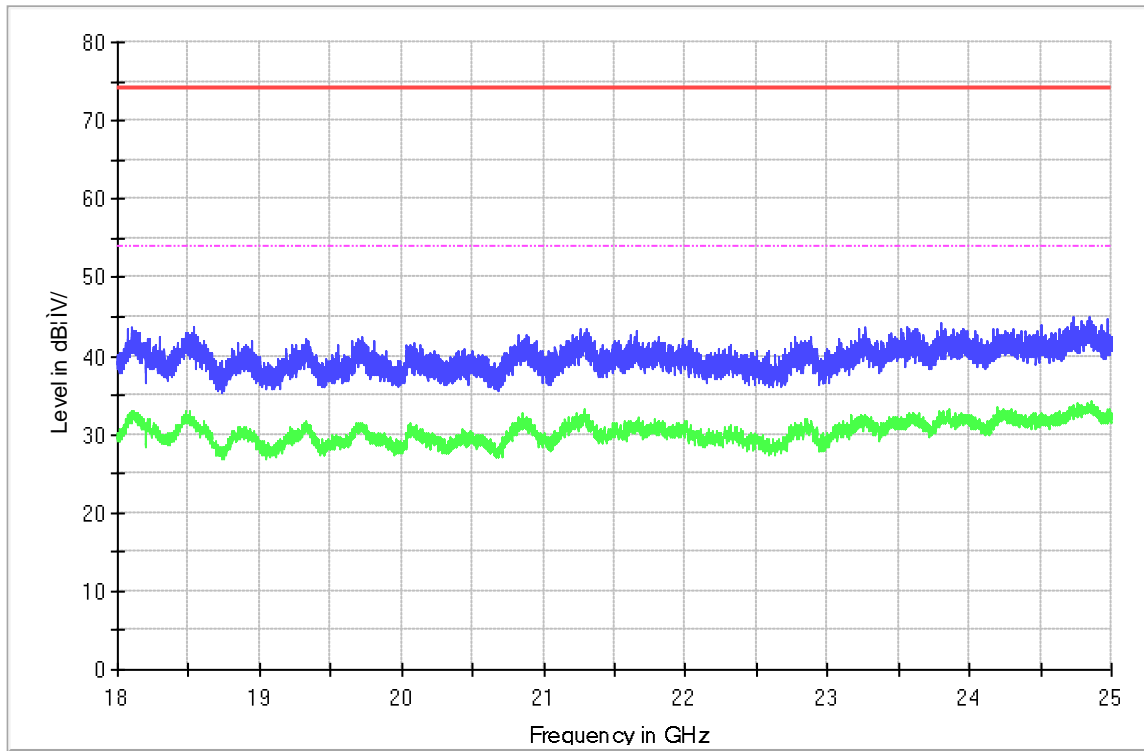
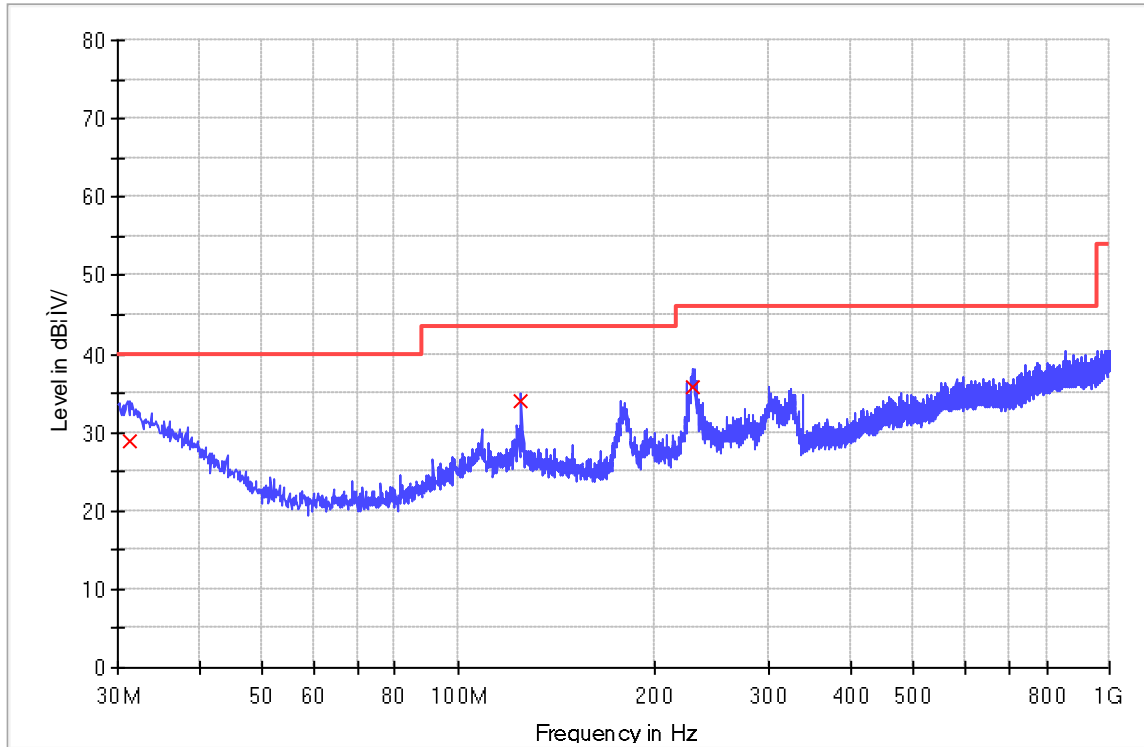


Figure 86: Radiated Spurious Emission, TM9, 30MHz to 1GHz, H

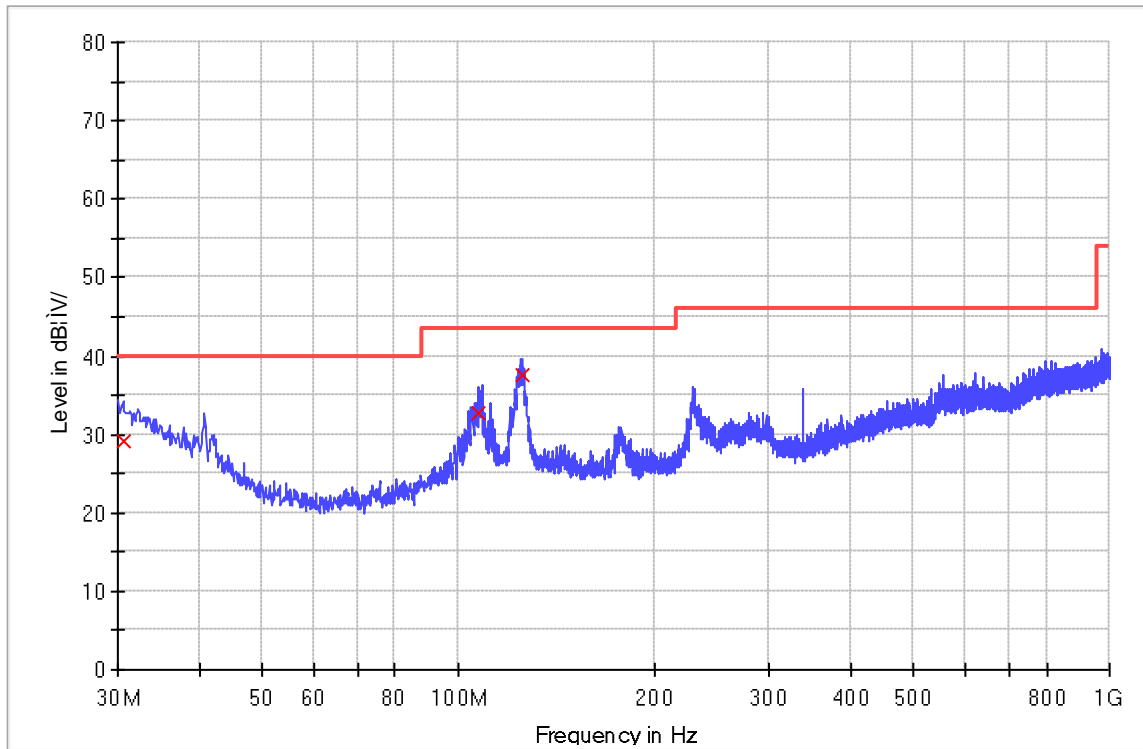
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	28.8	H	24.8	11.2	40.0
124.938750	34.1	H	18.7	9.4	43.5
228.607500	35.8	H	16.8	10.2	46.0

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

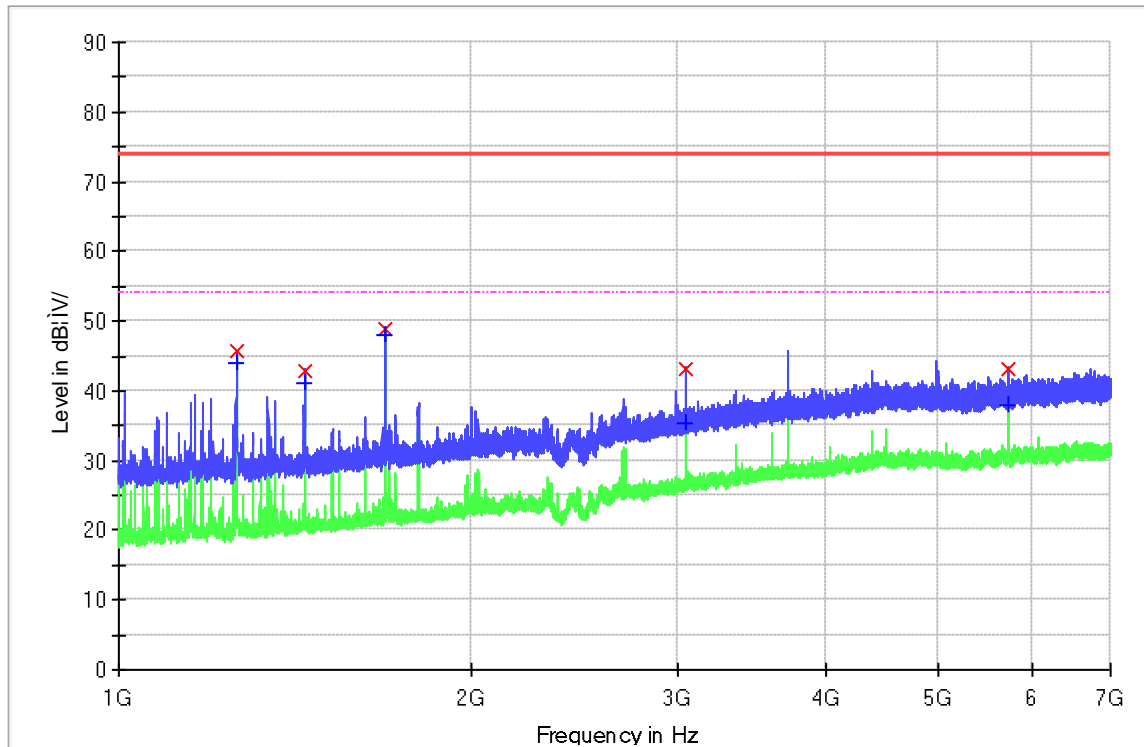
_Radiated emission (30M-1GHz) 1 Range_FCC


Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.606250	29.2	V	25.1	10.8	40.0
107.600000	32.6	V	18.4	10.9	43.5
125.060000	37.5	V	18.8	6.0	43.5

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

RE_1-1.8GHz_HL050_FSV40_Pre


Limit and Margin PK

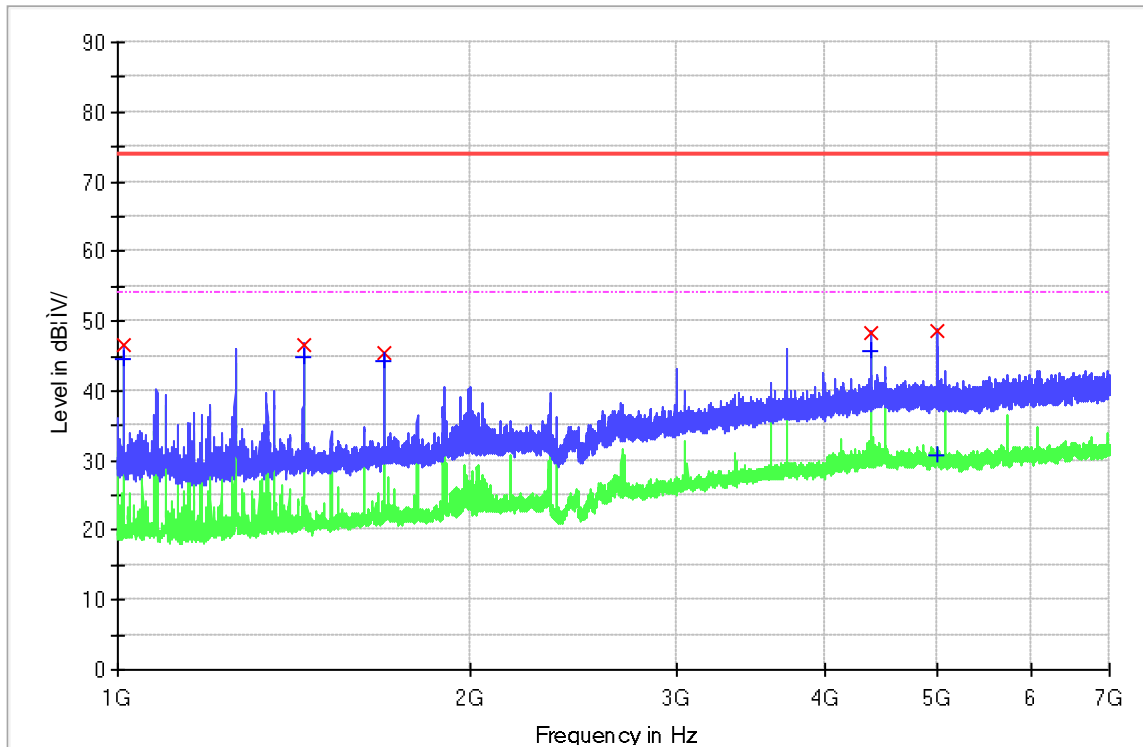
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1259.875000	45.6	H	-20.8	28.4	74.0
1439.687500	42.8	H	-19.4	31.2	74.0
1687.562500	48.8	H	-17.9	25.2	74.0
3037.750000	43.2	H	-11.6	30.8	74.0
5737.750000	43.1	H	-5.7	30.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1259.875000	44.1	H	-20.8	9.9	54.0
1439.687500	41.0	H	-19.4	13.0	54.0
1687.562500	48.1	H	-17.9	5.9	54.0
3037.750000	35.5	H	-11.6	18.5	54.0
5737.750000	37.9	H	-5.7	16.1	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)
1012.562500	46.6	V	-22.4	27.4	74.0
1439.875000	46.6	V	-19.4	27.4	74.0
1687.562500	45.3	V	-17.9	28.7	74.0
4387.750000	48.3	V	-6.7	25.7	74.0
4990.000000	48.7	V	-6.7	25.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1012.562500	44.6	V	-22.4	9.4	54.0
1439.875000	44.9	V	-19.4	9.1	54.0
1687.562500	44.2	V	-17.9	9.8	54.0
4387.750000	45.7	V	-6.7	8.3	54.0
4990.000000	30.8	V	-6.7	23.2	54.0

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

RE_1-18GHz_HL050_FSV40_Pre

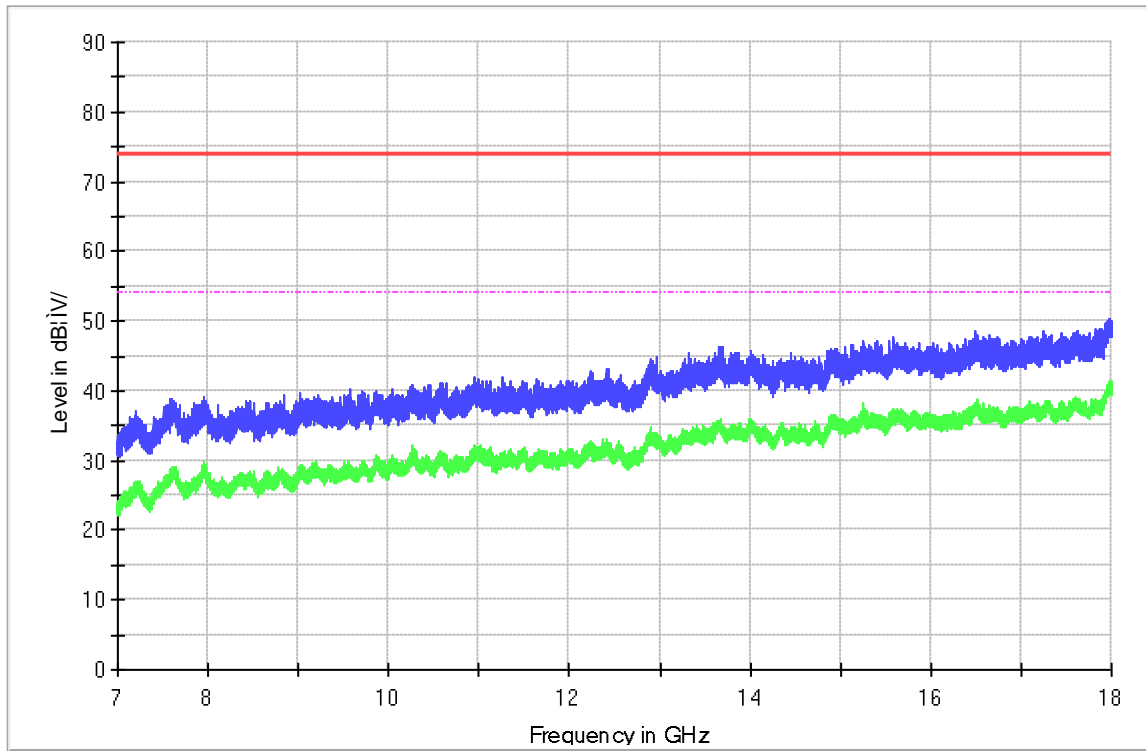


Figure 91: Radiated Spurious Emission, TM9, 7GHz to 18GHz, V

RE_1-18GHz_HL050_FSV40_Pre

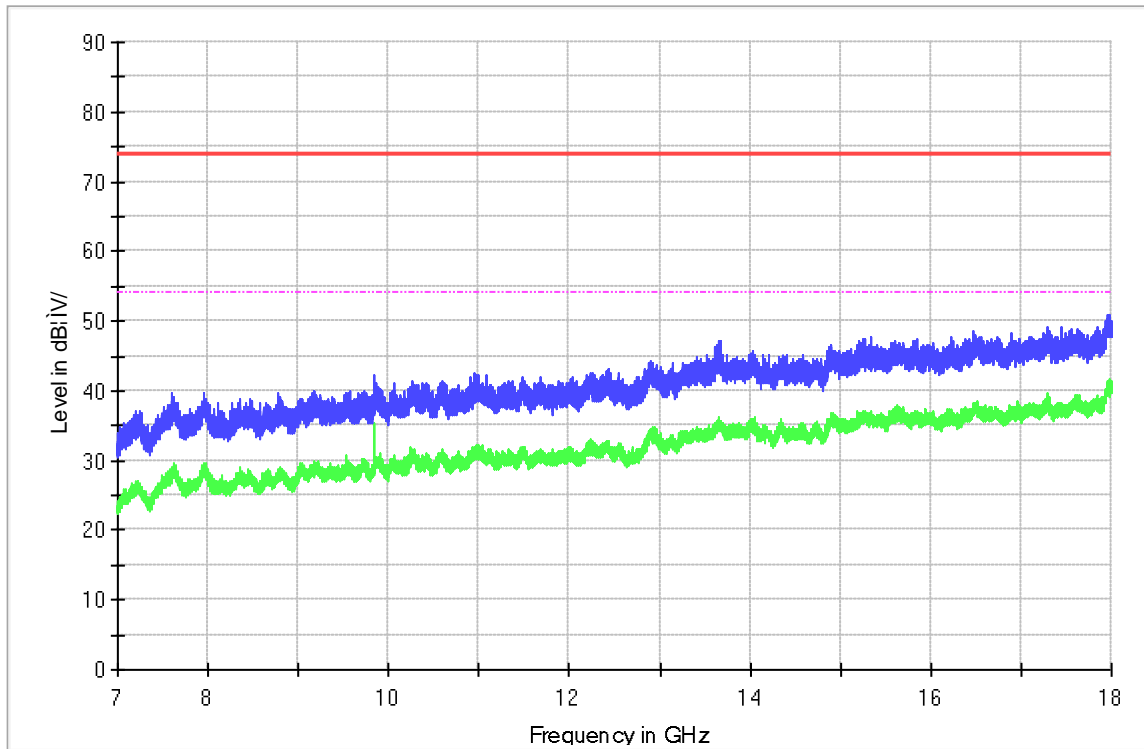


Figure 92: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H

RE_18-40GHz_9170_FSV40_Pre

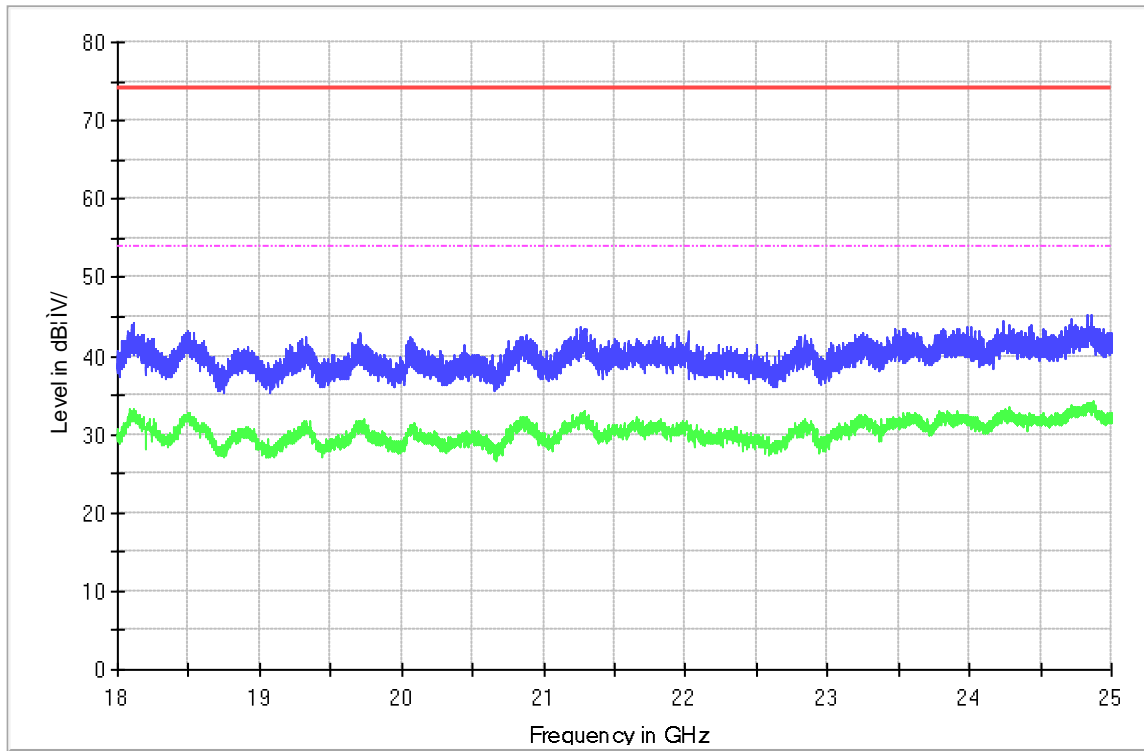
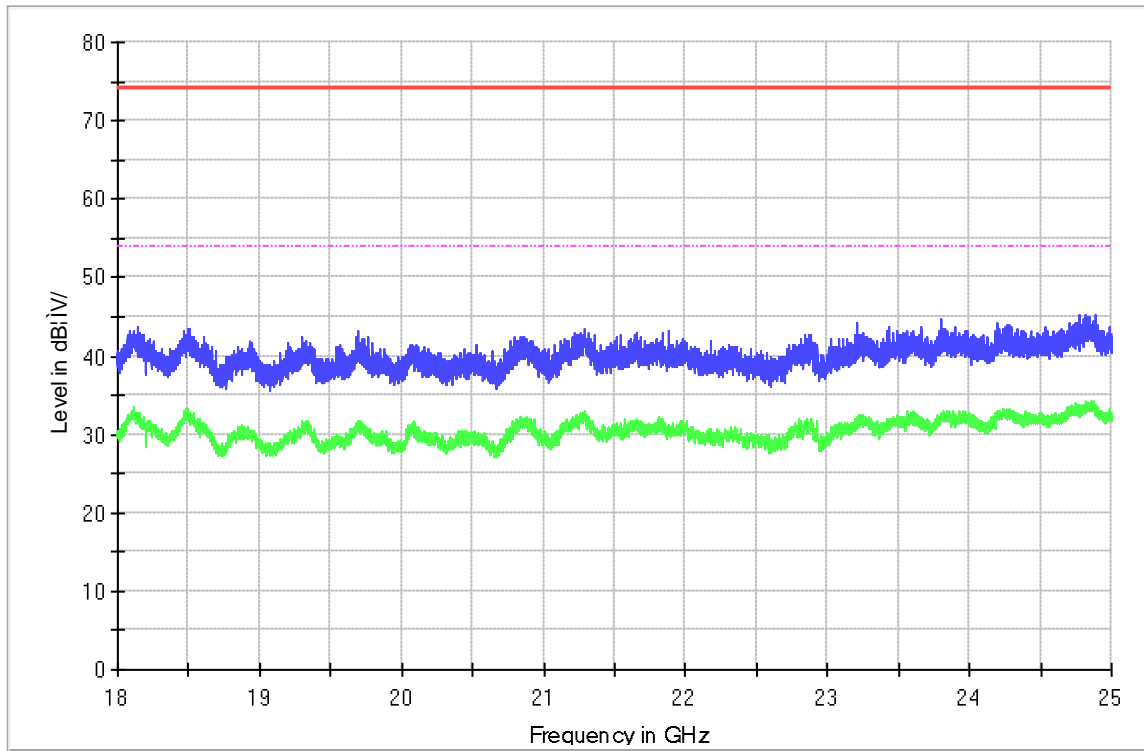


Figure 93: Radiated Spurious Emission, TM9, 18GHz to 25GHz, V

RE_18-40GHz_9170_FSV40_Pre



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