

Figure 64: Radiated Spurious Emission, TM5, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

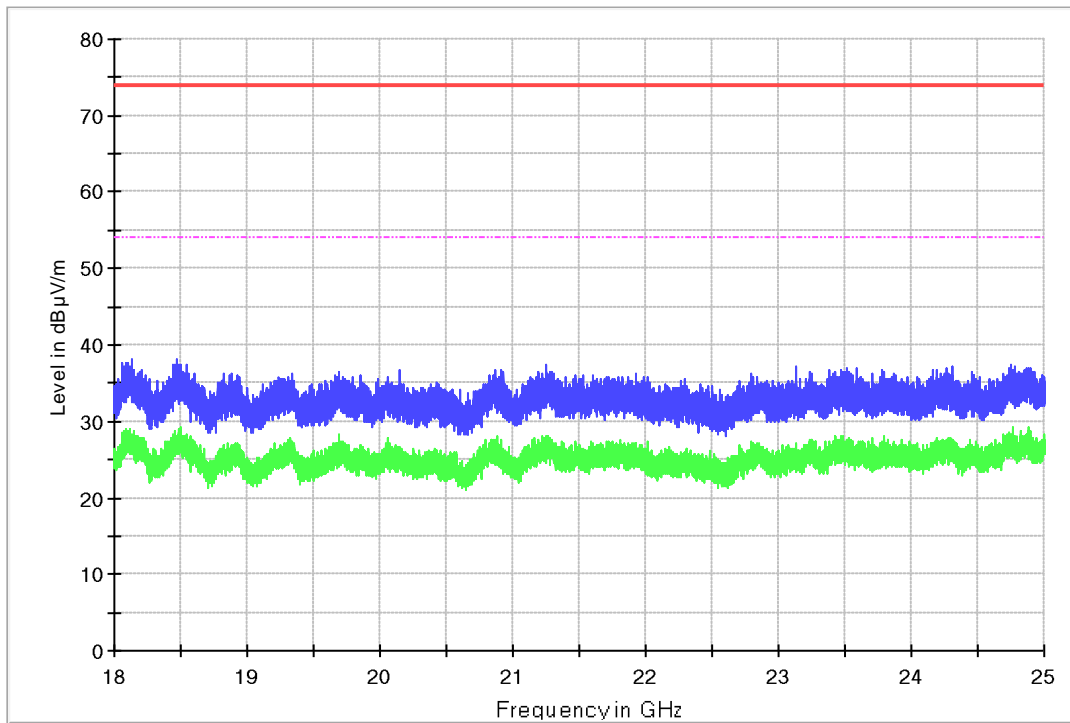
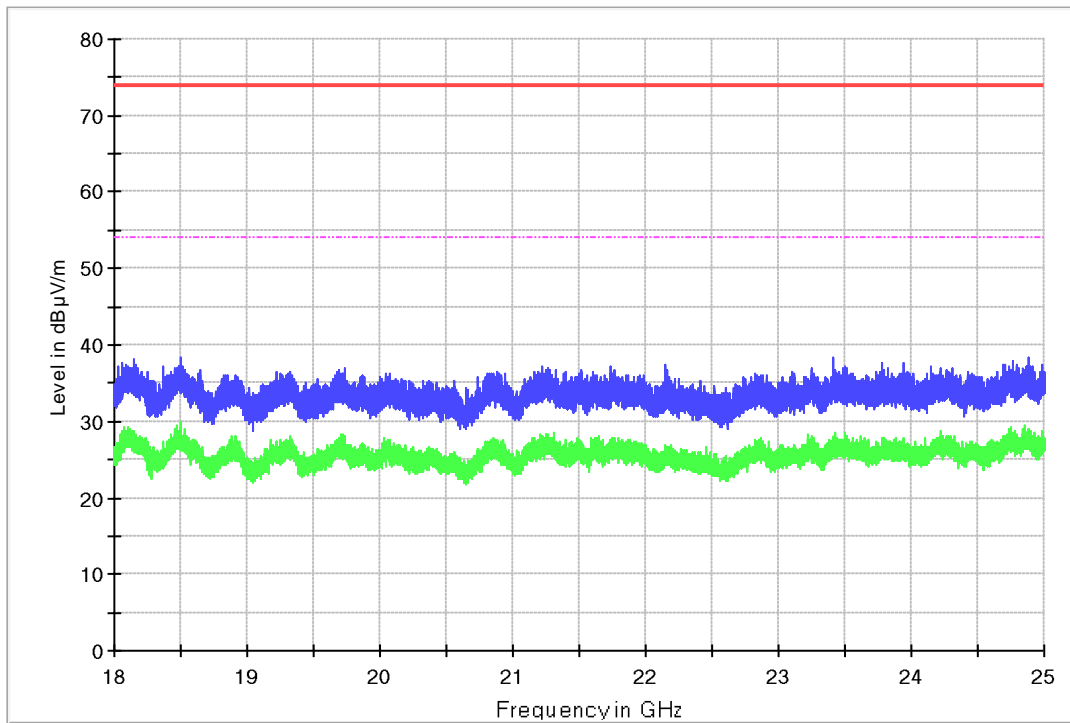


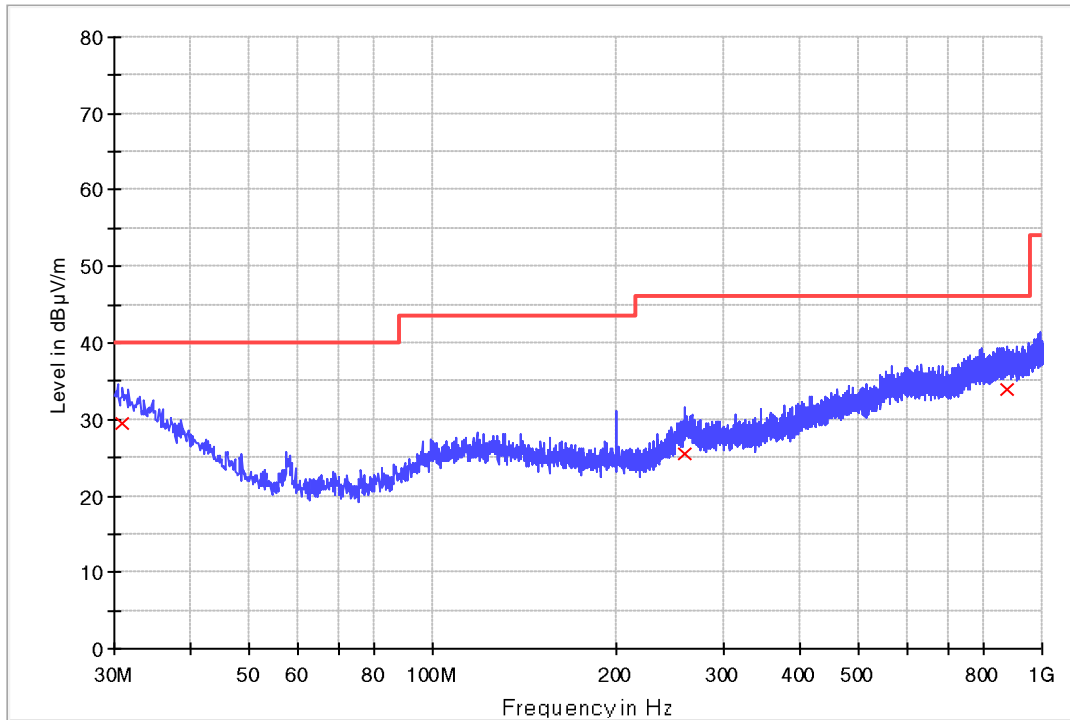
Figure 65: Radiated Spurious Emission, TM5, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 66: Radiated Spurious Emission, TM6, 30MHz to 1GHz, H**

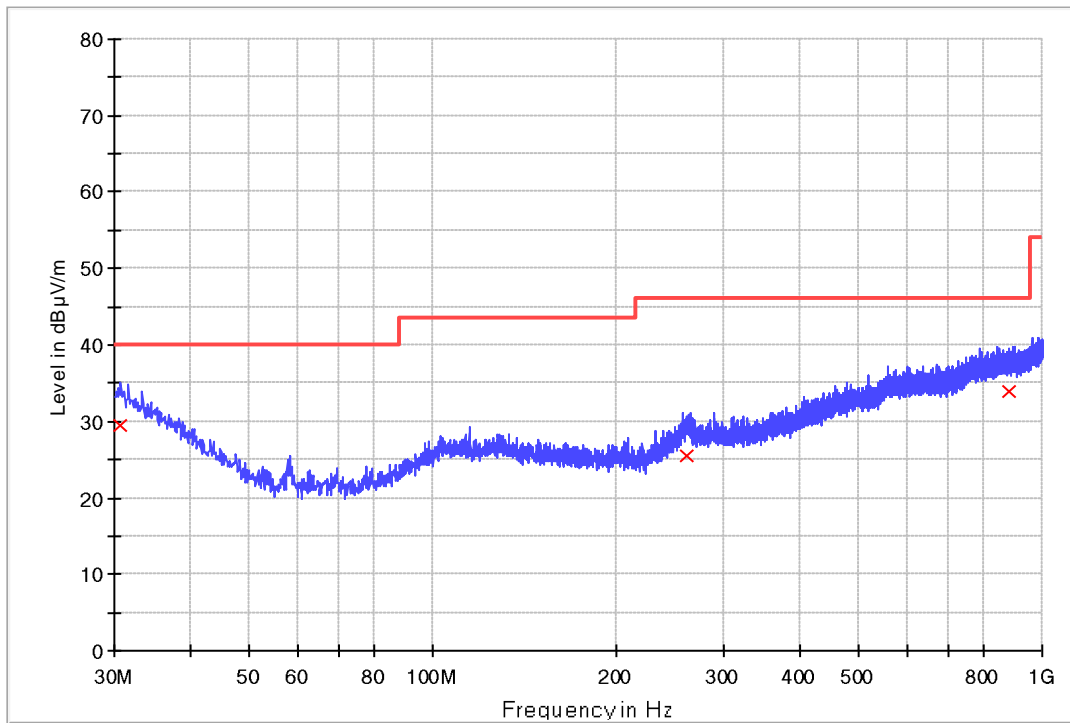
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.970000	29.4	H	24.9	10.6	40.0
258.192500	25.4	H	20.4	20.6	46.0
877.658750	34.0	H	28.0	12.0	46.0

**Figure 67: Radiated Spurious Emission, TM6, 30MHz to 1GHz, V**

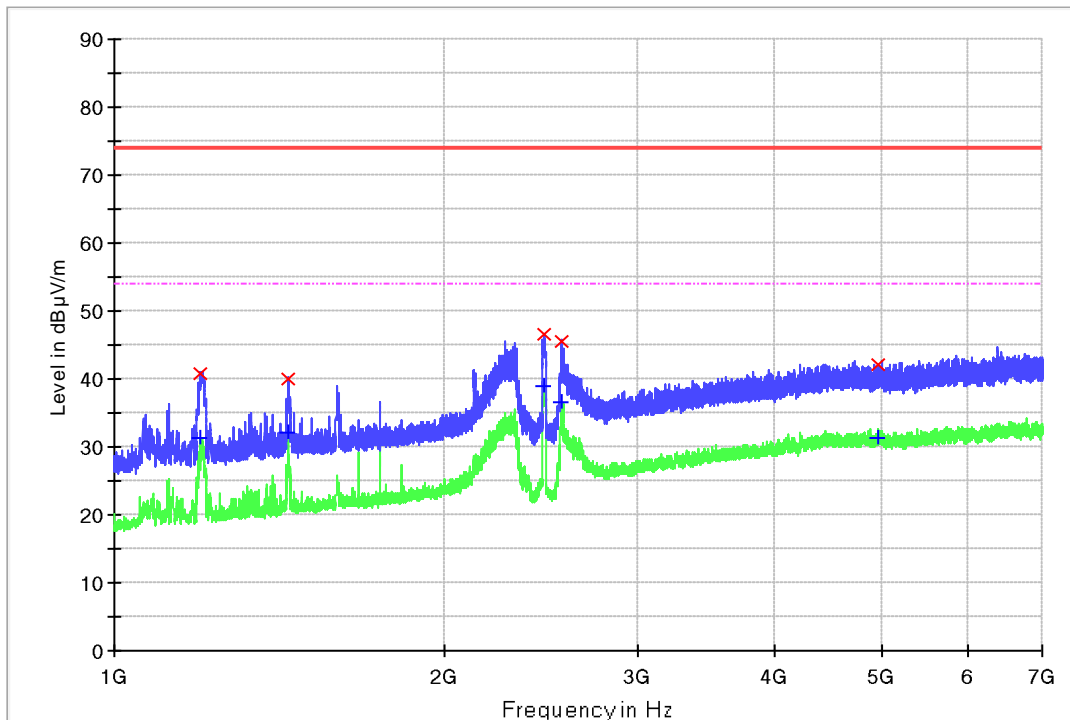
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.6	V	25.0	10.4	40.0
260.981250	25.5	V	20.7	20.5	46.0
882.993750	34.0	V	28.0	12.0	46.0

**Figure 68: Radiated Spurious Emission, TM6, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin pk**

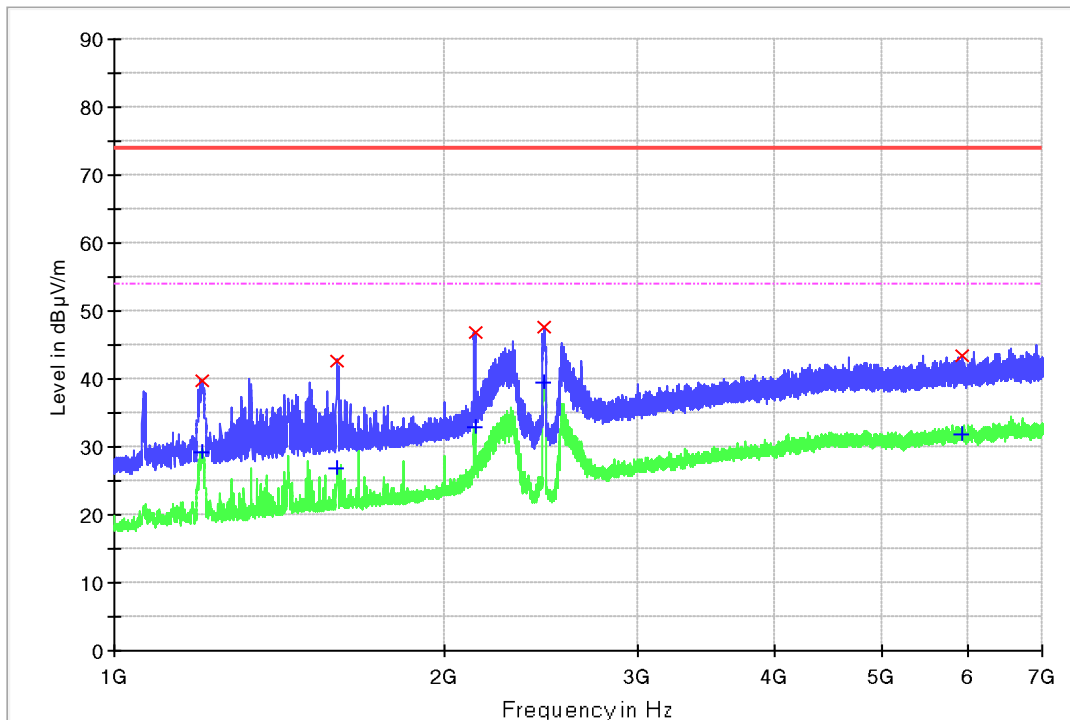
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1199.687500	40.9	H	-21.2	33.1	74.0
1439.500000	39.9	H	-19.4	34.1	74.0
2463.250000	46.6	H	-14.3	27.4	74.0
2555.687500	45.6	H	-13.9	28.4	74.0
4957.937500	42.2	H	-6.6	31.8	74.0

**Limit and Margin av**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1199.687500	31.2	H	-21.2	22.8	54.0
1439.500000	32.0	H	-19.4	22.0	54.0
2463.250000	38.9	H	-14.3	15.1	54.0
2555.687500	36.5	H	-13.9	17.6	54.0
4957.937500	31.4	H	-6.6	22.6	54.0

**Figure 69: 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)
1202.312500	39.8	V	-21.2	34.2	74.0
1593.437500	42.7	V	-18.4	31.3	74.0
2131.000000	46.9	V	-15.7	27.1	74.0
2463.625000	47.7	V	-14.3	26.3	74.0
5921.875000	43.4	V	-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)
1202.312500	29.1	V	-21.2	24.9	54.0
1593.437500	26.8	V	-18.4	27.2	54.0
2131.000000	33.0	V	-15.7	21.0	54.0
2463.625000	39.6	V	-14.3	14.4	54.0
5921.875000	31.8	V	-5.7	22.2	54.0

Figure 70: Radiated Spurious Emission, TM6, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

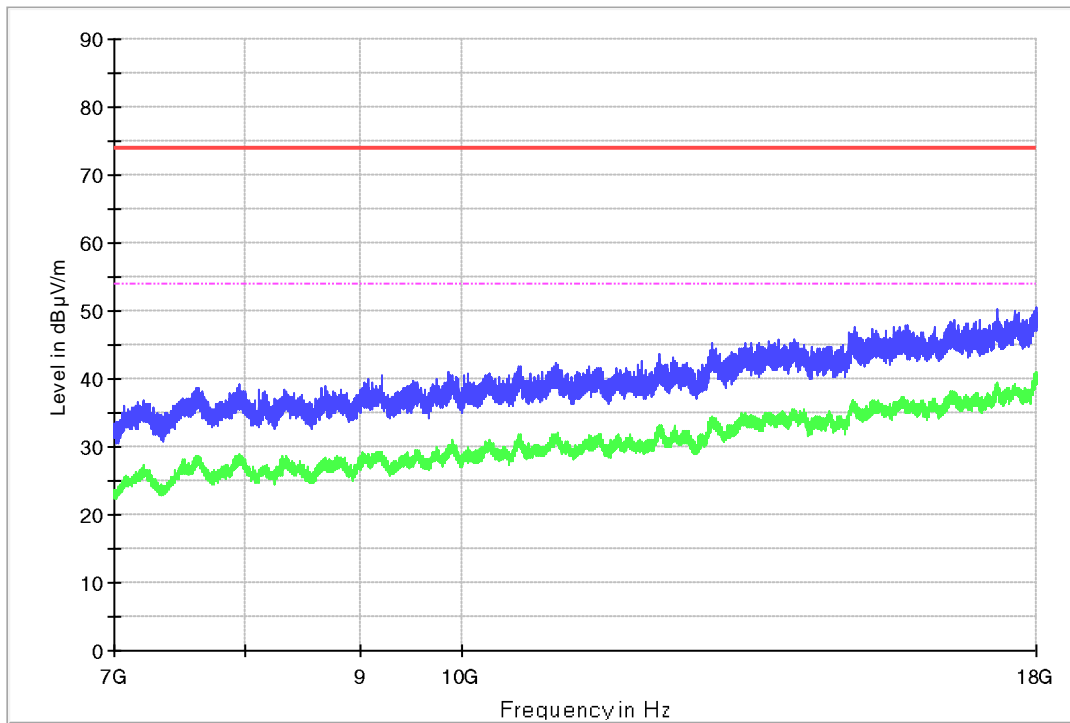


Figure 71: Radiated Spurious Emission, TM6, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

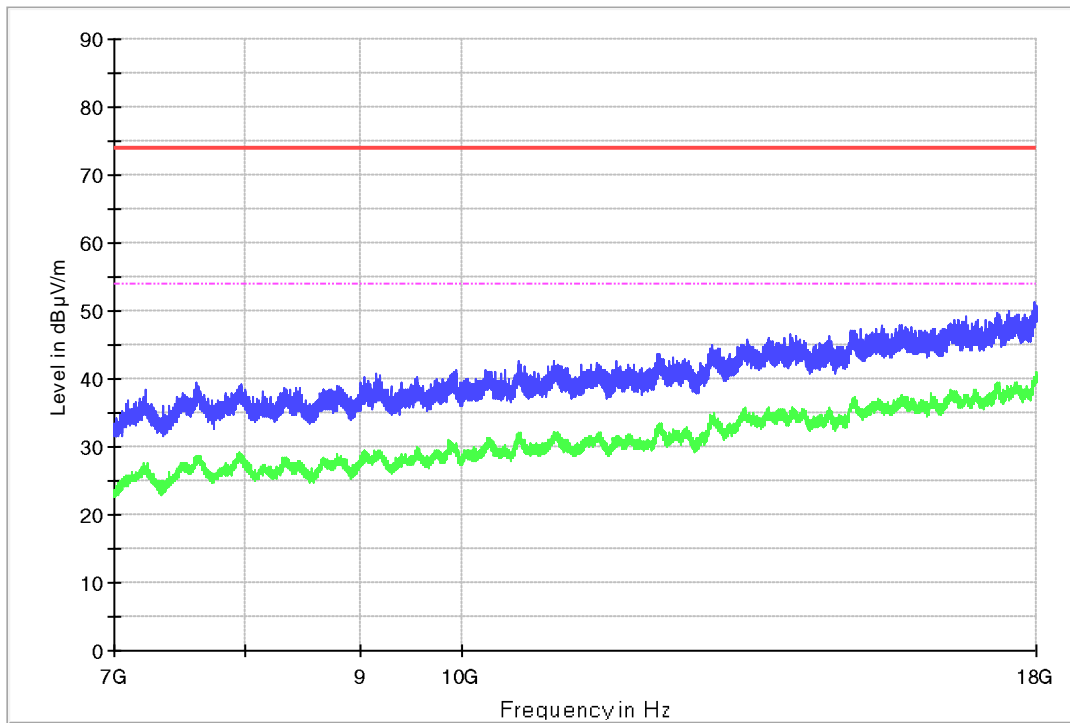




Figure 72: Radiated Spurious Emission, TM6, 18GHz to 25GHz, H

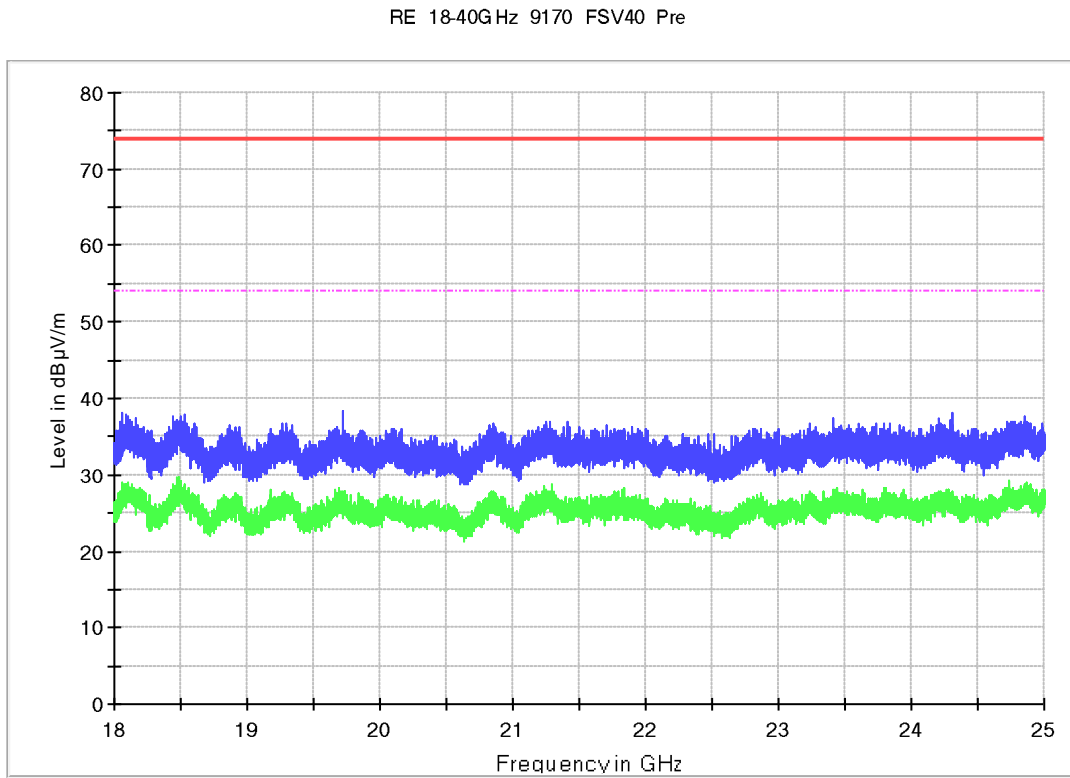
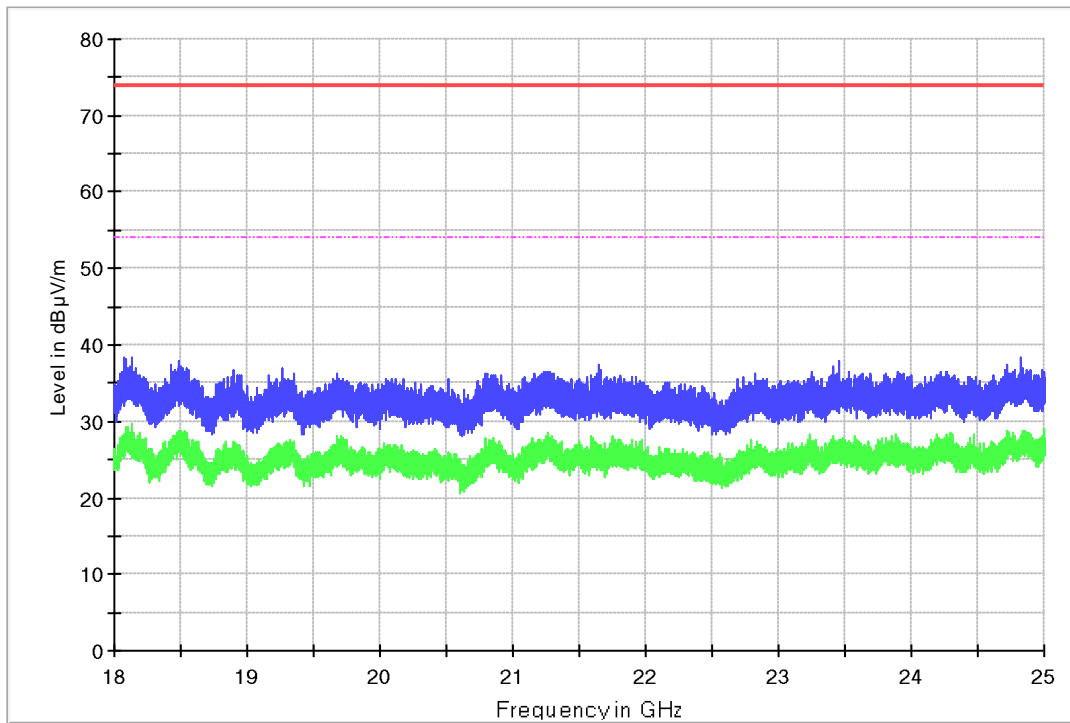


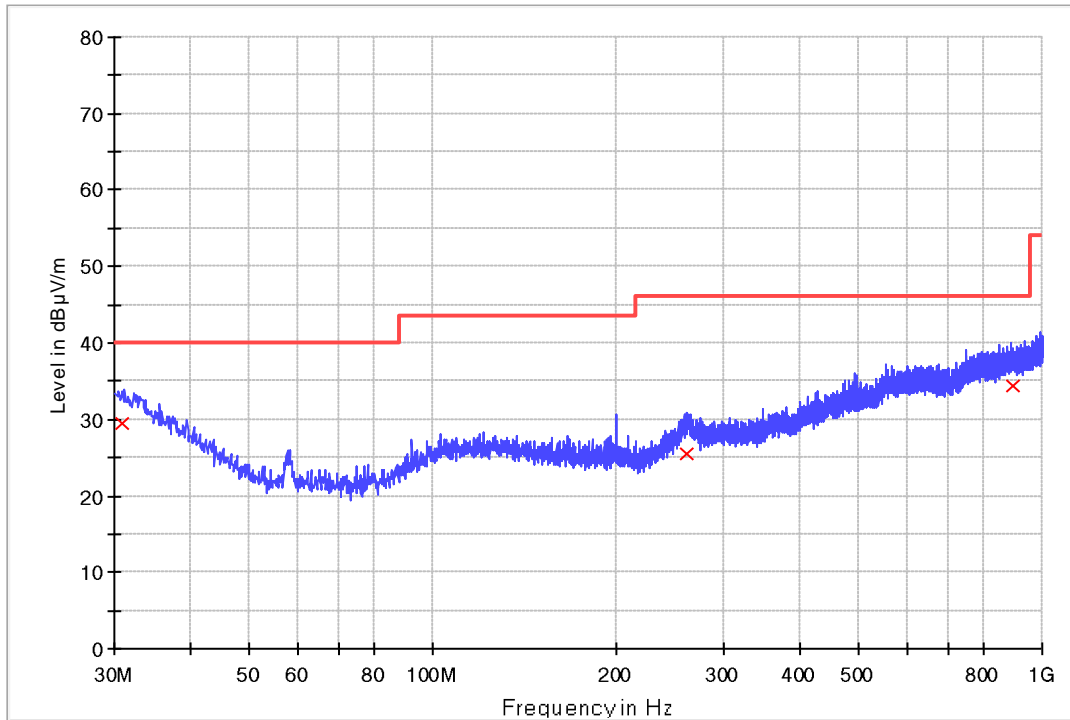
Figure 73: Radiated Spurious Emission, TM6, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 74: Radiated Spurious Emission, TM7, 30MHz to 1GHz, H**

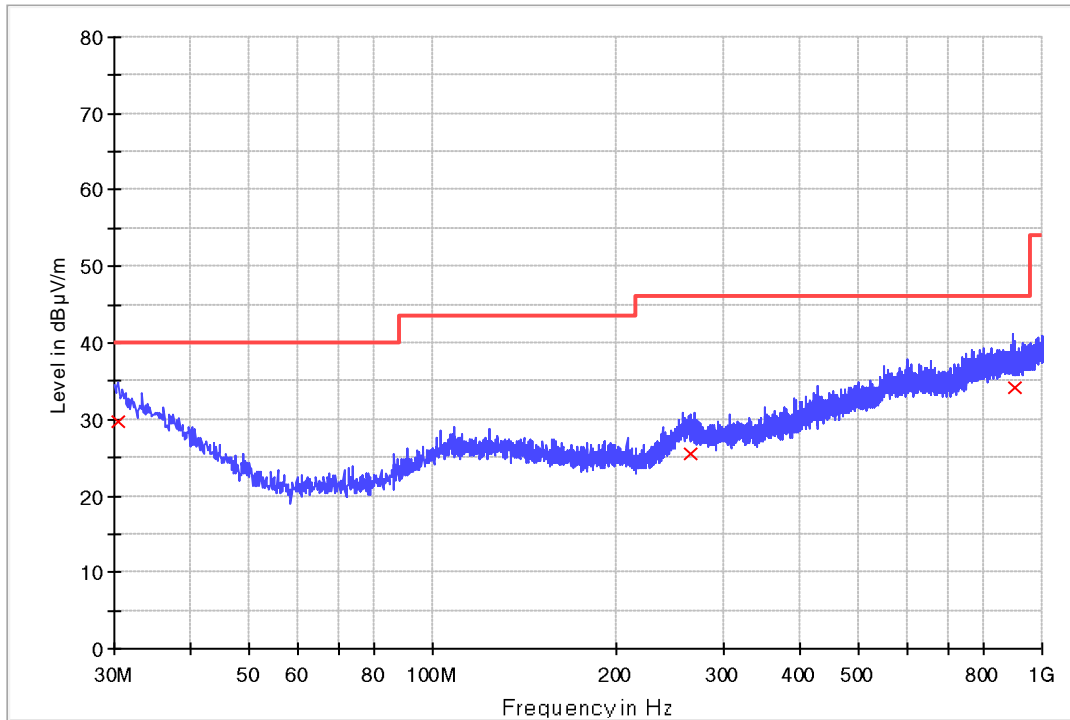
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.970000	29.4	H	24.9	10.6	40.0
261.345000	25.5	H	20.7	20.5	46.0
894.512500	34.3	H	28.4	11.7	46.0

**Figure 75: Radiated Spurious Emission, TM7, 30MHz to 1GHz, V**

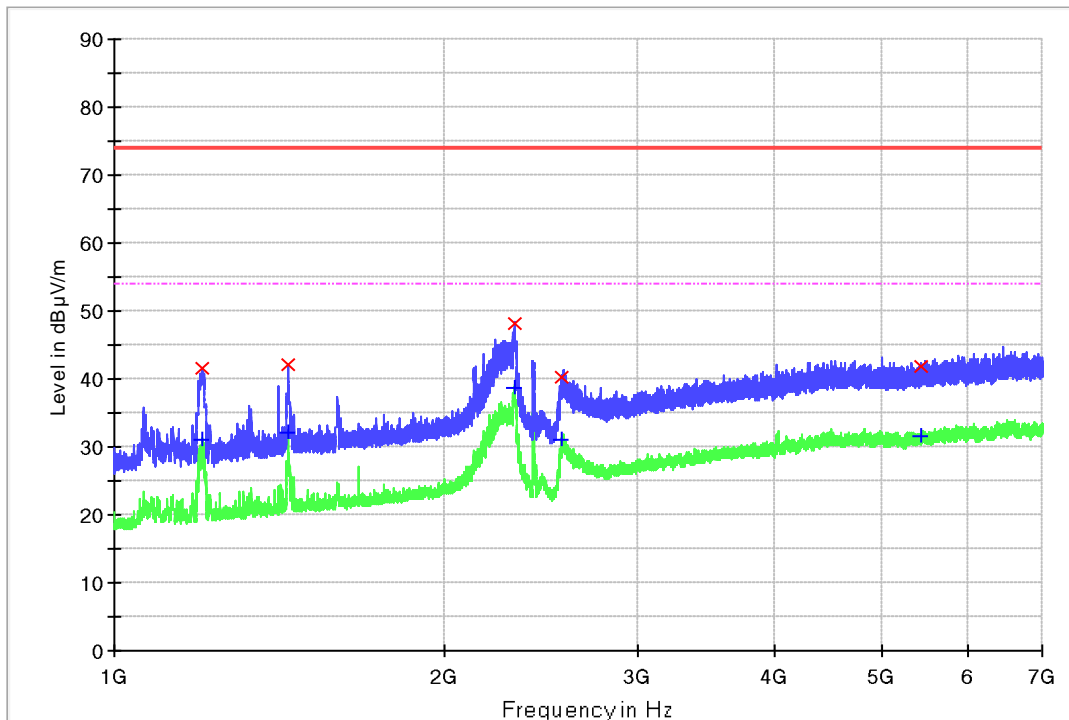
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.485000	29.7	V	25.2	10.3	40.0
265.103750	25.4	V	20.7	20.6	46.0
900.332500	34.1	V	28.2	11.9	46.0

**Figure 76: Radiated Spurious Emission, TM7, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

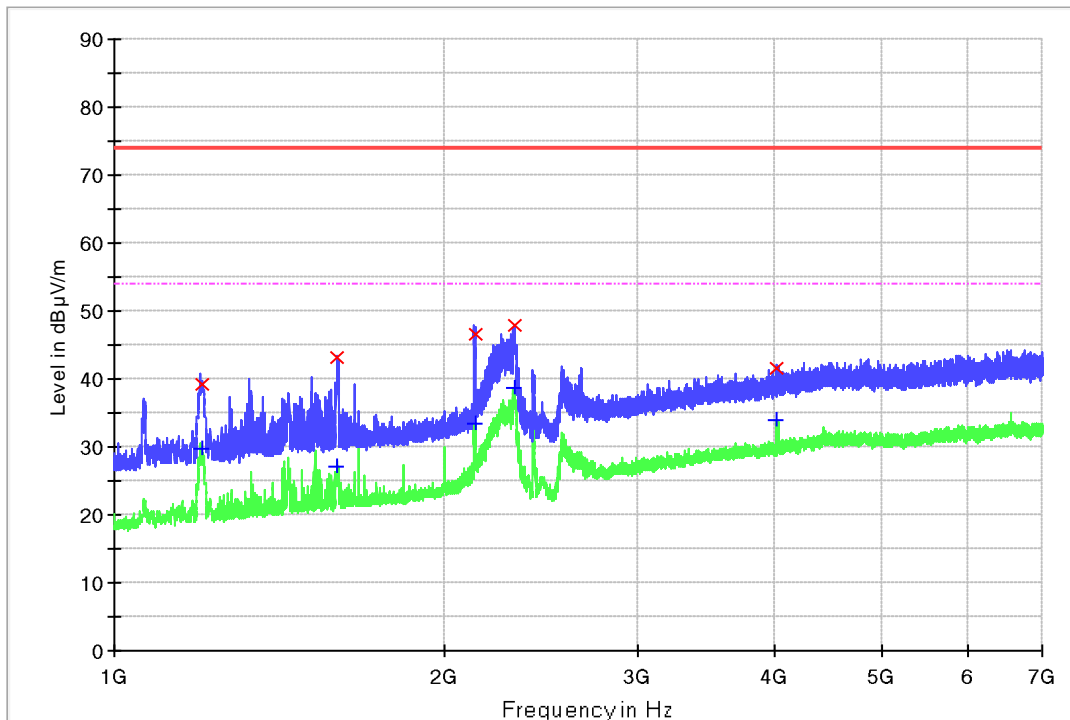
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1202.875000	41.6	H	-21.2	32.4	74.0
1439.875000	42.1	H	-19.4	31.9	74.0
2311.562500	48.2	H	-15.0	25.8	74.0
2552.875000	40.2	H	-13.9	33.8	74.0
5436.250000	41.9	H	-5.8	32.1	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1202.875000	31.1	H	-21.2	22.9	54.0
1439.875000	32.0	H	-19.4	22.0	54.0
2311.562500	38.8	H	-15.0	15.2	54.0
2552.875000	31.0	H	-13.9	23.0	54.0
5436.250000	31.6	H	-5.8	22.4	54.0

**Figure 77: Radiated Spurious Emission, TM7, 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)
1203.437500	39.2	V	-21.2	34.8	74.0
1594.937500	43.2	V	-18.4	30.8	74.0
2131.375000	46.7	V	-15.7	27.3	74.0
2312.500000	47.9	V	-14.9	26.1	74.0
4015.187500	41.5	V	-8.3	32.5	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1203.437500	29.8	V	-21.2	24.2	54.0
1594.937500	27.0	V	-18.4	27.0	54.0
2131.375000	33.4	V	-15.7	20.6	54.0
2312.500000	38.7	V	-14.9	15.3	54.0
4015.187500	33.9	V	-8.3	20.1	54.0

Figure 78: Radiated Spurious Emission, TM7, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

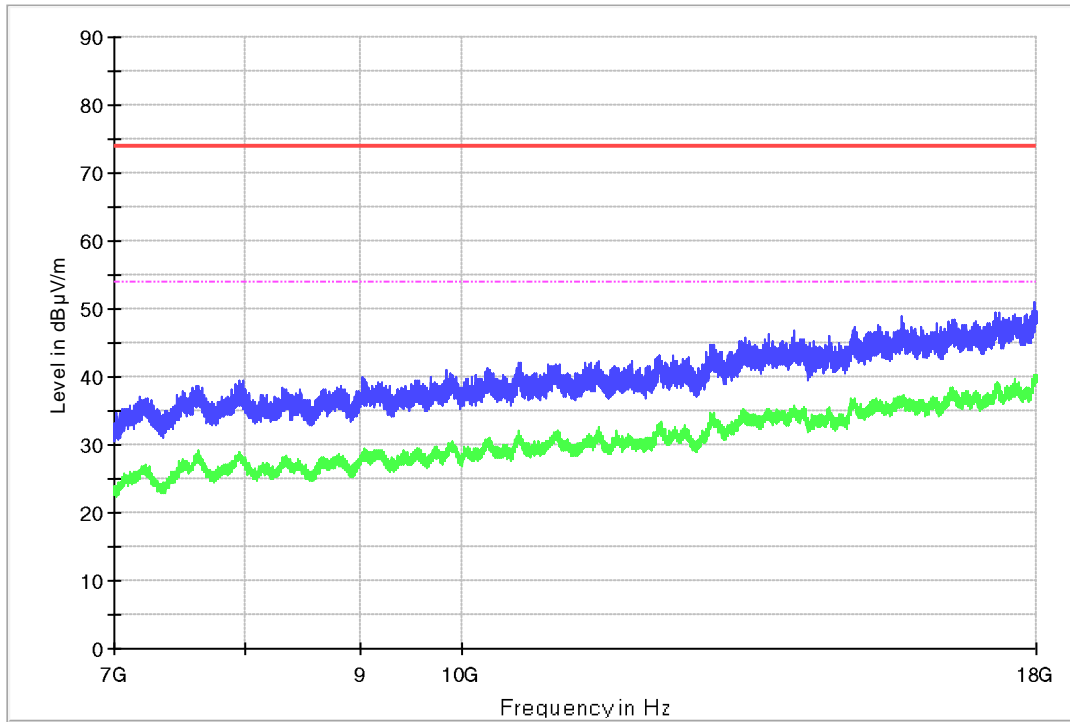


Figure 79: Radiated Spurious Emission, TM7, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

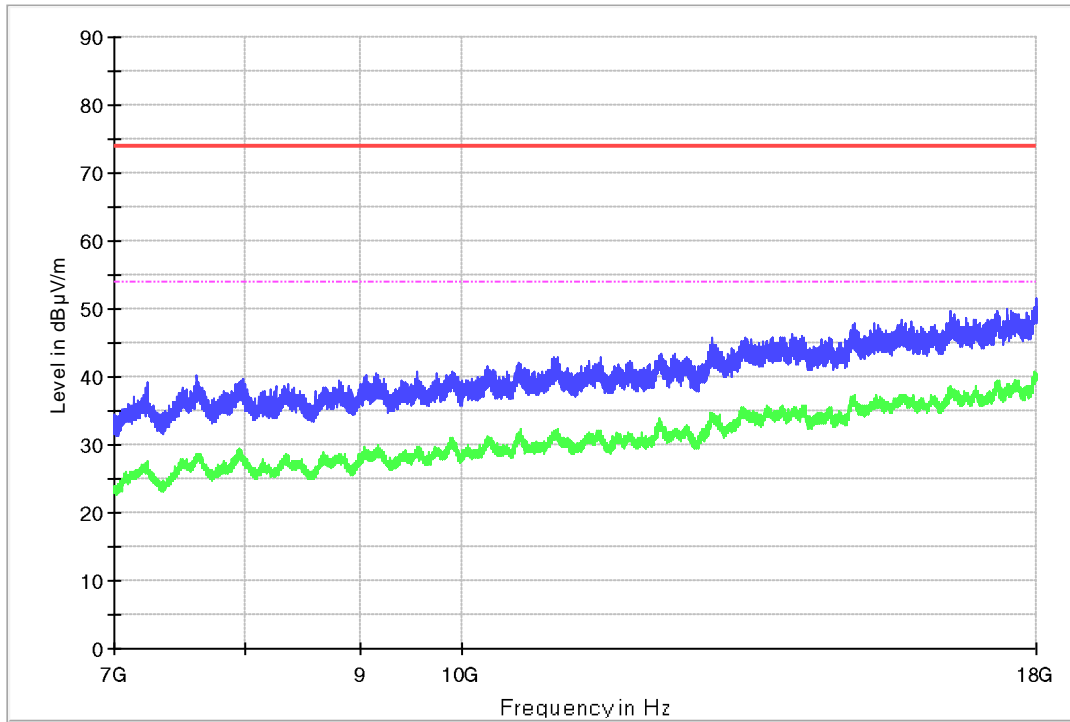




Figure 80: Radiated Spurious Emission, TM7, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

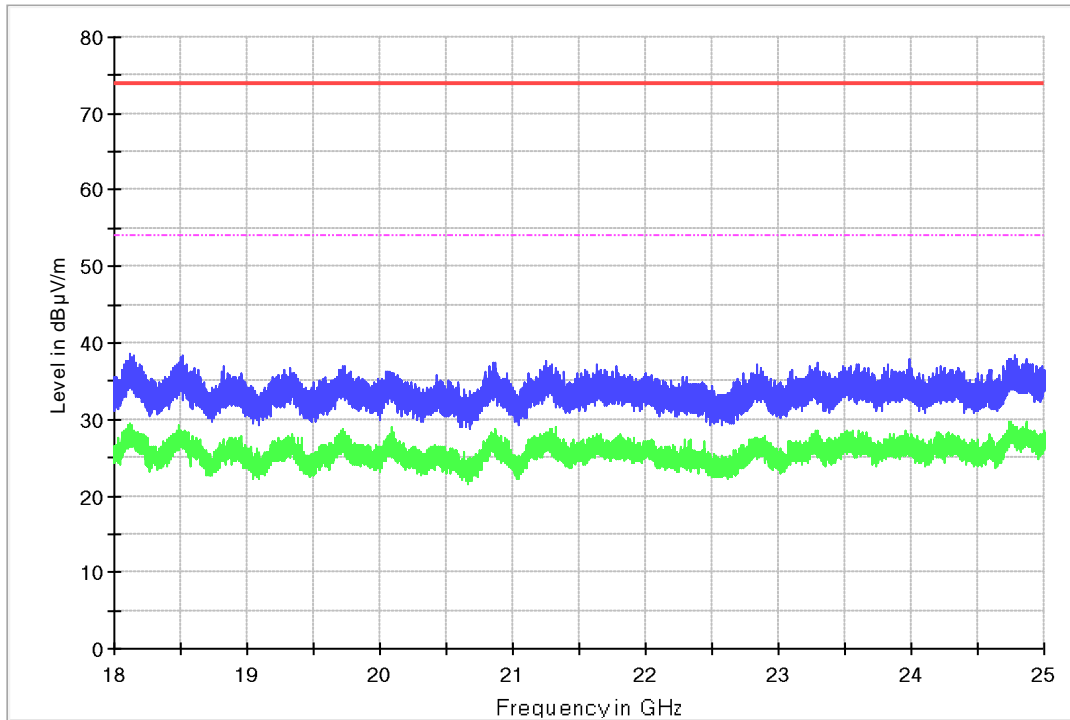
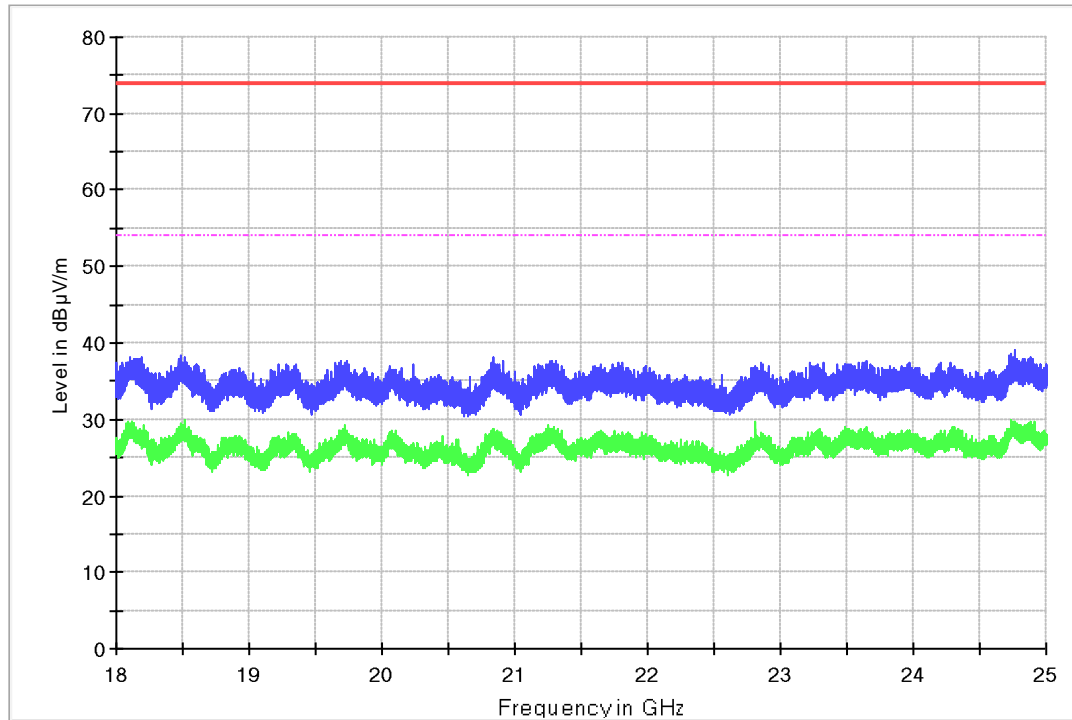


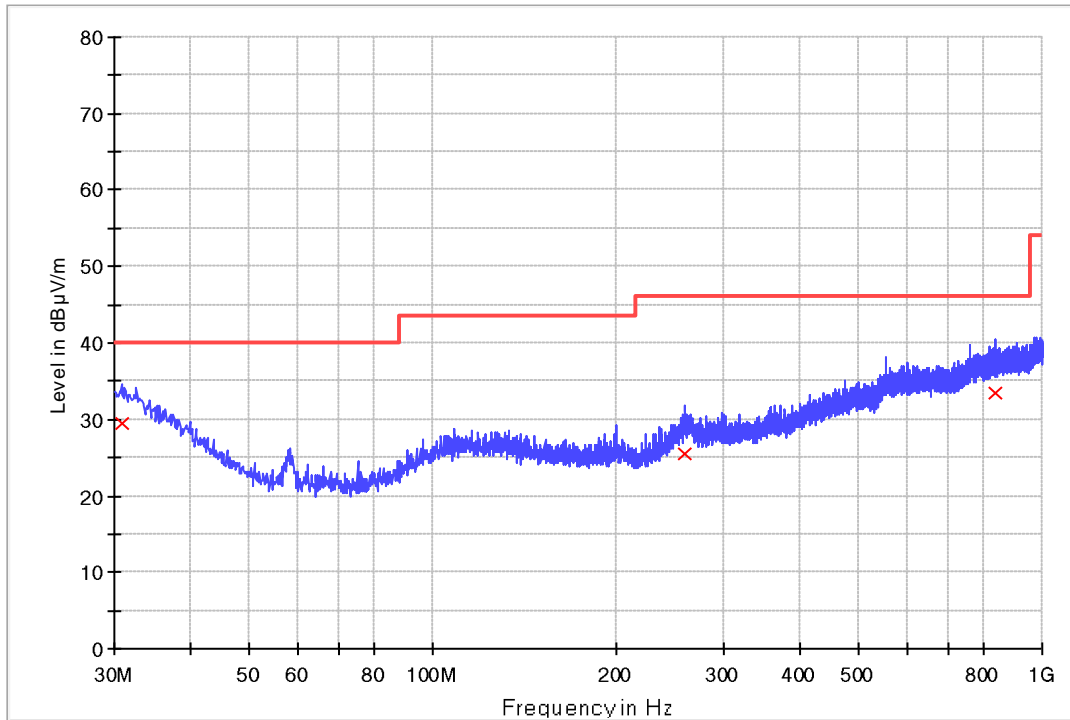
Figure 81: Radiated Spurious Emission, TM7, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 82: Radiated Spurious Emission, TM8, 30MHz to 1GHz, H**

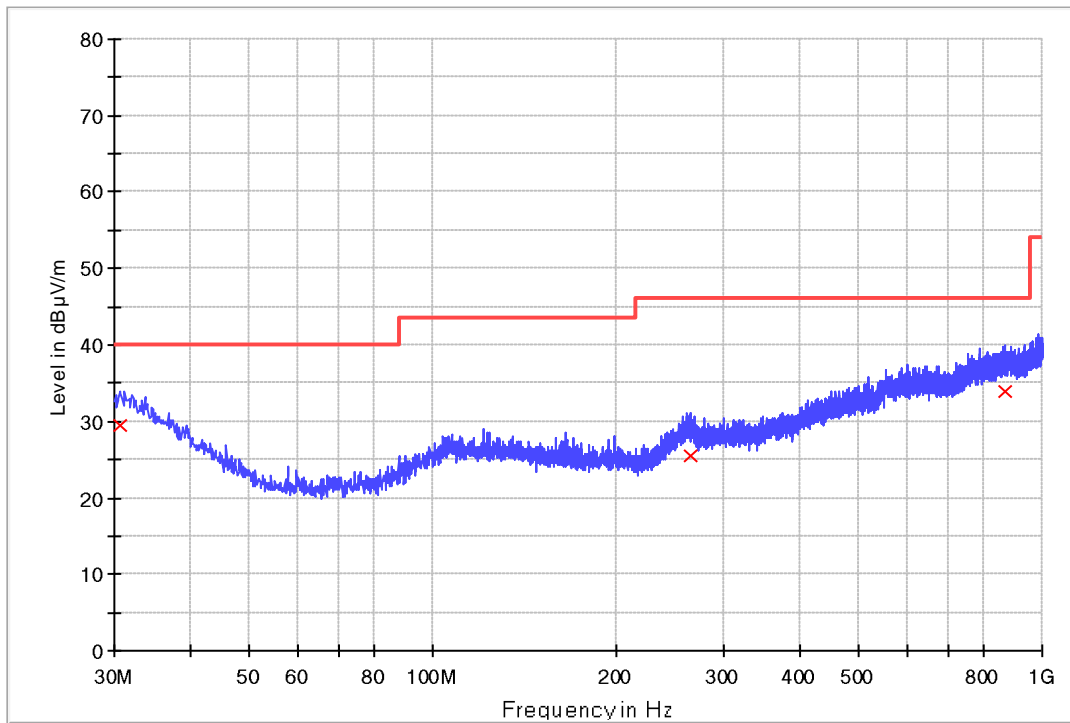
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	29.5	H	25.0	10.5	40.0
259.768750	25.5	H	20.7	20.5	46.0
840.071250	33.5	H	27.6	12.5	46.0

**Figure 83: Radiated Spurious Emission, TM8, 30MHz to 1GHz, V**

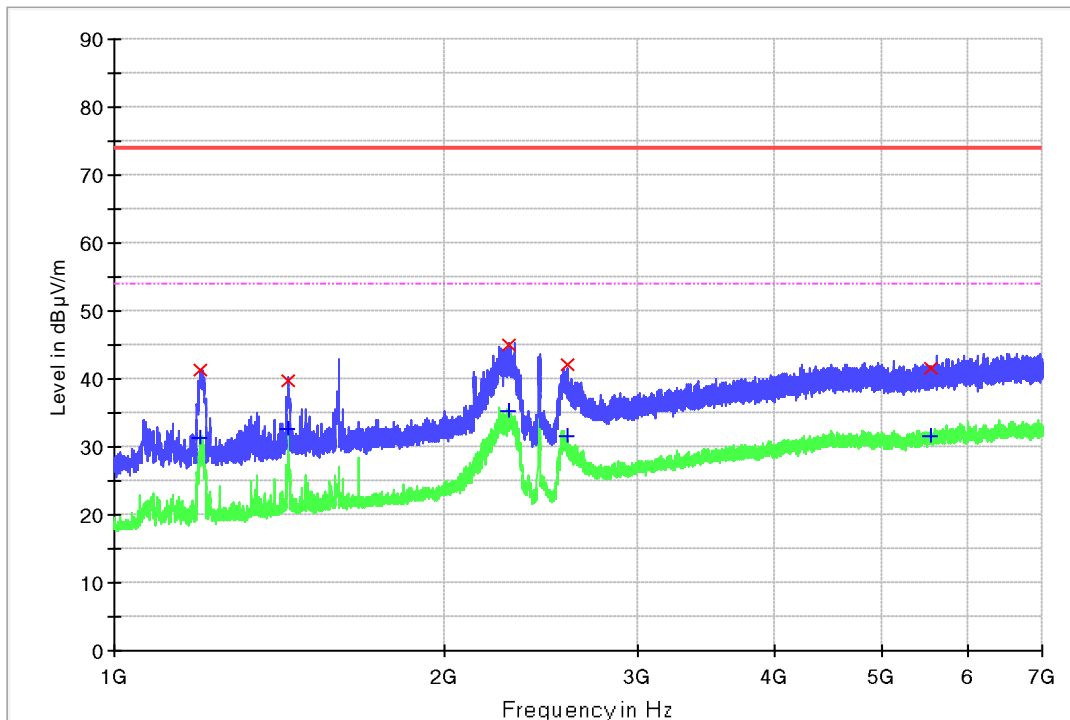
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.5	V	25.0	10.5	40.0
264.982500	25.4	V	20.7	20.6	46.0
866.018750	33.9	V	27.9	12.1	46.0

**Figure 84: Radiated Spurious Emission, TM8, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

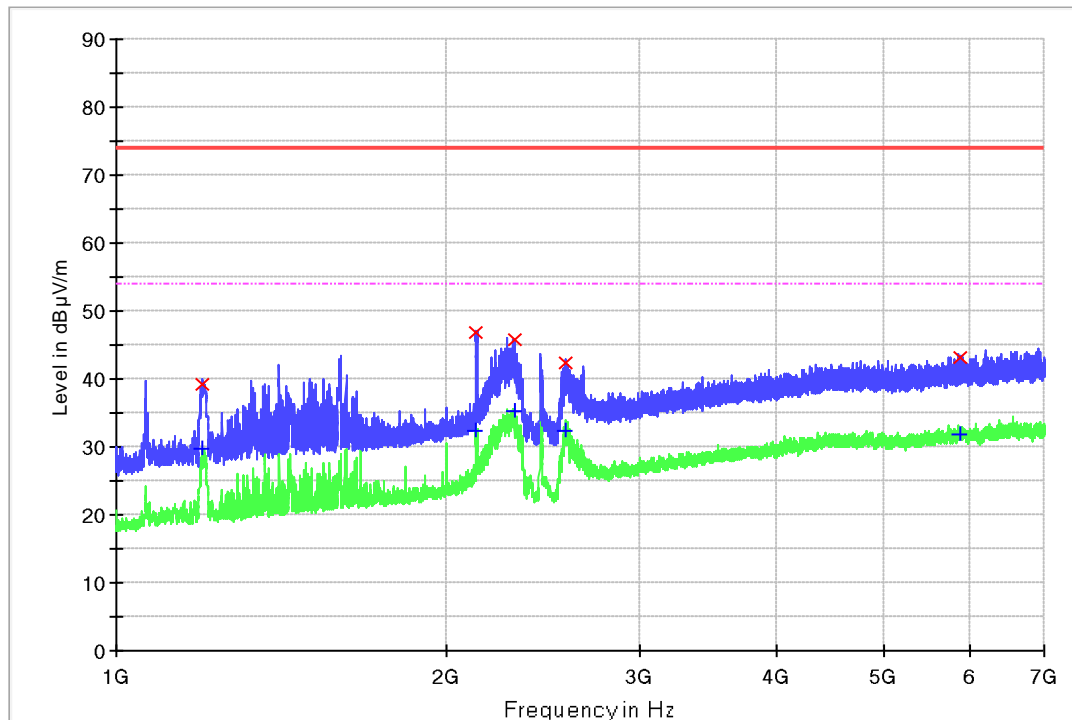
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1198.750000	41.2	H	-21.2	32.8	74.0
1440.250000	39.8	H	-19.4	34.2	74.0
2284.937500	45.1	H	-15.0	28.9	74.0
2582.687500	42.1	H	-13.7	31.9	74.0
5544.062500	41.5	H	-5.7	32.5	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1198.750000	31.4	H	-21.2	22.6	54.0
1440.250000	32.7	H	-19.4	21.3	54.0
2284.937500	35.3	H	-15.0	18.7	54.0
2582.687500	31.6	H	-13.7	22.4	54.0
5544.062500	31.6	H	-5.7	22.4	54.0

**Figure 85: Radiated Spurious Emission, TM8, 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)
1199.500000	39.3	V	-21.2	34.7	74.0
2128.375000	46.8	V	-15.7	27.2	74.0
2303.125000	45.8	V	-15.0	28.2	74.0
2561.312500	42.5	V	-13.8	31.5	74.0
5860.937500	43.1	V	-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)
1199.500000	29.8	V	-21.2	24.2	54.0
2128.375000	32.5	V	-15.7	21.5	54.0
2303.125000	35.2	V	-15.0	18.8	54.0
2561.312500	32.5	V	-13.8	21.5	54.0
5860.937500	31.9	V	-5.7	22.1	54.0

Figure 86: Radiated Spurious Emission, TM8, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

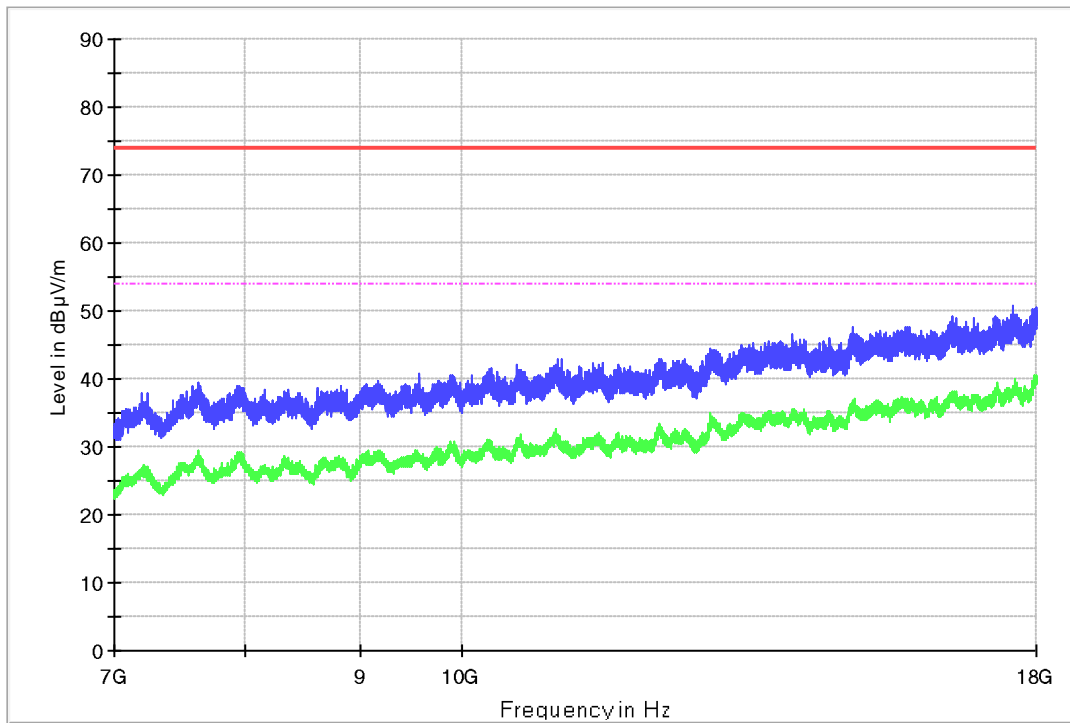


Figure 87: Radiated Spurious Emission, TM8, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

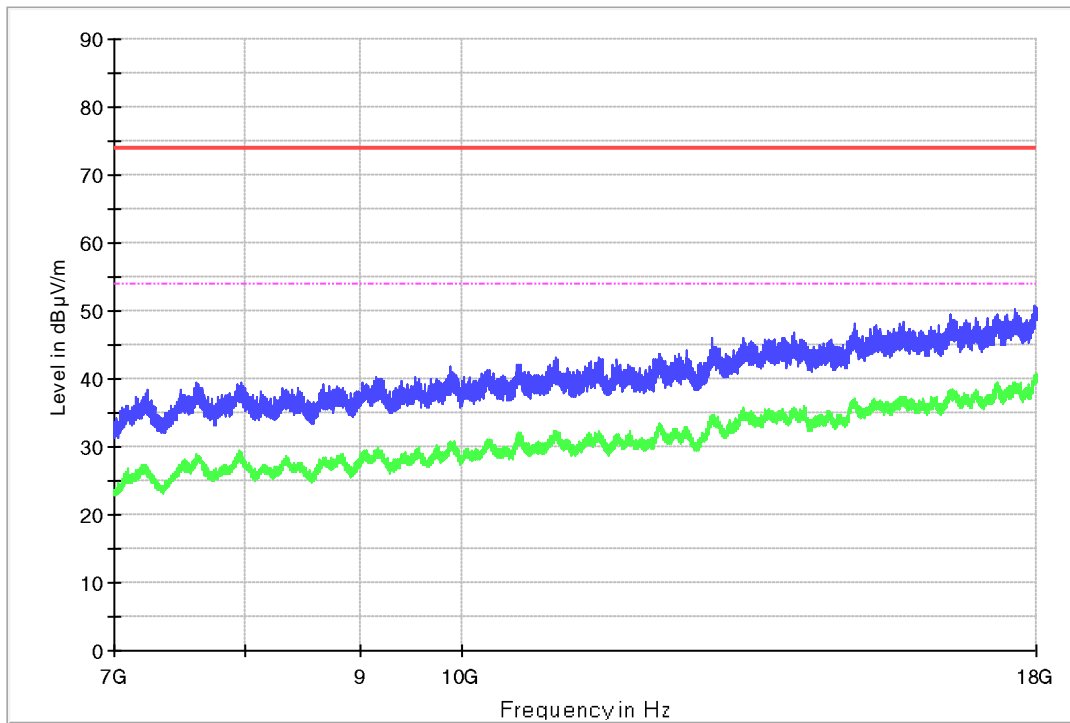




Figure 88: Radiated Spurious Emission, TM8, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

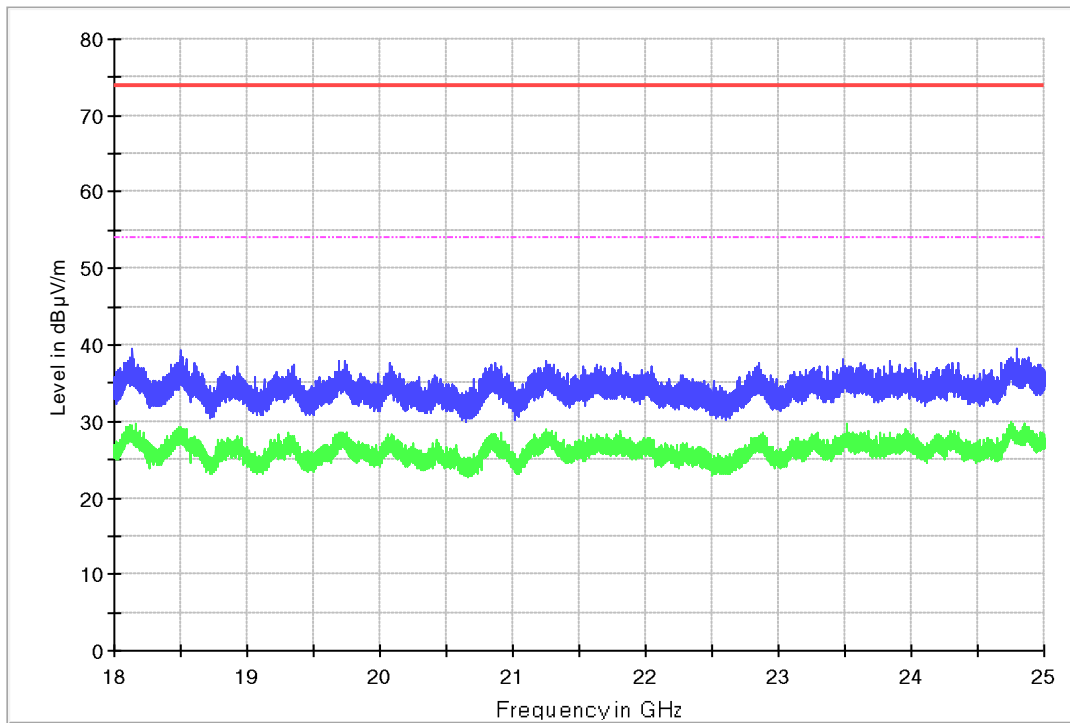
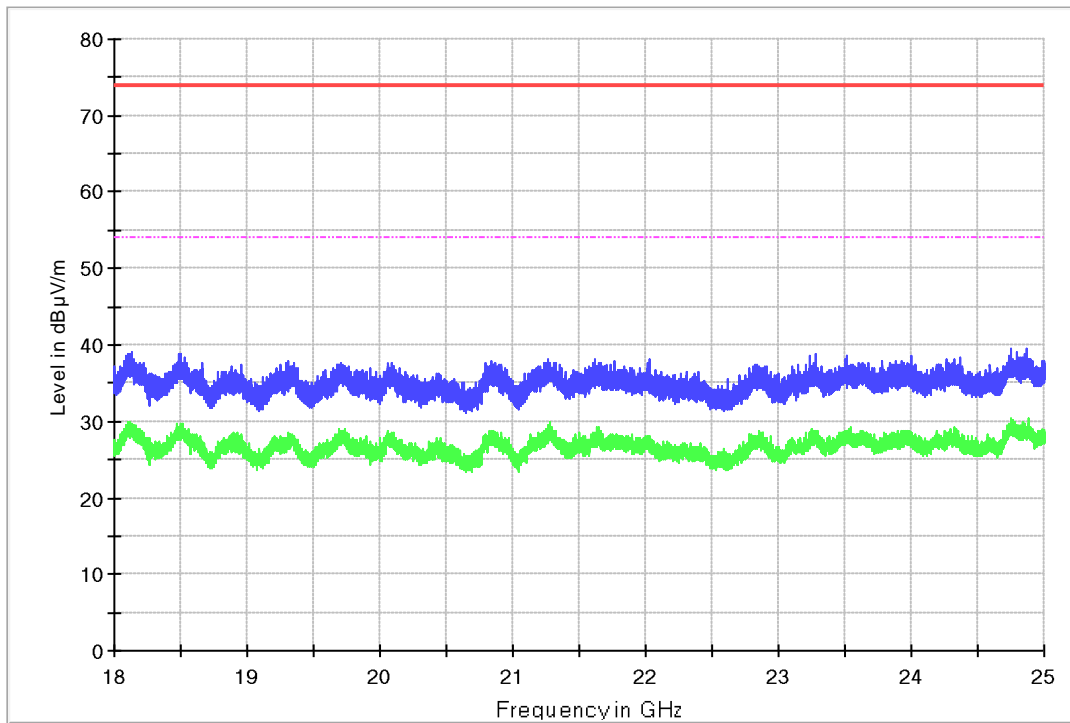


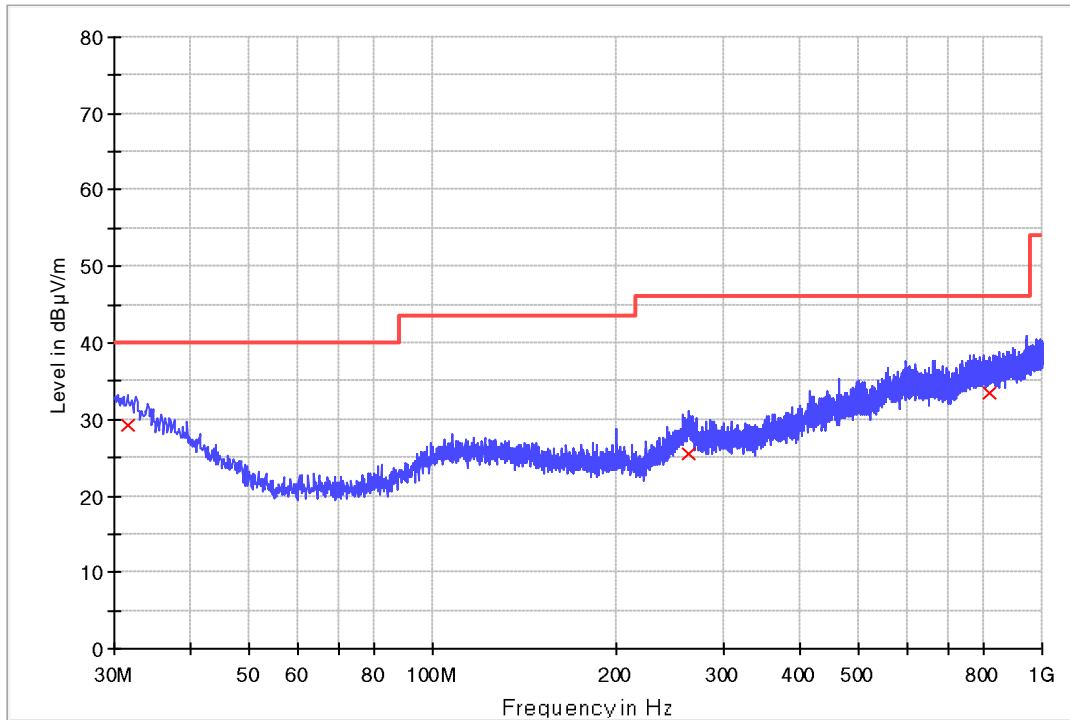
Figure 89: Radiated Spurious Emission, TM8, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 90: Radiated Spurious Emission, TM9, 30MHz to 1GHz, H**

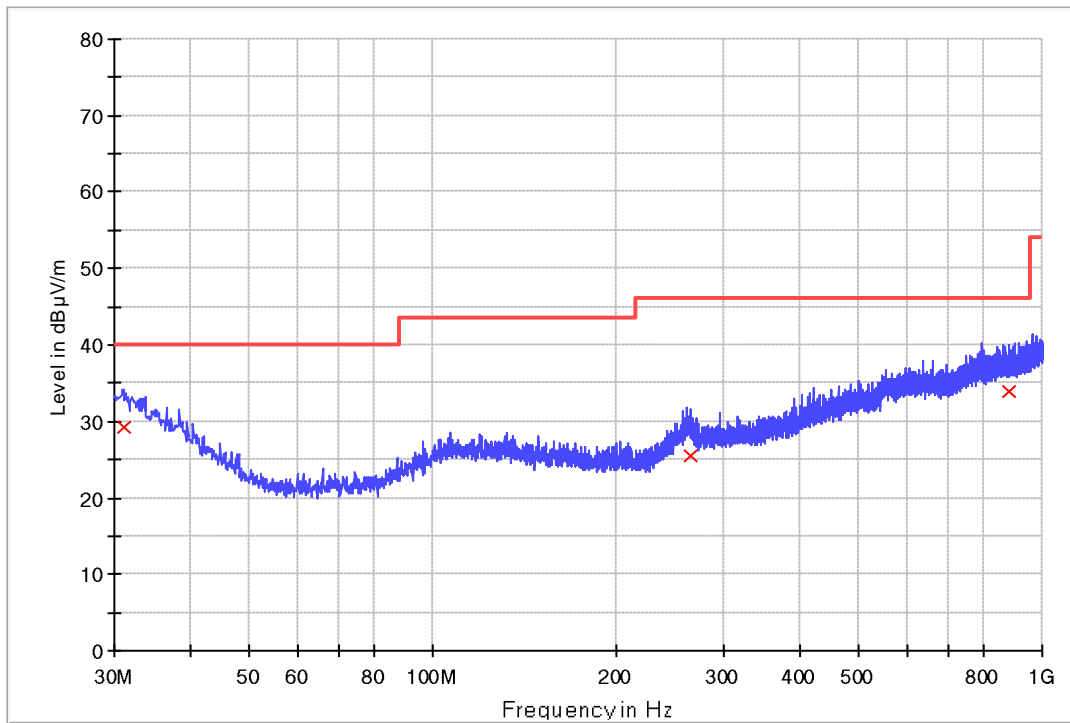
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.576250	29.2	H	24.7	10.8	40.0
262.557500	25.5	H	20.7	20.5	46.0
821.156250	33.4	H	27.5	12.6	46.0

**Figure 91: Radiated Spurious Emission, TM9, 30MHz to 1GHz, V**

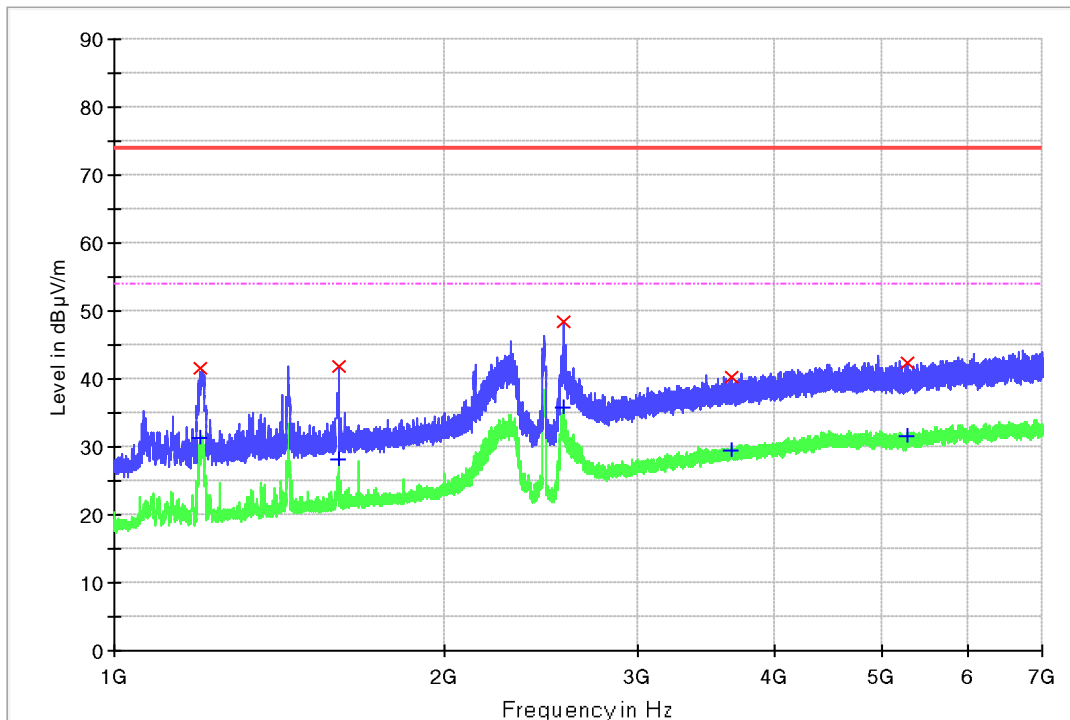
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.091250	29.3	V	24.9	10.7	40.0
264.982500	25.4	V	20.7	20.6	46.0
880.326250	34.0	V	28.0	12.0	46.0

**Figure 92: Radiated Spurious Emission, TM9, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

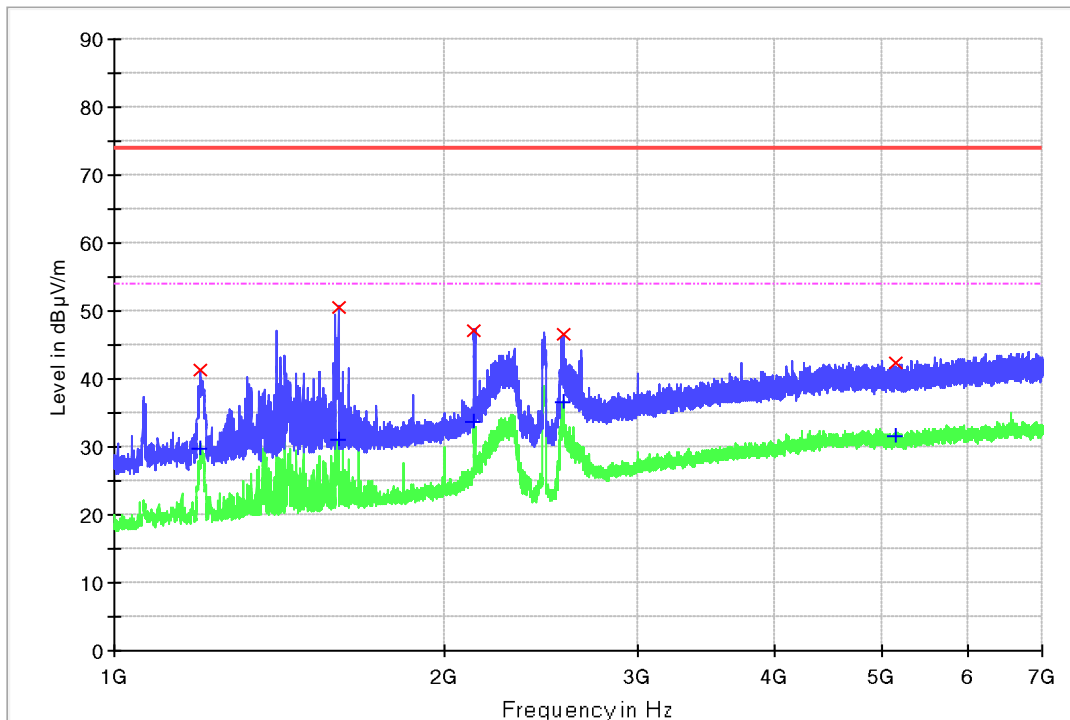
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1198.187500	41.5	H	-21.2	32.5	74.0
1599.625000	41.8	H	-18.3	32.2	74.0
2564.687500	48.4	H	-13.8	25.6	74.0
3649.562500	40.3	H	-9.1	33.7	74.0
5277.250000	42.3	H	-6.2	31.7	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1198.187500	31.4	H	-21.2	22.6	54.0
1599.625000	28.1	H	-18.3	25.9	54.0
2564.687500	35.7	H	-13.8	18.3	54.0
3649.562500	29.4	H	-9.1	24.6	54.0
5277.250000	31.6	H	-6.2	22.4	54.0

**Figure 93: Radiated Spurious Emission, TM9, 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)
1199.125000	41.2	V	-21.2	32.8	74.0
1598.687500	50.4	V	-18.3	23.6	74.0
2126.312500	47.2	V	-15.8	26.8	74.0
2562.250000	46.5	V	-13.8	27.5	74.0
5156.875000	42.4	V	-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)
1199.125000	29.7	V	-21.2	24.3	54.0
1598.687500	31.0	V	-18.3	23.0	54.0
2126.312500	33.8	V	-15.8	20.2	54.0
2562.250000	36.5	V	-13.8	17.5	54.0
5156.875000	31.5	V	-6.5	22.5	54.0

Figure 94: Radiated Spurious Emission, TM9, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

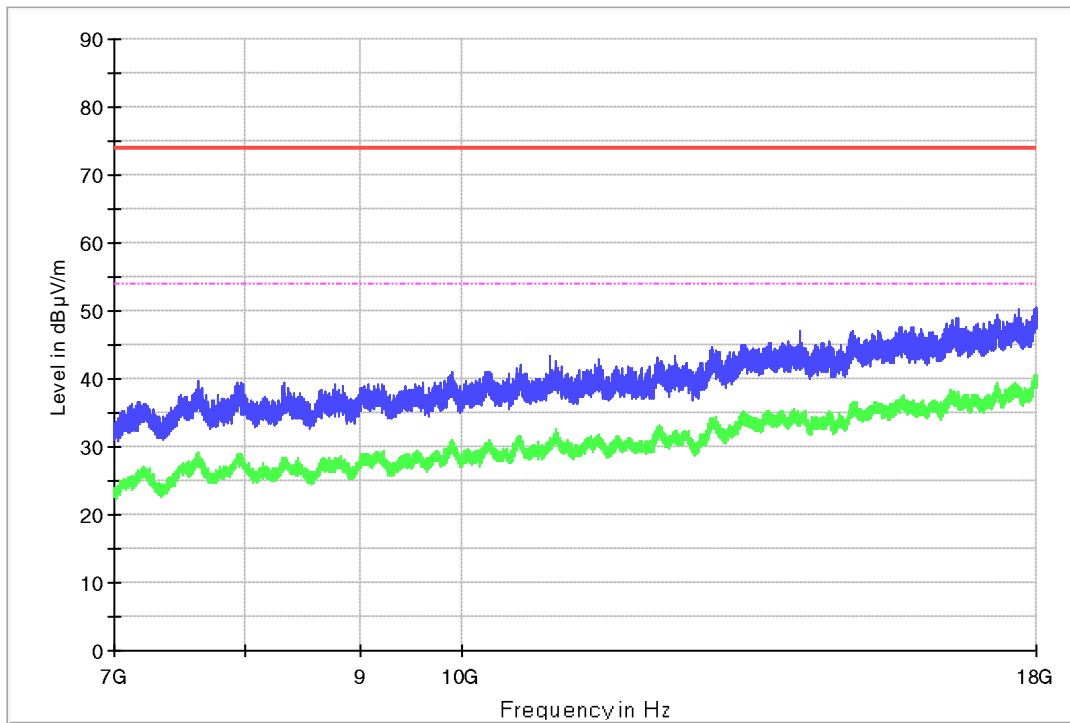


Figure 95: Radiated Spurious Emission, TM9, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

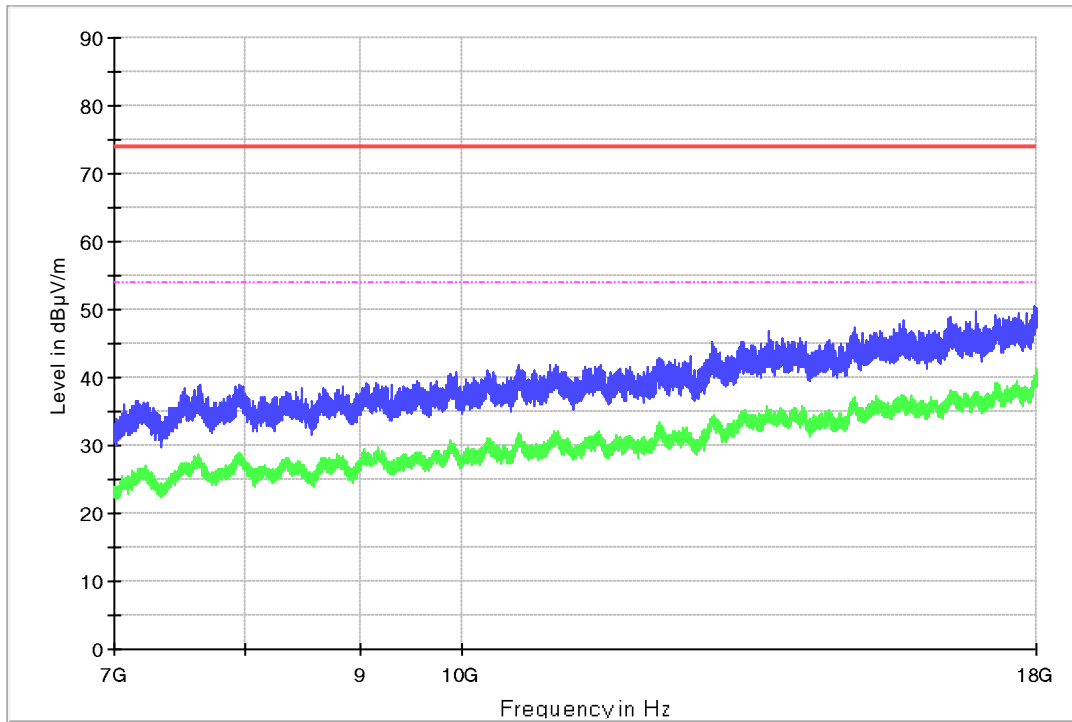
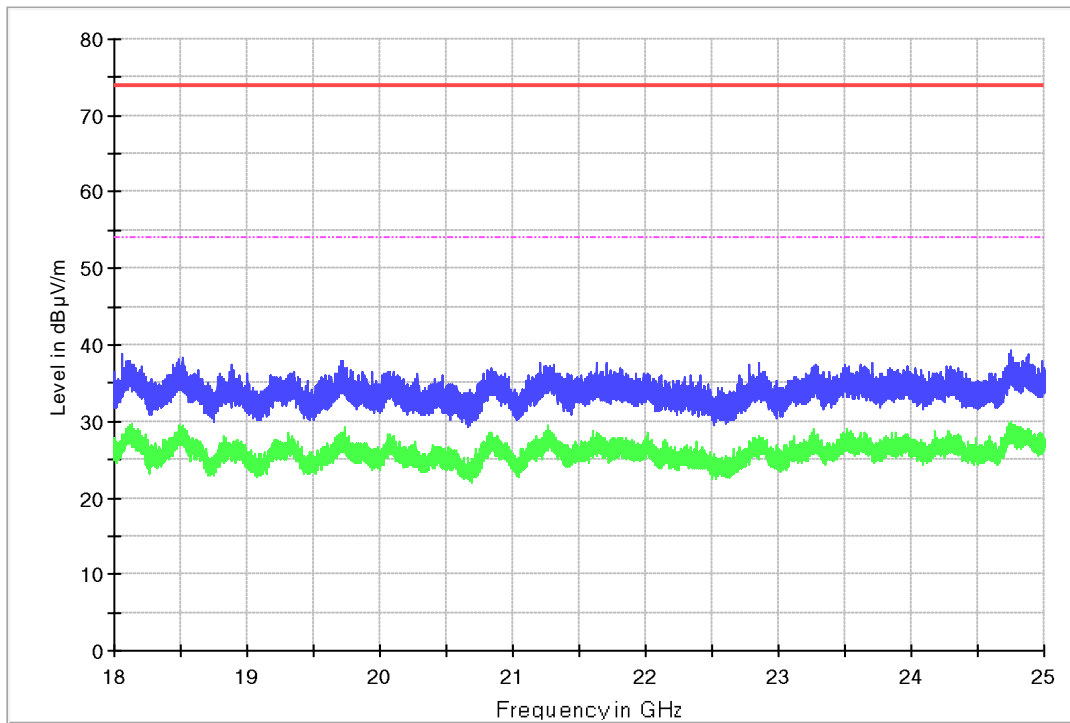




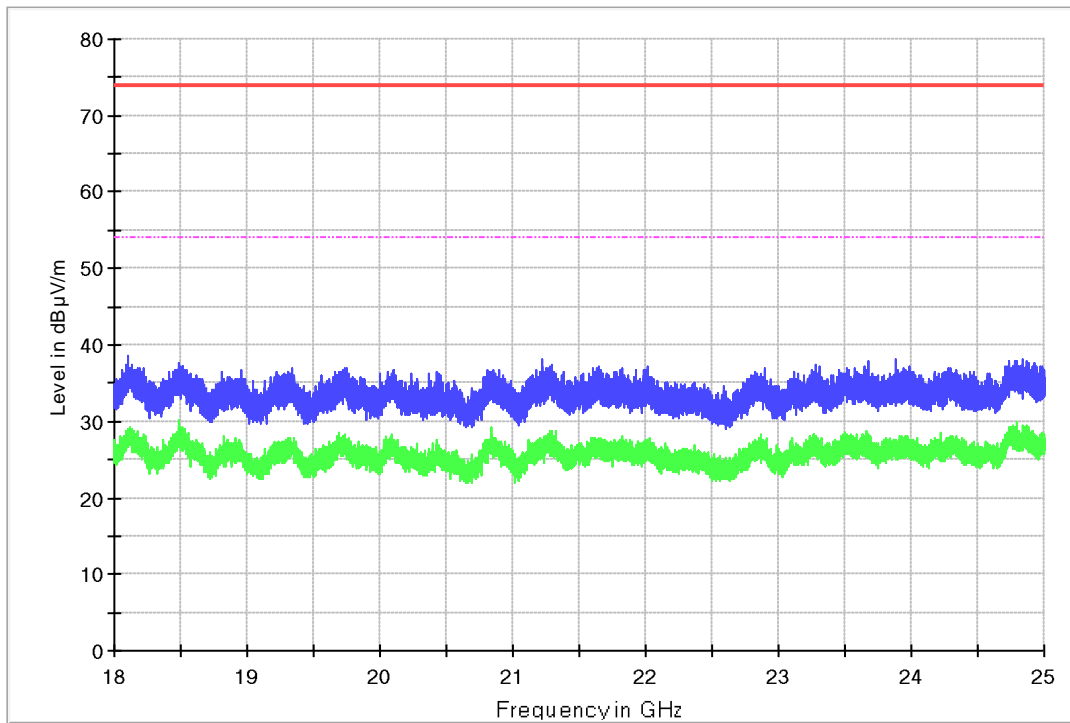
Figure 96: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre



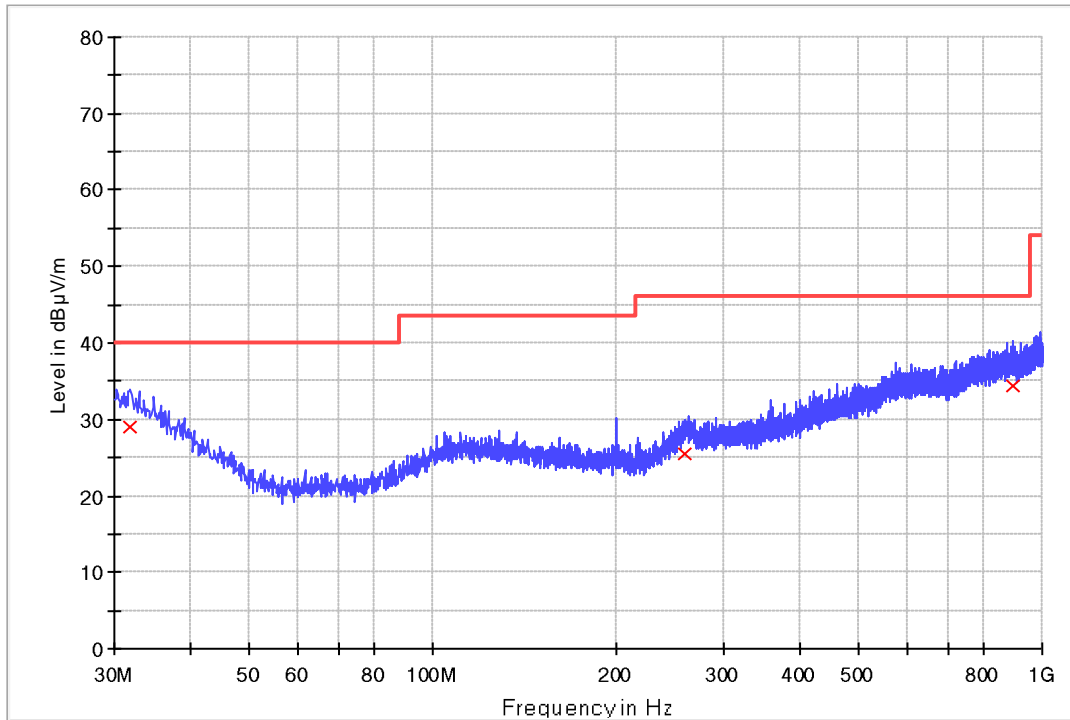
**Figure 97: Radiated Spurious Emission, TM9, 18GHz to 25GHz, V**

RE 18-40GHz 9170 FSV40 Pre



**Figure 98: Radiated Spurious Emission, TM10, 30MHz to 1GHz, H**

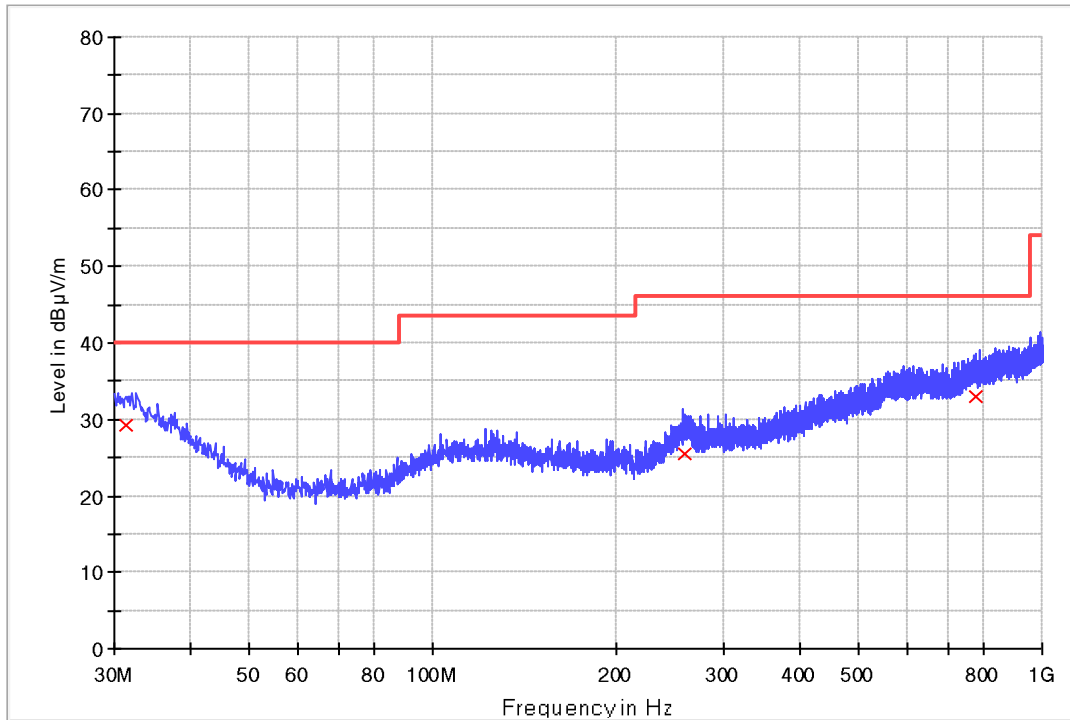
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.940000	29.0	H	24.5	11.0	40.0
258.798750	25.5	H	20.5	20.5	46.0
895.482500	34.3	H	28.4	11.7	46.0

**Figure 99: Radiated Spurious Emission, TM10, 30MHz to 1GHz, V**

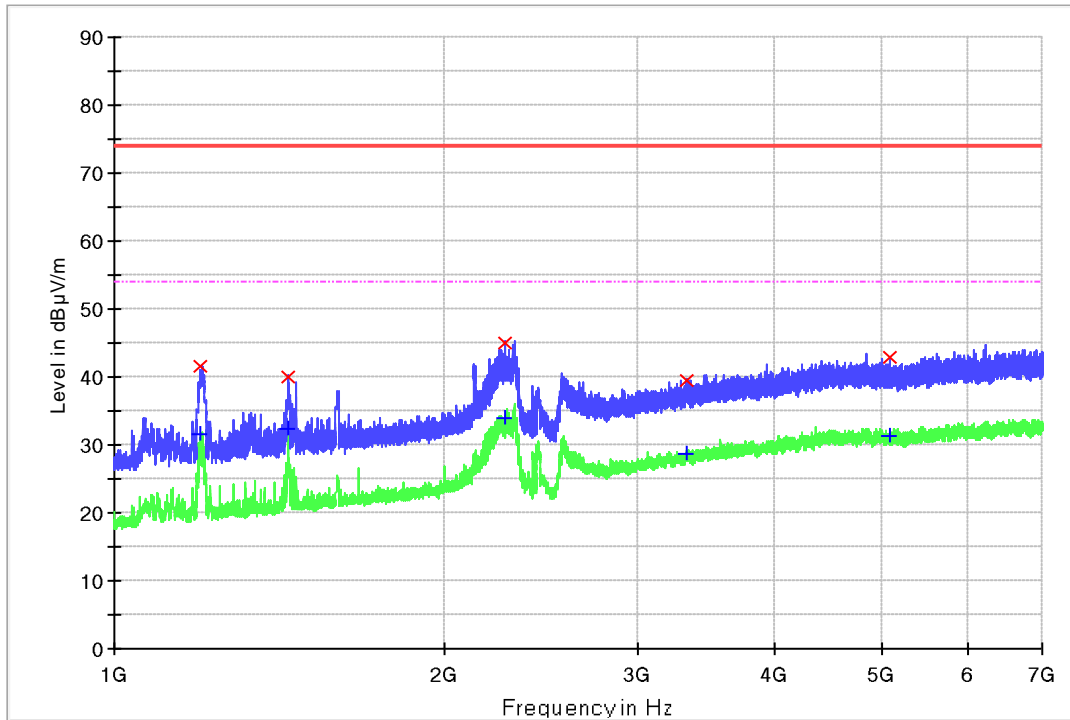
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.333750	29.2	V	24.8	10.8	40.0
259.526250	25.5	V	20.6	20.5	46.0
777.506250	32.9	V	27.2	13.1	46.0

**Figure 100: Radiated Spurious Emission, TM10, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

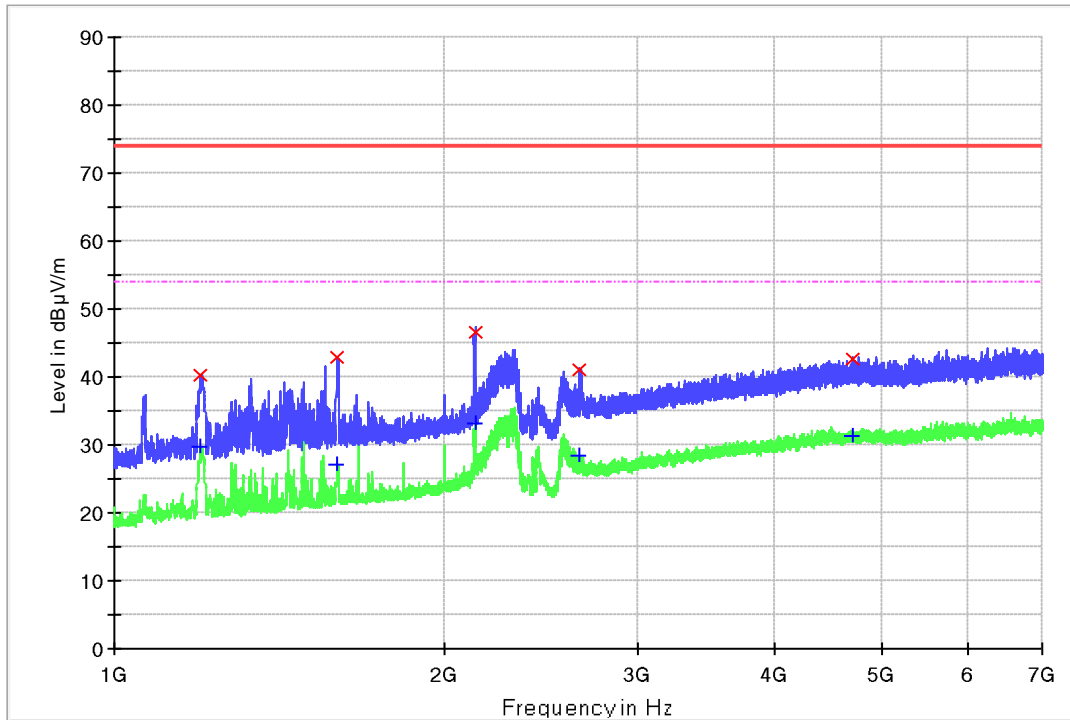
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1198.937500	41.5	H	-21.2	32.5	74.0
1439.875000	39.9	H	-19.4	34.1	74.0
2266.000000	45.1	H	-15.1	28.9	74.0
3324.250000	39.5	H	-10.3	34.5	74.0
5086.000000	43.0	H	-6.6	31.0	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1198.937500	31.7	H	-21.2	22.3	54.0
1439.875000	32.3	H	-19.4	21.7	54.0
2266.000000	34.0	H	-15.1	20.0	54.0
3324.250000	28.8	H	-10.3	25.2	54.0
5086.000000	31.3	H	-6.6	22.7	54.0

**Figure 101: Radiated Spurious Emission, TM10, 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)
1199.312500	40.3	V	-21.2	33.7	74.0
1595.125000	42.8	V	-18.4	31.2	74.0
2131.187500	46.5	V	-15.7	27.5	74.0
2653.562500	41.0	V	-13.3	33.0	74.0
4705.750000	42.5	V	-6.4	31.5	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1199.312500	29.8	V	-21.2	24.2	54.0
1595.125000	27.1	V	-18.4	26.9	54.0
2131.187500	33.1	V	-15.7	20.9	54.0
2653.562500	28.4	V	-13.3	25.6	54.0
4705.750000	31.3	V	-6.4	22.7	54.0

Figure 102: Radiated Spurious Emission, TM10, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

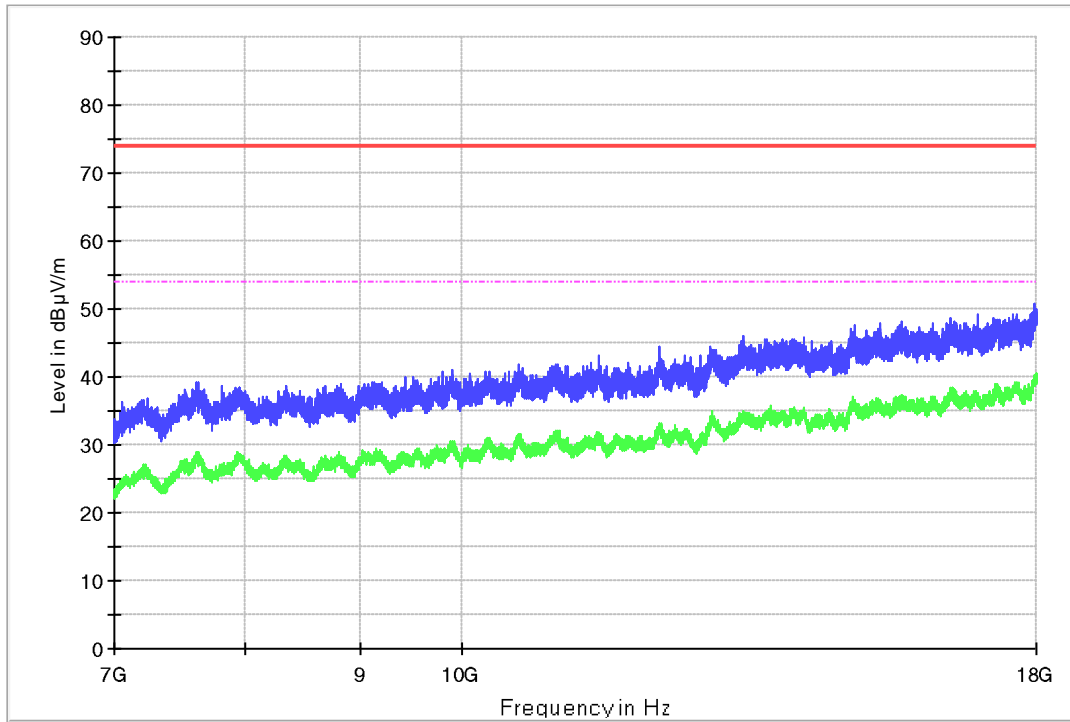


Figure 103: Radiated Spurious Emission, TM10, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

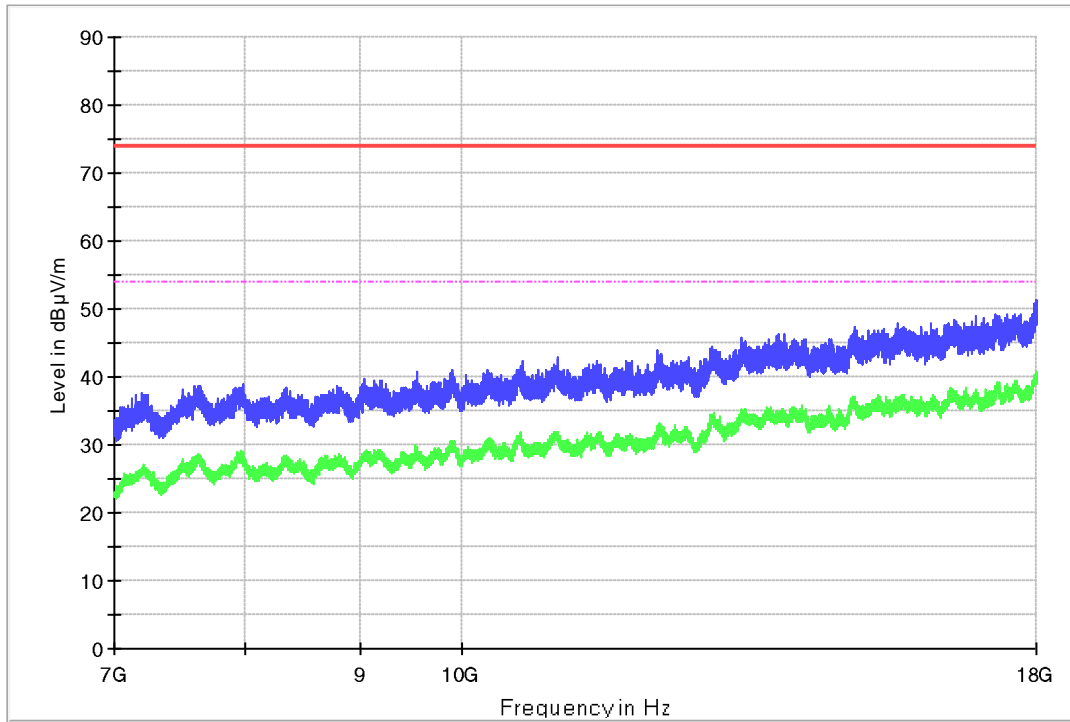




Figure 104: Radiated Spurious Emission, TM10, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

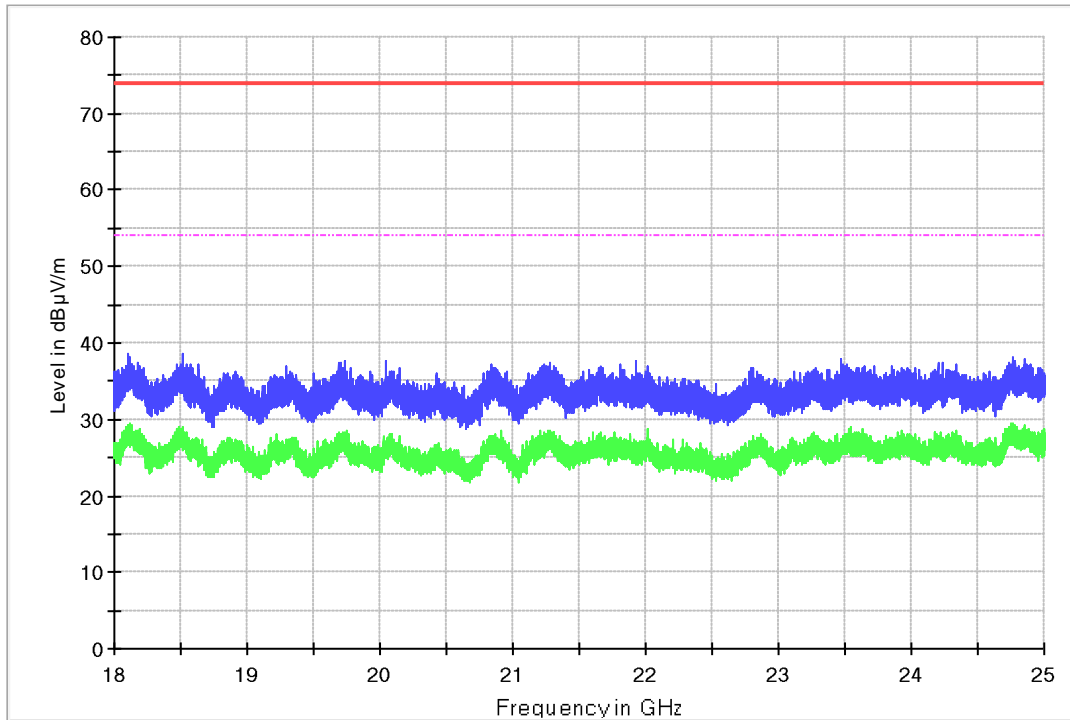
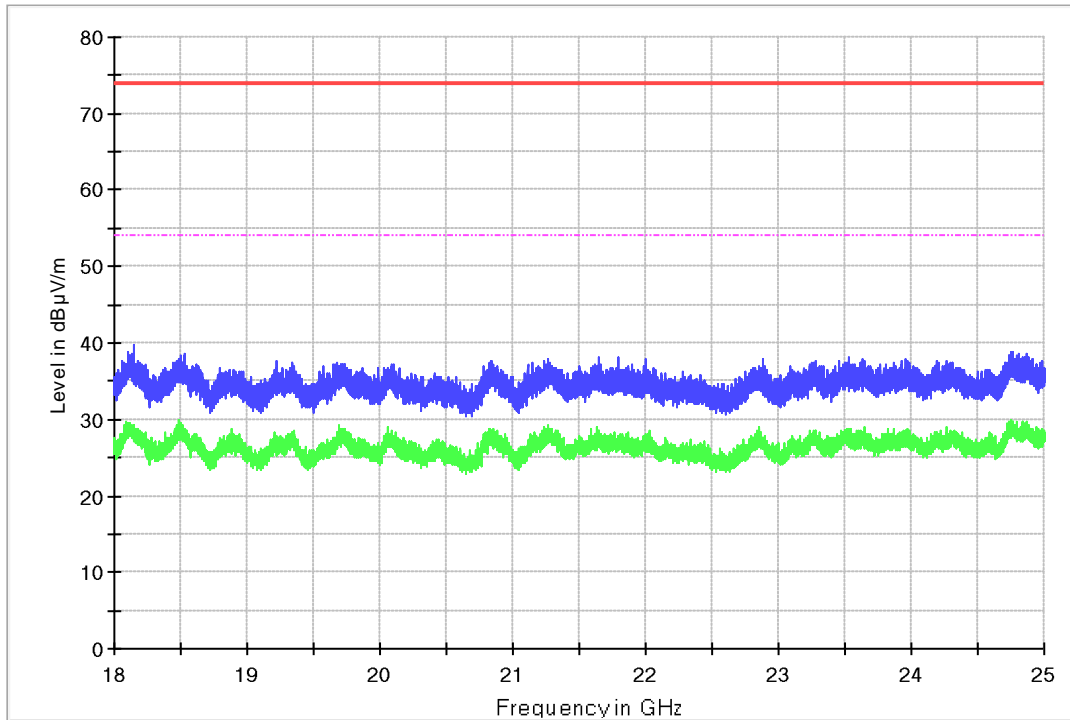


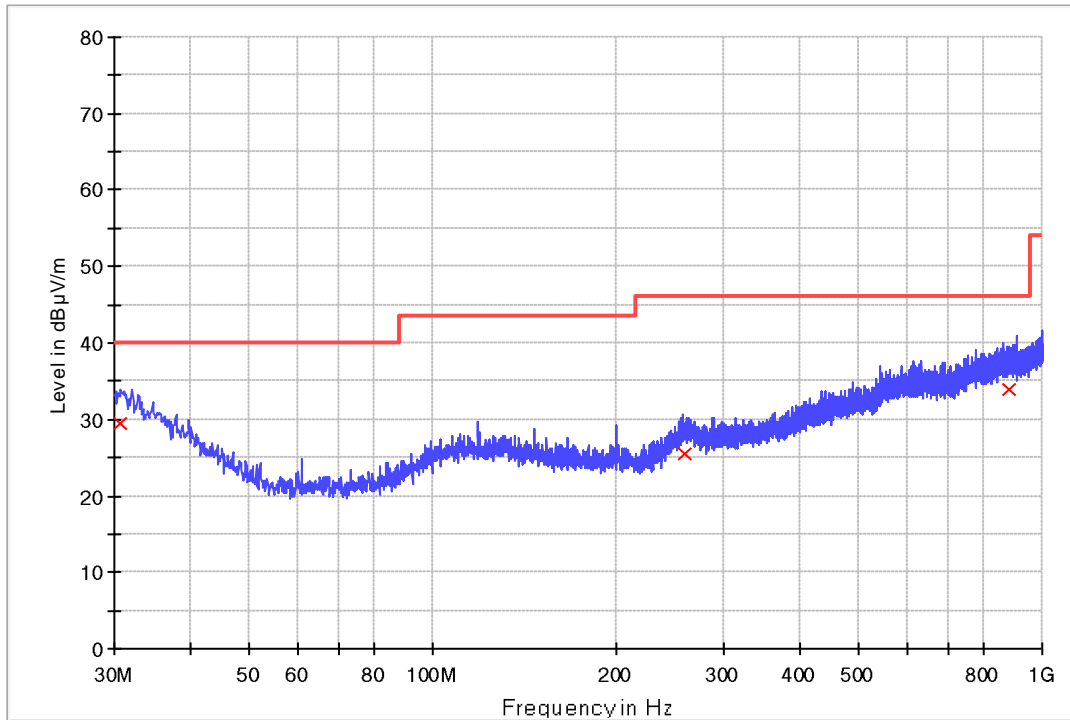
Figure 105: Radiated Spurious Emission, TM10, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 106: Radiated Spurious Emission, TM11, 30MHz to 1GHz, H**

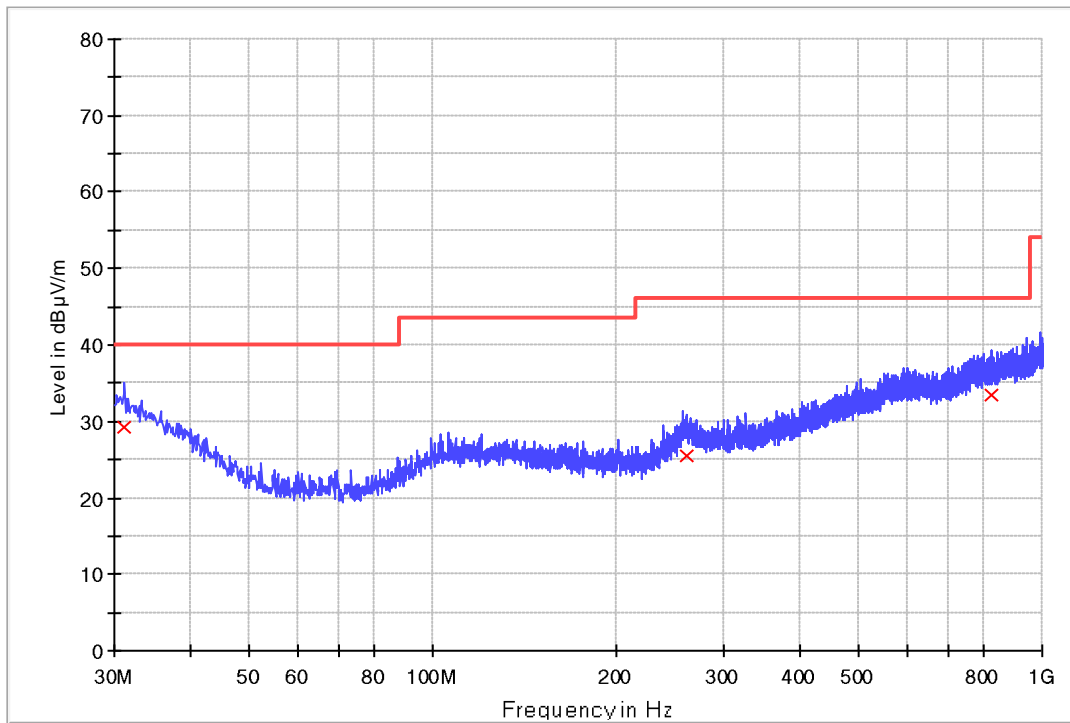
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.6	H	25.0	10.4	40.0
259.405000	25.5	H	20.6	20.5	46.0
879.113750	34.0	H	28.0	12.0	46.0

**Figure 107: Radiated Spurious Emission, TM11, 30MHz to 1GHz, V**

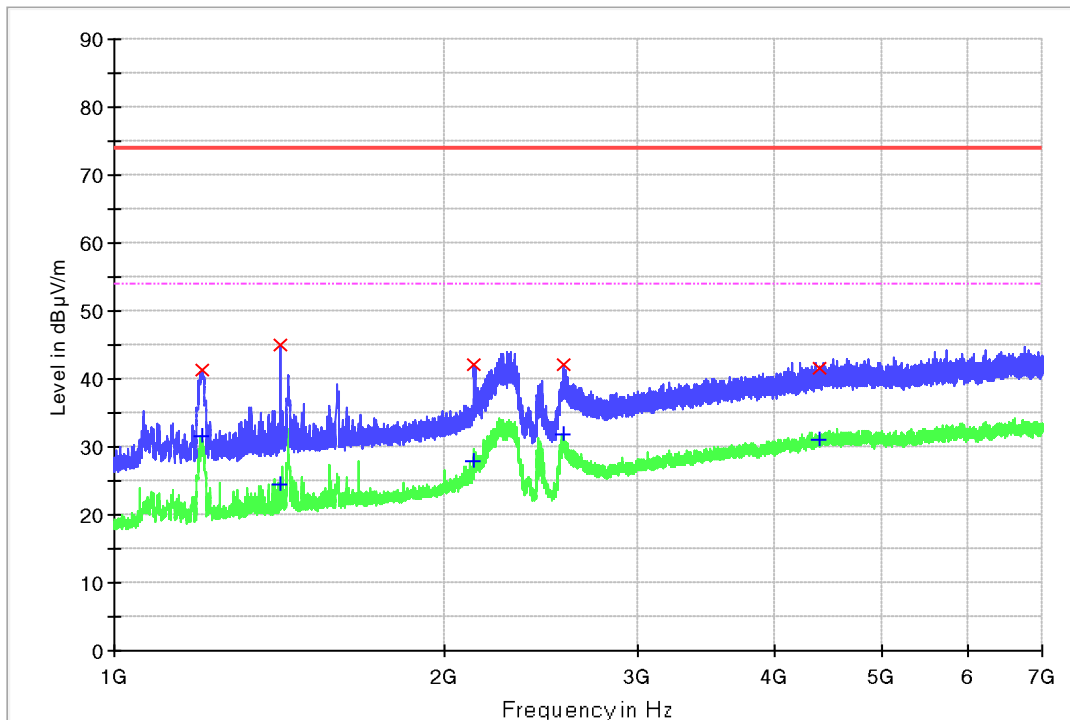
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.212500	29.4	V	24.8	10.6	40.0
260.132500	25.6	V	20.7	20.4	46.0
826.976250	33.4	V	27.5	12.6	46.0

**Figure 108: Radiated Spurious Emission, TM11, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

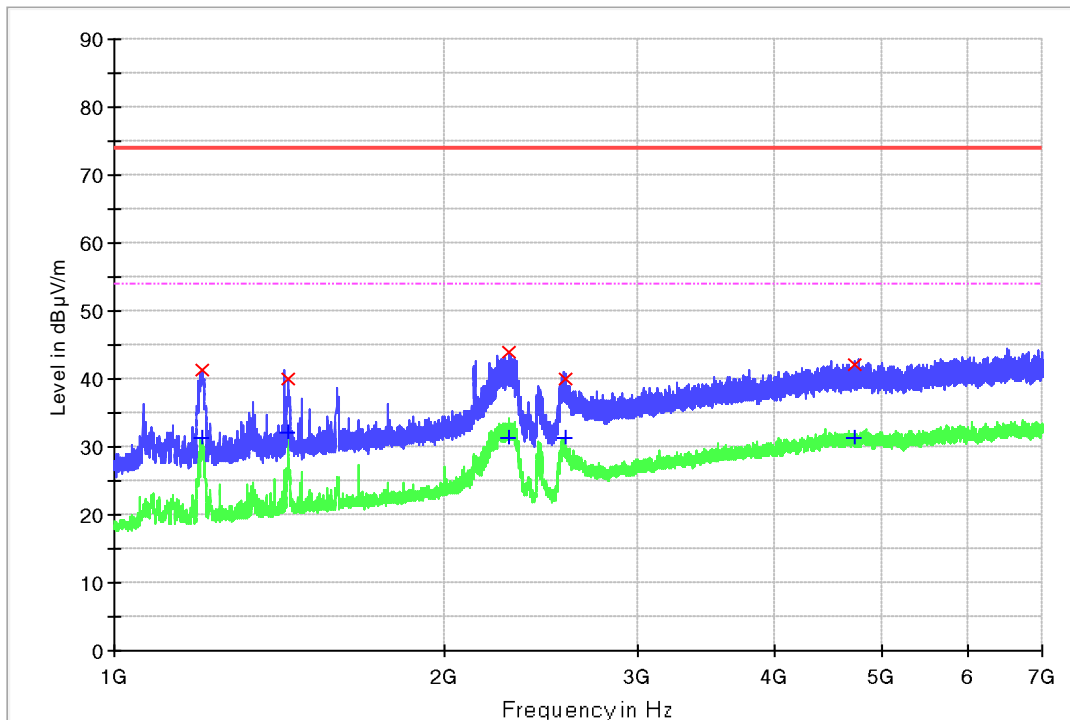
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1202.687500	41.4	H	-21.2	32.6	74.0
1414.750000	45.0	H	-19.6	29.0	74.0
2128.187500	42.1	H	-15.7	31.9	74.0
2566.375000	42.0	H	-13.8	32.0	74.0
4390.187500	41.5	H	-6.7	32.5	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1202.687500	31.6	H	-21.2	22.4	54.0
1414.750000	24.4	H	-19.6	29.6	54.0
2128.187500	28.0	H	-15.7	26.0	54.0
2566.375000	31.8	H	-13.8	22.2	54.0
4390.187500	31.0	H	-6.7	23.0	54.0

**Figure 109: Radiated Spurious Emission, TM8, 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)
1200.062500	41.3	V	-21.2	32.7	74.0
1439.875000	40.0	V	-19.4	34.0	74.0
2285.125000	43.9	V	-15.0	30.1	74.0
2572.187500	39.9	V	-13.8	34.1	74.0
4731.625000	42.1	V	-6.4	31.9	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1200.062500	31.4	V	-21.2	22.6	54.0
1439.875000	32.1	V	-19.4	21.9	54.0
2285.125000	31.4	V	-15.0	22.6	54.0
2572.187500	31.2	V	-13.8	22.8	54.0
4731.625000	31.4	V	-6.4	22.6	54.0

Figure 110: Radiated Spurious Emission, TM11, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

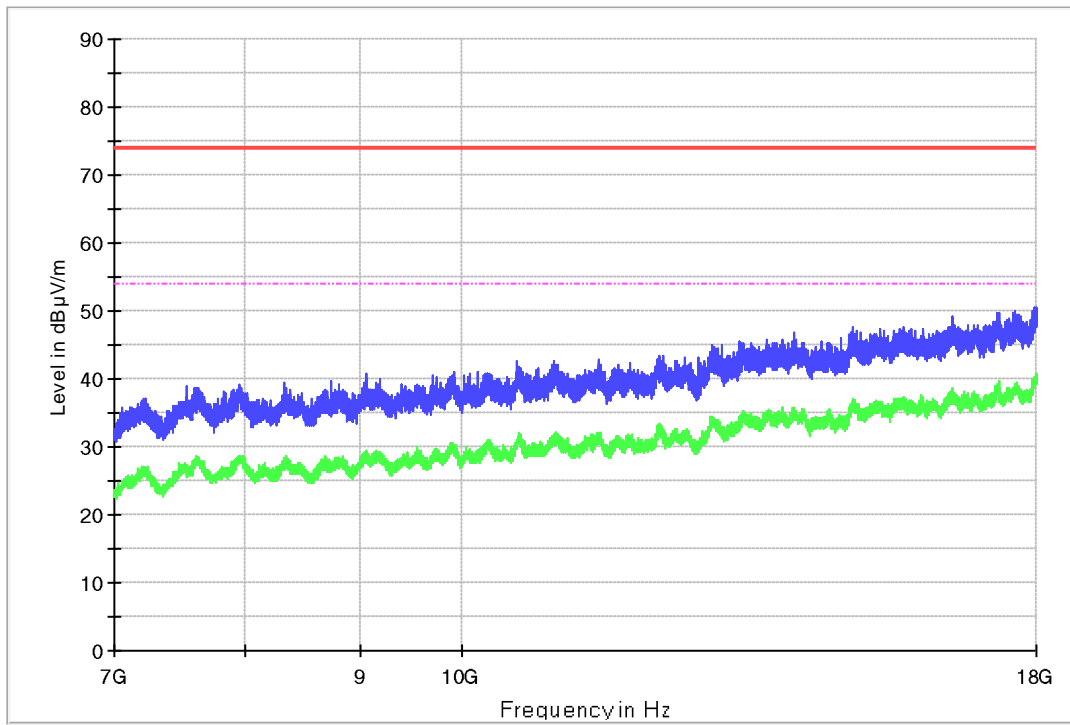


Figure 111: Radiated Spurious Emission, TM11, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

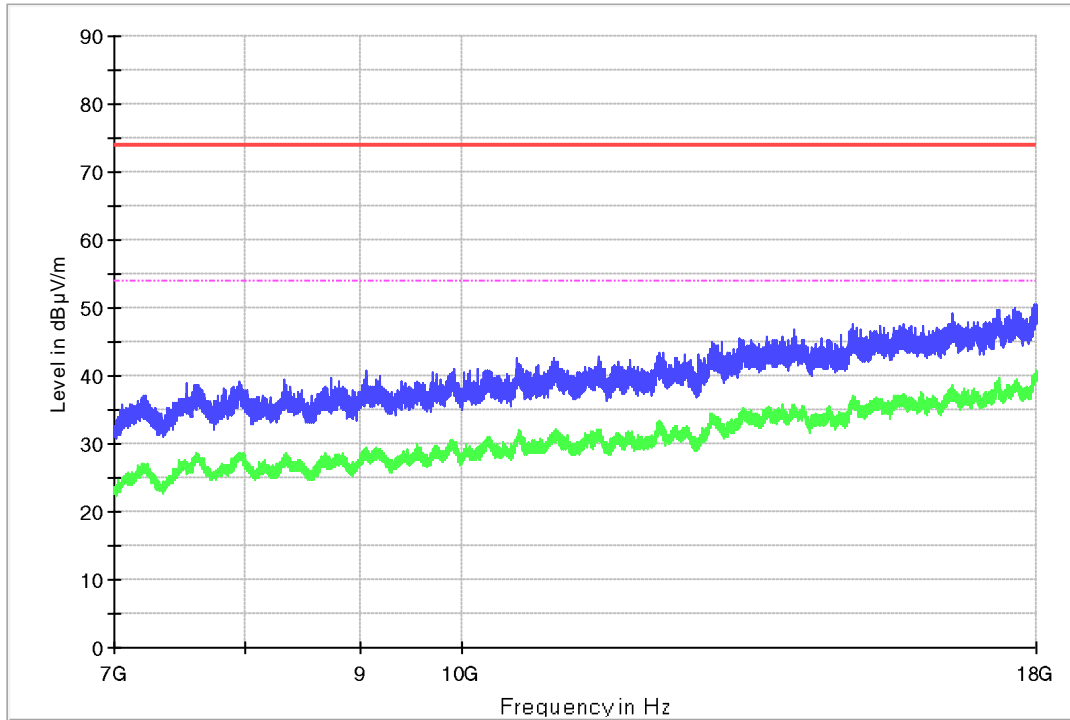




Figure 112: Radiated Spurious Emission, TM11, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

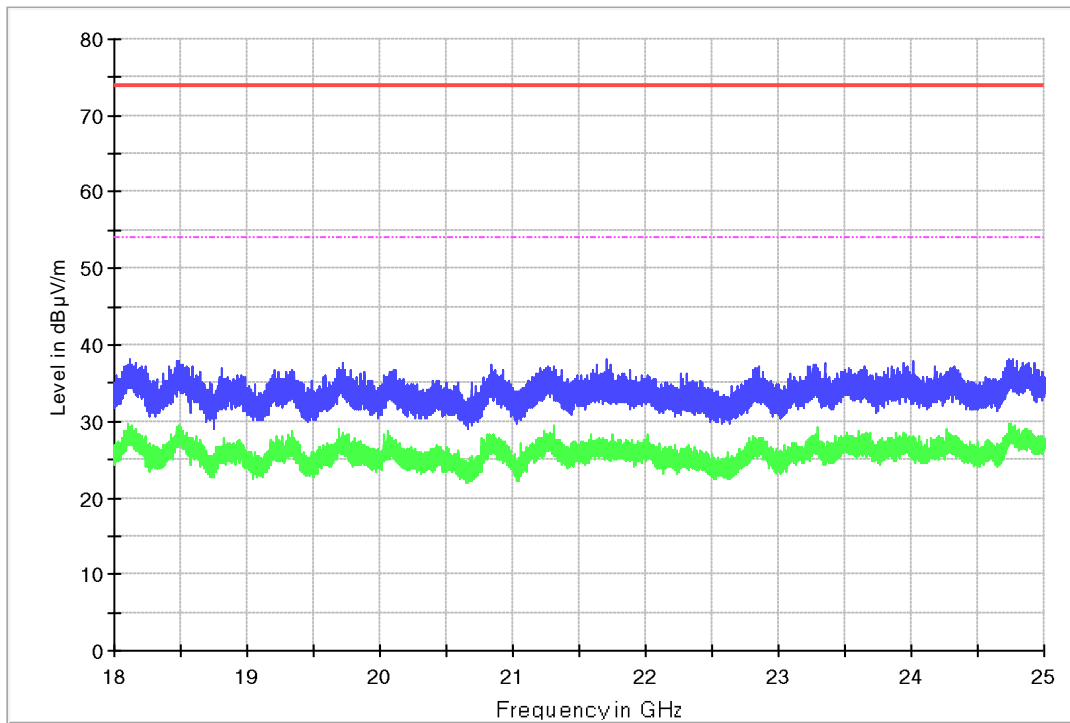
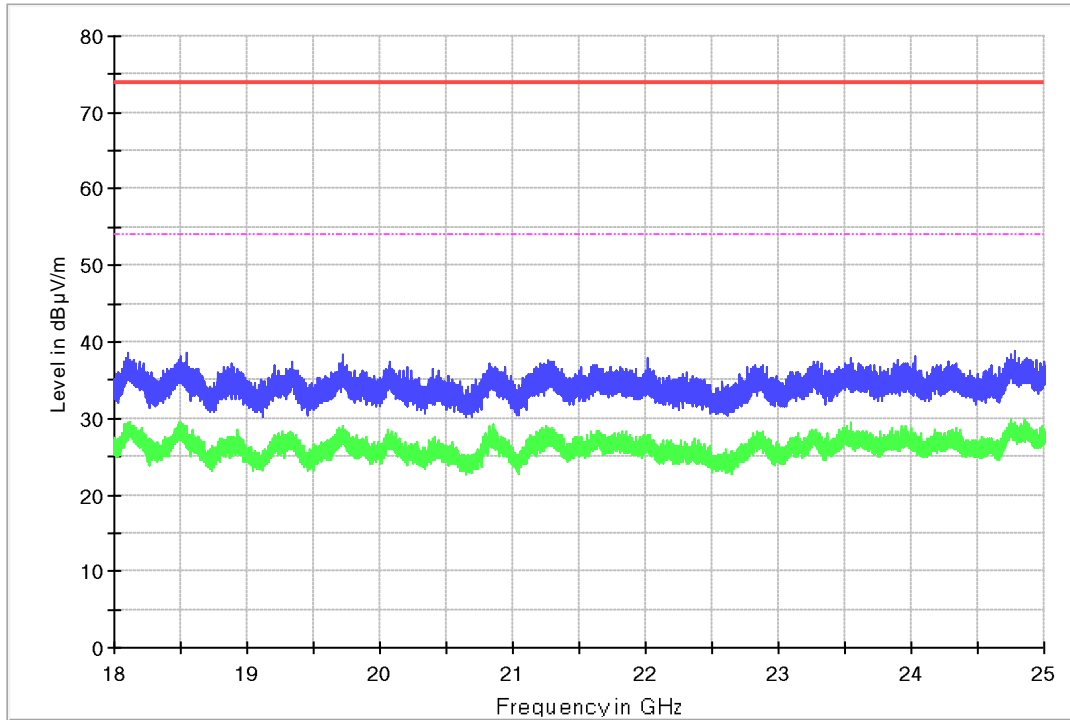


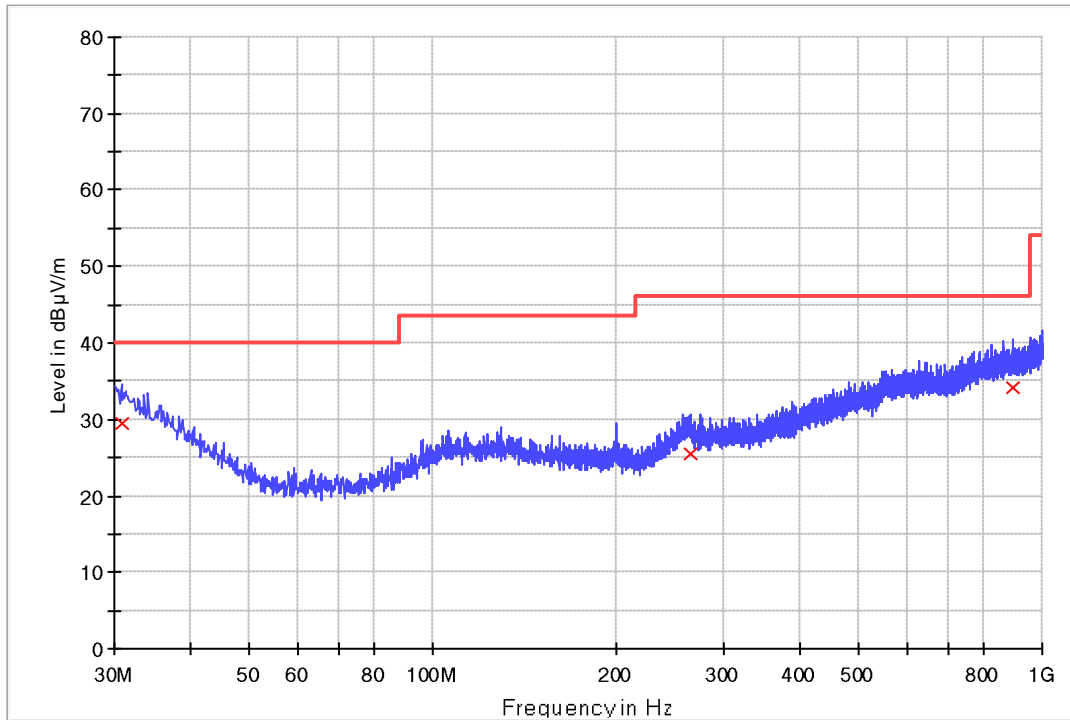
Figure 113: Radiated Spurious Emission, TM11, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



**Figure 114: Radiated Spurious Emission, TM12, 30MHz to 1GHz, H**

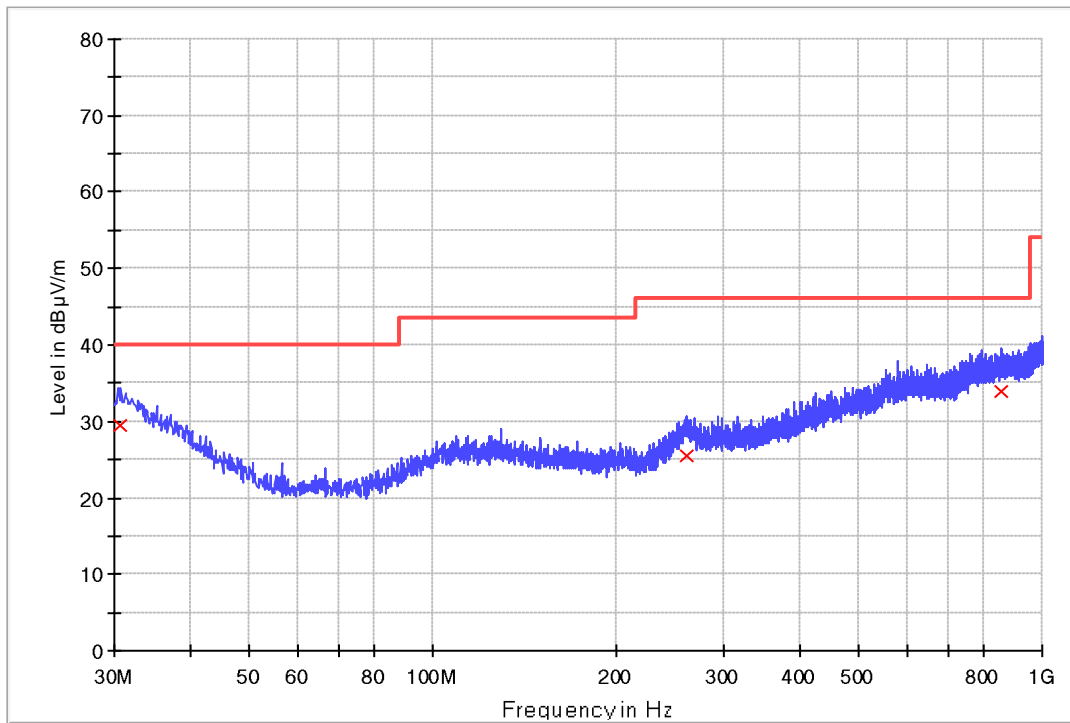
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.848750	29.5	H	25.0	10.5	40.0
264.133750	25.5	H	20.7	20.5	46.0
893.785000	34.2	H	28.3	11.8	46.0

**Figure 115: Radiated Spurious Emission, TM12, 30MHz to 1GHz, V**

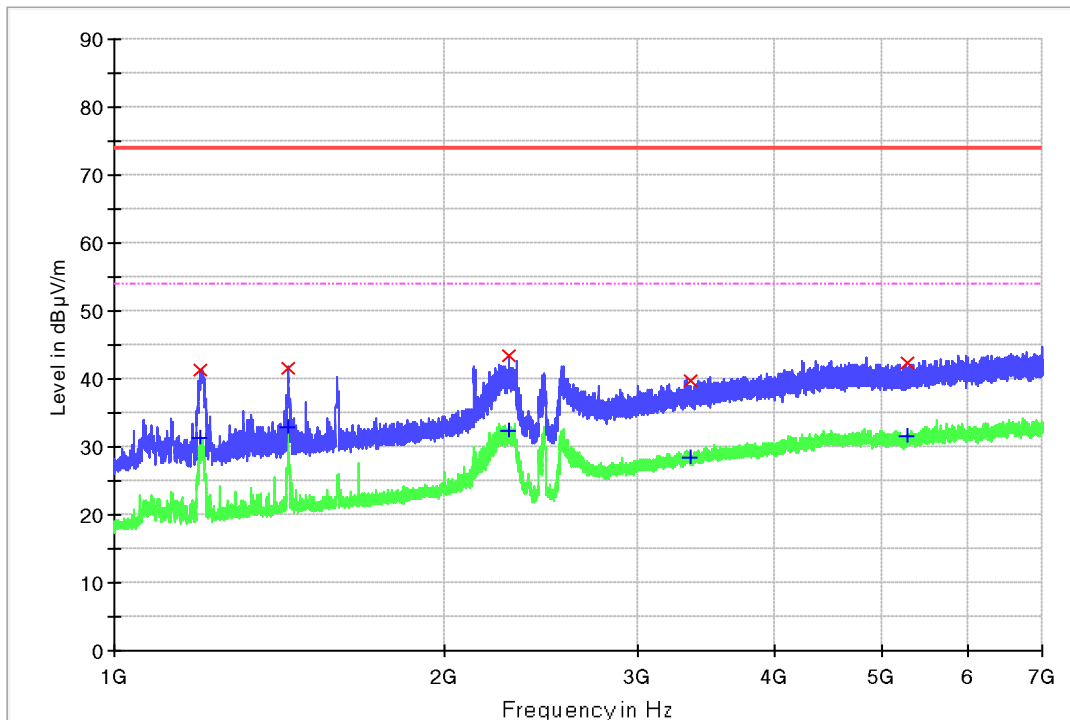
Radiated emission (30M-1GHz) 1 Range FCC


**Limit and Margin**

Frequency (MHz)	QuasiPeak (dBµV/m)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.727500	29.5	V	25.0	10.5	40.0
260.132500	25.5	V	20.7	20.5	46.0
856.803750	33.8	V	27.9	12.2	46.0

**Figure 116: Radiated Spurious Emission, TM12, 1GHz to 7GHz, H**

RE 1-18GHz HL050 FSV40 Pre


**Limit and Margin PK**

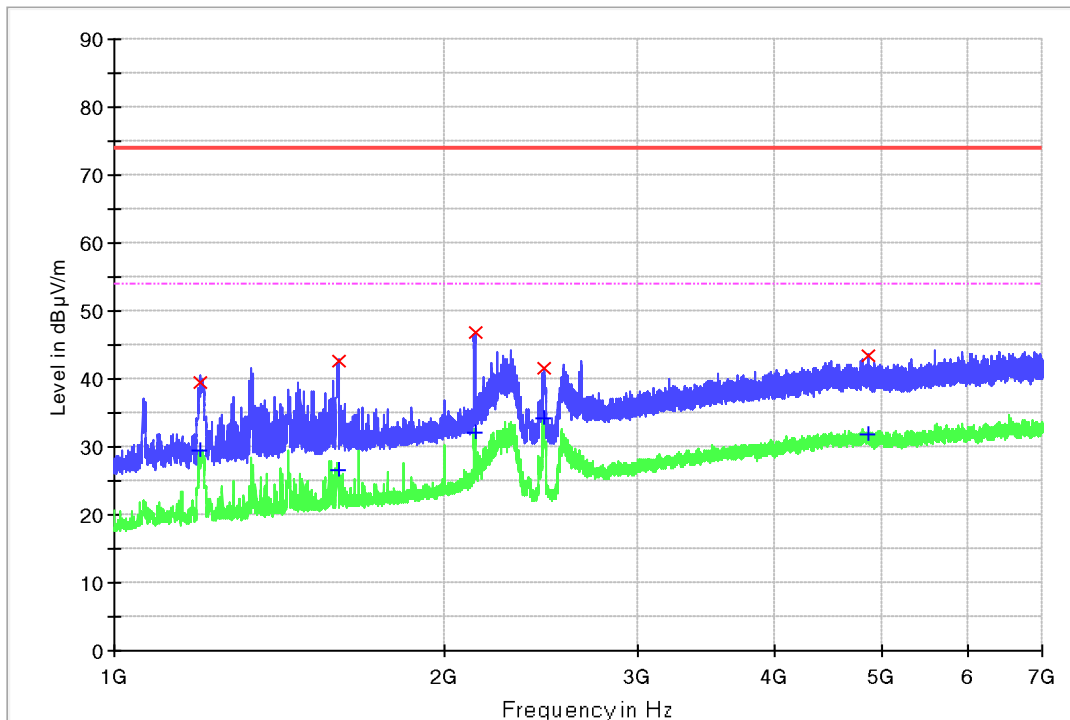
Frequency (MHz)	MaxPeak (dBµV/m)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1197.062500	41.3	H	-21.3	32.7	74.0
1439.687500	41.7	H	-19.4	32.3	74.0
2285.687500	43.3	H	-15.0	30.7	74.0
3344.125000	39.7	H	-10.2	34.3	74.0
5271.062500	42.3	H	-6.2	31.7	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1197.062500	31.4	H	-21.3	22.6	54.0
1439.687500	33.0	H	-19.4	21.0	54.0
2285.687500	32.4	H	-15.0	21.6	54.0
3344.125000	28.5	H	-10.2	25.5	54.0
5271.062500	31.6	H	-6.2	22.4	54.0

**Figure 117: Radiated Spurious Emission, TM12, 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)
1198.375000	39.4	V	-21.2	34.6	74.0
1599.062500	42.7	V	-18.3	31.3	74.0
2131.375000	46.8	V	-15.7	27.2	74.0
2460.062500	41.7	V	-14.3	32.3	74.0
4868.312500	43.5	V	-6.5	30.5	74.0

**Limit and Margin AV**

Frequency (MHz)	Average (dBµV/m)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1198.375000	29.5	V	-21.2	24.5	54.0
1599.062500	26.6	V	-18.3	27.4	54.0
2131.375000	32.2	V	-15.7	21.8	54.0
2460.062500	34.2	V	-14.3	19.8	54.0
4868.312500	31.9	V	-6.5	22.1	54.0

Figure 118: Radiated Spurious Emission, TM12, 7GHz to 18GHz, H

RE 1-18GHz HL050 FSV40 Pre

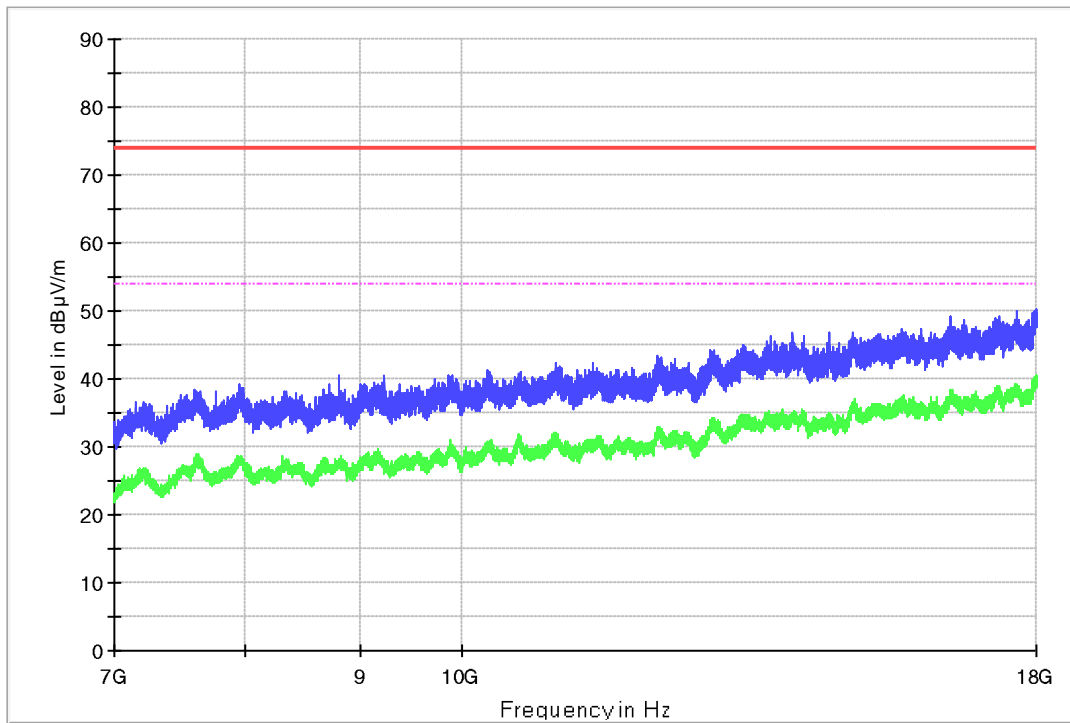


Figure 119: Radiated Spurious Emission, TM12, 7GHz to 18GHz, V

RE 1-18GHz HL050 FSV40 Pre

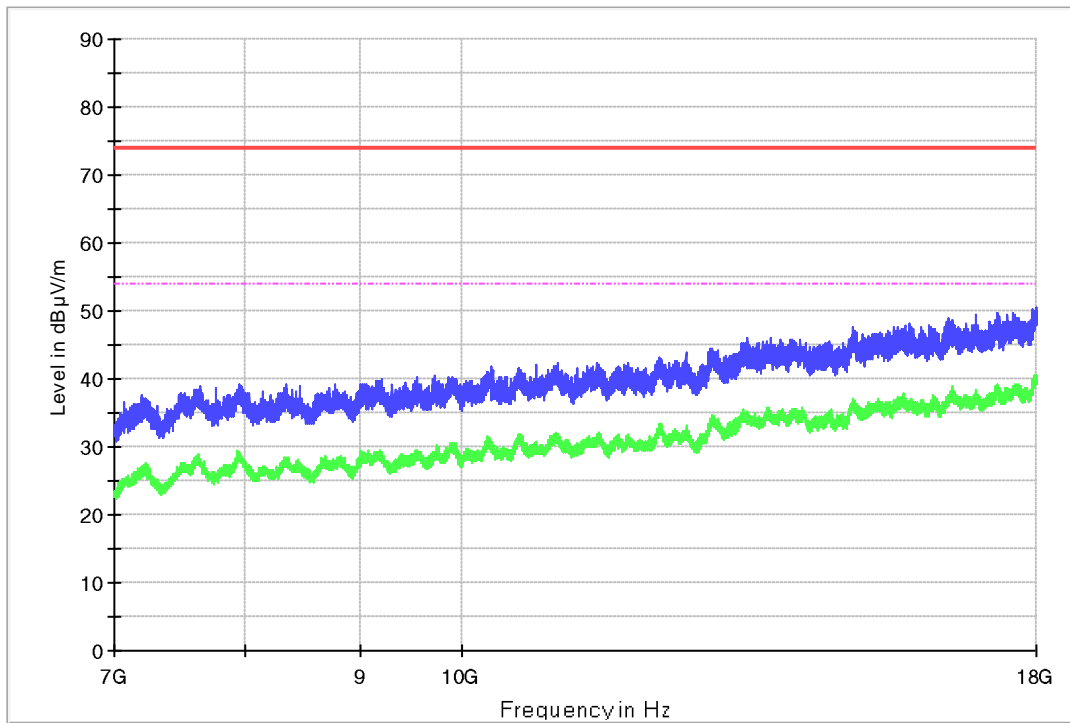




Figure 120: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H

RE 18-40GHz 9170 FSV40 Pre

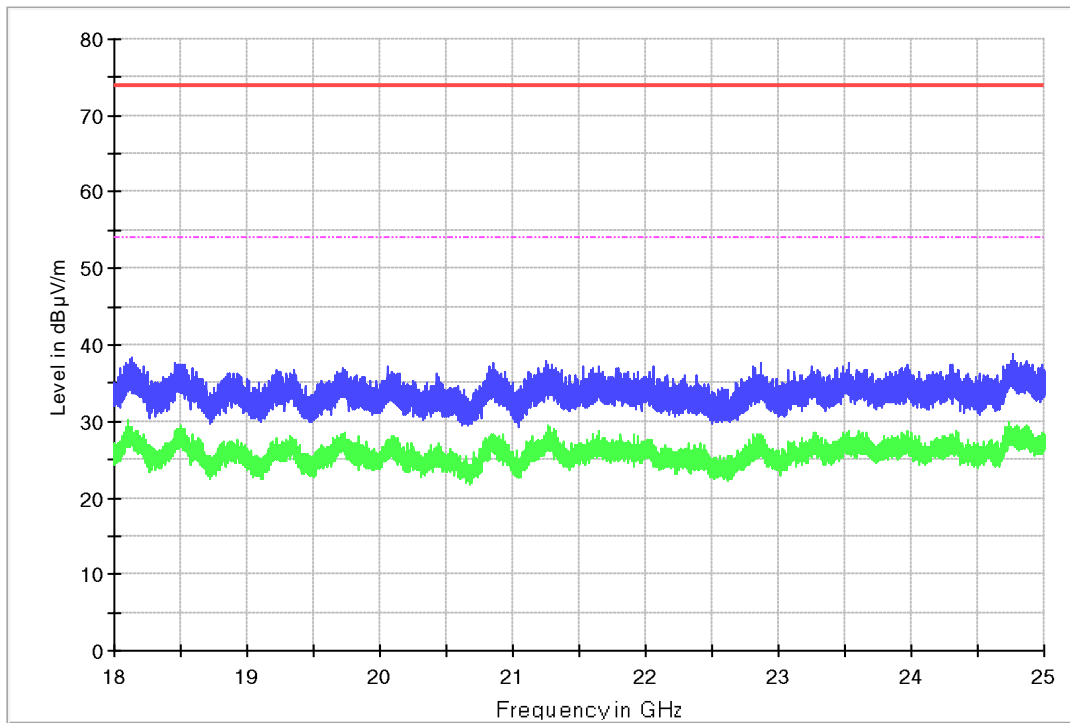
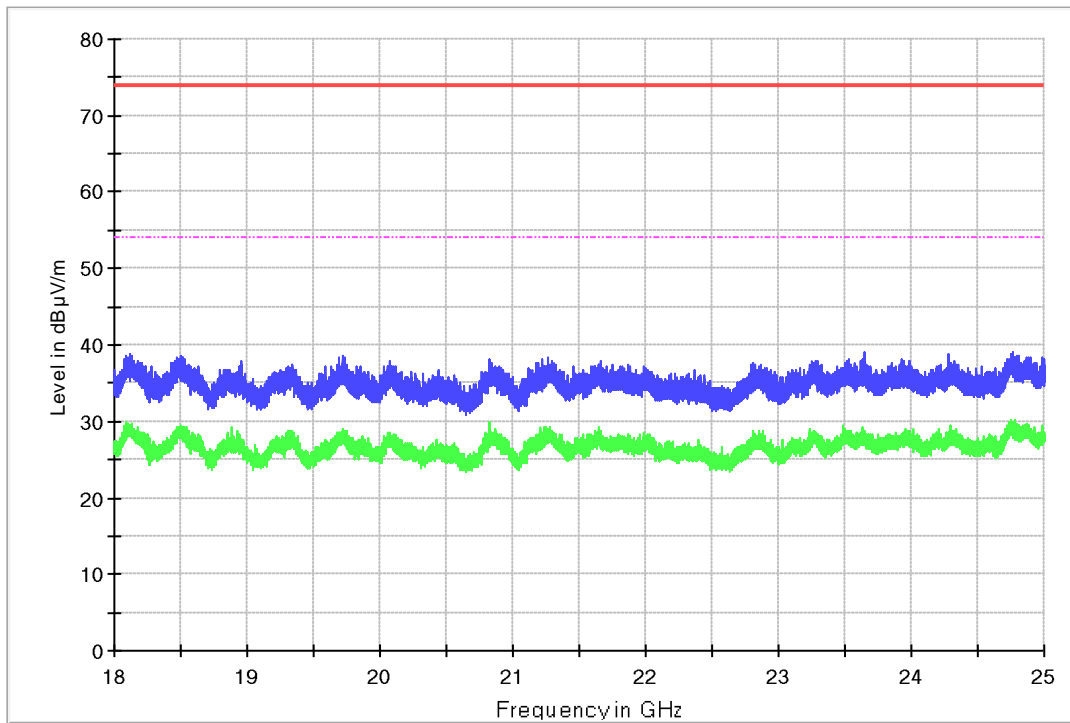


Figure 121: Radiated Spurious Emission, TM9, 18GHz to 25GHz, V

RE 18-40GHz 9170 FSV40 Pre



## 6. List of Tables

Table 1: List of Test and Measurement Equipment .....	5
Table 2: Measurement Uncertainty .....	6
Table 3: Technical Specification of EUT .....	7
Table 4: Independent Operation Modes.....	8
Table 5: Antenna Requirement.....	10

## 7. List of Figures

Figure 1: Conducted Emission, L.....	31
Figure 2: Conducted Emission, N.....	32
Figure 3: Radiated Band-Edge, TM1, H.....	34
Figure 4: Radiated Band-Edge, TM1, V.....	34
Figure 5: Radiated Band-Edge, TM3, H.....	35
Figure 6: Radiated Band-Edge, TM3, V.....	35
Figure 7: Radiated Band-Edge, TM4, H.....	36
Figure 8: Radiated Band-Edge, TM4, V.....	36
Figure 9: Radiated Band-Edge, TM6, H.....	37
Figure 10: Radiated Band-Edge, TM6, V.....	37
Figure 11: Radiated Band-Edge, TM7, H.....	38
Figure 12: Radiated Band-Edge, TM7, V.....	38
Figure 13: Radiated Band-Edge, TM9, H.....	39
Figure 14: Radiated Band-Edge, TM9, V.....	39
Figure 15: Radiated Band-Edge, TM10, H.....	40
Figure 16: Radiated Band-Edge, TM10, V.....	40
Figure 17: Radiated Band-Edge, TM12, H.....	41
Figure 18: Radiated Band-Edge, TM12, V.....	41
Figure 19: Radiated Spurious Emission, TM1, 30MHz to 1GHz, H.....	43
Figure 20: Radiated Spurious Emission, TM1, 30MHz to 1GHz, V.....	44
Figure 21: Radiated Spurious Emission, TM1, 1GHz to 7GHz, H.....	45
Figure 22: Radiated Spurious Emission, TM1, 1GHz to 7GHz, V.....	46
Figure 23: Radiated Spurious Emission, TM1, 7GHz to 18GHz, H.....	47
Figure 24: Radiated Spurious Emission, TM1, 7GHz to 18GHz, V.....	48
Figure 25: Radiated Spurious Emission, TM1, 18GHz to 25GHz, H.....	49
Figure 26: Radiated Spurious Emission, TM1, 18GHz to 25GHz, V.....	50
Figure 27: Radiated Spurious Emission, TM2, 30MHz to 1GHz, H.....	51
Figure 28: Radiated Spurious Emission, TM2, 30MHz to 1GHz, V.....	52
Figure 29: Radiated Spurious Emission, TM2, 1GHz to 7GHz, H.....	53
Figure 30: Radiated Spurious Emission, TM2, 1GHz to 7GHz, V.....	54
Figure 31: Radiated Spurious Emission, TM2, 7GHz to 18GHz, H.....	55
Figure 32: Radiated Spurious Emission, TM2, 7GHz to 18GHz, V.....	56
Figure 33: Radiated Spurious Emission, TM2, 18GHz to 25GHz, H.....	57
Figure 34: Radiated Spurious Emission, TM2, 18GHz to 25GHz, V.....	58
Figure 35: Radiated Spurious Emission, TM3, 30MHz to 1GHz, H.....	59
Figure 36: Radiated Spurious Emission, TM3, 30MHz to 1GHz, V.....	60
Figure 37: Radiated Spurious Emission, TM3, 1GHz to 7GHz, H.....	61
Figure 38: Radiated Spurious Emission, TM3, 1GHz to 7GHz, V.....	62
Figure 39: Radiated Spurious Emission, TM3, 7GHz to 18GHz, H.....	63
Figure 40: Radiated Spurious Emission, TM3, 7GHz to 18GHz, V.....	64
Figure 41: Radiated Spurious Emission, TM3, 18GHz to 25GHz, H.....	65

Figure 42: Radiated Spurious Emission, TM3, 18GHz to 25GHz, V .....	66
Figure 43: Radiated Spurious Emission, TM4, 30MHz to 1GHz, H .....	67
Figure 44: Radiated Spurious Emission, TM4, 30MHz to 1GHz, V .....	68
Figure 45: Radiated Spurious Emission, TM4, 1GHz to 7GHz, H .....	69
Figure 46: Radiated Spurious Emission, TM4, 1GHz to 7GHz, V .....	70
Figure 47: Radiated Spurious Emission, TM4, 7GHz to 18GHz, H .....	71
Figure 48: Radiated Spurious Emission, TM4, 7GHz to 18GHz, V .....	72
Figure 49: Radiated Spurious Emission, TM4, 18GHz to 25GHz, H .....	73
Figure 50: Radiated Spurious Emission, TM4, 18GHz to 25GHz, V .....	74
Figure 51: Radiated Spurious Emission, TM5, 30MHz to 1GHz, H .....	75
Figure 52: Radiated Spurious Emission, TM5, 30MHz to 1GHz, V .....	76
Figure 53: Radiated Spurious Emission, TM5, 1GHz to 7GHz, H .....	77
Figure 54: Radiated Spurious Emission, TM5, 1GHz to 7GHz, V .....	78
Figure 55: Radiated Spurious Emission, TM5, 7GHz to 18GHz, H .....	79
Figure 56: Radiated Spurious Emission, TM5, 7GHz to 18GHz, V .....	80
Figure 57: Radiated Spurious Emission, TM5, 18GHz to 25GHz, H .....	81
Figure 58: Radiated Spurious Emission, TM5, 18GHz to 25GHz, V .....	82
Figure 59: Radiated Spurious Emission, TM6, 30MHz to 1GHz, H .....	83
Figure 60: Radiated Spurious Emission, TM6, 30MHz to 1GHz, V .....	84
Figure 61: Radiated Spurious Emission, TM6, 1GHz to 7GHz, H .....	85
Figure 62: Radiated Spurious Emission, TM6, 1GHz to 7GHz, V .....	86
Figure 63: Radiated Spurious Emission, TM6, 7GHz to 18GHz, H .....	87
Figure 64: Radiated Spurious Emission, TM6, 7GHz to 18GHz, V .....	88
Figure 65: Radiated Spurious Emission, TM6, 18GHz to 25GHz, H .....	89
Figure 66: Radiated Spurious Emission, TM6, 18GHz to 25GHz, V .....	90
Figure 67: Radiated Spurious Emission, TM7, 30MHz to 1GHz, H .....	91
Figure 68: Radiated Spurious Emission, TM7, 30MHz to 1GHz, V .....	92
Figure 69: Radiated Spurious Emission, TM7, 1GHz to 7GHz, H .....	93
Figure 70: Radiated Spurious Emission, TM7, 1GHz to 7GHz, V .....	94
Figure 71: Radiated Spurious Emission, TM7, 7GHz to 18GHz, H .....	95
Figure 72: Radiated Spurious Emission, TM7, 7GHz to 18GHz, V .....	96
Figure 73: Radiated Spurious Emission, TM7, 18GHz to 25GHz, H .....	97
Figure 74: Radiated Spurious Emission, TM7, 18GHz to 25GHz, V .....	98
Figure 75: Radiated Spurious Emission, TM8, 30MHz to 1GHz, H .....	99
Figure 76: Radiated Spurious Emission, TM8, 30MHz to 1GHz, V .....	100
Figure 77: Radiated Spurious Emission, TM8, 1GHz to 7GHz, H .....	101
Figure 78: Radiated Spurious Emission, TM8, 1GHz to 7GHz, V .....	102
Figure 79: Radiated Spurious Emission, TM8, 7GHz to 18GHz, H .....	103
Figure 80: Radiated Spurious Emission, TM8, 7GHz to 18GHz, V .....	104
Figure 81: Radiated Spurious Emission, TM8, 18GHz to 25GHz, H .....	105
Figure 82: Radiated Spurious Emission, TM8, 18GHz to 25GHz, V .....	106
Figure 83: Radiated Spurious Emission, TM9, 30MHz to 1GHz, H .....	107
Figure 84: Radiated Spurious Emission, TM9, 30MHz to 1GHz, V .....	108
Figure 85: Radiated Spurious Emission, TM9, 1GHz to 7GHz, H .....	109
Figure 86: Radiated Spurious Emission, TM9, 1GHz to 7GHz, V .....	110
Figure 87: Radiated Spurious Emission, TM9, 7GHz to 18GHz, H .....	111
Figure 88: Radiated Spurious Emission, TM9, 7GHz to 18GHz, V .....	112
Figure 89: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H .....	113
Figure 90: Radiated Spurious Emission, TM9, 18GHz to 25GHz, V .....	114
Figure 91: Radiated Spurious Emission, TM10, 30MHz to 1GHz, H .....	115
Figure 92: Radiated Spurious Emission, TM10, 30MHz to 1GHz, V .....	116
Figure 93: Radiated Spurious Emission, TM10, 1GHz to 7GHz, H .....	117
Figure 94: Radiated Spurious Emission, TM10, 1GHz to 7GHz, V .....	118
Figure 95: Radiated Spurious Emission, TM10, 7GHz to 18GHz, H .....	119
Figure 96: Radiated Spurious Emission, TM10, 7GHz to 18GHz, V .....	120
Figure 97: Radiated Spurious Emission, TM10, 18GHz to 25GHz, H .....	121

Figure 98: Radiated Spurious Emission, TM10, 18GHz to 25GHz, V .....	122
Figure 99: Radiated Spurious Emission, TM11, 30MHz to 1GHz, H .....	123
Figure 100: Radiated Spurious Emission, TM11, 30MHz to 1GHz, V .....	124
Figure 101: Radiated Spurious Emission, TM11, 1GHz to 7GHz, H .....	125
Figure 102: Radiated Spurious Emission, TM8, 1GHz to 7GHz, V .....	126
Figure 103: Radiated Spurious Emission, TM11, 7GHz to 18GHz, H .....	127
Figure 104: Radiated Spurious Emission, TM11, 7GHz to 18GHz, V .....	128
Figure 105: Radiated Spurious Emission, TM11, 18GHz to 25GHz, H .....	129
Figure 106: Radiated Spurious Emission, TM11, 18GHz to 25GHz, V .....	130
Figure 107: Radiated Spurious Emission, TM12, 30MHz to 1GHz, H .....	131
Figure 108: Radiated Spurious Emission, TM12, 30MHz to 1GHz, V .....	132
Figure 109: Radiated Spurious Emission, TM12, 1GHz to 7GHz, H .....	133
Figure 110: Radiated Spurious Emission, TM12, 1GHz to 7GHz, V .....	134
Figure 111: Radiated Spurious Emission, TM12, 7GHz to 18GHz, H .....	135
Figure 112: Radiated Spurious Emission, TM12, 7GHz to 18GHz, V .....	136
Figure 113: Radiated Spurious Emission, TM9, 18GHz to 25GHz, H .....	137
Figure 114: Radiated Spurious Emission, TM9, 18GHz to 25GHz, V .....	138