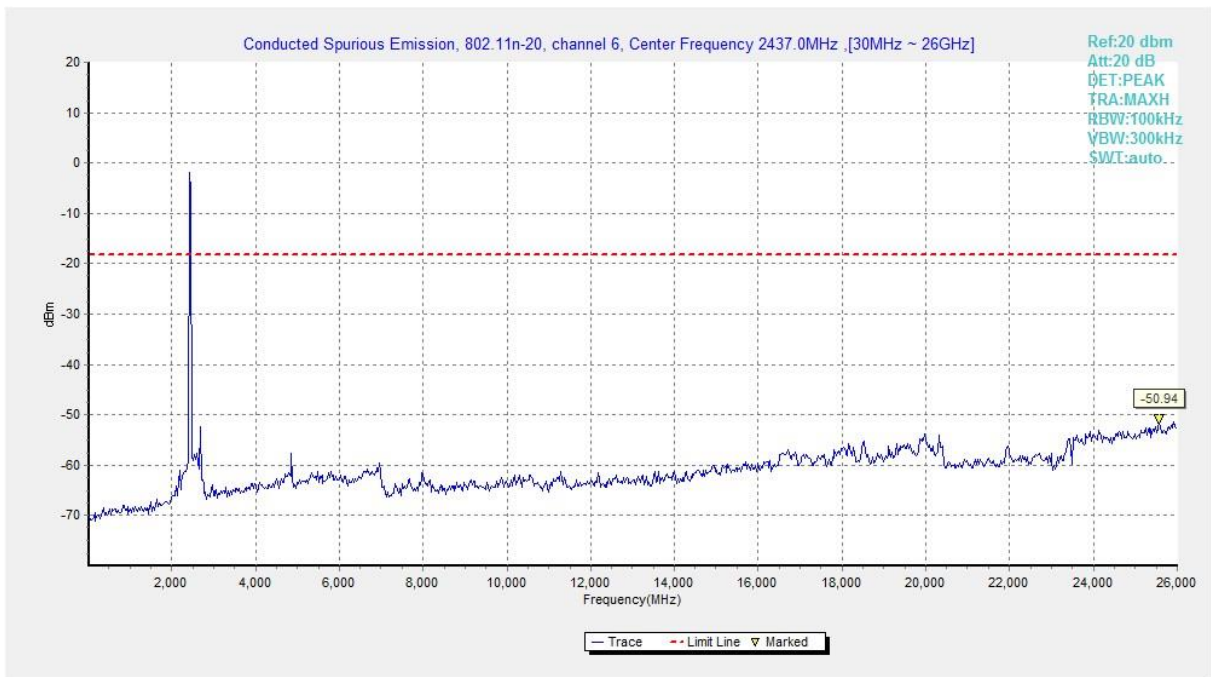
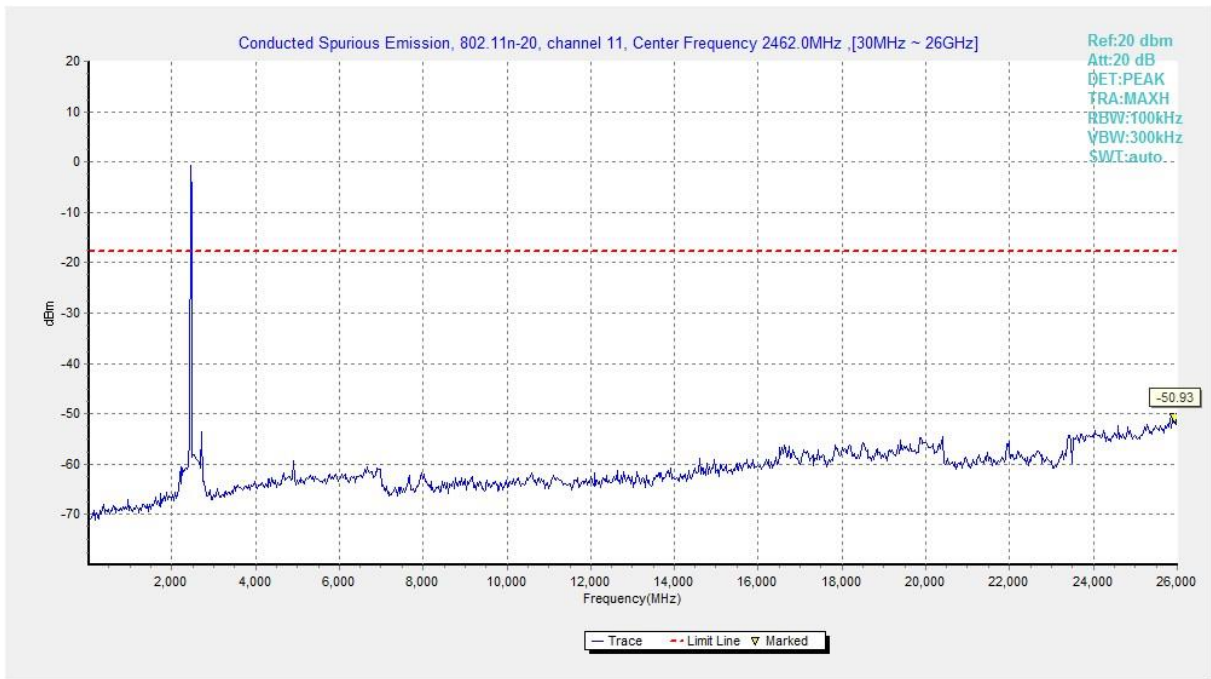


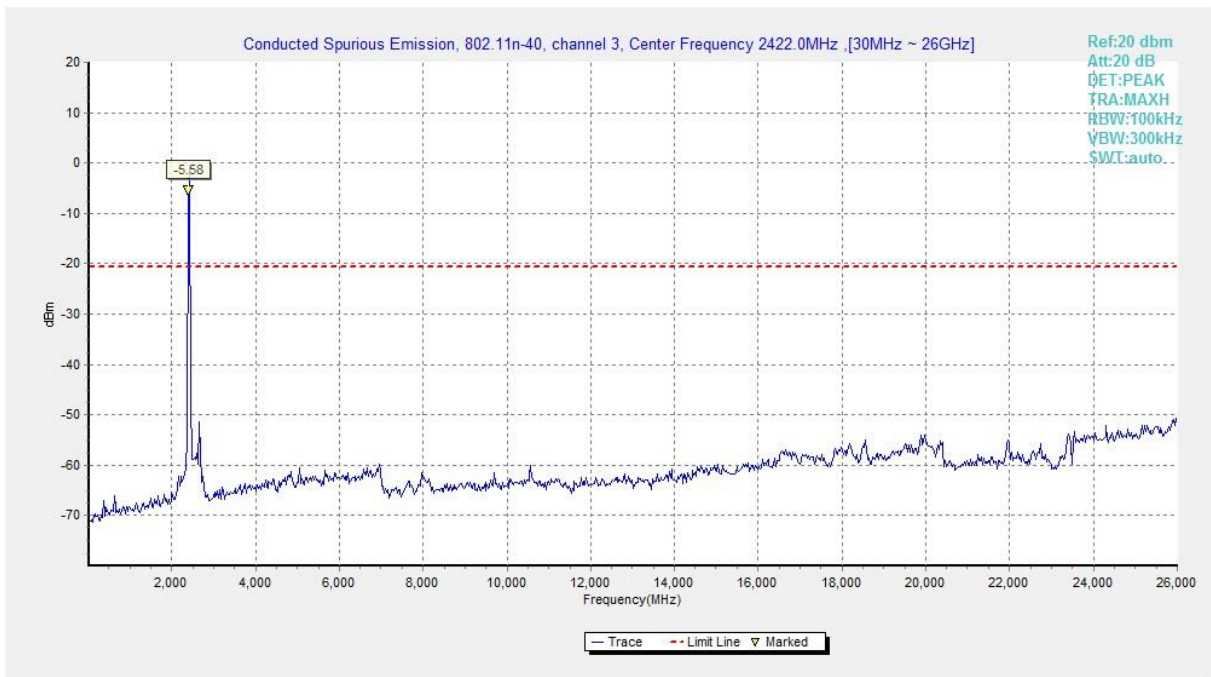
**Fig.39 Conducted Spurious Emission (802.11n HT20, CH1), SISO**



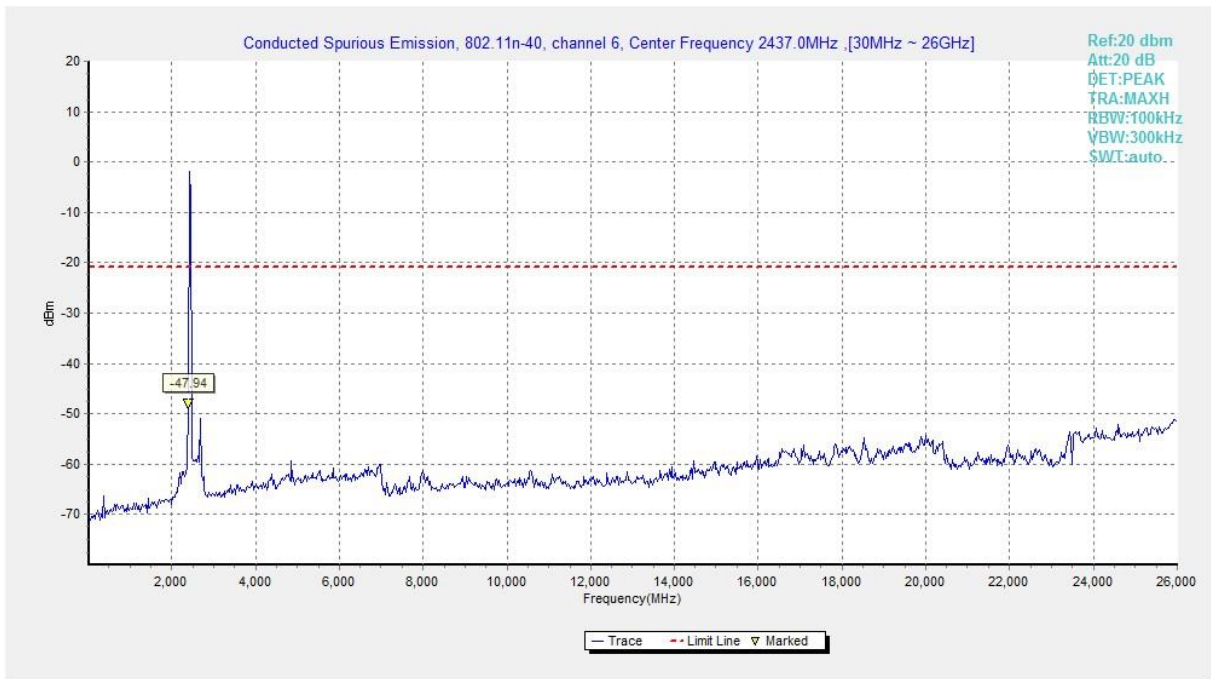
**Fig.40 Conducted Spurious Emission (802.11n HT20, CH6), SISO**



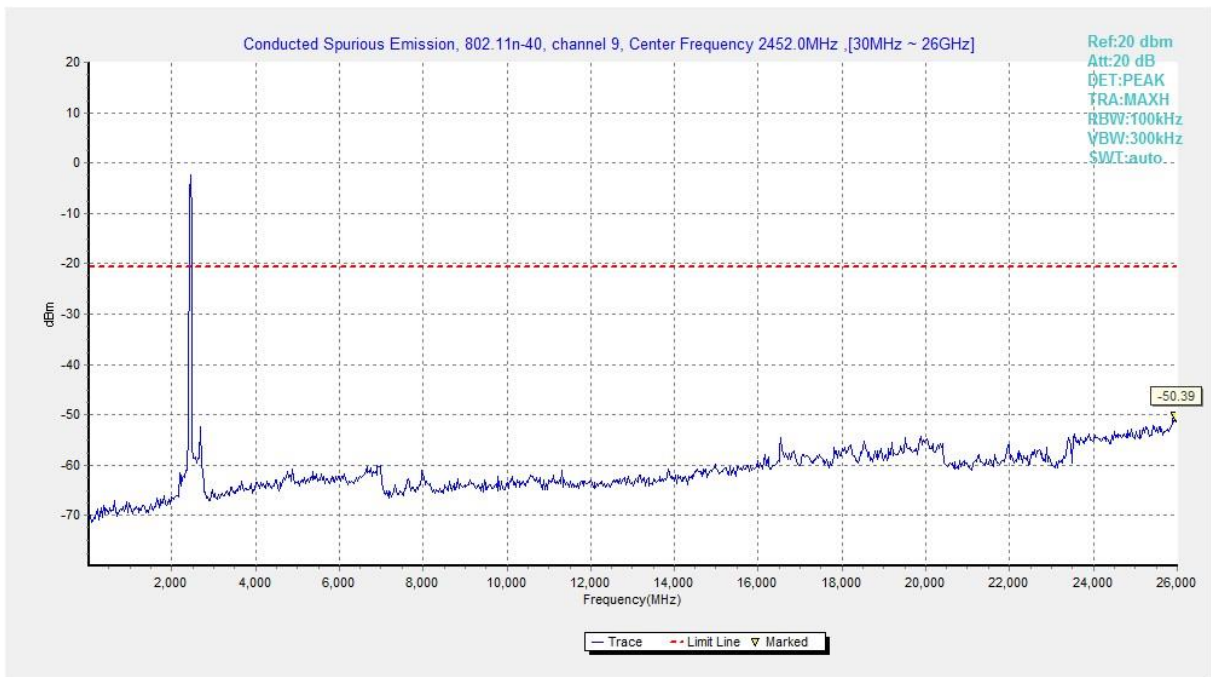
**Fig.41 Conducted Spurious Emission (802.11n HT20, CH11), SISO**



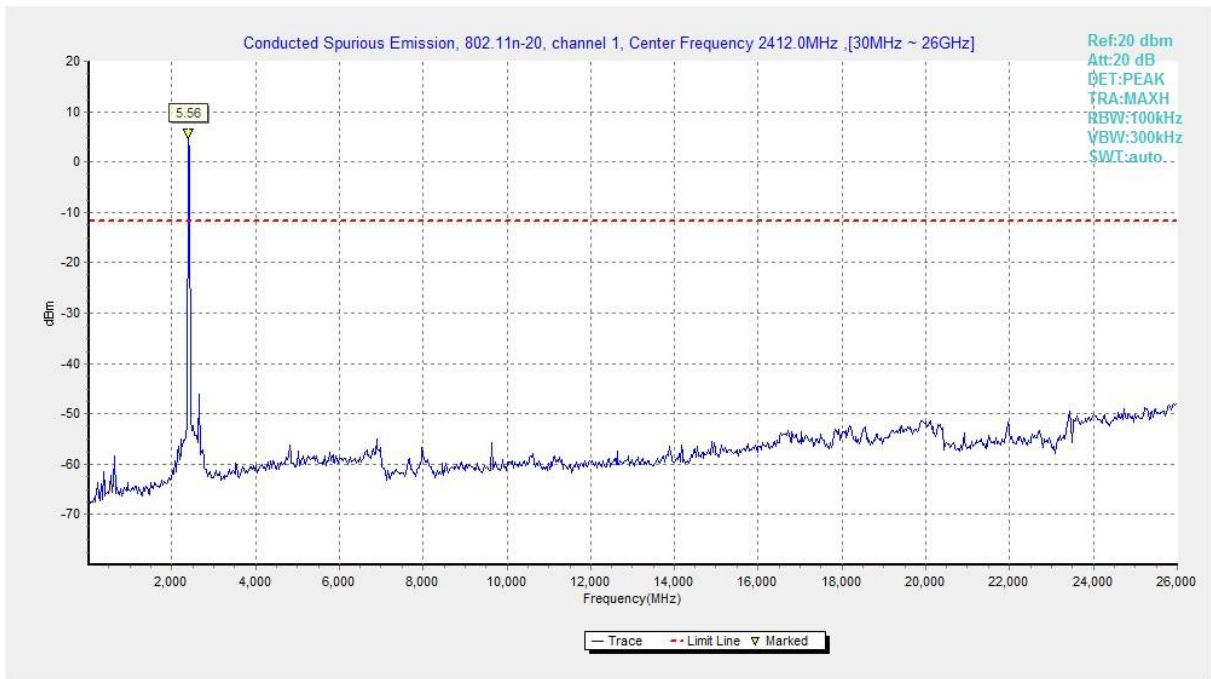
**Fig.42 Conducted Spurious Emission (802.11n HT40, CH3), SISO**



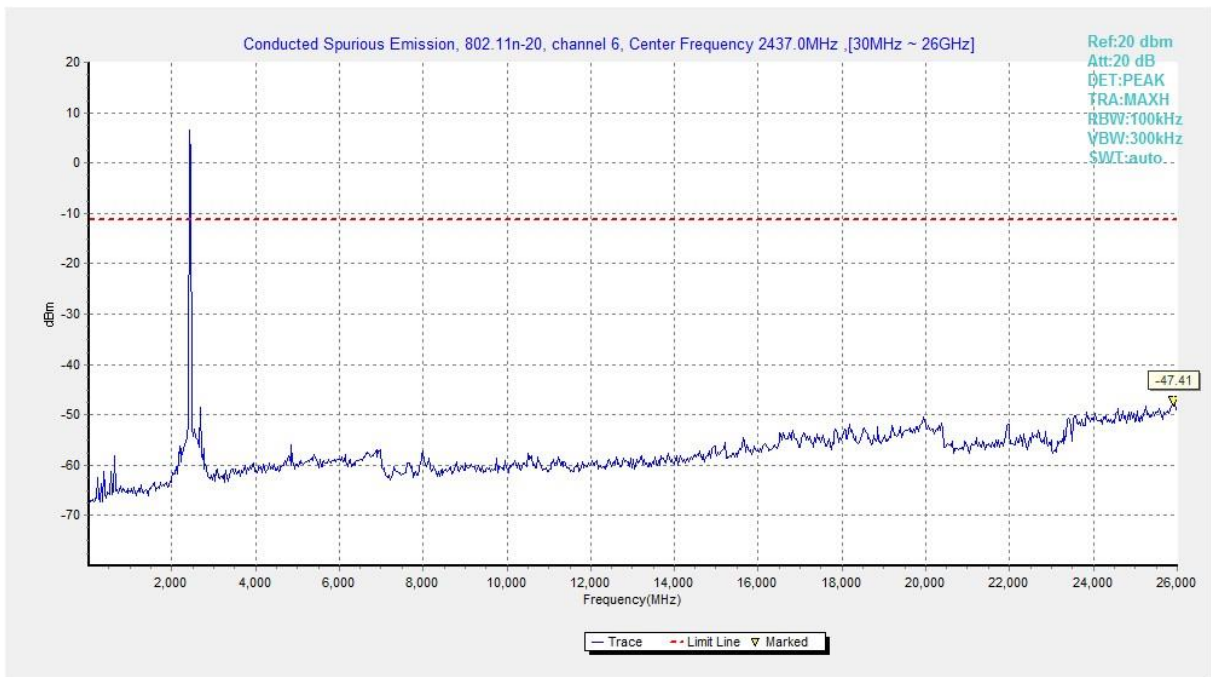
**Fig.43 Conducted Spurious Emission (802.11n HT40, CH6), SISO**



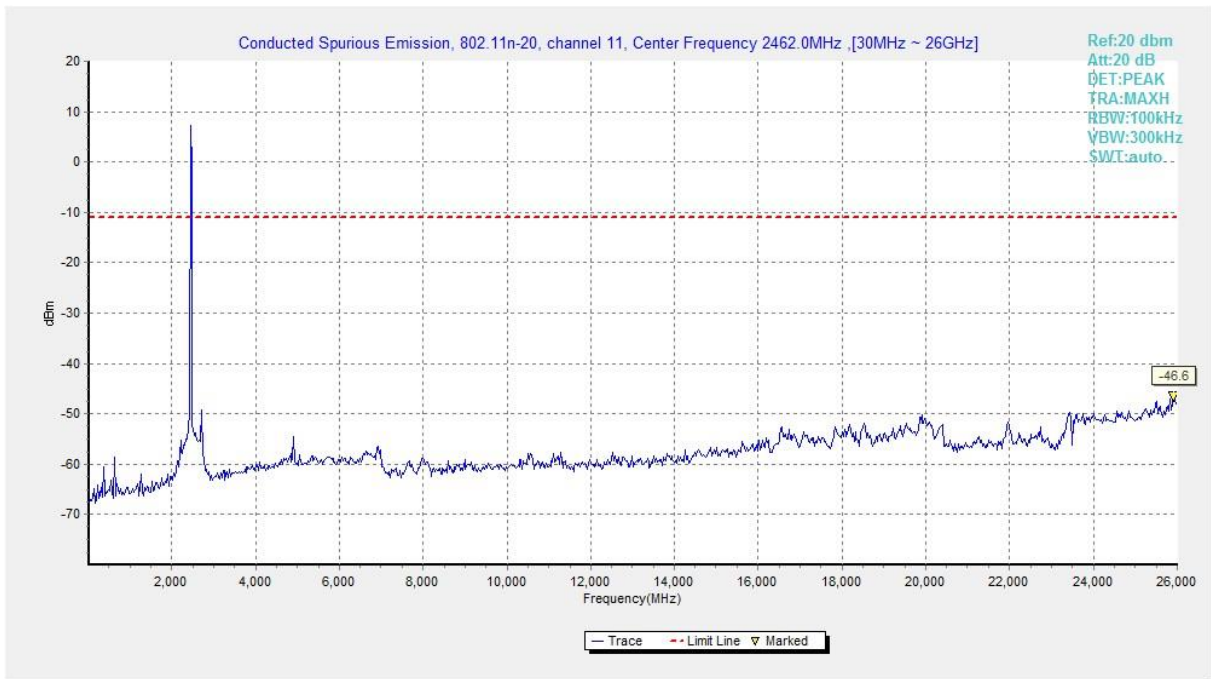
**Fig.44 Conducted Spurious Emission (802.11n HT40, CH9), SISO**



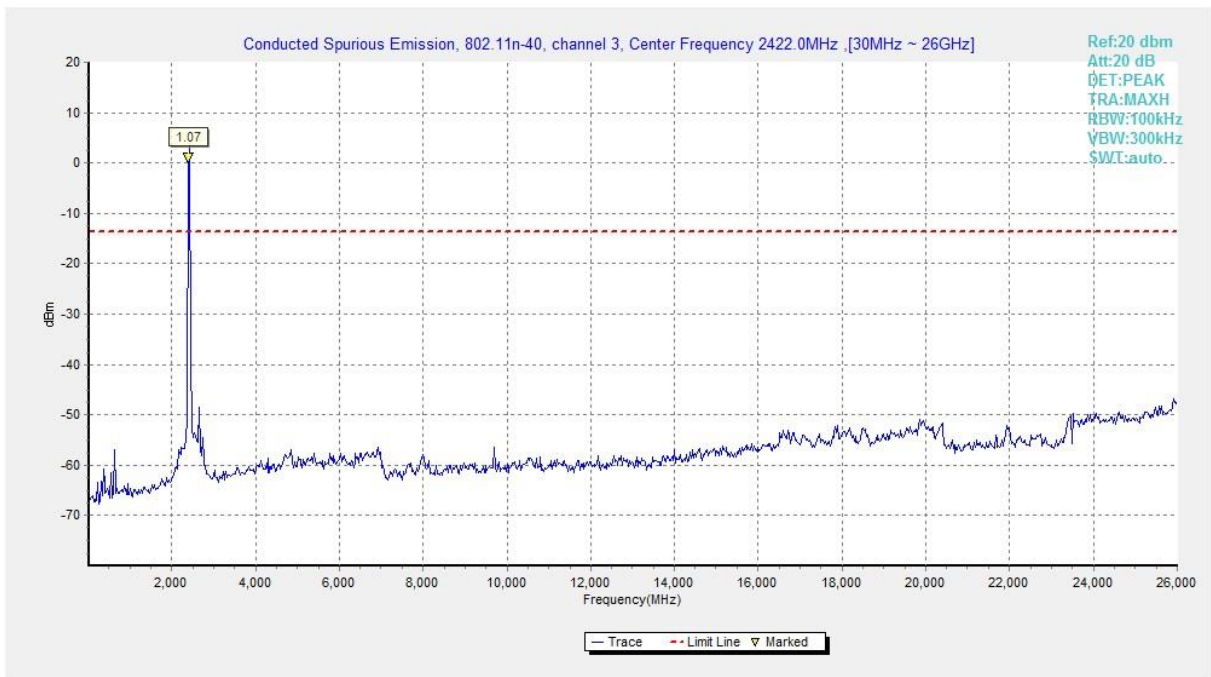
**Fig.45 Conducted Spurious Emission (802.11n HT20, CH1), MIMO**



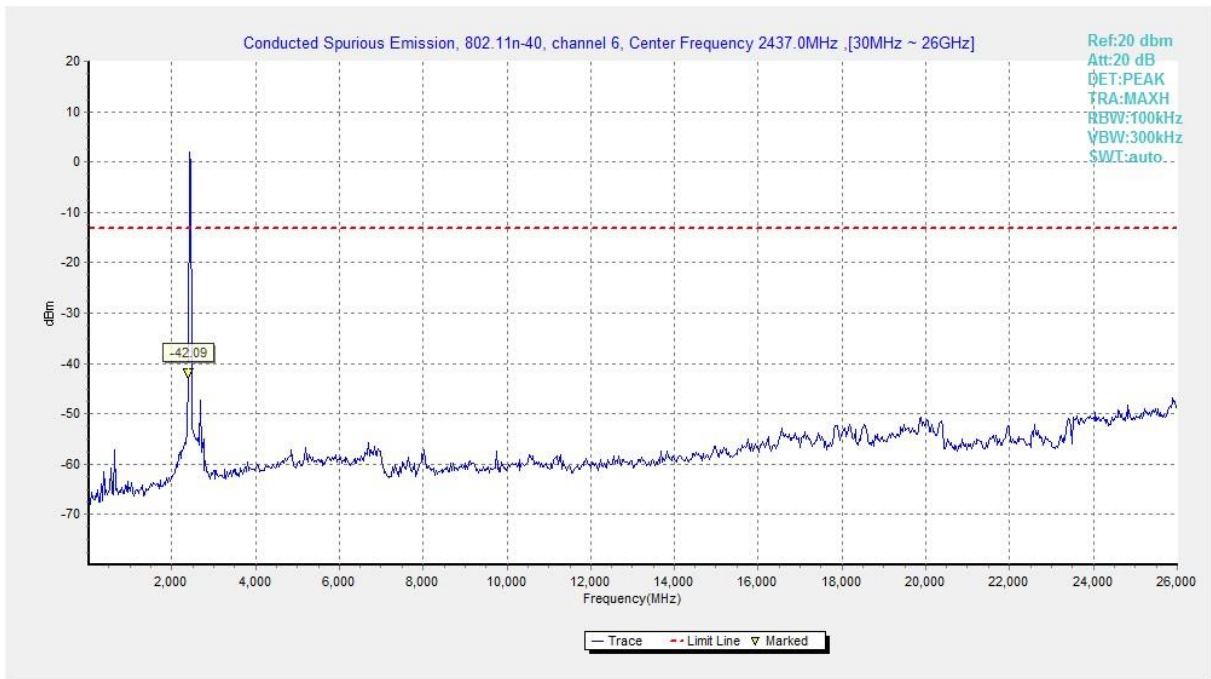
**Fig.46 Conducted Spurious Emission (802.11n HT20, CH6), MIMO**



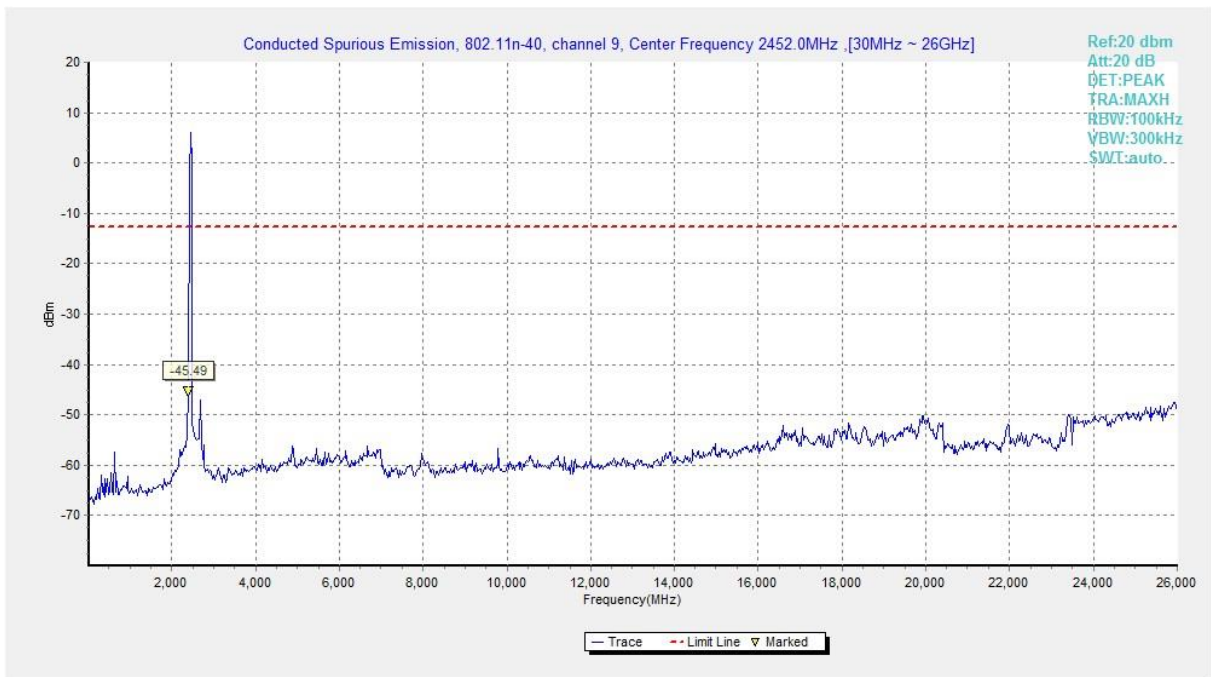
**Fig.47 Conducted Spurious Emission (802.11n HT20, CH11), MIMO**



**Fig.48 Conducted Spurious Emission (802.11n HT40, CH3), MIMO**



**Fig.49 Conducted Spurious Emission (802.11n HT40, CH6), MIMO**



**Fig.50 Conducted Spurious Emission (802.11n HT40, CH9), MIMO**

## A.7 Radiated Emission

### Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

### Limit in restricted band:

Frequency of emission (MHz)	Field strength( $\mu\text{V}/\text{m}$ )	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

### Test Condition:

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

### Note:

According to the performance evaluation, the radiated emission margin of EUT is over 20dB in the band below 30MHz. Therefore, the measurement starts from 30MHz to tenth harmonic.

The measurement results include the horizontal polarization and vertical polarization measurements.

**Measurement Results:**
**SISO:**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	CH 1	1 GHz ~3 GHz	Fig.51	P
		3 GHz ~18 GHz	Fig.52	P
	CH 6	1 GHz ~3 GHz	Fig.53	P
		3 GHz ~18 GHz	Fig.54	P
	CH 11	1 GHz ~3 GHz	Fig.55	P
		3 GHz ~18 GHz	Fig.56	P
Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.57	P	
Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.58	P	
802.11g	CH 1	1 GHz ~3 GHz	Fig.59	P
		3 GHz ~18 GHz	Fig.60	P
	CH 6	1 GHz ~3 GHz	Fig.61	P
		3 GHz ~18 GHz	Fig.62	P
	CH 11	1 GHz ~3 GHz	Fig.63	P
		3 GHz ~18 GHz	Fig.64	P
Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.65	P	
Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.66	P	
802.11n HT20	CH 1	1 GHz ~3 GHz	Fig.67	P
		3 GHz ~18 GHz	Fig.68	P
	CH 6	1 GHz ~3 GHz	Fig.69	P
		3 GHz ~18 GHz	Fig.70	P
	CH 11	1 GHz ~3 GHz	Fig.71	P
		3 GHz ~18 GHz	Fig.72	P
Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.73	P	
Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.74	P	
802.11n HT40	CH 3	1 GHz ~3 GHz	Fig.75	P
		3 GHz ~18 GHz	Fig.76	P
	CH 6	1 GHz ~3 GHz	Fig.77	P
		3 GHz ~18 GHz	Fig.78	P
	CH 9	1 GHz ~3 GHz	Fig.79	P
		3 GHz ~18 GHz	Fig.80	P
Restricted Band (CH3)	2.38 GHz ~ 2.45 GHz	Fig.81	P	
Restricted Band (CH9)	2.45 GHz ~ 2.5 GHz	Fig.82	P	
/	All Channels	9 kHz ~30 MHz	Fig.83	P
		30 MHz ~1 GHz	Fig.84	P
		18 GHz ~26.5 GHz	Fig.85	P



**MIMO:**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n HT20	CH 1	1 GHz ~3 GHz	Fig.86	<b>P</b>
		3 GHz ~18 GHz	Fig.87	<b>P</b>
	CH 6	1 GHz ~3 GHz	Fig.88	<b>P</b>
		3 GHz ~18 GHz	Fig.89	<b>P</b>
	CH 11	1 GHz ~3 GHz	Fig.90	<b>P</b>
		3 GHz ~18 GHz	Fig.91	<b>P</b>
Restricted Band (CH1)	2.38 GHz ~ 2.45 GHz	Fig.92	<b>P</b>	
Restricted Band (CH11)	2.45 GHz ~ 2.5 GHz	Fig.93	<b>P</b>	
802.11n HT40	CH 3	1 GHz ~3 GHz	Fig.94	<b>P</b>
		3 GHz ~18 GHz	Fig.95	<b>P</b>
	CH 6	1 GHz ~3 GHz	Fig.96	<b>P</b>
		3 GHz ~18 GHz	Fig.97	<b>P</b>
	CH 9	1 GHz ~3 GHz	Fig.98	<b>P</b>
		3 GHz ~18 GHz	Fig.99	<b>P</b>
Restricted Band (CH3)	2.38 GHz ~ 2.45 GHz	Fig.100	<b>P</b>	
Restricted Band (CH9)	2.45 GHz ~ 2.5 GHz	Fig.101	<b>P</b>	
/	All Channels	9 kHz ~30 MHz	Fig.102	<b>P</b>
		30 MHz ~1 GHz	Fig.103	<b>P</b>
		18 GHz ~26.5 GHz	Fig.104	<b>P</b>

**Worst-Case Result:**
**SISO:**
**802.11b CH11 (1-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
4923.50	44.49	---	74.00	29.51	V	-0.8
7766.50	47.35	---	74.00	26.65	V	1.9
9848.00	51.18	---	74.00	22.82	V	4.5
11650.00	48.04	---	74.00	25.96	V	6.9
14387.50	48.52	---	74.00	25.48	V	10.8
17093.00	51.13	---	74.00	22.87	H	15.0
4924.00	---	39.14	54.00	14.86	V	-0.8
7766.50	---	44.61	54.00	9.39	V	1.9
9848.00	---	49.45	54.00	4.55	V	4.5
11650.00	---	44.52	54.00	9.48	V	6.9
14500.00	---	39.17	54.00	14.83	H	11.5
16910.00	---	41.92	54.00	12.08	V	15.1

**802.11g CH11 (1GHz-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
7767.00	47.45	---	74.00	26.55	V	1.9
9848.00	49.94	---	74.00	24.06	V	4.5
11650.00	48.48	---	74.00	25.52	V	6.9
14459.50	49.04	---	74.00	24.96	V	11.2
16392.50	51.18	---	74.00	22.82	V	14.0
17906.50	52.31	---	74.00	21.69	V	16.3
7766.50	---	44.81	54.00	9.19	V	1.9
9848.00	---	47.47	54.00	6.53	V	4.5
11650.00	---	44.50	54.00	9.50	V	6.9
14464.50	---	39.56	54.00	14.44	V	11.2
16698.50	---	41.63	54.00	12.37	V	14.9
17918.50	---	42.02	54.00	11.98	H	16.2

**802.11n HT20 CH11 (1GHz-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
7766.50	47.59	---	74.00	26.41	V	1.9
9848.00	51.02	---	74.00	22.98	V	4.5
11650.00	47.86	---	74.00	26.14	V	6.9
14507.00	49.26	---	74.00	24.74	V	11.5
16931.00	51.59	---	74.00	22.41	H	14.9
17906.50	51.47	---	74.00	22.53	H	16.3
7766.50	---	44.16	54.00	9.84	V	1.9
9848.00	---	48.73	54.00	5.27	V	4.5
11650.00	---	44.62	54.00	9.38	V	6.9
14455.50	---	39.12	54.00	14.88	V	11.2
16725.50	---	41.61	54.00	12.39	H	14.9
17906.50	---	42.09	54.00	11.91	H	16.3

**802.11n HT40 CH9 (1GHz-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
7766.50	48.64	---	74.00	25.36	V	1.9
9808.00	48.88	---	74.00	25.12	V	4.3
11650.00	49.53	---	74.00	24.47	V	6.9
14461.00	49.79	---	74.00	24.21	H	11.2
16131.00	50.32	---	74.00	23.68	H	14.1
17900.50	51.10	---	74.00	22.90	V	16.3
7766.50	---	45.89	54.00	8.11	V	1.9
9808.00	---	46.95	54.00	7.05	V	4.3
11650.00	---	44.23	54.00	9.77	V	6.9
14505.50	---	39.32	54.00	14.68	V	11.5
16548.00	---	40.95	54.00	13.05	V	14.7
17953.00	---	42.23	54.00	11.77	H	16.1

**MIMO:**
**802.11n HT20 CH11 (1GHz-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
4925.50	54.17	---	74.00	19.83	V	-0.8
9848.00	53.15	---	74.00	20.85	V	4.5
12310.00	49.38	---	74.00	24.62	V	7.1
14505.50	49.75	---	74.00	24.25	V	11.5
16580.50	51.09	---	74.00	22.91	H	14.8
17940.00	51.45	---	74.00	22.55	V	16.0
4925.50	---	45.43	54.00	8.57	V	-0.8
6906.50	---	41.06	54.00	12.94	H	1.5
9848.00	---	50.57	54.00	3.43	V	4.5
14502.50	---	39.33	54.00	14.67	V	11.5
16772.50	---	41.23	54.00	12.77	V	14.8
17958.50	---	42.19	54.00	11.81	V	16.1

**802.11n HT40 CH9 (1GHz-18GHz)**

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Corr. (dB)
4907.50	50.54	---	74.00	23.46	V	-0.8
7766.50	47.53	---	74.00	26.47	V	1.9
9808.00	54.17	---	74.00	19.83	V	4.3
11650.00	48.37	---	74.00	25.63	V	6.9
16737.50	51.72	---	74.00	22.28	H	14.9
17865.50	51.57	---	74.00	22.43	H	16.2
4906.00	---	41.36	54.00	12.64	V	-0.8
7766.50	---	44.48	54.00	9.52	V	1.9
9808.00	---	51.77	54.00	2.23	V	4.3
11650.00	---	45.02	54.00	8.98	V	6.9
16750.50	---	41.62	54.00	12.38	H	14.9
17957.50	---	42.18	54.00	11.82	H	16.1

**Note:**

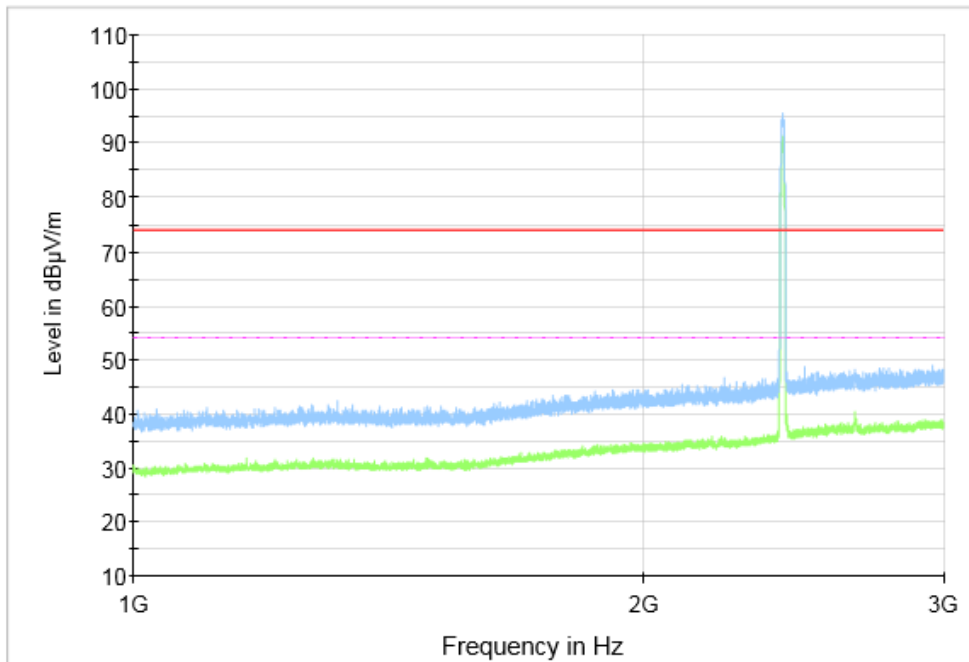
A "reference path loss" is established and the  $A_{Rpl}$  is the attenuation of "reference path loss", and Antenna Factor, the gain of the preamplifier, the cable loss.  $P_{Mea}$  is the field strength recorded from the instrument. The measurement results are obtained as described below:

Result=  $P_{Mea}$  +Cable Loss +Antenna Factor-Gain of the preamplifier.

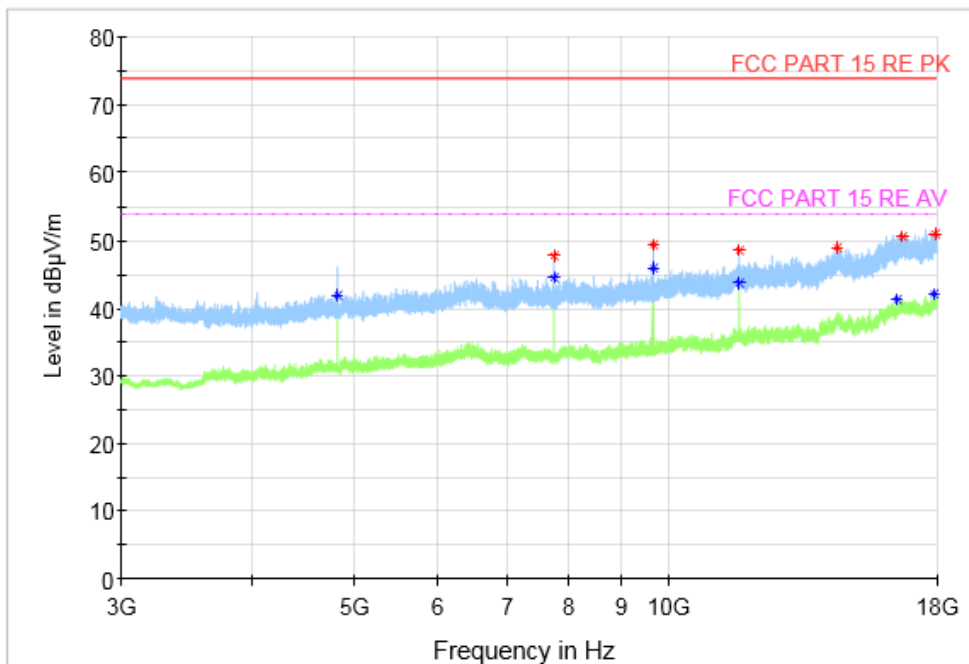
**See below for test graphs.**

**Conclusion: PASS**

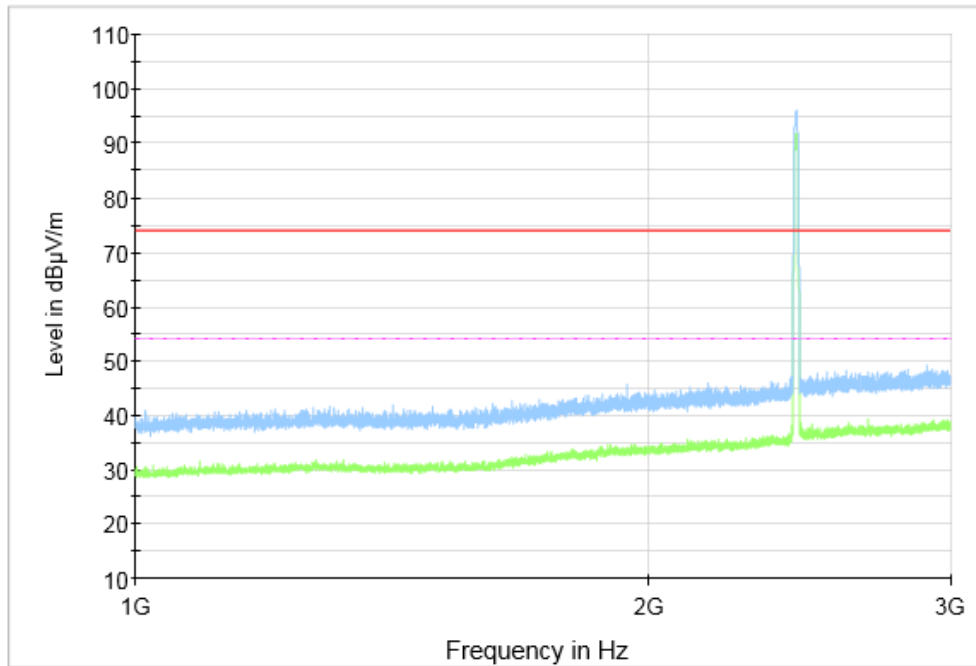
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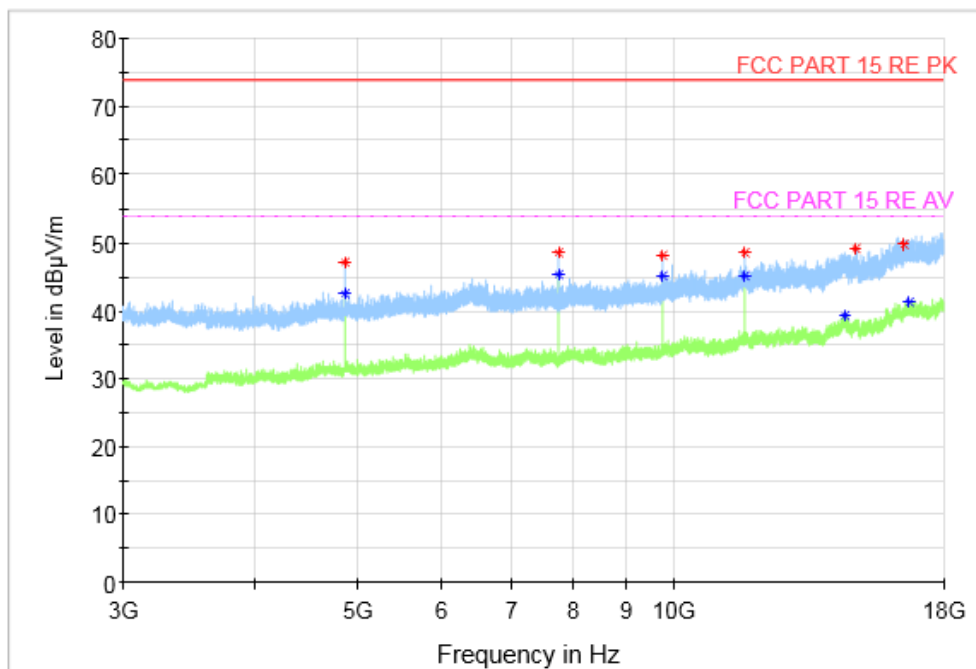
**Fig.51 Radiated Spurious Emission (802.11b, CH1, 1 GHz-3GHz), SISO**



**Fig.52 Radiated Spurious Emission (802.11b, CH1, 3 GHz-18GHz), SISO**



**Fig.53 Radiated Spurious Emission (802.11b, CH6, 1 GHz-3GHz), SISO**



**Fig.54 Radiated Spurious Emission (802.11b, CH6, 3 GHz-18GHz), SISO**

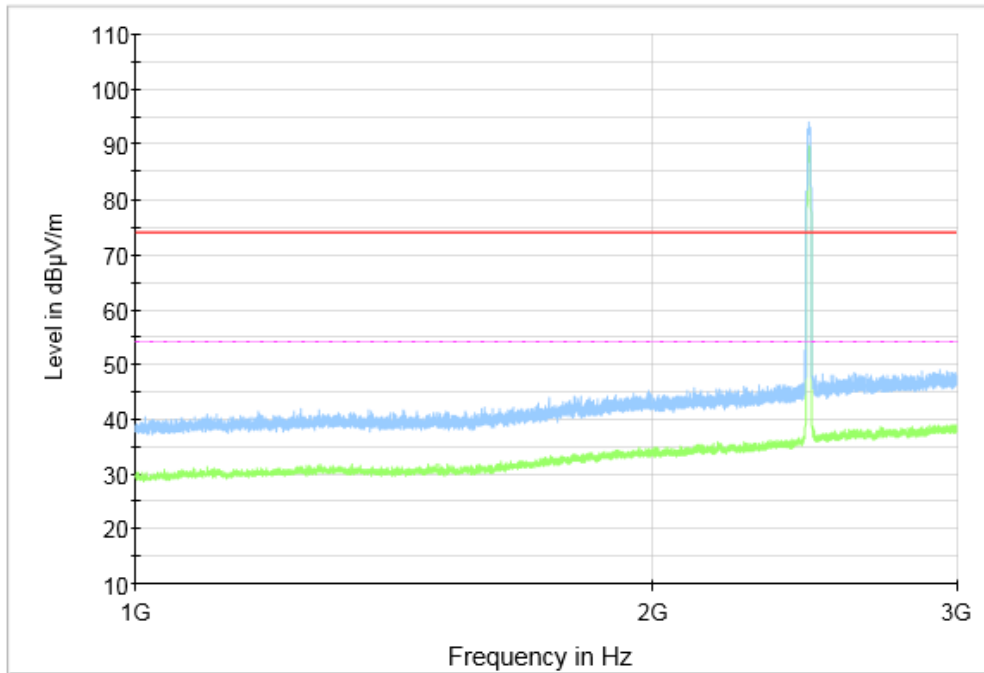


Fig.55 Radiated Spurious Emission (802.11b, CH11, 1 GHz-3GHz), SISO

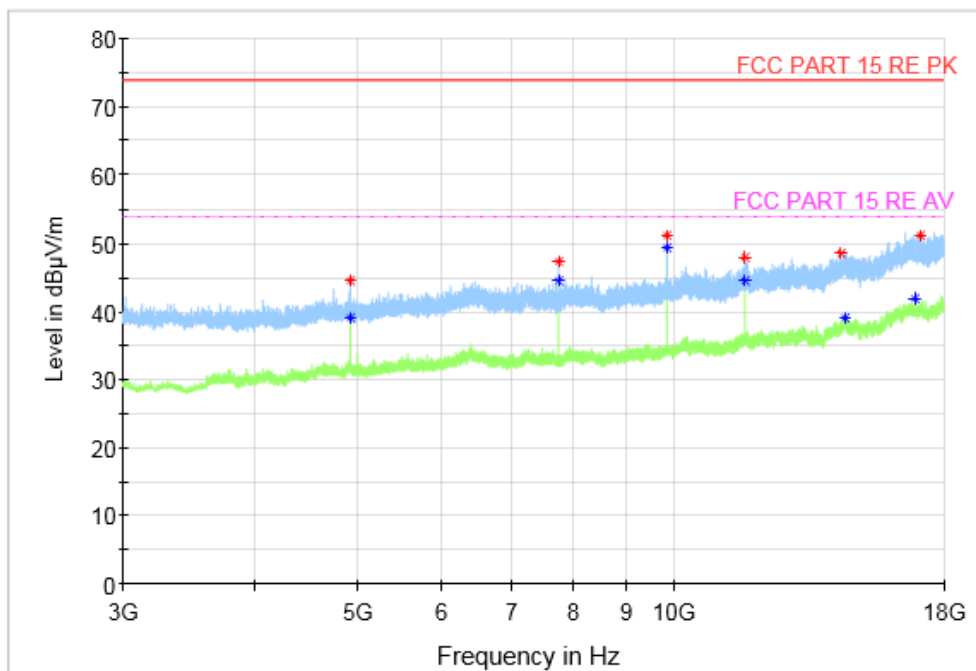
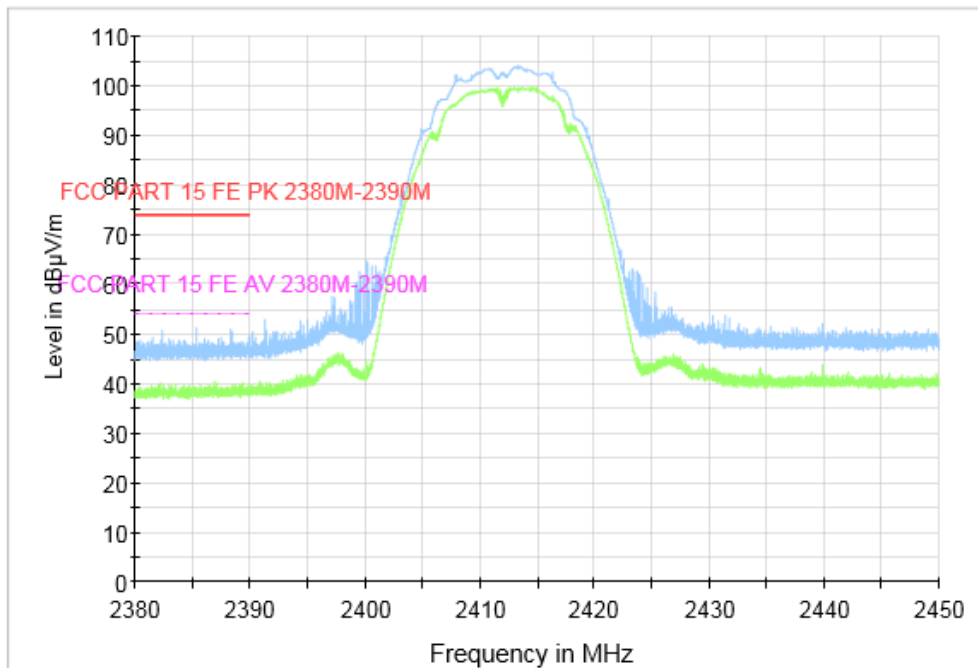
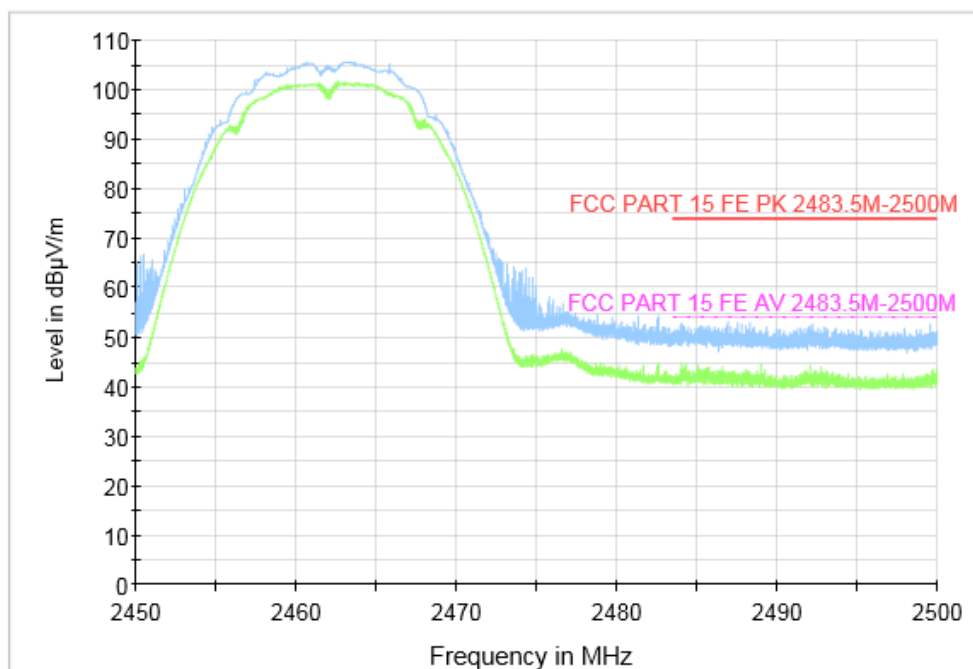


Fig.56 Radiated Spurious Emission (802.11b, CH11, 3 GHz-18GHz), SISO

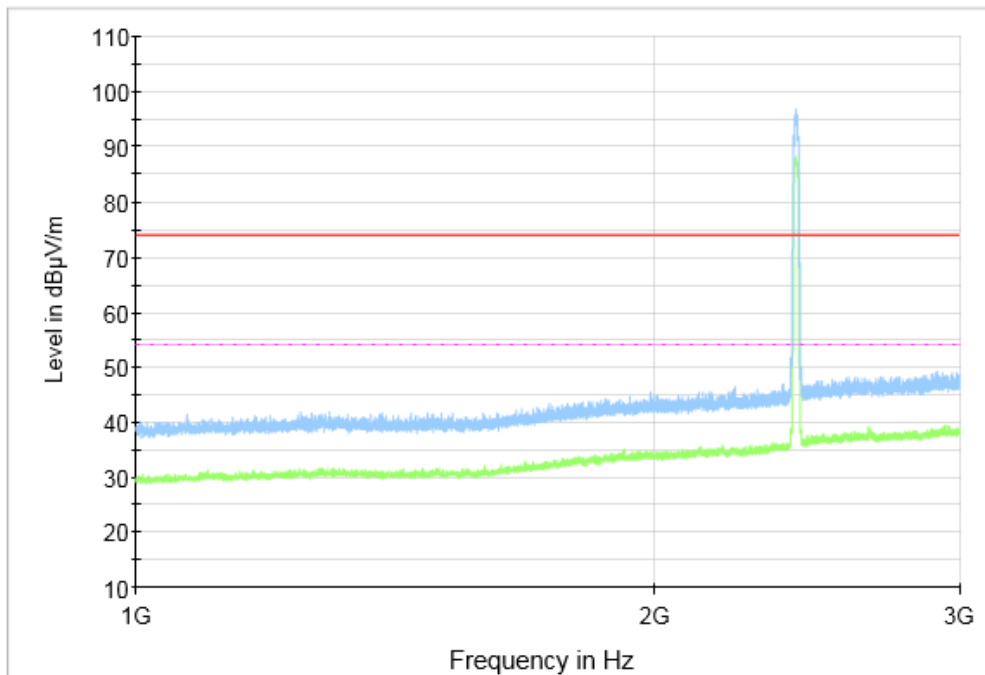


**Fig.57 Radiated Restricted Band (802.11b, CH1, 2.38GHz~2.45GHz), SISO**

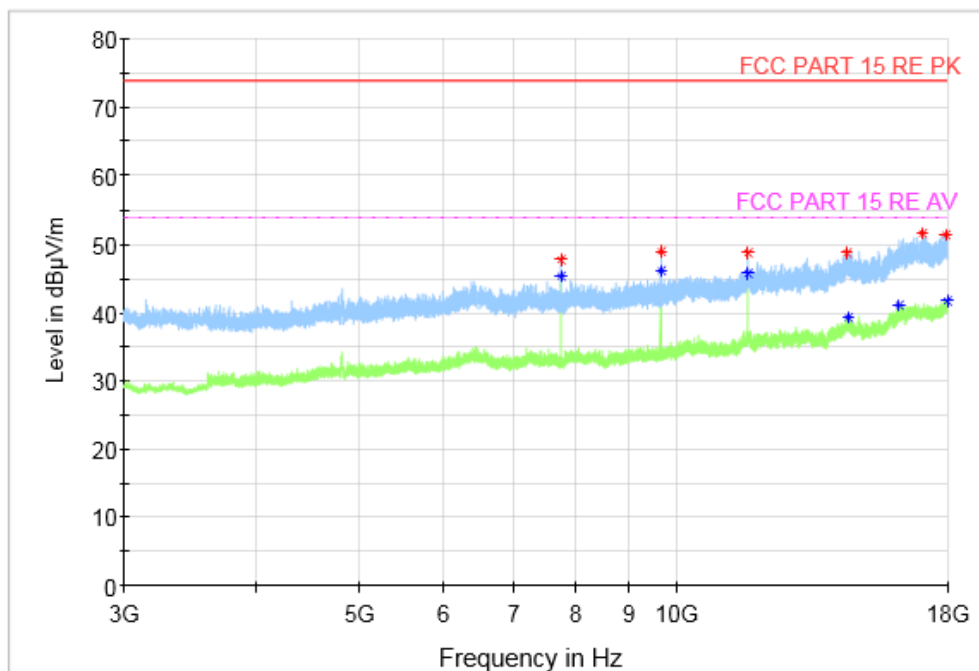


**Fig.58 Radiated Restricted Band (802.11b, CH11, 2.45GHz~2.5GHz), SISO**

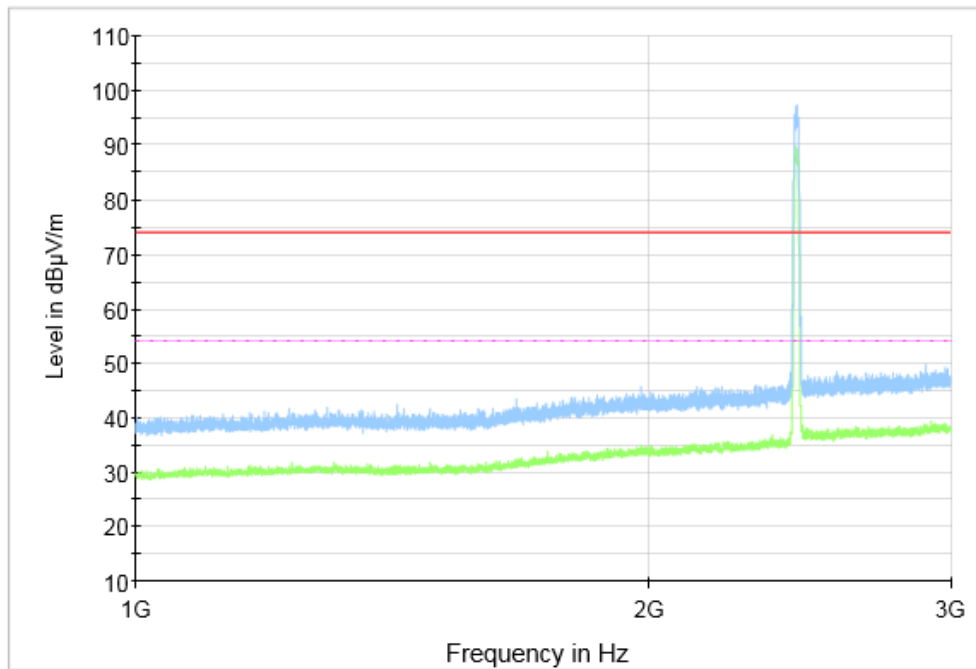




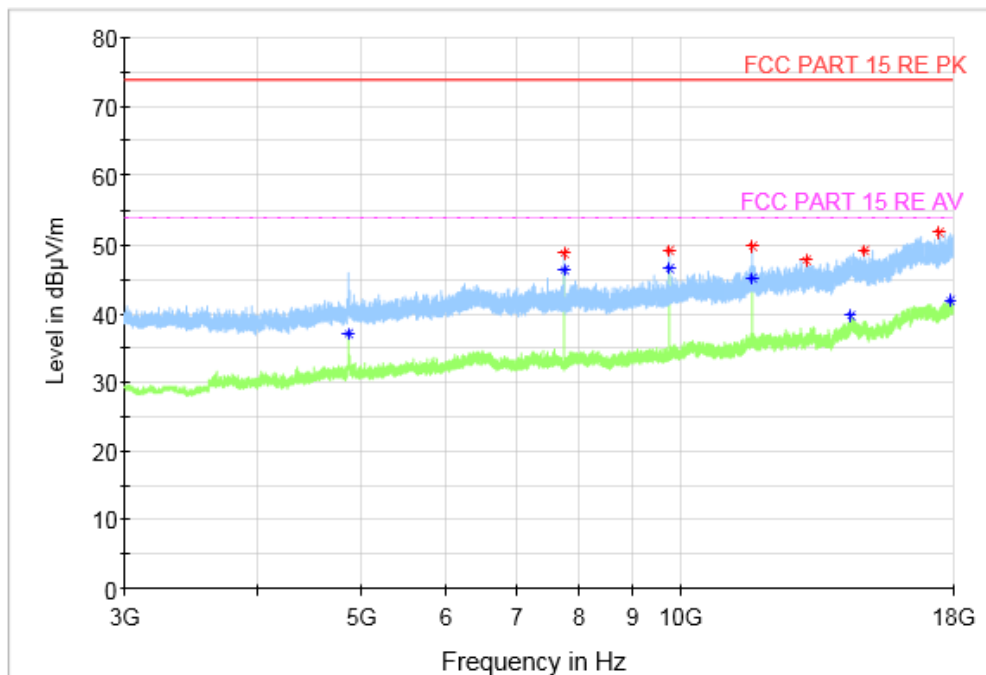
**Fig.59 Radiated Spurious Emission (802.11g, CH1, 1 GHz-3 GHz), SISO**



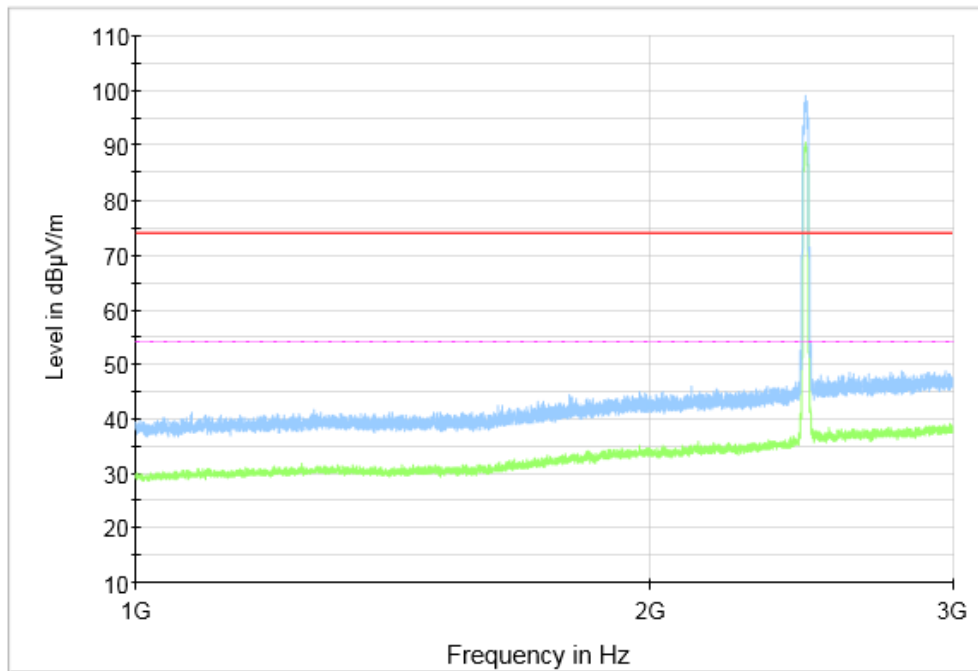
**Fig.60 Radiated Spurious Emission (802.11g, CH1, 3 GHz-18 GHz), SISO**



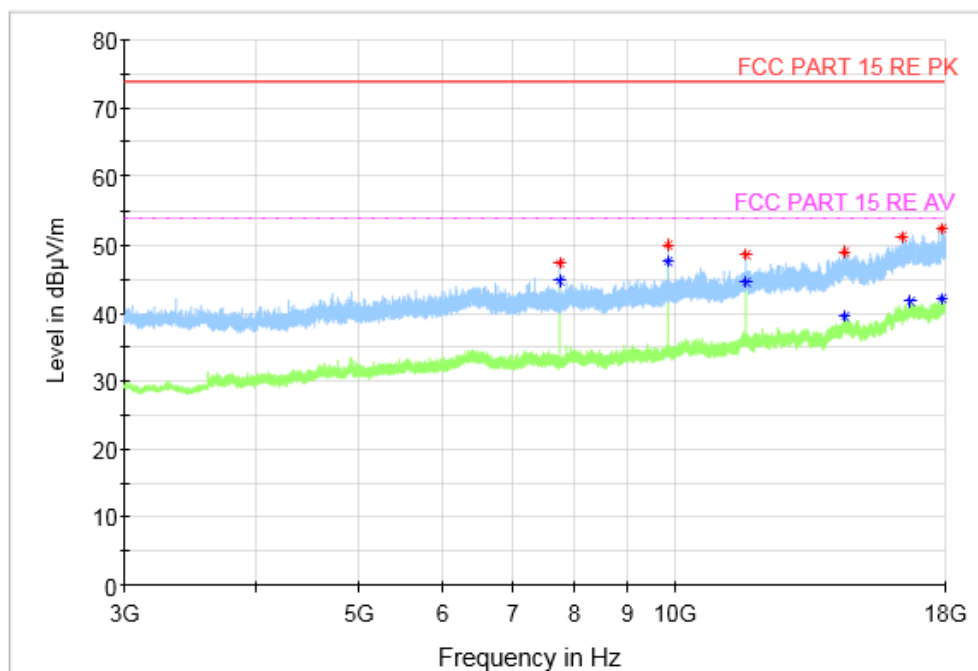
**Fig.61 Radiated Spurious Emission (802.11g, CH6, 1 GHz-3 GHz), SISO**



**Fig.62 Radiated Spurious Emission (802.11g, CH6, 3 GHz-18 GHz), SISO**



**Fig.63 Radiated Spurious Emission (802.11g, CH11, 1 GHz-3 GHz), SISO**



**Fig.64 Radiated Spurious Emission (802.11g, CH11, 3 GHz-18 GHz), SISO**

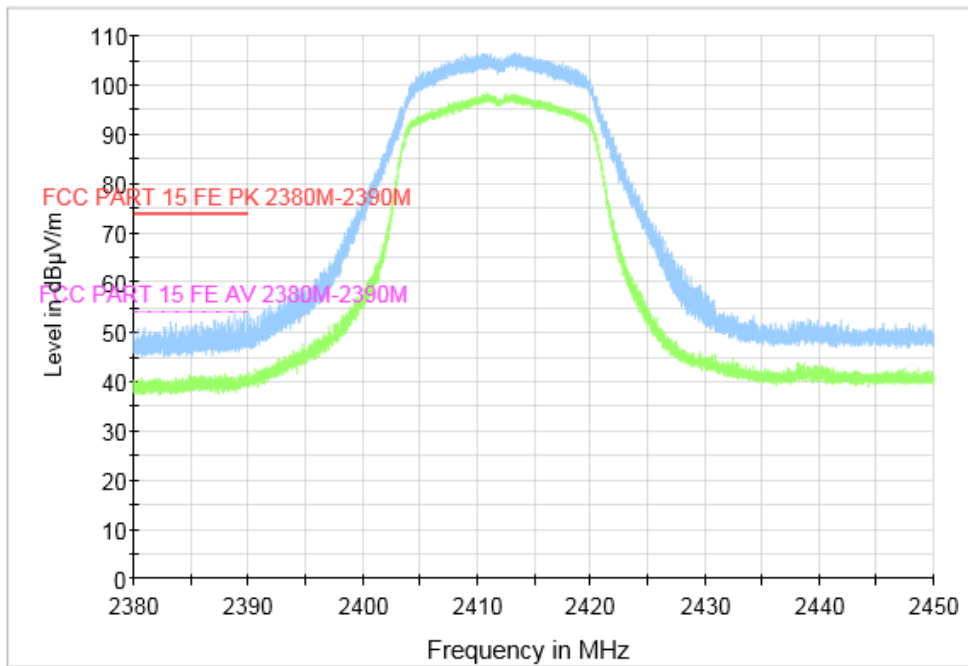


Fig.65 Radiated Restricted Band (802.11g, CH1, 2.38GHz~2.45GHz), SISO

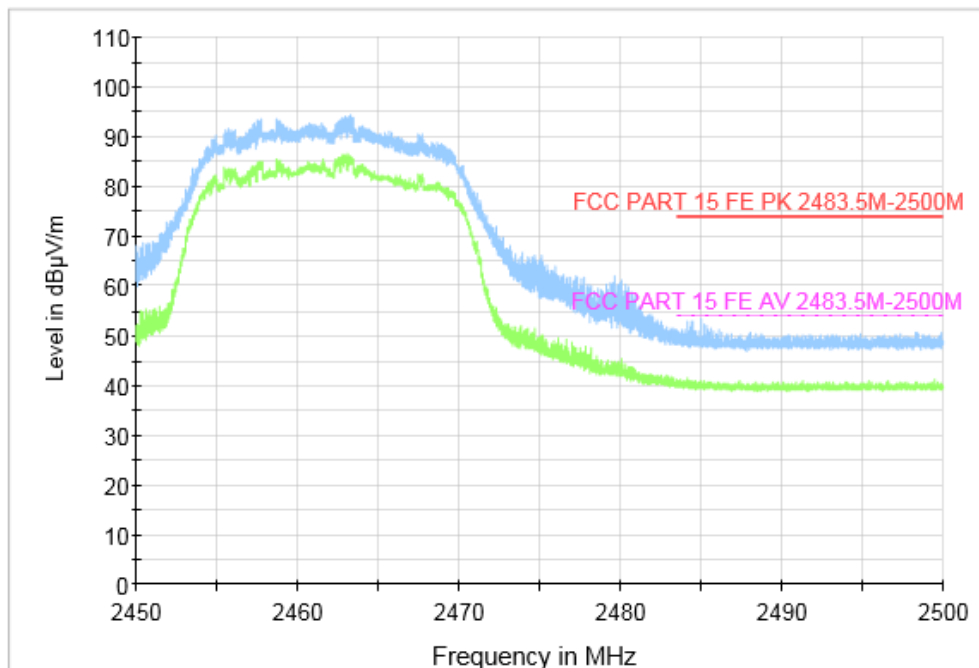
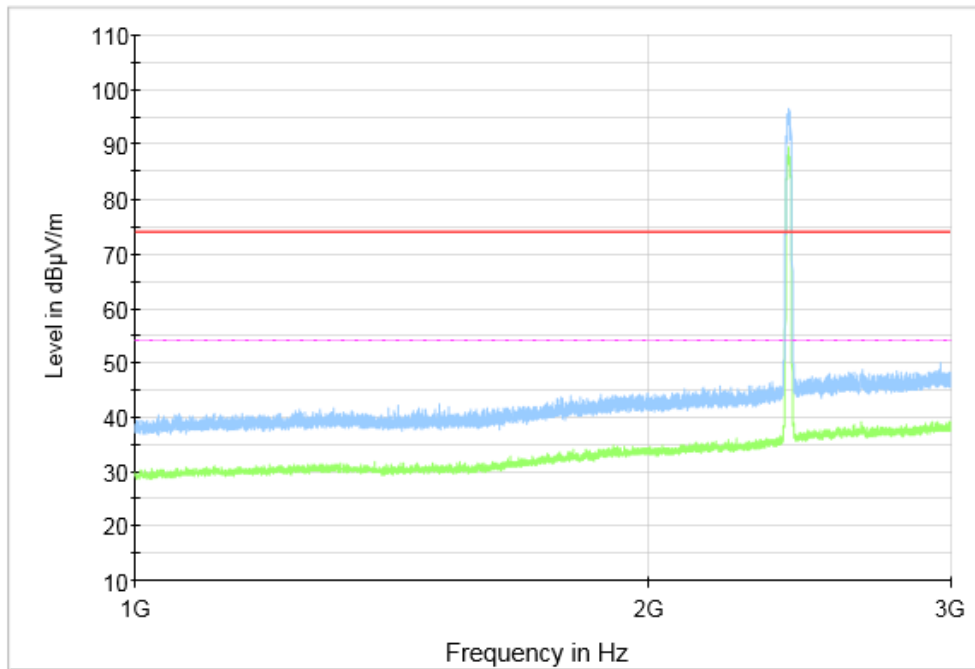
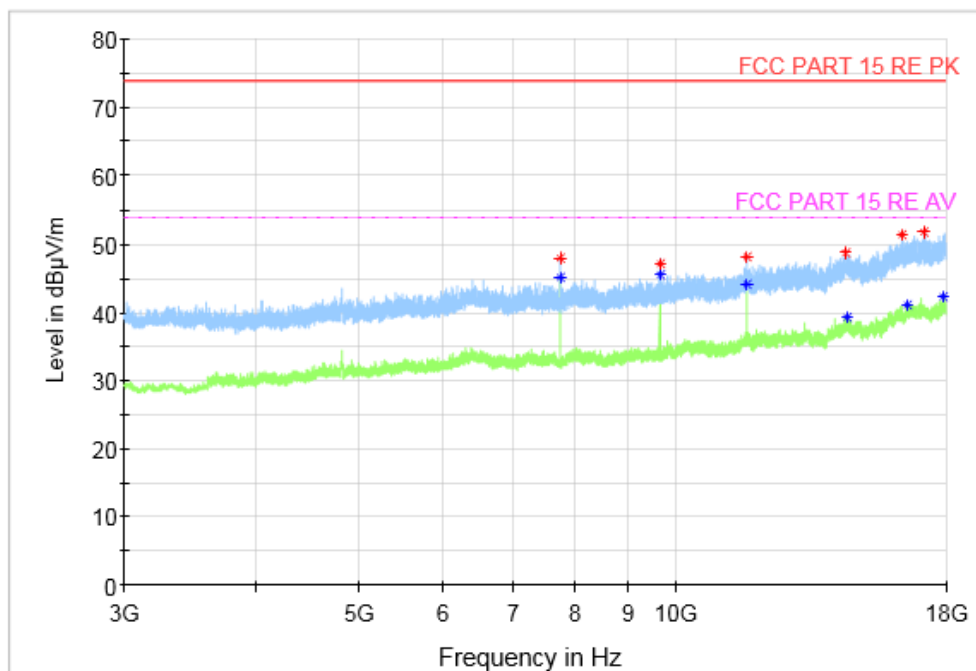


Fig.66 Radiated Restricted Band (802.11g, CH11, 2.45GHz~2.5GHz), SISO



**Fig.67 Radiated Spurious Emission (802.11n HT20, CH1, 1 GHz-3 GHz), SISO**



**Fig.68 Radiated Spurious Emission (802.11n HT20, CH1, 3 GHz-18 GHz), SISO**

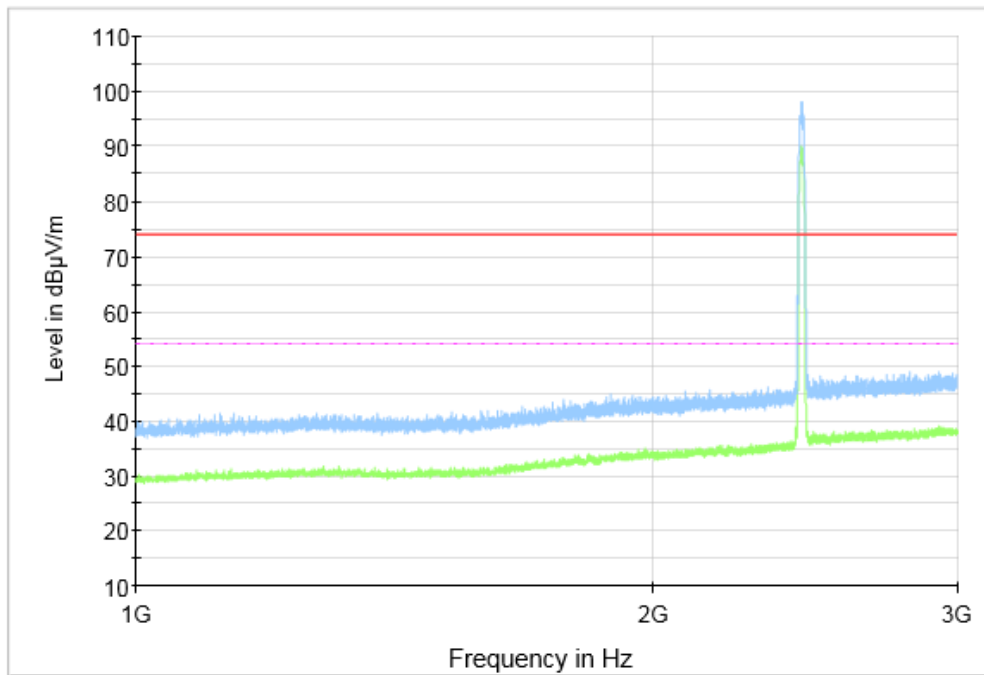


Fig.69 Radiated Spurious Emission (802.11n HT20, CH6, 1 GHz-3 GHz), SISO

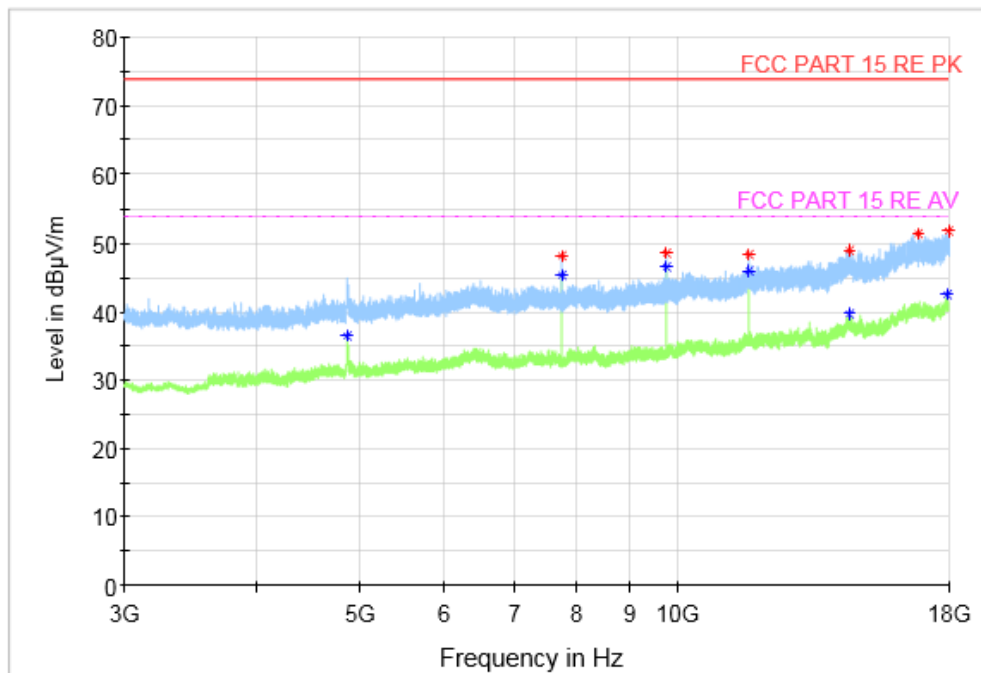
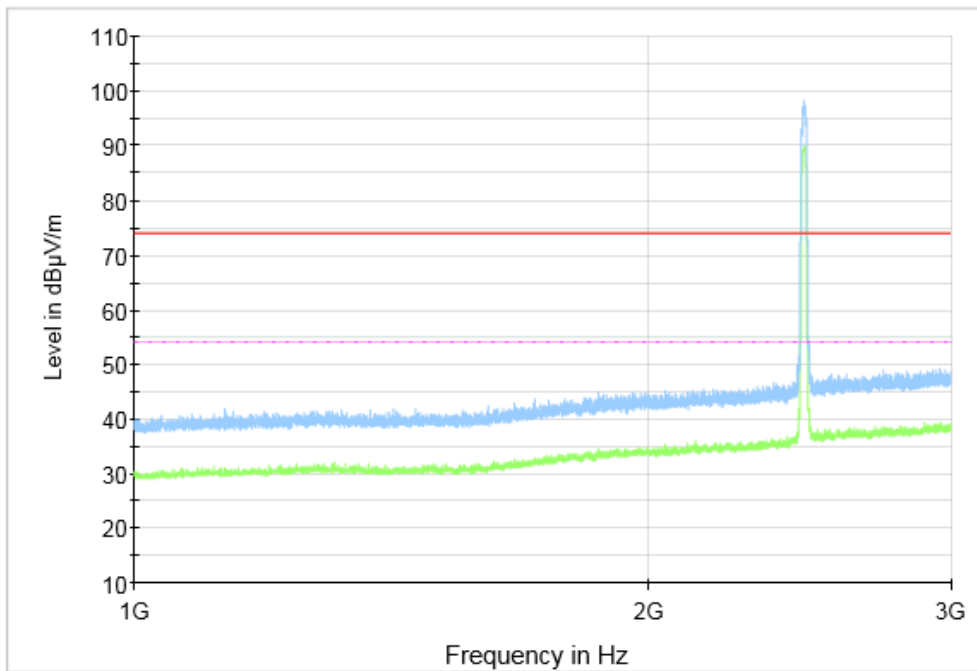
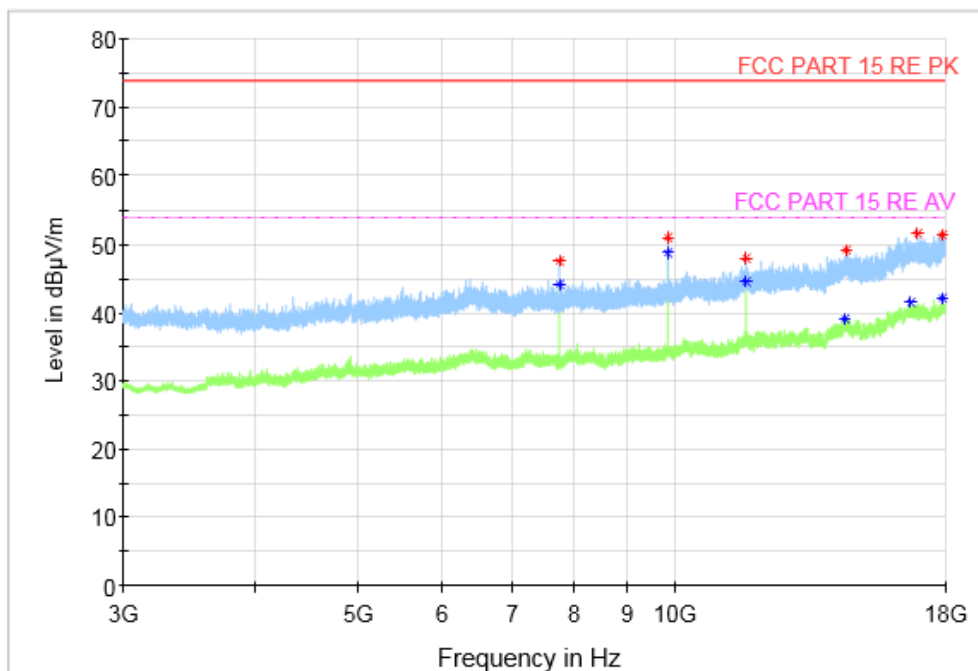


Fig.70 Radiated Spurious Emission (802.11n HT20, CH6, 3 GHz-18 GHz), SISO



**Fig.71 Radiated Spurious Emission (802.11n HT20, CH11, 1 GHz-3 GHz), SISO**



**Fig.72 Radiated Spurious Emission (802.11n HT20, CH11, 3 GHz-18 GHz), SISO**

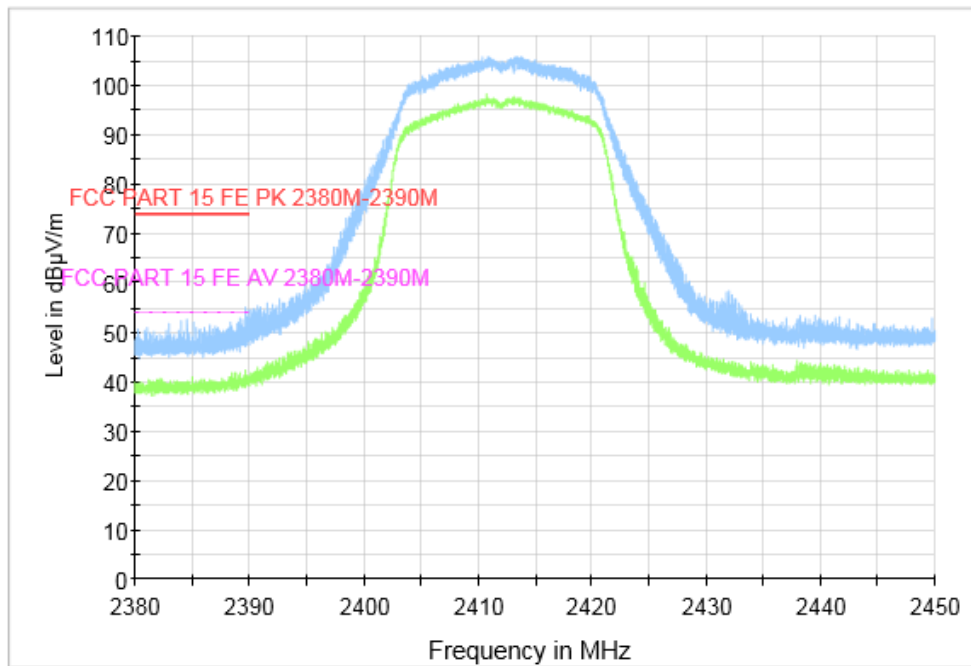


Fig.73 Radiated Restricted Band (802.11n HT20, CH1, 2.38GHz~2.45GHz), SISO

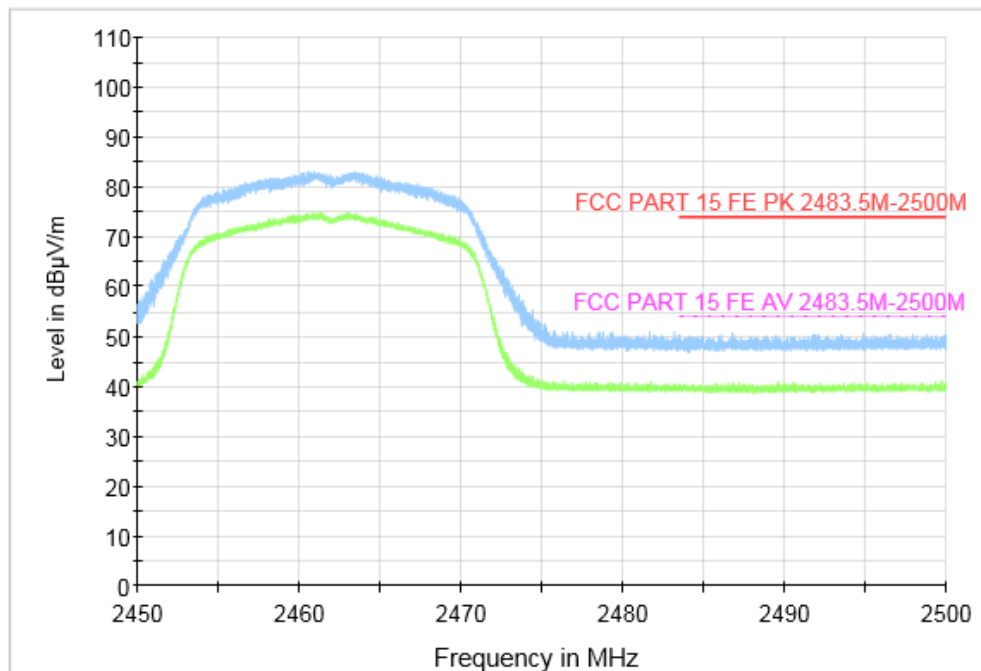


Fig.74 Radiated Restricted Band (802.11n HT20, CH11, 2.45GHz~2.5GHz), SISO



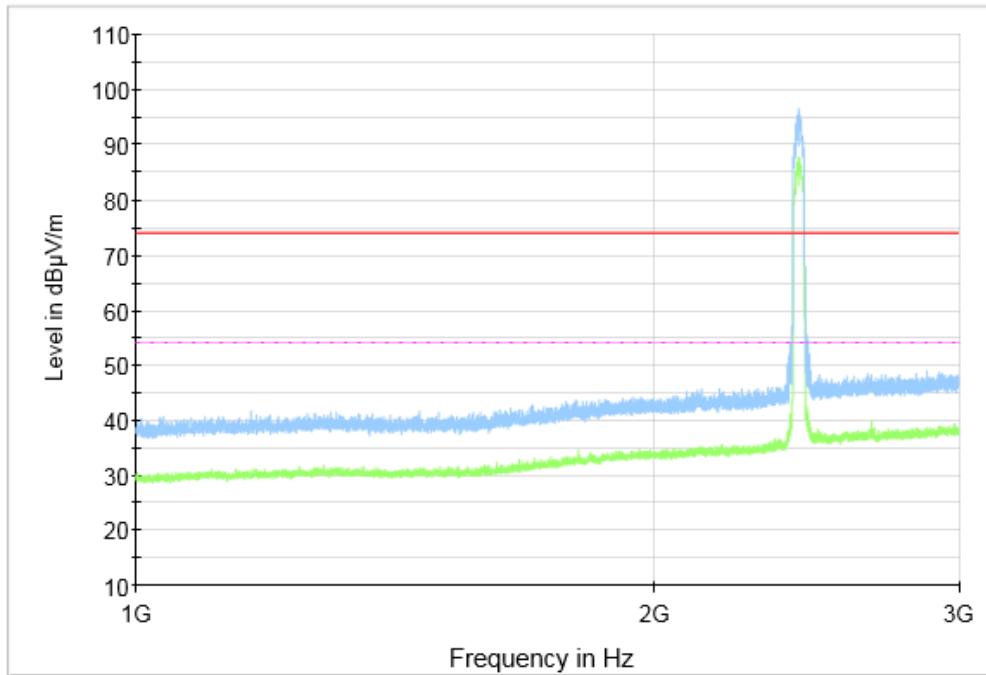


Fig.75 Radiated Spurious Emission (802.11n HT40, CH3, 1 GHz-3 GHz), SISO

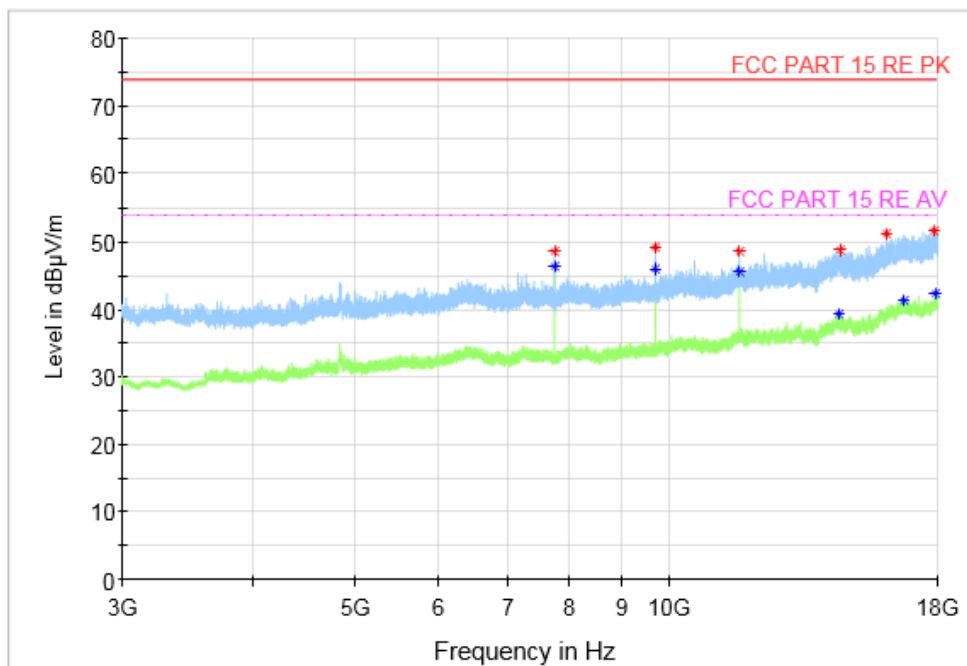
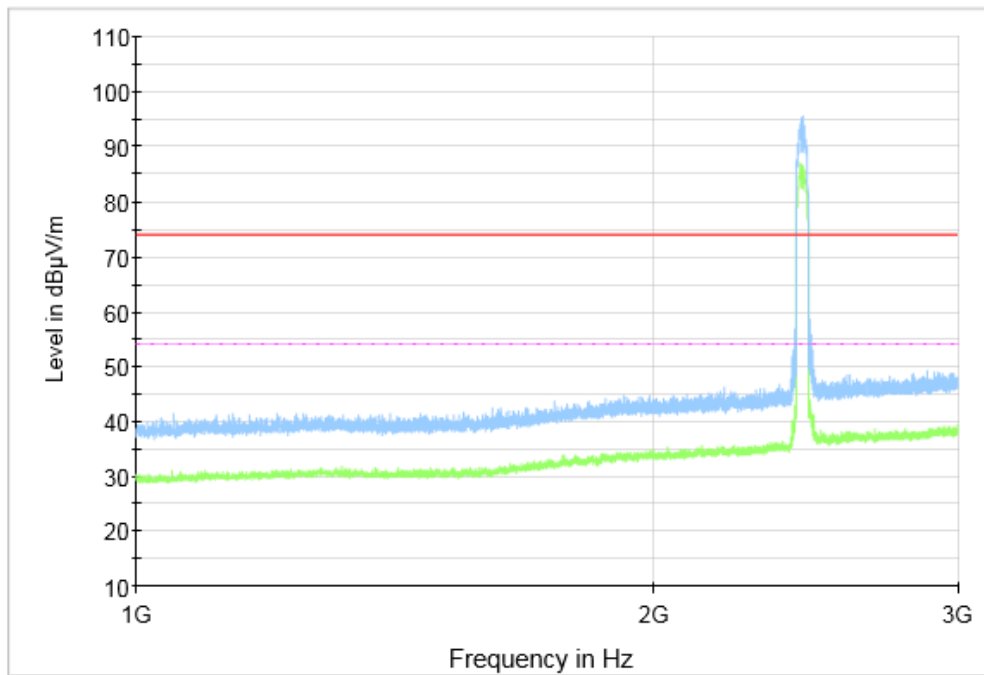
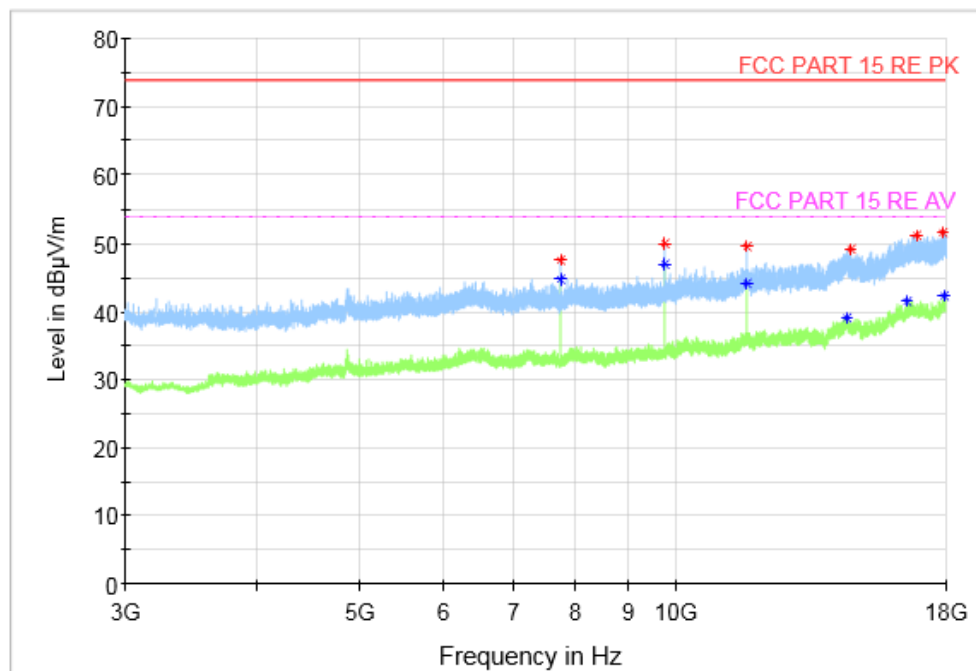


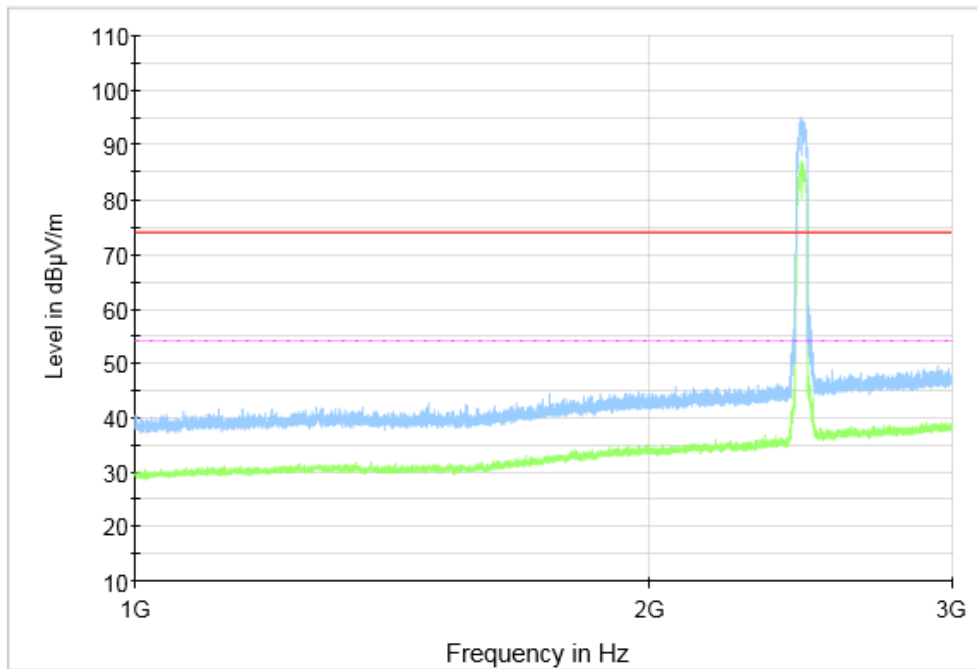
Fig.76 Radiated Spurious Emission (802.11n HT40, CH3, 3 GHz-18 GHz), SISO



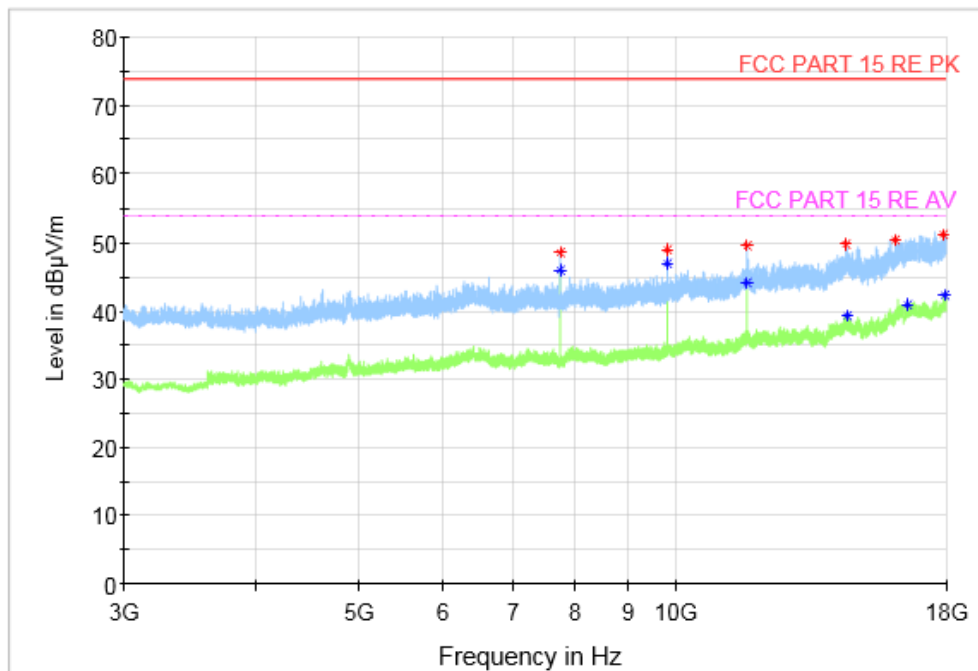
**Fig.77 Radiated Spurious Emission (802.11n HT40, CH6, 1 GHz-3 GHz), SISO**



**Fig.78 Radiated Spurious Emission (802.11n HT40, CH6, 3 GHz-18 GHz), SISO**



**Fig.79 Radiated Spurious Emission (802.11n HT40, CH9, 1 GHz-3 GHz), SISO**



**Fig.80 Radiated Spurious Emission (802.11n HT40, CH9, 3 GHz-18 GHz), SISO**

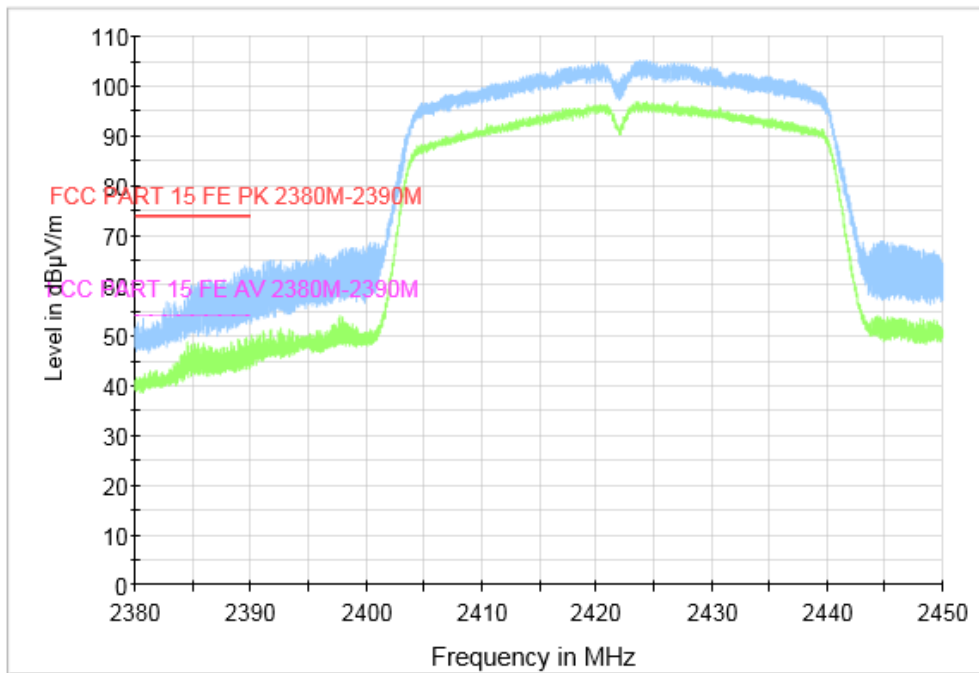


Fig.81 Radiated Restricted Band (802.11n HT40, CH3, 2.38GHz~2.45GHz), SISO

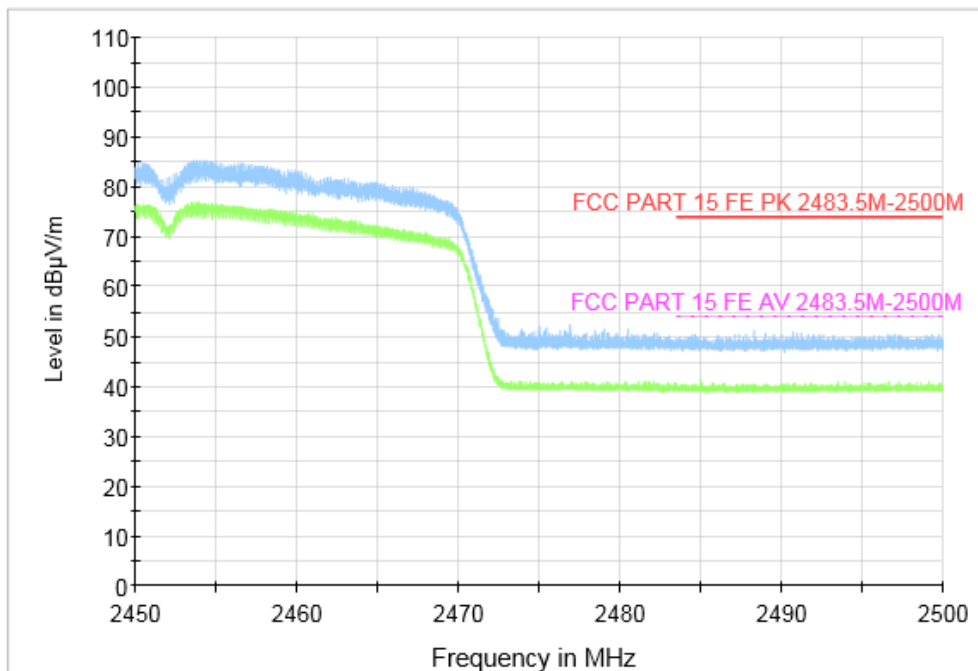
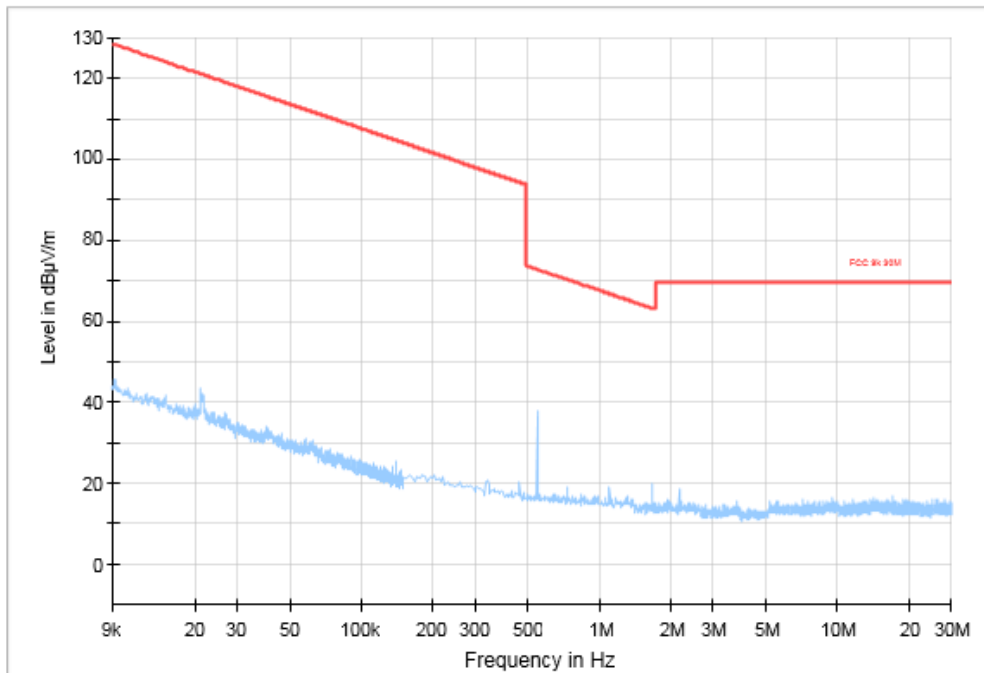
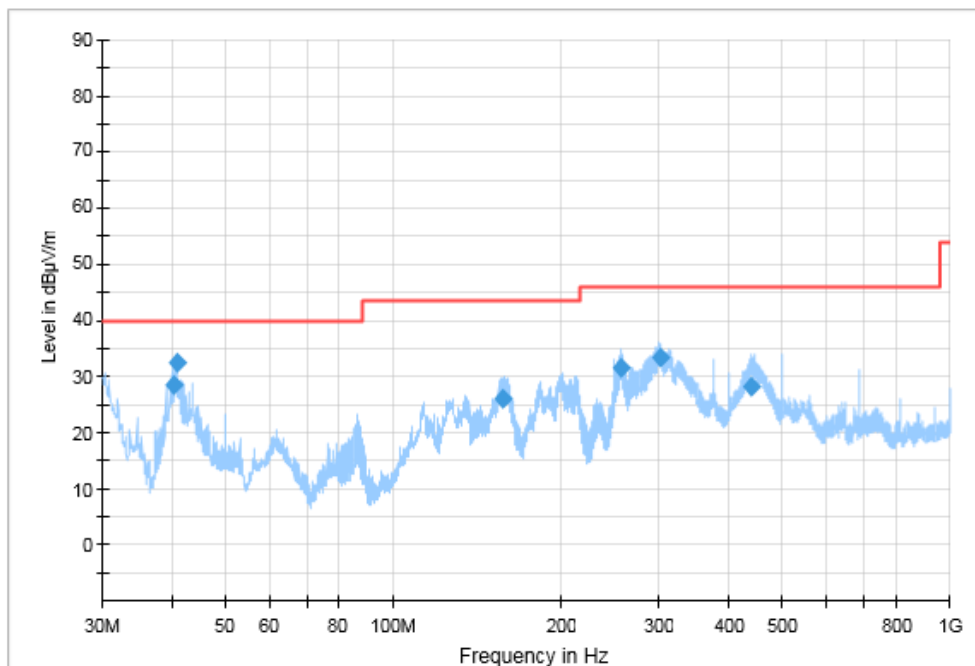


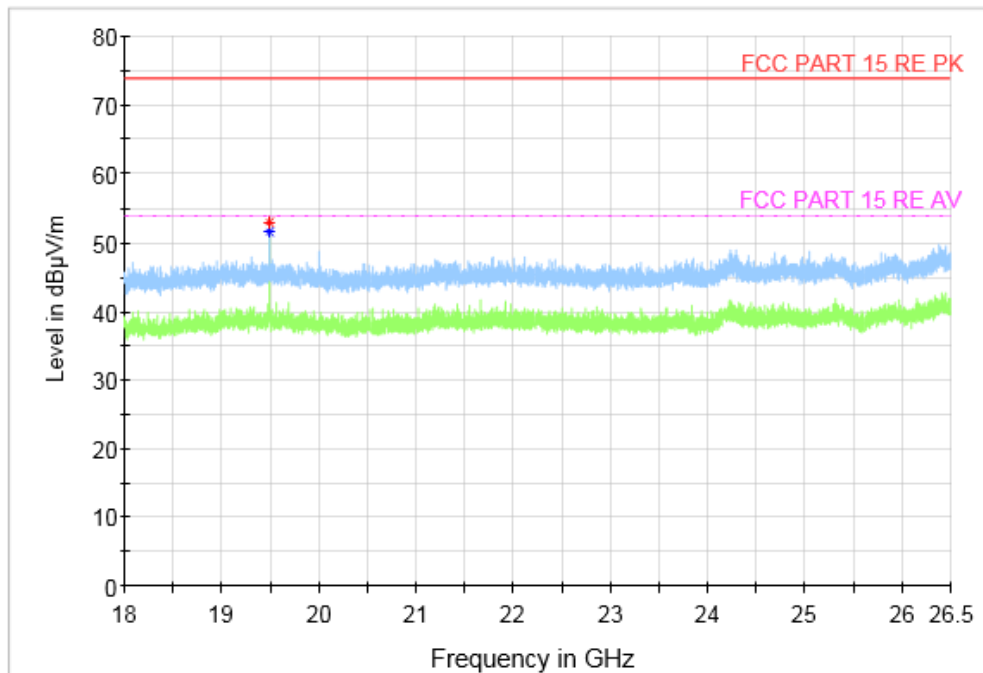
Fig.82 Radiated Restricted Band (802.11n HT40, CH9, 2.45GHz~2.5GHz), SISO



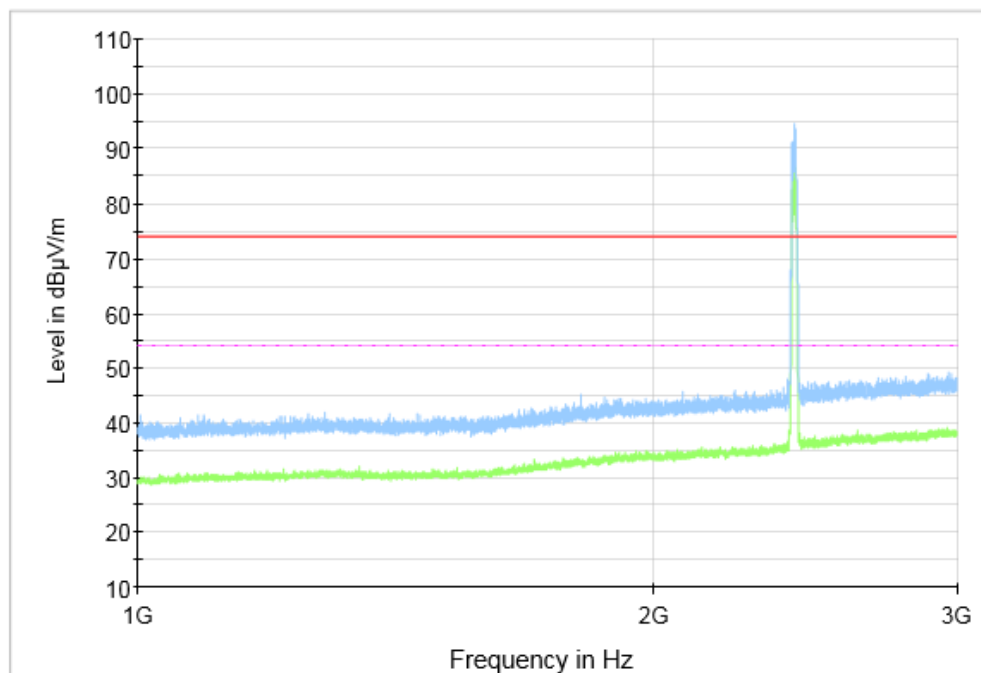
**Fig.83 Radiated Spurious Emission (All Channels, 9kHz-30 MHz), SISO**



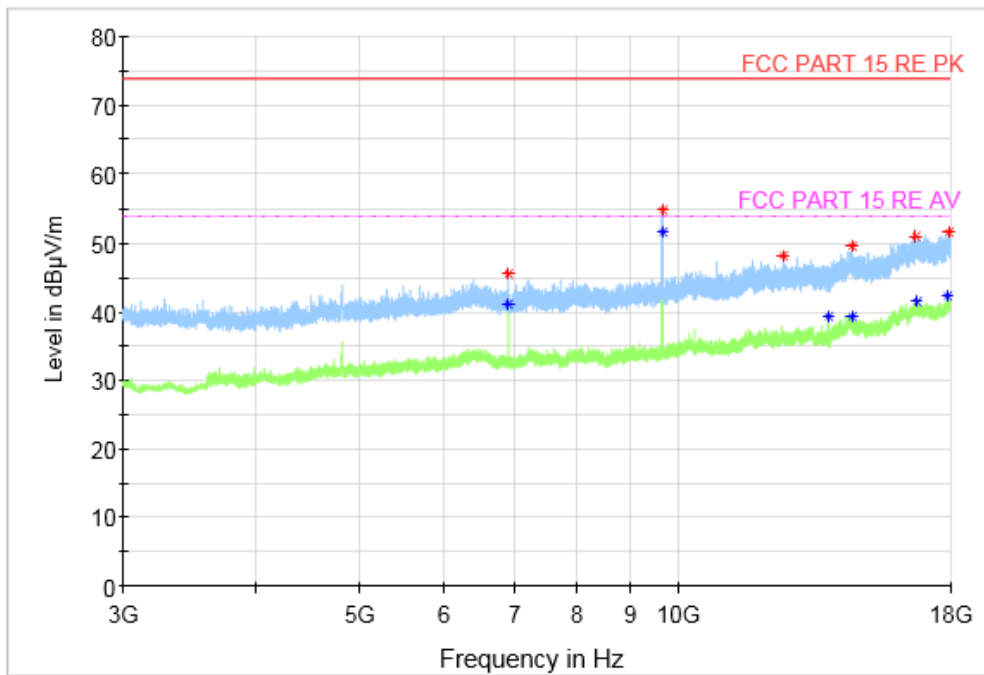
**Fig.84 Radiated Spurious Emission (All Channels, 30MHz-1 GHz), SISO**



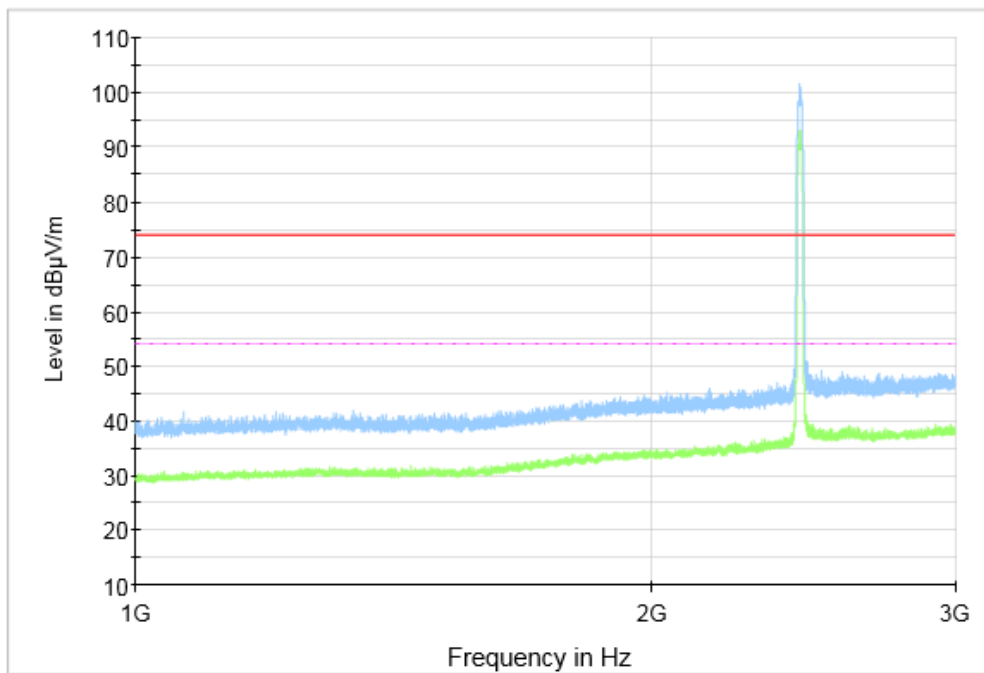
**Fig.85 Radiated Spurious Emission (All Channels, 18 GHz-26.5 GHz), SISO**



**Fig.86 Radiated Spurious Emission (802.11n HT20, CH1, 1 GHz-3 GHz), MIMO**



**Fig.87 Radiated Spurious Emission (802.11n HT20, CH1, 3 GHz-18 GHz), MIMO**



**Fig.88 Radiated Spurious Emission (802.11n HT20, CH6, 1 GHz-3 GHz), MIMO**

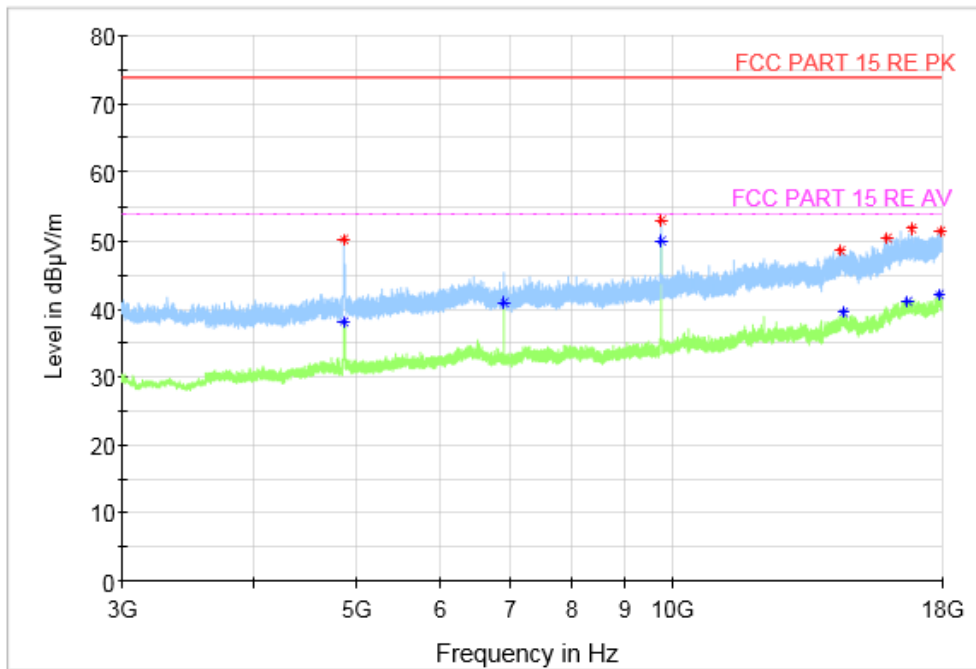


Fig.89 Radiated Spurious Emission (802.11n HT20, CH6, 3 GHz-18 GHz), MIMO

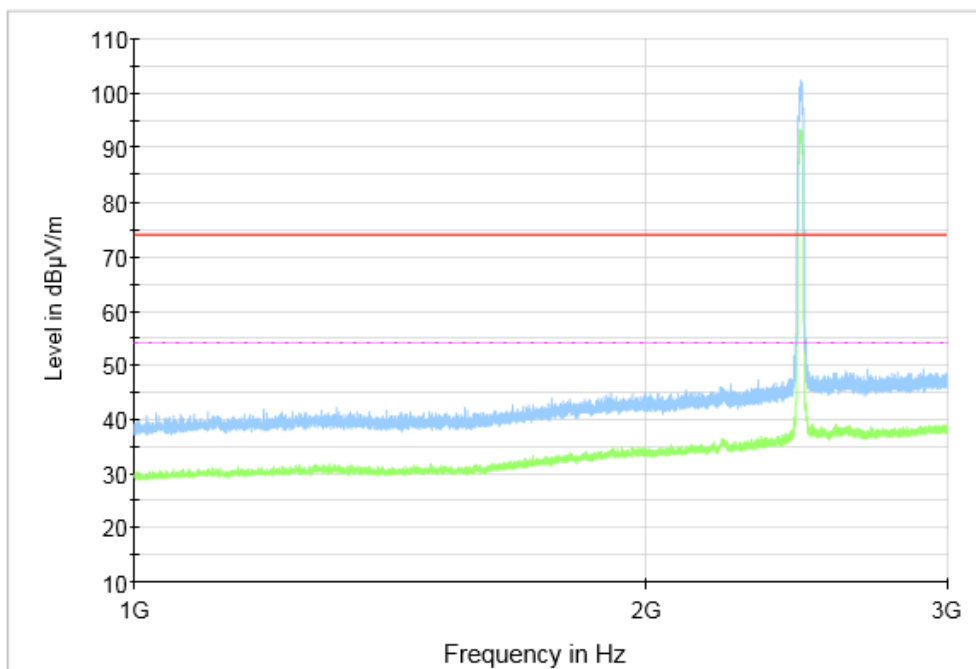


Fig.90 Radiated Spurious Emission (802.11n HT20, CH11, 1 GHz-3 GHz), MIMO



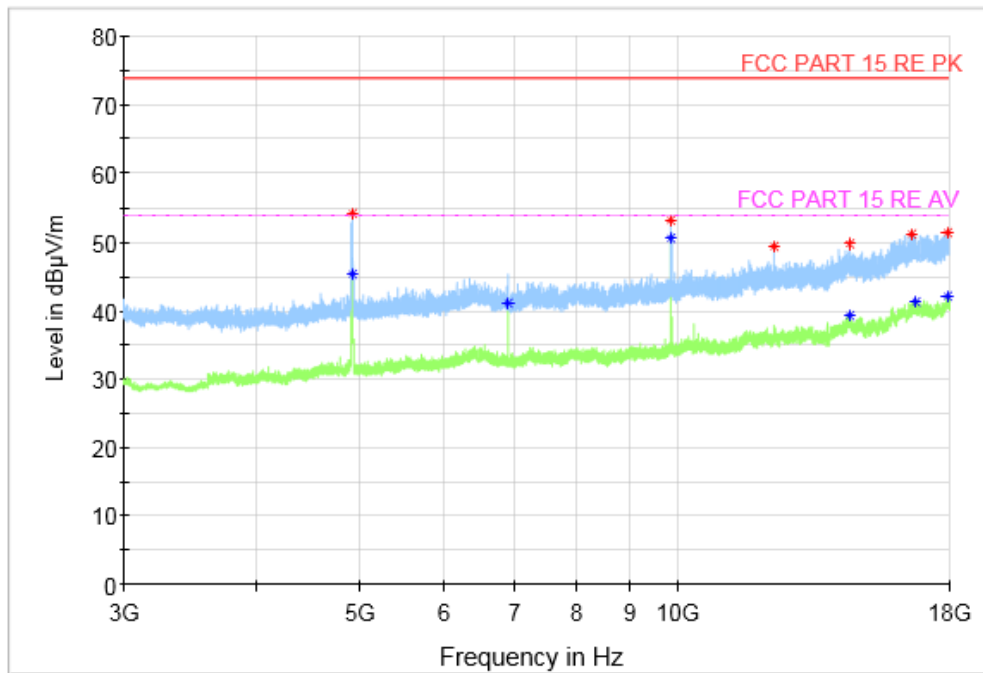


Fig.91 Radiated Spurious Emission (802.11n HT20, CH11, 3 GHz-18 GHz), MIMO

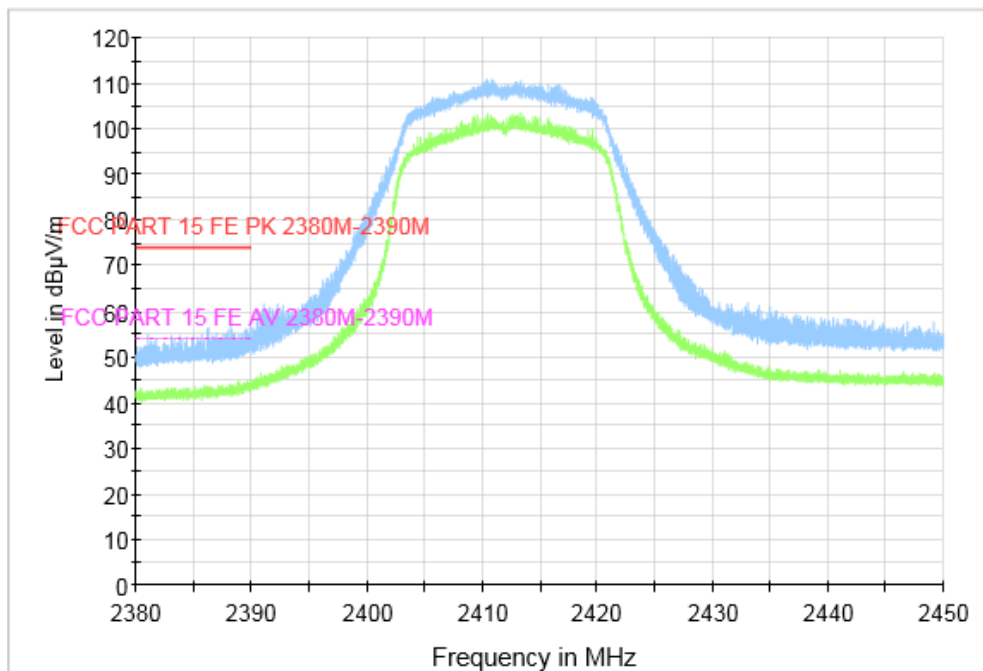


Fig.92 Radiated Restricted Band (802.11n HT20, CH1, 2.38GHz~2.45GHz), MIMO

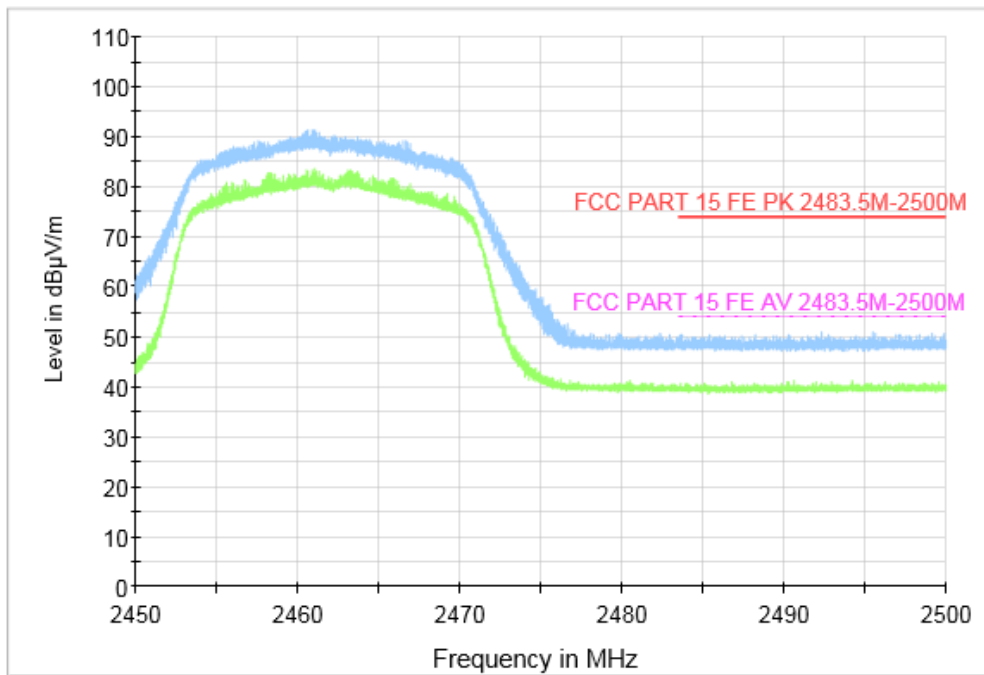


Fig.93 Radiated Restricted Band (802.11n HT20, CH11, 2.45GHz~2.5GHz), MIMO

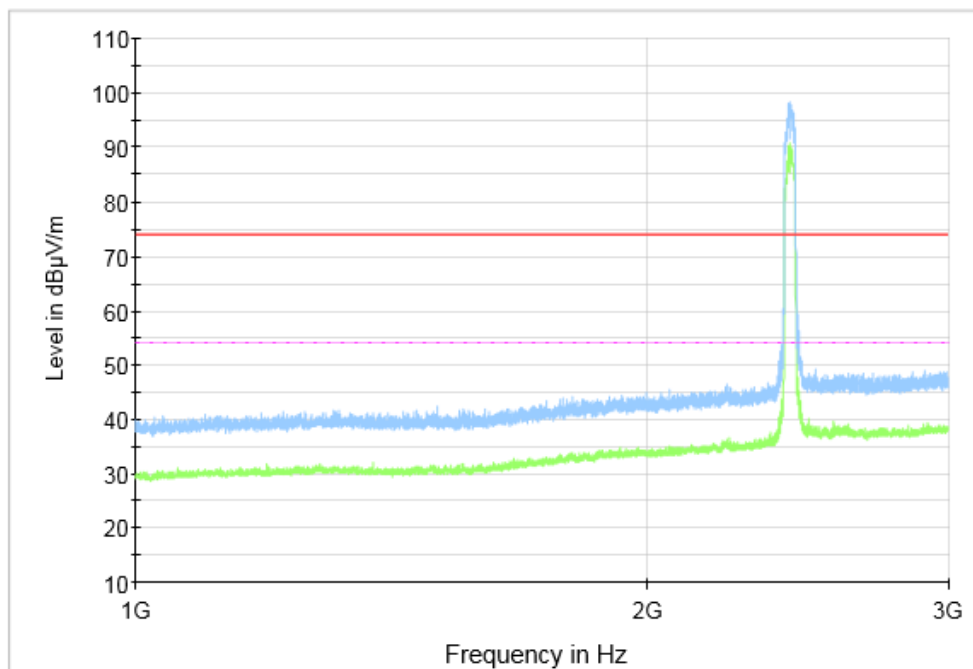
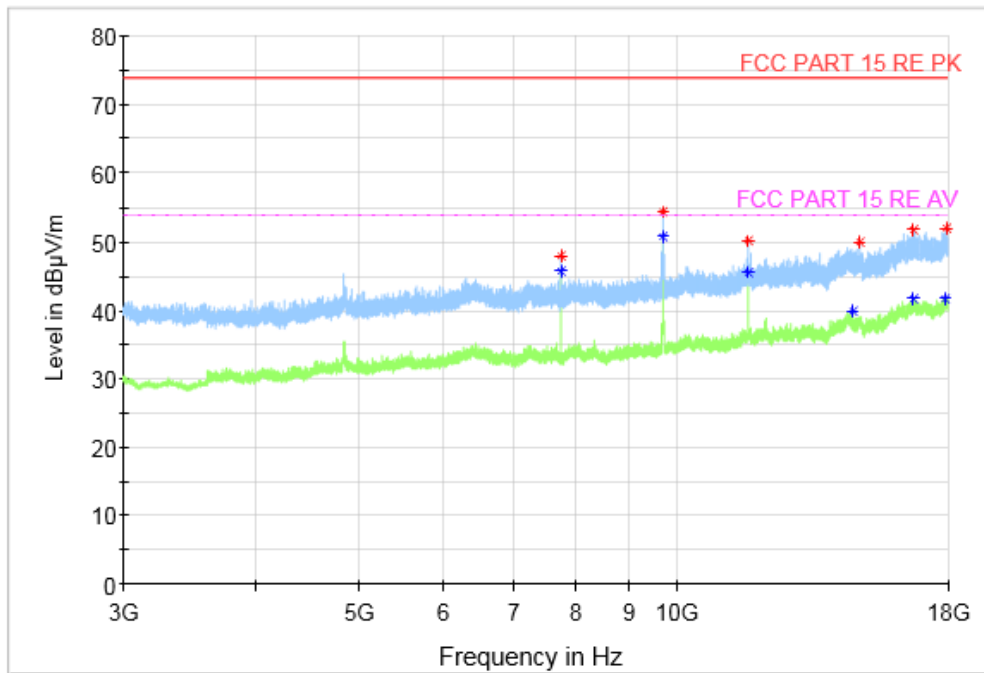
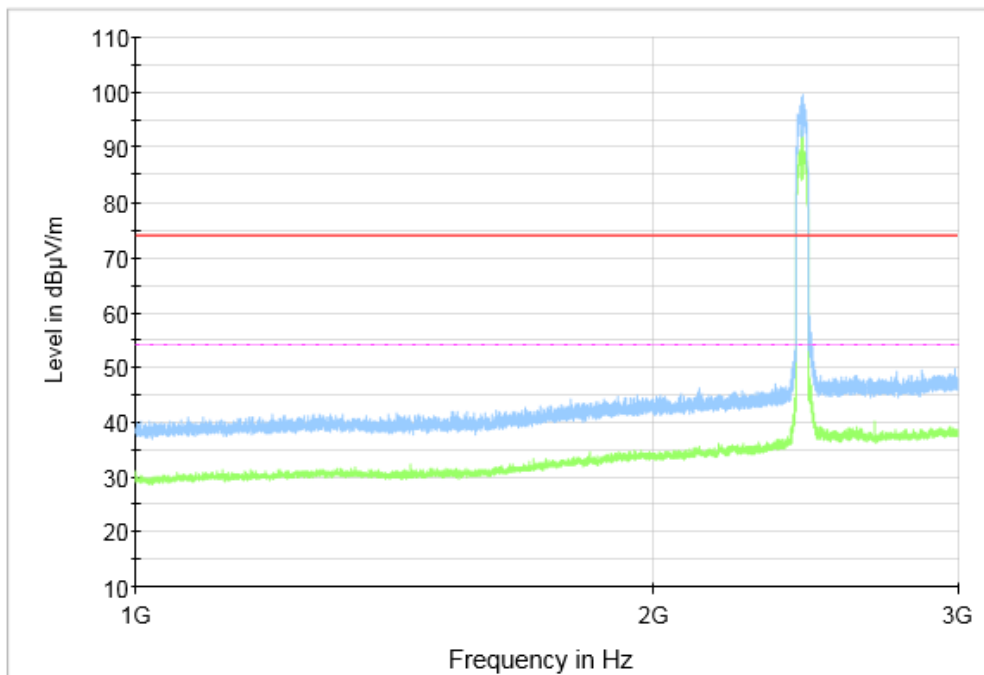


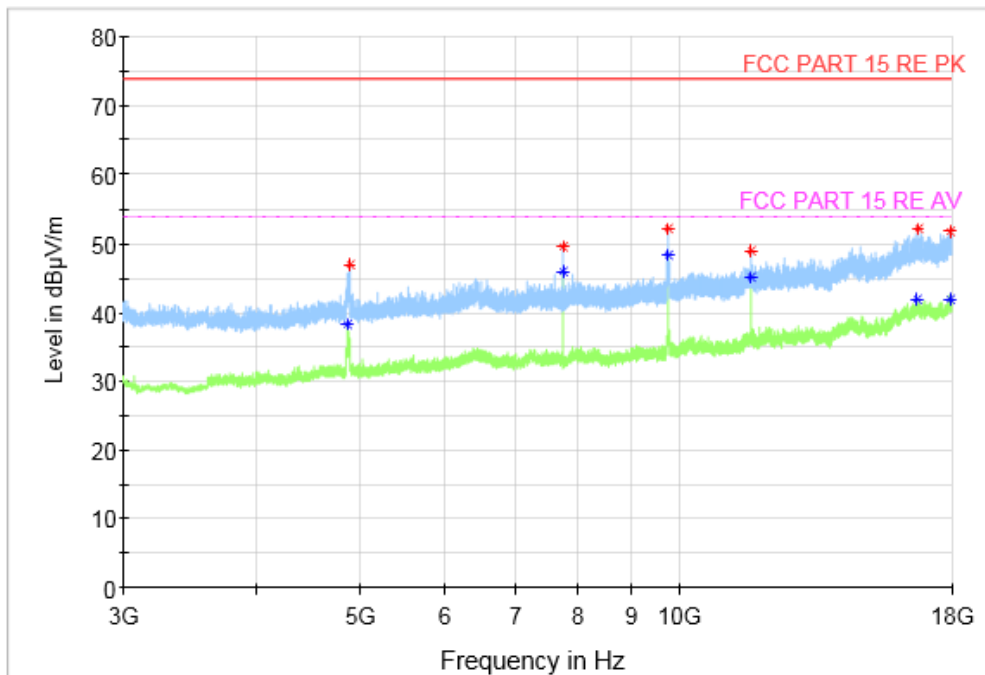
Fig.94 Radiated Spurious Emission (802.11n HT40, CH3, 1 GHz-3 GHz), MIMO



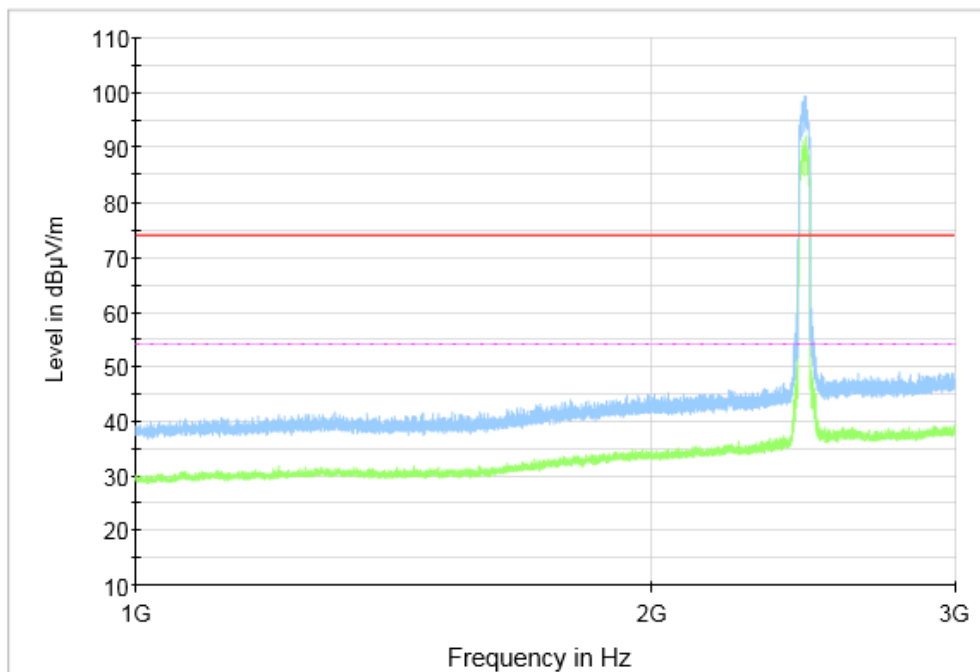
**Fig.95 Radiated Spurious Emission (802.11n HT40, CH3, 3 GHz-18 GHz), MIMO**



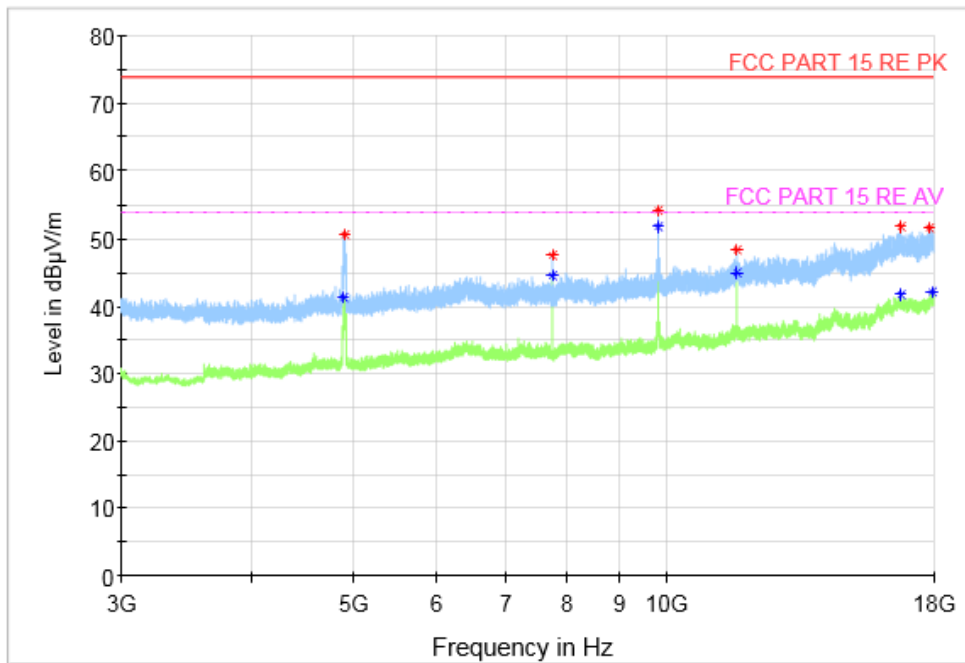
**Fig.96 Radiated Spurious Emission (802.11n HT40, CH6, 1 GHz-3 GHz), MIMO**



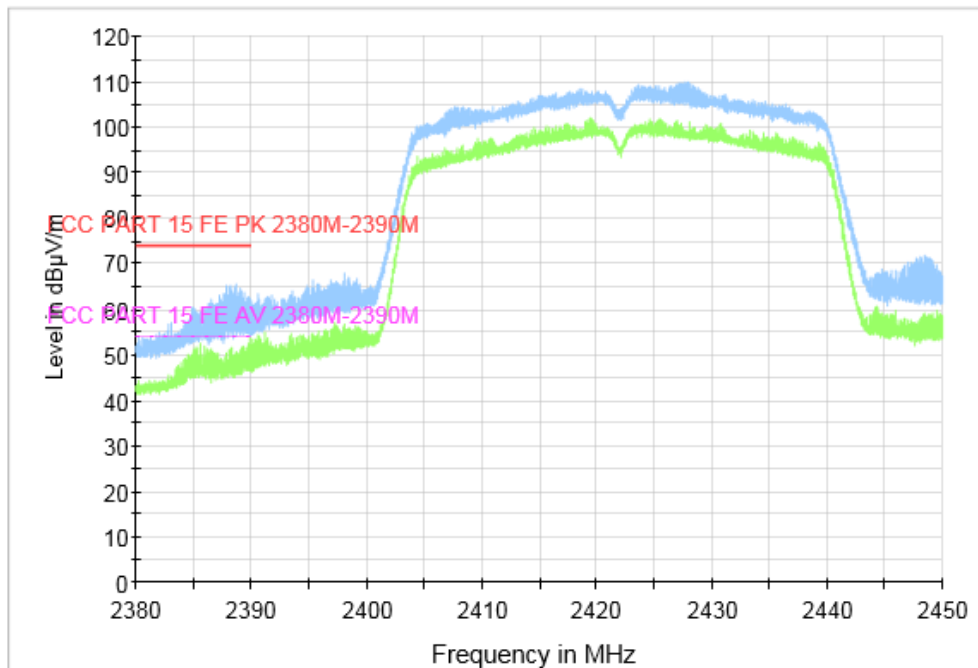
**Fig.97 Radiated Spurious Emission (802.11n HT40, CH6, 3 GHz-18 GHz), MIMO**



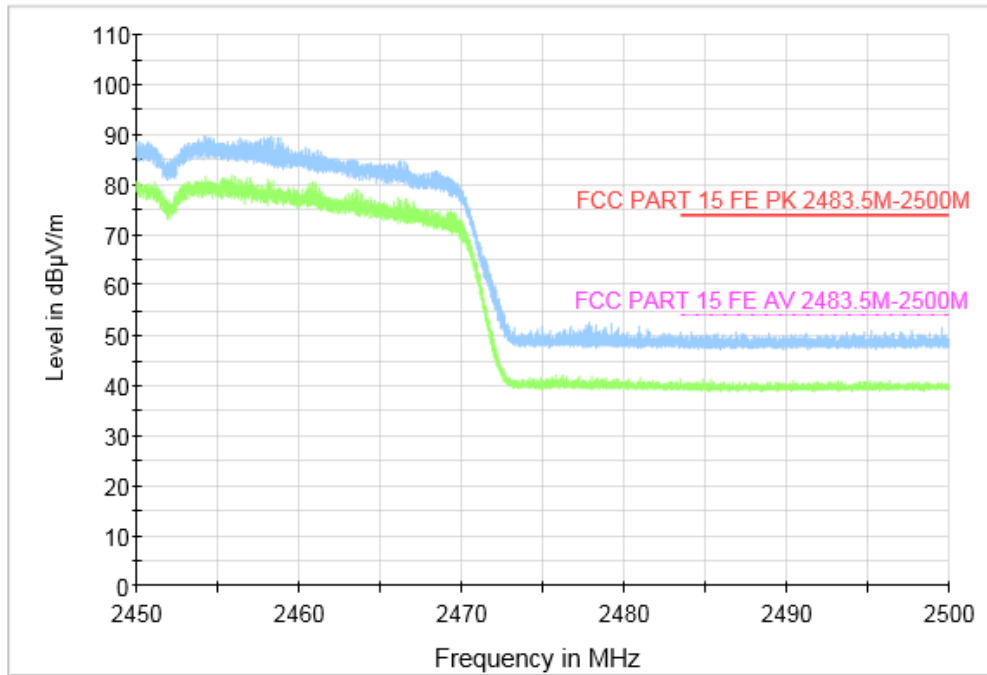
**Fig.98 Radiated Spurious Emission (802.11n HT40, CH9, 1 GHz-3 GHz), MIMO**



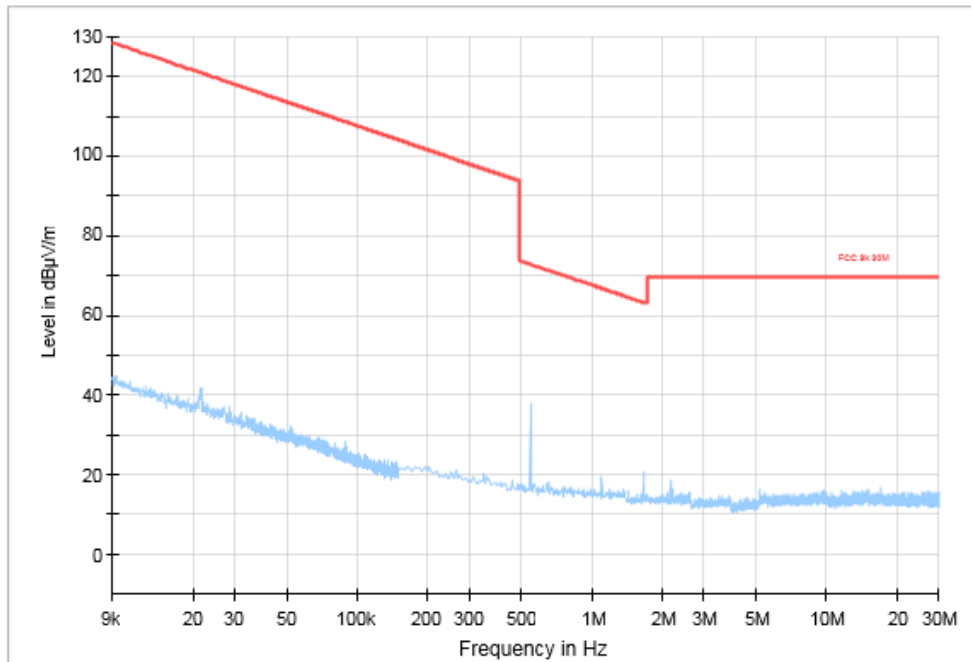
**Fig.99 Radiated Spurious Emission (802.11n HT40, CH9, 3 GHz-18 GHz), MIMO**



**Fig.100 Radiated Restricted Band (802.11n HT40, CH3, 2.38GHz~2.45GHz), MIMO**



**Fig.101 Radiated Restricted Band (802.11n HT40, CH9, 2.45GHz~2.5GHz), MIMO**



**Fig.102 Radiated Spurious Emission (All Channels, 9KHz-30 MHz), MIMO**

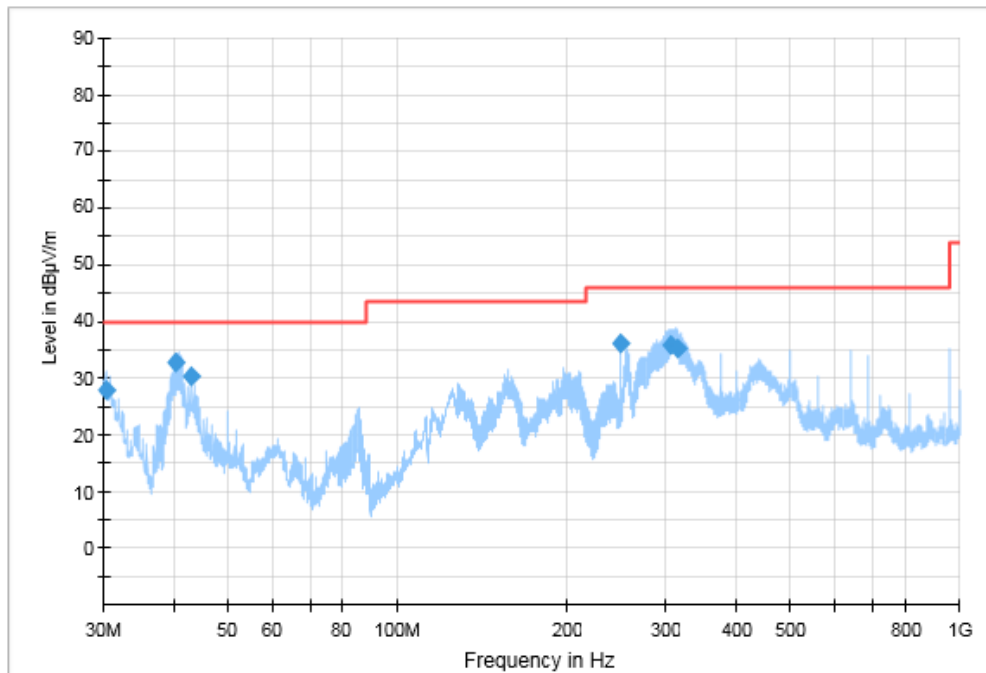


Fig.103 Radiated Spurious Emission (All Channels, 30MHz-1 GHz), MIMO

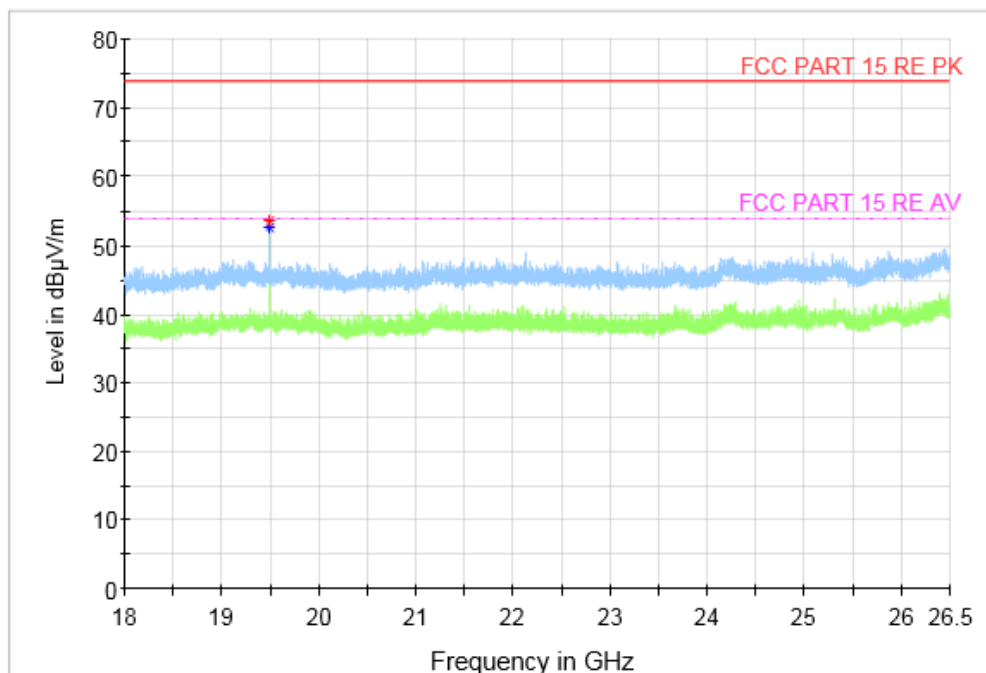


Fig.104 Radiated Spurious Emission (All Channels, 18 GHz-26.5 GHz), MIMO

## A.8 AC Power line Conducted Emission

### Test Condition:

Voltage (V)	Frequency (Hz)
120	60

### Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.105	Fig.106	<b>P</b>
0.5 to 5	56			
5 to 30	60			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average-peak Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig 105	Fig 106	<b>P</b>
0.5 to 5	46			
5 to 30	50			

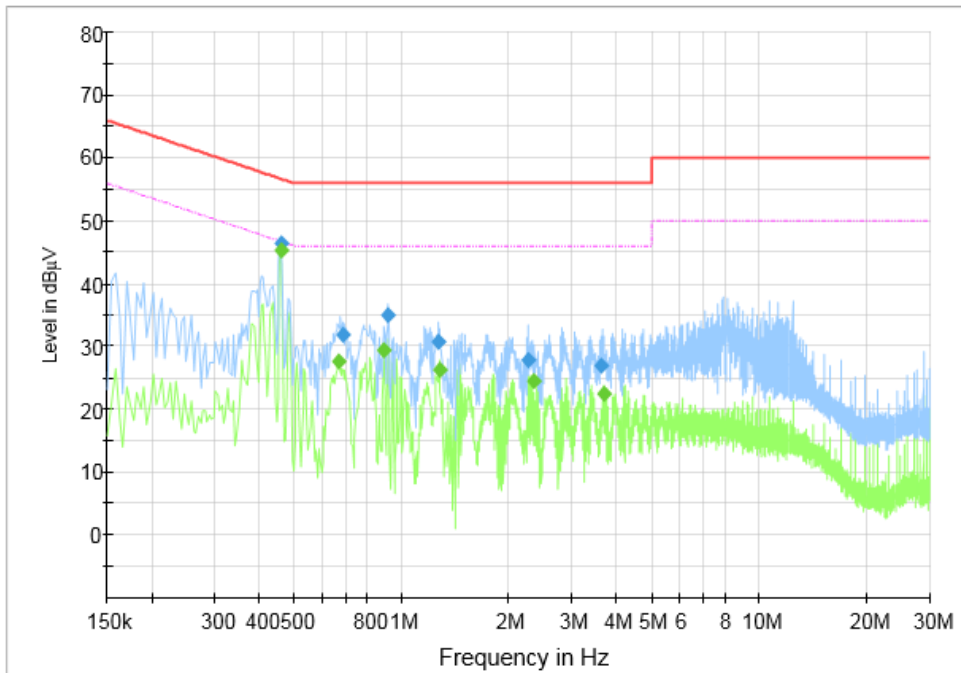
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

**Note:** The measurement results include the L1 and N measurements.

**See below for test graphs.**

**Conclusion: PASS**





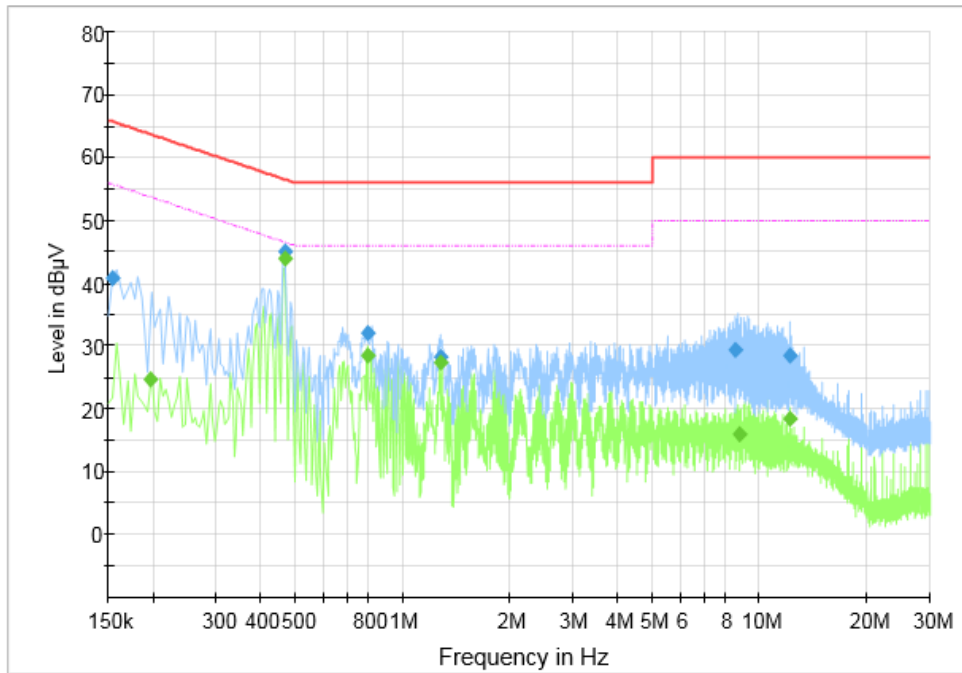
**Fig.105 AC Power line Conducted Emission (Traffic)**

**Measurement Results: Quasi Peak**

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.460	46.51	56.69	10.18	L1	ON	9.6
0.688	31.90	56.00	24.10	L1	ON	9.6
0.916	34.93	56.00	21.07	N	ON	9.7
1.268	30.65	56.00	25.35	L1	ON	9.7
2.260	27.86	56.00	28.14	N	ON	9.7
3.612	27.00	56.00	29.00	N	ON	9.7

**Measurement Results: Average**

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.460	45.39	46.69	1.30	L1	ON	9.6
0.668	27.58	46.00	18.42	L1	ON	9.6
0.892	29.51	46.00	16.49	L1	ON	9.7
1.276	26.31	46.00	19.69	L1	ON	9.7
2.348	24.37	46.00	21.63	L1	ON	9.7
3.672	22.53	46.00	23.47	L1	ON	9.7



**Fig.106 AC Power line Conducted Emission (Idle)**

**Measurement Results: Quasi Peak**

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154	40.77	65.78	25.01	L1	ON	9.6
0.468	45.01	56.55	11.54	L1	ON	9.6
0.800	32.12	56.00	23.88	L1	ON	9.6
1.276	28.38	56.00	27.62	L1	ON	9.7
8.564	29.43	60.00	30.57	N	ON	9.7
12.152	28.58	60.00	31.42	N	ON	9.8

**Measurement Results: Average**

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.196	24.81	53.78	28.97	L1	ON	9.6
0.468	43.98	46.55	2.57	L1	ON	9.6
0.800	28.46	46.00	17.54	L1	ON	9.6
1.284	27.29	46.00	18.71	L1	ON	9.7
8.796	15.89	50.00	34.11	N	ON	9.7
12.152	18.49	50.00	31.51	N	ON	9.8

**\*\*\*END OF REPORT\*\*\***