

Fig.99 Radiated Restricted Band (802.11-VHT20, CH1, 2.38GHz~2.45GHz)

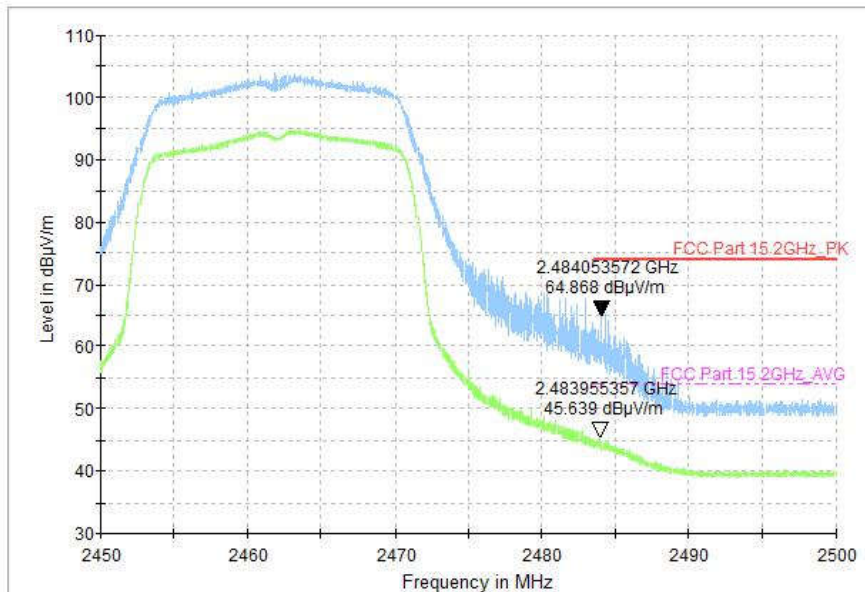


Fig.100 Radiated Restricted Band (802.11-VHT20, CH11, 2.45GHz~2.5GHz)

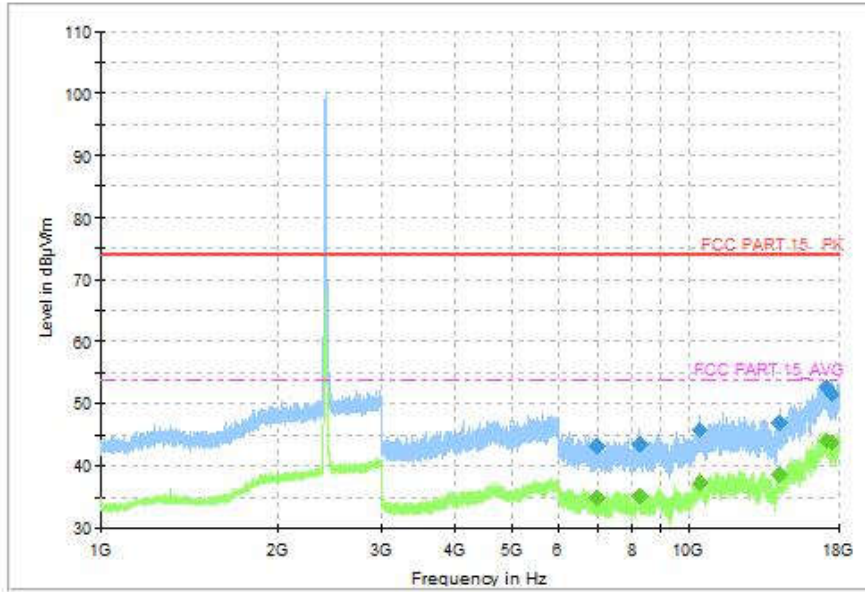


Fig.101 Radiated Spurious Emission (802.11ax-HE20, CH1, 1GHz-18GHz)

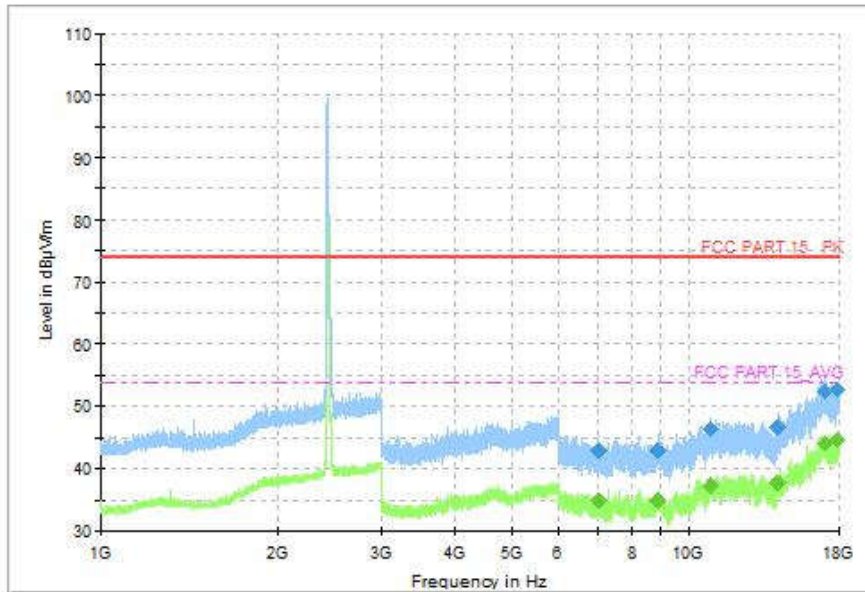


Fig.102 Radiated Spurious Emission (802.11ax-HE20, CH6, 1GHz-18GHz)

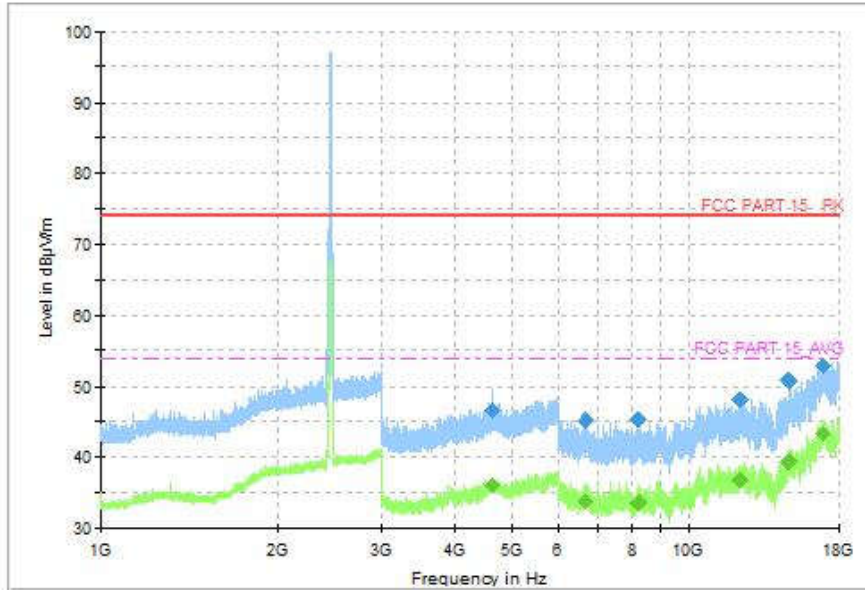


Fig.103 Radiated Spurious Emission (802.11ax-HE20, CH11, 1GHz-18GHz)

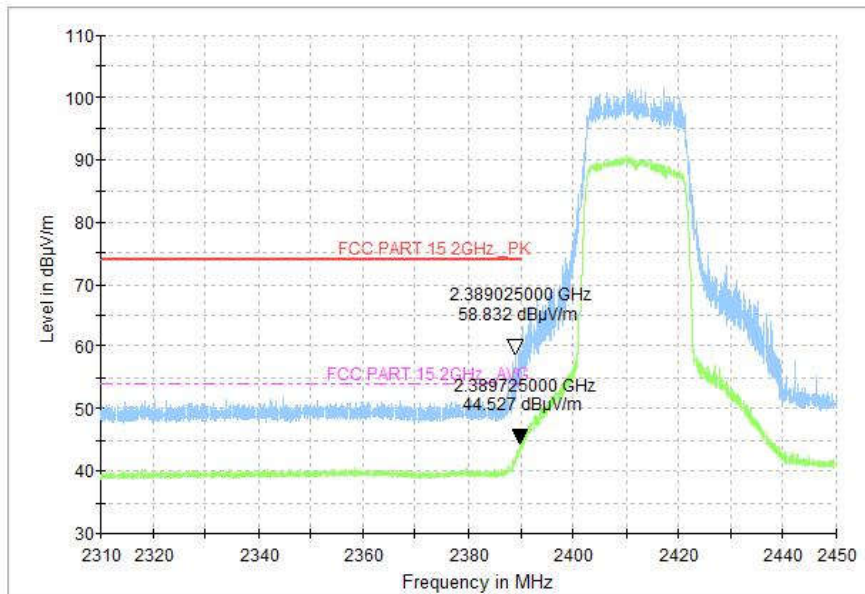


Fig.104 Radiated Restricted Band (802.11ax-HE20, CH1, 2.38GHz~2.45GHz)

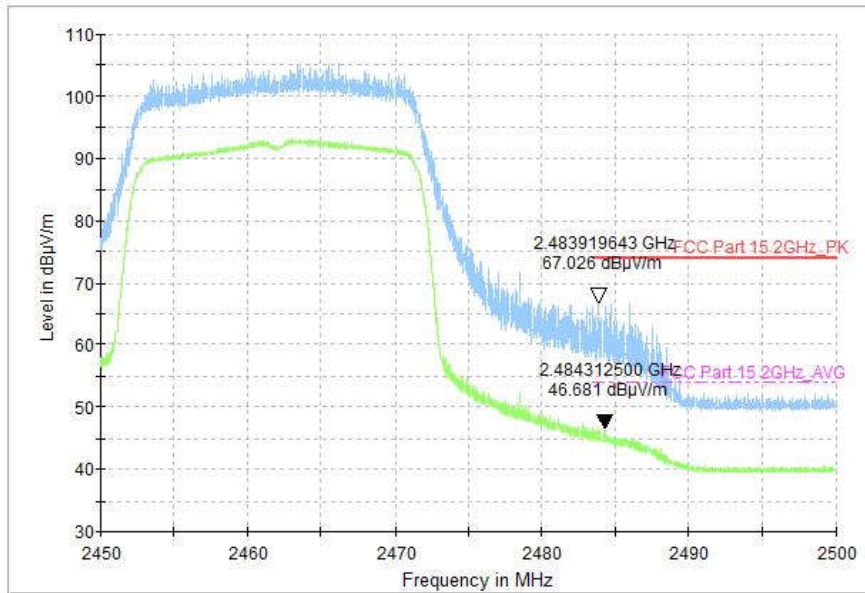


Fig.105 Radiated Restricted Band (802.11ax-HE20, CH11, 2.45GHz~2.5GHz)

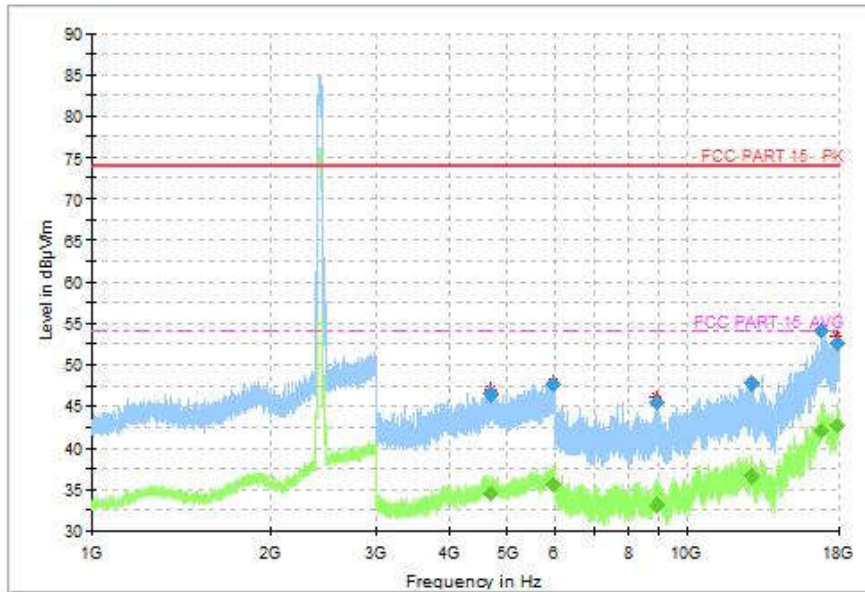


Fig.106 Radiated Spurious Emission (802.11n-HT40, CH3, 1GHz-18GHz)

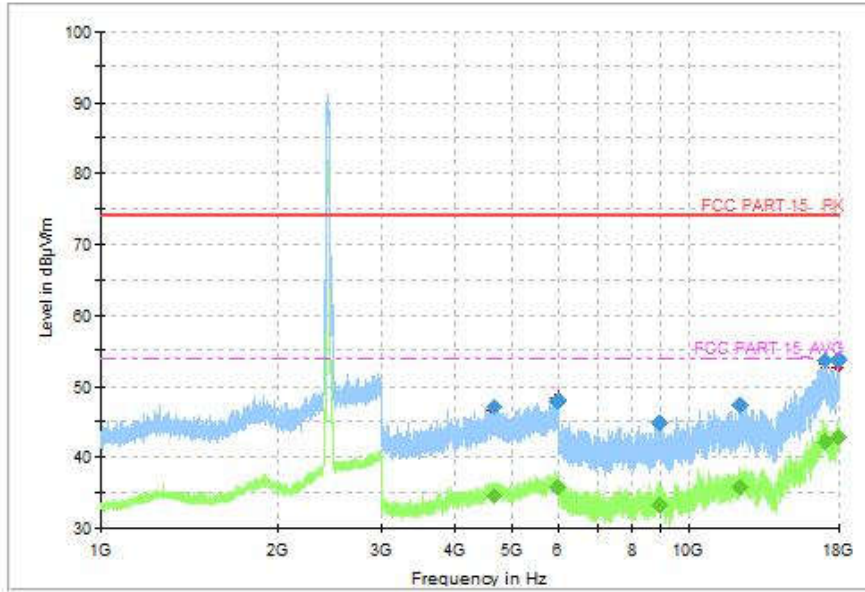


Fig.107 Radiated Spurious Emission (802.11n-HT40, CH6, 1GHz-18GHz)

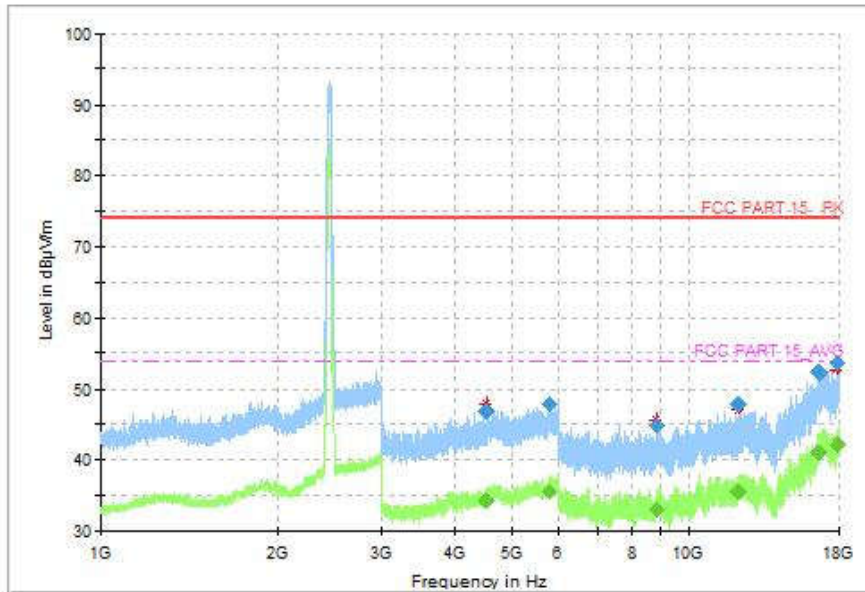


Fig.108 Radiated Spurious Emission (802.11n-HT40, CH9, 1GHz-18GHz)

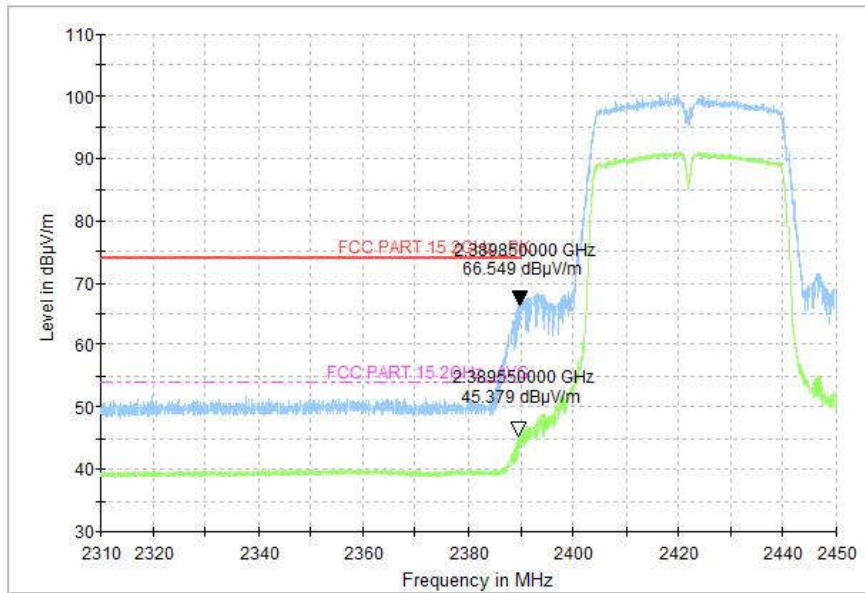


Fig.109 Radiated Restricted Band (802.11n-HT40, CH3, 2.38GHz~2.45GHz)

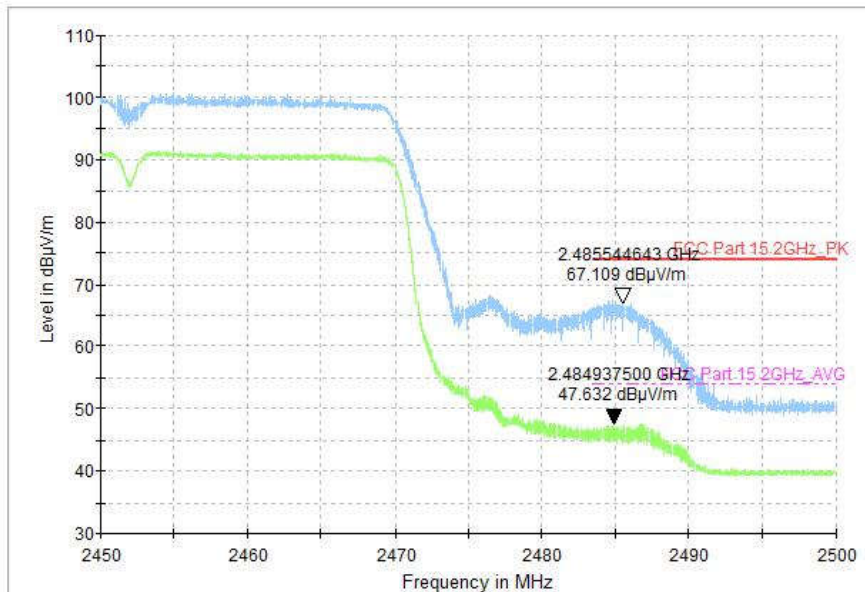


Fig.110 Radiated Restricted Band (802.11n-HT40, CH9, 2.45GHz~2.50GHz)

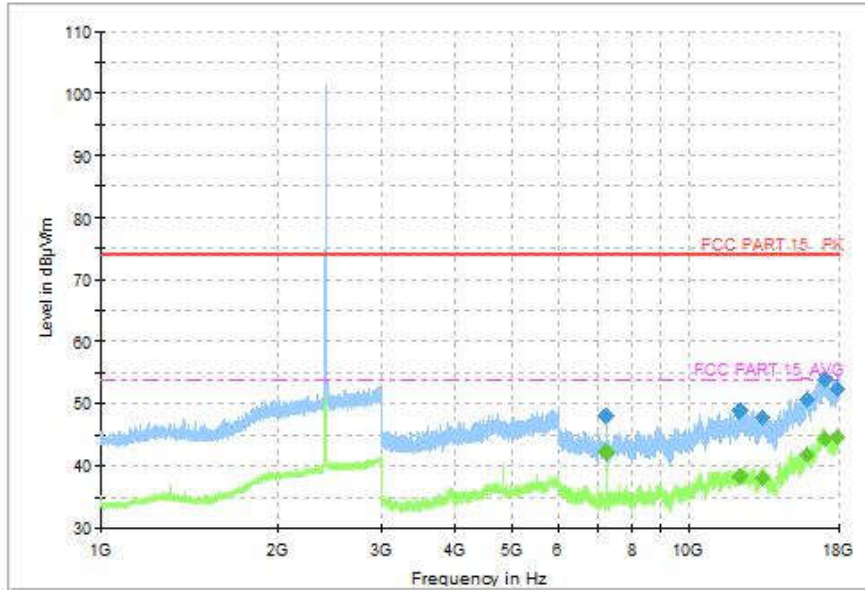


Fig.111 Radiated Spurious Emission (802.11-VHT40, CH3, 1GHz-18GHz)

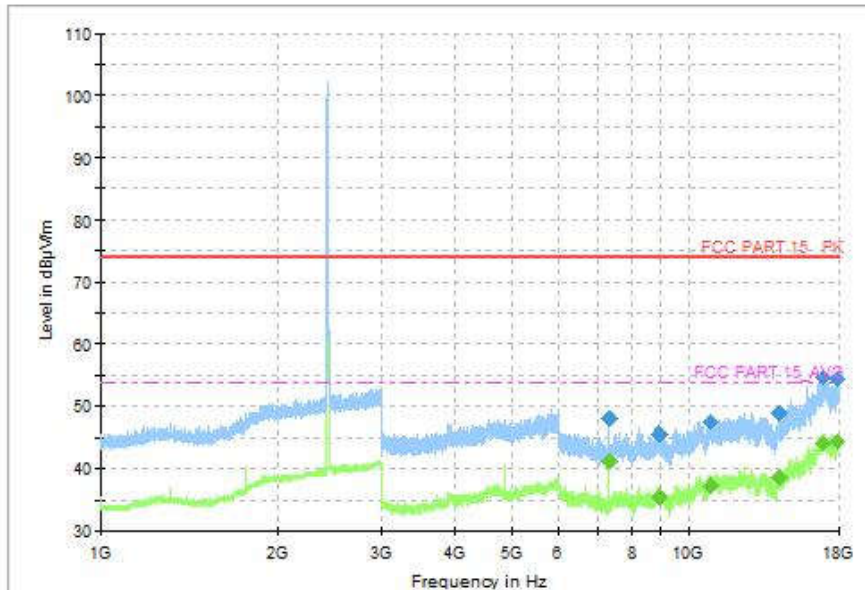


Fig.112 Radiated Spurious Emission (802.11-VHT40, CH6, 1GHz-18GHz)

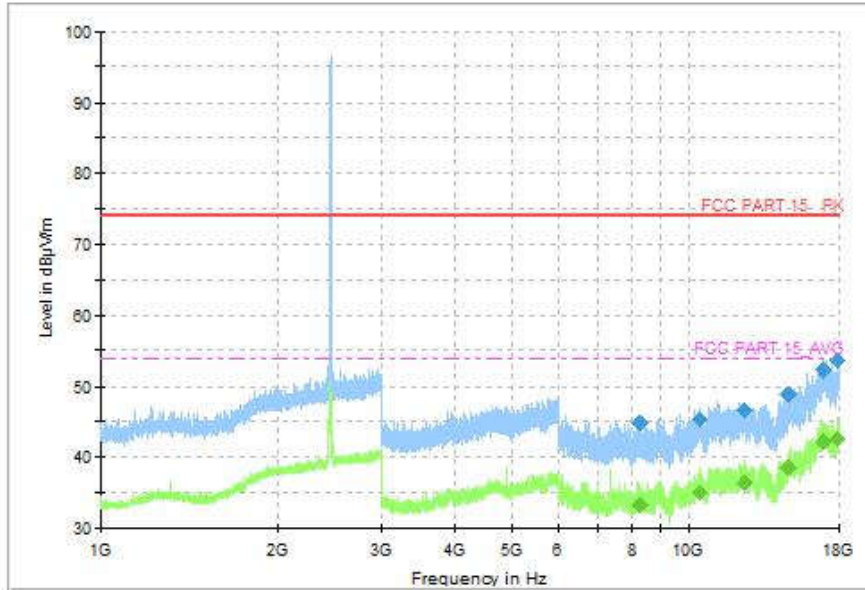


Fig.113 Radiated Spurious Emission (802.11-VHT40, CH9, 1GHz-18GHz)

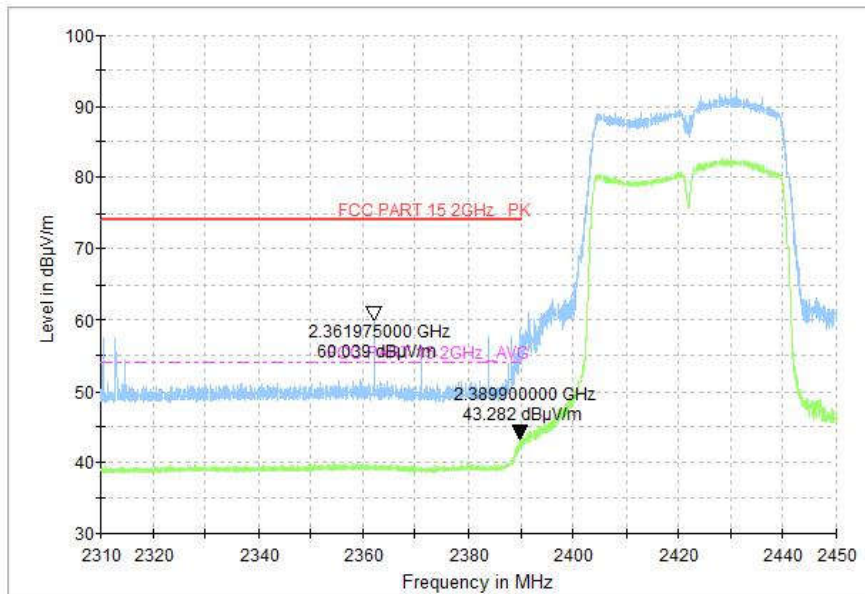


Fig.114 Radiated Restricted Band (802.11-VHT40, CH3, 2.38GHz~2.45GHz)

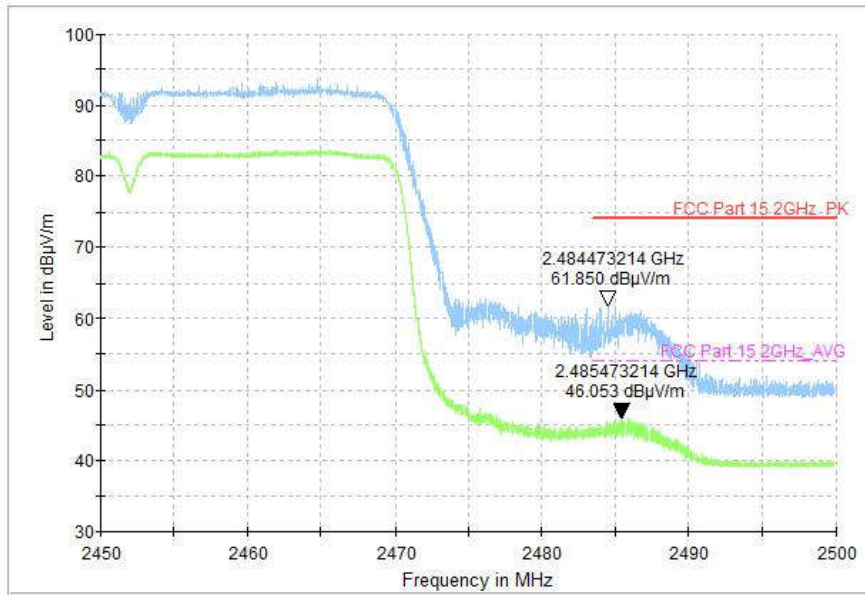


Fig.115 Radiated Restricted Band (802.11-VHT40, CH9, 2.45GHz~2.50GHz)

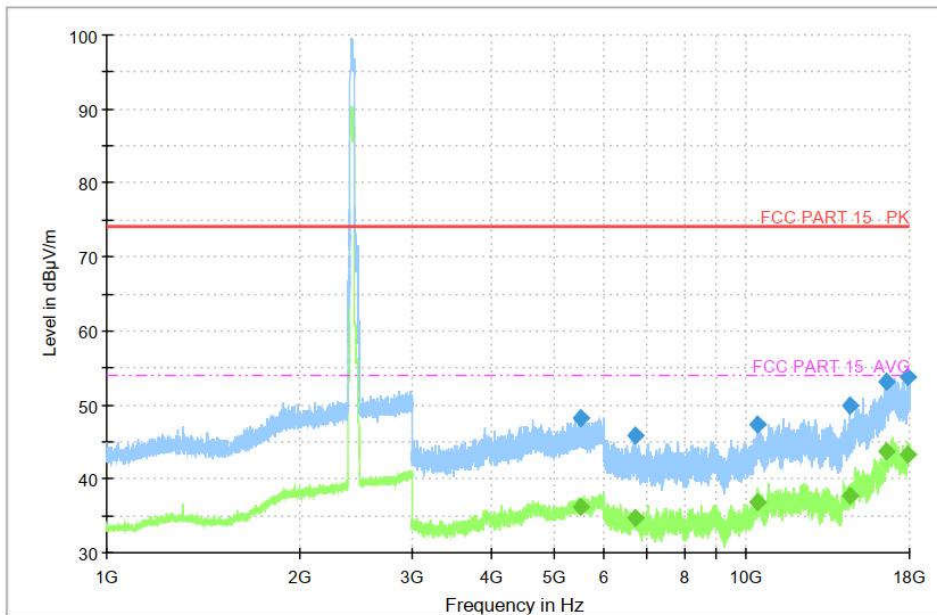


Fig.116 Radiated Spurious Emission (802.11ax-HE40, CH3, 1GHz-18GHz)

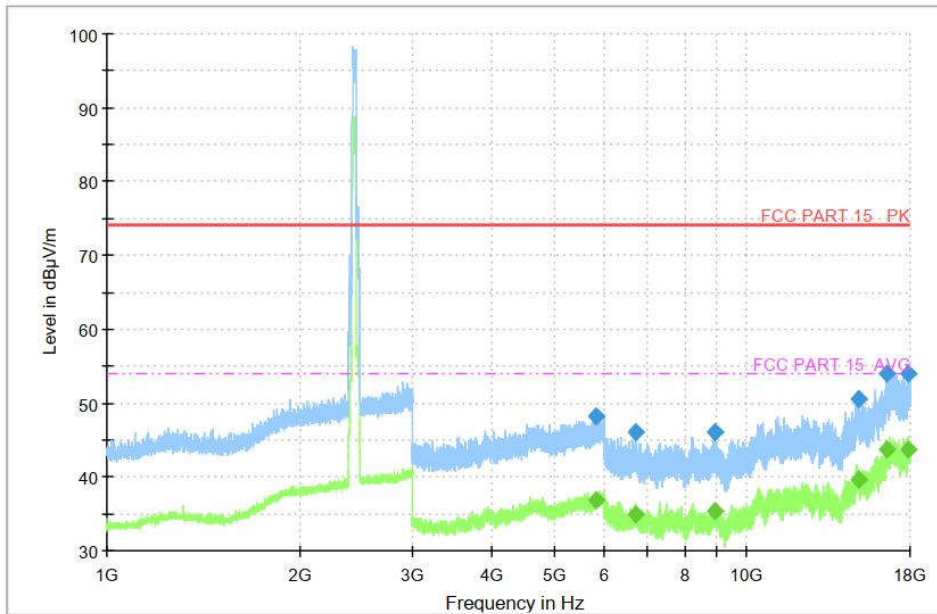


Fig.117 Radiated Spurious Emission (802.11ax-HE40, CH6, 1GHz-18GHz)

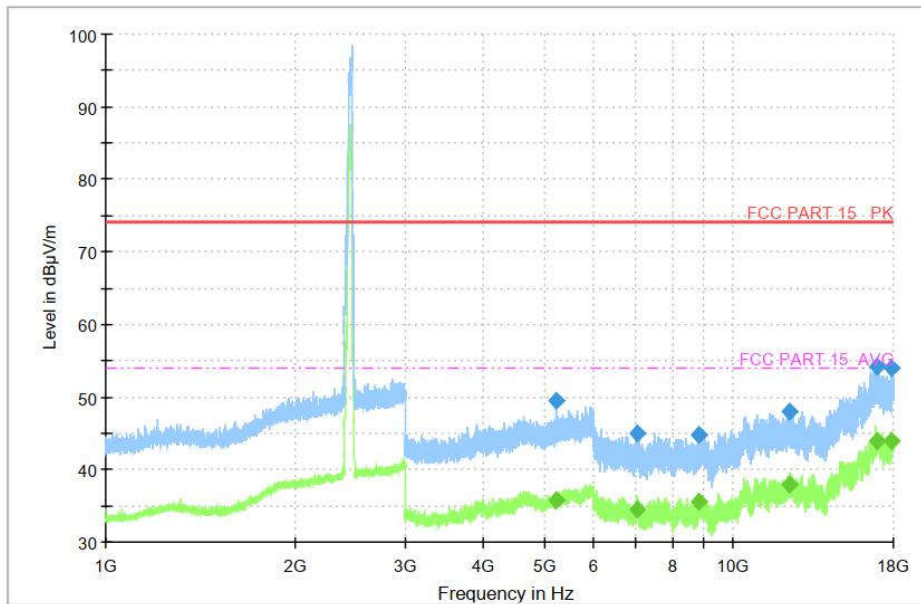


Fig.118 Radiated Spurious Emission (802.11ax-HE40, CH9, 1GHz-18GHz)

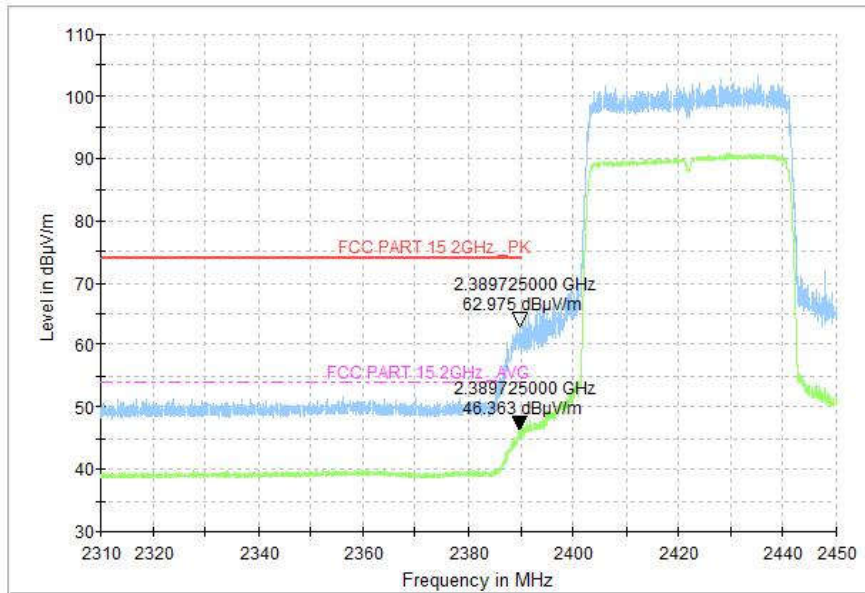


Fig.119 Radiated Restricted Band (802.11ax-HE40, CH3, 2.38GHz~2.45GHz)

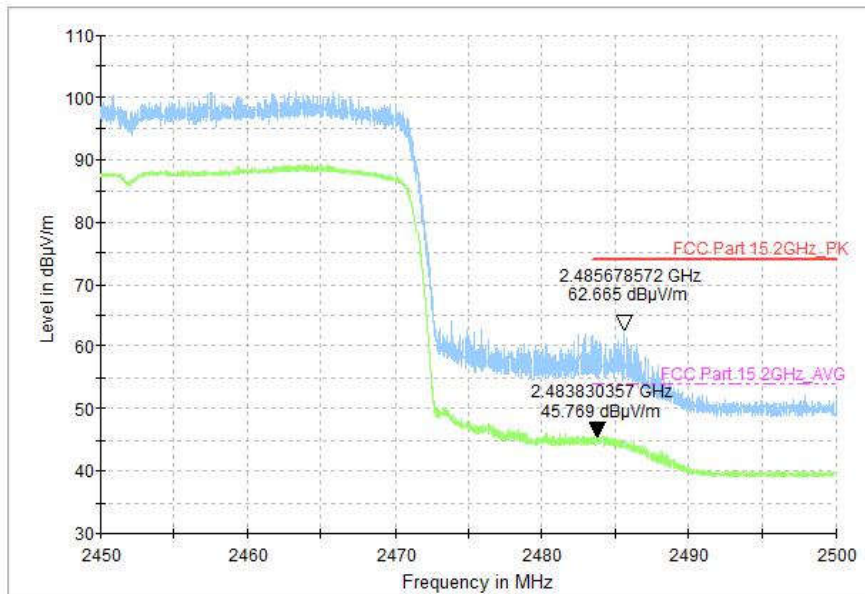


Fig.120 Radiated Restricted Band (802.11ax-HE40, CH9, 2.45GHz~2.50GHz)

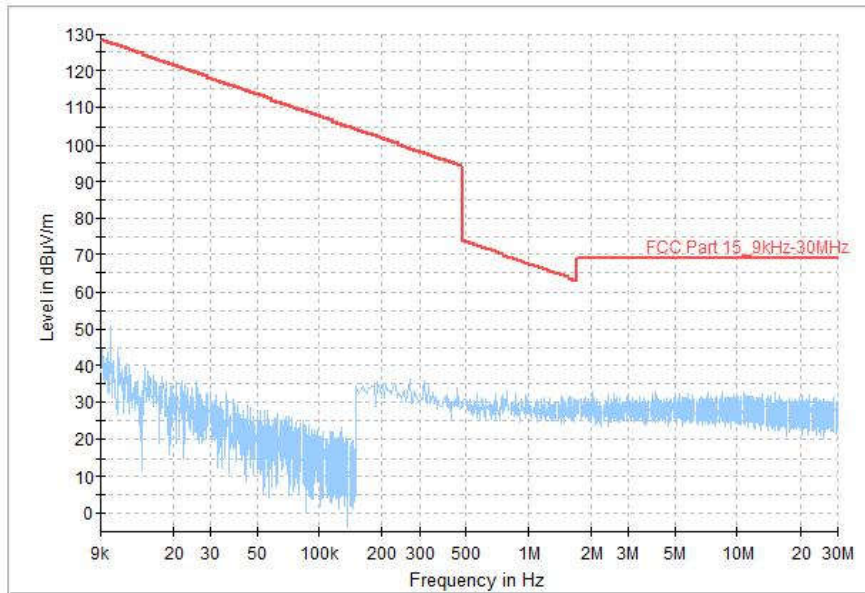


Fig.121 Radiated Spurious Emission (All Channels, 9kHz-30MHz)

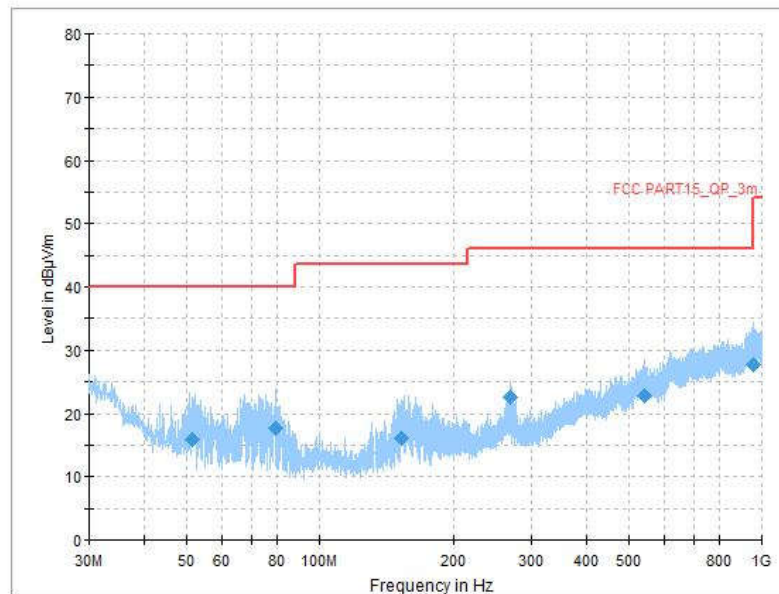


Fig.122 Radiated Spurious Emission (All Channels, 30MHz-1GHz)

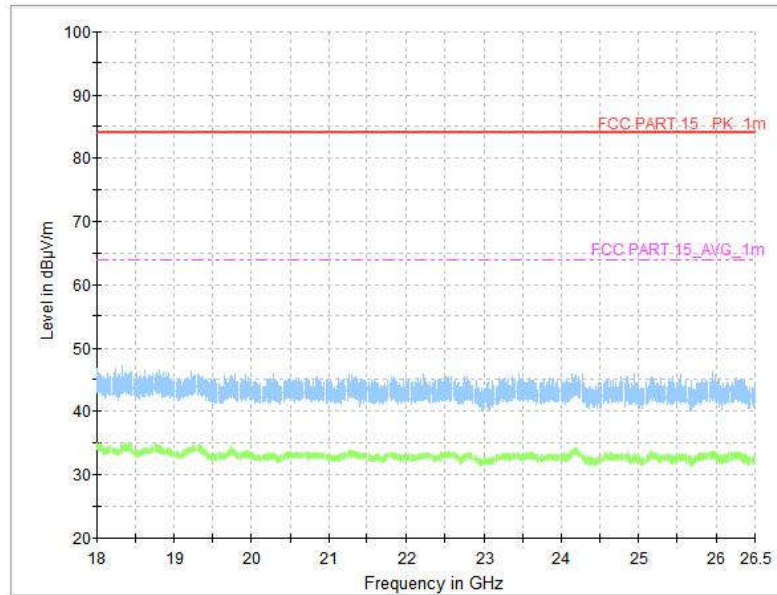


Fig.123 Radiated Spurious Emission (All Channels, 18GHz-26.5GHz)

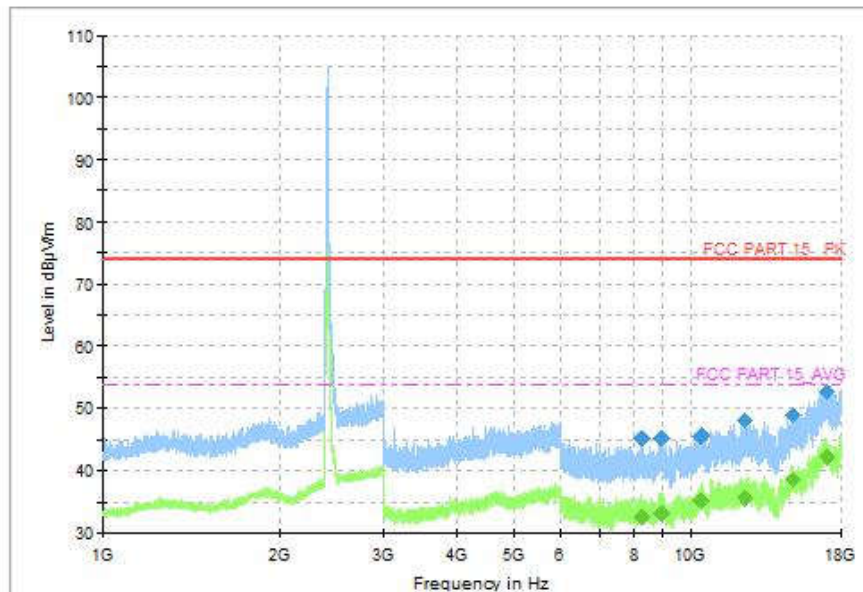


Fig.124 Radiated Spurious Emission (802.11n-HT20, CH1, 1GHz-18GHz, MIMO)

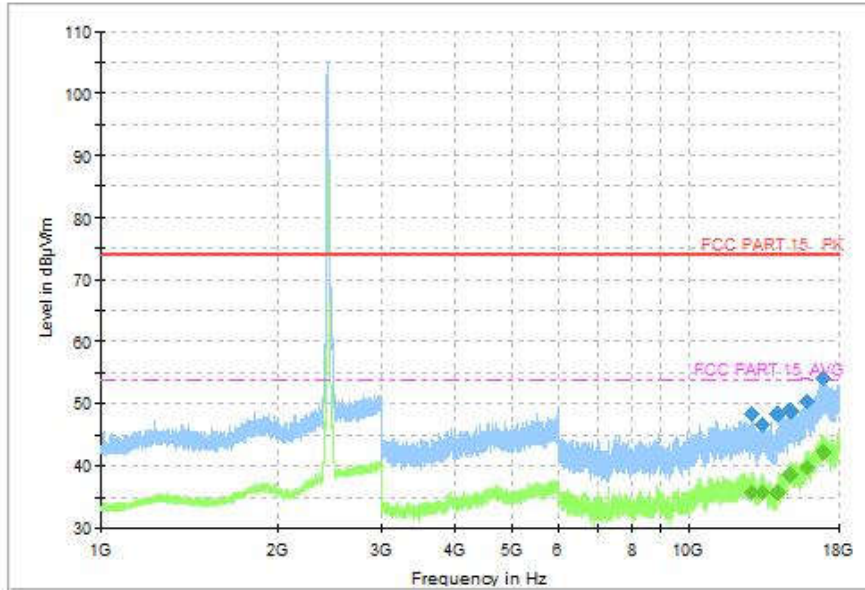


Fig.125 Radiated Spurious Emission (802.11n-HT20, CH6, 1GHz-18GHz, MIMO)

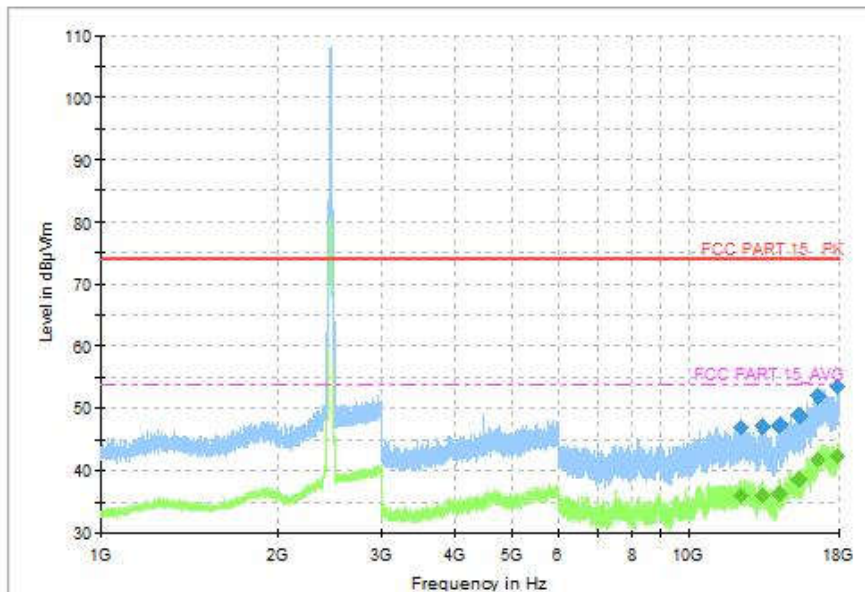


Fig.126 Radiated Spurious Emission (802.11n-HT20, CH11, 1GHz-18GHz, MIMO)

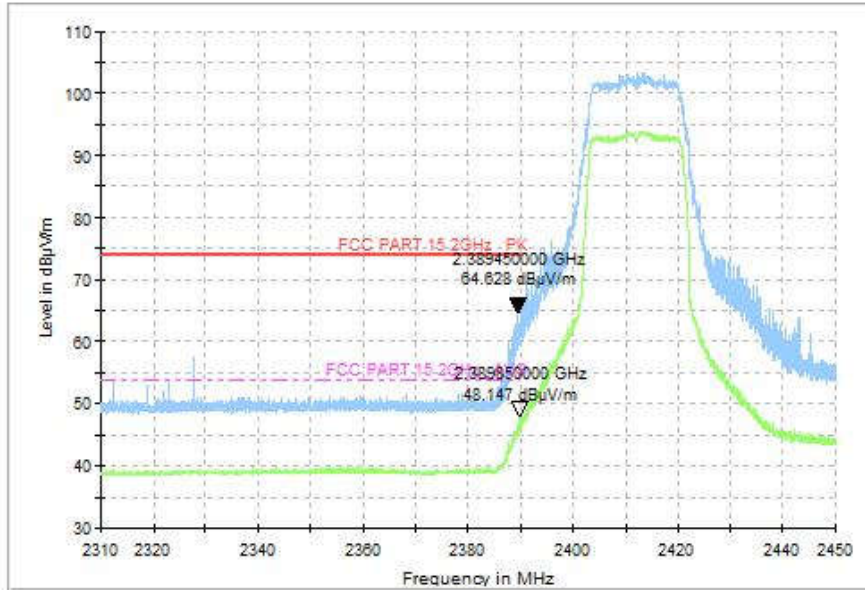


Fig.127 Radiated Restricted Band (802.11n-HT20, CH1, 2.38GHz~2.45GHz, MIMO)

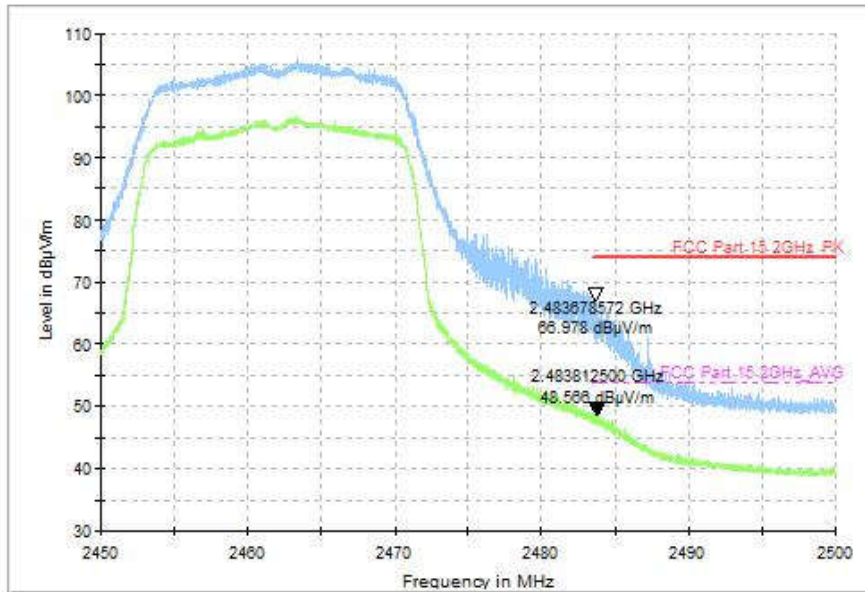


Fig.128 Radiated Restricted Band (802.11n-HT20, CH11, 2.45GHz~2.50GHz, MIMO)

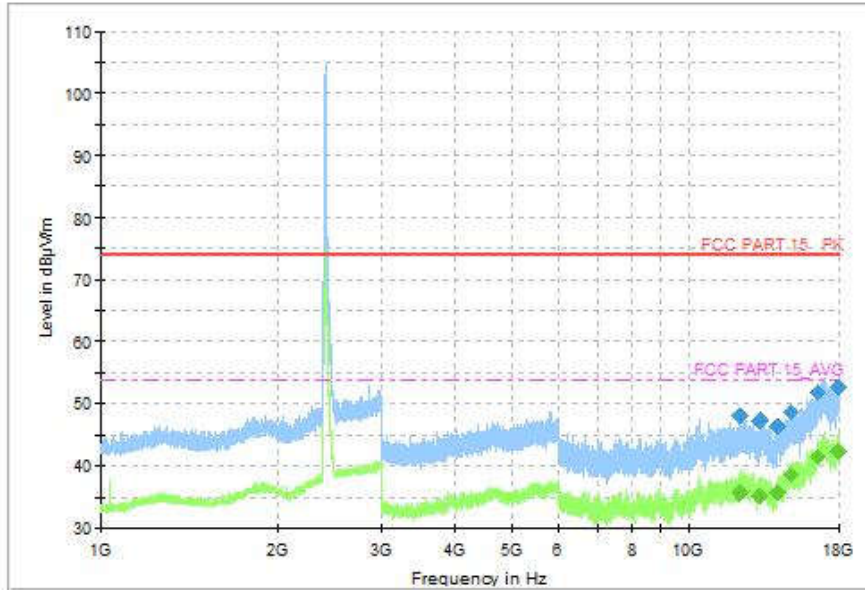


Fig.129 Radiated Spurious Emission (802.11-VHT20, CH1, 1GHz-18GHz, MIMO)

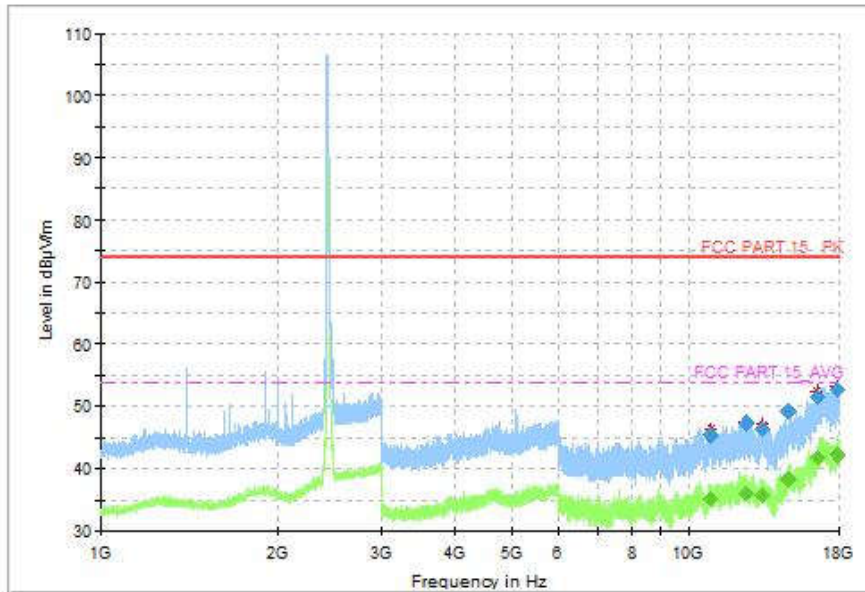


Fig.130 Radiated Spurious Emission (802.11-VHT20, CH6, 1GHz-18GHz, MIMO)

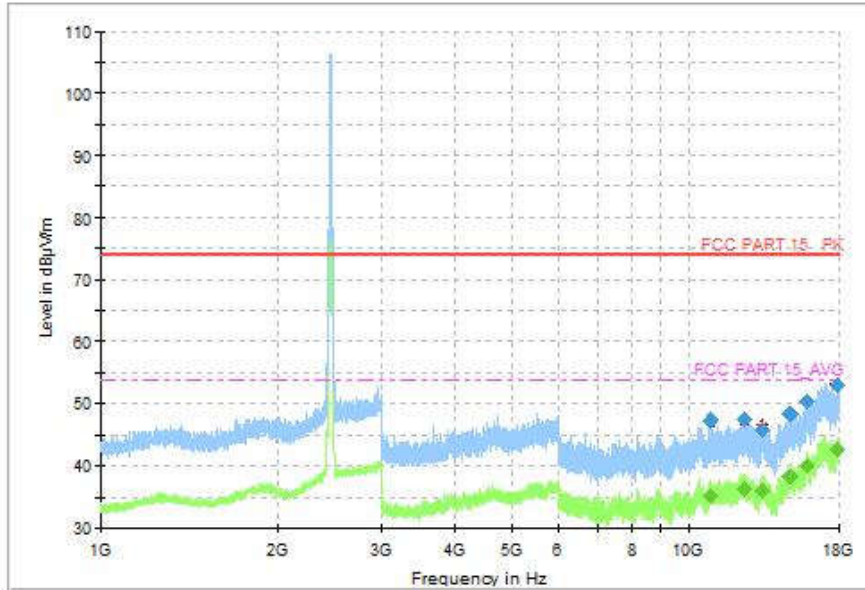


Fig.131 Radiated Spurious Emission (802.11-VHT20, CH11, 1GHz-18GHz, MIMO)

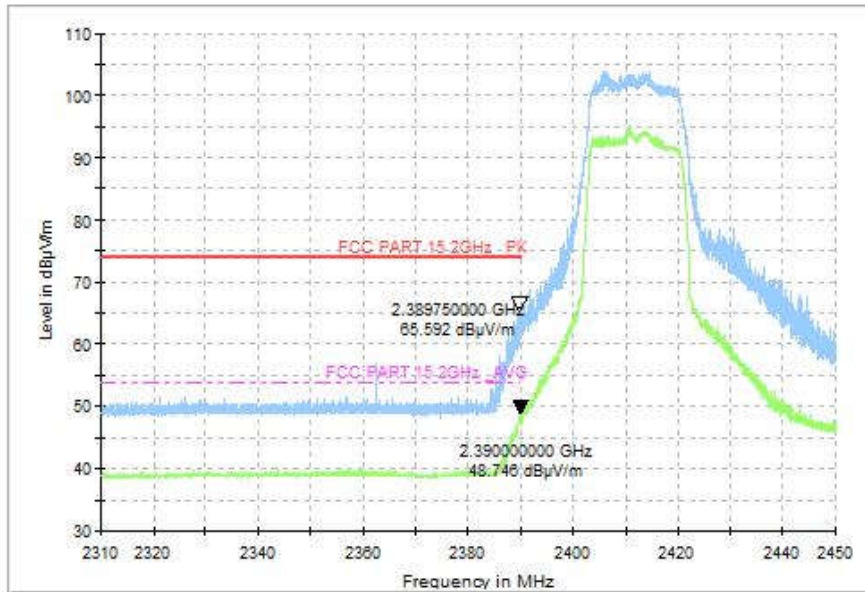


Fig.132 Radiated Restricted Band (802.11-VHT20, CH1, 2.38GHz~2.45GHz, MIMO)

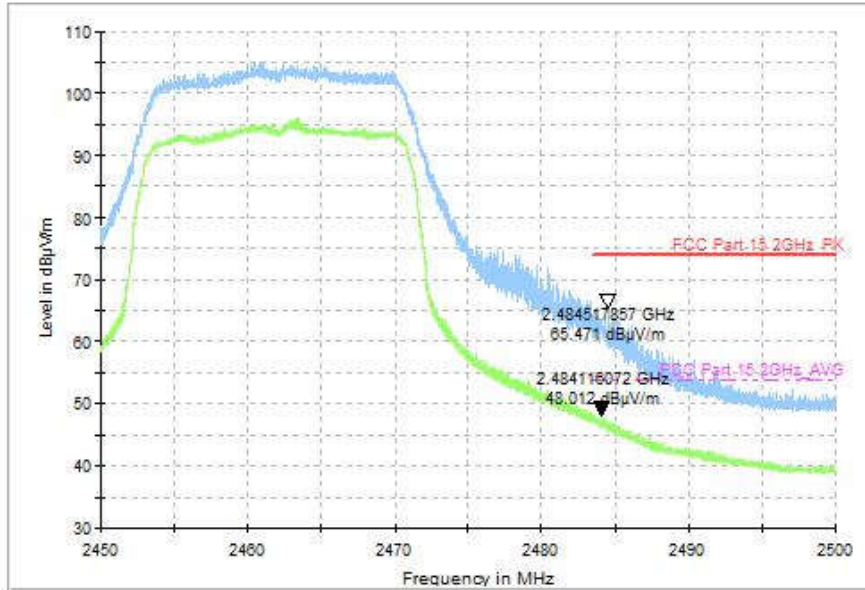


Fig.133 Radiated Restricted Band (802.11-VHT20, CH11, 2.45GHz~2.50GHz, MIMO)

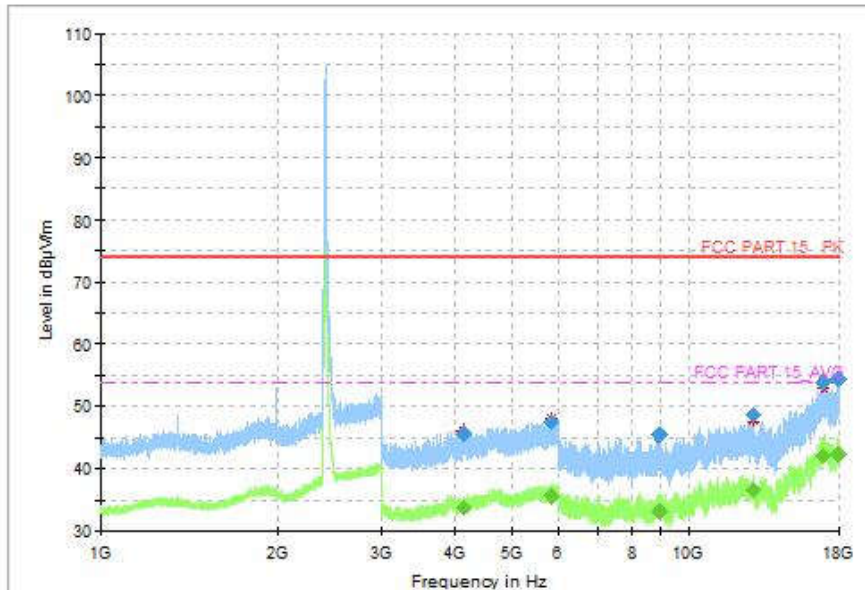


Fig.134 Radiated Spurious Emission (802.11ax-HE20, CH1, 1GHz-18GHz, MIMO)

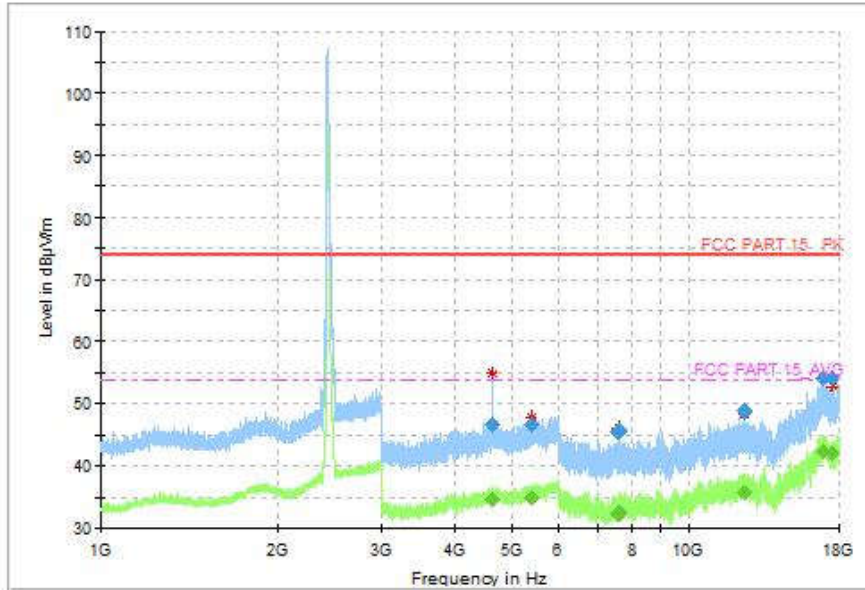


Fig.135 Radiated Spurious Emission (802.11ax-HE20, CH6, 1GHz-18GHz, MIMO)

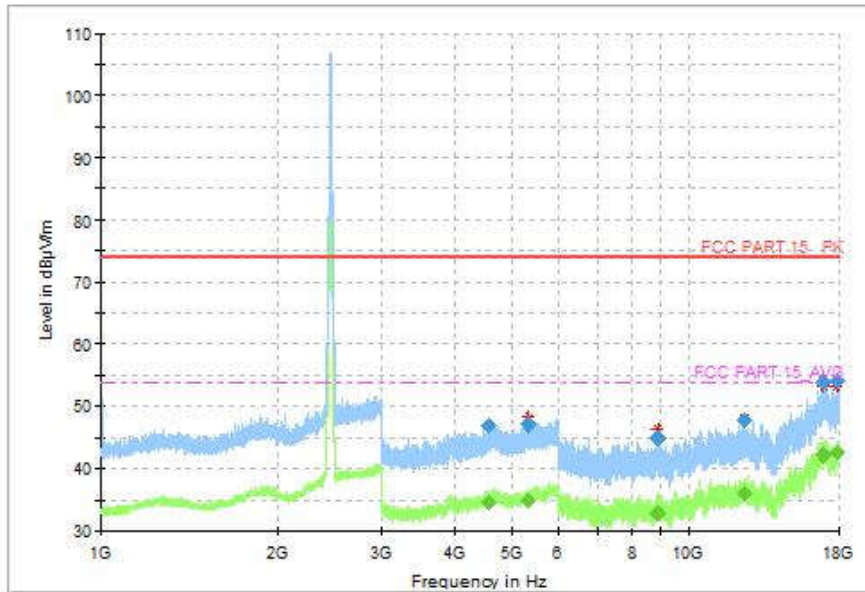


Fig.136 Radiated Spurious Emission (802.11ax-HE20, CH11, 1GHz-18GHz, MIMO)

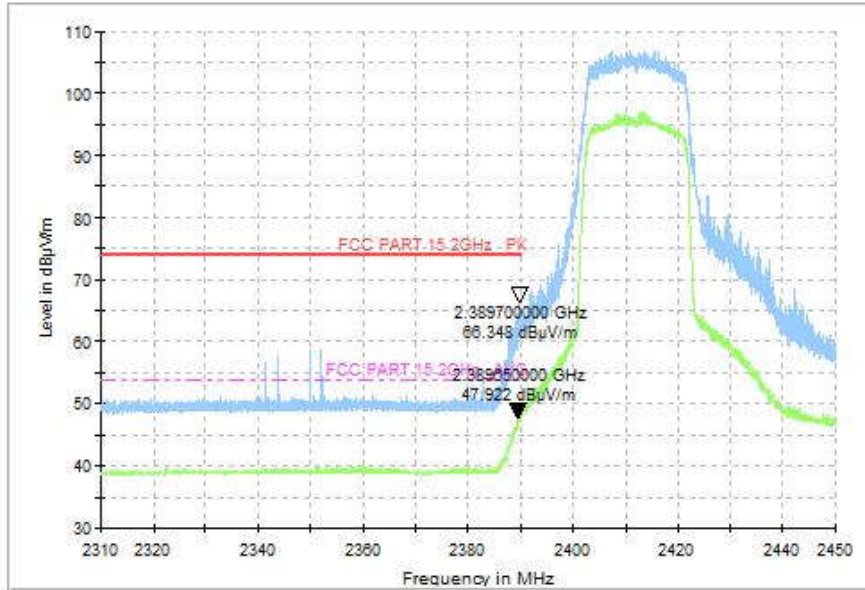


Fig.137 Radiated Restricted Band (802.11ax-HE20, CH1, 2.38GHz~2.45GHz, MIMO)

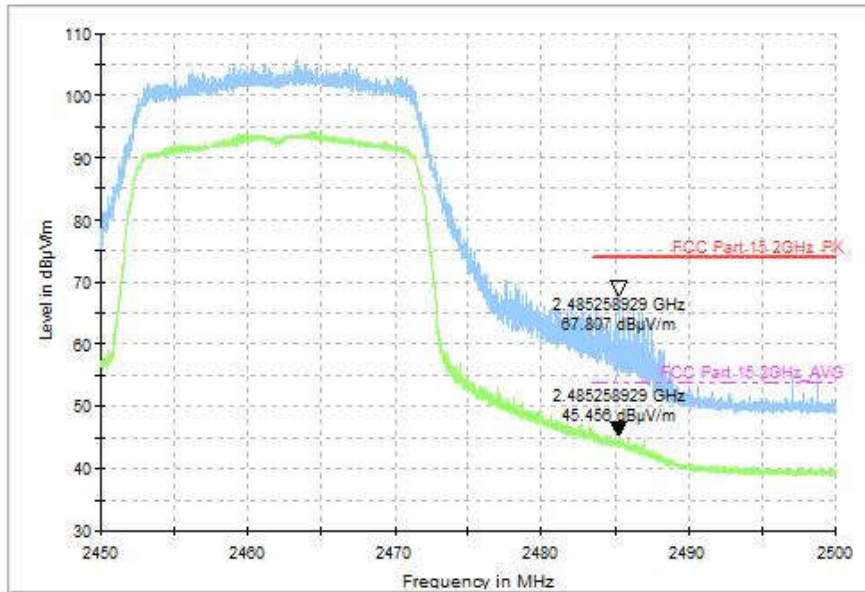


Fig.138 Radiated Restricted Band (802.11ax-HE20, CH11, 2.45GHz~2.50GHz, MIMO)

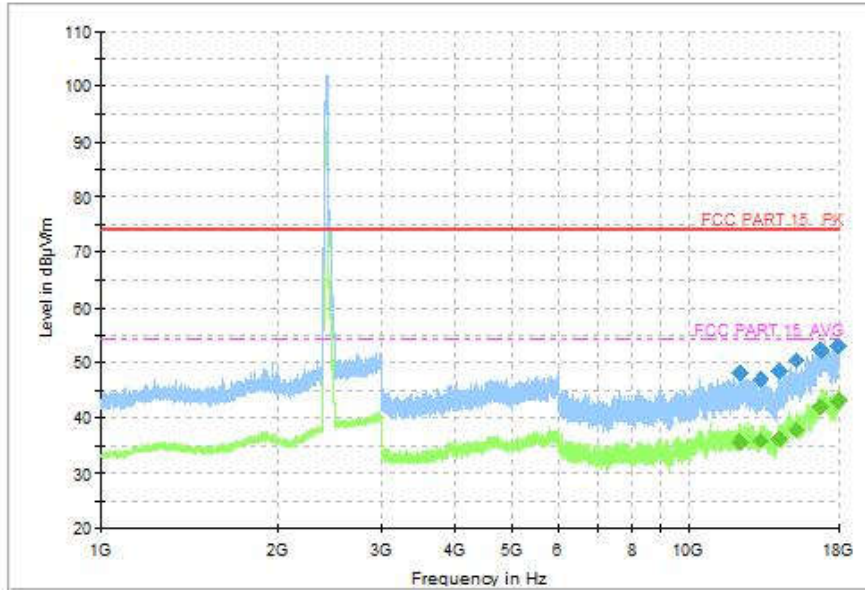


Fig.139 Radiated Spurious Emission (802.11n-HT40, CH3, 1GHz-18GHz, MIMO)

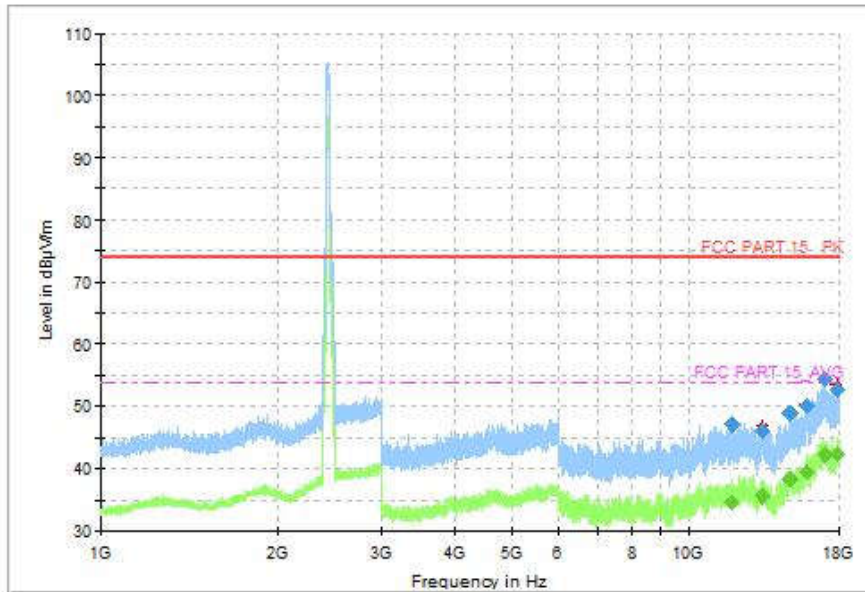


Fig.140 Radiated Spurious Emission (802.11n-HT40, CH6, 1GHz-18GHz, MIMO)

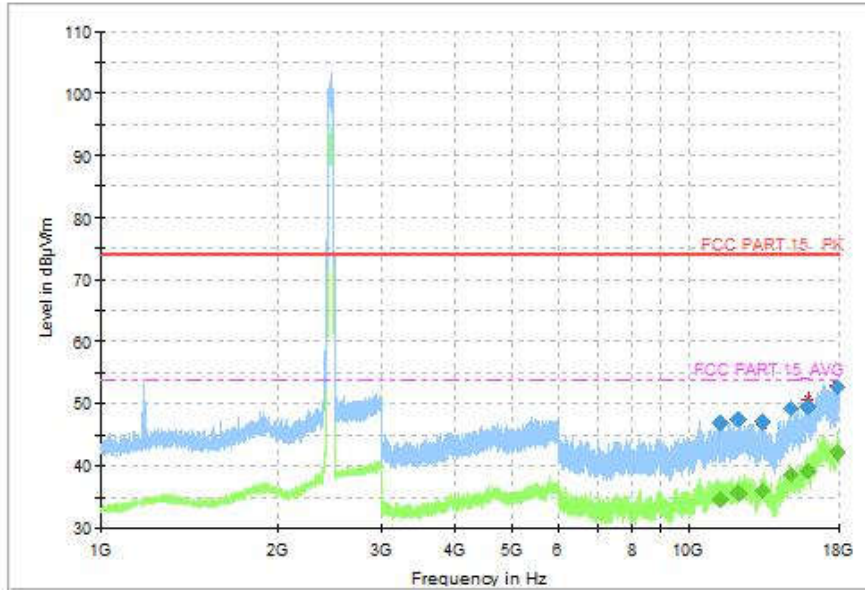


Fig.141 Radiated Spurious Emission (802.11n-HT40, CH9, 1GHz-18GHz, MIMO)

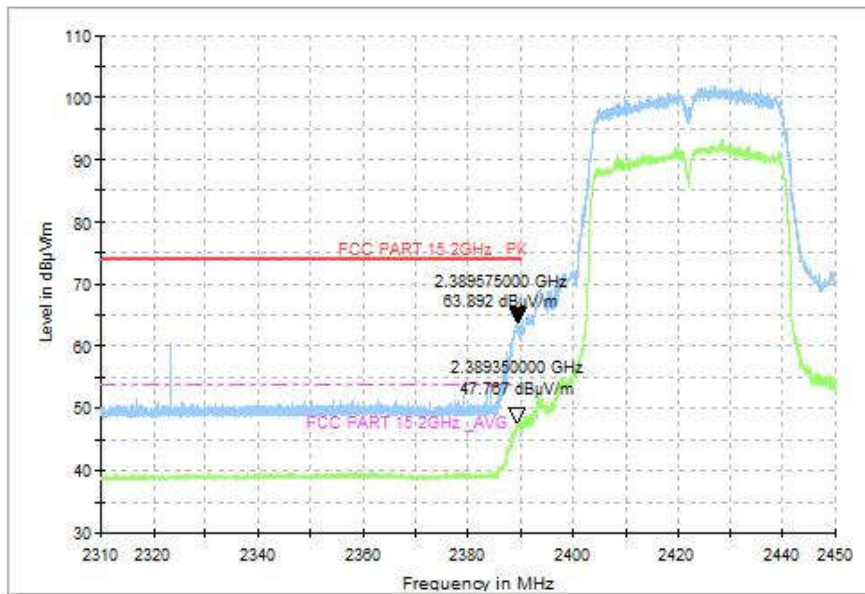


Fig.142 Radiated Restricted Band (802.11n-HT40, CH3, 2.38GHz~2.45GHz, MIMO)

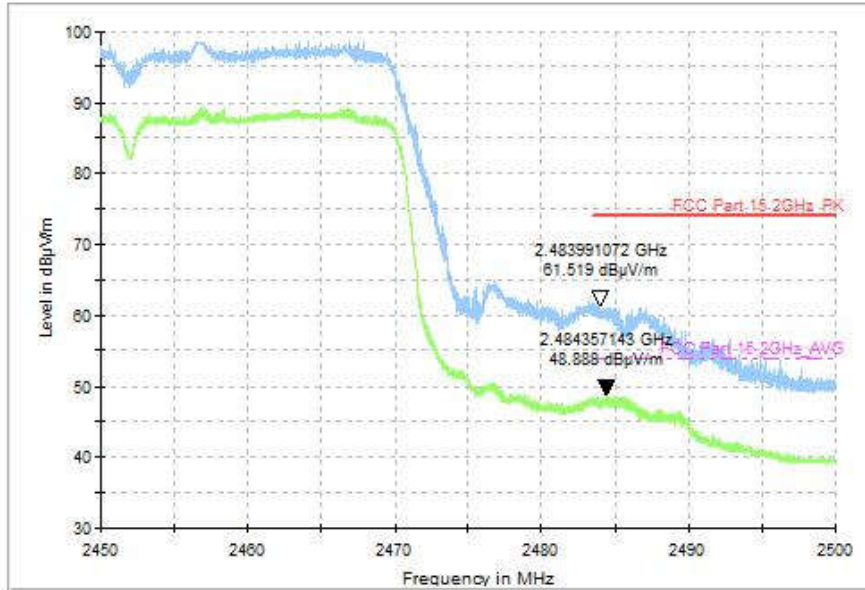


Fig.143 Radiated Restricted Band (802.11n-HT40, CH9, 2.45GHz~2.50GHz, MIMO)

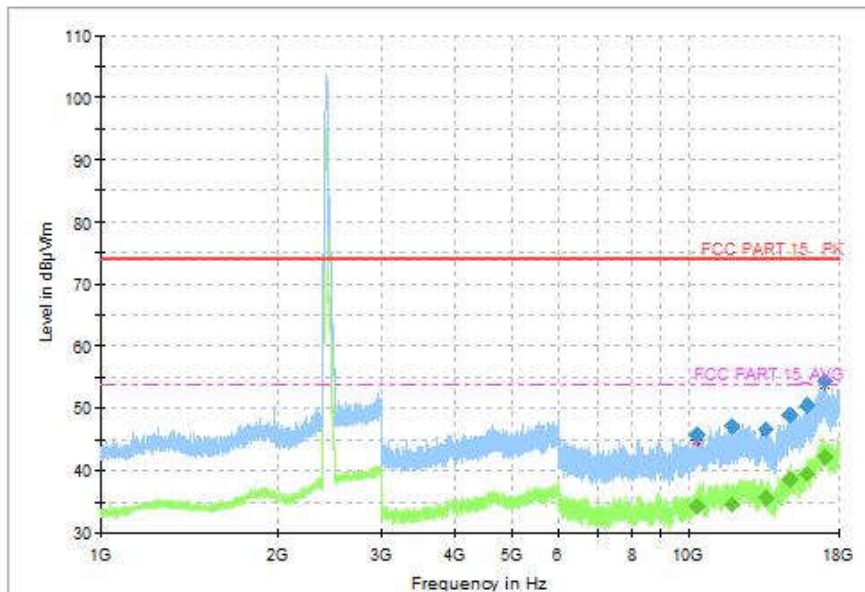


Fig.144 Radiated Spurious Emission (802.11-VHT40, CH3, 1GHz-18GHz, MIMO)

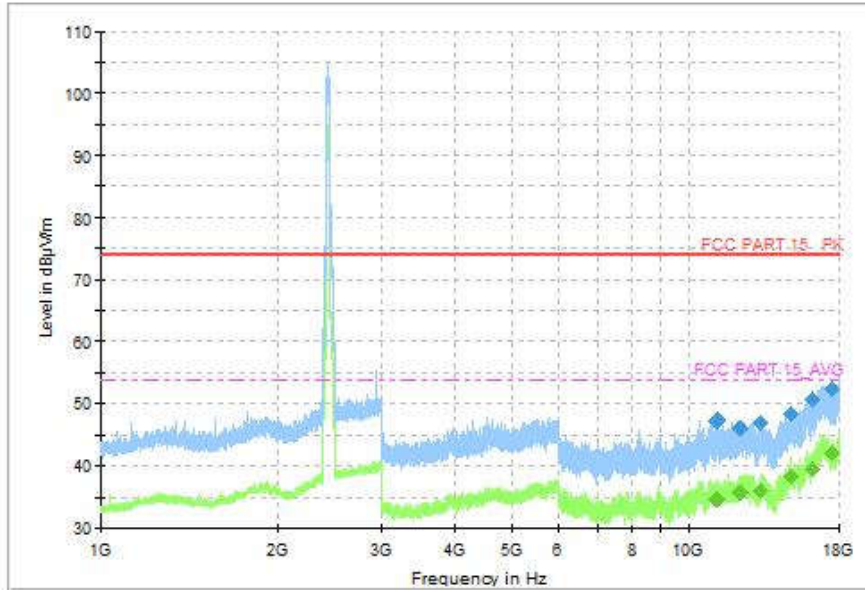


Fig.145 Radiated Spurious Emission (802.11-VHT40, CH6, 1GHz-18GHz, MIMO)

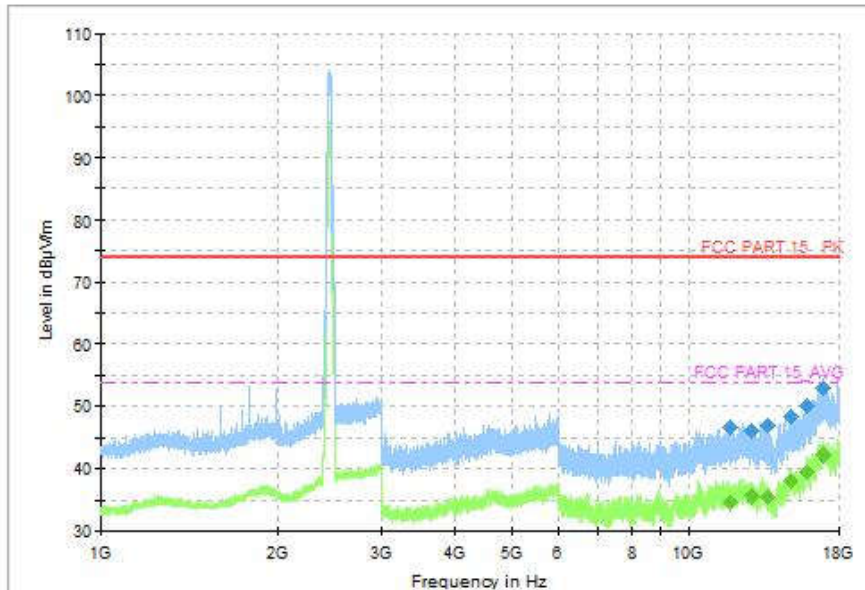


Fig.146 Radiated Spurious Emission (802.11-VHT40, CH9, 1GHz-18GHz, MIMO)

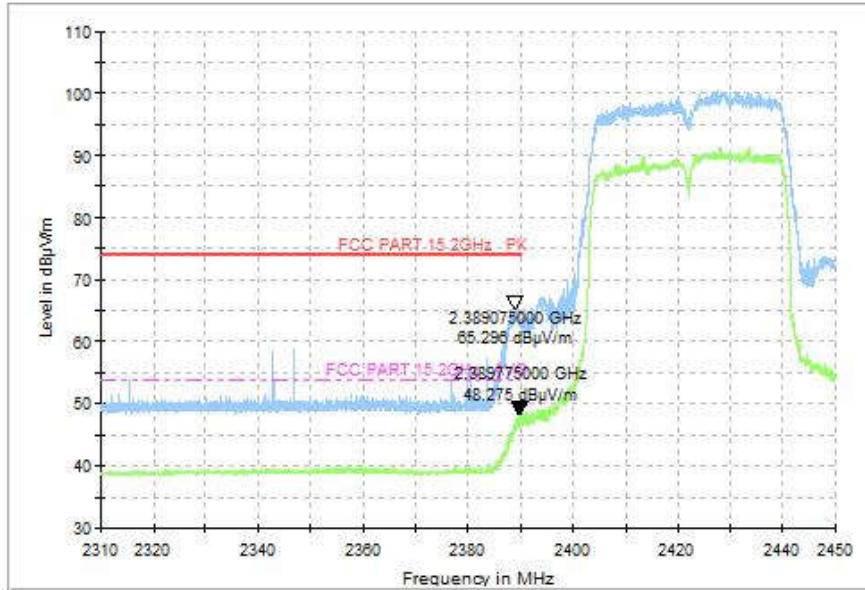


Fig.147 Radiated Restricted Band (802.11-VHT40, CH3, 2.38GHz~2.45GHz, MIMO)

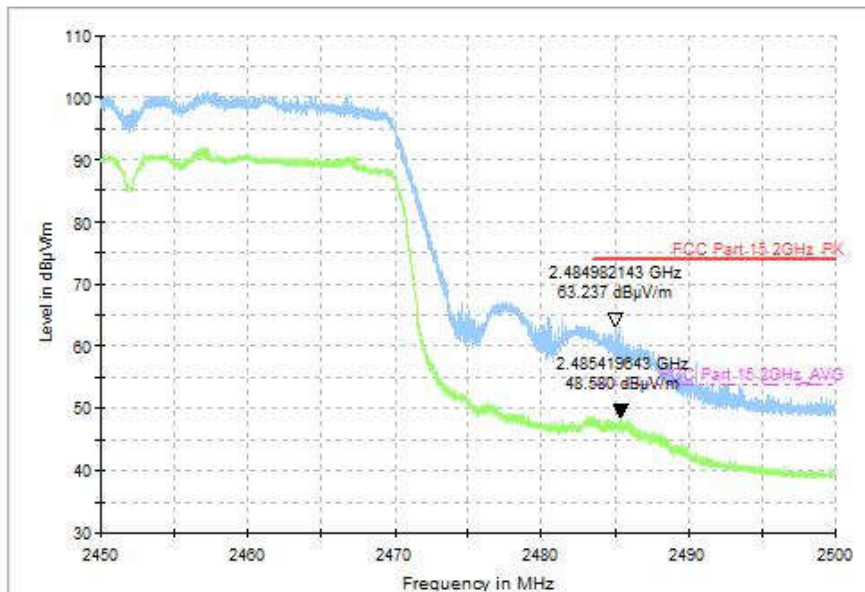


Fig.148 Radiated Restricted Band (802.11-VHT40, CH9, 2.45GHz~2.50GHz, MIMO)

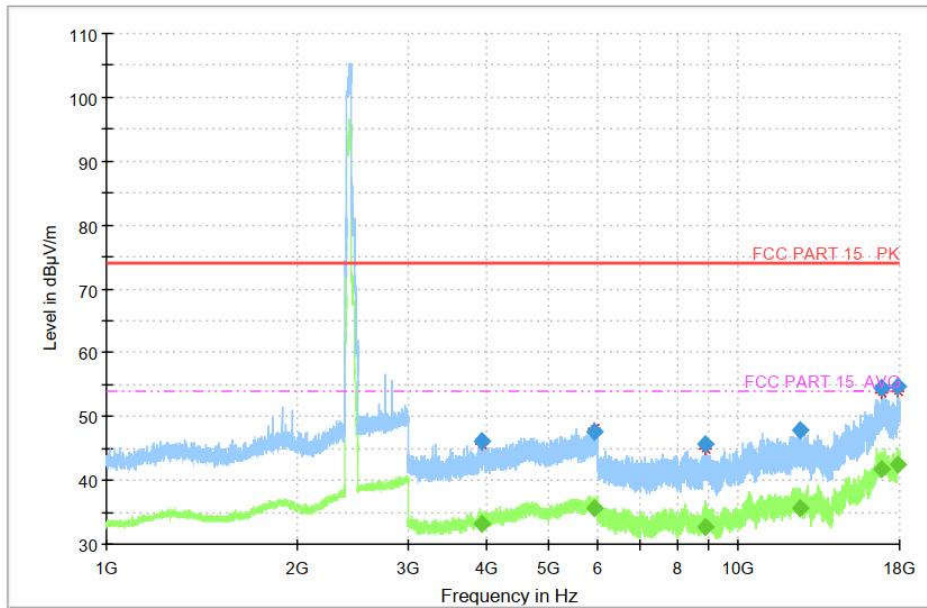


Fig.149 Radiated Spurious Emission (802.11ax-HE40, CH3, 1GHz-18GHz, MIMO)

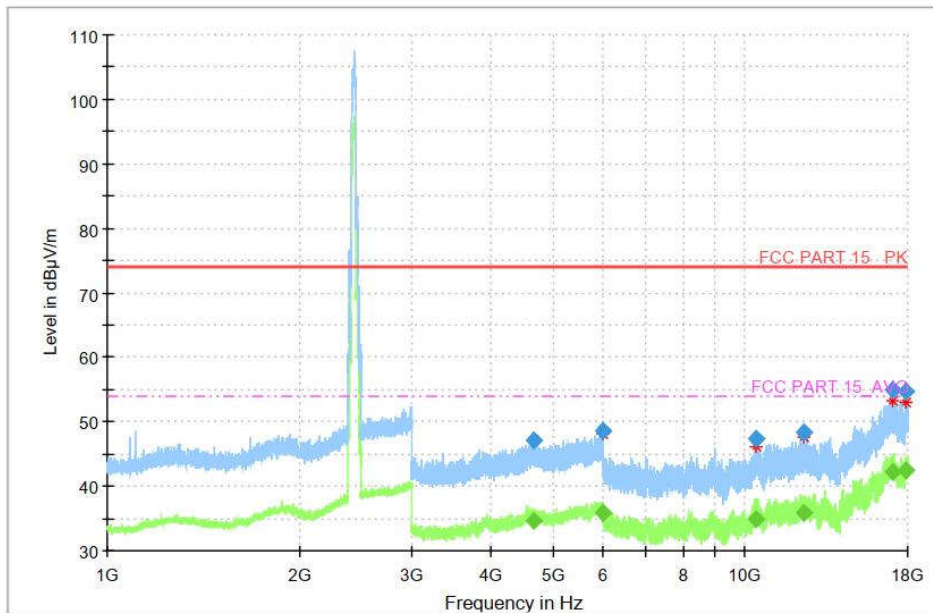


Fig.150 Radiated Spurious Emission (802.11ax-HE40, CH6, 1GHz-18GHz, MIMO)

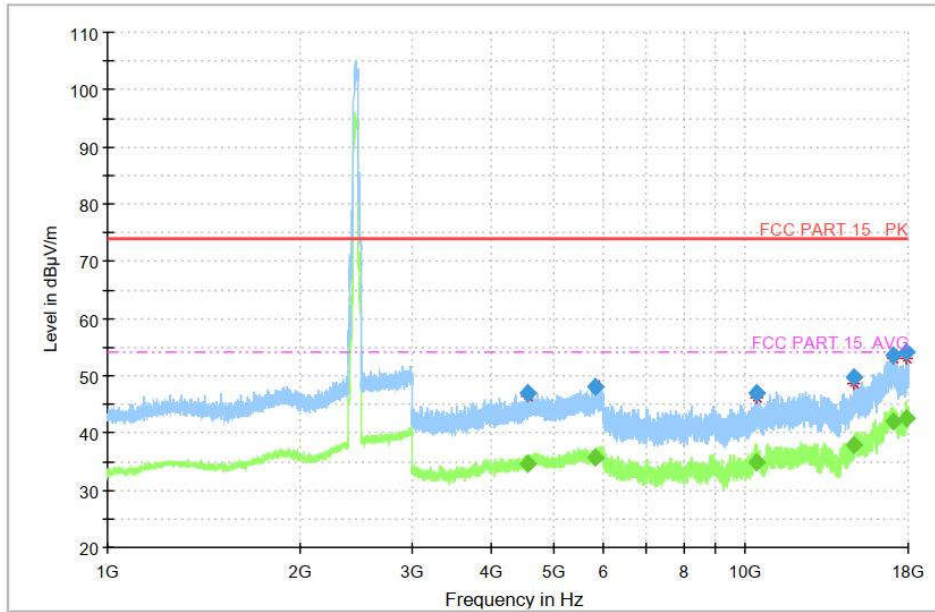


Fig.151 Radiated Spurious Emission (802.11ax-HE40, CH9, 1GHz-18GHz, MIMO)

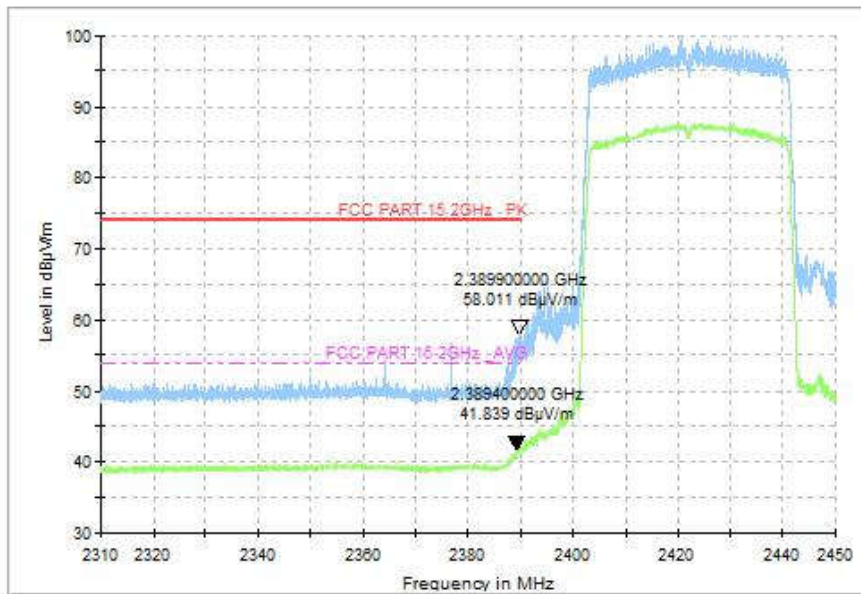


Fig.152 Radiated Restricted Band (802.11ax-HE40, CH3, 2.38GHz~2.45GHz, MIMO)

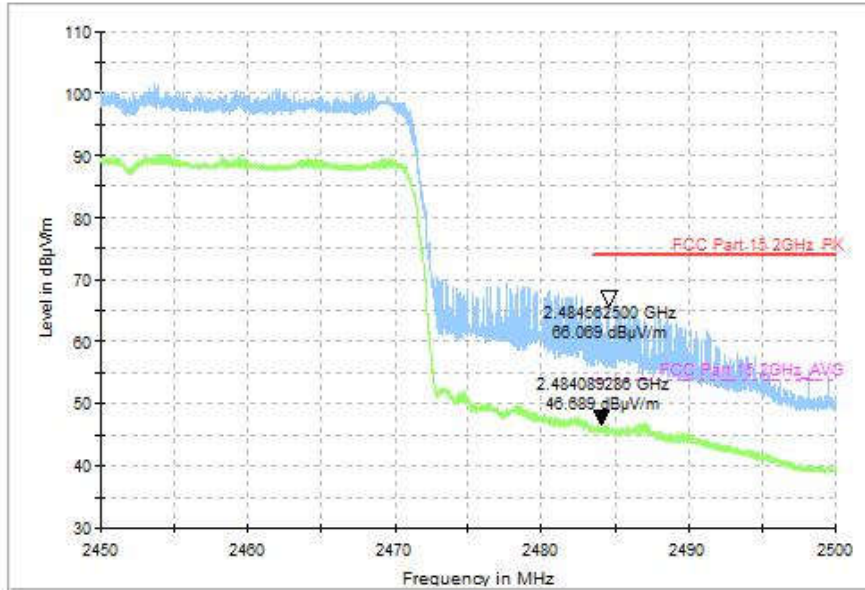


Fig.153 Radiated Restricted Band (802.11ax-HE40, CH9, 2.45GHz~2.50GHz, MIMO)

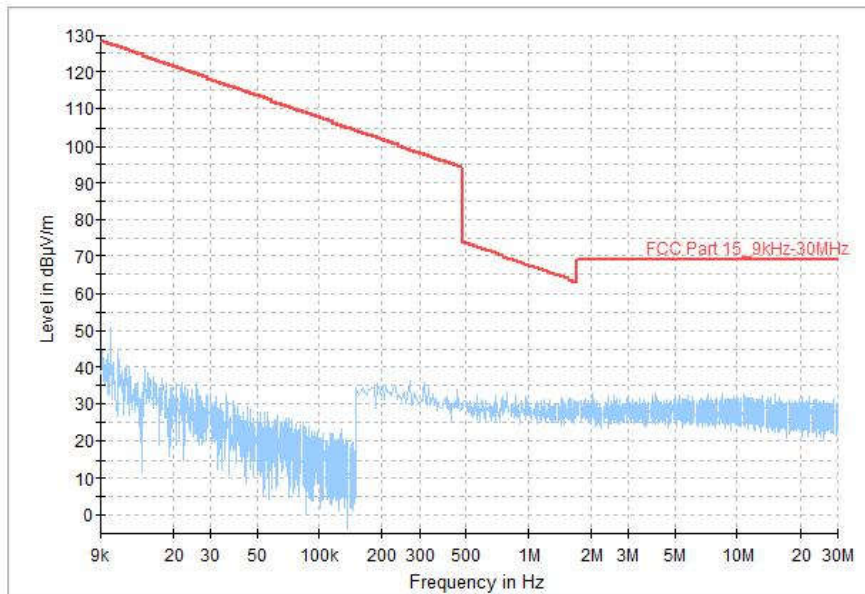


Fig.154 Radiated Spurious Emission (All Channels, 9kHz-30MHz, MIMO)

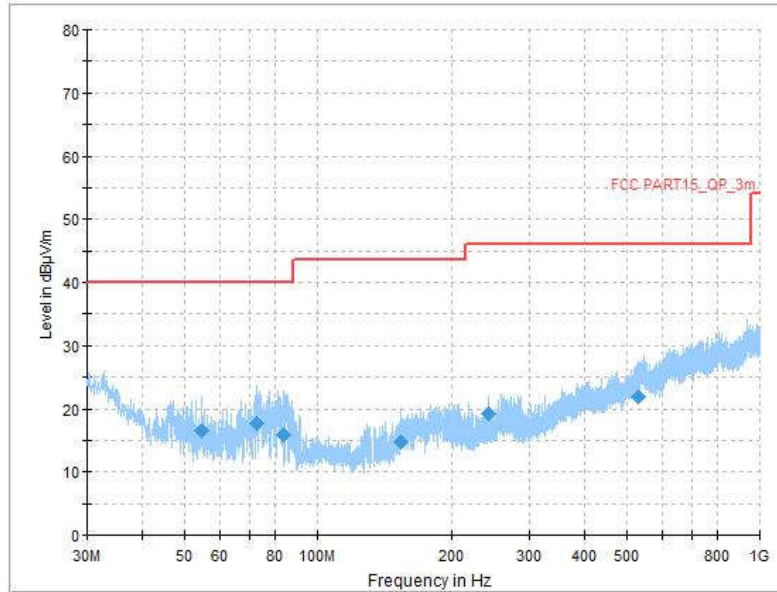


Fig.155 Radiated Spurious Emission (All Channels, 30MHz-1GHz, MIMO)

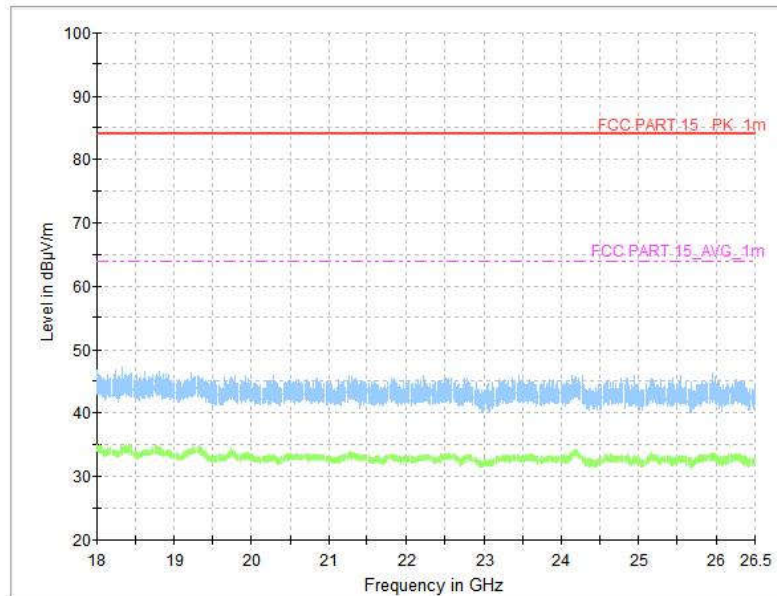


Fig.156 Radiated Spurious Emission (All Channels, 18GHz-26.5GHz, MIMO)



A.7 AC Power line Conducted Emission

Method of Measurement: See ANSI C63.10-clause 6.2

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.157	Fig.158	P
0.5 to 5	56	46			
5 to 30	60	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

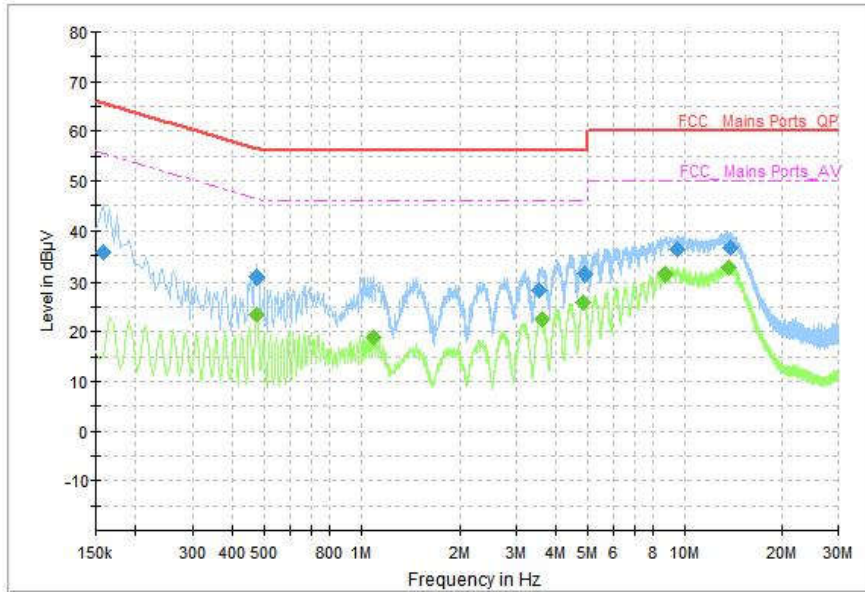


Fig.157 AC Power line Conducted Emission (Traffic)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	35.56	65.57	30.01	L1	ON	10
0.474000	30.84	56.44	25.60	N	ON	10
3.522000	28.20	56.00	27.80	N	ON	10
4.878000	31.37	56.00	24.63	N	ON	10
9.454000	36.19	60.00	23.81	L1	ON	10
13.922000	36.72	60.00	23.28	L1	ON	11

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.474000	23.48	46.44	22.96	N	ON	10
1.094000	18.76	46.00	27.24	L1	ON	10
3.594000	22.40	46.00	23.60	N	ON	10
4.850000	25.99	46.00	20.01	N	ON	10
8.738000	31.39	50.00	18.61	N	ON	10
13.726000	32.49	50.00	17.51	L1	ON	11

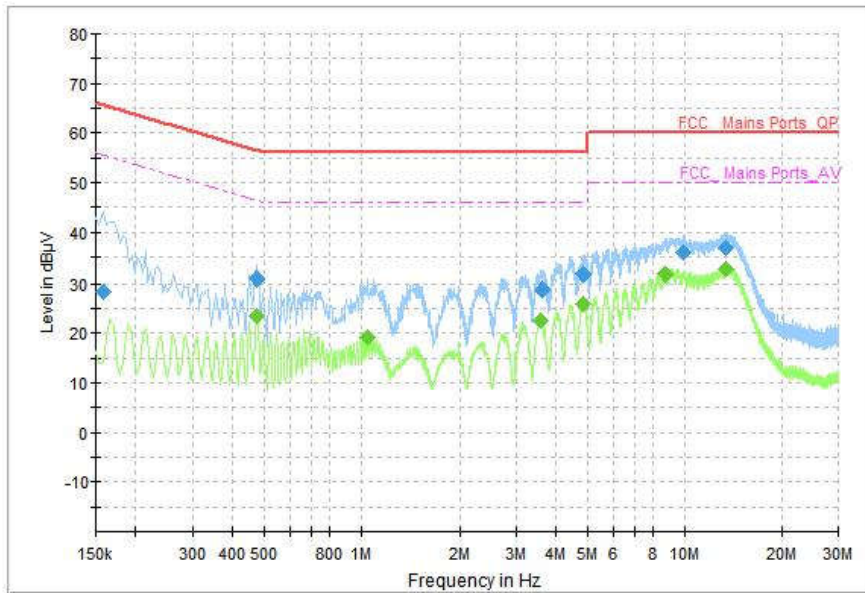


Fig.158 AC Power line Conducted Emission (Idle)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	28.39	65.57	37.17	N	ON	10
0.474000	30.91	56.44	25.53	N	ON	10
3.602000	28.74	56.00	27.26	N	ON	10
4.830000	31.60	56.00	24.40	N	ON	10
9.922000	35.99	60.00	24.01	L1	ON	10
13.390000	36.80	60.00	23.20	L1	ON	10

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.474000	23.42	46.44	23.03	N	ON	10
1.042000	19.13	46.00	26.87	L1	ON	10
3.582000	22.60	46.00	23.40	N	ON	10
4.838000	25.94	46.00	20.06	N	ON	10
8.698000	31.62	50.00	18.38	N	ON	10
13.394000	32.47	50.00	17.53	L1	ON	10

END OF REPORT