

Fig.47 Radiated Spurious Emission (802.11b, CH6, 1 GHz-3GHz)

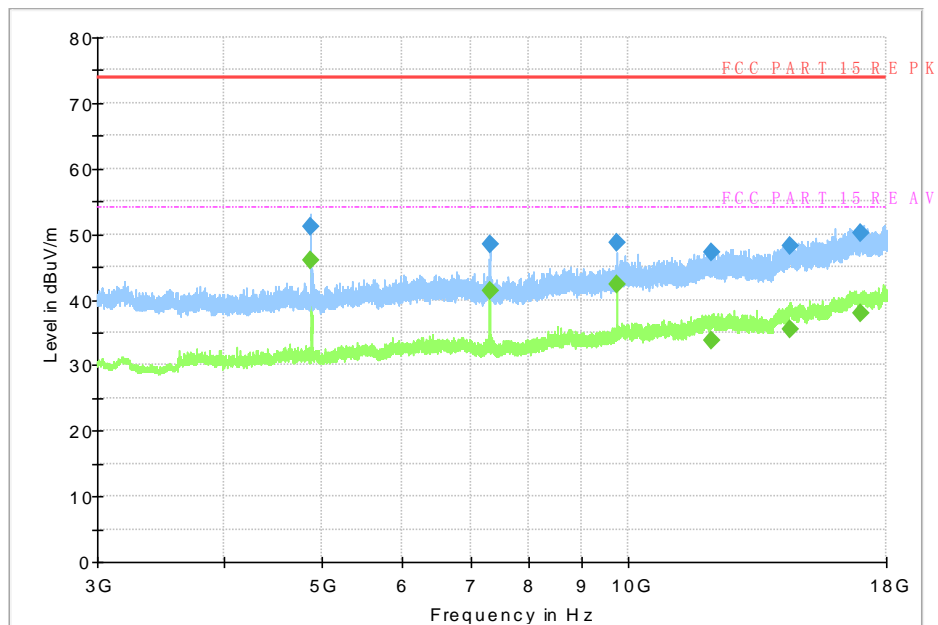


Fig.48 Radiated Spurious Emission (802.11b, CH6, 3 GHz-18GHz)

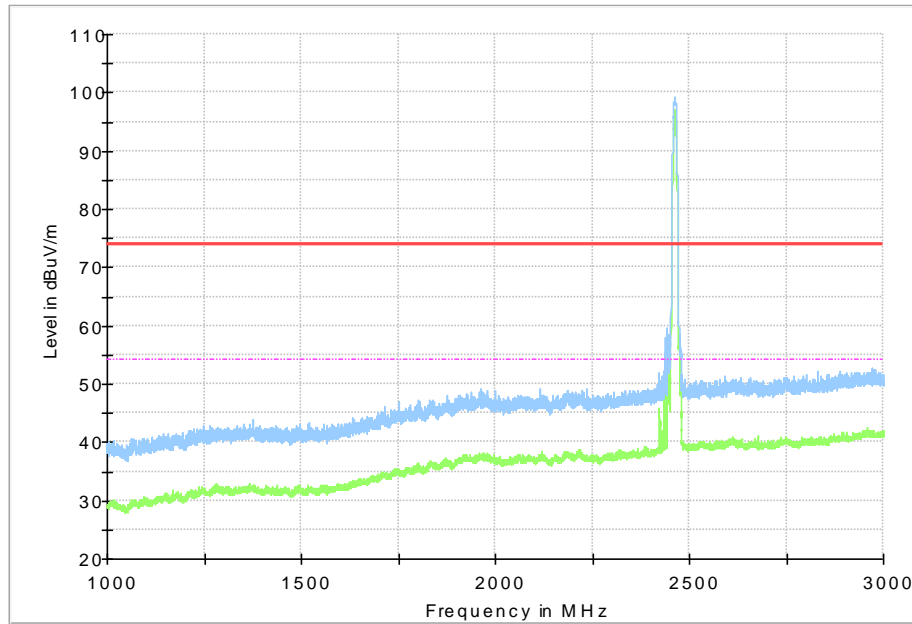


Fig.49 Radiated Spurious Emission (802.11b, CH11, 1 GHz-3GHz)

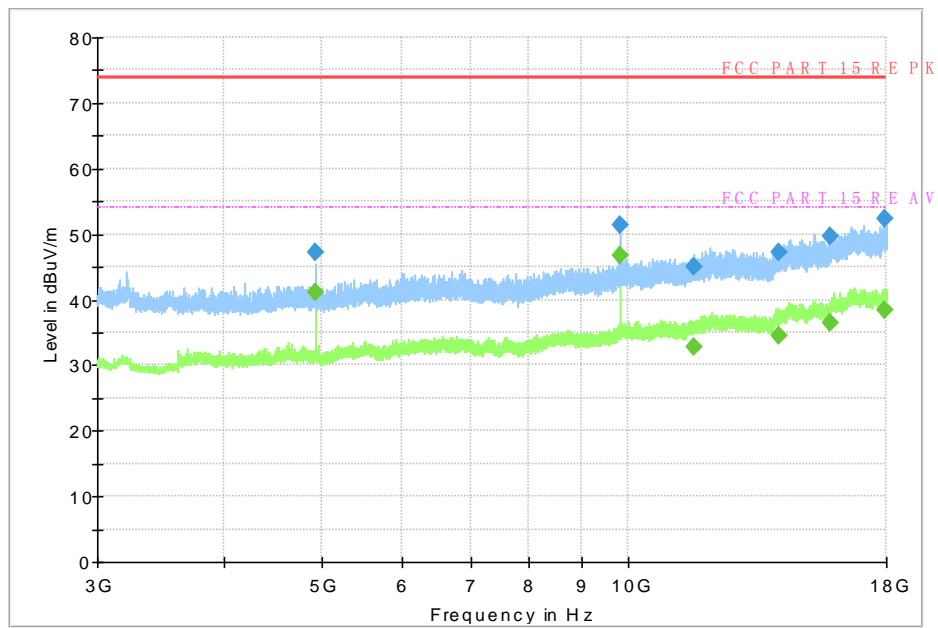


Fig.50 Radiated Spurious Emission (802.11b, CH11, 3 GHz-18GHz)

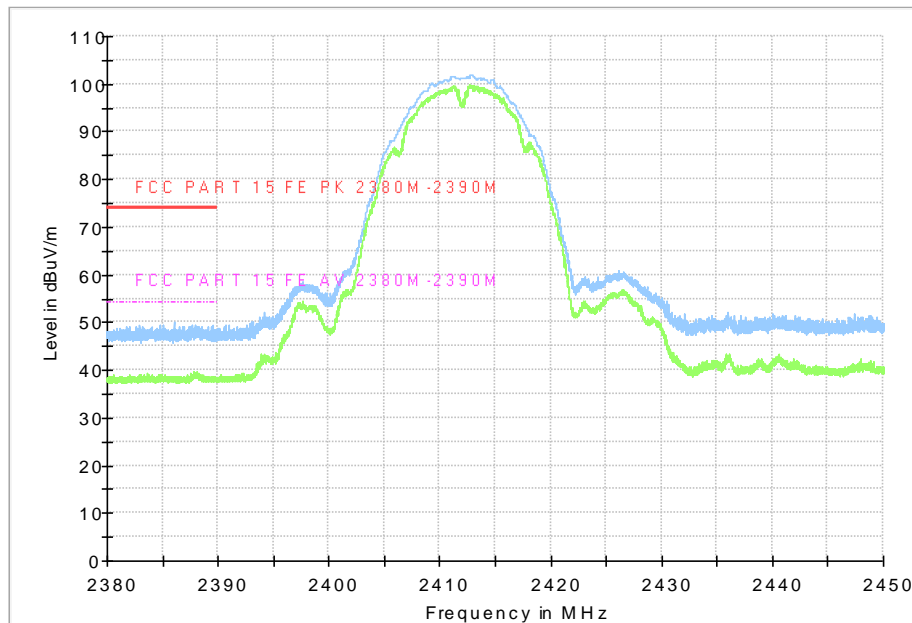


Fig.51 Radiated Restricted Band (802.11b, CH1, 2.38GHz~2.45GHz)

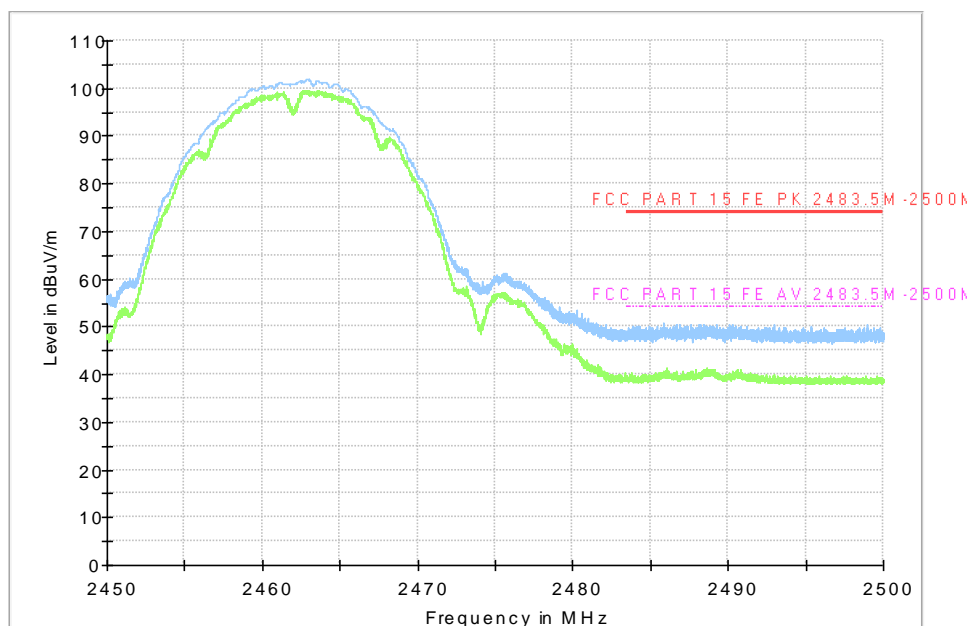


Fig.52 Radiated Restricted Band (802.11b, CH11, 2.45GHz~2.5GHz)

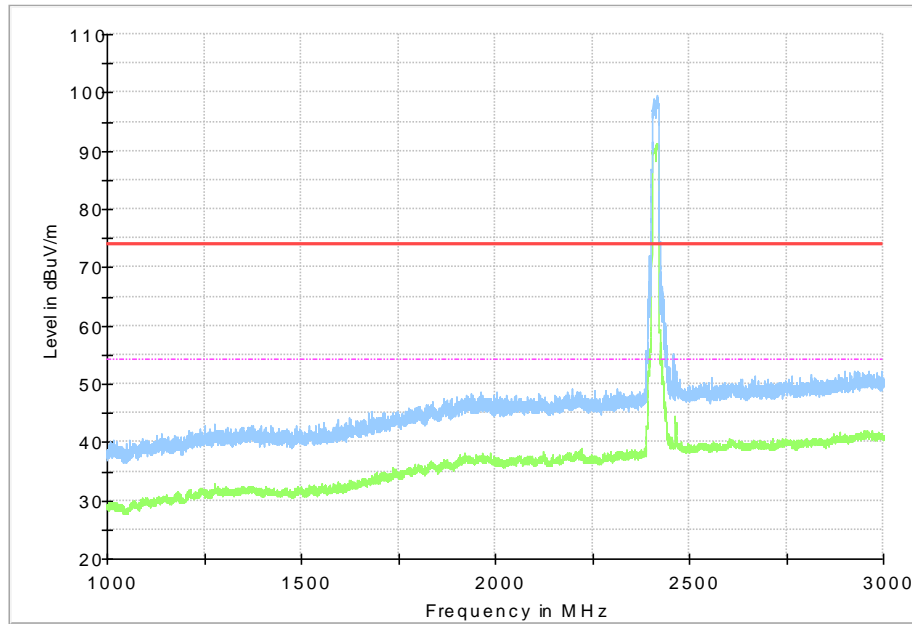


Fig.53 Radiated Spurious Emission (802.11g, CH1, 1 GHz-3 GHz)

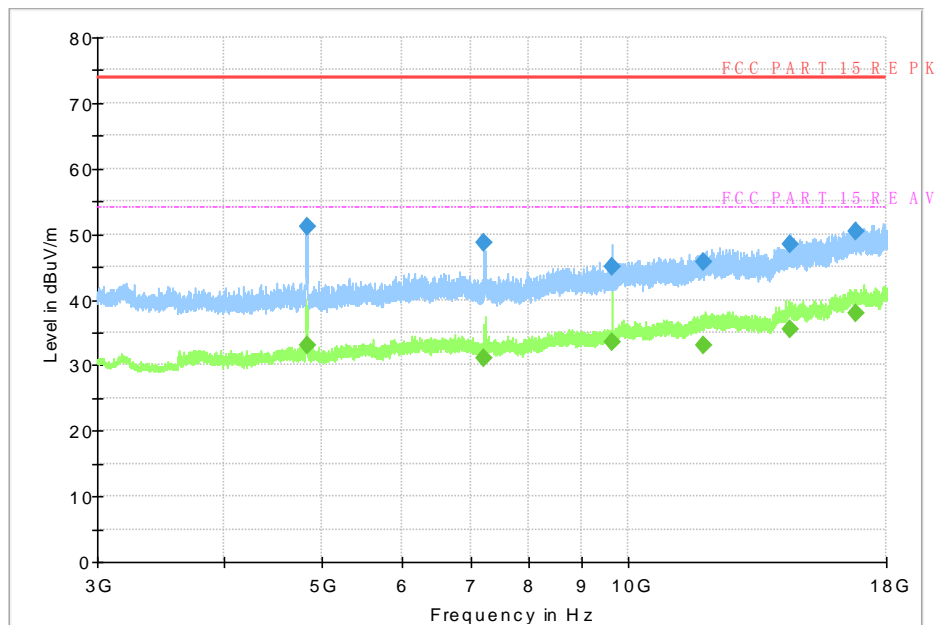


Fig.54 Radiated Spurious Emission (802.11g, CH1, 3 GHz-18 GHz)

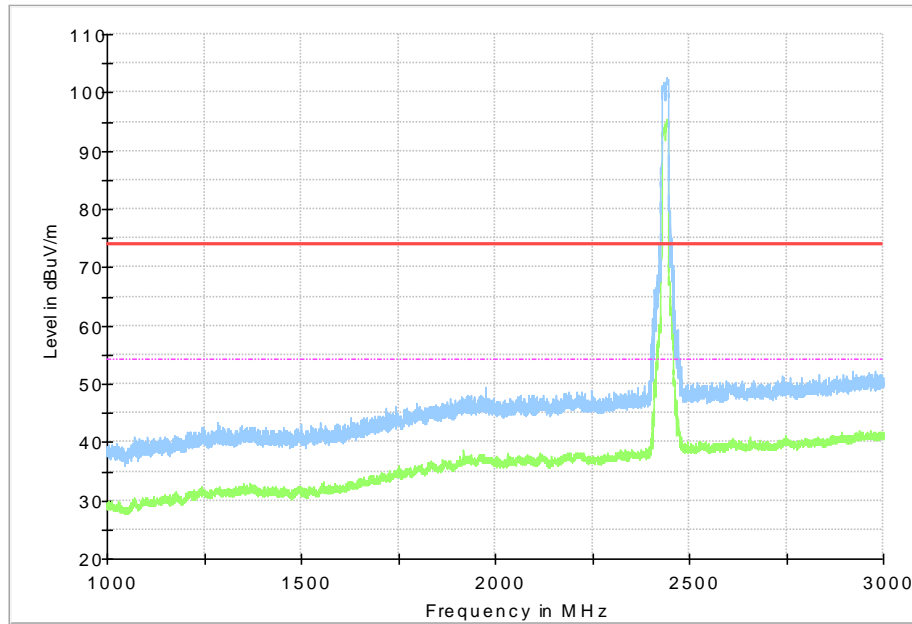


Fig.55 Radiated Spurious Emission (802.11g, CH6, 1 GHz-3 GHz)

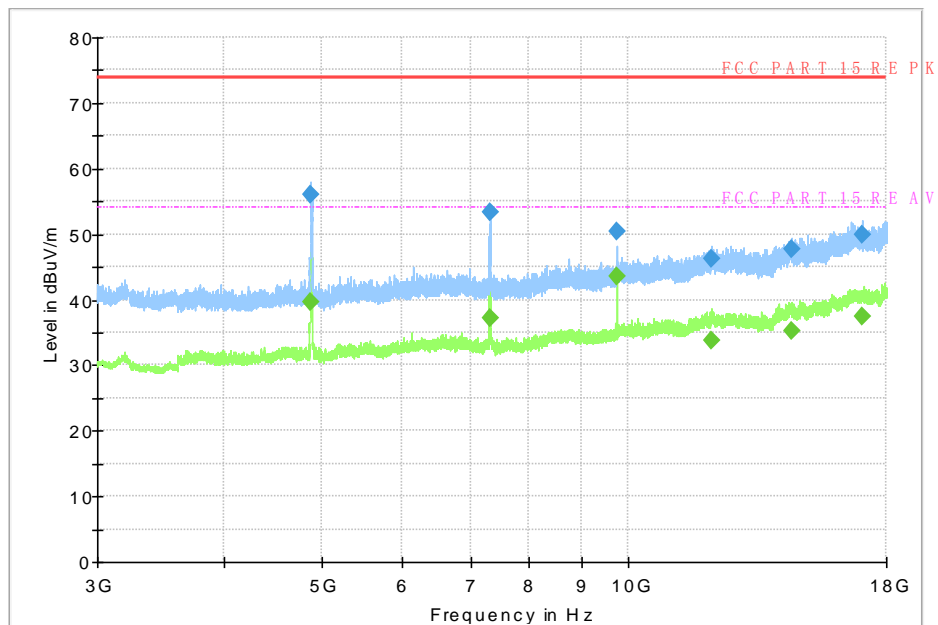


Fig.56 Radiated Spurious Emission (802.11g, CH6, 3 GHz-18 GHz)

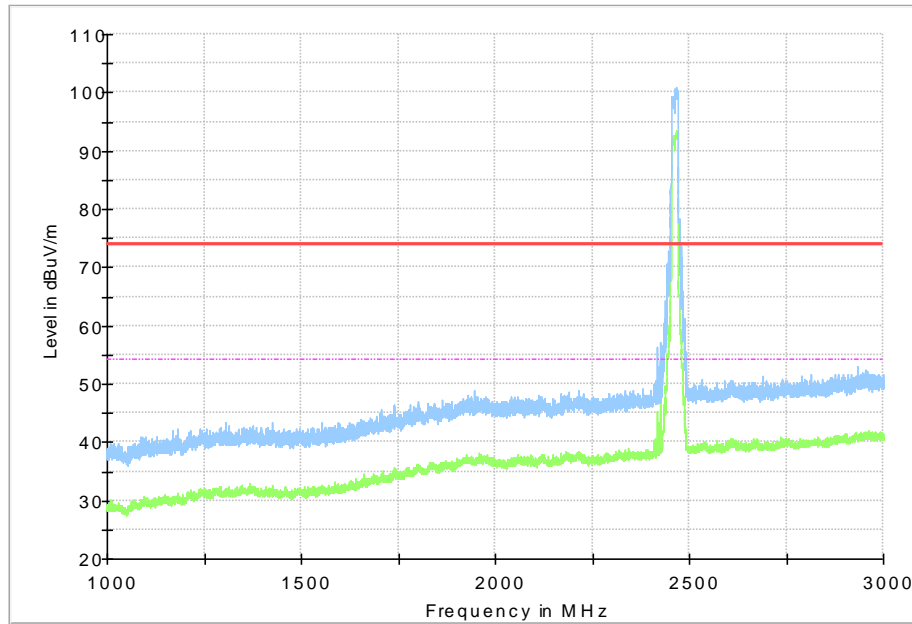


Fig.57 Radiated Spurious Emission (802.11g, CH11, 1 GHz-3 GHz)

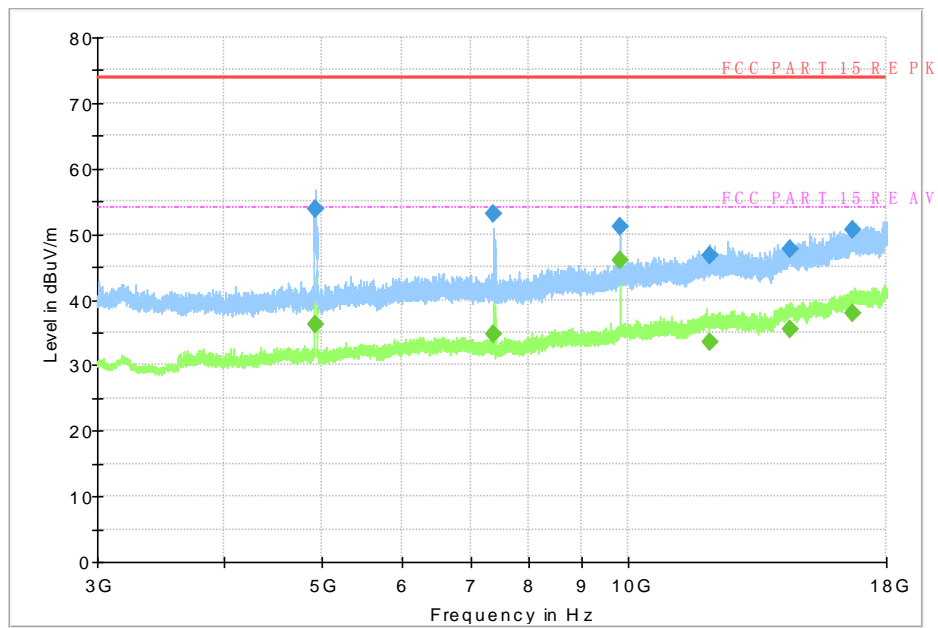


Fig.58 Radiated Spurious Emission (802.11g, CH11, 3 GHz-18 GHz)

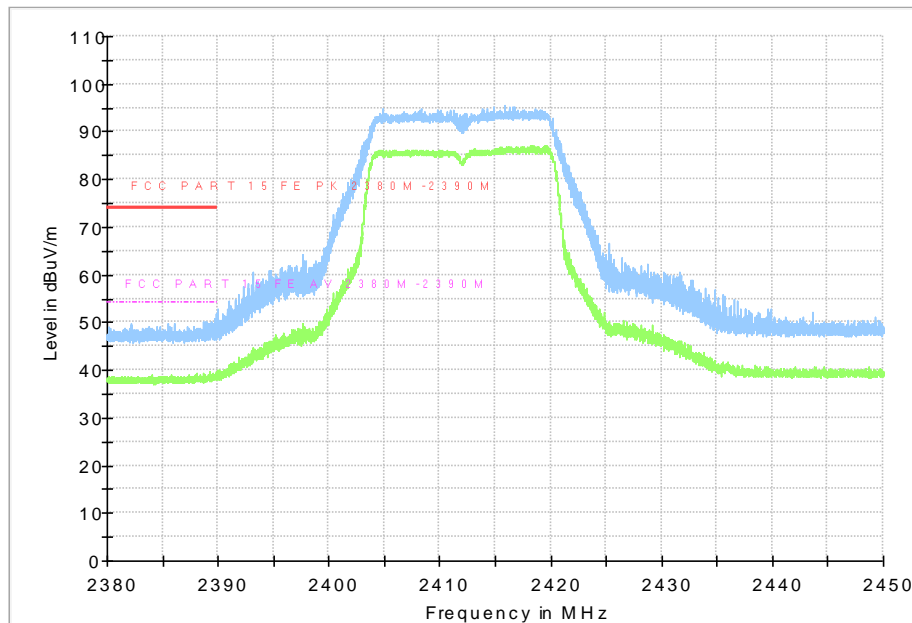


Fig.59 Radiated Restricted Band (802.11g, CH1, 2.38GHz~2.45GHz)

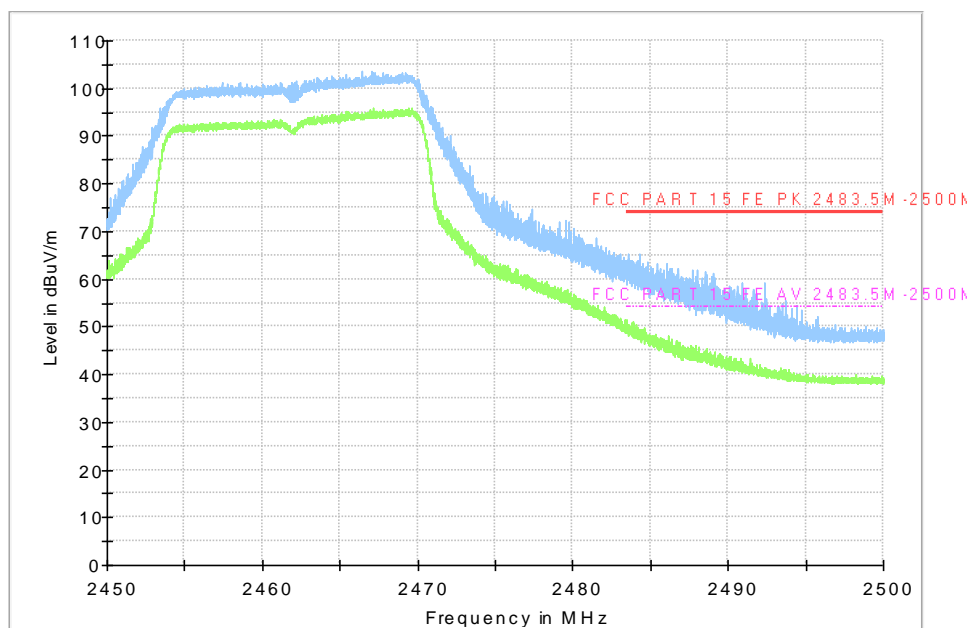


Fig.60 Radiated Restricted Band (802.11g, CH11, 2.45GHz~2.5GHz)

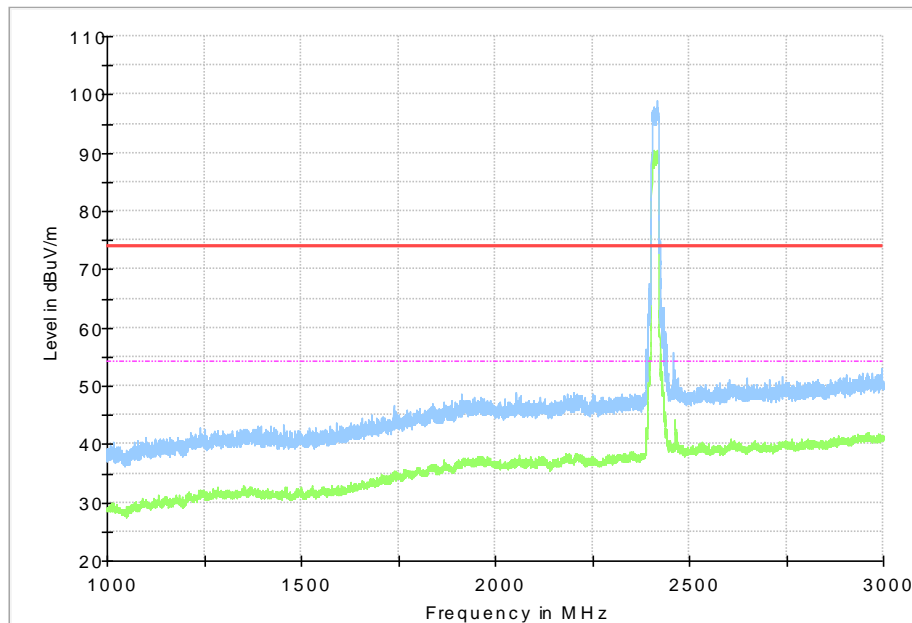


Fig.61 Radiated Spurious Emission (802.11n HT20, CH1, 1 GHz-3 GHz)

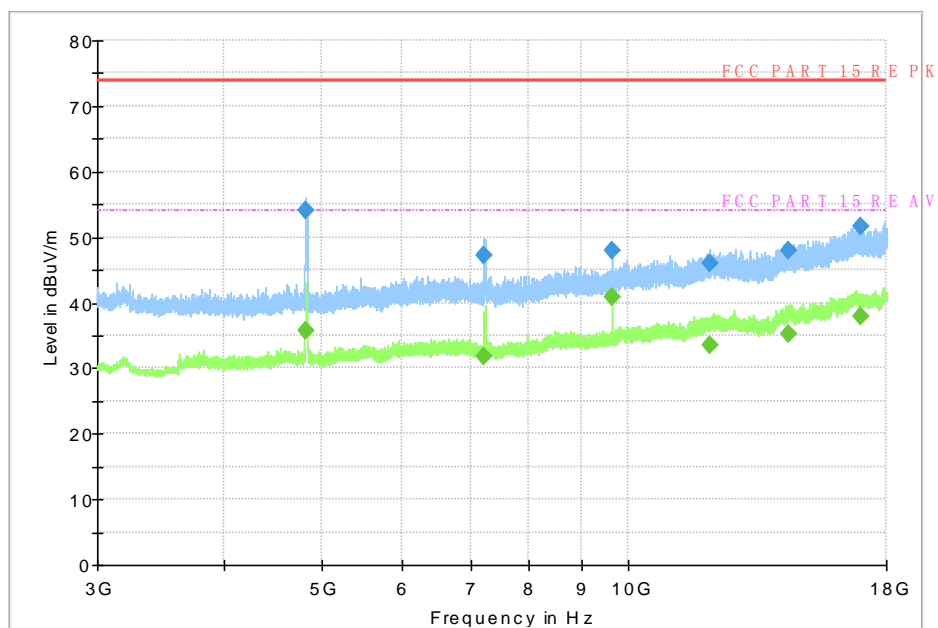


Fig.62 Radiated Spurious Emission (802.11n HT20, CH1, 3 GHz-18 GHz)

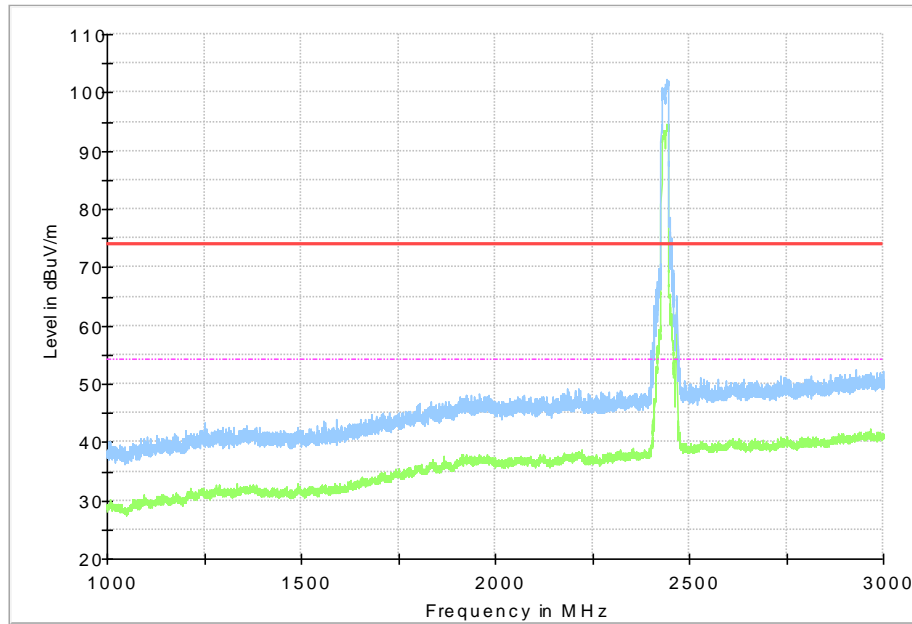


Fig.63 Radiated Spurious Emission (802.11n HT20, CH6, 1 GHz-3 GHz)

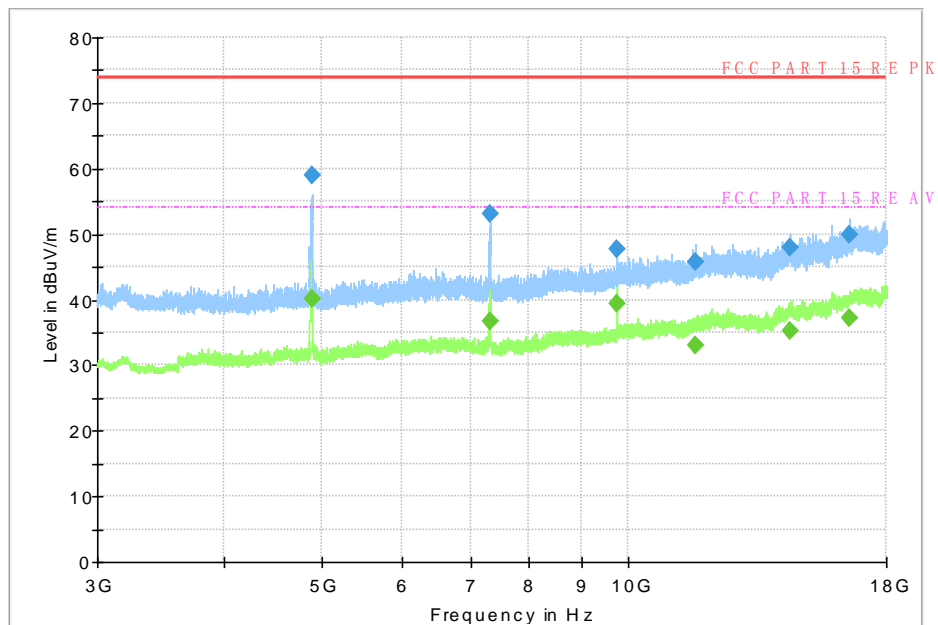


Fig.64 Radiated Spurious Emission (802.11n HT20, CH6, 3 GHz-18 GHz)

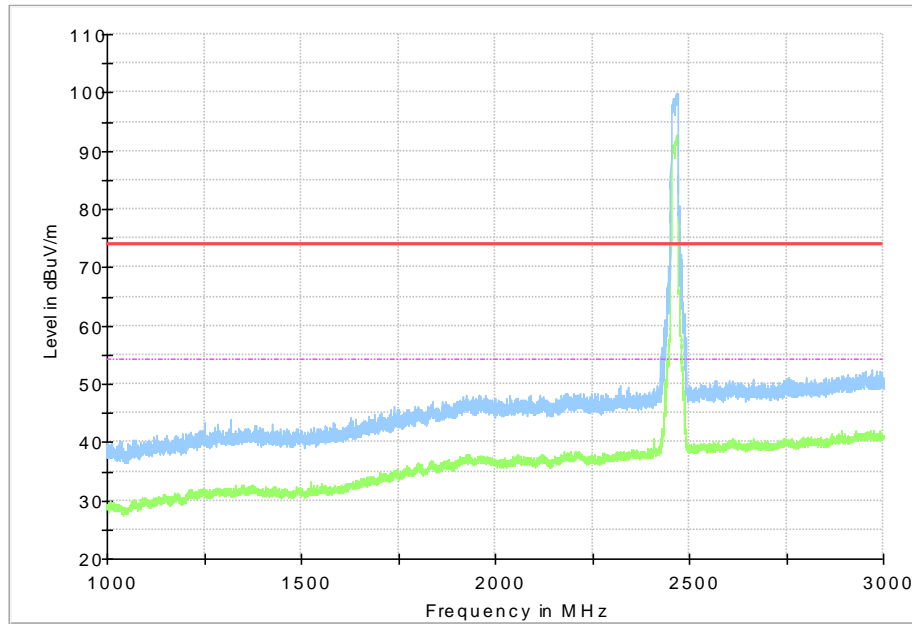


Fig.65 Radiated Spurious Emission (802.11n HT20, CH11, 1 GHz-3 GHz)

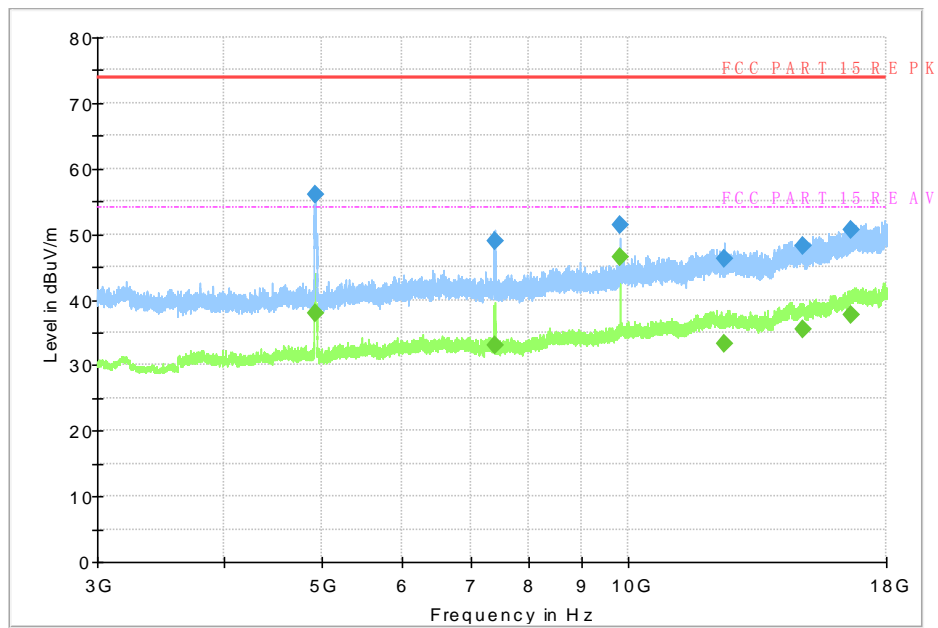


Fig.66 Radiated Spurious Emission (802.11n HT20, CH11, 3 GHz-18 GHz)

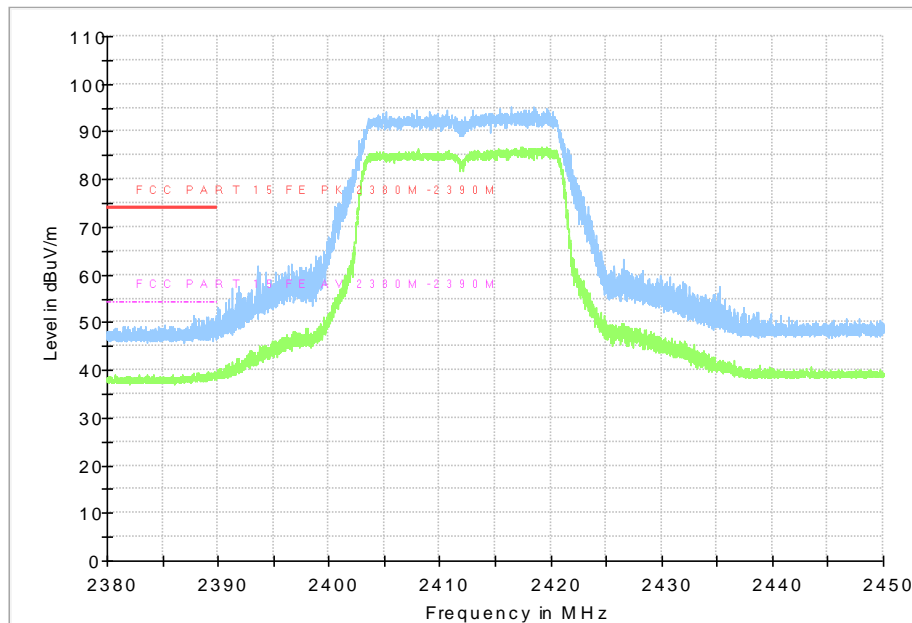


Fig.67 Radiated Restricted Band (802.11n HT20, CH1, 2.38GHz~2.45GHz)

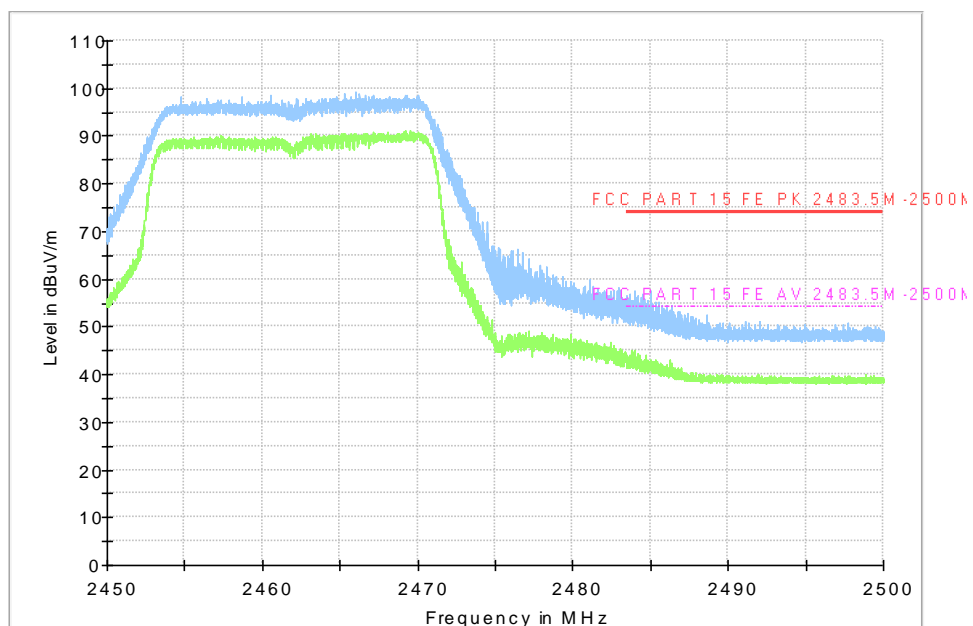


Fig.68 Radiated Restricted Band (802.11n HT20, CH11, 2.45GHz~2.5GHz)

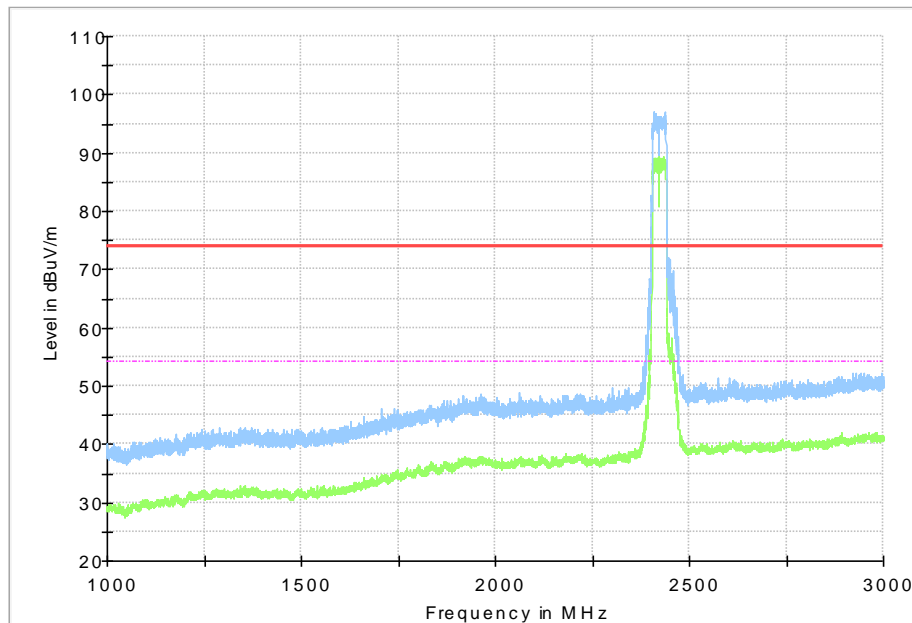


Fig.69 Radiated Spurious Emission (802.11n HT40, CH3, 1 GHz-3 GHz)

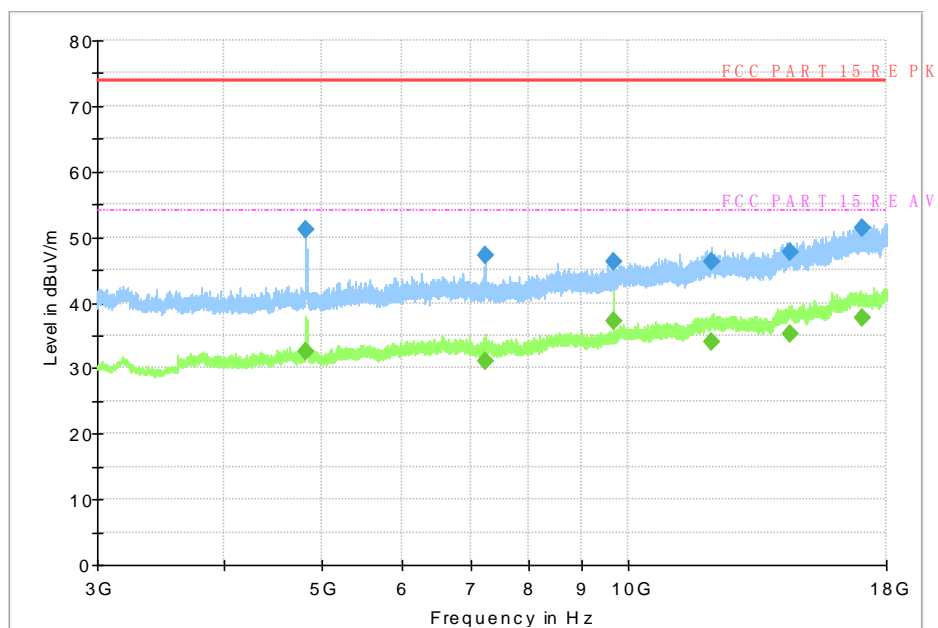


Fig.70 Radiated Spurious Emission (802.11n HT40, CH3, 3 GHz-18 GHz)

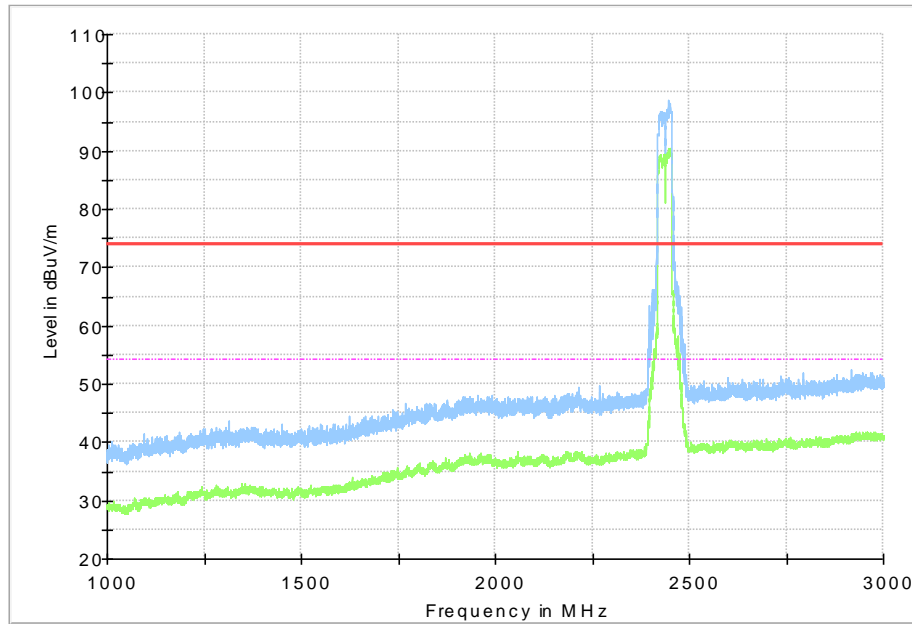


Fig.71 Radiated Spurious Emission (802.11n HT40, CH6, 1 GHz-3 GHz)

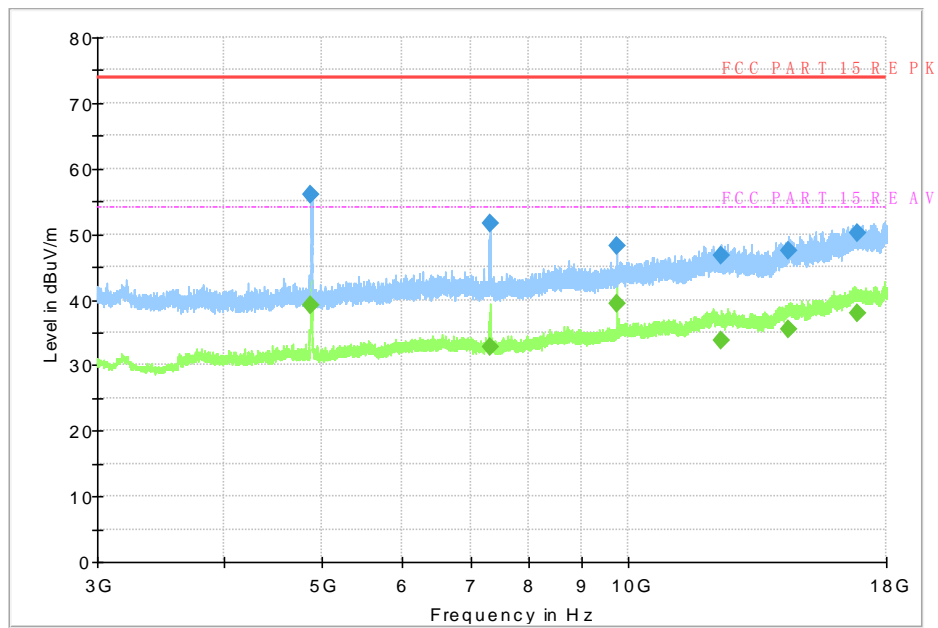


Fig.72 Radiated Spurious Emission (802.11n HT40, CH6, 3 GHz-18 GHz)

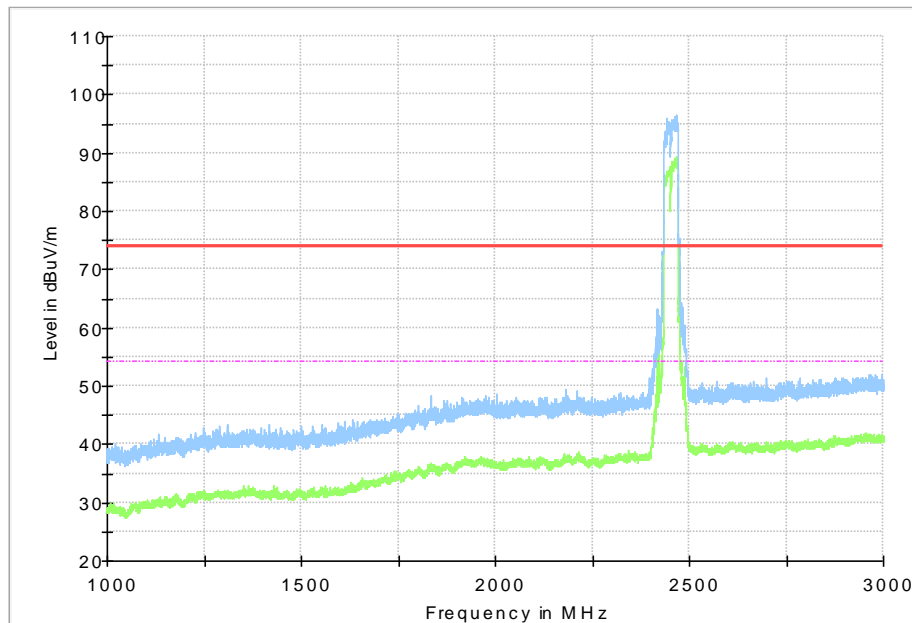


Fig.73 Radiated Spurious Emission (802.11n HT40, CH9, 1 GHz-3 GHz)

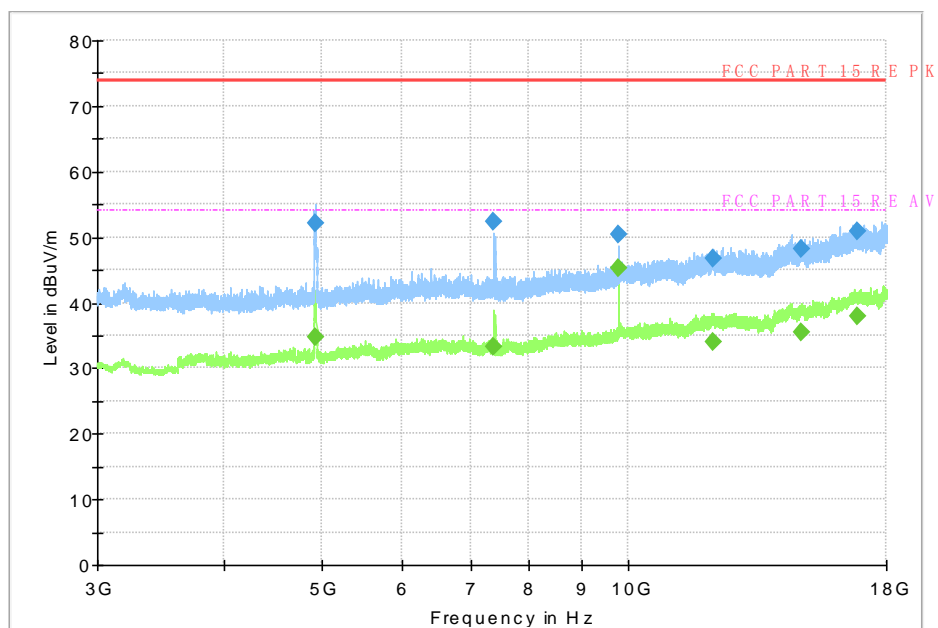


Fig.74 Radiated Spurious Emission (802.11n HT40, CH9, 3 GHz-18 GHz)

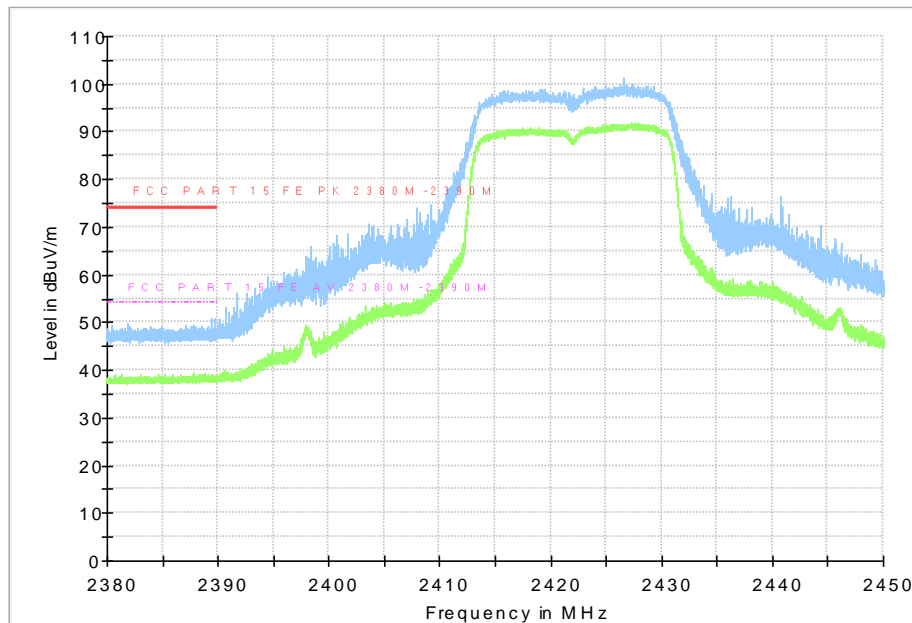


Fig.75 Radiated Restricted Band (802.11n HT40, CH3, 2.38GHz~2.45GHz)

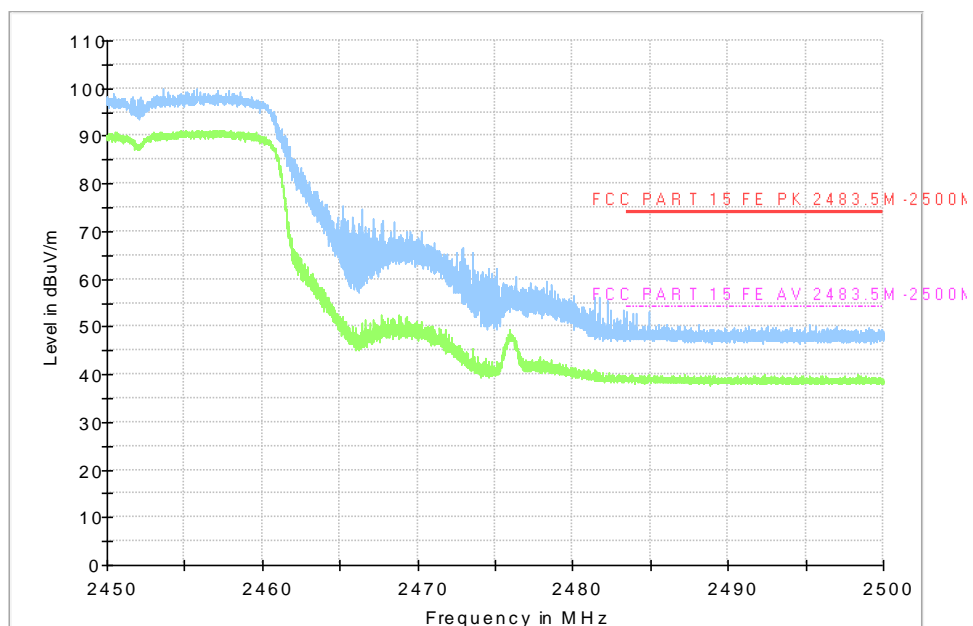


Fig.76 Radiated Restricted Band (802.11n HT40, CH9, 2.45GHz~2.5GHz)

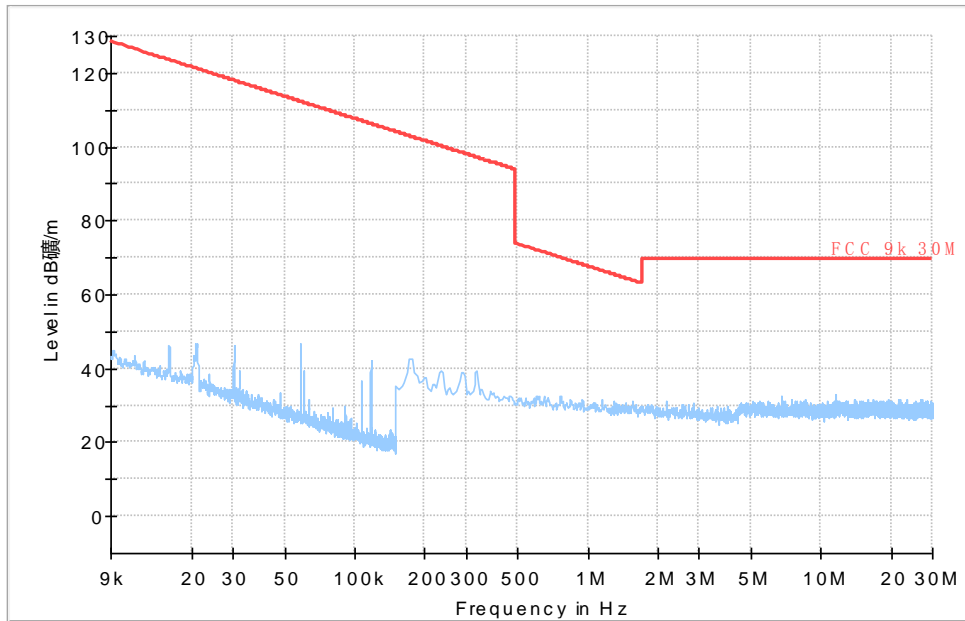


Fig.77 Radiated Spurious Emission (All Channels, 9KHz-30 MHz)

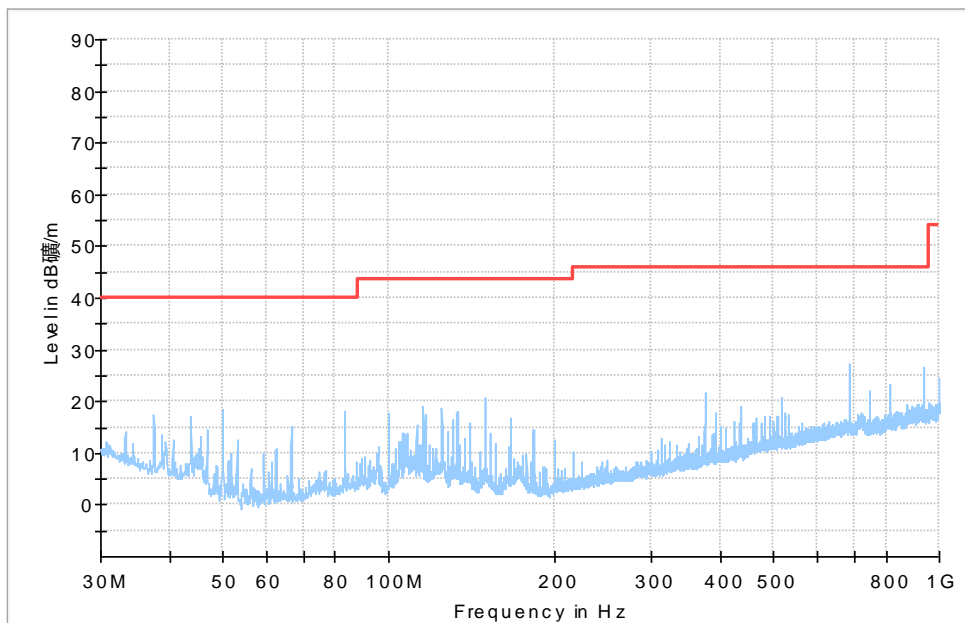


Fig.78 Radiated Spurious Emission (All Channels, 30MHz-1 GHz)

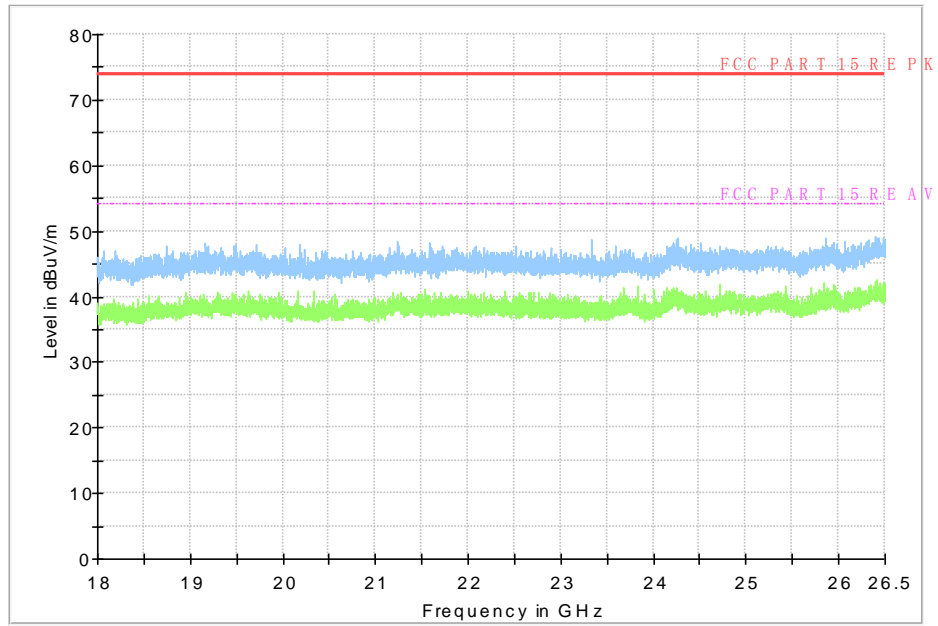


Fig.79 Radiated Spurious Emission (All Channels, 18 GHz-26.5 GHz)

A.7 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 μ V)	Result (dB μ V)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.80	Fig.81	P
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 μ V)	Result (dB μ V)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig 80	Fig 81	P
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

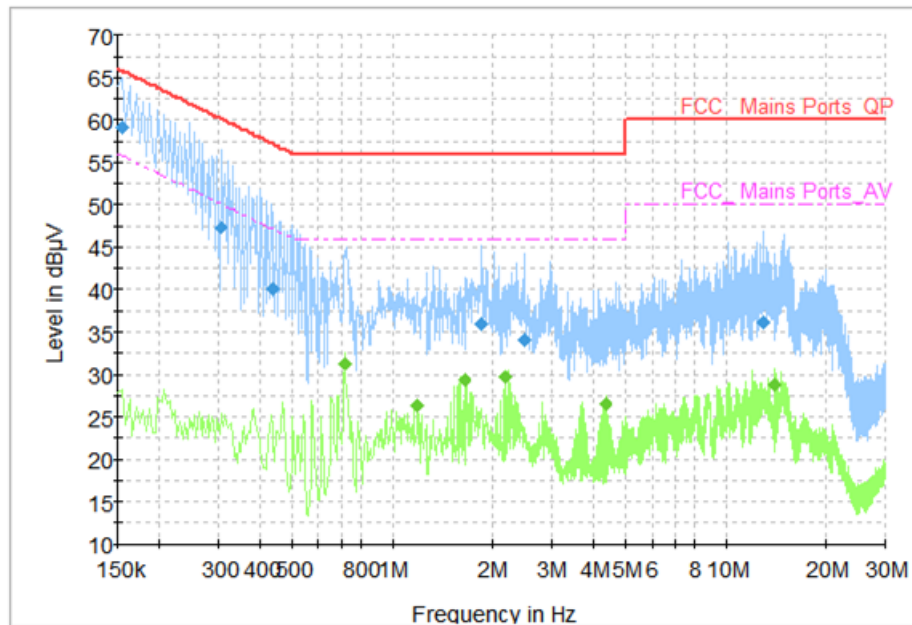


Fig.80 AC Power line Conducted Emission (Traffic)

Measurement Results: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	59.08	65.78	6.70	L1	ON	9.7
0.306000	47.30	60.08	12.78	L1	ON	9.7
0.438000	40.10	57.10	17.00	L1	ON	9.7
1.842000	35.94	56.00	20.06	L1	ON	9.7
2.478000	34.10	56.00	21.90	L1	ON	9.7
12.878000	36.17	60.00	23.83	L1	ON	10.0

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.718000	31.30	46.00	14.70	N	ON	9.7
1.186000	26.29	46.00	19.71	N	ON	9.7
1.634000	19.34	46.00	16.66	N	ON	9.7
2.174000	29.68	46.00	16.32	N	ON	9.7
4.350000	26.42	46.00	19.58	N	ON	9.7
14.038000	28.75	50.00	21.25	N	ON	9.9

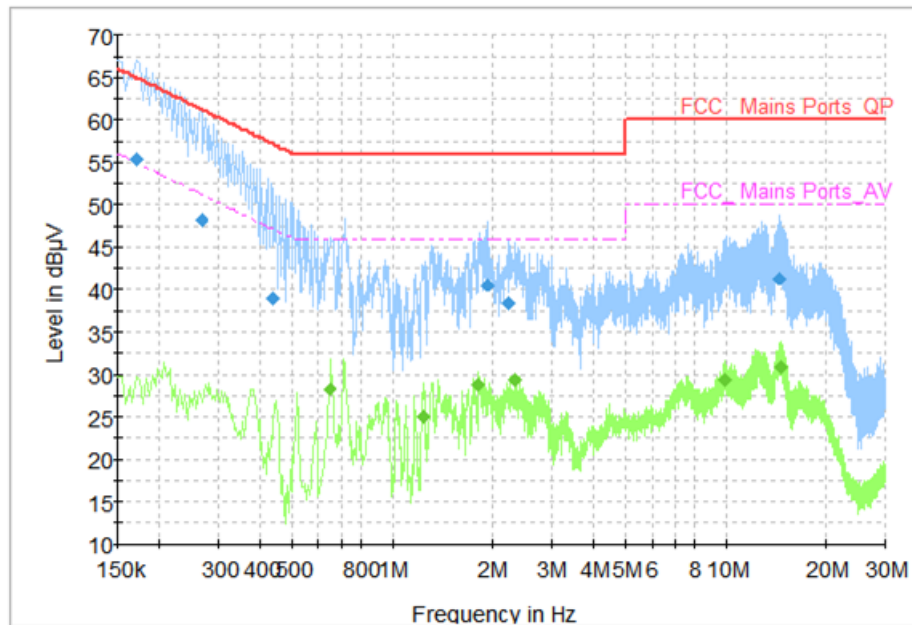


Fig.81 AC Power line Conducted Emission (Idle)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170000	55.39	64.96	9.57	N	ON	9.6
0.266000	48.19	61.24	13.06	N	ON	9.6
0.438000	38.99	57.10	18.11	N	ON	9.7
1.918000	40.57	56.00	15.44	L1	ON	9.7
2.222000	38.41	56.00	17.59	N	ON	9.7
14.334000	41.33	60.00	18.67	N	ON	9.9

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.650000	28.33	46.00	17.66	N	ON	9.7
1.234000	25.00	46.00	21.00	N	ON	9.7
1.806000	28.70	46.00	17.30	N	ON	9.7
2.326000	29.41	46.00	16.59	N	ON	9.7
9.878000	29.41	50.00	20.59	N	ON	9.8
14.594000	30.87	50.00	19.13	N	ON	10.0

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