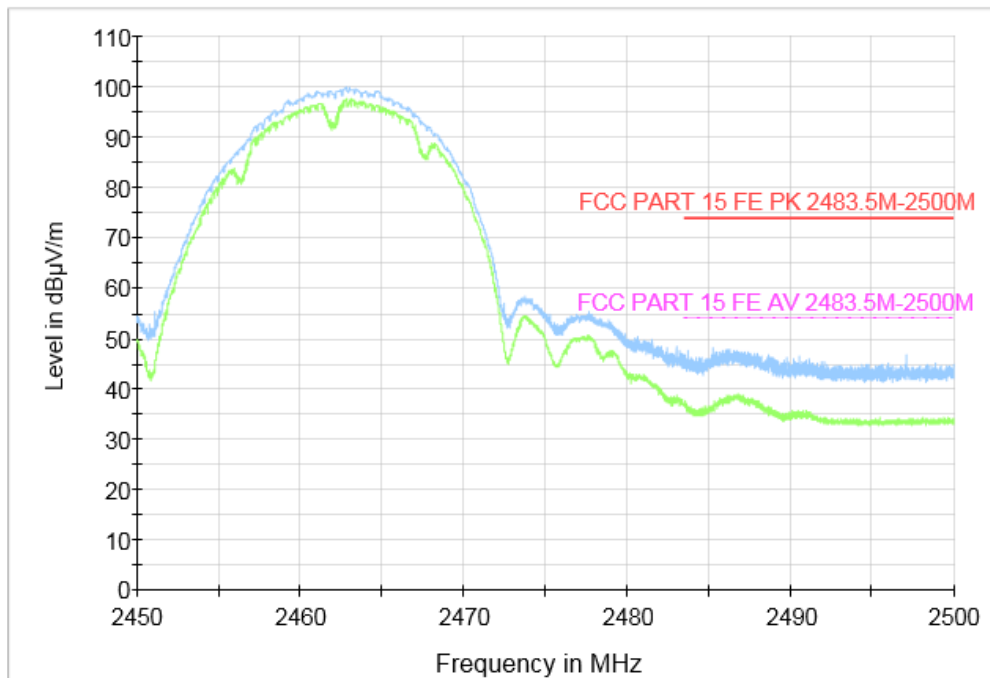
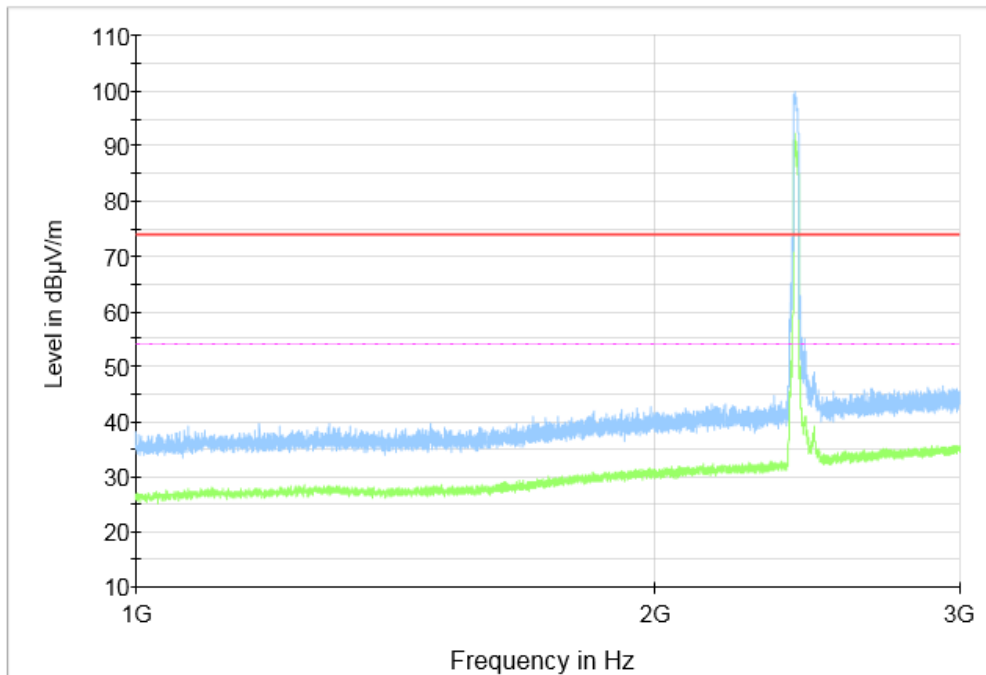


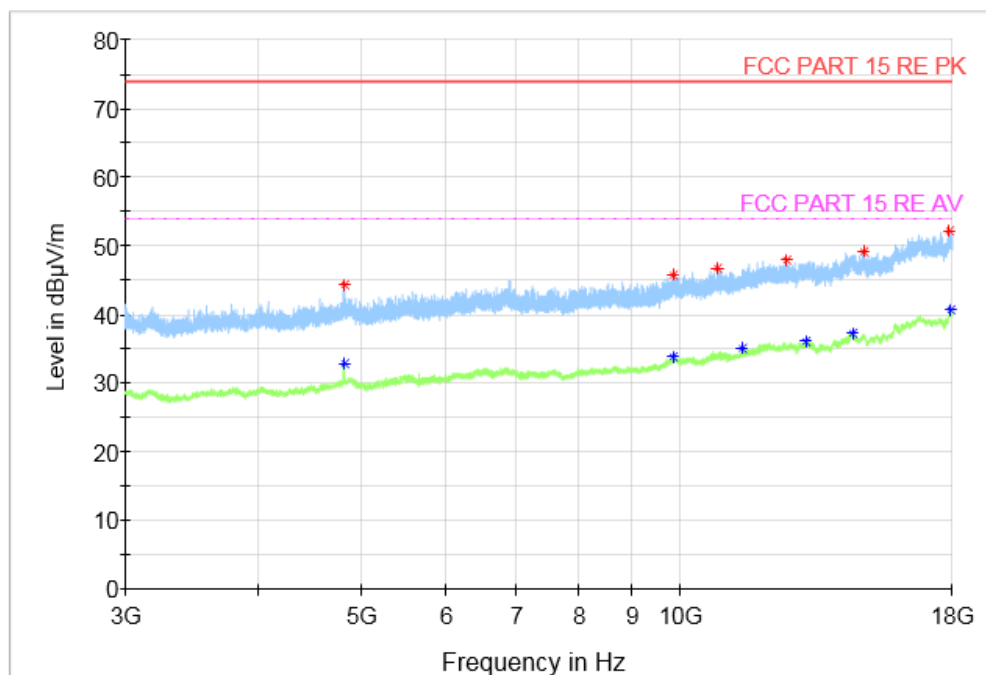
**Fig.40 Radiated Restricted Band (802.11b, CH1, 2.38GHz~2.45GHz)**



**Fig.41 Radiated Restricted Band (802.11b, CH11, 2.45GHz~2.5GHz)**



**Fig.42 Radiated Spurious Emission (802.11g, CH1, 1 GHz-3 GHz)**



**Fig.43 Radiated Spurious Emission (802.11g, CH1, 3 GHz-18 GHz)**

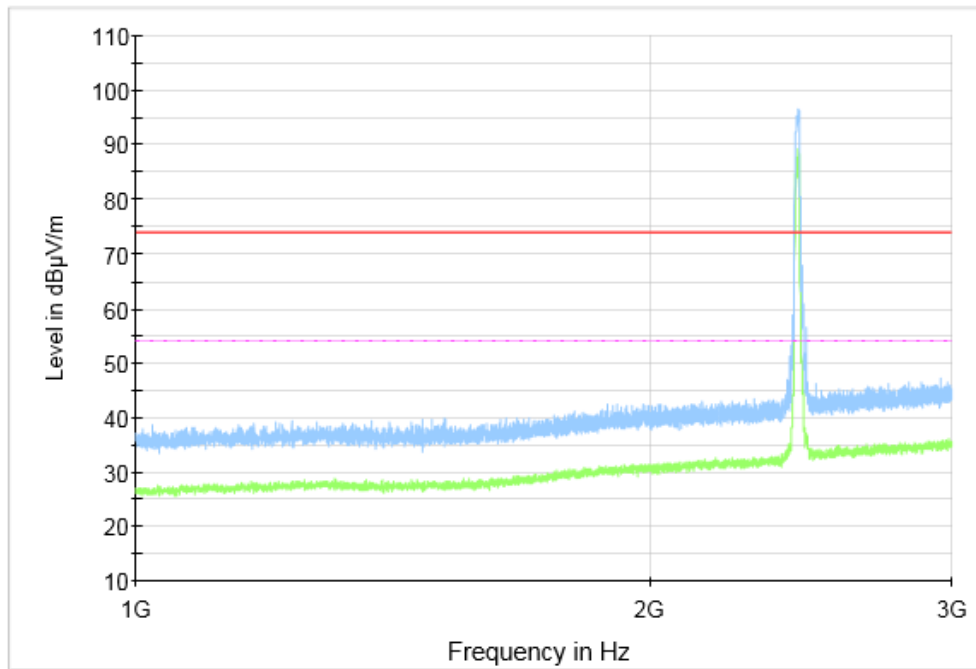


Fig.44 Radiated Spurious Emission (802.11g, CH6, 1 GHz-3 GHz)

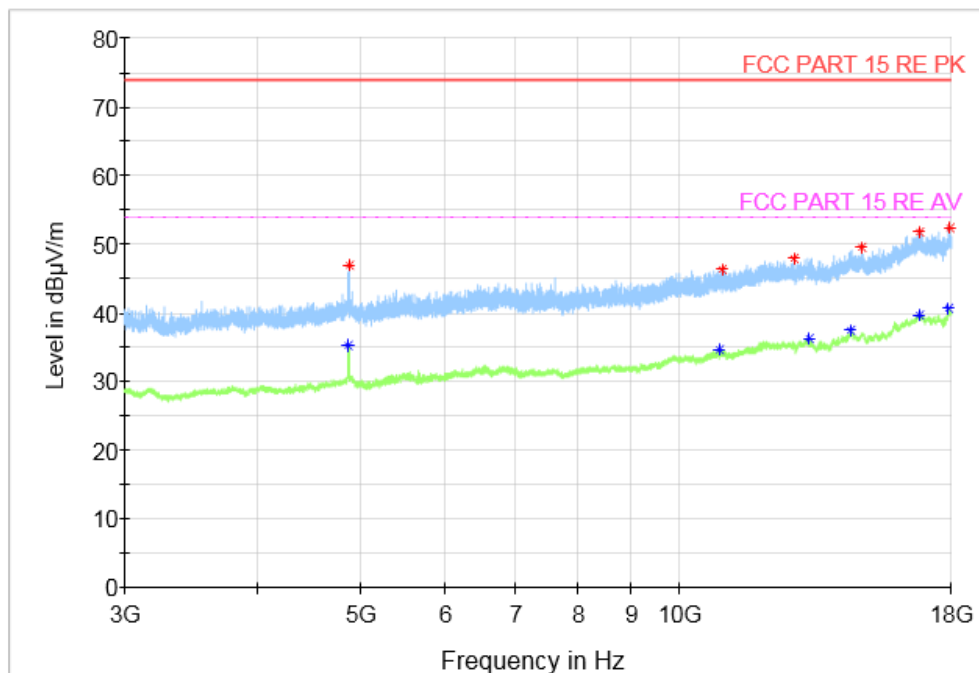
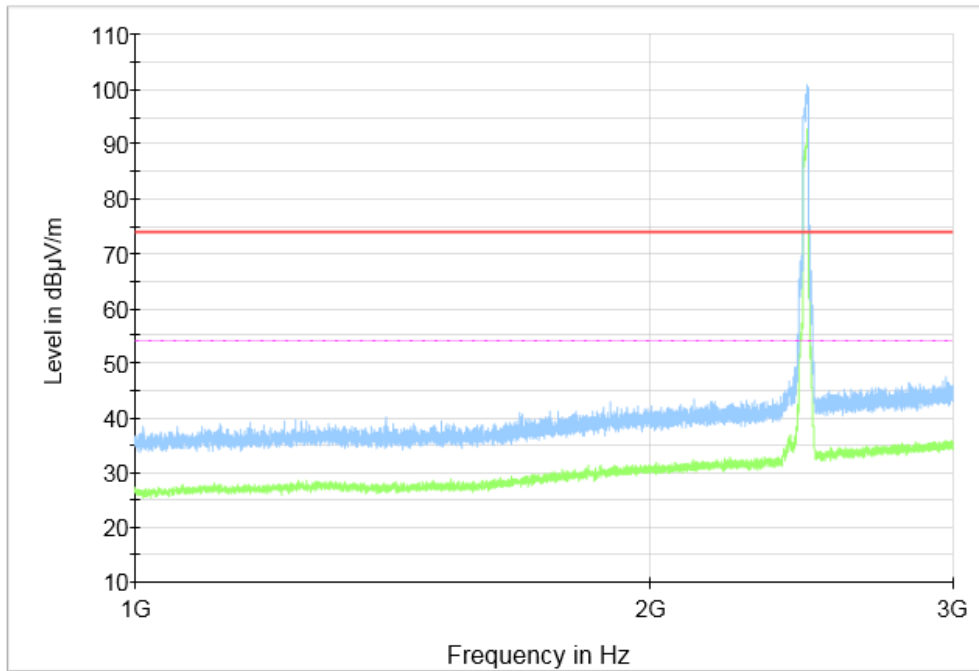
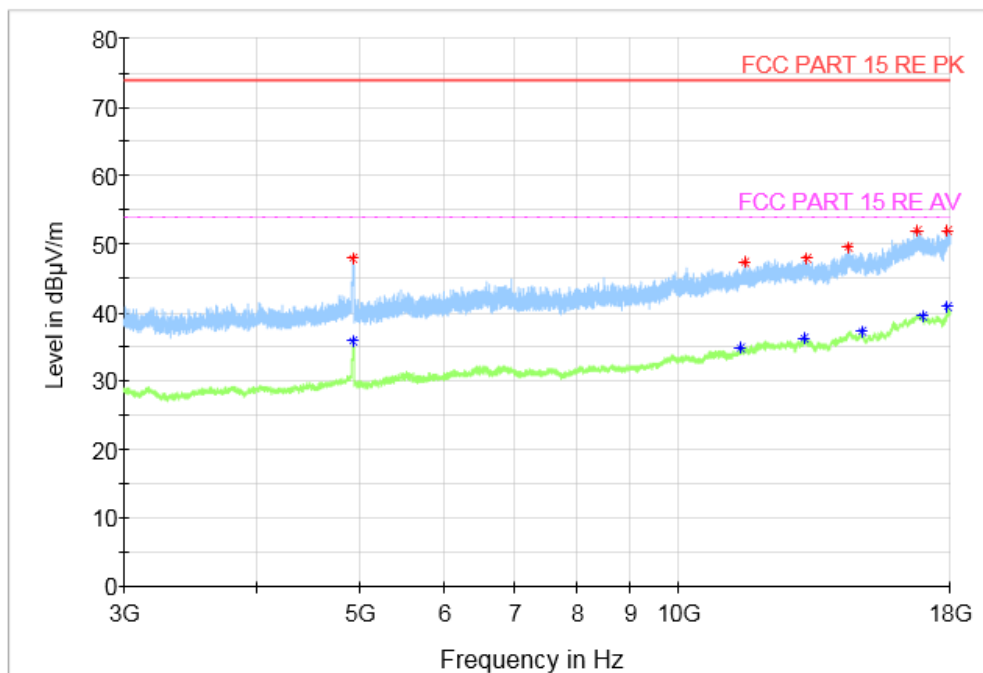


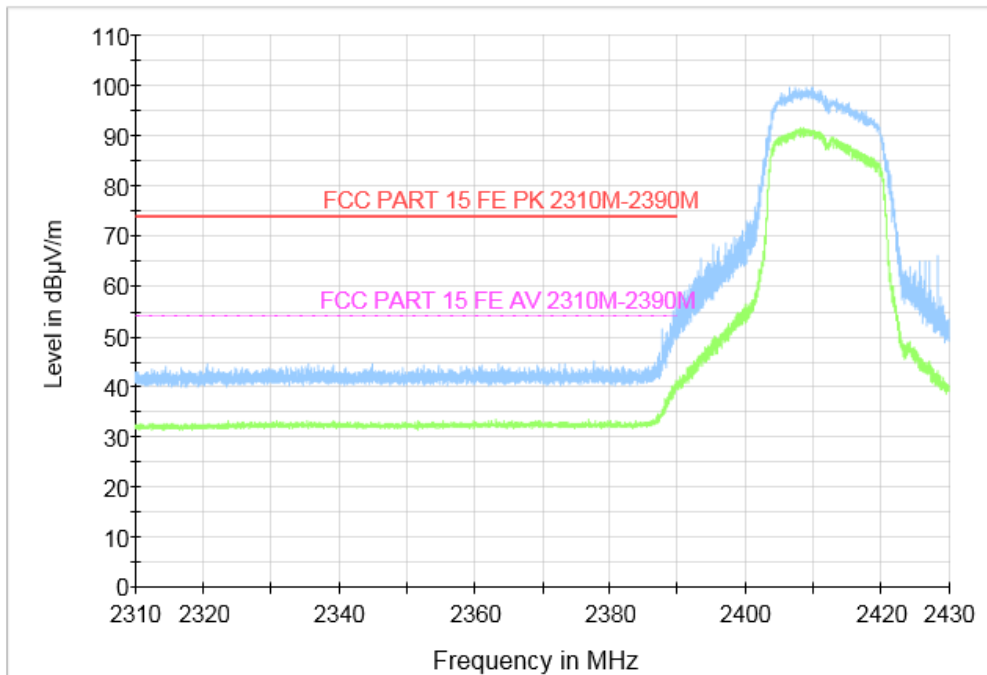
Fig.45 Radiated Spurious Emission (802.11g, CH6, 3 GHz-18 GHz)



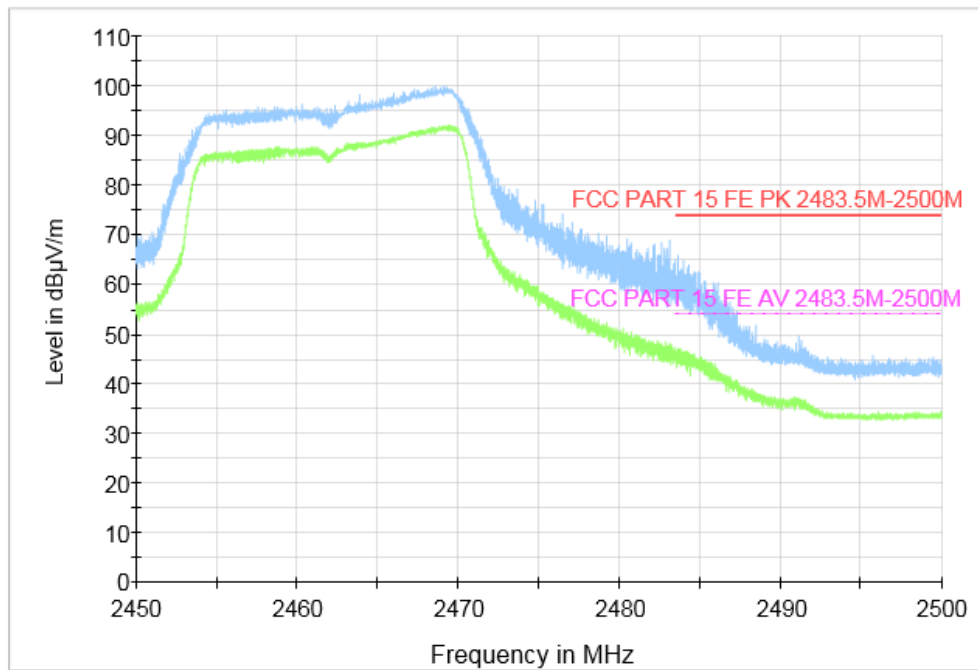
**Fig.46 Radiated Spurious Emission (802.11g, CH11, 1 GHz-3 GHz)**



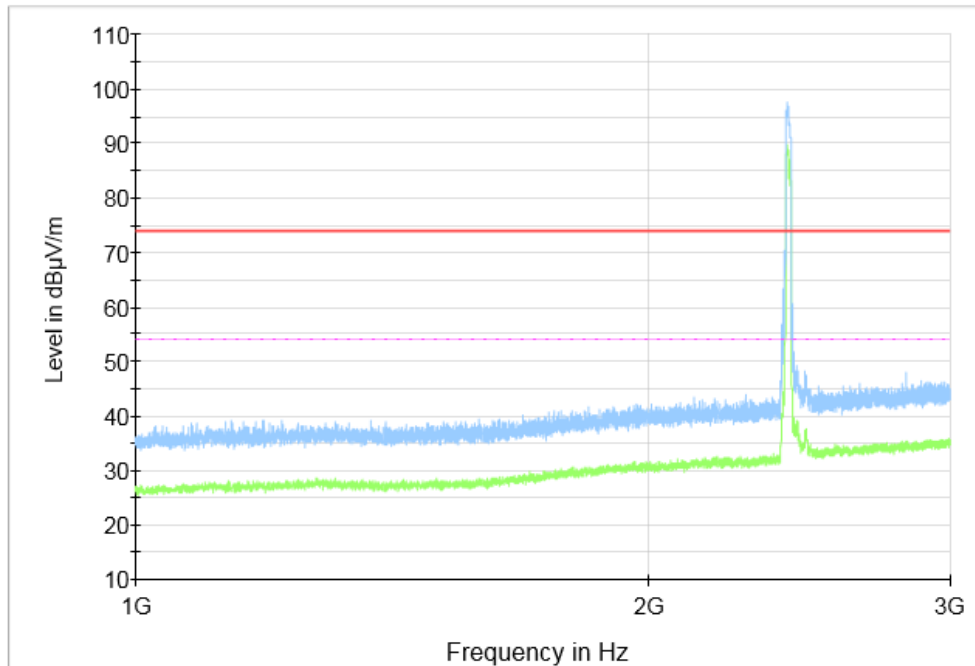
**Fig.47 Radiated Spurious Emission (802.11g, CH11, 3 GHz-18 GHz)**



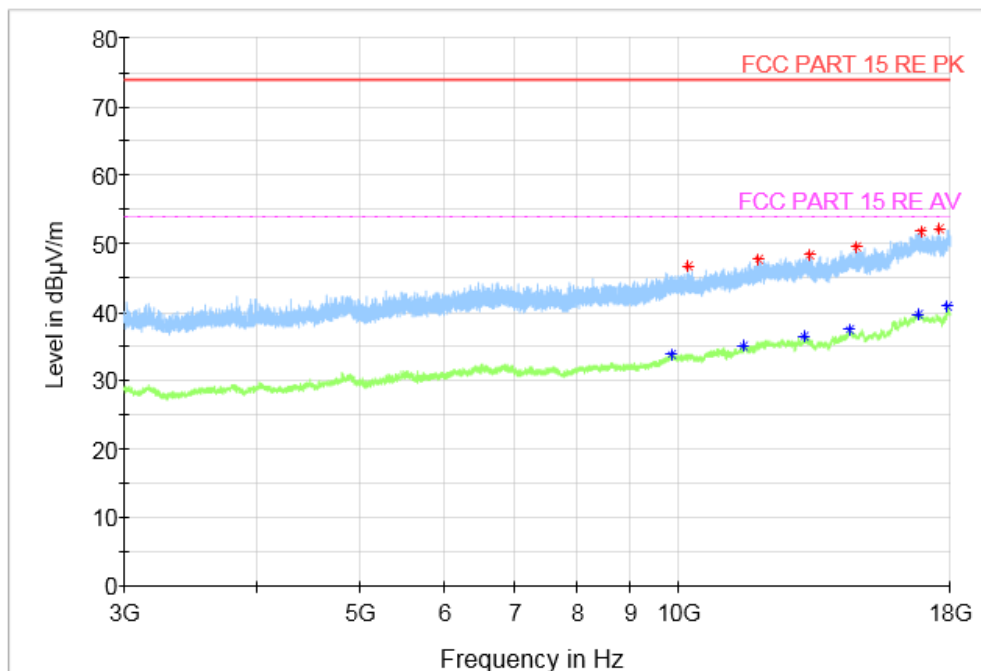
**Fig.48 Radiated Restricted Band (802.11g, CH1, 2.38GHz~2.45GHz)**



**Fig.49 Radiated Restricted Band (802.11g, CH11, 2.45GHz~2.5GHz)**



**Fig.50 Radiated Spurious Emission (802.11n-HT20, CH1, 1 GHz-3 GHz)**



**Fig.51 Radiated Spurious Emission (802.11n-HT20, CH1, 3 GHz-18 GHz)**

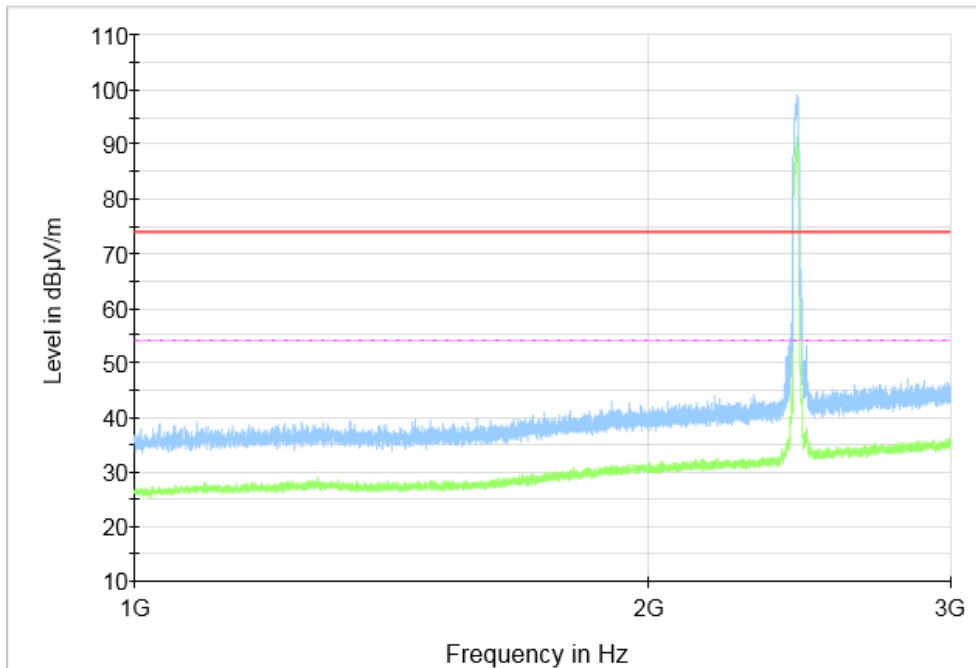


Fig.52 Radiated Spurious Emission (802.11n-HT20, CH6, 1 GHz-3 GHz)

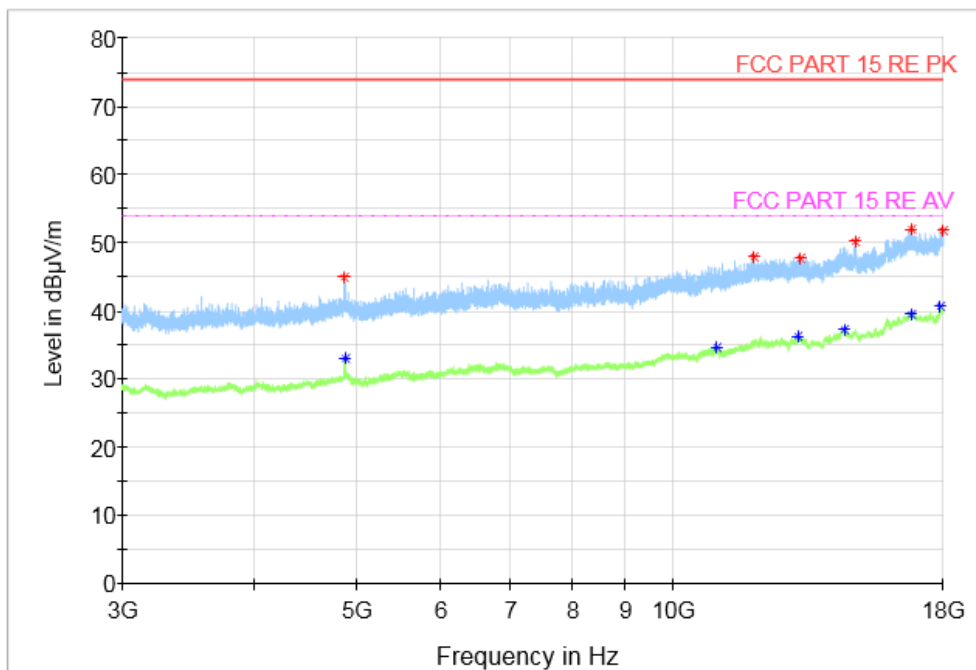


Fig.53 Radiated Spurious Emission (802.11n-HT20, CH6, 3 GHz-18 GHz)

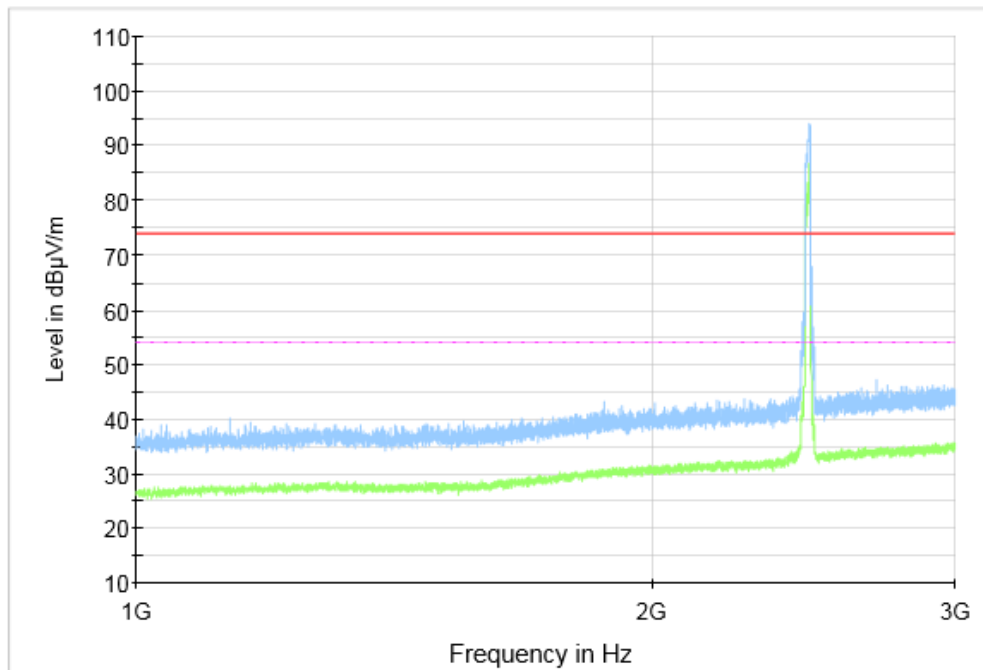


Fig.54 Radiated Spurious Emission (802.11n-HT20, CH11, 1 GHz-3 GHz)

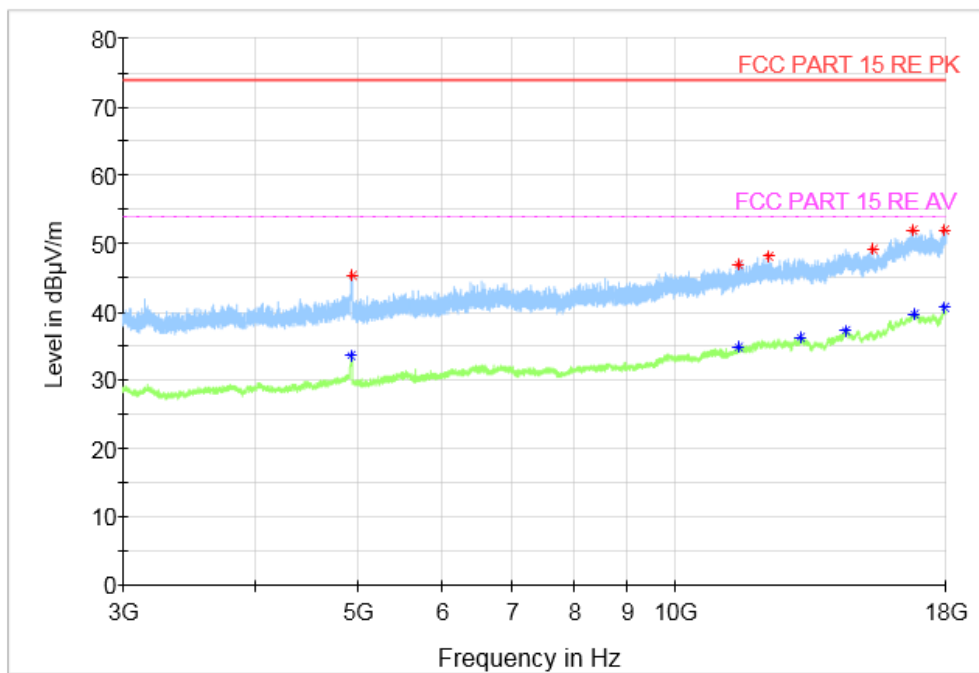
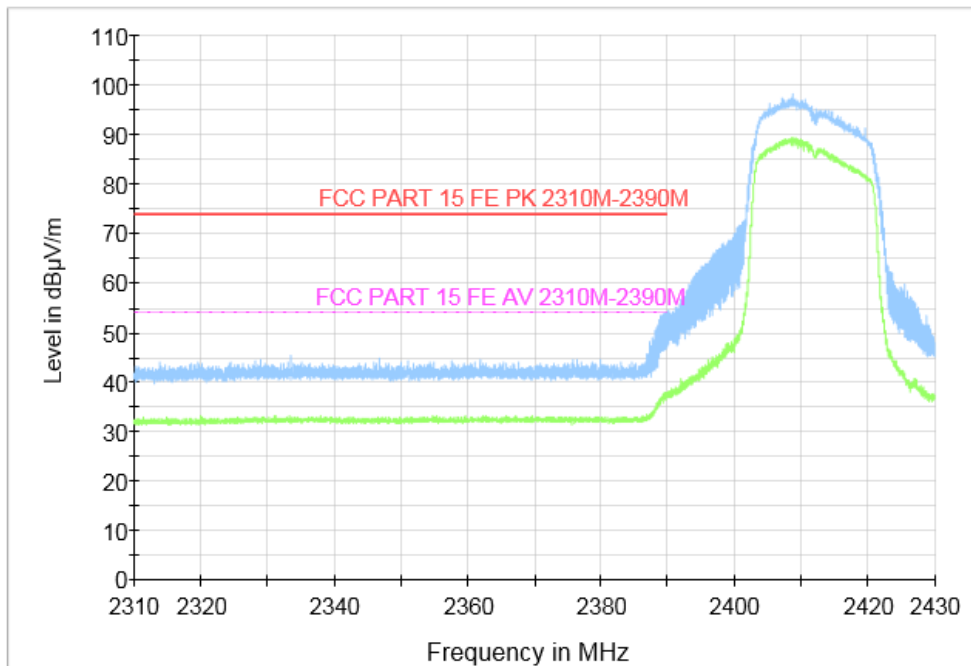
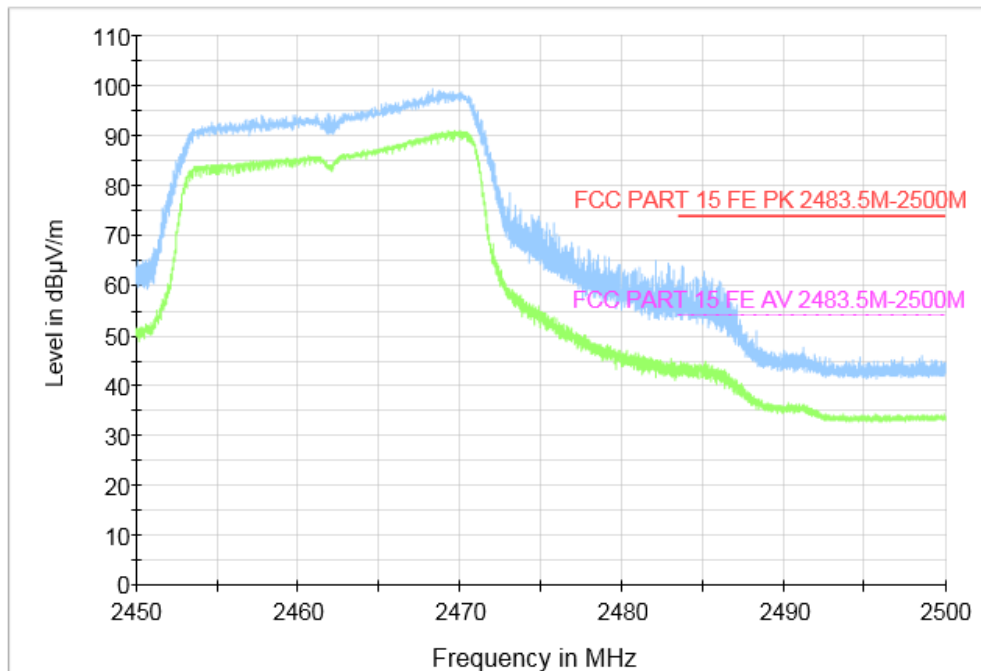


Fig.55 Radiated Spurious Emission (802.11n-HT20, CH11, 3 GHz-18 GHz)

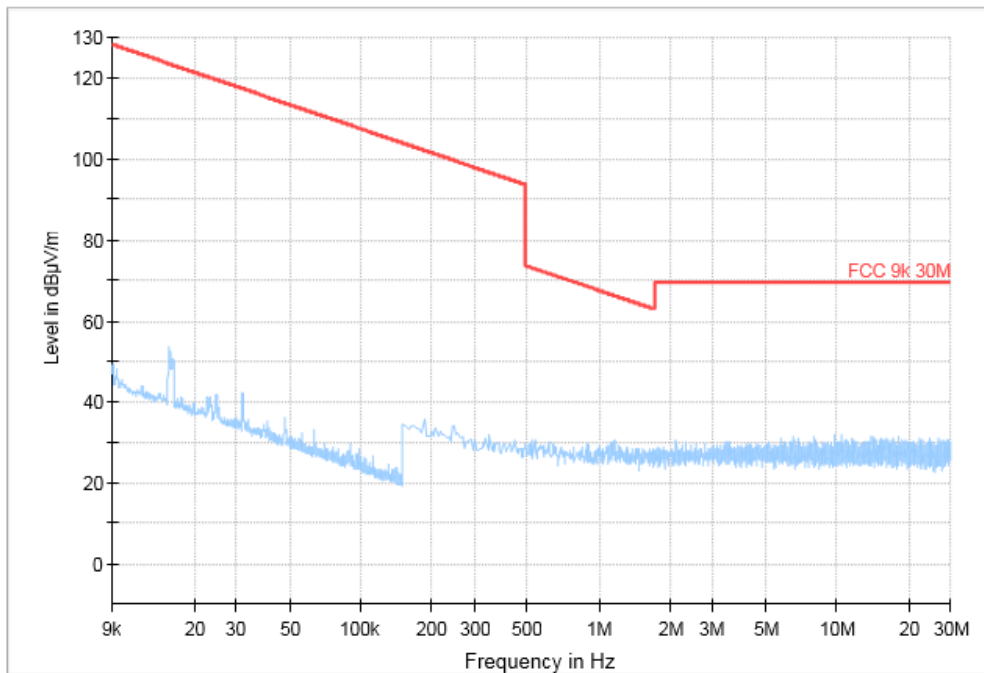




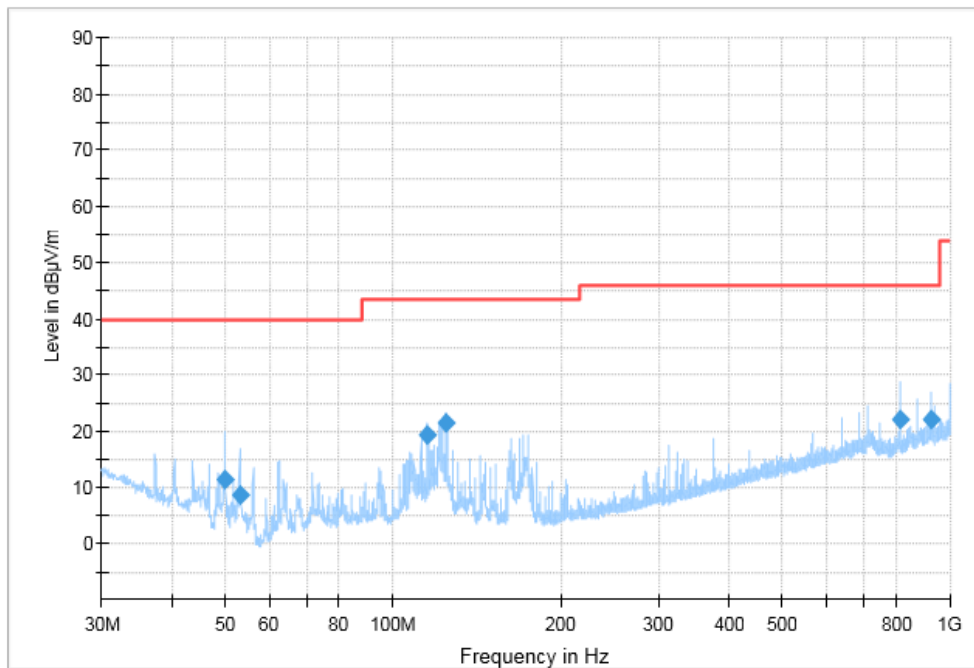
**Fig.56 Radiated Restricted Band (802.11n-HT20, CH1, 2.38GHz~2.45GHz)**



**Fig.57 Radiated Restricted Band (802.11n-HT20, CH11, 2.45GHz~2.5GHz)**



**Fig.58 Radiated Spurious Emission (All Channels, 9 kHz-30 MHz)**



**Fig.59 Radiated Spurious Emission (All Channels, 30MHz-1 GHz)**

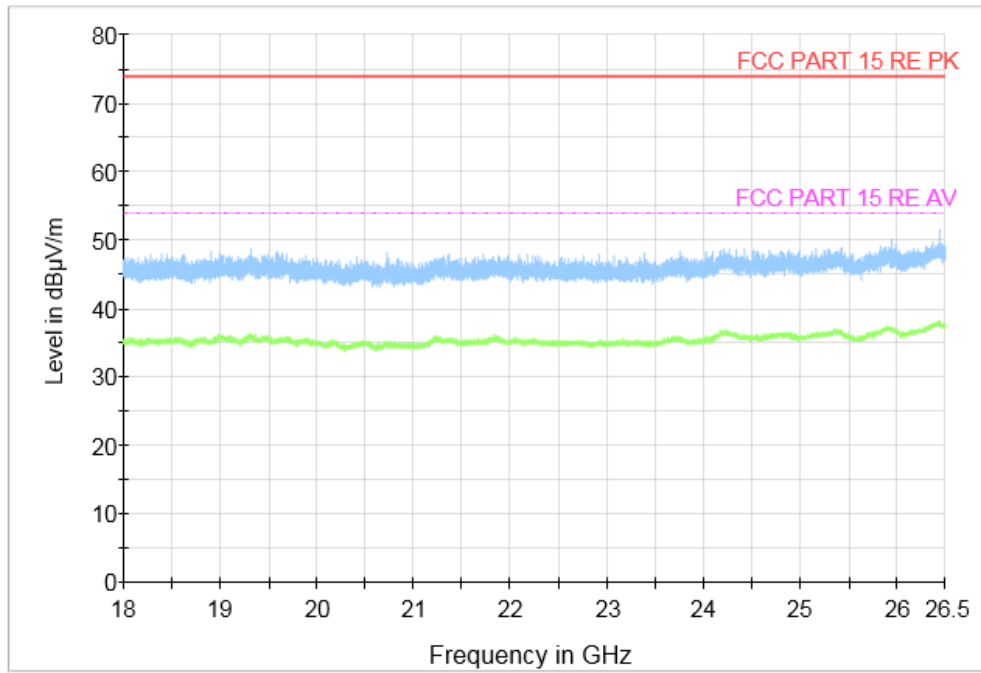


Fig.60 Radiated Spurious Emission (All Channels, 18 GHz-26.5 GHz)

## A.7 AC Power line Conducted Emission

### Test Condition:

Voltage (V)	Frequency (Hz)
120	60

### Measurement Result and limit:

WLAN (Quasi-peak Limit)-A2-1, A3-1

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.61	Fig.62	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)-A2-1, A3-1

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.61	Fig.62	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.

WLAN (Quasi-peak Limit)-A2-2, A3-2

Frequency range (MHz)	Quasi-peak Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		Traffic	Idle	
0.16 to 0.5	66 to 56	Fig.63	Fig.64	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)-A2-2, A3-2

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.63	Fig.64	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**

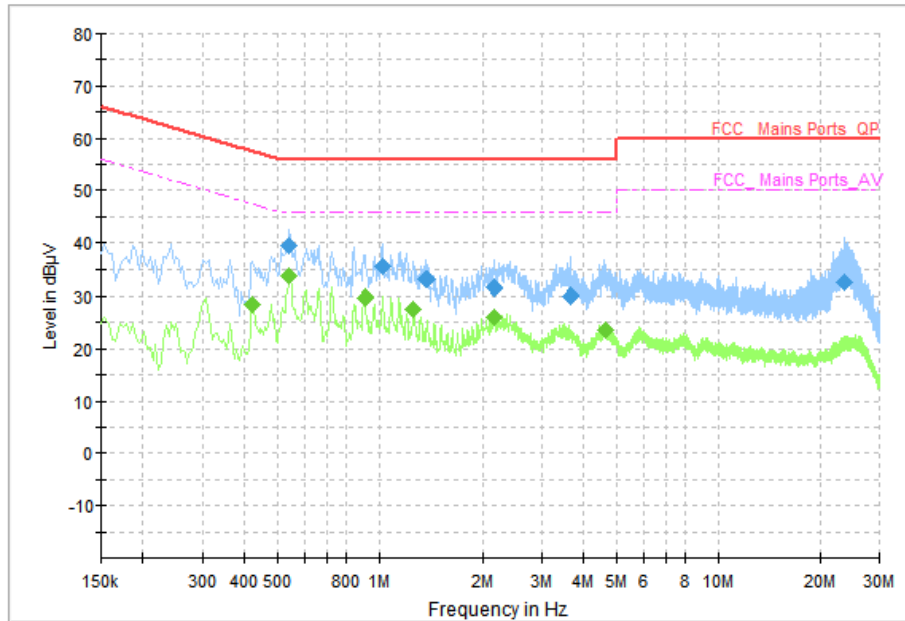


Fig.61 AC Power line Conducted Emission (Traffic), A2-1, A3-1

**Measurement Results: Quasi Peak**

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.542000	39.57	56.00	16.43	L1	ON	10
1.022000	35.63	56.00	20.37	L1	ON	10
1.378000	33.14	56.00	22.86	L1	ON	10
2.158000	31.49	56.00	24.51	L1	ON	10
3.650000	30.14	56.00	25.86	L1	ON	10
23.726000	32.50	60.00	27.50	N	ON	10

**Measurement Results: Average**

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.422000	28.41	47.41	19.00	L1	ON	10
0.542000	33.79	46.00	12.21	L1	ON	10
0.910000	29.78	46.00	16.22	L1	ON	10
1.262000	27.54	46.00	18.46	L1	ON	10
2.174000	26.00	46.00	20.00	L1	ON	10
4.642000	23.55	46.00	22.45	L1	ON	10

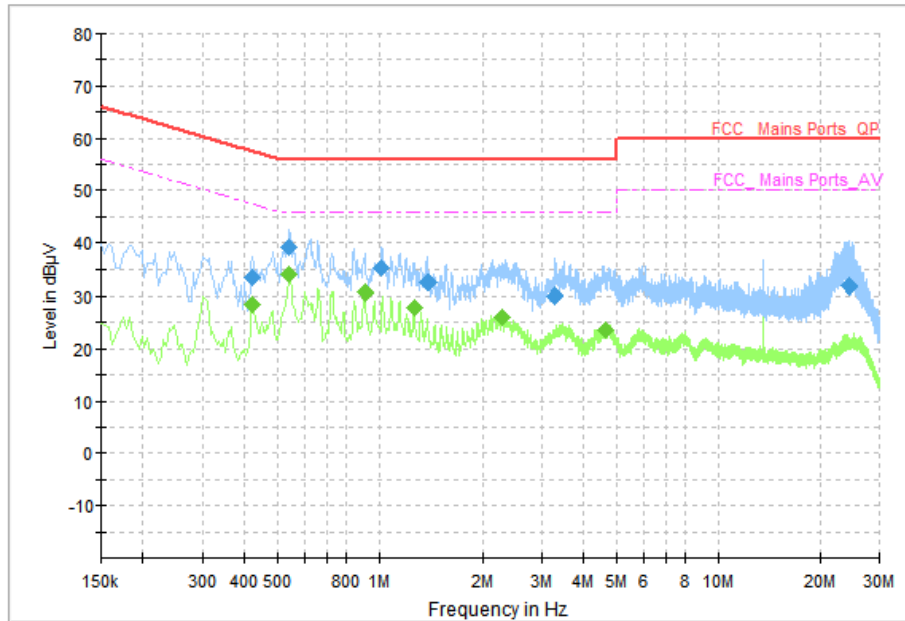


Fig.62 AC Power line Conducted Emission (Idle), A2-1, A3-1

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.422000	33.32	57.41	24.09	L1	ON	10
0.542000	39.21	56.00	16.79	L1	ON	10
1.018000	35.16	56.00	20.84	L1	ON	10
1.386000	32.50	56.00	23.50	L1	ON	10
3.290000	30.05	56.00	25.95	L1	ON	10
24.414000	31.91	60.00	28.09	N	ON	10

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.422000	28.55	47.41	18.86	L1	ON	10
0.542000	33.91	46.00	12.09	L1	ON	10
0.906000	30.52	46.00	15.48	L1	ON	10
1.270000	28.00	46.00	18.00	L1	ON	10
2.294000	25.94	46.00	20.06	L1	ON	10
4.650000	23.46	46.00	22.54	L1	ON	10

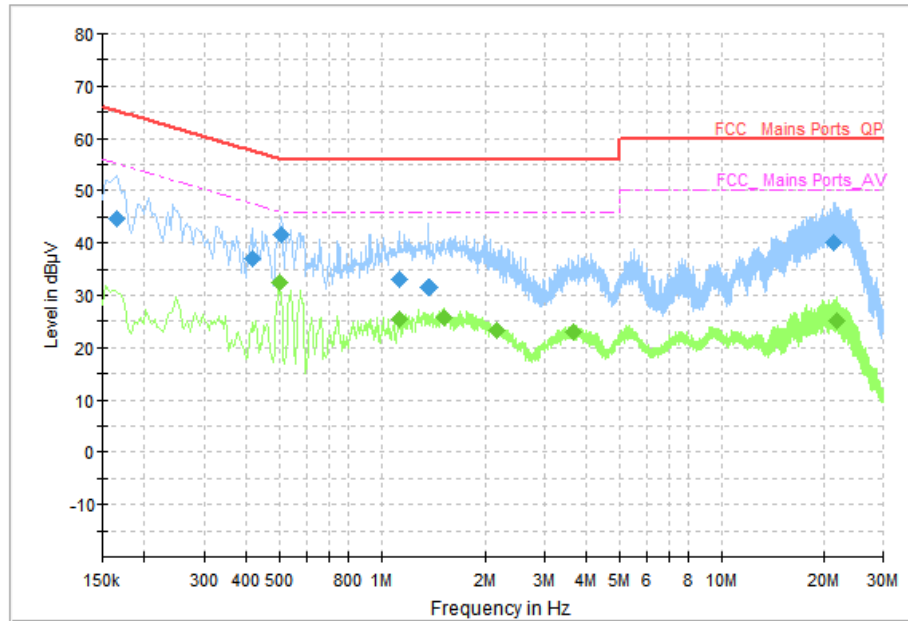


Fig.63 AC Power line Conducted Emission (Traffic), A2-2, A3-2

Measurement Results: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.166000	44.53	65.16	20.63	N	ON	10
0.414000	36.97	57.57	20.60	L1	ON	10
0.506000	41.72	56.00	14.28	L1	ON	10
1.126000	33.20	56.00	22.80	L1	ON	10
1.374000	31.53	56.00	24.47	L1	ON	10
21.490000	40.08	60.00	19.92	L1	ON	10

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.498000	32.38	46.03	13.65	N	ON	10
1.126000	25.55	46.00	20.45	N	ON	10
1.510000	25.87	46.00	20.13	N	ON	10
2.170000	23.22	46.00	22.78	N	ON	10
3.642000	22.90	46.00	23.10	N	ON	10
21.894000	25.15	50.00	24.85	L1	ON	10

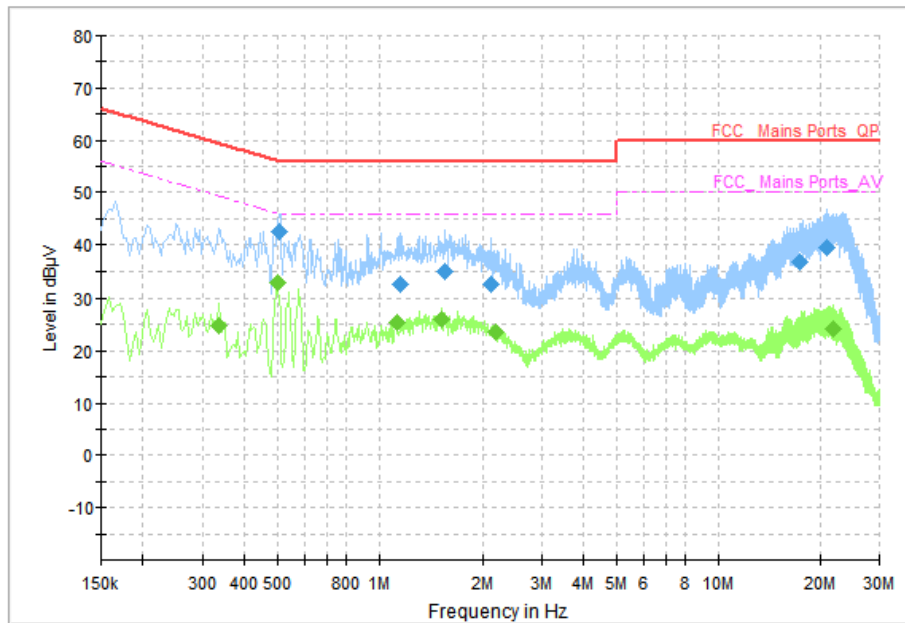


Fig.64 AC Power line Conducted Emission (Idle), A2-2, A3-2

**Measurement Results: Quasi Peak**

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.506000	42.63	56.00	13.37	L1	ON	10
1.158000	32.42	56.00	23.58	L1	ON	10
1.550000	34.84	56.00	21.16	L1	ON	10
2.126000	32.45	56.00	23.55	L1	ON	10
17.458000	36.82	60.00	23.18	L1	ON	10
21.002000	39.33	60.00	20.67	L1	ON	10

**Measurement Results: Average**

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.334000	24.89	49.35	24.46	L1	ON	10
0.498000	32.85	46.03	13.18	N	ON	10
1.126000	25.46	46.00	20.54	N	ON	10
1.510000	26.13	46.00	19.87	N	ON	10
2.182000	23.64	46.00	22.36	N	ON	10
21.802000	24.21	50.00	25.79	L1	ON	10



### A.8 99% Occupied Bandwidth

#### Measurement Limit:

Standard	Limit
RSS-Gen section 6.7	/

#### Measurement Result:

Mode	Channel	Frequency (MHz)	Test Results ( MHz)		Conclusion
802.11b	CH1	2412	Fig.1	12.71	/
	CH6	2437	Fig.2	13.07	/
	CH11	2462	Fig.3	13.31	/
802.11g	CH1	2412	Fig.4	16.38	/
	CH6	2437	Fig.5	16.62	/
	CH11	2462	Fig.6	16.70	/
802.11n-HT20	CH1	2412	Fig.7	17.54	/
	CH6	2437	Fig.8	17.70	/
	CH11	2462	Fig.9	17.82	/

See below for test graphs.

Conclusion: PASS

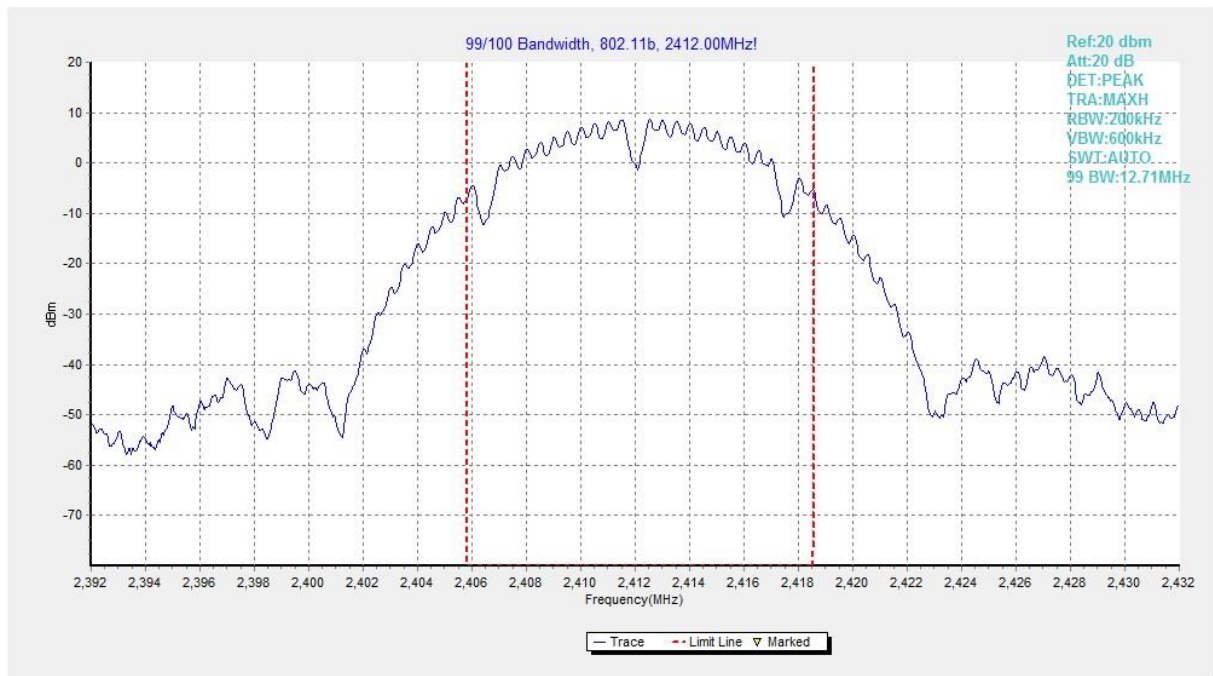
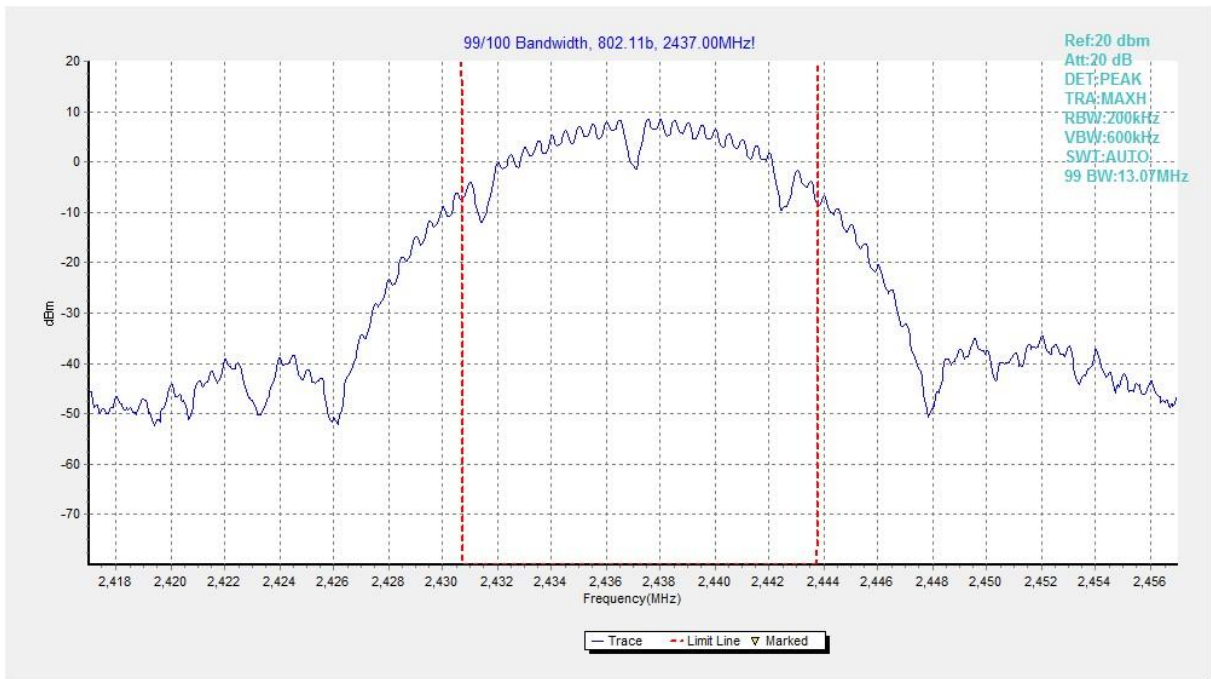
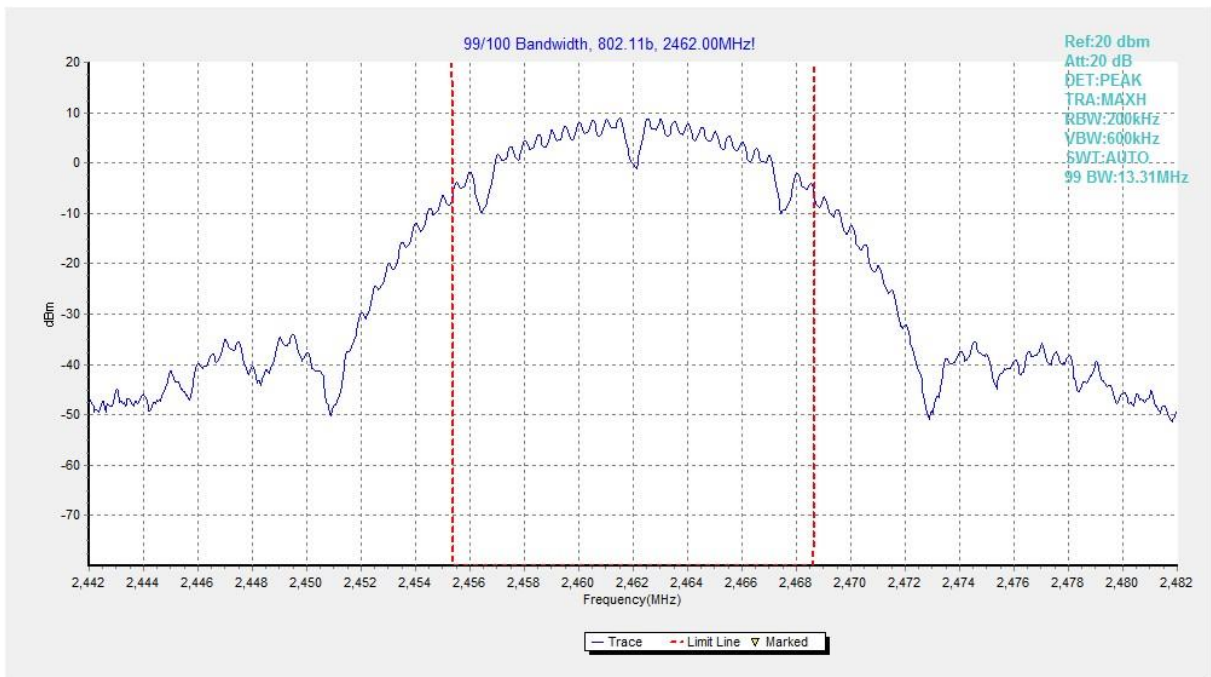


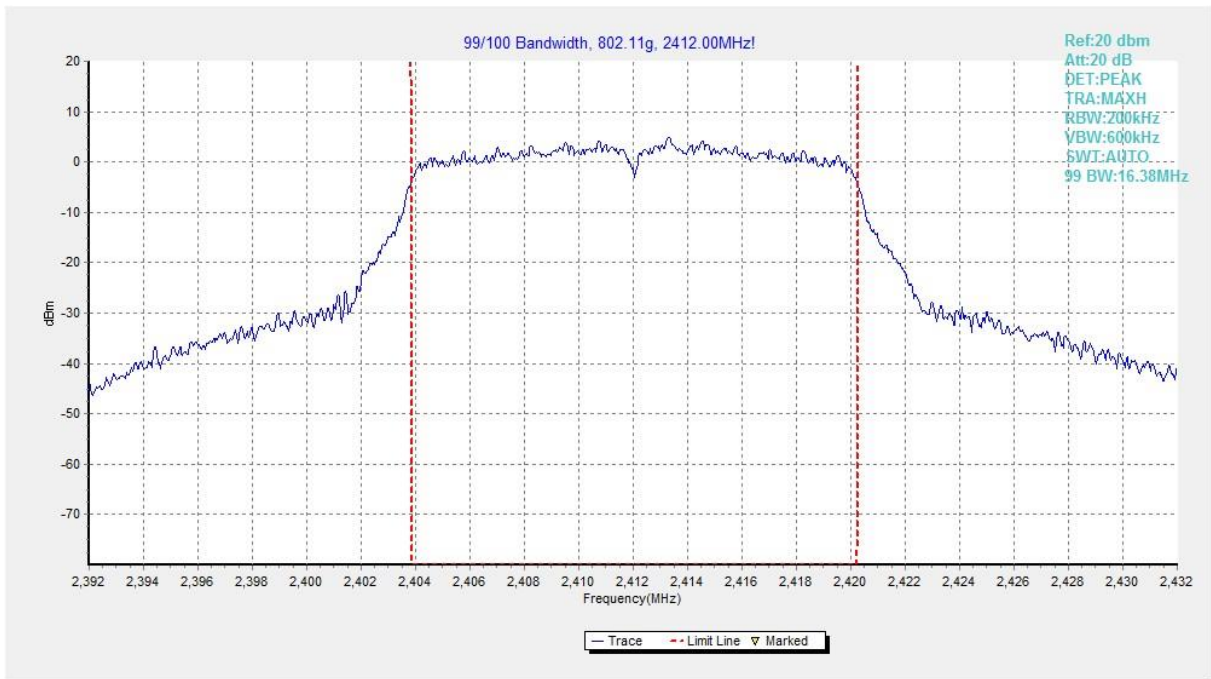
Fig.65 99% Occupied Bandwidth (802.11b, CH 1)



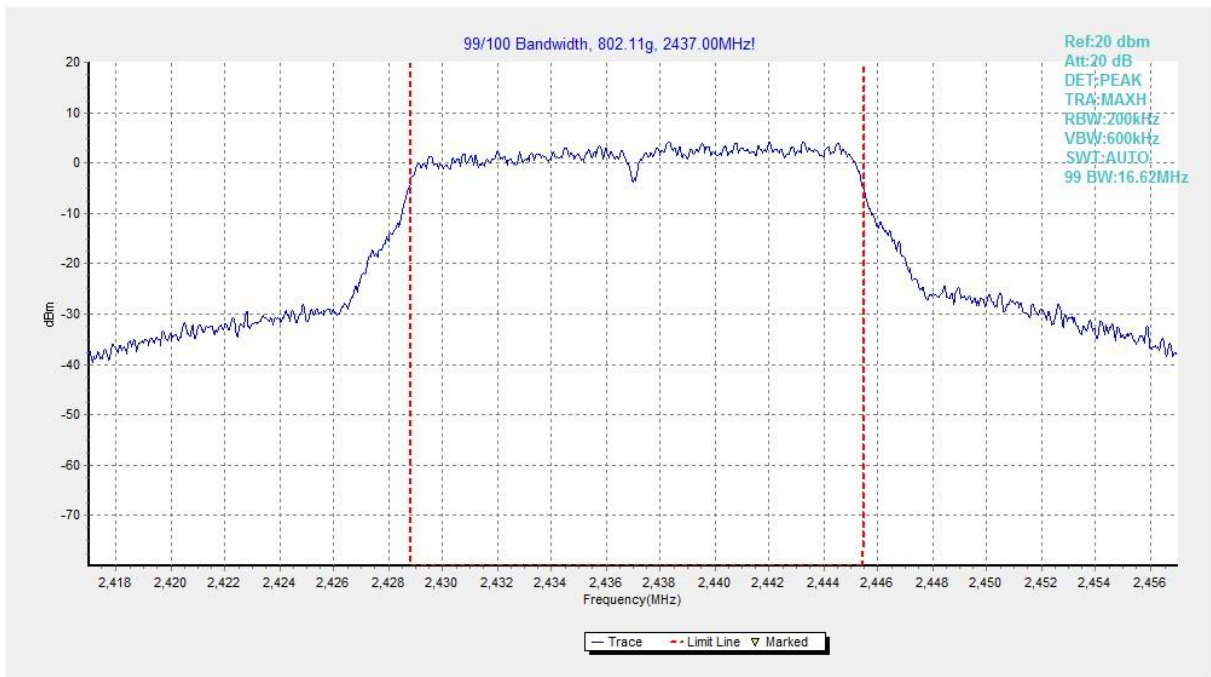
**Fig.66 99% Occupied Bandwidth (802.11b, CH 6)**



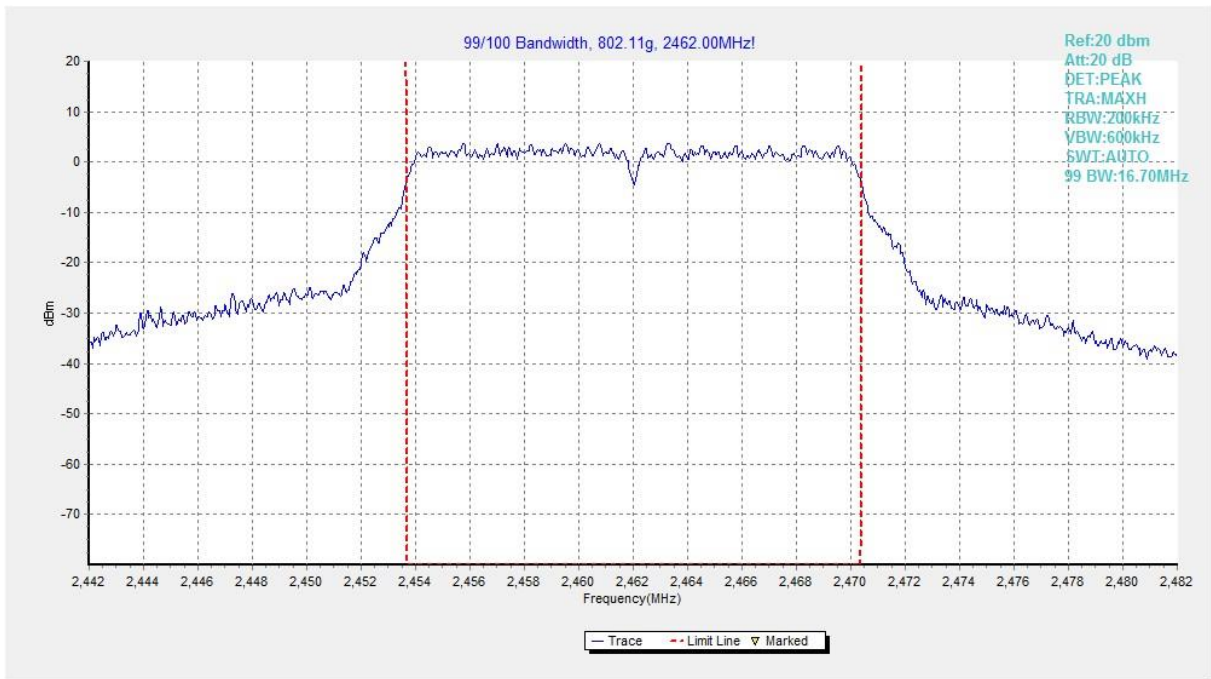
**Fig.67 99% Occupied Bandwidth (802.11b, CH 11)**



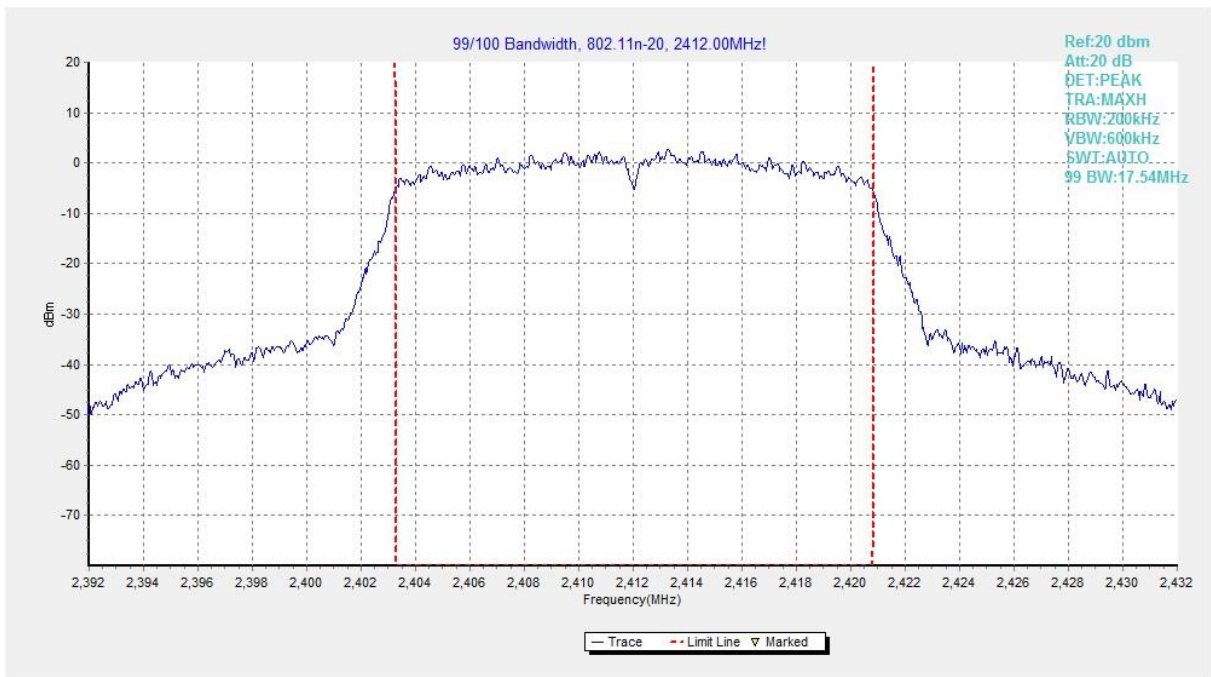
**Fig.68 99% Occupied Bandwidth (802.11g, CH 1)**



**Fig.69 99% Occupied Bandwidth (802.11g, CH 6)**

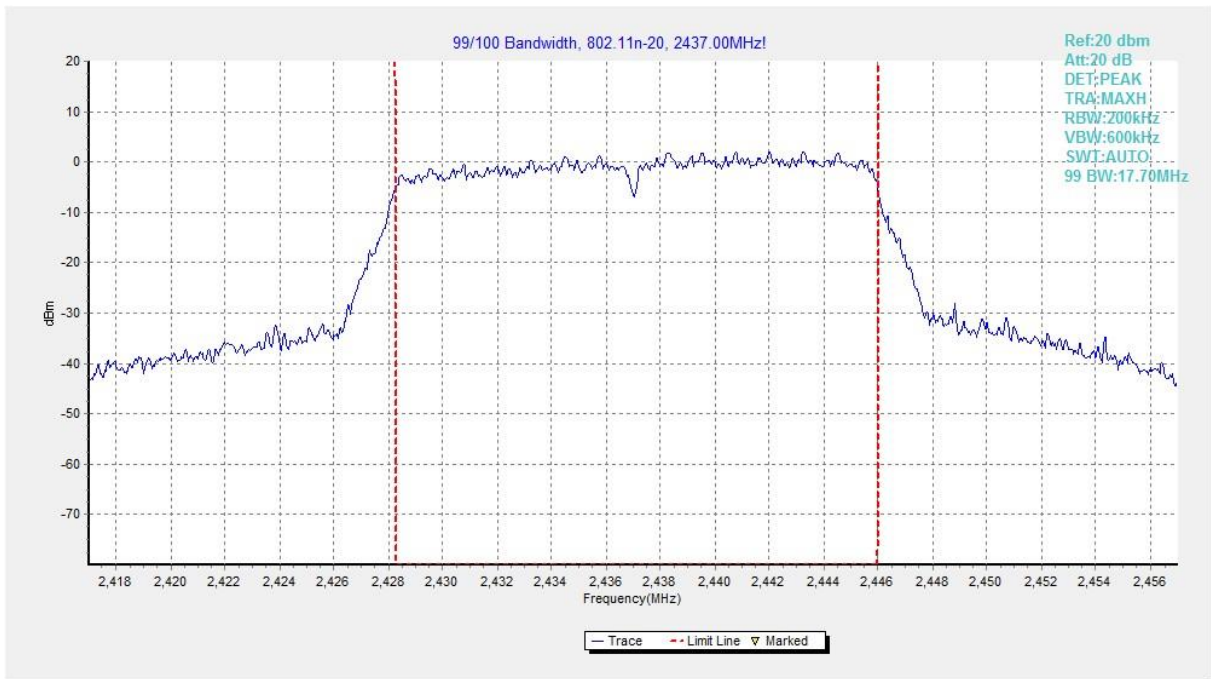


**Fig.70 99% Occupied Bandwidth (802.11g, CH 11)**

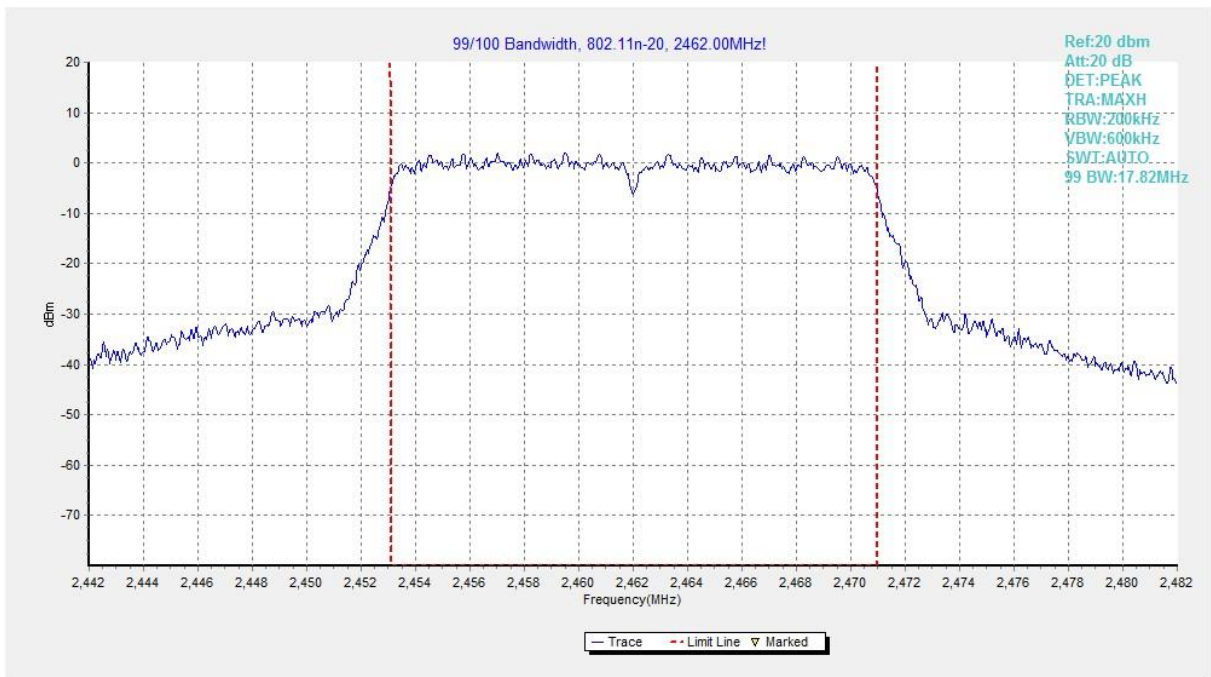


**Fig.71 99% Occupied Bandwidth (802.11n-HT20, CH 1)**





**Fig.72 99% Occupied Bandwidth (802.11n-HT20, CH 6)**



**Fig.73 99% Occupied Bandwidth (802.11n-HT20, CH 11)**

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