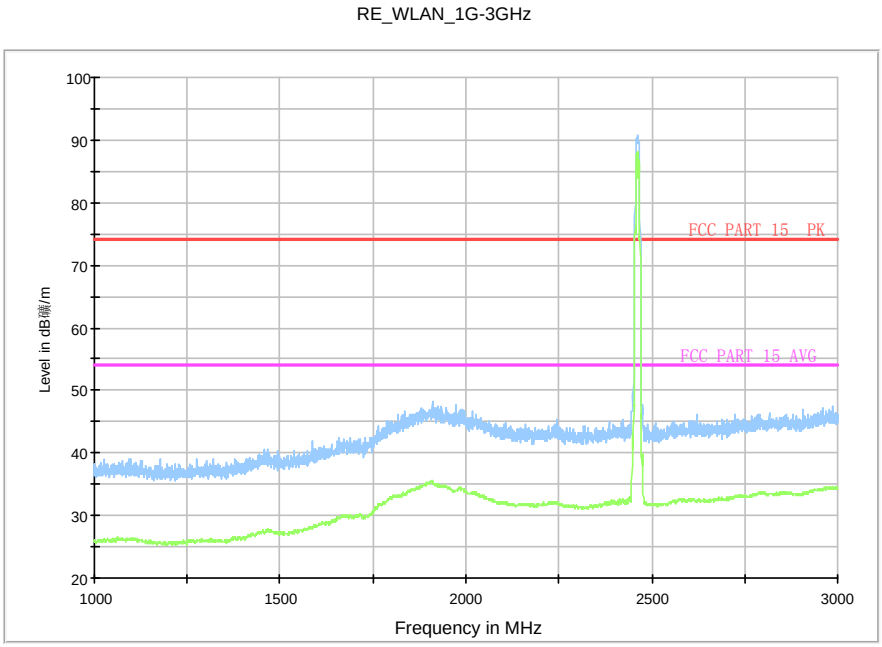

Fig.A.6.2.9 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3 GHz)

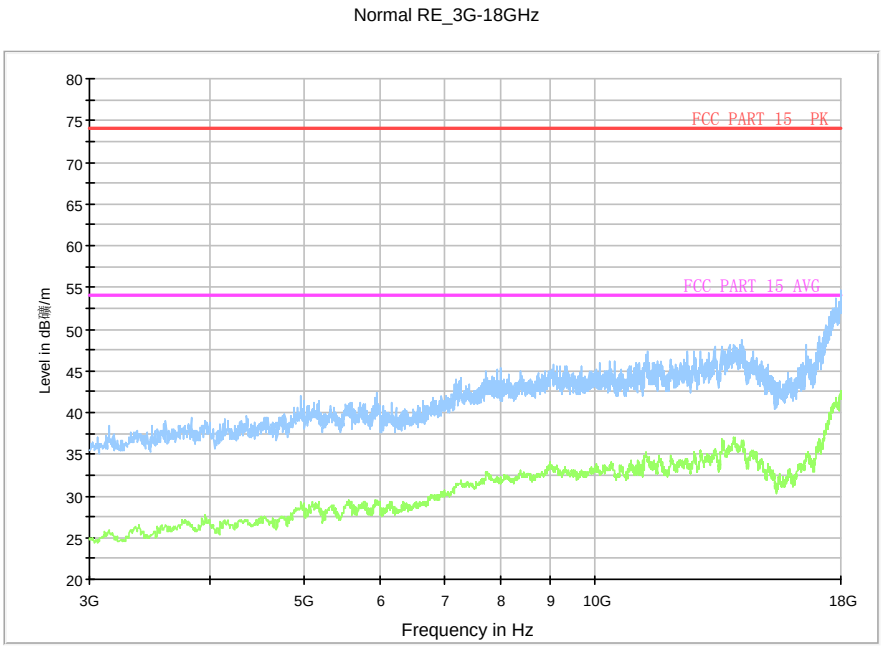

Fig.A.6.2.10 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

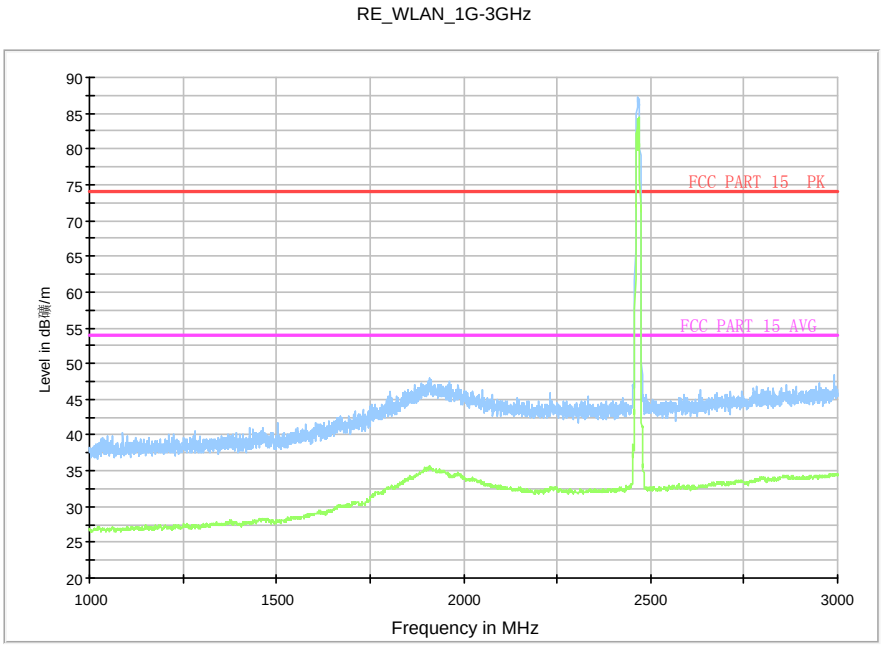

Fig.A.6.2.11 Radiated Spurious Emission (802.11b, Ch12, 1 GHz-3 GHz)

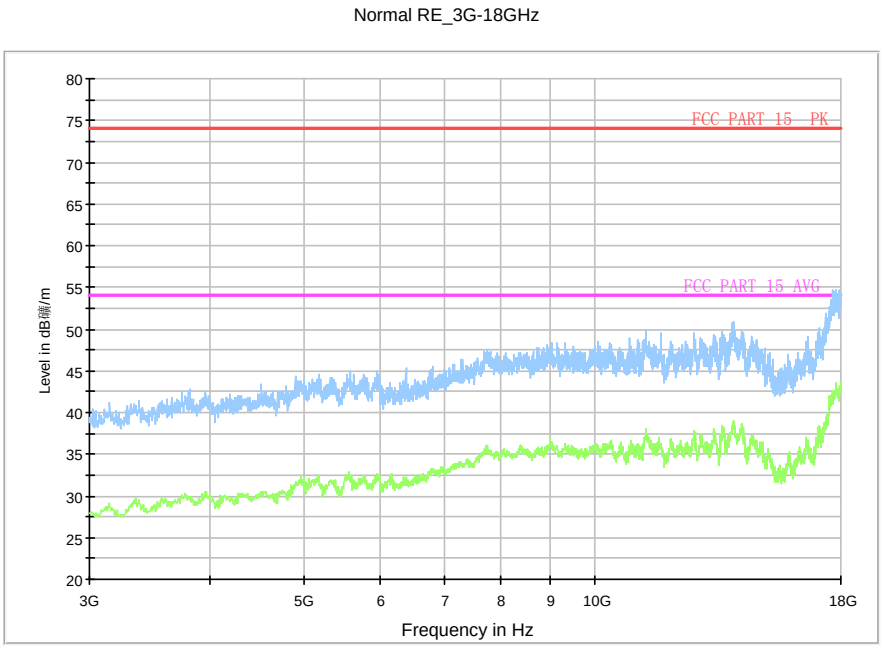

Fig.A.6.2.12 Radiated Spurious Emission (802.11b, Ch12, 3 GHz-18 GHz)

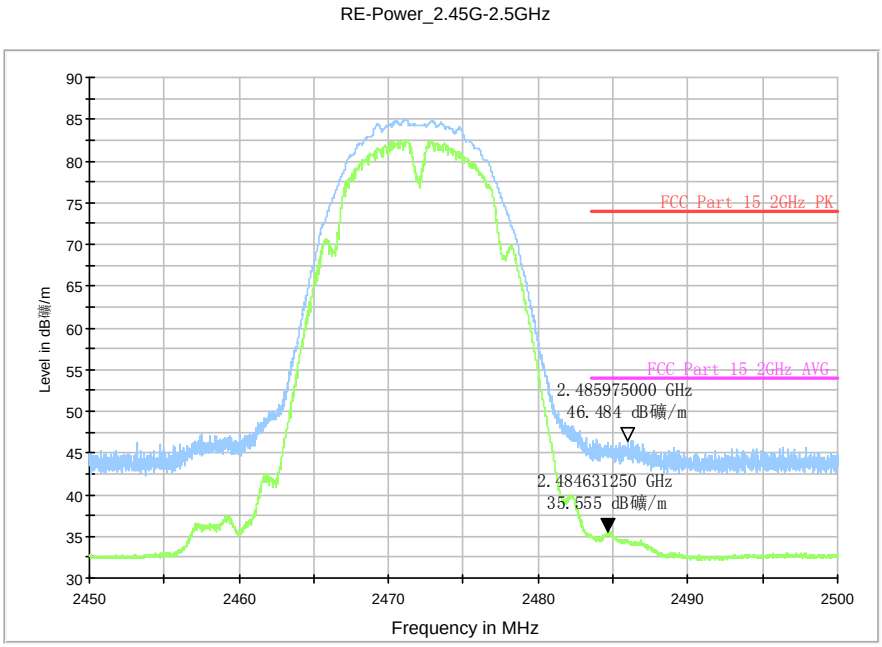

Fig.A.6.2.13 Radiated Spurious Emission (Power): 802.11b, ch13, 2.45 GHz - 2.50GHz

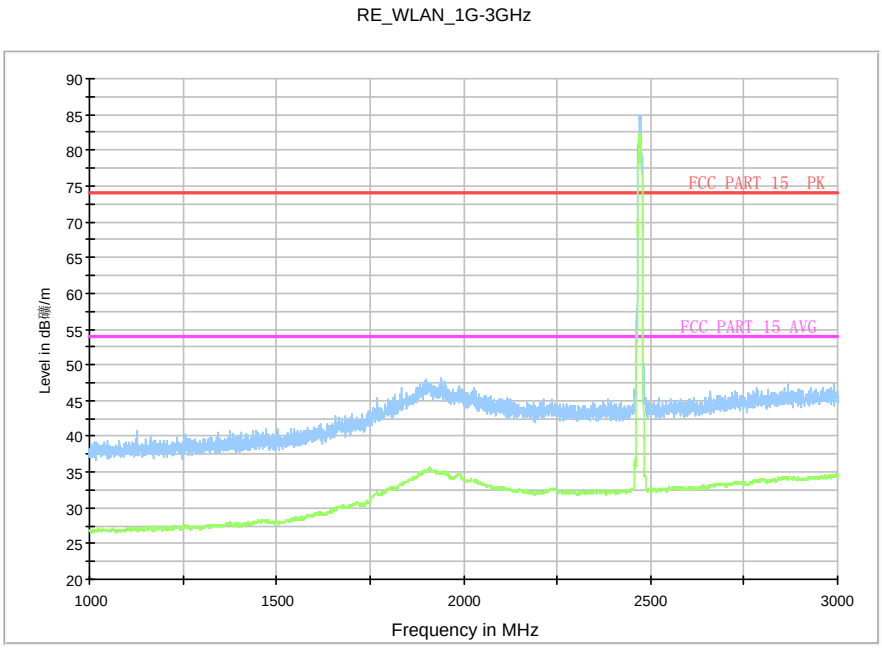

Fig.A.6.2.14 Radiated Spurious Emission (802.11b, Ch13, 1 GHz-3 GHz)

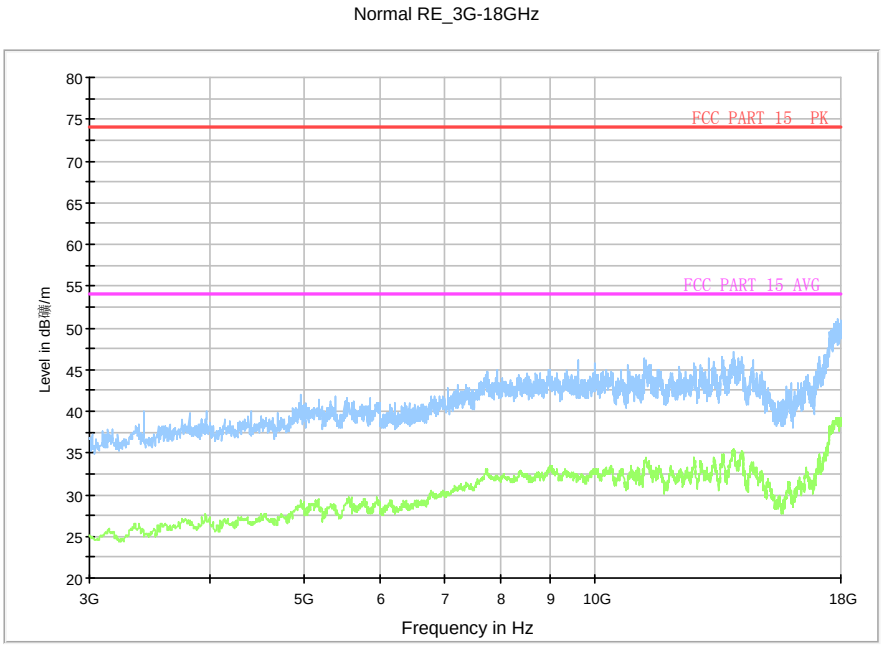

Fig.A.6.2.15 Radiated Spurious Emission (802.11b, Ch13, 3 GHz-18 GHz)

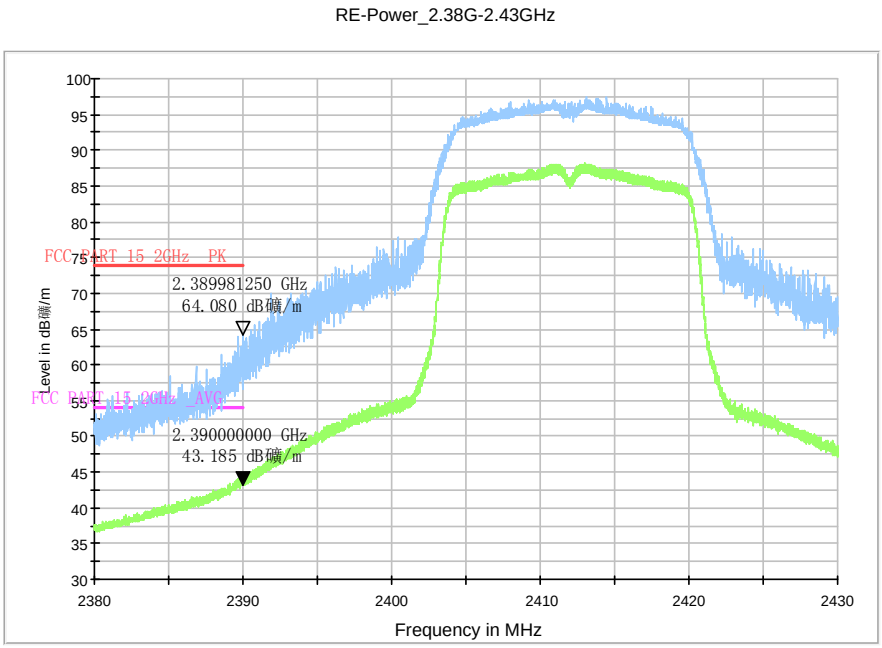

Fig.A.6.2.16 Radiated Spurious Emission (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz

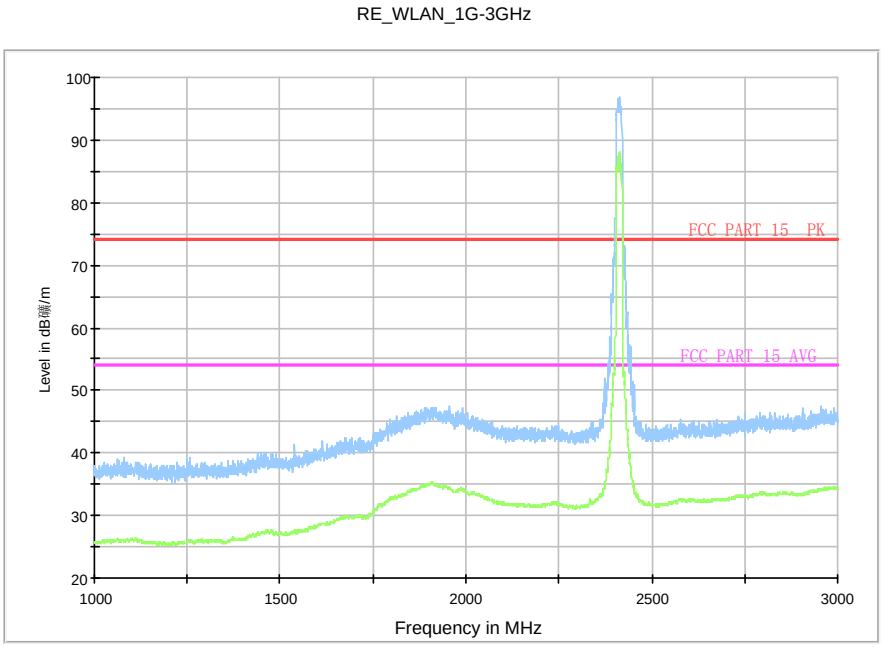

Fig.A.6.2.17 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)

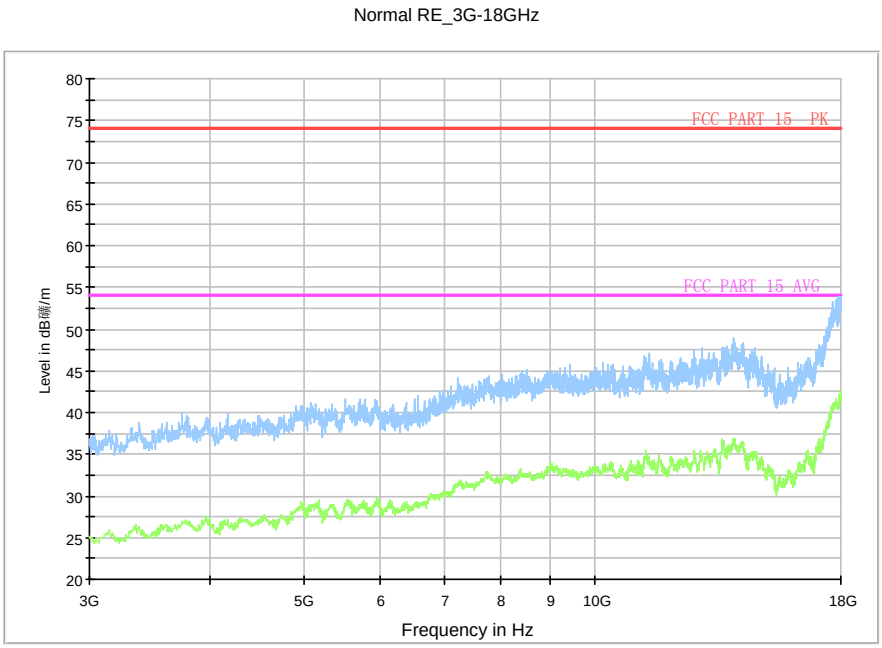

Fig.A.6.2.18 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

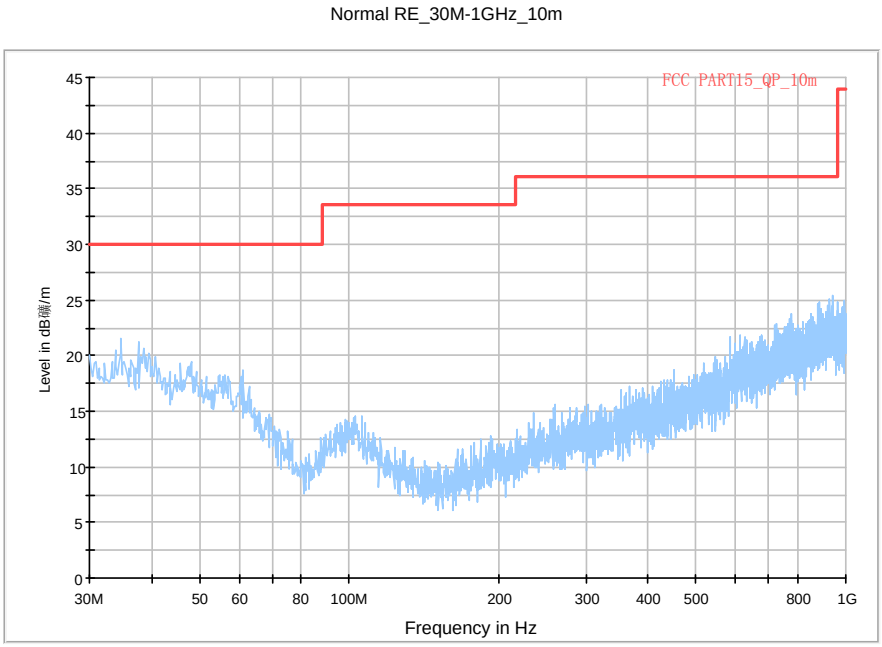

Fig.A.6.2.19 Radiated Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)

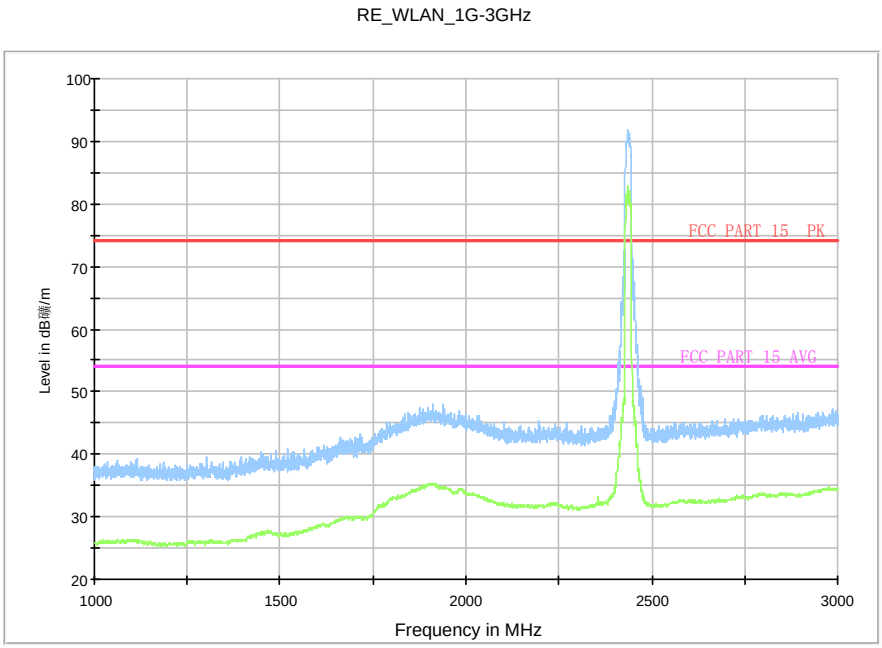

Fig.A.6.2.20 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)

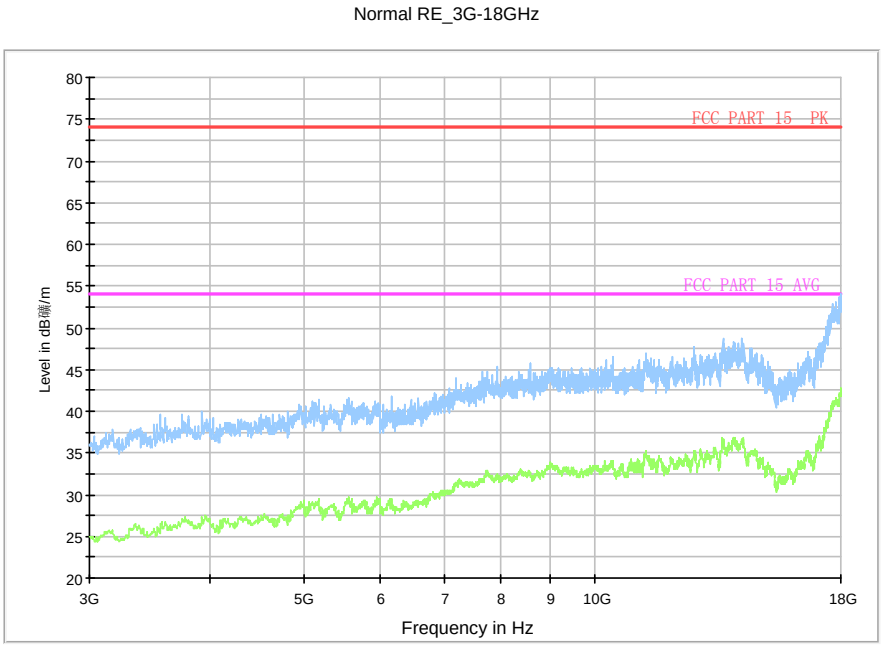

Fig.A.6.2.21 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

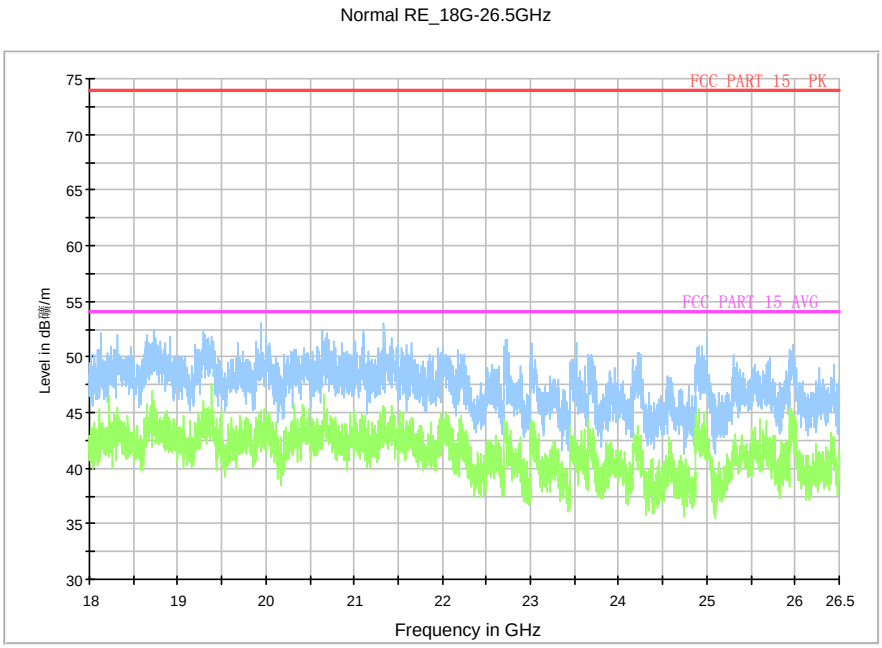

Fig.A.6.2.22 Radiated Spurious Emission (802.11g, Ch6, 18GHz – 26.5GHz)

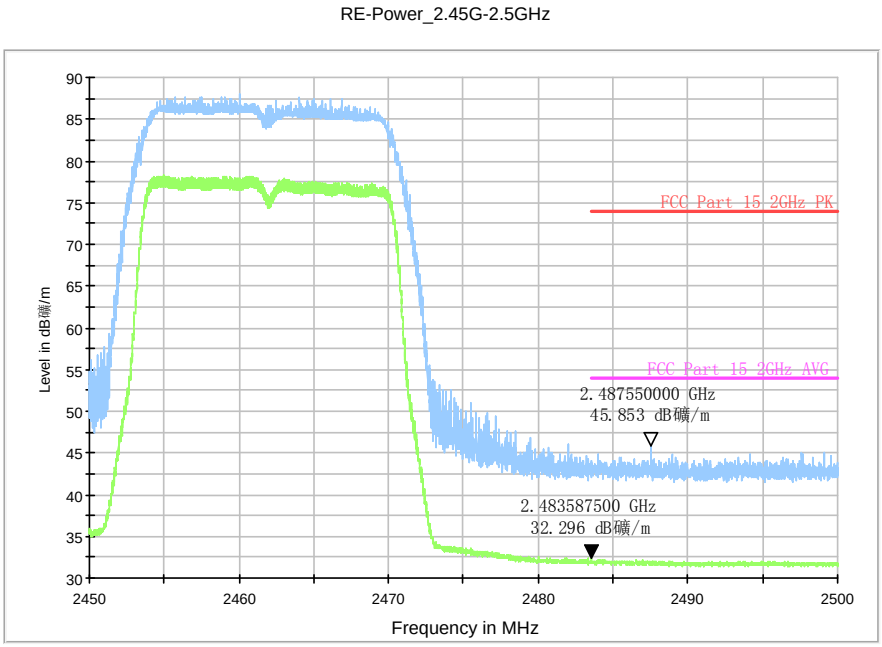

Fig.A.6.2.23 Radiated Spurious Emission (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

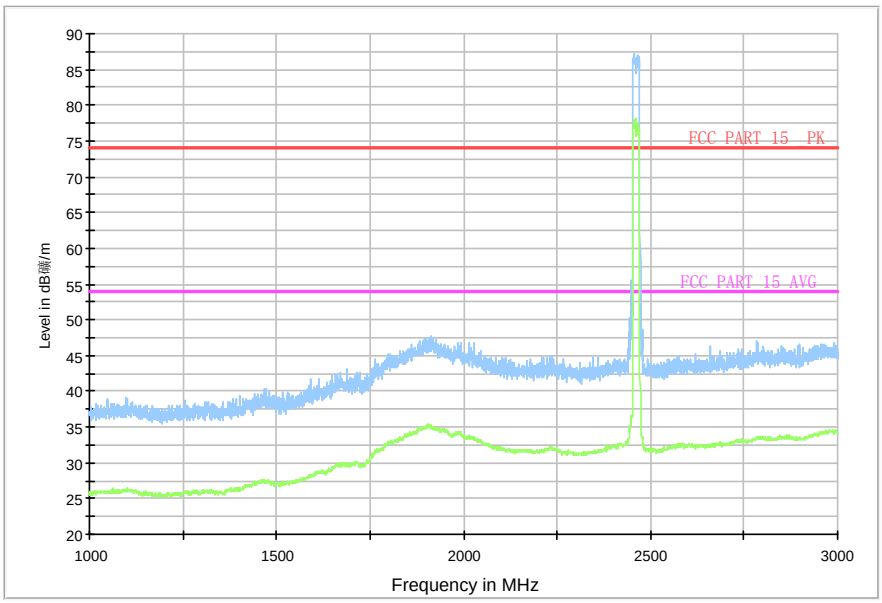

Fig.A.6.2.24 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)

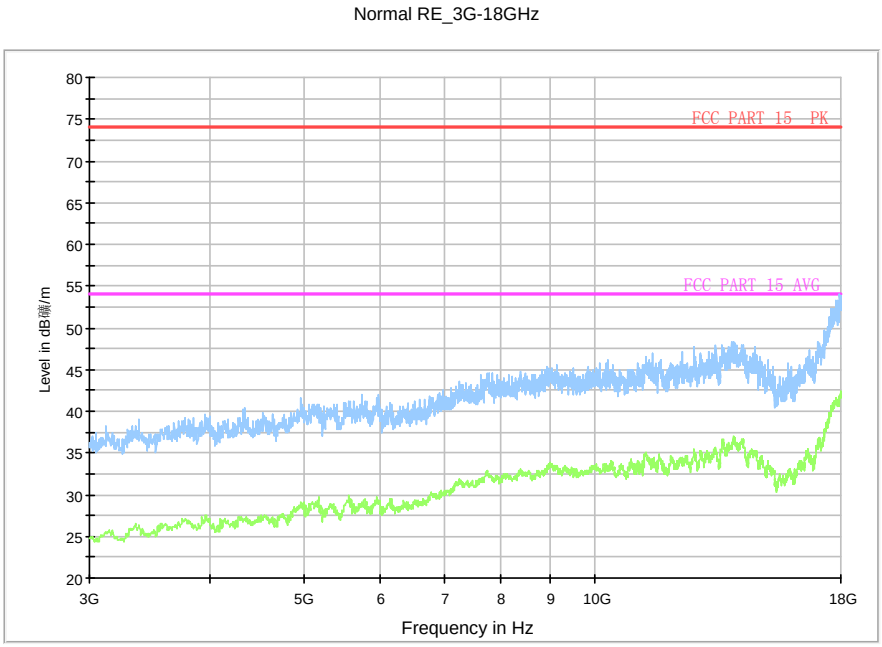

Fig.A.6.2.25 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

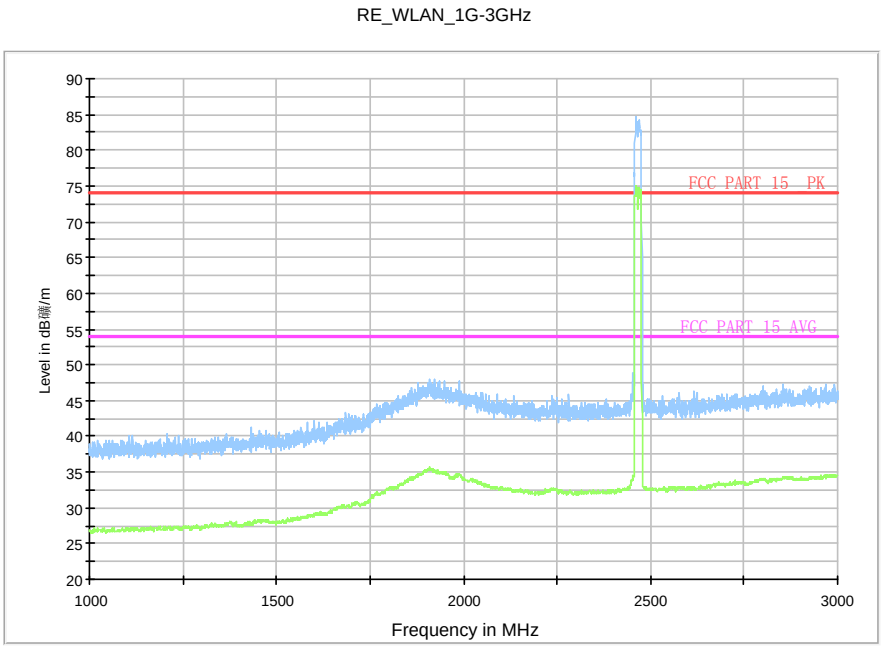

Fig.A.6.2.26 Radiated Spurious Emission (802.11g, Ch12, 1 GHz-3 GHz)

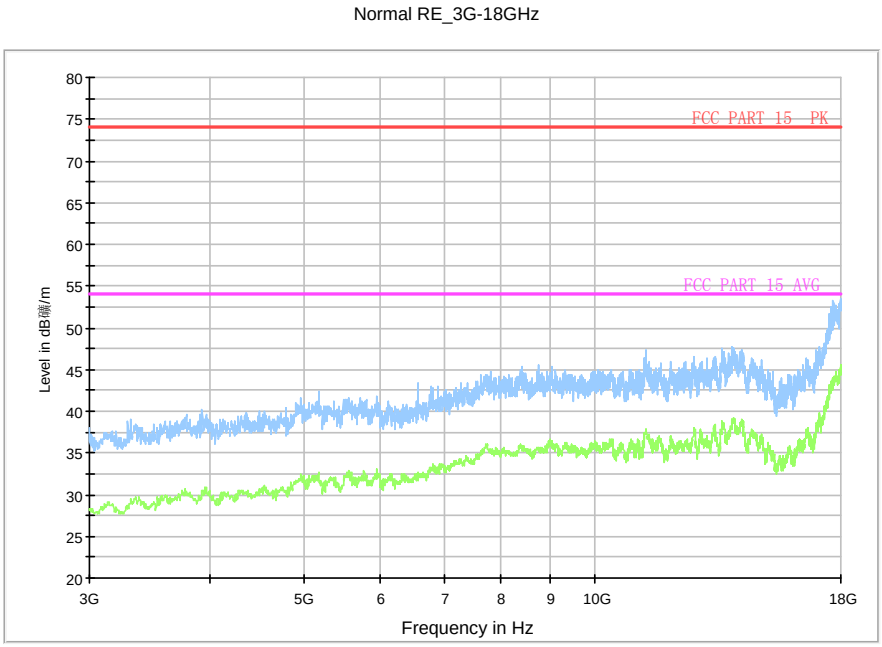

Fig.A.6.2.27 Radiated Spurious Emission (802.11g, Ch12, 3 GHz-18 GHz)

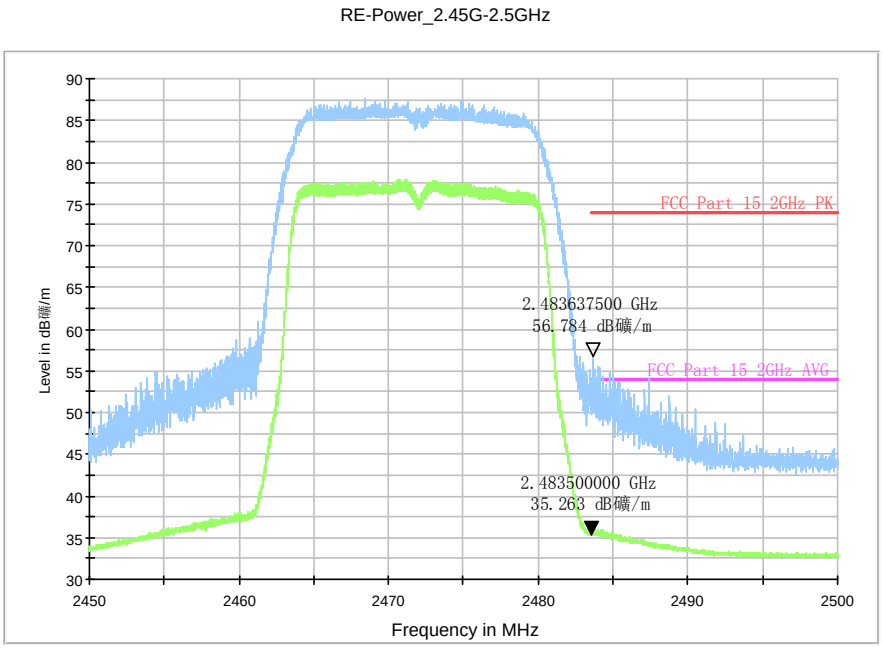

Fig.A.6.2.28 Radiated Spurious Emission (Power): 802.11g, ch13, 2.45 GHz - 2.50GHz

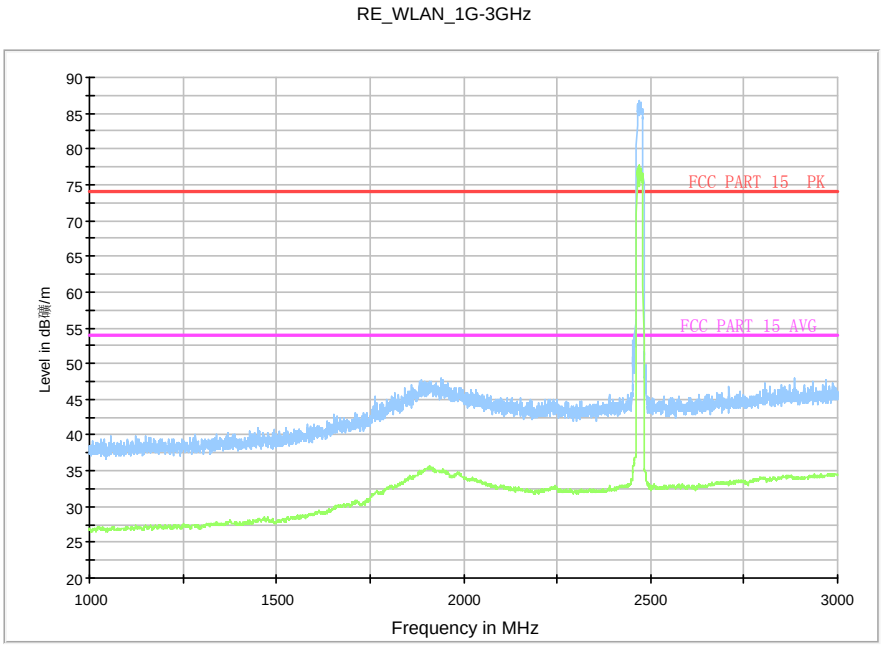

Fig.A.6.2.29 Radiated Spurious Emission (802.11g, Ch13, 1 GHz-3 GHz)

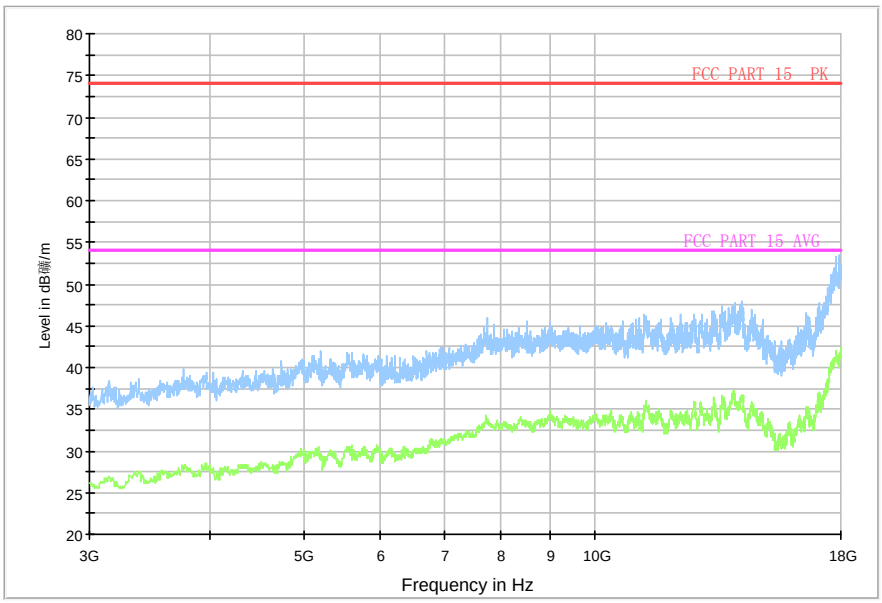

Fig.A.6.2.30 Radiated Spurious Emission (802.11g, Ch13, 3 GHz-18 GHz)

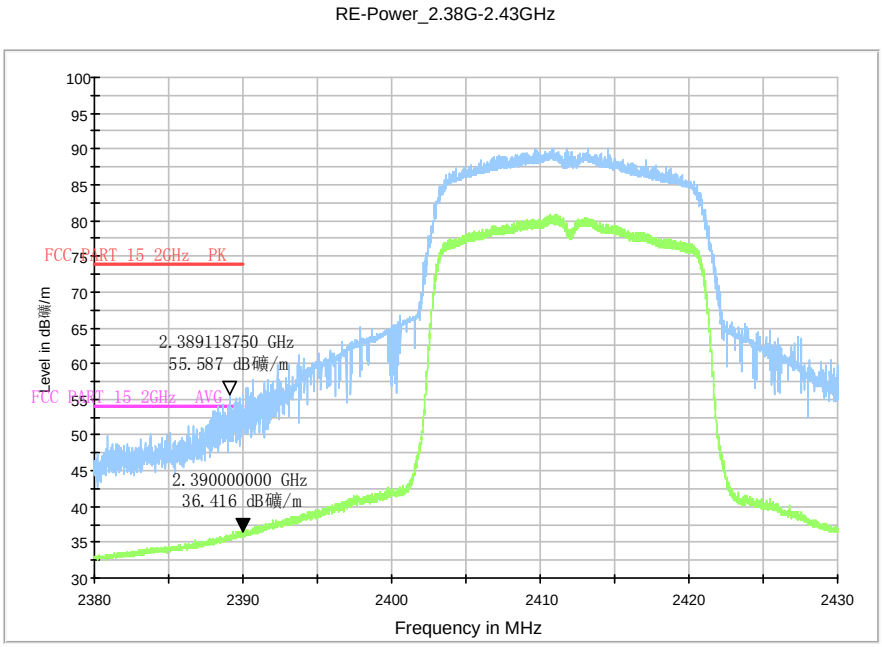

Fig.A.6.2.31 Radiated Spurious Emission (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.45GHz

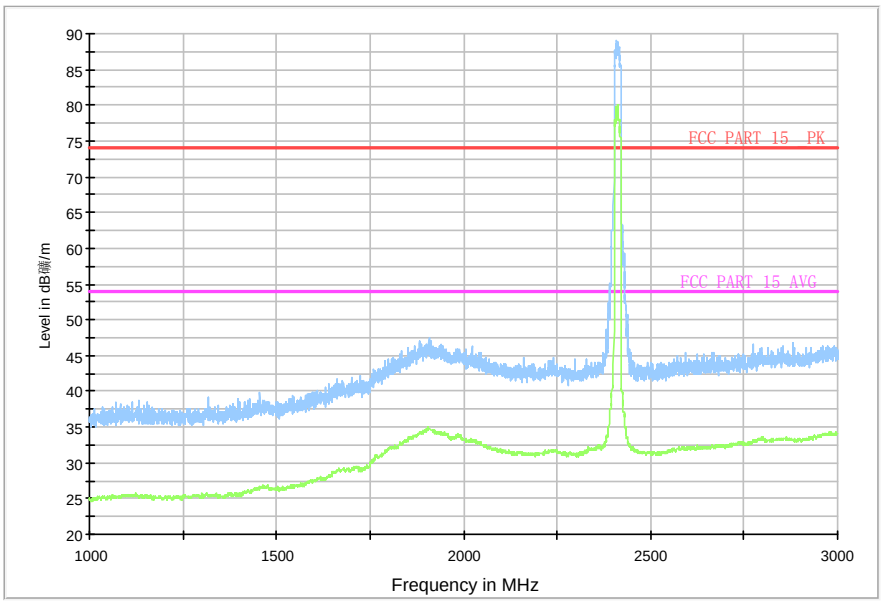

Fig.A.6.2.32 Radiated Spurious Emission (802.11n-HT20, Ch1, 1 GHz-3 GHz)

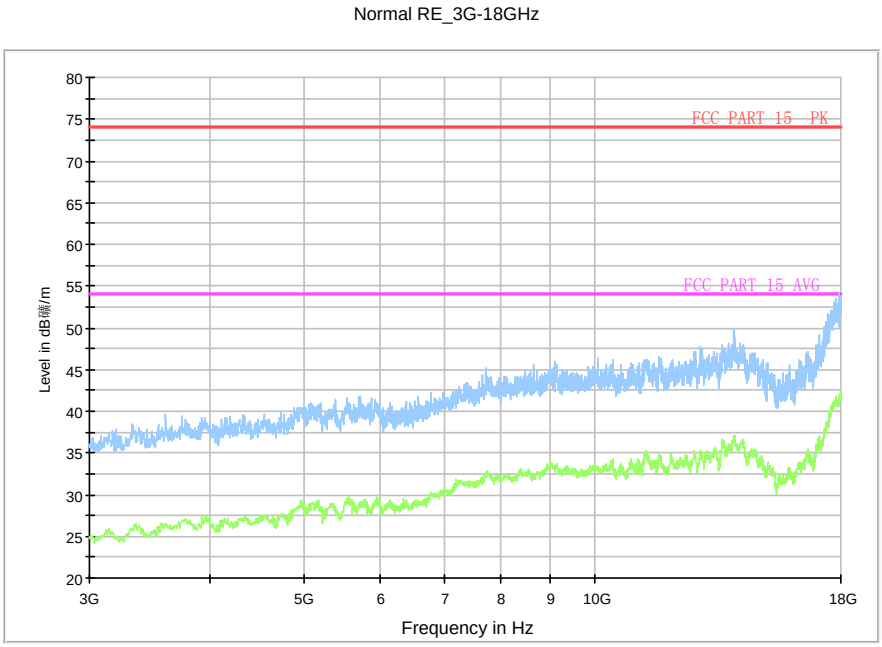

Fig.A.6.2.33 Radiated Spurious Emission (802.11n-HT20, Ch1, 3 GHz-18 GHz)

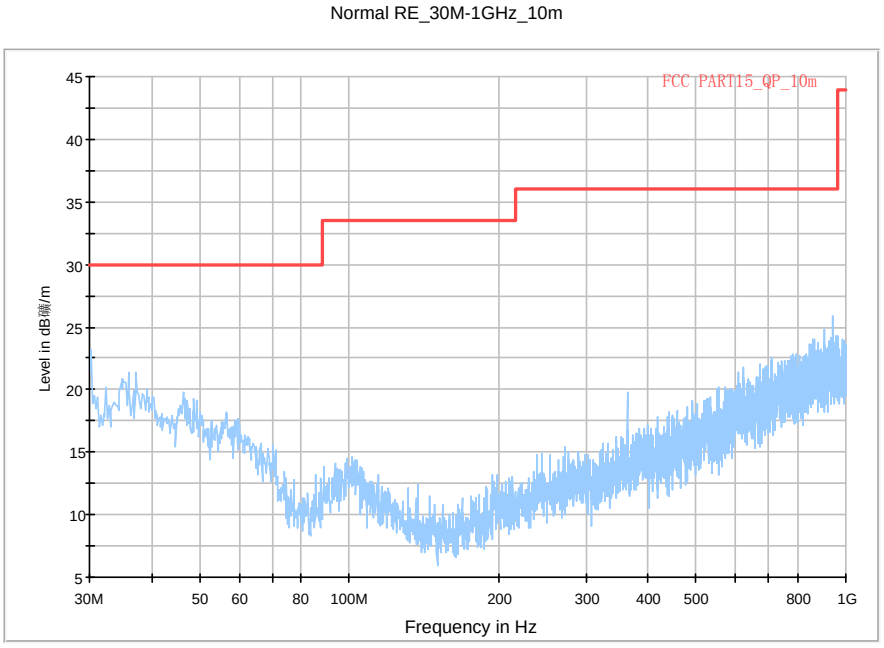

Fig.A.6.2.34 Radiated Spurious Emission (802.11n-HT20, Ch6, 30 MHz-1 GHz)

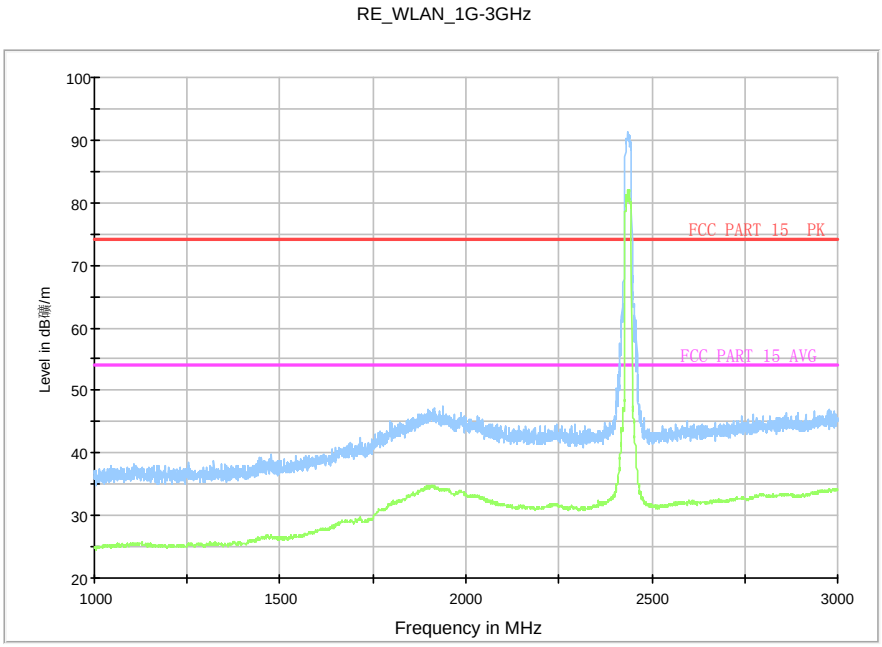

Fig.A.6.2.35 Radiated Spurious Emission (802.11n-HT20, Ch6, 1 GHz-3 GHz)

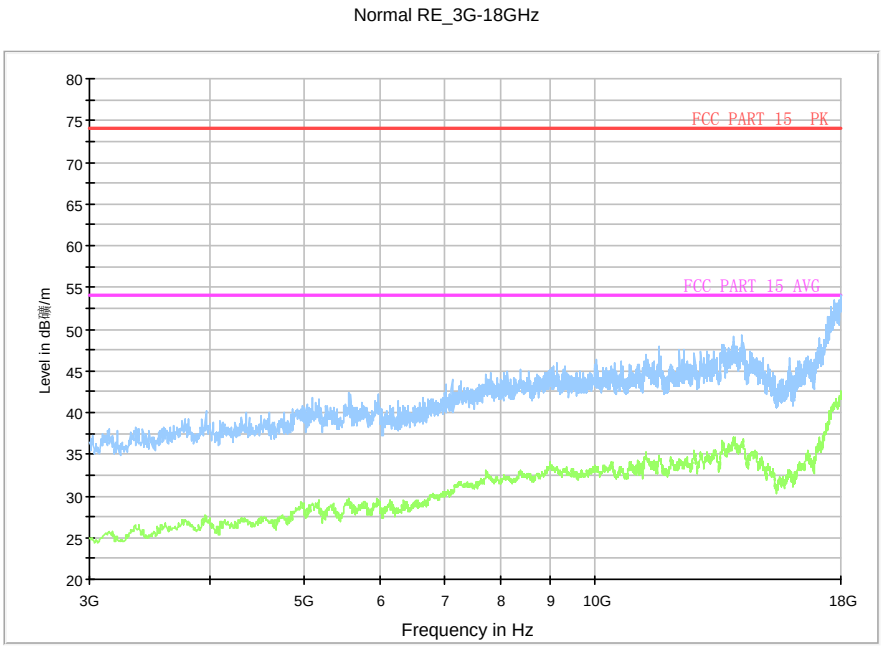

Fig.A.6.2.36 Radiated Spurious Emission (802.11n-HT20, Ch6, 3 GHz-18 GHz)

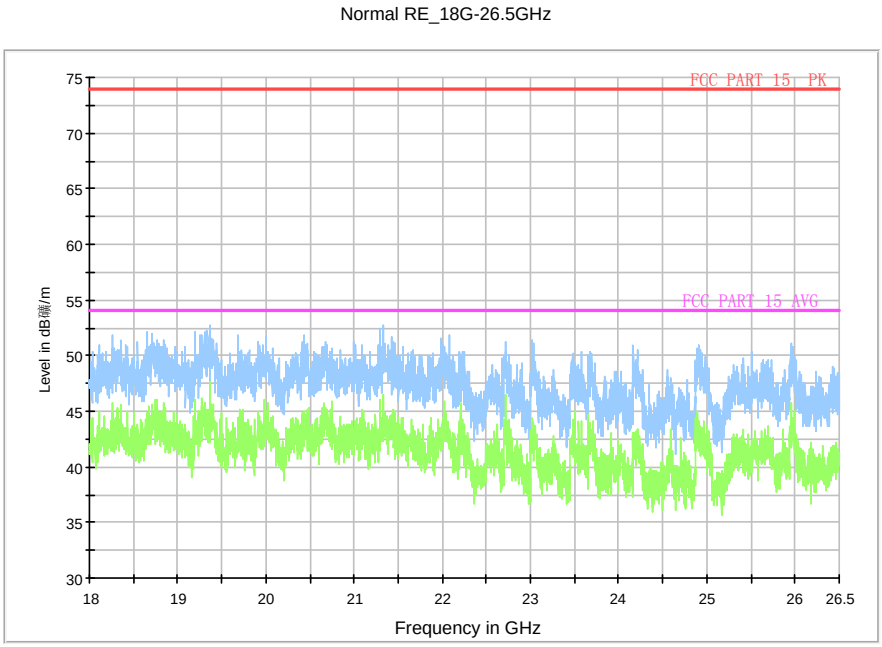

Fig.A.6.2.37 Radiated Spurious Emission (802.11n-HT20, Ch6, 18GHz – 26.5GHz)

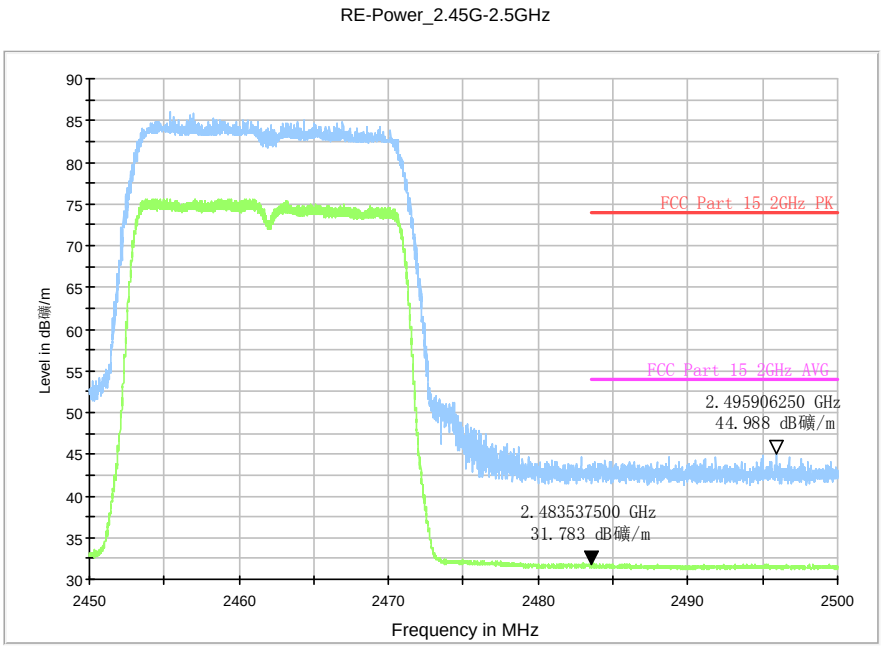

Fig.A.6.2.38 Radiated Spurious Emission (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

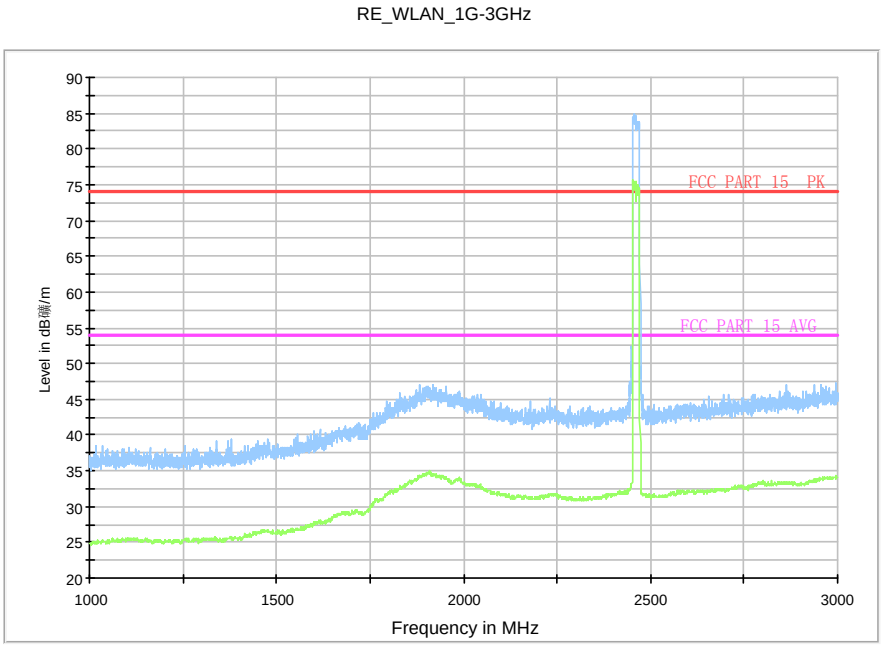

Fig.A.6.2.39 Radiated Spurious Emission (802.11n-HT20, Ch11, 1 GHz-3 GHz)

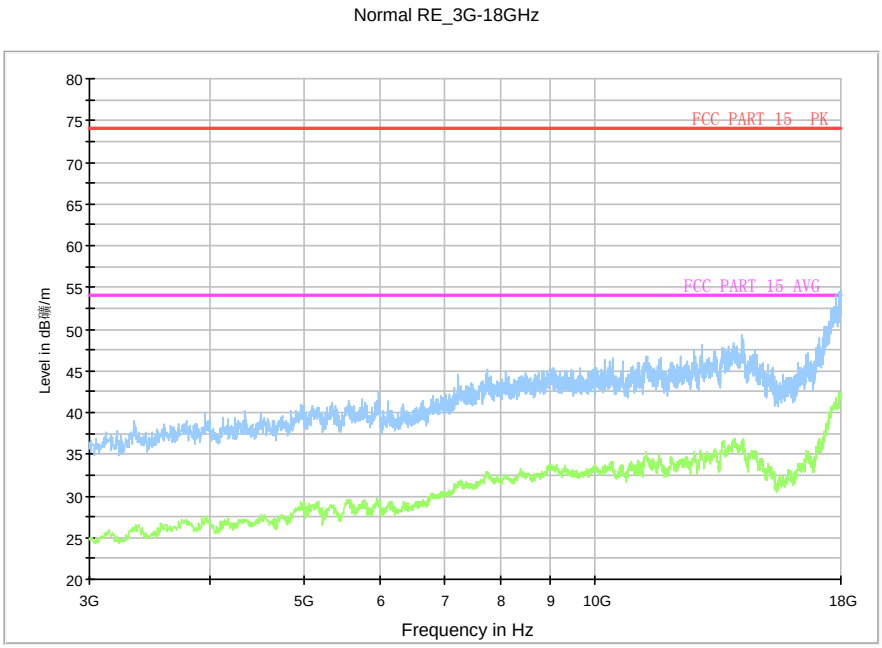

Fig.A.6.2.40 Radiated Spurious Emission (802.11n-HT20, Ch11, 3 GHz-18 GHz)

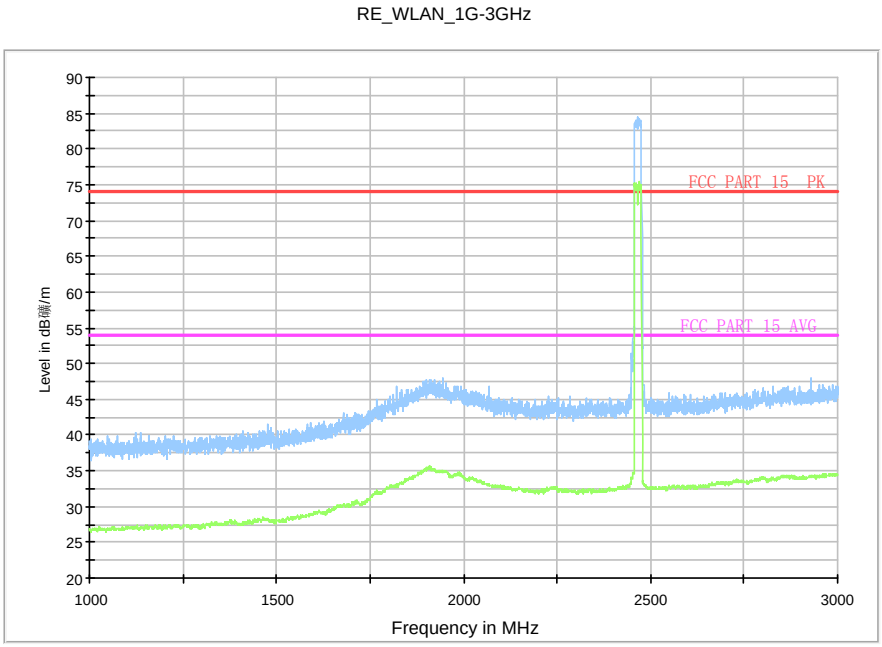

Fig.A.6.2.41 Radiated Spurious Emission (802.11n-HT20, Ch12, 1 GHz-3 GHz)

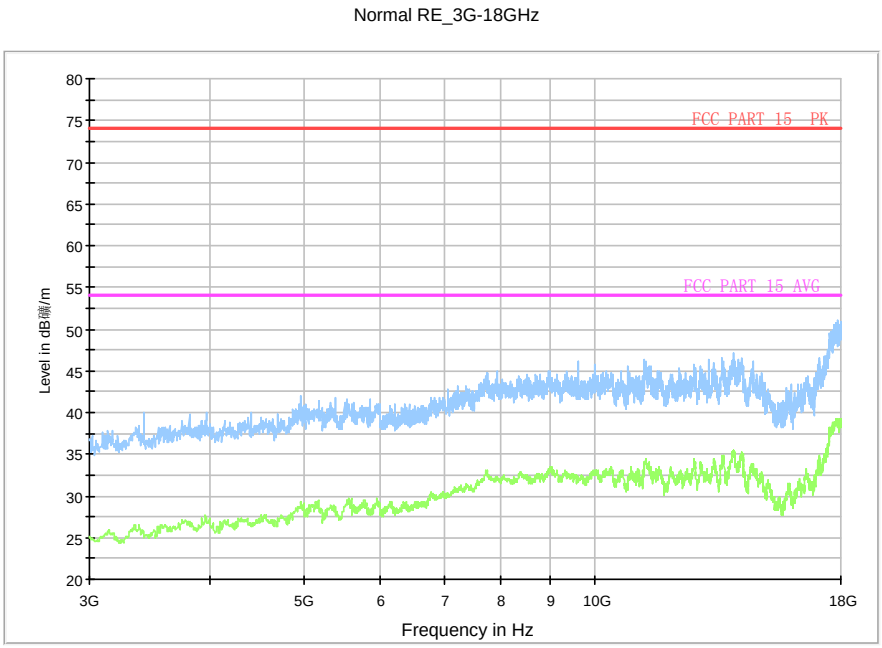

Fig.A.6.2.42 Radiated Spurious Emission (802.11n-HT20, Ch12, 3 GHz-18 GHz)

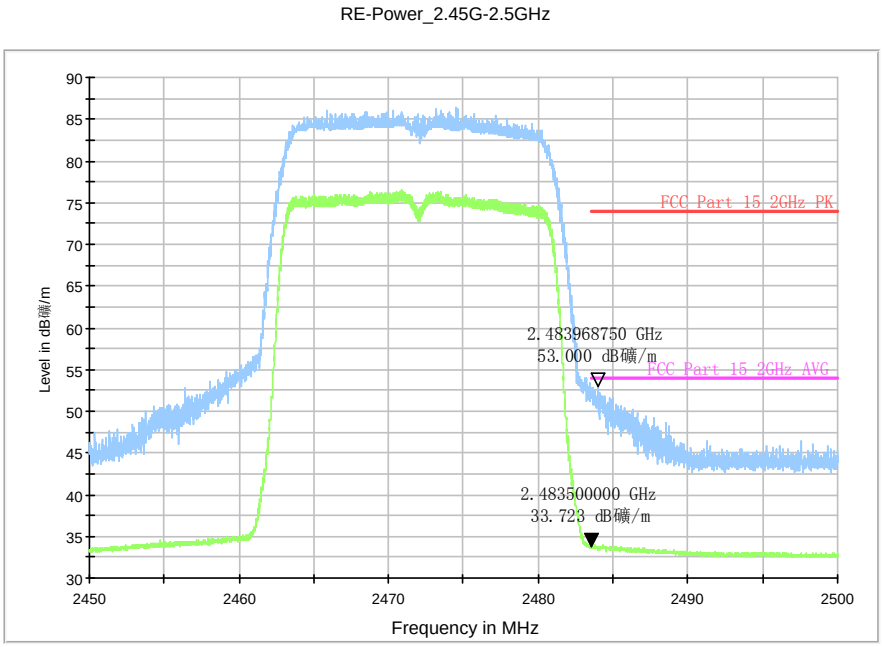

Fig.A.6.2.43 Radiated Spurious Emission (Power): 802.11n-HT20, ch13, 2.45 GHz - 2.50GHz

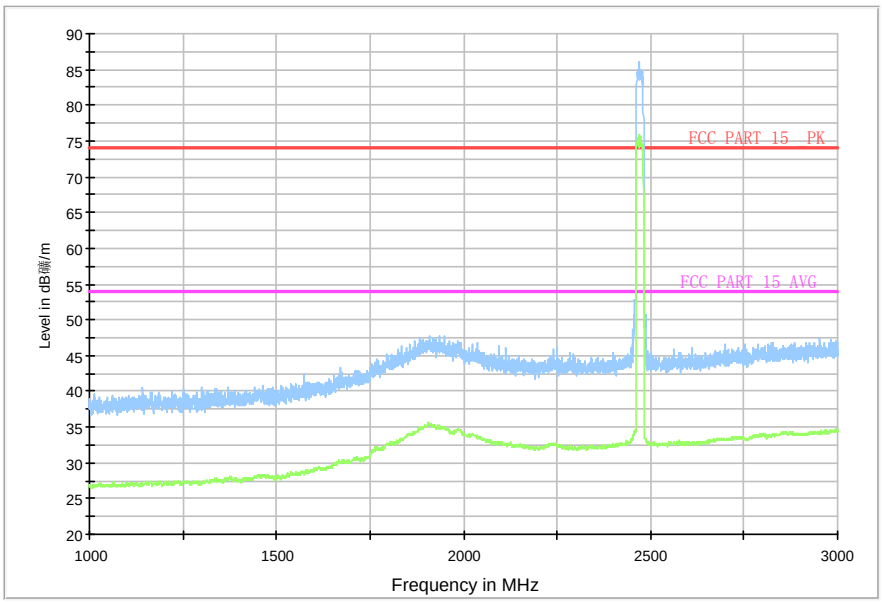

Fig.A.6.2.44 Radiated Spurious Emission (802.11n-HT20, Ch13, 1 GHz-3 GHz)

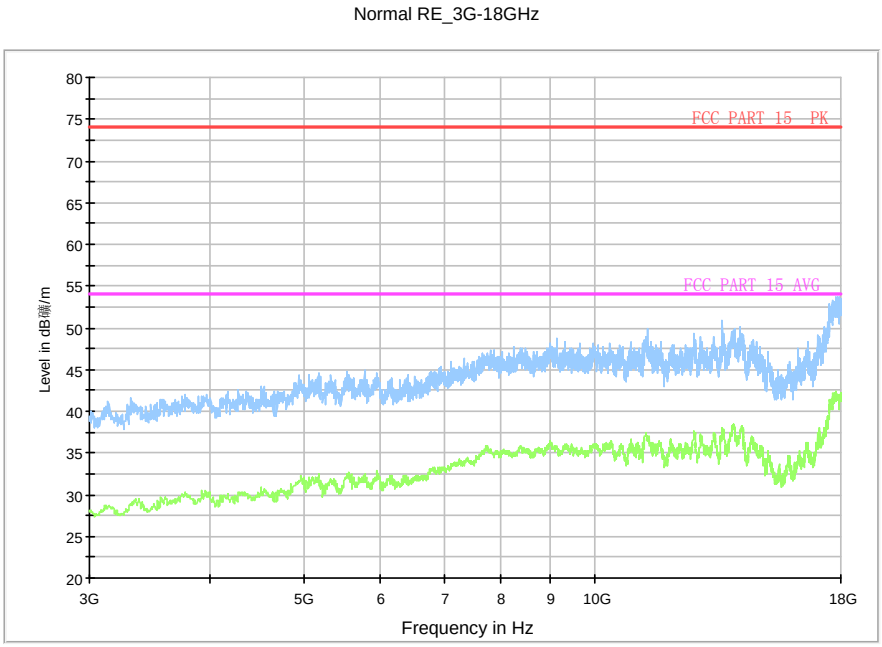

Fig.A.6.2.45 Radiated Spurious Emission (802.11n-HT20, Ch13, 3 GHz-18 GHz)

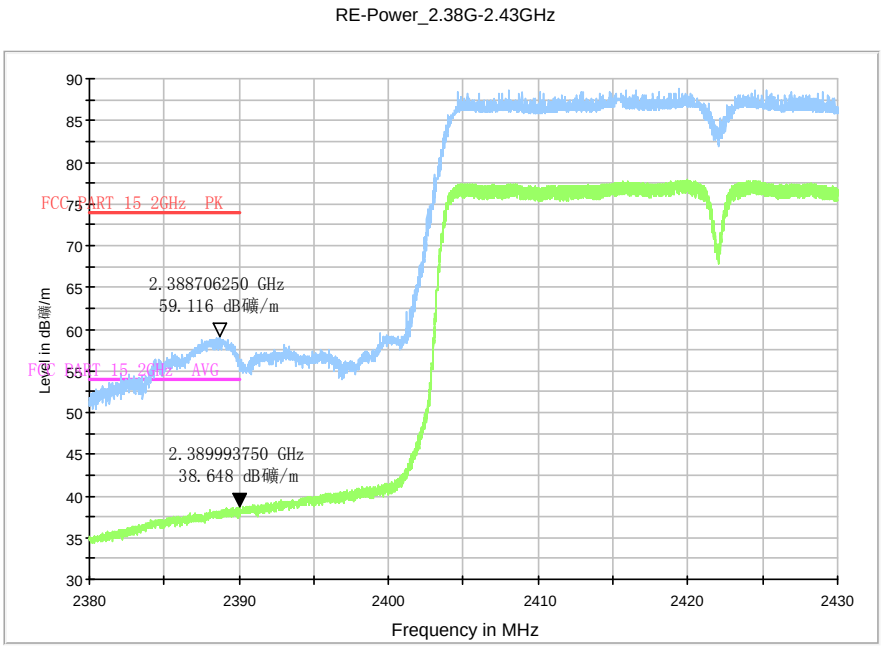

Fig.A.6.2.46 Radiated Spurious Emission (Power): 802.11n-HT40, ch3, 2.38 GHz - 2.45GHz

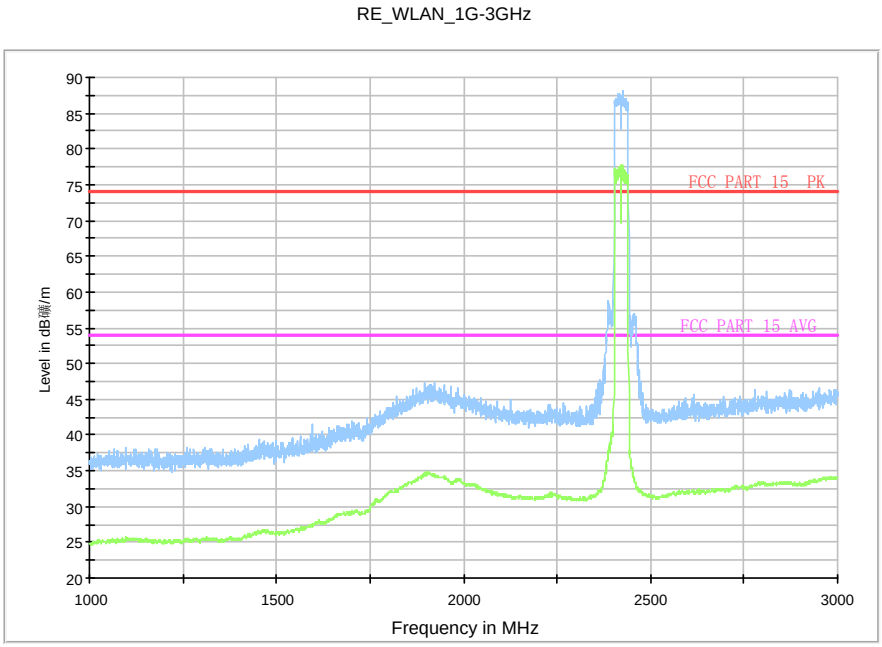

Fig.A.6.2.47 Radiated Spurious Emission (802.11n-HT40, ch3, 1 GHz-3 GHz)

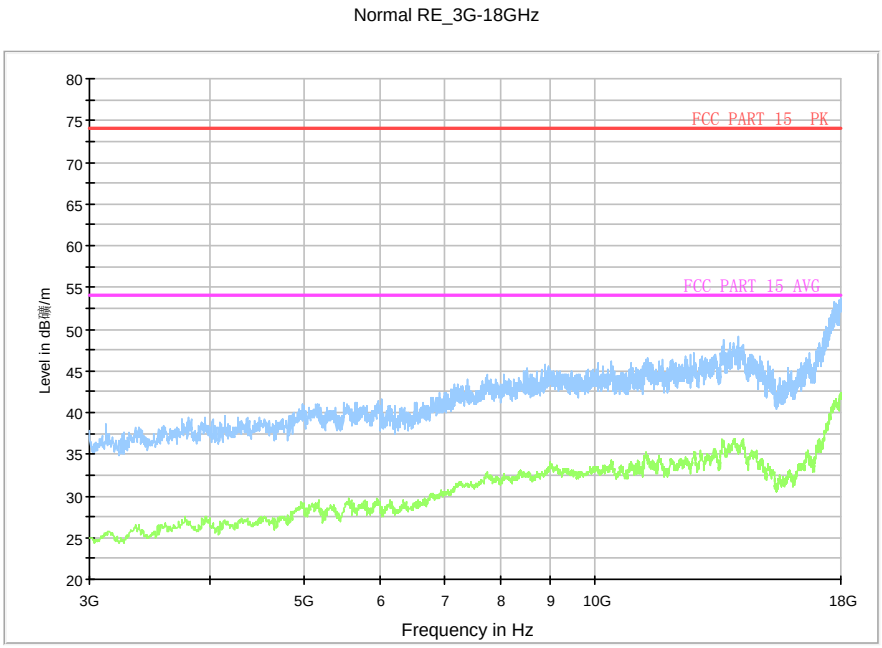

Fig.A.6.2.48 Radiated Spurious Emission (802.11n-HT40, ch3, 3 GHz-18 GHz)

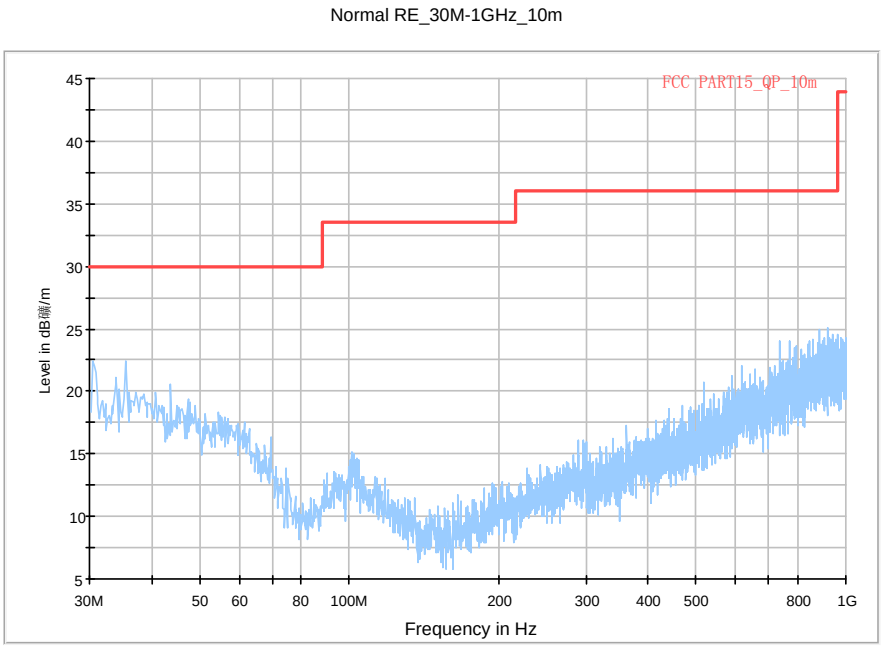

Fig.A.6.2.49 Radiated Spurious Emission (802.11n-HT40, Ch6, 30 MHz-1 GHz)

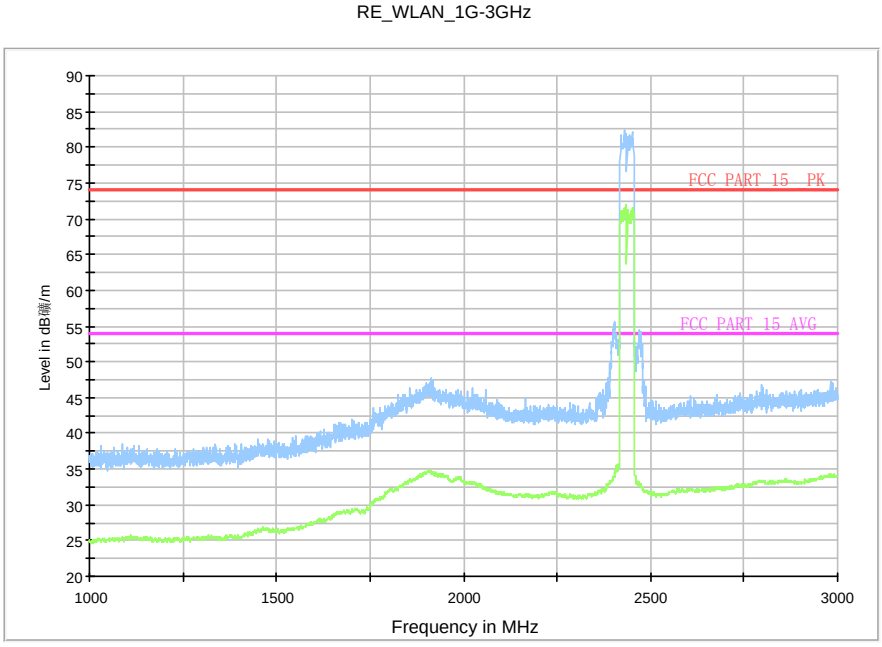

Fig.A.6.2.50 Radiated Spurious Emission (802.11n-HT40, Ch6, 1 GHz-3 GHz)

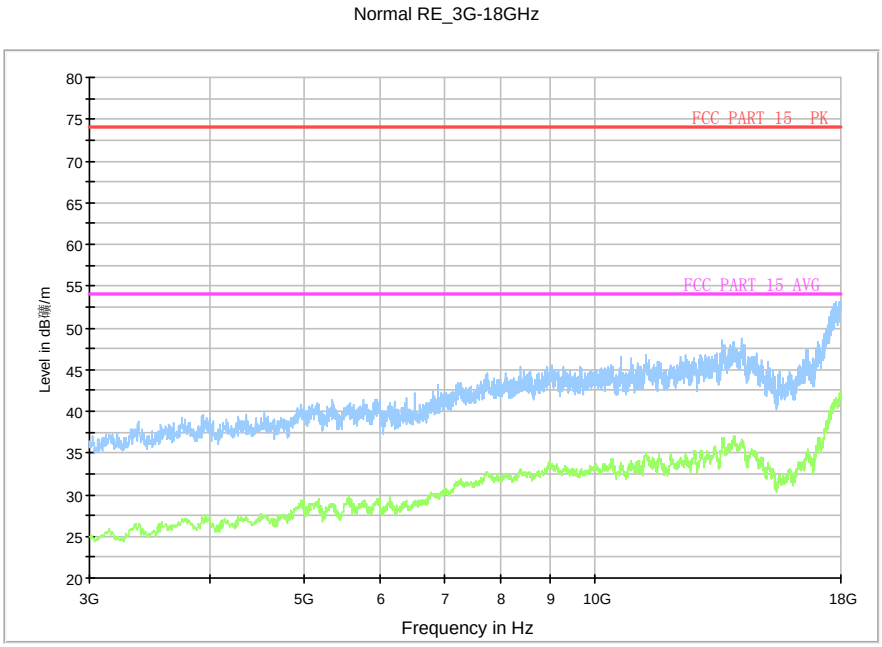

Fig.A.6.2.51 Radiated Spurious Emission (802.11n-HT40, Ch6, 3 GHz-18 GHz)

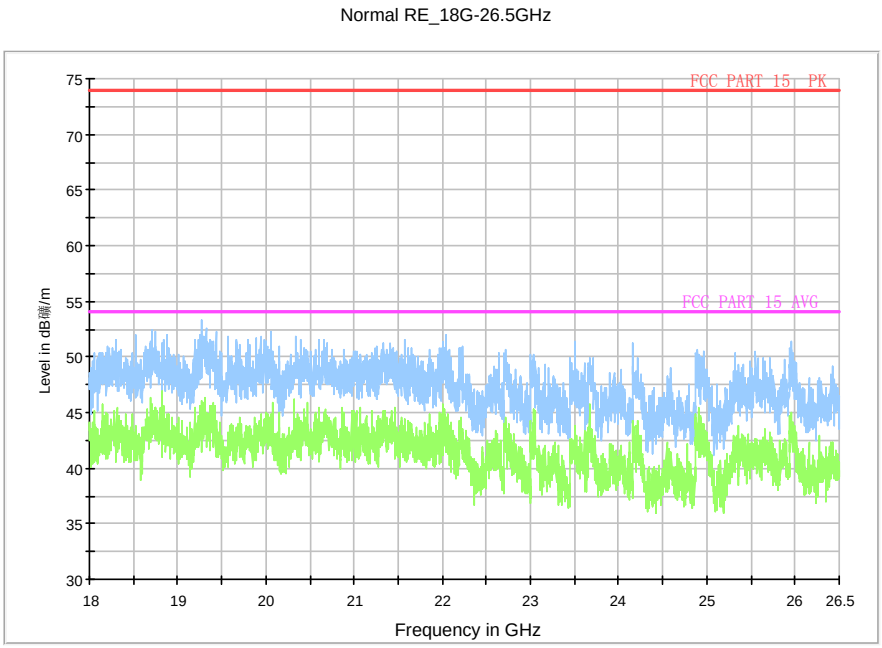

Fig.A.6.2.52 Radiated Spurious Emission (802.11n-HT40, Ch6, 18GHz – 26.5GHz)

RE-Power_2.45G-2.5GHz

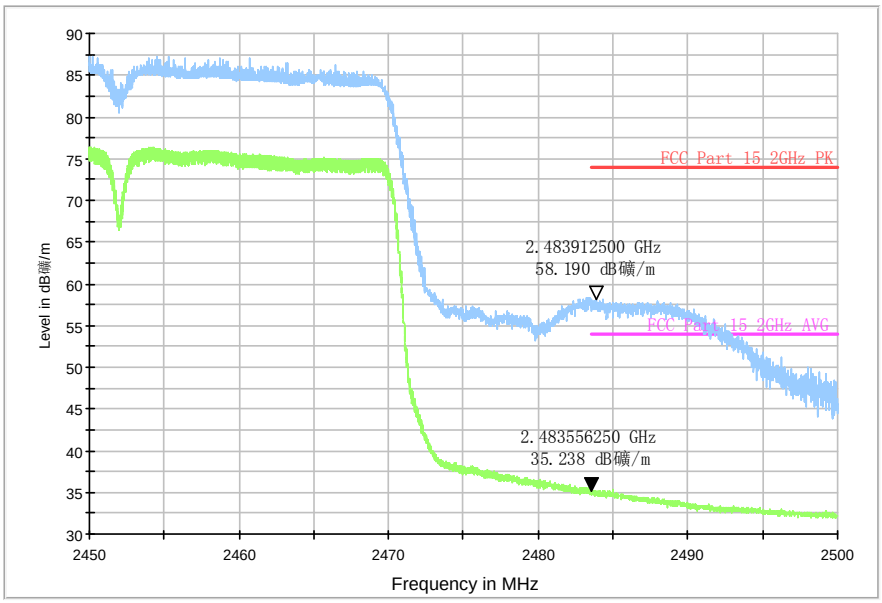

Fig.A.6.2.53 Radiated Spurious Emission (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

RE_WLAN_1G-3GHz

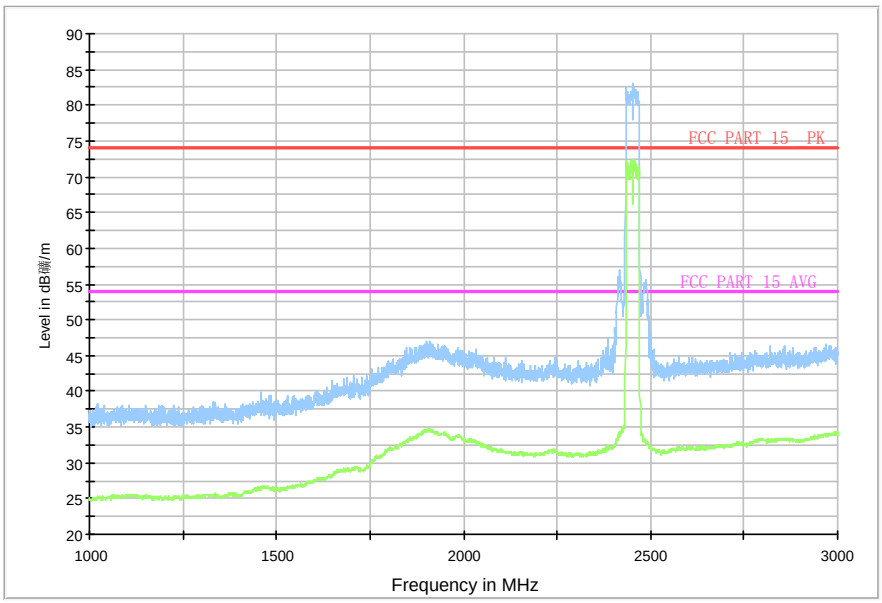

Fig.A.6.2.54 Radiated Spurious Emission (802.11n-HT40, ch9, 1 GHz-3 GHz)

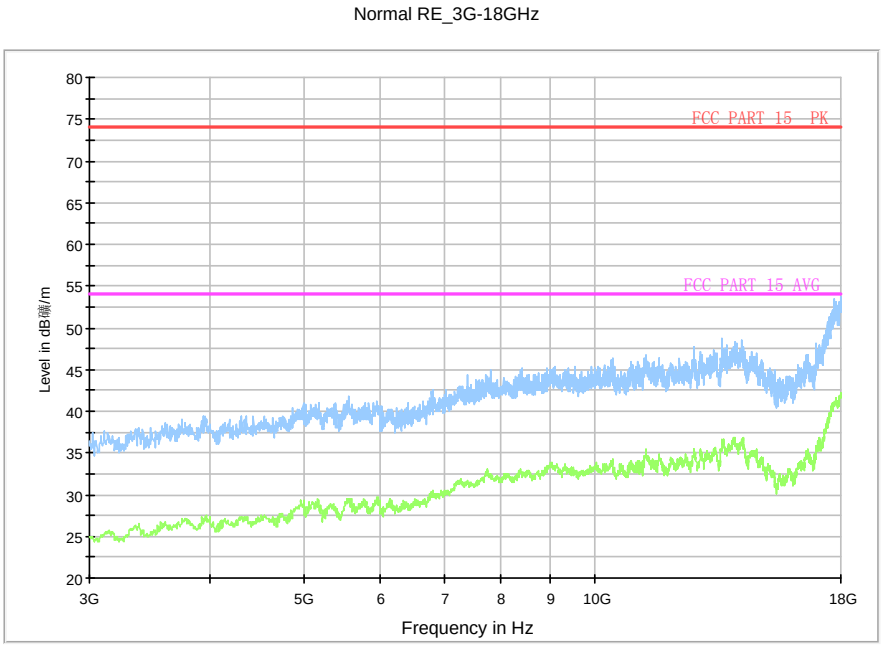

Fig.A.6.2.55 Radiated Spurious Emission (802.11n-HT40, ch9, 3 GHz-18 GHz)

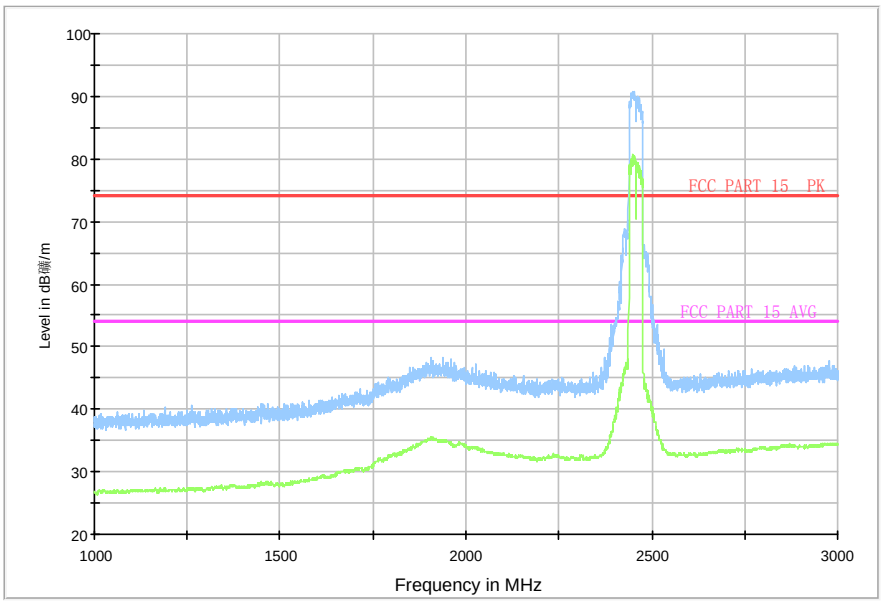

Fig.A.6.2.56 Radiated Spurious Emission (802.11n-HT40, Ch10, 1 GHz-3 GHz)

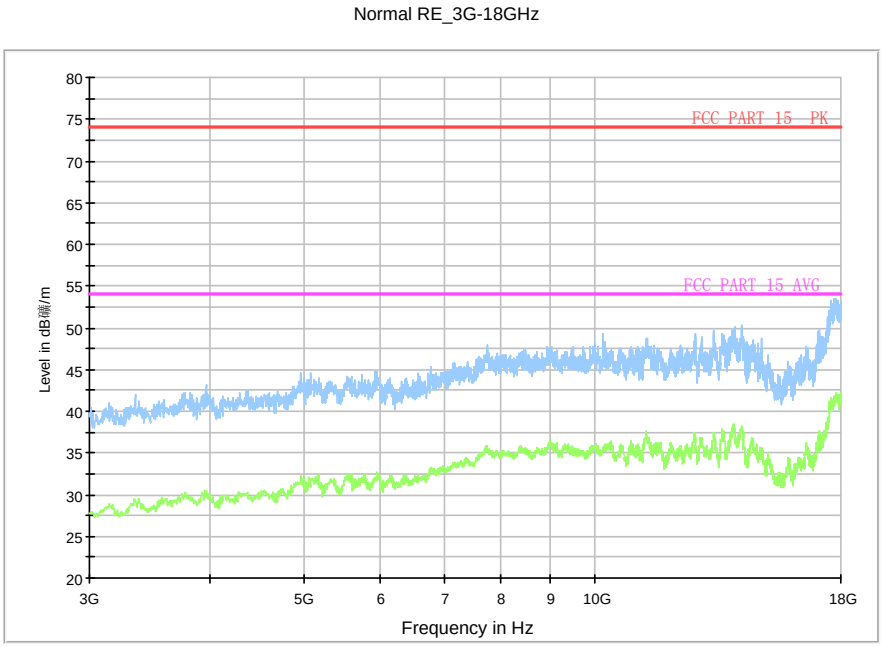

Fig.A.6.2.57 Radiated Spurious Emission (802.11n-HT40, Ch10, 3 GHz-18 GHz)

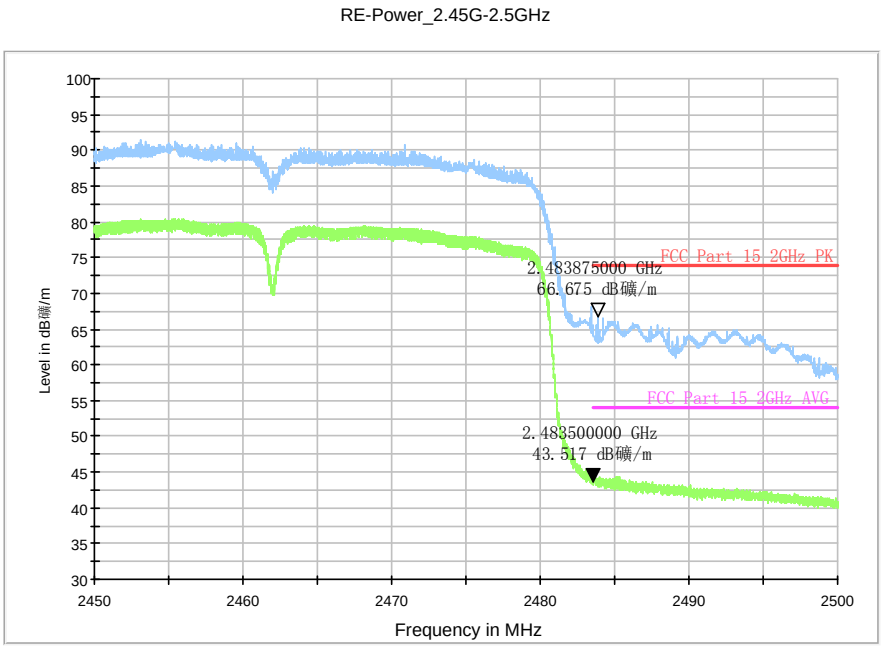

Fig.A.6.2.58 Radiated Spurious Emission (Power): 802.11n-HT40, ch11, 2.45 GHz - 2.50GHz

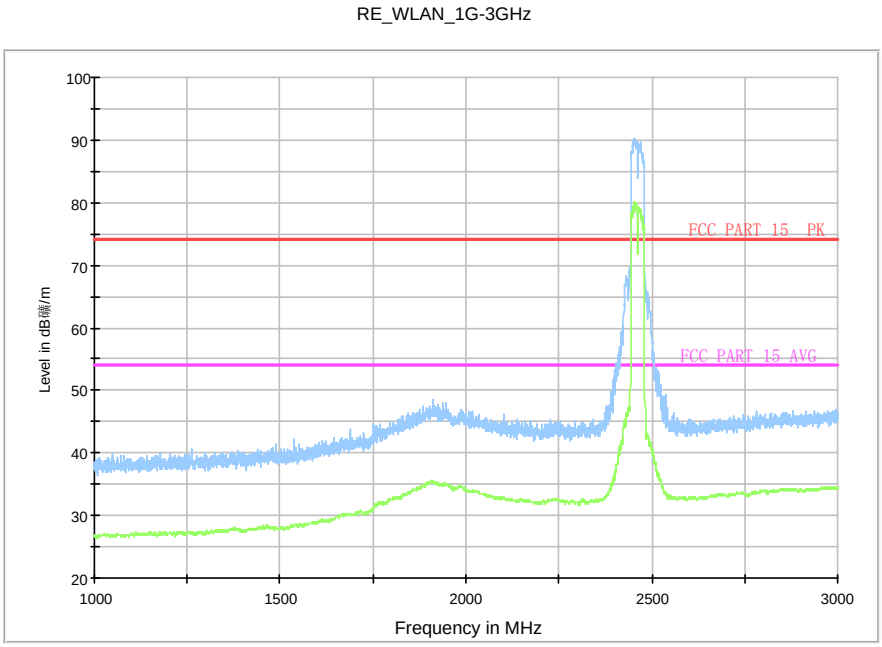

Fig.A.6.2.59 Radiated Spurious Emission (802.11n-HT40, Ch11, 1 GHz-3 GHz)

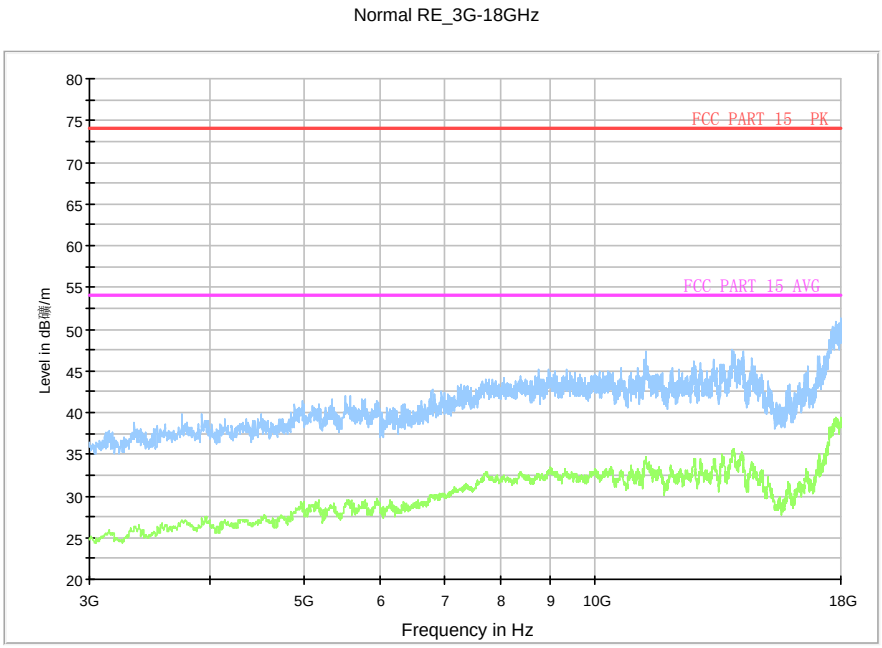

Fig.A.6.2.60 Radiated Spurious Emission (802.11n-HT40, Ch11, 3 GHz-18 GHz)

A.7. AC Powerline Conducted Emission

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	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 Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	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.				

Conclusion: Pass

Measurement uncertainty:

Expanded measurement uncertainty for this test item is U =3.2dB, k=2.

Test graphs as below:

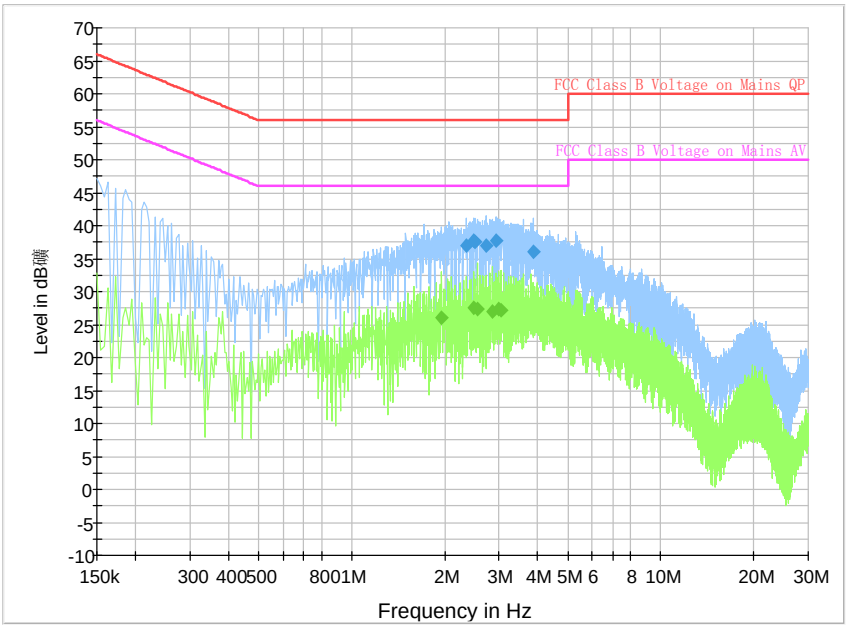

Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV
2.355000	37.0	GND	L1	9.7	19.0	56.0
2.485500	37.7	GND	L1	9.7	18.3	56.0
2.499000	37.6	GND	L1	9.7	18.4	56.0
2.733000	36.9	GND	L1	9.7	19.1	56.0
2.935500	37.8	GND	L1	9.7	18.2	56.0
3.862500	36.1	GND	L1	9.7	19.9	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV
1.959000	26.0	GND	L1	9.7	20.0	46.0
2.485500	27.5	GND	L1	9.7	18.5	46.0
2.544000	27.4	GND	L1	9.7	18.6	46.0
2.850000	26.9	GND	L1	9.7	19.1	46.0
2.980500	27.4	GND	L1	9.7	18.6	46.0
3.039000	27.1	GND	L1	9.7	18.9	46.0

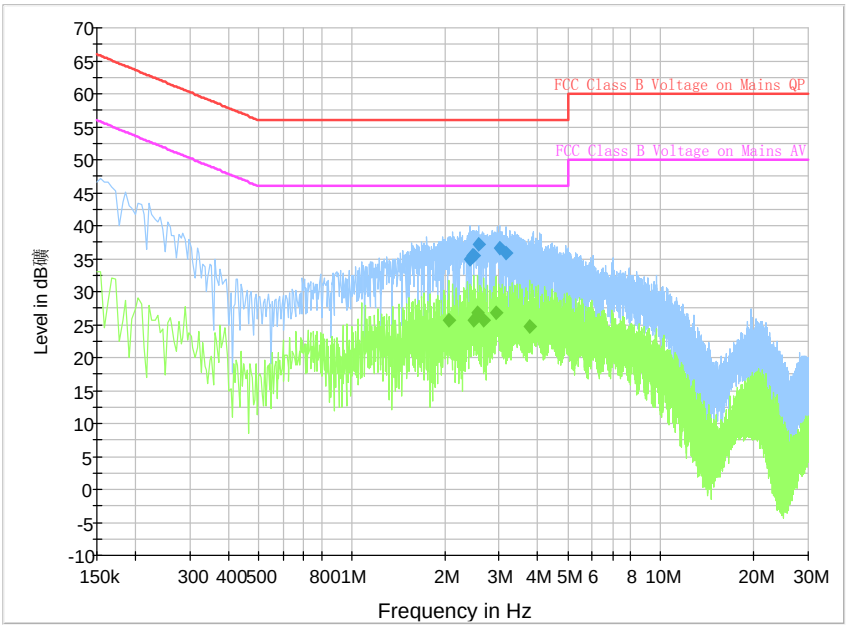

Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV
2.404500	34.9	GND	L1	9.7	21.1	56.0
2.463000	35.4	GND	L1	9.7	20.6	56.0
2.494500	35.5	GND	L1	9.7	20.5	56.0
2.580000	37.1	GND	L1	9.7	18.9	56.0
3.003000	36.6	GND	L1	9.7	19.4	56.0
3.165000	35.8	GND	L1	9.7	20.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV
2.058000	25.7	GND	L1	9.7	20.3	46.0
2.494500	25.7	GND	L1	9.7	20.3	46.0
2.553000	26.8	GND	L1	9.7	19.2	46.0
2.683500	25.6	GND	L1	9.7	20.4	46.0
2.931000	26.8	GND	L1	9.7	19.2	46.0
3.772500	24.7	GND	L1	9.7	21.3	46.0

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