

Fig.A.6.1.87 Conducted Spurious Emission (802.11n-HT40, Ch6, 15 GHz-20 GHz)

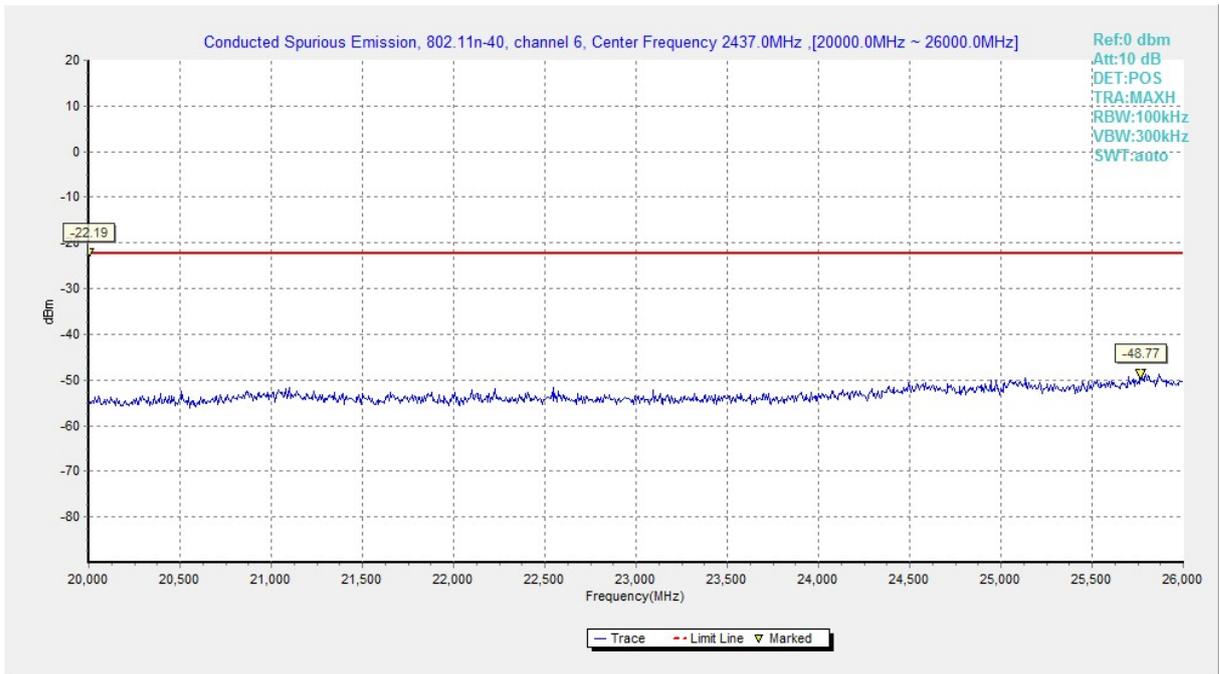


Fig.A.6.1.88 Conducted Spurious Emission (802.11n-HT40, Ch6, 20 GHz-26 GHz)

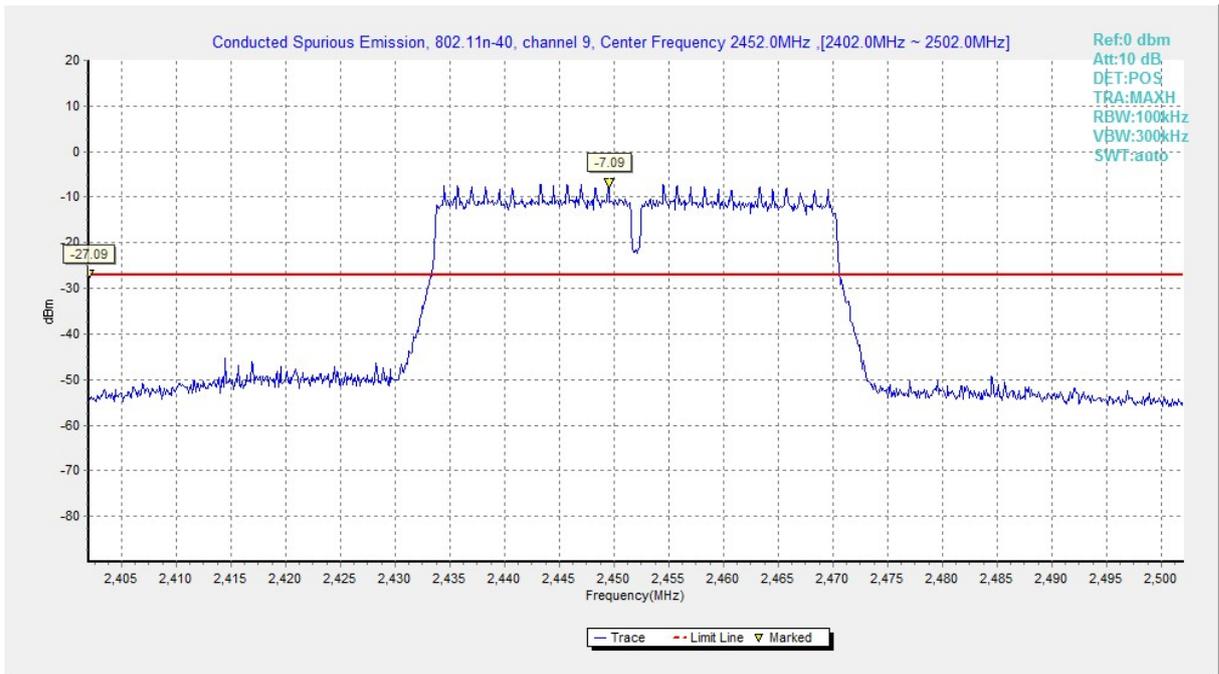


Fig.A.6.1.89 Conducted Spurious Emission (802.11n-HT40, Ch9, Center Frequency)

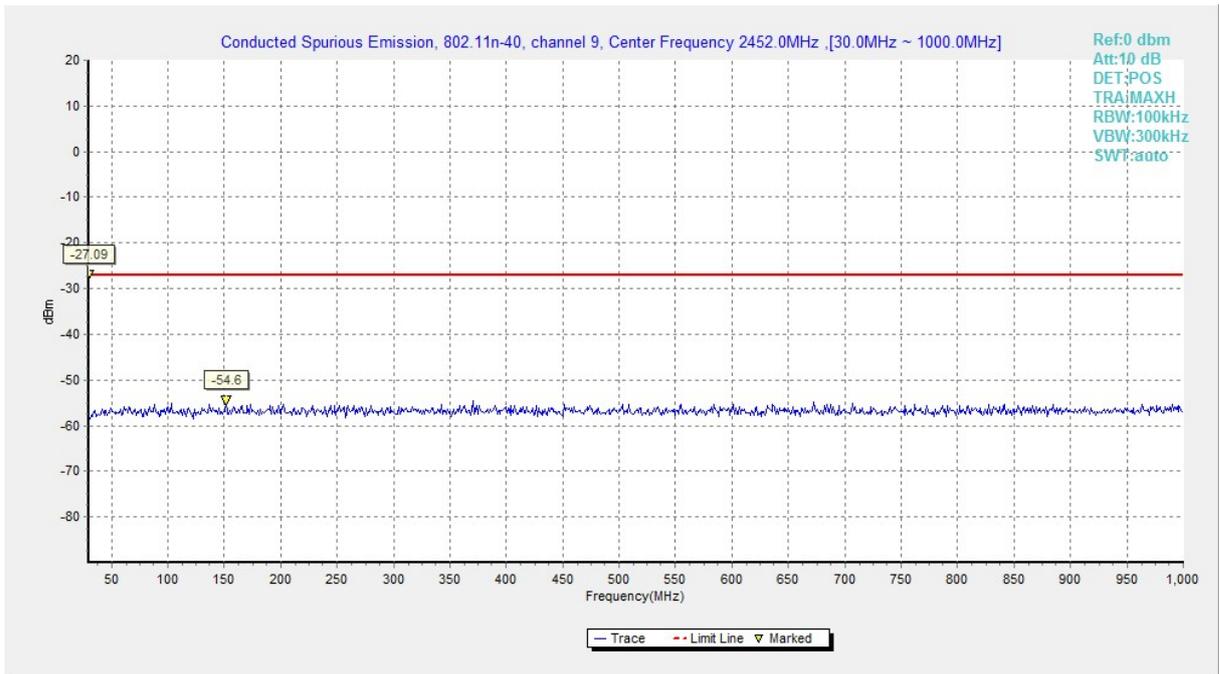
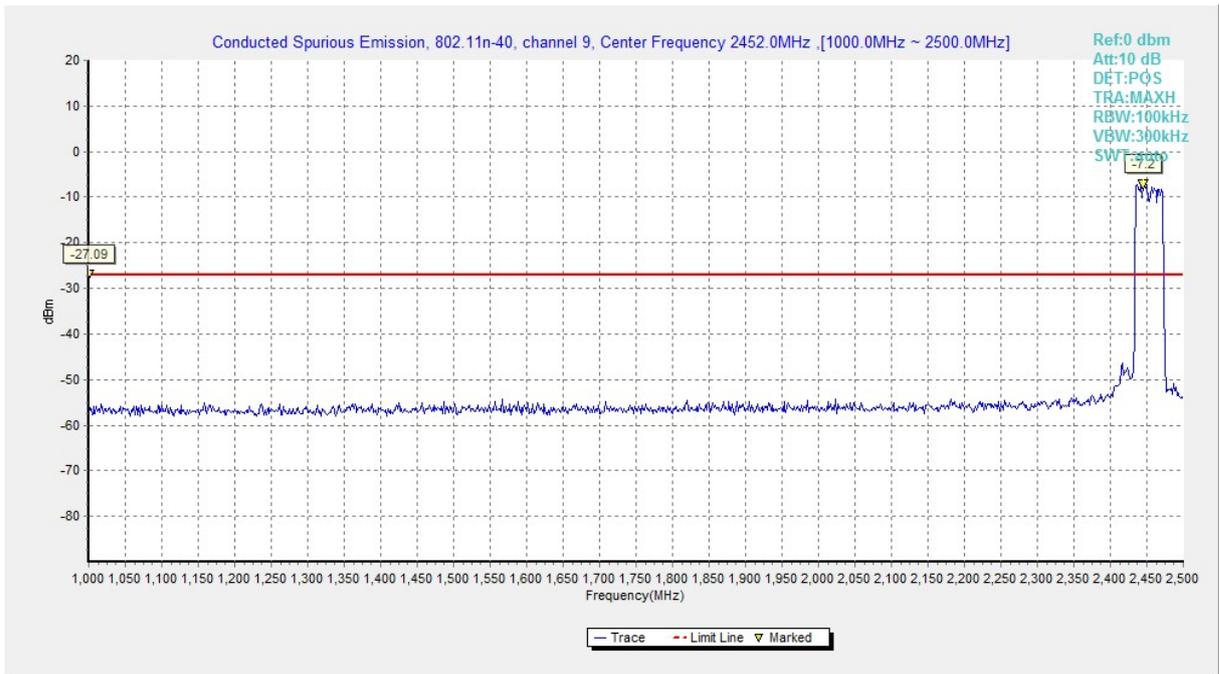
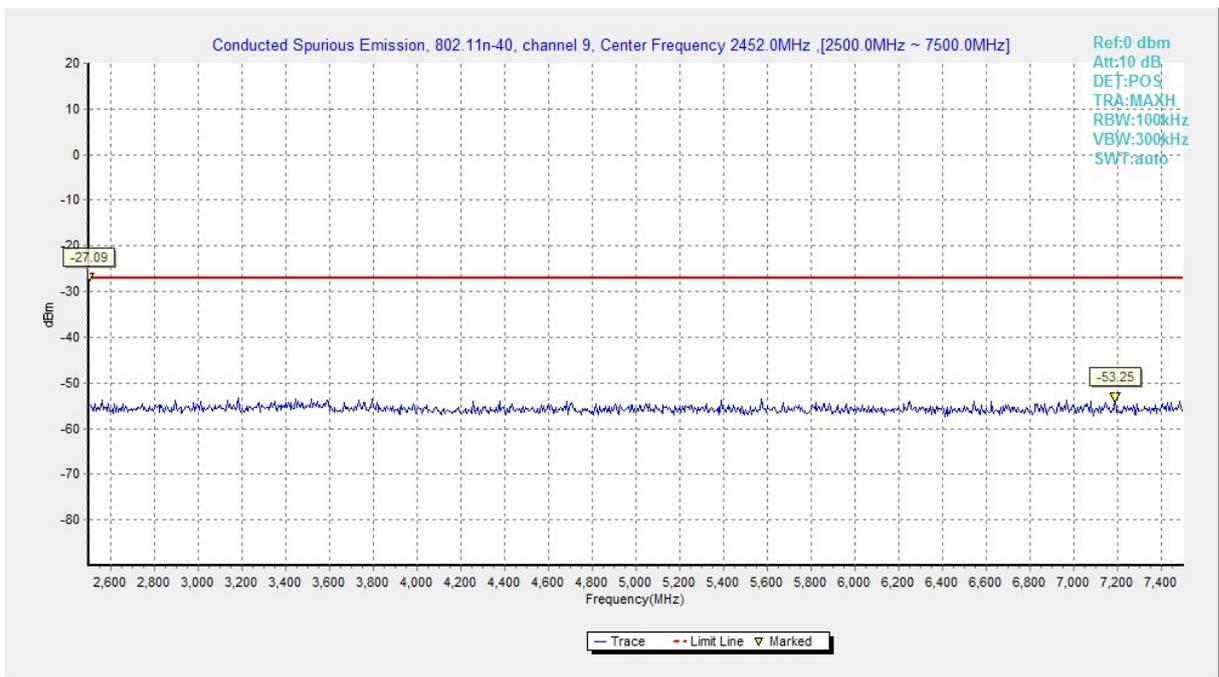


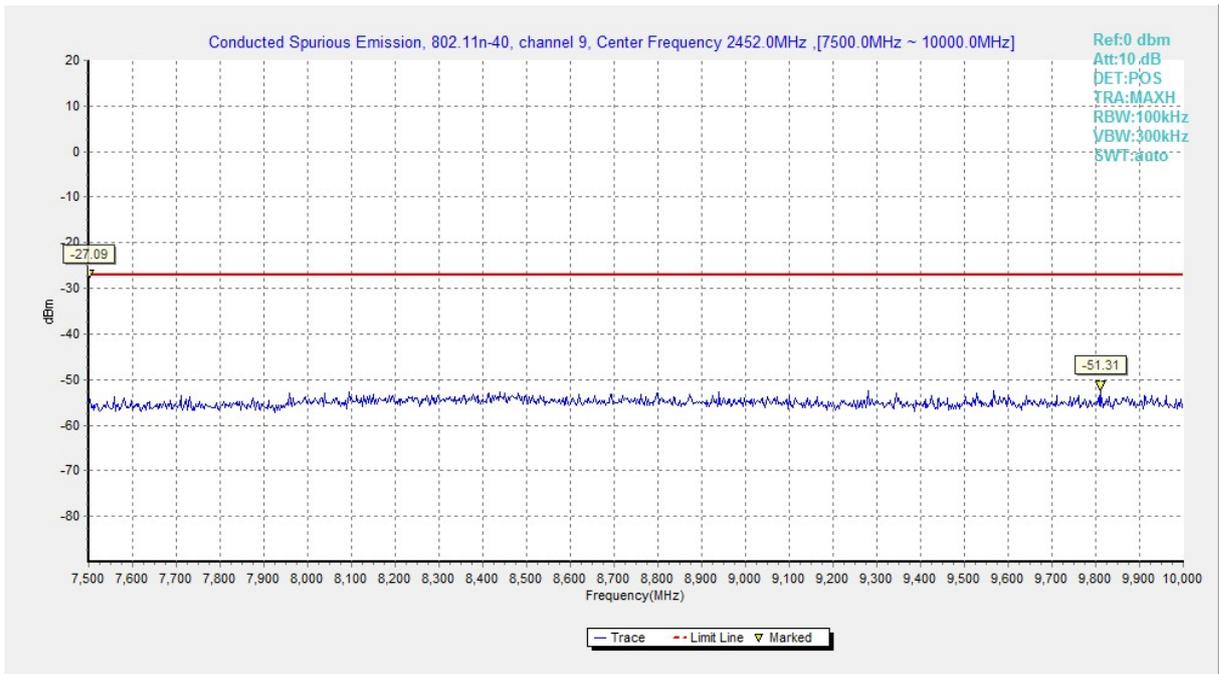
Fig.A.6.1.90 Conducted Spurious Emission (802.11n-HT40, Ch9, 30 MHz-1 GHz)



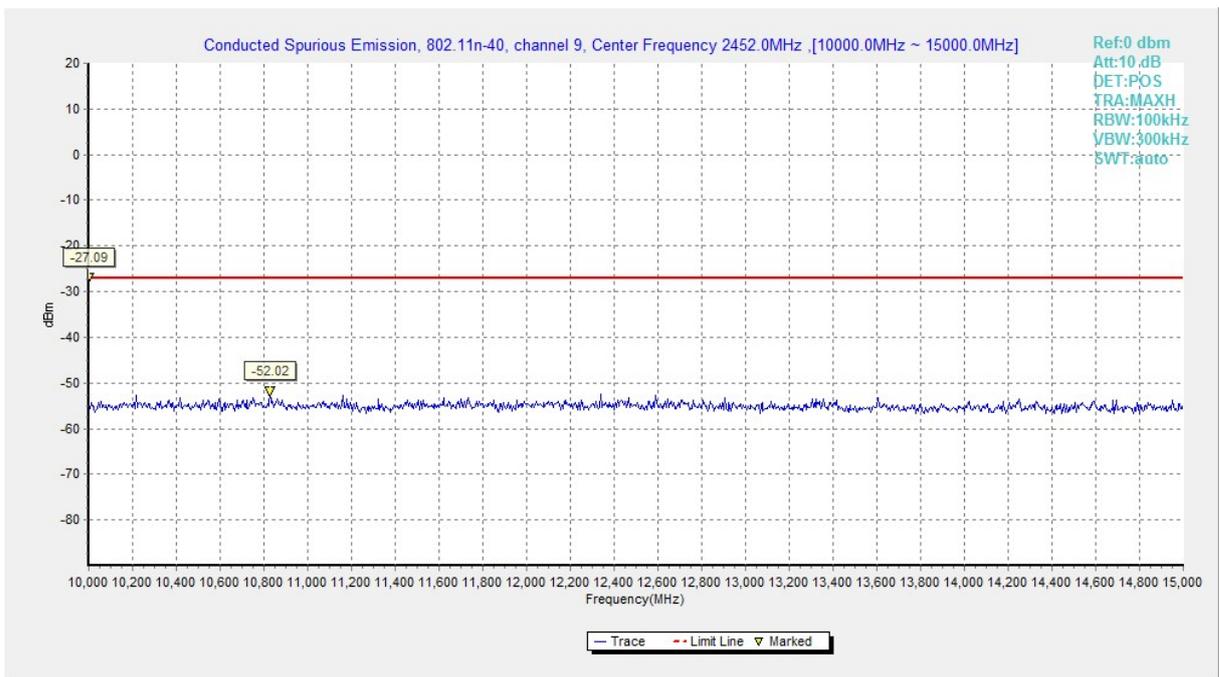
**Fig.A.6.1.91 Conducted Spurious Emission (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)**



**Fig.A.6.1.92 Conducted Spurious Emission (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)**



**Fig.A.6.1.93 Conducted Spurious Emission (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)**



**Fig.A.6.1.94 Conducted Spurious Emission (802.11n-HT40, Ch9, 10 GHz-15 GHz)**

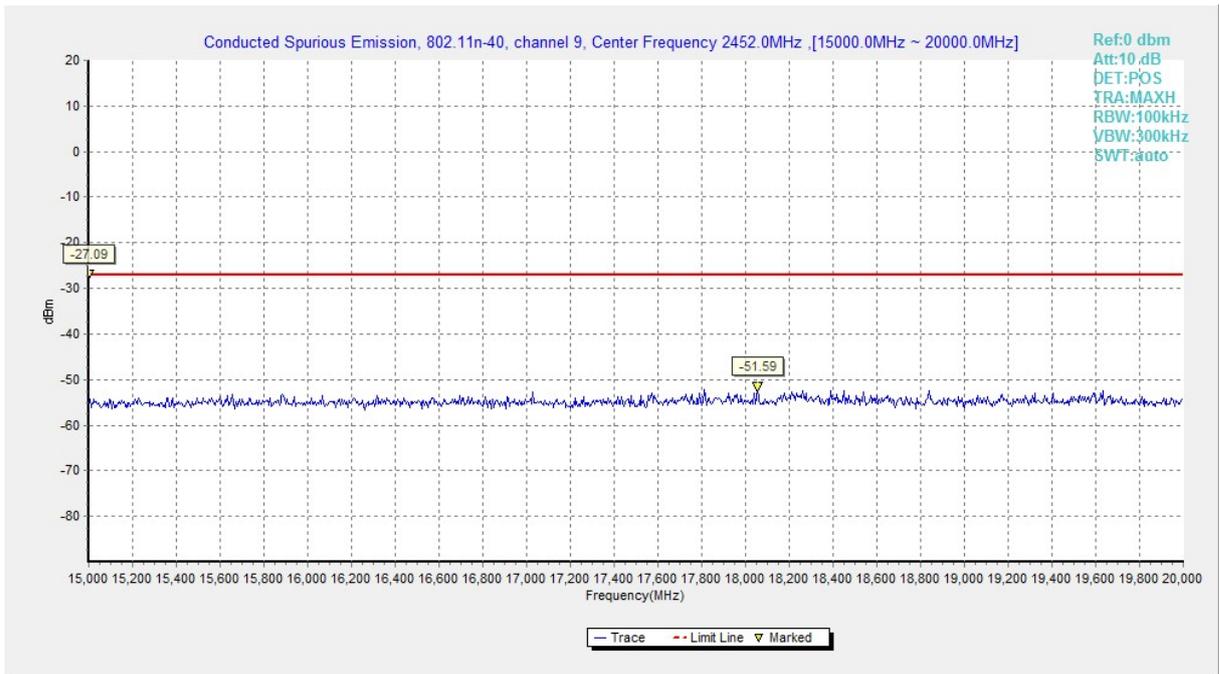


Fig.A.6.1.95 Conducted Spurious Emission (802.11n-HT40, Ch9, 15 GHz-20 GHz)

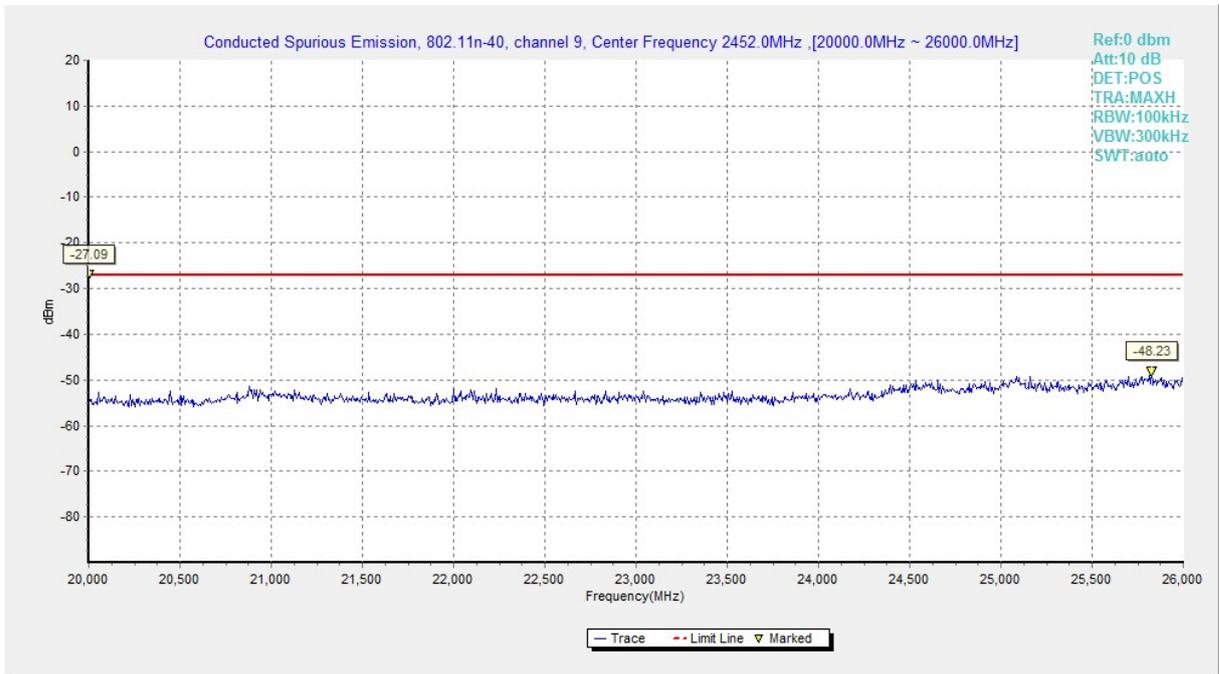


Fig.A.6.1.96 Conducted Spurious Emission (802.11n-HT40, Ch9, 20 GHz-26 GHz)

**A.6.2 Transmitter Spurious Emission - Radiated**

**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)). The measurement is made according to KDB558074.

**Limit in restricted band:**

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

**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	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

**EUT ID:EUT1**

**Modulation type and data rate tested:**

802.11b	802.11g	802.11n-HT20	802.11n-HT40
11Mbps(CCK)	24Mbps(OFDM)	MCS6(OFDM)	MCS0(OFDM)

**Measurement Results:**

**802.11b/g mode**

Mode	Channel	Frequency Range	Test Results	Conclusion	
802.11b	Power	2.38GHz ~2.45GHz	Fig.A.6.2.1	<b>P</b>	
	1	30 MHz ~1 GHz	Fig.A.6.2.2	<b>P</b>	
		1 GHz ~ 3 GHz	Fig.A.6.2.3	<b>P</b>	
		3 GHz ~ 18 GHz	Fig.A.6.2.4	<b>P</b>	
	6	30 MHz ~1 GHz	Fig.A.6.2.5	<b>P</b>	
		1 GHz ~ 3 GHz	Fig.A.6.2.6	<b>P</b>	
		3 GHz ~ 18 GHz	Fig.A.6.2.7	<b>P</b>	
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.8	<b>P</b>	
	11	30 MHz ~1 GHz	Fig.A.6.2.9	<b>P</b>	
		1 GHz ~ 3 GHz	Fig.A.6.2.10	<b>P</b>	
		3 GHz ~ 18 GHz	Fig.A.6.2.11	<b>P</b>	
	802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.12	<b>P</b>
		1	30 MHz ~1 GHz	Fig.A.6.2.13	<b>P</b>
1 GHz ~ 3 GHz			Fig.A.6.2.14	<b>P</b>	
3 GHz ~ 18 GHz			Fig.A.6.2.15	<b>P</b>	
6		30 MHz ~1 GHz	Fig.A.6.2.16	<b>P</b>	
		1 GHz ~ 3 GHz	Fig.A.6.2.17	<b>P</b>	
		3 GHz ~ 18 GHz	Fig.A.6.2.18	<b>P</b>	
Power		2.45GHz ~2.5GHz	Fig.A.6.2.19	<b>P</b>	
11		30 MHz ~1 GHz	Fig.A.6.2.20	<b>P</b>	
		1 GHz ~ 3 GHz	Fig.A.6.2.21	<b>P</b>	
		3 GHz ~ 18 GHz	Fig.A.6.2.22	<b>P</b>	

**802.11n mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.23	<b>P</b>
	1	30 MHz ~1 GHz	Fig.A.6.2.24	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.25	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.26	<b>P</b>
	6	30 MHz ~1 GHz	Fig.A.6.2.27	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.28	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.29	<b>P</b>
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.30	<b>P</b>
	11	30 MHz ~1 GHz	Fig.A.6.2.31	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.32	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.33	<b>P</b>
	802.11n (HT40)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.34
3		30 MHz ~1 GHz	Fig.A.6.2.35	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.36	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.37	<b>P</b>
6		30 MHz ~1 GHz	Fig.A.6.2.38	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.39	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.40	<b>P</b>
Power		2.45GHz ~2.5GHz	Fig.A.6.2.41	<b>P</b>
9		30 MHz ~1 GHz	Fig.A.6.2.42	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.43	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.44	<b>P</b>
/		All channels	18 GHz~ 26.5 GHz	Fig.A.6.2.45

**Conclusion: Pass**

**Measurement Uncertainty:**

Frequency Range	Uncertainty(dB)
f ≤ 1GHz	3.9
f > 1GHz	4.3

**Note:**

A "reference path loss" is established and the  $A_{Rpl}$  is the attenuation of "reference path loss", and including the gain of receive antenna, 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:

$$\text{Result} = P_{Mea} + A_{Rpl} = P_{Mea} + \text{Cable Loss} + \text{Antenna Factor}$$

**802.11b**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2390.000	36.5	-38.8	27.7	47.600	VERTICAL
17818.500	45.3	-18.5	45.6	18.200	HORIZONTAL
17914.500	45.2	-17.7	45.6	17.300	VERTICAL
17662.500	45.2	-18.9	45.6	18.500	VERTICAL
17773.500	45.0	-18.5	45.6	17.900	HORIZONTAL
17961.000	44.9	-17.7	45.6	17.000	VERTICAL

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17770.500	46.0	-18.5	45.6	18.900	HORIZONTAL
17431.500	45.5	-19.2	41.5	23.200	VERTICAL
17535.000	45.3	-19.2	45.6	18.900	VERTICAL
17791.500	45.1	-18.5	45.6	18.000	HORIZONTAL
17676.000	45.1	-18.9	45.6	18.400	HORIZONTAL
17805.000	45.1	-18.5	45.6	18.000	VERTICAL

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.500	37.0	-38.9	27.7	48.200	HORIZONTAL
17761.500	46.2	-18.5	45.6	19.100	VERTICAL
17857.500	45.2	-18.5	45.6	18.100	VERTICAL
17977.500	45.0	-17.7	45.6	17.100	HORIZONTAL
17973.000	45.0	-17.7	45.6	17.100	VERTICAL
17818.500	44.5	-18.5	45.6	17.400	VERTICAL

**802.11g**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2390.000	36.6	-38.8	27.7	47.700	HORIZONTAL
17958.000	45.8	-17.7	45.6	17.900	VERTICAL
17947.500	45.5	-17.7	45.6	17.600	HORIZONTAL
17667.000	45.2	-18.9	45.6	18.500	VERTICAL
17809.500	45.1	-18.5	45.6	18.000	HORIZONTAL
17554.500	45.1	-19.2	45.6	18.700	HORIZONTAL

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17827.500	45.2	-18.5	45.6	18.100	VERTICAL
17973.000	45.1	-17.7	45.6	17.200	HORIZONTAL
17848.500	45.0	-18.5	45.6	17.900	VERTICAL
17974.500	44.9	-17.7	45.6	17.000	HORIZONTAL
17475.000	44.9	-19.2	41.5	22.600	HORIZONTAL
17946.000	44.7	-17.7	45.6	16.800	VERTICAL

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.500	37.7	-38.9	27.7	48.900	HORIZONTAL
17637.000	46.1	-18.9	45.6	19.400	HORIZONTAL
17814.000	45.8	-18.5	45.6	18.700	VERTICAL
17704.500	45.4	-18.9	45.6	18.700	VERTICAL
17934.000	45.3	-17.7	45.6	17.400	HORIZONTAL
17811.000	45.2	-18.5	45.6	18.100	VERTICAL

**802.11n-HT20**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2390.000	37.0	-38.8	27.7	48.100	VERTICAL
17929.500	46.7	-17.7	45.6	18.800	HORIZONTAL
17668.500	46.4	-18.9	45.6	19.700	HORIZONTAL
17898.000	45.6	-18.5	45.6	18.500	HORIZONTAL
17796.000	45.5	-18.5	45.6	18.400	VERTICAL
17967.000	45.4	-17.7	45.6	17.500	HORIZONTAL

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17967.000	45.4	-17.7	45.6	17.500	VERTICAL
17809.500	45.3	-18.5	45.6	18.200	VERTICAL
17913.000	45.1	-18.5	45.6	18.000	VERTICAL
17745.000	45.0	-18.5	45.6	17.900	HORIZONTAL
17662.500	44.9	-18.9	45.6	18.200	VERTICAL
17752.500	44.9	-18.5	45.6	17.800	VERTICAL

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.500	37.3	-38.9	27.7	48.500	VERTICAL
17994.000	46.5	-17.7	45.6	18.600	VERTICAL
17769.000	46.4	-18.5	45.6	19.300	HORIZONTAL
17860.500	46.2	-18.5	45.6	19.100	HORIZONTAL
17731.500	45.5	-18.9	45.6	18.800	VERTICAL
17811.000	45.3	-18.5	45.6	18.200	HORIZONTAL

**802.11n-HT40**

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2390.000	37.6	-38.8	27.7	48.700	HORIZONTAL
17980.500	46.8	-17.7	45.6	18.900	VERTICAL
17766.000	46.5	-18.5	45.6	19.400	HORIZONTAL
17704.500	45.4	-18.9	45.6	18.700	VERTICAL
17827.500	45.3	-18.5	45.6	18.200	VERTICAL
17934.000	45.3	-17.7	45.6	17.400	HORIZONTAL

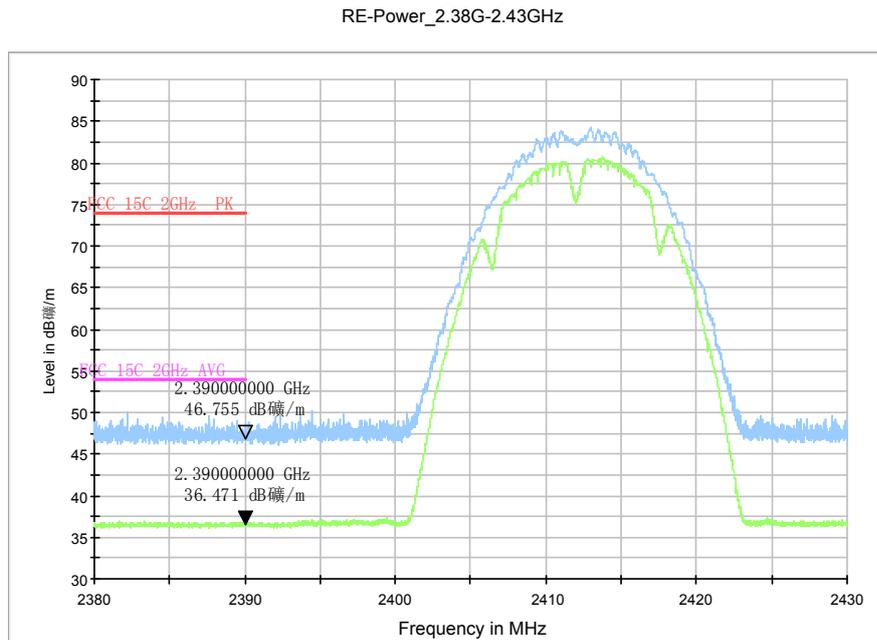
Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17812.500	45.8	-18.5	45.6	18.700	VERTICAL
17646.000	45.6	-18.9	45.6	18.900	HORIZONTAL
17938.500	45.4	-17.7	45.6	17.500	HORIZONTAL
17802.000	45.1	-18.5	45.6	18.000	VERTICAL
17913.000	45.0	-18.5	45.6	17.900	HORIZONTAL
17983.500	44.8	-17.7	45.6	16.900	HORIZONTAL

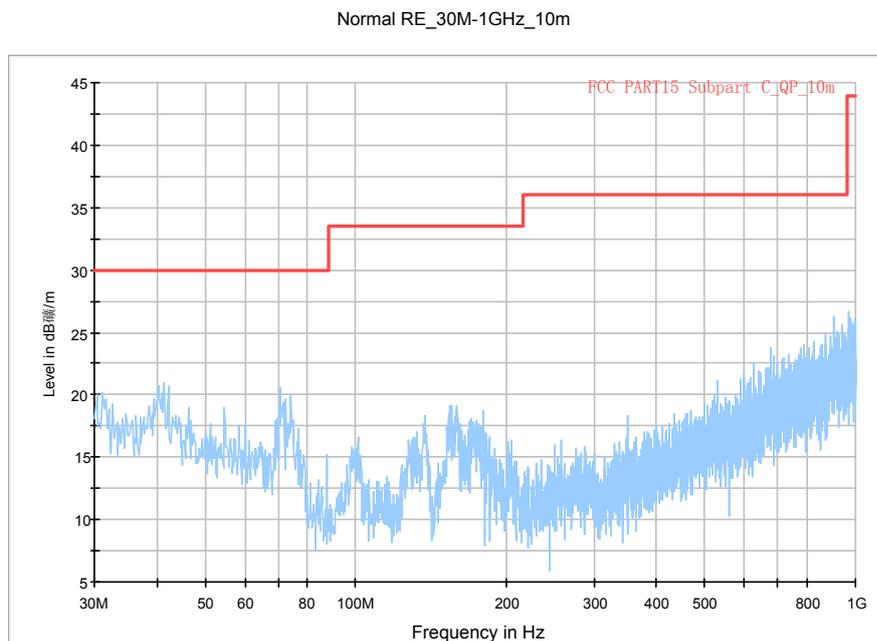
Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.500	38.3	-38.9	27.7	49.500	VERTICAL
17739.000	45.9	-18.5	45.6	18.800	HORIZONTAL
17778.000	45.5	-18.5	45.6	18.400	VERTICAL
17976.000	45.5	-17.7	45.6	17.600	HORIZONTAL
17988.000	45.1	-17.7	45.6	17.200	HORIZONTAL
17938.500	45.0	-17.7	45.6	17.100	VERTICAL

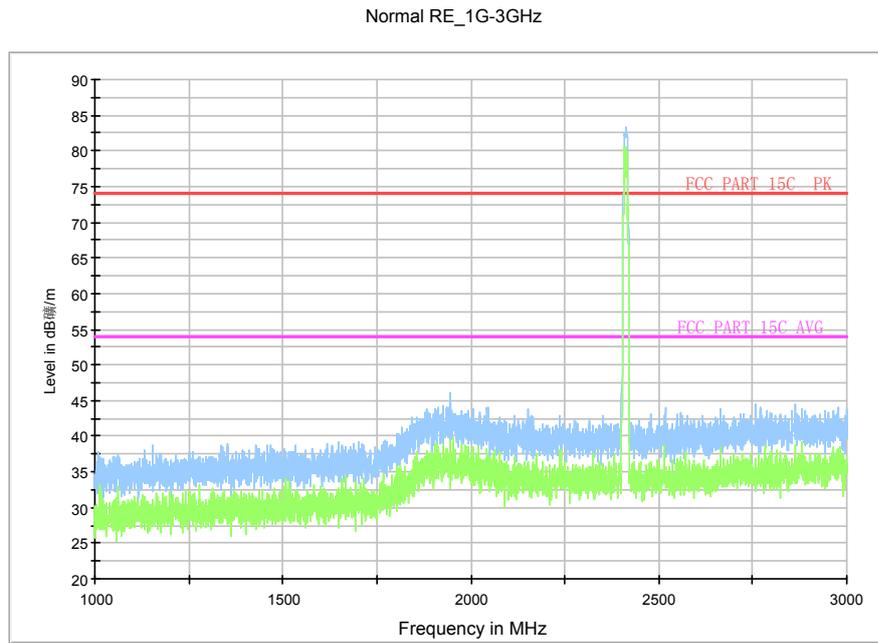
**Test graphs as below:**



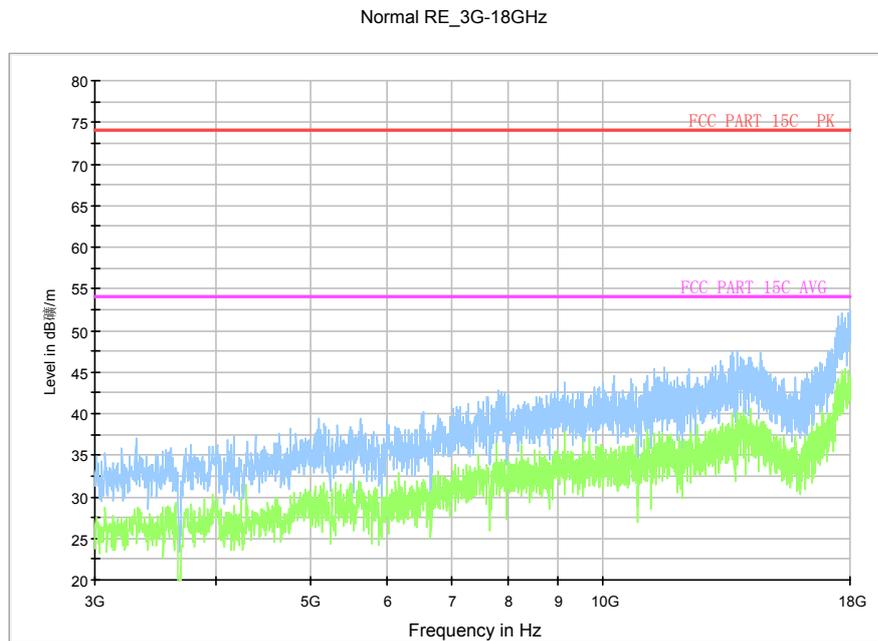
**Fig.A.6.2.1 Radiated Spurious Emission (Power): 802.11b, ch1, 2.38 GHz – 2.43GHz**



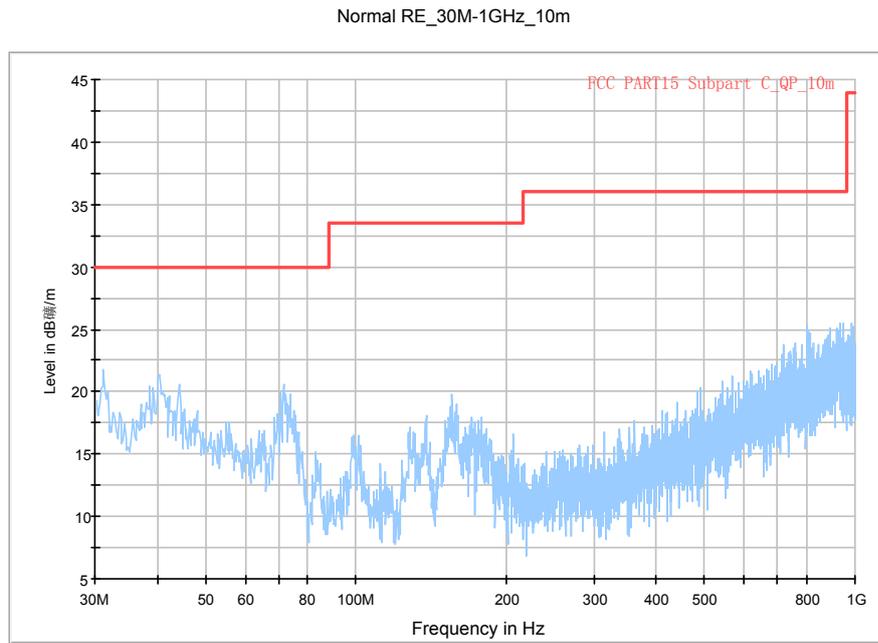
**Fig.A.6.2.2 Radiated Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)**



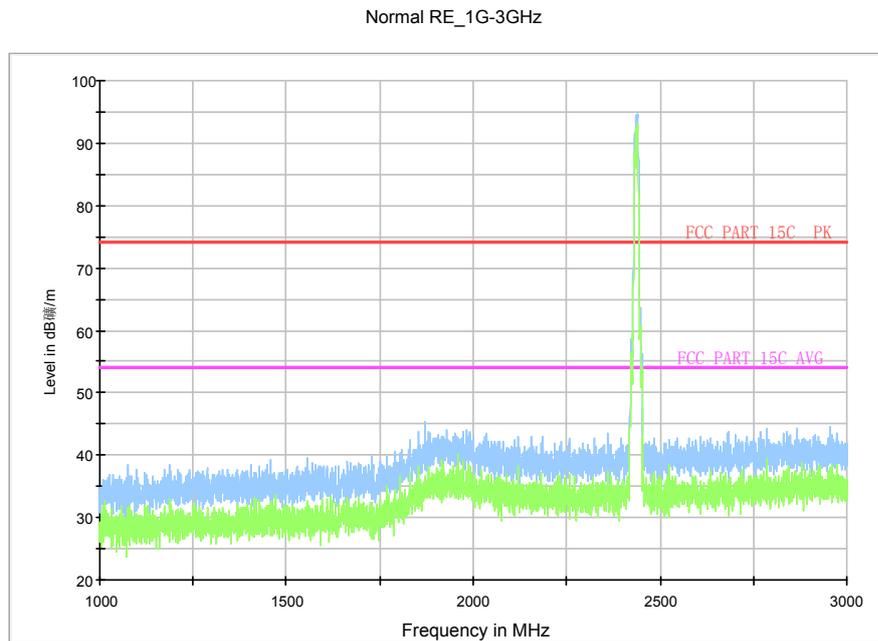
**Fig.A.6.2.3 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-3 GHz)**



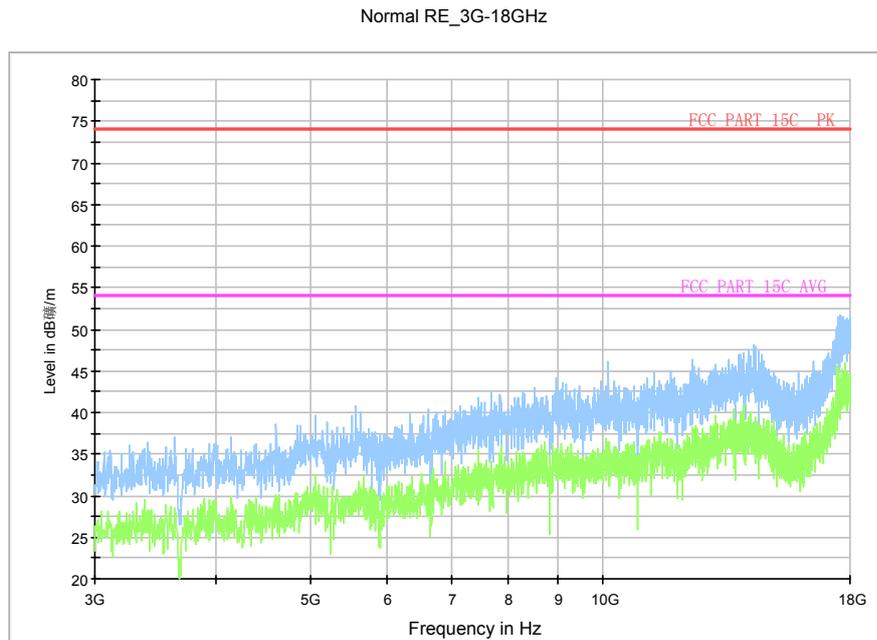
**Fig.A.6.2.4 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)**



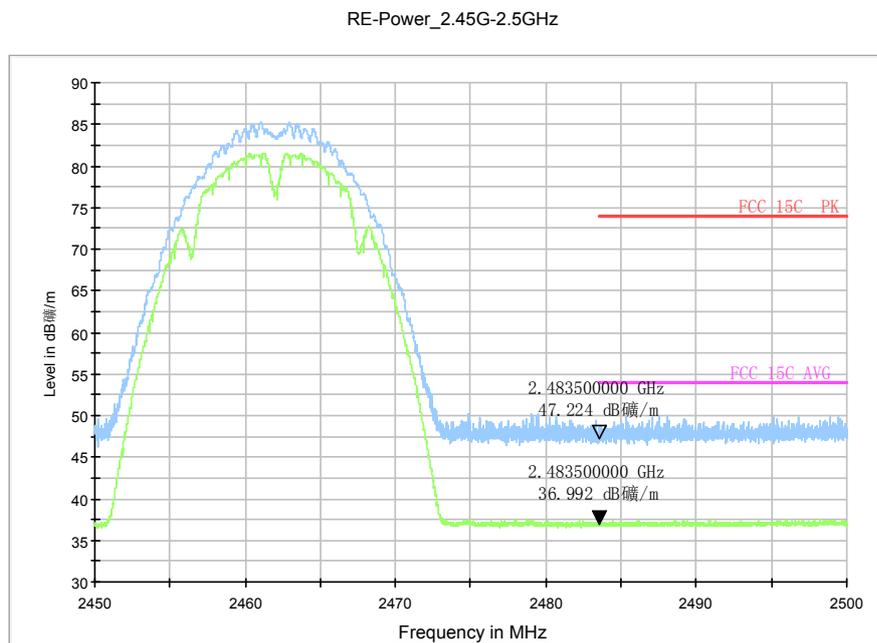
**Fig.A.6.2.5 Radiated Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)**



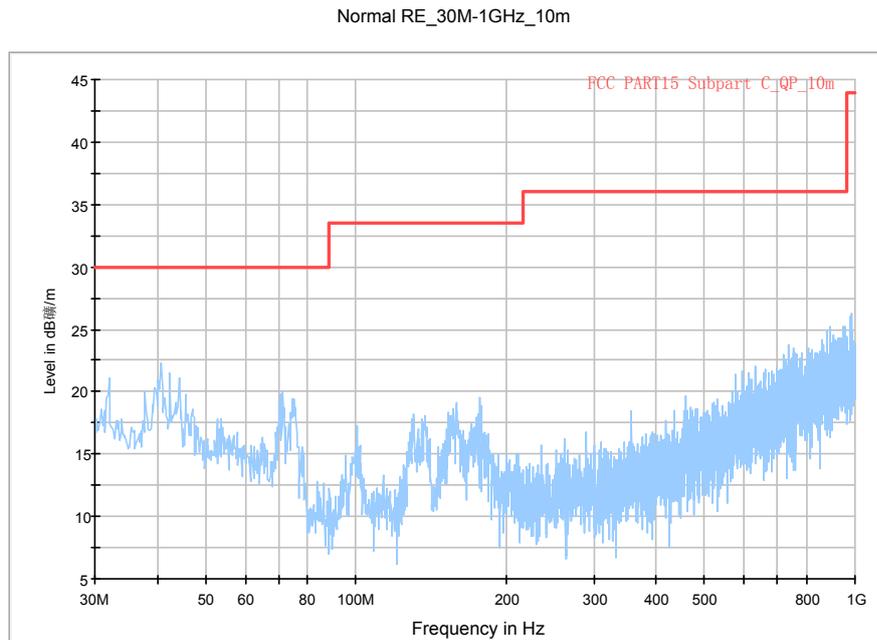
**Fig.A.6.2.6 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-3 GHz)**



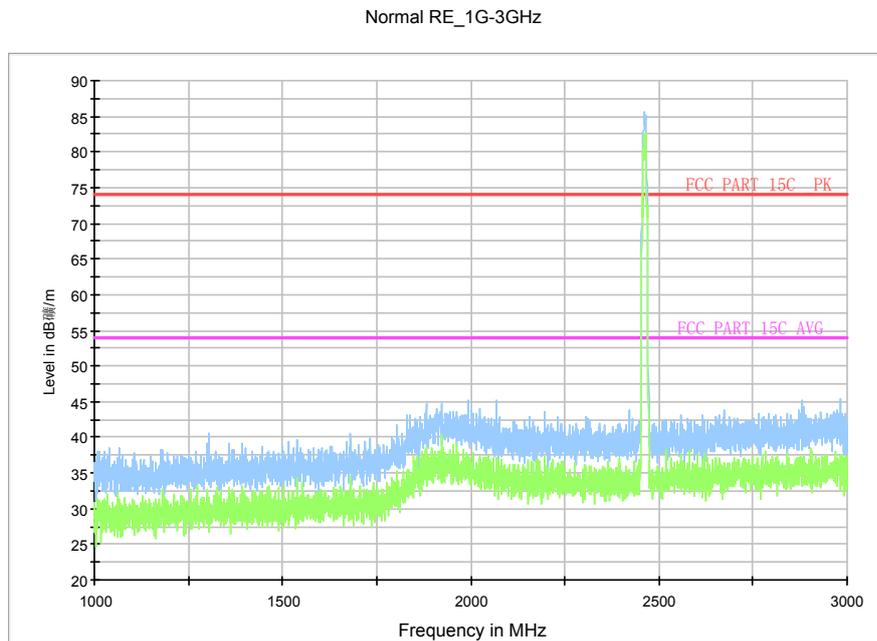
**Fig.A.6.2.7 Radiated Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)**



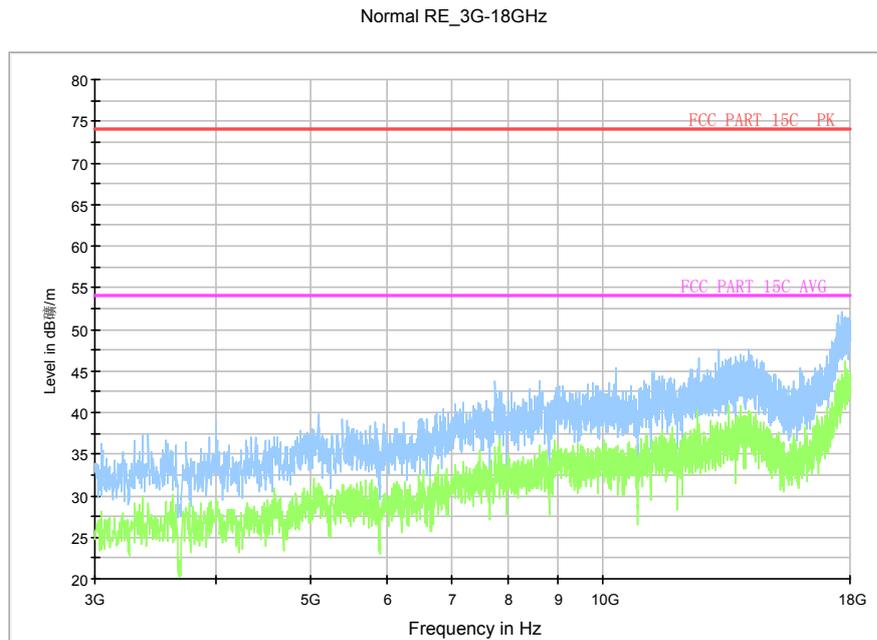
**Fig.A.6.2.8 Radiated Spurious Emission (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz**



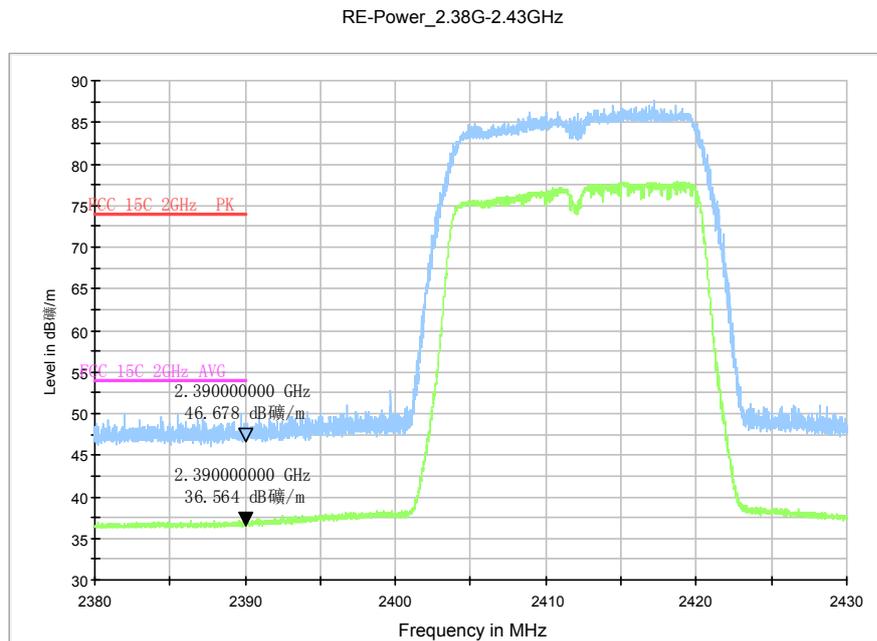
**Fig.A.6.2.9 Radiated Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)**



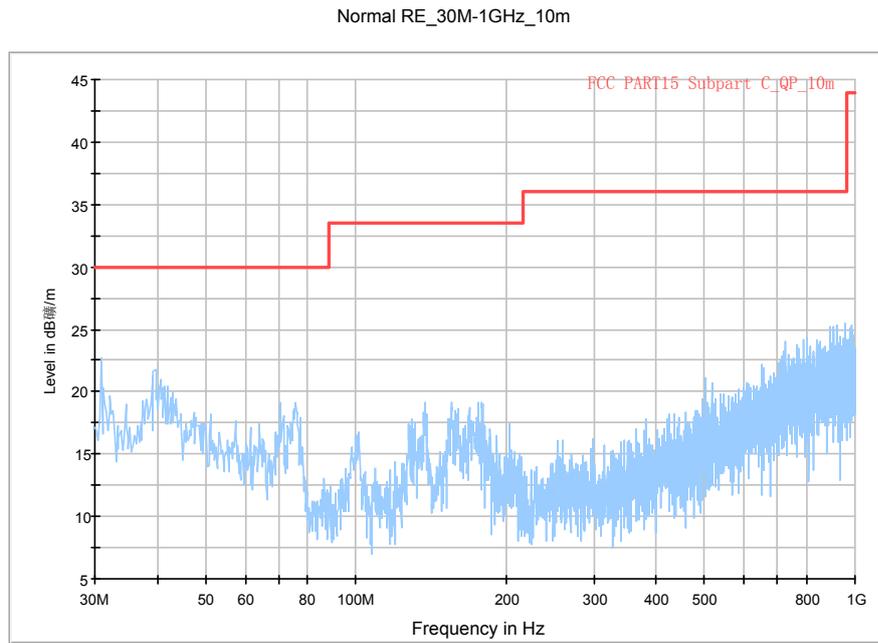
**Fig.A.6.2.10 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3 GHz)**



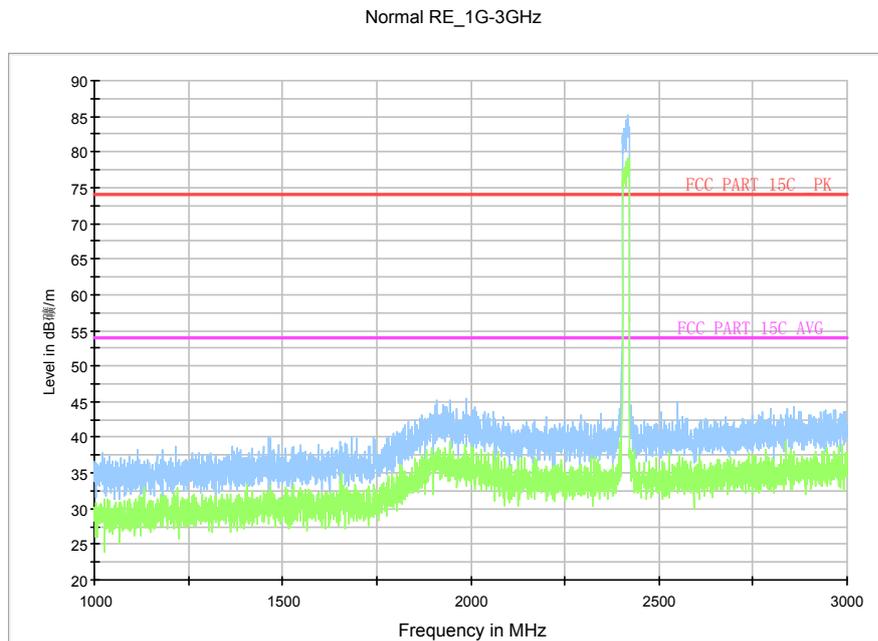
**Fig.A.6.2.11 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)**



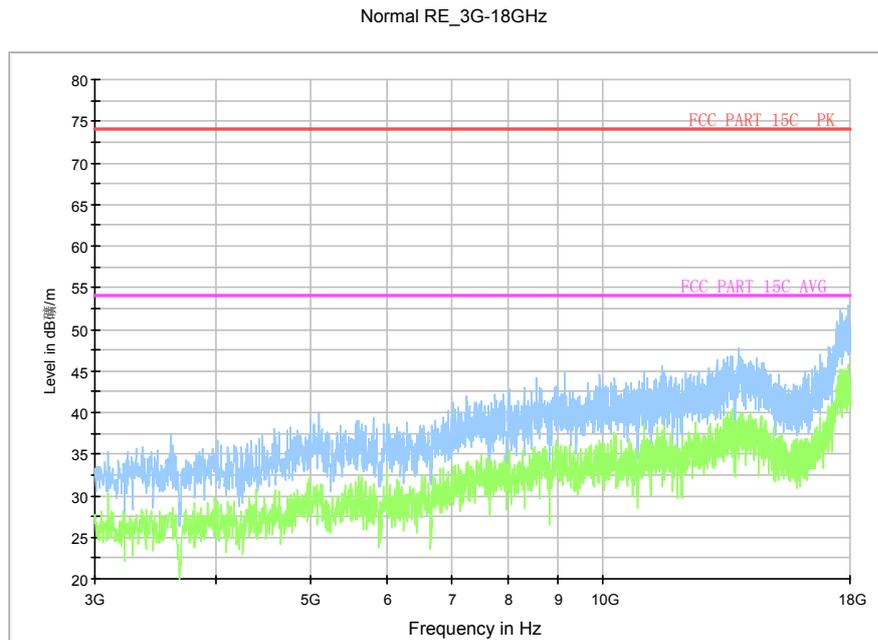
**Fig.A.6.2.12 Radiated Spurious Emission (Power): 802.11g, ch1, 2.38 GHz - 2.43GHz**



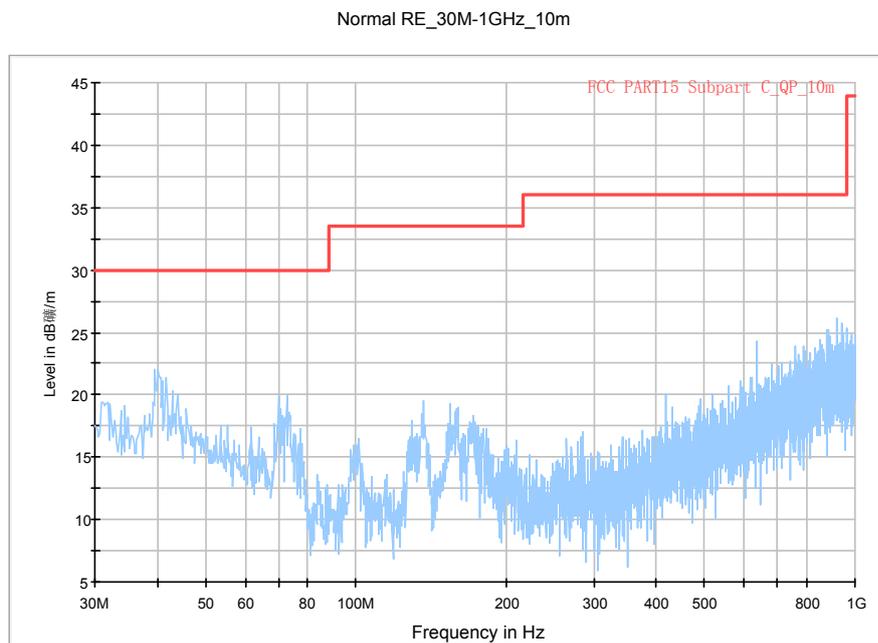
**Fig.A.6.2.13 Radiated Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)**



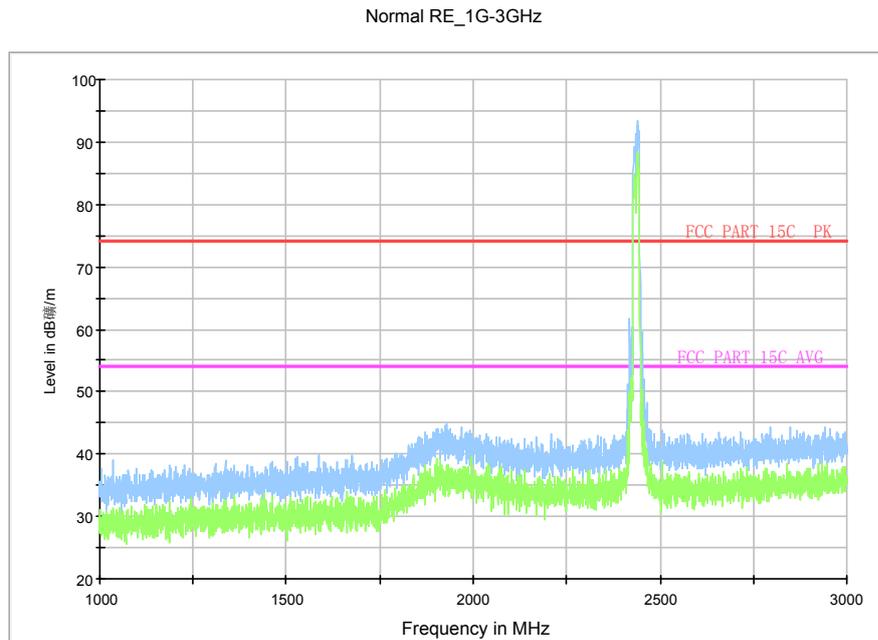
**Fig.A.6.2.14 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)**



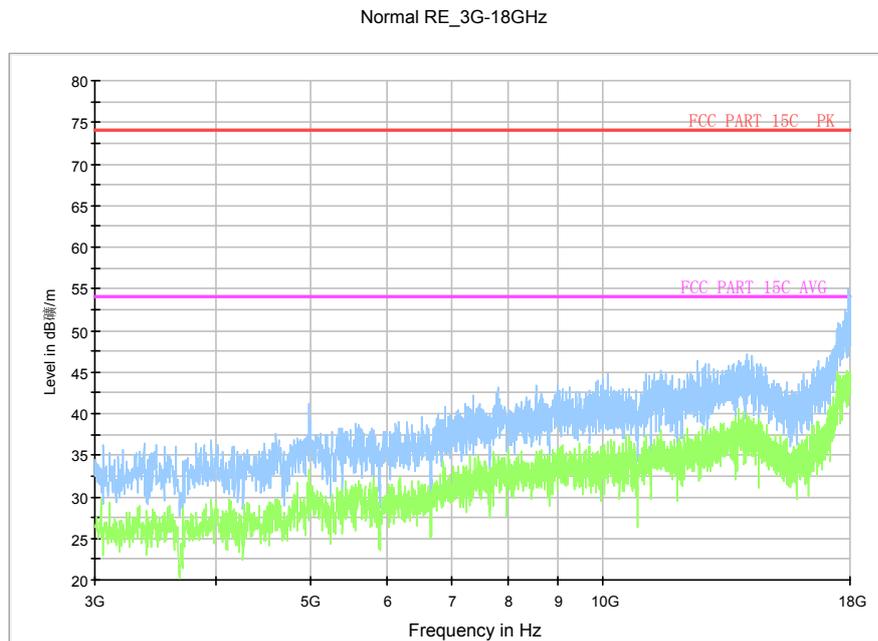
**Fig.A.6.2.15 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)**



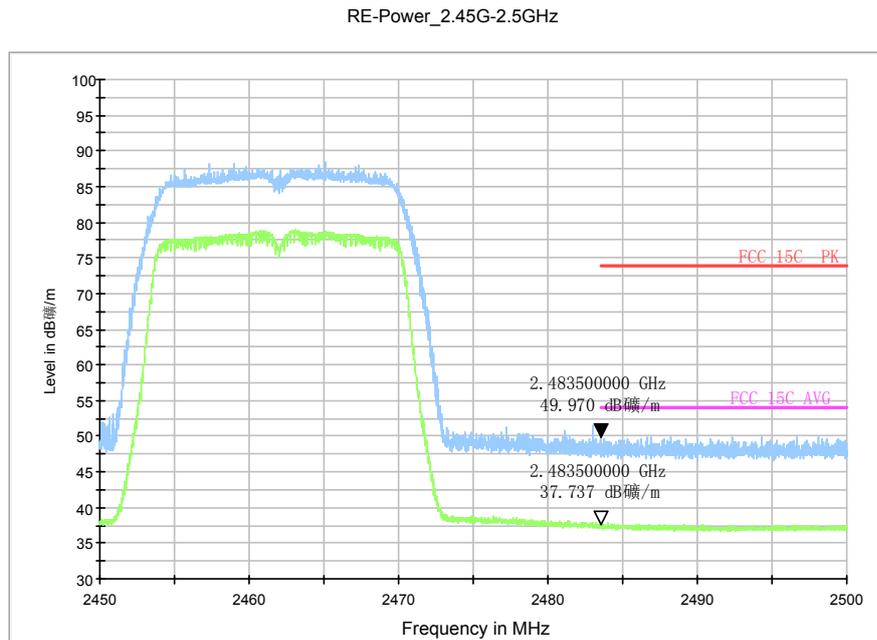
**Fig.A.6.2.16 Radiated Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)**



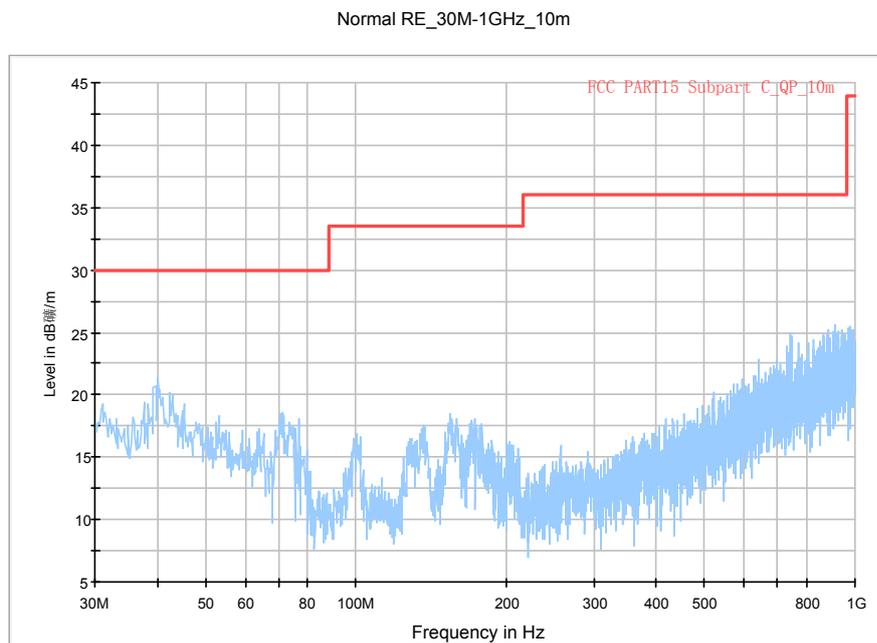
**Fig.A.6.2.17 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)**



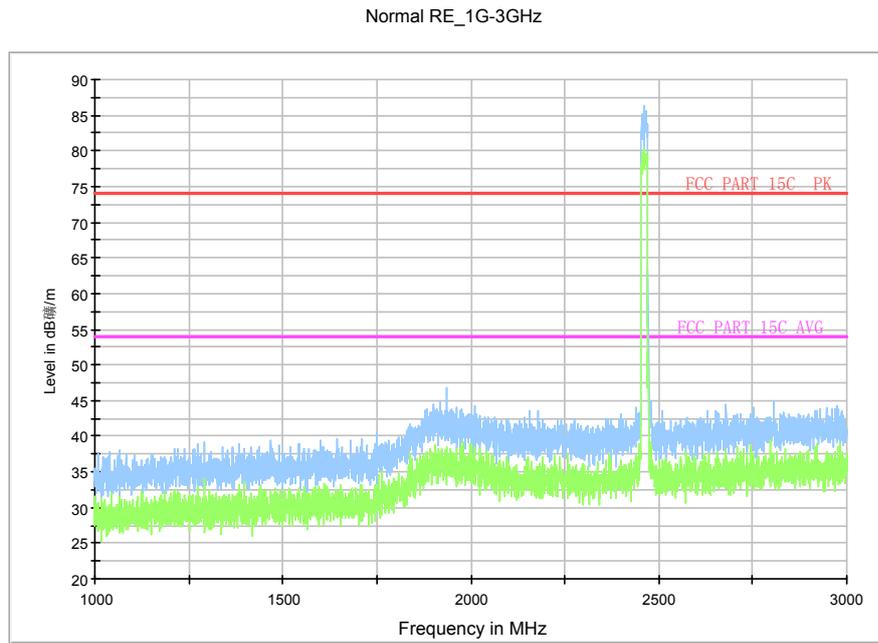
**Fig.A.6.2.18 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)**



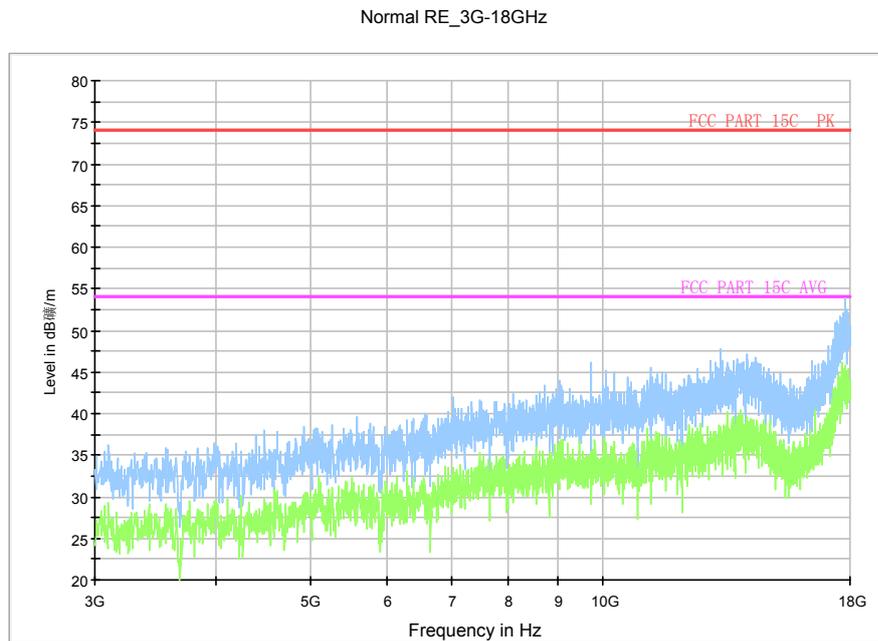
**Fig.A.6.2.19 Radiated Spurious Emission (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz**



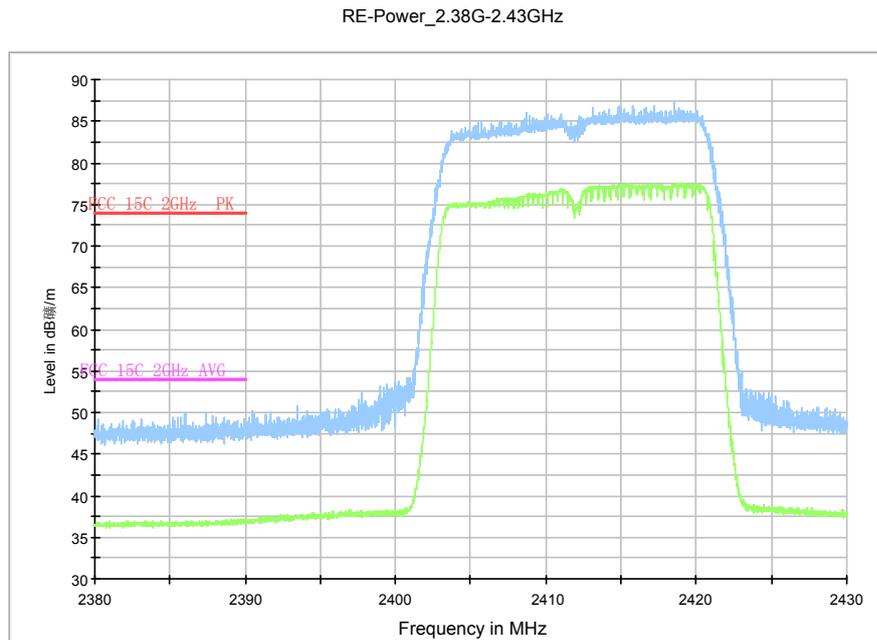
**Fig.A.6.2.20 Radiated Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)**



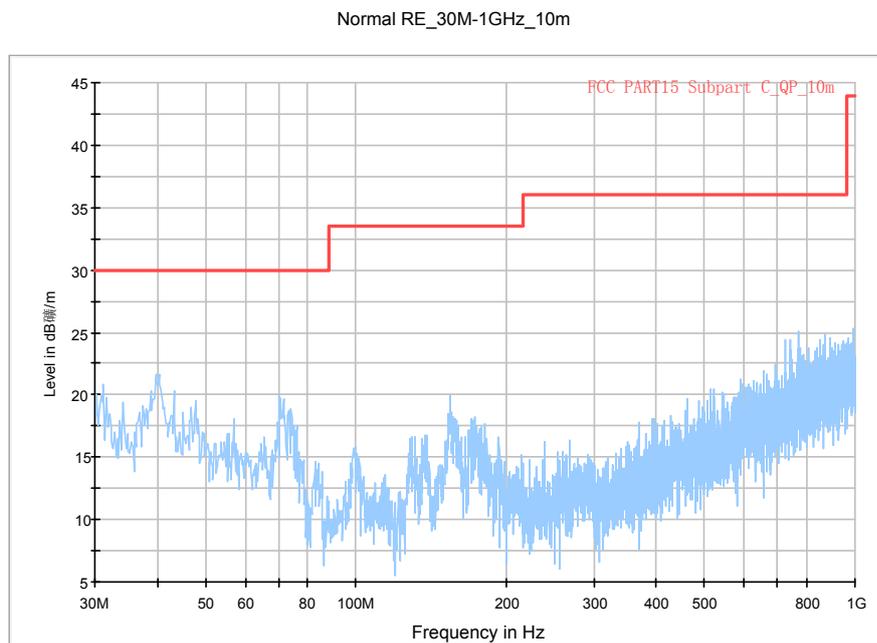
**Fig.A.6.2.21 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)**



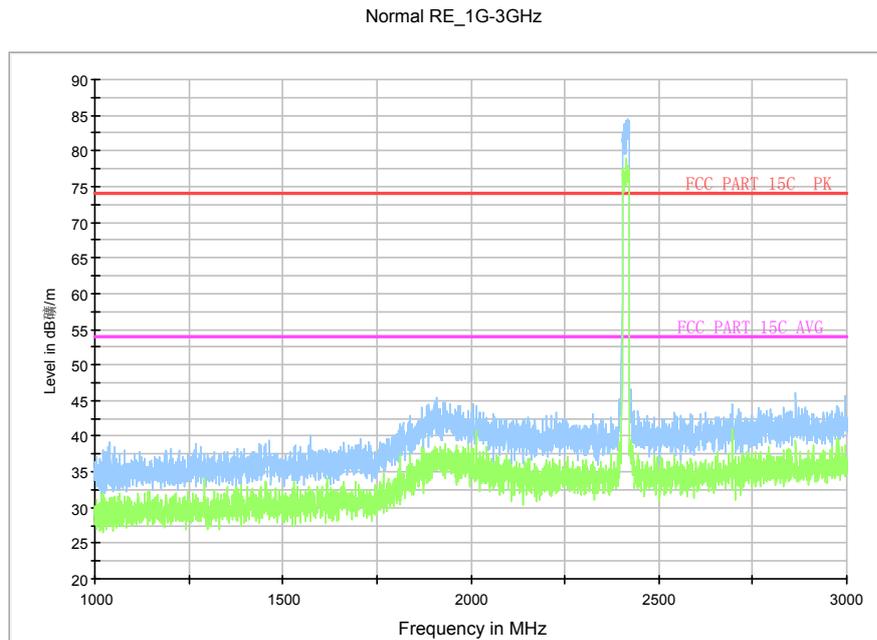
**Fig.A.6.2.22 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)**



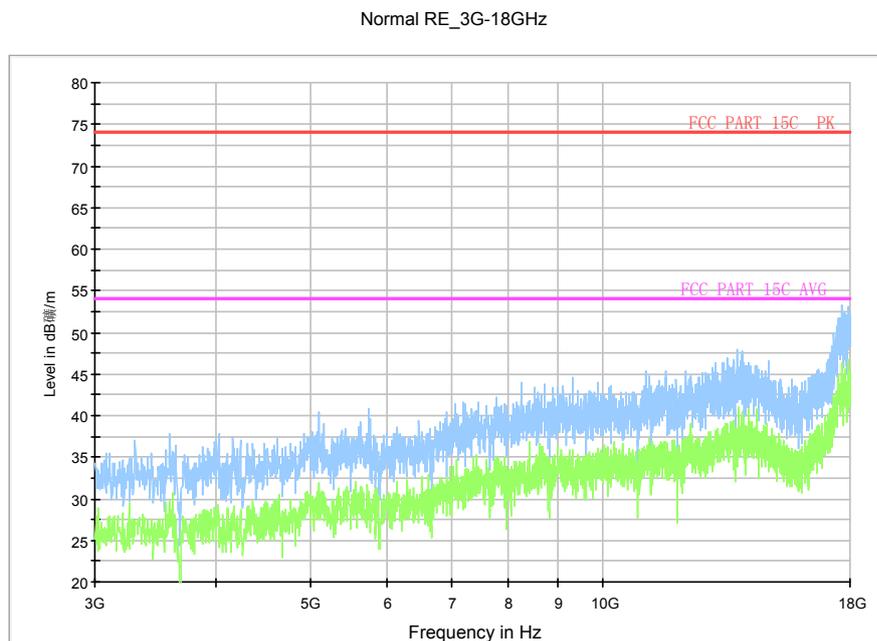
**Fig.A.6.2.23 Radiated Spurious Emission (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.43GHz**



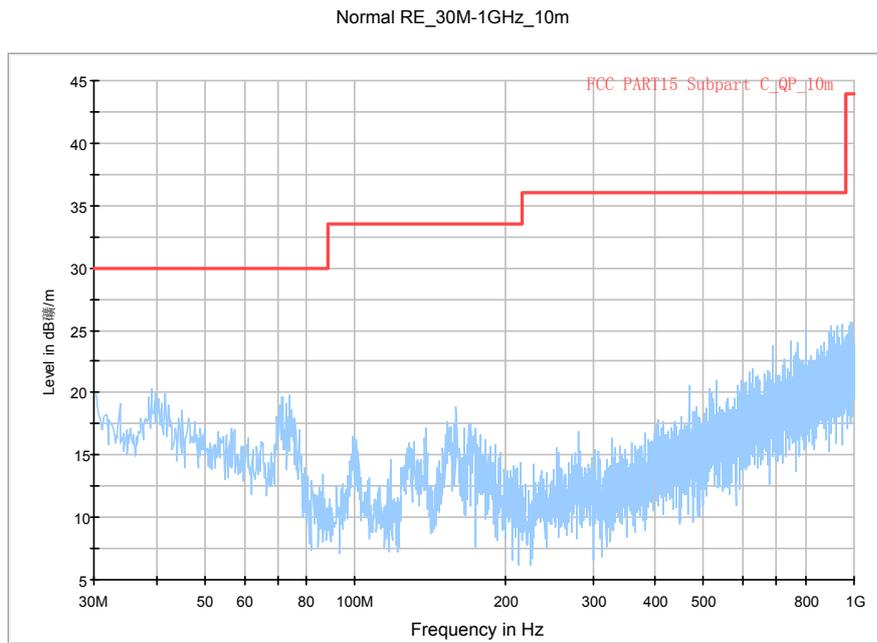
**Fig.A.6.2.24 Radiated Spurious Emission (802.11n-HT20, Ch1, 30 MHz-1 GHz)**



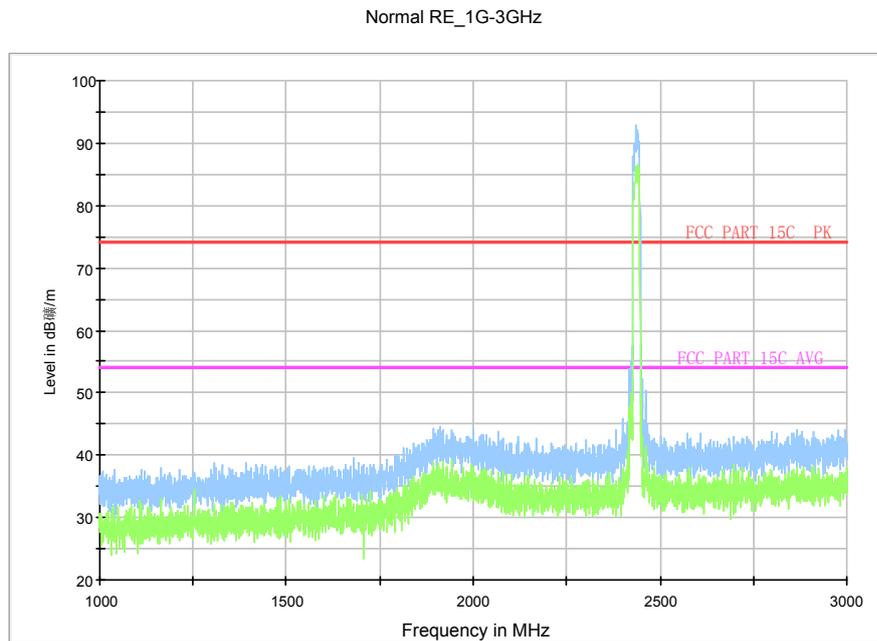
**Fig.A.6.2.25 Radiated Spurious Emission (802.11n-HT20, Ch1, 1 GHz-3 GHz)**



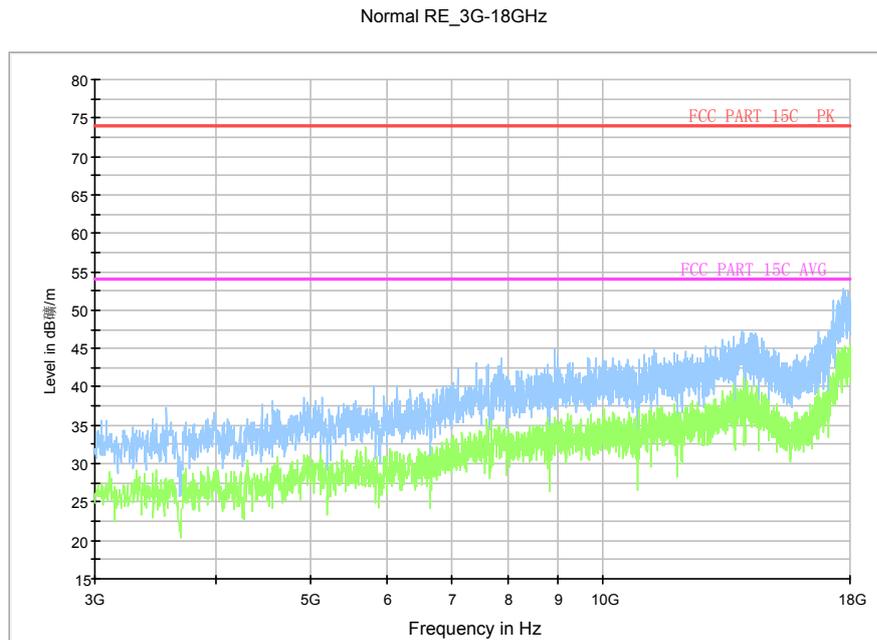
**Fig.A.6.2.26 Radiated Spurious Emission (802.11n-HT20, Ch1, 3 GHz-18 GHz)**



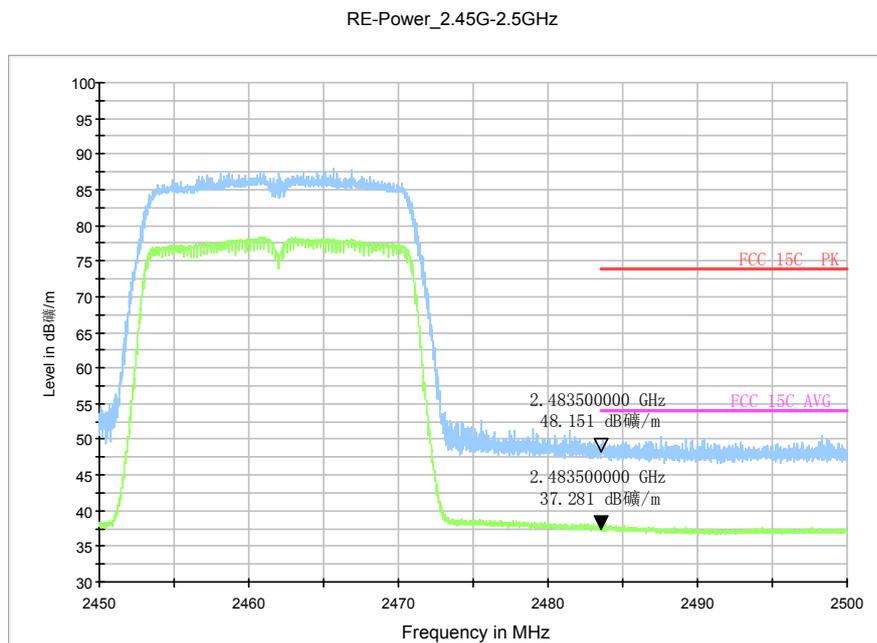
**Fig.A.6.2.27 Radiated Spurious Emission (802.11n-HT20, Ch6, 30 MHz-1 GHz)**



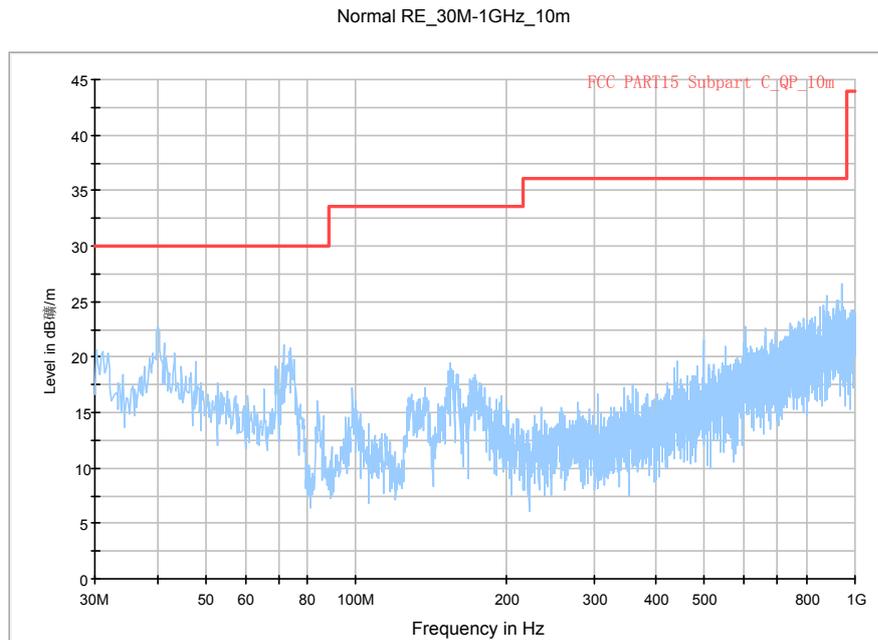
**Fig.A.6.2.28 Radiated Spurious Emission (802.11n-HT20, Ch6, 1 GHz-3 GHz)**



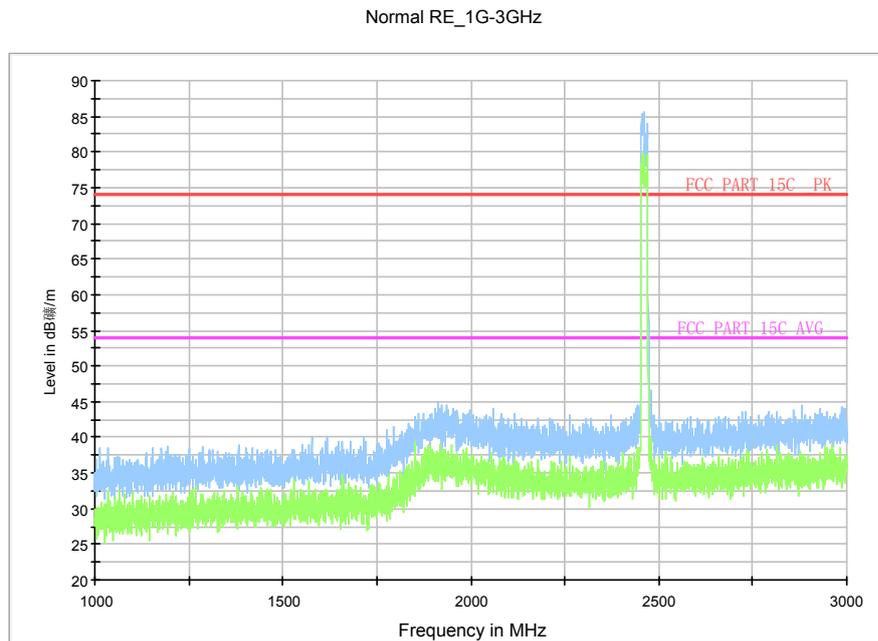
**Fig.A.6.2.29 Radiated Spurious Emission (802.11n-HT20, Ch6, 3 GHz-18 GHz)**



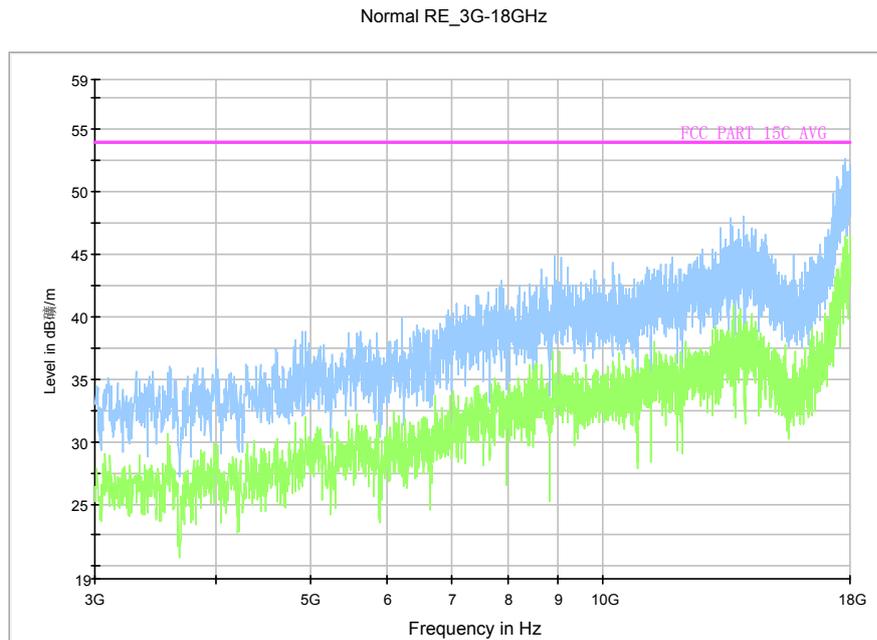
**Fig.A.6.2.30 Radiated Spurious Emission (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz**



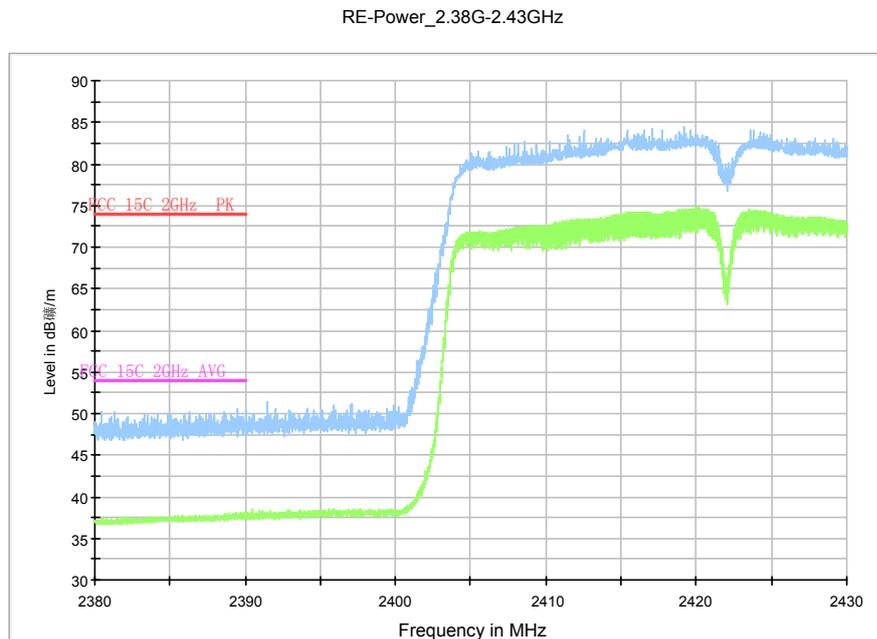
**Fig.A.6.2.31 Radiated Spurious Emission (802.11n-HT20, Ch11, 30 MHz-1 GHz)**



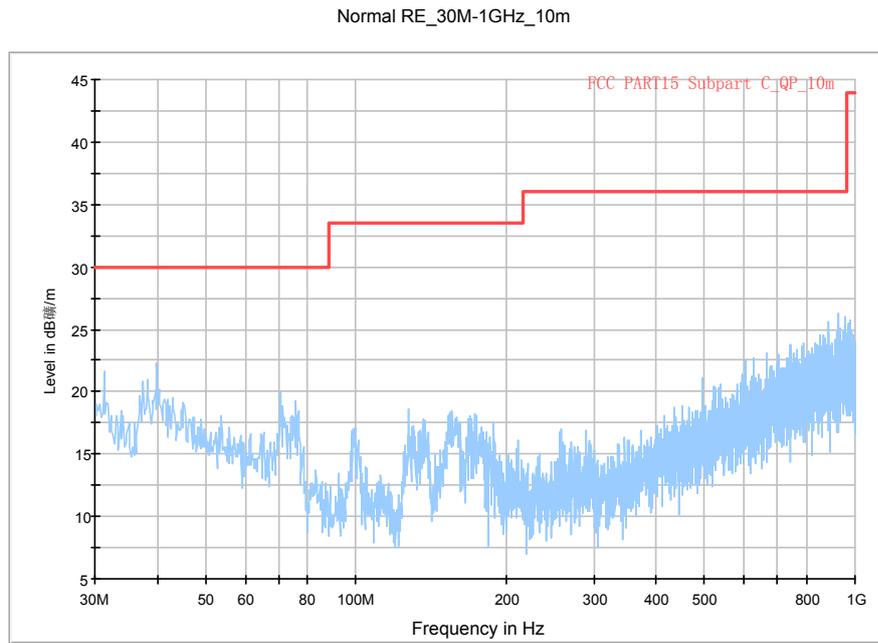
**Fig.A.6.2.32 Radiated Spurious Emission (802.11n-HT20, Ch11, 1 GHz-3 GHz)**



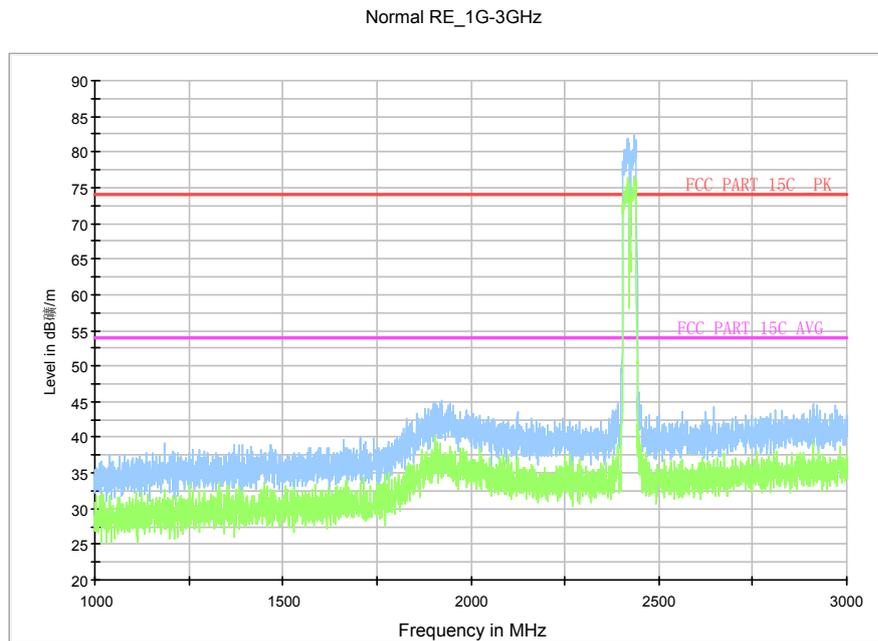
**Fig.A.6.2.33 Radiated Spurious Emission (802.11n-HT20, Ch11, 3 GHz-18 GHz)**



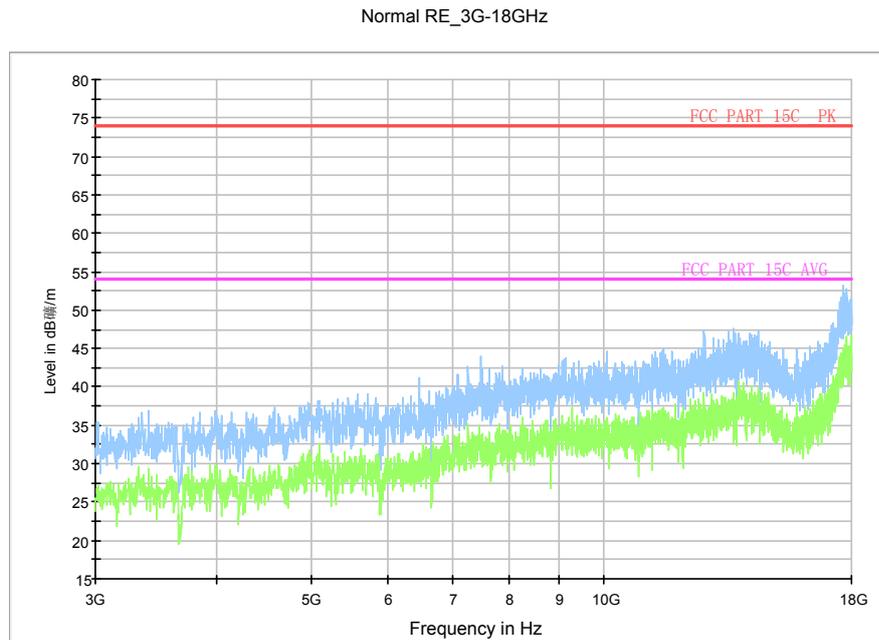
**Fig.A.6.2.34 Radiated Spurious Emission (Power): 802.11n-HT40, ch3, 2.38 GHz - 2.43GHz**



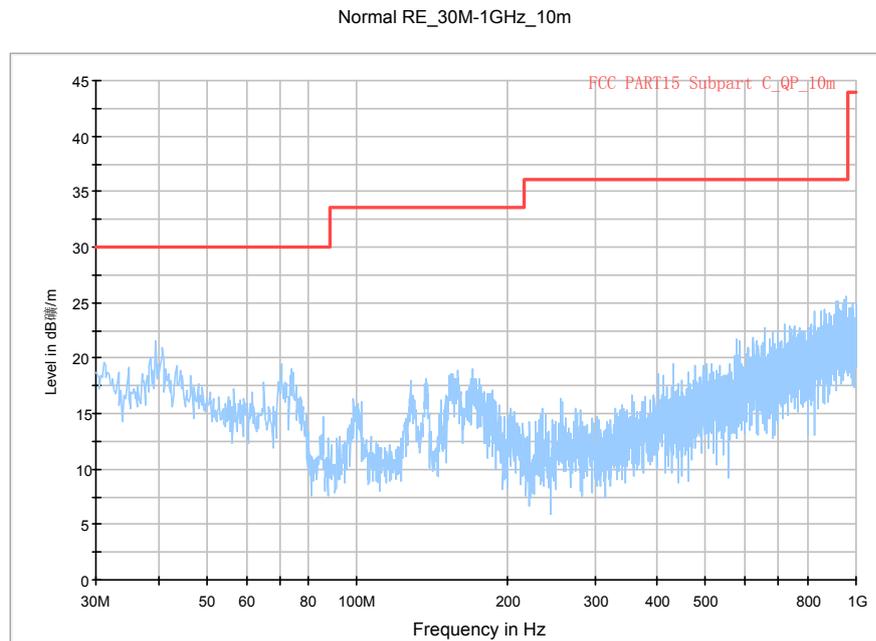
**Fig.A.6.2.35 Radiated Spurious Emission (802.11n-HT40, ch3, 30 MHz-1 GHz)**



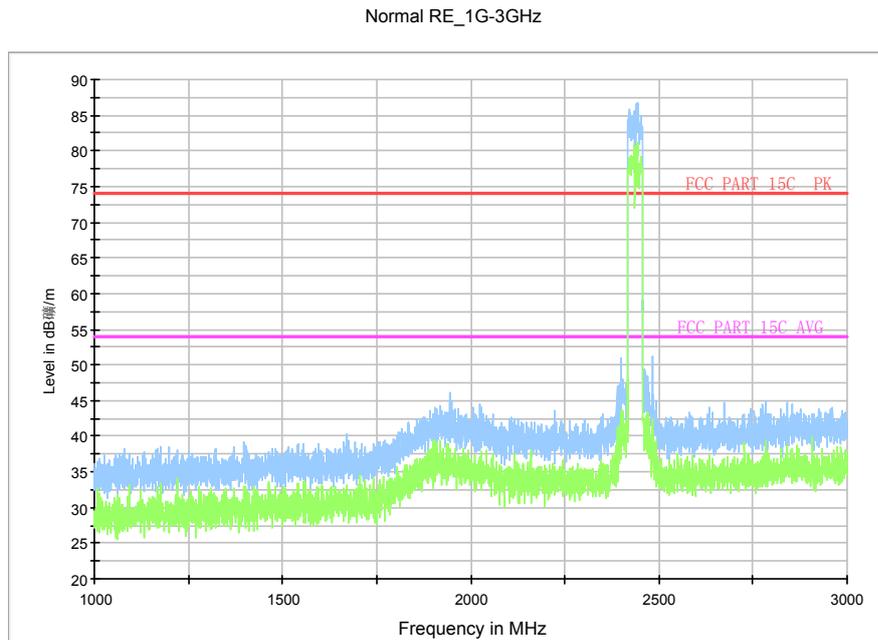
**Fig.A.6.2.36 Radiated Spurious Emission (802.11n-HT40, ch3, 1 GHz-3 GHz)**



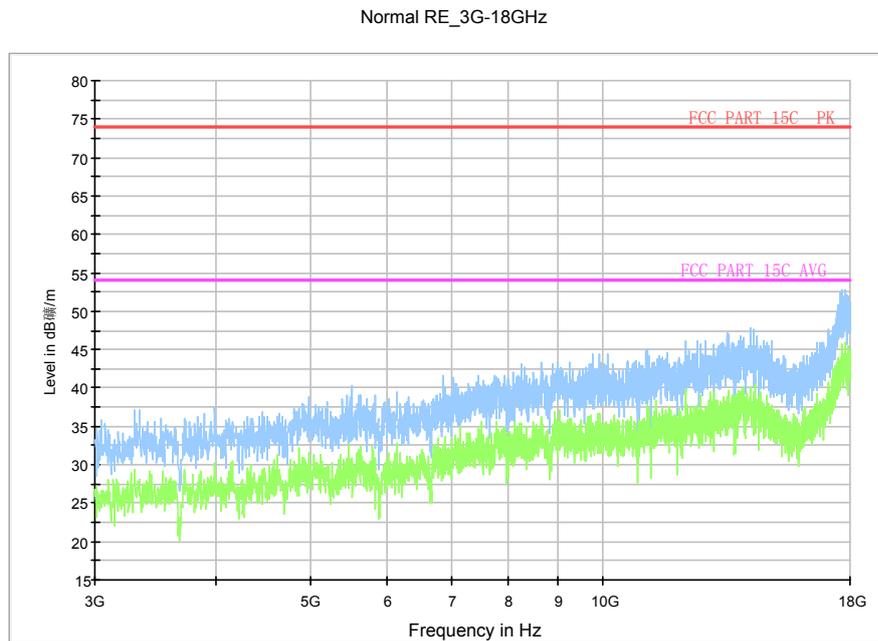
**Fig.A.6.2.37 Radiated Spurious Emission (802.11n-HT40, ch3, 3 GHz-18 GHz)**



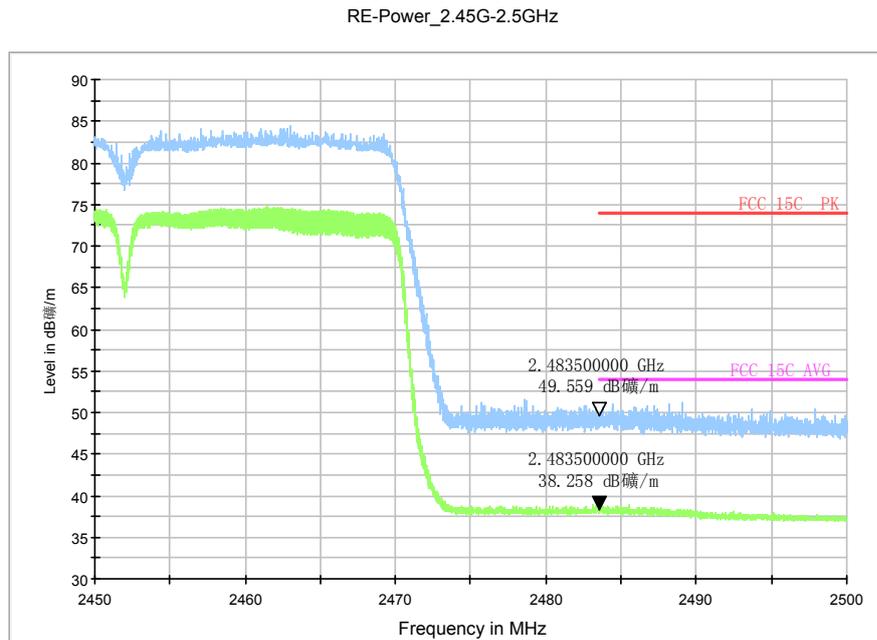
**Fig.A.6.2.38 Radiated Spurious Emission (802.11n-HT40, Ch6, 30 MHz-1 GHz)**



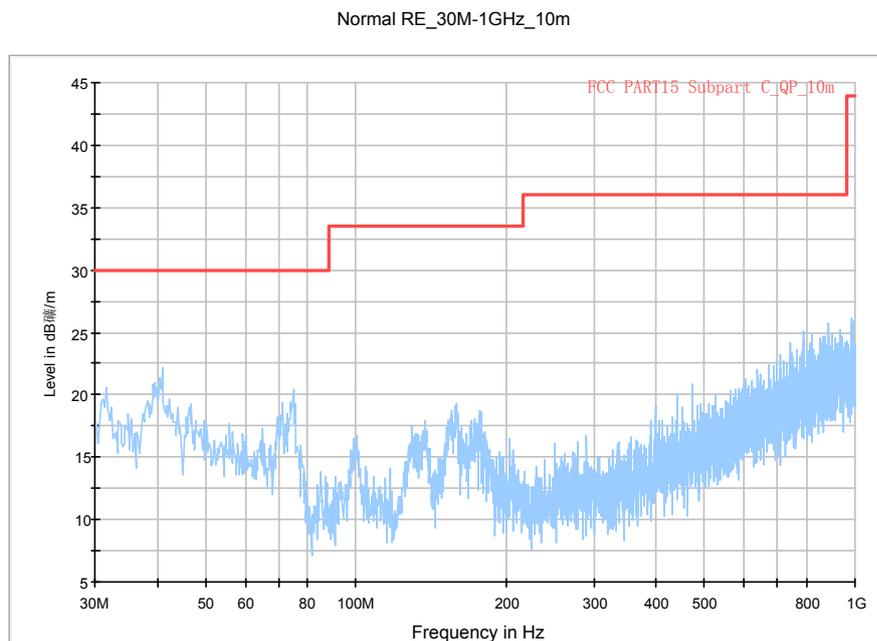
**Fig.A.6.2.39 Radiated Spurious Emission (802.11n-HT40, Ch6, 1 GHz-3 GHz)**



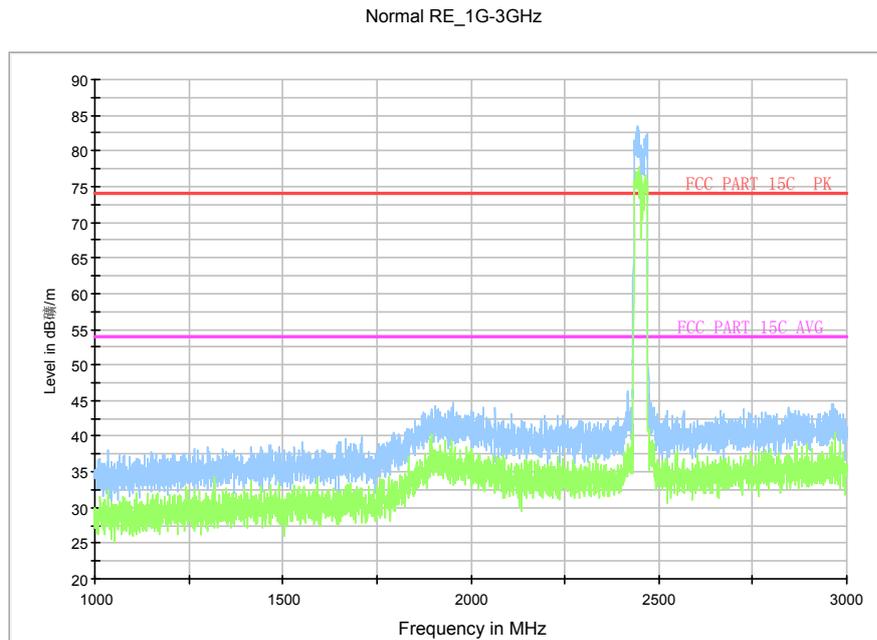
**Fig.A.6.2.40 Radiated Spurious Emission (802.11n-HT40, Ch6, 3 GHz-18 GHz)**



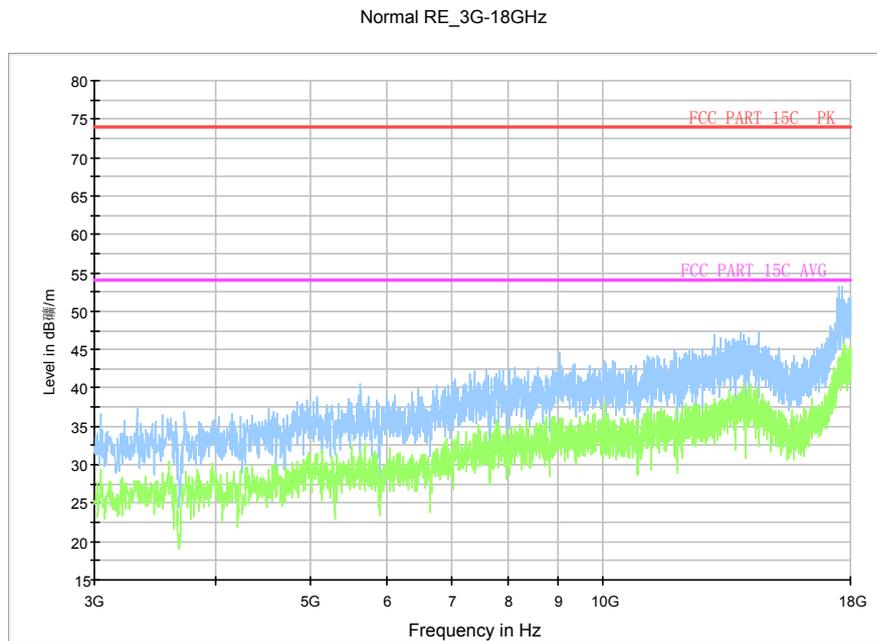
**Fig.A.6.2.41 Radiated Spurious Emission (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz**



**Fig.A.6.2.42 Radiated Spurious Emission (802.11n-HT40, ch9, 30 MHz-1 GHz)**

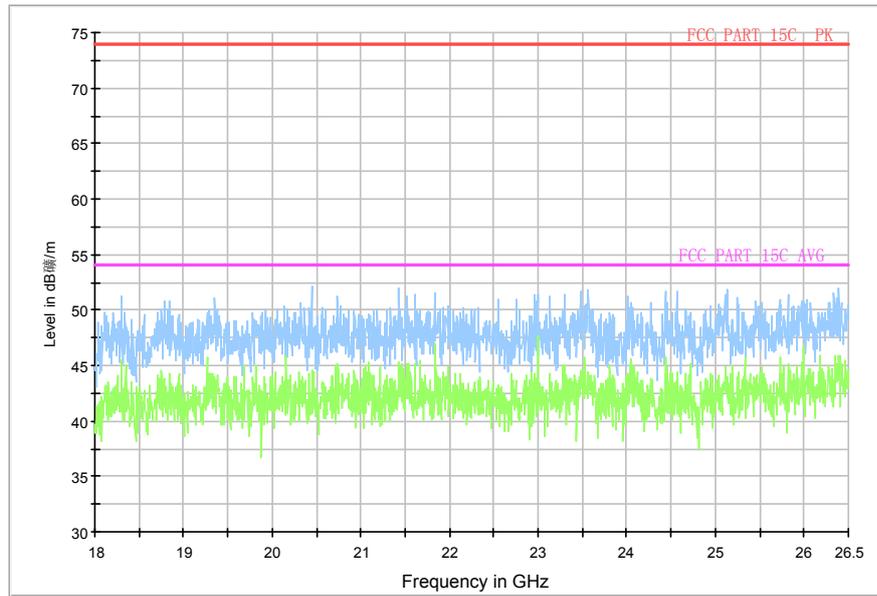


**Fig.A.6.2.43 Radiated Spurious Emission (802.11n-HT40, ch9, 1 GHz-3 GHz)**



**Fig.A.6.2.44 Radiated Spurious Emission (802.11n-HT40, ch9, 3 GHz-18 GHz)**

Normal RE\_18G-26.5GHz



**Fig.A.6.2.45 Radiated Spurious Emission (All channels): 18GHz – 26.5GHz**

## 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 (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		With charger		
		802.11b	802.11b-idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	<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 Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		With charger		
		802.11b	802.11b-idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	<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.

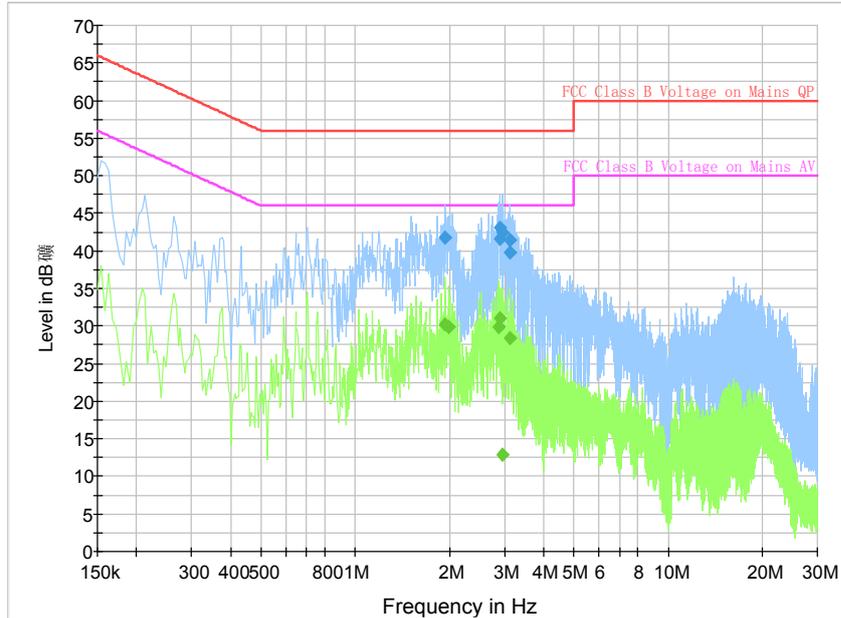
The measurement is made according to KDB558074.

**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**

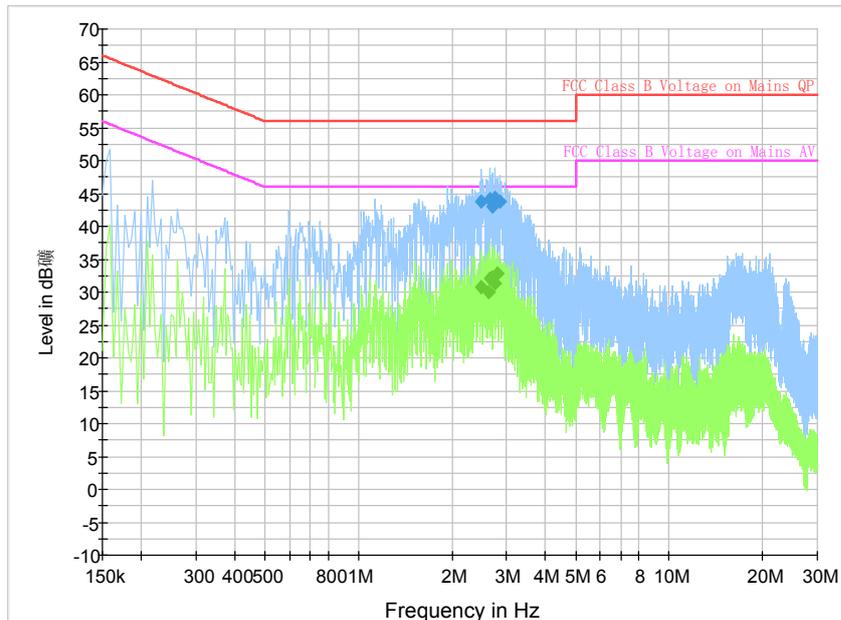
Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dB $\mu$ V)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
1.941000	41.8	GND	L1	9.7	14.2	56.0
2.890500	41.6	GND	L1	9.7	14.4	56.0
2.904000	43.0	GND	L1	9.7	13.0	56.0
2.962500	42.4	GND	L1	9.7	13.6	56.0
3.111000	39.8	GND	L1	9.7	16.2	56.0
3.124500	41.4	GND	L1	9.7	14.6	56.0

Final Result 2

Frequency (MHz)	Average (dB $\mu$ V)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
1.941000	30.1	GND	L1	9.7	15.9	46.0
1.995000	29.9	GND	L1	9.7	16.1	46.0
2.877000	29.8	GND	L1	9.7	16.2	46.0
2.913000	31.1	GND	L1	9.7	14.9	46.0
2.962500	12.8	GND	L1	9.7	33.2	46.0
3.124500	28.5	GND	L1	9.7	17.5	46.0



**Fig.A.7.2 AC Powerline Conducted Emission-802.11b-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)
2.476500	43.7	GND	L1	9.7	12.3	56.0
2.638500	44.1	GND	L1	9.7	11.9	56.0
2.697000	43.5	GND	L1	9.7	12.5	56.0
2.710500	43.0	GND	L1	9.7	13.0	56.0
2.742000	44.4	GND	L1	9.7	11.6	56.0
2.859000	43.8	GND	L1	9.7	12.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
2.472000	30.7	GND	L1	9.7	15.3	46.0
2.625000	30.0	GND	L1	9.7	16.0	46.0
2.638500	32.0	GND	L1	9.7	14.0	46.0
2.697000	32.2	GND	L1	9.7	13.8	46.0
2.742000	31.3	GND	L1	9.7	14.7	46.0
2.800500	32.9	GND	L1	9.7	13.1	46.0