

Fig.A.7.1.79 Conducted Spurious Emission (802.11n-HT40, Ch3, 15 GHz-20 GHz)

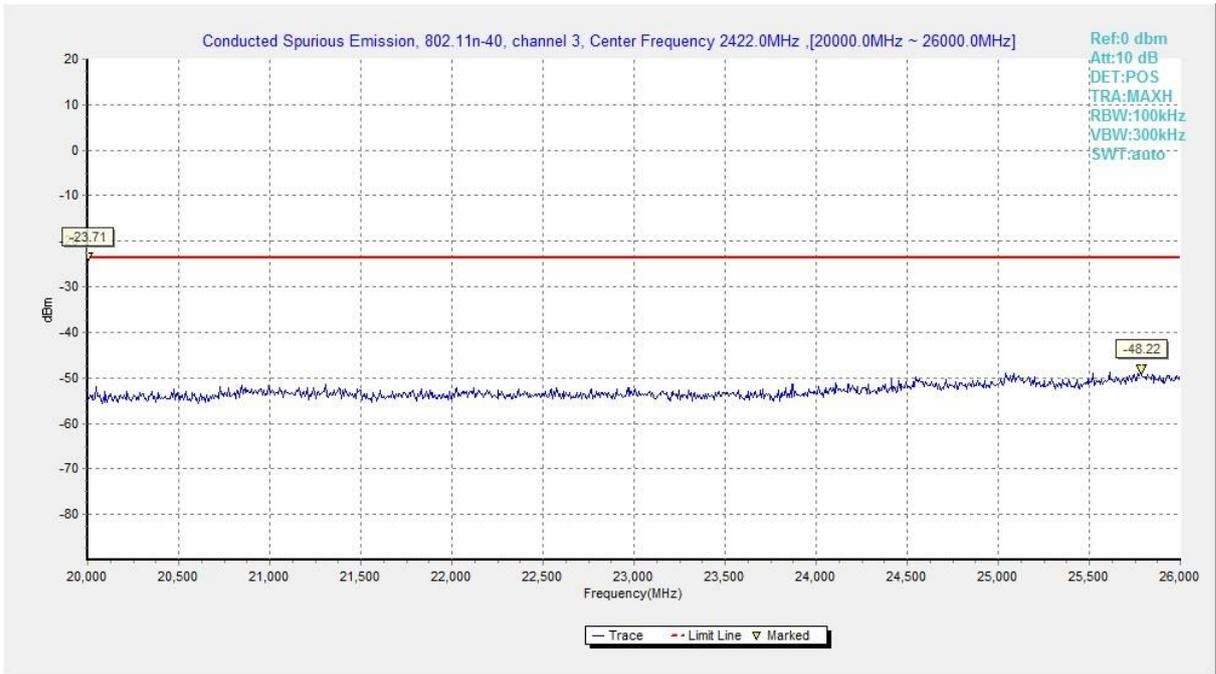


Fig.A.7.1.80 Conducted Spurious Emission (802.11n-HT40, Ch3, 20 GHz-26 GHz)

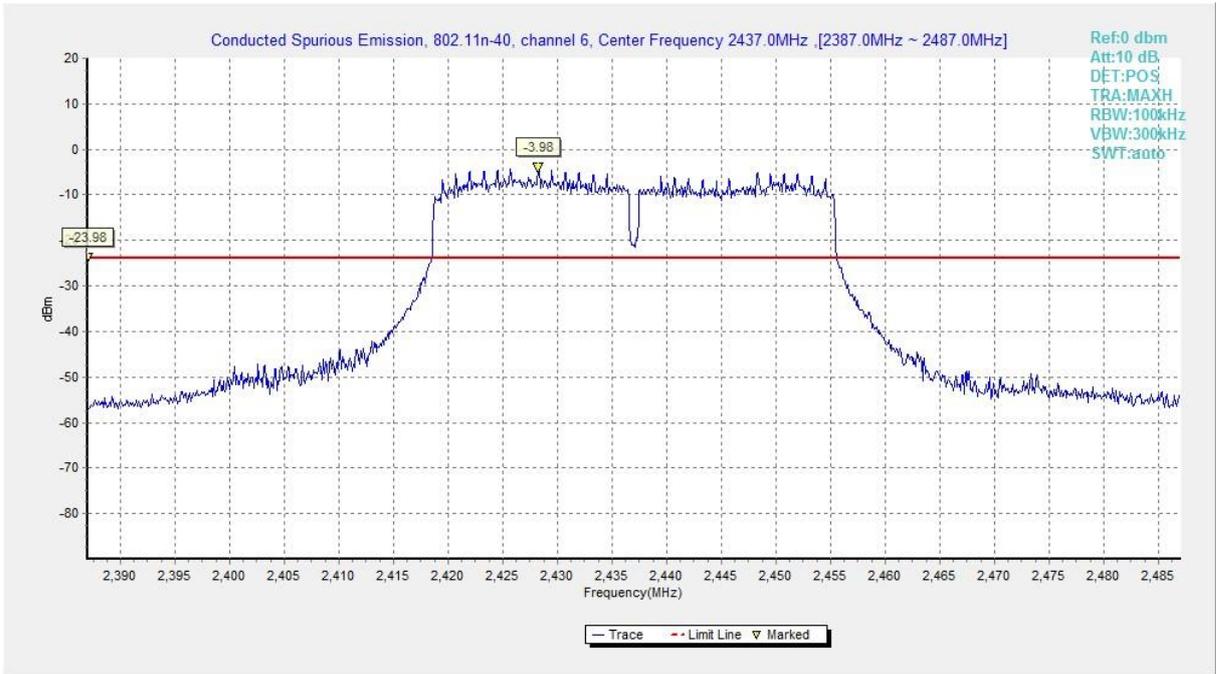


Fig.A.7.1.81 Conducted Spurious Emission (802.11n-HT40, Ch6, Center Frequency)

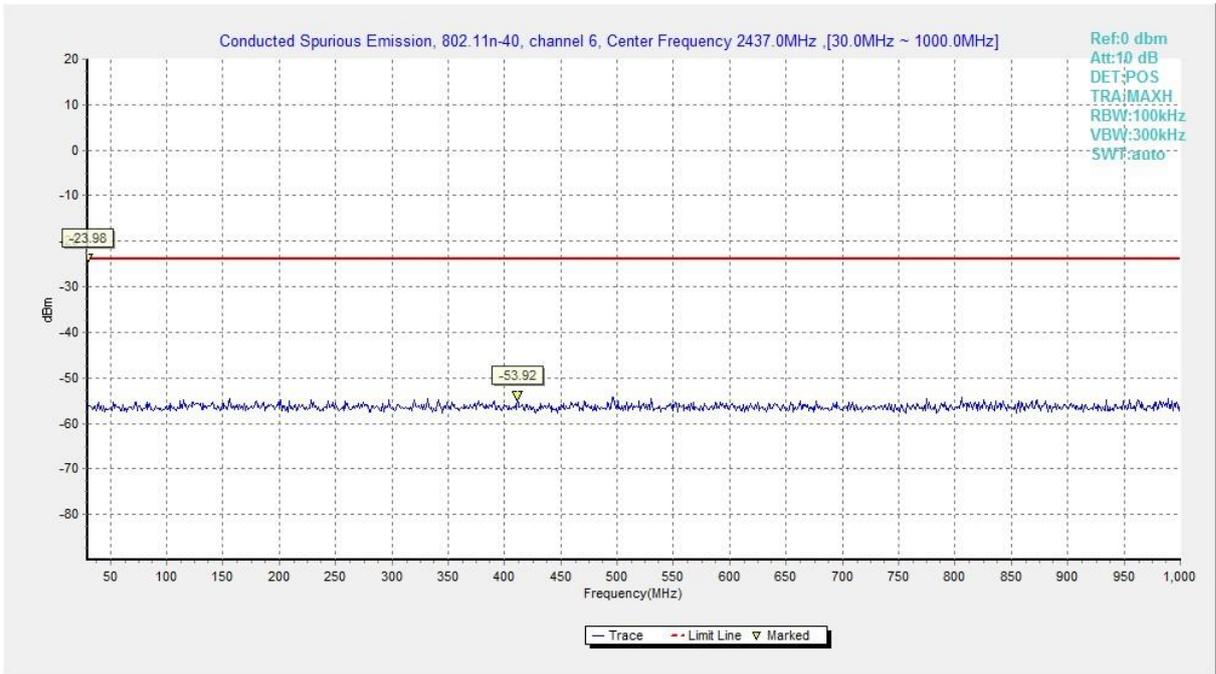


Fig.A.7.1.82 Conducted Spurious Emission (802.11n-HT40, Ch6, 30 MHz-1 GHz)

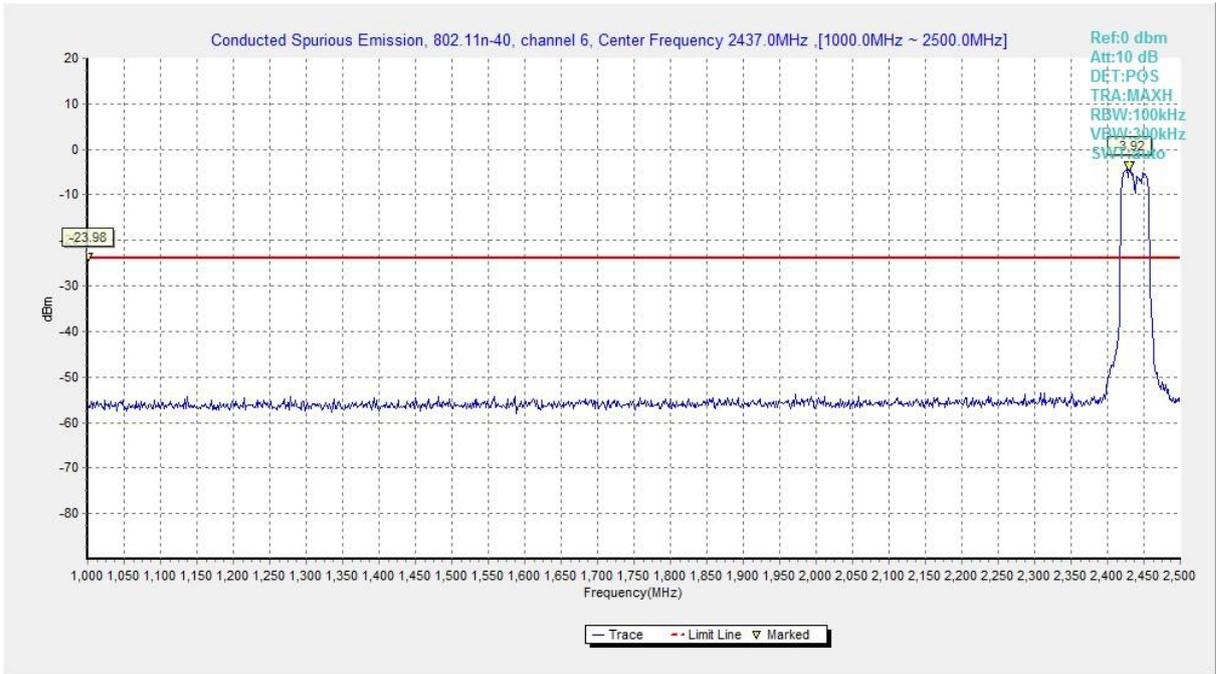


Fig.A.7.1.83 Conducted Spurious Emission (802.11n-HT40, Ch6, 1 GHz-2.5 GHz)

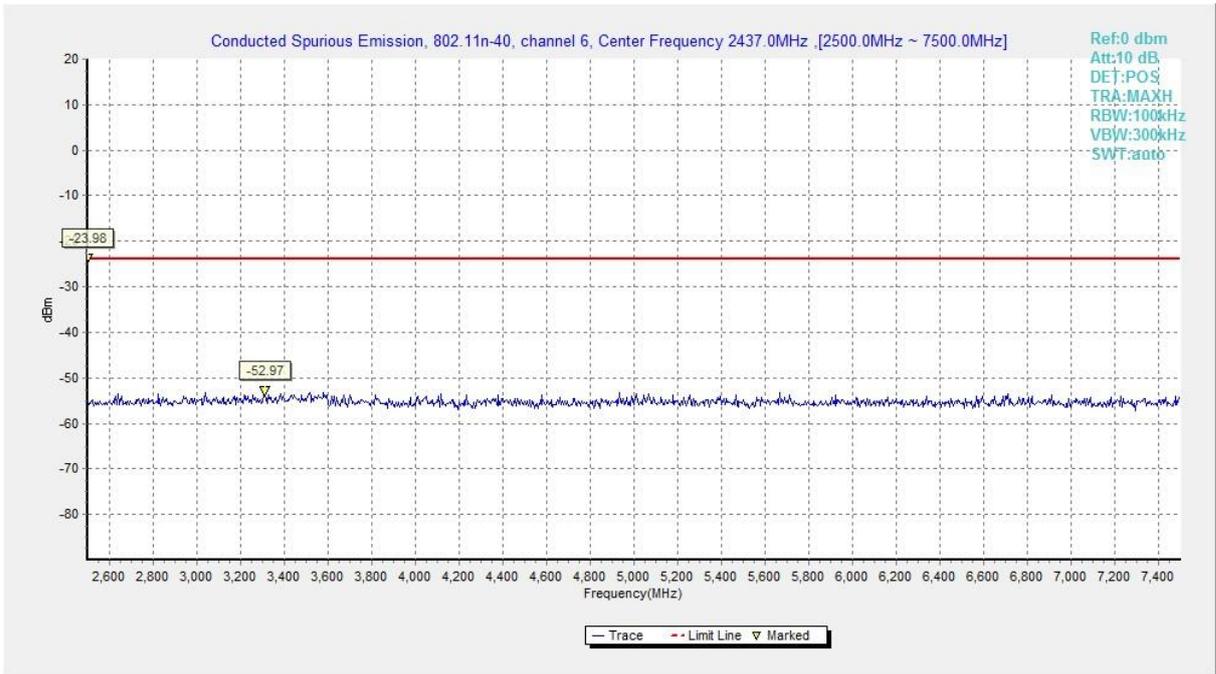


Fig.A.7.1.84 Conducted Spurious Emission (802.11n-HT40, Ch6, 2.5 GHz-7.5 GHz)

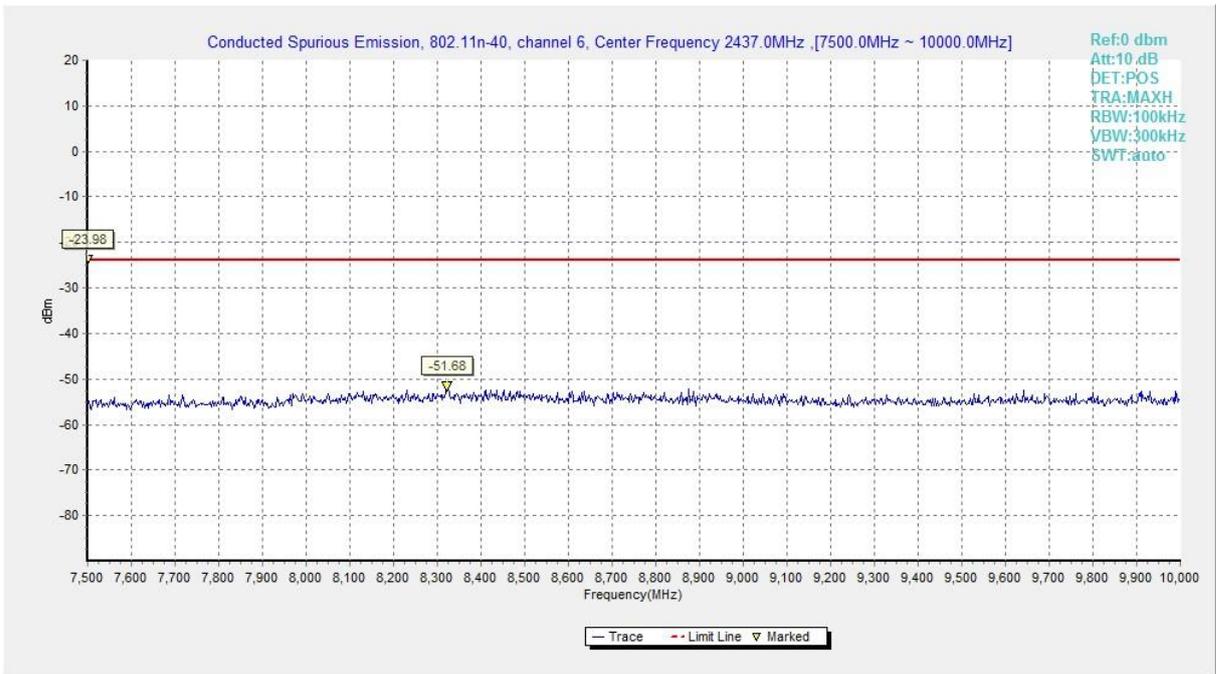


Fig.A.7.1.85 Conducted Spurious Emission (802.11n-HT40, Ch6, 7.5 GHz-10 GHz)

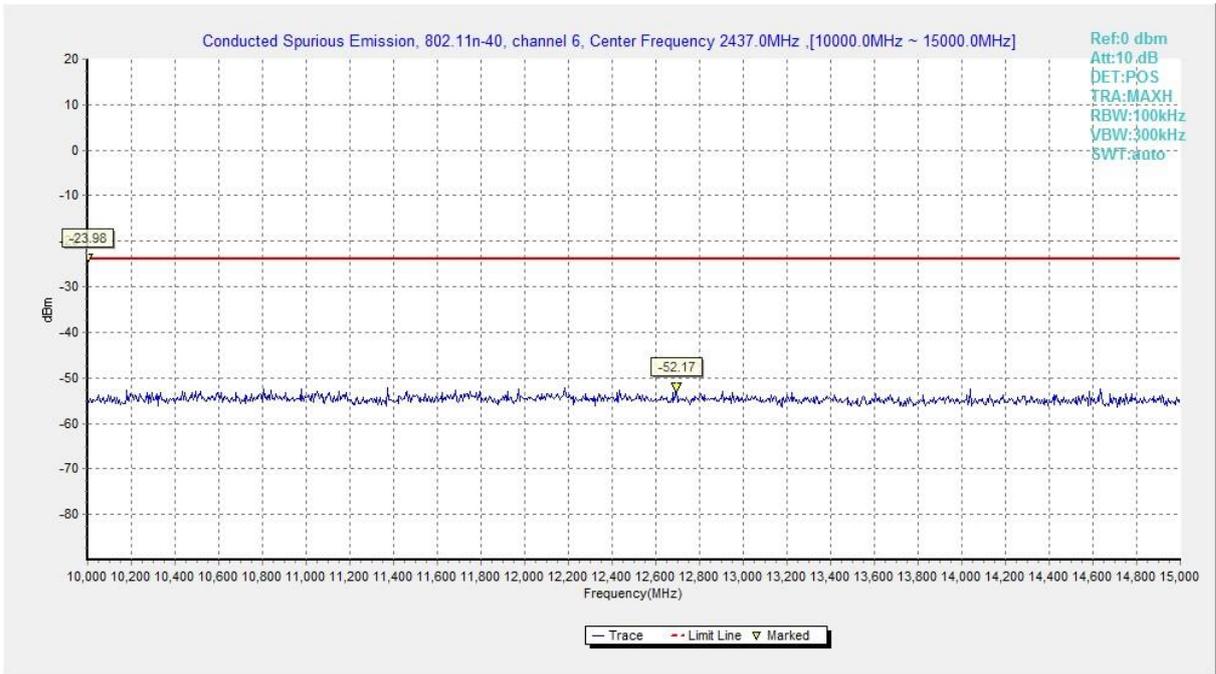


Fig.A.7.1.86 Conducted Spurious Emission (802.11n-HT40, Ch6, 10 GHz-15 GHz)

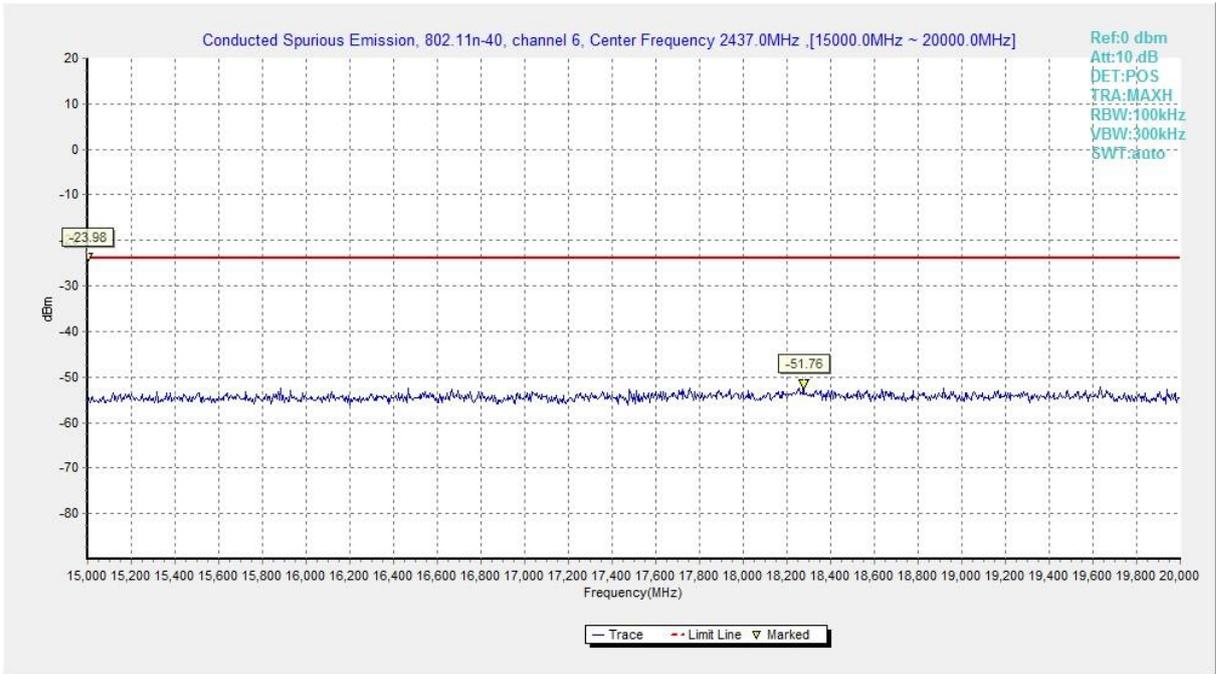


Fig.A.7.1.87 Conducted Spurious Emission (802.11n-HT40, Ch6, 15 GHz-20 GHz)

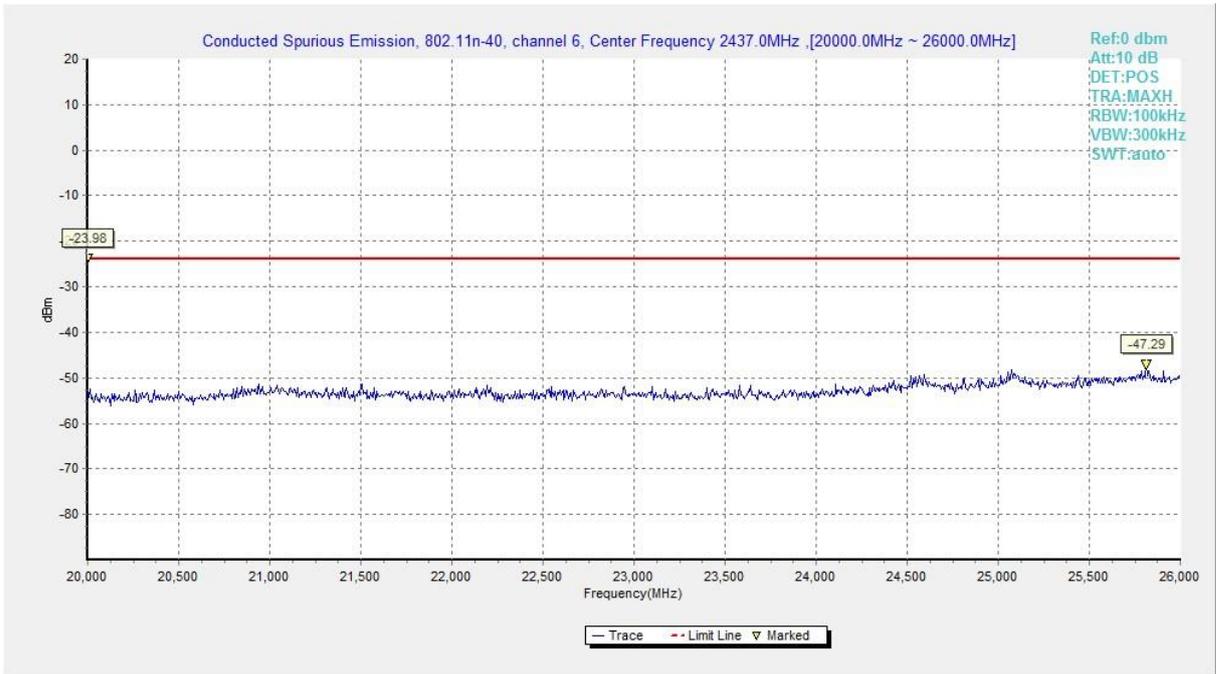


Fig.A.7.1.88 Conducted Spurious Emission (802.11n-HT40, Ch6, 20 GHz-26 GHz)

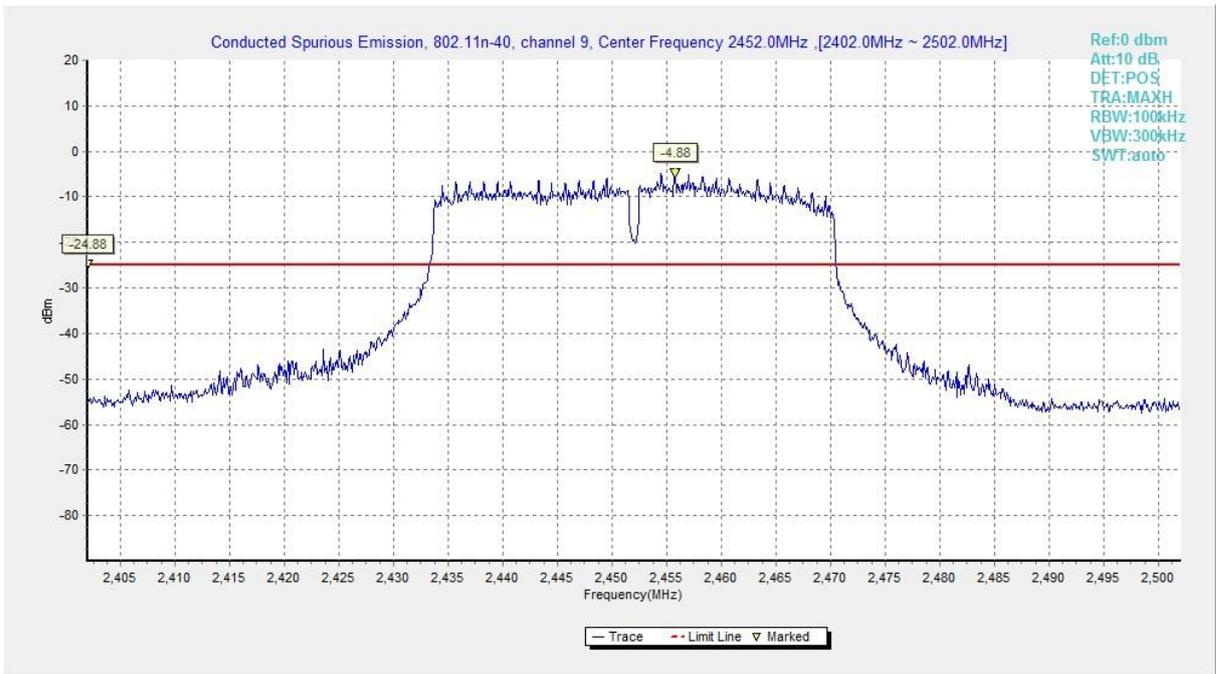


Fig.A.7.1.89 Conducted Spurious Emission (802.11n-HT40, Ch9, Center Frequency)

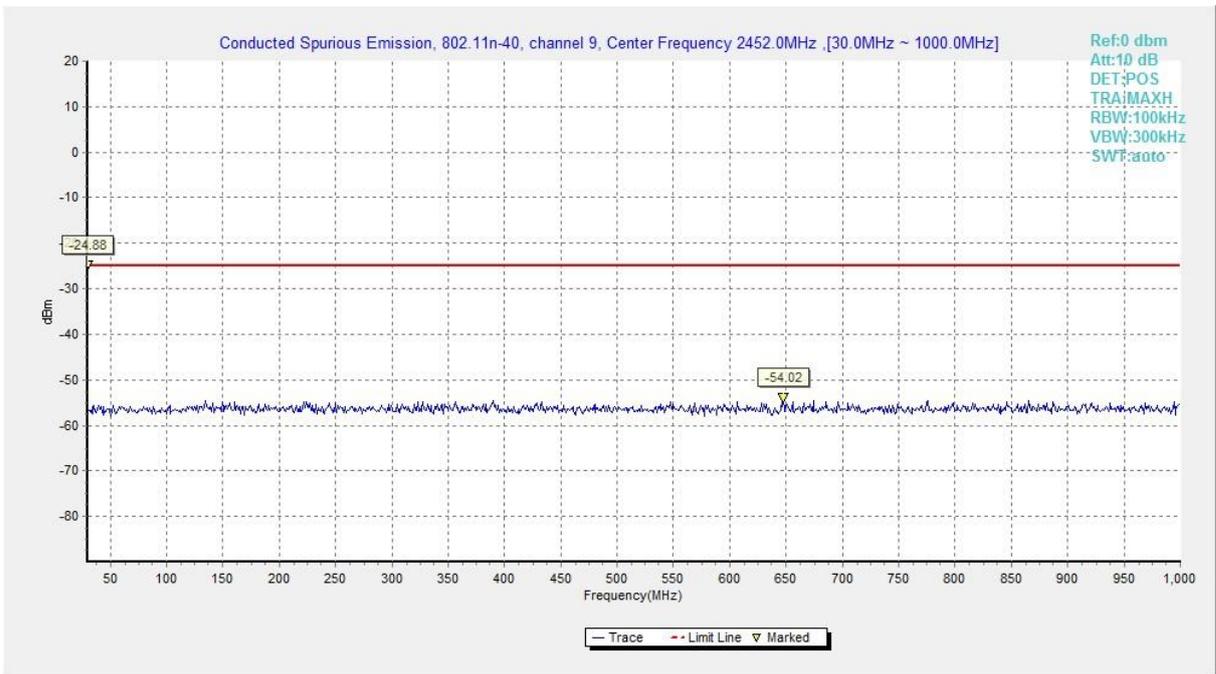


Fig.A.7.1.90 Conducted Spurious Emission (802.11n-HT40, Ch9, 30 MHz-1 GHz)

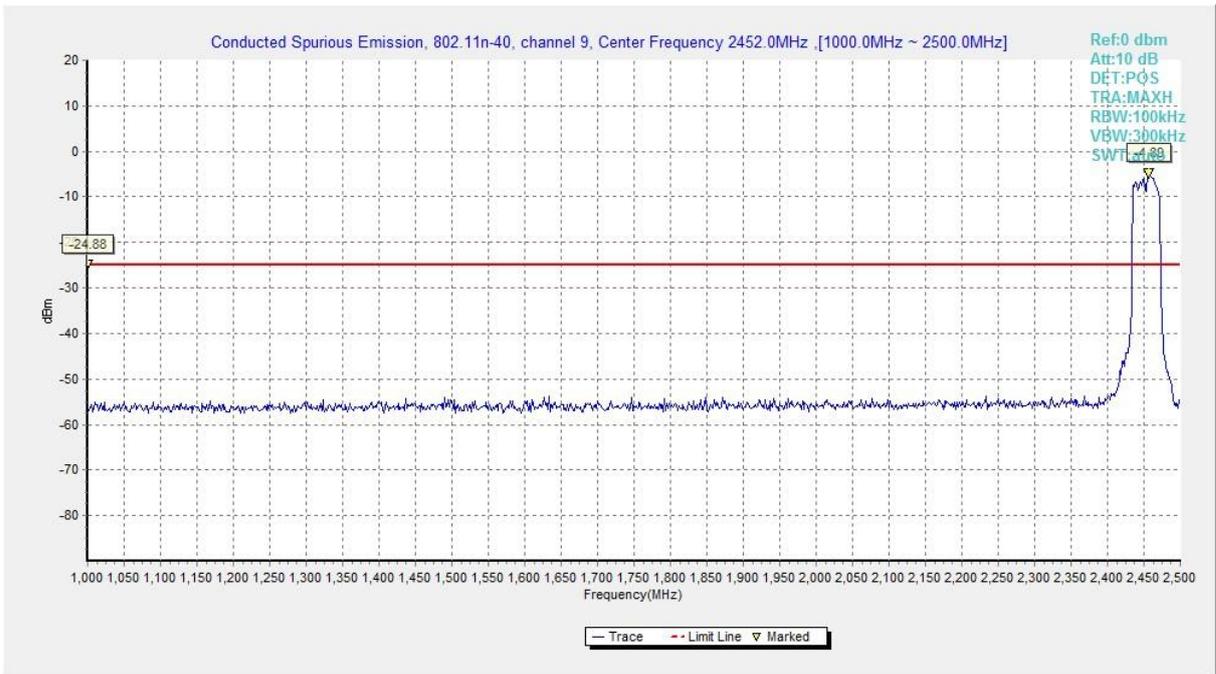


Fig.A.7.1.91 Conducted Spurious Emission (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

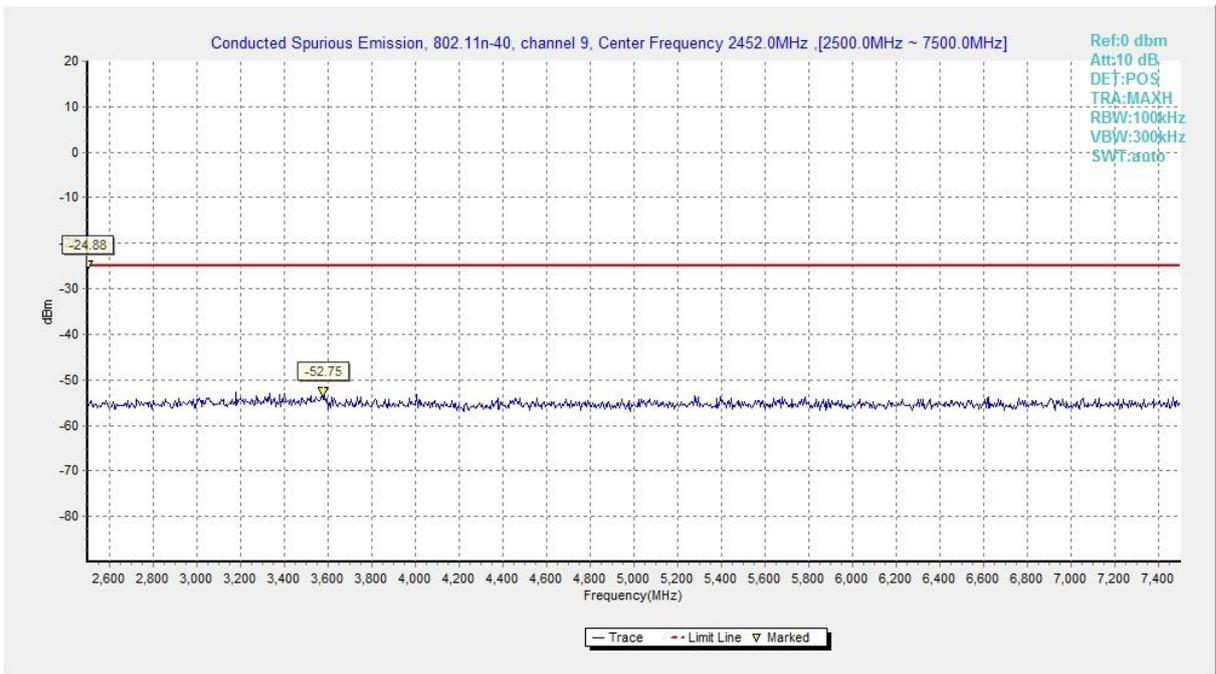


Fig.A.7.1.92 Conducted Spurious Emission (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

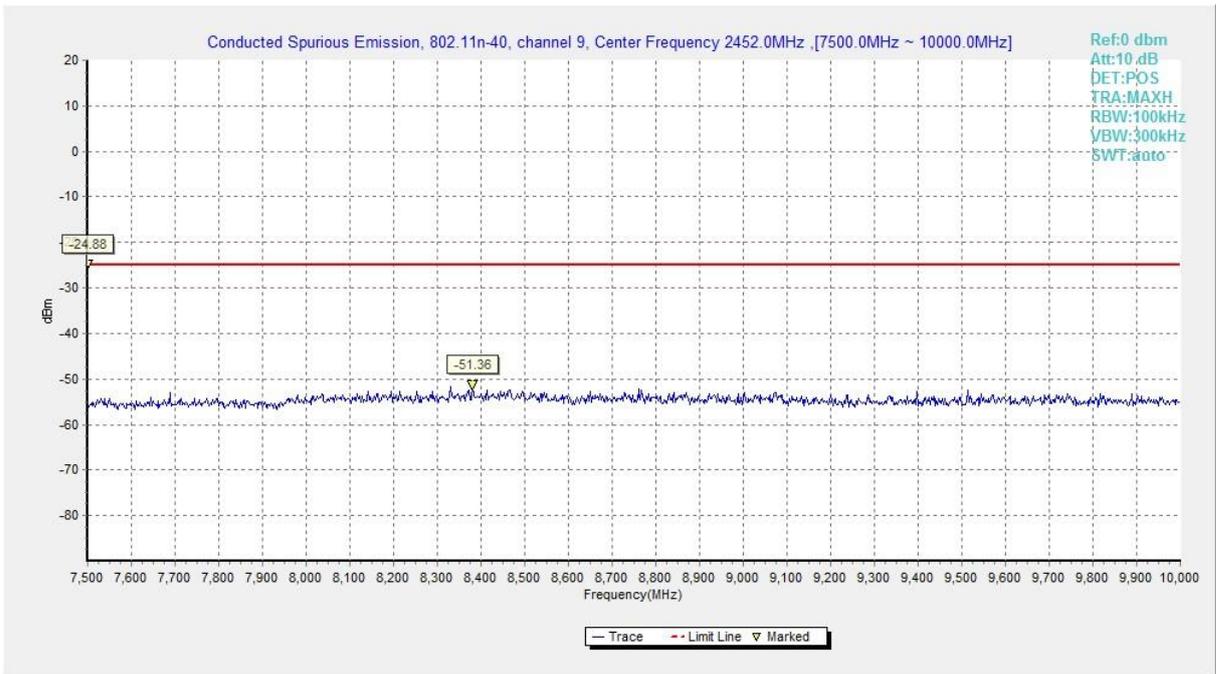


Fig.A.7.1.93 Conducted Spurious Emission (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

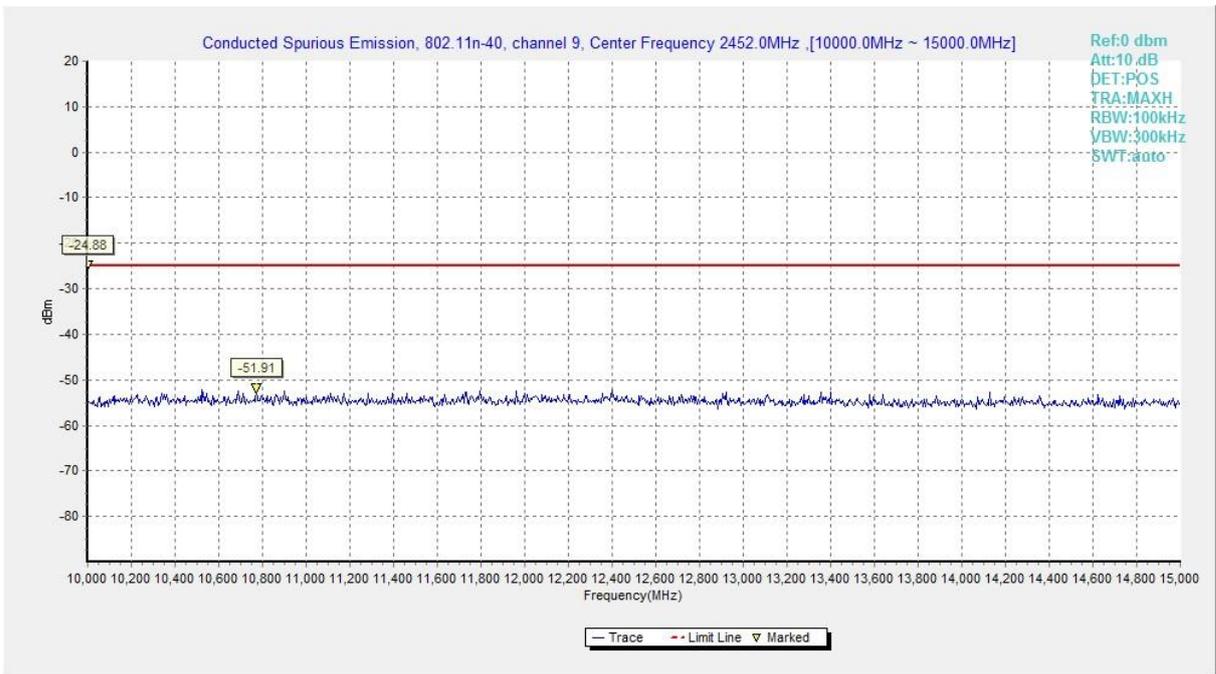


Fig.A.7.1.94 Conducted Spurious Emission (802.11n-HT40, Ch9, 10 GHz-15 GHz)

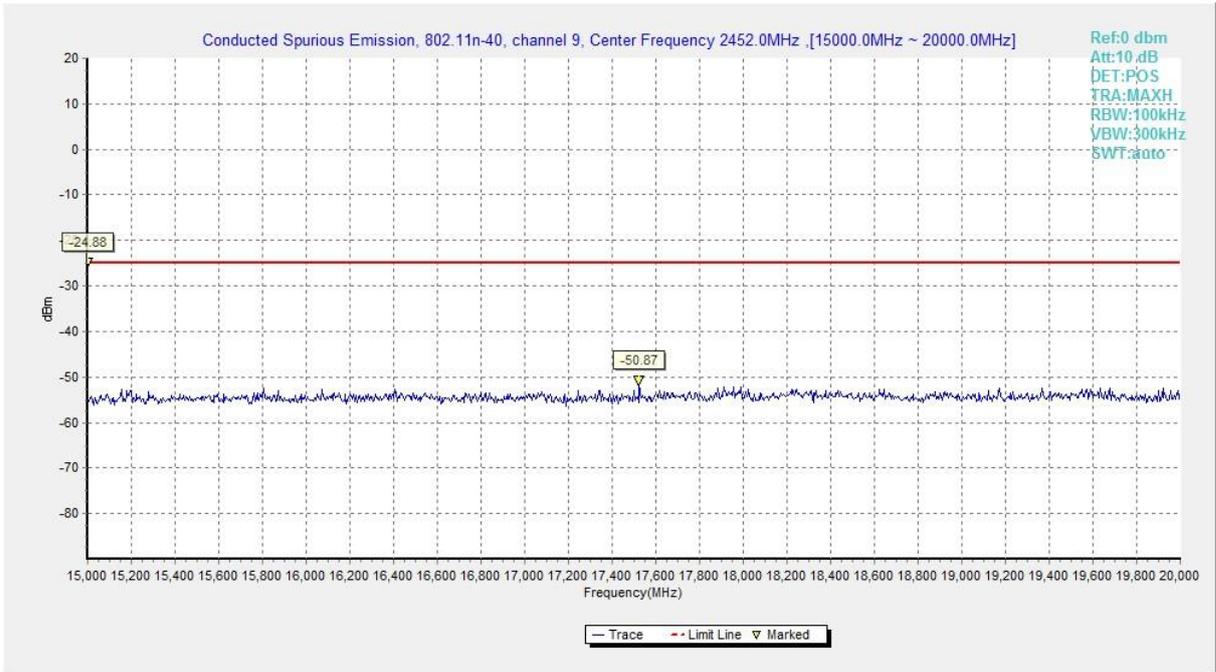


Fig.A.7.1.95 Conducted Spurious Emission (802.11n-HT40, Ch9, 15 GHz-20 GHz)

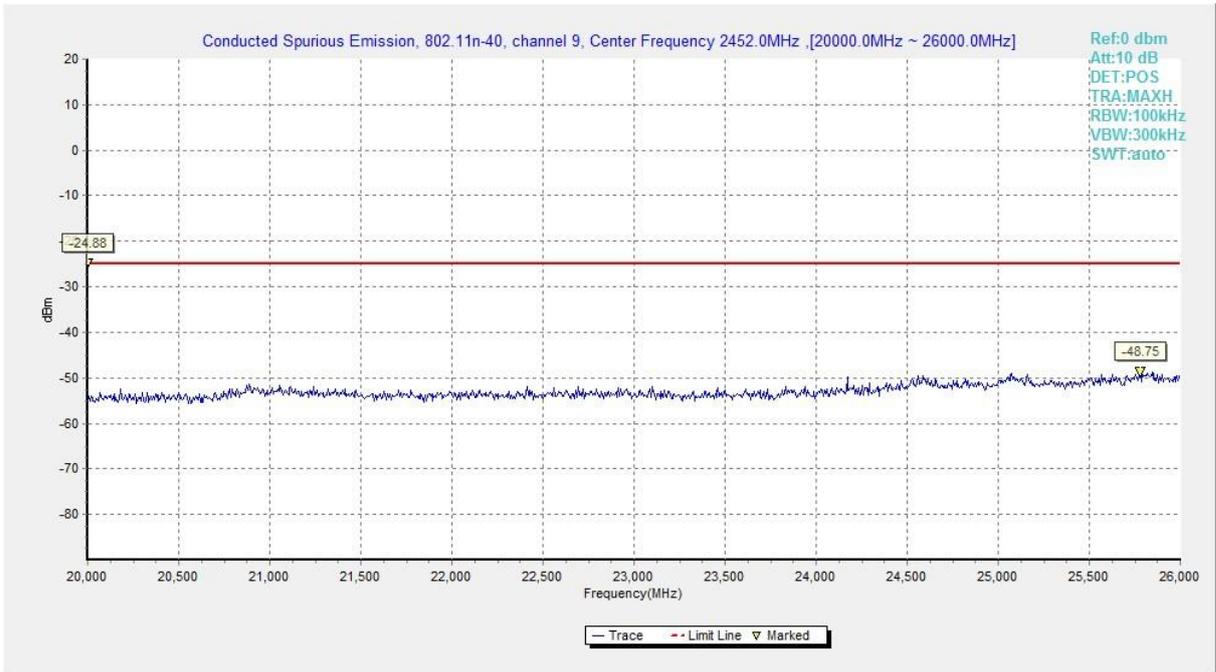


Fig.A.7.1.96 Conducted Spurious Emission (802.11n-HT40, Ch9, 20 GHz-26 GHz)

A.7.2 Transmitter Spurious Emission - Radiated

Limit in restricted band:

Measurement Results:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.45GHz	Fig.A.7.2.1	P
	1	30 MHz ~1 GHz	Fig.A.7.2.2	P
		1 GHz ~ 3 GHz	Fig.A.7.2.3	P
		3 GHz ~ 18 GHz	Fig.A.7.2.4	P
	6	30 MHz ~1 GHz	Fig.A.7.2.5	P
		1 GHz ~ 3 GHz	Fig.A.7.2.6	P
		3 GHz ~ 18 GHz	Fig.A.7.2.7	P
	Power	2.45GHz ~2.5GHz	Fig.A.7.2.8	P
	11	30 MHz ~1 GHz	Fig.A.7.2.9	P
		1 GHz ~ 3 GHz	Fig.A.7.2.10	P
		3 GHz ~ 18 GHz	Fig.A.7.2.11	P
	802.11g	Power	2.38GHz ~2.45GHz	Fig.A.7.2.12
1		30 MHz ~1 GHz	Fig.A.7.2.13	P
		1 GHz ~ 3 GHz	Fig.A.7.2.14	P
		3 GHz ~ 18 GHz	Fig.A.7.2.15	P
6		30 MHz ~1 GHz	Fig.A.7.2.16	P
		1 GHz ~ 3 GHz	Fig.A.7.2.17	P
		3 GHz ~ 18 GHz	Fig.A.7.2.18	P
Power		2.45GHz~2.5GHz	Fig.A.7.2.19	P
11		30 MHz ~1 GHz	Fig.A.7.2.20	P
		1 GHz ~ 3 GHz	Fig.A.7.2.21	P
		3 GHz ~ 18 GHz	Fig.A.7.2.22	P
802.11n- HT20		Power	2.38GHz ~2.45GHz	Fig.A.7.2.23
	1	30 MHz ~1 GHz	Fig.A.7.2.24	P
		1 GHz ~ 3 GHz	Fig.A.7.2.25	P
		3 GHz ~ 18 GHz	Fig.A.7.2.26	P
	6	30 MHz ~1 GHz	Fig.A.7.2.27	P
		1 GHz ~ 3 GHz	Fig.A.7.2.28	P
		3 GHz ~ 18 GHz	Fig.A.7.2.29	P
	Power	2.45GHz~2.5GHz	Fig.A.7.2.30	P
	11	30 MHz ~1 GHz	Fig.A.7.2.31	P
		1 GHz ~ 3 GHz	Fig.A.7.2.32	P
		3 GHz ~ 18 GHz	Fig.A.7.2.33	P
	802.11n- HT40	Power	2.38GHz ~2.45GHz	Fig.A.7.2.34
3		30 MHz ~1 GHz	Fig.A.7.2.35	P
		1 GHz ~ 3 GHz	Fig.A.7.2.36	P

	6	3 GHz ~ 18 GHz	Fig.A.7.2.37	P
		30 MHz ~1 GHz	Fig.A.7.2.38	P
		1 GHz ~ 3 GHz	Fig.A.7.2.39	P
		3 GHz ~ 18 GHz	Fig.A.7.2.40	P
	Power	2.45GHz ~2.5GHz	Fig.A.7.2.41	P
	9	30 MHz ~1 GHz	Fig.A.7.2.42	P
		1 GHz ~ 3 GHz	Fig.A.7.2.43	P
		3 GHz ~ 18 GHz	Fig.A.7.2.44	P
	/	All channels	18 GHz~ 26.5 GHz	Fig.A.7.2.45

Conclusion: PASS

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:

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

These recorded emissions around 21GHz are highest noise floor levels since no higher spurious emission is detected.

802.11b

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2390.000	45.7	-38.8	27.7	56.800	V
17830.500	52.2	-18.5	45.6	25.100	V
17629.500	52.2	-18.9	45.6	25.500	H
17797.500	52.1	-18.5	45.6	25.000	V
17880.000	51.8	-18.5	45.6	24.700	H
17842.500	51.8	-18.5	45.6	24.700	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17767.500	51.7	-18.5	45.6	24.600	V
17560.500	51.5	-19.2	45.6	25.100	V
17982.000	51.5	-17.7	45.6	23.600	V
17925.000	51.4	-17.7	45.6	23.500	H
17905.500	51.3	-18.5	45.6	24.200	V
17784.000	51.3	-18.5	45.6	24.200	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2485.156	47.5	-38.9	27.7	58.700	V
17548.500	54.0	-19.2	45.6	27.600	V
17983.500	52.3	-17.7	45.6	24.400	H
17769.000	52.3	-18.5	45.6	25.200	H
17856.000	51.8	-18.5	45.6	24.700	V
17851.500	51.4	-18.5	45.6	24.300	H

802.11g

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2390.000	45.1	-38.8	27.7	56.200	V
17760.000	52.8	-18.5	45.6	25.700	V
17773.500	52.2	-18.5	45.6	25.100	H
17845.500	51.9	-18.5	45.6	24.800	H
17475.000	51.8	-19.2	41.5	29.500	V
17637.000	51.7	-18.9	45.6	25.000	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17997.000	53.0	-17.7	45.6	25.100	V
17776.500	52.8	-18.5	45.6	25.700	V
17818.500	52.7	-18.5	45.6	25.600	V
17967.000	52.1	-17.7	45.6	24.200	H
17830.500	51.9	-18.5	45.6	24.800	V
17526.000	51.9	-19.2	45.6	25.500	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2484.019	46.9	-38.9	27.7	58.100	H
17745.000	52.9	-18.5	45.6	25.800	V
17898.000	52.5	-18.5	45.6	25.400	V
17889.000	52.3	-18.5	45.6	25.200	V
17890.500	52.3	-18.5	45.6	25.200	H
17950.500	52.2	-17.7	45.6	24.300	V

802.11n-HT20

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2390.000	44.4	-38.8	27.7	55.500	V
17799.000	52.7	-18.5	45.6	25.600	V
17782.500	52.4	-18.5	45.6	25.300	H
17790.000	52.2	-18.5	45.6	25.100	H
17613.000	52.1	-18.9	45.6	25.400	V
17776.500	52.0	-18.5	45.6	24.900	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17842.500	52.5	-18.5	45.6	25.400	H
17824.500	52.2	-18.5	45.6	25.100	H
17799.000	51.9	-18.5	45.6	24.800	V
17896.500	51.8	-18.5	45.6	24.700	V
17872.500	51.7	-18.5	45.6	24.600	V
17991.000	51.7	-17.7	45.6	23.800	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2483.500	44.9	-38.9	27.7	56.100	V
17556.000	52.5	-19.2	45.6	26.100	H
17649.000	52.4	-18.9	45.6	25.700	V
17934.000	52.2	-17.7	45.6	24.300	H
17755.500	52.2	-18.5	45.6	25.100	H
17865.000	52.2	-18.5	45.6	25.100	V

802.11n-HT40

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2389.513	46.6	-38.8	27.7	57.700	V
17937.000	52.7	-17.7	45.6	24.800	H
17670.000	52.4	-18.9	45.6	25.700	H
17997.000	52.4	-17.7	45.6	24.500	V
17799.000	52.1	-18.5	45.6	25.000	V
17737.500	52.0	-18.5	45.6	24.900	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17829.000	53.3	-18.5	45.6	26.200	V
17823.000	53.1	-18.5	45.6	26.000	V
17674.500	53.1	-18.9	45.6	26.400	V
17863.500	53.1	-18.5	45.6	26.000	H
17944.500	52.9	-17.7	45.6	25.000	H
17826.000	52.4	-18.5	45.6	25.300	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2484.481	47.3	-38.9	27.7	58.500	V
17938.500	53.8	-17.7	45.6	25.900	V
17802.000	52.9	-18.5	45.6	25.800	V
17935.500	52.8	-17.7	45.6	24.900	V
17830.500	52.7	-18.5	45.6	25.600	V
17841.000	52.6	-18.5	45.6	25.500	H

Test graphs as below:

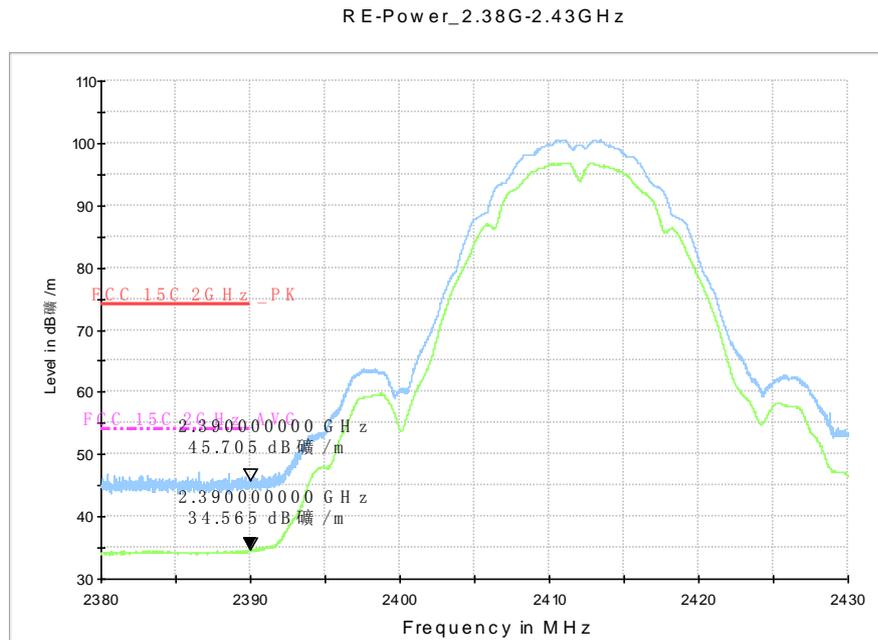


Fig.A.7.2.1 Radiated Spurious Emission (Power): 802.11b, ch1, 2.38 GHz – 2.45GHz

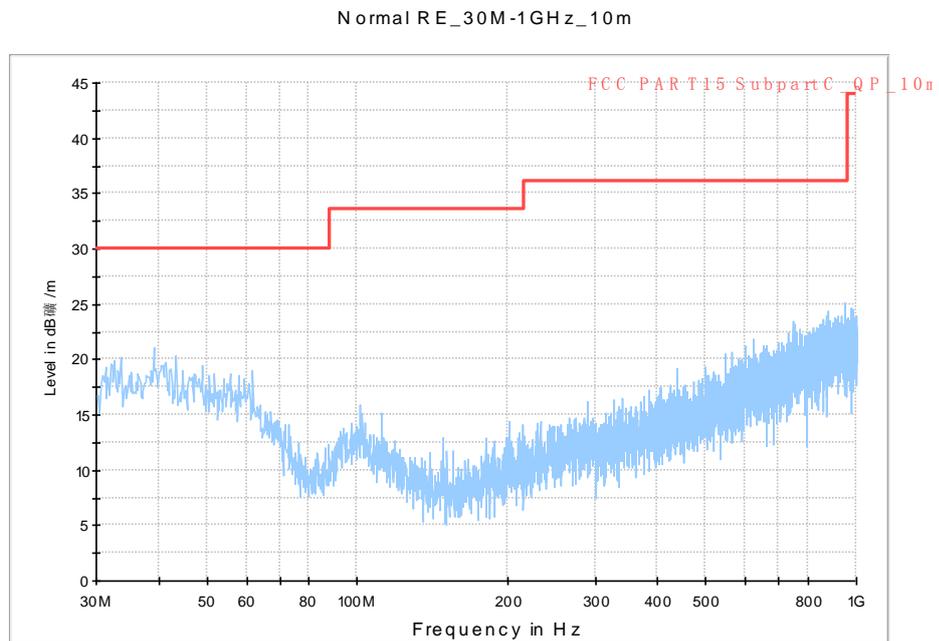


Fig.A.7.2.2 Radiated Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)

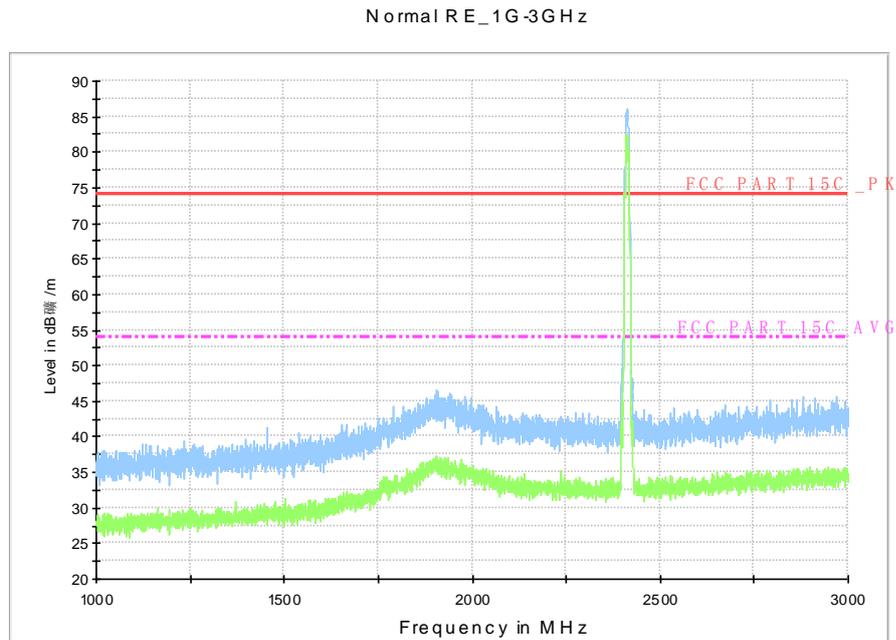


Fig.A.7.2.3 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-3 GHz)

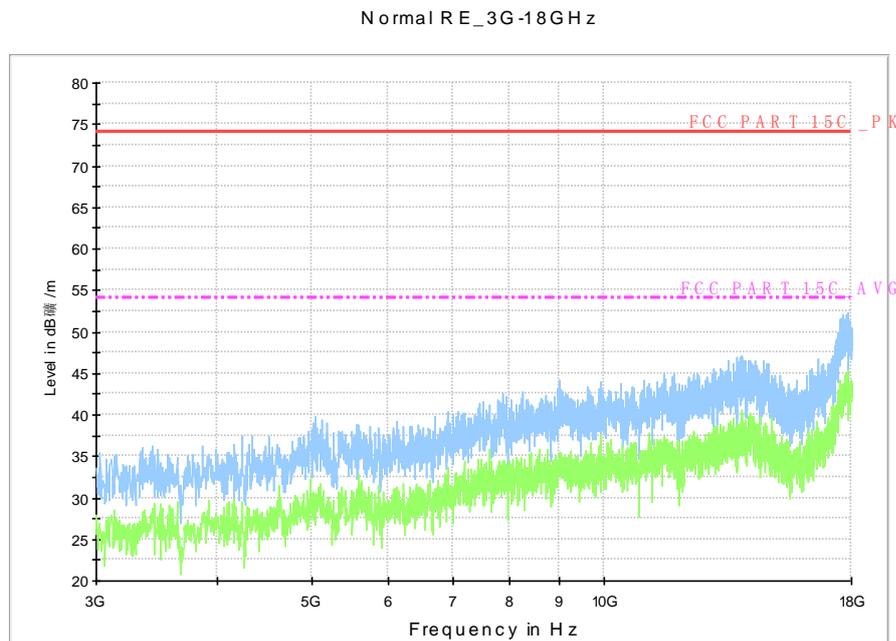


Fig.A.7.2.4 Radiated Spurious Emission (802.11b, Ch1, 3 GHz-18 GHz)

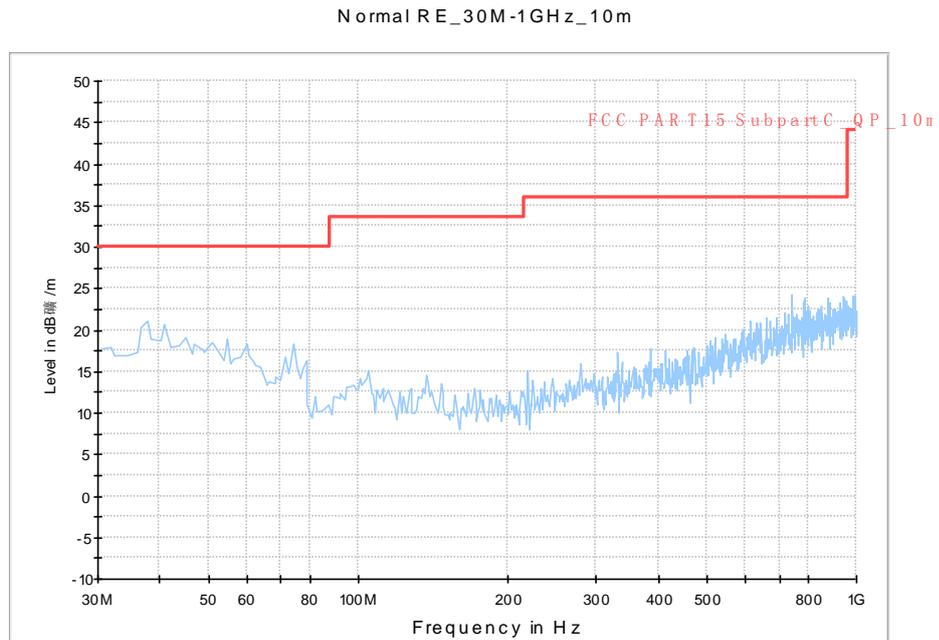


Fig.A.7.2.5 Radiated Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)

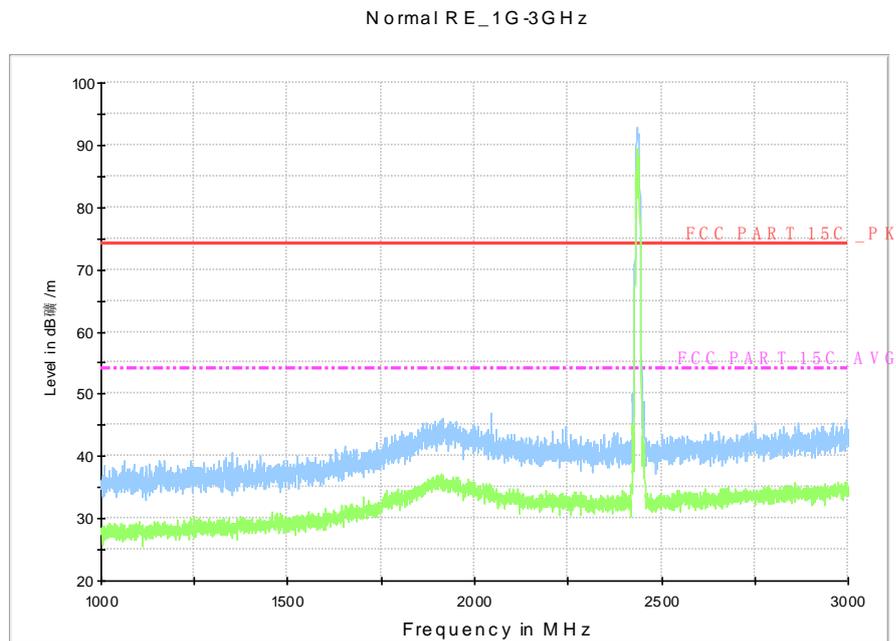


Fig.A.7.2.6 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-3 GHz)

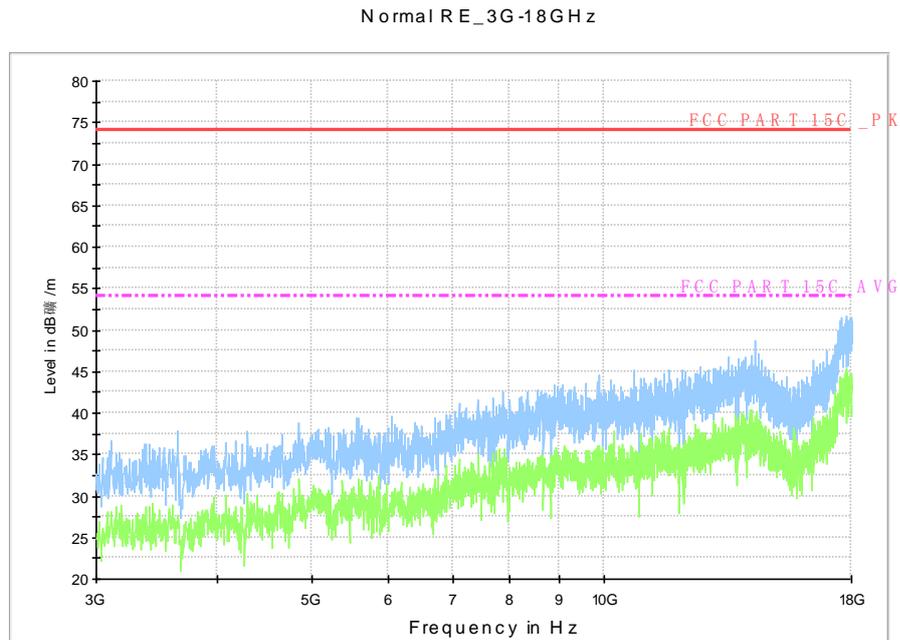


Fig.A.7.2.7 Radiated Spurious Emission (802.11b, Ch6, 3 GHz-18 GHz)

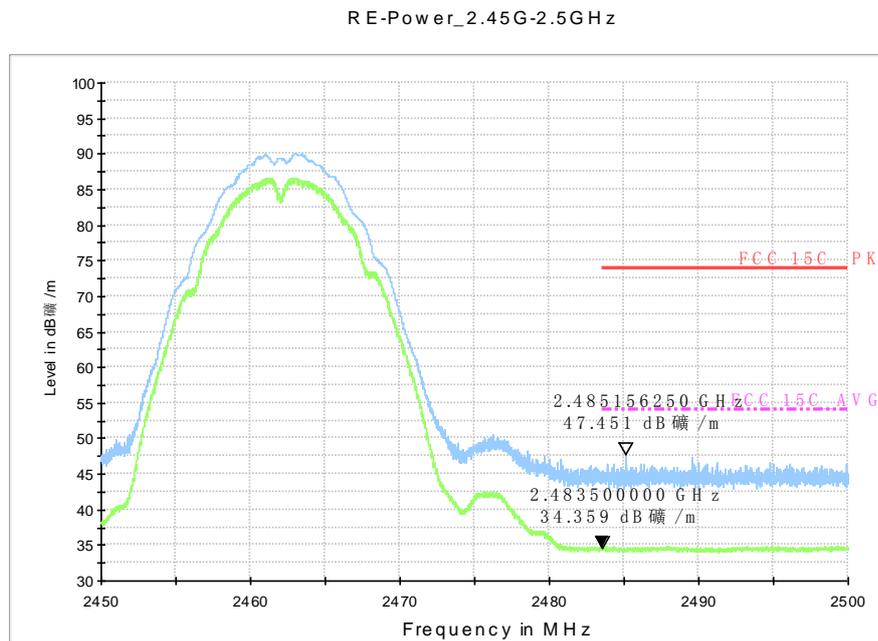


Fig.A.7.2.8 Radiated Spurious Emission (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

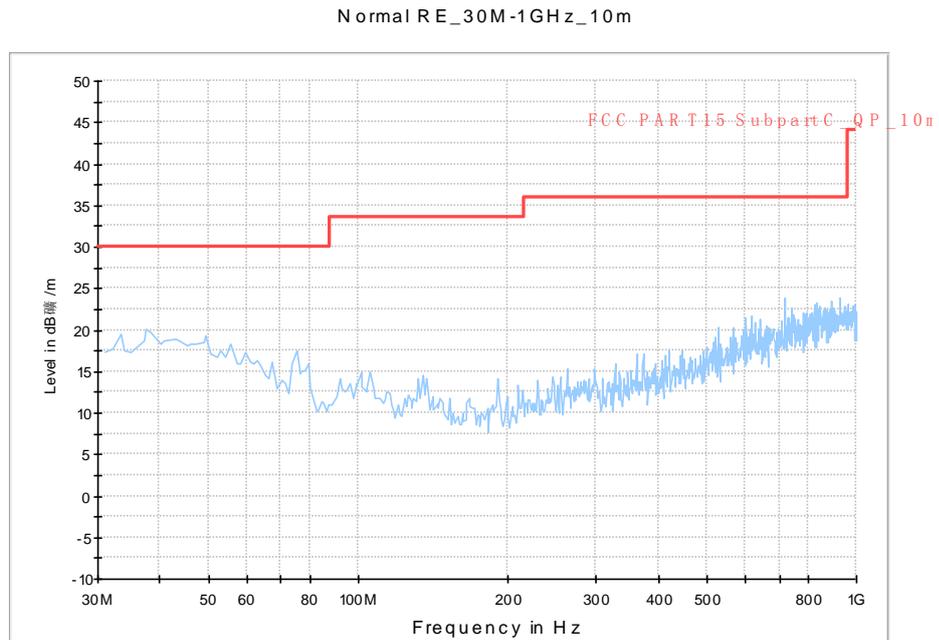


Fig.A.7.2.9 Radiated Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)

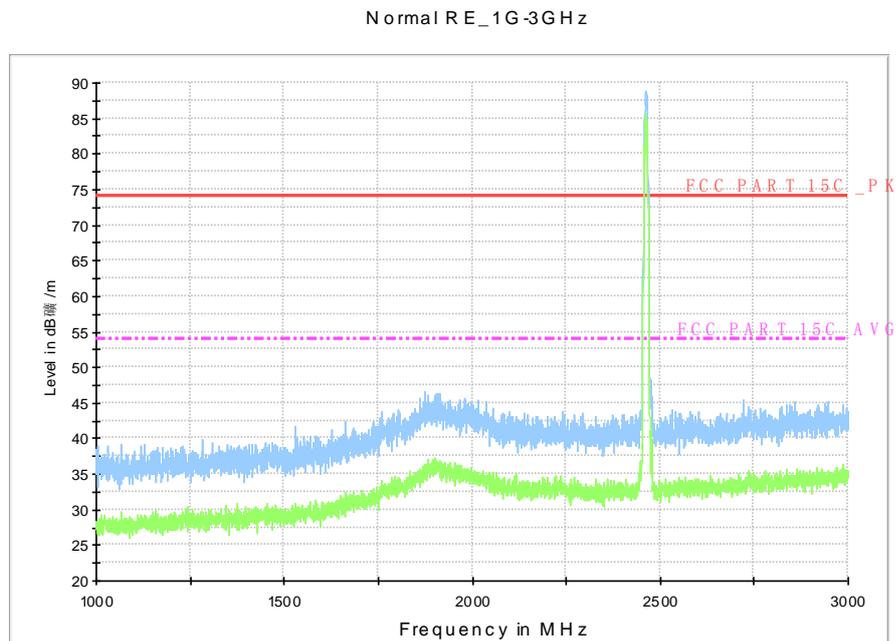


Fig.A.7.2.10 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-3 GHz)

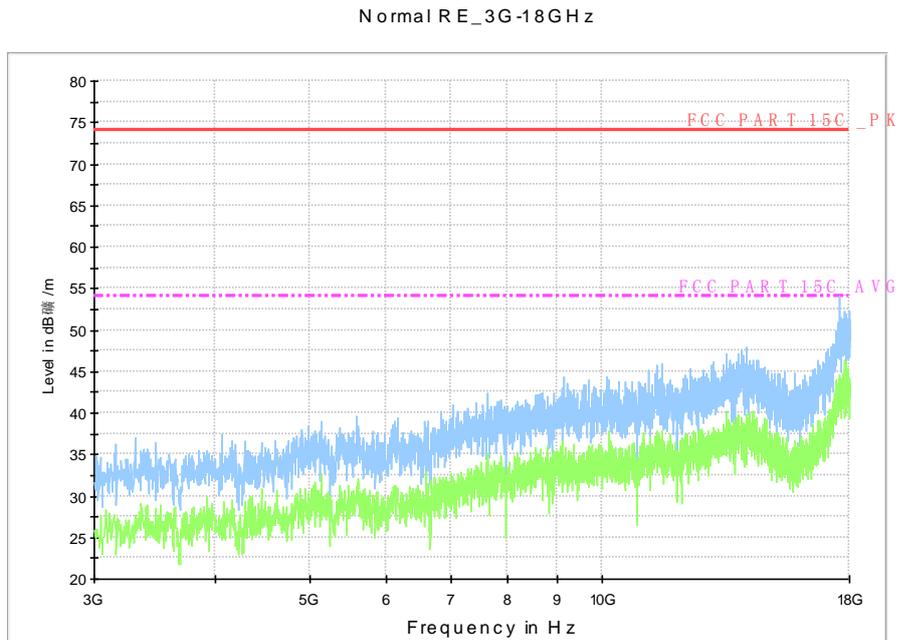


Fig.A.7.2.11 Radiated Spurious Emission (802.11b, Ch11, 3 GHz-18 GHz)

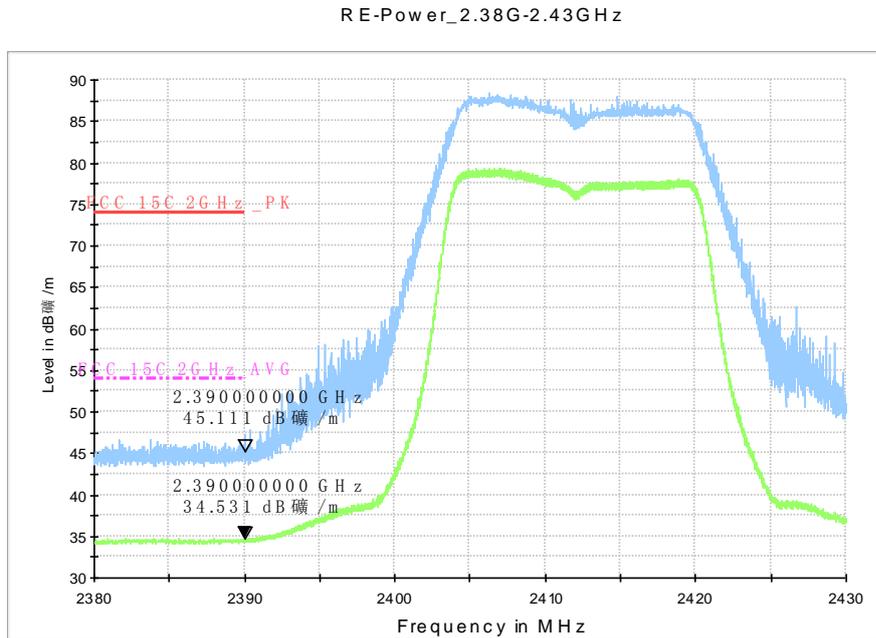


Fig.A.7.2.12 Radiated Spurious Emission (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz

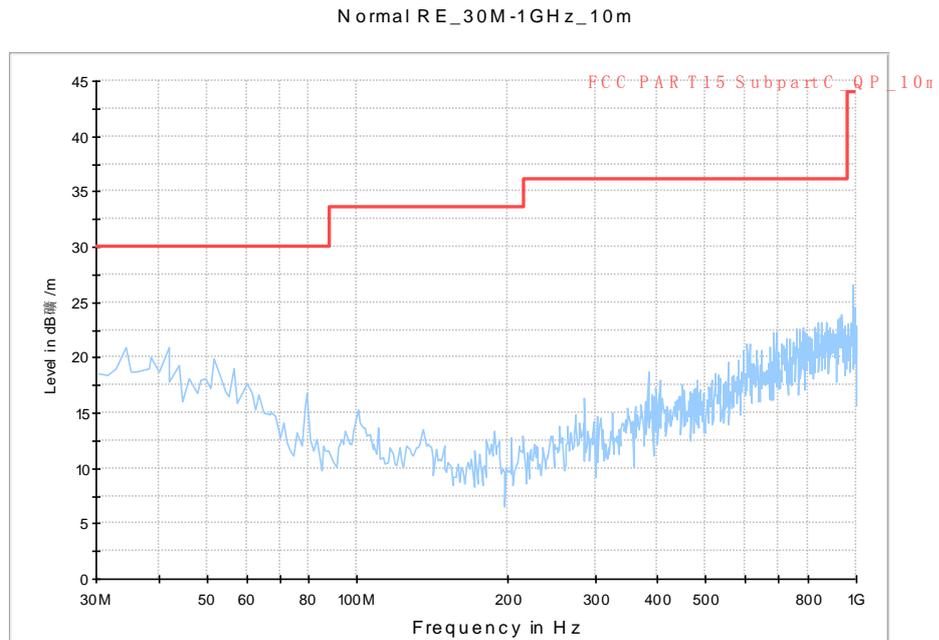


Fig.A.7.2.13 Radiated Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)

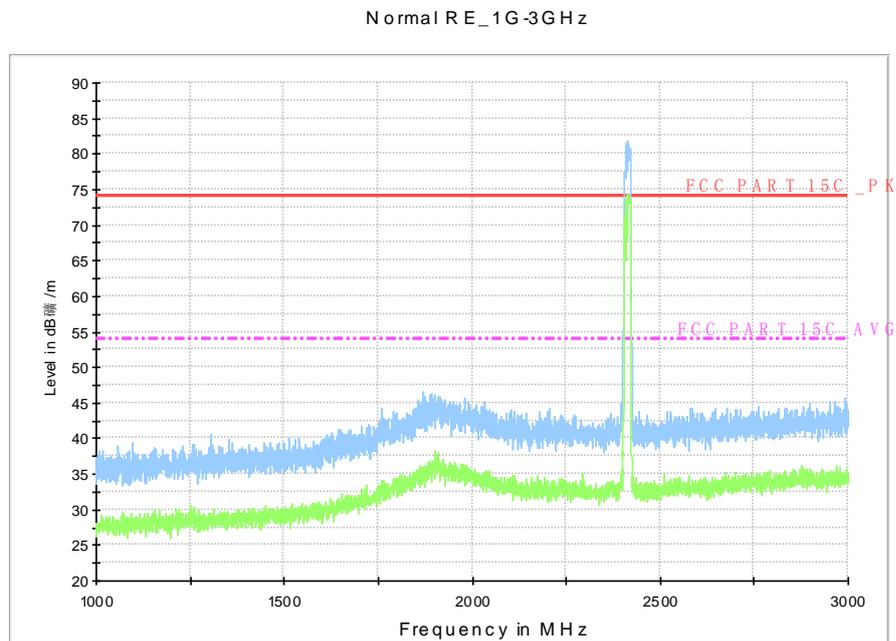


Fig.A.7.2.14 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-3 GHz)

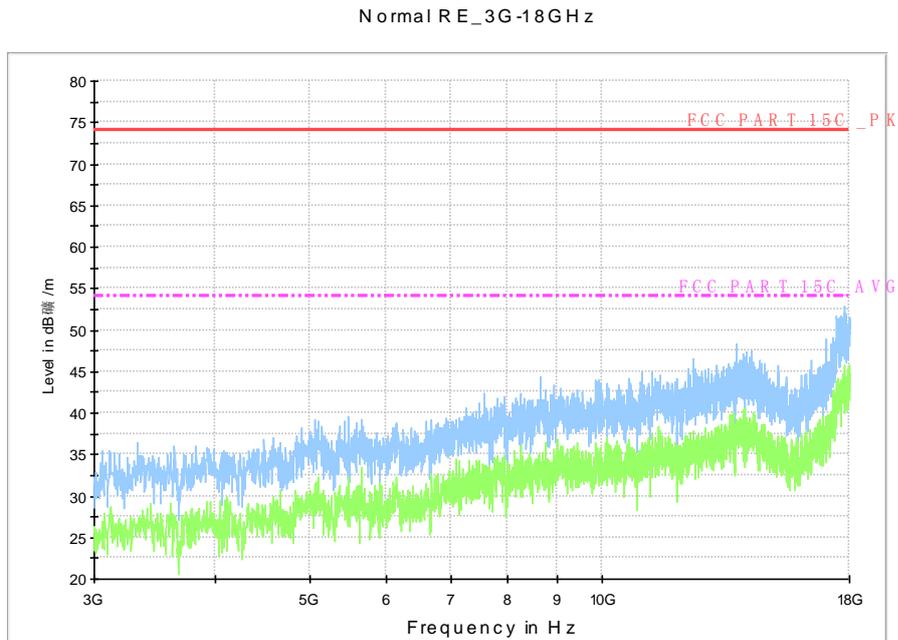


Fig.A.7.2.15 Radiated Spurious Emission (802.11g, Ch1, 3 GHz-18 GHz)

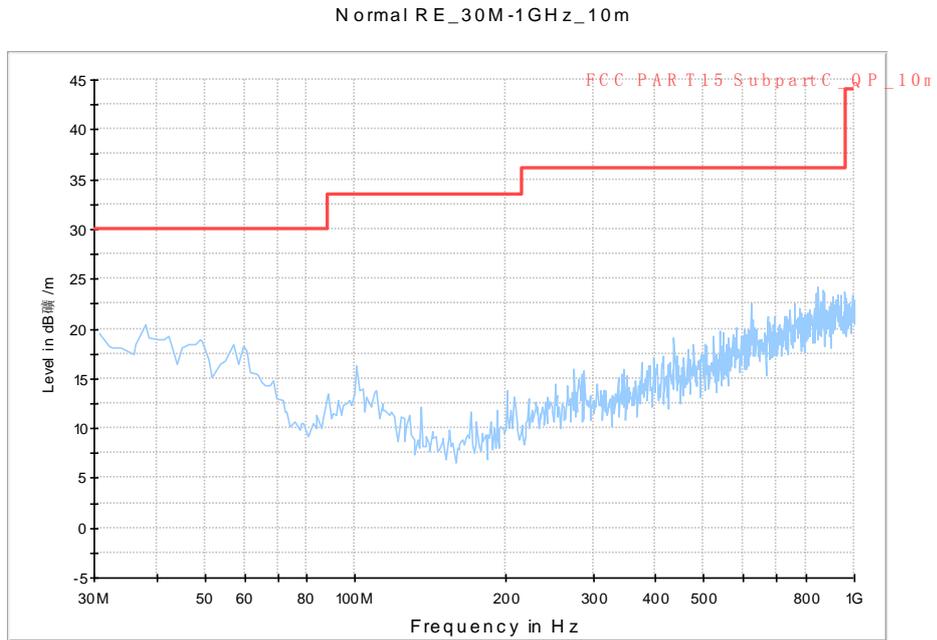


Fig.A.7.2.16 Radiated Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)

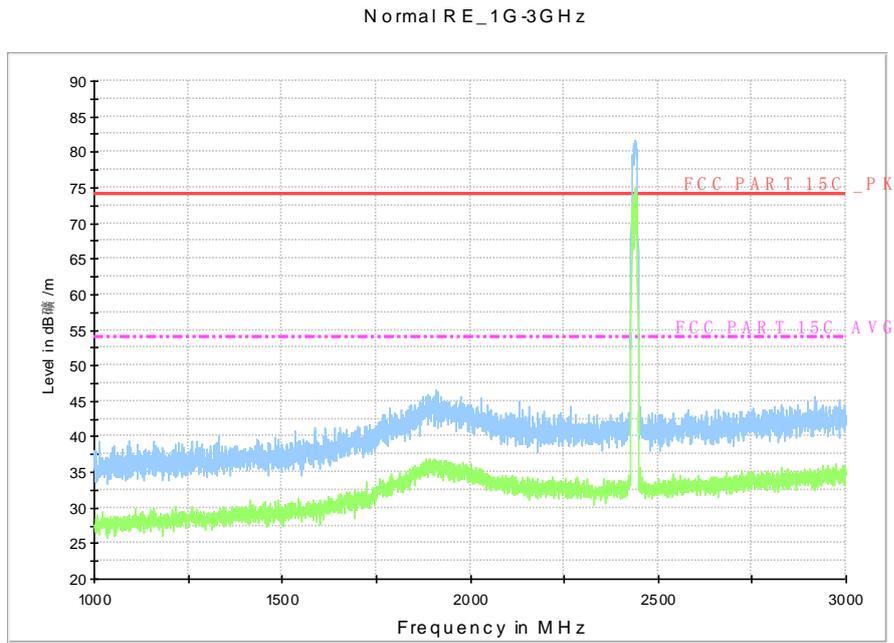


Fig.A.7.2.17 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-3 GHz)

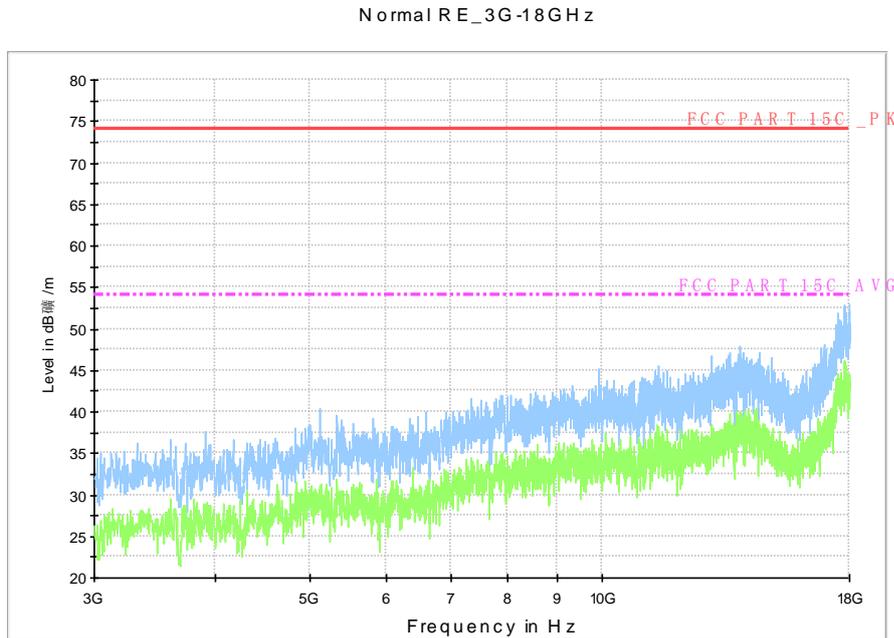


Fig.A.7.2.18 Radiated Spurious Emission (802.11g, Ch6, 3 GHz-18 GHz)

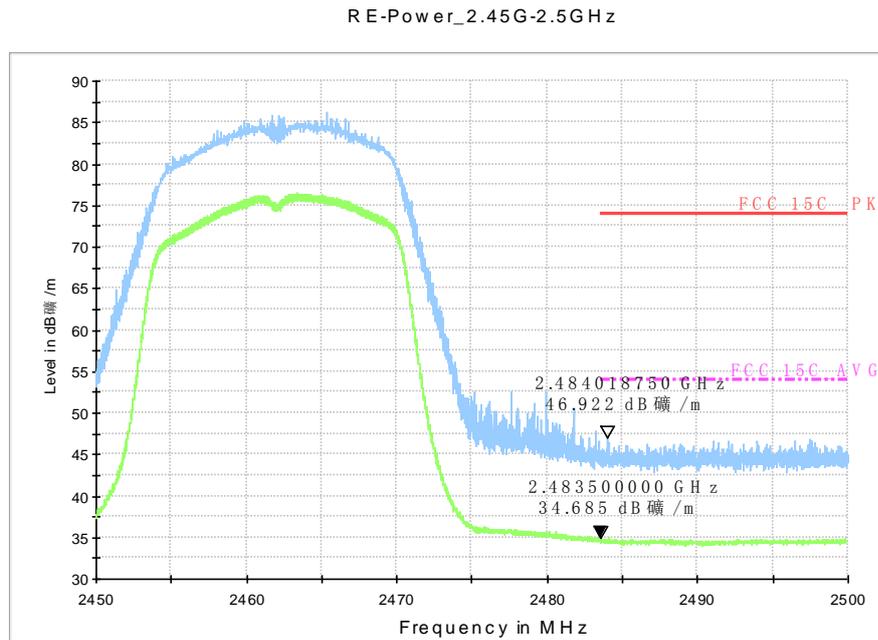


Fig.A.7.2.19 Radiated Spurious Emission (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

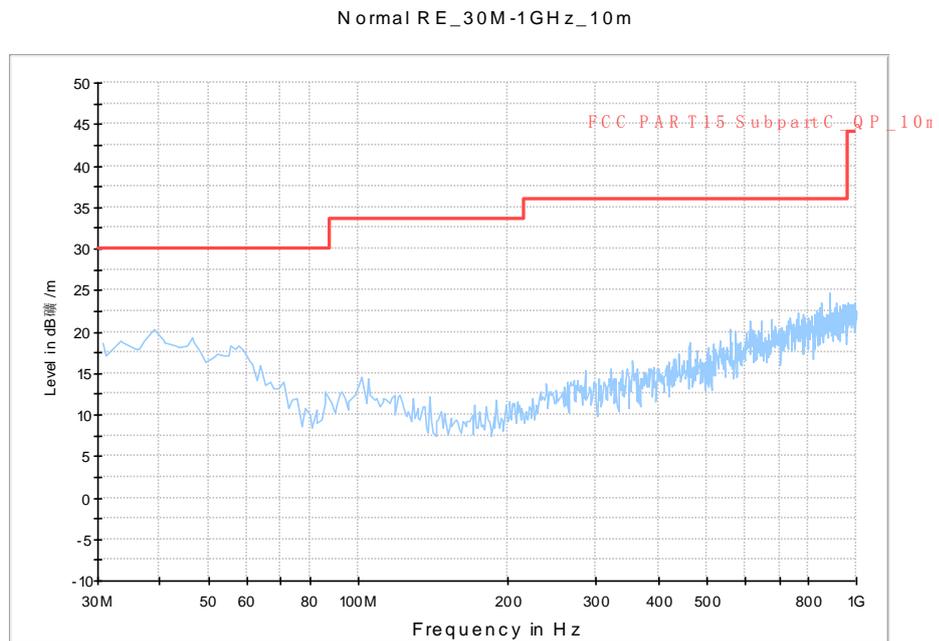


Fig.A.7.2.20 Radiated Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)

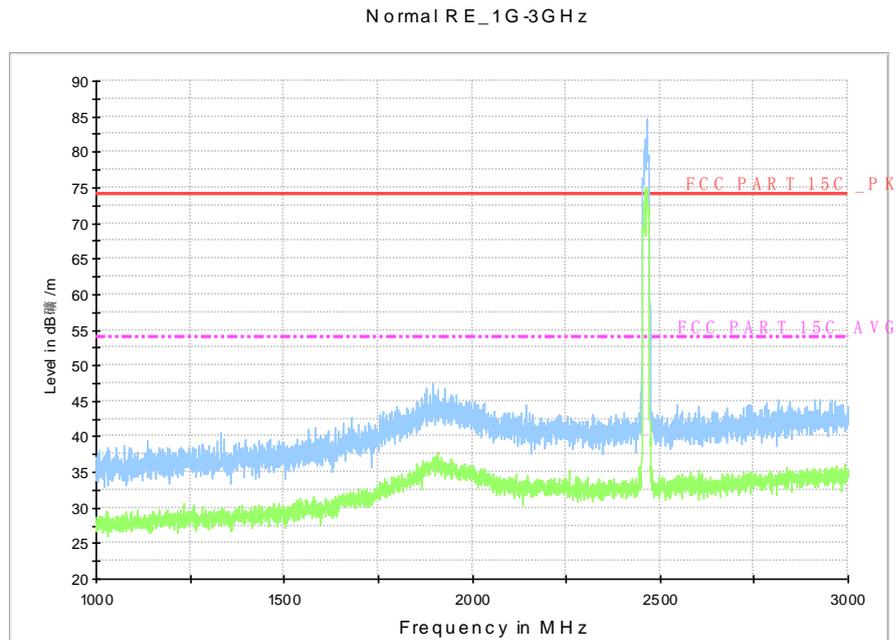


Fig.A.7.2.21 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-3 GHz)

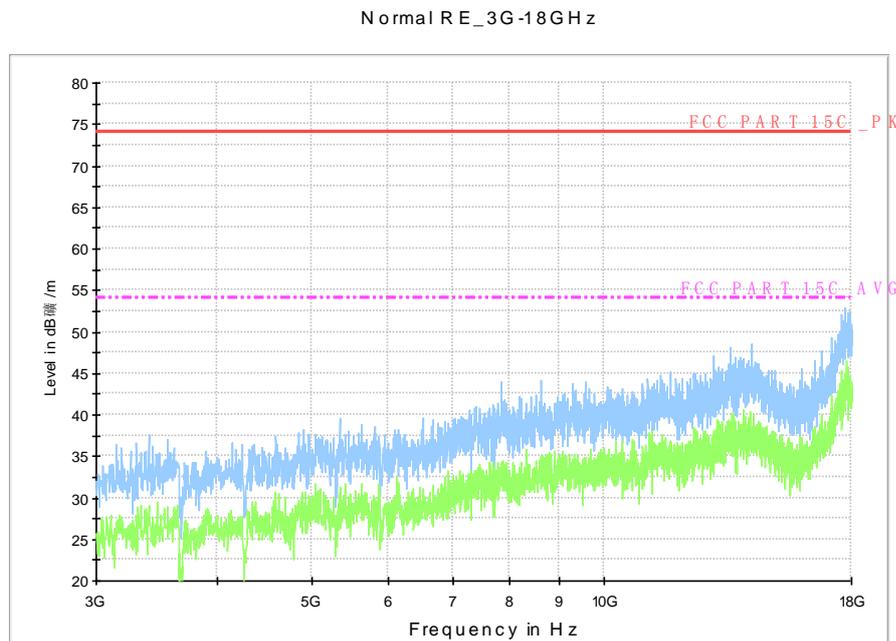


Fig.A.7.2.22 Radiated Spurious Emission (802.11g, Ch11, 3 GHz-18 GHz)

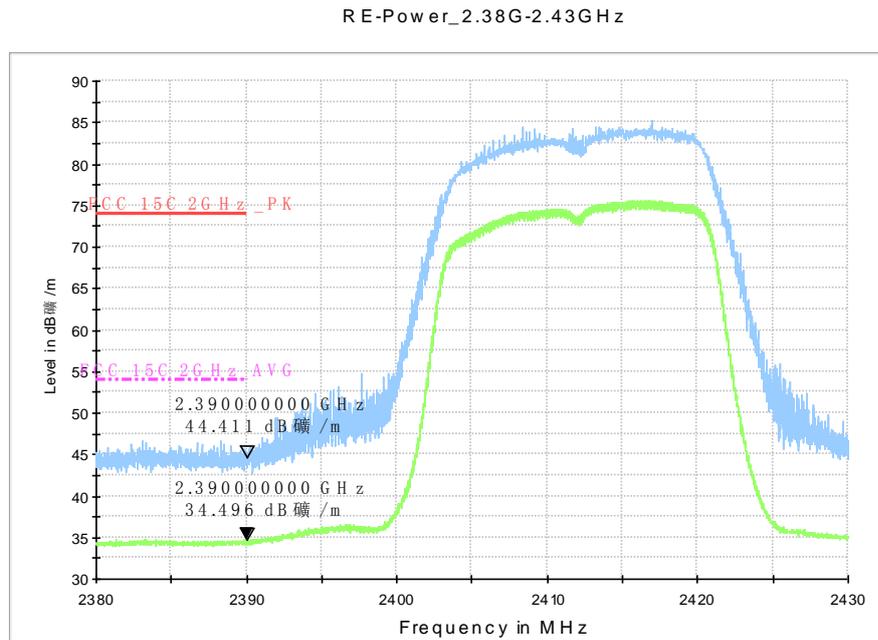


Fig.A.7.2.23 Radiated Spurious Emission (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.45GHz

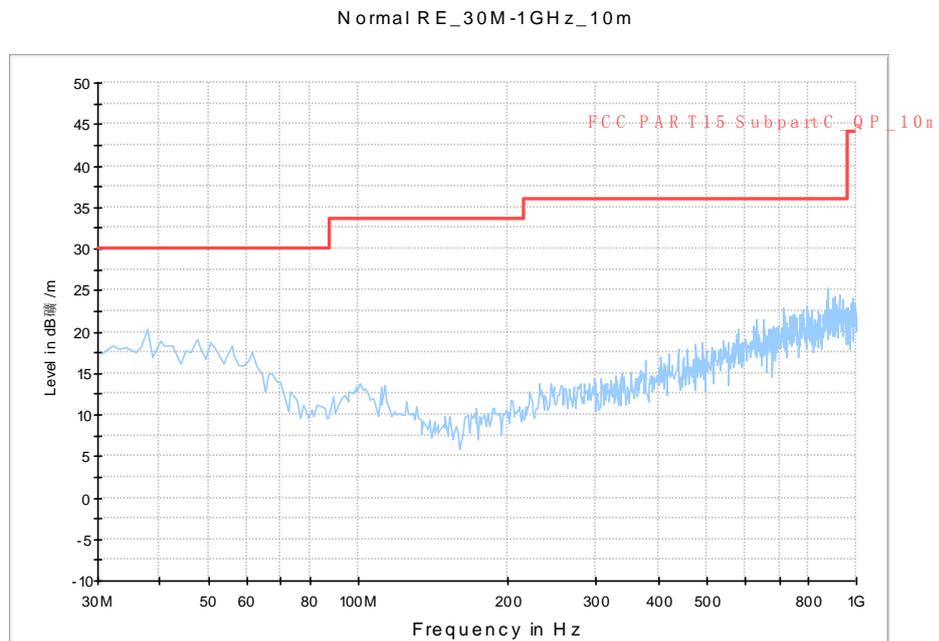


Fig.A.7.2.24 Radiated Spurious Emission (802.11n-HT20, Ch1, 30 MHz-1 GHz)

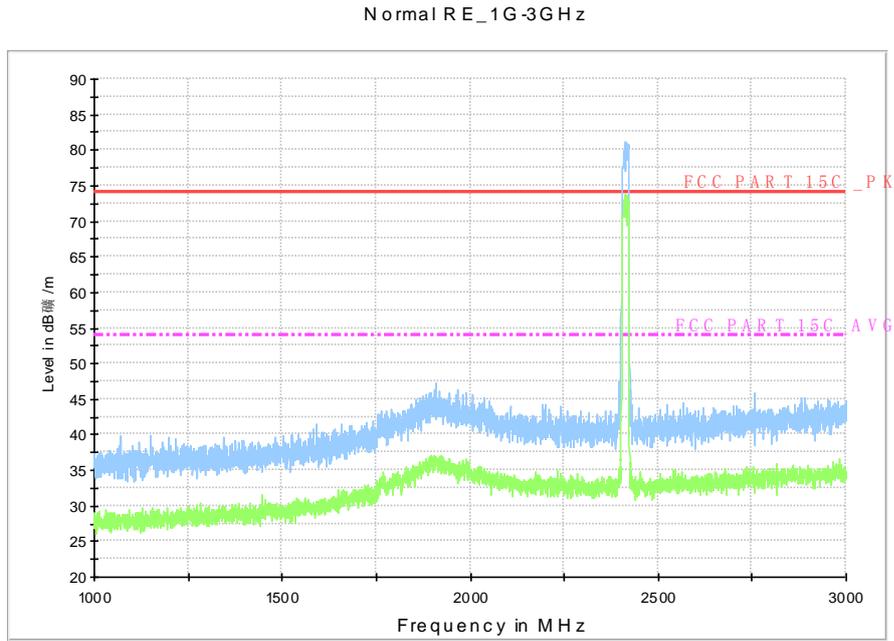


Fig.A.7.2.25 Radiated Spurious Emission (802.11n-HT20, Ch1, 1 GHz-3 GHz)

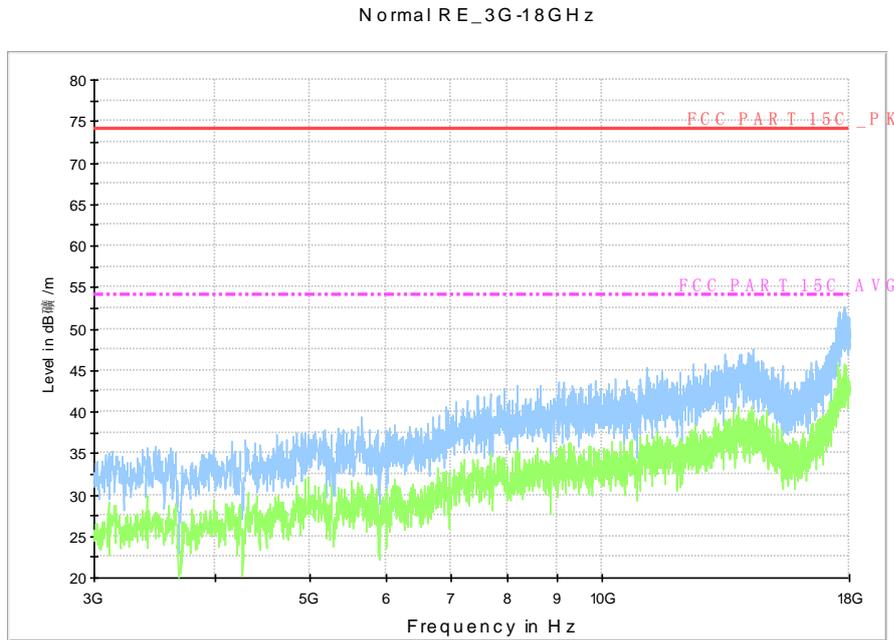


Fig.A.7.2.26 Radiated Spurious Emission (802.11n-HT20, Ch1, 3 GHz-18 GHz)

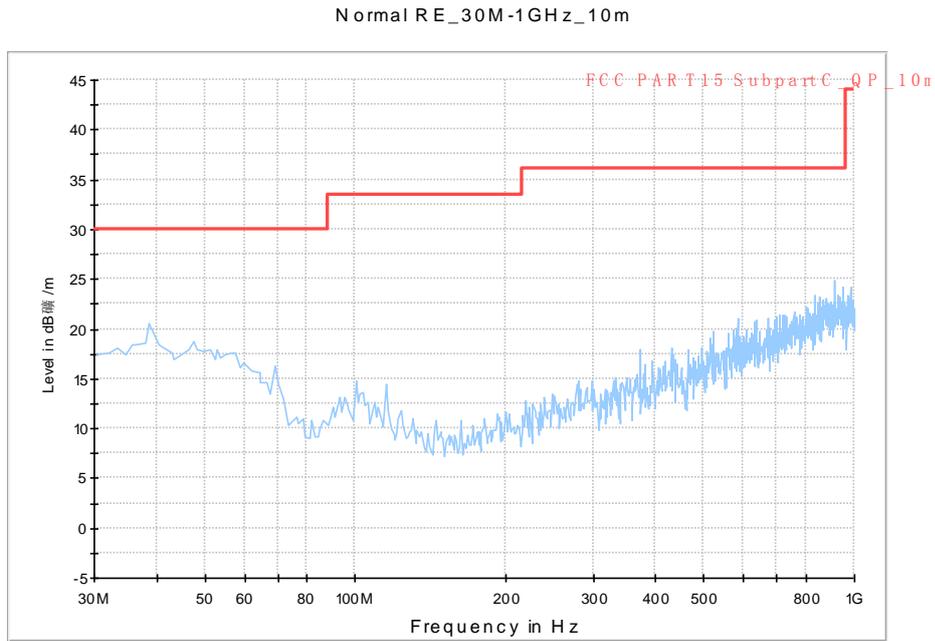


Fig.A.7.2.27 Radiated Spurious Emission (802.11n-HT20, Ch6, 30 MHz-1 GHz)

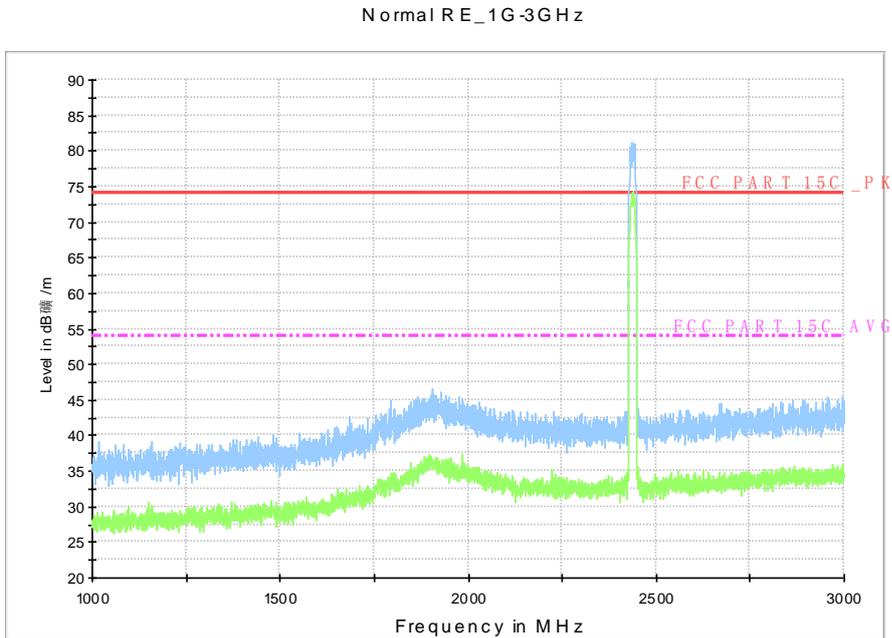


Fig.A.7.2.28 Radiated Spurious Emission (802.11n-HT20, Ch6, 1 GHz-3 GHz)

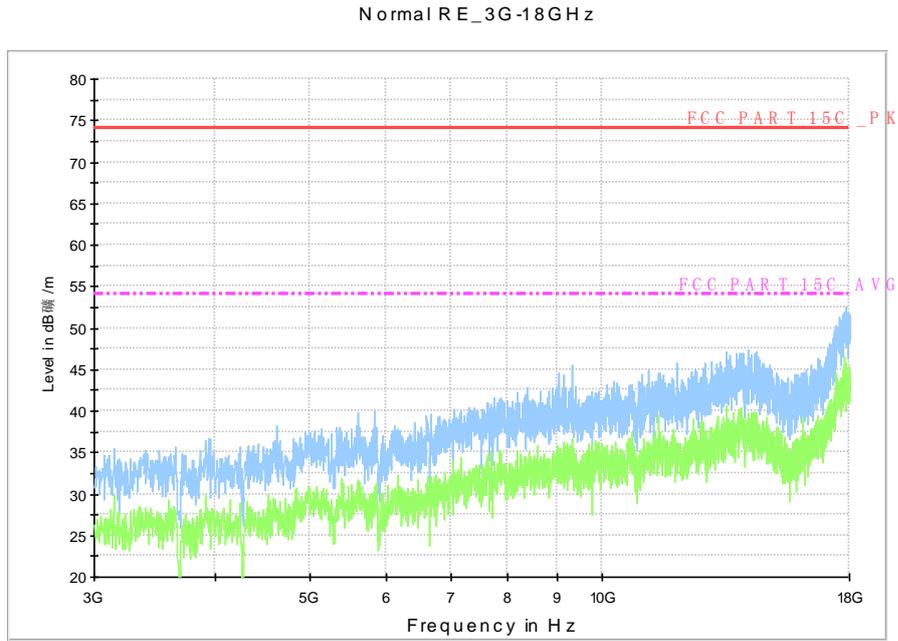


Fig.A.7.2.29 Radiated Spurious Emission (802.11n-HT20, Ch6, 3 GHz-18 GHz)

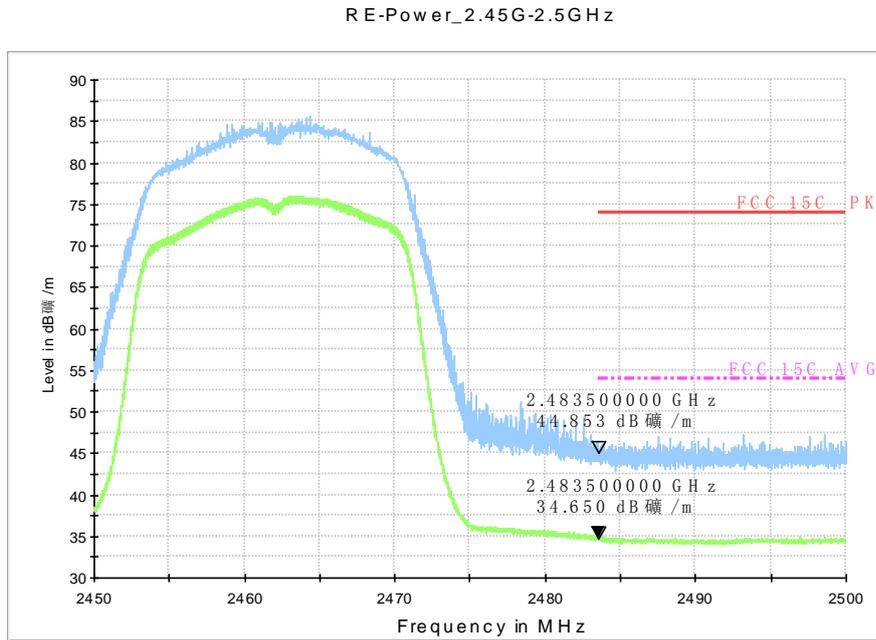


Fig.A.7.2.30 Radiated Spurious Emission (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

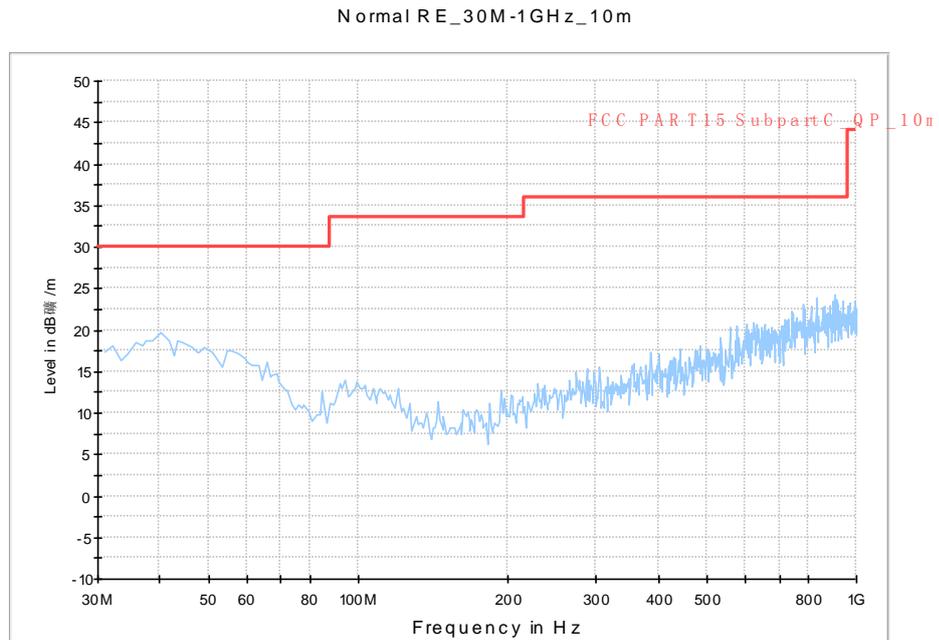


Fig.A.7.2.31 Radiated Spurious Emission (802.11n-HT20, Ch11, 30 MHz-1 GHz)

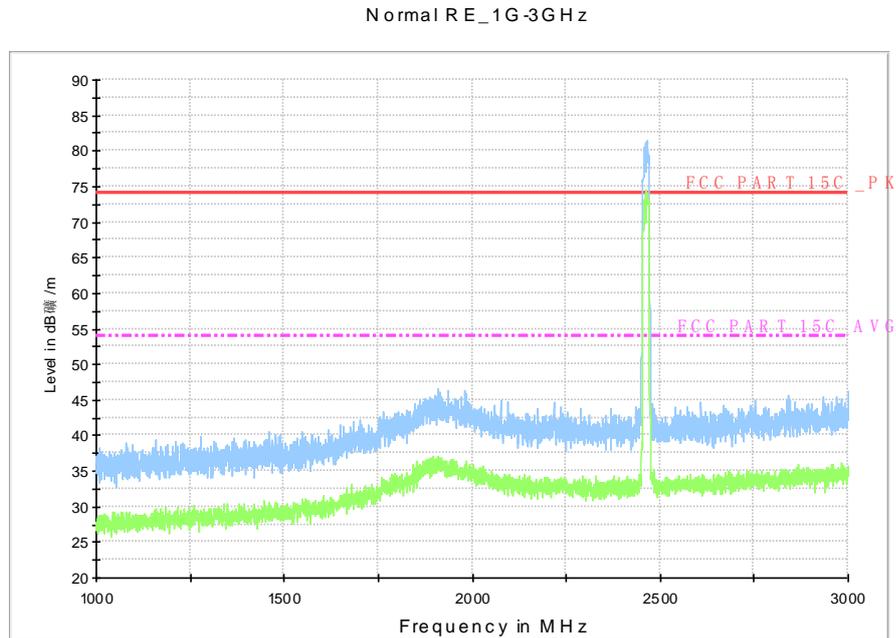


Fig.A.7.2.32 Radiated Spurious Emission (802.11n-HT20, Ch11, 1 GHz-3 GHz)

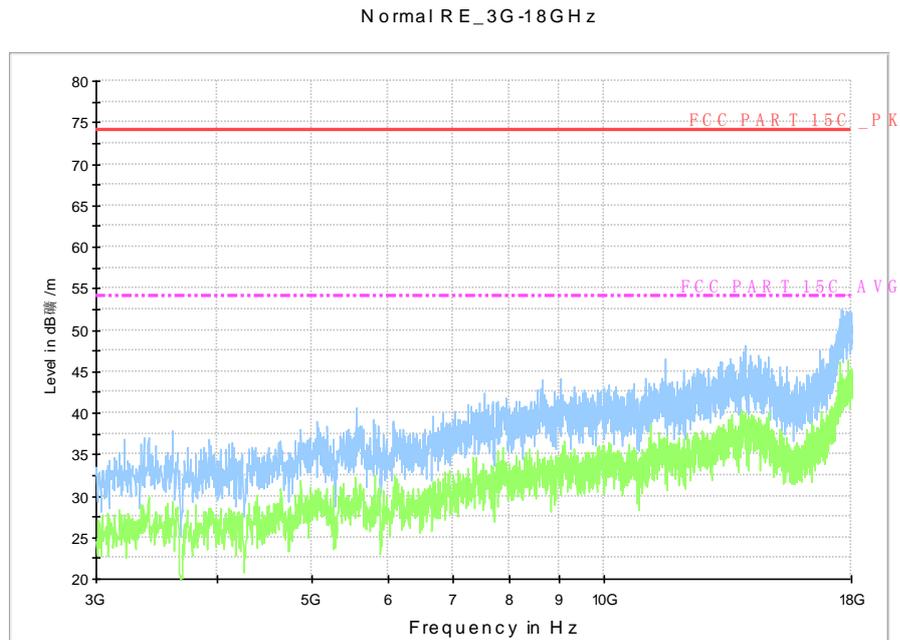


Fig.A.7.2.33 Radiated Spurious Emission (802.11n-HT20, Ch11, 3 GHz-18 GHz)

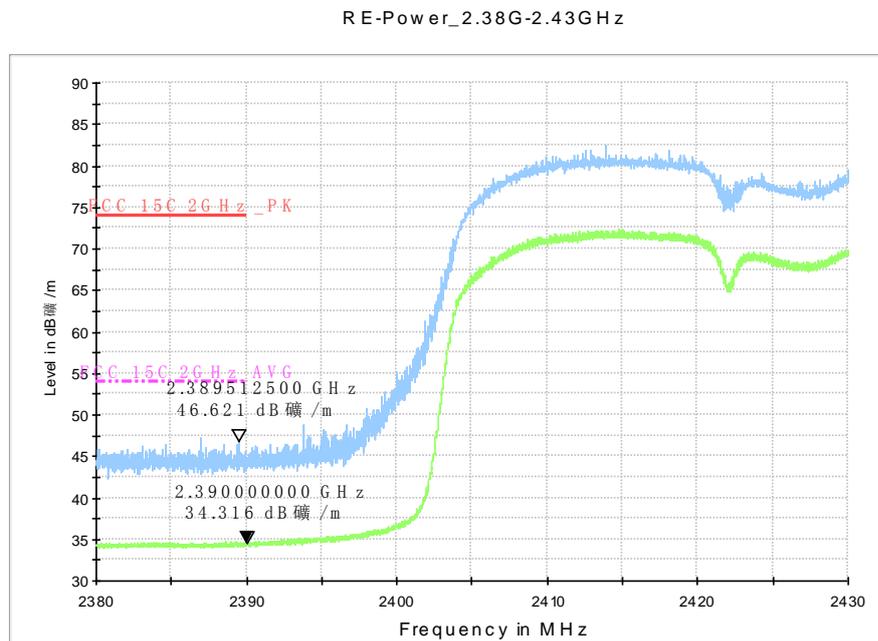


Fig.A.7.2.34 Radiated Spurious Emission (Power): 802.11n-HT40, ch3, 2.38 GHz - 2.45GHz

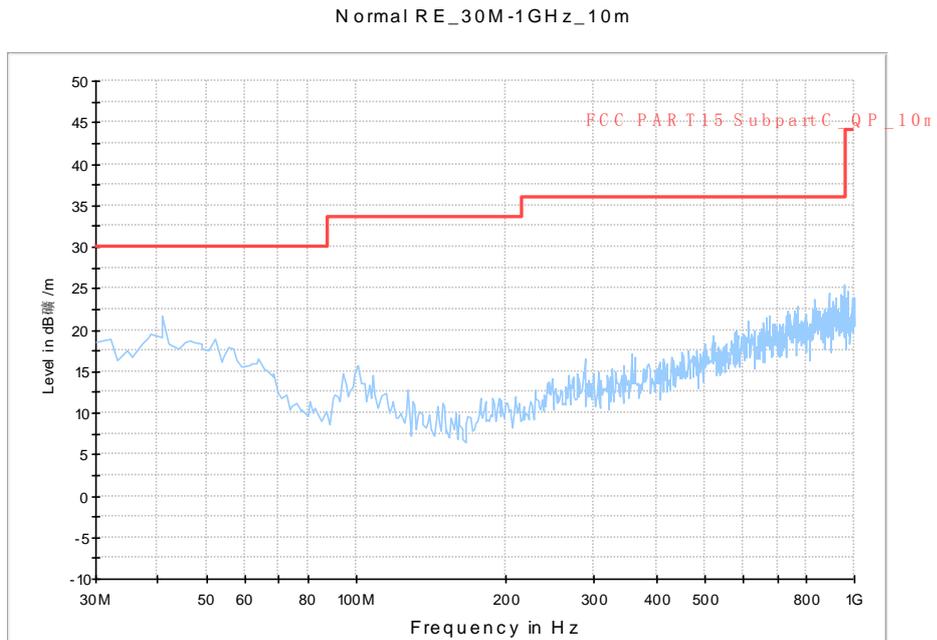


Fig.A.7.2.35 Radiated Spurious Emission (802.11n-HT40, ch3, 30 MHz-1 GHz)

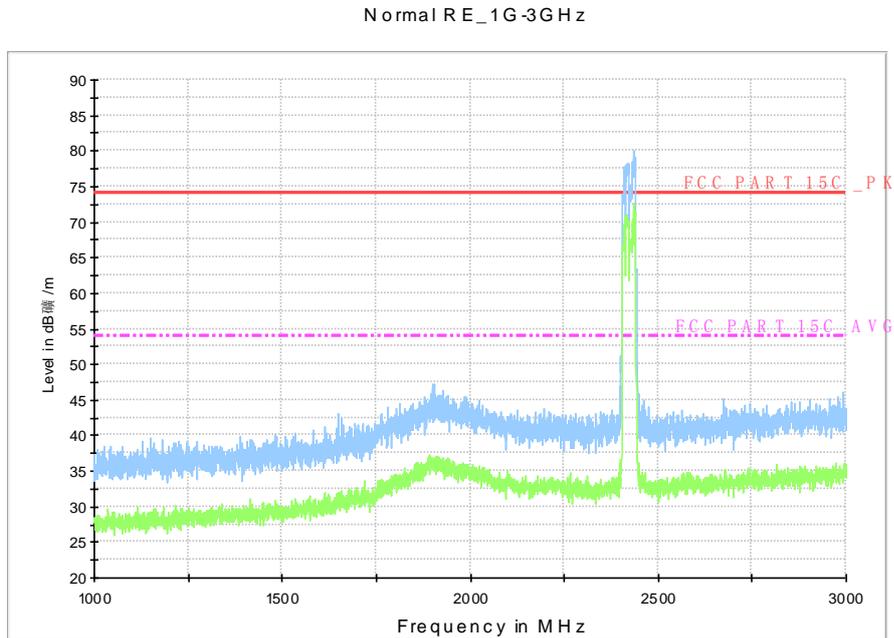


Fig.A.7.2.36 Radiated Spurious Emission (802.11n-HT40, ch3, 1 GHz-3 GHz)

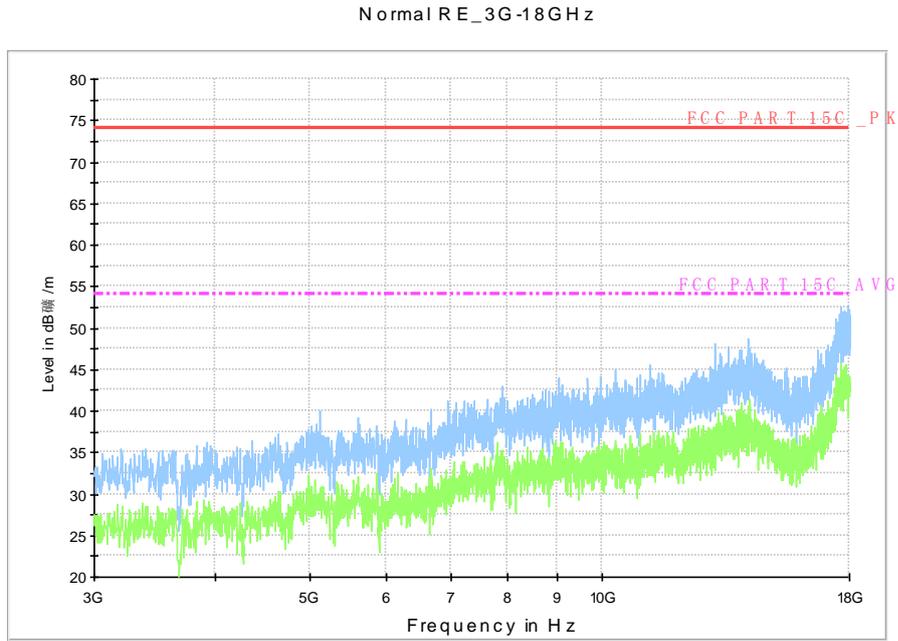


Fig.A.7.2.37 Radiated Spurious Emission (802.11n-HT40, ch3, 3 GHz-18 GHz)

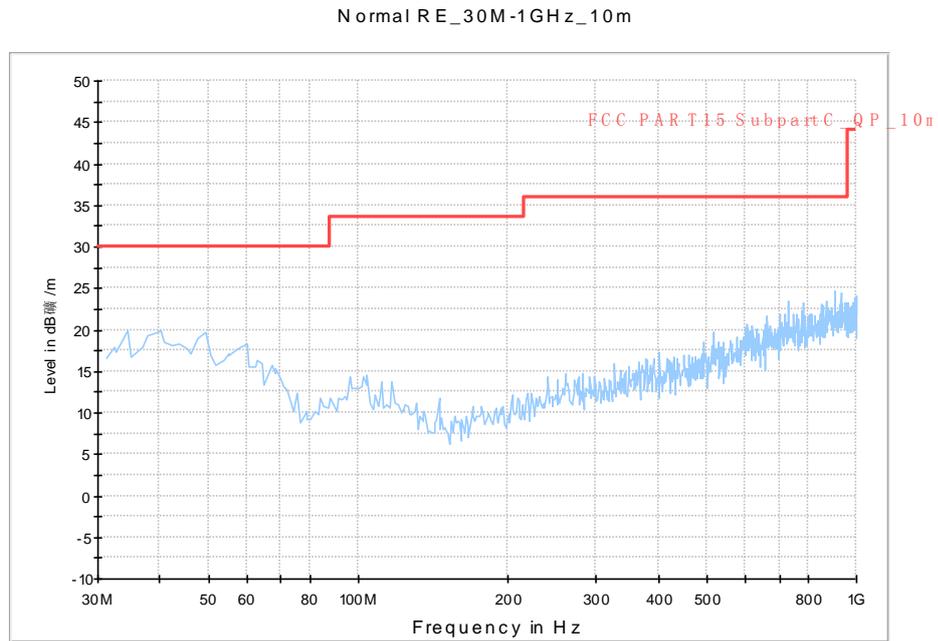


Fig.A.7.2.38 Radiated Spurious Emission (802.11n-HT40, Ch6, 30 MHz-1 GHz)

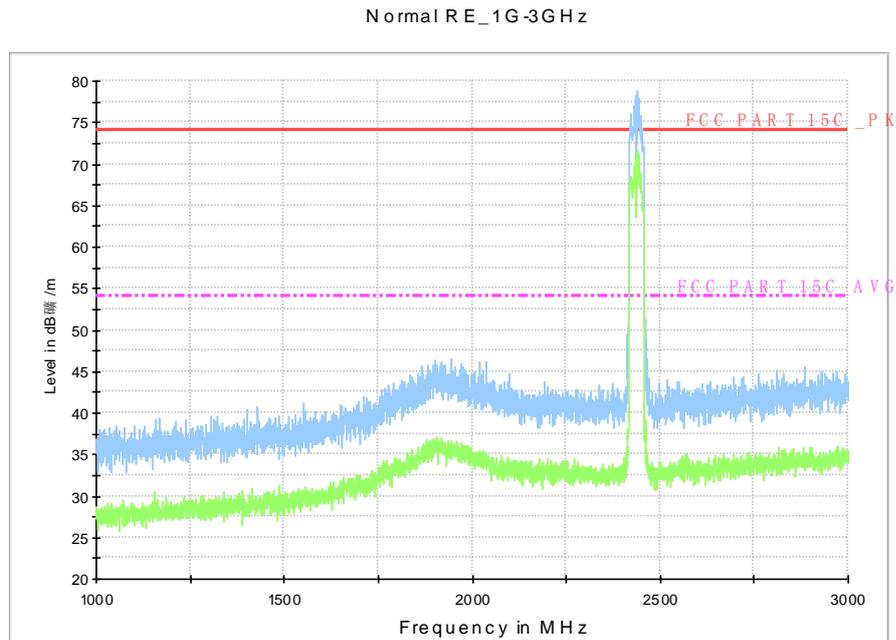


Fig.A.7.2.39 Radiated Spurious Emission (802.11n-HT40, Ch6, 1 GHz-3 GHz)

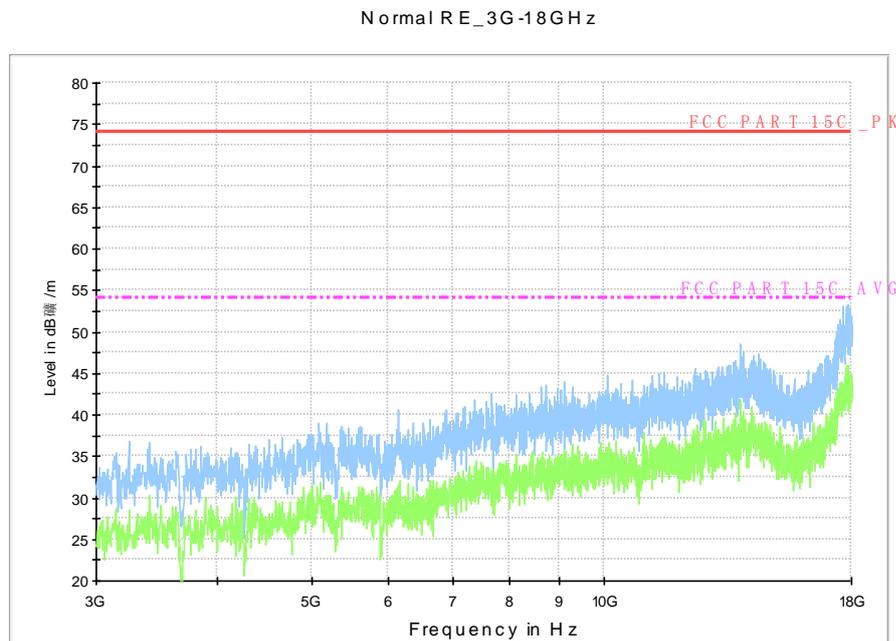


Fig.A.7.2.40 Radiated Spurious Emission (802.11n-HT40, Ch6, 3 GHz-18 GHz)

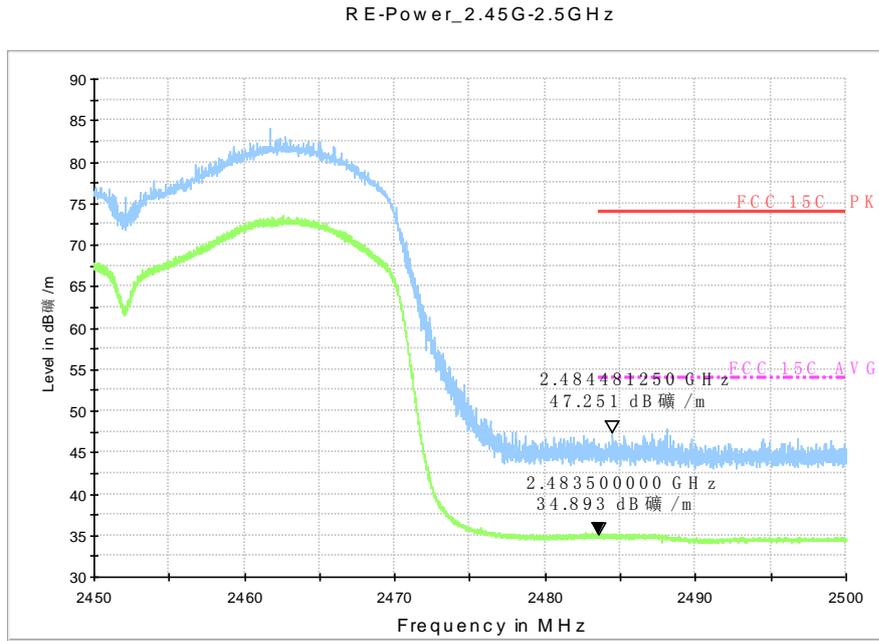


Fig.A.7.2.41 Radiated Spurious Emission (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

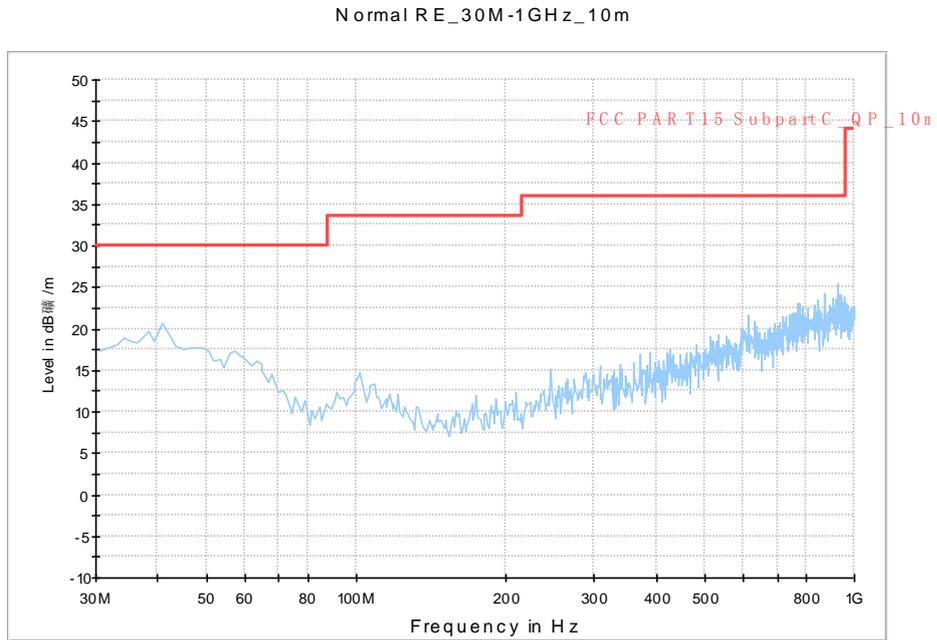


Fig.A.7.2.42 Radiated Spurious Emission (802.11n-HT40, ch9, 30 MHz-1 GHz)

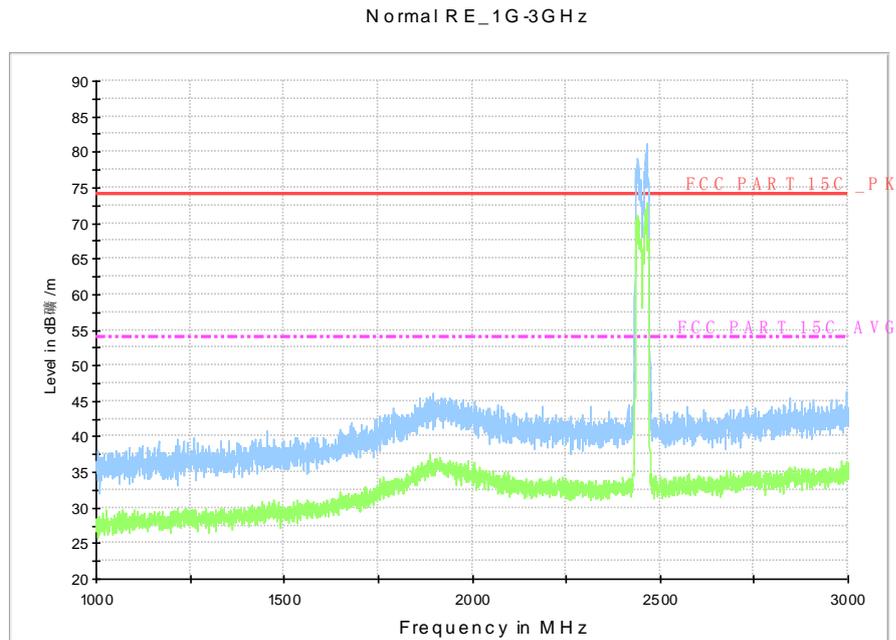


Fig.A.7.2.43 Radiated Spurious Emission (802.11n-HT40, ch9, 1 GHz-3 GHz)

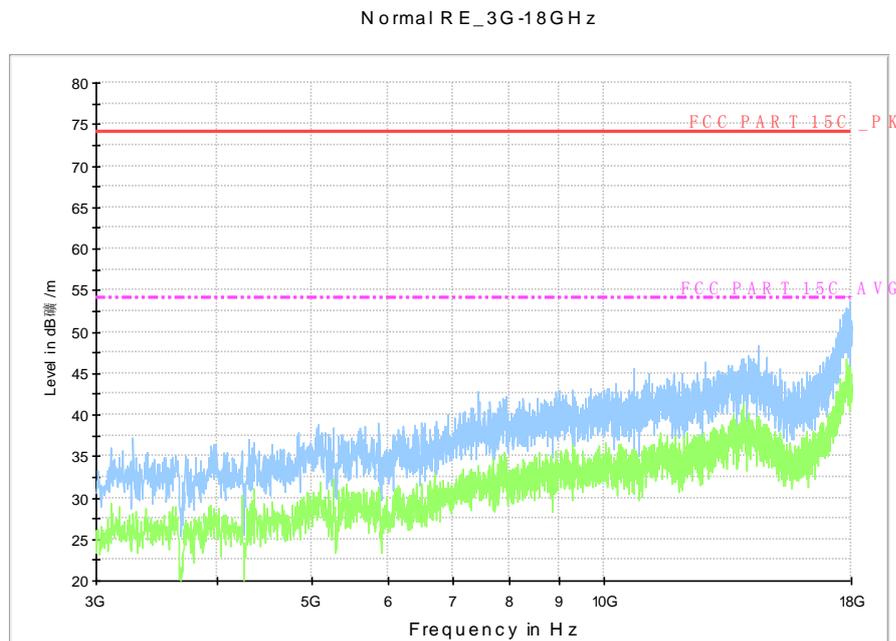


Fig.A.7.2.44 Radiated Spurious Emission (802.11n-HT40, ch9, 3 GHz-18 GHz)

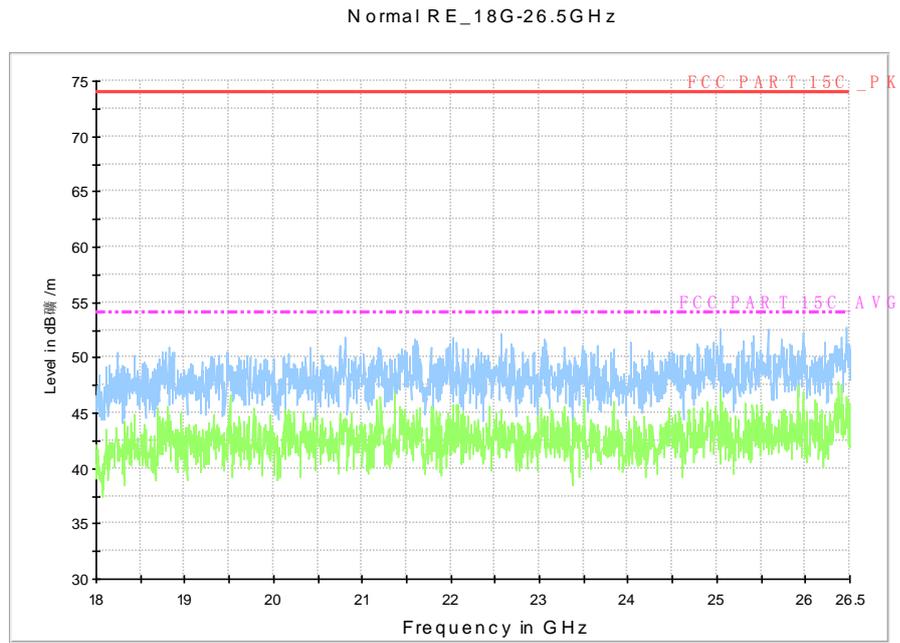


Fig.A.7.2.45 Radiated Spurious Emission (All channels): 18GHz – 26.5GHz

A.8. Spurious Emissions Radiated < 30MHz

Measurement Limit:

Frequency (MHz)	Field strength(dBμV/m)	Measurement distance
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

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)).

Measurement Results:

Mode	Frequency Range	Test Results	Conclusion
802.11b	9 kHz ~30 MHz	Fig.A.8.1	P

Conclusion: PASS

Test graphs as below:

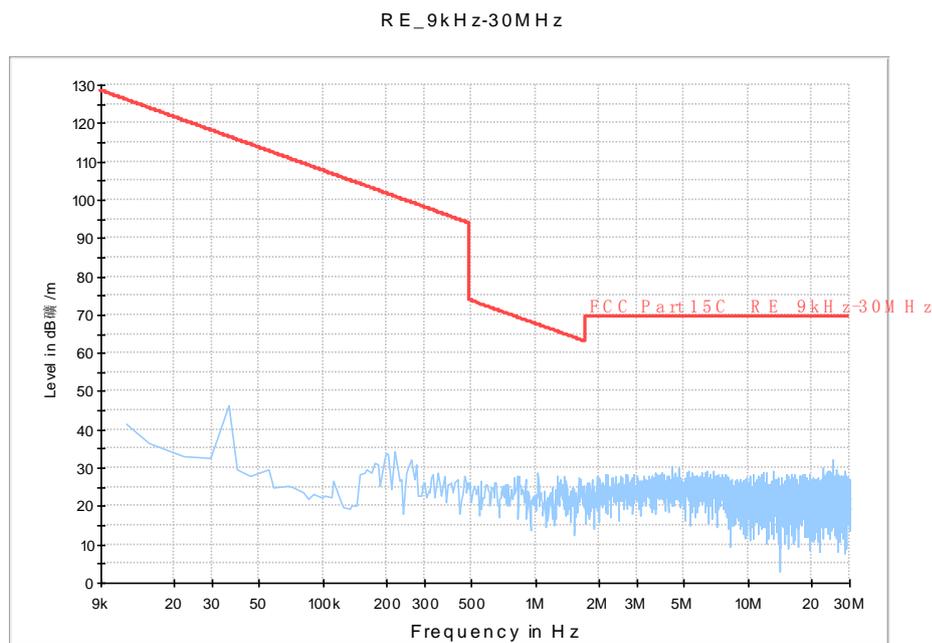


Fig.A.8.1 Radiated Spurious Emission (802.11b, 9 kHz ~30 MHz)

A.9. AC Powerline Conducted Emission

Test Condition:

Voltage (V)	Frequency (Hz)
110	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.9.1	Fig.A.9.2	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 (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.9.1	Fig.A.9.2	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.

The measurement is made according to ANSI C63.10

Note: Expanded measurement uncertainty for this test item is $U = 3.2\text{dB}$, $k=2$.

Conclusion: PASS

Test graphs as below:

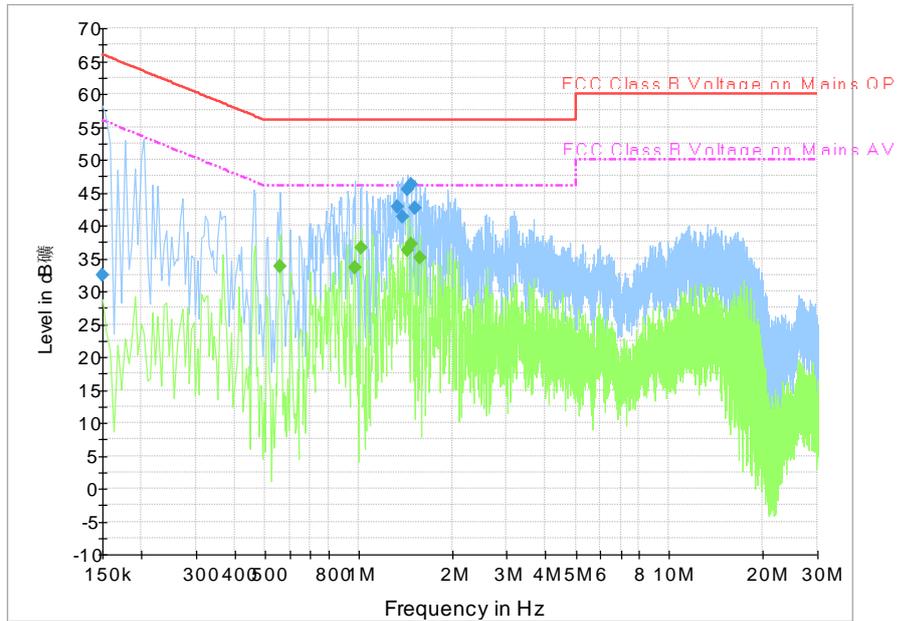


Fig.A.9.1 AC Powerline Conducted Emission-802.11b

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

Measurement Result 1:

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	32.4	GND	N	9.8	33.6	66.0
1.329000	42.8	GND	L1	9.7	13.2	56.0
1.383000	41.4	GND	N	9.7	14.6	56.0
1.432500	45.4	GND	L1	9.7	10.6	56.0
1.477500	46.2	GND	L1	9.7	9.8	56.0
1.518000	42.7	GND	N	9.7	13.3	56.0

Measurement Result 2:

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.559500	33.7	GND	L1	9.8	12.3	46.0
0.973500	33.5	GND	L1	9.7	12.5	46.0
1.018500	36.6	GND	L1	9.7	9.4	46.0
1.432500	36.3	GND	L1	9.7	9.7	46.0
1.477500	37.2	GND	L1	9.7	8.8	46.0
1.572000	35.1	GND	L1	9.7	10.9	46.0

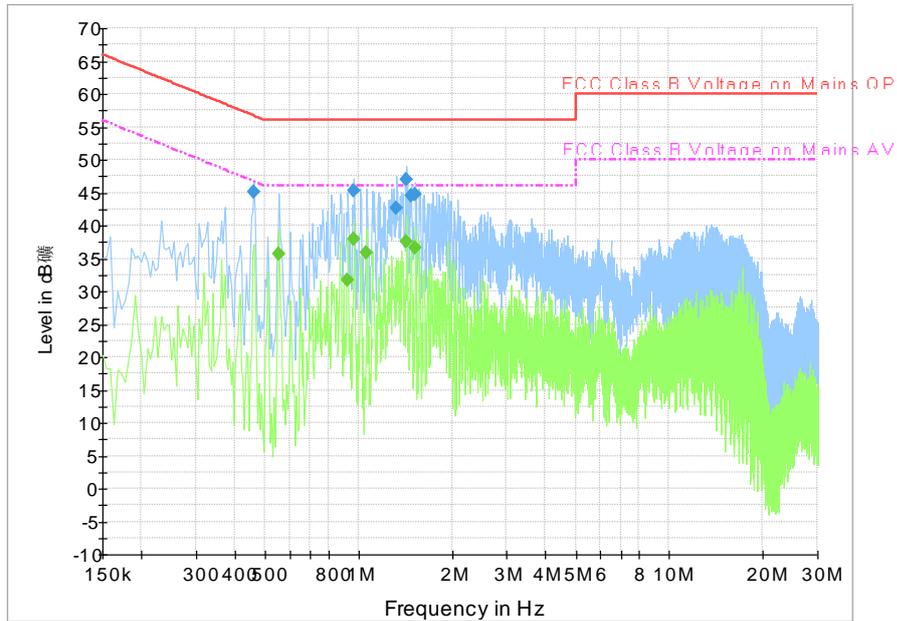


Fig.A.9.2 AC Powerline Conducted Emission-Idle

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

Measurement Result 1:

Frequency (MHz)	QuasiPeak (dB μ V)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.460500	45.1	GND	L1	9.8	11.6	56.7
0.969000	45.4	GND	L1	9.7	10.6	56.0
1.324500	42.6	GND	L1	9.7	13.4	56.0
1.428000	47.0	GND	L1	9.7	9.0	56.0
1.473000	44.5	GND	L1	9.7	11.5	56.0
1.522500	44.8	GND	L1	9.7	11.2	56.0

Measurement Result 2:

Frequency (MHz)	Average (dB μ V)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.555000	35.7	GND	L1	9.8	10.3	46.0
0.924000	31.7	GND	L1	9.7	14.3	46.0
0.969000	37.9	GND	L1	9.7	8.1	46.0
1.063500	35.9	GND	L1	9.7	10.1	46.0
1.428000	37.5	GND	L1	9.7	8.5	46.0
1.522500	36.6	GND	L1	9.7	9.4	46.0