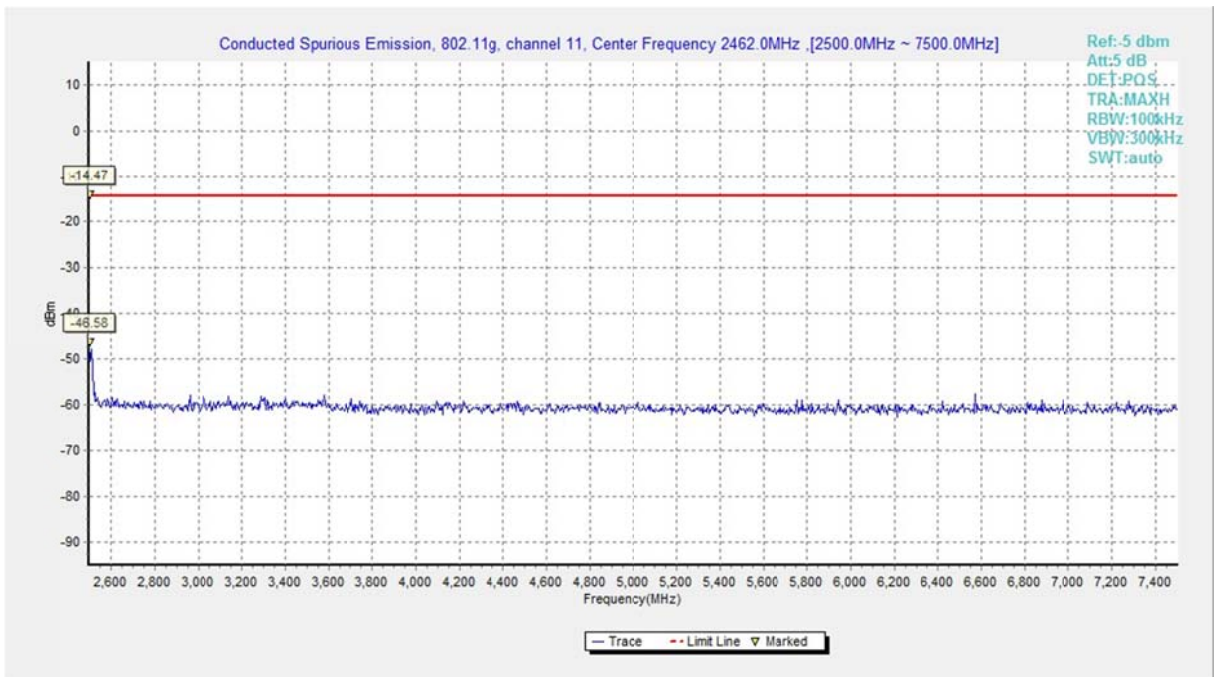
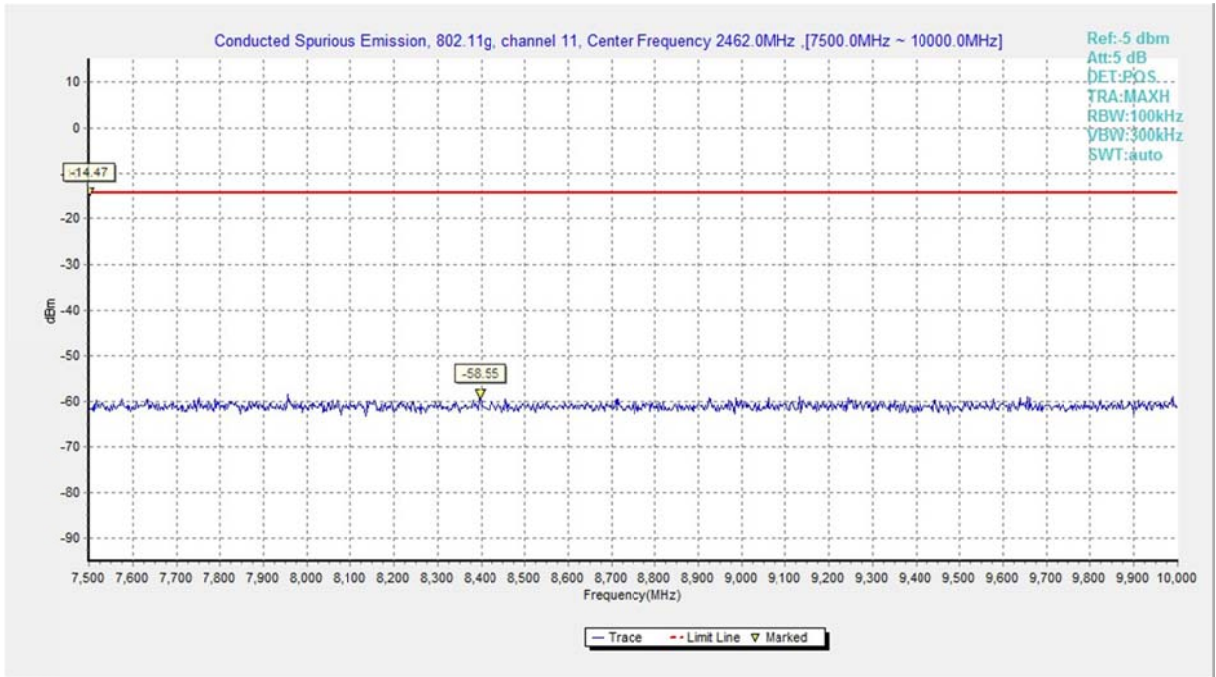


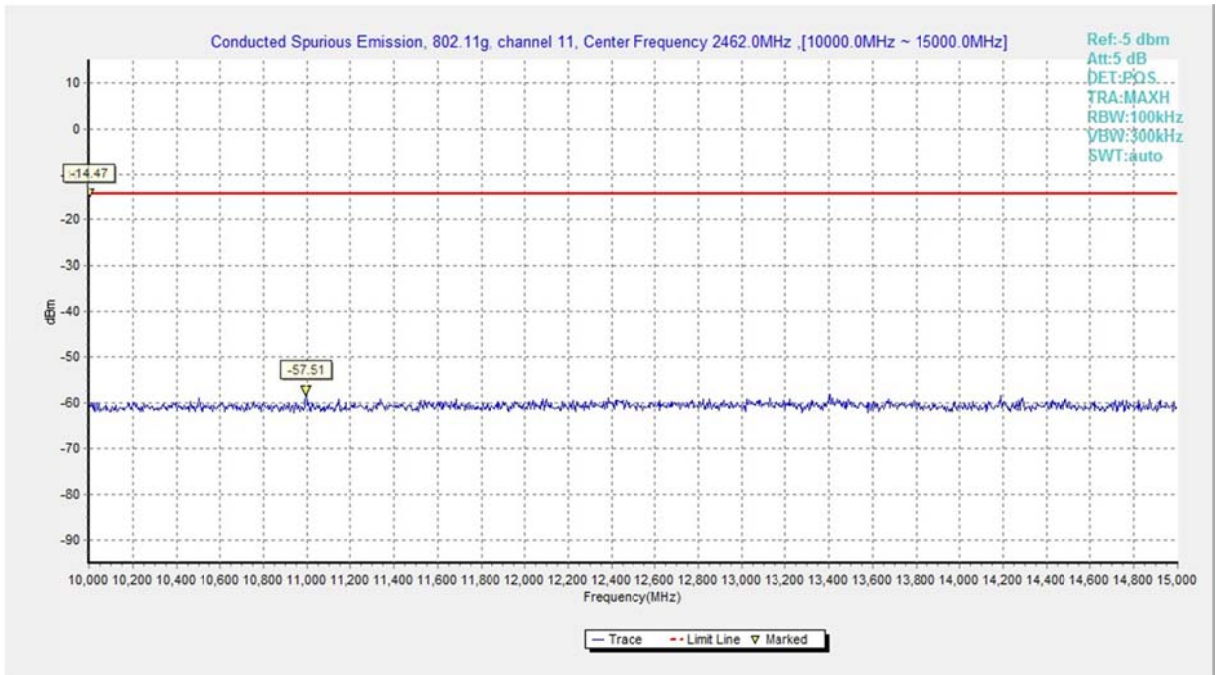
**Fig.A.6.1.43 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 1 GHz-2.5 GHz)**



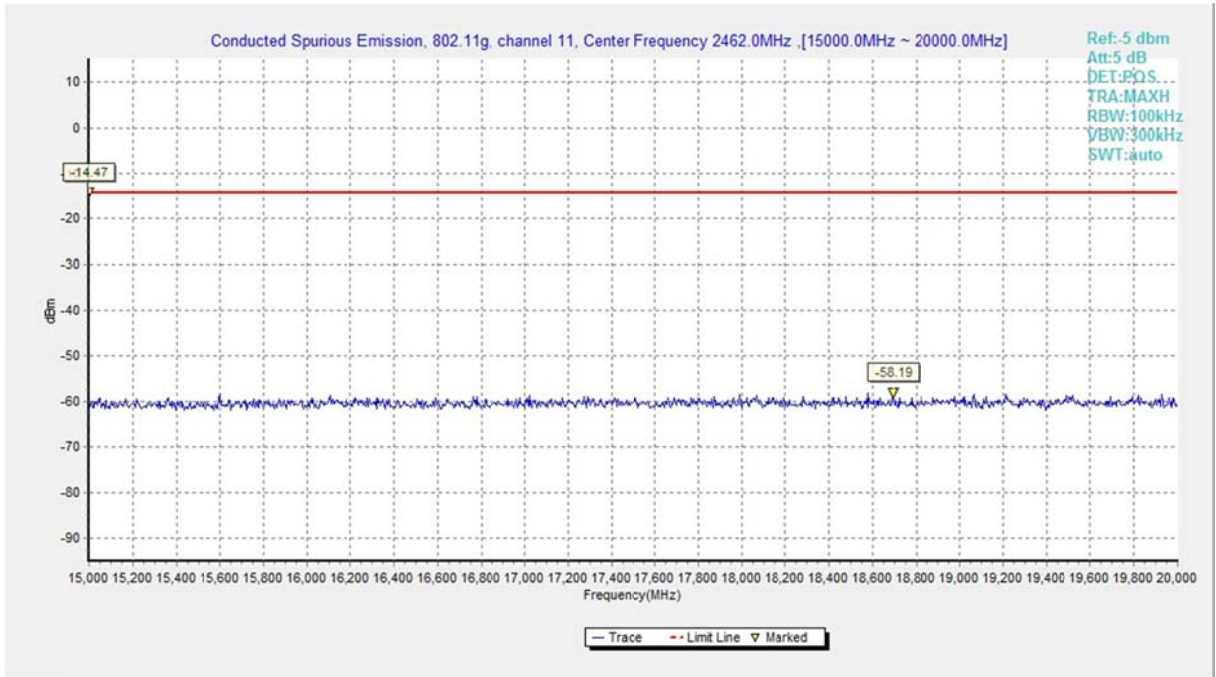
**Fig.A.6.1.44 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 2.5 GHz-7.5 GHz)**



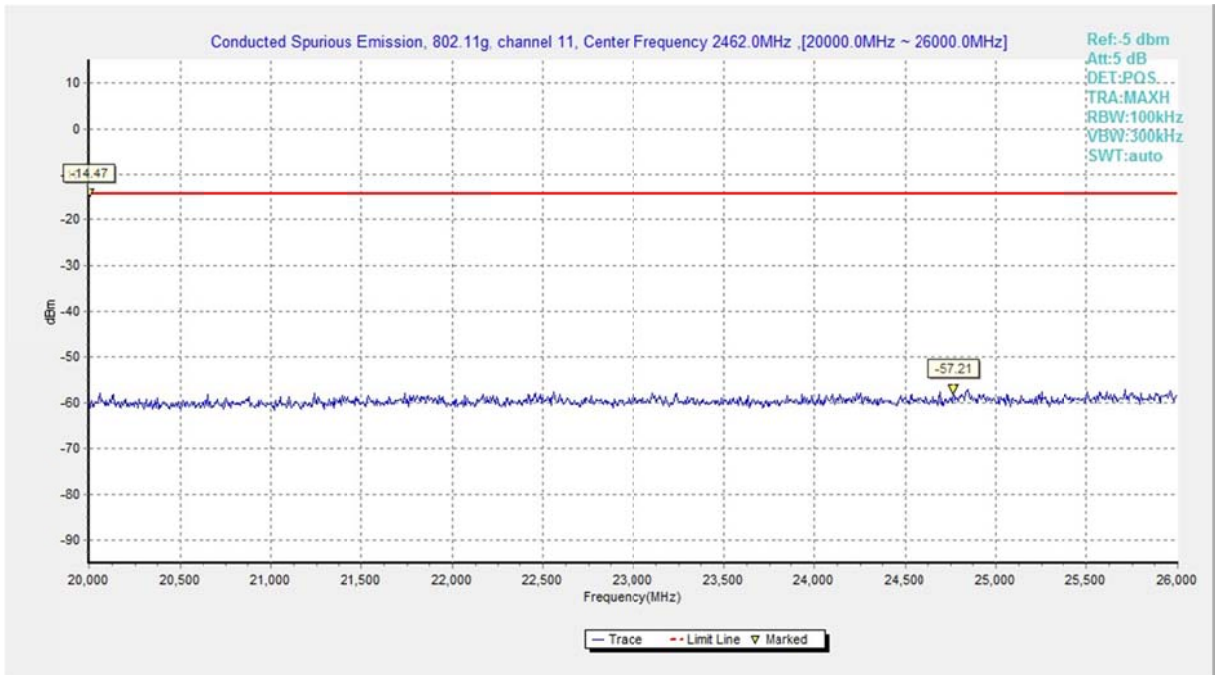
**Fig.A.6.1.45 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 7.5 GHz-10 GHz)**



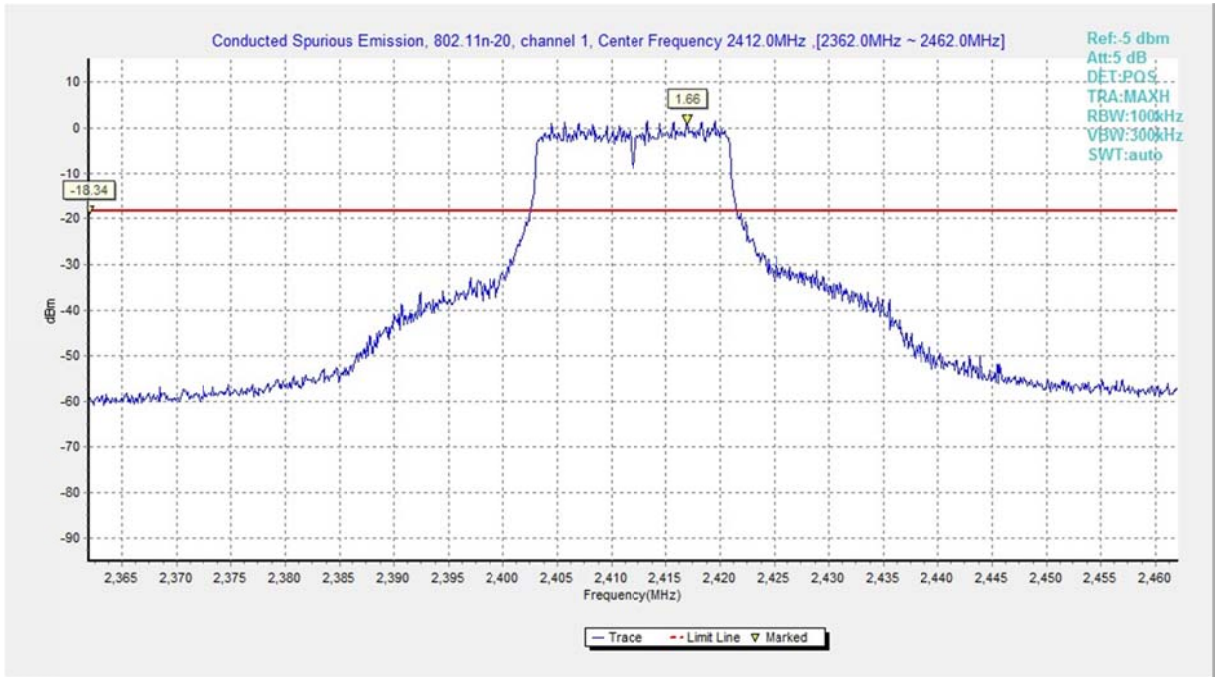
**Fig.A.6.1.46 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 10 GHz-15 GHz)**



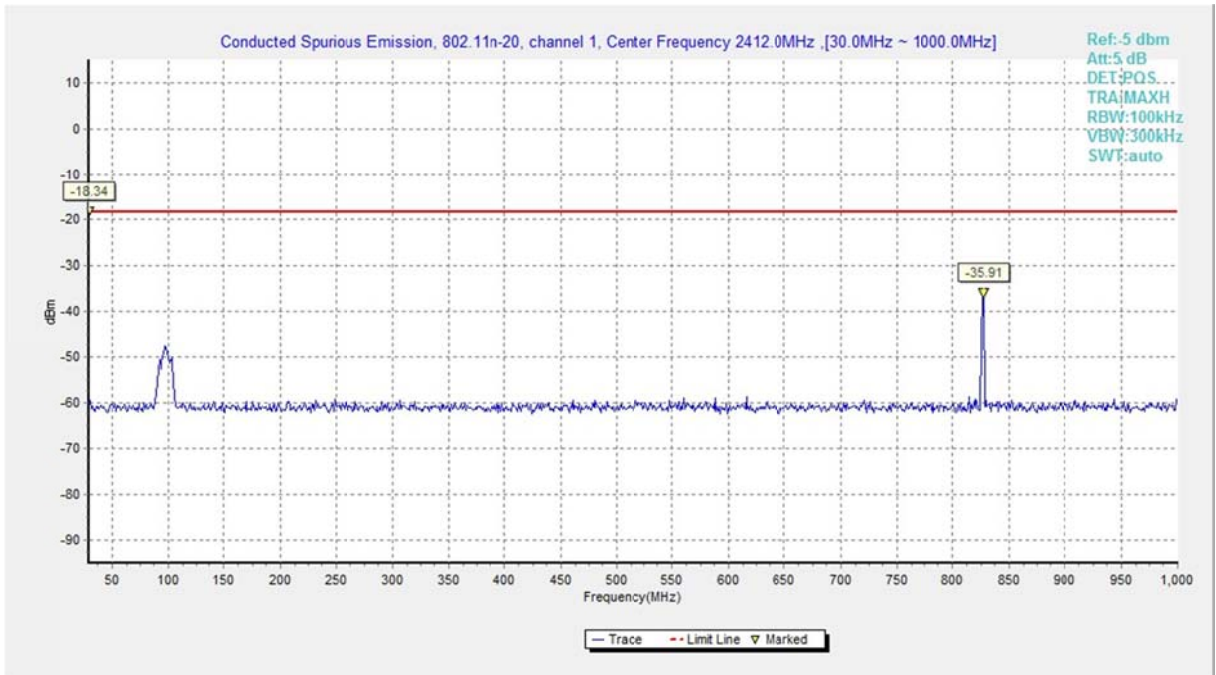
**Fig.A.6.1.47 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 15 GHz-20 GHz)**



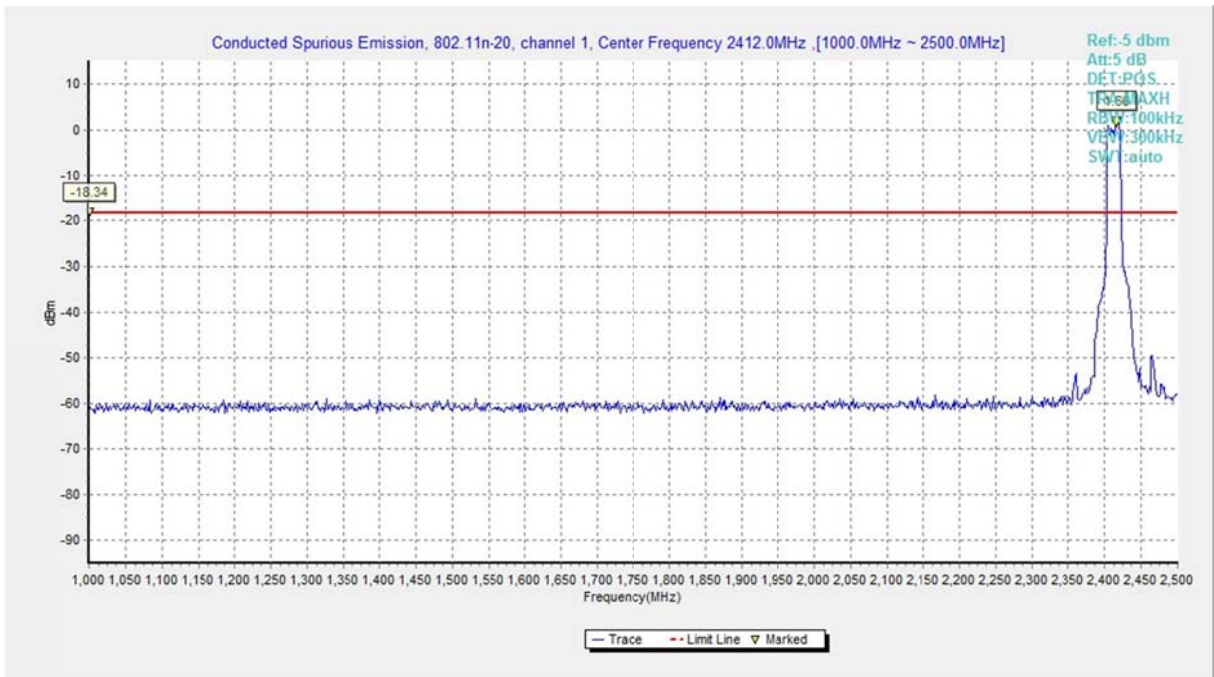
**Fig.A.6.1.48 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 20 GHz-26 GHz)**



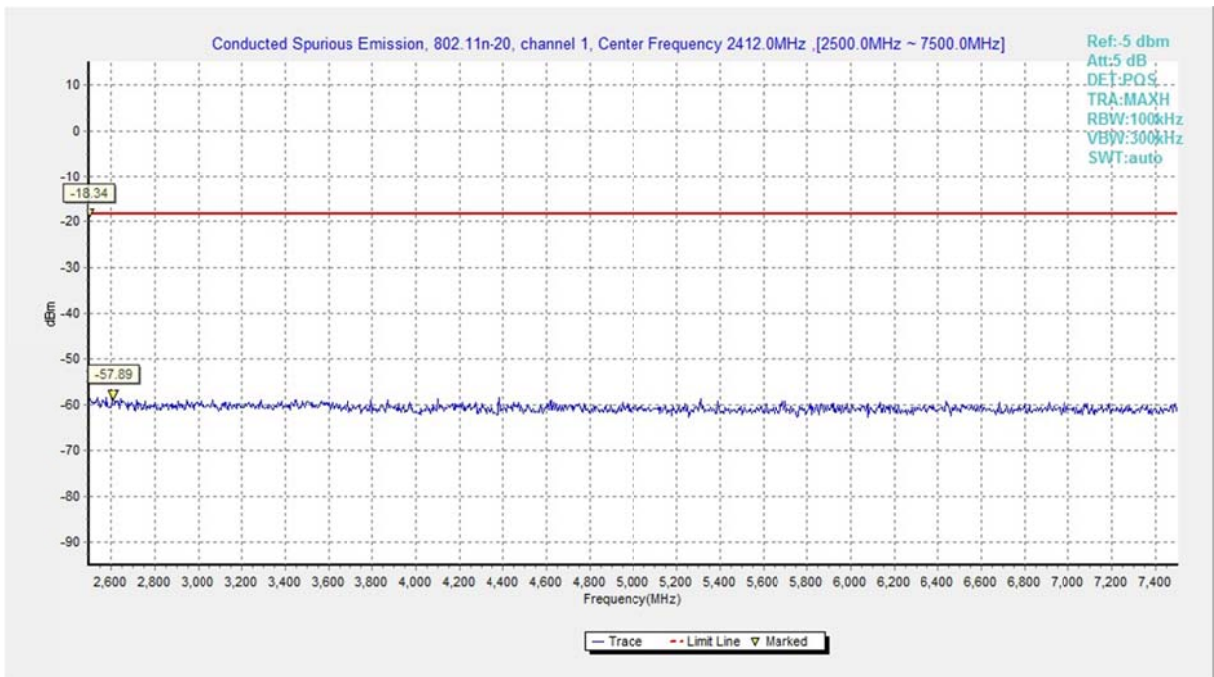
**Fig.A.6.1.49 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, Center Frequency)**



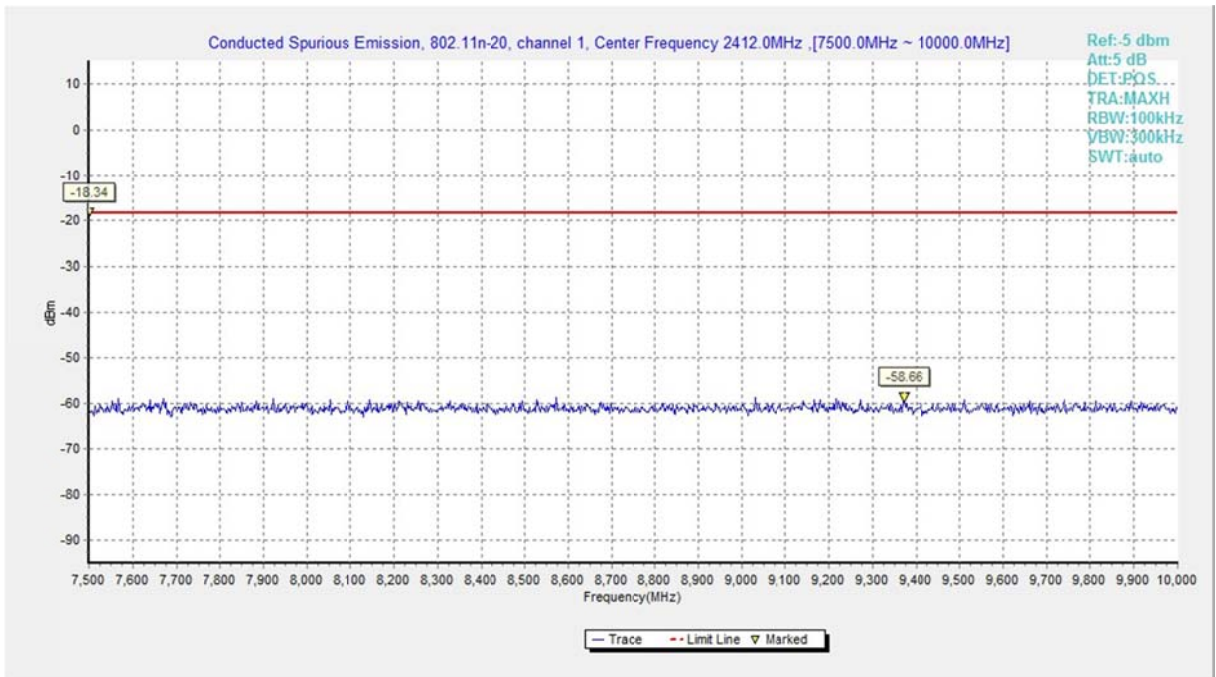
**Fig.A.6.1.50 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 30 MHz-1 GHz)**



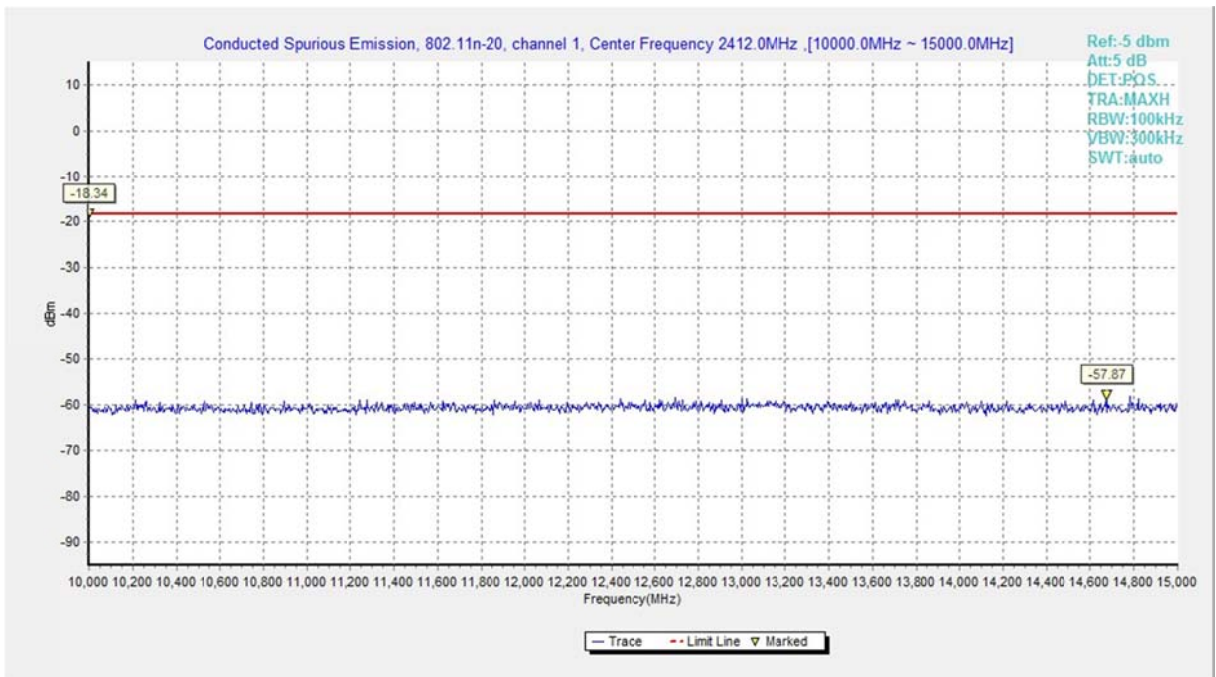
**Fig.A.6.1.51 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 1 GHz-2.5 GHz)**



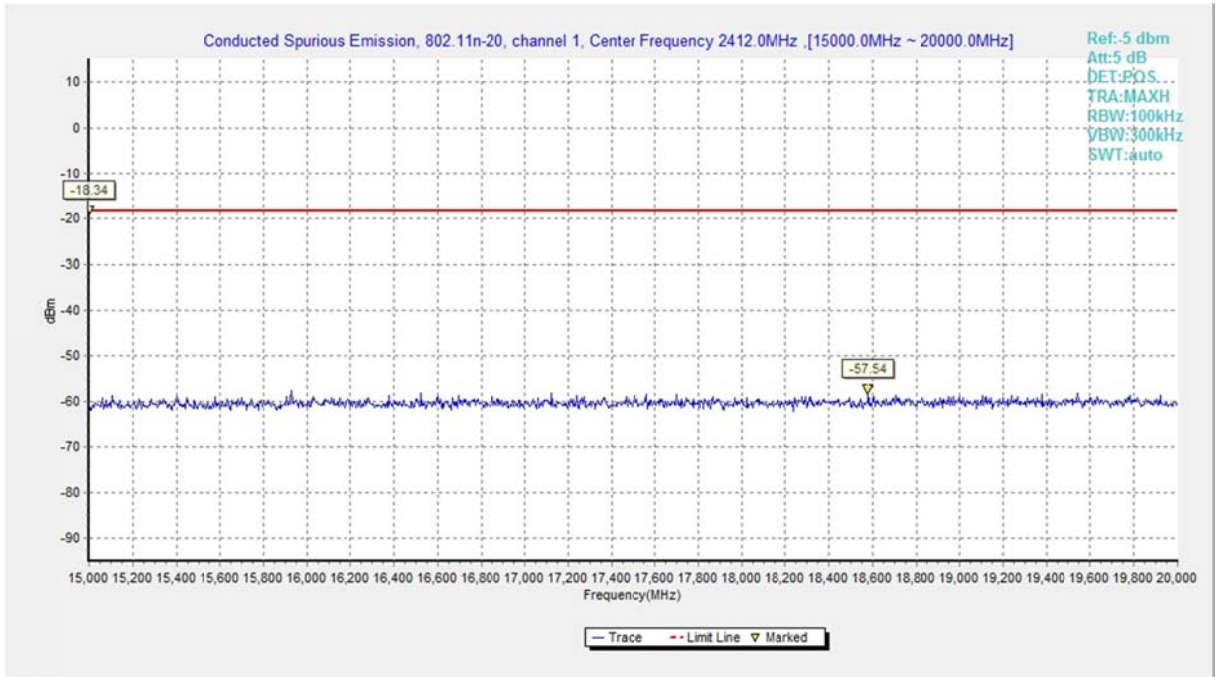
**Fig.A.6.1.52 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 2.5 GHz-7.5 GHz)**



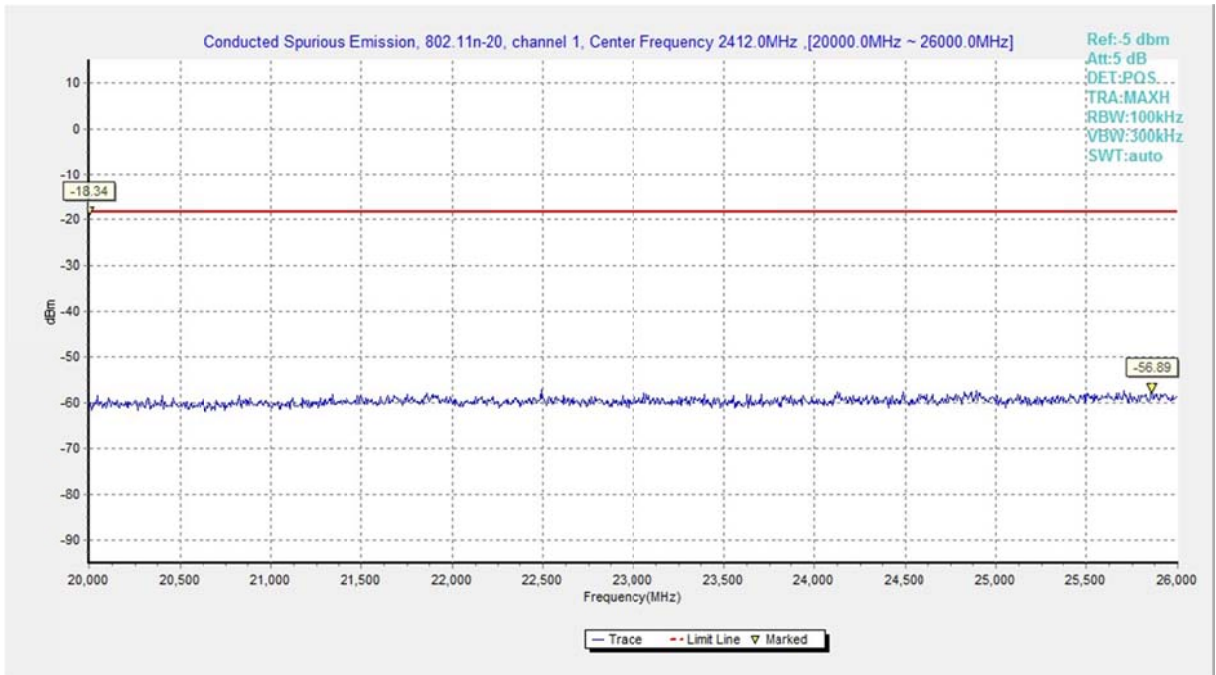
**Fig.A.6.1.53 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 7.5 GHz-10 GHz)**



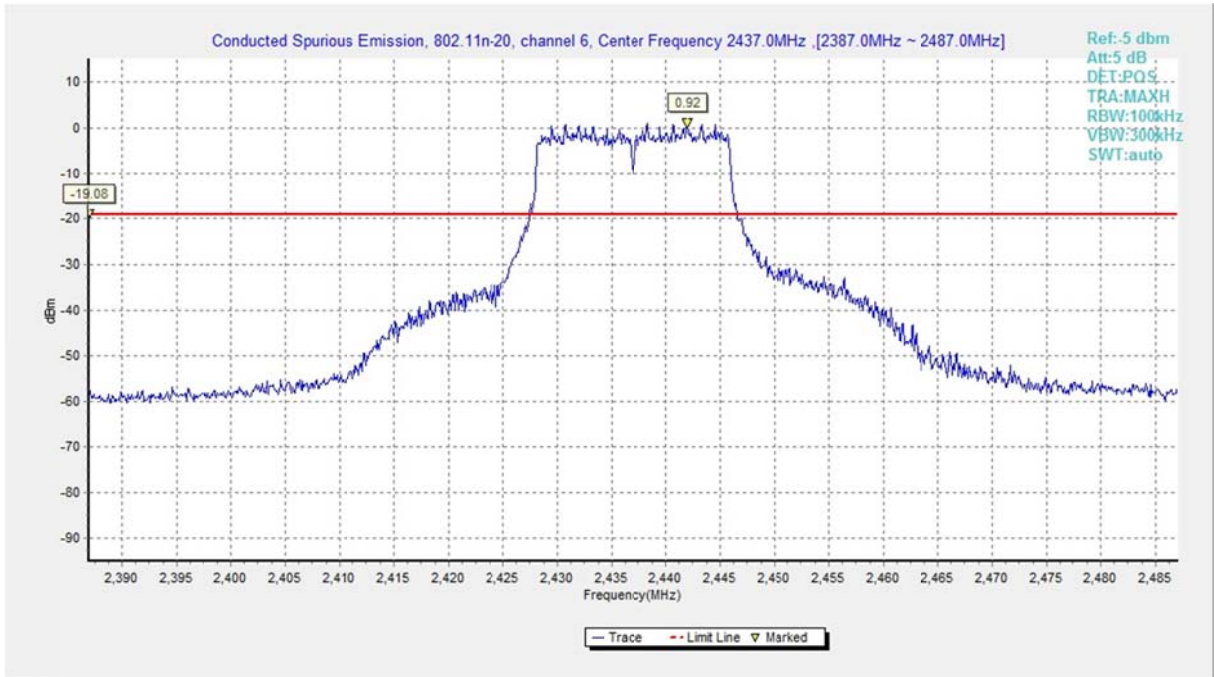
**Fig.A.6.1.54 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 10 GHz-15 GHz)**



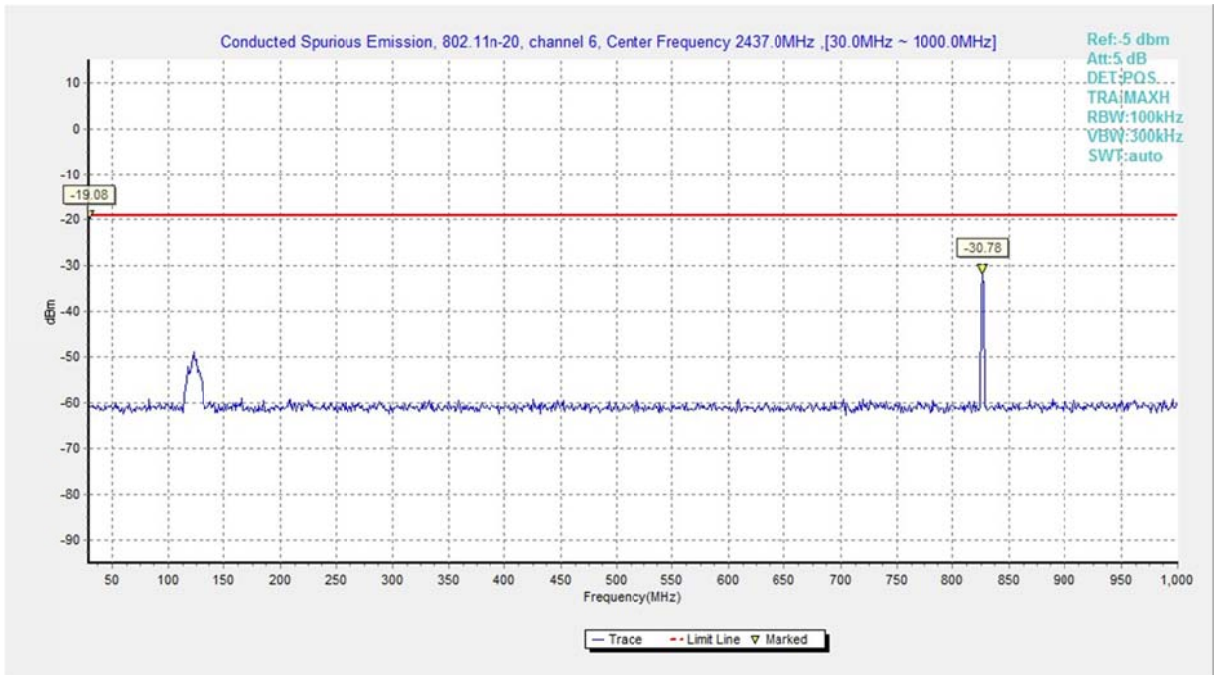
**Fig.A.6.1.55 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 15 GHz-20 GHz)**



**Fig.A.6.1.56 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 20 GHz-26 GHz)**

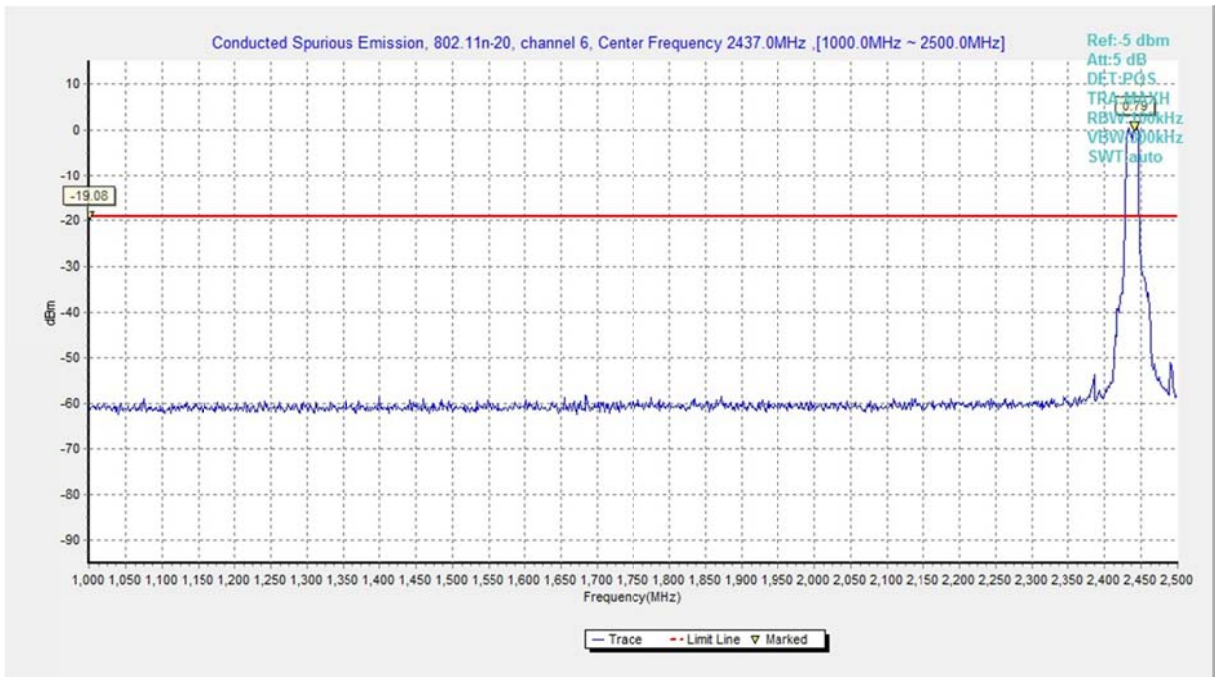


**Fig.A.6.1.57 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, Center Frequency)**

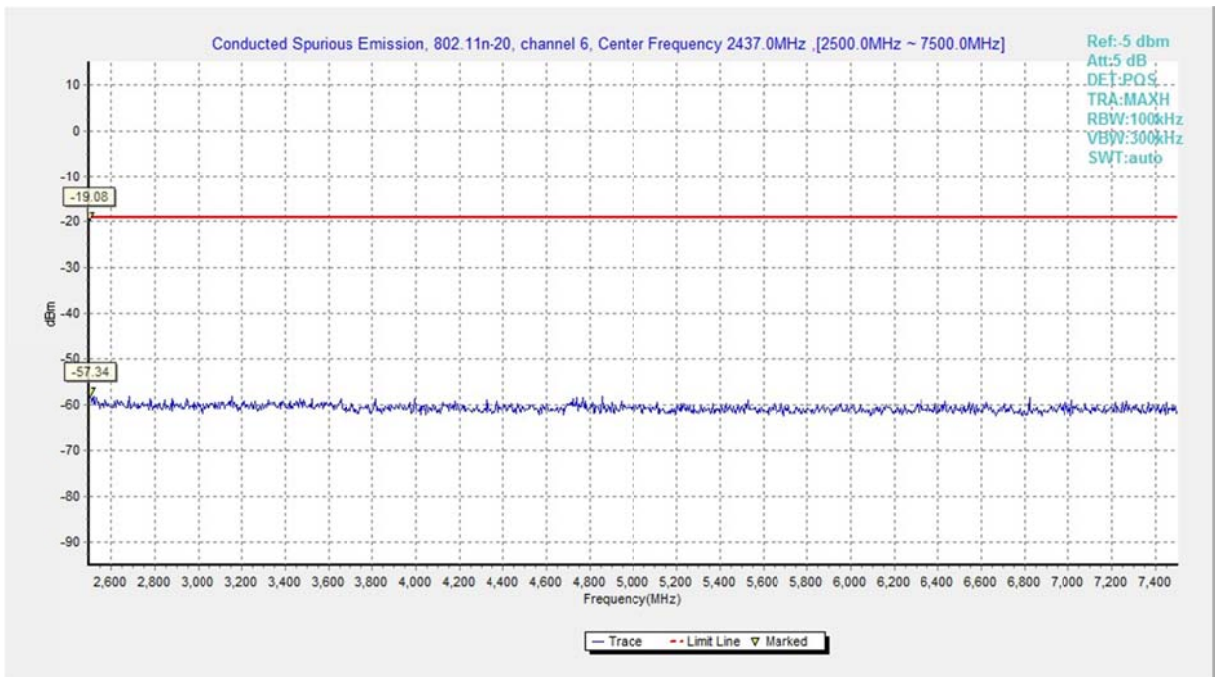


**Fig.A.6.1.58 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 30 MHz-1 GHz)**

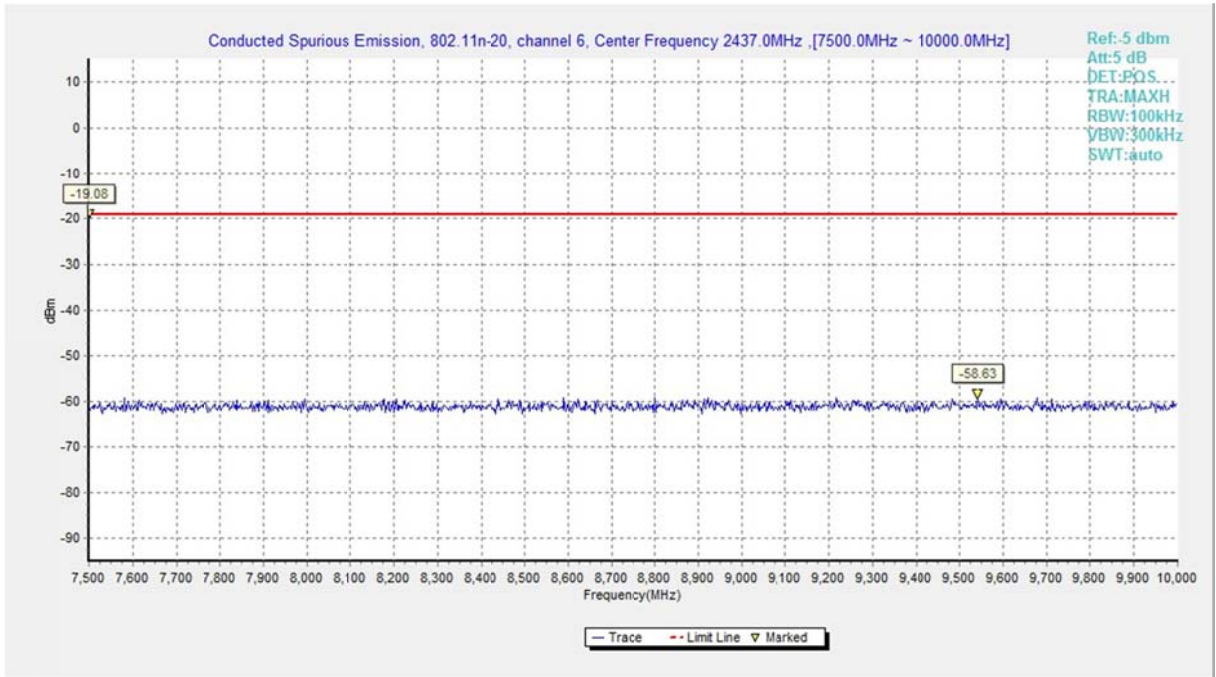




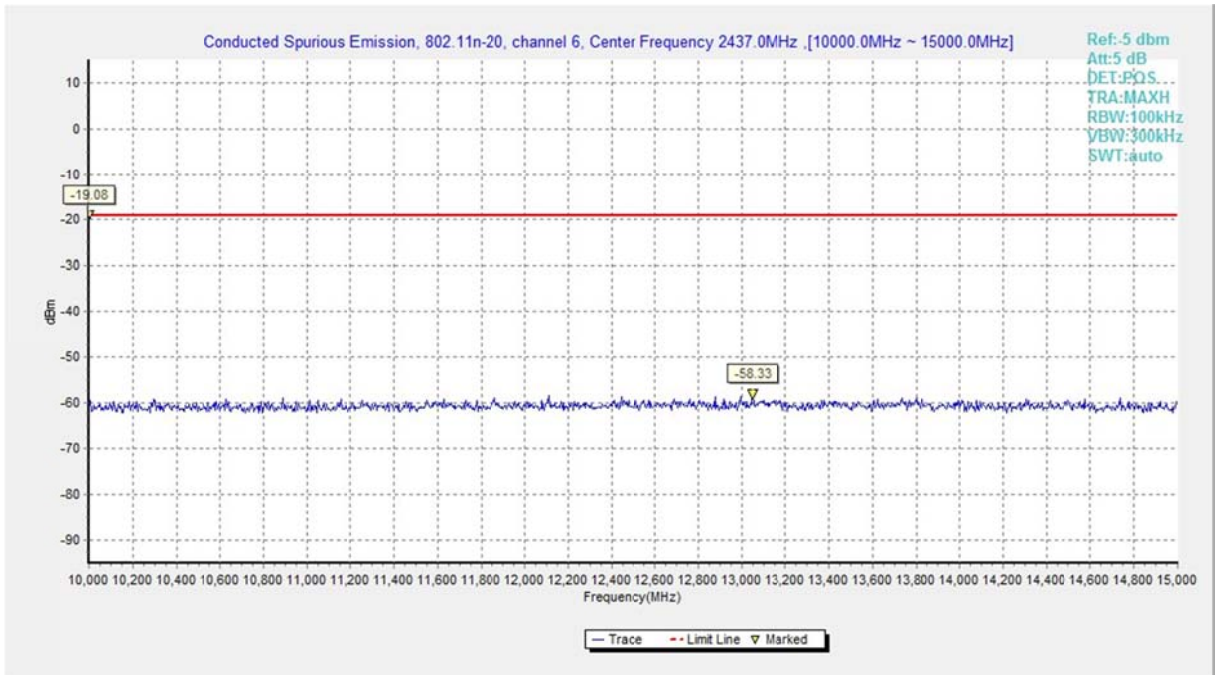
**Fig.A.6.1.59 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 1 GHz-2.5 GHz)**



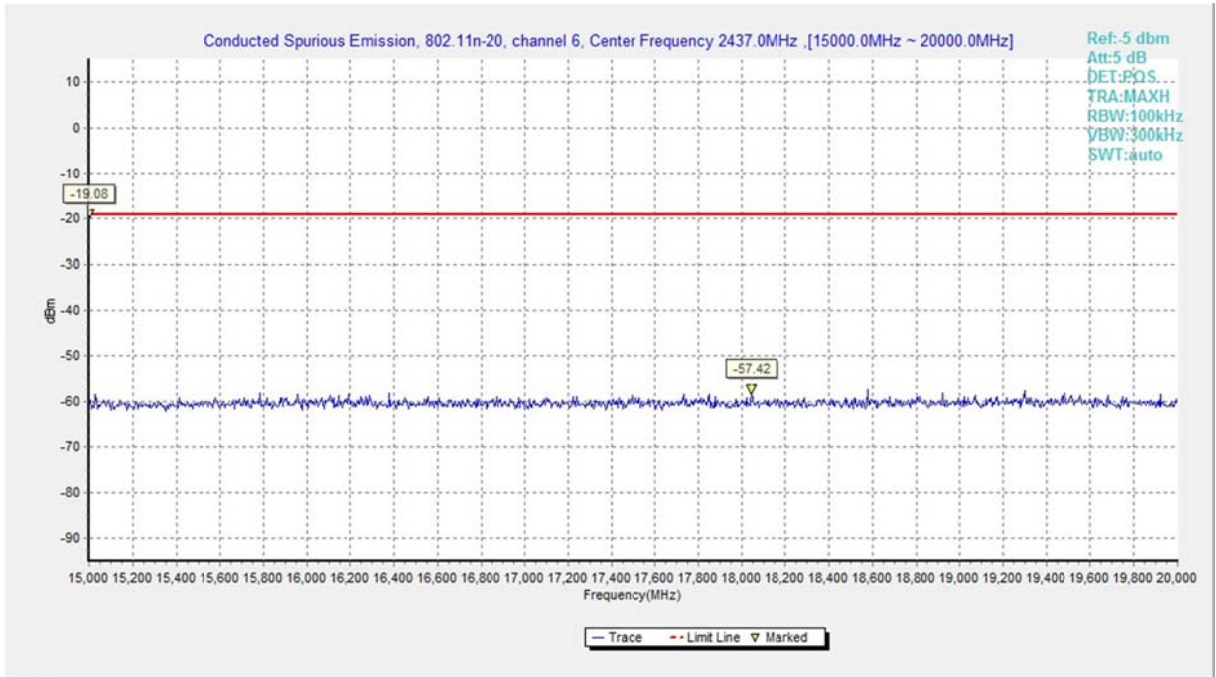
**Fig.A.6.1.60 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 2.5 GHz-7.5 GHz)**



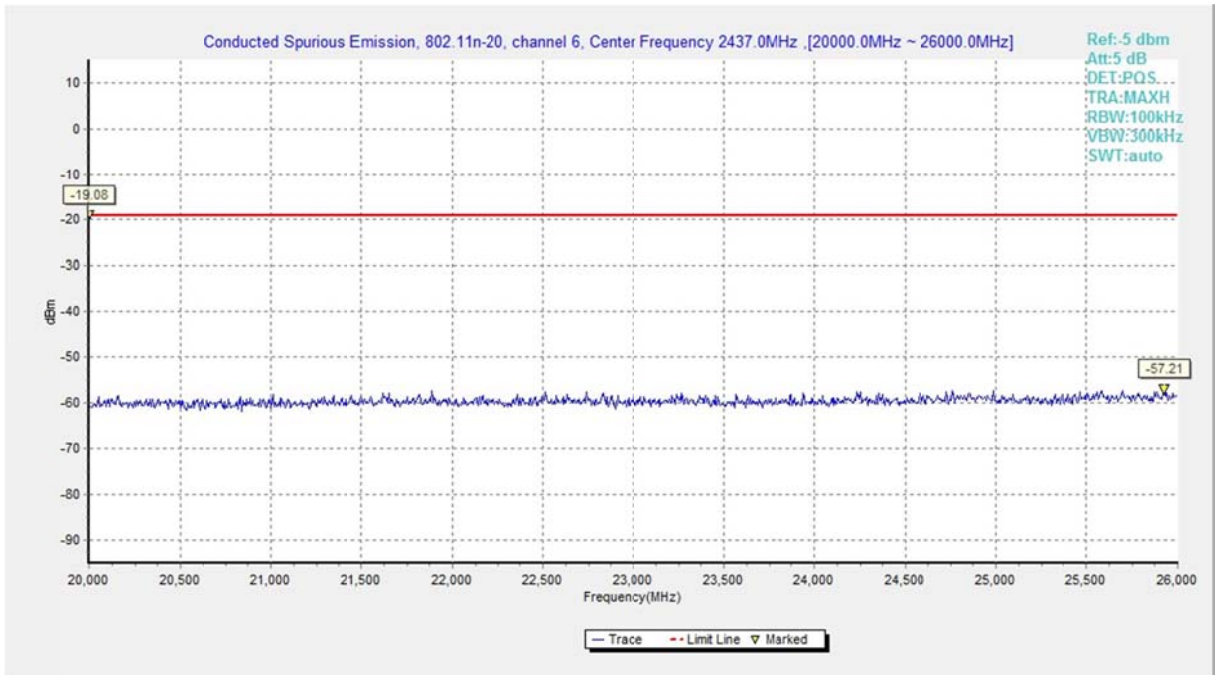
**Fig.A.6.1.61 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 7.5 GHz-10 GHz)**



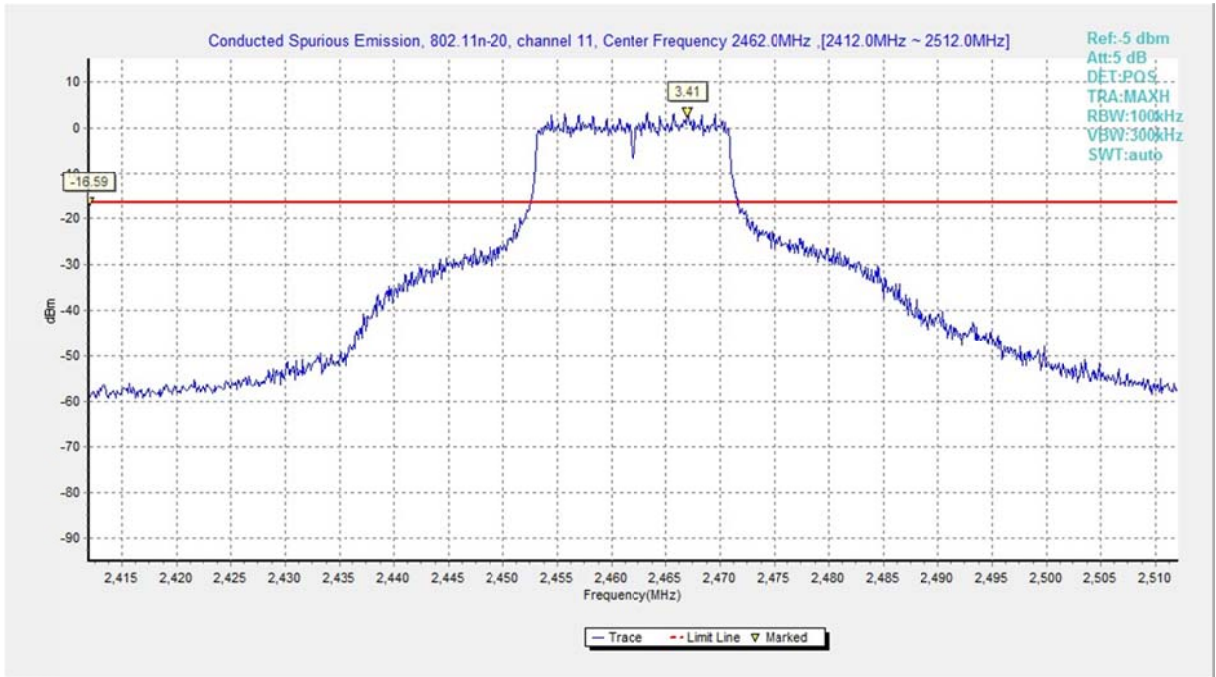
**Fig.A.6.1.62 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 10 GHz-15 GHz)**



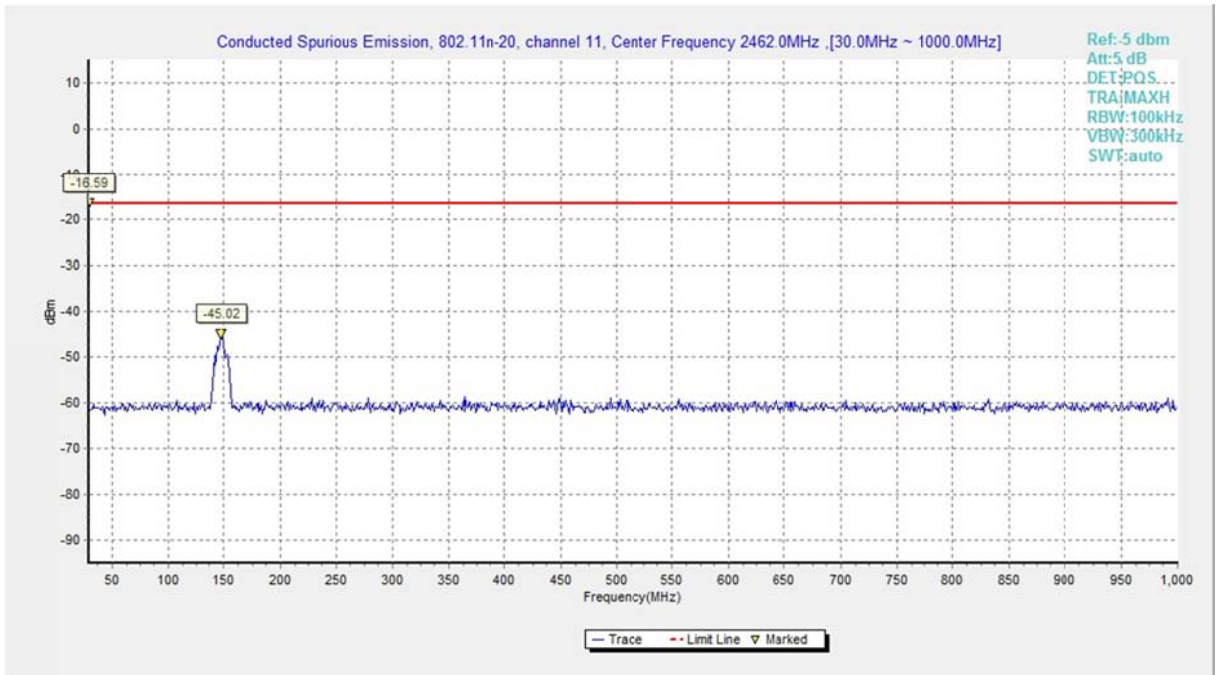
**Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)**



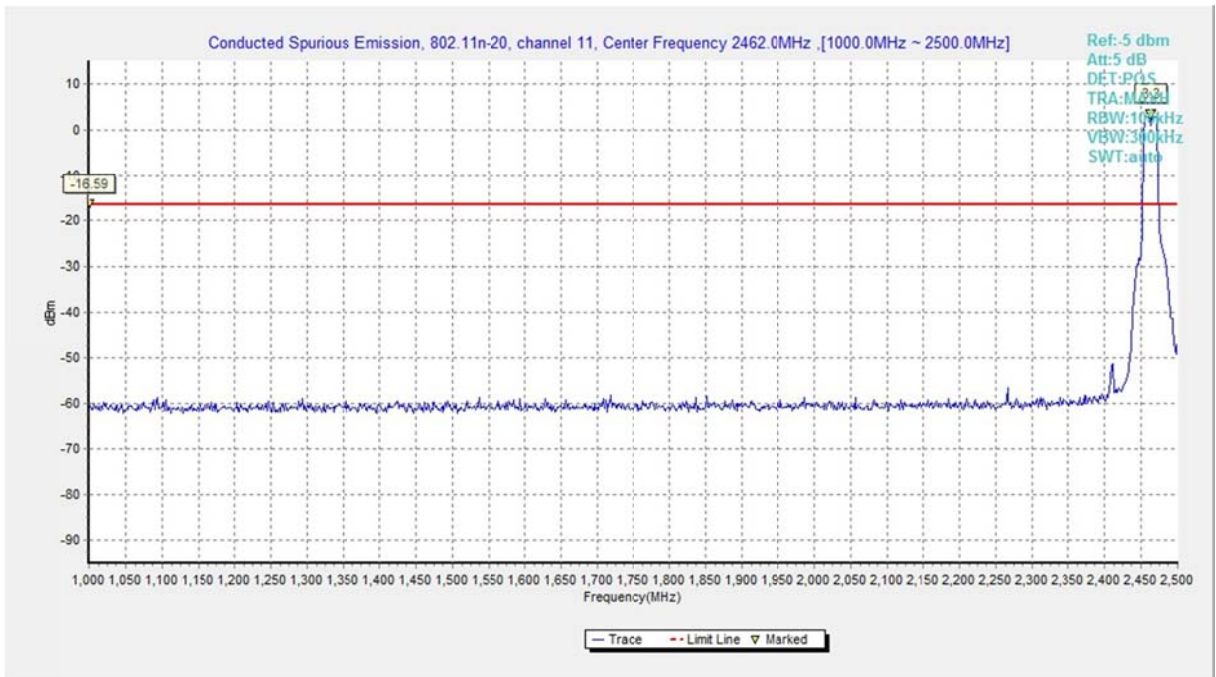
**Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)**



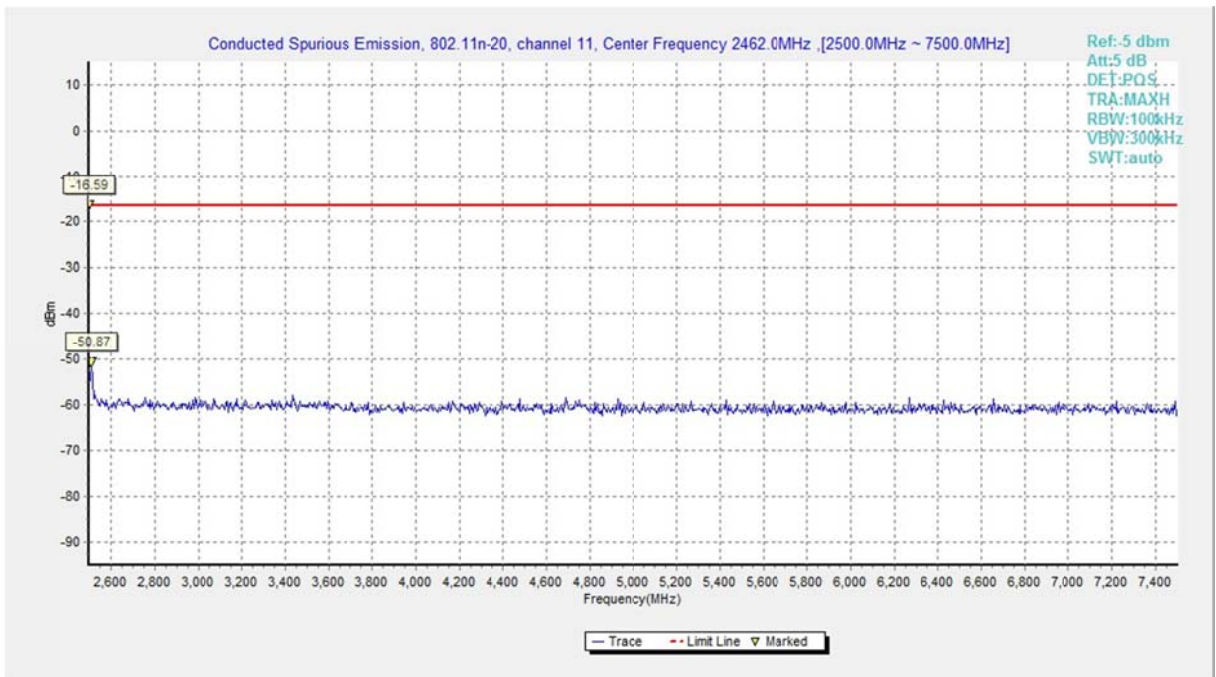
**Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)**



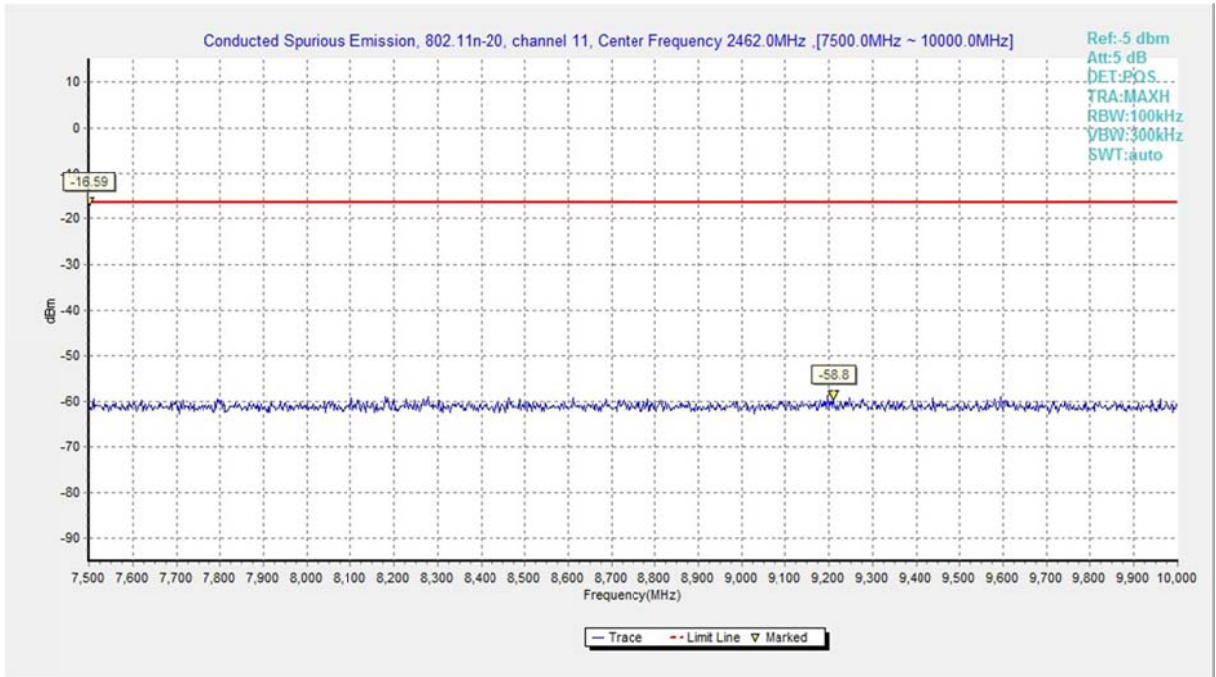
**Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)**



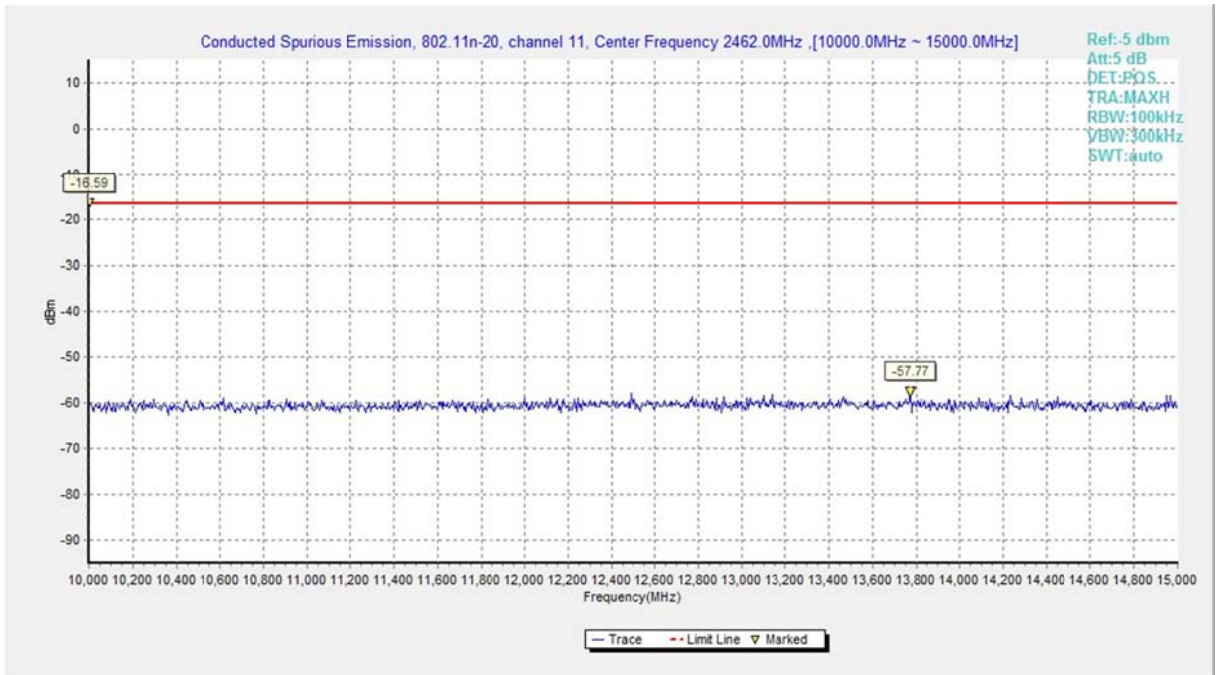
**Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)**



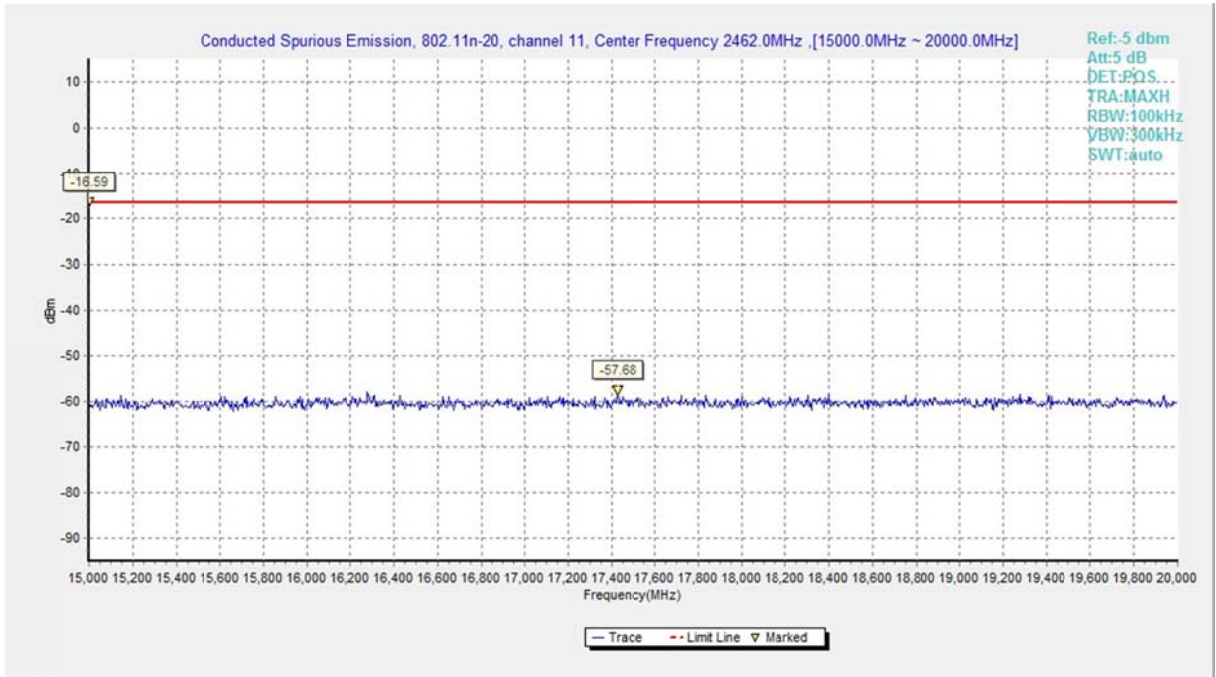
**Fig.A.6.1.68 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 2.5 GHz-7.5 GHz)**



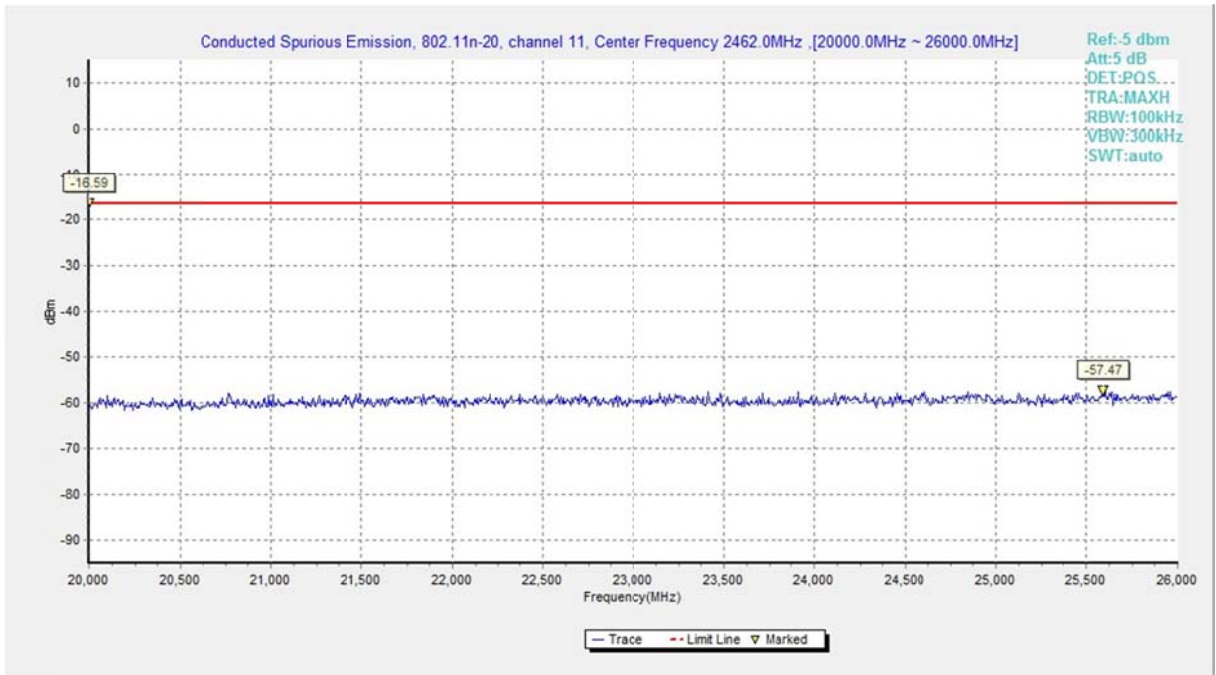
**Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)**



**Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)**



**Fig.A.6.1.71 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 15 GHz-20 GHz)**



**Fig.A.6.1.72 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 20 GHz-26 GHz)**

### A.6.2 Transmitter Spurious Emission - Radiated

**Method of Measurement:** See ANSI C63.10-2013-clause 6.4 & 6.5 & 6.6

**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)).

**Limit in restricted band:**

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

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

### 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



**Measurement Results:**

**802.11b mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.45GHz	Fig.A.6.2.1	<b>P</b>
	1	1 GHz ~ 3 GHz	Fig.A.6.2.2	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.3	<b>P</b>
	6	9 kHz ~30 MHz	Fig.A.6.2.4	<b>P</b>
		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	18 GHz~ 26.5 GHz	Fig.A.6.2.8	<b>P</b>
		2.45GHz ~2.5GHz	Fig.A.6.2.9	<b>P</b>
		11	1 GHz ~ 3 GHz	Fig.A.6.2.10
	3 GHz ~ 18 GHz		Fig.A.6.2.11	<b>P</b>

**802.11g mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.12	<b>P</b>
	1	1 GHz ~ 3 GHz	Fig.A.6.2.13	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.14	<b>P</b>
	6	30 MHz ~1 GHz	Fig.A.6.2.15	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.16	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.17	<b>P</b>
		18 GHz~ 26.5 GHz	Fig.A.6.2.18	<b>P</b>
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.19	<b>P</b>
	11	1 GHz ~ 3 GHz	Fig.A.6.2.20	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.21	<b>P</b>

**802.11n-HT20 mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.22	<b>P</b>
	1	1 GHz ~ 3 GHz	Fig.A.6.2.23	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.24	<b>P</b>
	6	30 MHz ~1 GHz	Fig.A.6.2.25	<b>P</b>
		1 GHz ~ 3 GHz	Fig.A.6.2.26	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.27	<b>P</b>
		18 GHz~ 26.5 GHz	Fig.A.6.2.28	<b>P</b>
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.29	<b>P</b>
	11	1 GHz ~ 3 GHz	Fig.A.6.2.30	<b>P</b>
		3 GHz ~ 18 GHz	Fig.A.6.2.31	<b>P</b>



**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:

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

**802.11b**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	$P_{Mea}$ (dBuV/m)	Polarization
2389.375	45.6	-38.8	27.7	56.700	H
17903.438	61.2	-18.5	45.6	34.100	V
17891.250	61.2	-18.5	45.6	34.100	V
17870.625	61.0	-18.5	45.6	33.900	V
17910.000	61.0	-18.5	45.6	33.900	H
17895.000	60.9	-18.5	45.6	33.800	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	$P_{Mea}$ (dBuV/m)	Polarization
17893.125	60.7	-18.5	45.6	33.600	H
17886.563	60.2	-18.5	45.6	33.100	H
17896.875	60.2	-18.5	45.6	33.100	V
17945.625	60.1	-17.7	45.6	32.200	H
17866.875	60.0	-18.5	45.6	32.900	V
17918.438	60.0	-17.7	45.6	32.100	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	$P_{Mea}$ (dBuV/m)	Polarization
2483.500	48.3	-38.9	27.7	59.500	V
17925.000	61.2	-17.7	45.6	33.300	V
17901.563	61.1	-18.5	45.6	34.000	H
17928.750	60.9	-17.7	45.6	33.000	V
17919.375	60.7	-17.7	45.6	32.800	H
17905.313	60.6	-18.5	45.6	33.500	H

**802.11g**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2389.825	49.5	-38.8	27.7	60.600	V
17881.875	60.8	-18.5	45.6	33.700	V
17954.063	60.8	-17.7	45.6	32.900	H
17916.563	60.8	-17.7	45.6	32.900	V
17895.938	60.7	-18.5	45.6	33.600	H
17855.625	60.7	-18.5	45.6	33.600	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17895.000	61.7	-18.5	45.6	34.600	V
17914.688	61.4	-17.7	45.6	33.500	V
17927.813	61.4	-17.7	45.6	33.500	V
17896.875	61.2	-18.5	45.6	34.100	H
17907.188	60.7	-18.5	45.6	33.600	V
17865.938	60.7	-18.5	45.6	33.600	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.575	58.8	-38.9	27.7	70.000	H
17894.063	60.6	-18.5	45.6	33.500	H
17884.688	60.6	-18.5	45.6	33.500	H
17907.188	60.6	-18.5	45.6	33.500	V
17852.813	60.6	-18.5	45.6	33.500	V
17879.063	60.5	-18.5	45.6	33.400	H

**802.11n-HT20**

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2389.494	61.0	-38.8	27.7	72.100	H
17875.313	61.1	-18.5	45.6	34.000	V
17890.313	60.9	-18.5	45.6	33.800	H
17931.563	60.9	-17.7	45.6	33.000	H
17910.938	60.9	-18.5	45.6	33.800	V
17883.750	60.8	-18.5	45.6	33.700	V

Ch6

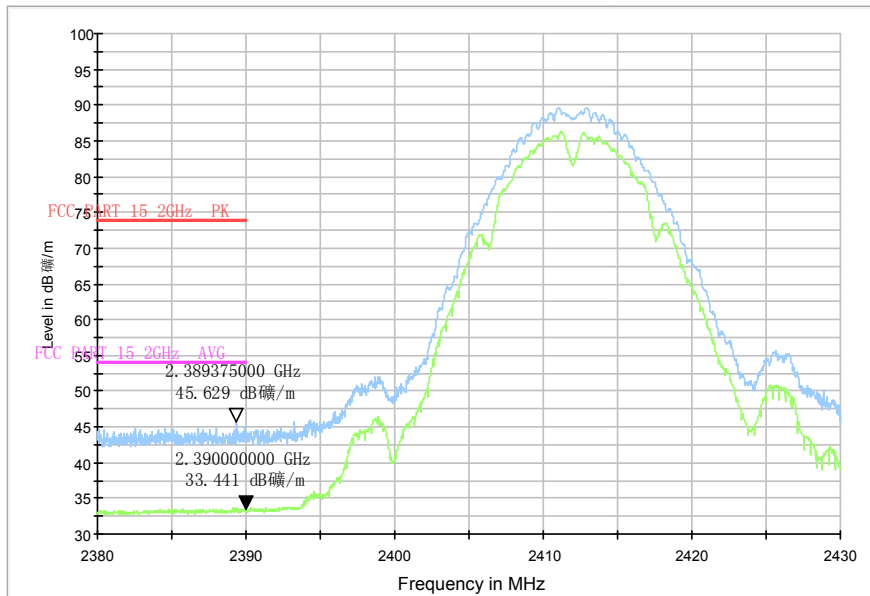
Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
17884.688	62.1	-18.5	45.6	35.000	V
17857.500	61.0	-18.5	45.6	33.900	V
17909.063	60.9	-18.5	45.6	33.800	V
17900.625	60.7	-18.5	45.6	33.600	H
17856.563	60.6	-18.5	45.6	33.500	V
17889.375	60.5	-18.5	45.6	33.400	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P <sub>Mea</sub> (dBuV/m)	Polarization
2483.525	62.4	-38.9	27.7	73.600	V
17976.563	61.2	-17.7	45.6	33.300	H
17885.625	61.2	-18.5	45.6	34.100	V
17878.125	60.8	-18.5	45.6	33.700	V
17900.625	60.8	-18.5	45.6	33.700	V
17917.500	60.4	-17.7	45.6	32.500	H

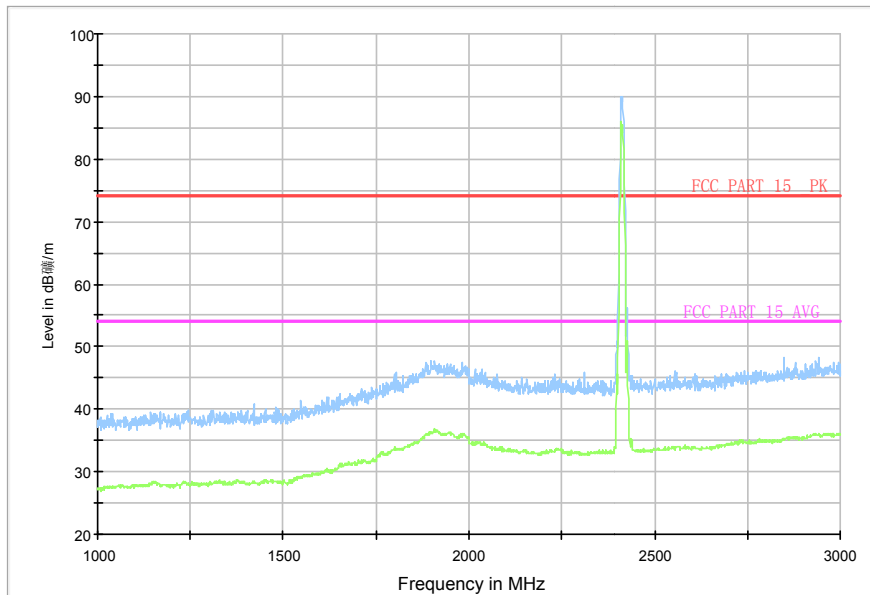
Test graphs as below:

RE-Power\_2.38G-2.43GHz

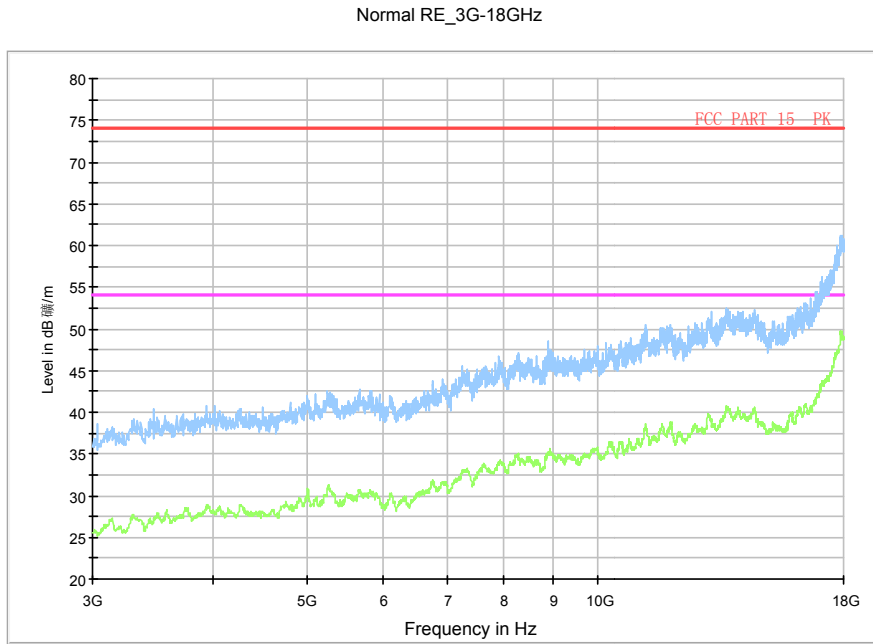


**Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz - 2.45GHz**

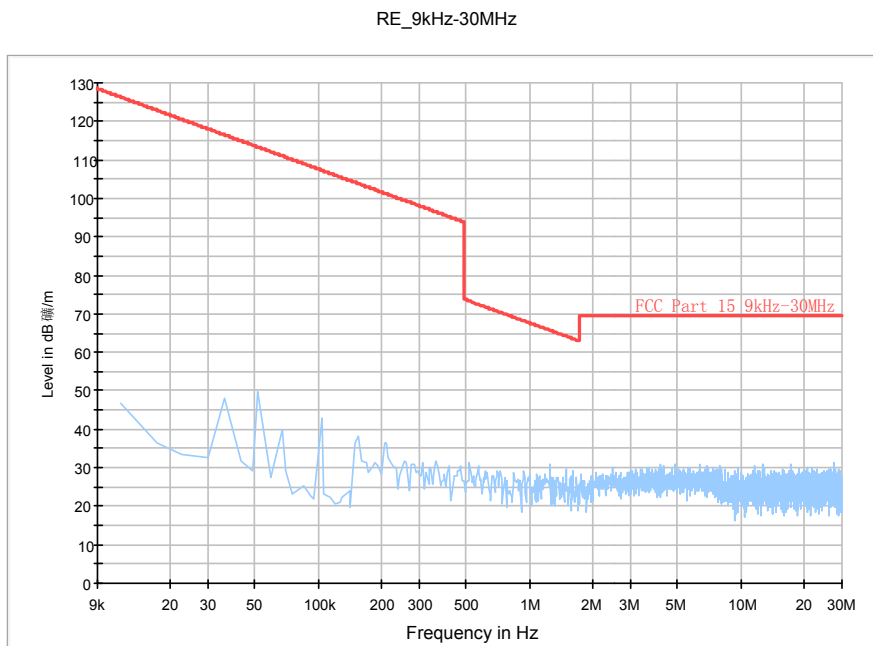
RE\_WLAN\_1G-3GHz



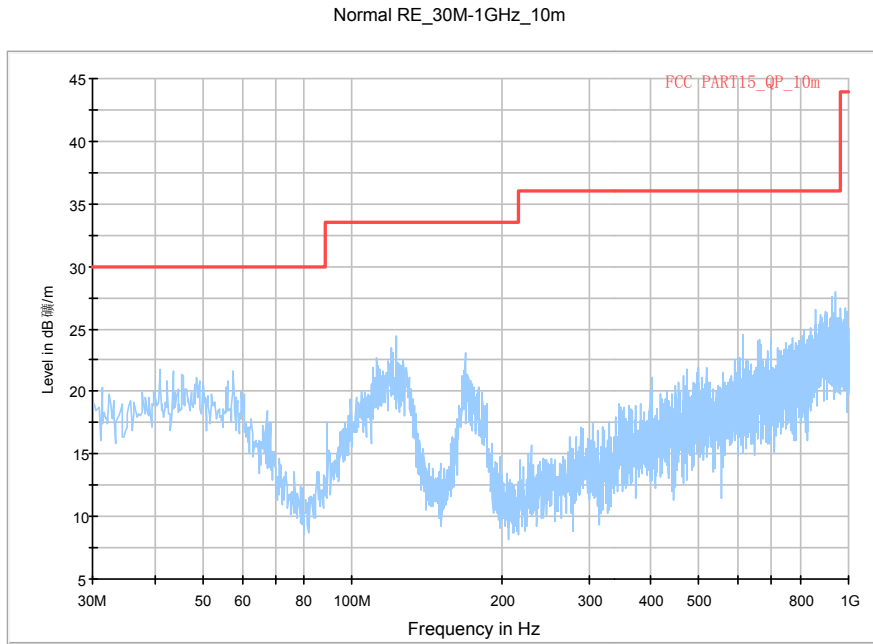
**Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 1 GHz-3 GHz)**



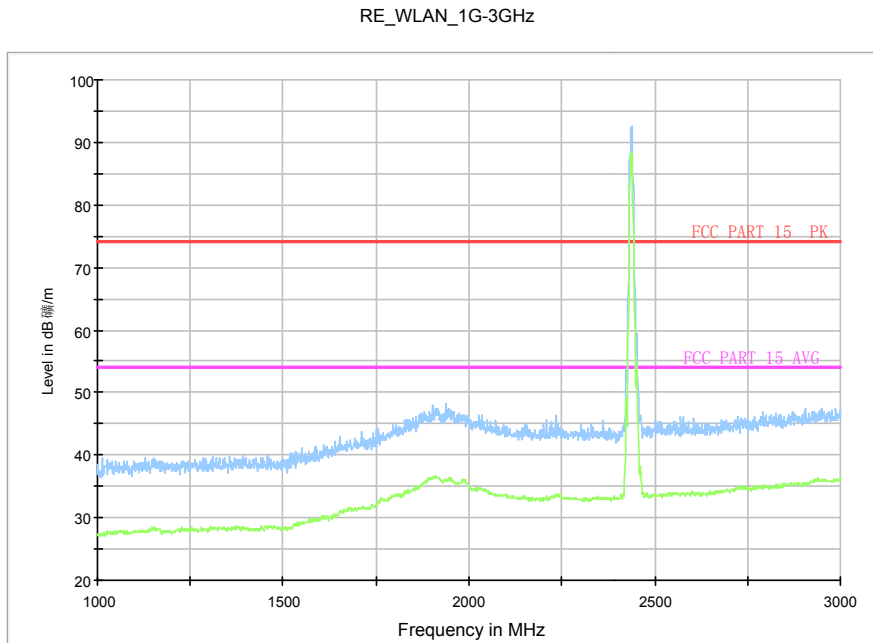
**Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 3 GHz-18 GHz)**



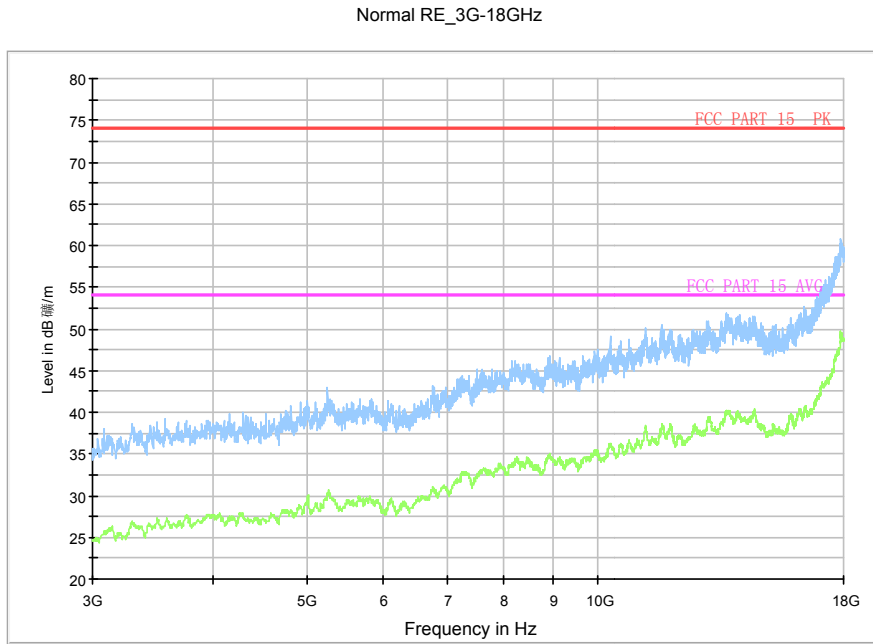
**Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 9 kHz-30 MHz)**



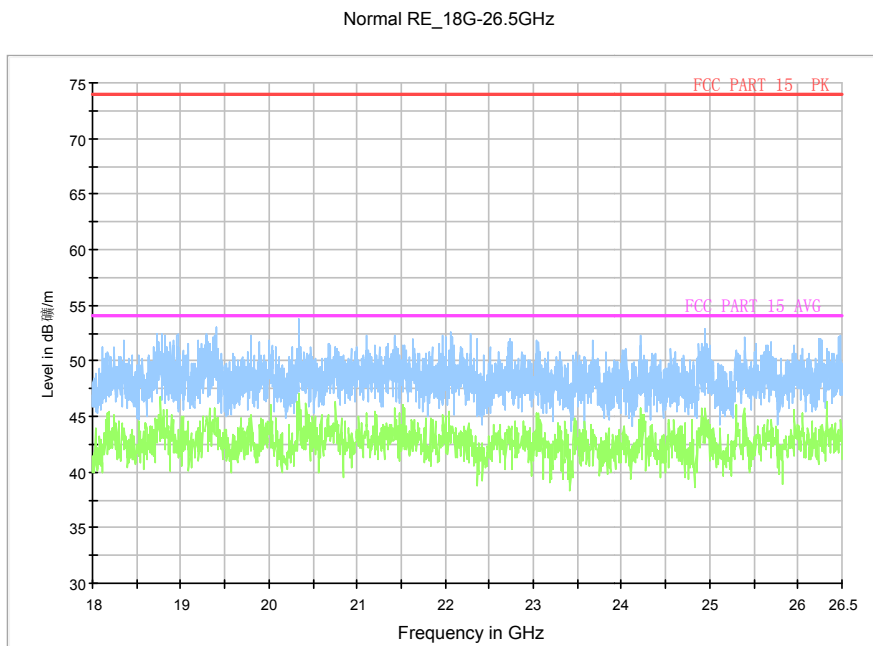
**Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 30 MHz-1 GHz)**



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

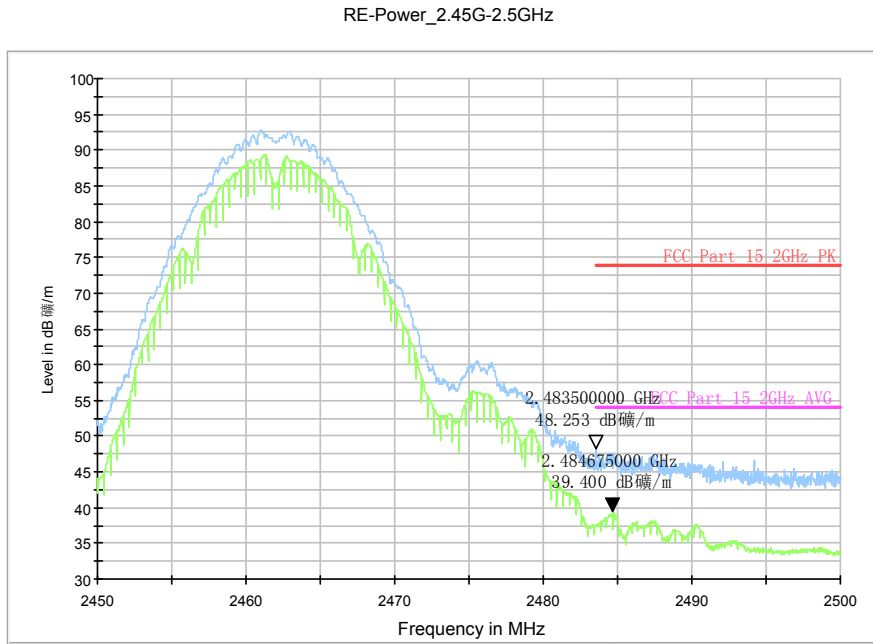


**Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 3 GHz-18 GHz)**

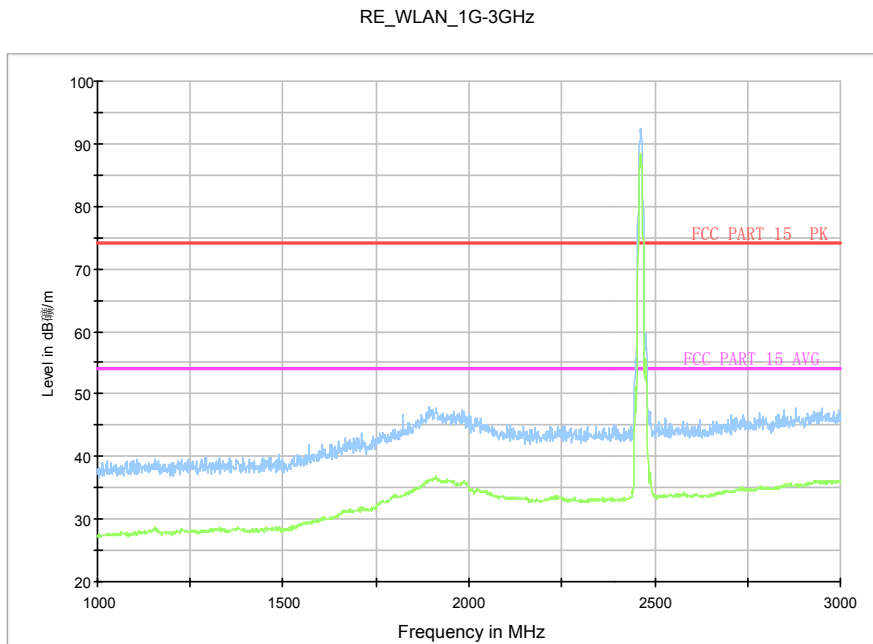


**Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 18GHz – 26.5GHz)**

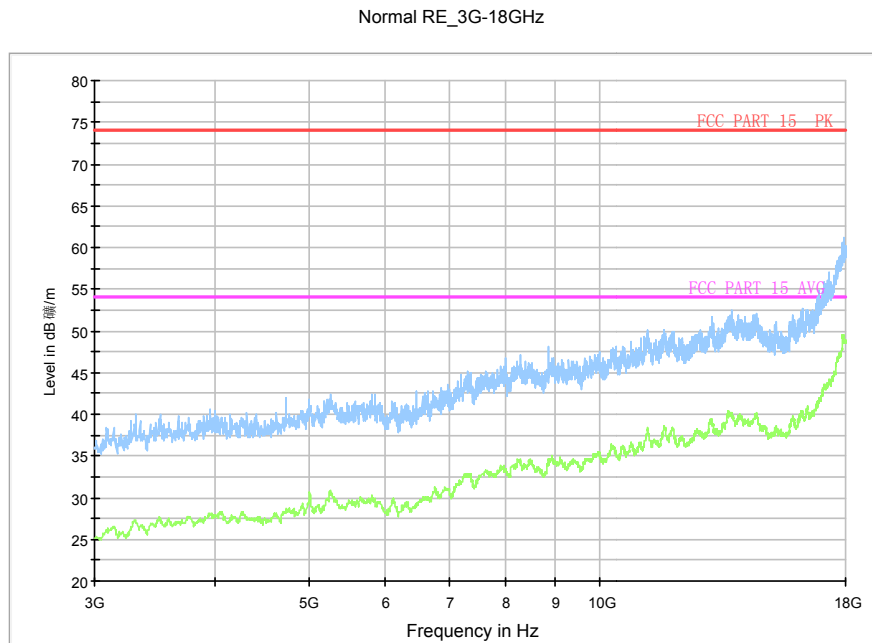




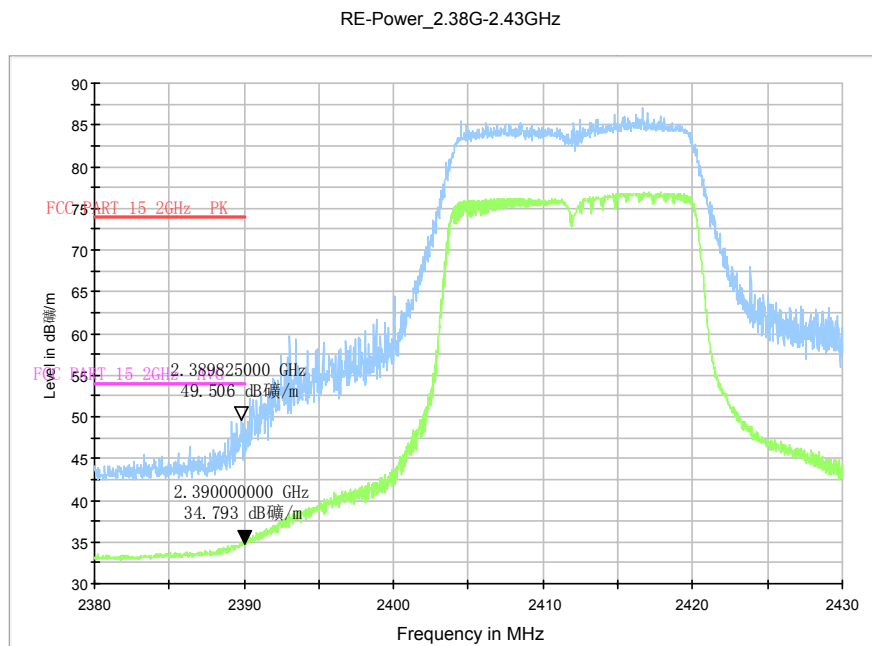
**Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz**



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



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



**Fig.A.6.2.12 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz**

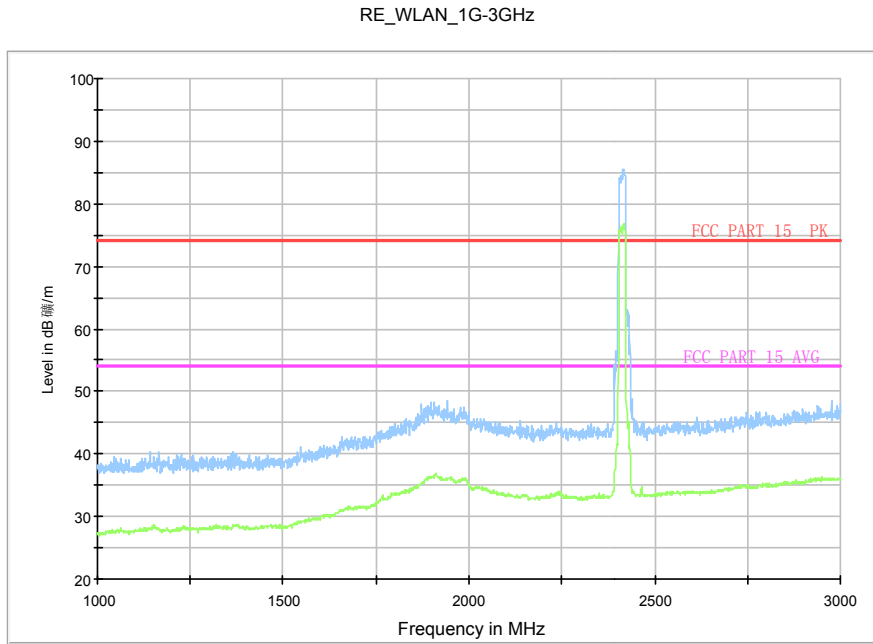


Fig.A.6.2.13 Transmitter Spurious Emission - Radiated (802.11g, Ch1, 1 GHz-3 GHz)

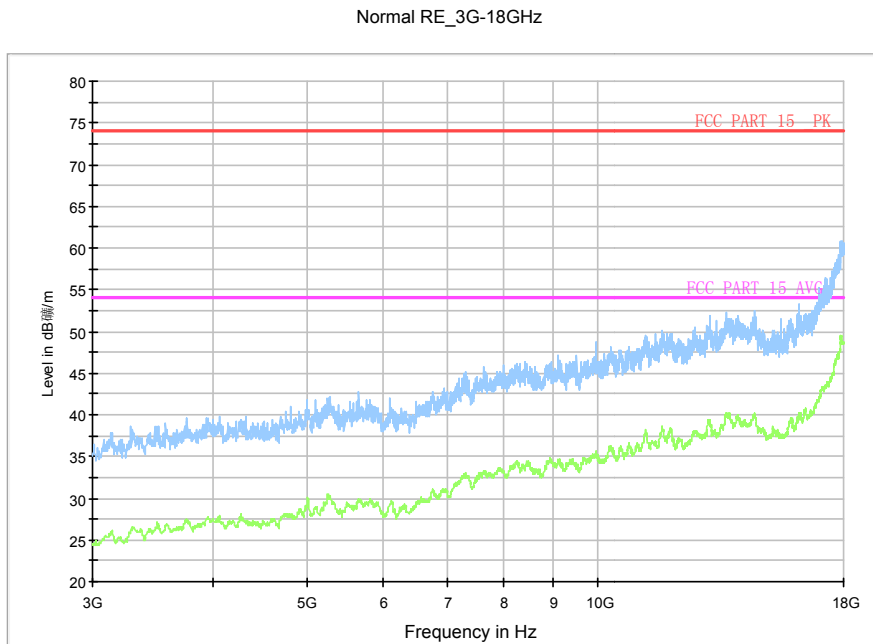
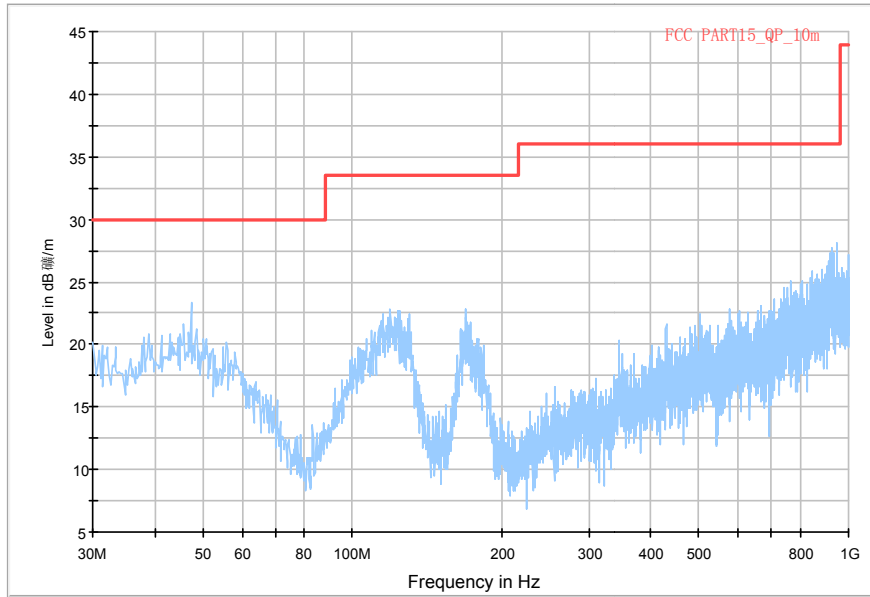


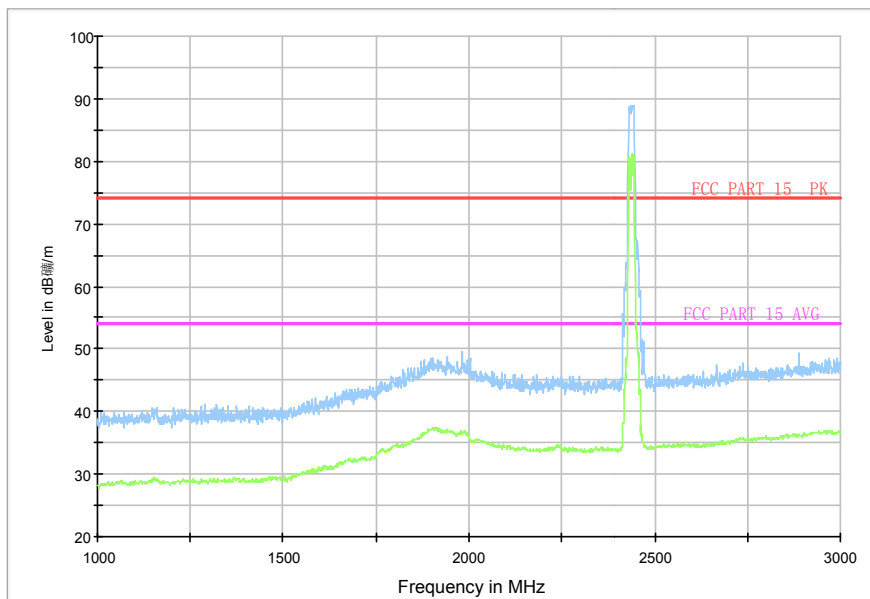
Fig.A.6.2.14 Transmitter Spurious Emission - Radiated (802.11g, Ch1, 3 GHz-18 GHz)

Normal RE\_30M-1GHz\_10m

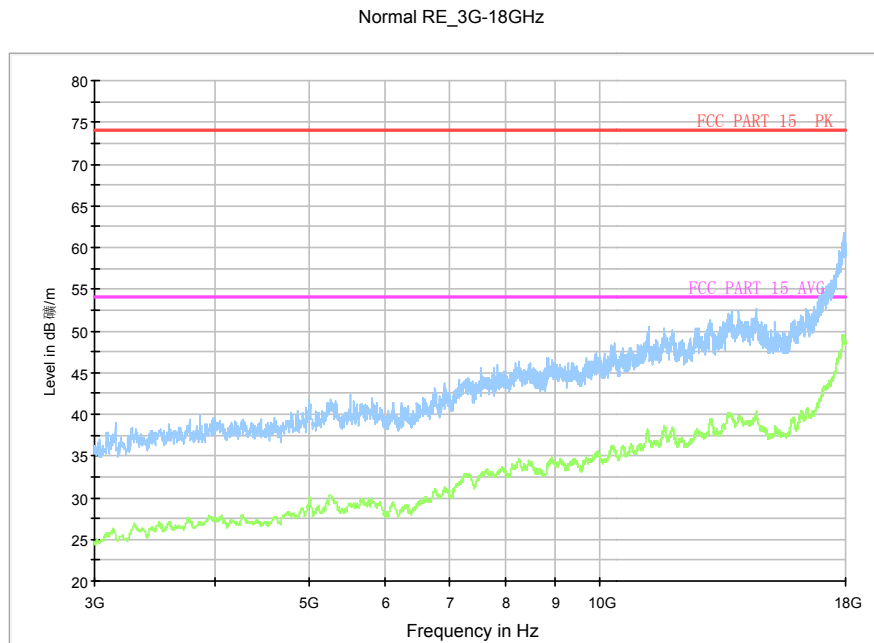


**Fig.A.6.2.15 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 30 MHz-1 GHz)**

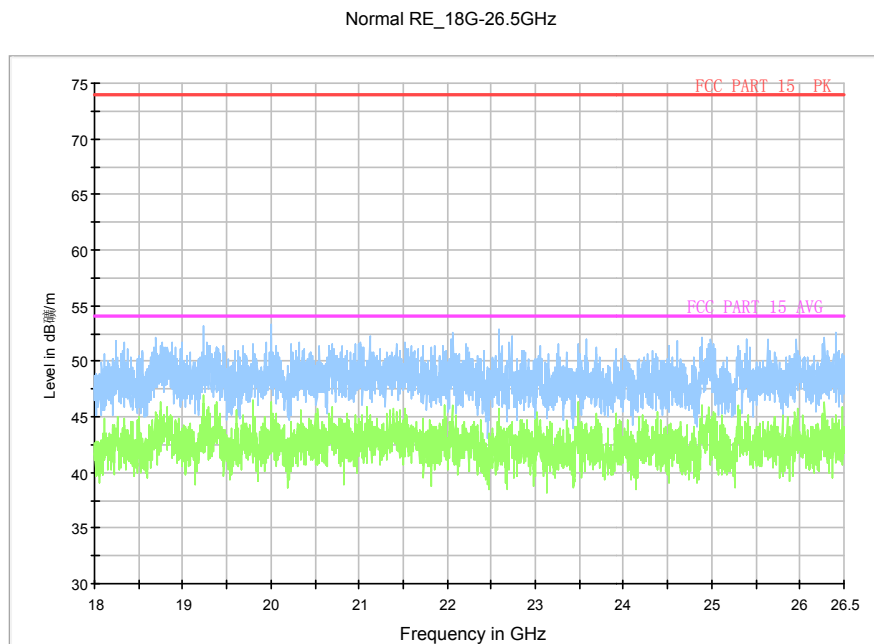
RE\_WLAN\_1G-3GHz



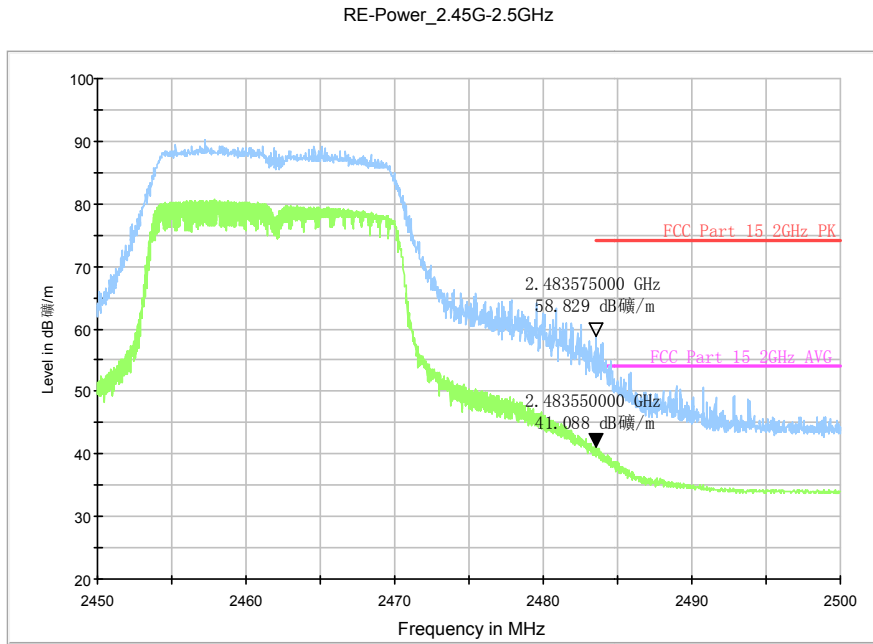
**Fig.A.6.2.16 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 1 GHz-3 GHz)**



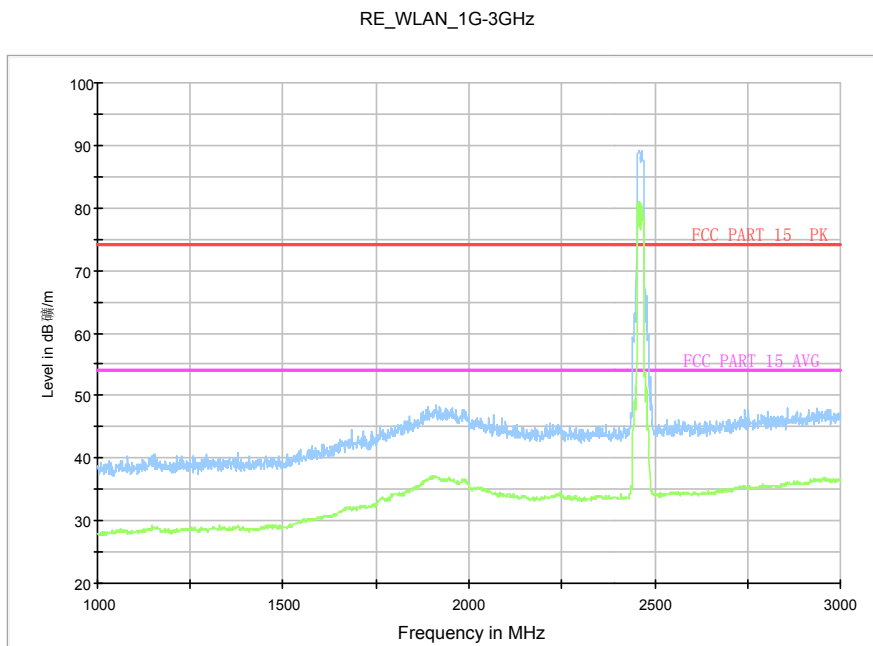
**Fig.A.6.2.17 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 3 GHz-18 GHz)**



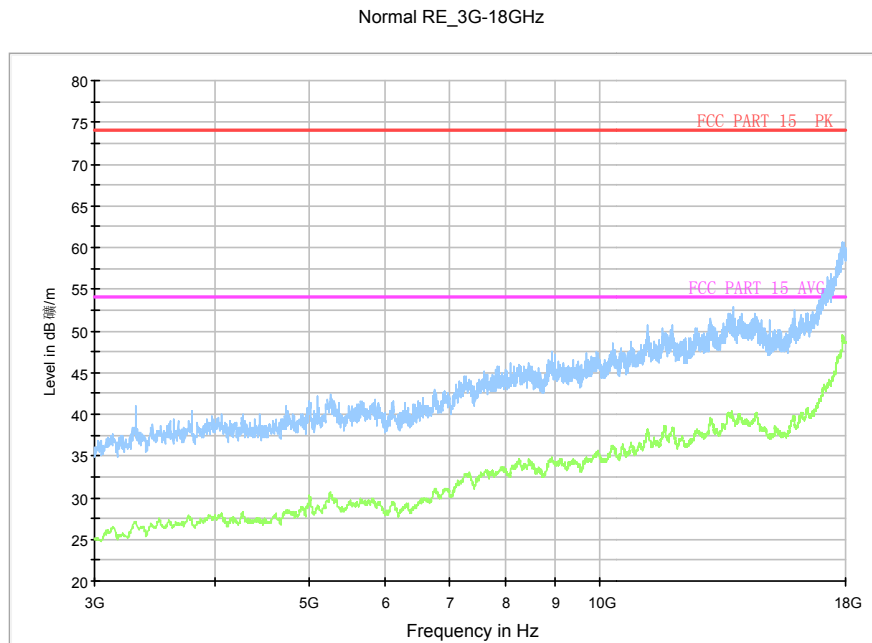
**Fig.A.6.2.18 Transmitter Spurious Emission - Radiated (802.11g, Ch6, 18GHz – 26.5GHz)**



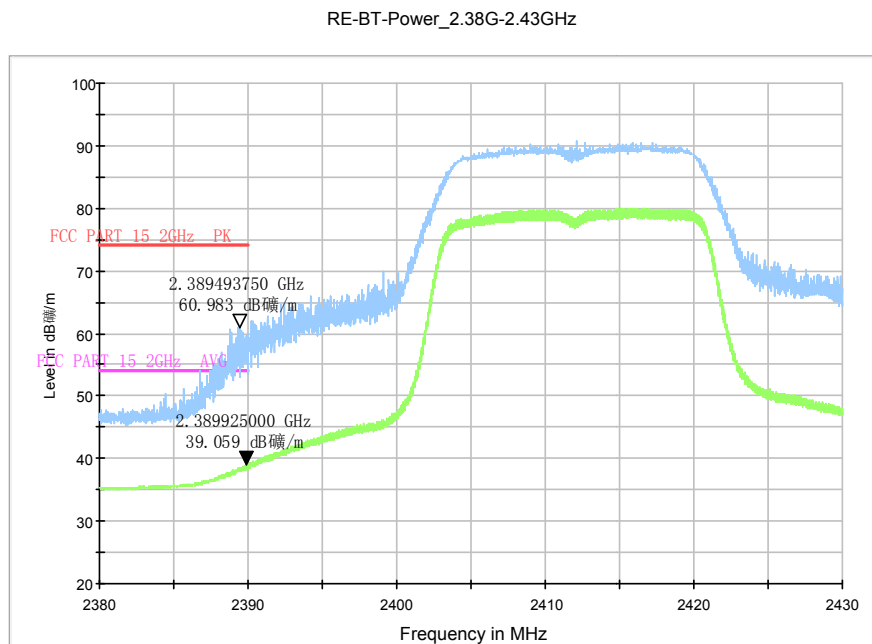
**Fig.A.6.2.19 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz**



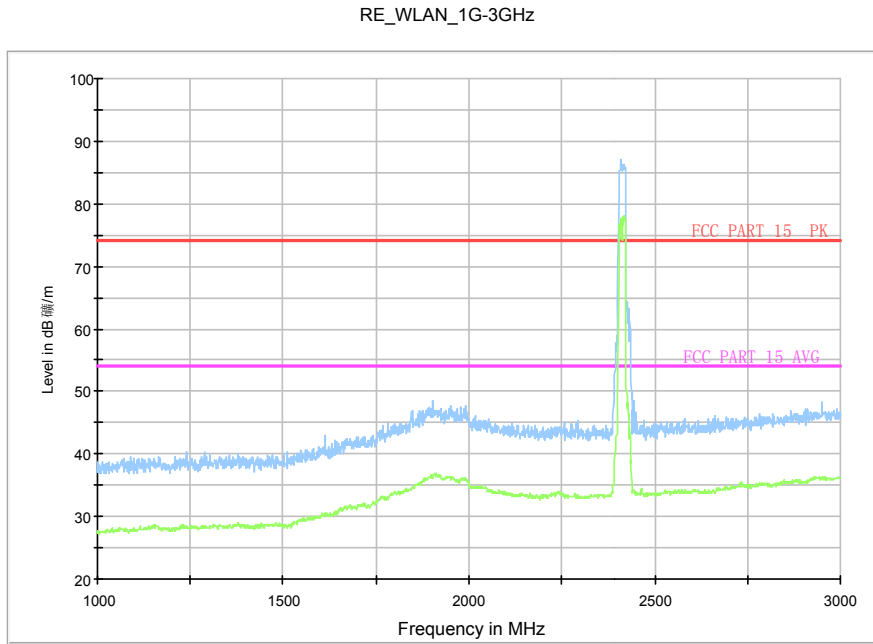
**Fig.A.6.2.20 Transmitter Spurious Emission - Radiated (802.11g, Ch11, 1 GHz-3 GHz)**



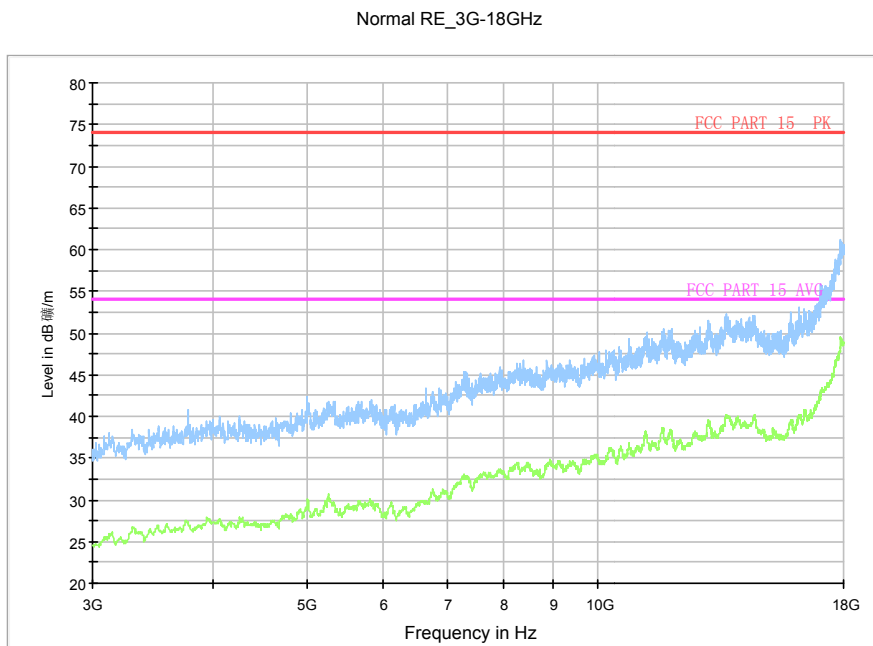
**Fig.A.6.2.21 Transmitter Spurious Emission - Radiated (802.11g, Ch11, 3 GHz-18 GHz)**



**Fig.A.6.2.22 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.45GHz**



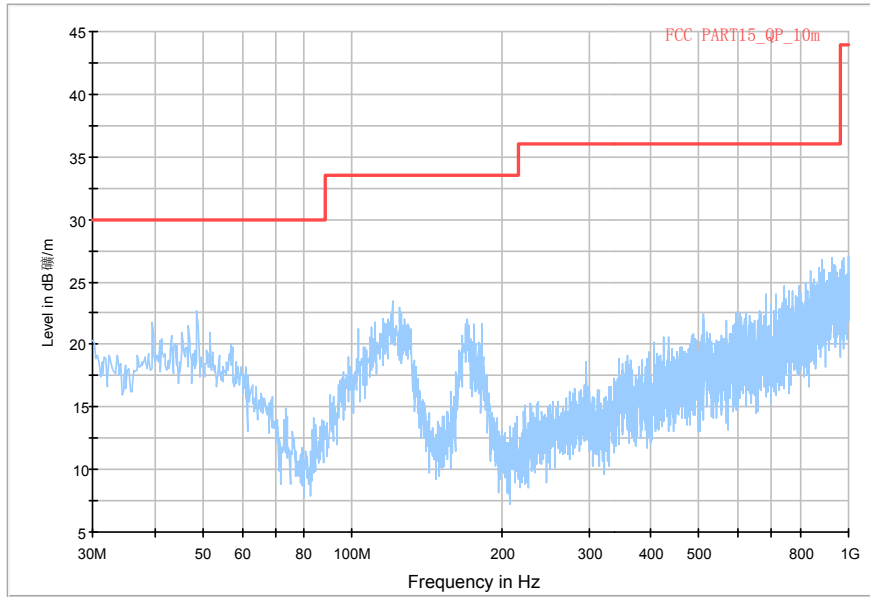
**Fig.A.6.2.23 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch1, 1 GHz-3 GHz)**



**Fig.A.6.2.24 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch1, 3 GHz-18 GHz)**

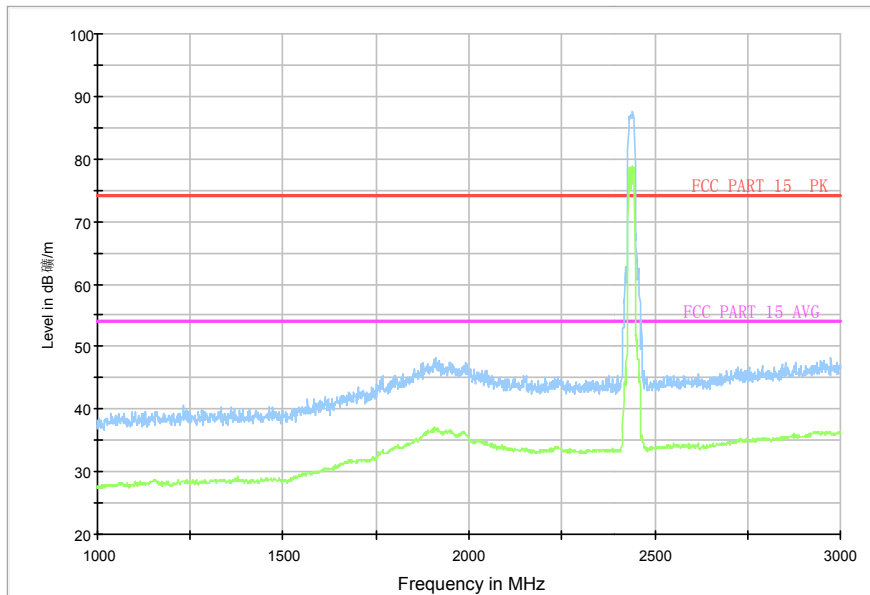


Normal RE\_30M-1GHz\_10m

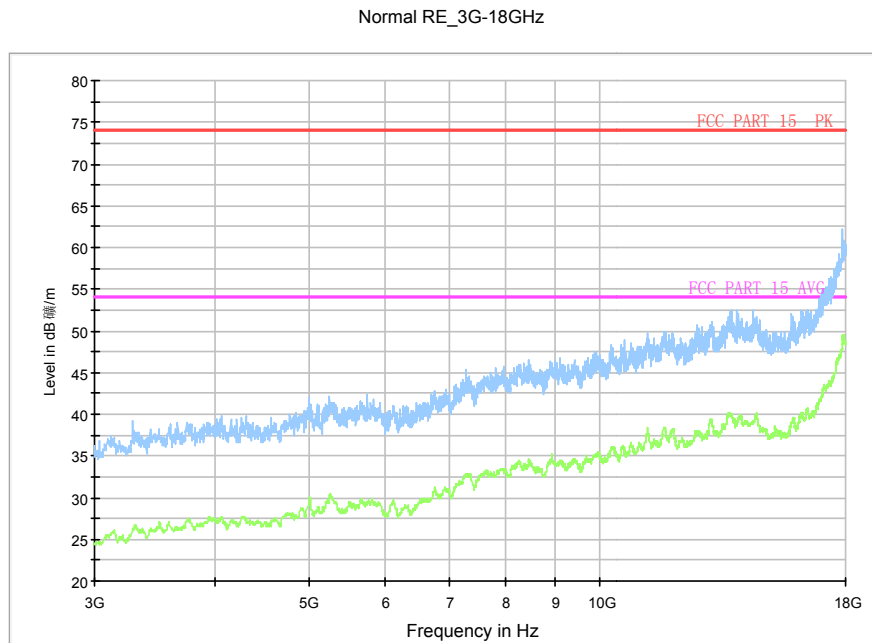


**Fig.A.6.2.25 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 30 MHz-1 GHz)**

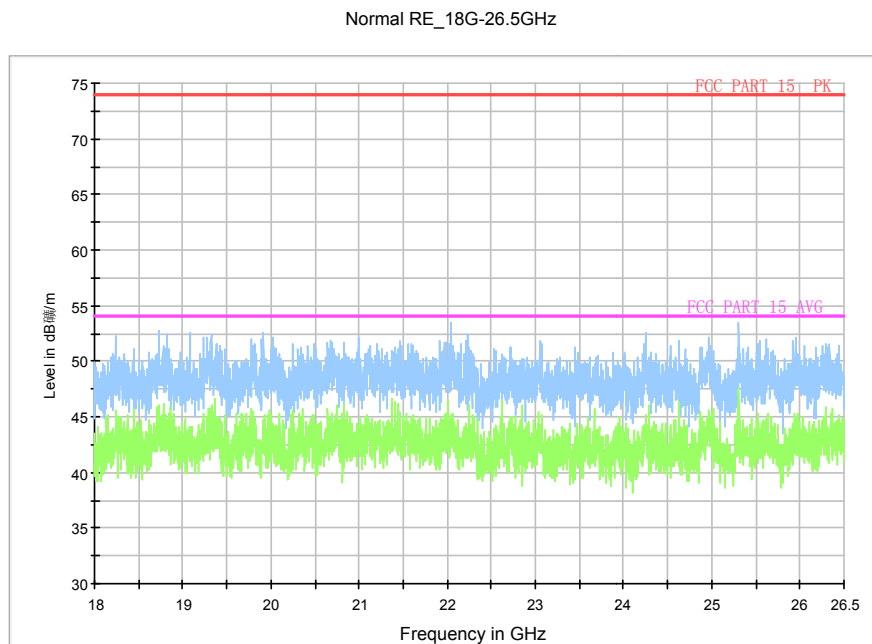
RE\_WLAN\_1G-3GHz



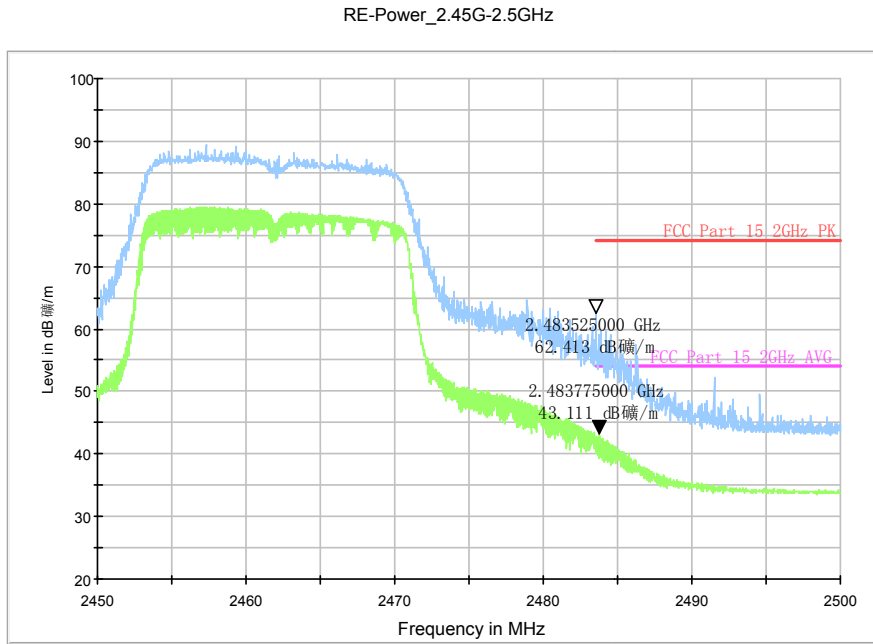
**Fig.A.6.2.26 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 1 GHz-3 GHz)**



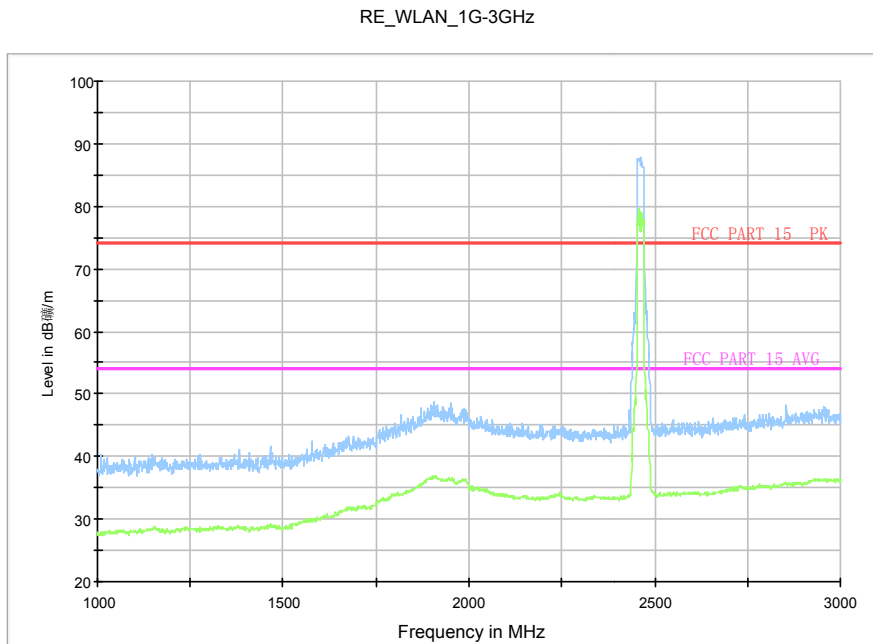
**Fig.A.6.2.27 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 3 GHz-18 GHz)**



**Fig.A.6.2.28 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch6, 18GHz – 26.5GHz)**

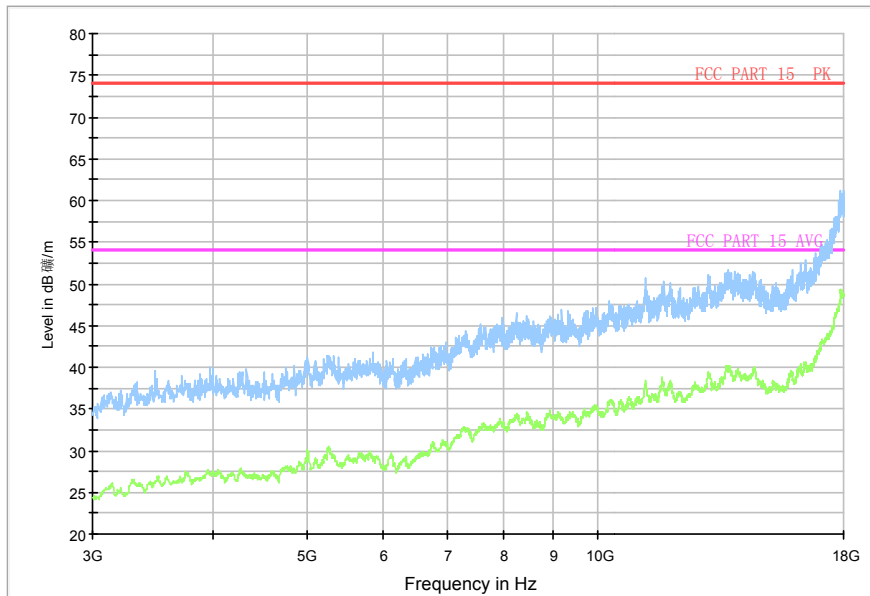


**Fig.A.6.2.29 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz**



**Fig.A.6.2.30 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch11, 1 GHz-3 GHz)**

Normal RE\_3G-18GHz



**Fig.A.6.2.31 Transmitter Spurious Emission - Radiated (802.11n-HT20, Ch11, 3 GHz-18 GHz)**



### **A.7. AC Power-line Conducted Emission**

**Method of Measurement: See ANSI C63.10-2013-clause 6.2**

- 1 The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.
- 2 If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.
- 3 The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.
- 4 If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.
- 5 If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.<sup>36</sup> Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

**Test Condition:**

<b>Voltage (V)</b>	<b>Frequency (Hz)</b>
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	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.

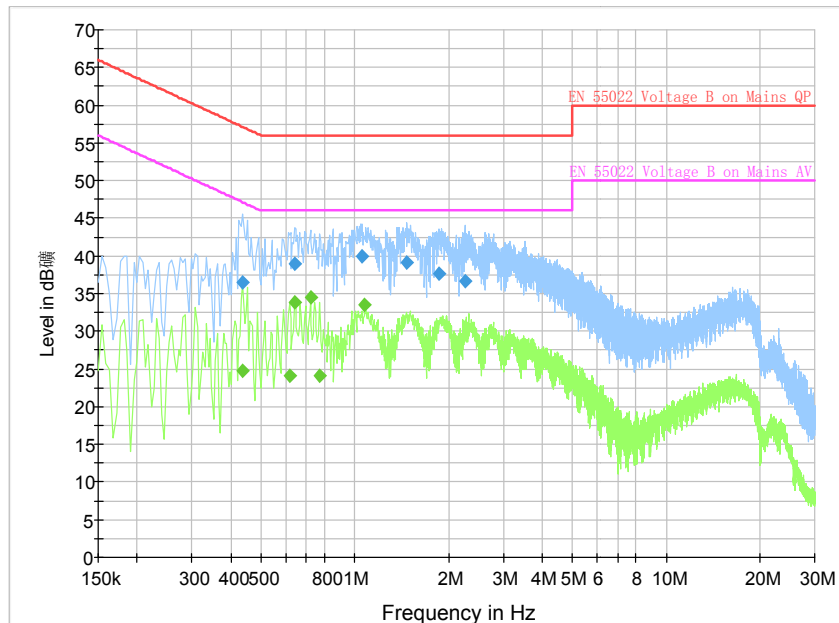
WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
		With charger		
		802.11b	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.

**Conclusion: Pass**

**Test graphs as below:**



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

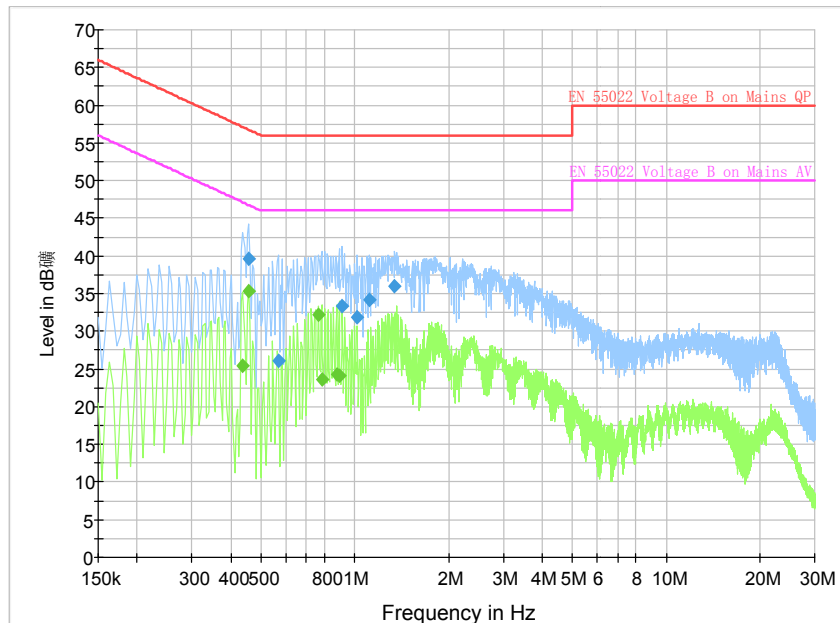
Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.438000	36.5	2000.0	9.000	On	L1	20.0	20.6	57.1
0.640500	38.9	2000.0	9.000	On	L1	19.9	17.1	56.0
1.059000	40.0	2000.0	9.000	On	L1	19.8	16.0	56.0
1.473000	39.2	2000.0	9.000	On	L1	19.7	16.8	56.0
1.860000	37.7	2000.0	9.000	On	L1	19.7	18.3	56.0
2.256000	36.6	2000.0	9.000	On	L1	19.7	19.4	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.438000	24.8	2000.0	9.000	On	L1	20.0	22.3	47.1
0.618000	24.1	2000.0	9.000	On	L1	19.9	21.9	46.0
0.640500	33.9	2000.0	9.000	On	L1	19.9	12.1	46.0
0.721500	34.5	2000.0	9.000	On	L1	19.9	11.5	46.0
0.771000	24.1	2000.0	9.000	On	L1	19.9	21.9	46.0
1.077000	33.5	2000.0	9.000	On	L1	19.8	12.5	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)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.456000	39.6	2000.0	9.000	On	N	20.0	17.1	56.8
0.568500	26.0	2000.0	9.000	On	N	20.0	30.0	56.0
0.910500	33.4	2000.0	9.000	On	L1	19.8	22.6	56.0
1.018500	31.9	2000.0	9.000	On	L1	19.7	24.1	56.0
1.117500	34.2	2000.0	9.000	On	N	19.8	21.8	56.0
1.342500	36.0	2000.0	9.000	On	L1	19.7	20.0	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.438000	25.5	2000.0	9.000	On	L1	20.0	21.6	47.1
0.456000	35.3	2000.0	9.000	On	L1	20.0	11.5	46.8
0.762000	32.2	2000.0	9.000	On	L1	19.9	13.8	46.0
0.784500	23.6	2000.0	9.000	On	L1	19.9	22.4	46.0
0.874500	24.2	2000.0	9.000	On	L1	19.8	21.8	46.0
0.892500	24.2	2000.0	9.000	On	L1	19.8	21.8	46.0



**ANNEX B: Accreditation Certificate**

 
<b>China National Accreditation Service for Conformity Assessment</b>
<b>LABORATORY ACCREDITATION CERTIFICATE</b>
<b>(No. CNAS L0570 )</b>
<b>Telecommunication Technology Labs,</b> <b>Academy of Telecommunication Research, MIIT</b> <u>No.52, Huayuan North Road, Haidian District, Beijing, China</u> <u>No.51, Xueyuan Road, Haidian District, Beijing, China</u>
<i>to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing and calibration.</i>
<i>The scope of accreditation is detailed in the attached schedule bearing the same accreditation number as above. The schedule forms an integral part of this certificate.</i>
Date of Issue: 2014-10-29 Date of Expiry: 2017-06-19 Date of Initial Accreditation: 1998-07-03

Signed on behalf of China National Accreditation Service for Conformity Assessment
<small>China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is the signatory to International Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (ILAC MRA) and Asia Pacific Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (APLAC MRA).</small>
No.CNAS AL 2 <span style="float: right;">0011149</span>

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