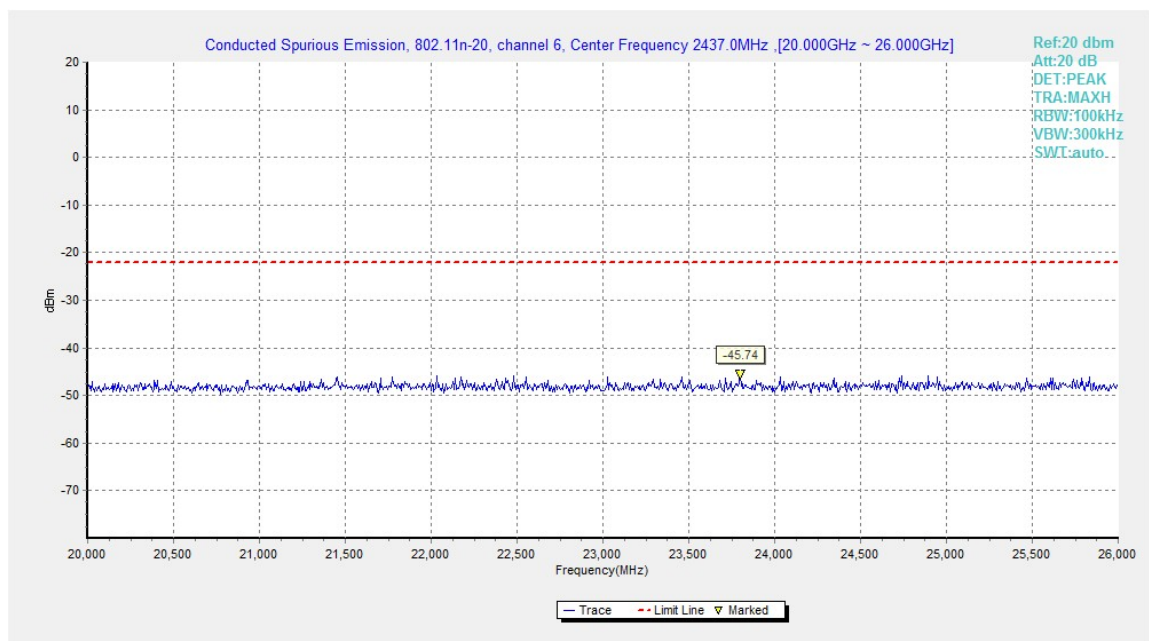
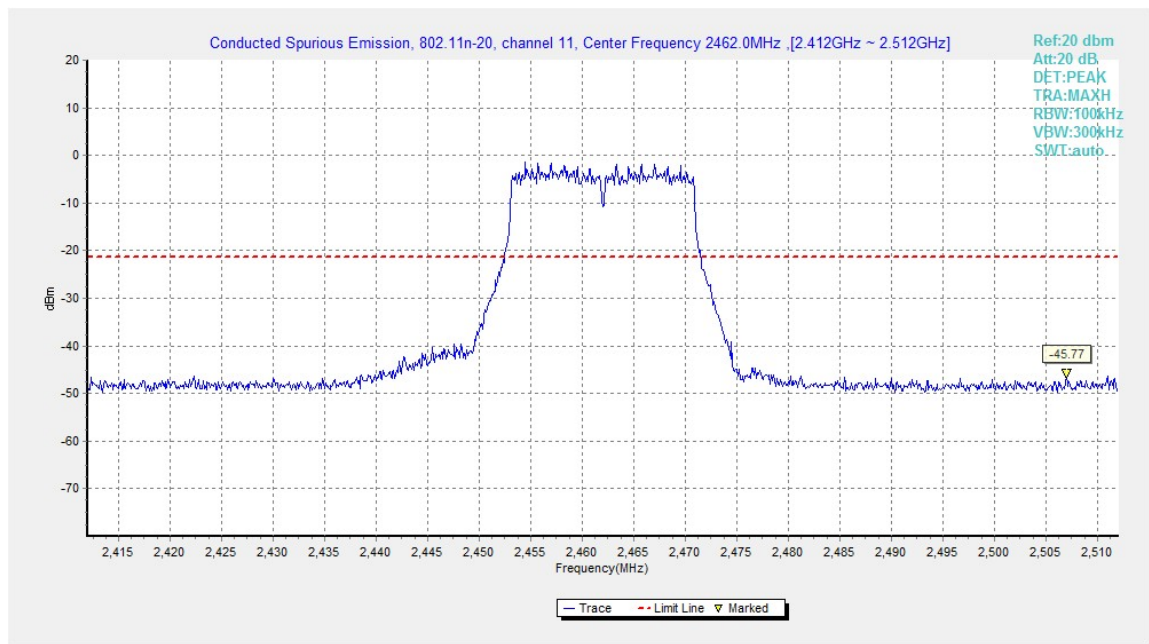


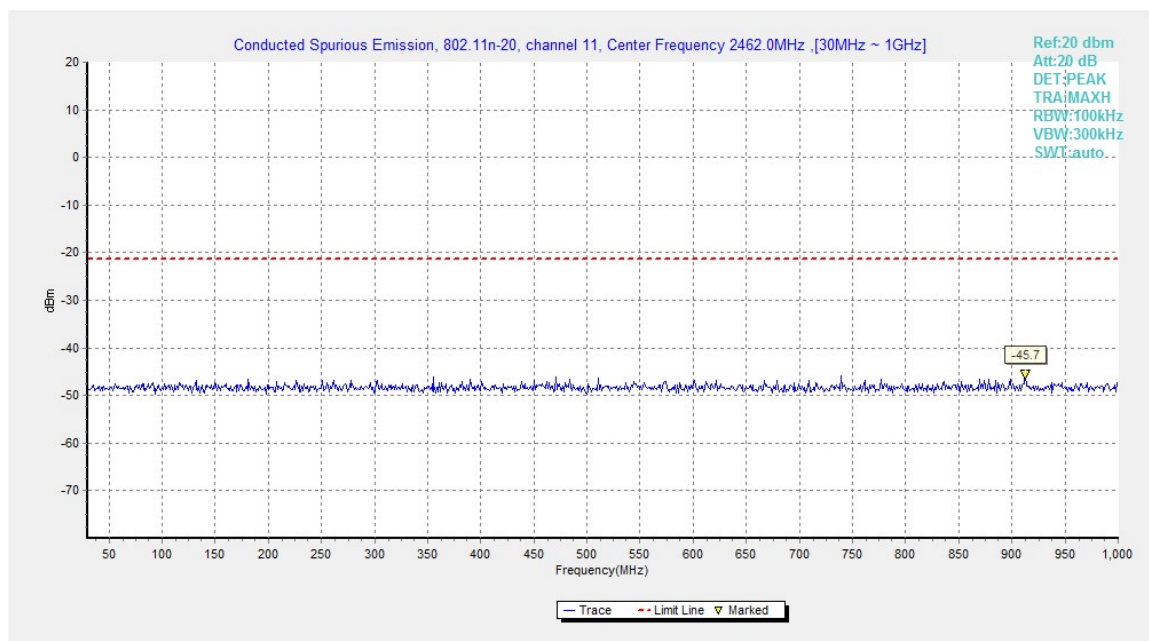
**Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)**



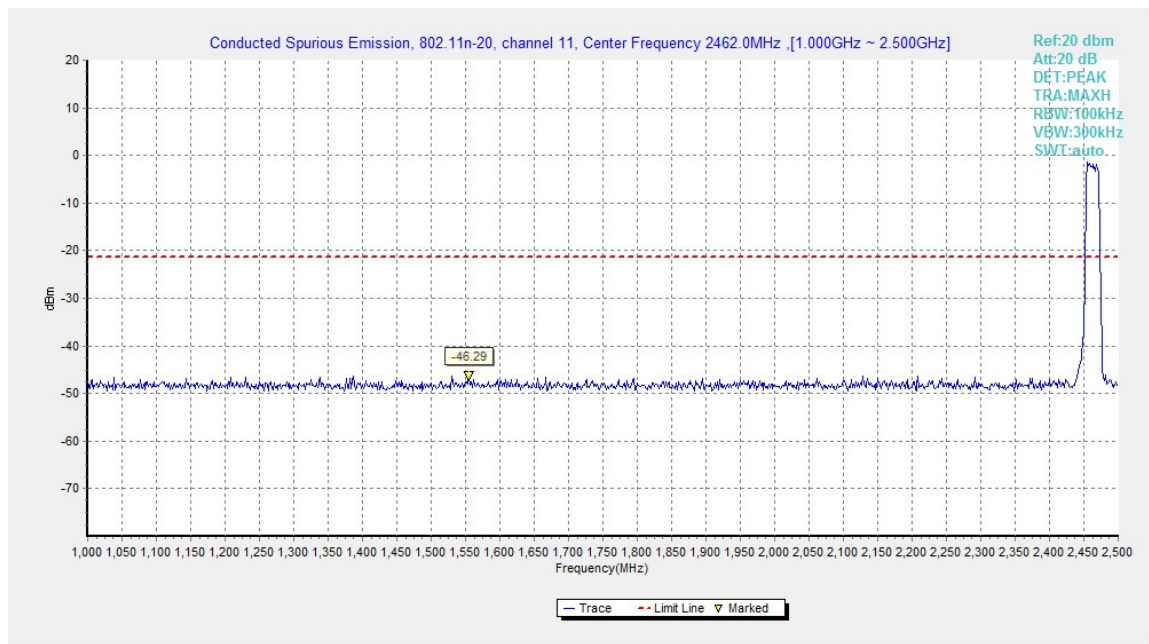
**Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)**



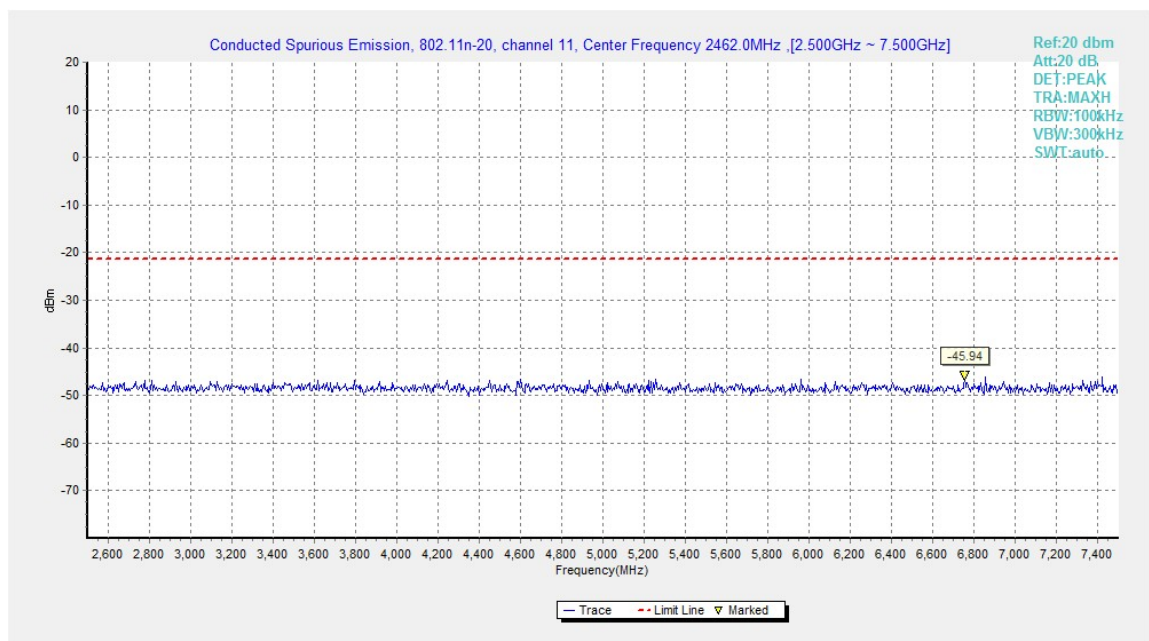
**Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)**



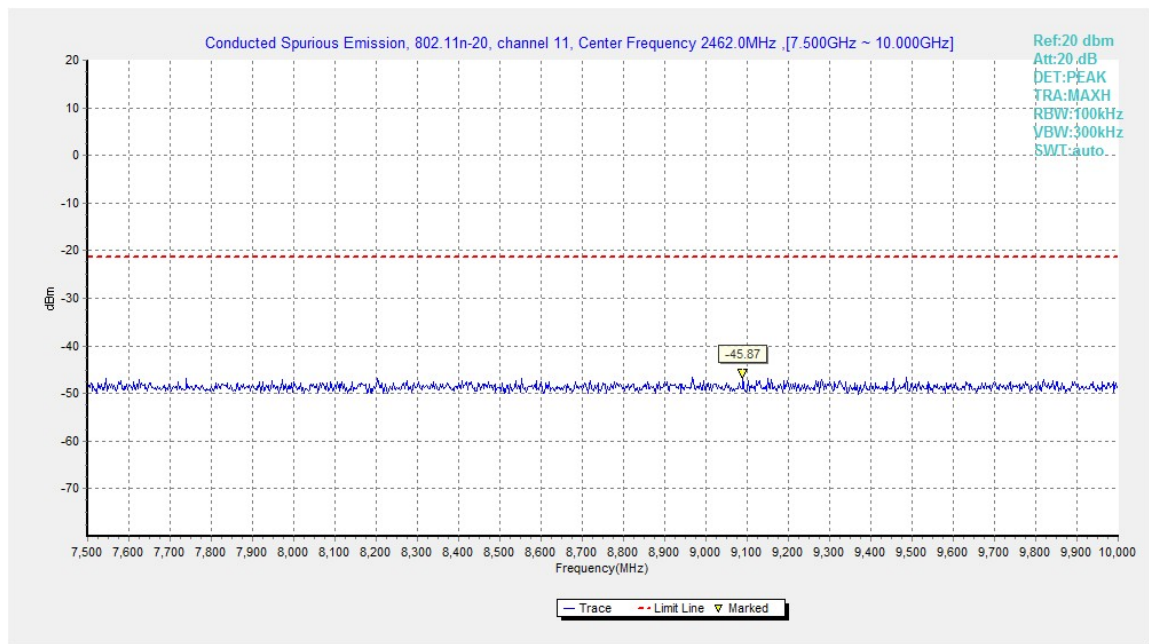
**Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)**



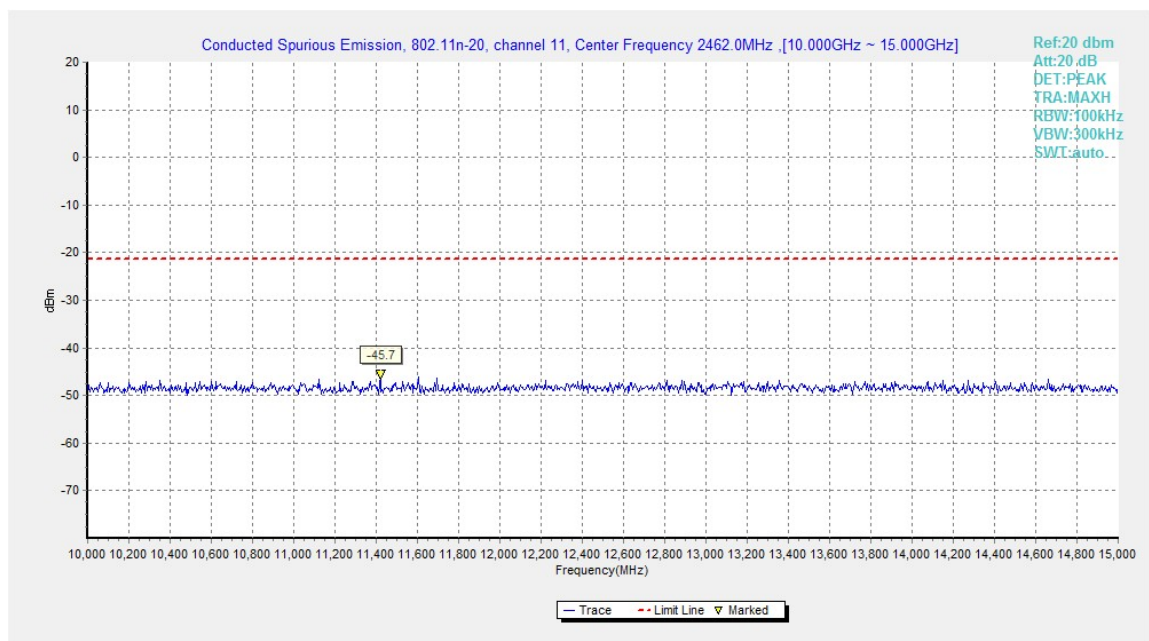
**Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)**



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

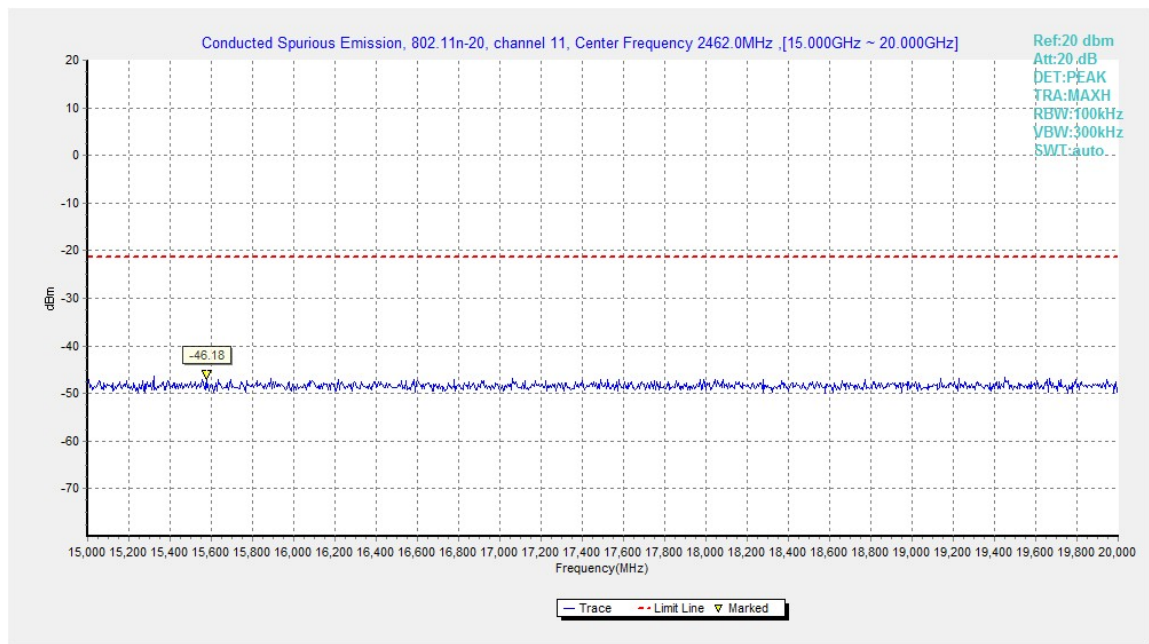


**Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)**

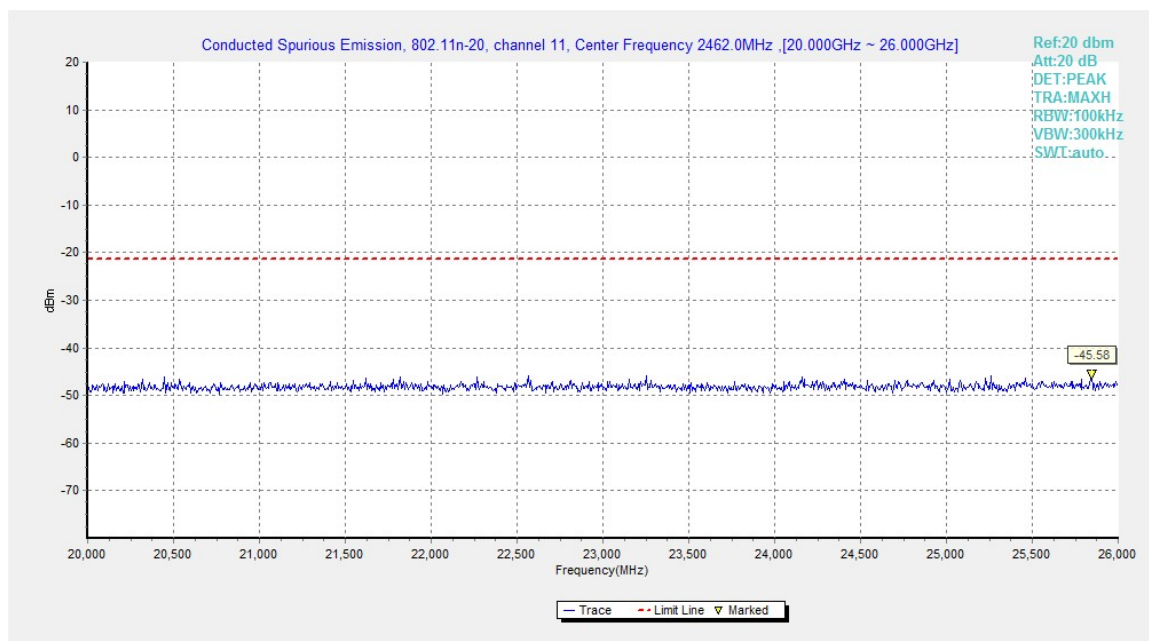


**Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)**





**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(uV/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(μV/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 for Set.11:**
**802.11b mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.43GHz	Fig.A.6.2.1	P
	1	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
	6	9 kHz ~30 MHz	--	P
		30 MHz ~1 GHz	--	P
		1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
		18 GHz~ 26.5 GHz	--	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.2	P
	11	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P

**802.11g mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.3	P
	1	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
	6	30 MHz ~1 GHz	--	P
		1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
		18 GHz~ 26.5 GHz	--	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.4	P
	11	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P

**802.11n-HT20 mode**

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.43GHz	Fig.A.6.2.5	P
	1	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
	6	30 MHz ~1 GHz	--	P
		1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P
		18 GHz~ 26.5 GHz	--	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.6	P
	11	1 GHz ~ 3 GHz	--	P
		3 GHz ~ 18 GHz	--	P

**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:

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



### 802.11b-Average

Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2386.800	46.8	2.9	32.0	11.92	54.0	7.2	H	155	35
2387.410	46.8	2.9	32.0	11.93	54.0	7.2	V	155	41
4824.000	29.15	-32.8	34.5	27.40	54.0	24.9	H	155	56
7236.000	30.36	-31.7	36.1	26.00	54.0	23.6	H	155	4
9648.000	33.11	-30.4	37.0	26.43	54.0	20.9	H	155	18
12060.000	35.31	-29.6	39.3	25.63	54.0	18.7	H	155	48

Ch6

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2388.450	46.9	2.9	32.0	12.07	54.0	7.1	H	155	91
2492.632	47.0	2.9	32.5	11.58	54.0	7.0	H	155	78
4873.500	29.60	-32.7	34.5	27.81	54.0	24.4	H	155	20
7311.000	30.13	-31.9	36.1	25.96	54.0	23.9	H	155	28
9748.500	32.62	-30.7	37.2	26.09	54.0	21.4	H	155	4
12184.500	35.37	-29.4	39.2	25.58	54.0	18.6	H	155	40

Ch11

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2484.600	47.3	2.9	32.7	11.68	54.0	6.7	H	155	203
2485.800	47.2	2.9	32.7	11.54	54.0	6.8	H	155	198
4924.500	29.76	-33.1	34.5	28.35	54.0	24.2	H	155	136
7386.000	30.69	-31.8	36.0	26.49	54.0	23.3	H	155	0
9847.500	33.70	-30.1	37.3	26.45	54.0	20.3	H	155	40
12310.500	34.21	-29.7	39.2	24.73	54.0	19.8	H	155	15

**802.11b-Peak**  
Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2380.728	59.4	2.9	32.1	24.50	74.0	14.6	H	155	44
2386.930	60.1	2.9	32.0	25.27	74.0	13.9	H	155	44
4824.000	40.2	-32.8	34.5	38.41	74.0	33.8	V	155	66
7236.000	42.8	-31.7	36.1	38.40	74.0	31.2	V	155	0
9648.000	45.1	-30.4	37.0	38.41	74.0	28.9	H	155	22
12060.000	46.9	-29.6	39.3	37.19	74.0	27.1	H	155	44

Ch6

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2371.600	51.3	-28.5	32.0	47.78	74.0	22.7	H	155	88
2650.600	50.7	-27.7	33.7	44.69	74.0	23.3	V	155	110
4874.250	39.7	-32.7	34.5	37.86	74.0	34.4	V	155	44
7311.000	41.1	-31.9	36.1	36.91	74.0	32.9	V	155	22
9747.750	44.7	-30.7	37.2	38.13	74.0	29.3	V	155	0
12185.250	48.4	-29.4	39.2	38.64	74.0	25.6	V	155	44

Ch11

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2484.241	60.1	2.9	32.7	24.41	74.0	13.9	V	155	220
2487.843	60.0	2.9	32.6	24.47	74.0	14.0	H	155	242
4923.750	40.4	-33.1	34.5	38.96	74.0	33.6	H	155	132
7386.000	42.8	-31.8	36.0	38.62	74.0	31.2	H	155	0
9848.250	44.9	-30.1	37.3	37.67	74.0	29.1	V	155	44
12309.750	46.0	-29.7	39.2	36.56	74.0	28.0	H	155	22

**802.11g - Average**

Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2388.230	46.9	2.9	32.0	12.07	54.0	7.1	V	155	78
2389.201	47.0	2.9	32.0	12.20	54.0	7.0	H	155	76
4824.000	29.66	-32.8	34.5	27.91	54.0	24.3	H	155	118
7236.000	30.70	-31.7	36.1	26.34	54.0	23.3	H	155	0
9648.000	33.07	-30.4	37.0	26.39	54.0	20.9	H	155	18
12060.000	35.19	-29.6	39.3	25.52	54.0	18.8	H	155	340

Ch6

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2386.452	47.0	2.9	32.0	12.14	54.0	7.0	H	155	181
2488.963	47.2	2.9	32.6	11.67	54.0	6.8	V	155	150
4873.500	29.40	-32.7	34.5	27.61	54.0	24.6	H	155	82
7311.000	29.90	-31.9	36.1	25.73	54.0	24.1	H	155	4
9748.500	32.40	-30.7	37.2	25.87	54.0	21.6	H	155	68
12184.500	35.30	-29.4	39.2	25.51	54.0	18.7	H	155	115

Ch11

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2486.020	47.5	2.9	32.7	11.83	54.0	6.5	V	155	54
2486.500	47.3	2.9	32.7	11.69	54.0	6.7	H	155	72
4924.500	29.58	-33.1	34.5	28.16	54.0	24.4	H	155	136
7386.000	30.65	-31.8	36.0	26.44	54.0	23.4	H	155	48
9847.500	33.60	-30.1	37.3	26.35	54.0	20.4	H	155	2
12310.500	34.21	-29.7	39.2	24.74	54.0	19.8	H	155	72

**802.11g - Peak**  
Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2389.478	63.2	2.9	32.0	28.37	74.0	10.8	H	155	66
2389.890	63.7	2.9	32.0	28.90	74.0	10.3	H	155	44
4824.000	41.3	-32.8	34.5	39.52	74.0	32.7	V	155	44
7236.000	46.4	-31.7	36.1	42.08	74.0	27.6	H	155	0
9648.000	45.8	-30.4	37.0	39.14	74.0	28.2	H	155	22
12060.000	46.8	-29.6	39.3	37.09	74.0	27.2	V	155	352

Ch6

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2359.000	49.8	-28.5	31.8	46.50	74.0	24.2	V	155	22
2644.400	52.3	-27.8	33.6	46.44	74.0	21.7	H	155	44
4874.250	40.9	-32.7	34.5	39.09	74.0	33.1	H	155	88
7311.000	40.0	-31.9	36.1	35.87	74.0	34.0	V	155	0
9747.750	42.8	-30.7	37.2	36.30	74.0	31.2	V	155	66
12185.250	47.1	-29.4	39.2	37.35	74.0	26.9	V	155	110

Ch11

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2483.820	71.4	2.9	32.8	35.75	74.0	2.6	H	155	44
2483.690	72.1	2.9	32.8	36.45	74.0	1.9	H	155	66
4923.750	40.8	-33.1	34.5	39.37	74.0	33.2	V	155	132
7386.000	43.1	-31.8	36.0	38.93	74.0	30.9	V	155	44
9848.250	44.7	-30.1	37.3	37.42	74.0	29.3	V	155	0
12309.750	46.2	-29.7	39.2	36.72	74.0	27.8	H	155	66

**802.11n-HT20-Average**  
Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2387.500	46.6	2.9	32.0	11.71	54.0	7.4	H	155	143
2389.400	46.7	2.9	32.0	11.81	54.0	7.3	V	155	57
4824.000	30.22	-32.8	34.5	28.47	54.0	23.8	H	155	249
7236.000	31.12	-31.7	36.1	26.76	54.0	22.9	H	155	273
9648.000	32.81	-30.4	37.0	26.13	54.0	21.2	H	155	1
12060.000	35.07	-29.6	39.3	25.39	54.0	18.9	H	155	17

Ch6

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2382.694	47.0	2.9	32.0	12.09	54.0	7.0	H	155	145
2491.786	47.1	2.9	32.5	11.66	54.0	6.9	V	155	187
4873.500	30.23	-32.7	34.5	28.44	54.0	23.8	H	155	48
7311.000	30.88	-31.9	36.1	26.71	54.0	23.1	H	155	2
9748.500	32.19	-30.7	37.2	25.66	54.0	21.8	H	155	24
12184.500	35.05	-29.4	39.2	25.26	54.0	19.0	H	155	269

Ch11

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2485.920	47.5	2.9	32.7	11.85	54.0	6.5	H	155	99
2486.430	47.4	2.9	32.7	11.75	54.0	6.6	H	155	131
4924	30.25	-33.1	34.5	28.84	54.0	23.8	H	155	295
7386.000	31.72	-31.8	36.0	27.52	54.0	22.3	H	155	94
9848.000	33.55	-30.1	37.3	26.29	54.0	20.5	H	155	275
12310.000	33.92	-29.7	39.2	24.45	54.0	20.1	H	155	3

**802.11n-HT20-Peak**

Ch1

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2389.254	62.5	2.9	32.0	27.64	74.0	11.5	H	155	242
2389.492	62.5	2.9	32.0	27.64	74.0	11.5	V	155	88
4810.500	44.2	-32.8	34.5	42.49	74.0	29.8	H	155	242
7222.500	46.1	-31.7	36.1	41.71	74.0	27.9	V	155	264
17012.250	52.2	-25.6	41.4	36.38	74.0	21.8	H	155	0
17740.500	52.7	-24.1	41.0	35.78	74.0	21.3	H	155	22

Ch6

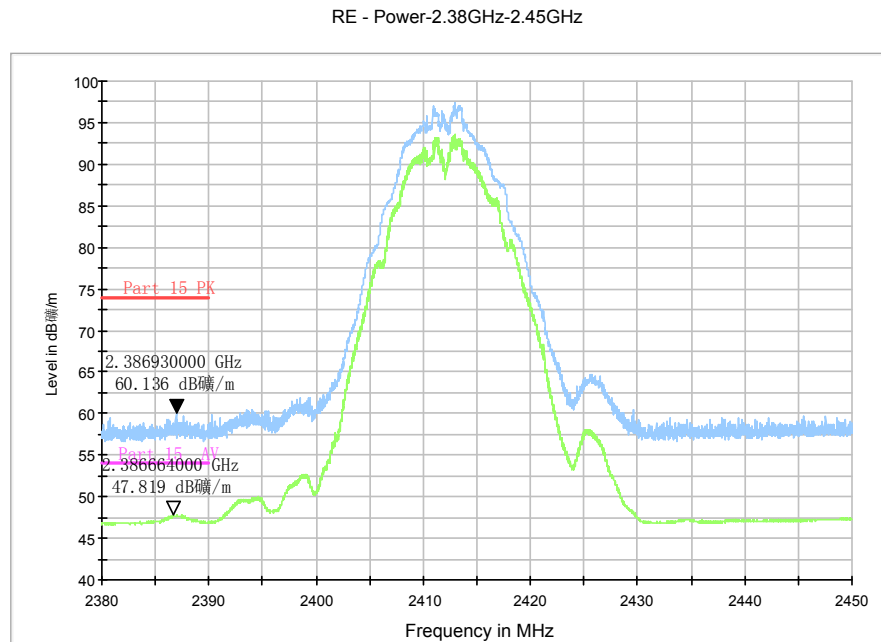
Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2325.200	48.7	-28.9	31.2	46.31	74.0	25.3	V	155	88
2581.800	51.0	-27.8	33.0	45.84	74.0	23.0	H	155	132
4875.000	44.6	-32.7	34.5	42.76	74.0	29.4	V	155	44
7323.200	45.7	-31.9	36.1	41.53	74.0	28.3	V	155	0
16380.200	51.7	-25.7	40.9	36.53	74.0	22.3	V	155	22
17738.250	52.9	-24.2	41.0	36.01	74.0	21.1	V	155	264

Ch11

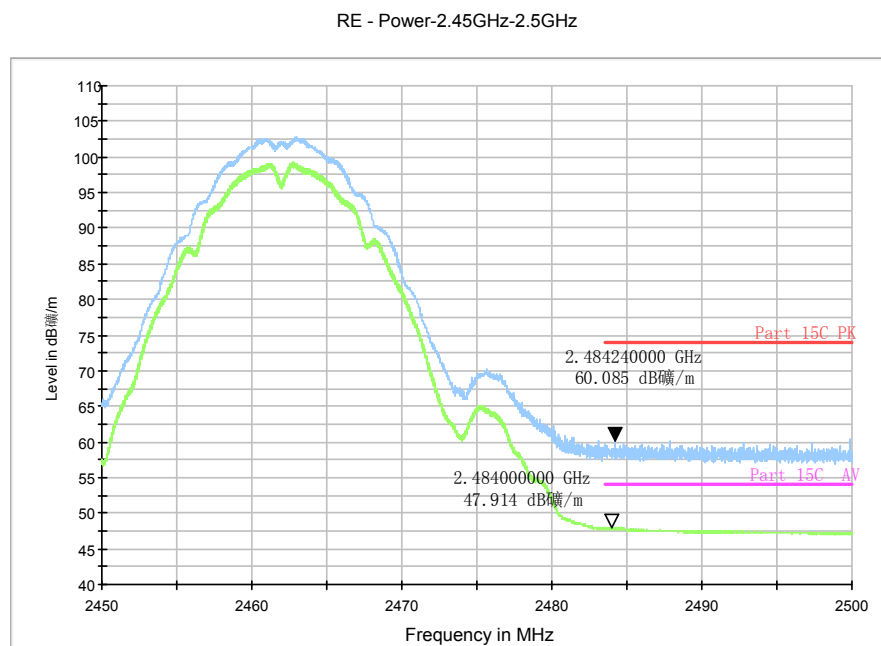
Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)	Antenna Height (cm)	Turntable angle (deg)
2483.780	71.7	2.9	32.8	36.06	74.0	2.3	H	155	44
2483.920	71.5	2.9	32.7	35.85	74.0	2.5	H	155	88
4925.250	50.0	-33.1	34.5	48.57	74.0	24.0	V	155	284
17899.500	53.5	-24.2	40.9	36.83	74.0	20.5	H	155	88
17799.750	53.1	-23.2	41.0	35.28	74.0	20.9	H	155	264
17937.000	53.0	-24.7	40.9	36.82	74.0	21.0	V	155	0



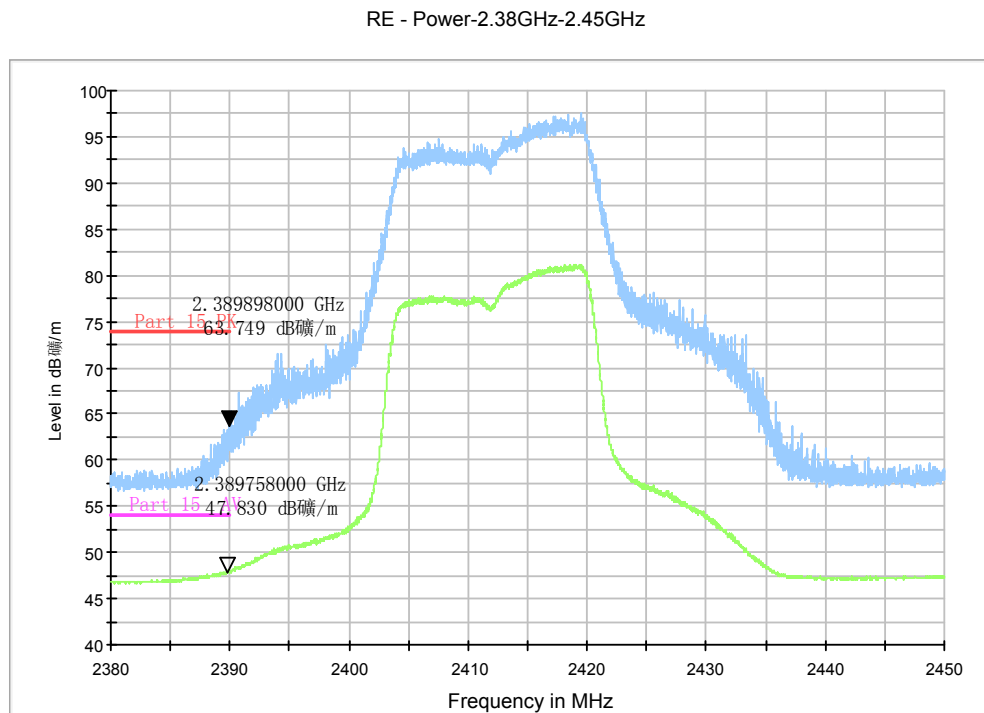
Test graphs as below:



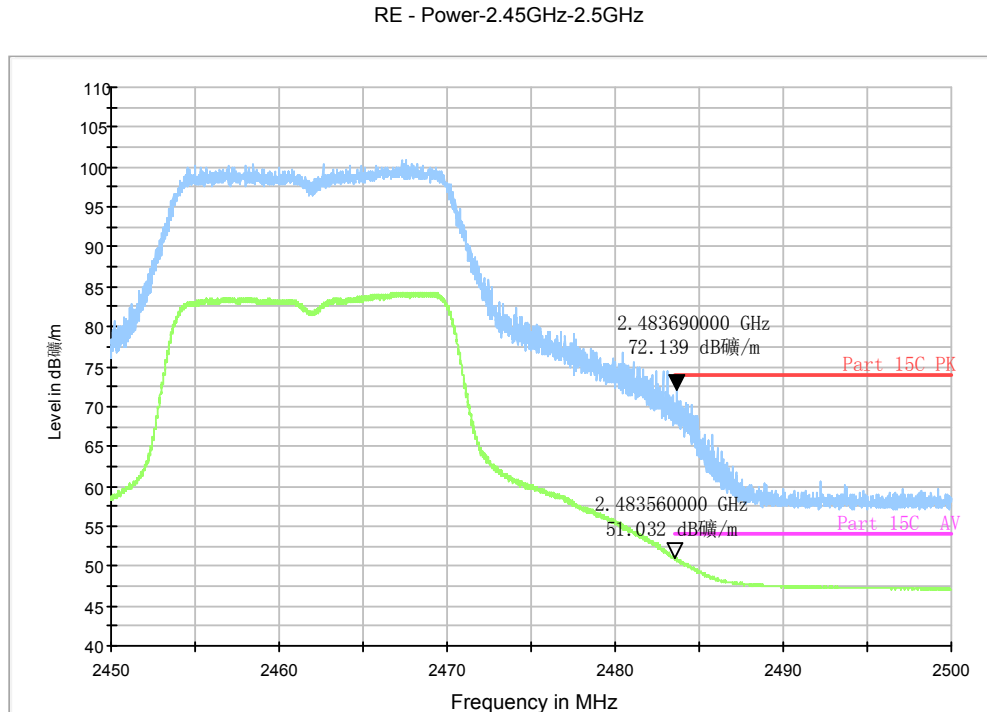
**Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz  
– 2.43GHz**



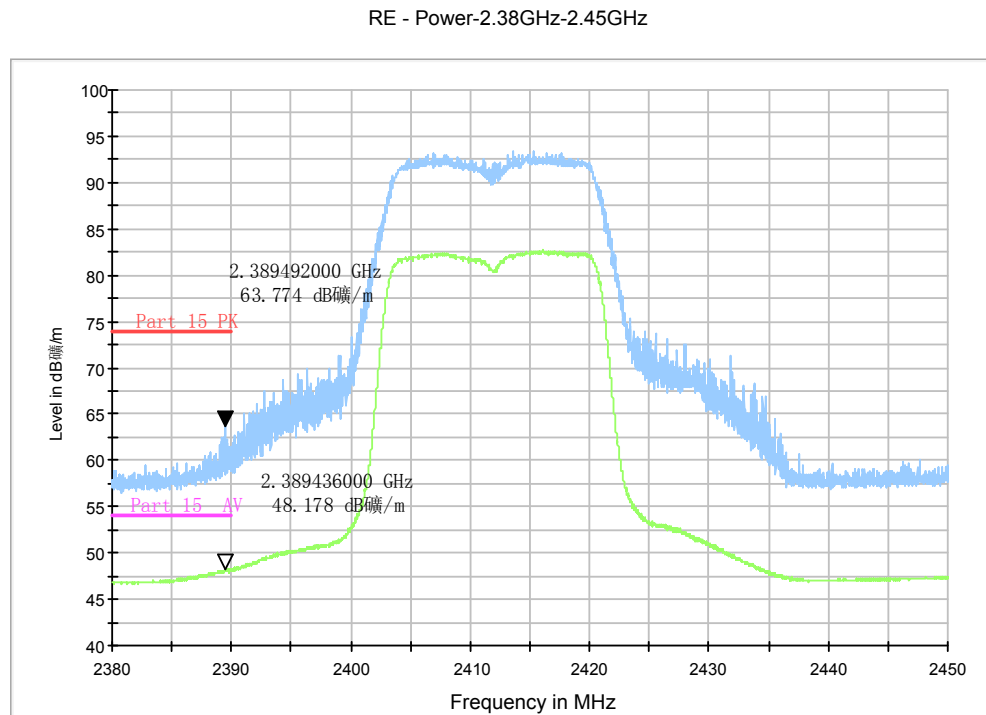
**Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45  
GHz - 2.50GHz**



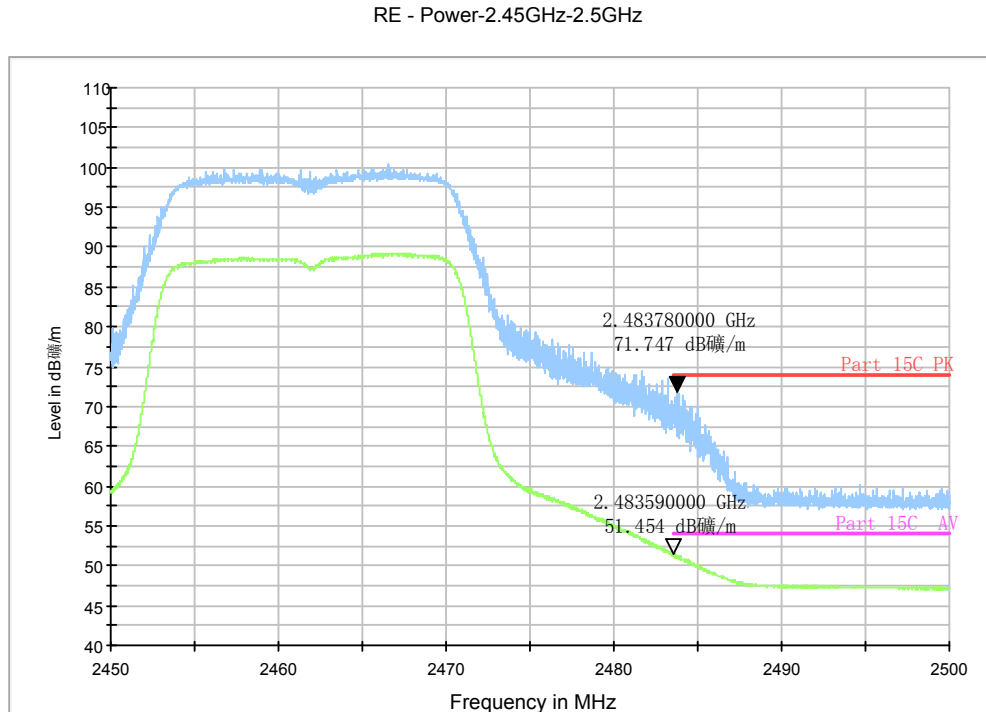
**Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.38 GHz - 2.43GHz**



**Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz**



**Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1,  
2.38 GHz - 2.45GHz**



**Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11,  
2.45 GHz - 2.50GHz**

## **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 (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

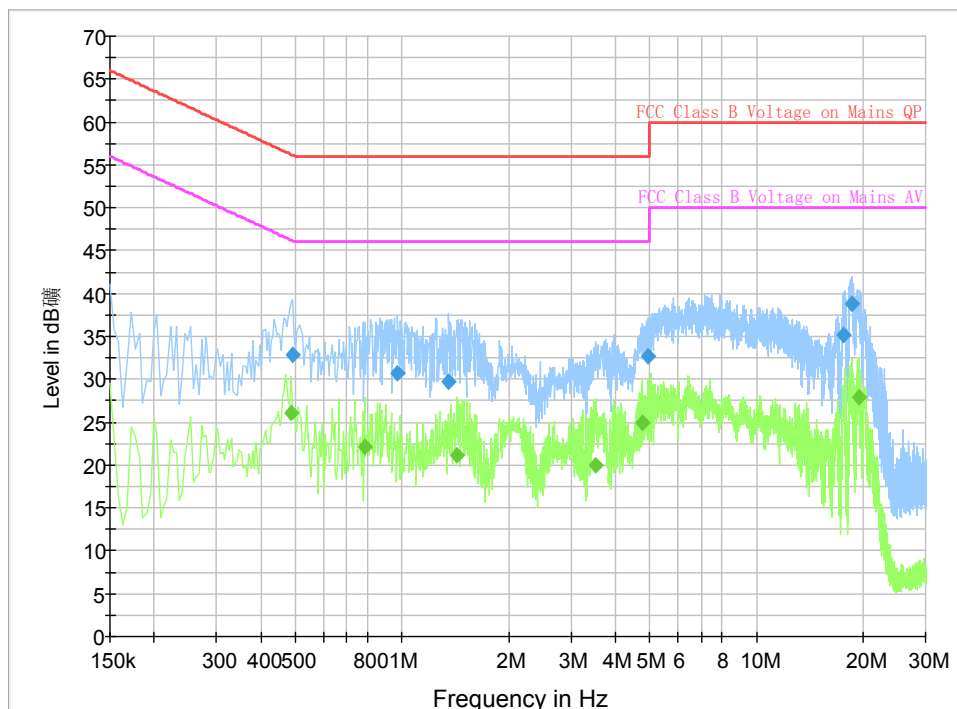
WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

**Conclusion: Pass**

**Test graphs as below:**

**Traffic: Set.11**



**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

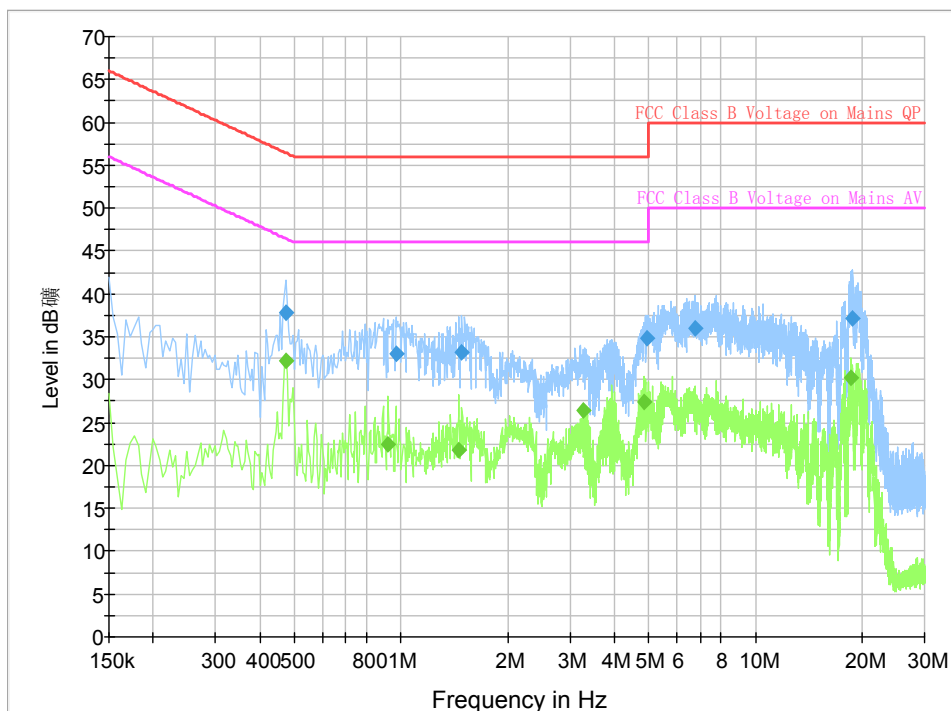
Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.492000	32.9	2000.0	9.000	On	L1	19.9	23.3	56.1	
0.973500	30.8	2000.0	9.000	On	N	19.7	25.2	56.0	
1.356000	29.7	2000.0	9.000	On	L1	19.7	26.3	56.0	
4.956000	32.7	2000.0	9.000	On	L1	19.6	23.3	56.0	
17.646000	35.2	2000.0	9.000	On	L1	19.9	24.8	60.0	
18.528000	38.8	2000.0	9.000	On	L1	19.9	21.2	60.0	

### Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.487500	26.0	2000.0	9.000	On	L1	19.9	20.2	46.2	
0.784500	22.1	2000.0	9.000	On	L1	19.8	23.9	46.0	
1.428000	21.2	2000.0	9.000	On	L1	19.7	24.8	46.0	
3.534000	19.9	2000.0	9.000	On	L1	19.5	26.1	46.0	
4.776000	24.9	2000.0	9.000	On	N	19.6	21.1	46.0	
19.419000	27.9	2000.0	9.000	On	N	19.9	22.1	50.0	



Idle: Set.11



**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)	Comment
0.474000	37.8	2000.0	9.000	On	N	19.9	18.6	56.4	
0.969000	33.1	2000.0	9.000	On	L1	19.8	22.9	56.0	
1.486500	33.2	2000.0	9.000	On	L1	19.7	22.8	56.0	
4.960500	34.9	2000.0	9.000	On	N	19.6	21.1	56.0	
6.765000	35.9	2000.0	9.000	On	L1	19.6	24.1	60.0	
18.708000	37.2	2000.0	9.000	On	N	19.9	22.8	60.0	

### Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.474000	32.2	2000.0	9.000	On	N	19.9	14.2	46.4	
0.919500	22.5	2000.0	9.000	On	L1	19.8	23.5	46.0	
1.455000	21.8	2000.0	9.000	On	L1	19.7	24.2	46.0	
3.268500	26.5	2000.0	9.000	On	L1	19.4	19.5	46.0	
4.857000	27.5	2000.0	9.000	On	L1	19.6	18.5	46.0	
18.568500	30.3	2000.0	9.000	On	L1	19.9	19.7	50.0	

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