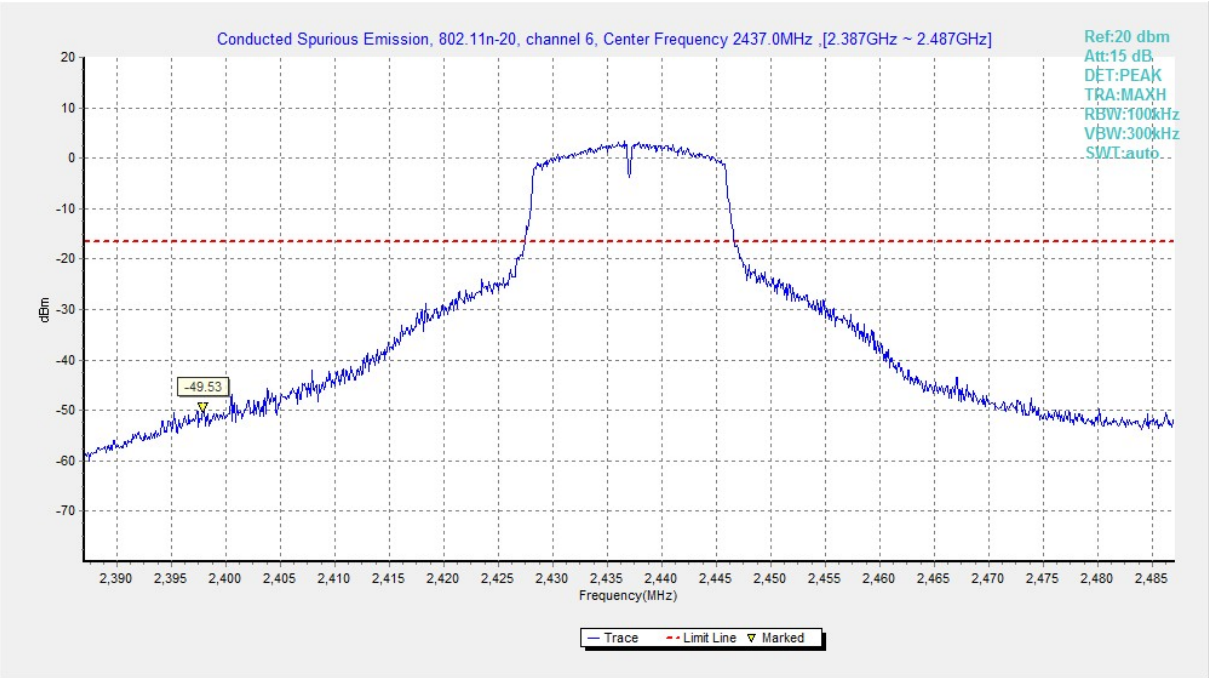

Fig.A.6.1.57 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, Center Frequency)

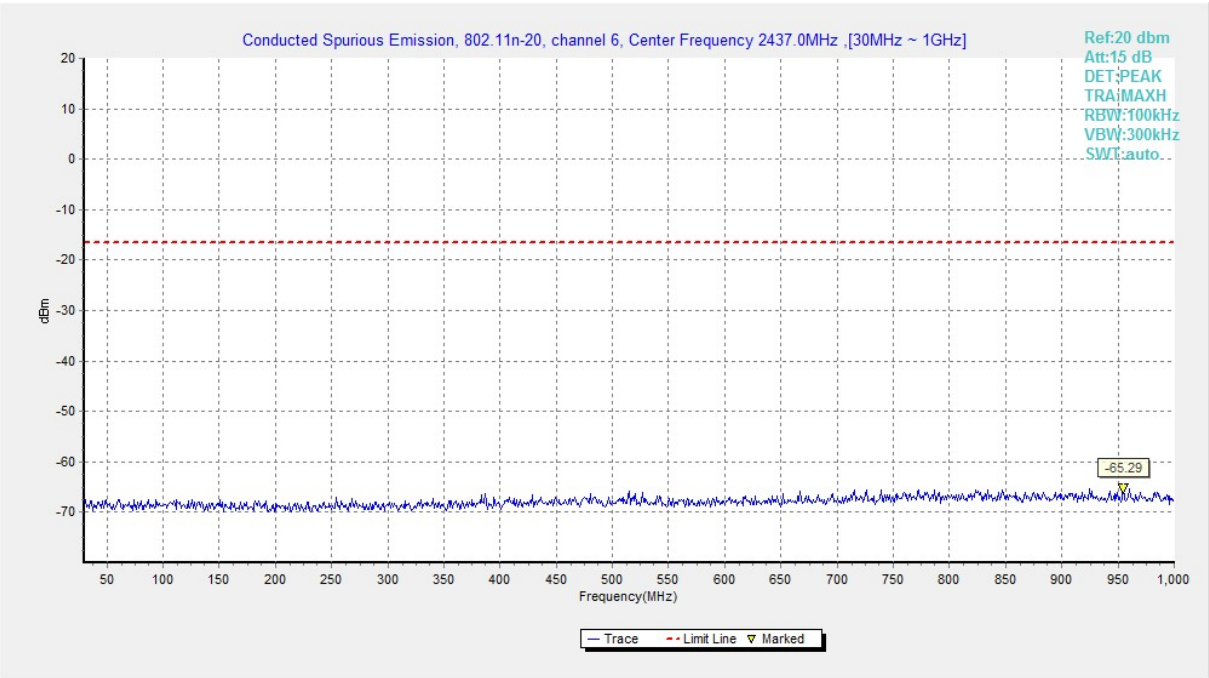

Fig.A.6.1.58 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 30 MHz-1 GHz)

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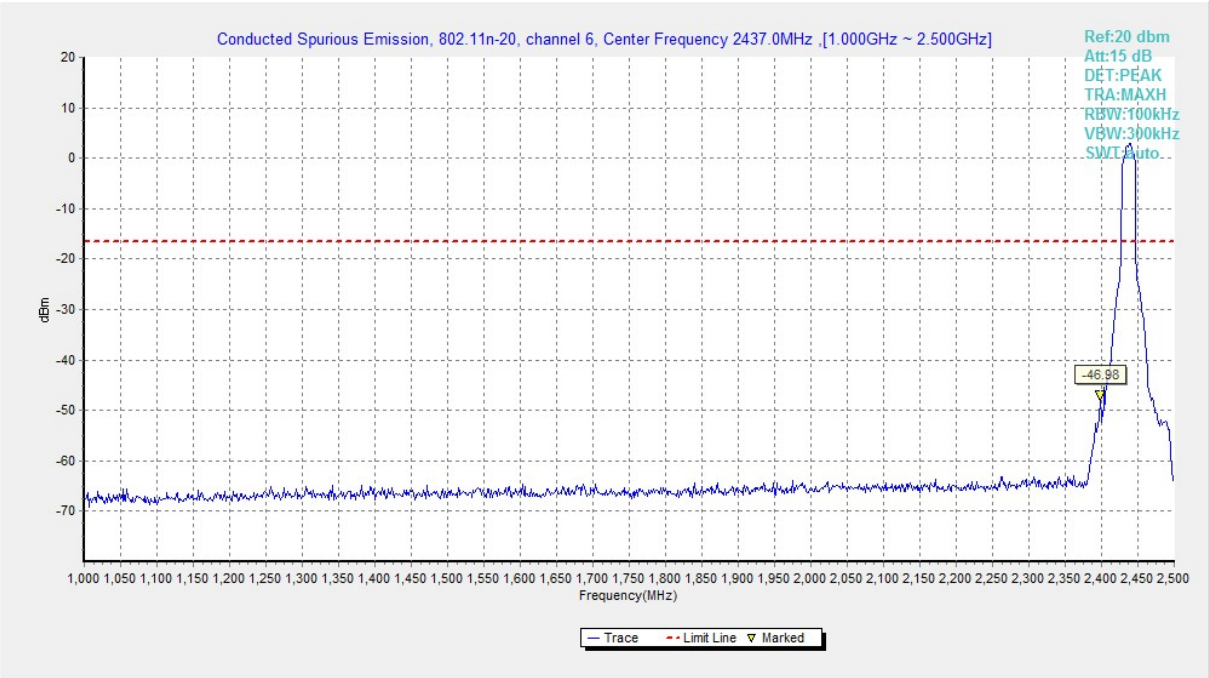

Fig.A.6.1.59 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 1 GHz-2.5 GHz)

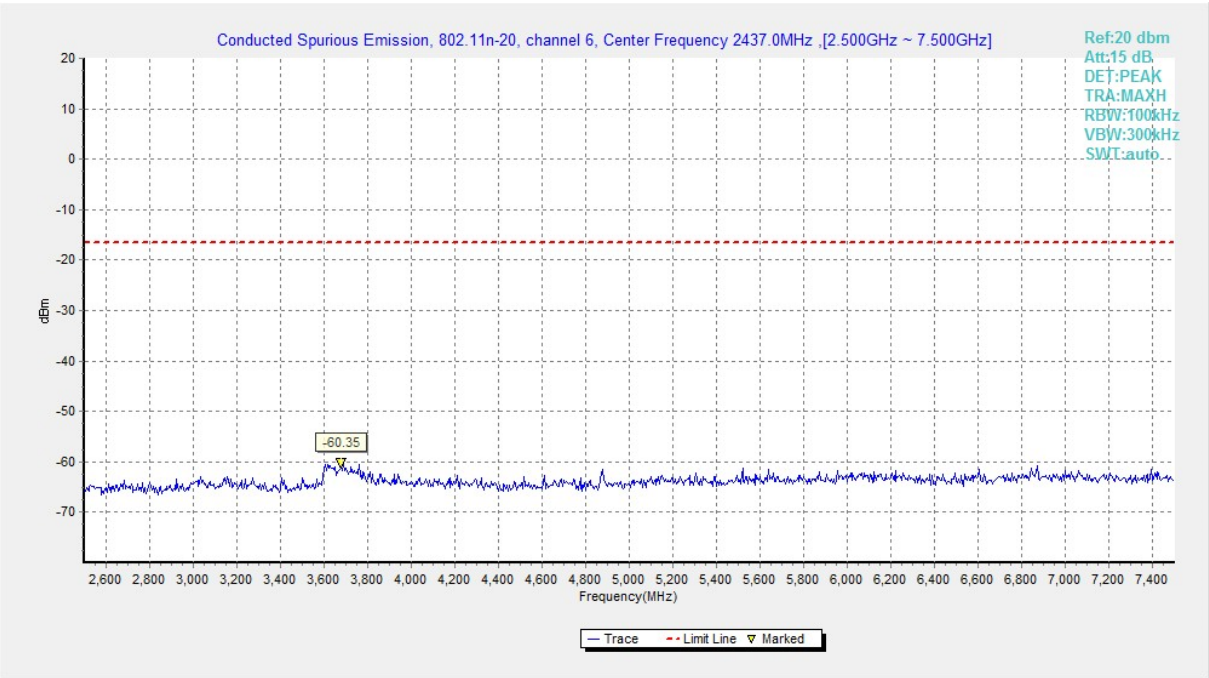

Fig.A.6.1.60 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 2.5 GHz-7.5 GHz)

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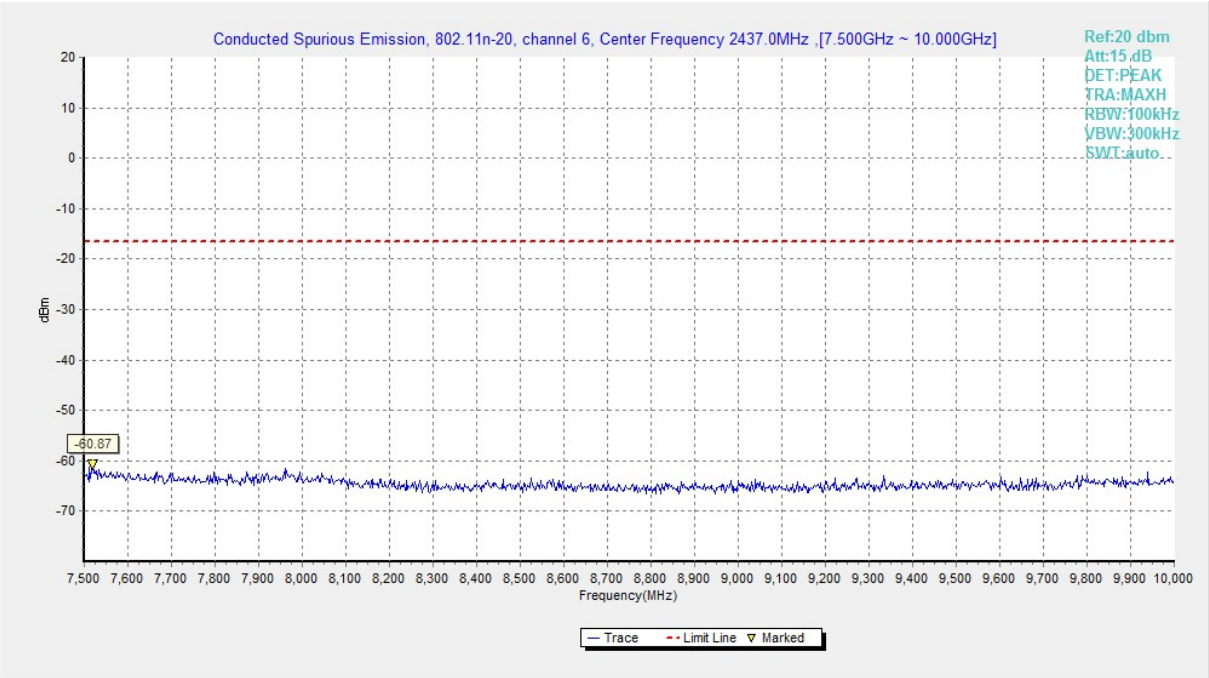

Fig.A.6.1.61 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 7.5 GHz-10 GHz)

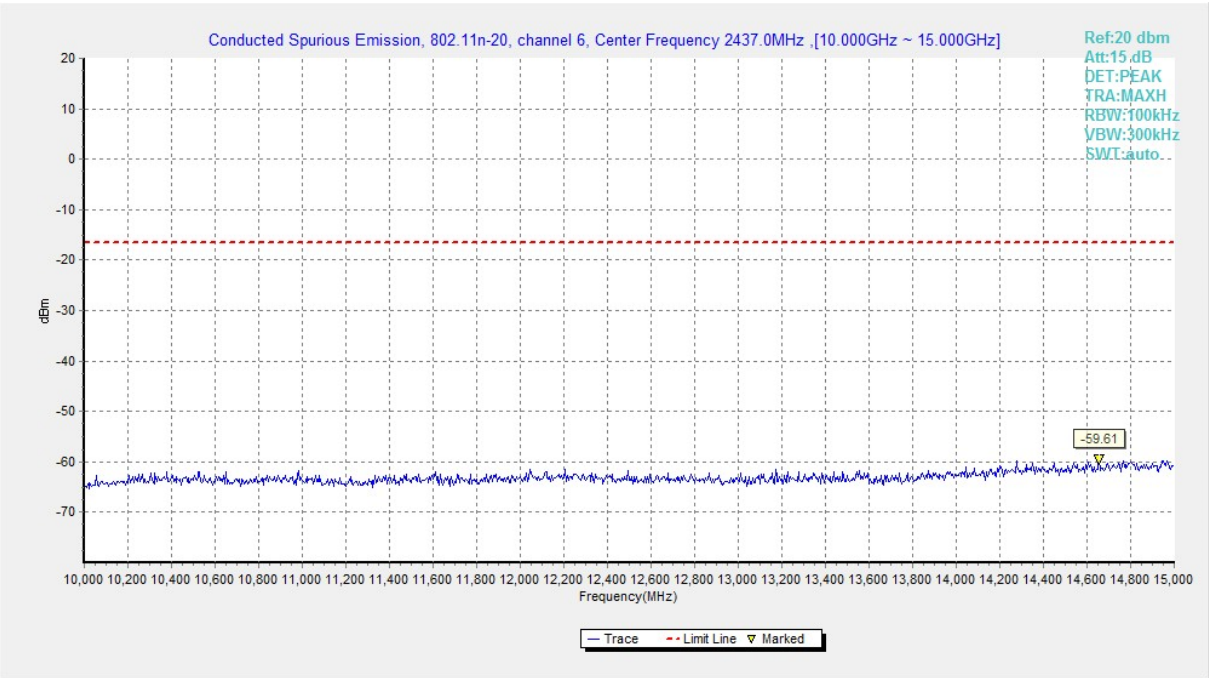

Fig.A.6.1.62 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 10 GHz-15 GHz)

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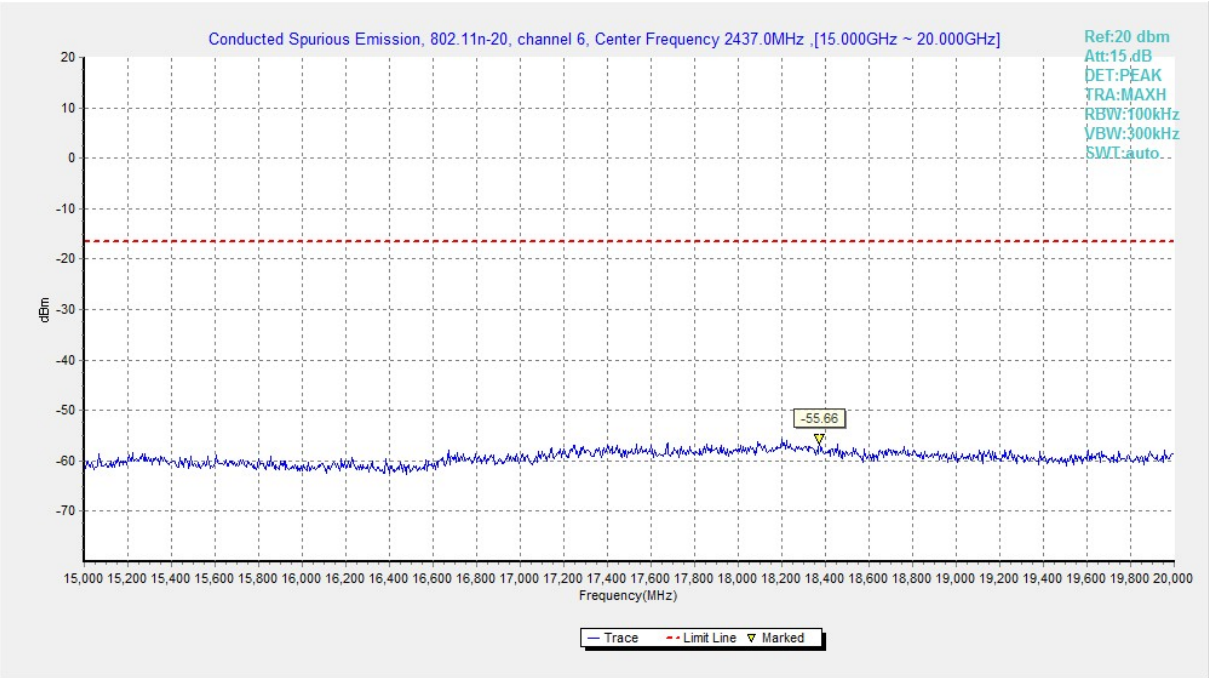

Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)

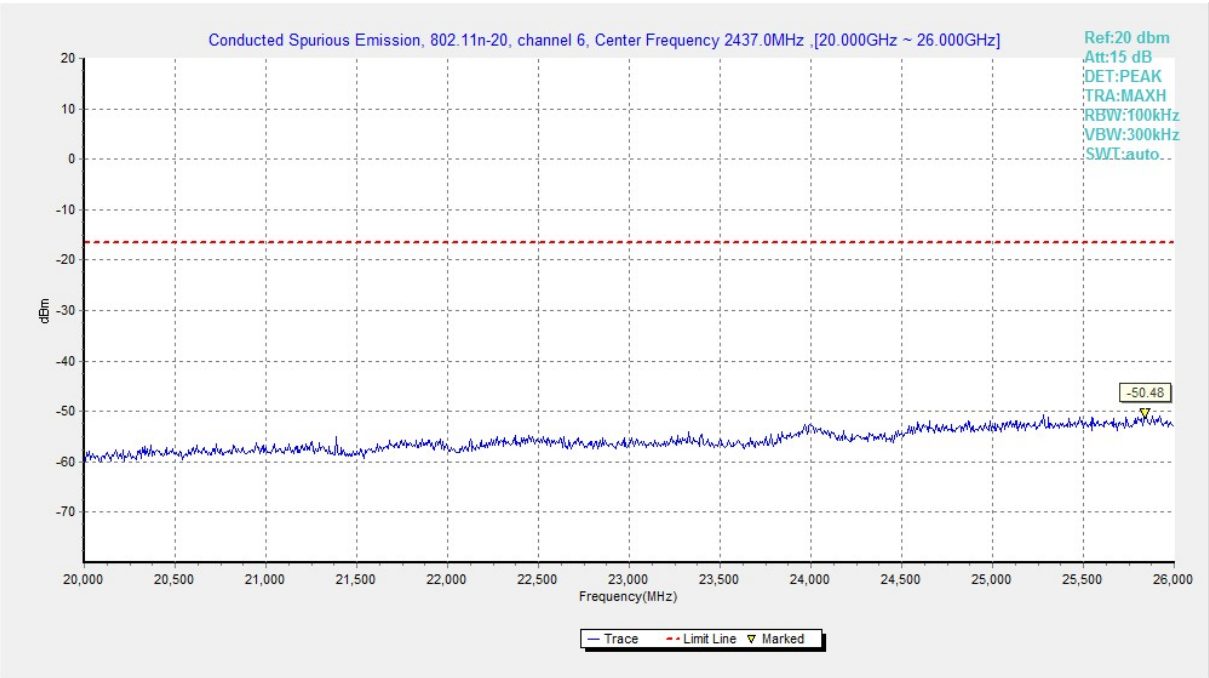

Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)

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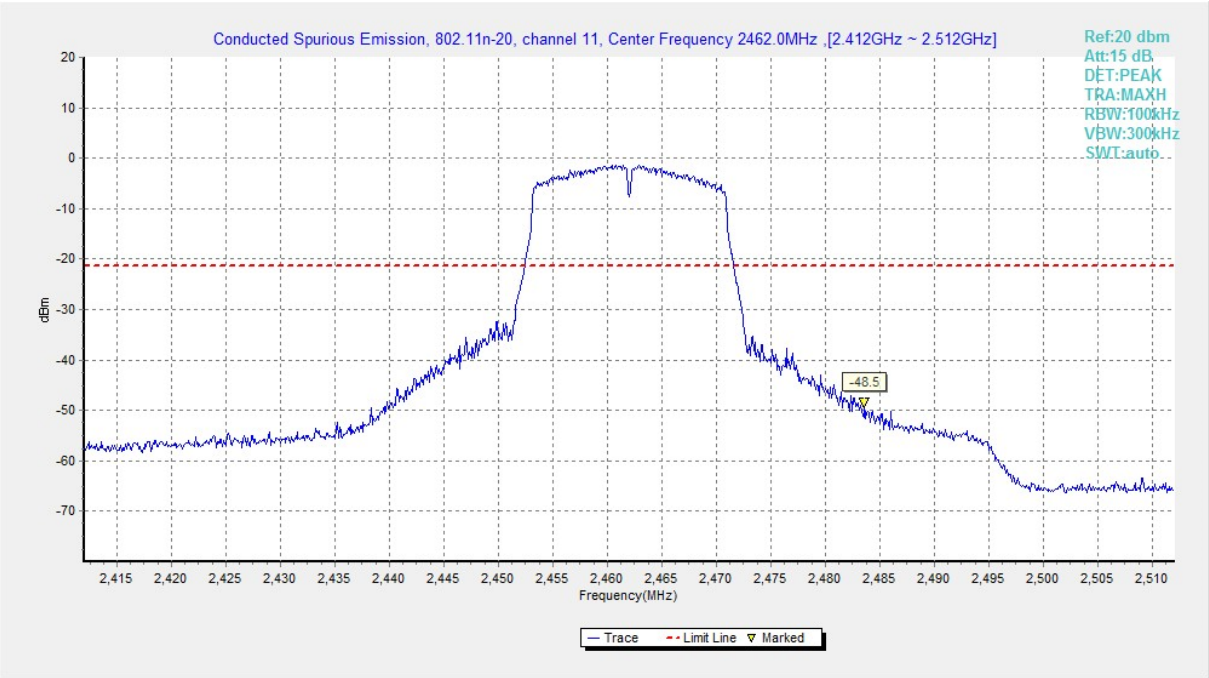

Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)

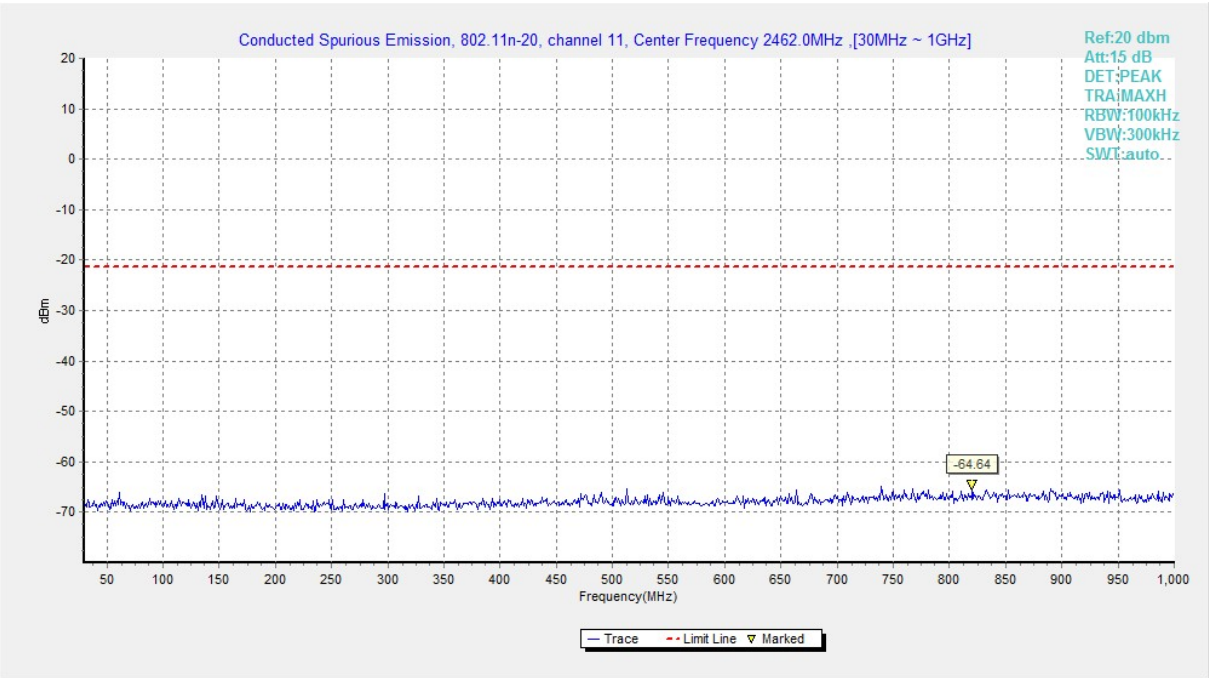

Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)

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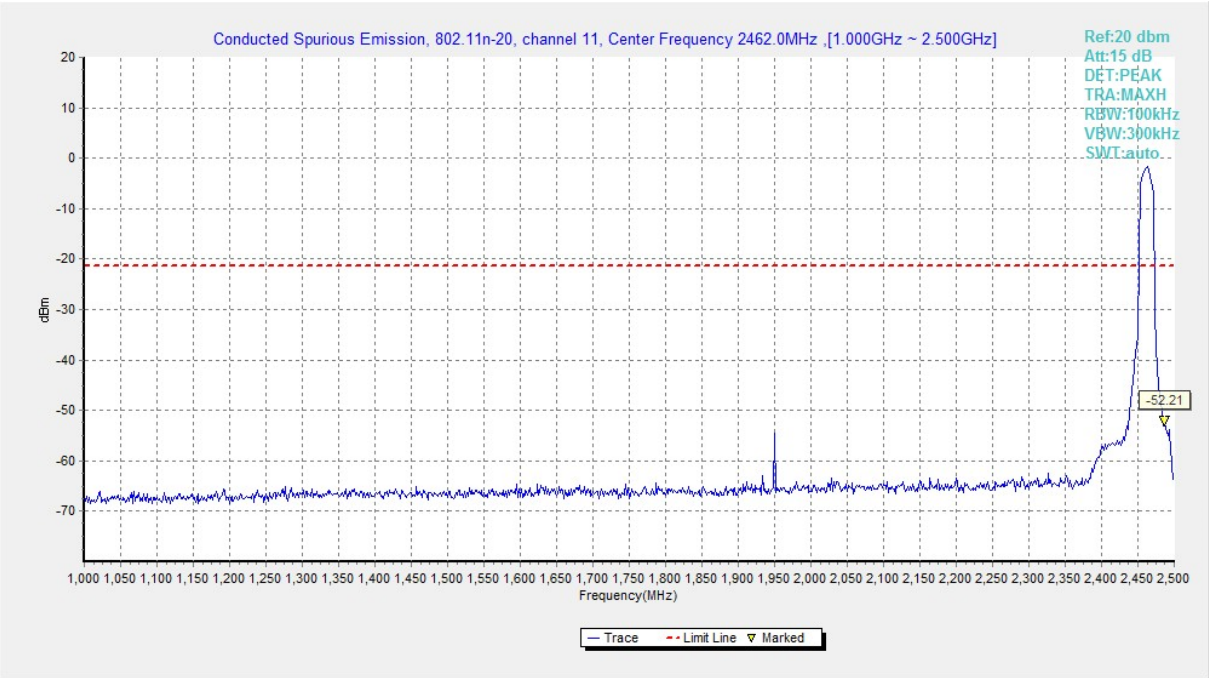

Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)

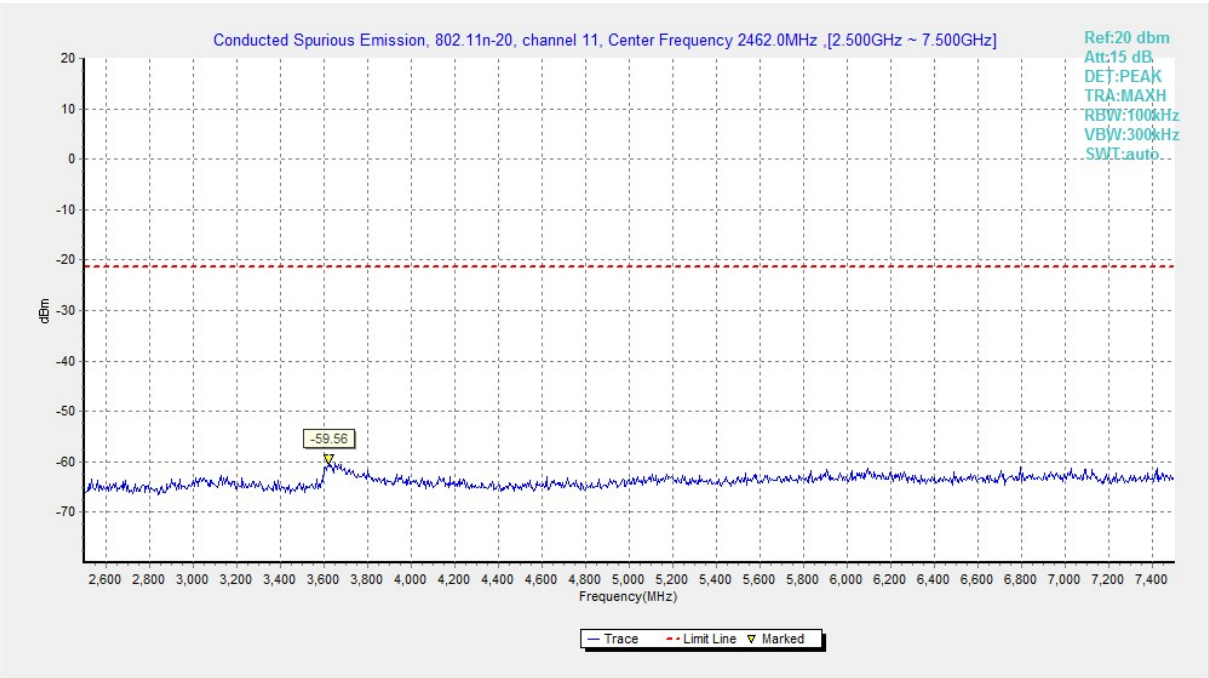

Fig.A.6.1.68 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 2.5 GHz-7.5 GHz)

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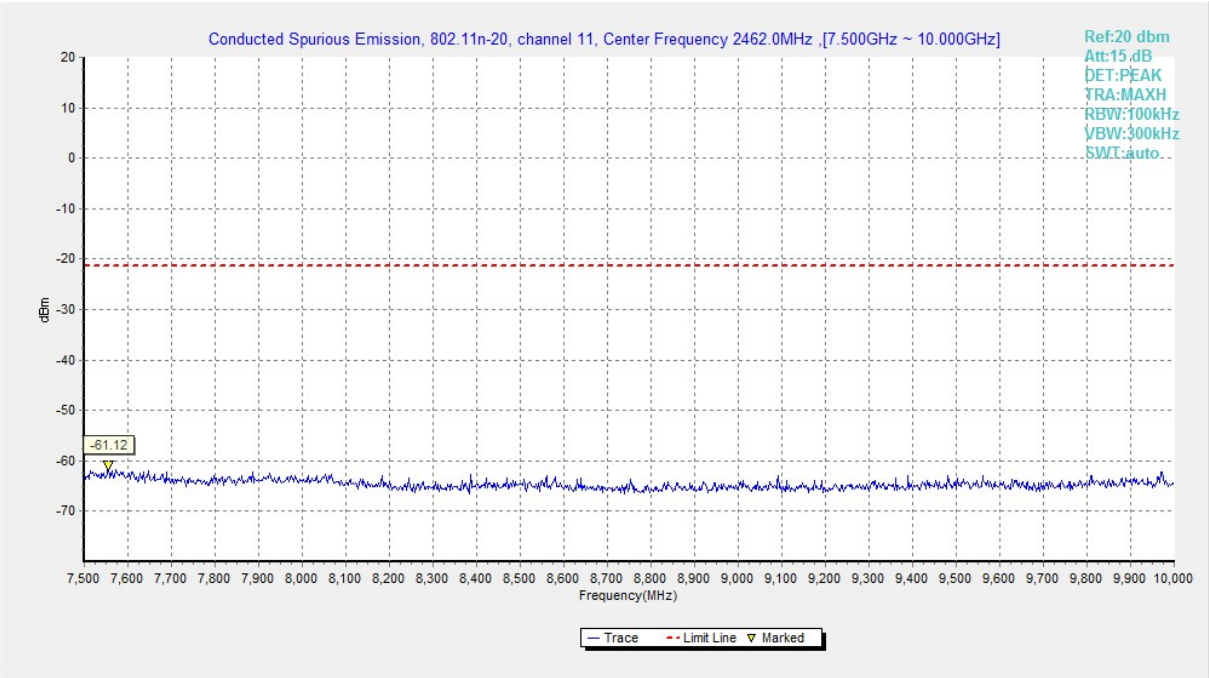

Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)

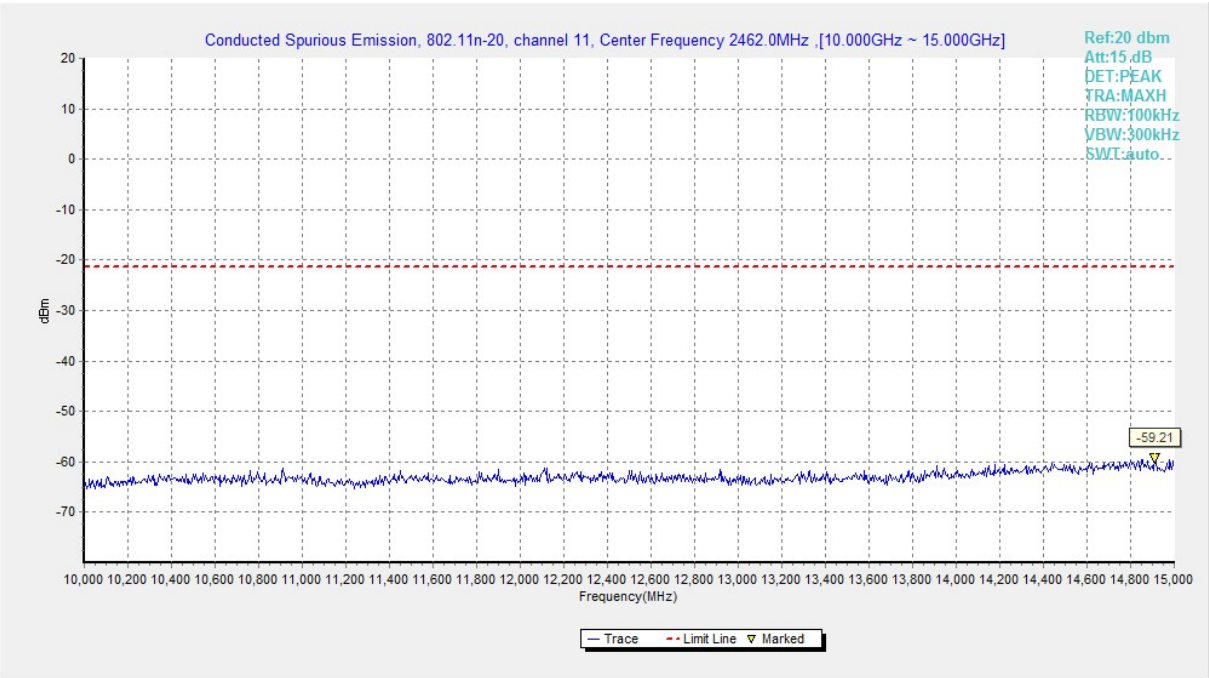

Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)

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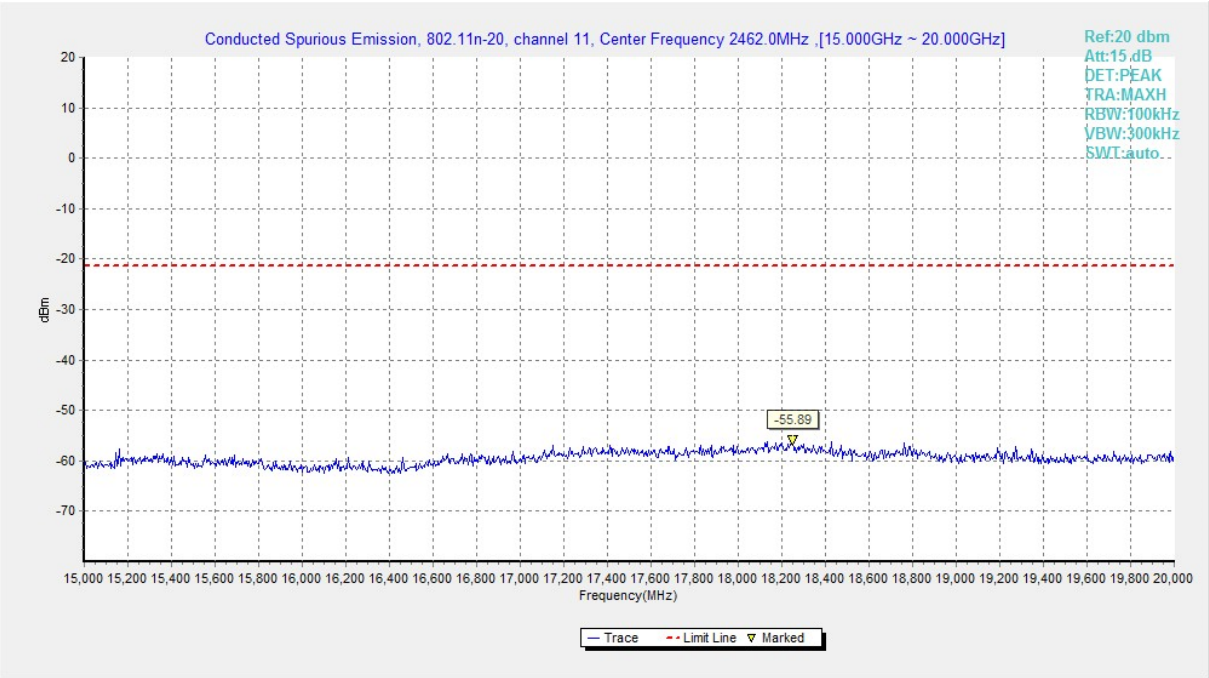

Fig.A.6.1.71 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 15 GHz-20 GHz)

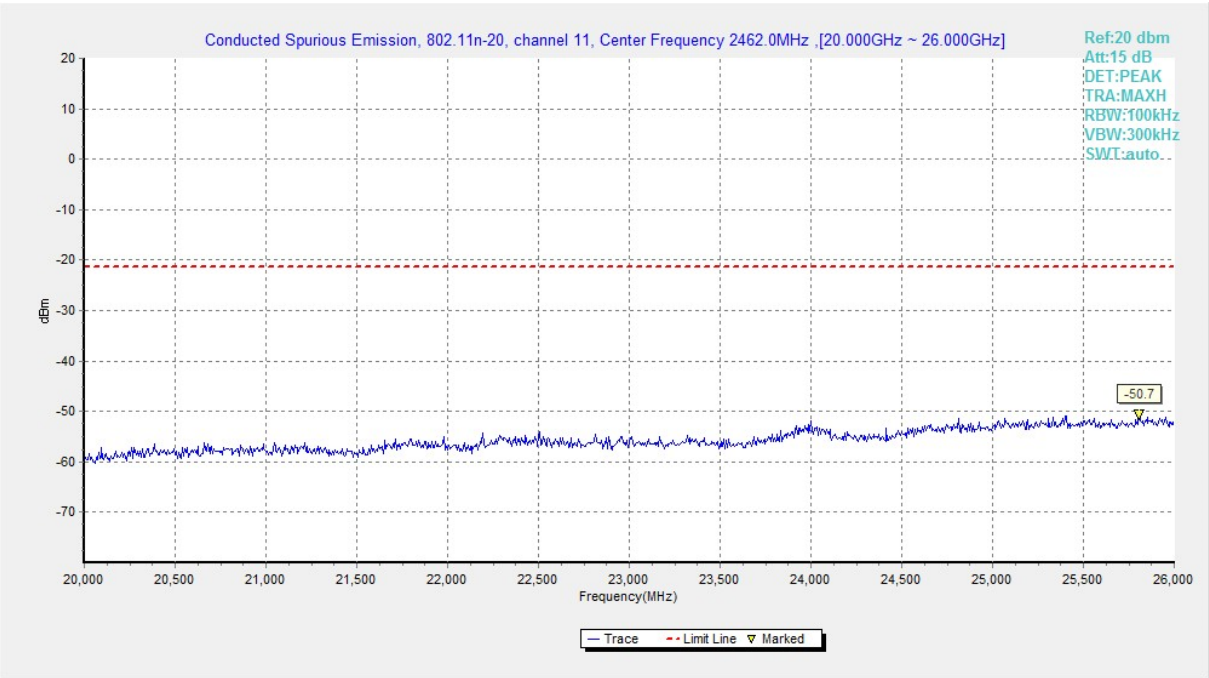

Fig.A.6.1.72 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 20 GHz-26 GHz)

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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)	Measurement distance (m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

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

Set up:

Tabletop devices shall be placed on a nonconducting platform with nominal top surface dimensions 1 m by 1.5 m. For emissions testing at or below 1 GHz, the table height shall be 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m

The EUT and transmitting antenna shall be centered on the turntable.

Test Procedure

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

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The receiver references:

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

Measurement results:

802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	1	2.31GHz~2.43GHz---L	Fig.A.6.2.1	**P**
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.2	**P**

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	1	2.31GHz~2.43GHz---L	Fig.A.6.2.3	**P**
	2	2.31GHz~2.43GHz---L	Fig.A.6.2.4	**P**
	9	2.45GHz~2.50GHz---H	Fig.A.6.2.5	**P**
	10	2.45GHz~2.50GHz---H	Fig.A.6.2.6	**P**
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.7	**P**

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	1	2.31GHz~2.43GHz---L	Fig.A.6.2.8	**P**
	2	2.31GHz~2.43GHz---L	Fig.A.6.2.9	**P**
	9	2.45GHz~2.50GHz---H	Fig.A.6.2.10	**P**
	10	2.45GHz~2.50GHz---H	Fig.A.6.2.11	**P**
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.12	**P**

Conclusion: Pass

Note:

1. 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}+Cable Loss+Antenna Factor
2. The range of evaluated frequency is from 9 kHz to 26GHz. Measurement value show only up to 6 maximum emissions noted.

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Peak

802.11b

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2382.296	62.52	4.59	32.18	25.74	74.00	11.48	H
2389.534	62.63	4.61	32.20	25.81	74.00	11.37	H
4823.500	48.91	-35.93	34.03	50.81	74.00	25.09	V
7234.000	50.06	-34.54	35.65	48.95	74.00	23.94	H
9649.000	45.07	-33.48	36.81	41.74	74.00	28.93	H
12060.500	46.97	-31.76	38.81	39.91	74.00	27.03	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2365.200	44.90	-36.88	32.15	49.62	74.00	29.10	H
2506.000	45.99	-36.62	32.41	50.20	74.00	28.01	H
4874.000	49.99	-35.79	34.05	51.73	74.00	24.01	V
7310.500	47.22	-34.28	35.66	45.84	74.00	26.78	H
9750.500	45.59	-33.54	36.96	42.18	74.00	28.41	H
12185.500	46.62	-31.61	38.84	39.40	74.00	27.38	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.930	63.32	4.65	32.37	26.30	74.00	10.68	H
2485.415	63.55	4.65	32.37	26.52	74.00	10.45	H
4924.000	48.24	-35.70	34.07	49.87	74.00	25.76	H
7385.000	47.18	-34.09	35.68	45.60	74.00	26.82	V
9848.000	45.18	-33.44	37.09	41.53	74.00	28.82	V
12310.000	46.93	-31.47	38.86	39.54	74.00	27.07	V

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802.11g

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.660	66.24	4.61	32.20	29.43	74.00	7.76	H
2389.940	65.89	4.62	32.20	29.07	74.00	8.11	H
4816.500	47.87	-35.97	34.03	49.81	74.00	26.13	H
7237.000	43.79	-34.54	35.65	42.68	74.00	30.21	H
9648.000	44.90	-33.48	36.81	41.57	74.00	29.10	V
12060.000	48.13	-31.76	38.81	41.07	74.00	25.87	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2362.600	45.24	-36.93	32.15	50.03	74.00	28.76	H
2506.800	45.47	-36.63	32.41	49.70	74.00	28.53	H
4877.500	46.96	-35.78	34.05	48.69	74.00	27.04	H
7311.000	43.60	-34.28	35.66	42.22	74.00	30.40	H
9747.000	44.45	-33.53	36.95	41.03	74.00	29.55	V
12185.500	46.66	-31.61	38.84	39.44	74.00	27.34	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.520	66.93	4.65	32.37	29.91	74.00	7.07	H
2484.155	67.02	4.65	32.37	29.99	74.00	6.98	H
4921.000	46.67	-35.71	34.07	48.30	74.00	27.33	H
7386.500	44.42	-34.09	35.68	42.84	74.00	29.58	H
9848.500	45.40	-33.44	37.09	41.74	74.00	28.60	V
12309.000	46.76	-31.47	38.86	39.37	74.00	27.24	H

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802.11n-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2388.974	66.64	4.61	32.20	29.83	74.00	7.36	H
2389.310	66.60	4.61	32.20	29.79	74.00	7.40	H
4817.000	47.98	-35.97	34.03	49.91	74.00	26.02	H
7234.500	45.96	-34.54	35.65	44.85	74.00	28.04	H
9649.000	44.79	-33.48	36.81	41.46	74.00	29.21	V
12061.000	46.44	-31.76	38.81	39.39	74.00	27.56	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2328.400	45.58	-37.18	32.08	50.68	74.00	28.42	H
2521.000	45.66	-36.91	32.42	50.15	74.00	28.34	H
4879.500	47.37	-35.78	34.05	49.09	74.00	26.63	H
7310.500	43.91	-34.28	35.66	42.53	74.00	30.09	H
9748.500	44.42	-33.54	36.95	41.01	74.00	29.58	V
12185.000	46.66	-31.61	38.84	39.44	74.00	27.34	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.610	69.21	4.65	32.37	32.19	74.00	4.79	H
2484.140	68.56	4.65	32.37	31.54	74.00	5.44	H
4920.500	45.21	-35.71	34.07	46.84	74.00	28.79	V
7385.500	45.29	-34.09	35.68	43.70	74.00	28.71	V
9848.000	44.32	-33.44	37.09	40.67	74.00	29.68	H
12309.500	47.58	-31.47	38.86	40.19	74.00	26.42	H

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Average

802.11b

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2385.540	48.92	4.6	32.2	12.13	54.0	5.1	H
2386.410	49.07	4.6	32.2	12.27	54.0	4.9	H
4823.800	44.82	-35.9	34.0	46.71	54.0	9.2	V
7711.300	31.13	-33.9	35.7	29.33	54.0	22.9	H
9456.700	31.75	-33.4	36.6	28.57	54.0	22.3	V
12060.100	34.05	-31.8	38.8	26.99	54.0	19.9	H

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2408.880	49.99	4.6	32.2	13.11	54.0	4.0	H
2465.910	50.09	4.7	32.3	13.08	54.0	3.9	H
4873.900	47.54	-35.8	34.1	49.28	54.0	6.5	H
7311.700	39.57	-34.3	35.7	38.18	54.0	14.4	V
9431.500	31.87	-33.4	36.5	28.68	54.0	22.1	V
12184.900	33.75	-31.6	38.8	26.53	54.0	20.2	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2487.180	51.00	4.6	32.4	13.98	54.0	3.0	H
2487.360	51.04	4.6	32.4	14.02	54.0	3.0	H
4923.700	41.45	-35.7	34.1	43.08	54.0	12.6	H
7384.600	35.66	-34.1	35.7	34.07	54.0	18.3	V
9309.100	31.70	-33.6	36.4	28.87	54.0	22.3	H
12310.000	33.79	-31.5	38.9	26.40	54.0	20.2	V

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802.11g

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.710	49.69	4.6	32.2	12.88	54.0	4.3	H
2389.980	49.74	4.6	32.2	12.92	54.0	4.3	H
4822.900	32.88	-35.9	34.0	34.79	54.0	21.1	V
7250.200	31.46	-34.5	35.7	30.33	54.0	22.5	V
9435.700	31.76	-33.4	36.5	28.57	54.0	22.2	V
12060.100	34.12	-31.8	38.8	27.07	54.0	19.9	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2403.690	49.51	4.6	32.2	12.64	54.0	4.5	H
2472.090	49.52	4.7	32.3	12.49	54.0	4.5	H
4874.800	32.88	-35.8	34.1	34.62	54.0	21.1	V
7316.200	33.82	-34.2	35.7	32.41	54.0	20.2	V
9429.700	31.86	-33.4	36.5	28.66	54.0	22.1	V
12184.900	33.86	-31.6	38.8	26.64	54.0	20.1	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.970	49.46	4.7	32.4	12.43	54.0	4.5	H
2485.050	49.53	4.6	32.4	12.51	54.0	4.5	H
4919.800	32.26	-35.7	34.1	33.90	54.0	21.7	H
7382.200	32.98	-34.1	35.7	31.40	54.0	21.0	V
9431.200	31.79	-33.4	36.5	28.60	54.0	22.2	H
12310.000	33.75	-31.5	38.9	26.36	54.0	20.2	V

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802.11n-HT20

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.650	49.41	4.6	32.2	12.60	54.0	4.6	H
2389.890	49.53	4.6	32.2	12.71	54.0	4.5	H
4822.600	32.95	-35.9	34.0	34.86	54.0	21.0	H
7710.700	31.14	-33.9	35.7	29.35	54.0	22.9	V
9427.600	31.83	-33.3	36.5	28.63	54.0	22.2	H
12060.100	33.96	-31.8	38.8	26.91	54.0	20.0	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2406.030	49.88	4.6	32.2	13.01	54.0	4.1	H
2478.360	49.11	4.7	32.4	12.09	54.0	4.9	H
4872.400	32.27	-35.8	34.1	34.00	54.0	21.7	V
7305.700	31.95	-34.3	35.7	30.60	54.0	22.0	H
9433.600	31.78	-33.4	36.5	28.59	54.0	22.2	V
12184.900	33.83	-31.6	38.8	26.60	54.0	20.2	V

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.580	49.74	4.7	32.4	12.71	54.0	4.3	H
2484.180	49.62	4.7	32.4	12.59	54.0	4.4	H
4918.000	32.68	-35.7	34.1	34.32	54.0	21.3	H
7382.200	32.10	-34.1	35.7	30.52	54.0	21.9	V
9416.500	31.77	-33.4	36.5	28.58	54.0	22.2	V
12310.000	33.84	-31.5	38.9	26.45	54.0	20.2	V

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Test graphs as below:

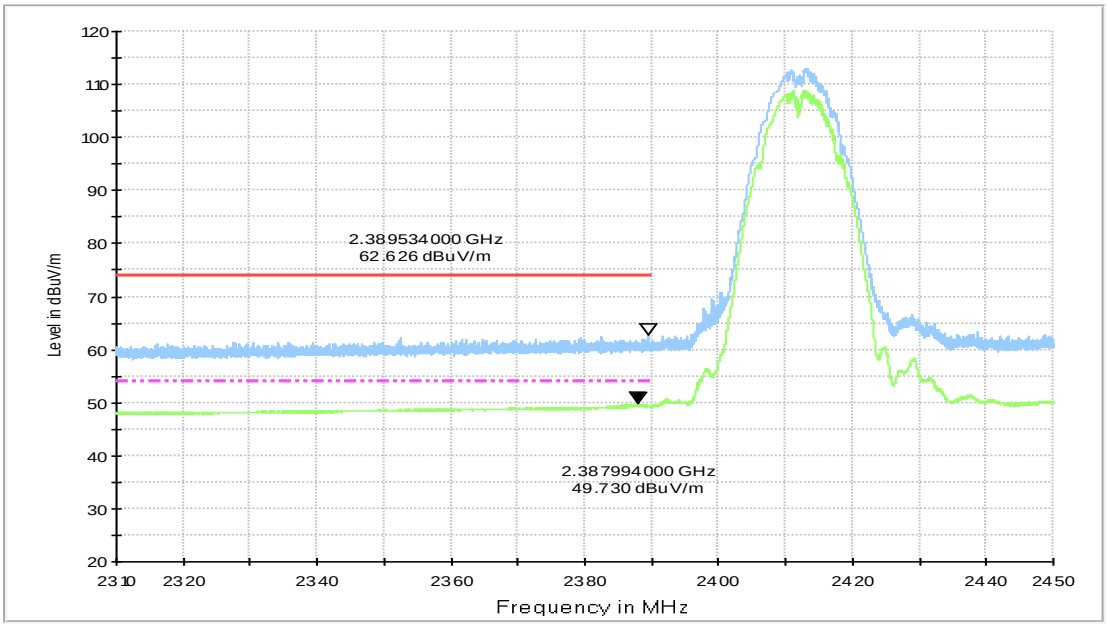

Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.45GHz

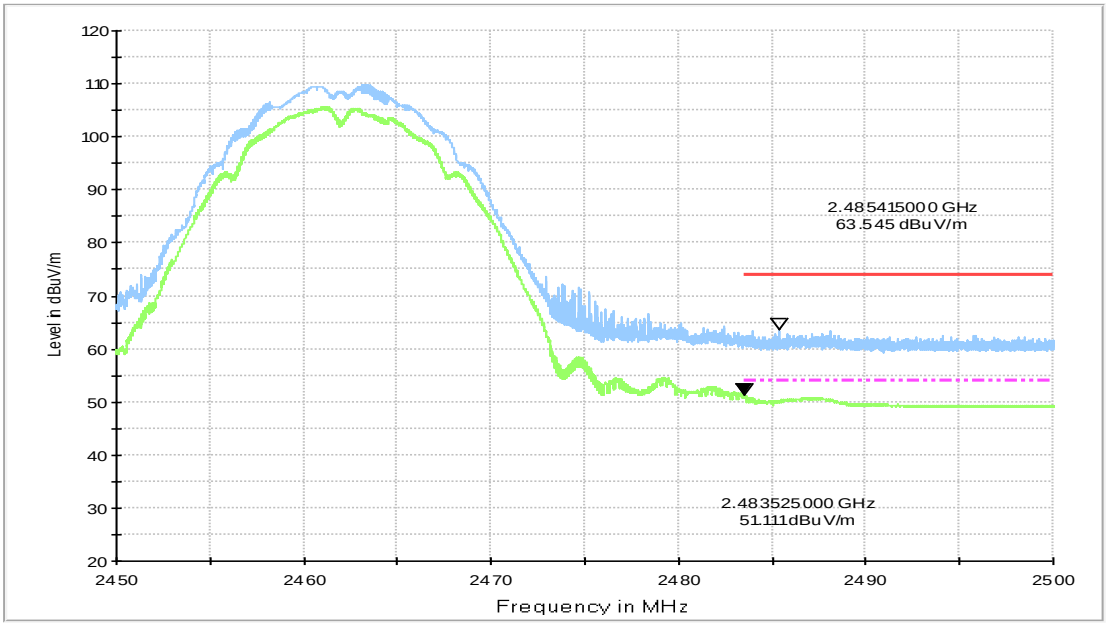

Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

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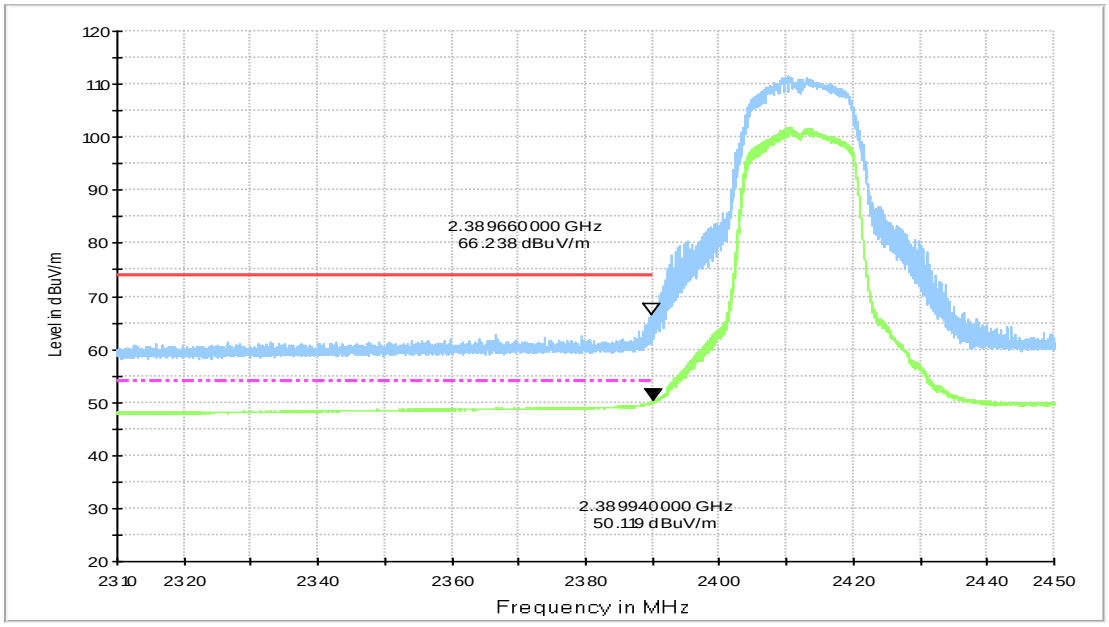

Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31 GHz - 2.45GHz

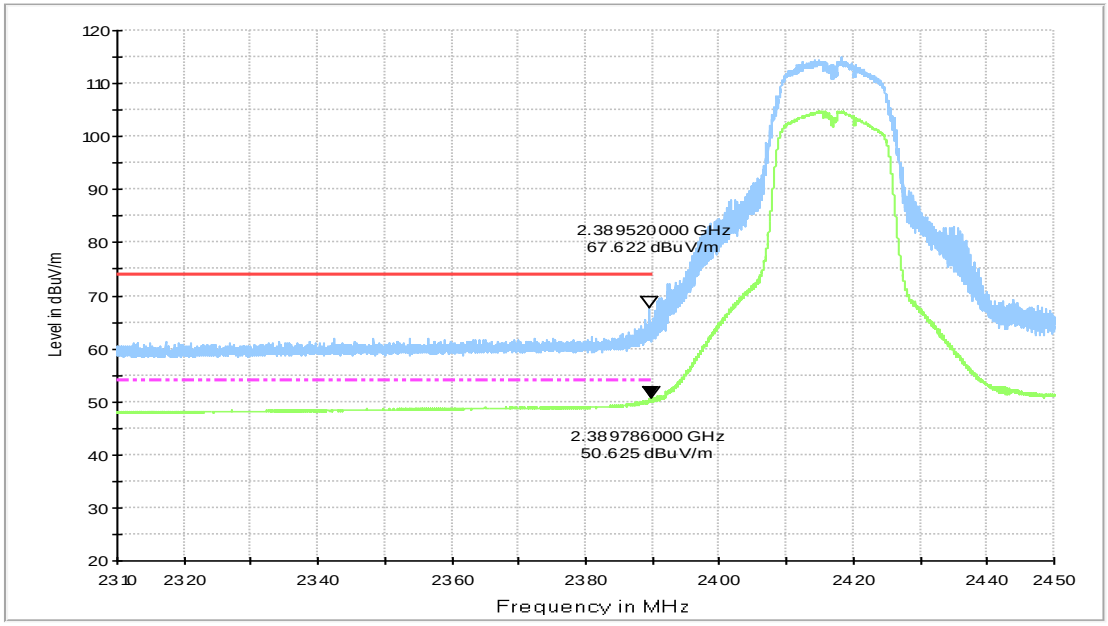

Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch2, 2.31 GHz - 2.45GHz

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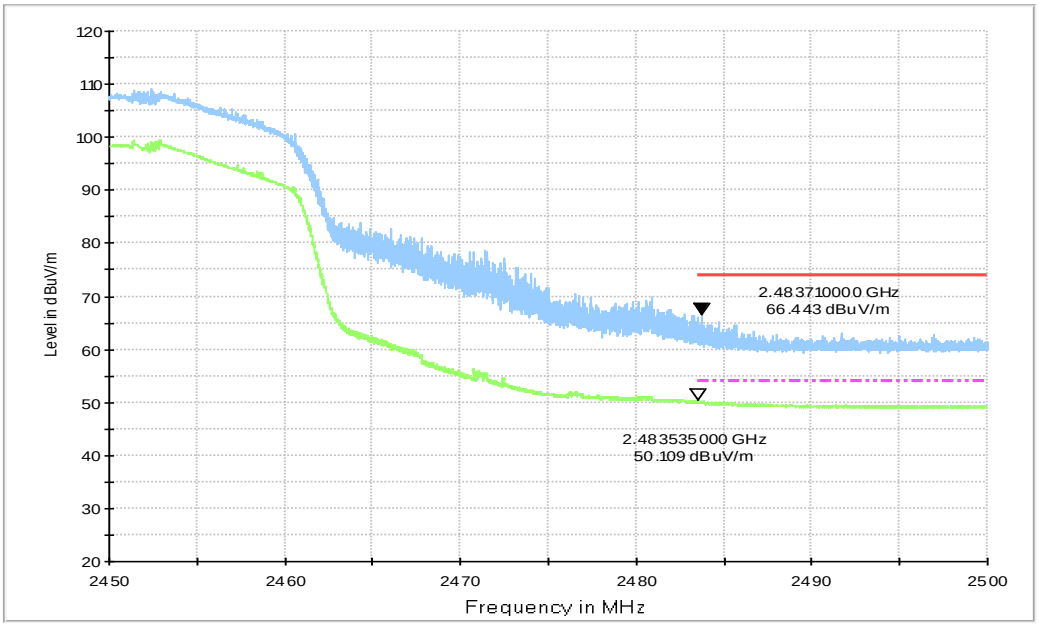

Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch9, 2.45 GHz - 2.50GHz

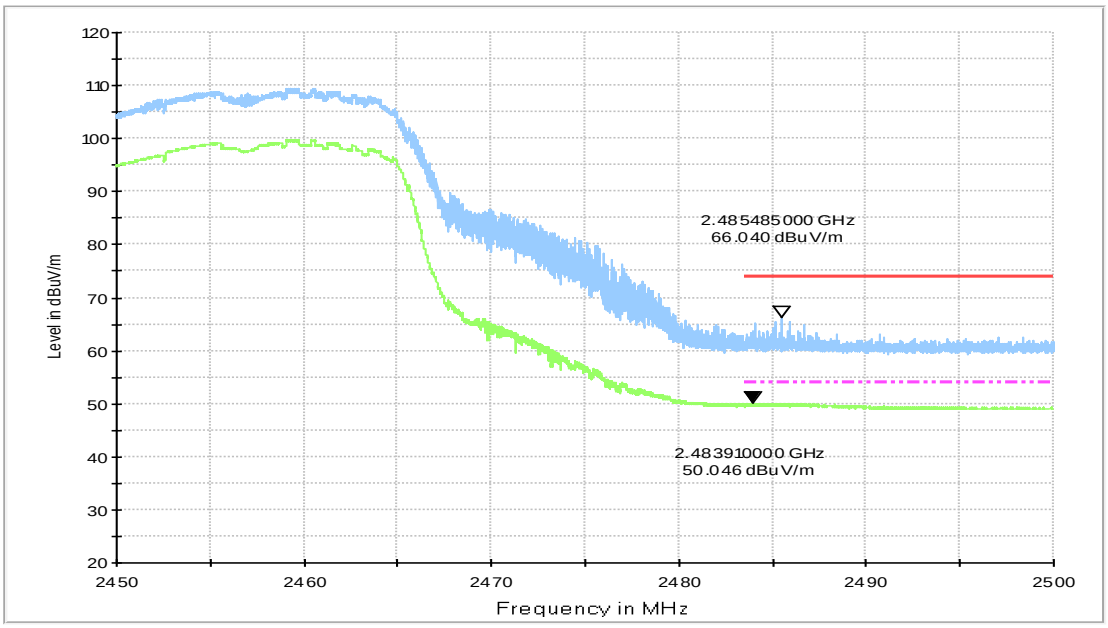

Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch10, 2.45 GHz - 2.50GHz

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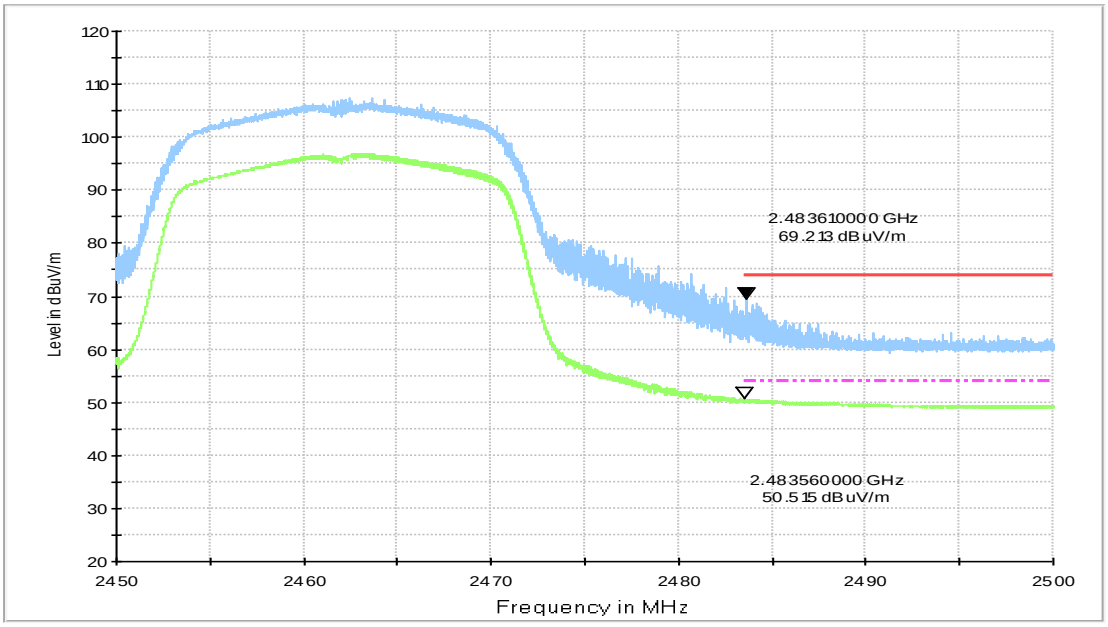

Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

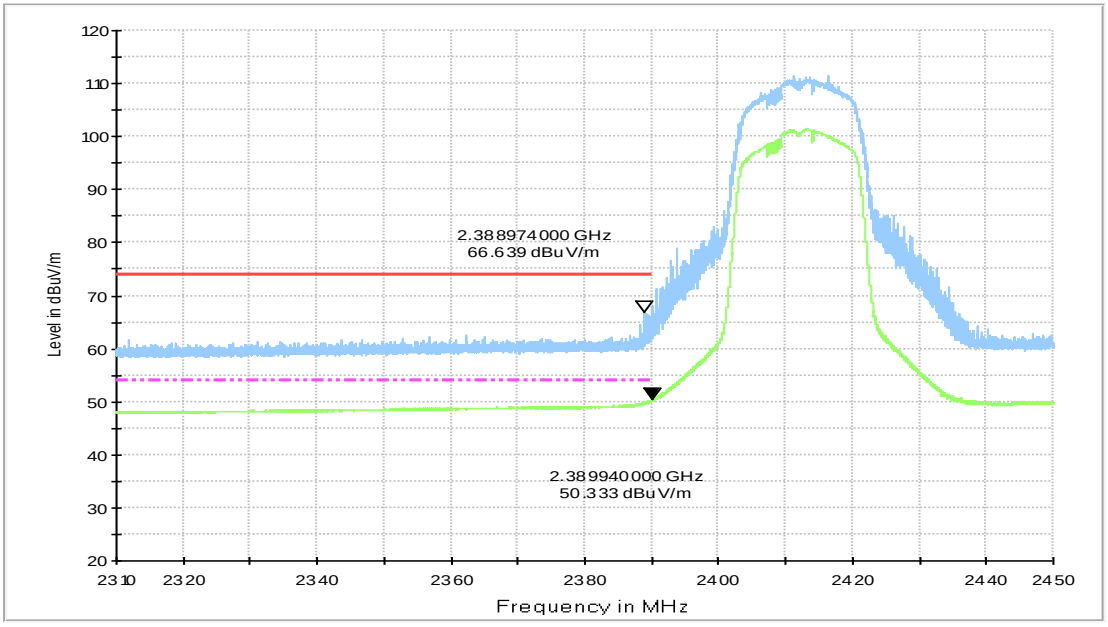

Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.45GHz

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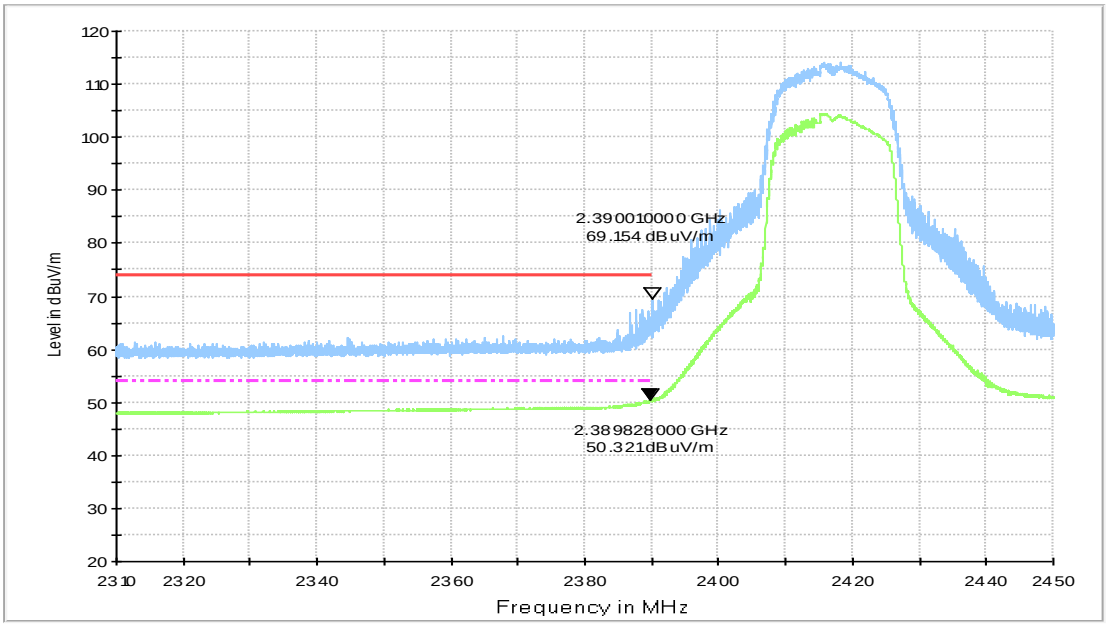

Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch2, 2.31 GHz - 2.45GHz

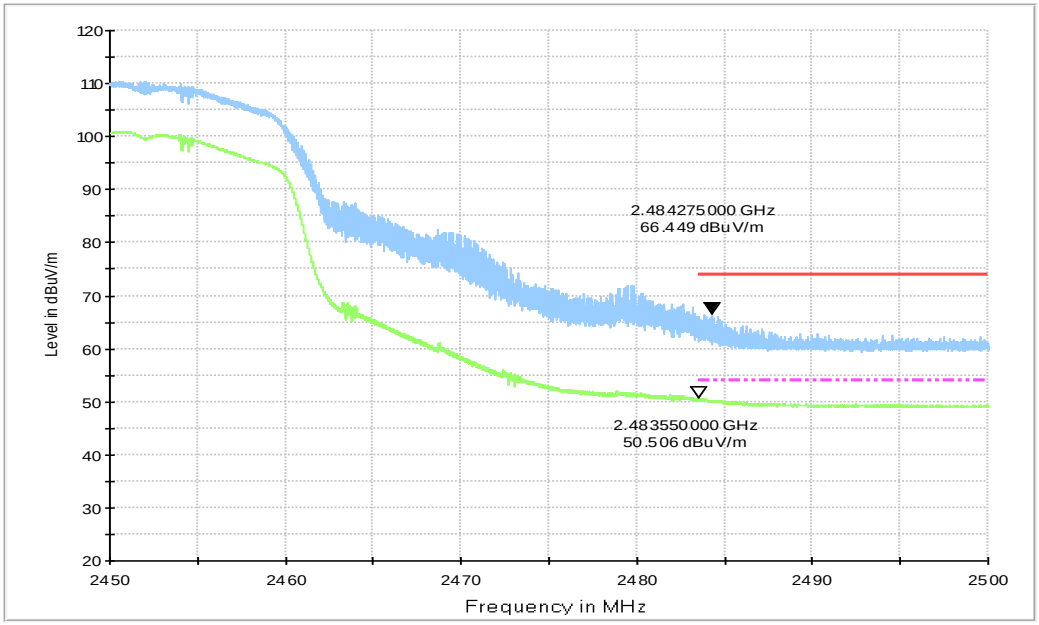

Fig.A.6.2.10 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch9, 2.45 GHz - 2.50GHz

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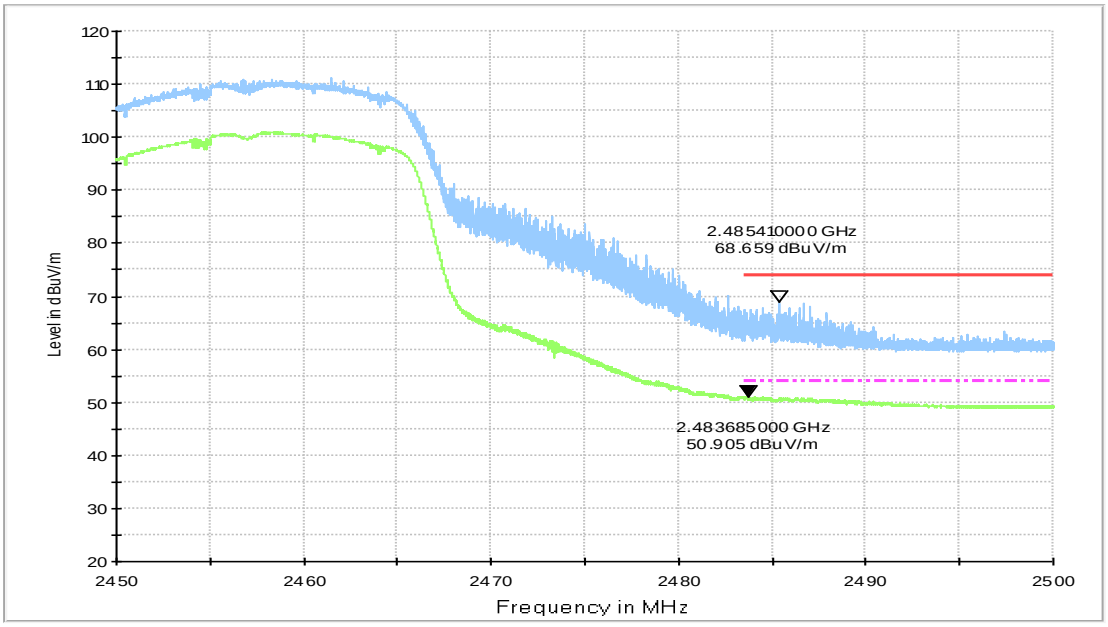

Fig.A.6.2.11 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch10, 2.45 GHz - 2.50GHz

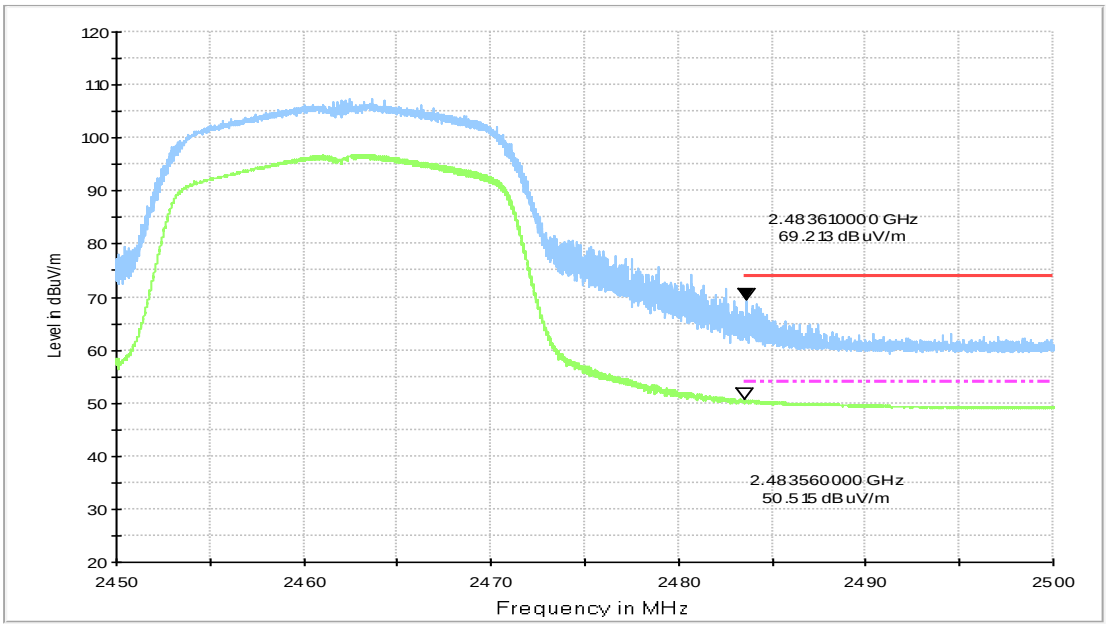

Fig.A.6.2.12 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

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A.7. AC Power-line Conducted Emission

Method of Measurement:

See Clause 6.2 of ANSI C63.10-2013 specifically.

See Clause 4 and Clause 5 of ANSI C63.10-2013 generally.

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

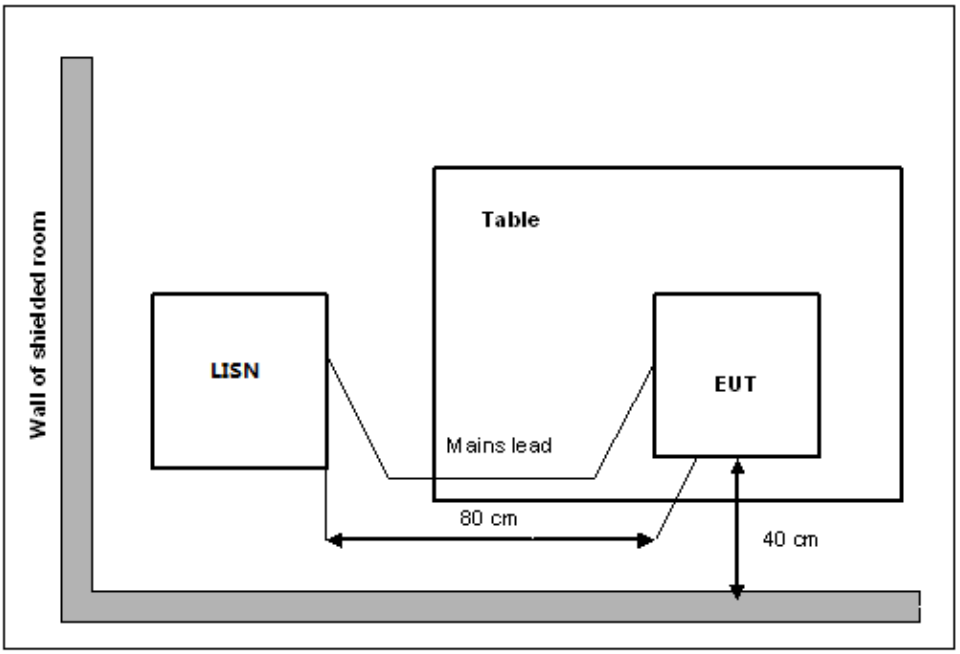
The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/IF bandwidth
0.15-30	9kHz

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Setup



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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:

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Result for Traffic:

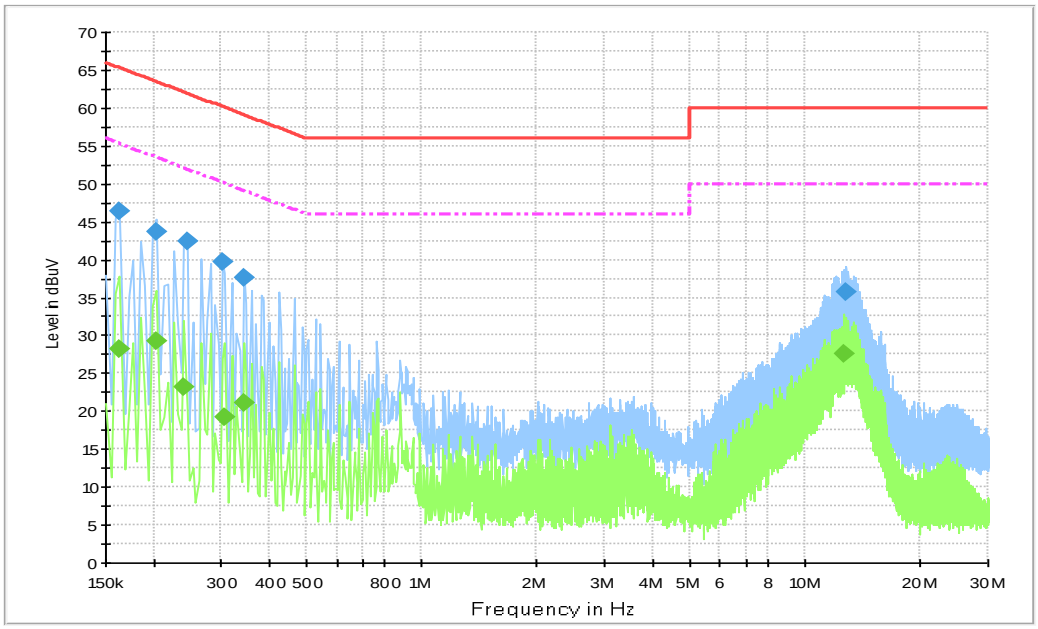

Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note1: 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)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.163500	46.3	3000.	9.000	L1	19.5	18.9	65.3
0.204000	43.6	3000.	9.000	L1	19.5	19.8	63.4
0.244500	42.4	3000.	9.000	N	19.8	19.5	61.9
0.303000	39.7	3000.	9.000	N	19.8	20.4	60.2
0.343500	37.6	3000.	9.000	L1	19.5	21.5	59.1
12.763500	35.7	3000.	9.000	L1	19.8	24.3	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.163500	28.2	3000.0	9.000	L1	19.5	27.1	55.3
0.204000	29.3	3000.0	9.000	N	19.7	24.2	53.4
0.240000	23.1	3000.0	9.000	N	19.8	29.0	52.1
0.307500	19.1	3000.0	9.000	N	19.8	30.9	50.0
0.343500	21.1	3000.0	9.000	N	19.8	28.0	49.1
12.619500	27.5	3000.0	9.000	L1	19.8	22.5	50.0

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Result for Idle:

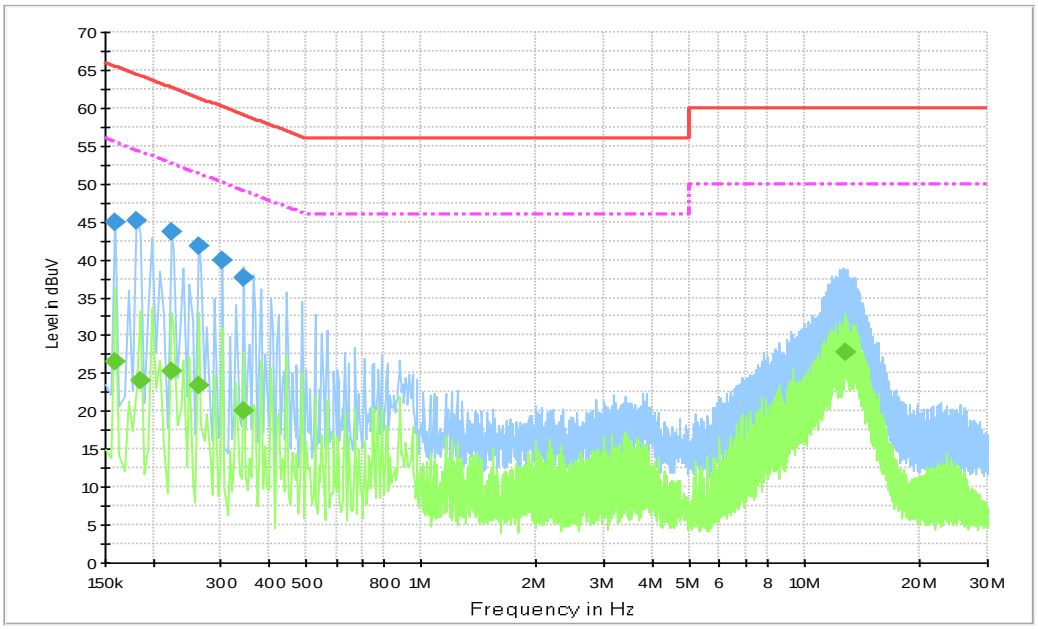

Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note1: 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)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.163500	46.3	3000.	9.000	L1	19.5	18.9	65.3
0.204000	43.6	3000.	9.000	L1	19.5	19.8	63.4
0.244500	42.4	3000.	9.000	N	19.8	19.5	61.9
0.303000	39.7	3000.	9.000	N	19.8	20.4	60.2
0.343500	37.6	3000.	9.000	L1	19.5	21.5	59.1
12.763500	35.7	3000.	9.000	L1	19.8	24.3	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.163500	28.2	3000.0	9.000	L1	19.5	27.1	55.3
0.204000	29.3	3000.0	9.000	N	19.7	24.2	53.4
0.240000	23.1	3000.0	9.000	N	19.8	29.0	52.1
0.307500	19.1	3000.0	9.000	N	19.8	30.9	50.0
0.343500	21.1	3000.0	9.000	N	19.8	28.0	49.1
12.619500	27.5	3000.0	9.000	L1	19.8	22.5	50.0

Note: The measurement results showed here are worst cases.

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ANNEX B: EUT parameters

Disclaimer: The antenna gain provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

NVLAP® ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2021-09-29 through 2022-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

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

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