

Fig.A.6.1.27 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 1 GHz-2.5 GHz)

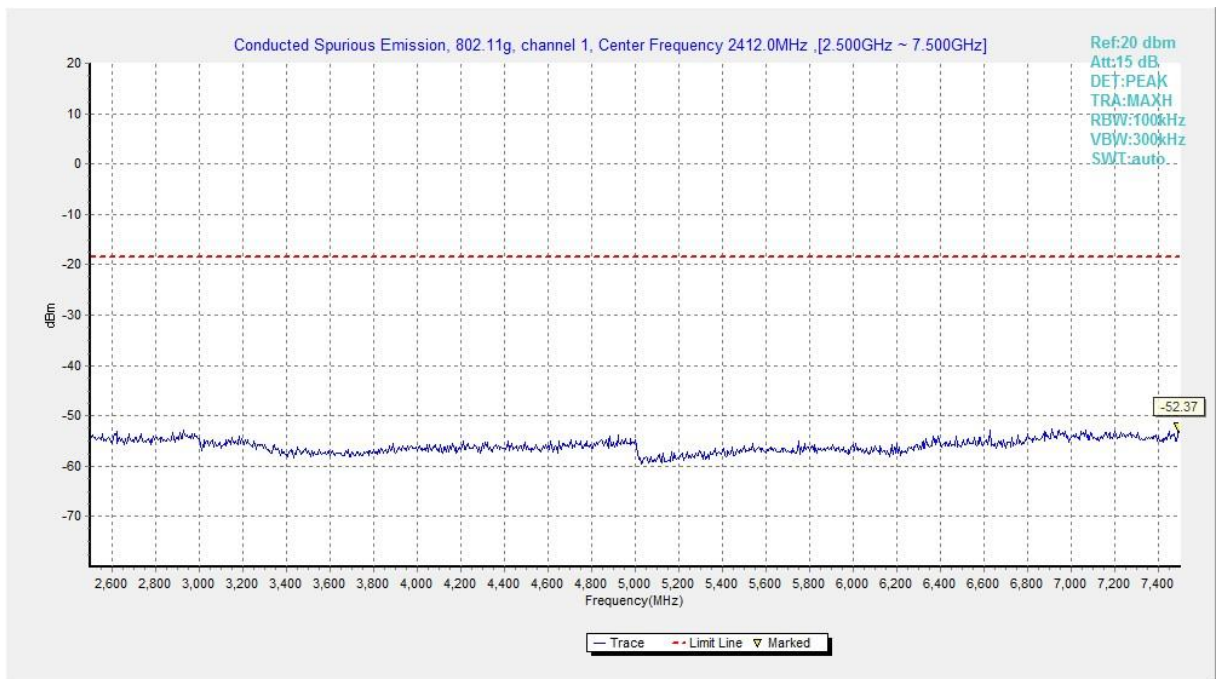


Fig.A.6.1.28 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 2.5 GHz-7.5 GHz)

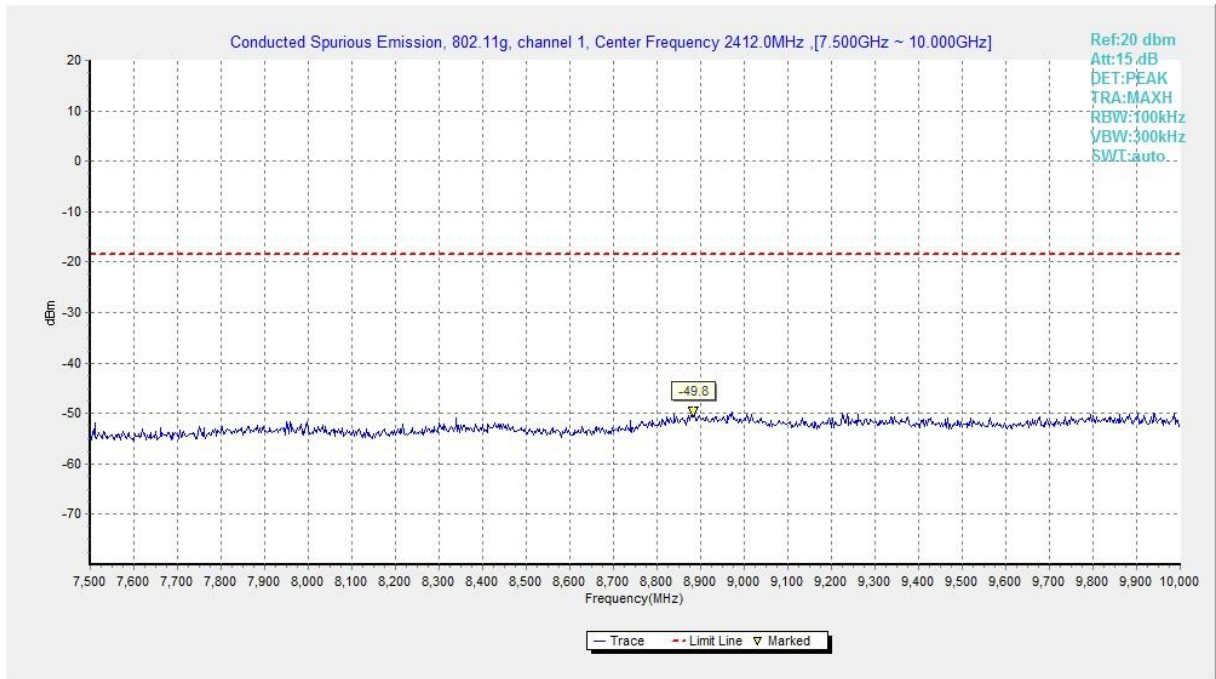


Fig.A.6.1.29 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 7.5 GHz-10 GHz)

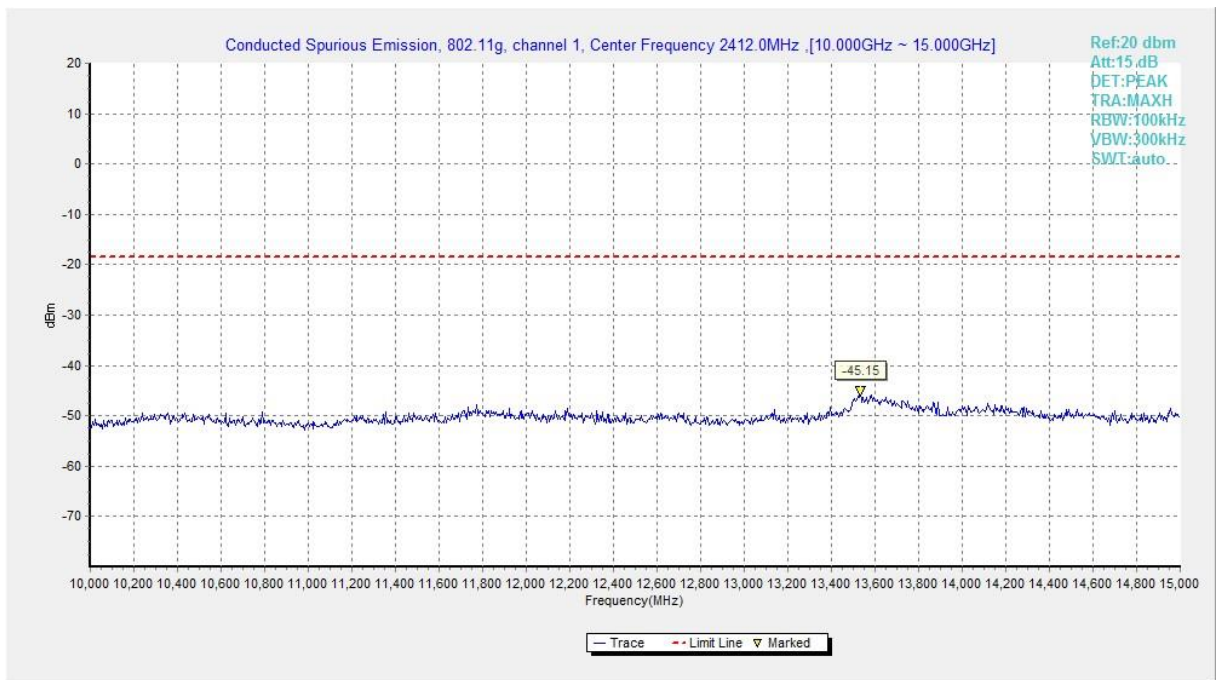


Fig.A.6.1.30 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 10 GHz-15 GHz)

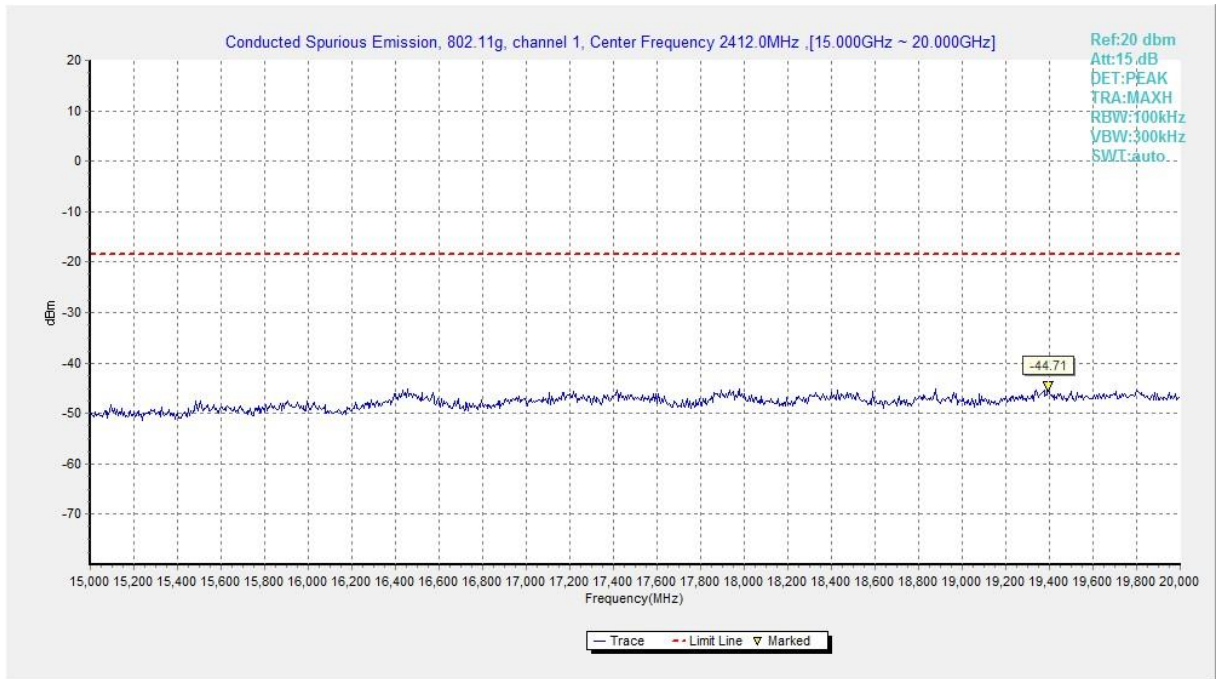


Fig.A.6.1.31 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 15 GHz-20 GHz)

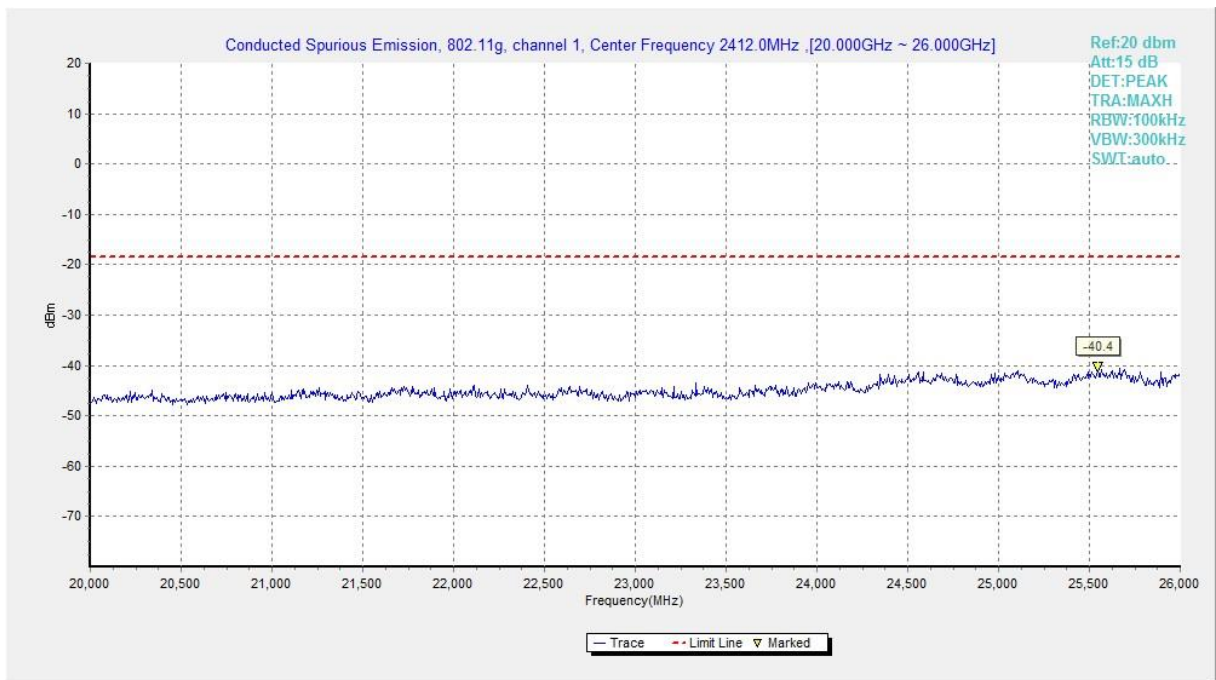


Fig.A.6.1.32 Transmitter Spurious Emission - Conducted (802.11g, Ch1, 20 GHz-26 GHz)

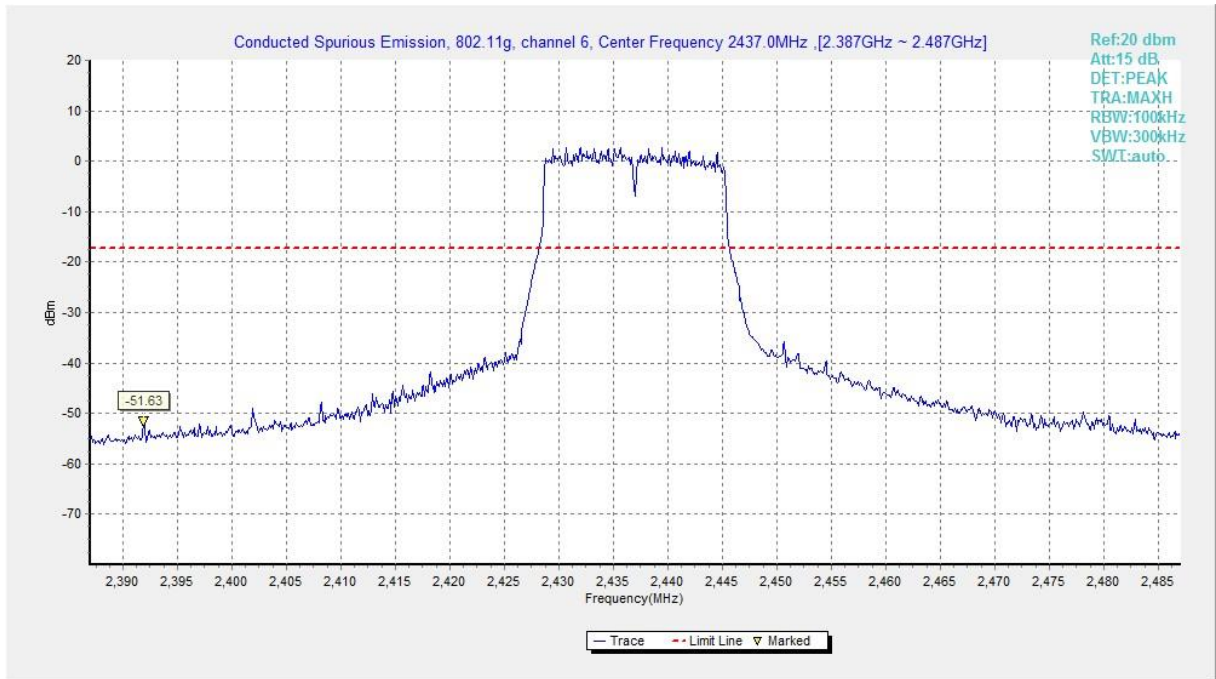


Fig.A.6.1.33 Transmitter Spurious Emission - Conducted (802.11g, Ch6, Center Frequency)

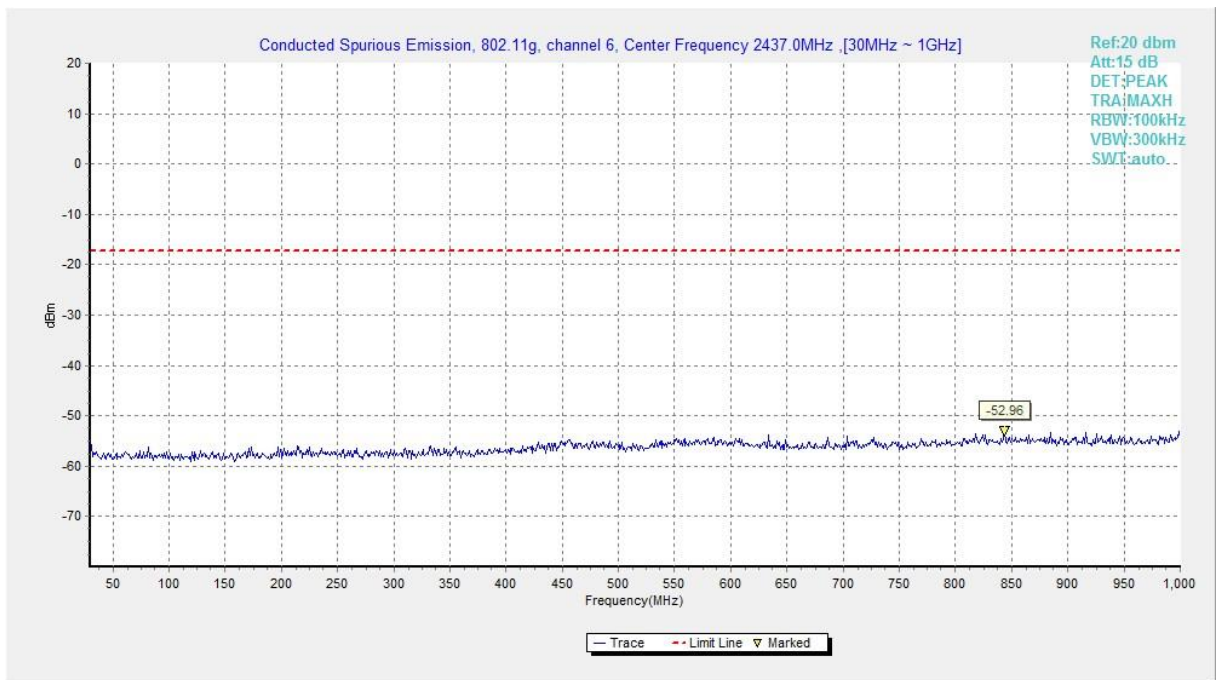


Fig.A.6.1.34 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 30 MHz-1 GHz)

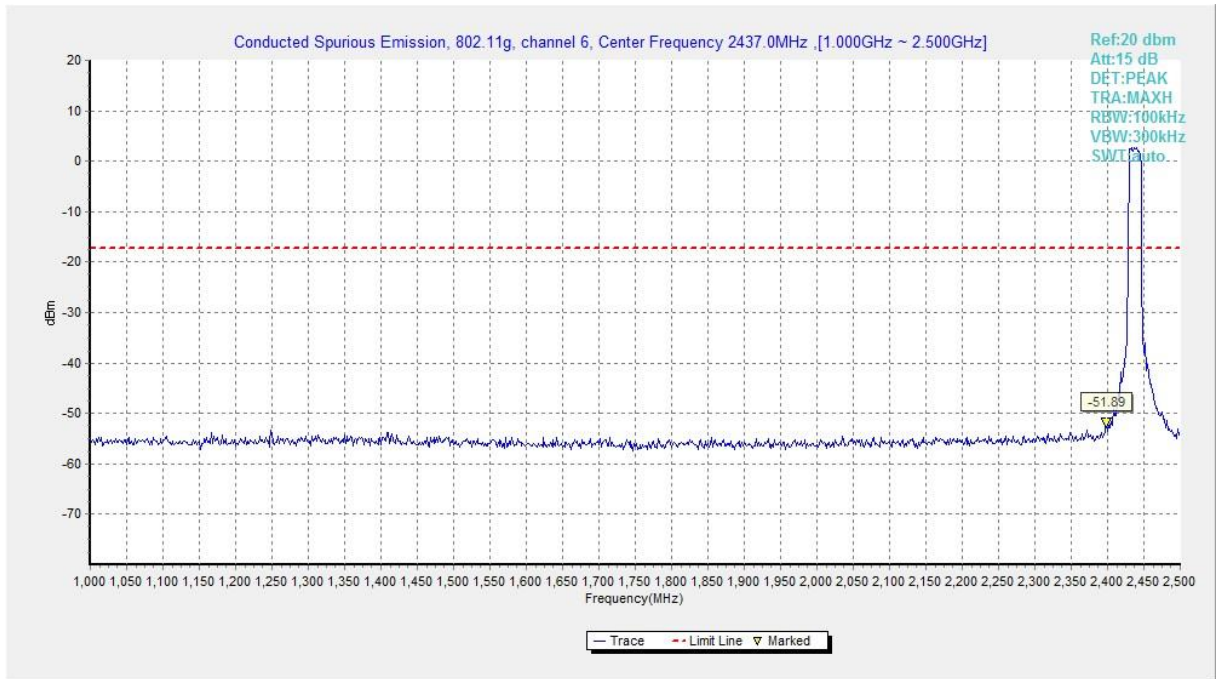


Fig.A.6.1.35 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 1 GHz-2.5 GHz)

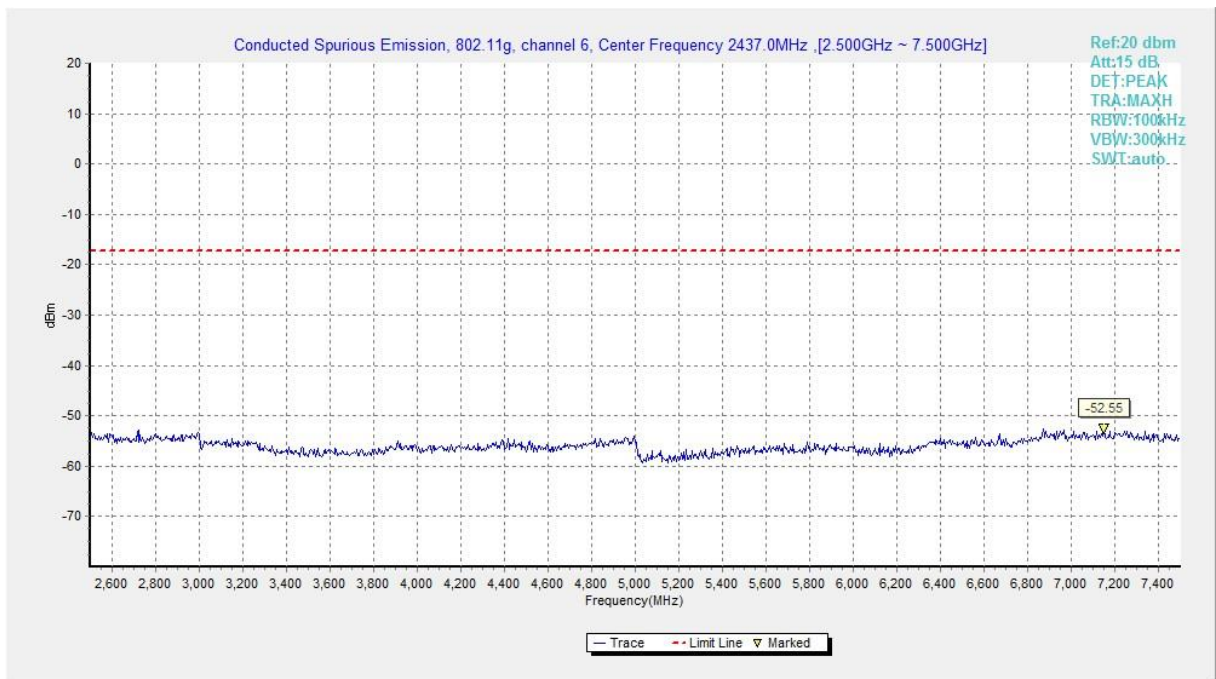


Fig.A.6.1.36 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 2.5 GHz-7.5 GHz)

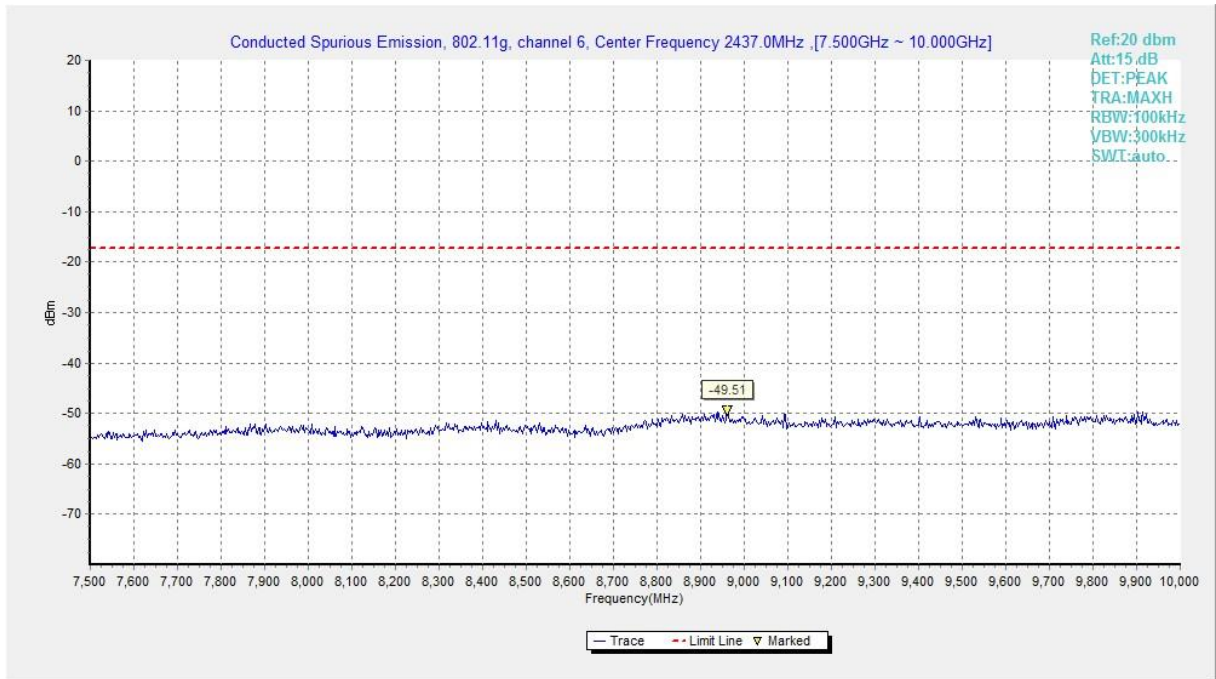


Fig.A.6.1.37 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 7.5 GHz-10 GHz)

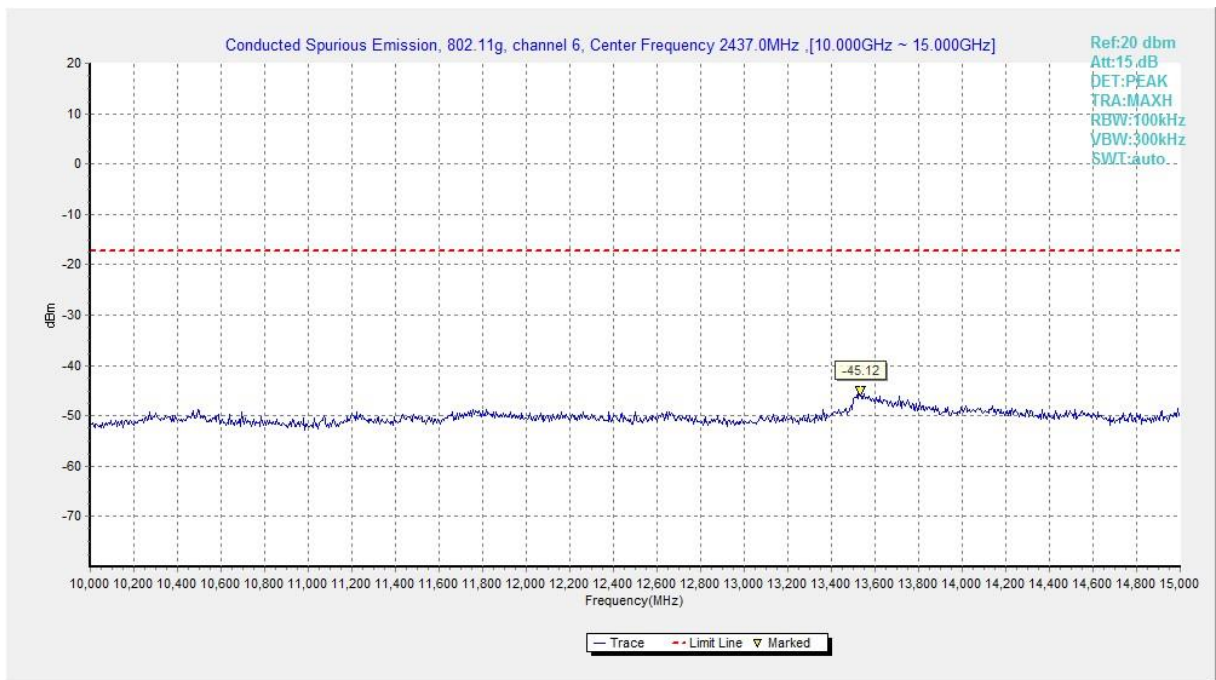


Fig.A.6.1.38 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 10 GHz-15 GHz)

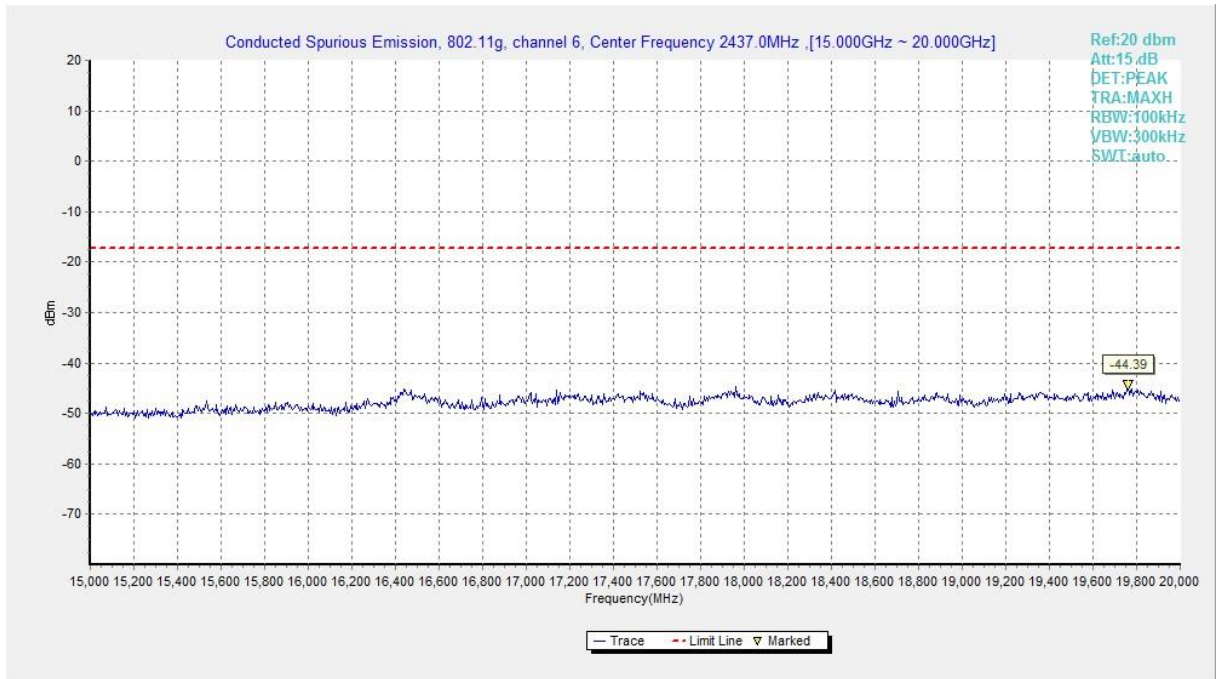


Fig.A.6.1.39 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 15 GHz-20 GHz)

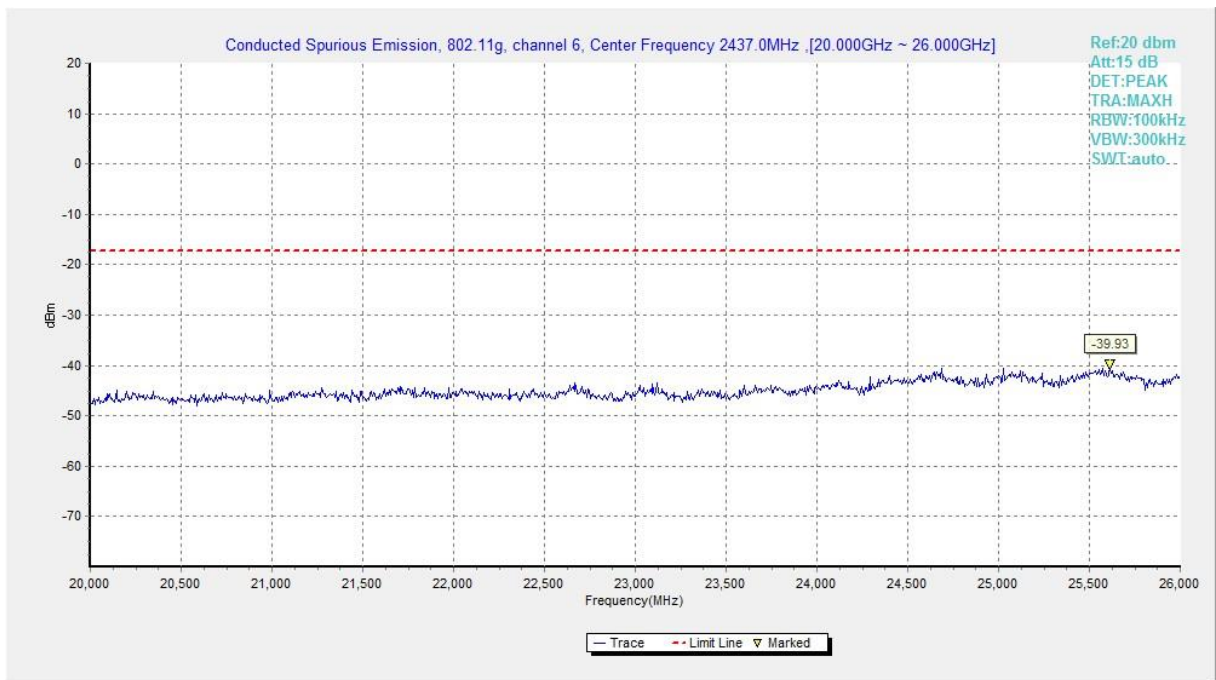


Fig.A.6.1.40 Transmitter Spurious Emission - Conducted (802.11g, Ch6, 20 GHz-26 GHz)

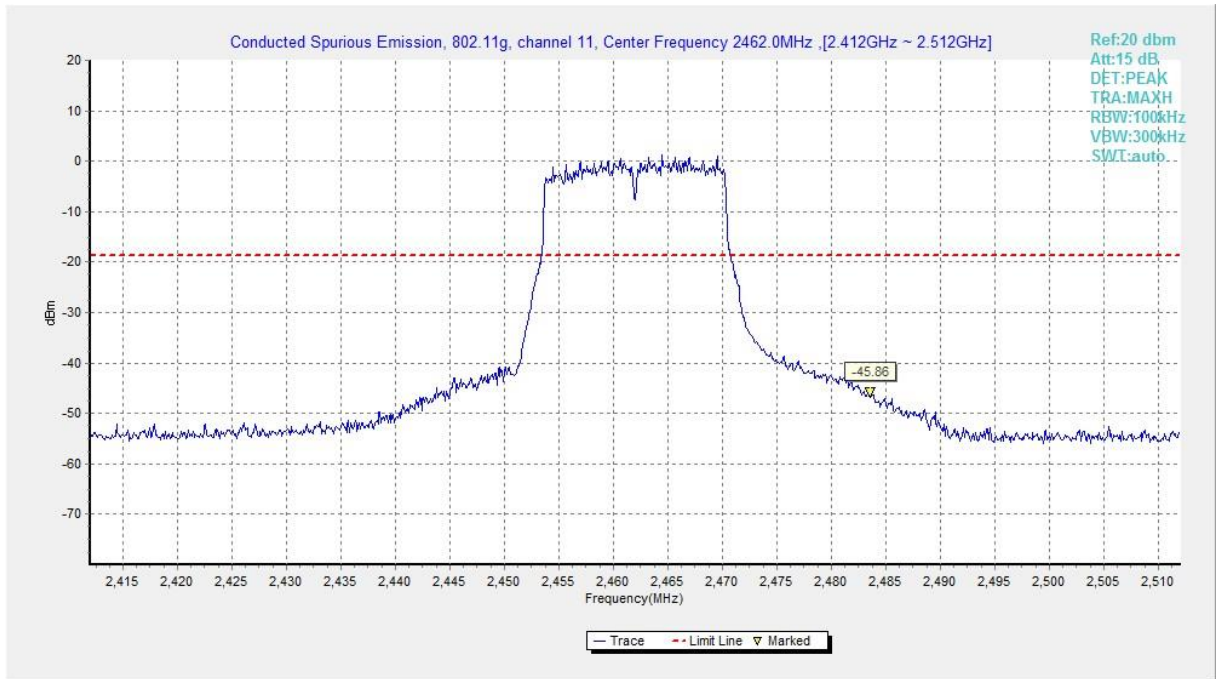


Fig.A.6.1.41 Transmitter Spurious Emission - Conducted (802.11g, Ch11, Center Frequency)

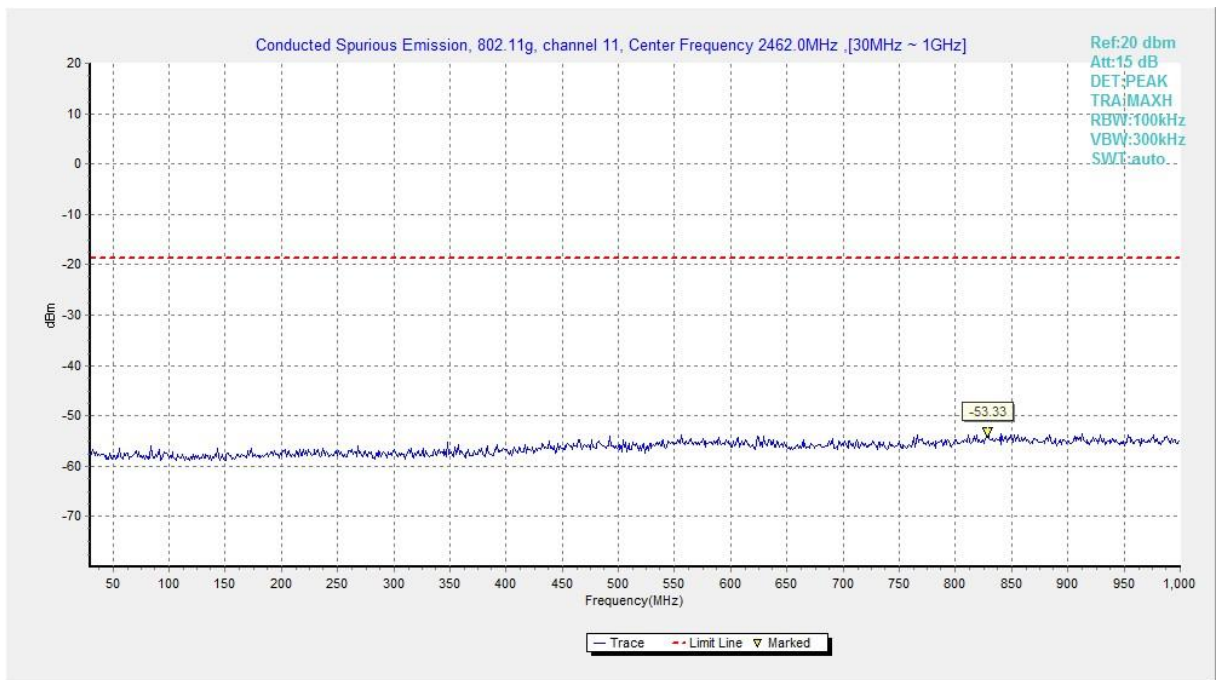


Fig.A.6.1.42 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 30 MHz-1 GHz)

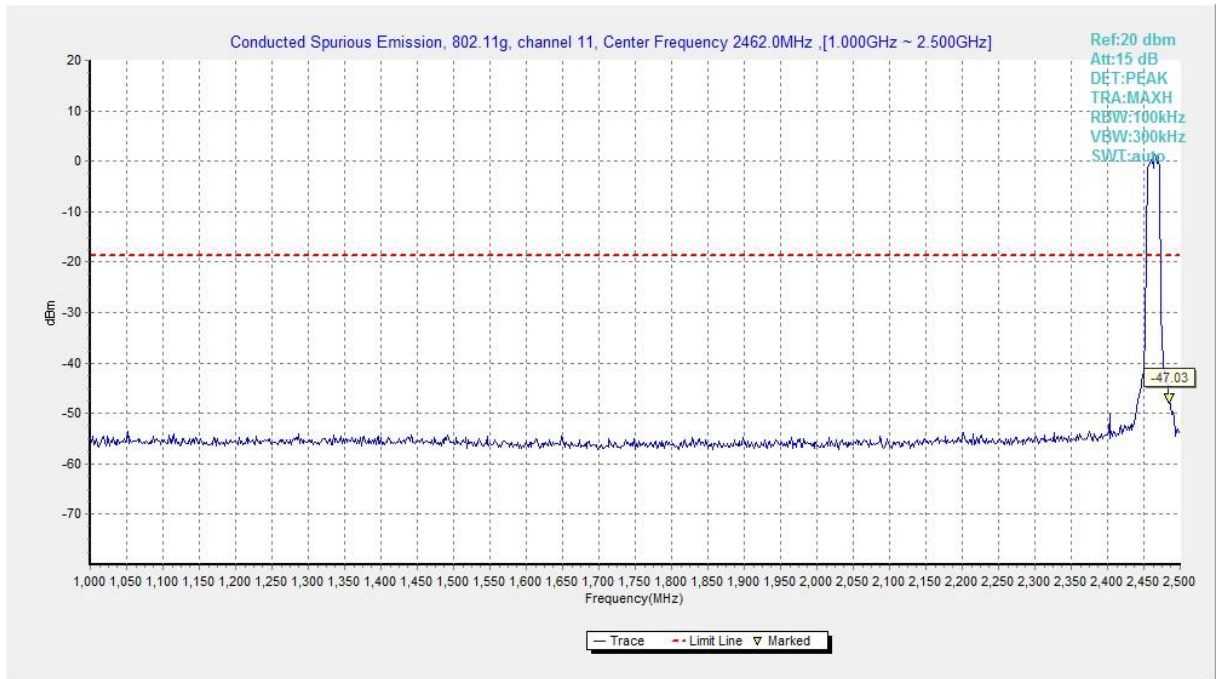


Fig.A.6.1.43 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 1 GHz-2.5 GHz)

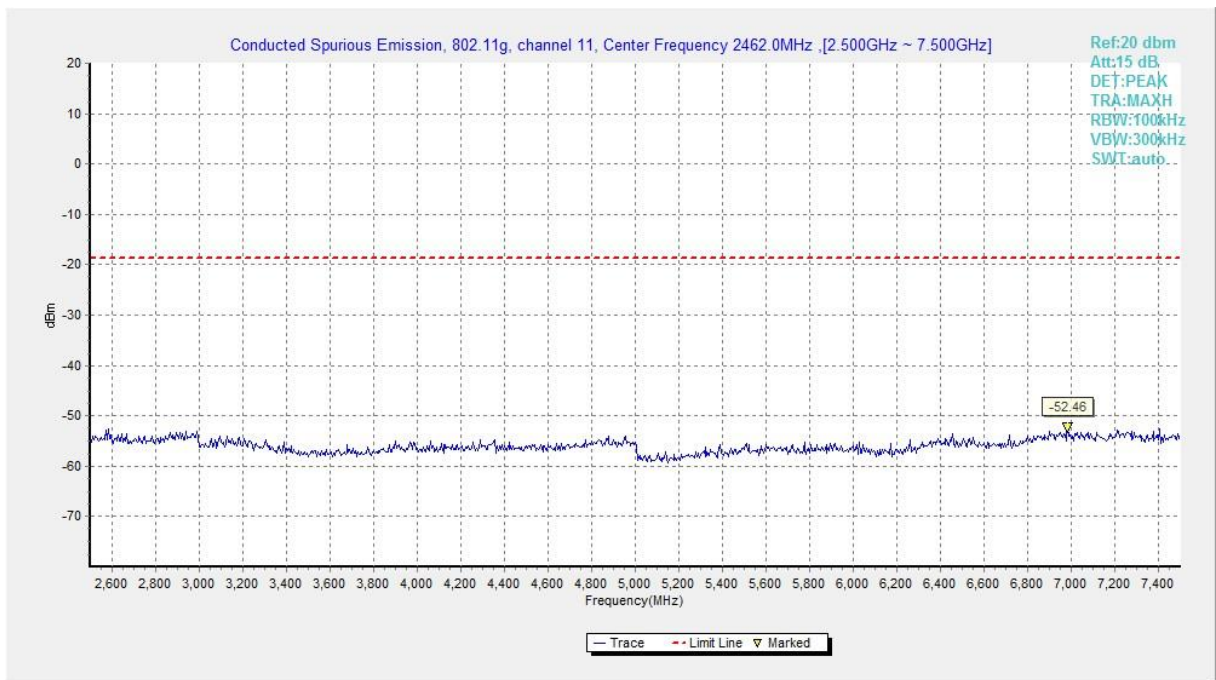


Fig.A.6.1.44 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 2.5 GHz-7.5 GHz)

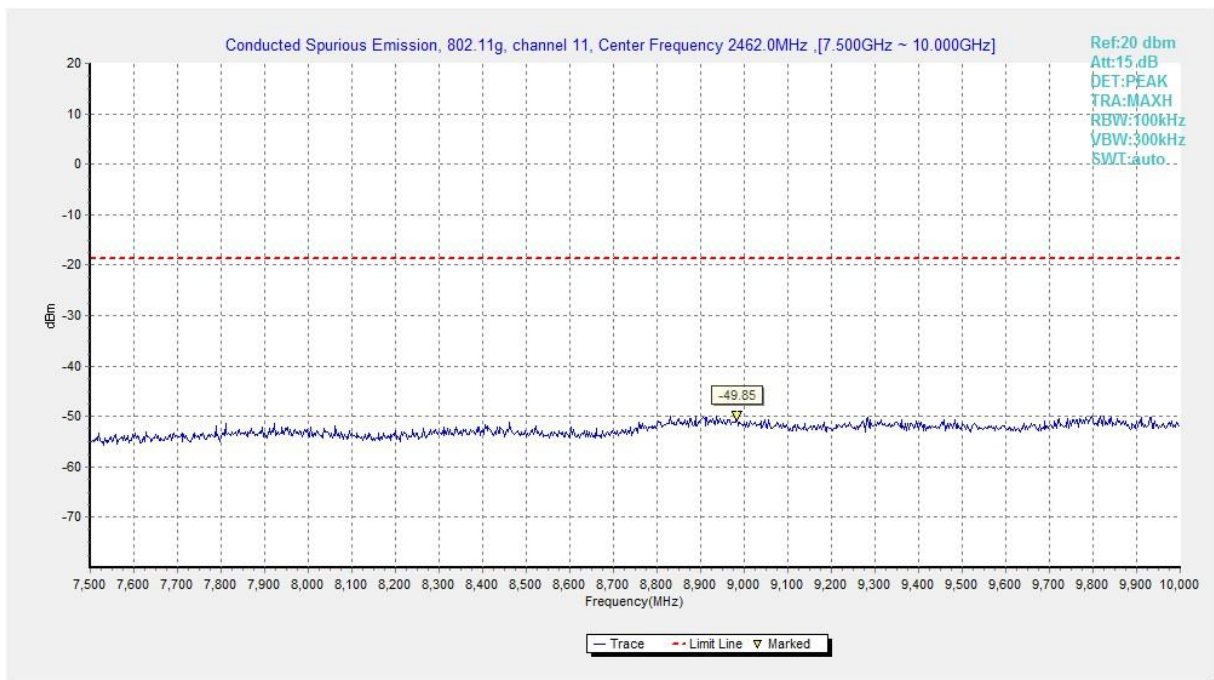


Fig.A.6.1.45 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 7.5 GHz-10 GHz)

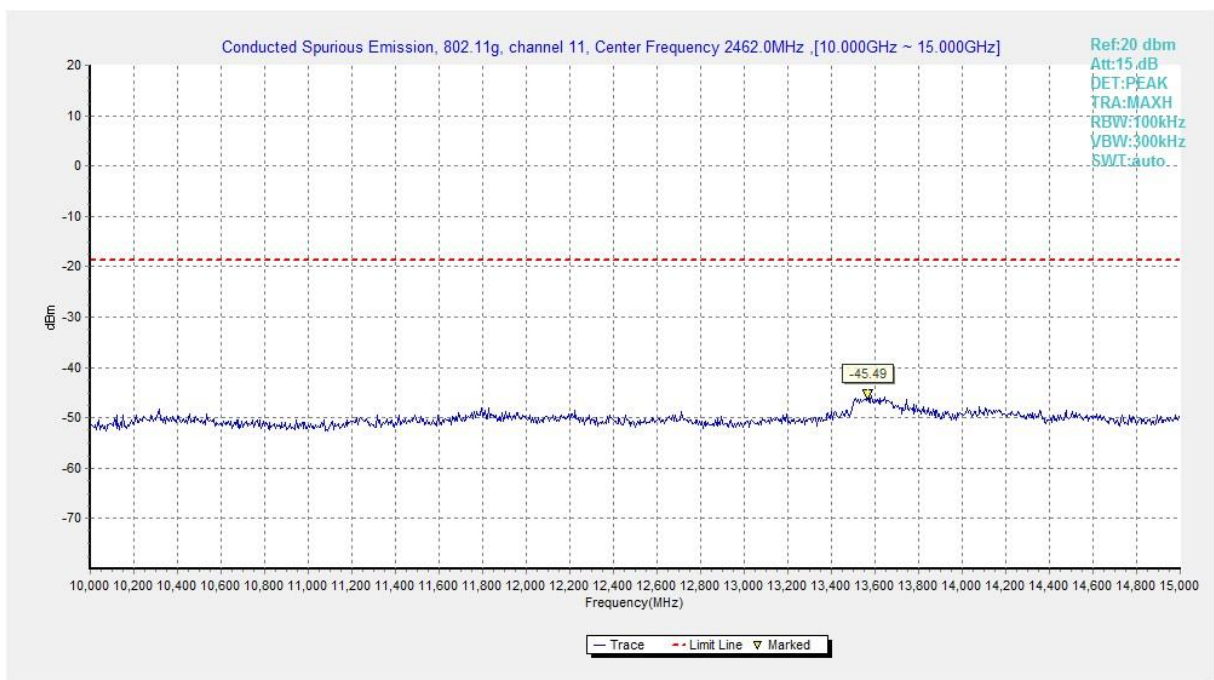


Fig.A.6.1.46 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 10 GHz-15 GHz)

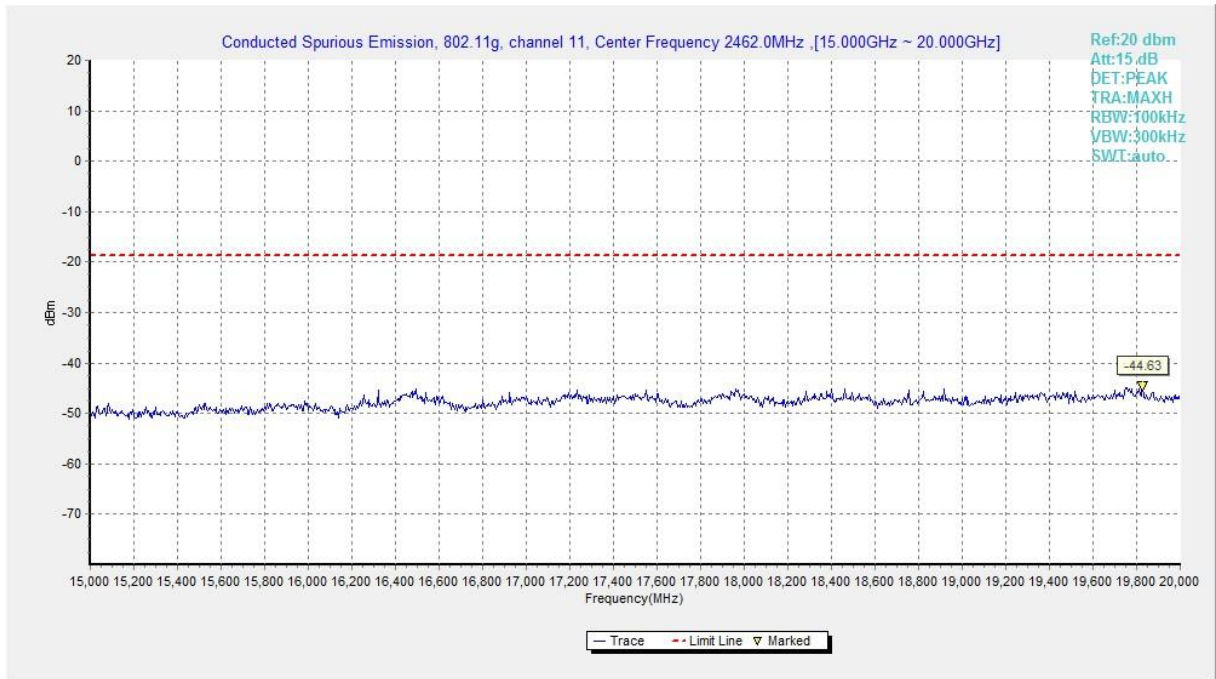


Fig.A.6.1.47 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 15 GHz-20 GHz)

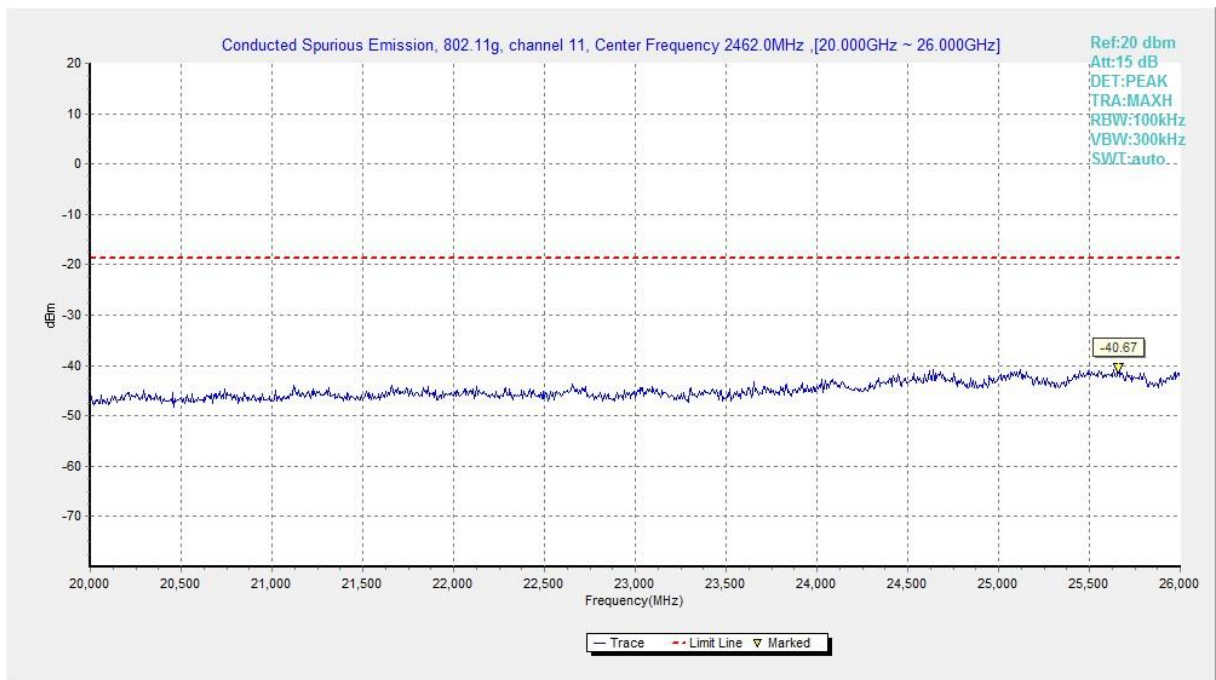


Fig.A.6.1.48 Transmitter Spurious Emission - Conducted (802.11g, Ch11, 20 GHz-26 GHz)

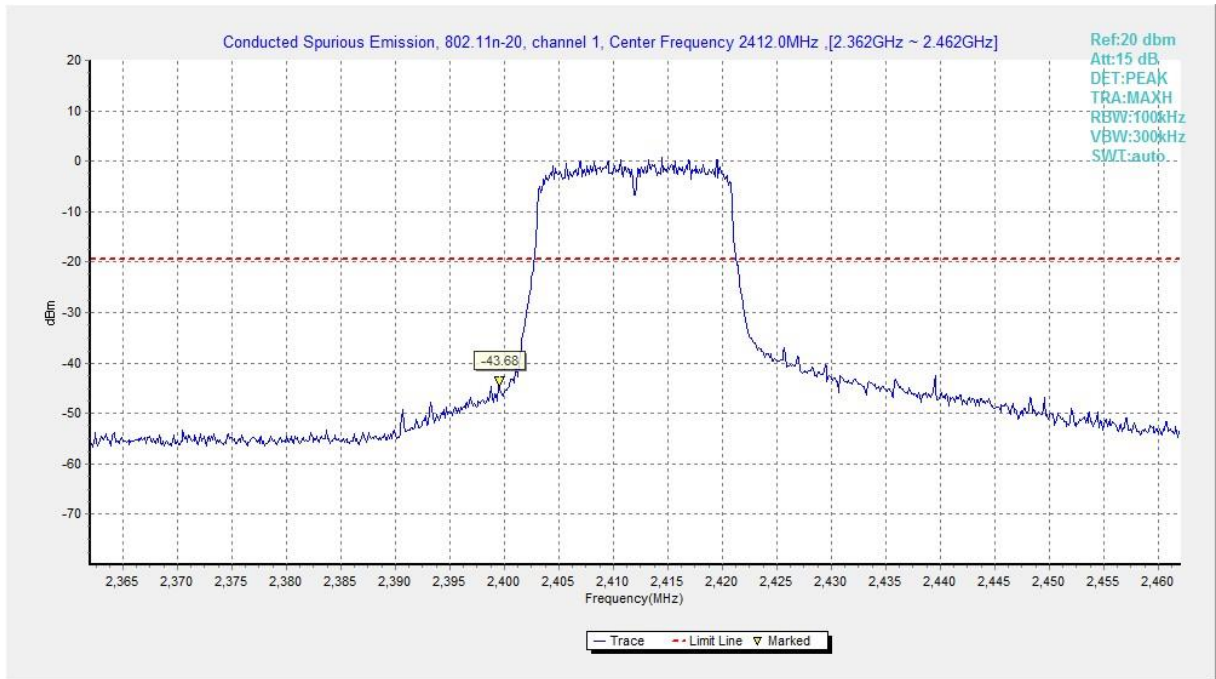


Fig.A.6.1.49 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, Center Frequency)

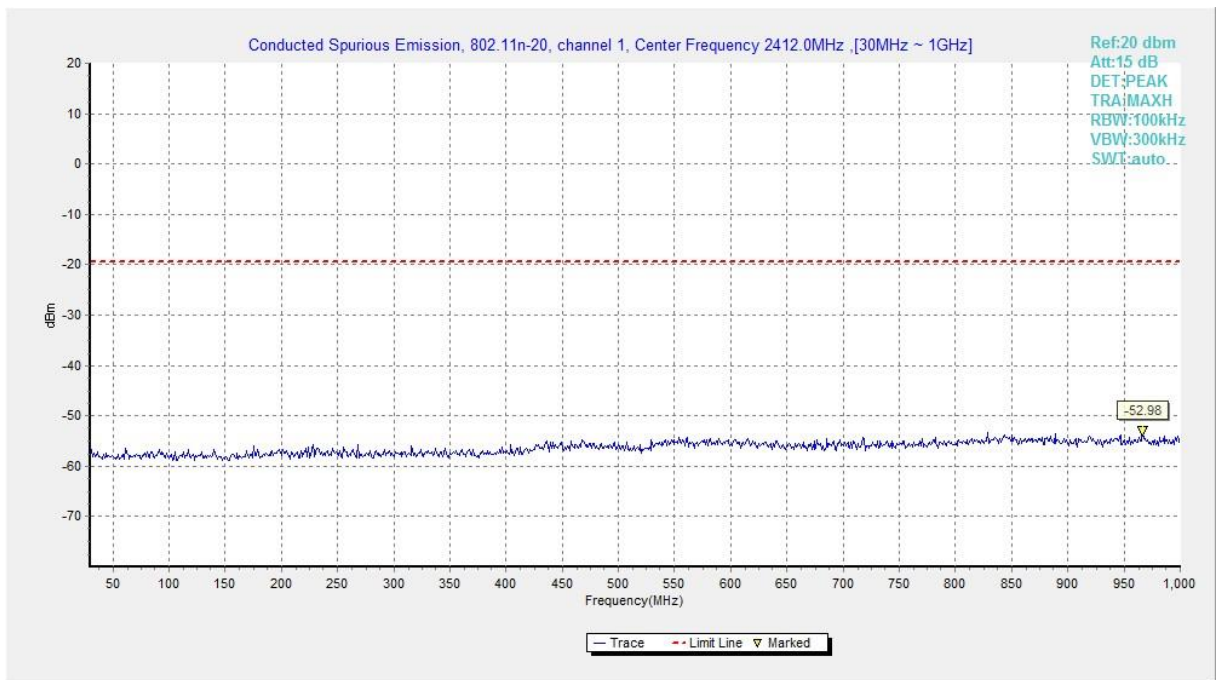


Fig.A.6.1.50 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 30 MHz-1 GHz)

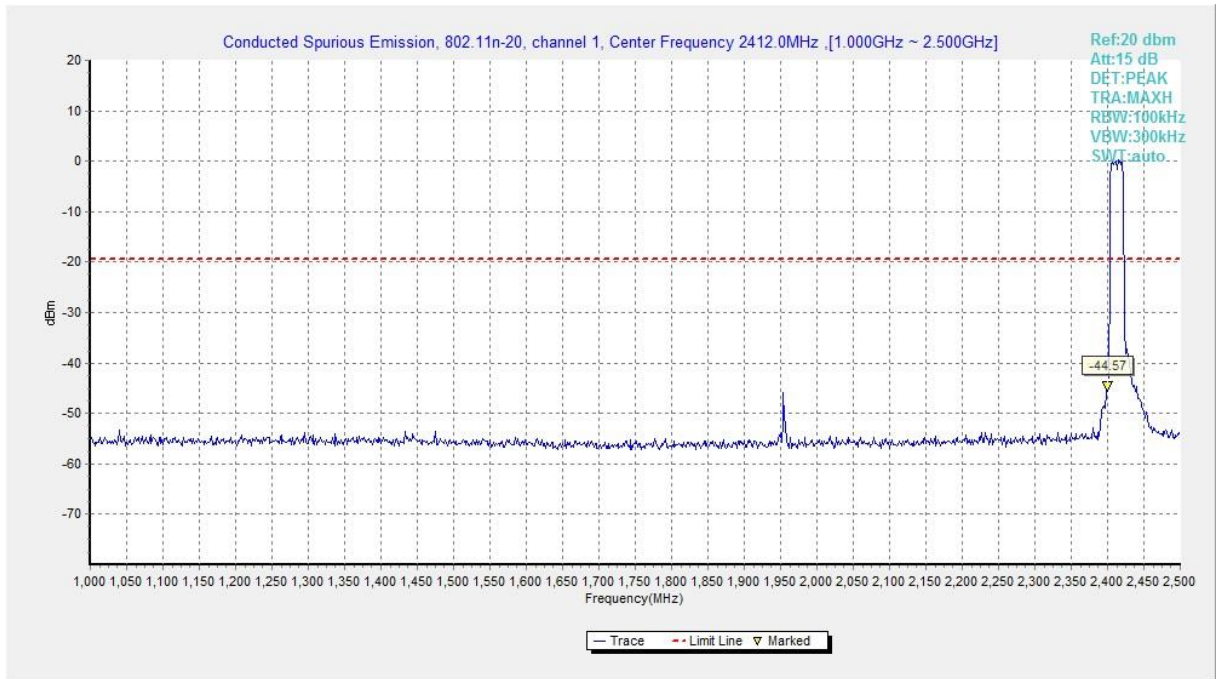


Fig.A.6.1.51 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 1 GHz-2.5 GHz)

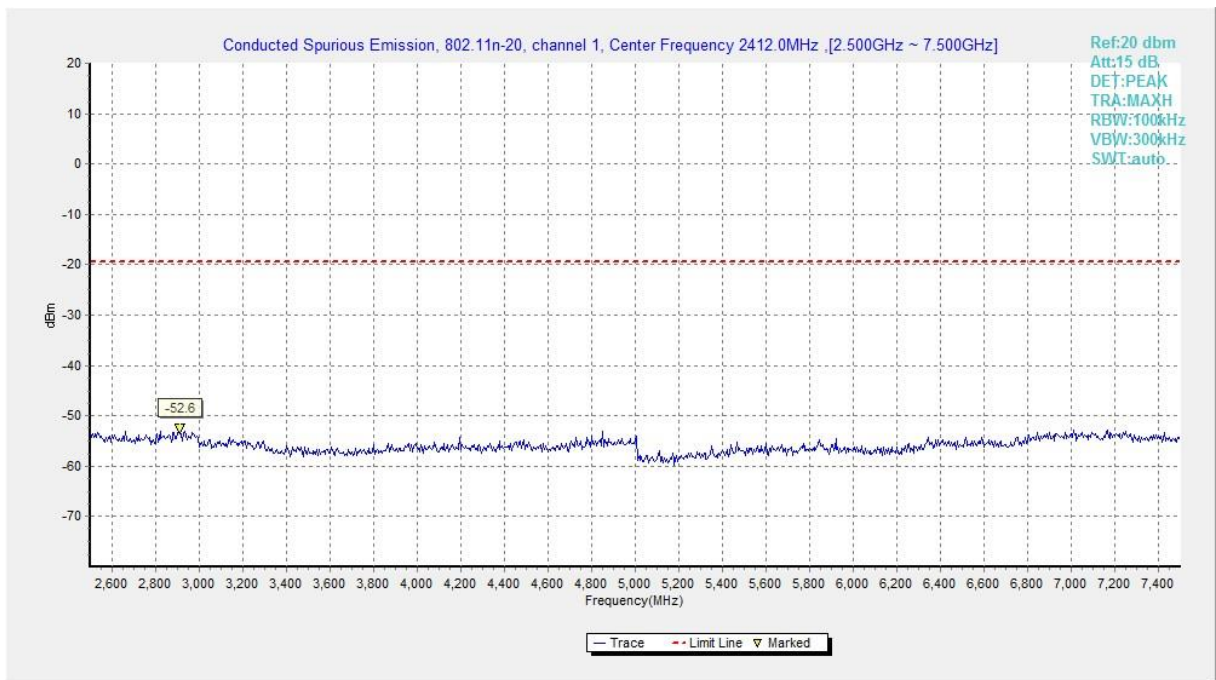


Fig.A.6.1.52 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 2.5 GHz-7.5 GHz)

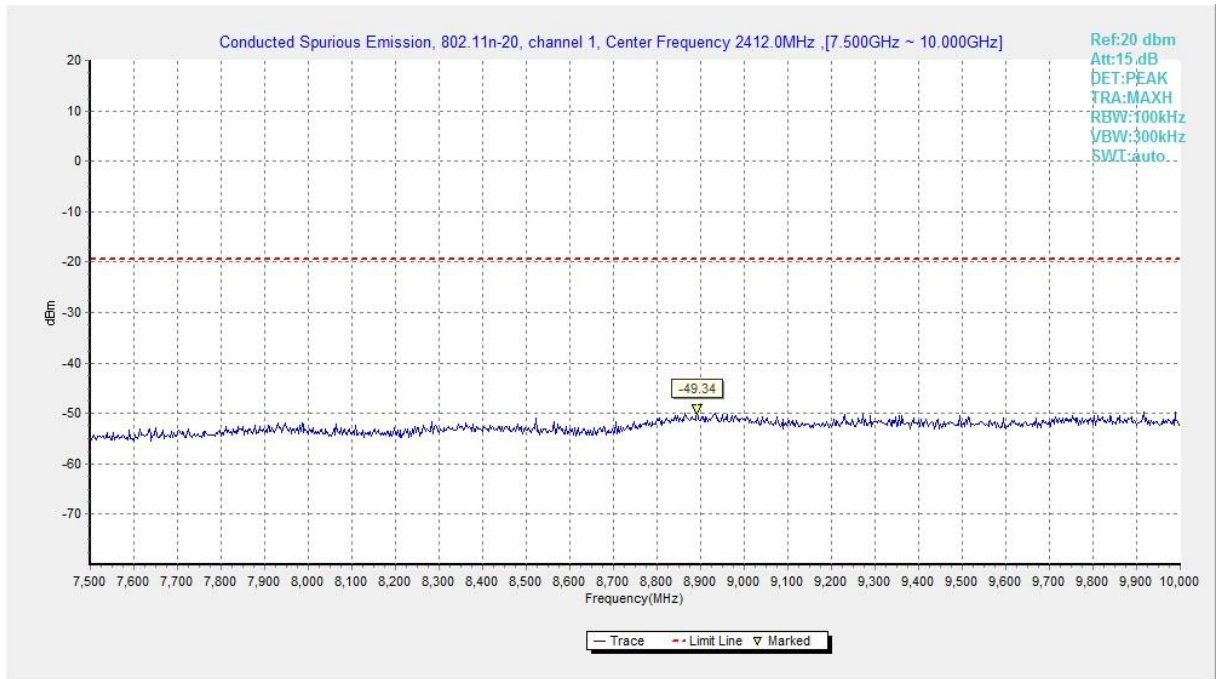


Fig.A.6.1.53 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 7.5 GHz-10 GHz)

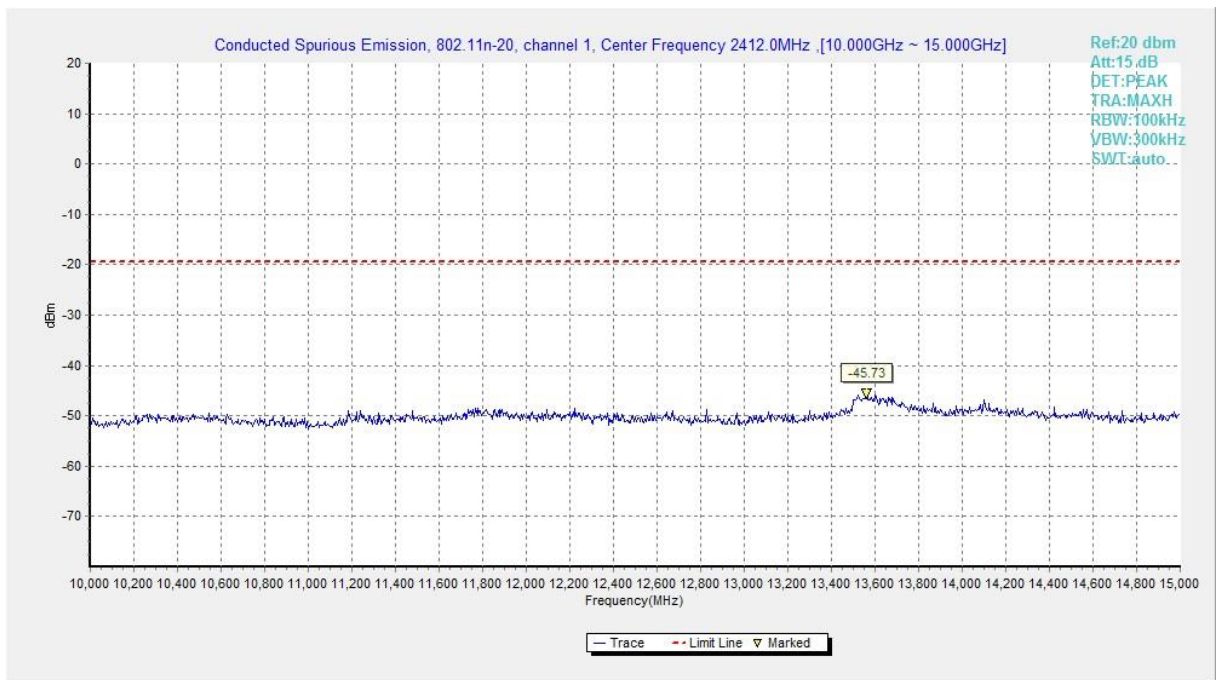


Fig.A.6.1.54 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 10 GHz-15 GHz)

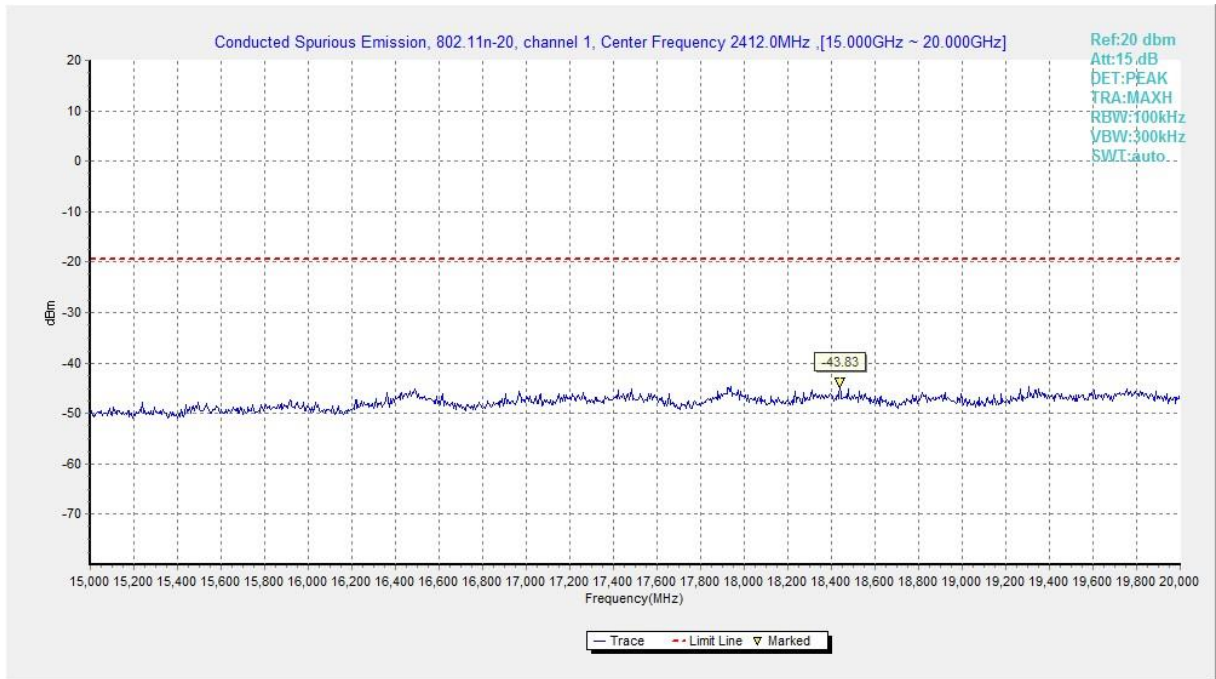


Fig.A.6.1.55 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 15 GHz-20 GHz)

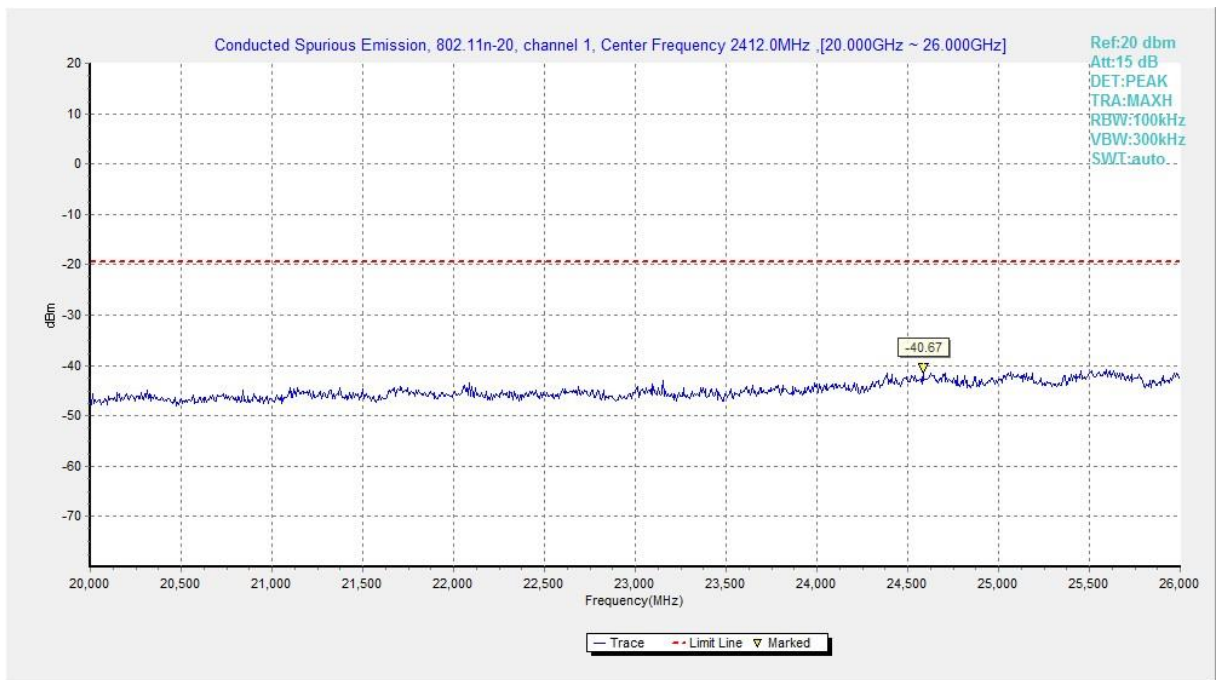


Fig.A.6.1.56 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch1, 20 GHz-26 GHz)

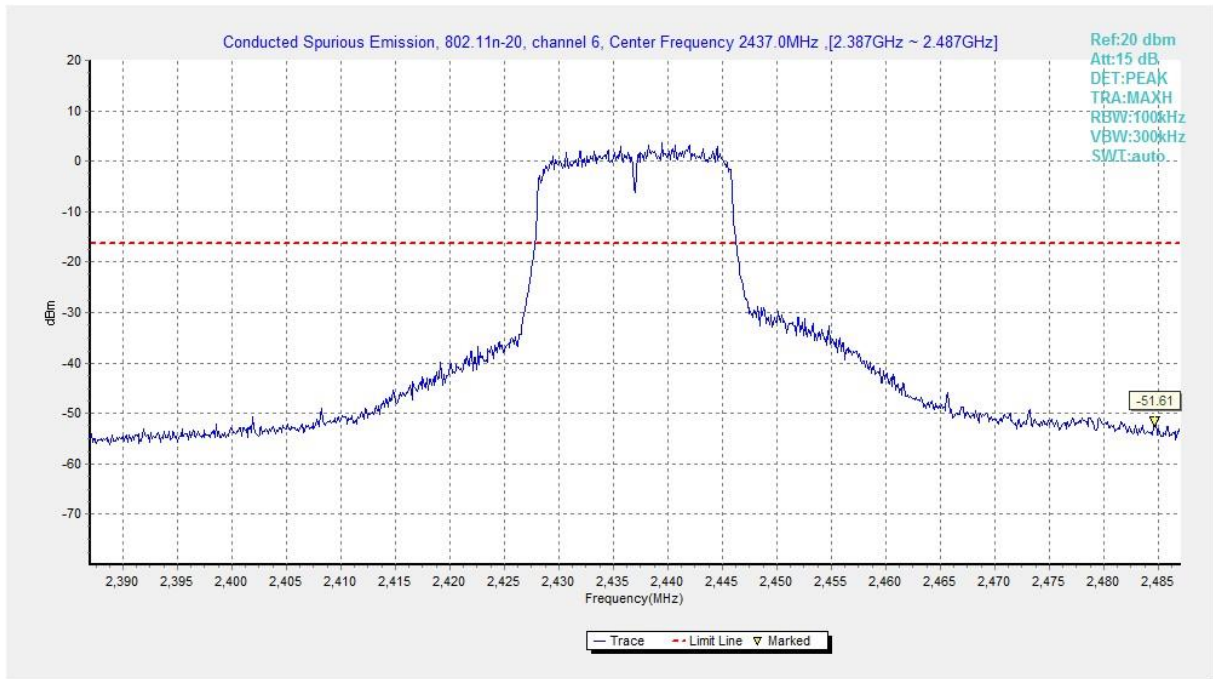


Fig.A.6.1.57 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, Center Frequency)

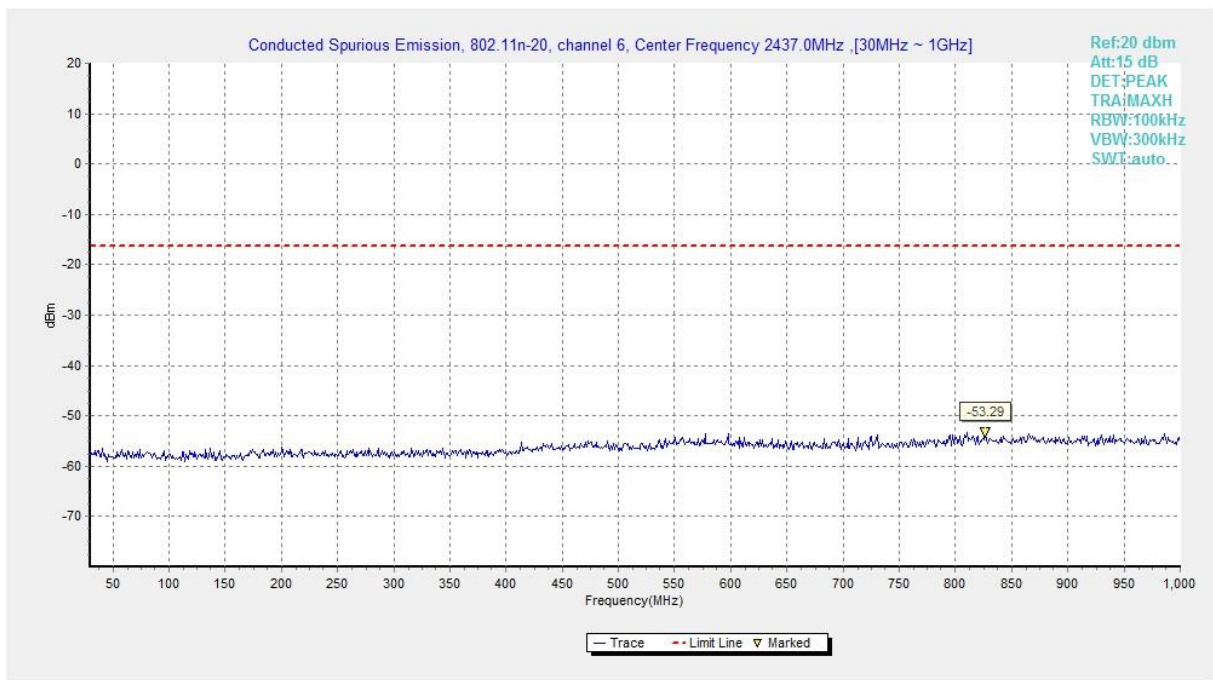


Fig.A.6.1.58 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 30 MHz-1 GHz)

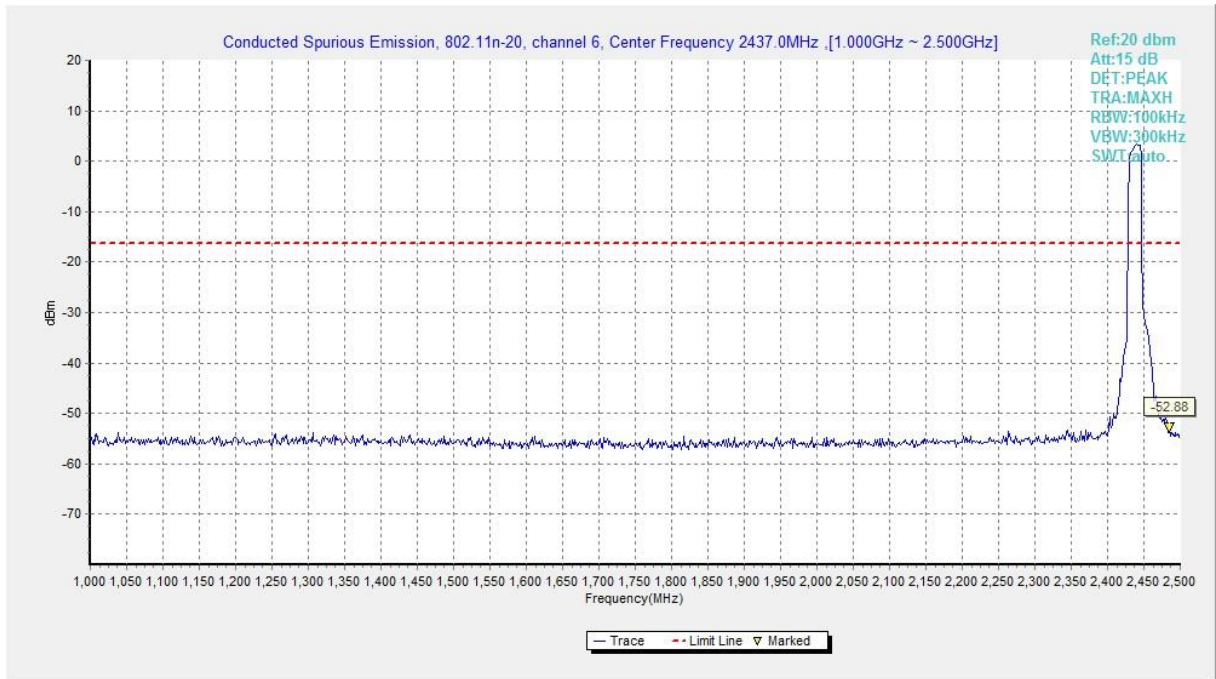


Fig.A.6.1.59 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 1 GHz-2.5 GHz)

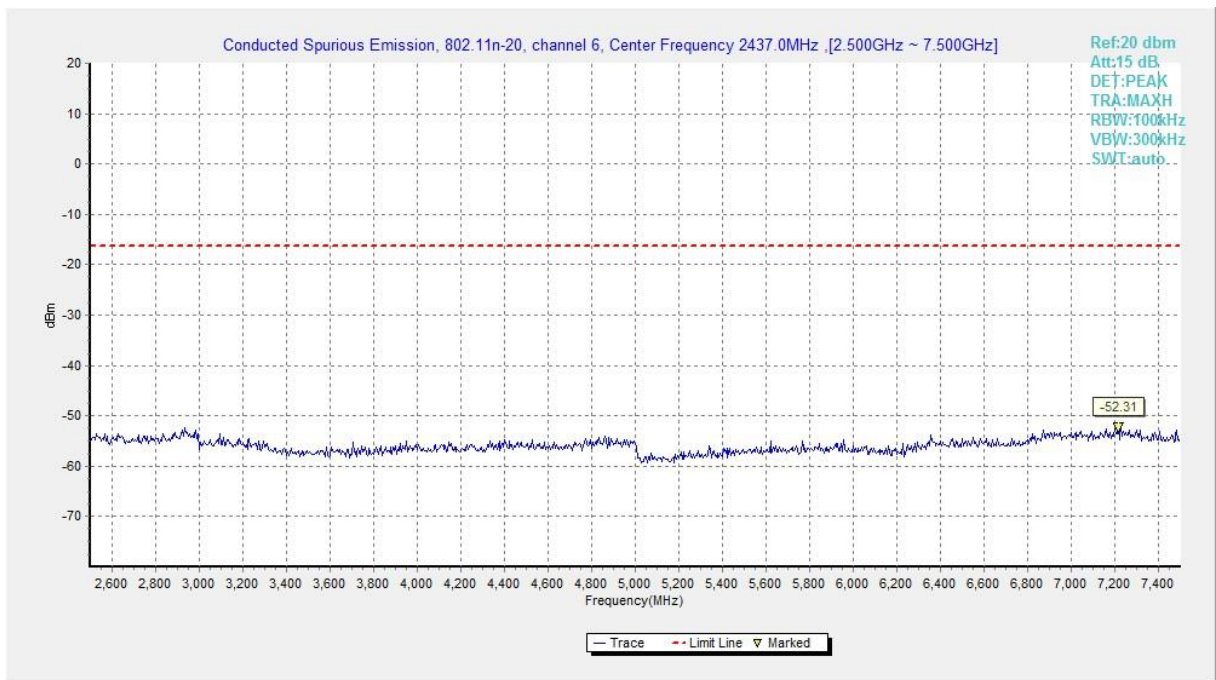


Fig.A.6.1.60 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 2.5 GHz-7.5 GHz)

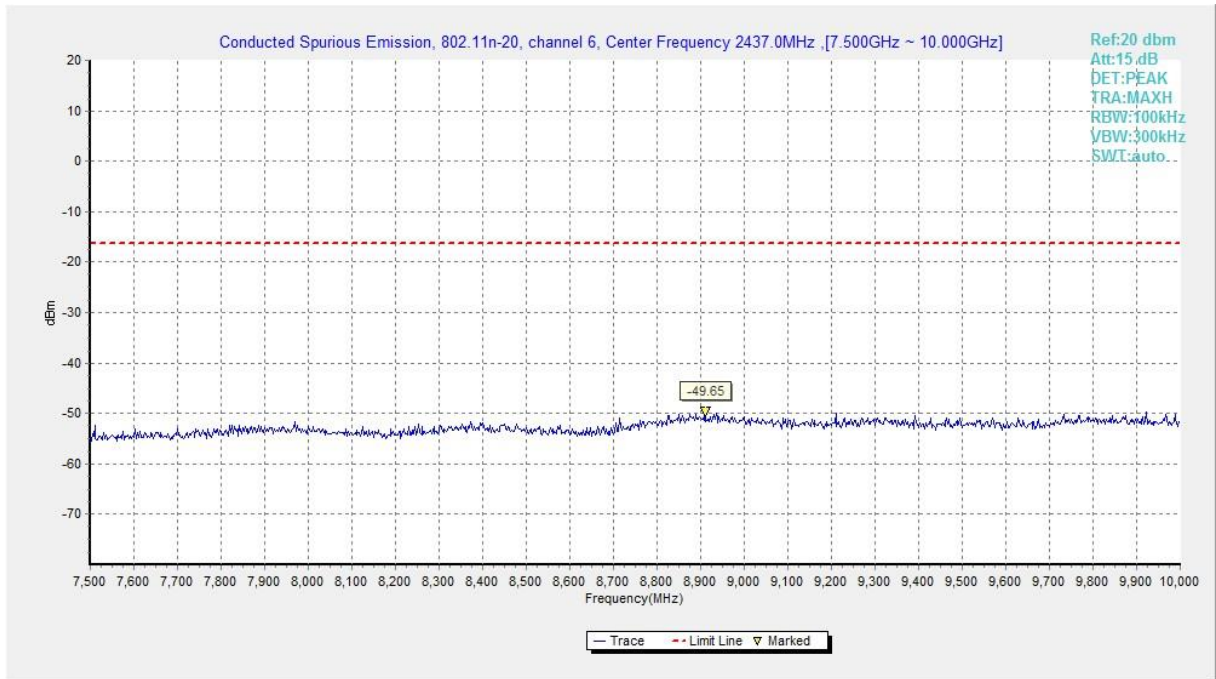


Fig.A.6.1.61 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 7.5 GHz-10 GHz)

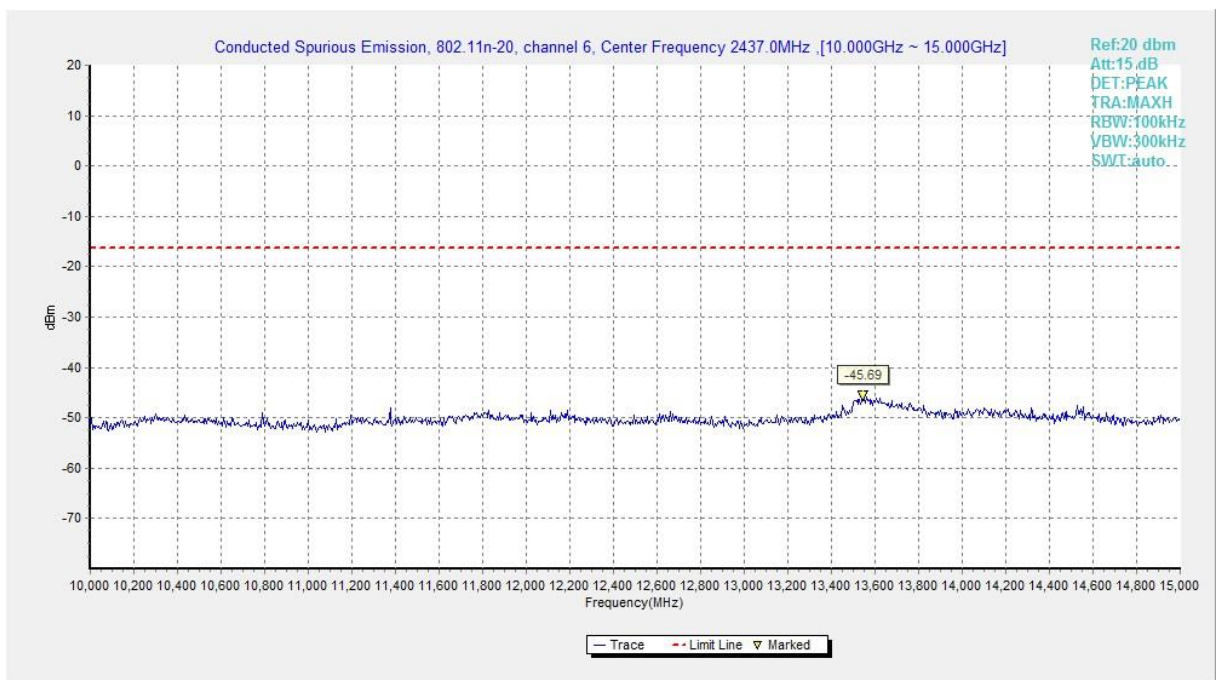


Fig.A.6.1.62 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 10 GHz-15 GHz)

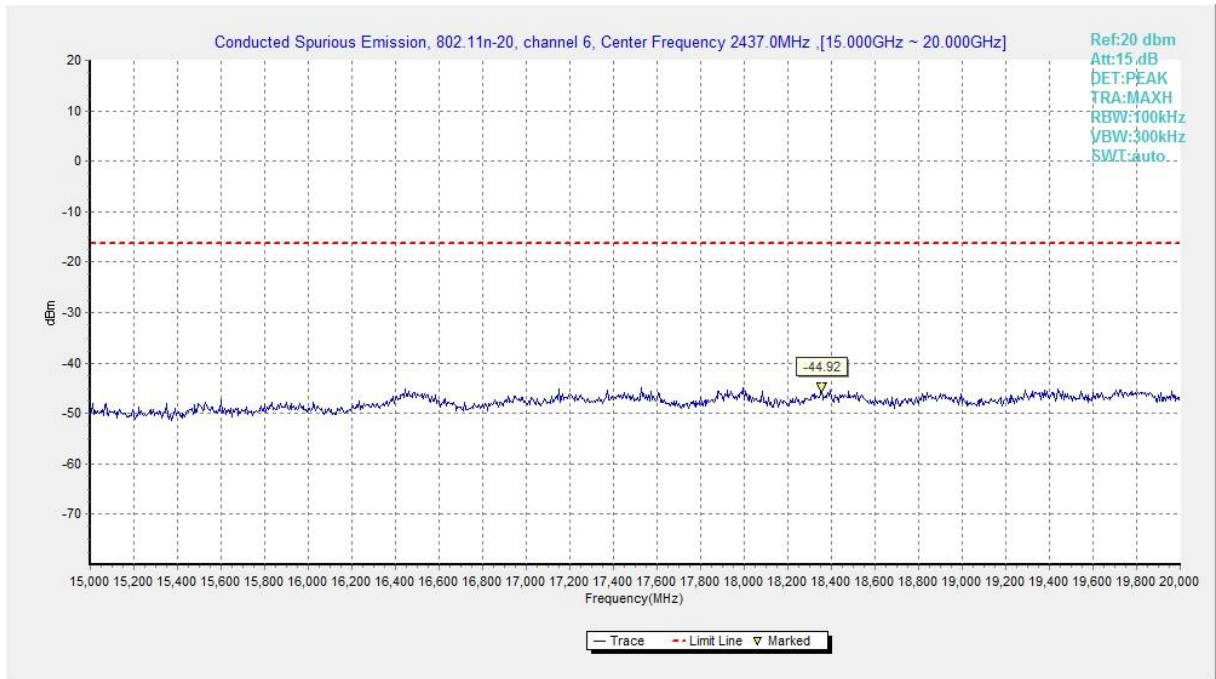


Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)

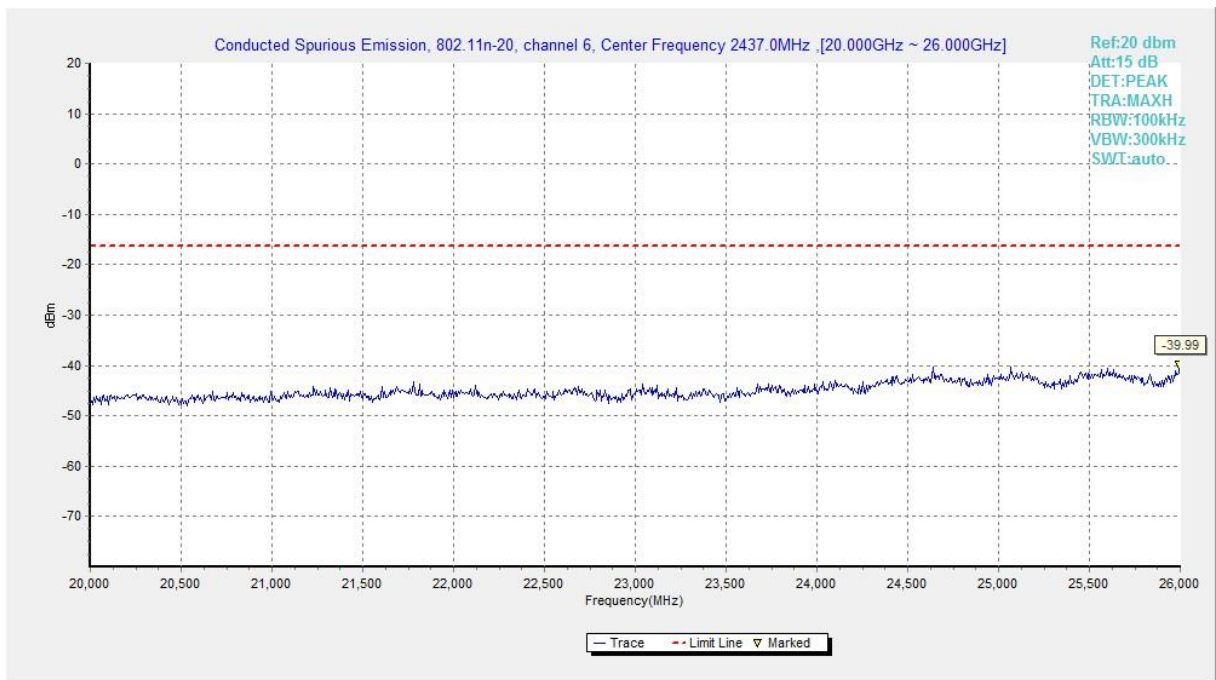


Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)

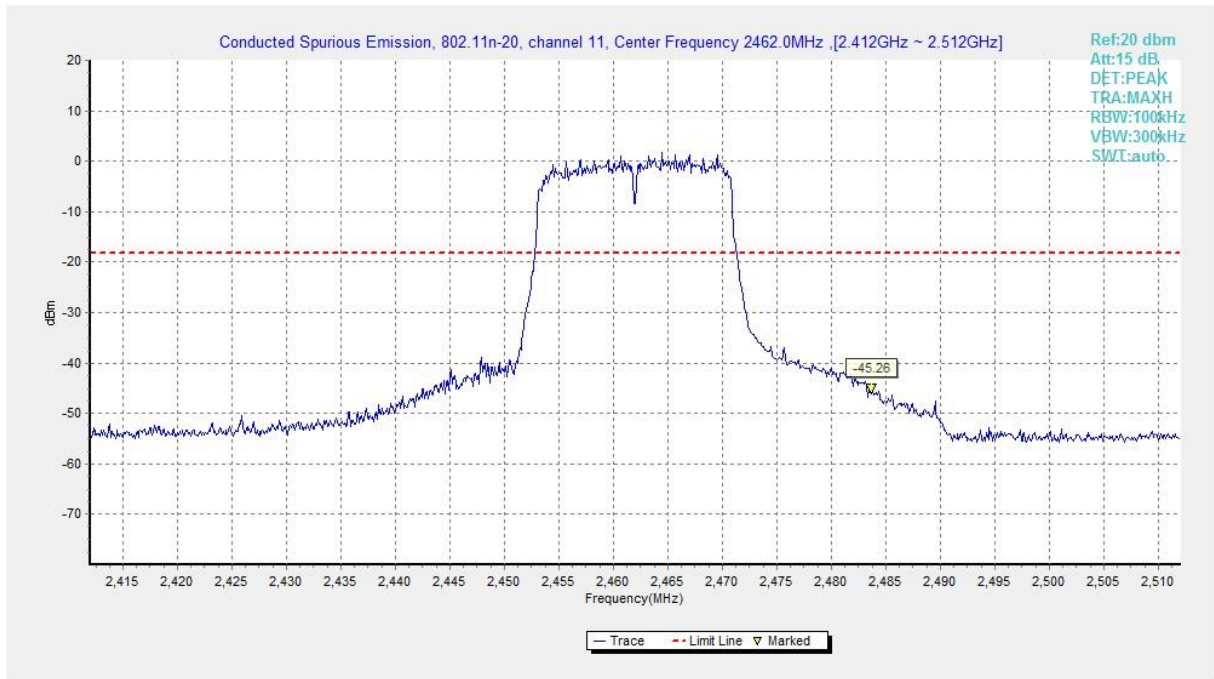


Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)

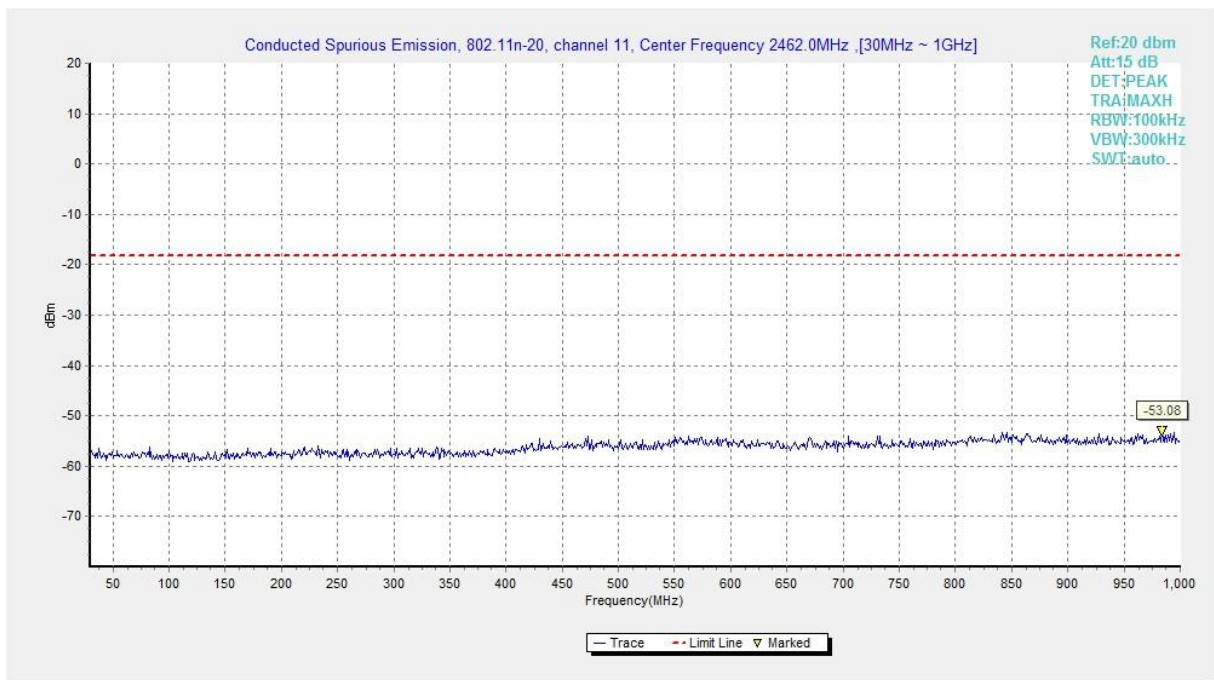


Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)

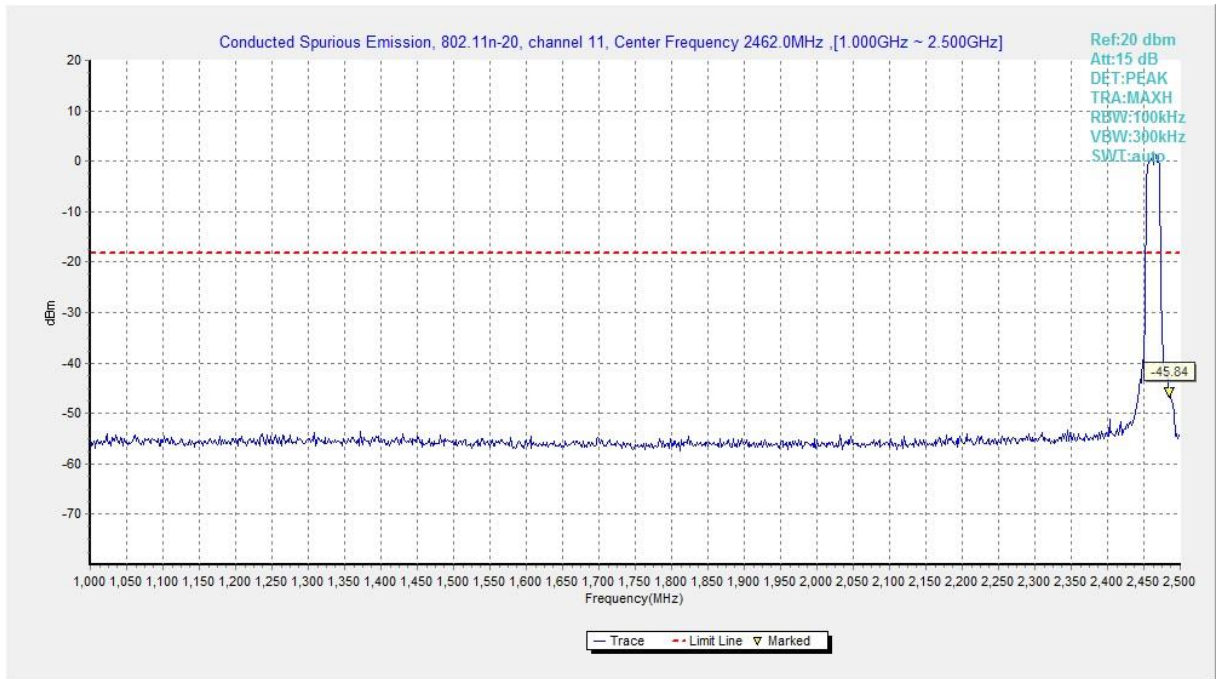


Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)

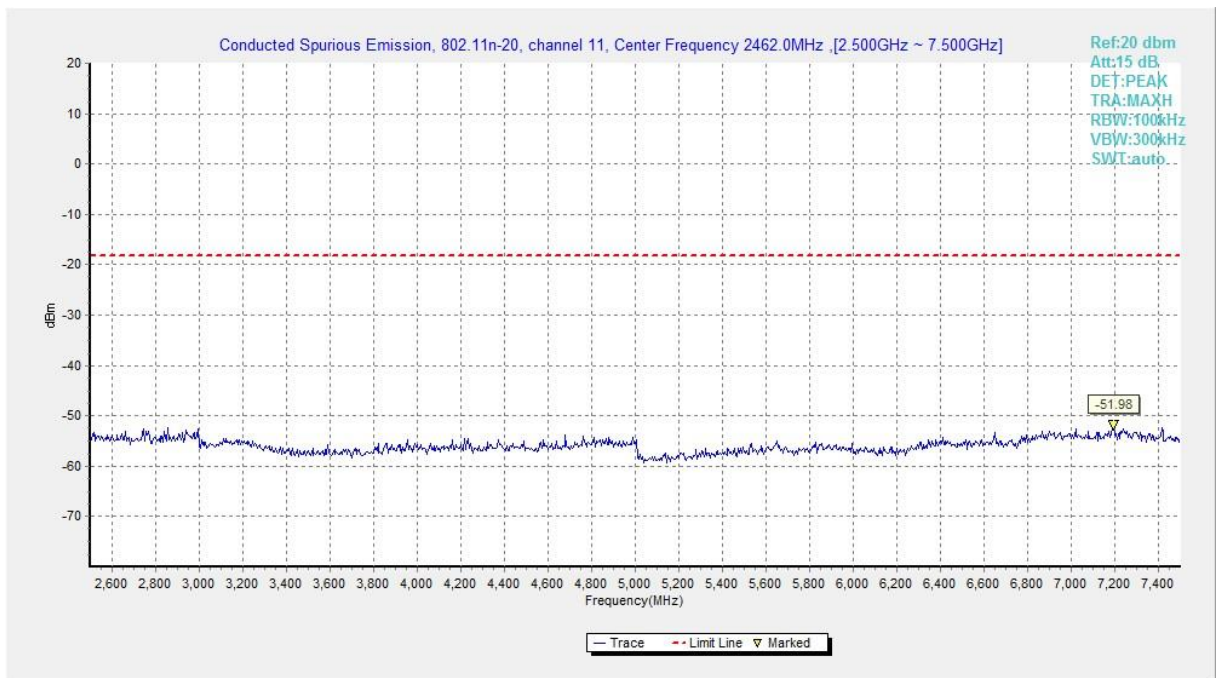


Fig.A.6.1.68 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 2.5 GHz-7.5 GHz)

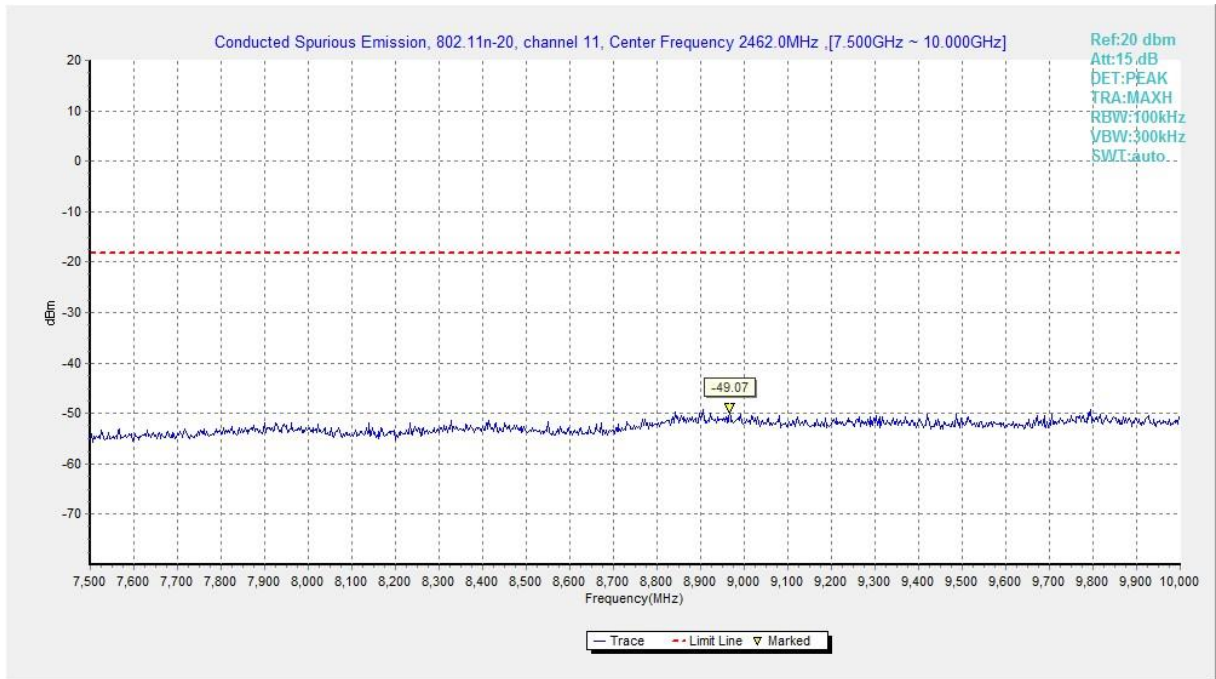


Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)

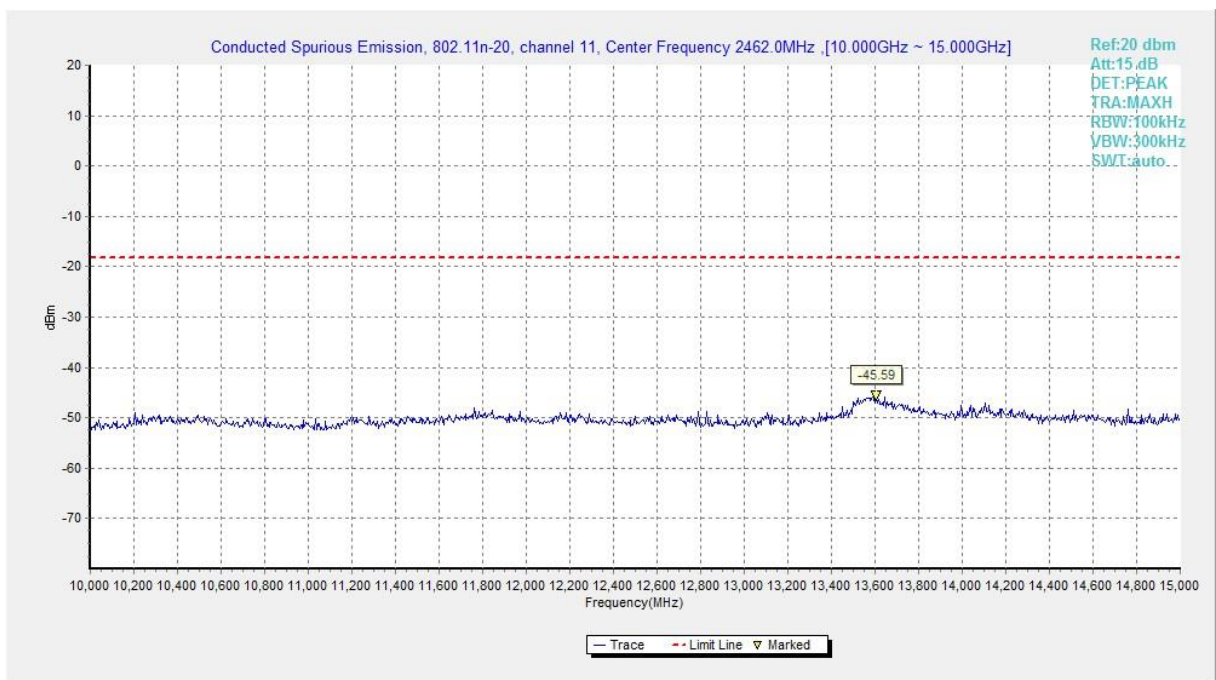


Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)

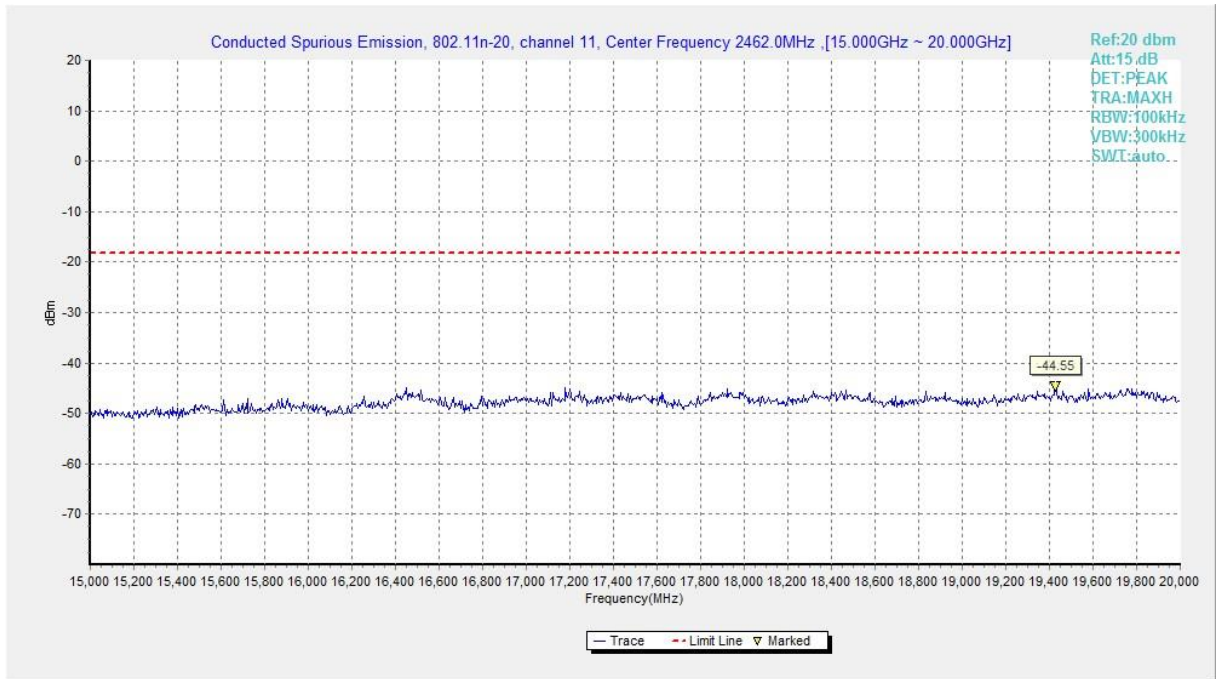


Fig.A.6.1.71 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 15 GHz-20 GHz)

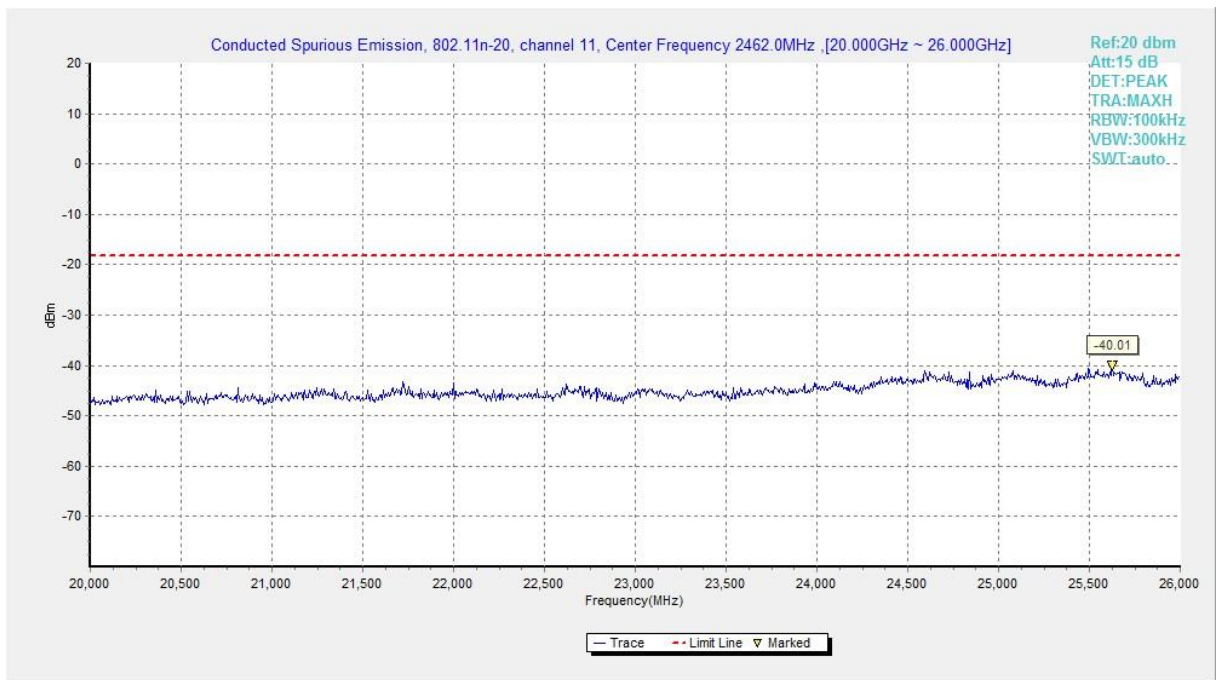


Fig.A.6.1.72 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 20 GHz-26 GHz)

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 (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.

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

Spot check Measurement results:
802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	1	2.31GHz~2.43GHz---L	Fig.A.6.2.1	P
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.2	P

Reference Measurement results:
802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	1	2.31GHz~2.43GHz---L	Fig.A.6.2.3	P
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.4	P

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	1	2.31GHz~2.43GHz---L	Fig.A.6.2.5	P
	2	2.31GHz~2.43GHz---L	Fig.A.6.2.6	P
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.7	P
	10	2.45GHz~2.50GHz---H	Fig.A.6.2.8	P

802.11n-HT20 mode

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

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

2. The range of evaluated frequency is from 9 kHz to 26GHz. Measurement value show only up to 6 maximum emissions noted.

Spot check Measurement results:
Peak
802.11b

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)
2348.200	49.37	-34.4	32.0	51.82	74.0	24.6	H
2500.600	50.65	-34.2	32.2	52.68	74.0	23.3	V
4874.000	45.15	-26.3	34.0	37.50	74.0	28.9	H
7311.000	43.45	-25.0	35.6	32.86	74.0	30.6	V
9748.000	46.05	-24.1	37.1	33.05	74.0	28.0	H
12185.000	48.75	-22.5	38.9	32.37	74.0	25.2	V

Average
802.11b

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)
2389.620	46.89	3.5	31.9	11.53	54.0	7.1	V
2483.820	46.85	3.4	32.0	11.45	54.0	7.2	V
4874.000	35.74	-26.3	34.0	28.09	54.0	18.3	H
7311.000	33.07	-25.0	35.6	22.48	54.0	20.9	V
9748.000	35.26	-24.1	37.1	22.27	54.0	18.7	V
12185.000	37.61	-22.5	38.9	21.23	54.0	16.4	H

Reference Measurement results:
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)
2353.022	61.17	3.3	31.8	26.01	74.0	12.8	H
2379.790	61.35	3.5	31.9	26.00	74.0	12.7	V
4824.000	46.94	-29.0	33.9	41.97	74.0	27.1	H
7236.000	46.04	-27.1	35.6	37.57	74.0	28.0	V
9648.000	46.57	-27.1	37.0	36.65	74.0	27.4	V
12060.000	46.45	-26.4	38.9	33.98	74.0	27.6	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)
2340.600	46.29	-32.4	31.8	46.91	74.0	27.7	H
2504.000	46.40	-31.8	32.0	46.17	74.0	27.6	V
4873.500	45.76	-29.1	34.0	40.94	74.0	28.2	H
7311.000	44.91	-27.4	35.6	36.67	74.0	29.1	H
9748.000	46.54	-27.3	37.1	36.79	74.0	27.5	H
12185.000	47.66	-25.4	38.9	34.18	74.0	26.3	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)
2486.665	61.97	3.4	32.0	26.60	74.0	12.0	H
2498.100	61.79	3.4	32.0	26.35	74.0	12.2	V
4924.000	45.32	-29.1	34.0	40.41	74.0	28.7	H
7385.000	48.04	-27.4	35.6	39.88	74.0	26.0	V
9848.000	44.96	-27.4	37.2	35.09	74.0	29.0	H
12310.000	48.02	-25.5	38.9	34.64	74.0	26.0	H

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)
2375.716	61.25	3.4	31.9	25.99	74.0	12.8	H
2386.760	61.12	3.5	31.9	25.76	74.0	12.9	H
4824.000	45.45	-29.0	33.9	40.48	74.0	28.6	H
7236.000	44.42	-27.1	35.6	35.94	74.0	29.6	V
9648.000	45.60	-27.1	37.0	35.68	74.0	28.4	H
12060.000	47.40	-26.4	38.9	34.93	74.0	26.6	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)
2373.800	45.90	-31.9	31.9	45.96	74.0	28.1	H
2502.800	46.47	-31.8	32.0	46.24	74.0	27.5	H
4874.000	42.98	-29.1	34.0	38.17	74.0	31.0	H
7311.000	44.10	-27.4	35.6	35.87	74.0	29.9	H
9748.000	44.74	-27.3	37.1	34.98	74.0	29.3	H
12185.000	46.41	-25.4	38.9	32.93	74.0	27.6	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)
2483.520	69.69	3.4	32.0	34.29	74.0	4.3	V
2483.400	69.63	3.4	32.0	34.23	74.0	4.4	V
4924.000	44.31	-29.1	34.0	39.40	74.0	29.7	H
7386.000	43.38	-27.5	35.6	35.23	74.0	30.6	V
9848.000	46.72	-27.4	37.2	36.85	74.0	27.3	V
12310.000	46.57	-25.5	38.9	33.18	74.0	27.4	H

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)
2387.686	61.48	3.5	31.9	26.12	74.0	12.5	H
2389.730	62.96	3.5	31.9	27.59	74.0	11.0	H
4824.000	42.62	-29.0	33.9	37.66	74.0	31.4	V
7236.000	44.66	-27.1	35.6	36.19	74.0	29.3	H
9648.000	45.48	-27.1	37.0	35.56	74.0	28.5	H
12060.000	46.82	-26.4	38.9	34.35	74.0	27.2	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)
2361.800	46.07	-32.3	31.8	46.51	74.0	27.9	V
2513.200	46.42	-31.7	32.0	46.12	74.0	27.6	H
4874.000	43.71	-29.1	34.0	38.89	74.0	30.3	H
7311.000	44.49	-27.4	35.6	36.25	74.0	29.5	V
9748.000	45.30	-27.3	37.1	35.54	74.0	28.7	H
12185.000	46.71	-25.4	38.9	33.23	74.0	27.3	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)
2483.880	62.02	3.4	32.0	26.62	74.0	12.0	H
2484.665	61.36	3.4	32.0	25.97	74.0	12.6	V
4924.000	43.67	-29.1	34.0	38.76	74.0	30.3	H
7386.000	44.03	-27.5	35.6	35.88	74.0	30.0	H
9848.000	44.27	-27.4	37.2	34.40	74.0	29.7	H
12310.000	46.40	-25.5	38.9	33.01	74.0	27.6	H

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)
2389.500	47.65	3.5	31.9	12.29	54.0	6.3	V
2389.560	47.66	3.5	31.9	12.30	54.0	6.3	V
4824.000	39.42	-29.0	33.9	34.46	54.0	14.6	H
7236.000	35.91	-27.1	35.6	27.43	54.0	18.1	V
9648.000	34.49	-27.1	37.0	24.57	54.0	19.5	H
12060.000	35.69	-26.4	38.9	23.22	54.0	18.3	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)
2424.420	48.14	3.4	31.9	12.78	54.0	5.9	V
2451.240	48.28	3.5	31.9	12.84	54.0	5.7	V
4873.500	34.44	-29.1	34.0	29.62	54.0	19.6	H
7308.000	35.04	-27.4	35.6	26.83	54.0	19.0	H
9748.500	34.17	-27.4	37.1	24.42	54.0	19.8	H
12184.500	36.35	-25.4	38.9	22.88	54.0	17.6	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)
2483.820	47.90	3.4	32.0	12.51	54.0	6.1	V
2485.260	47.91	3.4	32.0	12.52	54.0	6.1	V
4923.000	35.99	-29.1	34.0	31.09	54.0	18.0	H
7386.000	38.30	-27.5	35.6	30.16	54.0	15.7	H
9847.500	33.99	-27.4	37.2	24.12	54.0	20.0	H
12310.500	35.75	-25.5	38.9	22.36	54.0	18.3	H

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)
2389.500	47.70	3.5	31.9	12.34	54.0	6.3	V
2389.800	47.63	3.5	31.9	12.27	54.0	6.4	V
4824.000	32.85	-29.0	33.9	27.89	54.0	21.1	H
7236.000	34.10	-27.1	35.6	25.62	54.0	19.9	H
9648.000	34.69	-27.1	37.0	24.77	54.0	19.3	H
12060.000	35.83	-26.4	38.9	23.35	54.0	18.2	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)
2420.640	48.58	3.4	31.9	13.27	54.0	5.4	V
2453.640	49.66	3.5	31.9	14.23	54.0	4.3	V
4873.500	32.94	-29.1	34.0	28.12	54.0	21.1	V
7311.000	33.89	-27.4	35.6	25.66	54.0	20.1	H
9748.500	34.16	-27.4	37.1	24.41	54.0	19.8	H
12184.500	36.39	-25.4	38.9	22.91	54.0	17.6	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)
2483.520	49.45	3.4	32.0	14.05	54.0	4.6	V
2483.640	49.32	3.4	32.0	13.92	54.0	4.7	V
4924.500	32.48	-29.1	34.0	27.57	54.0	21.5	V
7386.000	33.39	-27.5	35.6	25.25	54.0	20.6	H
9847.500	33.93	-27.4	37.2	24.06	54.0	20.1	H
12310.500	35.87	-25.5	38.9	22.48	54.0	18.1	H

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)
2389.920	47.90	3.5	31.9	12.54	54.0	6.1	V
2389.980	47.93	3.5	31.9	12.57	54.0	6.1	V
4824.000	32.66	-29.0	33.9	27.69	54.0	21.3	H
7236.000	34.04	-27.1	35.6	25.56	54.0	20.0	V
9648.000	34.57	-27.1	37.0	24.65	54.0	19.4	H
12060.000	35.73	-26.4	38.9	23.26	54.0	18.3	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)
2414.220	49.00	3.4	31.9	13.69	54.0	5.0	V
2460.000	49.21	3.5	32.0	13.79	54.0	4.8	V
4873.500	32.69	-29.1	34.0	27.87	54.0	21.3	V
7311.000	33.91	-27.4	35.6	25.68	54.0	20.1	H
9748.500	34.10	-27.4	37.1	24.35	54.0	19.9	V
12184.500	36.36	-25.4	38.9	22.89	54.0	17.6	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)
2483.520	47.01	3.4	32.0	11.62	54.0	7.0	V
2483.580	47.00	3.4	32.0	11.60	54.0	7.0	V
4924.500	32.79	-29.1	34.0	27.87	54.0	21.2	V
7386.000	33.44	-27.5	35.6	25.30	54.0	20.6	V
9847.500	34.00	-27.4	37.2	24.13	54.0	20.0	H
12310.500	35.89	-25.5	38.9	22.50	54.0	18.1	H

Test graphs as below:

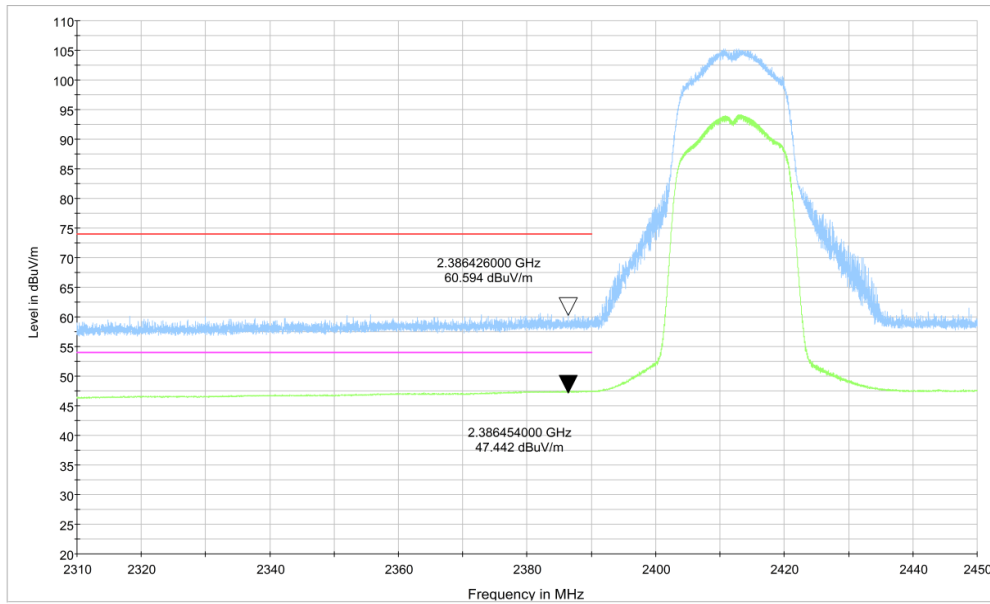


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.45GHz

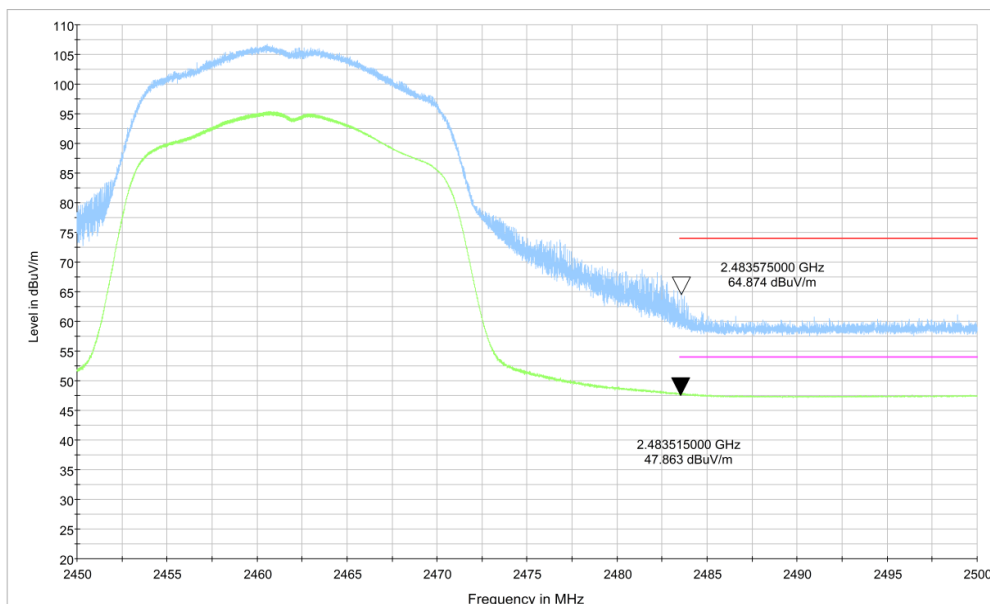


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

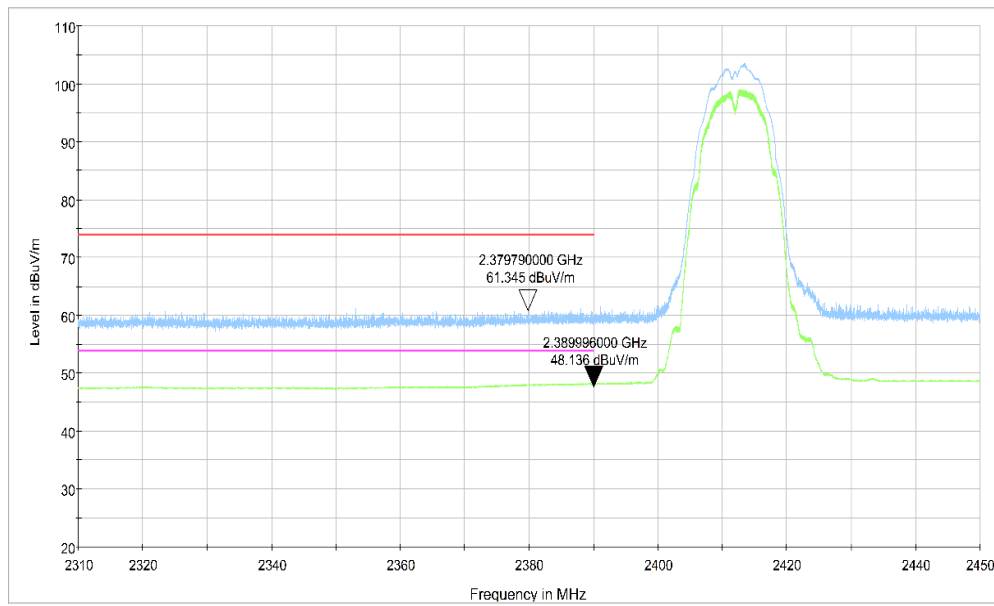


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.45GHz

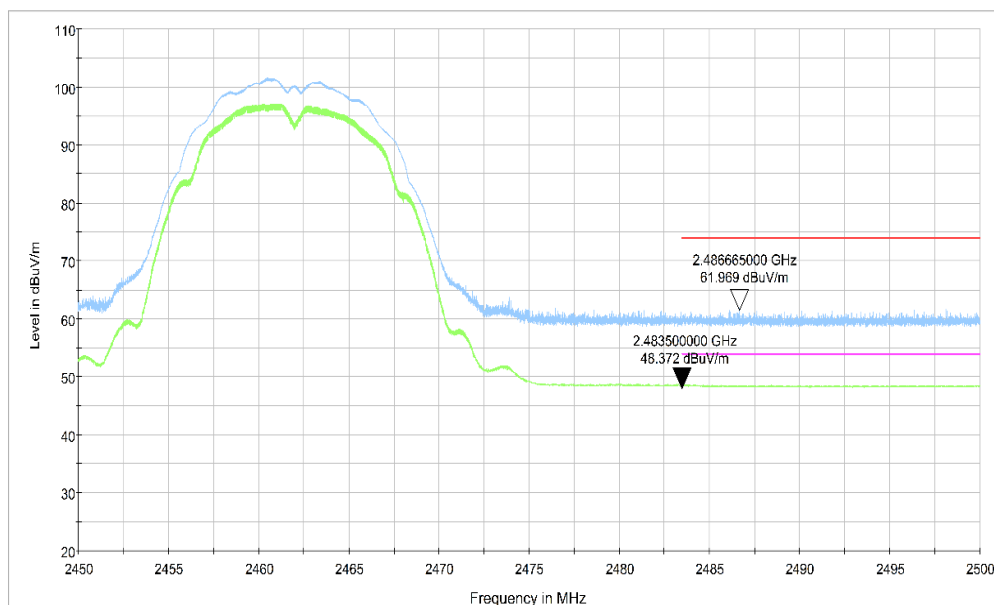


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

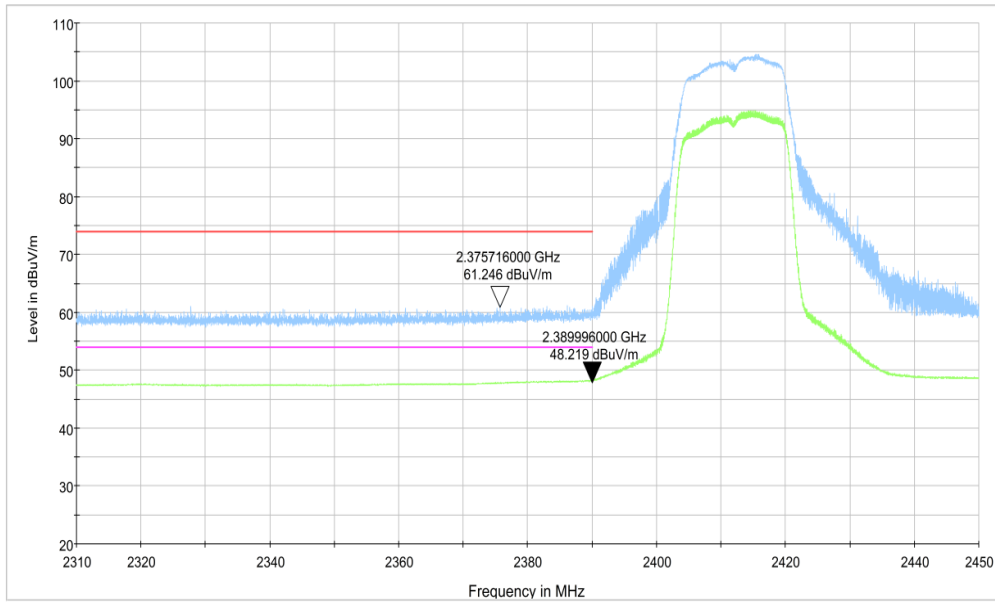


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31 GHz - 2.45GHz

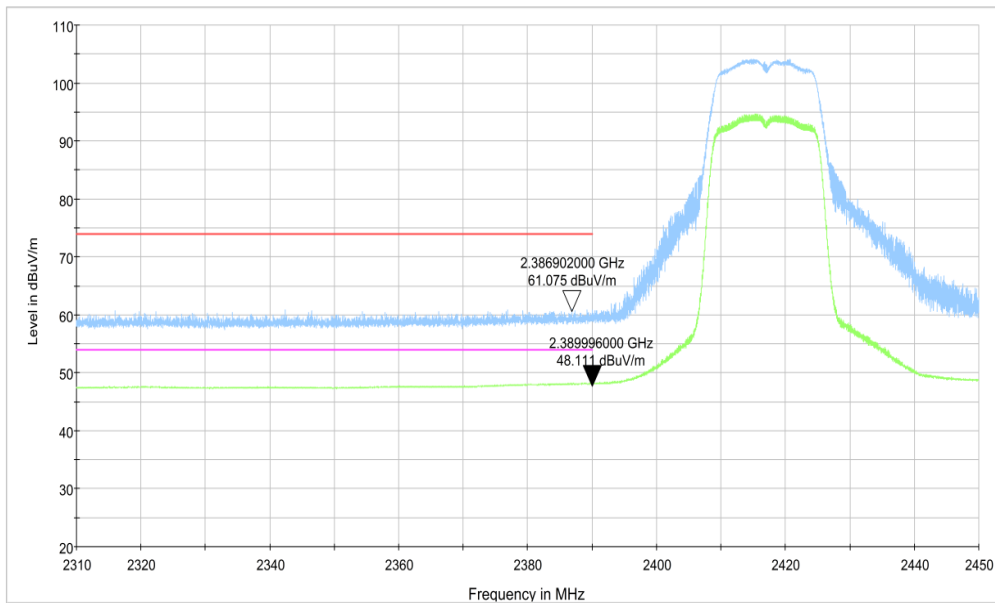


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch2, 2.31 GHz - 2.45GHz