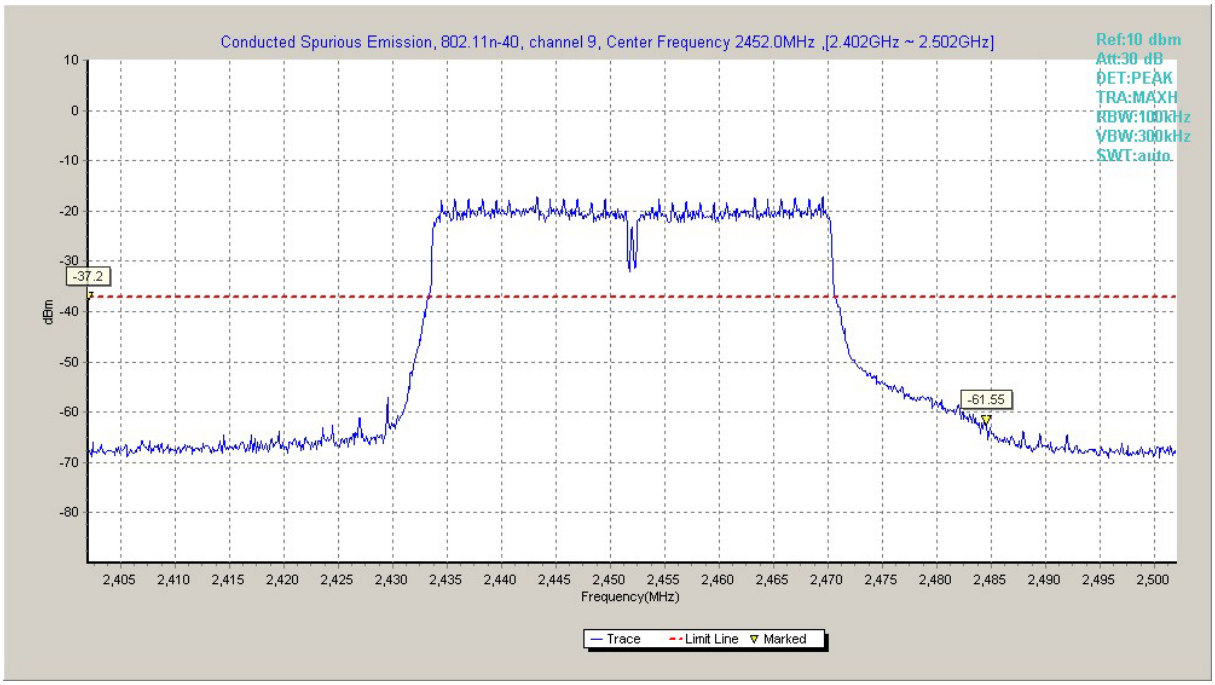

Fig.A.6.1.137 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, Center Frequency)

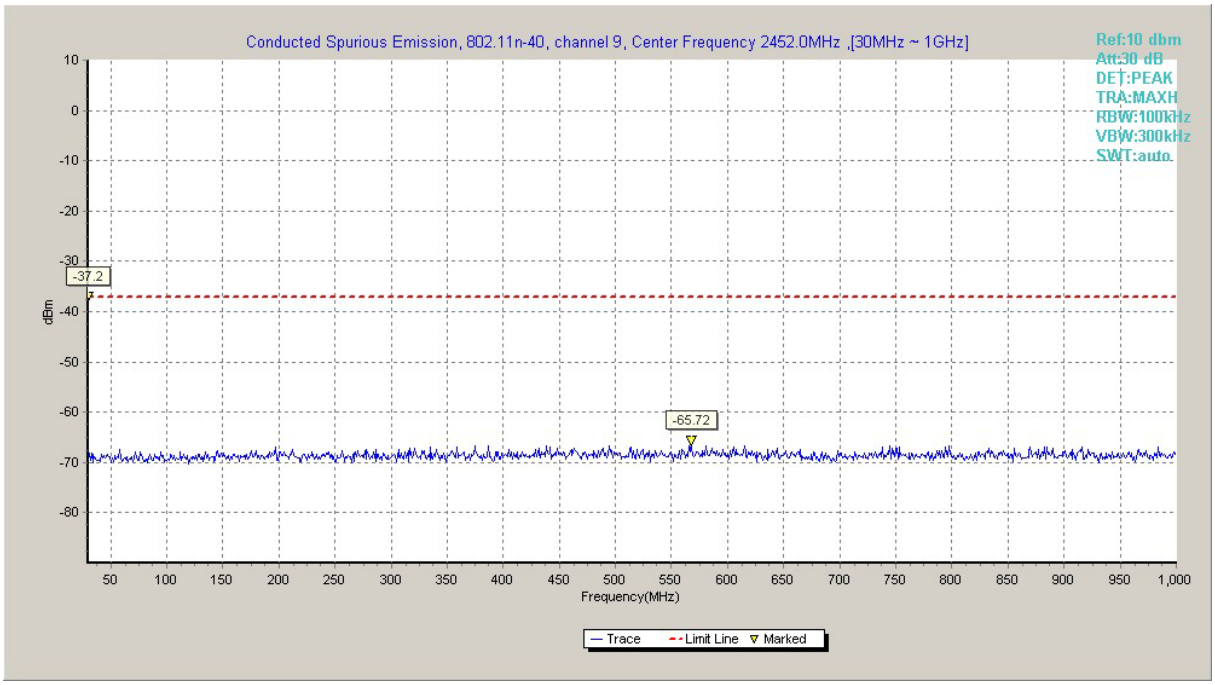

Fig.A.6.1.138 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 30 MHz-1 GHz)

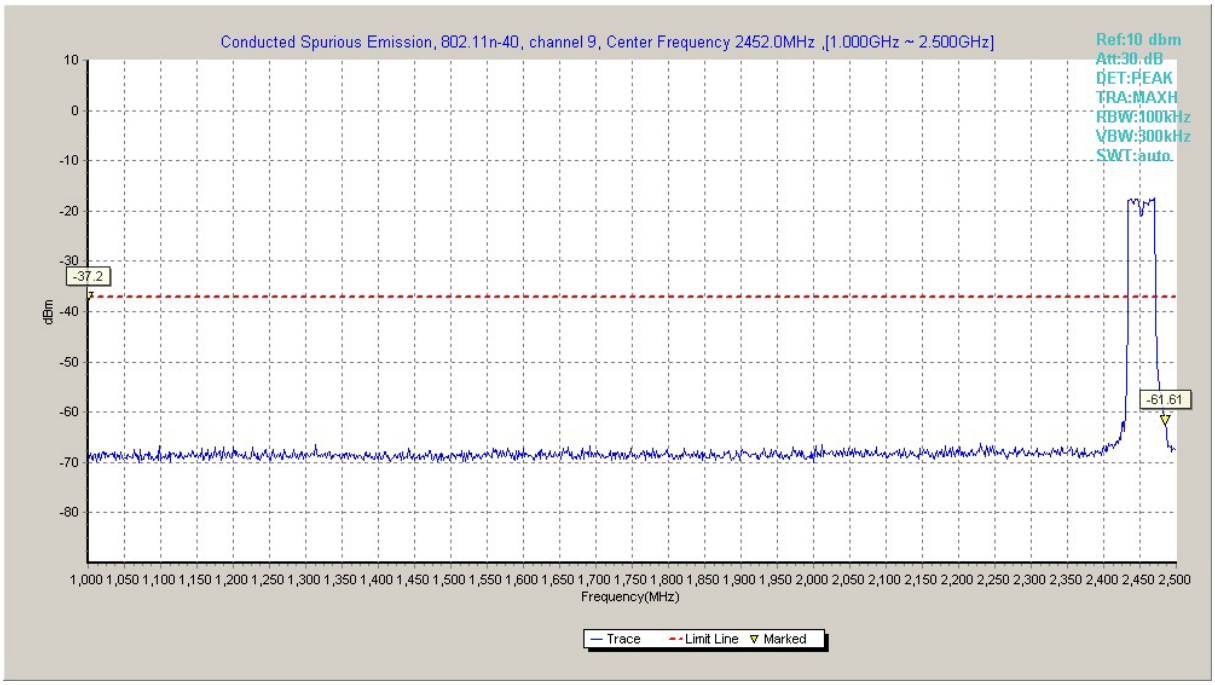

Fig.A.6.1.139 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

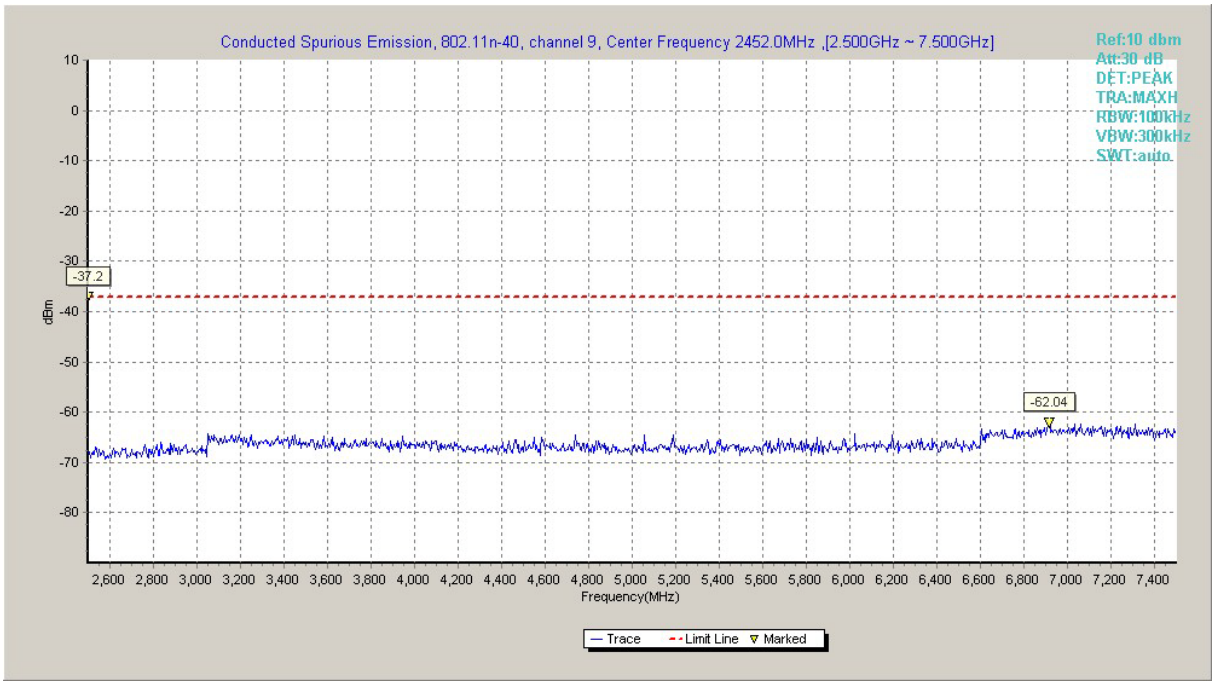

Fig.A.6.1.140 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

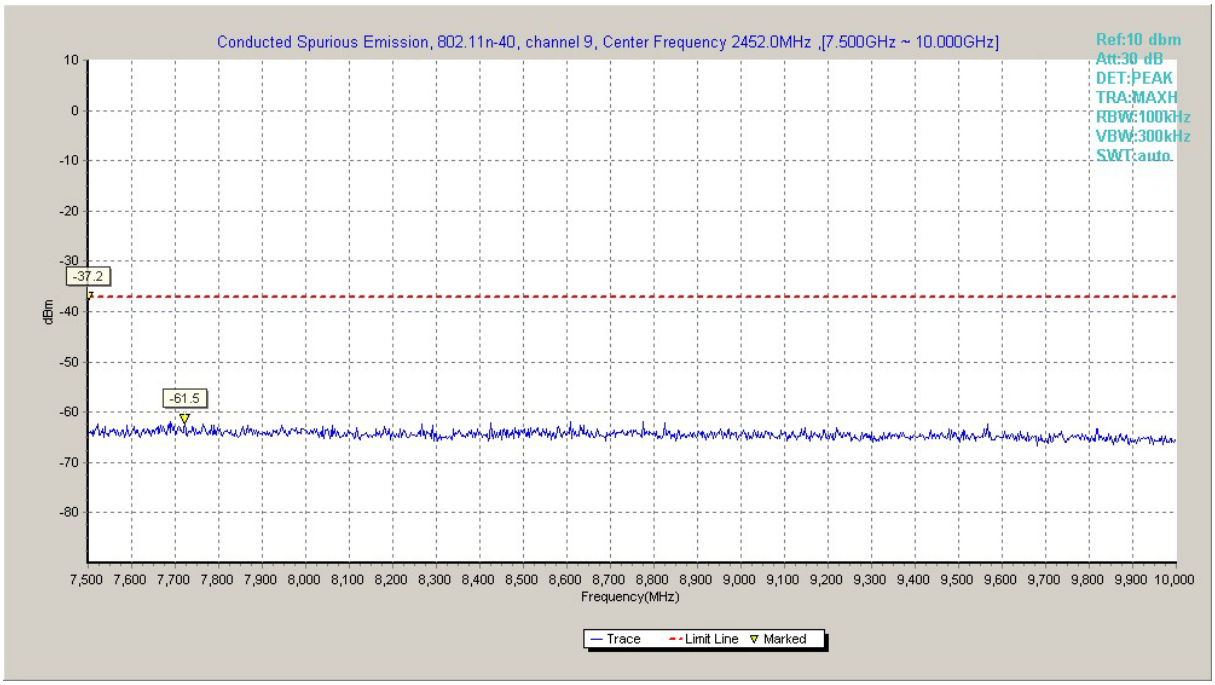

Fig.A.6.1.141 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

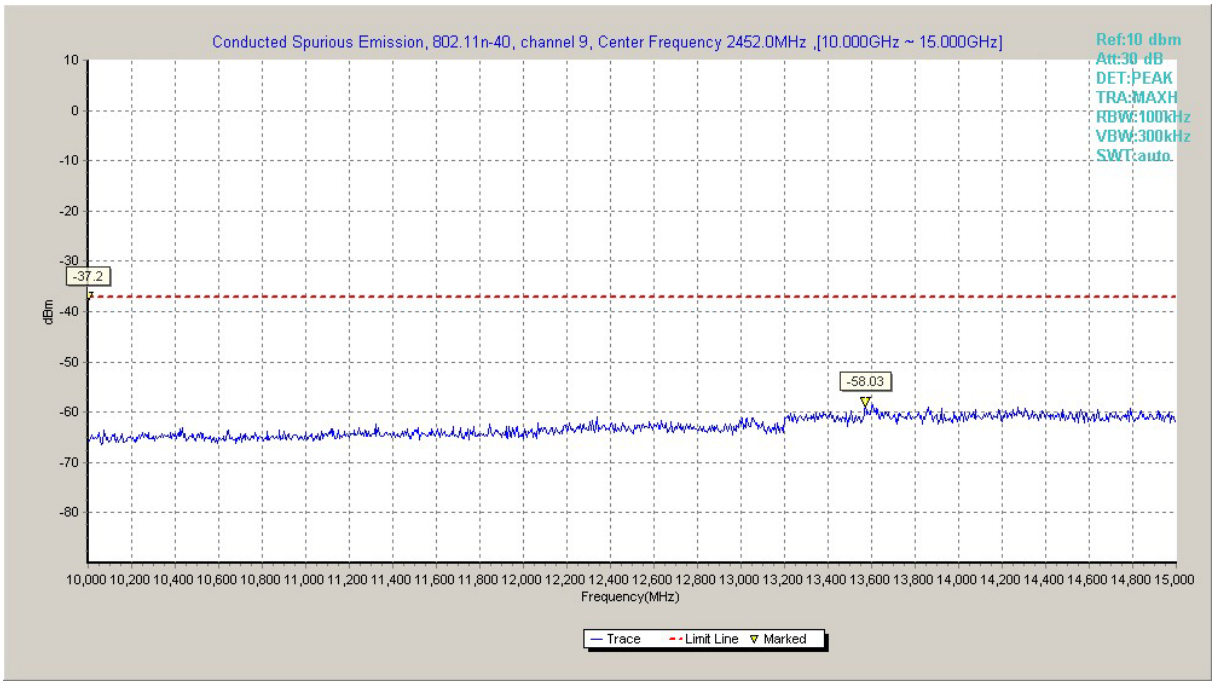

Fig.A.6.1.142 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 10 GHz-15 GHz)

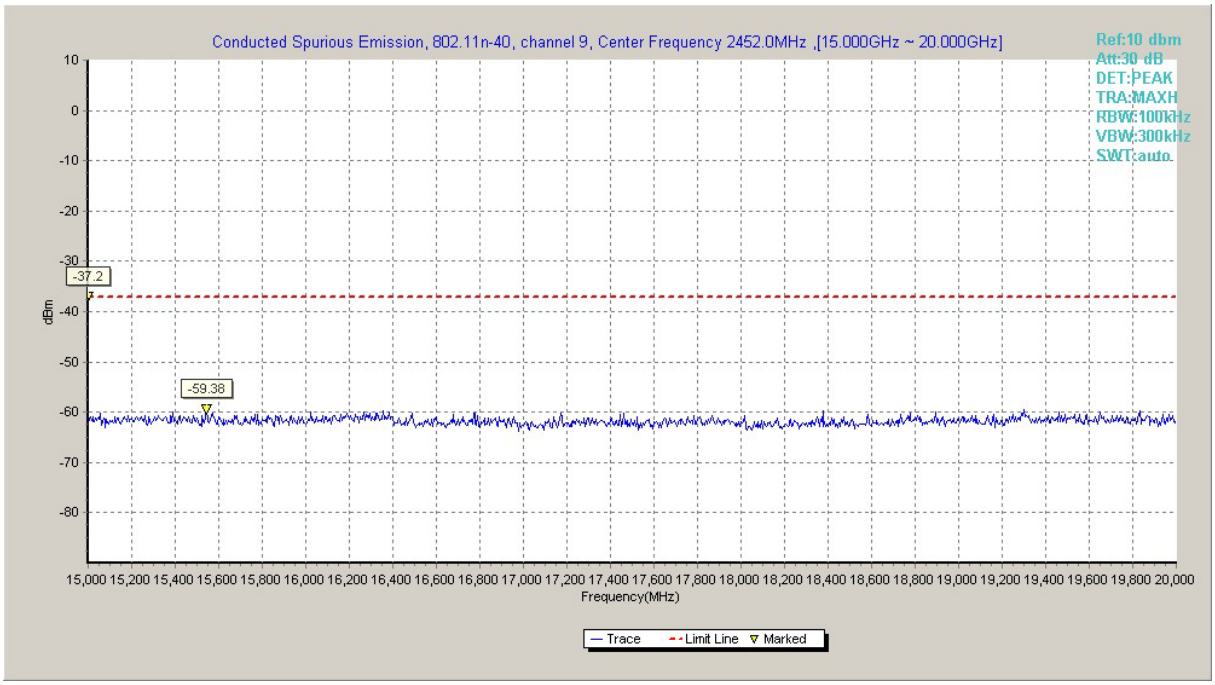

Fig.A.6.1.143 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 15 GHz-20 GHz)

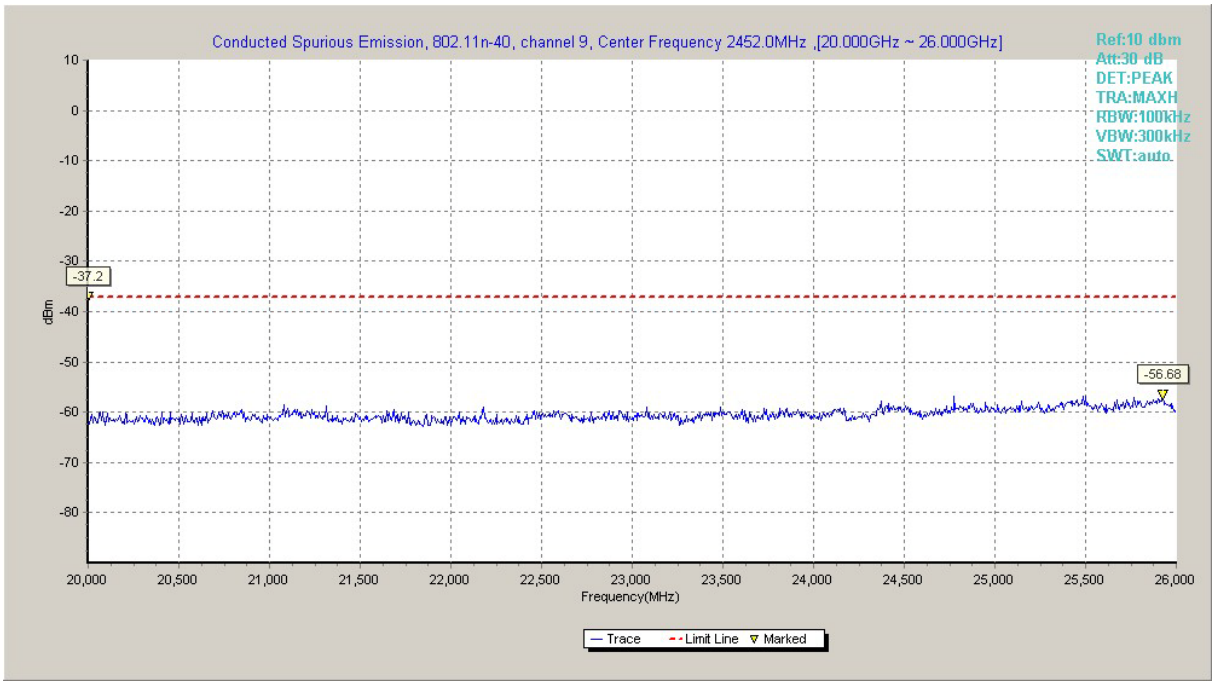

Fig.A.6.1.144 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 20 GHz-26 GHz)

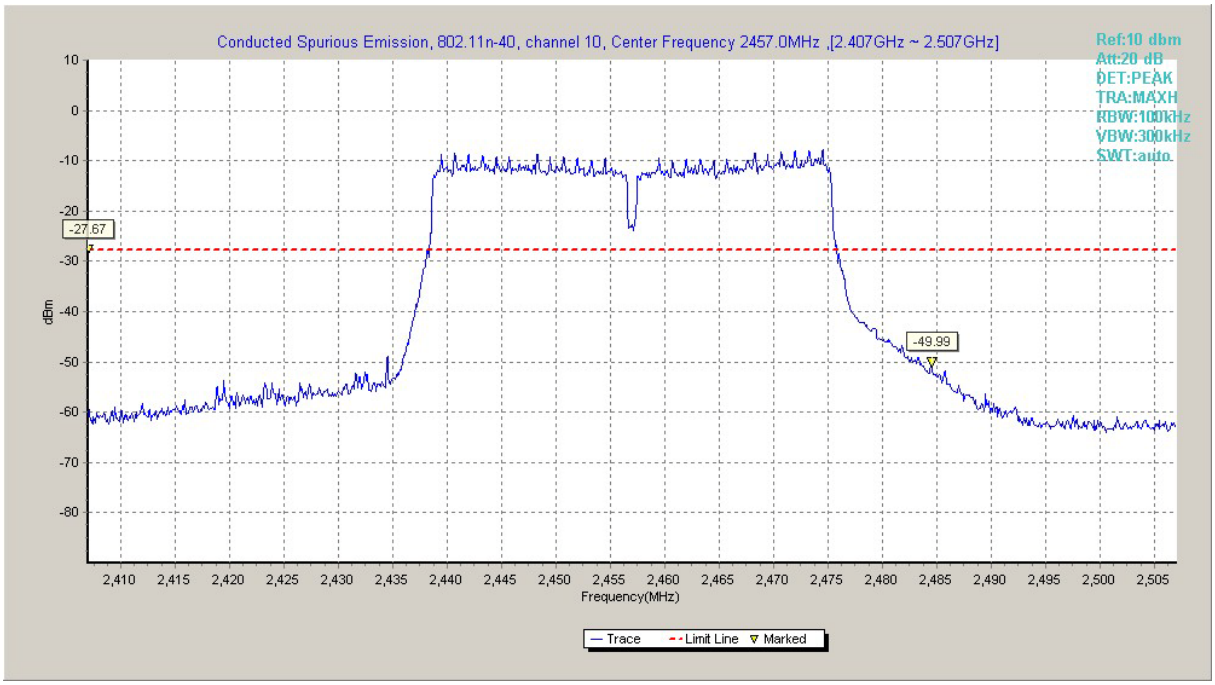

Fig.A.6.1.145 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, Center Frequency)

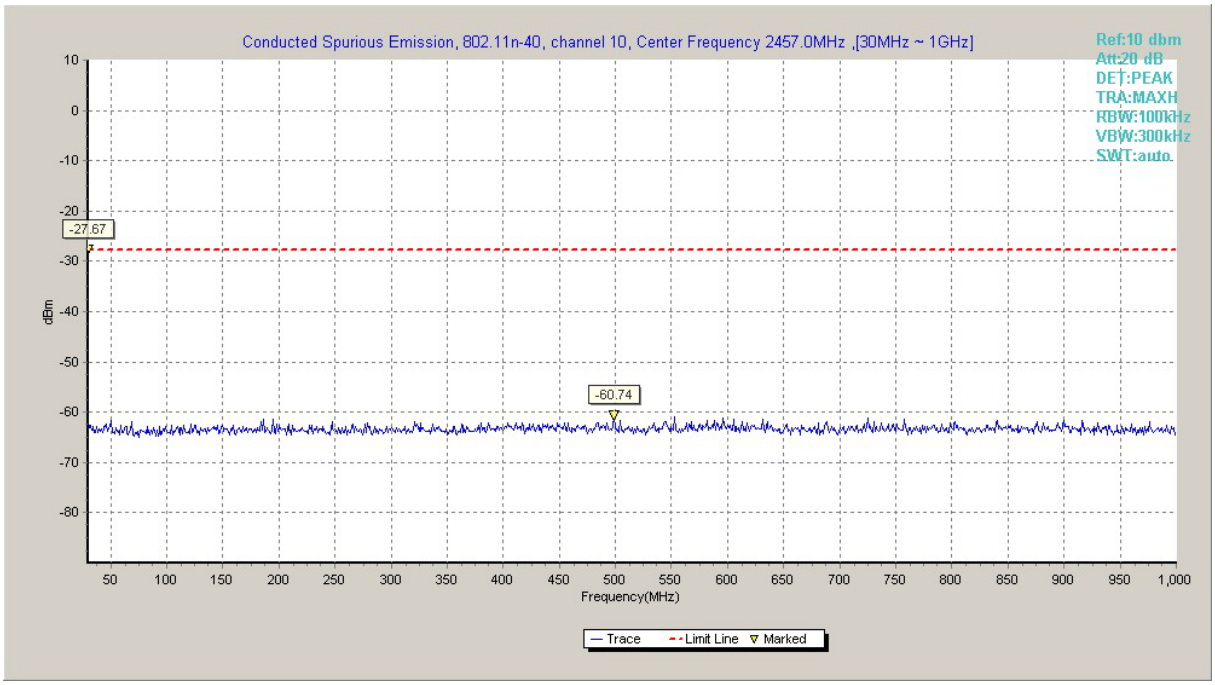

Fig.A.6.1.146 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 30 MHz-1 GHz)

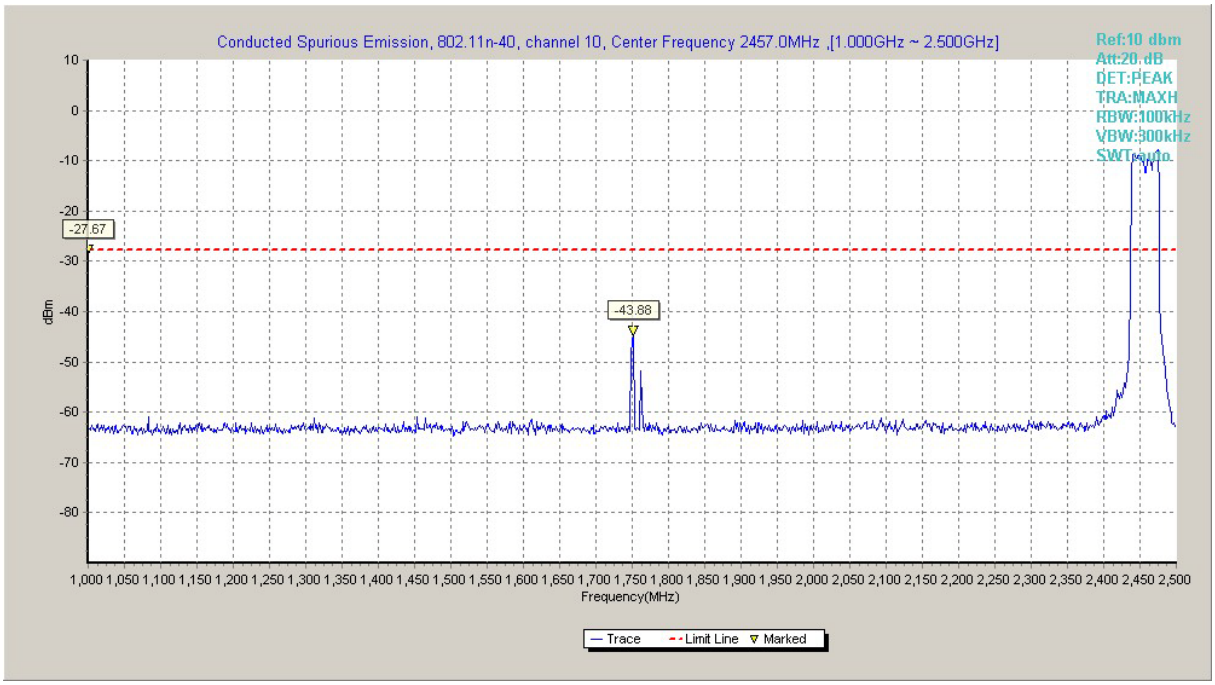

Fig.A.6.1.147 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 1 GHz-2.5 GHz)

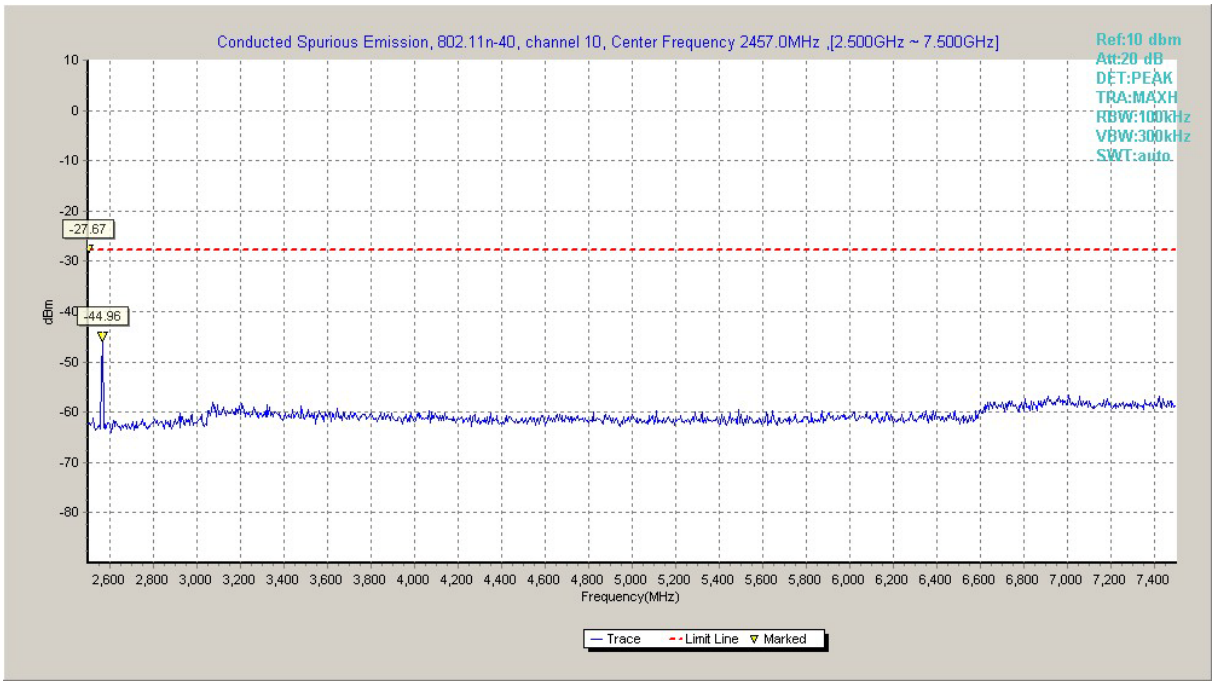

Fig.A.6.1.148 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 2.5 GHz-7.5 GHz)

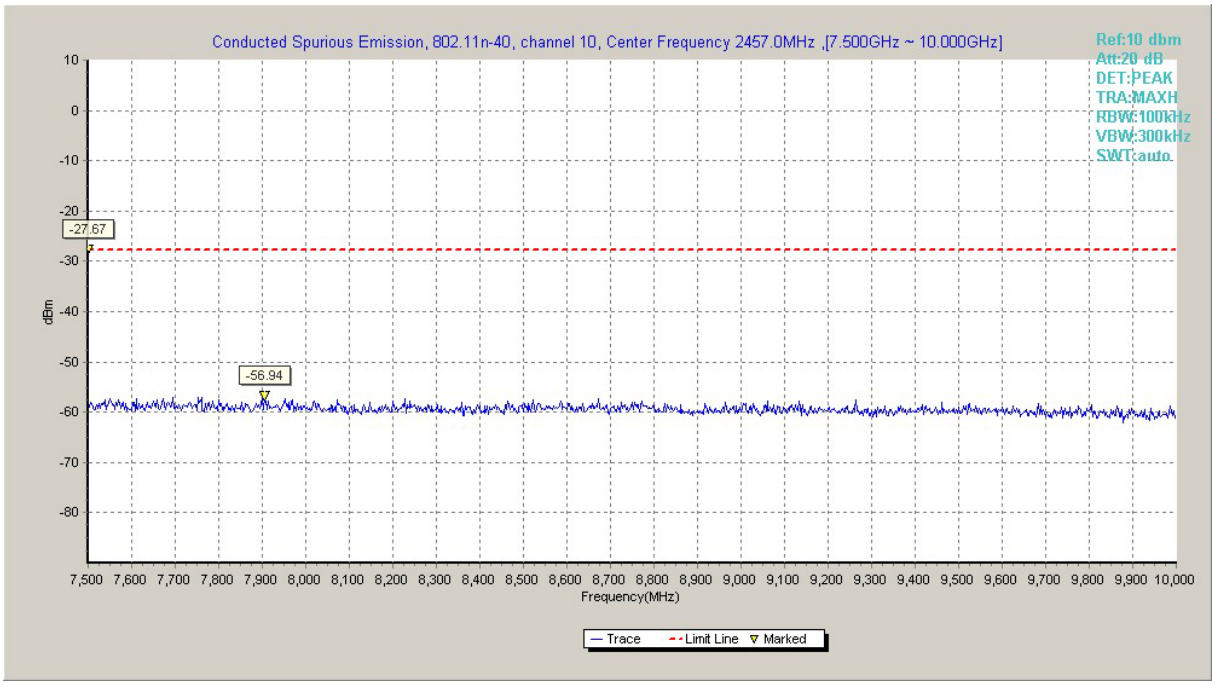

Fig.A.6.1.149 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 7.5 GHz-10 GHz)

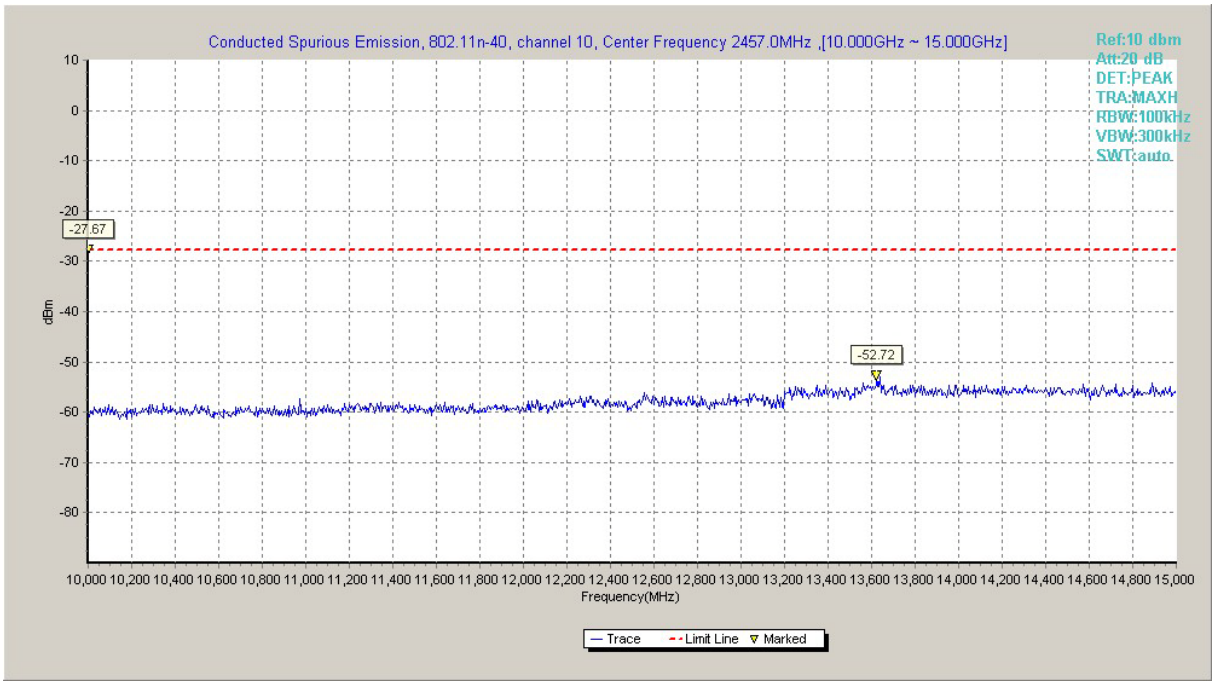

Fig.A.6.1.150 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 10 GHz-15 GHz)

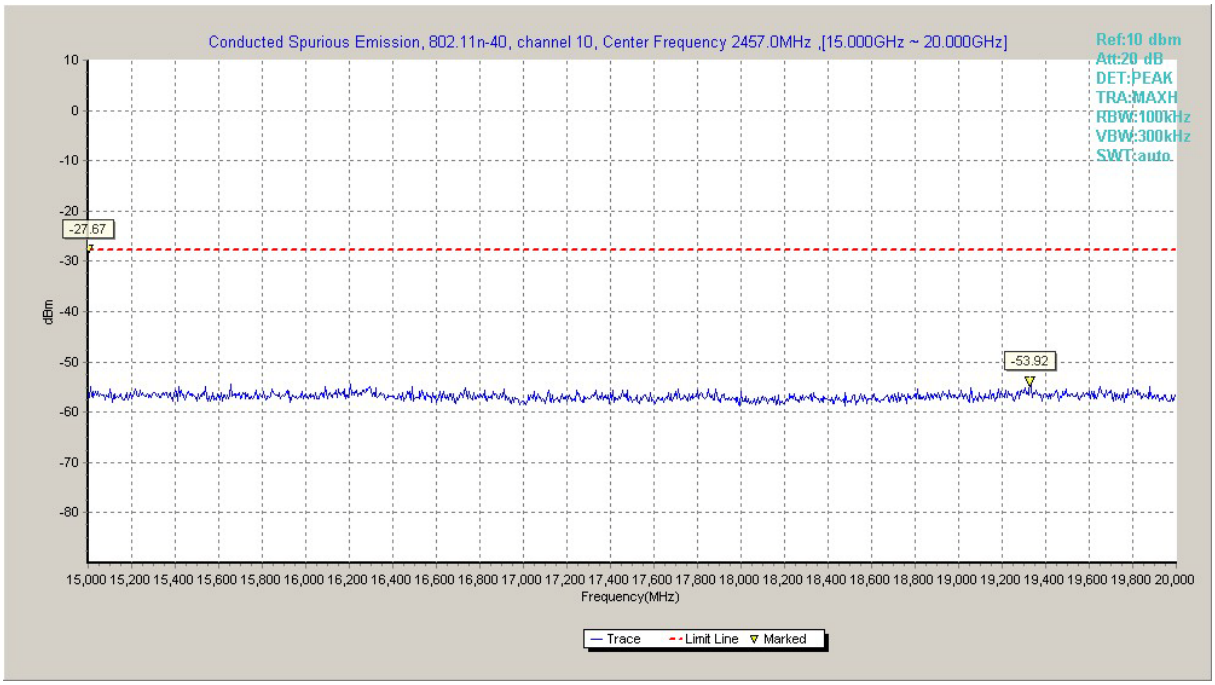

Fig.A.6.1.151 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 15 GHz-20 GHz)

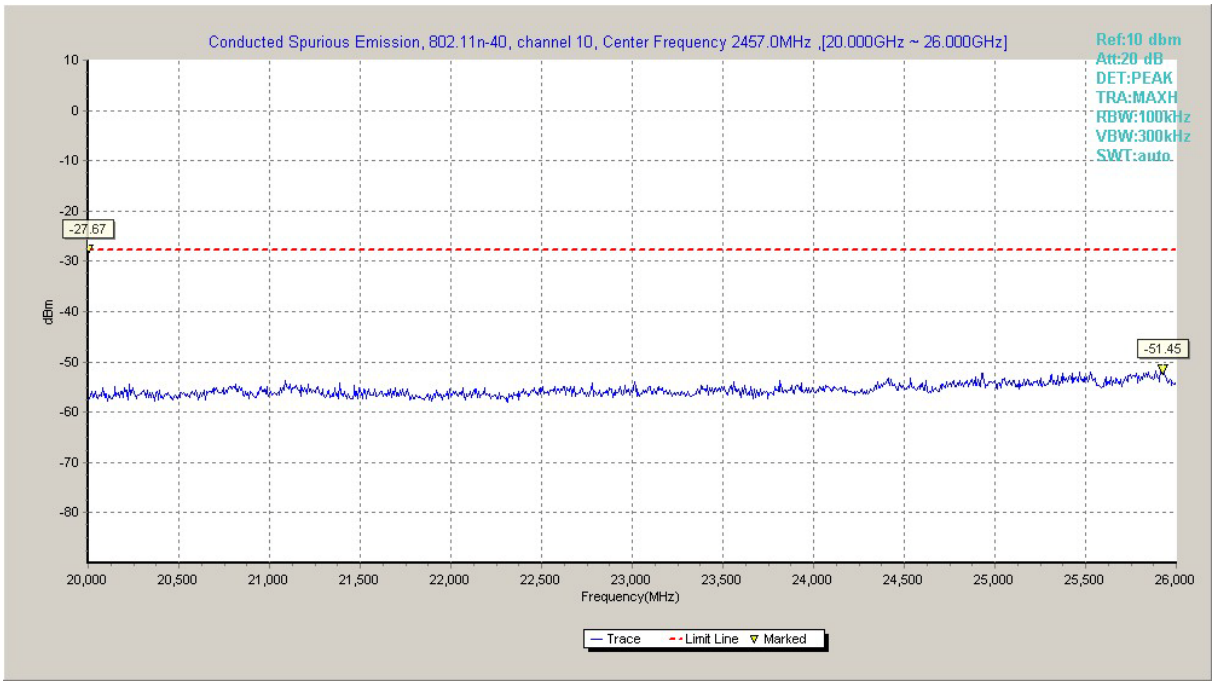

Fig.A.6.1.152 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 20 GHz-26 GHz)

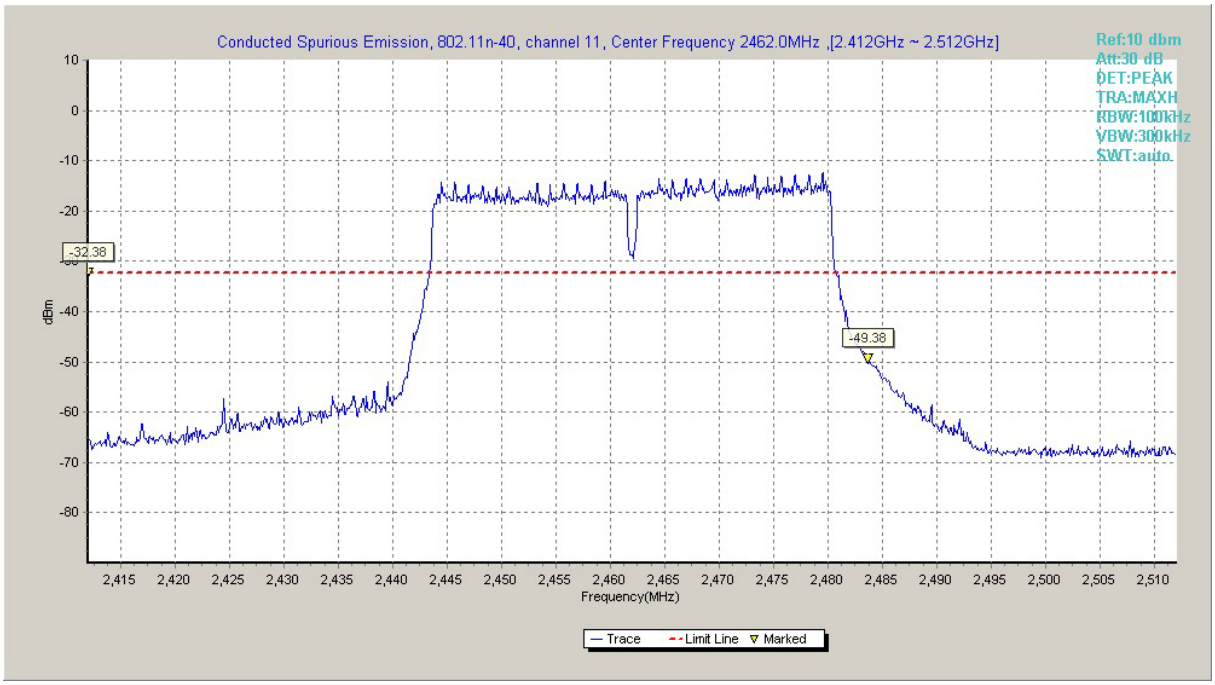

Fig.A.6.1.153 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, Center Frequency)

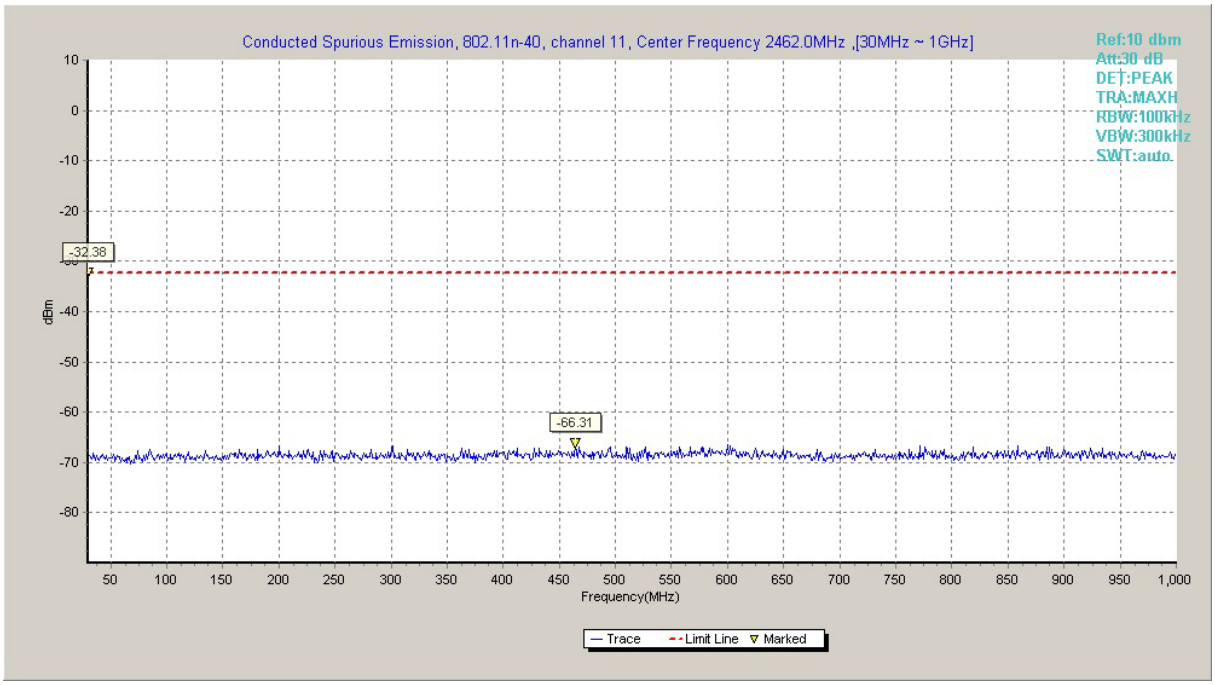

Fig.A.6.1.154 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 30 MHz-1 GHz)

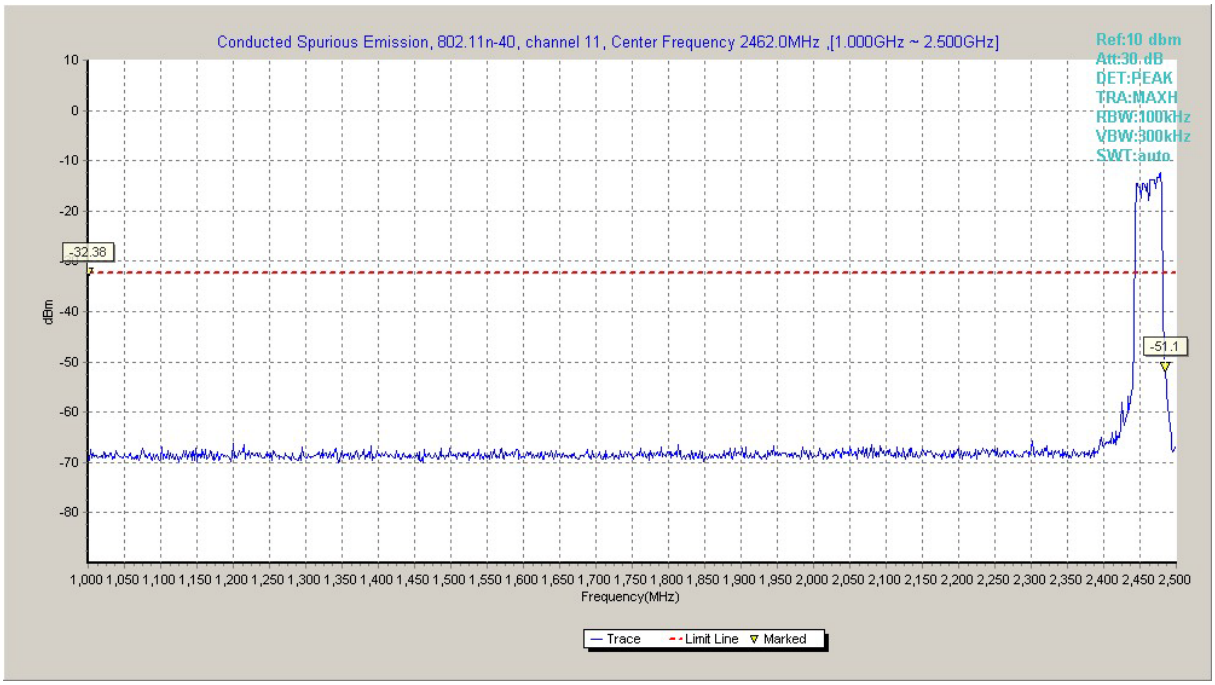

Fig.A.6.1.155 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 1 GHz-2.5 GHz)

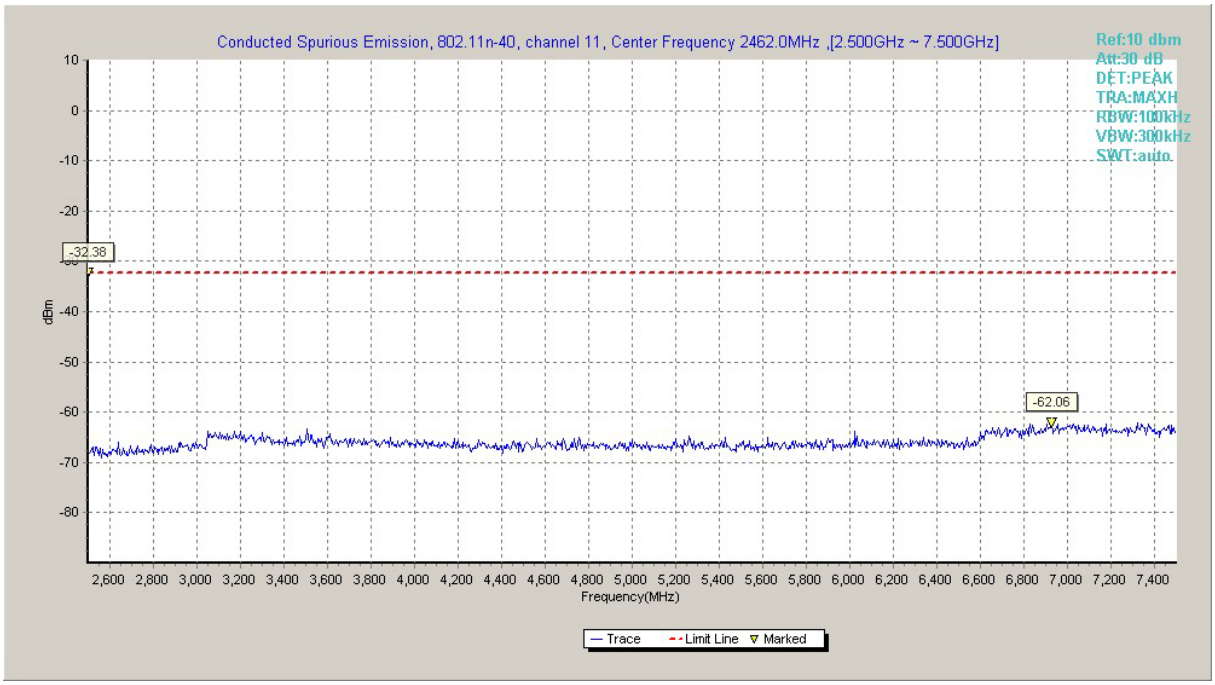

Fig.A.6.1.156 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 2.5 GHz-7.5 GHz)

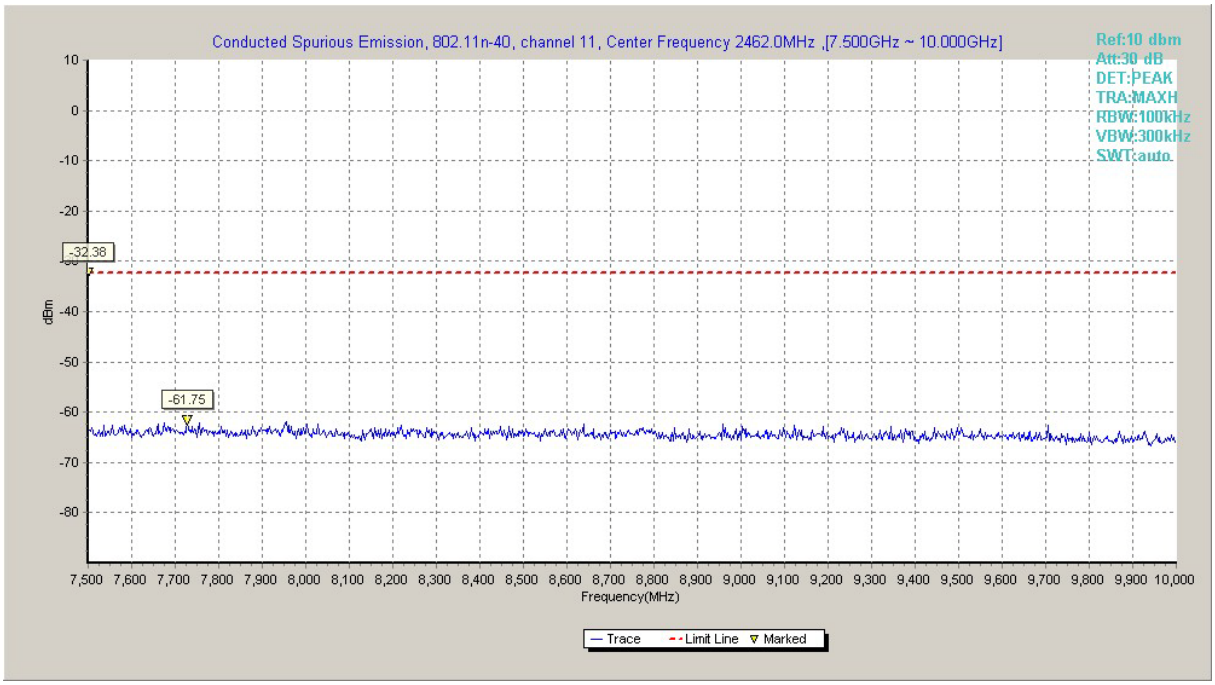

Fig.A.6.1.157 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 7.5 GHz-10 GHz)

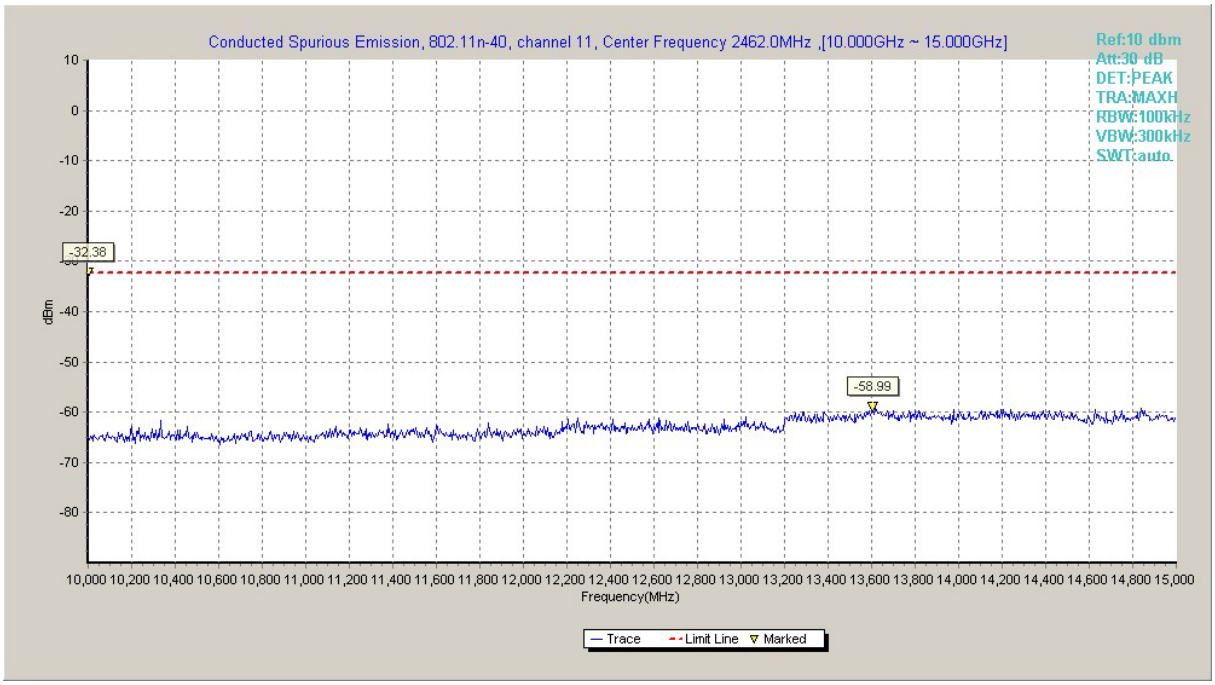

Fig.A.6.1.158 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 10 GHz-15 GHz)

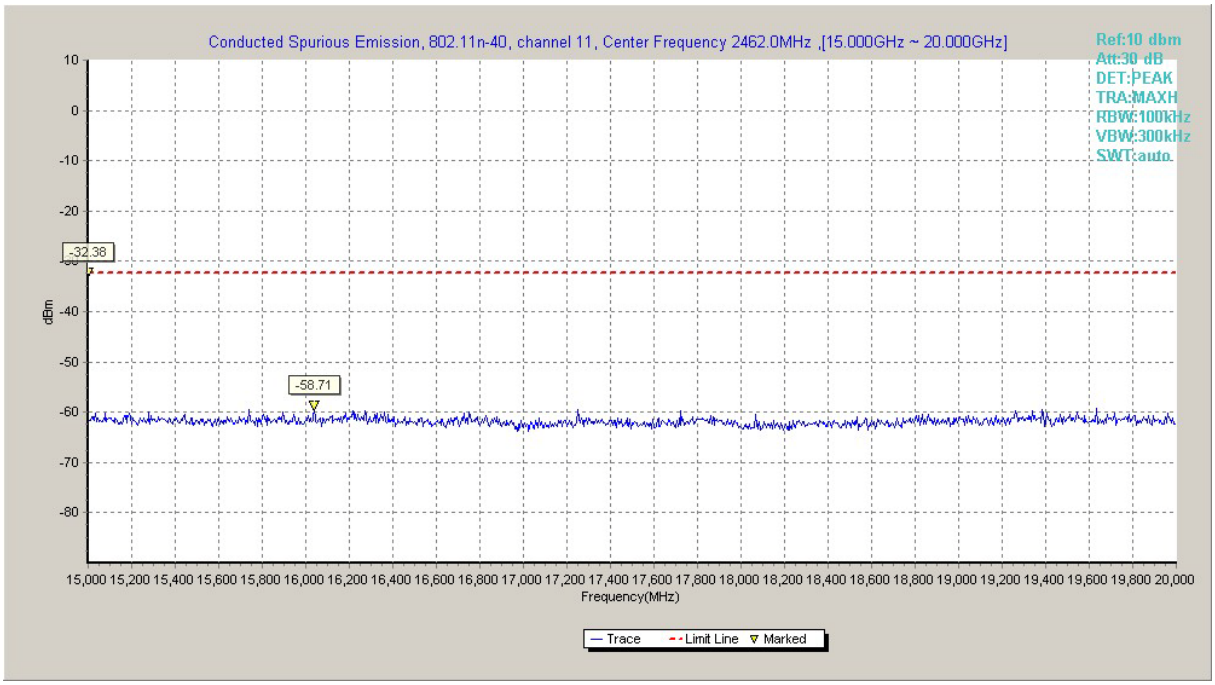

Fig.A.6.1.159 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 15 GHz-20 GHz)

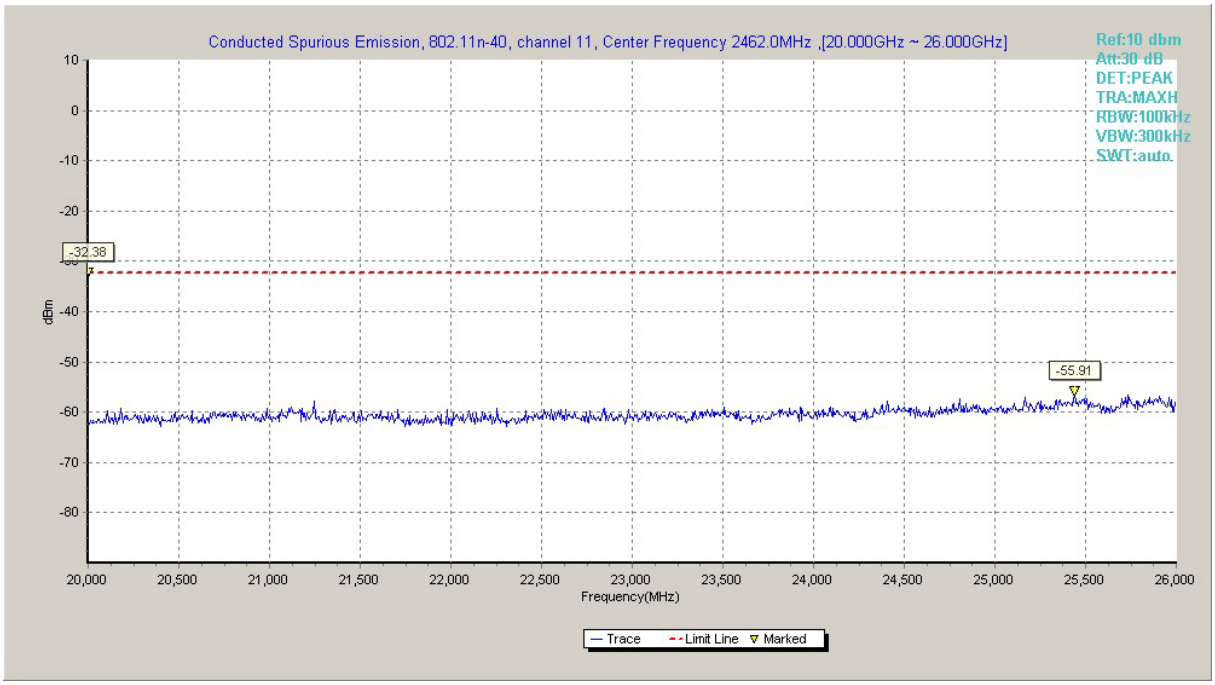

Fig.A.6.1.160 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 20 GHz-26 GHz)

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:

802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.45GHz	Fig.A.6.2.1	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.2	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.3	**P**
	6	9 kHz ~30 MHz	Fig.A.6.2.4	**P**
		30 MHz ~1 GHz	Fig.A.6.2.5	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.6	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.7	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.8	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.9	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.10	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.11	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.12	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.13	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.14	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.15	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.16	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.17	**P**

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.18	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.19	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.20	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.21	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.22	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.23	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.24	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.25	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.26	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.27	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.28	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.29	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.30	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.31	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.32	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.33	**P**

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.34	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.35	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.36	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.37	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.38	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.39	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.40	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.41	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.42	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.43	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.44	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.45	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.46	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.47	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.48	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.49	**P**

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.50	**P**
	3	1 GHz ~ 3 GHz	Fig.A.6.2.51	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.52	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.53	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.54	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.55	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.56	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.57	**P**
	9	1 GHz ~ 3 GHz	Fig.A.6.2.58	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.59	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.60	**P**
	10	1 GHz ~ 3 GHz	Fig.A.6.2.61	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.62	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.63	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.64	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.65	**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}+Cable Loss+Antenna Factor

802.11b-AVG

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2389.125	43.4	-38.8	27.7	54.500	V
17999.500	49.2	-17.7	45.6	21.300	H
17993.500	49.2	-17.7	45.6	21.300	V
17997.000	49.0	-17.7	45.6	21.100	H
17995.500	49.0	-17.7	45.6	21.100	V
17996.500	48.9	-17.7	45.6	21.000	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17989.500	49.4	-17.7	45.6	21.500	H
17998.000	49.4	-17.7	45.6	21.500	H
18000.000	49.2	-45.6	44.5	50.266	V
17997.500	49.1	-17.7	45.6	21.200	V
17996.000	49.0	-17.7	45.6	21.100	H
17993.500	48.9	-17.7	45.6	21.000	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2488.335	43.6	-38.9	27.7	54.800	H
17993.000	49.3	-17.7	45.6	21.400	V
17985.000	49.1	-17.7	45.6	21.200	V
18000.000	49.1	-45.6	44.5	50.166	H
17999.500	49.1	-17.7	45.6	21.200	H
17996.000	49.1	-17.7	45.6	21.200	V

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2486.460	44.1	-38.9	27.7	55.300	H
18000.000	49.1	-45.6	44.5	50.166	V
17998.000	49.0	-17.7	45.6	21.100	V
17998.500	49.0	-17.7	45.6	21.100	H
17993.500	49.0	-17.7	45.6	21.100	V
17997.500	49.0	-17.7	45.6	21.100	H

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.700	45.1	-38.9	27.7	56.300	H
17998.500	49.0	-17.7	45.6	21.100	H
17997.500	49.0	-17.7	45.6	21.100	V
17988.500	49.0	-17.7	45.6	21.100	V
17992.000	48.9	-17.7	45.6	21.000	H
17993.500	48.9	-17.7	45.6	21.000	V

802.11g-AVG

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2384.485	41.9	-38.8	27.7	53.000	H
17999.500	49.2	-17.7	45.6	21.300	H
18000.000	49.1	-45.6	44.5	50.166	V
17996.500	49.1	-17.7	45.6	21.200	V
17997.000	49.1	-17.7	45.6	21.200	H
17997.500	49.1	-17.7	45.6	21.200	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
18000.000	50.5	-45.6	44.5	51.566	H
17990.156	50.3	-17.7	45.6	22.400	V
17987.813	50.3	-17.7	45.6	22.400	V
17994.844	50.2	-17.7	45.6	22.300	H
17999.063	50.2	-17.7	45.6	22.300	V
17994.375	50.1	-17.7	45.6	22.200	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.800	47.7	-38.9	27.7	58.900	H
17996.719	50.5	-17.7	45.6	22.600	H
17999.531	50.3	-17.7	45.6	22.400	V
17997.656	50.2	-17.7	45.6	22.300	V
17994.844	50.2	-17.7	45.6	22.300	H
17997.188	50.2	-17.7	45.6	22.300	V

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.810	44.6	-38.9	27.7	55.800	H
17993.906	50.5	-17.7	45.6	22.600	V
17997.656	50.2	-17.7	45.6	22.300	V
18000.000	50.2	-45.6	44.5	51.266	H
17999.531	50.2	-17.7	45.6	22.300	V
17994.844	50.0	-17.7	45.6	22.100	H

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.175	43.5	-38.9	27.7	54.700	H
17994.844	50.2	-17.7	45.6	22.300	H
17992.969	50.1	-17.7	45.6	22.200	V
17987.344	50.0	-17.7	45.6	22.100	V
18000.000	50.0	-45.6	44.5	51.066	H
17998.594	50.0	-17.7	45.6	22.100	V

802.11n-HT20-AVG

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2384.895	41.8	-38.8	27.7	52.900	H
17999.063	50.4	-17.7	45.6	22.500	H
18000.000	50.3	-45.6	44.5	51.366	V
17996.719	50.2	-17.7	45.6	22.300	H
17997.188	50.2	-17.7	45.6	22.300	V
17999.531	50.1	-17.7	45.6	22.200	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
18000.000	50.3	-45.6	44.5	51.366	H
17998.125	50.1	-17.7	45.6	22.200	H
17993.906	50.1	-17.7	45.6	22.200	V
17999.531	50.0	-17.7	45.6	22.100	H
17994.375	49.8	-17.7	45.6	21.900	V
17987.344	49.8	-17.7	45.6	21.900	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.245	44.8	-38.9	27.7	56.000	H
17994.375	50.2	-17.7	45.6	22.300	V
17997.188	50.1	-17.7	45.6	22.200	V
17999.531	50.0	-17.7	45.6	22.100	H
17996.719	50.0	-17.7	45.6	22.100	H
17993.906	50.0	-17.7	45.6	22.100	V

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.550	52.0	-38.9	27.7	63.200	H
17994.375	50.3	-17.7	45.6	22.400	H
17995.781	50.3	-17.7	45.6	22.400	V
17999.531	50.2	-17.7	45.6	22.300	H
17986.406	50.2	-17.7	45.6	22.300	V
17988.281	50.1	-17.7	45.6	22.200	H

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.935	43.7	-38.9	27.7	54.900	H
17999.531	50.1	-17.7	45.6	22.200	H
17998.594	50.1	-17.7	45.6	22.200	V
18000.000	50.0	-45.6	44.5	51.066	H
17995.781	50.0	-17.7	45.6	22.100	V
17996.719	49.9	-17.7	45.6	22.000	H

802.11n-HT40-AVG

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2387.110	41.7	-38.8	27.7	52.800	H
17997.656	50.3	-17.7	45.6	22.400	H
17999.531	50.1	-17.7	45.6	22.200	V
17997.188	50.1	-17.7	45.6	22.200	H
17991.563	50.1	-17.7	45.6	22.200	H
17998.594	50.0	-17.7	45.6	22.100	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17997.656	50.5	-17.7	45.6	22.600	H
17993.906	50.4	-17.7	45.6	22.500	H
17990.625	50.3	-17.7	45.6	22.400	V
17999.531	50.2	-17.7	45.6	22.300	H
17992.031	50.1	-17.7	45.6	22.200	V
17998.125	50.1	-17.7	45.6	22.200	V

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.545	44.6	-38.9	27.7	55.800	H
17996.719	50.2	-17.7	45.6	22.300	H
17991.563	50.0	-17.7	45.6	22.100	V
17994.375	49.9	-17.7	45.6	22.000	H
17995.313	49.9	-17.7	45.6	22.000	H
17996.250	49.9	-17.7	45.6	22.000	H

Ch10

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.925	46.3	-38.9	27.7	57.500	H
18000.000	50.3	-45.6	44.5	51.366	H
17998.594	50.1	-17.7	45.6	22.200	V
17997.188	50.0	-17.7	45.6	22.100	H
17990.625	50.0	-17.7	45.6	22.100	V
17996.250	50.0	-17.7	45.6	22.100	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.500	47.5	-38.9	27.7	58.700	H
17999.531	50.0	-17.7	45.6	22.100	H
18000.000	50.0	-45.6	44.5	51.066	V
17998.125	49.9	-17.7	45.6	22.000	H
17986.875	49.9	-17.7	45.6	22.000	V
17999.063	49.9	-17.7	45.6	22.000	H

802.11b-Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2387.985	57.1	-38.8	27.7	68.200	H
17991.000	61.2	-17.7	45.6	33.300	H
17993.000	60.2	-17.7	45.6	32.300	V
17989.000	59.4	-17.7	45.6	31.500	V
17994.500	59.3	-17.7	45.6	31.400	H
17990.500	59.2	-17.7	45.6	31.300	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17997.500	60.8	-17.7	45.6	32.900	H
17998.000	60.7	-17.7	45.6	32.800	H
17999.500	60.2	-17.7	45.6	32.300	V
17994.000	60.1	-17.7	45.6	32.200	V
17983.000	59.9	-17.7	45.6	32.000	H
17974.500	59.7	-17.7	45.6	31.800	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2488.660	56.1	-38.9	27.7	67.300	H
17994.500	60.2	-17.7	45.6	32.300	V
18000.000	60.2	-45.6	44.5	61.266	V
17993.500	60.1	-17.7	45.6	32.200	H
17989.000	59.9	-17.7	45.6	32.000	V
17999.000	59.8	-17.7	45.6	31.900	H

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2488.960	56.4	-38.9	27.7	67.600	H
17984.500	59.3	-17.7	45.6	31.400	H
17950.000	59.2	-17.7	45.6	31.300	V
17986.500	59.2	-17.7	45.6	31.300	V
17991.500	59.2	-17.7	45.6	31.300	H
17996.500	59.2	-17.7	45.6	31.300	V

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2485.275	56.9	-38.9	27.7	68.100	H
17984.000	60.0	-17.7	45.6	32.100	V
17995.000	59.6	-17.7	45.6	31.700	V
17999.000	59.6	-17.7	45.6	31.700	H
17998.000	59.5	-17.7	45.6	31.600	V
17988.500	59.2	-17.7	45.6	31.300	H

802.11g-Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2384.490	54.3	-38.8	27.7	65.400	H
17986.500	60.1	-17.7	45.6	32.200	V
17983.000	59.9	-17.7	45.6	32.000	H
17969.500	59.9	-17.7	45.6	32.000	V
17989.500	59.8	-17.7	45.6	31.900	H
17996.500	59.6	-17.7	45.6	31.700	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17980.313	62.7	-17.7	45.6	34.800	V
17988.281	60.8	-17.7	45.6	32.900	V
17993.438	60.7	-17.7	45.6	32.800	V
17996.250	60.6	-17.7	45.6	32.700	H
17992.969	60.6	-17.7	45.6	32.700	V
17993.906	60.6	-17.7	45.6	32.700	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.770	60.9	-38.9	27.7	72.100	H
17995.781	61.4	-17.7	45.6	33.500	V
17998.594	60.7	-17.7	45.6	32.800	V
17992.969	60.6	-17.7	45.6	32.700	V
17987.344	60.4	-17.7	45.6	32.500	H
17983.125	60.4	-17.7	45.6	32.500	H

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2485.335	57.3	-38.9	27.7	68.500	H
17995.313	61.6	-17.7	45.6	33.700	H
17996.719	60.9	-17.7	45.6	33.000	V
17971.875	60.4	-17.7	45.6	32.500	V
18000.000	60.3	-45.6	44.5	61.366	H
17992.500	60.3	-17.7	45.6	32.400	V

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.950	58.3	-38.9	27.7	69.500	H
17997.188	61.2	-17.7	45.6	33.300	V
18000.000	61.1	-45.6	44.5	62.166	V
17982.656	61.0	-17.7	45.6	33.100	H
17989.219	60.4	-17.7	45.6	32.500	V
17992.500	60.4	-17.7	45.6	32.500	H

802.11n-HT20-Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2384.945	54.4	-38.8	27.7	65.500	H
17999.063	61.6	-17.7	45.6	33.700	H
17992.031	60.9	-17.7	45.6	33.000	V
17991.094	60.8	-17.7	45.6	32.900	H
17996.250	60.6	-17.7	45.6	32.700	V
17988.750	60.5	-17.7	45.6	32.600	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17986.406	60.9	-17.7	45.6	33.000	H
17999.531	60.9	-17.7	45.6	33.000	H
17996.719	60.7	-17.7	45.6	32.800	H
17987.344	60.5	-17.7	45.6	32.600	H
17981.250	60.5	-17.7	45.6	32.600	V
17991.563	60.3	-17.7	45.6	32.400	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.050	58.5	-38.9	27.7	69.700	H
17993.438	61.7	-17.7	45.6	33.800	H
17990.625	60.7	-17.7	45.6	32.800	V
17998.594	60.5	-17.7	45.6	32.600	H
17985.000	60.4	-17.7	45.6	32.500	V
17962.969	60.4	-17.7	45.6	32.500	H

Ch12

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.720	68.4	-38.9	27.7	79.600	H
17981.719	61.7	-17.7	45.6	33.800	H
17988.750	61.4	-17.7	45.6	33.500	V
17999.063	61.0	-17.7	45.6	33.100	V
17971.406	60.8	-17.7	45.6	32.900	H
17996.719	60.7	-17.7	45.6	32.800	V

Ch13

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.905	61.7	-38.9	27.7	72.900	H
17996.719	61.8	-17.7	45.6	33.900	V
17999.531	60.9	-17.7	45.6	33.000	V
17970.000	60.5	-17.7	45.6	32.600	H
17995.313	60.5	-17.7	45.6	32.600	V
17998.594	60.4	-17.7	45.6	32.500	H

802.11n-HT40-Peak

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2387.050	53.6	-38.8	27.7	64.700	H
17991.094	61.5	-17.7	45.6	33.600	H
17996.719	61.4	-17.7	45.6	33.500	V
17982.656	61.3	-17.7	45.6	33.400	H
17981.250	60.6	-17.7	45.6	32.700	H
17987.344	60.6	-17.7	45.6	32.700	V

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
17940.938	61.3	-17.7	45.6	33.400	V
17996.719	61.0	-17.7	45.6	33.100	H
17989.688	60.9	-17.7	45.6	33.000	V
17992.031	60.8	-17.7	45.6	32.900	H
18000.000	60.7	-45.6	44.5	61.766	V
17975.156	60.5	-17.7	45.6	32.600	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2487.660	57.5	-38.9	27.7	68.700	H
17994.844	61.3	-17.7	45.6	33.400	H
17990.625	60.8	-17.7	45.6	32.900	V
17963.906	60.8	-17.7	45.6	32.900	H
17985.000	60.8	-17.7	45.6	32.900	H
17998.594	60.7	-17.7	45.6	32.800	H

Ch10

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2484.045	62.5	-38.9	27.7	73.700	H
17987.344	61.9	-17.7	45.6	34.000	H
17999.531	61.9	-17.7	45.6	34.000	V
17970.000	61.2	-17.7	45.6	33.300	V
18000.000	61.1	-45.6	44.5	62.166	H
17995.781	61.0	-17.7	45.6	33.100	V

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2483.505	64.6	-38.9	27.7	75.800	H
17998.125	61.6	-17.7	45.6	33.700	V
17995.781	61.5	-17.7	45.6	33.600	V
17988.750	60.8	-17.7	45.6	32.900	H
18000.000	60.6	-45.6	44.5	61.666	V
17991.563	60.4	-17.7	45.6	32.500	H

Test graphs as below:

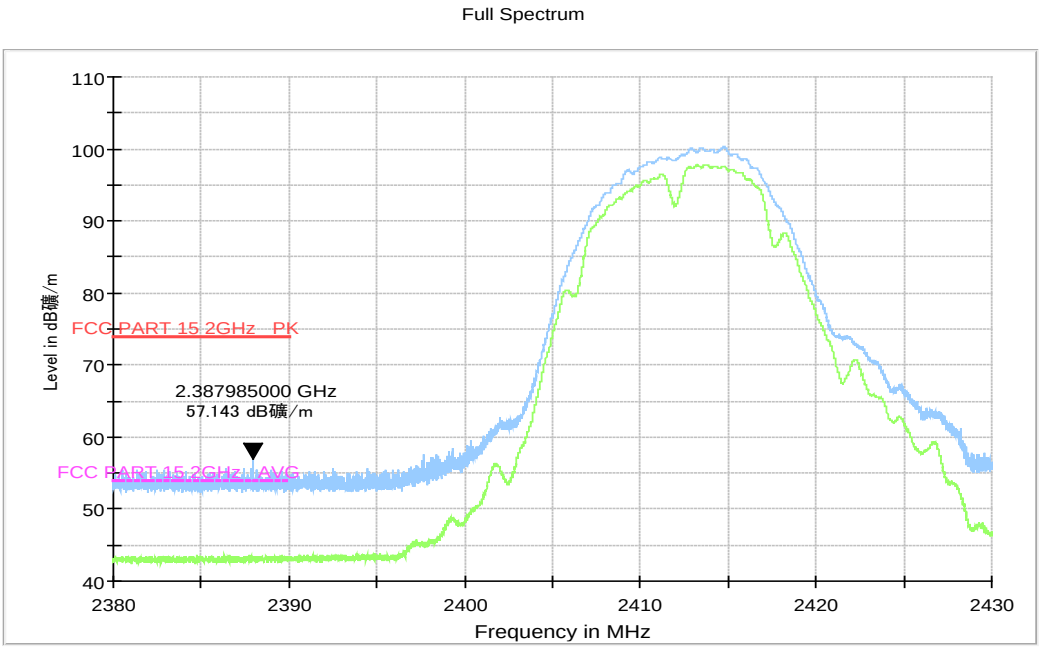

Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz – 2.45GHz

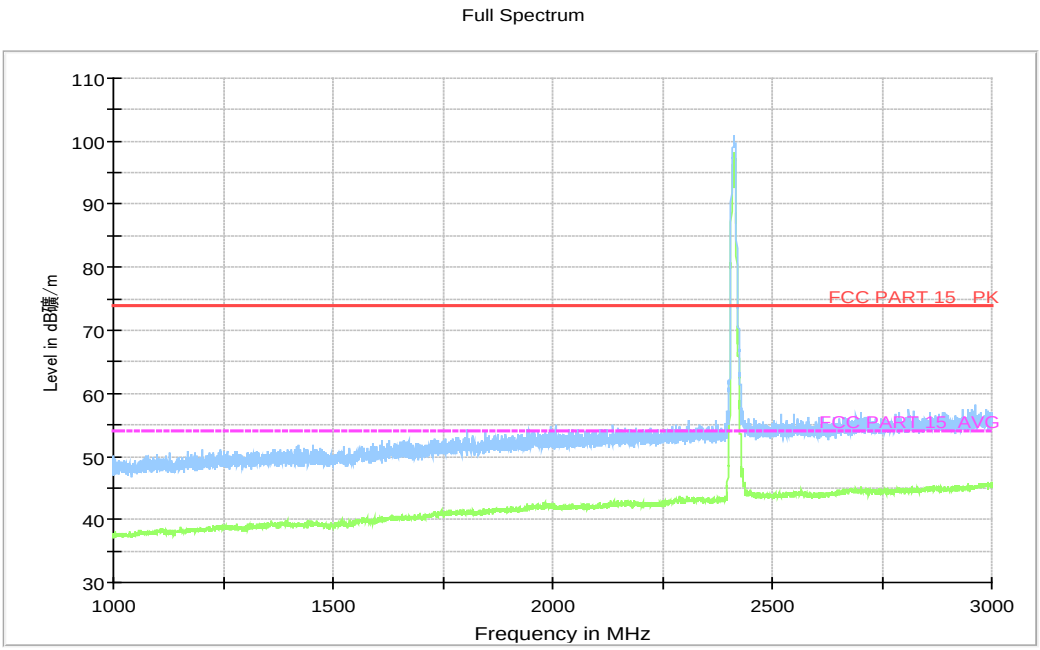

Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 1 GHz-3 GHz)

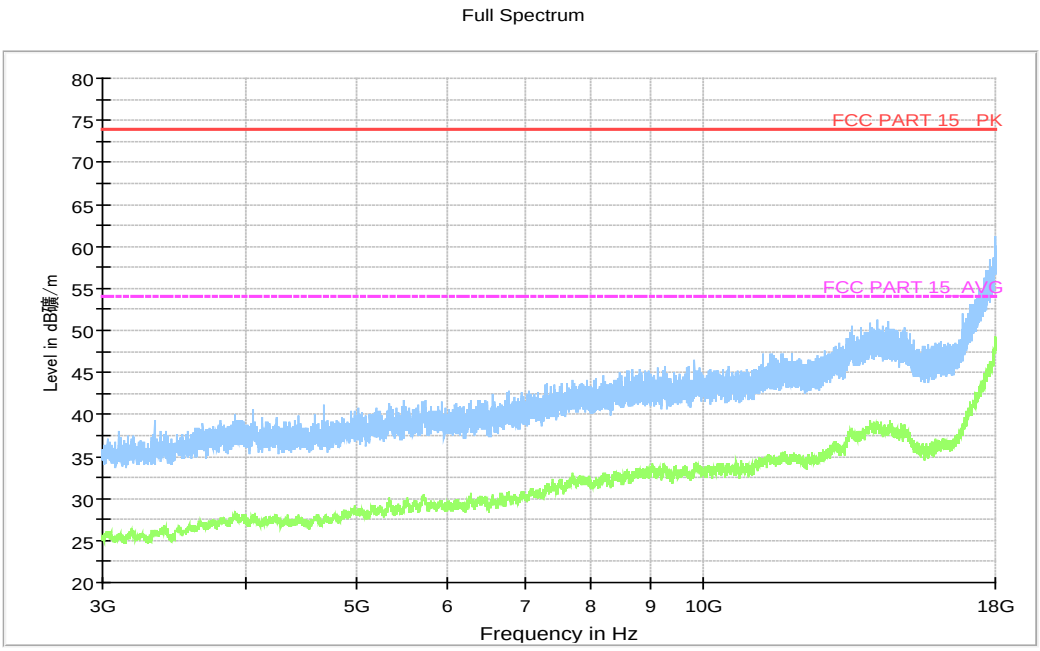

Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (802.11b, Ch1, 3 GHz-18 GHz)

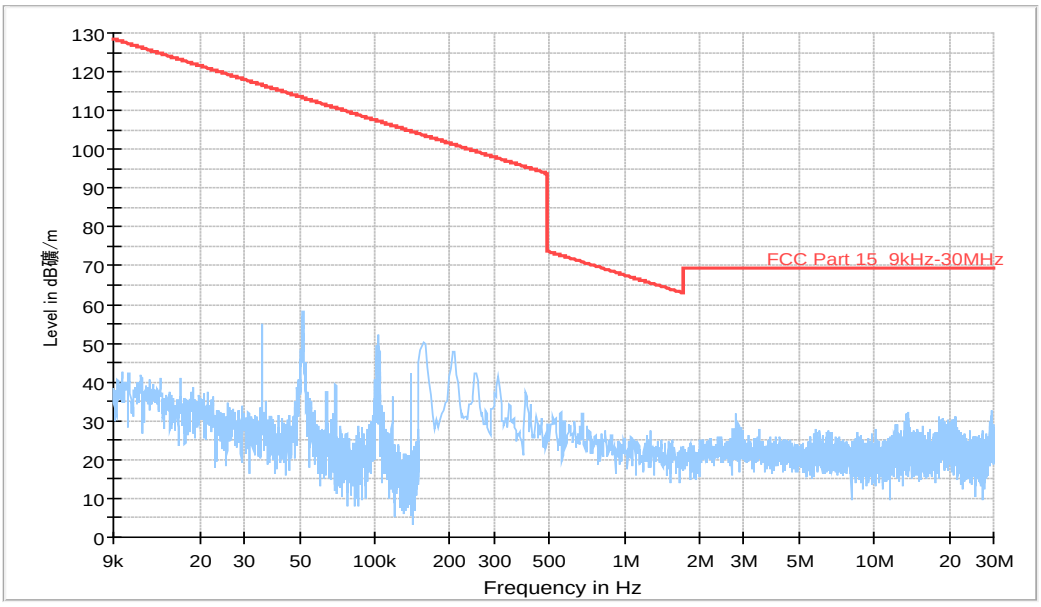

Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 9kHz-30 MHz)

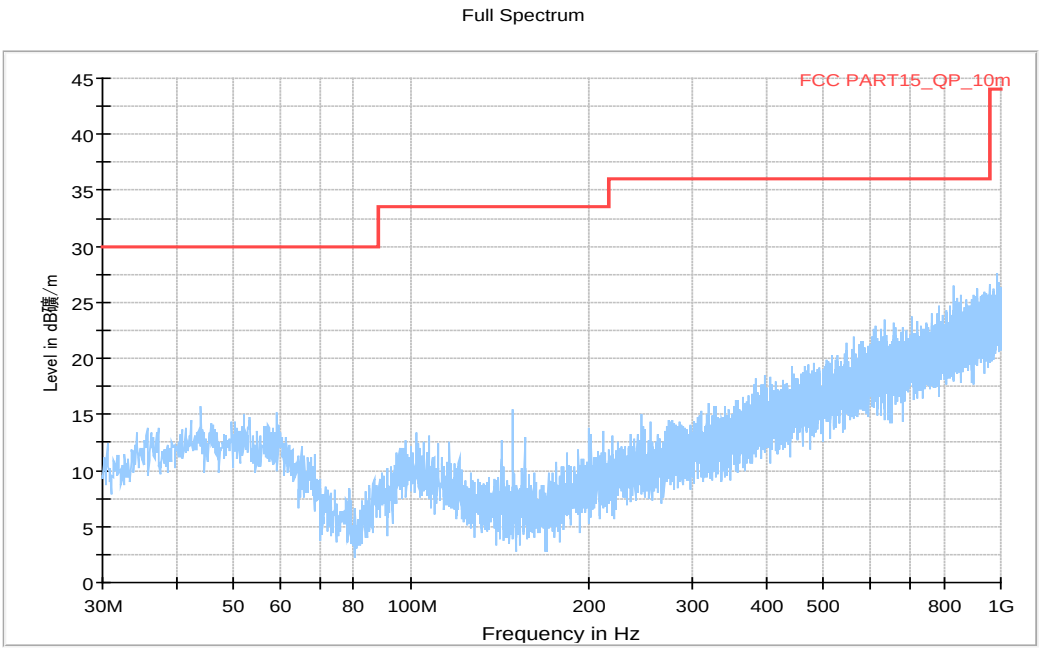

Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 30 MHz-1 GHz)

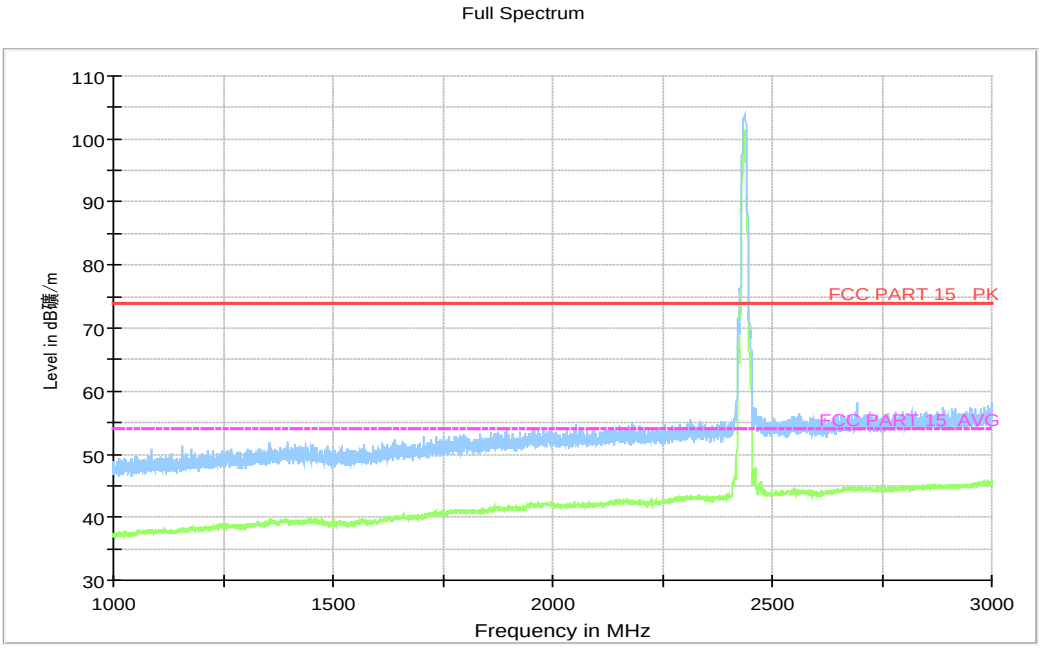

Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 1 GHz-3 GHz)

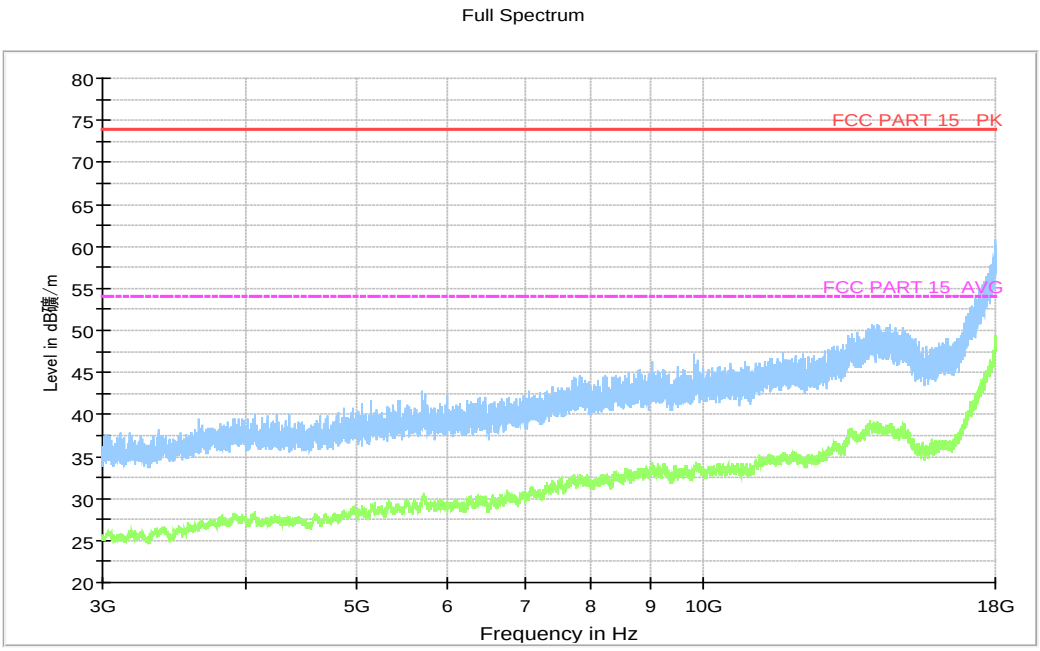

Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 3 GHz-18 GHz)

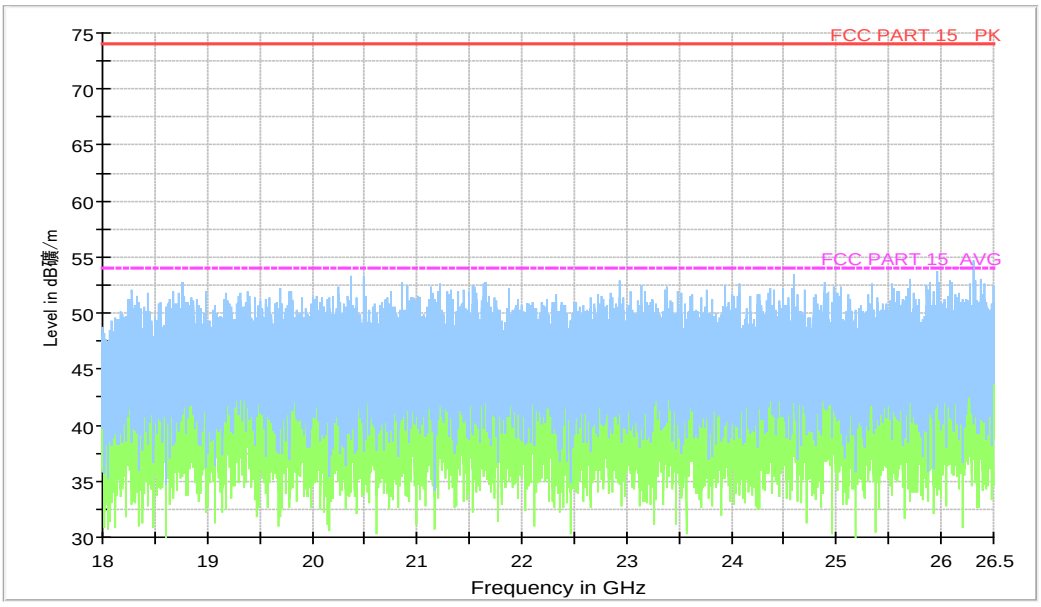

Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (802.11b, Ch6, 18GHz – 26.5GHz)

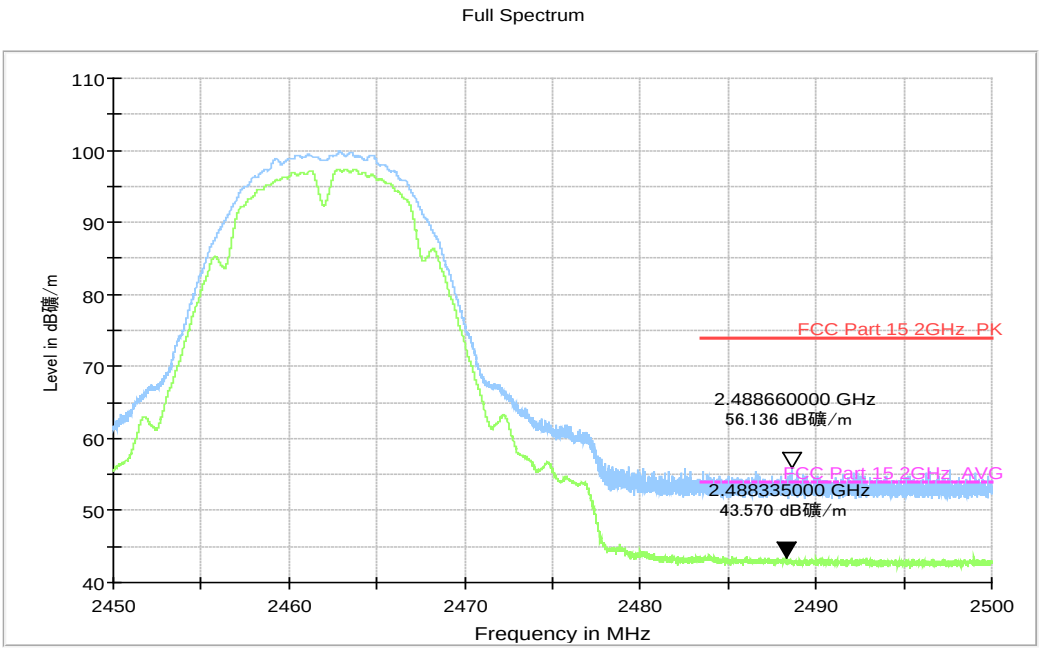

Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

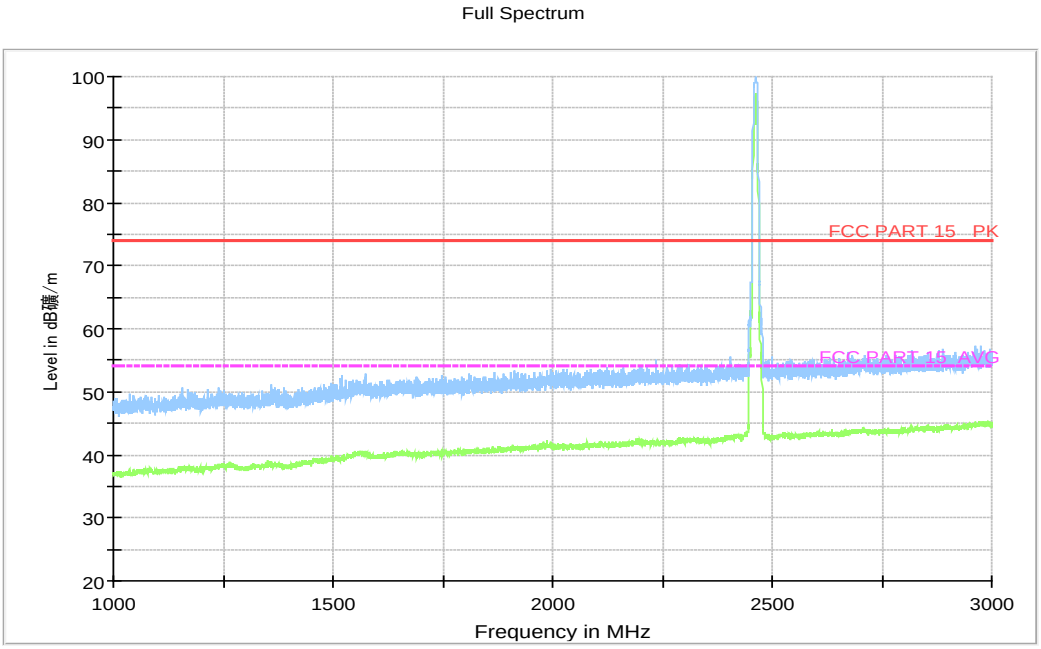

Fig.A.6.2.10 Transmitter Spurious Emission - Radiated (802.11b, Ch11, 1 GHz-3 GHz)