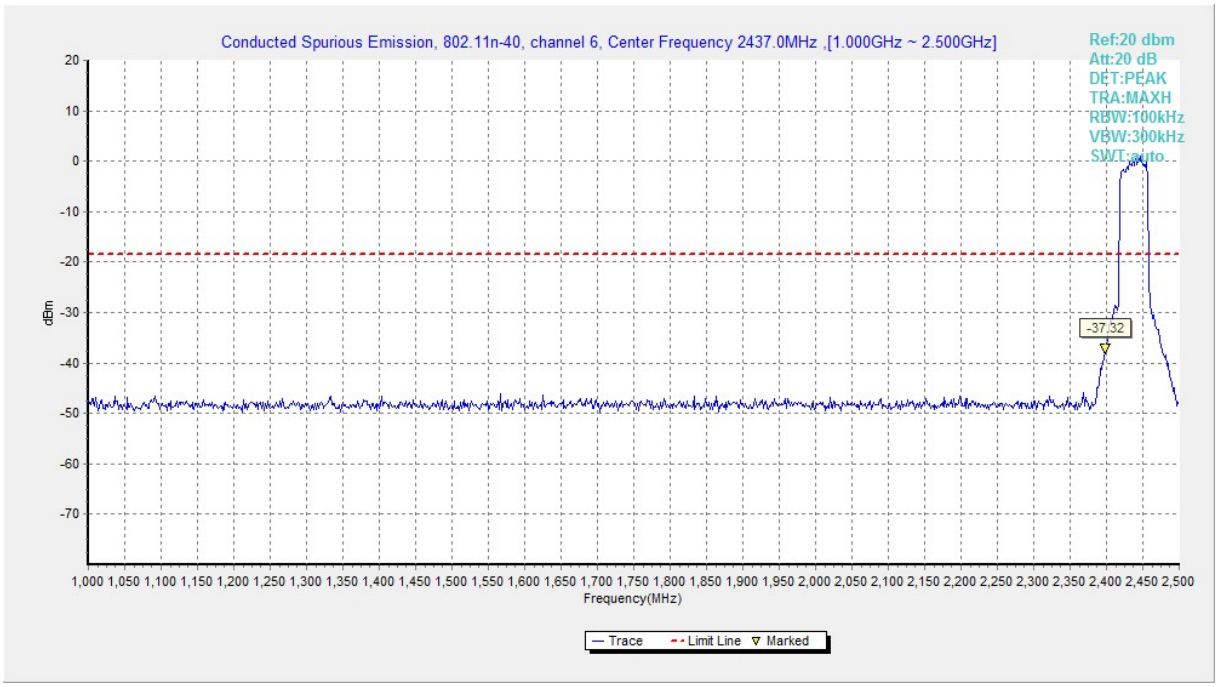


Fig.A.6.1.83 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 1 GHz-2.5 GHz)

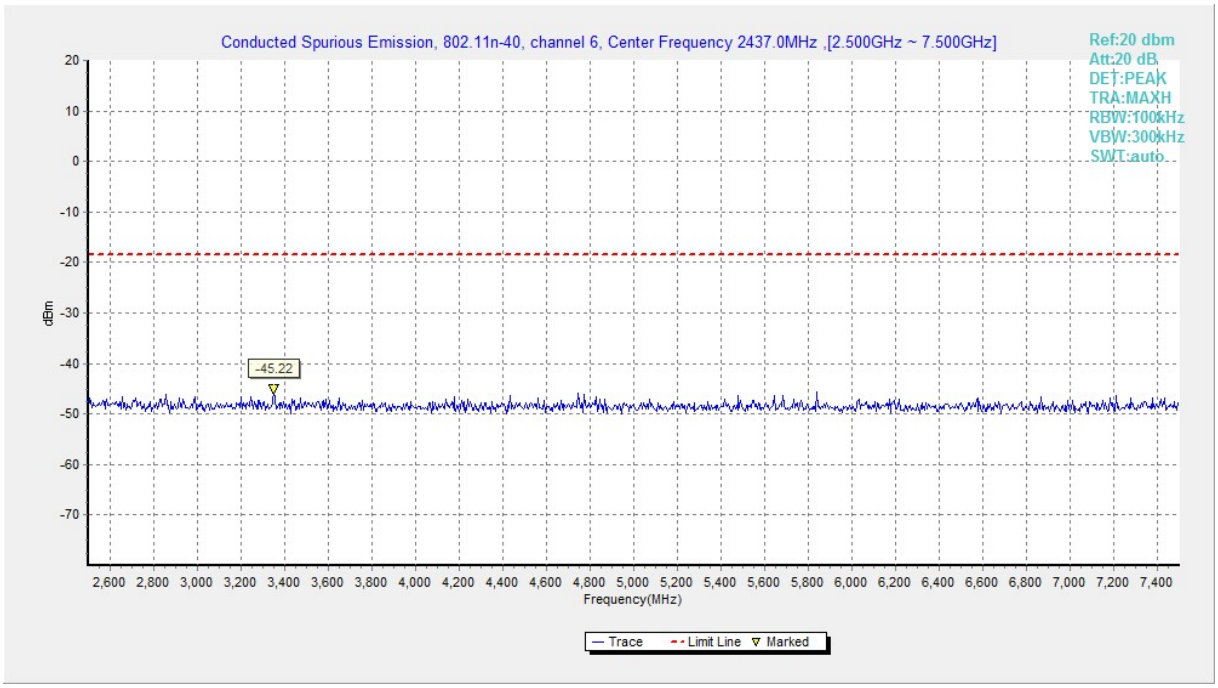


Fig.A.6.1.84 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 2.5 GHz-7.5 GHz)

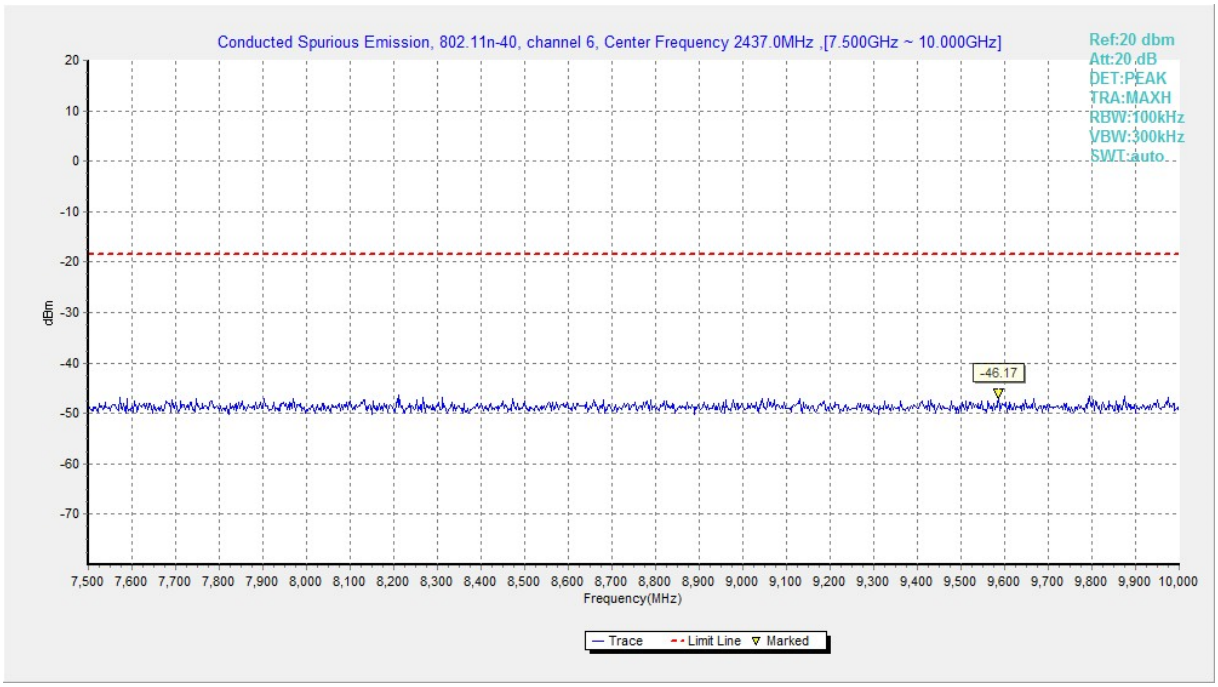


Fig.A.6.1.85 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 7.5 GHz-10 GHz)

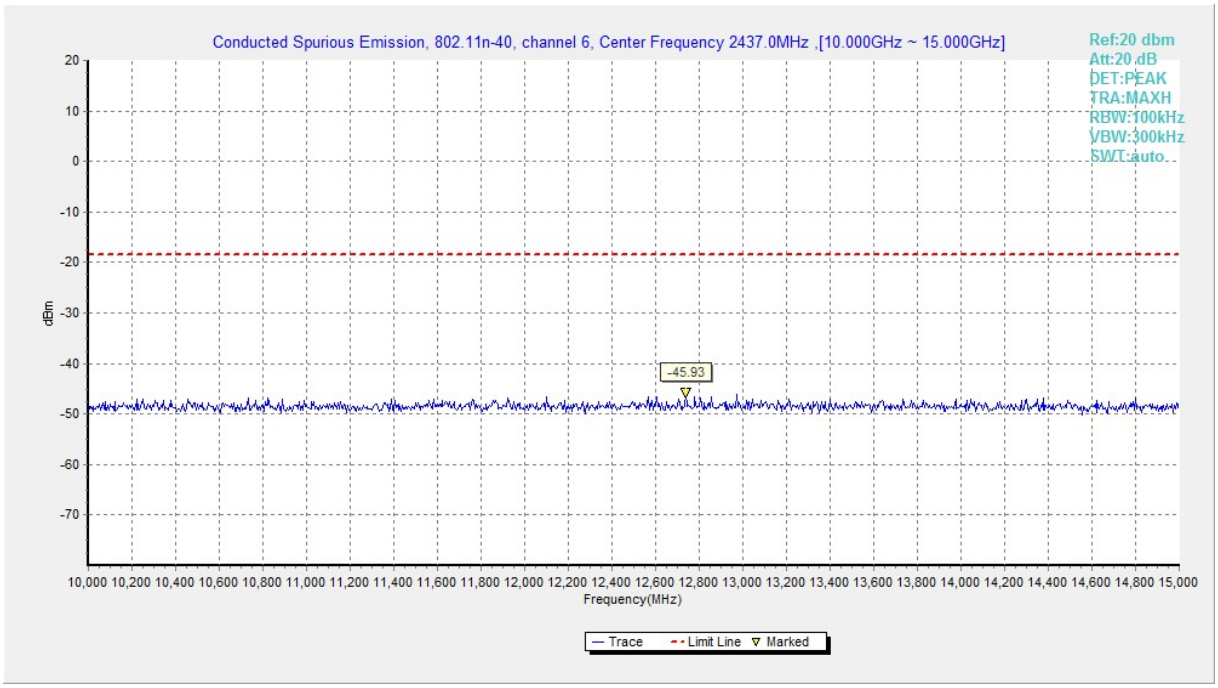


Fig.A.6.1.86 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 10 GHz-15 GHz)

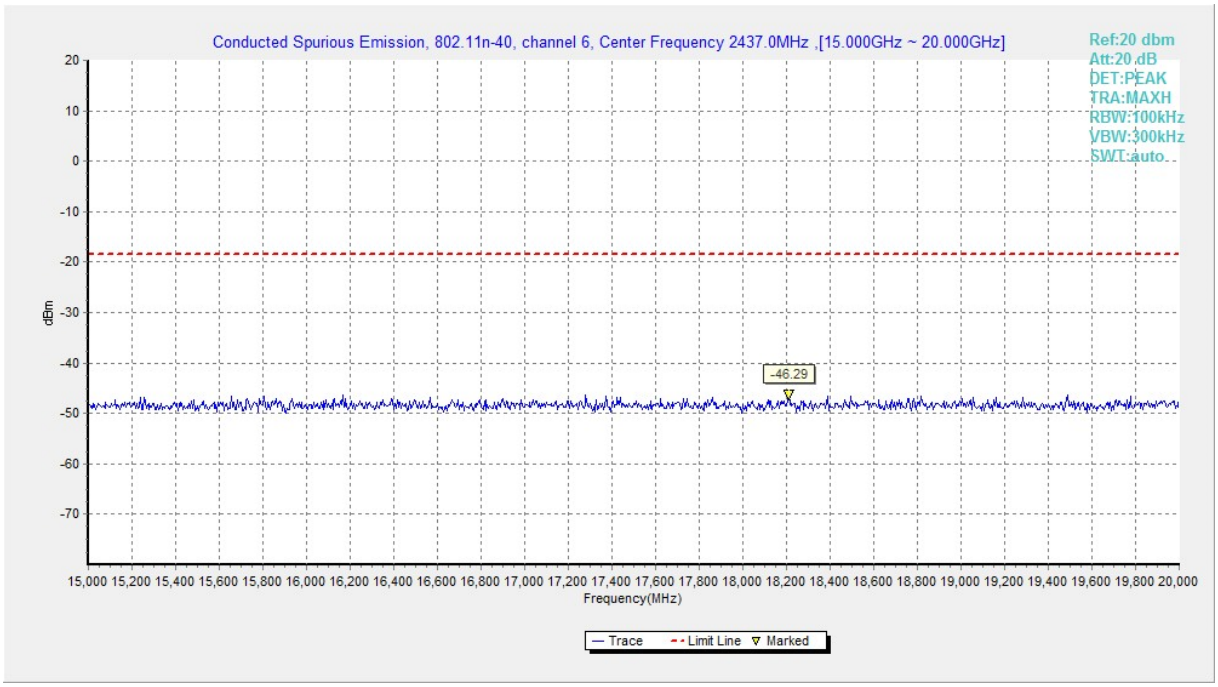


Fig.A.6.1.87 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 15 GHz-20 GHz)

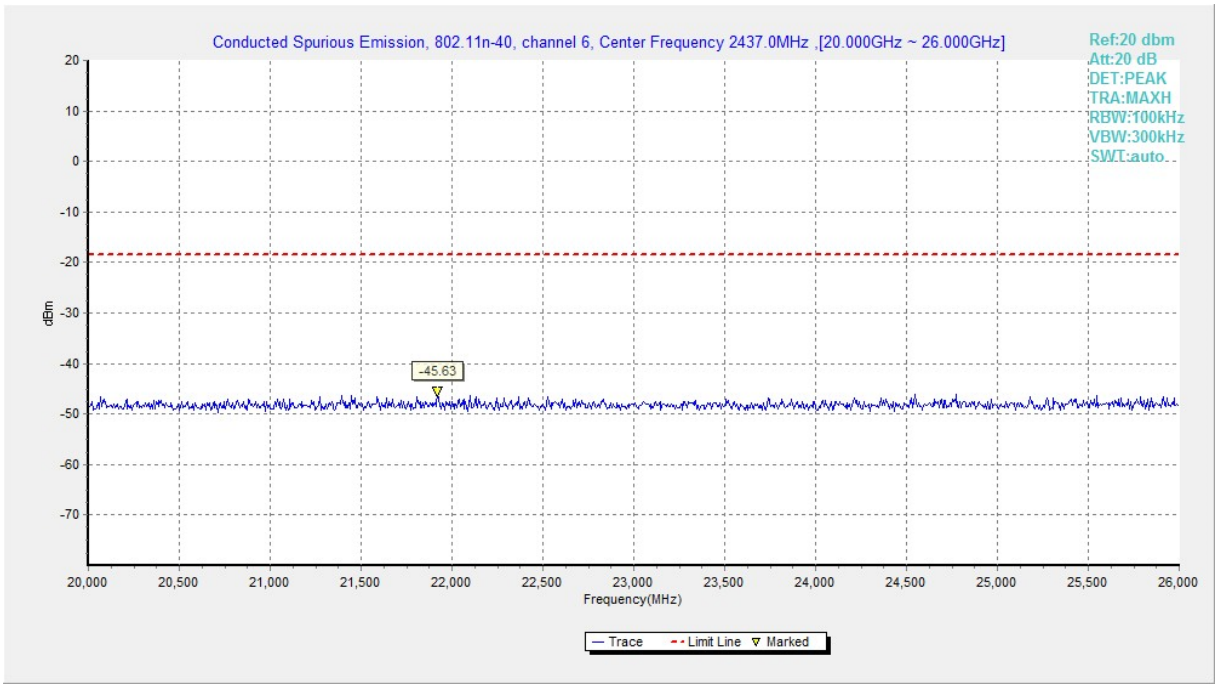


Fig.A.6.1.88 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 20 GHz-26 GHz)

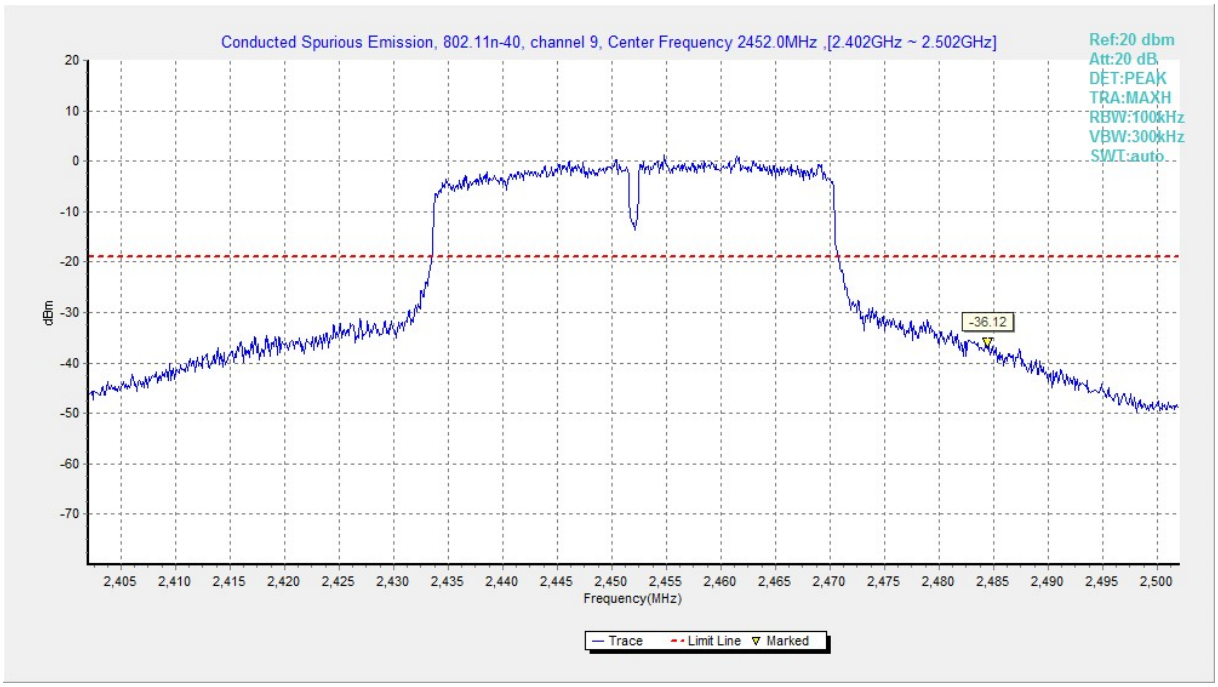


Fig.A.6.1.89 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, Center Frequency)

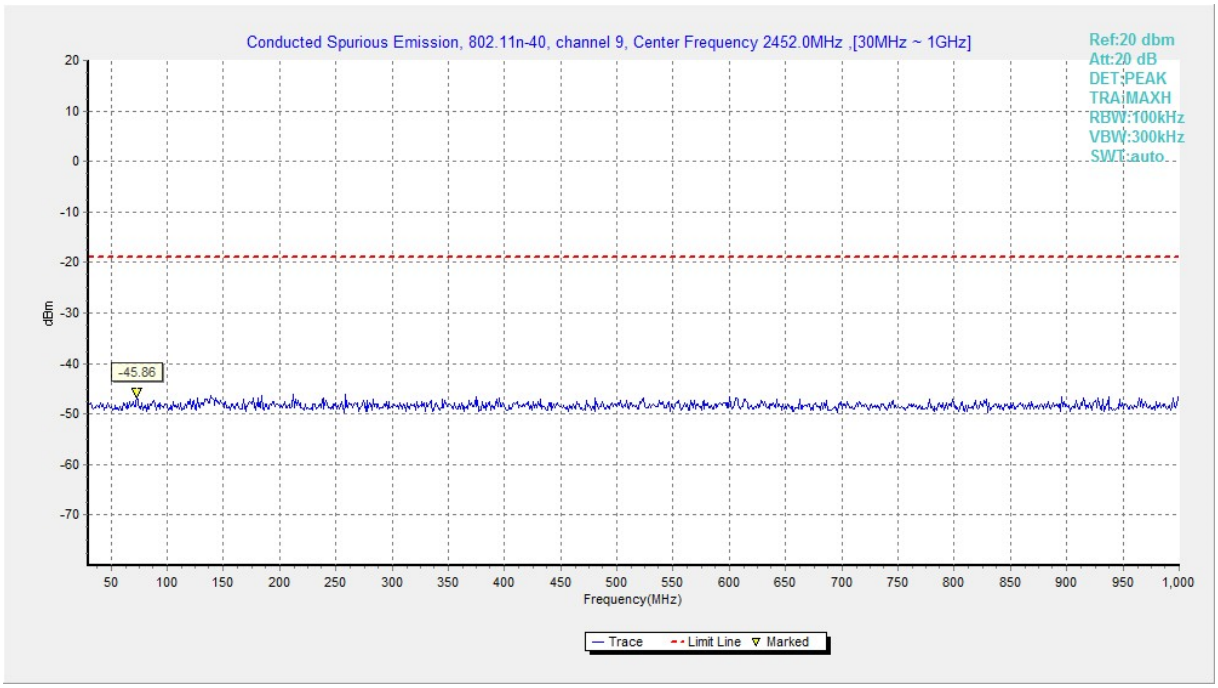


Fig.A.6.1.90 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 30 MHz-1 GHz)

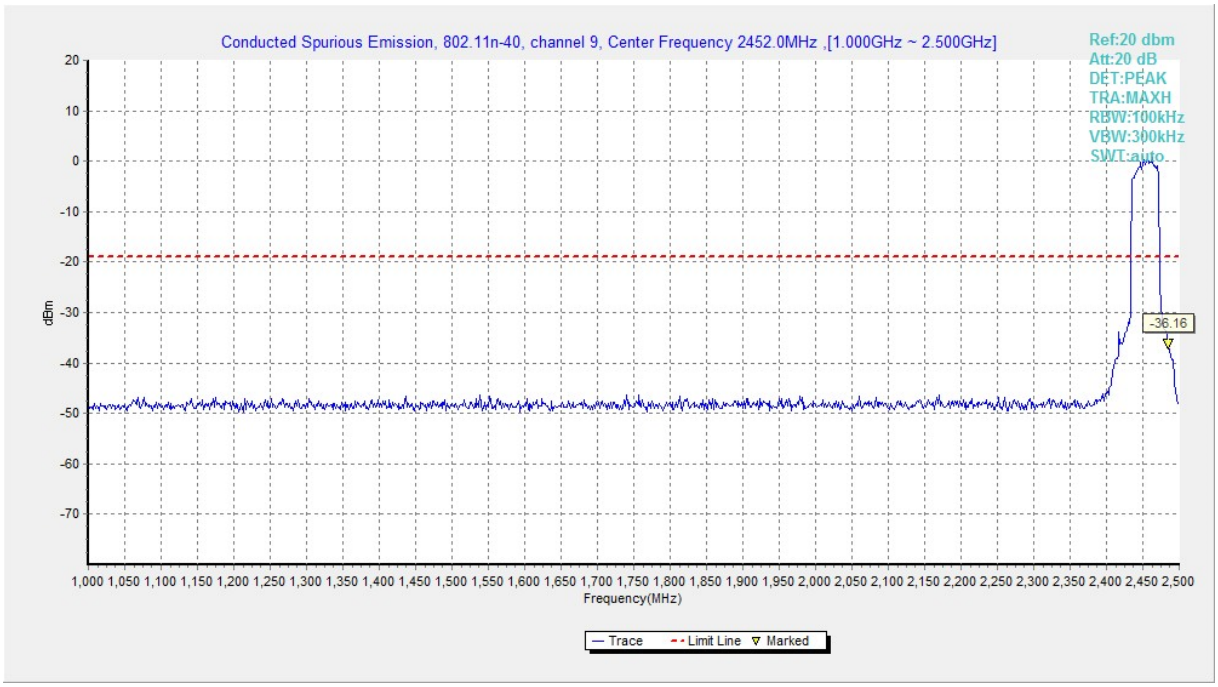


Fig.A.6.1.91 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

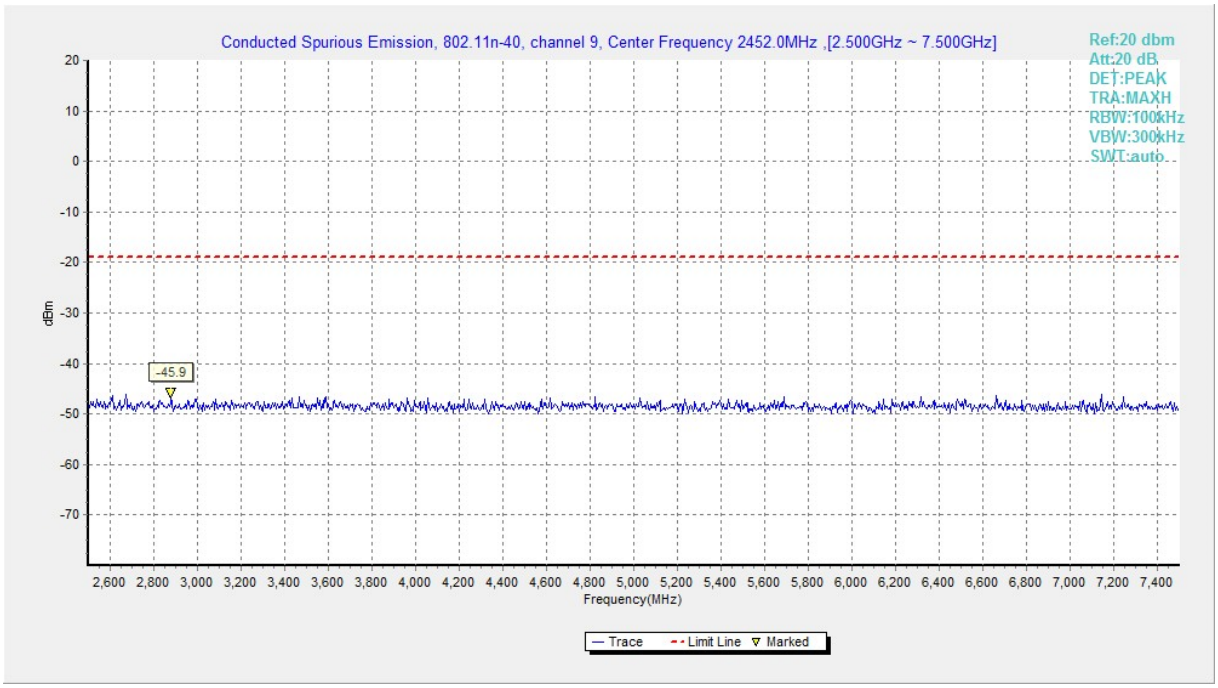


Fig.A.6.1.92 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

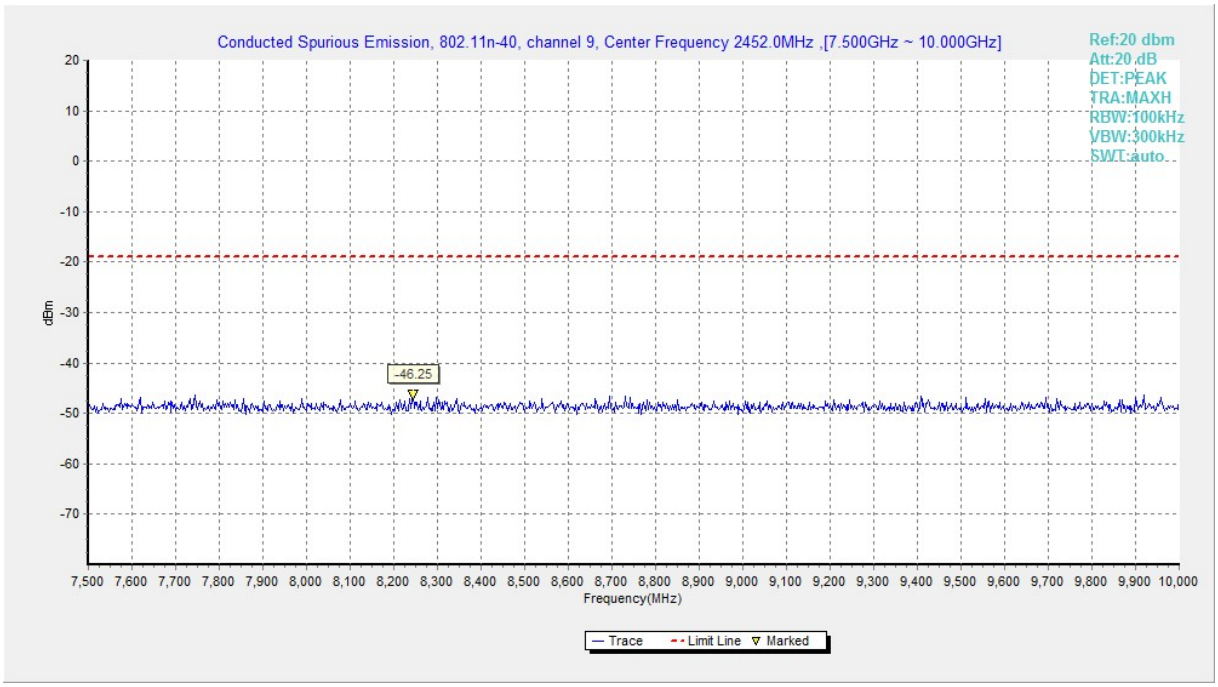


Fig.A.6.1.93 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

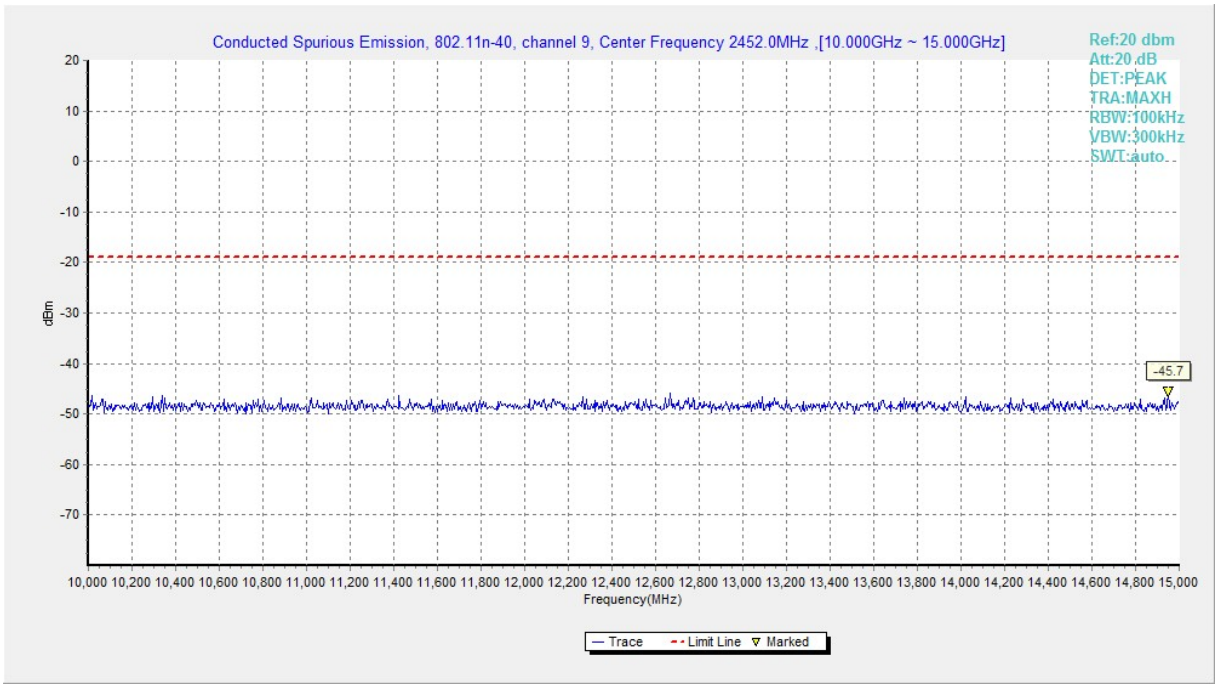


Fig.A.6.1.94 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 10 GHz-15 GHz)

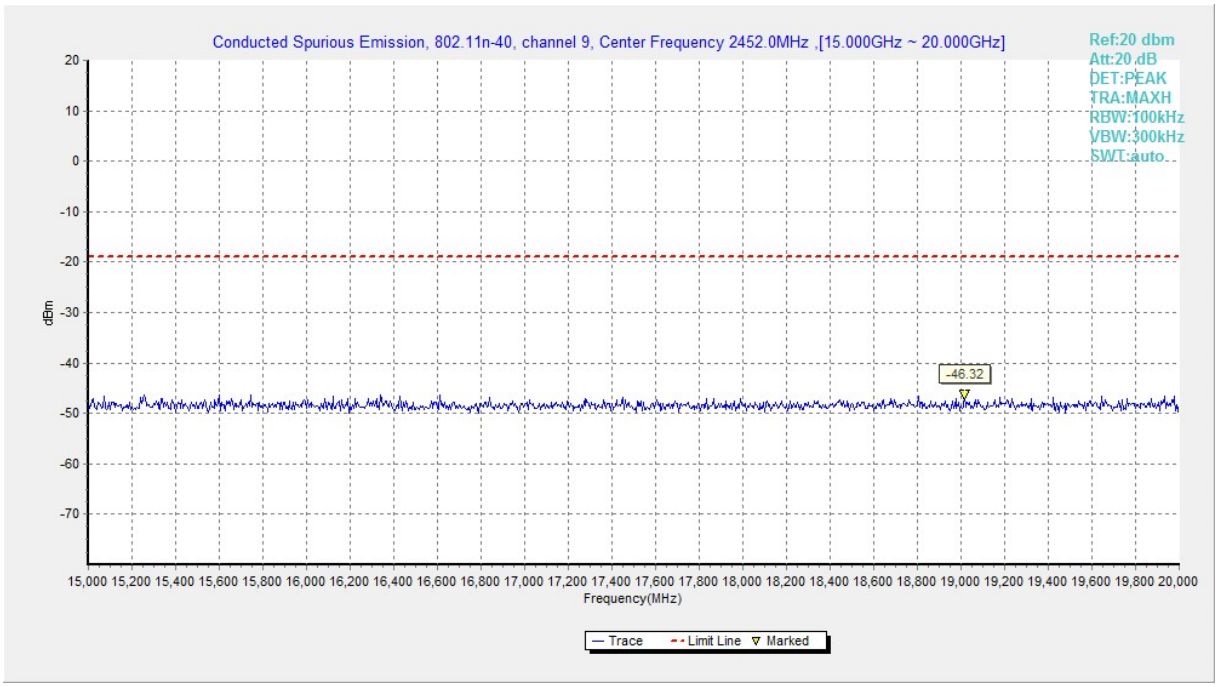


Fig.A.6.1.95 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 15 GHz-20 GHz)

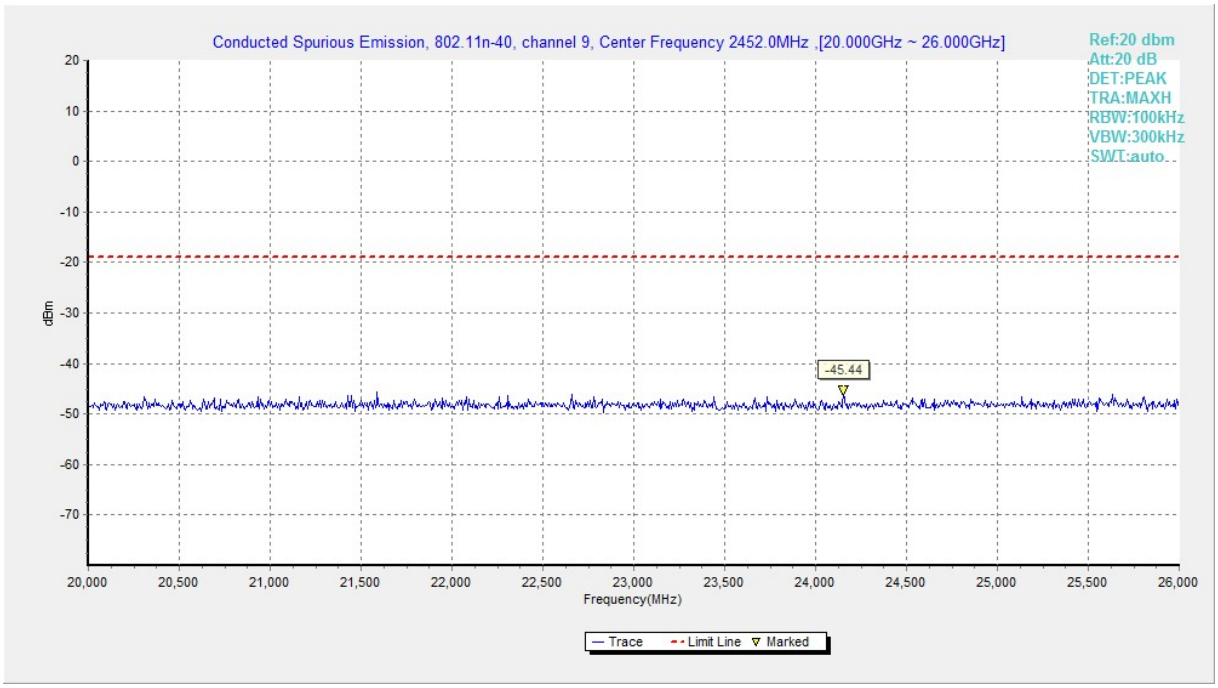


Fig.A.6.1.96 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 20 GHz-26 GHz)

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: EUT2

Measurement Results for Set.1:

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**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.2	**P**
	11	1 GHz ~ 3 GHz	--	**P**
		3 GHz ~ 18 GHz	--	**P**
	For all channels	18 GHz~ 26.5 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**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.4	**P**
	11	1 GHz ~ 3 GHz	--	**P**
		3 GHz ~ 18 GHz	--	**P**
	For all channels	18 GHz~ 26.5 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**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.6	**P**
	11	1 GHz ~ 3 GHz	--	**P**
		3 GHz ~ 18 GHz	--	**P**
	For all channels	18 GHz~ 26.5 GHz	--	**P**

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	Power	2.38GHz ~2.43GHz	Fig.A.6.2.7	**P**
	3	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**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.8	**P**
	9	1 GHz ~ 3 GHz	--	**P**
		3 GHz ~ 18 GHz	--	**P**
	For all channels	18 GHz~ 26.5 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}+Cable Loss+Antenna Factor

802.11b-Average

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2389.840	44.8	-38.8	27.2	56.449	H
18000.000	41.2	-26.5	46.4	21.305	H
17998.500	41.0	-25.5	43.4	23.102	V
17994.000	41.0	-25.5	43.4	23.102	H
17997.000	41.0	-25.5	43.4	23.102	H
17995.500	40.8	-25.5	43.4	22.902	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17997.000	40.8	-25.5	43.4	22.902	H
18000.000	40.8	-26.5	46.4	20.905	H
17994.000	40.7	-25.5	43.4	22.802	V
17998.500	40.6	-25.5	43.4	22.702	H
17995.500	40.6	-25.5	43.4	22.702	H
17992.500	40.6	-25.5	43.4	22.702	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2483.510	45.5	-39.0	27.2	57.314	H
17997.000	40.7	-25.5	43.4	22.802	H
18000.000	40.6	-26.5	46.4	20.705	V
17998.500	40.5	-25.5	43.4	22.602	H
17982.000	40.4	-25.5	43.4	22.502	H
17991.000	40.4	-25.5	43.4	22.502	H

802.11b-Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2387.155	56.6	-38.8	27.2	68.249	H
17929.500	52.5	-25.5	43.4	34.602	H
17976.000	52.1	-25.5	43.4	34.202	V
17949.000	52.1	-25.5	43.4	34.202	H
17883.000	52.0	-25.7	43.4	34.342	H
17940.000	52.0	-25.5	43.4	34.102	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17899.500	52.7	-25.7	43.4	35.042	H
17986.500	52.6	-25.5	43.4	34.702	H
17998.500	52.2	-25.5	43.4	34.302	V
17982.000	52.2	-25.5	43.4	34.302	H
17989.500	52.0	-25.5	43.4	34.102	H
17980.500	51.7	-25.5	43.4	33.802	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2485.385	57.7	-39.0	27.2	69.514	H
17715.000	52.6	-26.9	43.4	36.052	H
17893.500	52.4	-25.7	43.4	34.742	V
17887.500	52.4	-25.7	43.4	34.742	H
17818.500	52.3	-25.7	43.4	34.642	H
17986.500	52.2	-25.5	43.4	34.302	H

802.11g - Average

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2389.920	49.8	-38.8	27.2	61.449	H
18000.000	40.8	-26.5	46.4	20.905	H
17997.000	40.6	-25.5	43.4	22.702	V
17995.500	40.4	-25.5	43.4	22.502	H
17991.000	40.4	-25.5	43.4	22.502	H
17994.000	40.4	-25.5	43.4	22.502	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17979.000	40.5	-25.5	43.4	22.602	H
17997.000	40.5	-25.5	43.4	22.602	H
17991.000	40.4	-25.5	43.4	22.502	V
17955.000	40.4	-25.5	43.4	22.502	H
17995.500	40.3	-25.5	43.4	22.402	H
17998.500	40.3	-25.5	43.4	22.402	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2483.515	48.6	-39.0	27.2	60.414	H
17998.500	40.6	-25.5	43.4	22.702	H
18000.000	40.5	-26.5	46.4	20.605	V
17997.000	40.5	-25.5	43.4	22.602	H
17995.500	40.5	-25.5	43.4	22.602	H
17991.000	40.4	-25.5	43.4	22.502	H

802.11g - Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2389.110	62.8	-38.8	27.2	74.449	H
17976.000	52.2	-25.5	43.4	34.302	H
17991.000	52.1	-25.5	43.4	34.202	V
17928.000	52.0	-25.5	43.4	34.102	H
18000.000	51.8	-26.5	46.4	31.905	H
17929.500	51.8	-25.5	43.4	33.902	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17961.000	53.0	-25.5	43.4	35.102	H
17986.500	52.5	-25.5	43.4	34.602	H
17935.500	52.4	-25.5	43.4	34.502	V
17937.000	52.2	-25.5	43.4	34.302	H
17952.000	51.9	-25.5	43.4	34.002	H
17989.500	51.9	-25.5	43.4	34.002	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2484.370	61.2	-39.0	27.2	73.014	H
17826.000	52.5	-25.7	43.4	34.842	H
17905.500	51.9	-25.7	43.4	34.242	V
17952.000	51.7	-25.5	43.4	33.802	H
17821.500	51.7	-25.7	43.4	34.042	H
17976.000	51.6	-25.5	43.4	33.702	H

802.11n-HT20-Average

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2389.990	49.4	-38.8	27.2	61.049	H
17995.500	40.4	-25.5	43.4	22.502	H
17998.500	40.4	-25.5	43.4	22.502	V
17994.000	40.3	-25.5	43.4	22.402	H
18000.000	40.3	-26.5	46.4	20.405	H
17983.500	40.2	-25.5	43.4	22.302	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17991.000	40.5	-25.5	43.4	22.602	H
17994.000	40.5	-25.5	43.4	22.602	H
17998.500	40.4	-25.5	43.4	22.502	V
17995.500	40.4	-25.5	43.4	22.502	H
17997.000	40.4	-25.5	43.4	22.502	H
18000.000	40.4	-26.5	46.4	20.505	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2484.830	46.3	-39.0	27.2	58.114	H
17992.500	40.5	-25.5	43.4	22.602	H
17997.000	40.4	-25.5	43.4	22.502	V
17998.500	40.4	-25.5	43.4	22.502	H
18000.000	40.4	-26.5	46.4	20.505	H
17991.000	40.3	-25.5	43.4	22.402	H

802.11n-HT20-Peak

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2389.535	64.6	-38.8	27.2	76.249	H
17955.000	52.2	-25.5	43.4	34.302	H
17835.000	51.8	-25.7	43.4	34.142	V
17910.000	51.8	-25.7	43.4	34.142	H
17959.500	51.5	-25.5	43.4	33.602	H
17962.500	51.4	-25.5	43.4	33.502	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17835.000	51.9	-25.7	43.4	34.242	H
17820.000	51.8	-25.7	43.4	34.142	H
17965.500	51.8	-25.5	43.4	33.902	V
17998.500	51.7	-25.5	43.4	33.802	H
17935.500	51.7	-25.5	43.4	33.802	H
17988.000	51.7	-25.5	43.4	33.802	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2483.990	63.1	-39.0	27.2	74.914	H
17932.500	52.4	-25.5	43.4	34.502	H
17980.500	52.1	-25.5	43.4	34.202	V
17979.000	51.9	-25.5	43.4	34.002	H
17997.000	51.8	-25.5	43.4	33.902	H
17973.000	51.7	-25.5	43.4	33.802	H

802.11n-HT40-Average

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2388.875	45.3	-38.8	27.2	56.949	H
18000.000	40.7	-26.5	46.4	20.805	H
17998.500	40.6	-25.5	43.4	22.702	V
17995.500	40.5	-25.5	43.4	22.602	H
17994.000	40.4	-25.5	43.4	22.502	H
17997.000	40.4	-25.5	43.4	22.502	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
18000.000	40.5	-26.5	46.4	20.605	H
17995.500	40.4	-25.5	43.4	22.502	H
17997.000	40.3	-25.5	43.4	22.402	V
17994.000	40.3	-25.5	43.4	22.402	H
17998.500	40.3	-25.5	43.4	22.402	H
17991.000	40.2	-25.5	43.4	22.302	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2484.025	50.4	-39.0	27.2	62.214	H
17998.500	40.6	-25.5	43.4	22.702	H
17997.000	40.5	-25.5	43.4	22.602	V
17995.500	40.5	-25.5	43.4	22.602	H
18000.000	40.4	-26.5	46.4	20.505	H
17991.000	40.3	-25.5	43.4	22.402	H

802.11n-HT40-Peak

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2388.630	58.4	-38.8	27.2	70.049	H
17995.500	51.6	-25.5	43.4	33.702	H
17812.500	51.6	-25.7	43.4	33.942	V
17988.000	51.4	-25.5	43.4	33.502	H
17910.000	51.4	-25.7	43.4	33.742	H
17986.500	51.4	-25.5	43.4	33.502	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
17808.000	51.7	-25.7	43.4	34.042	H
17899.500	51.7	-25.7	43.4	34.042	H
17935.500	51.6	-25.5	43.4	33.702	V
18000.000	51.5	-26.5	46.4	31.605	H
17970.000	51.4	-25.5	43.4	33.502	H
17997.000	51.4	-25.5	43.4	33.502	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	Receiver Reading (dBμV)	Polarization
2487.230	61.2	-39.0	27.2	73.014	H
17947.500	52.0	-25.5	43.4	34.102	H
17955.000	51.8	-25.5	43.4	33.902	V
17970.000	51.6	-25.5	43.4	33.702	H
17982.000	51.5	-25.5	43.4	33.602	H
17997.000	51.4	-25.5	43.4	33.502	H

Test graphs as below for Set1:

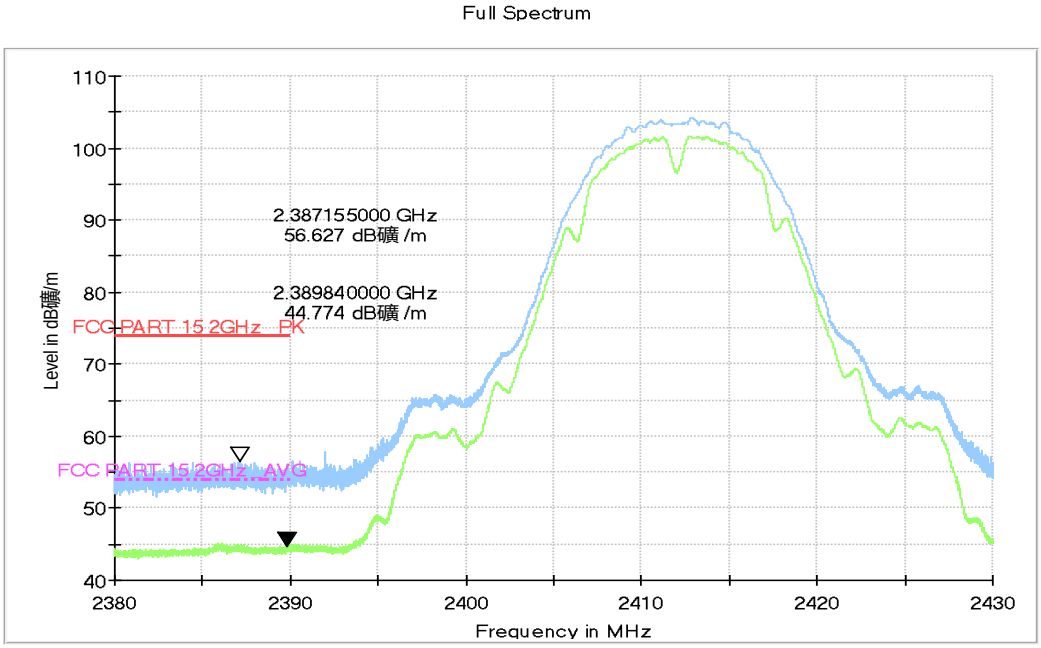


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz – 2.43GHz

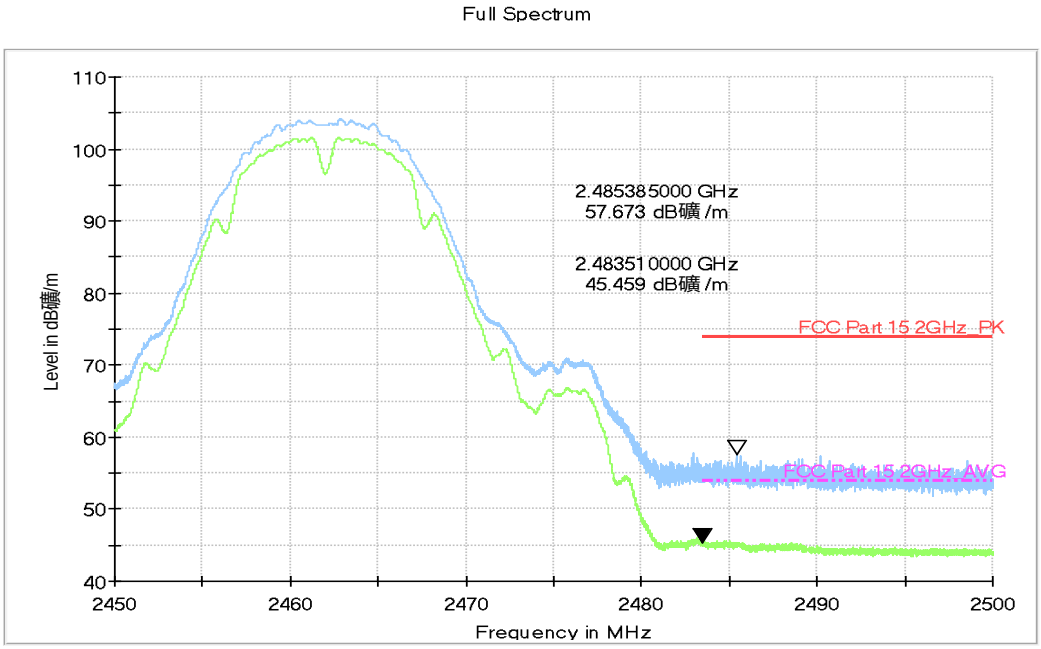


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

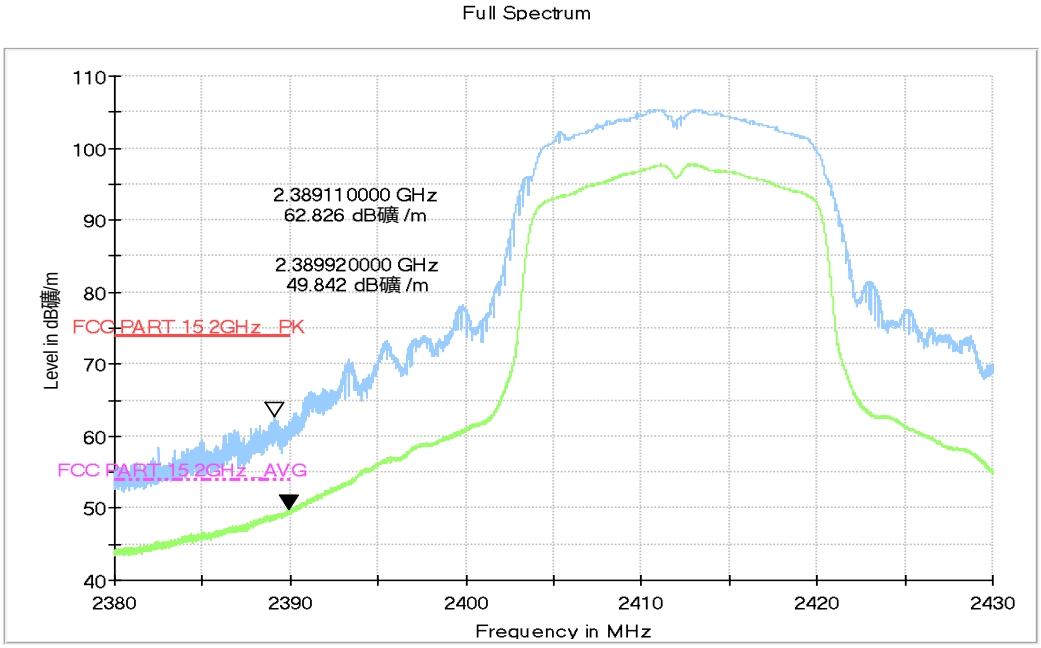
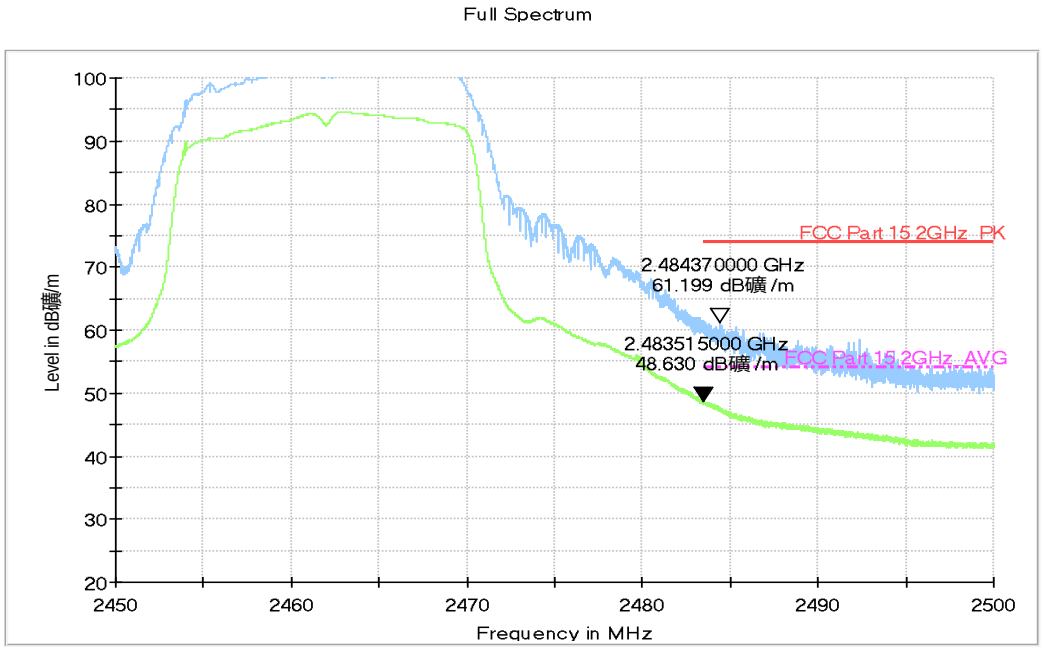


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.38 GHz - 2.43GHz



3

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

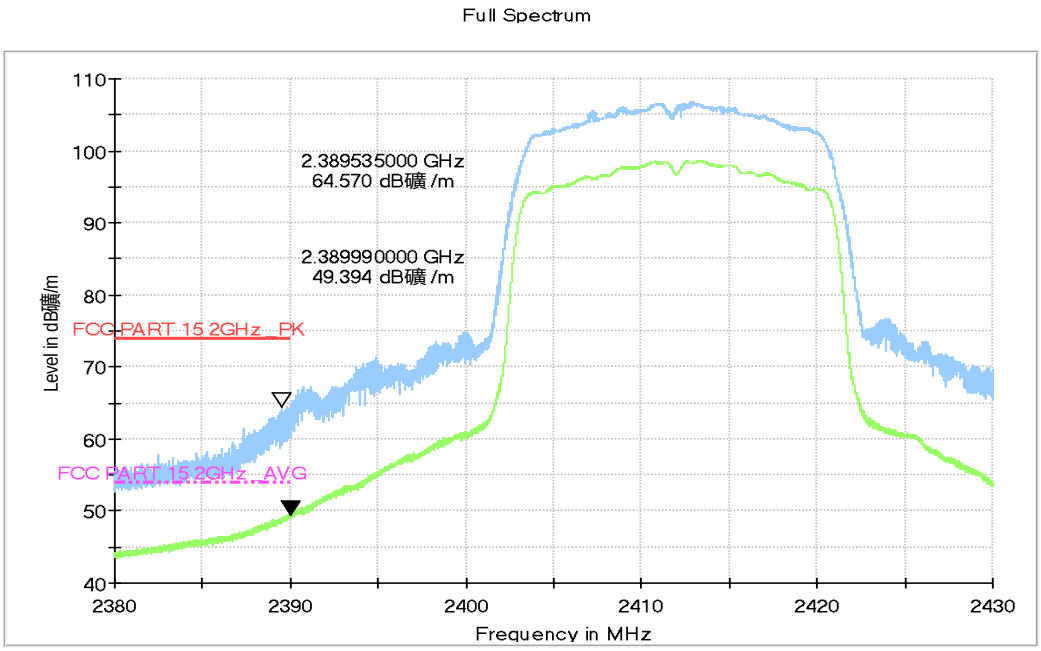


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.38 GHz - 2.45GHz

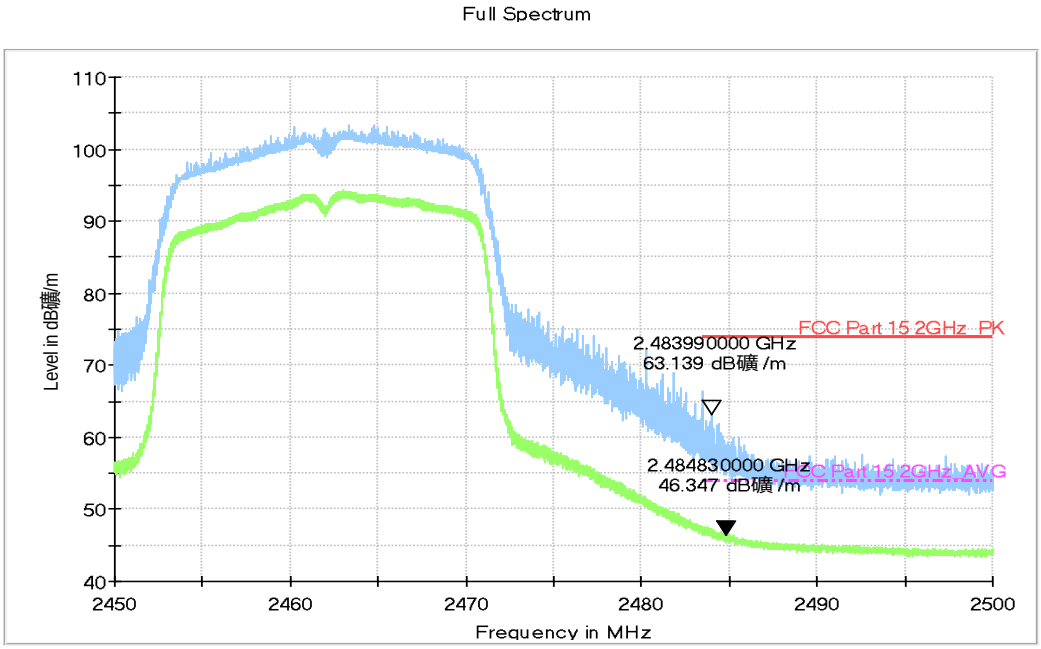


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

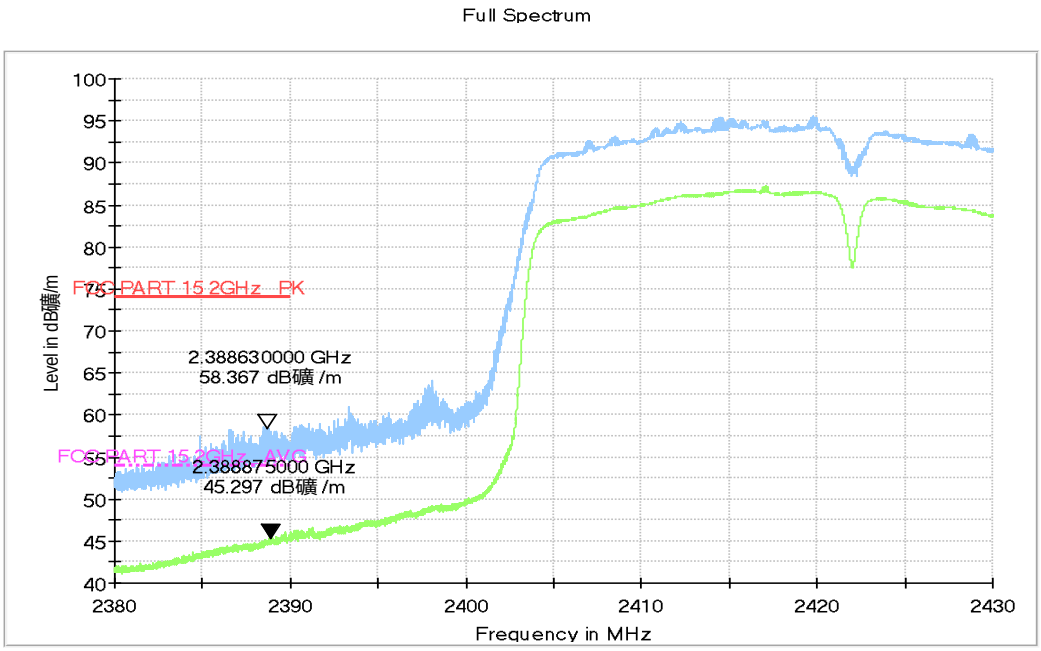


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch3, 2.38 GHz - 2.43GHz

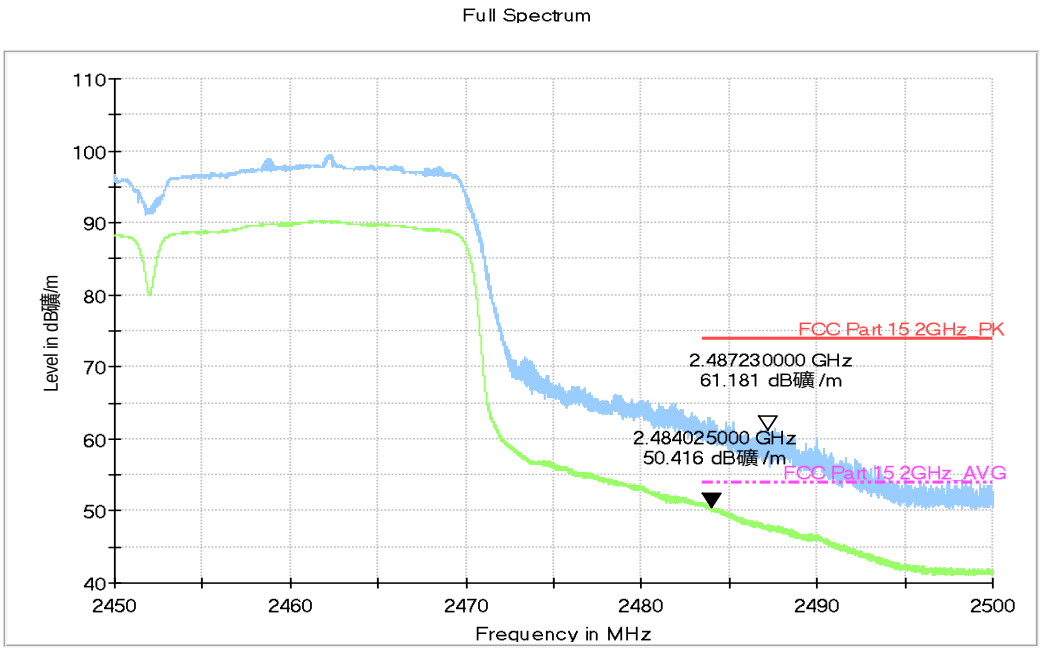


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

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.36 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:

Voltage（V）	Frequency（Hz）
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	Fig.A.7.3	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	Fig.A.7.3	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.1

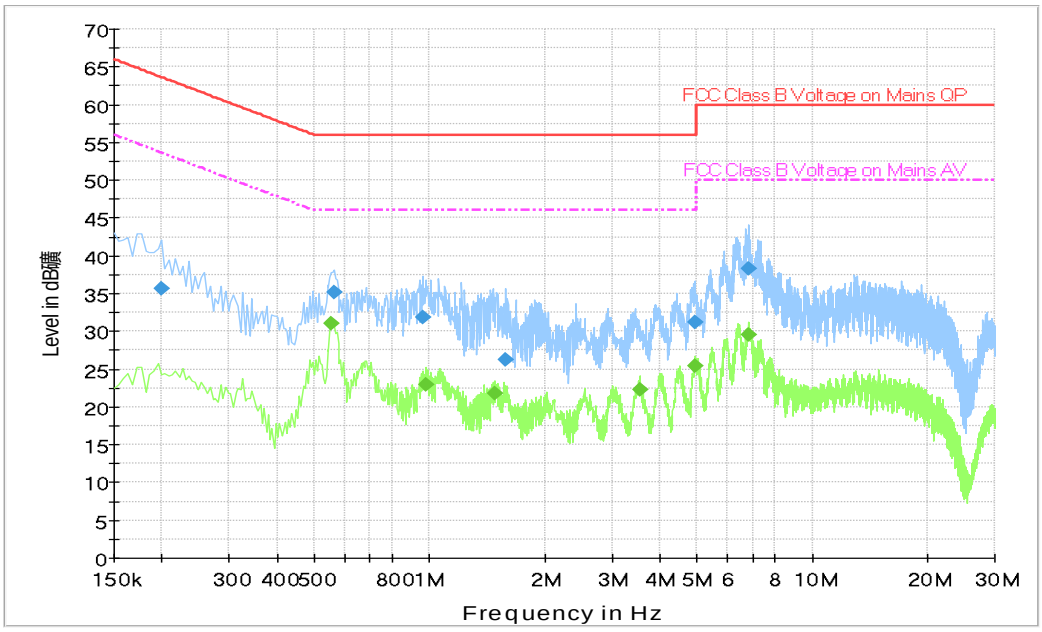


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

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	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.199500	35.6	2000.0	9.000	On	N	19.8	28.0	63.6
0.564000	35.1	2000.0	9.000	On	L1	19.9	20.9	56.0
0.960000	31.8	2000.0	9.000	On	L1	19.6	24.2	56.0
1.581000	26.3	2000.0	9.000	On	N	19.6	29.8	56.0
4.947000	31.3	2000.0	9.000	On	L1	19.6	24.7	56.0
6.801000	38.4	2000.0	9.000	On	L1	19.8	21.6	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.555000	31.0	2000.0	9.000	On	L1	19.9	15.0	46.0
0.978000	22.9	2000.0	9.000	On	L1	19.6	23.1	46.0
1.482000	21.8	2000.0	9.000	On	L1	19.6	24.2	46.0
3.547500	22.3	2000.0	9.000	On	L1	19.7	23.7	46.0
4.965000	25.4	2000.0	9.000	On	L1	19.6	20.6	46.0
6.801000	29.5	2000.0	9.000	On	L1	19.8	20.5	50.0

Traffic: Set.2

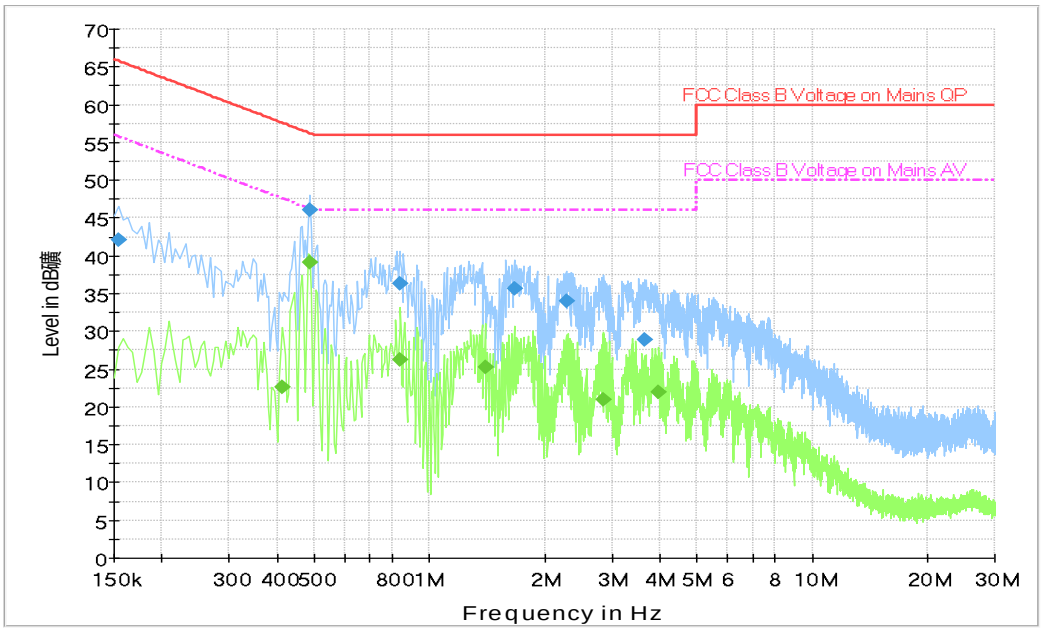


Fig.A.7.2 AC Powerline Conducted Emission-802.11b

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	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154500	42.1	2000.0	9.000	On	N	20.0	23.6	65.8
0.487500	46.0	2000.0	9.000	On	L1	19.9	10.2	56.2
0.834000	36.4	2000.0	9.000	On	L1	19.7	19.6	56.0
1.666500	35.6	2000.0	9.000	On	L1	19.7	20.4	56.0
2.274000	34.0	2000.0	9.000	On	L1	19.7	22.0	56.0
3.655500	28.8	2000.0	9.000	On	L1	19.6	27.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.411000	22.6	2000.0	9.000	On	N	19.9	25.0	47.6
0.487500	39.1	2000.0	9.000	On	L1	19.9	7.1	46.2
0.838500	26.2	2000.0	9.000	On	N	19.8	19.8	46.0
1.396500	25.3	2000.0	9.000	On	N	19.6	20.7	46.0
2.859000	21.0	2000.0	9.000	On	L1	19.7	25.0	46.0
3.979500	22.0	2000.0	9.000	On	N	19.7	24.0	46.0

Idle: Set.1

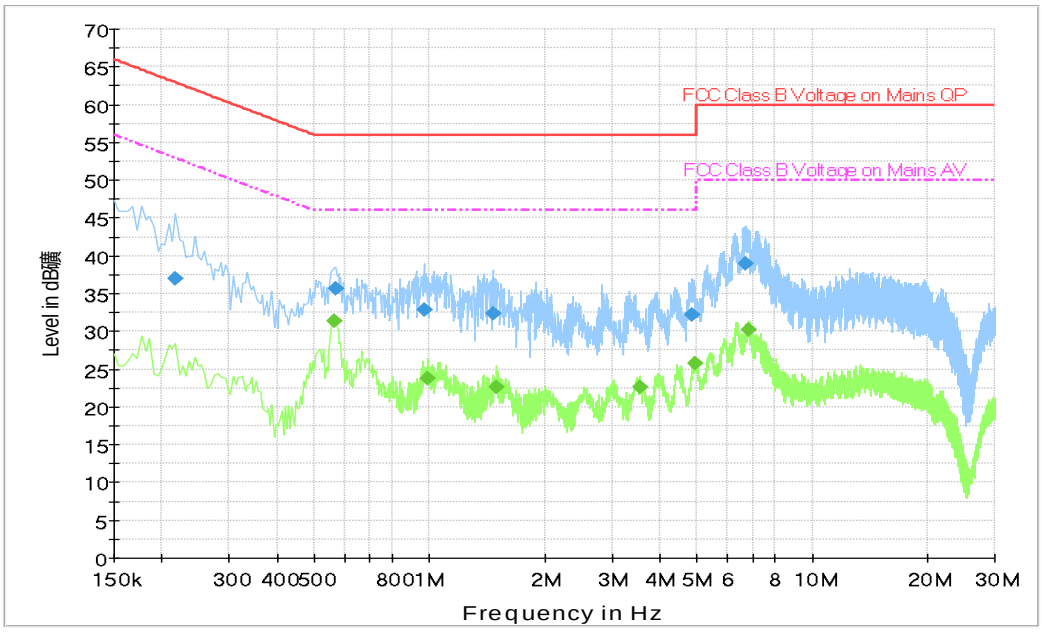


Fig.A.7.3 AC Powerline Conducted Emission-Idle

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

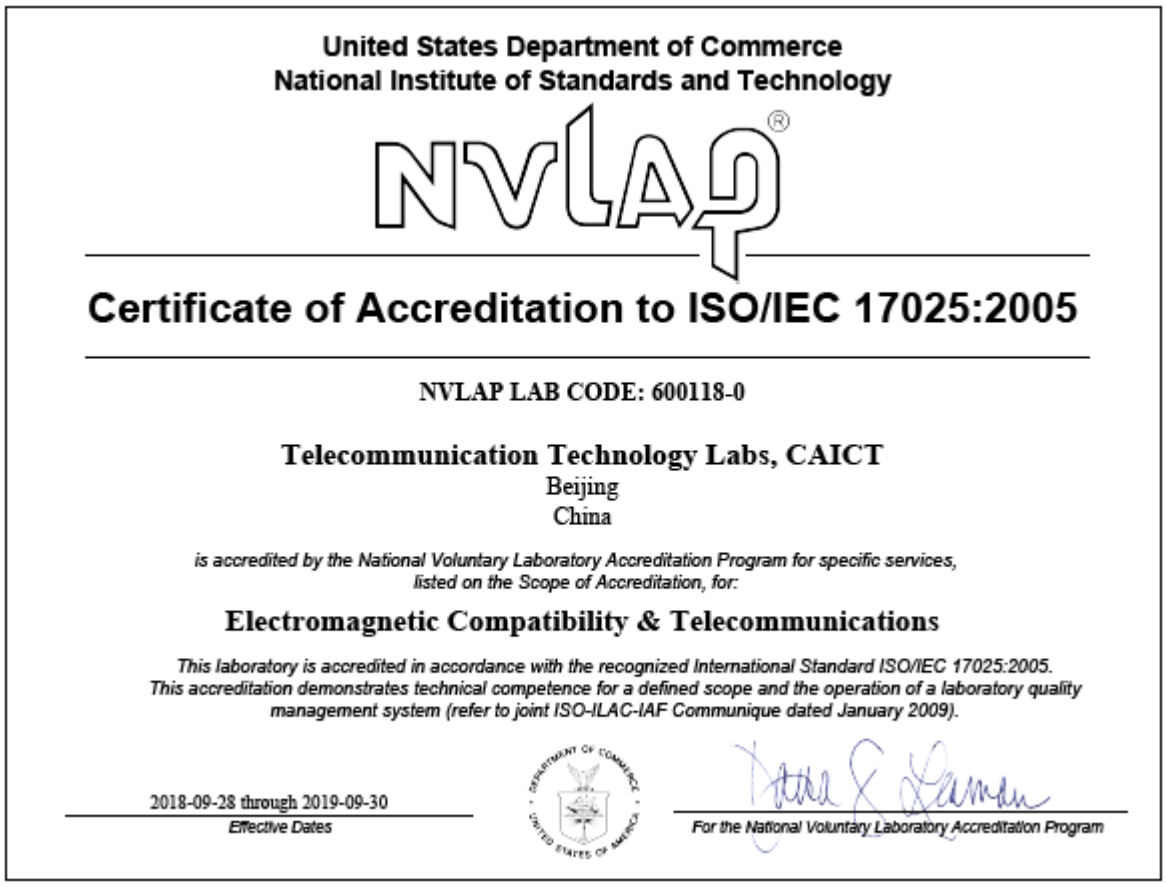
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.217500	36.9	2000.0	9.000	On	L1	19.8	26.0	62.9
0.568500	35.6	2000.0	9.000	On	L1	19.9	20.4	56.0
0.969000	32.8	2000.0	9.000	On	L1	19.6	23.2	56.0
1.464000	32.3	2000.0	9.000	On	L1	19.6	23.7	56.0
4.861500	32.2	2000.0	9.000	On	L1	19.6	23.8	56.0
6.711000	39.0	2000.0	9.000	On	L1	19.8	21.0	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.564000	31.3	2000.0	9.000	On	L1	19.9	14.7	46.0
0.991500	23.8	2000.0	9.000	On	L1	19.6	22.2	46.0
1.495500	22.6	2000.0	9.000	On	L1	19.6	23.4	46.0
3.547500	22.7	2000.0	9.000	On	L1	19.7	23.3	46.0
4.951500	25.8	2000.0	9.000	On	L1	19.6	20.2	46.0
6.805500	30.2	2000.0	9.000	On	L1	19.8	19.8	50.0

ANNEX B: Accreditation Certificate



United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

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 17025:2005. 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).

2018-09-28 through 2019-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

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