

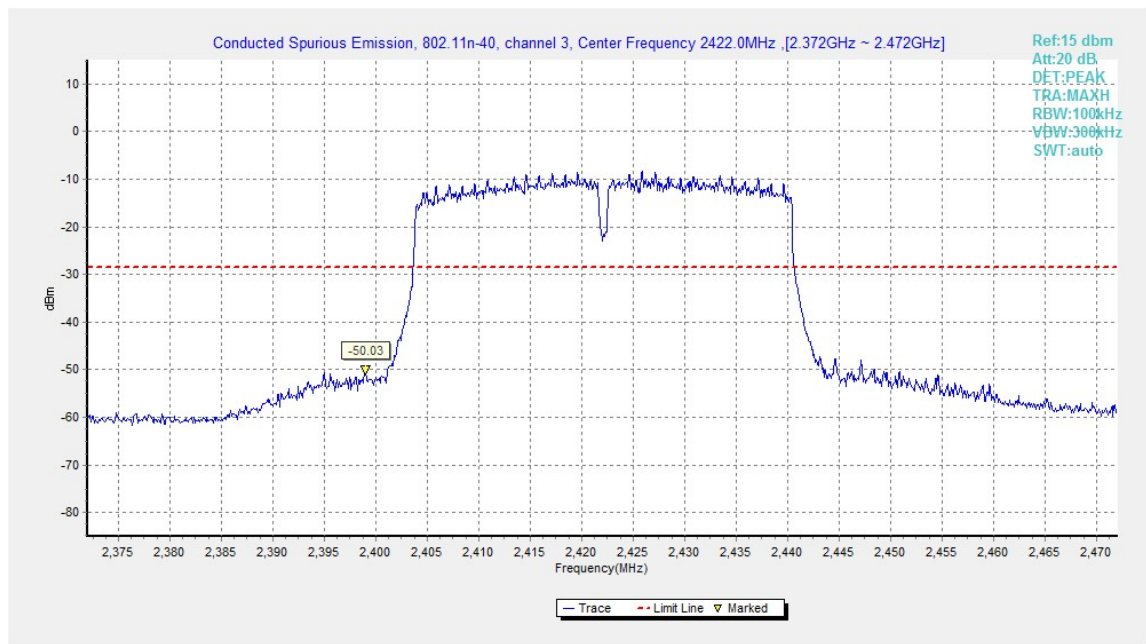


Fig.A.6.1.73 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, Center Frequency)

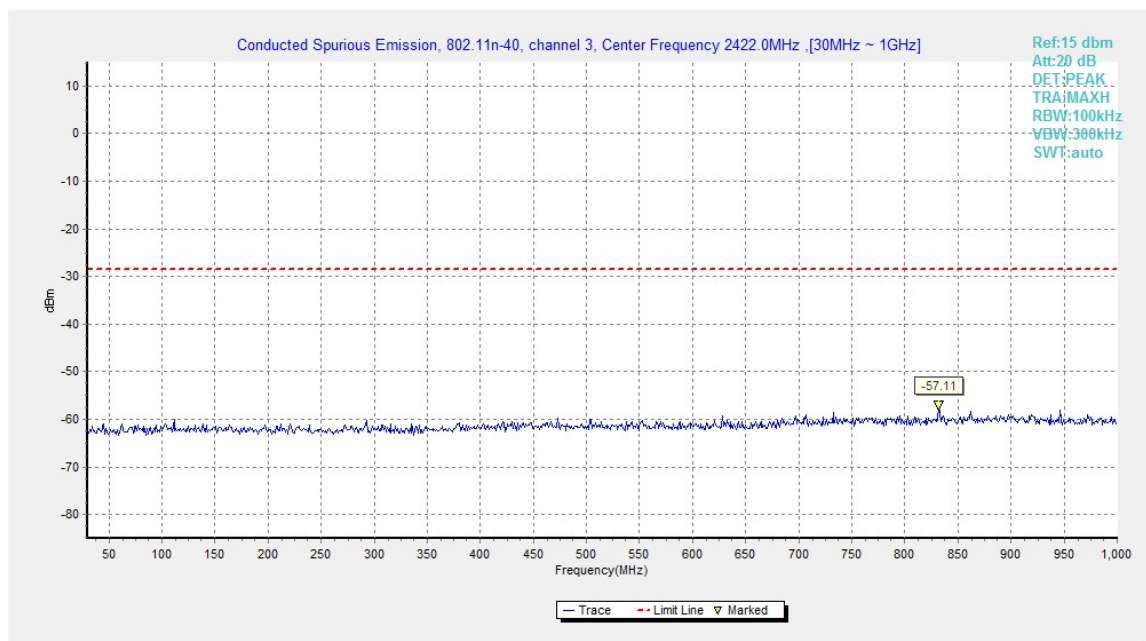


Fig.A.6.1.74 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 30 MHz-1 GHz)

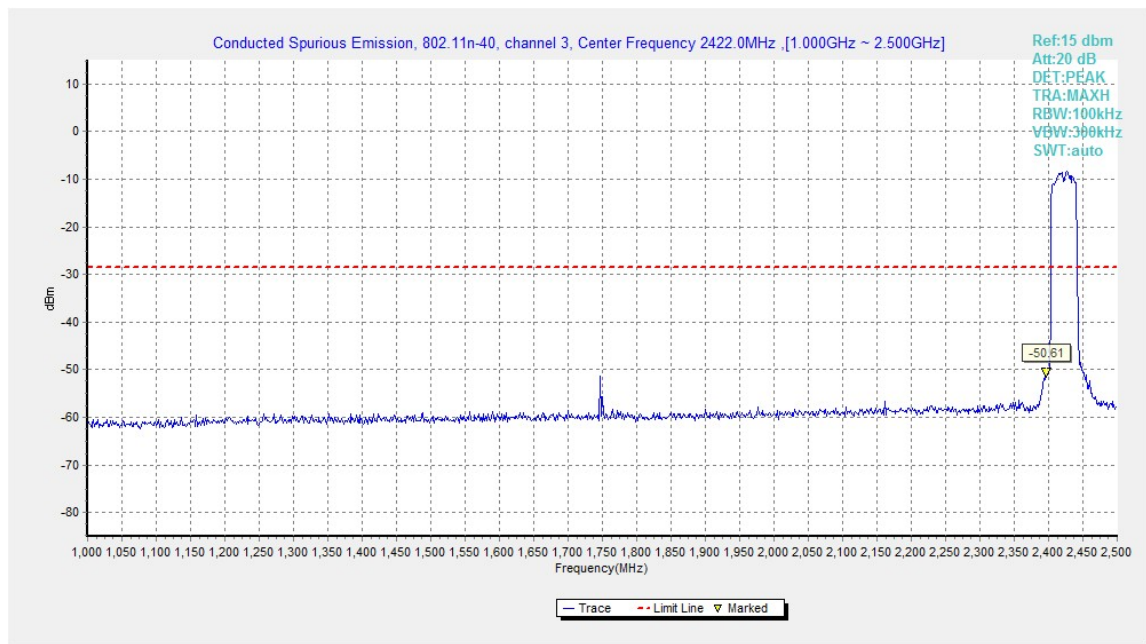


Fig.A.6.1.75 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 1 GHz-2.5 GHz)

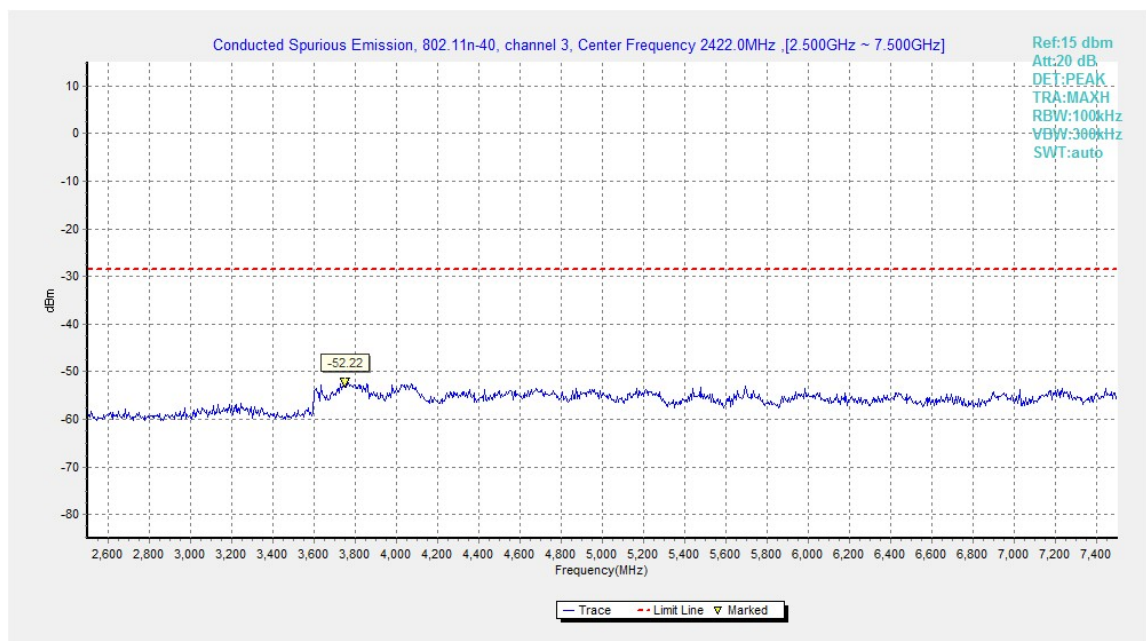


Fig.A.6.1.76 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 2.5 GHz-7.5 GHz)

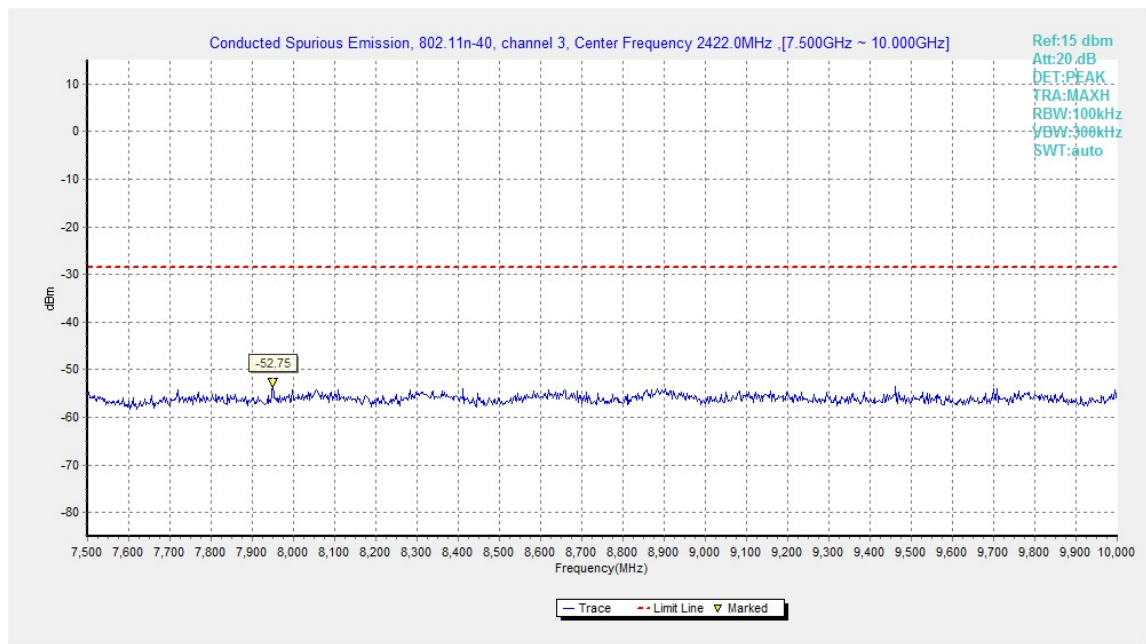


Fig.A.6.1.77 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 7.5 GHz-10 GHz)

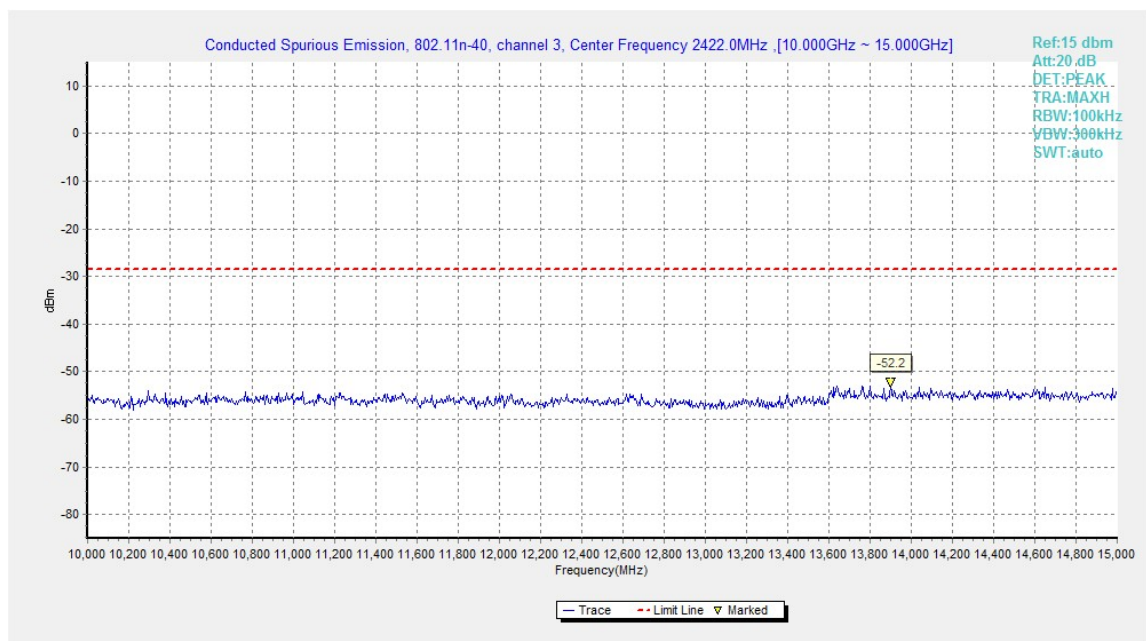


Fig.A.6.1.78 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 10 GHz-15 GHz)

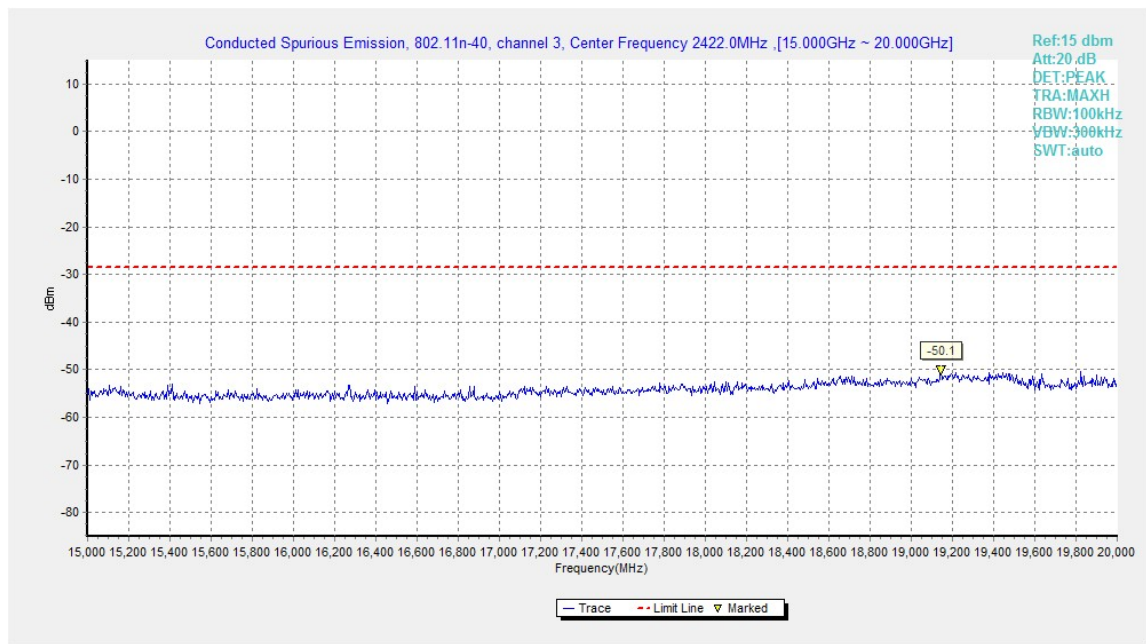


Fig.A.6.1.79 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 15 GHz-20 GHz)

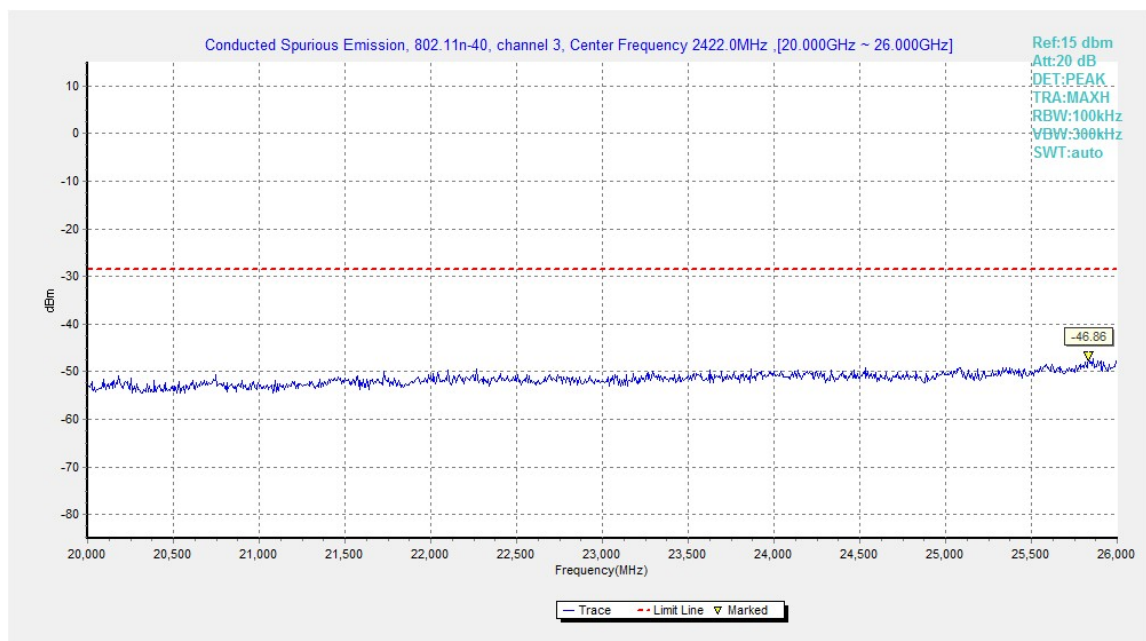


Fig.A.6.1.80 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 20 GHz-26 GHz)

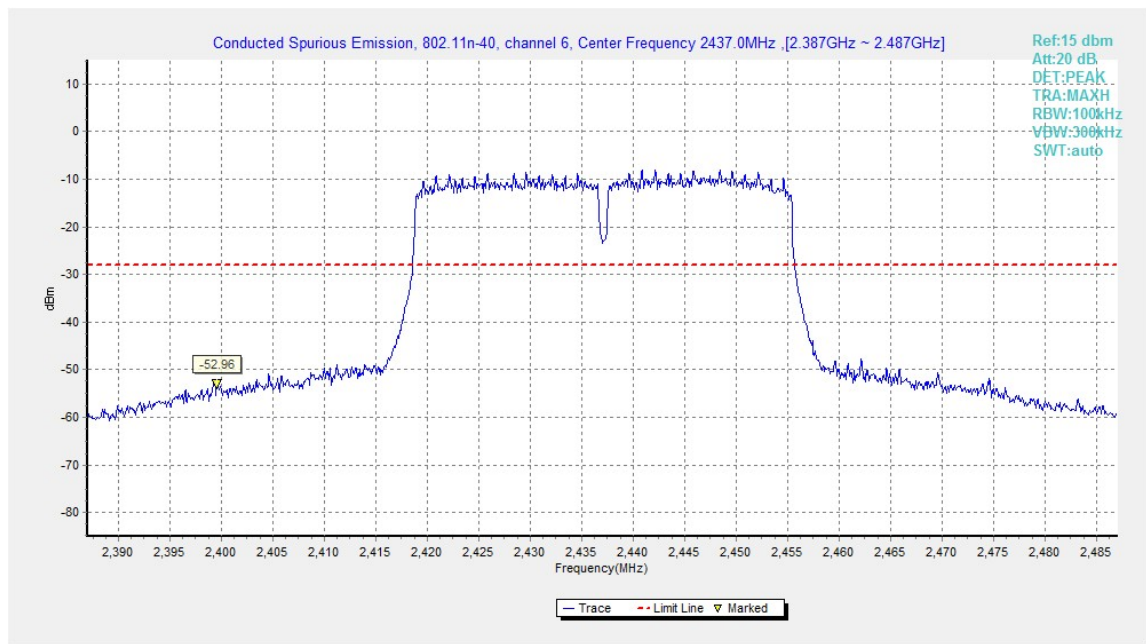


Fig.A.6.1.81 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, Center Frequency)

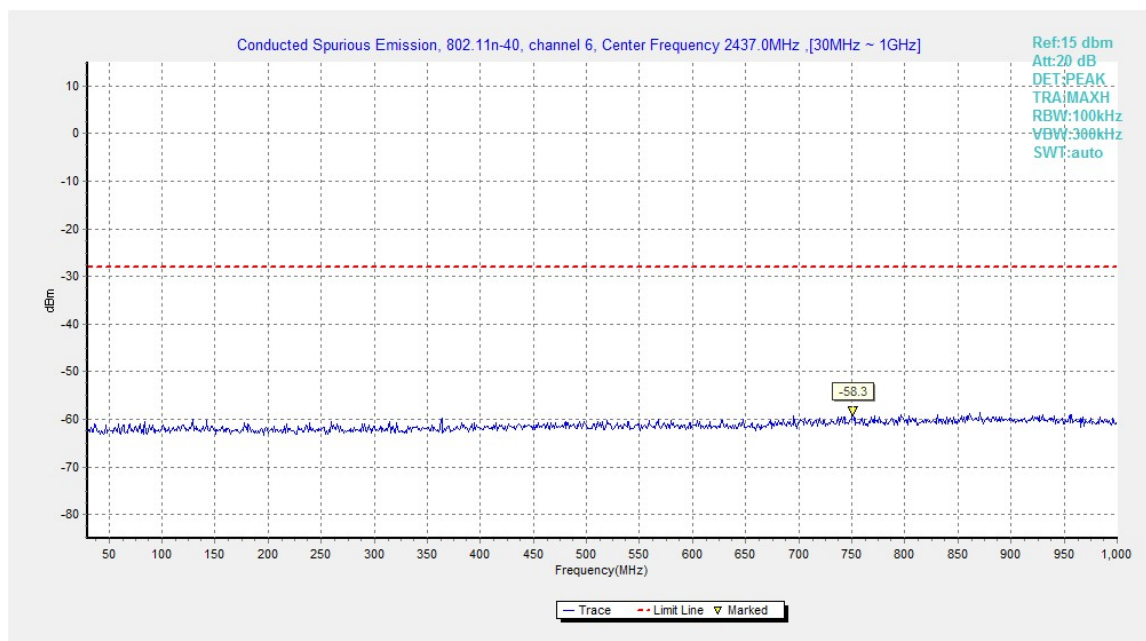


Fig.A.6.1.82 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 30 MHz-1 GHz)

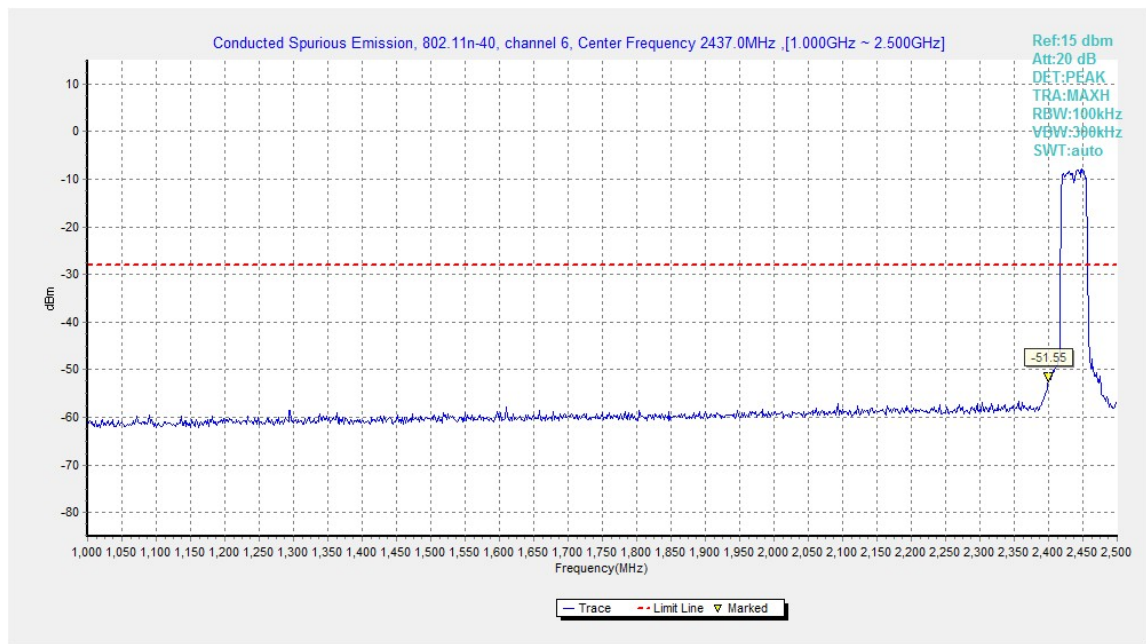


Fig.A.6.1.83 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 1 GHz-2.5 GHz)

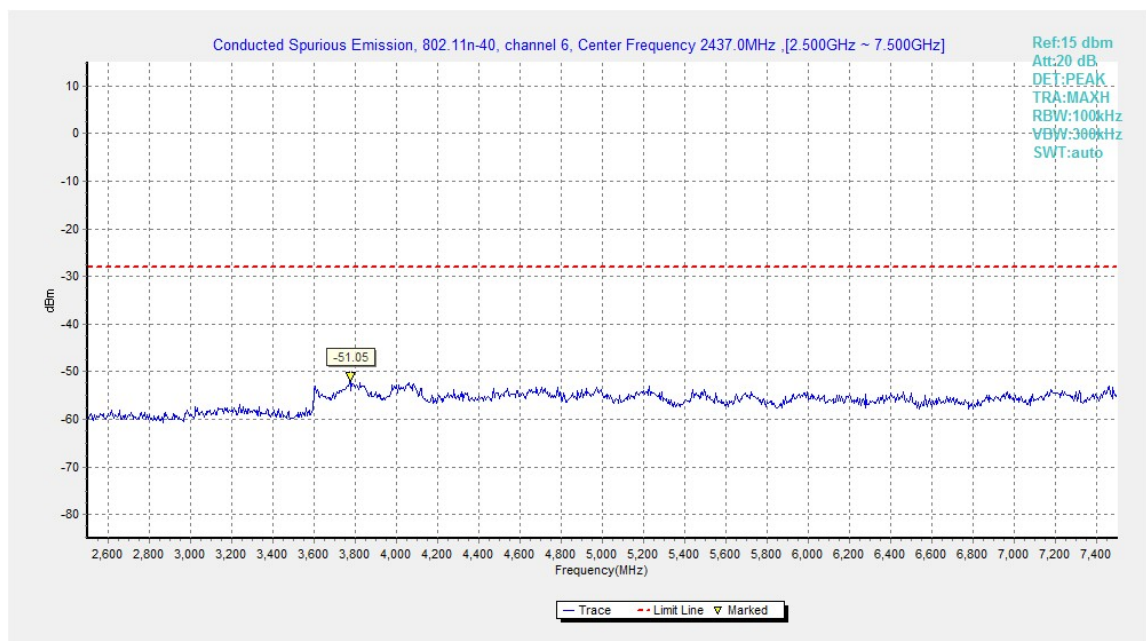


Fig.A.6.1.84 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 2.5 GHz-7.5 GHz)

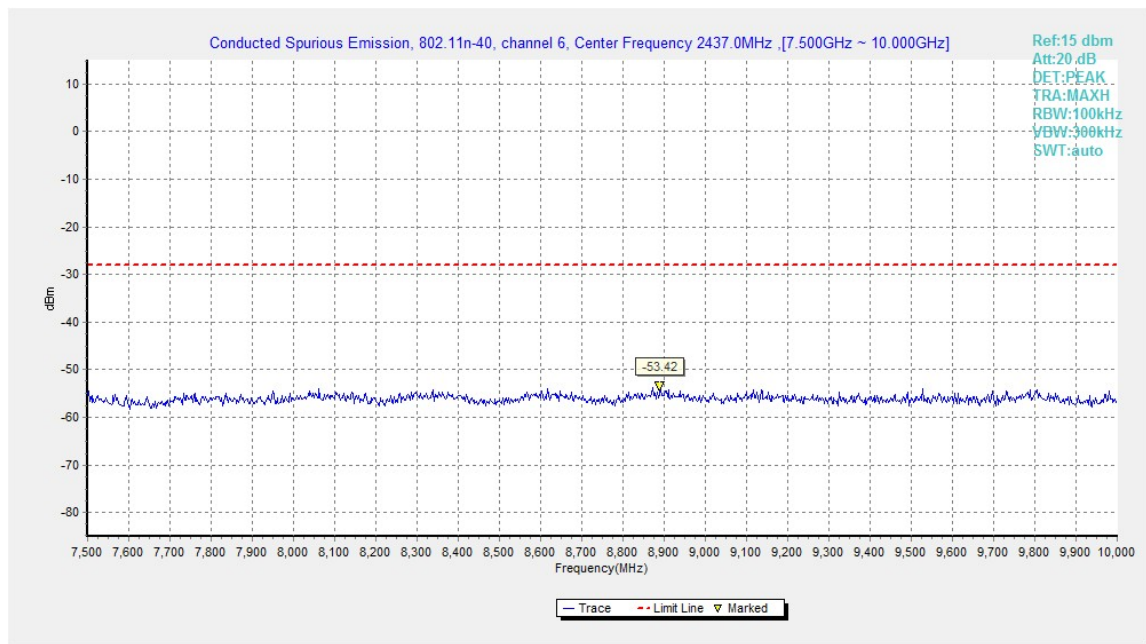


Fig.A.6.1.85 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 7.5 GHz-10 GHz)

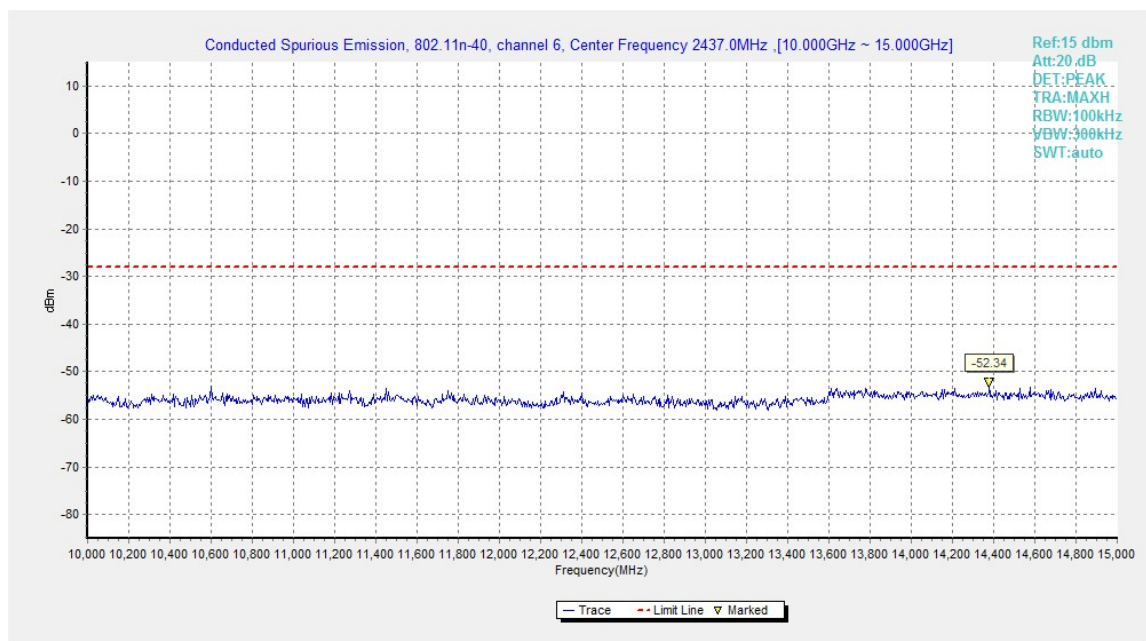


Fig.A.6.1.86 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 10 GHz-15 GHz)

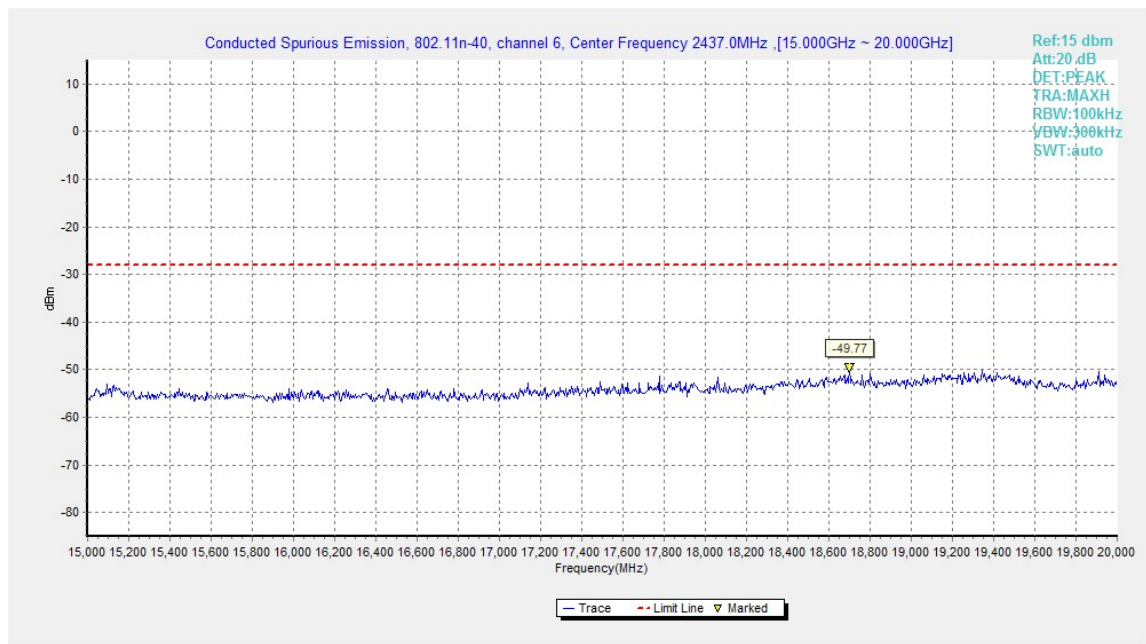


Fig.A.6.1.87 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 15 GHz-20 GHz)

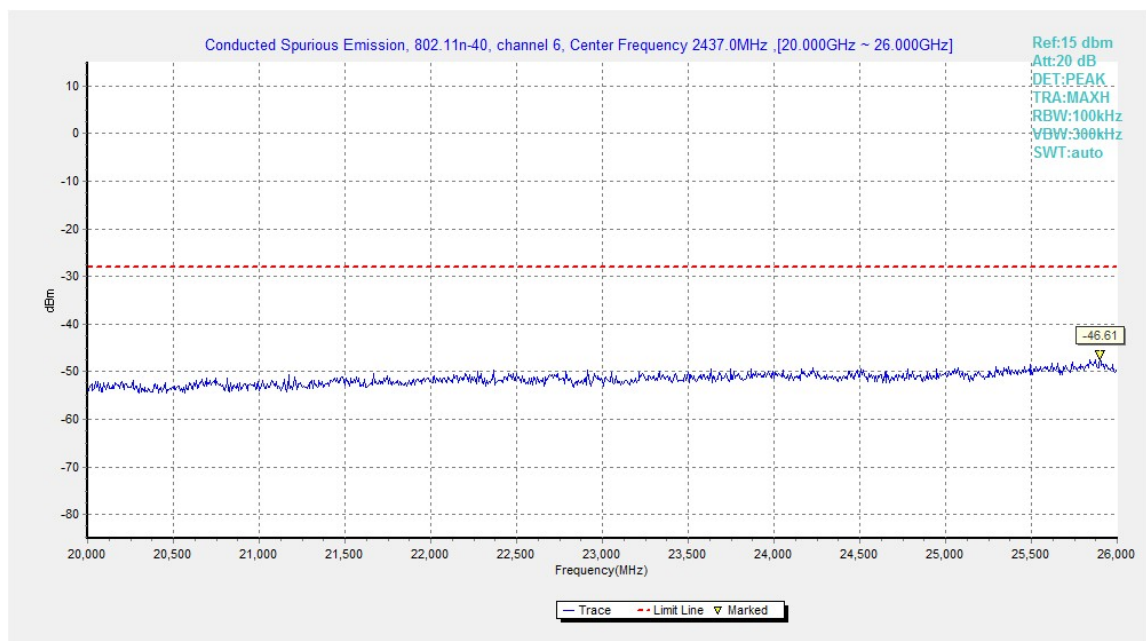


Fig.A.6.1.88 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 20 GHz-26 GHz)

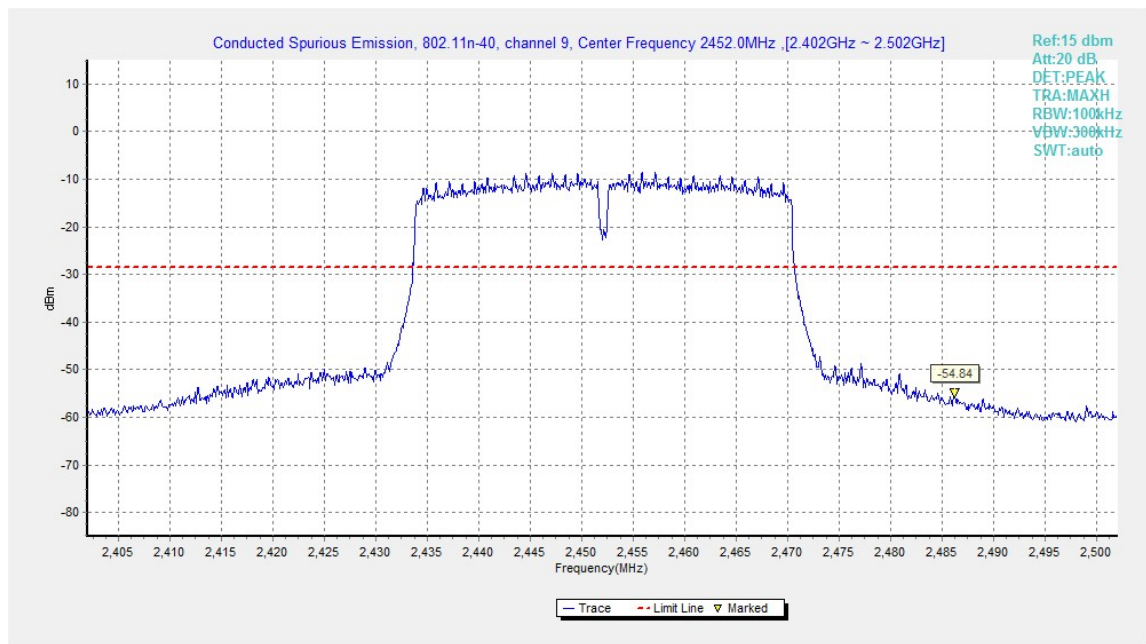


Fig.A.6.1.89 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, Center Frequency)

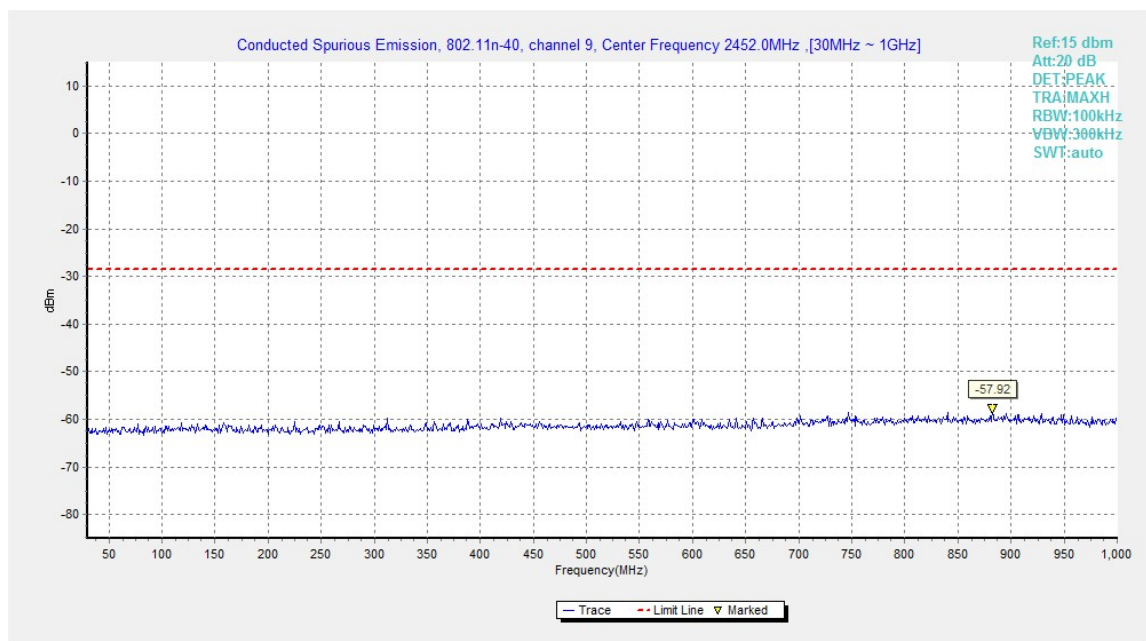


Fig.A.6.1.90 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 30 MHz-1 GHz)

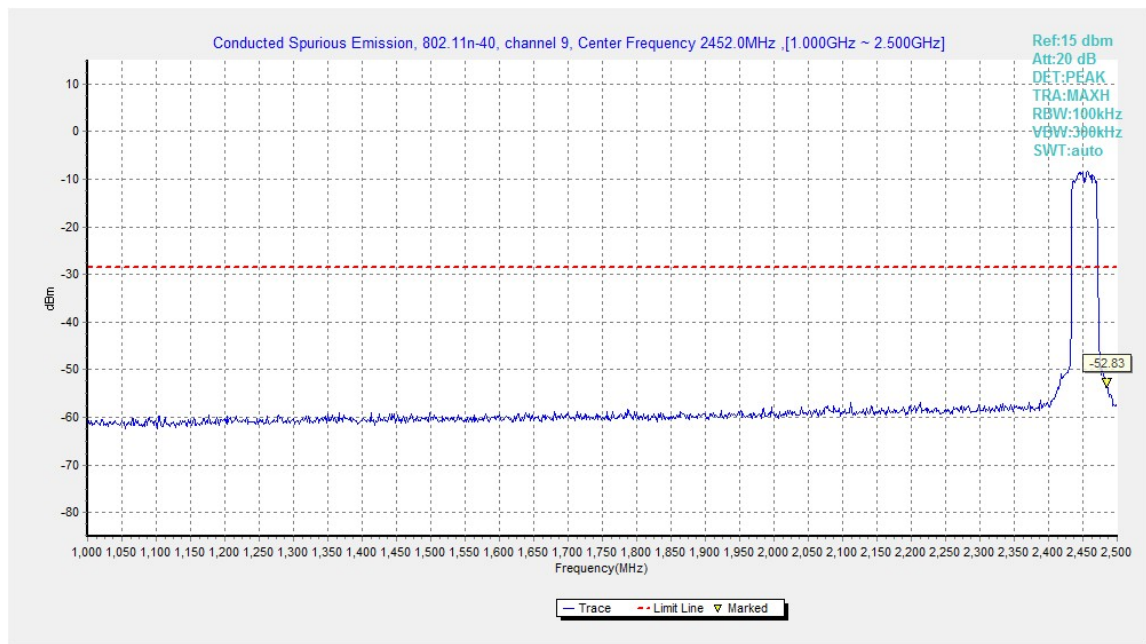


Fig.A.6.1.91 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

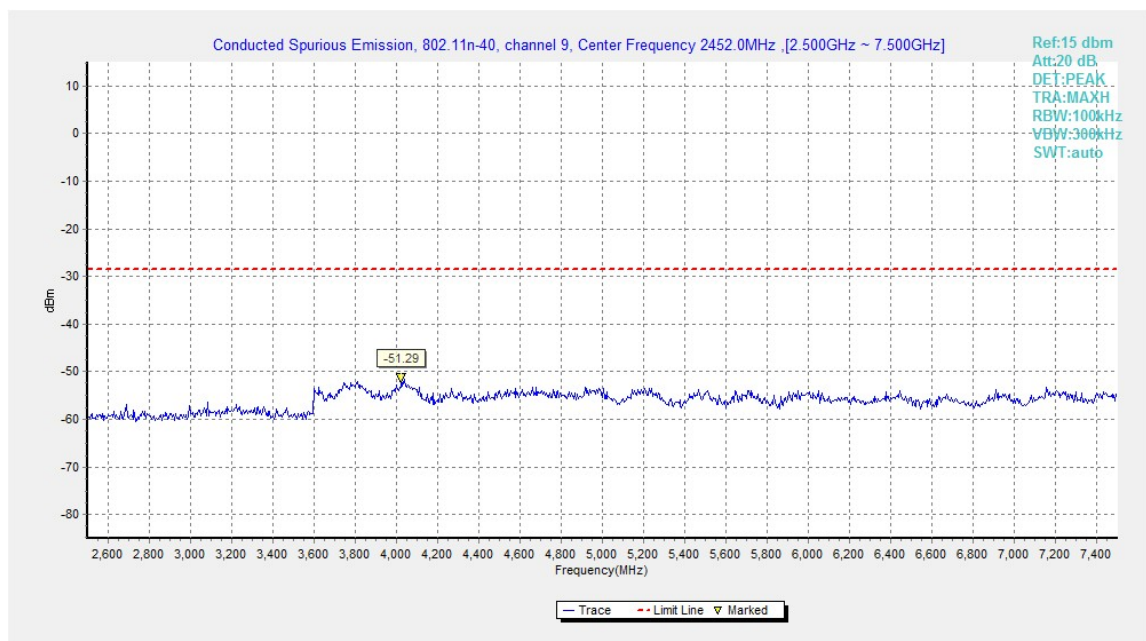


Fig.A.6.1.92 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

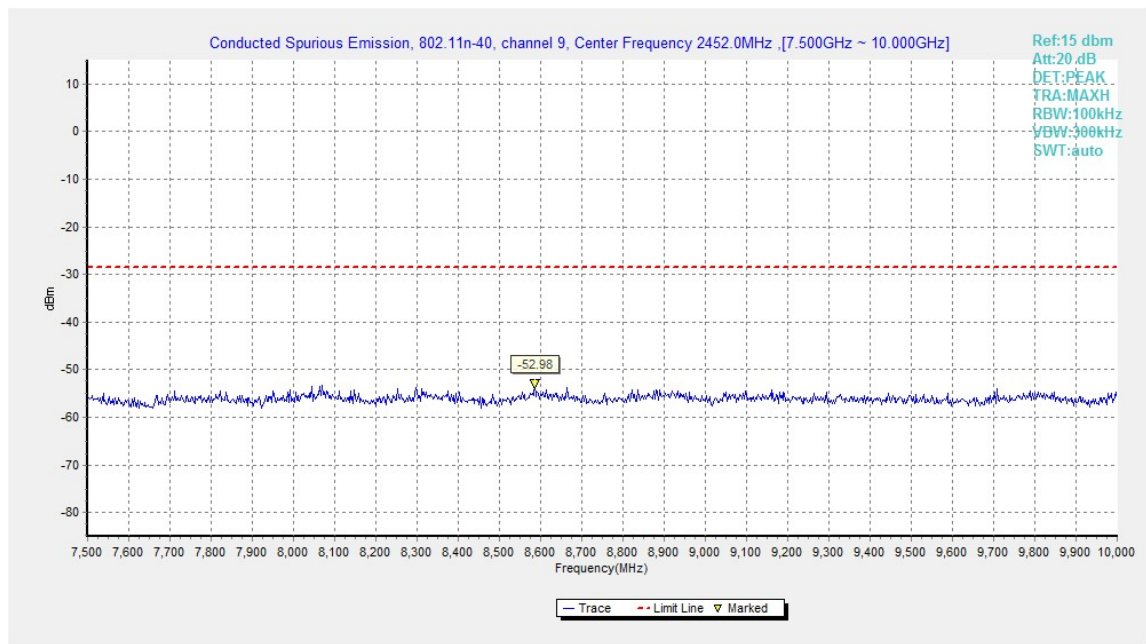


Fig.A.6.1.93 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

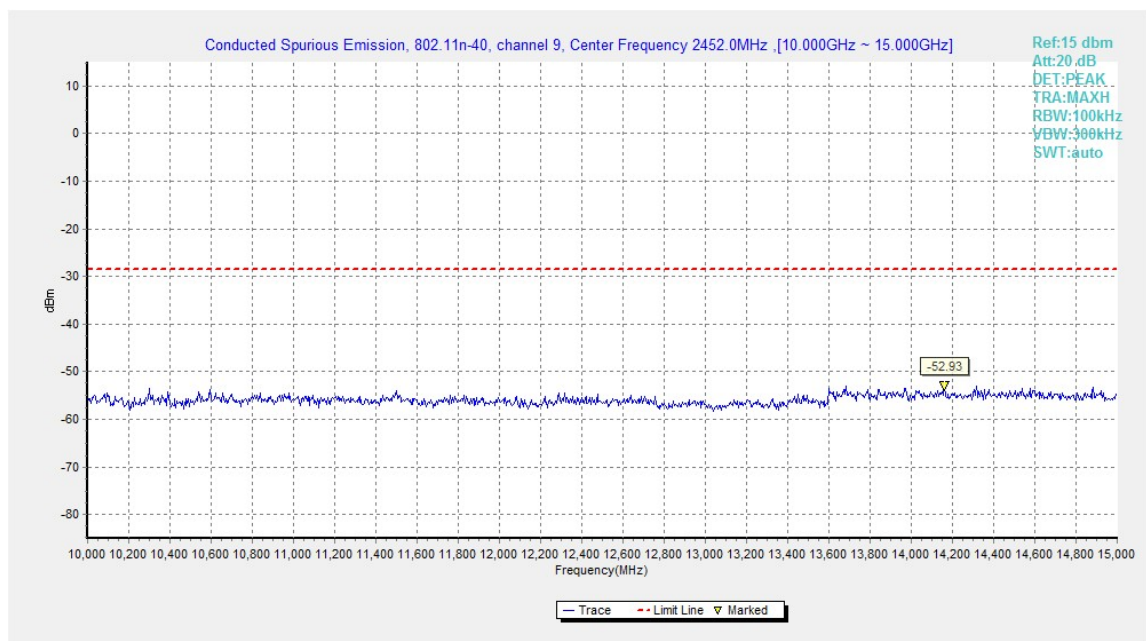


Fig.A.6.1.94 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 10 GHz-15 GHz)

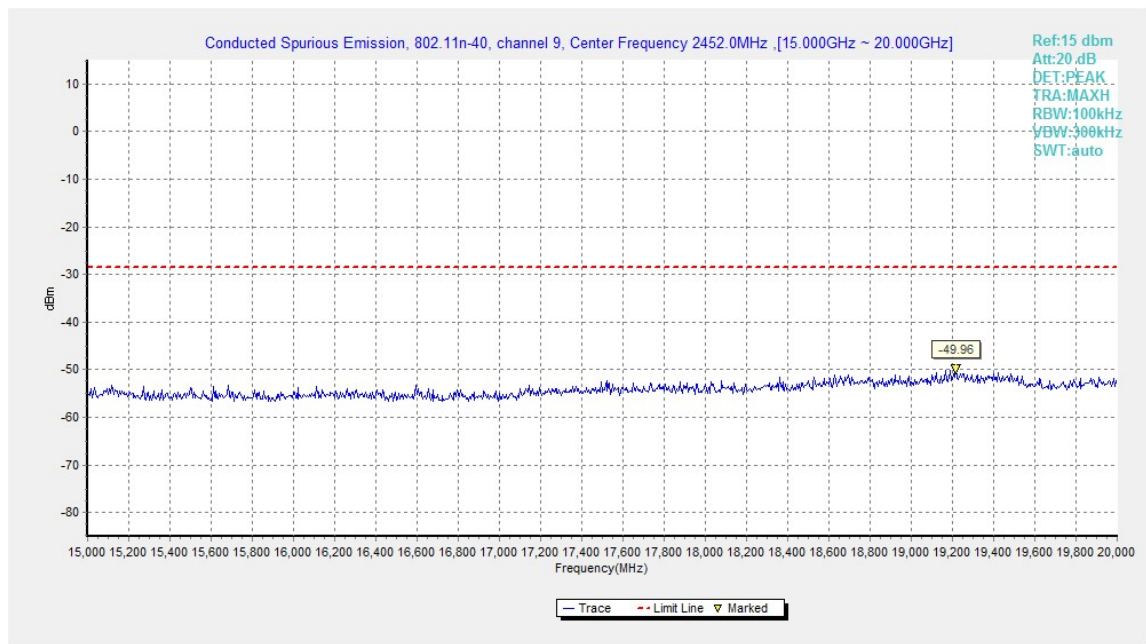


Fig.A.6.1.95 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 15 GHz-20 GHz)

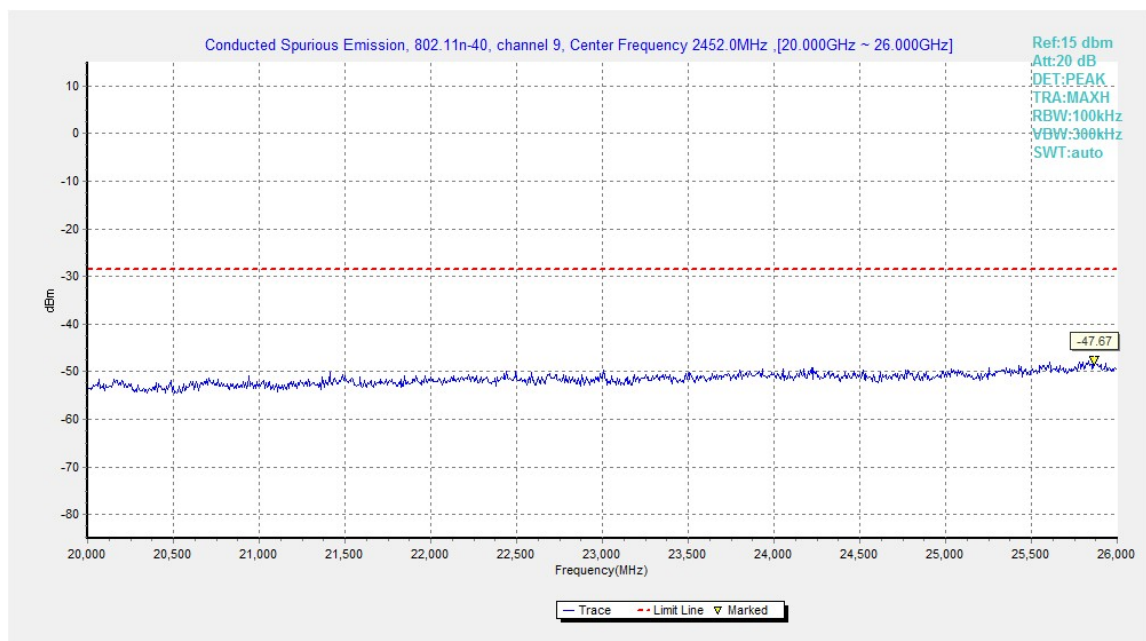


Fig.A.6.1.96 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 20 GHz-26 GHz)

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: 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
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.2	P

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.3	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.4	P

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.5	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.6	P

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.7	P
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.8	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:

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

Peak

802.11b

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization
2387.805	52.8	-14.3	27.2	39.9	H
17871.000	44.6	-5.7	33.8	16.5	H
17988.000	44.5	-5.4	43.4	6.5	V
17833.500	44.5	-5.7	43.4	6.8	H
17895.000	44.4	-5.7	43.4	6.7	H
17422.500	44.4	-5.9	40.1	10.2	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17548.500	45.3	-5.9	43.4	7.8	H
17985.000	44.8	-5.4	33.8	16.4	H
17901.000	44.8	-5.7	43.4	7.1	V
17763.000	44.8	-5.7	43.4	7.1	H
17551.500	44.6	-5.9	43.4	7.1	H
16824.000	44.6	-6.8	38.5	12.9	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2494.485	53.8	-14.4	27.2	41.0	H
17892.000	45.2	-5.7	33.8	17.1	H
17410.500	44.5	-5.9	40.1	10.3	V
17914.500	44.4	-5.4	43.4	6.4	H
17440.500	44.3	-5.9	40.1	10.1	H
17890.500	44.3	-5.7	43.4	6.6	H

802.11g

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2387.410	53.0	-14.3	27.2	40.1	H
17331.000	44.6	-6.5	33.8	17.3	H
17266.500	44.5	-6.5	40.1	10.9	V
17293.500	44.4	-6.5	40.1	10.8	H
17772.000	44.2	-5.7	43.4	6.5	H
17893.500	44.2	-5.7	43.4	6.5	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17758.500	44.6	-5.73803	43.4	6.9	H
17851.500	44.5	-5.73803	33.8	16.4	H
17943.000	44.5	-5.41613	43.4	6.5	V
17863.500	44.3	-5.73803	43.4	6.6	H
17910.000	44.3	-5.73803	43.4	6.6	H
17985.000	44.3	-5.41613	43.4	6.3	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2483.880	53.4	-14.4	27.2	40.6	H
17371.500	45.6	-6.5	33.8	18.3	H
17901.000	44.8	-5.7	43.4	7.1	V
17989.500	44.8	-5.4	43.4	6.8	H
17485.500	44.5	-5.9	40.1	10.3	H
17127.000	44.5	-6.3	40.1	10.7	H

802.11n-HT20

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2484.020	52.6	-14.4	27.2	39.8	H
17599.500	45.9	-6.9	33.8	19.0	H
17440.500	44.9	-5.9	40.1	10.7	V
17791.500	44.8	-5.7	43.4	7.1	H
17878.500	44.6	-5.7	43.4	6.9	H
17901.000	44.5	-5.7	43.4	6.8	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17683.500	44.6	-6.9	43.4	8.1	H
17983.500	44.5	-5.4	33.8	16.1	H
17506.500	44.5	-5.9	43.4	7.0	V
17389.500	44.4	-5.9	40.1	10.2	H
17973.000	44.3	-5.4	43.4	6.3	H
17760.000	44.3	-5.7	43.4	6.6	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2483.575	72.9	-14.4	32.2	55.1	H
17946.000	52.6	-5.4	33.8	24.2	H
17914.500	52.3	-5.4	33.8	23.9	V
17826.000	52.1	-5.7	33.8	24.0	H
17997.000	52.0	-5.4	33.8	23.6	H
17911.500	52.0	-5.7	33.8	23.9	H

802.11n-HT40

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2387.120	52.6	-14.3	27.2	39.7	H
17836.500	44.6	-5.7	33.8	16.5	H
17982.000	44.5	-5.4	43.4	6.5	V
17857.500	44.5	-5.7	43.4	6.8	H
17931.000	44.5	-5.4	43.4	6.5	H
17502.000	44.4	-5.9	43.4	6.9	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17727.000	45.0	-6.9	43.4	8.5	H
17904.000	44.9	-5.7	33.8	16.8	H
17871.000	44.8	-5.7	43.4	7.1	V
17619.000	44.8	-6.9	43.4	8.3	H
17575.500	44.8	-6.9	43.4	8.3	H
17461.500	44.7	-5.9	40.1	10.5	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2486.750	53.0	-14.4	27.2	40.2	H
17443.500	45.2	-5.9	33.8	17.3	H
17611.500	45.0	-6.9	43.4	8.5	V
17823.000	44.9	-5.7	43.4	7.2	H
17538.000	44.8	-5.9	43.4	7.3	H
17367.000	44.6	-6.5	40.1	11.0	H

Average
802.11b

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2388.420	39.8	-14.3	27.2	26.9	H
3529.500	35.2	-18.2	33.8	19.6	H
3486.000	32.7	-18.4	30.1	21.0	V
17967.000	32.1	-5.4	43.4	-5.9	H
17794.500	32.0	-5.7	43.4	-5.7	H
17620.500	31.9	-6.9	43.4	-4.6	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17976.000	32.6	-5.4	43.4	-5.4	H
17821.500	32.5	-5.7	33.8	4.4	H
17982.000	32.5	-5.4	43.4	-5.5	V
17965.500	32.5	-5.4	43.4	-5.5	H
17869.500	32.5	-5.7	43.4	-5.2	H
17983.500	32.5	-5.4	43.4	-5.5	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2484.055	39.7	-14.3628	27.2	26.9	H
17961.000	32.2	-5.41613	33.8	3.8	H
17962.500	32.1	-5.41613	43.4	-5.9	V
17980.500	32.1	-5.41613	43.4	-5.9	H
17956.500	32.1	-5.41613	43.4	-5.9	H
17973.000	32.1	-5.41613	43.4	-5.9	H

802.11g

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2387.870	40.2	-14.3	27.2	27.3	H
17974.500	32.3	-5.4	33.8	3.9	H
17815.500	32.2	-5.7	43.4	-5.5	V
17965.500	32.1	-5.4	43.4	-5.9	H
17959.500	32.1	-5.4	43.4	-5.9	H
17851.500	32.1	-5.7	43.4	-5.6	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17881.500	32.3	-5.7	43.4	-5.4	H
17821.500	32.2	-5.7	33.8	4.1	H
17478.000	32.2	-5.9	40.1	-2.0	V
17971.500	32.1	-5.4	43.4	-5.9	H
17980.500	32.1	-5.4	43.4	-5.9	H
17961.000	32.1	-5.4	43.4	-5.9	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2483.955	40.4	-14.4	27.2	27.6	H
17845.500	32.5	-5.7	33.8	4.4	H
17991.000	32.4	-5.4	43.4	-5.6	V
17959.500	32.4	-5.4	43.4	-5.6	H
17869.500	32.4	-5.7	43.4	-5.3	H
17803.500	32.4	-5.7	43.4	-5.3	H

802.11n-HT20

Ch1

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2386.120	40.0	-14.3	27.2	27.1	H
3495.000	34.7	-18.4	33.8	19.3	H
18000.000	32.4	-6.5	46.4	-7.5	V
17826.000	32.4	-5.7	43.4	-5.3	H
17977.500	32.4	-5.4	43.4	-5.6	H
17800.500	32.3	-5.7	43.4	-5.4	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2486.000	35.8	-18.4	30.1	24.1	H
17985.000	32.4	-5.4	33.8	4.0	H
17805.000	32.4	-5.7	43.4	-5.3	V
17977.500	32.3	-5.4	43.4	-5.7	H
17434.500	32.3	-5.9	40.1	-1.9	H
17865.000	32.3	-5.7	43.4	-5.4	H

Ch11

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2485.385	40.0	-14.4	27.2	27.2	H
3529.500	37.3	-18.2	33.8	21.7	H
17988.000	32.4	-5.4	43.4	-5.6	V
17826.000	32.4	-5.7	43.4	-5.3	H
17829.000	32.3	-5.7	43.4	-5.4	H
17989.500	32.3	-5.4	43.4	-5.7	H

802.11n-HT40

Ch3

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2388.625	40.1	-14.3	27.2	27.2	H
17508.000	32.5	-5.9	33.8	4.6	H
17776.500	32.4	-5.7	43.4	-5.3	V
17808.000	32.3	-5.7	43.4	-5.4	H
17857.500	32.3	-5.7	43.4	-5.4	H
17446.500	32.3	-5.9	40.1	-1.9	H

Ch6

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
17974.500	45.0	-5.4	43.4	7.0	H
17781.000	44.9	-5.7	33.8	16.8	H
17481.000	44.8	-5.9	40.1	10.6	V
17818.500	44.8	-5.7	43.4	7.1	H
17445.000	44.8	-5.9	40.1	10.6	H
17871.000	44.7	-5.7	43.4	7.0	H

Ch9

Frequency(MHz)	Result (dBuV/m)	Cable Loss(dB)	Antenna Factor	P _{Mea} (dBuV/m)	Polarization
2493.470	39.7	-14.4	27.2	26.9	H
17482.500	32.5	-5.9	33.8	4.6	H
17898.000	32.4	-5.7	43.4	-5.3	V
17982.000	32.4	-5.4	43.4	-5.6	H
17458.500	32.4	-5.9	40.1	-1.8	H
17974.500	32.4	-5.4	43.4	-5.6	H

Test graphs as below:

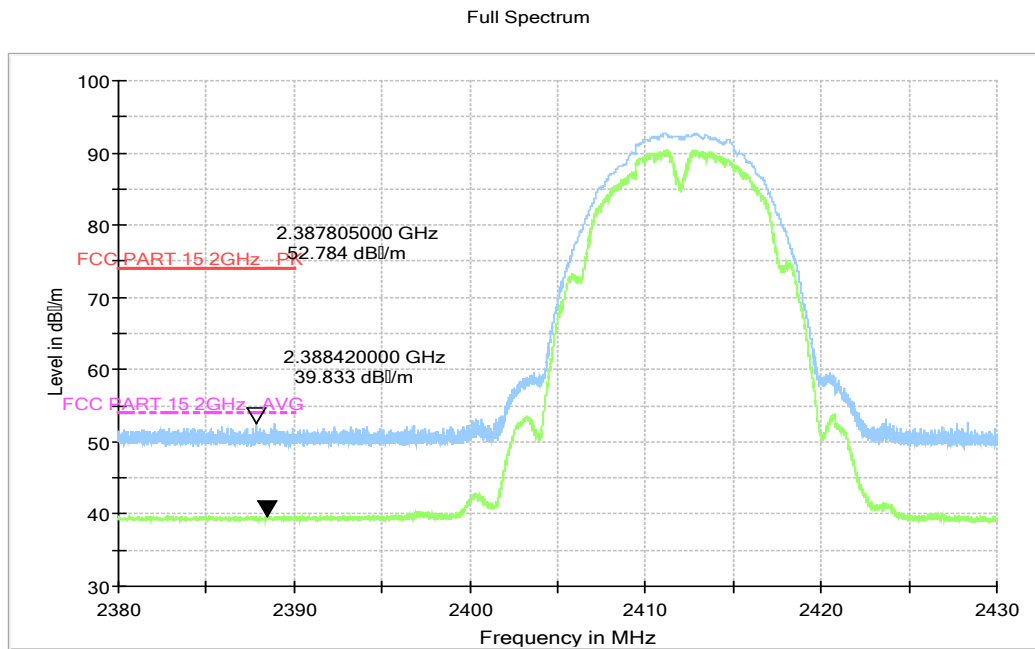


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.38 GHz - 2.45GHz

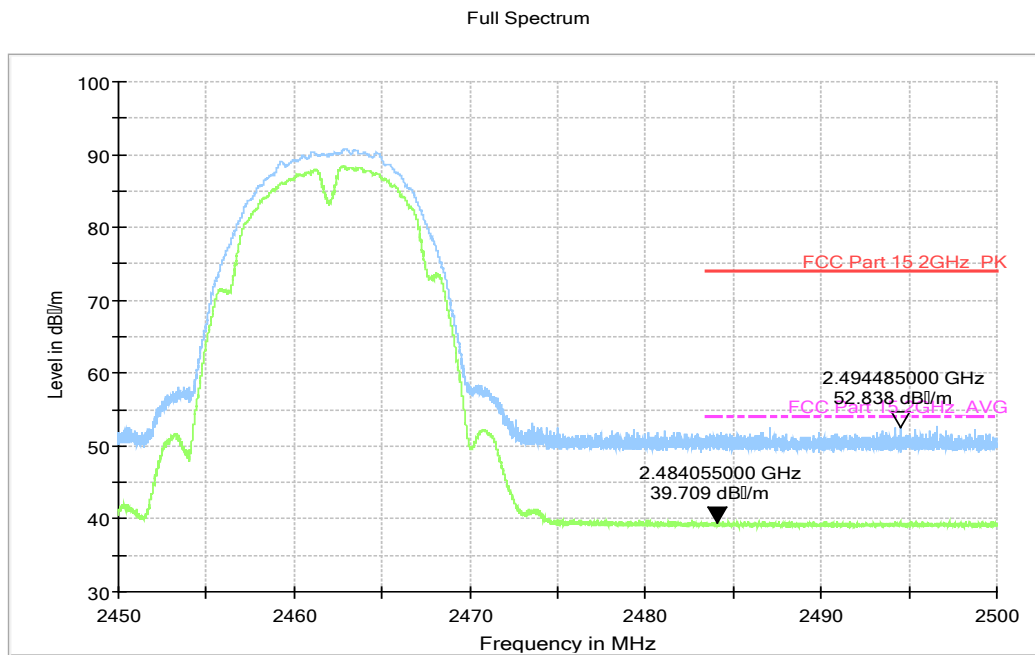


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

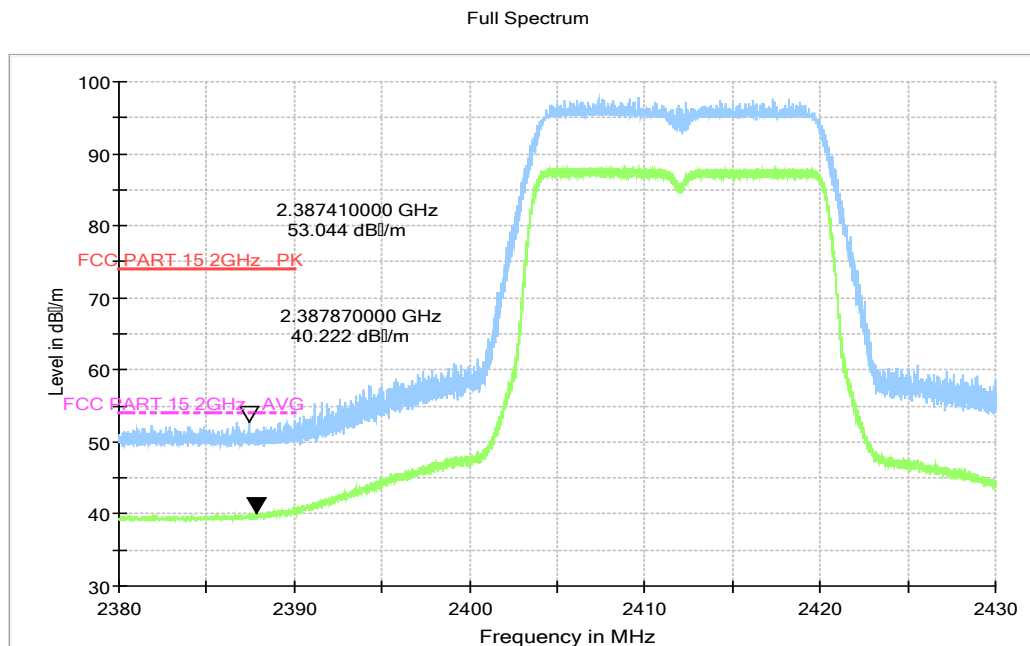


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.38 GHz - 2.45GHz

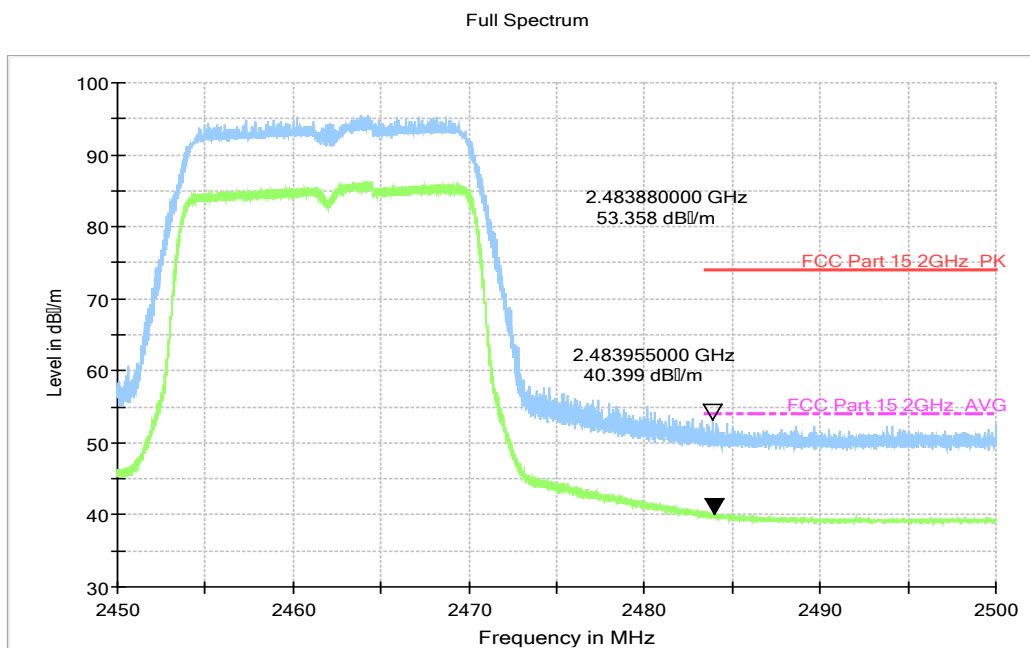
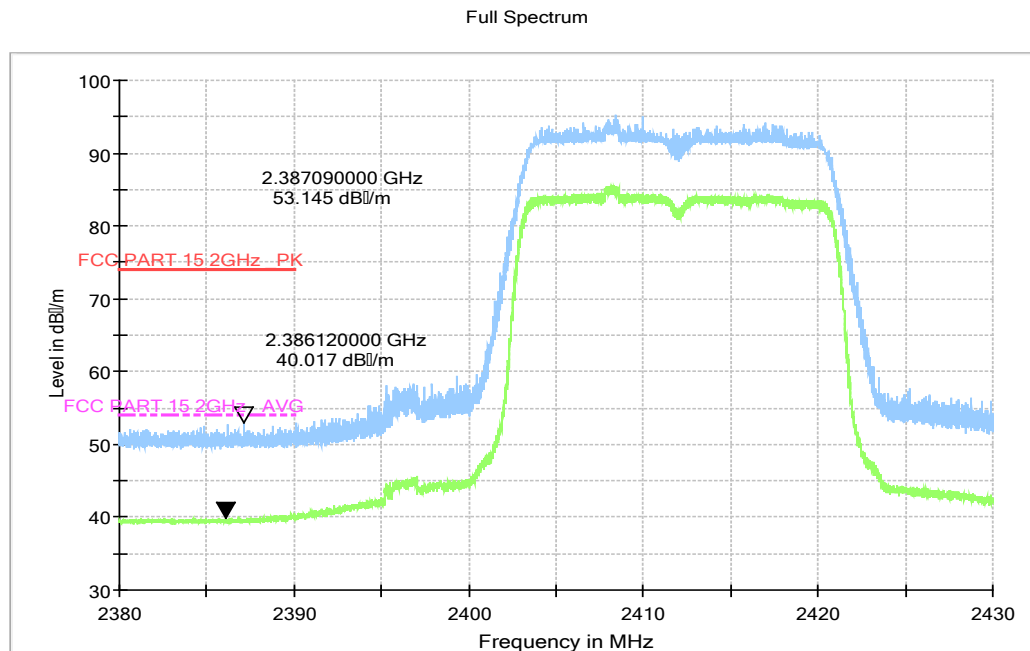
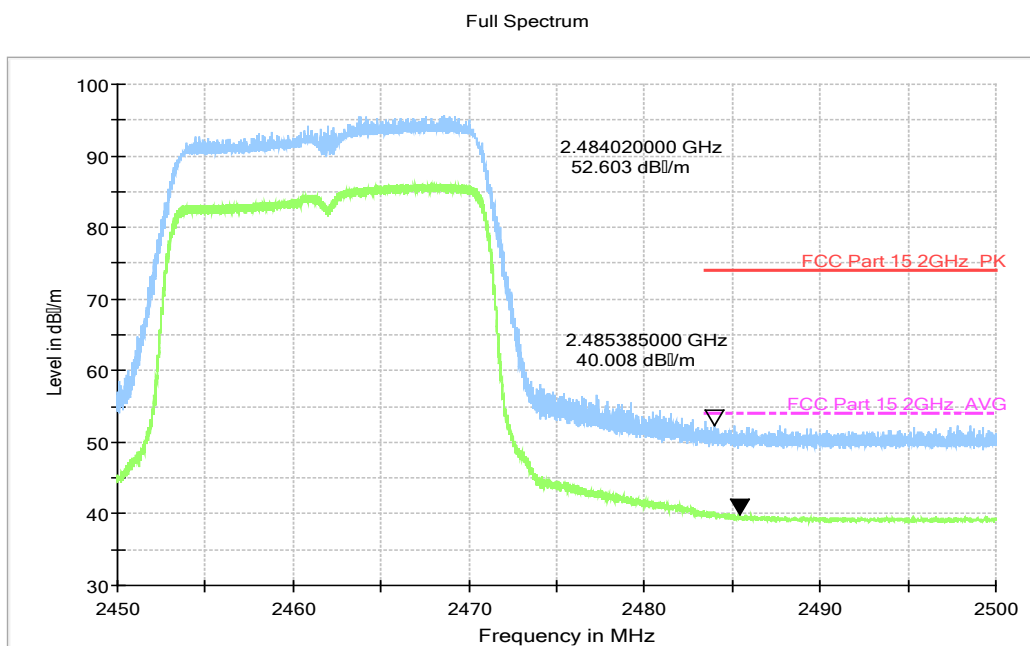


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz



**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**

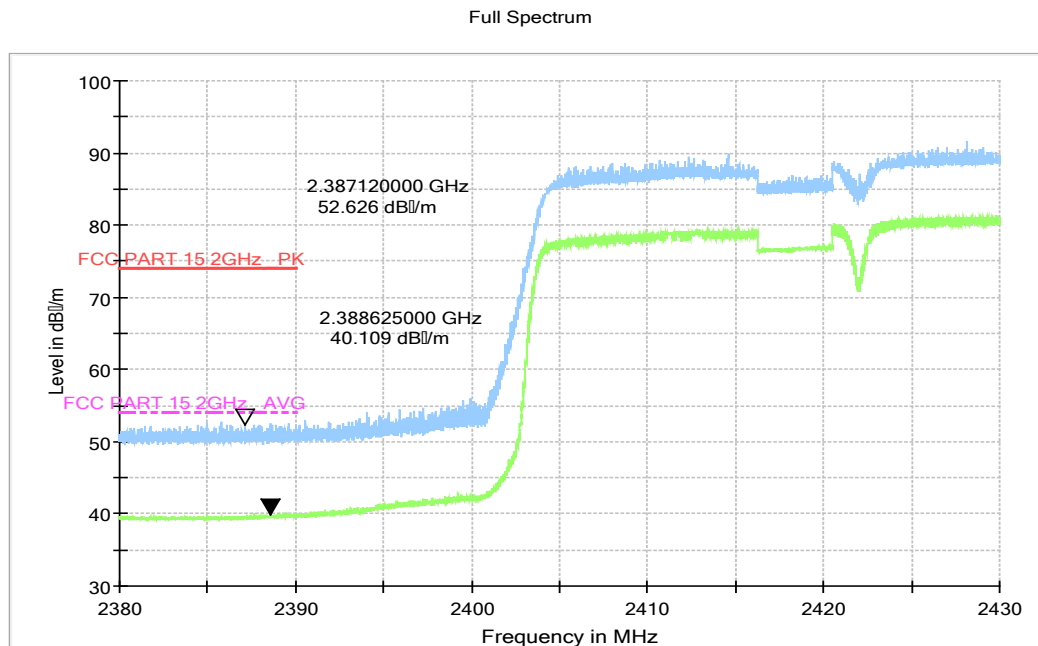


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch3, 2.38 GHz - 2.45GHz

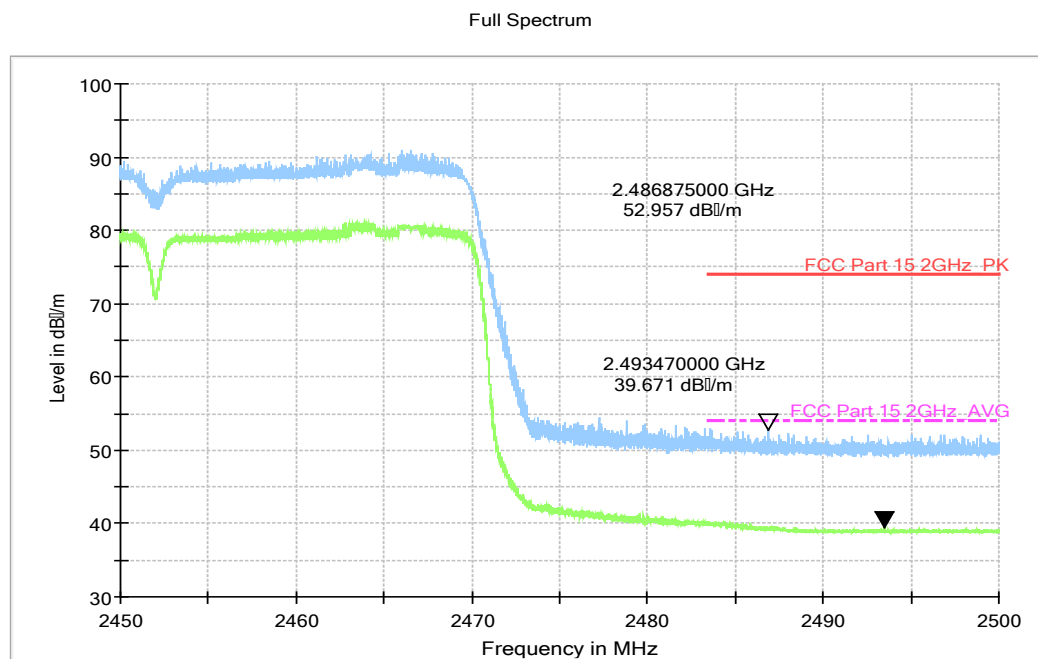


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

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	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:

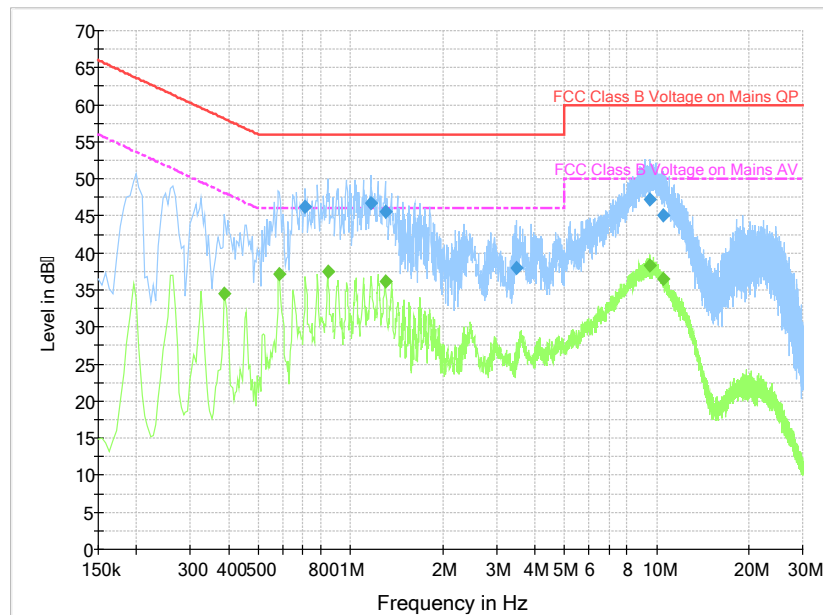


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

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)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.712500	46.2	GND	L1	19.8	9.8	56.0
1.162500	46.8	GND	L1	19.6	9.2	56.0
1.297500	45.6	GND	L1	19.6	10.4	56.0
3.475500	37.9	GND	L1	19.7	18.1	56.0
9.514500	47.3	GND	L1	19.8	12.7	60.0
10.554000	45.1	GND	L1	19.8	14.9	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.388500	34.6	GND	N	19.9	13.5	48.1
0.586500	37.1	GND	N	19.9	8.9	46.0
0.843000	37.5	GND	L1	19.7	8.5	46.0
1.297500	36.1	GND	L1	19.6	9.9	46.0
9.519000	38.3	GND	L1	19.8	11.7	50.0
10.509000	36.4	GND	L1	19.8	13.6	50.0

Note: The measurement result showed here are worst cases of the combinations of different chargers and USB cables.

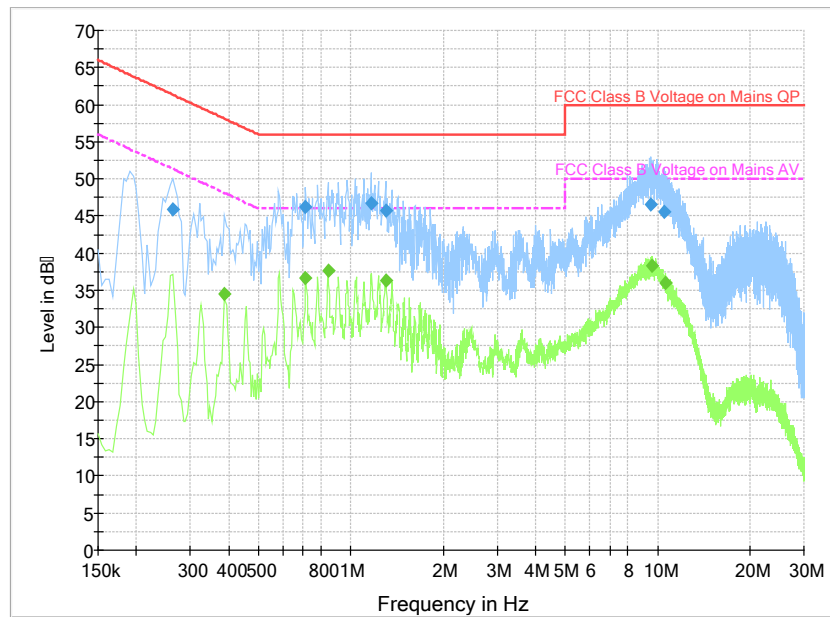


Fig.A.7.2 AC Powerline Conducted Emission-Iidle

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)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.262500	45.9	GND	L1	19.8	15.5	61.4
0.712500	46.3	GND	L1	19.8	9.7	56.0
1.162500	46.7	GND	L1	19.6	9.3	56.0
1.297500	45.7	GND	L1	19.6	10.3	56.0
9.537000	46.6	GND	L1	19.8	13.4	60.0
10.500000	45.6	GND	L1	19.8	14.4	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.388500	34.5	GND	N	19.9	13.6	48.1
0.712500	36.6	GND	L1	19.8	9.4	46.0
0.843000	37.7	GND	L1	19.7	8.3	46.0
1.297500	36.3	GND	L1	19.6	9.7	46.0
9.582000	38.3	GND	L1	19.8	11.7	50.0
10.585500	35.9	GND	L1	19.8	14.1	50.0

Note: The measurement result showed here are worst cases of the combinations of different chargers and USB cables.

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		
<i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i>		
Electromagnetic Compatibility & Telecommunications		
<i>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 Communiqué dated January 2009).</i>		
2018-09-28 through 2019-09-30 <i>Effective Dates</i>		 <i>For the National Voluntary Laboratory Accreditation Program</i>

END OF REPORT