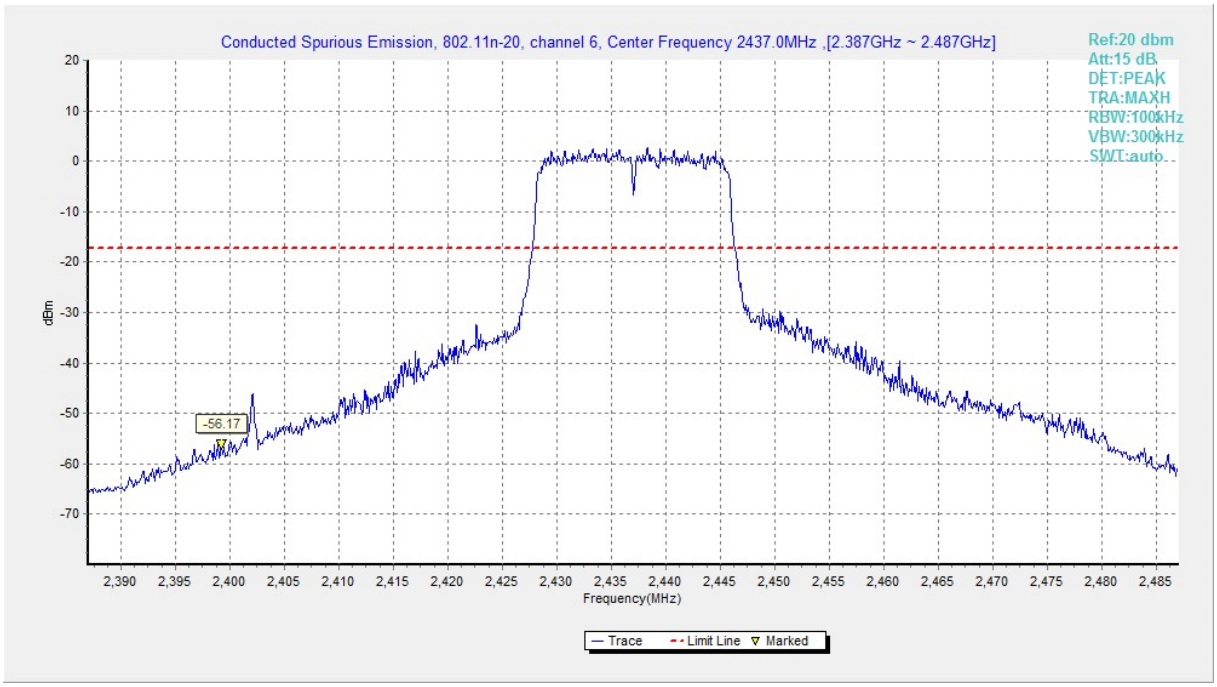


Fig.A.6.1.57 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, Center Frequency)

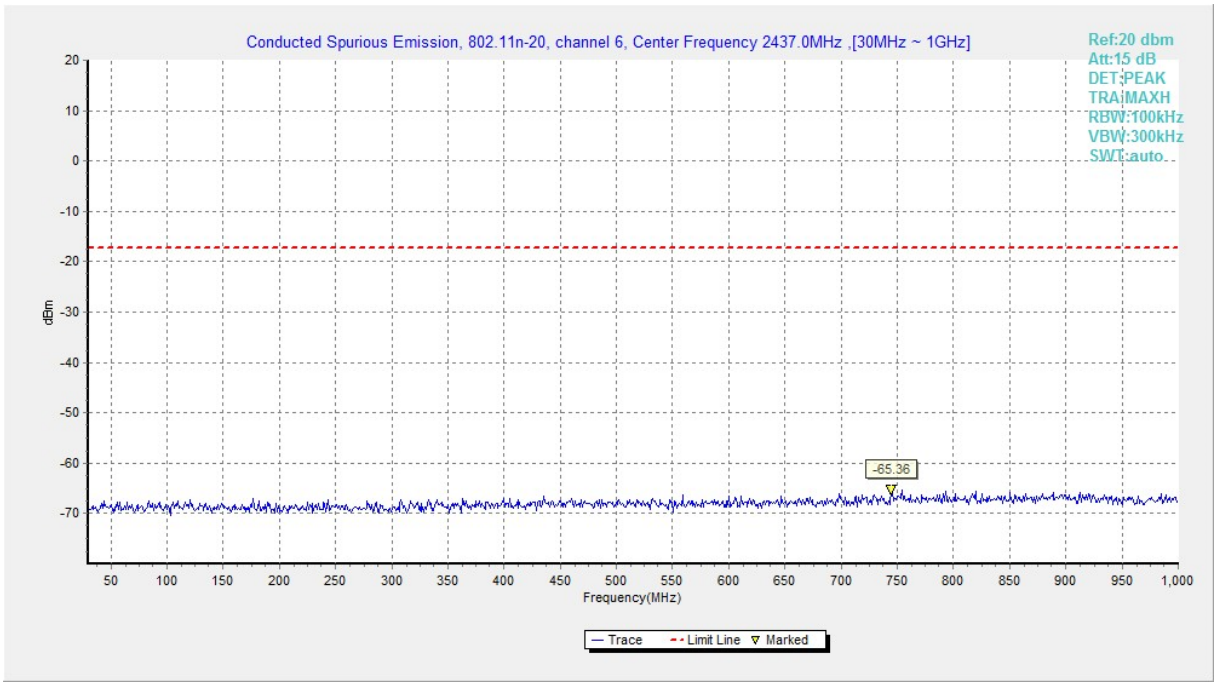


Fig.A.6.1.58 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 30 MHz-1 GHz)

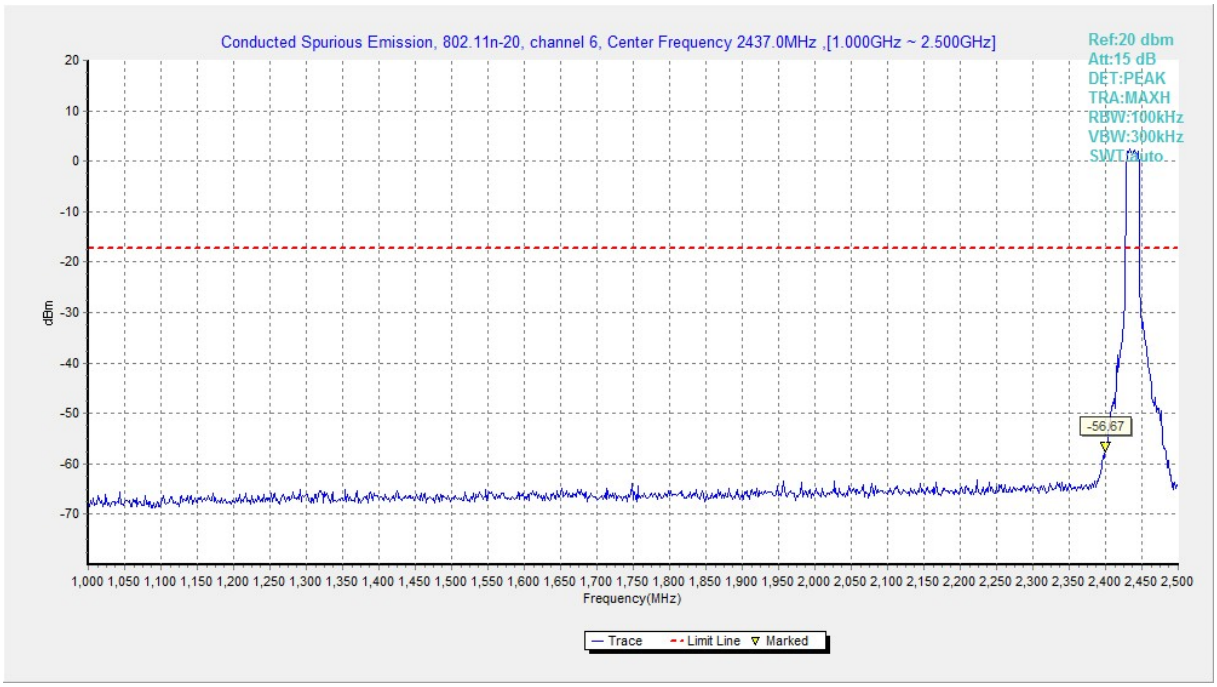


Fig.A.6.1.59 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 1 GHz-2.5 GHz)

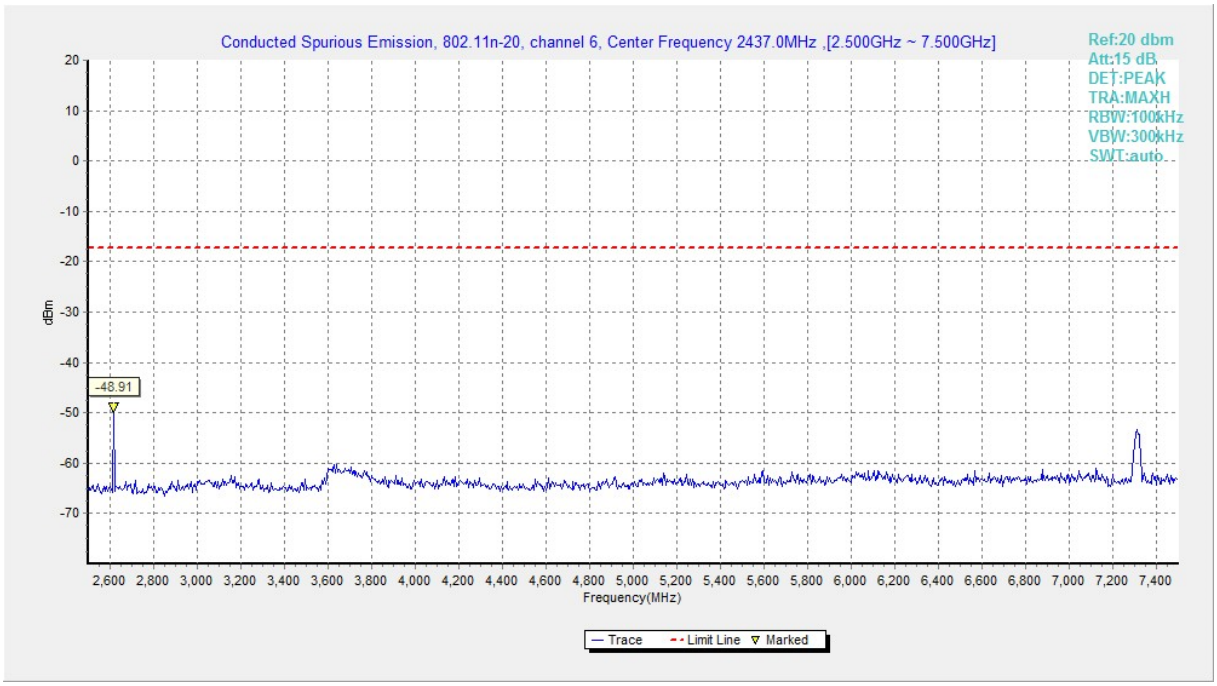


Fig.A.6.1.60 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 2.5 GHz-7.5 GHz)

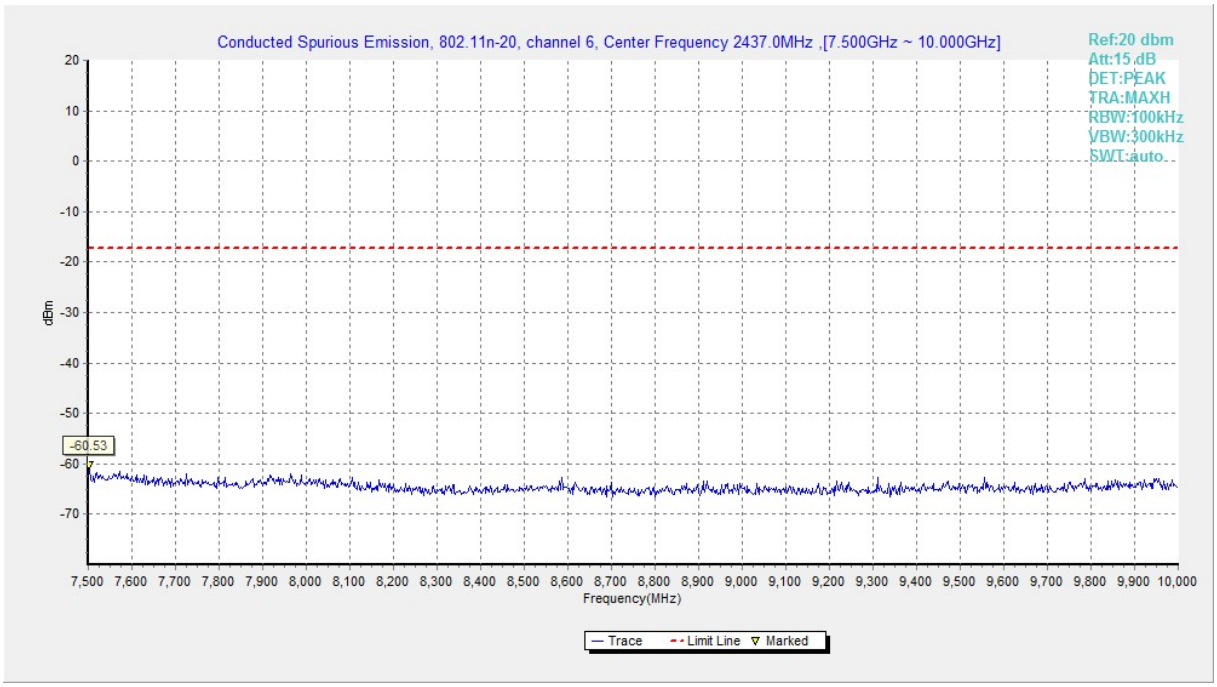


Fig.A.6.1.61 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 7.5 GHz-10 GHz)

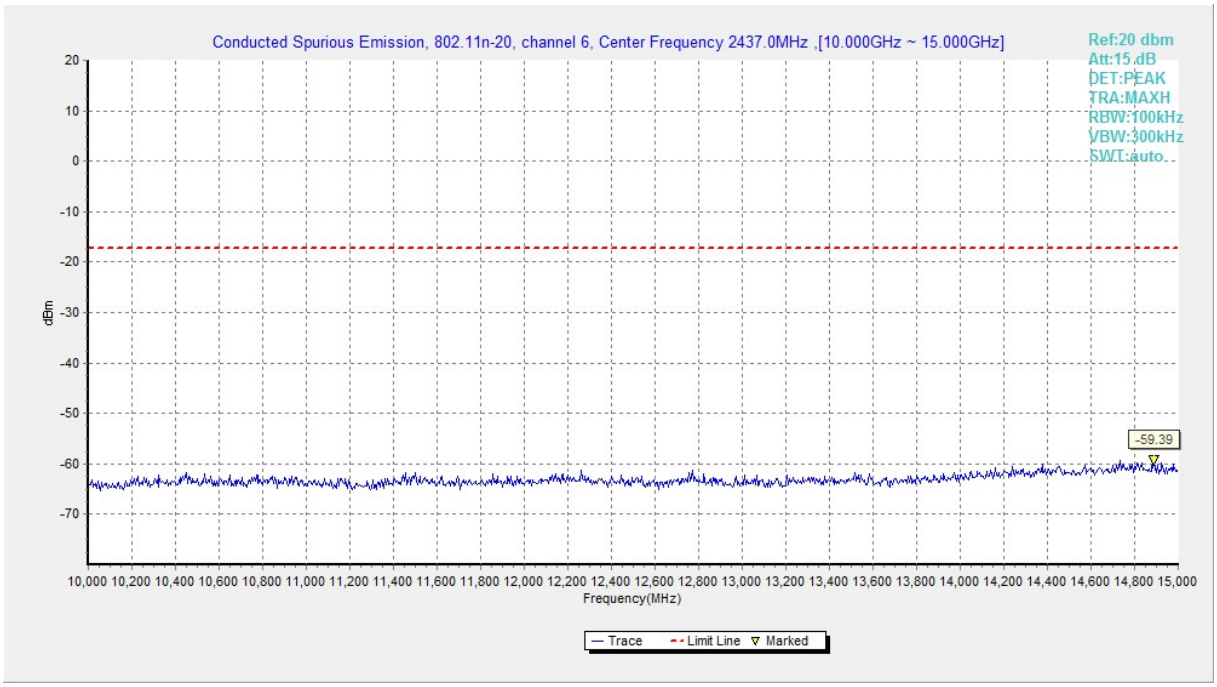


Fig.A.6.1.62 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 10 GHz-15 GHz)

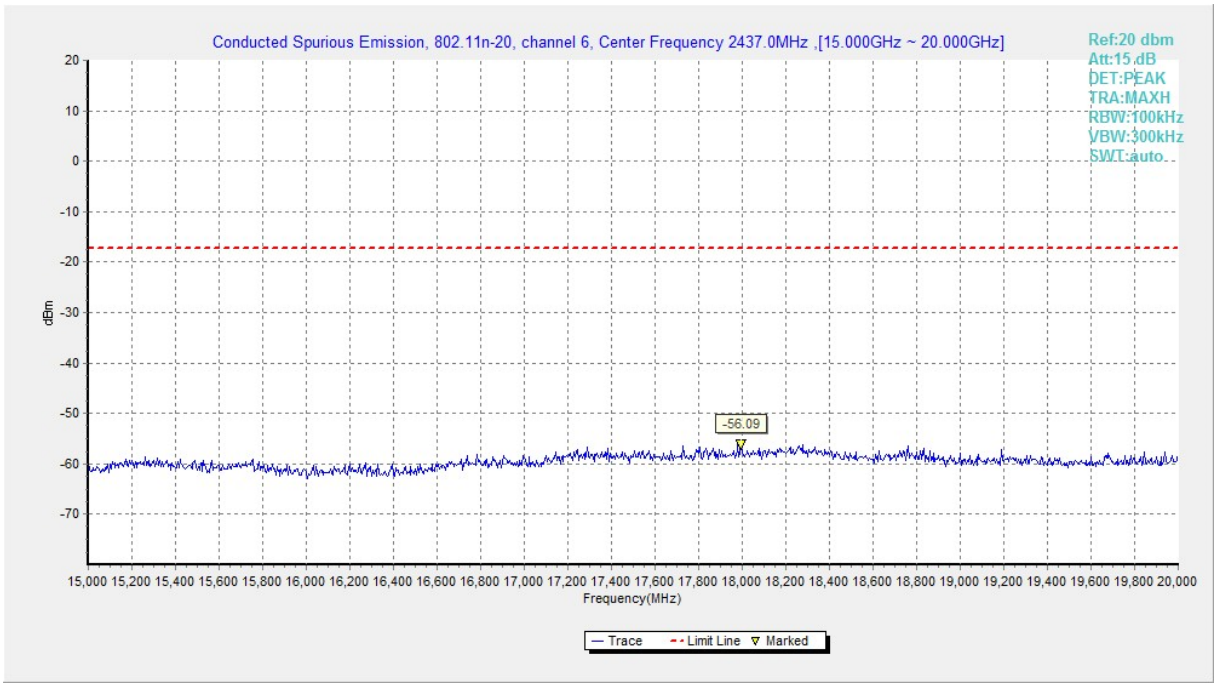


Fig.A.6.1.63 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 15 GHz-20 GHz)

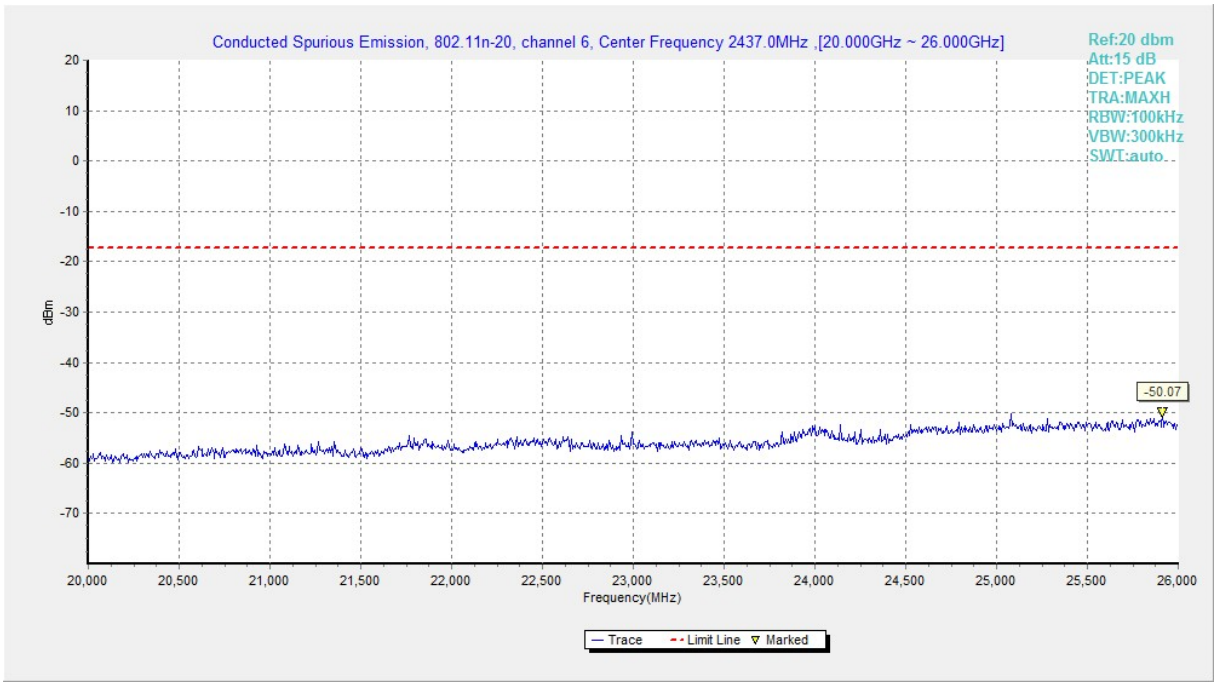


Fig.A.6.1.64 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch6, 20 GHz-26 GHz)

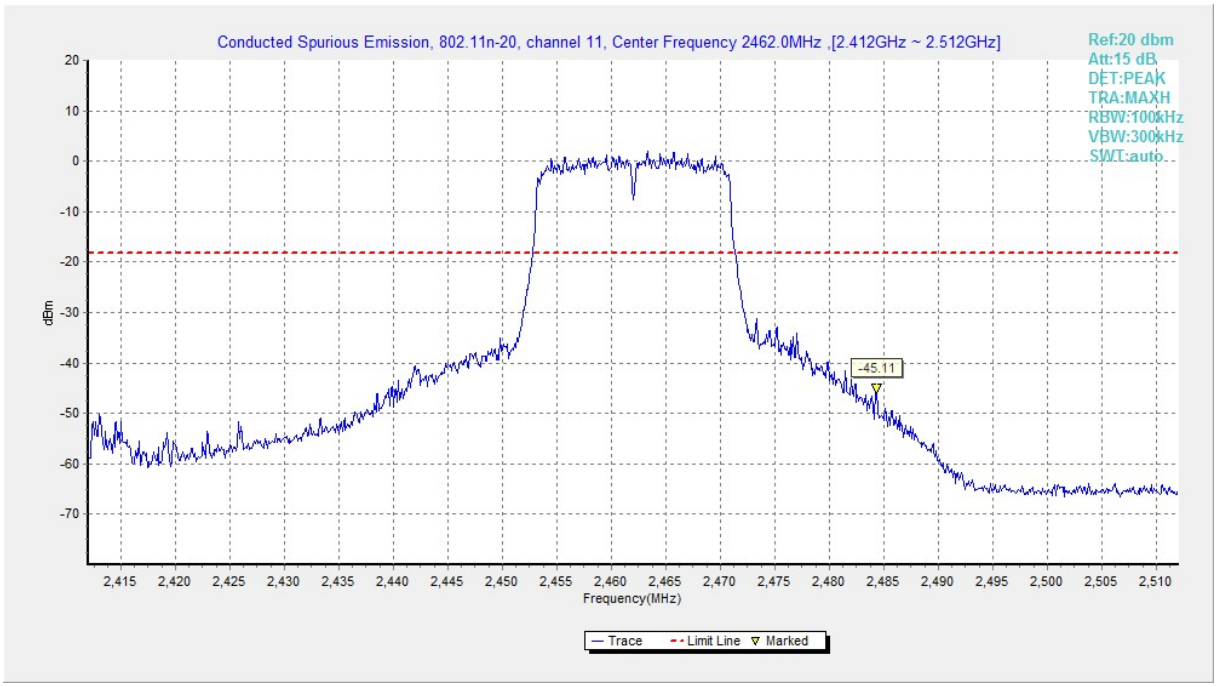


Fig.A.6.1.65 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, Center Frequency)

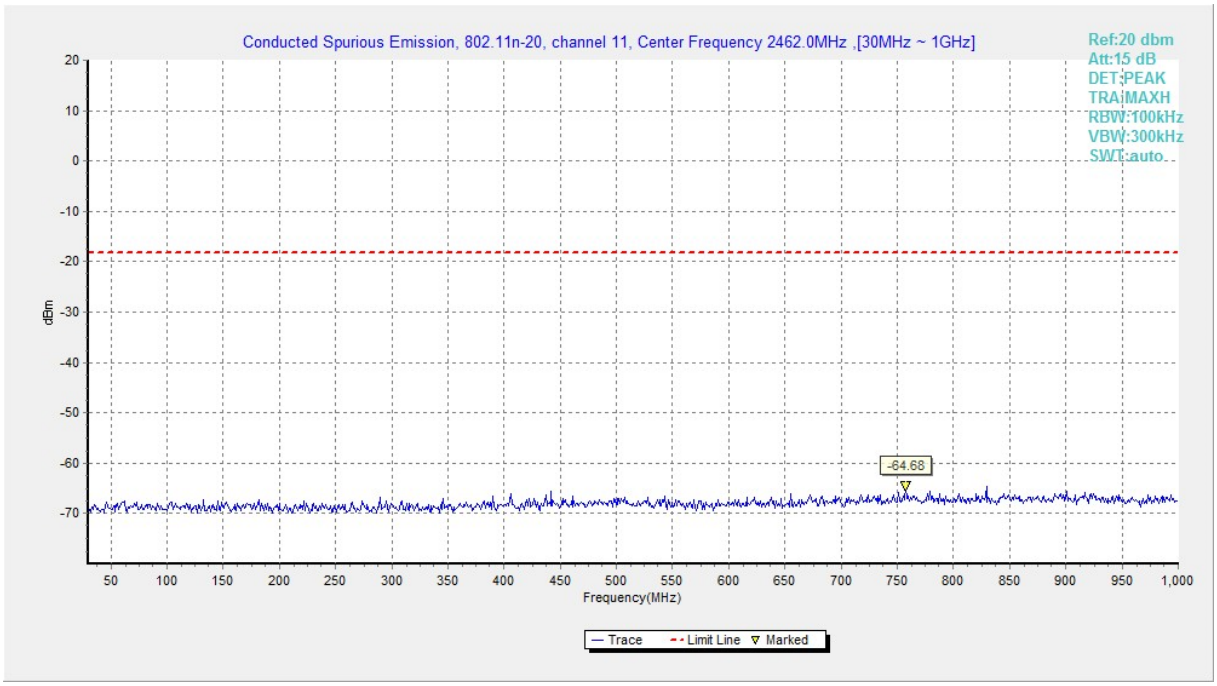


Fig.A.6.1.66 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 30 MHz-1 GHz)

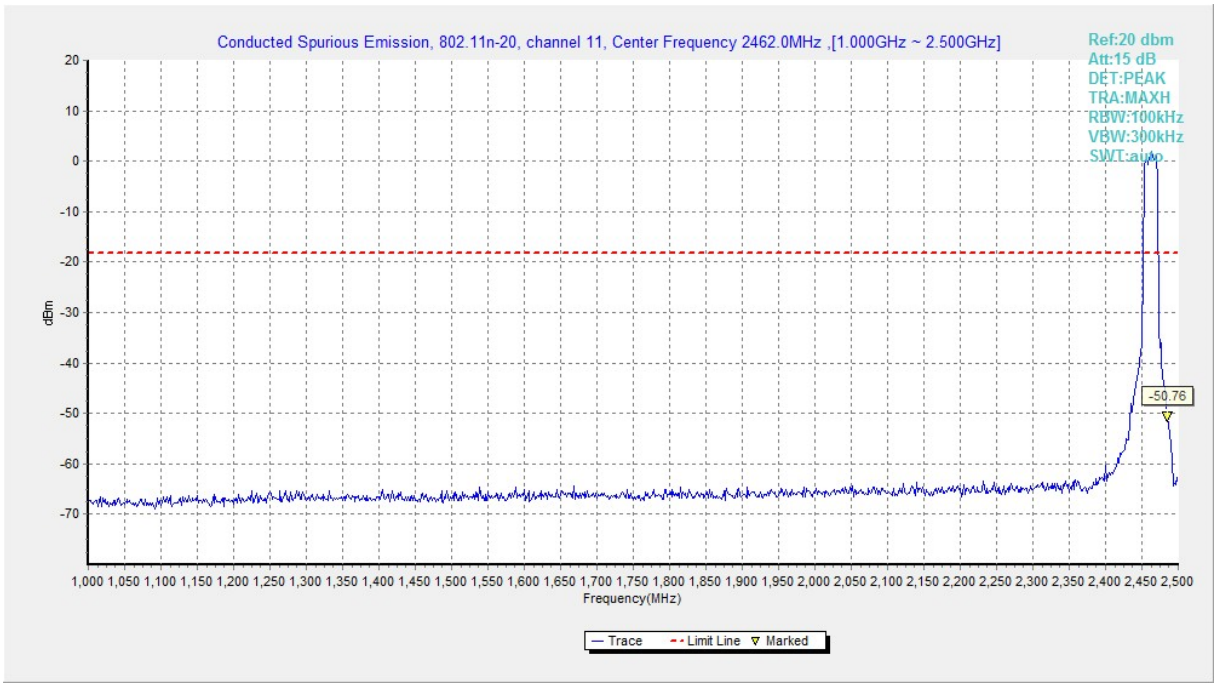


Fig.A.6.1.67 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 1 GHz-2.5 GHz)

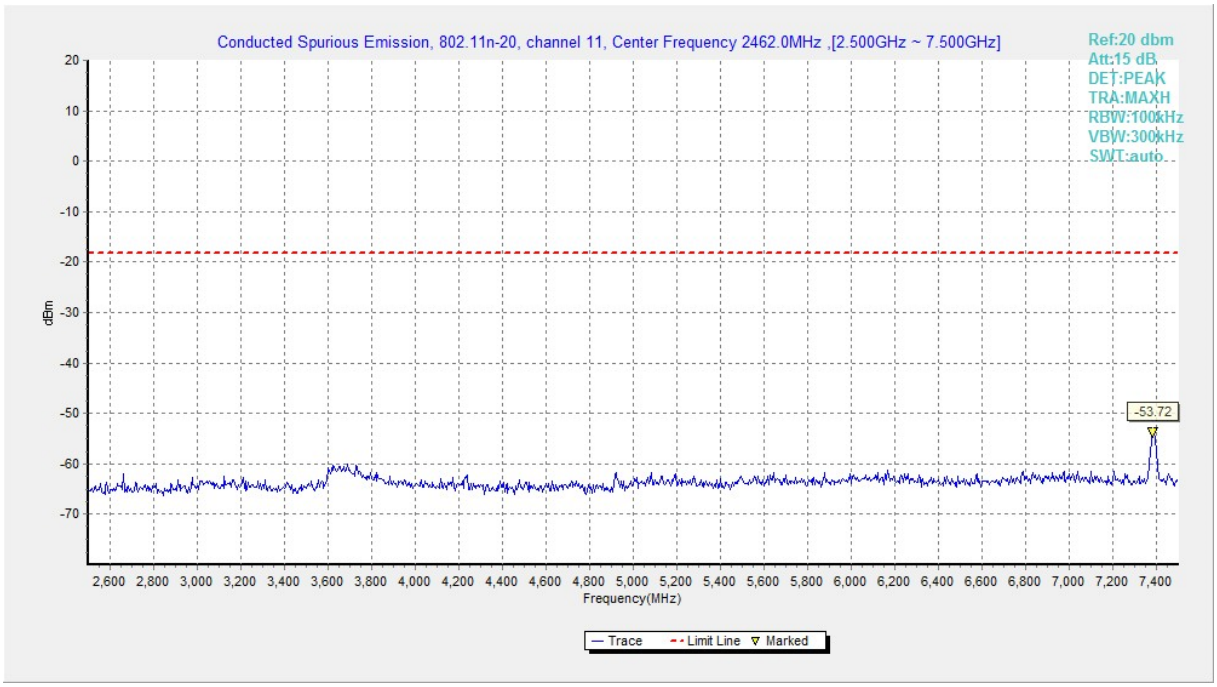


Fig.A.6.1.68 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 2.5 GHz-7.5 GHz)

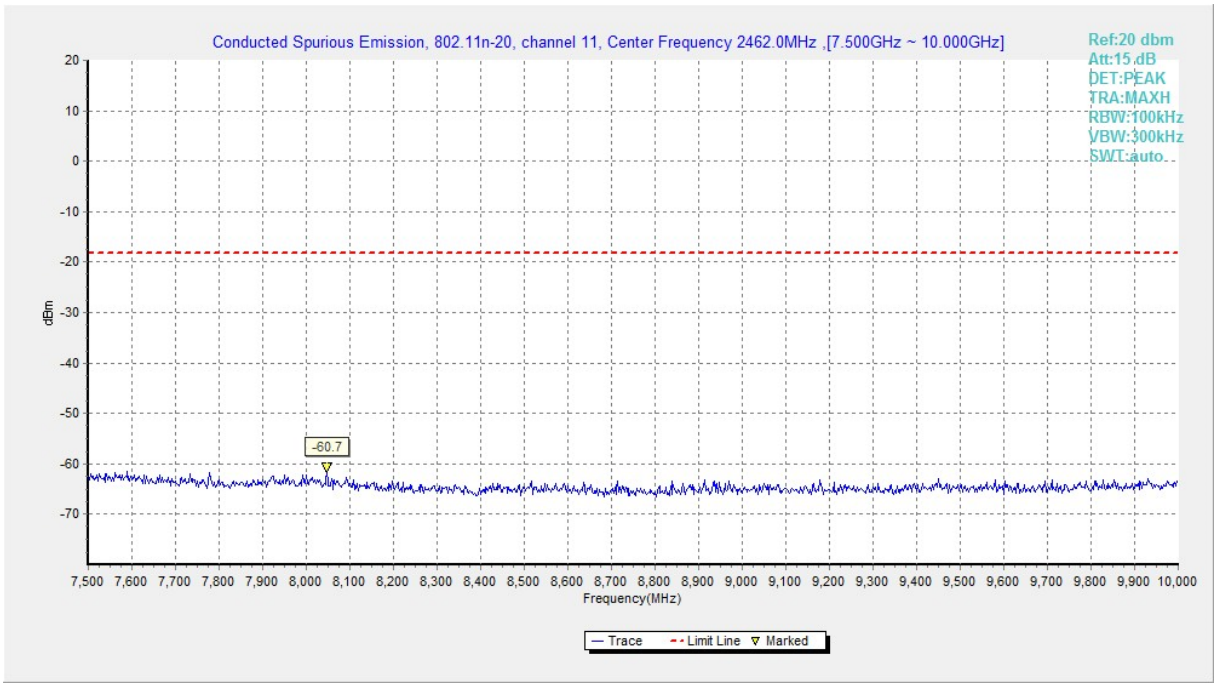


Fig.A.6.1.69 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 7.5 GHz-10 GHz)

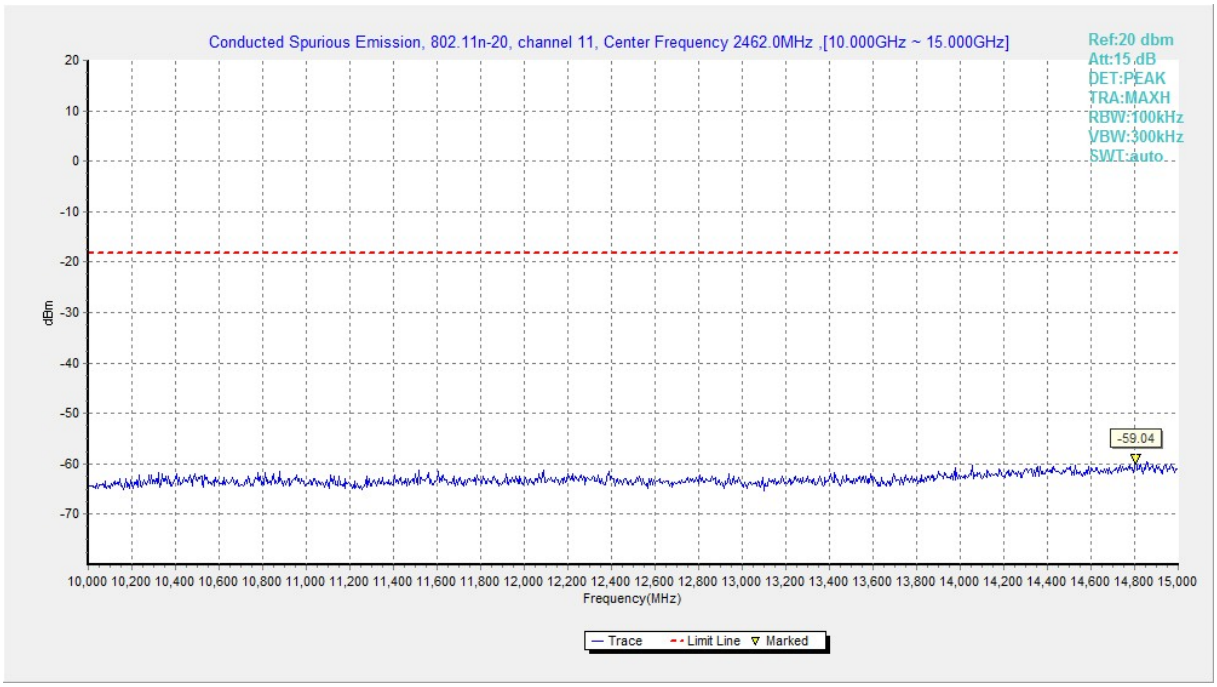


Fig.A.6.1.70 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 10 GHz-15 GHz)

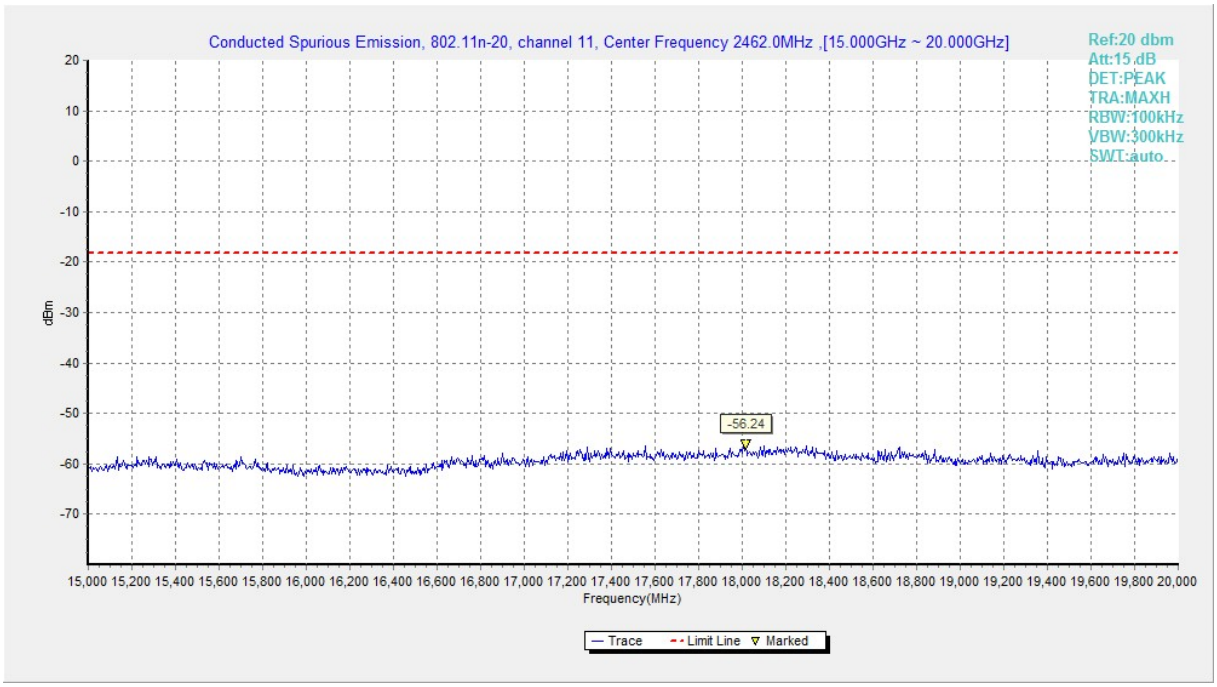


Fig.A.6.1.71 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 15 GHz-20 GHz)

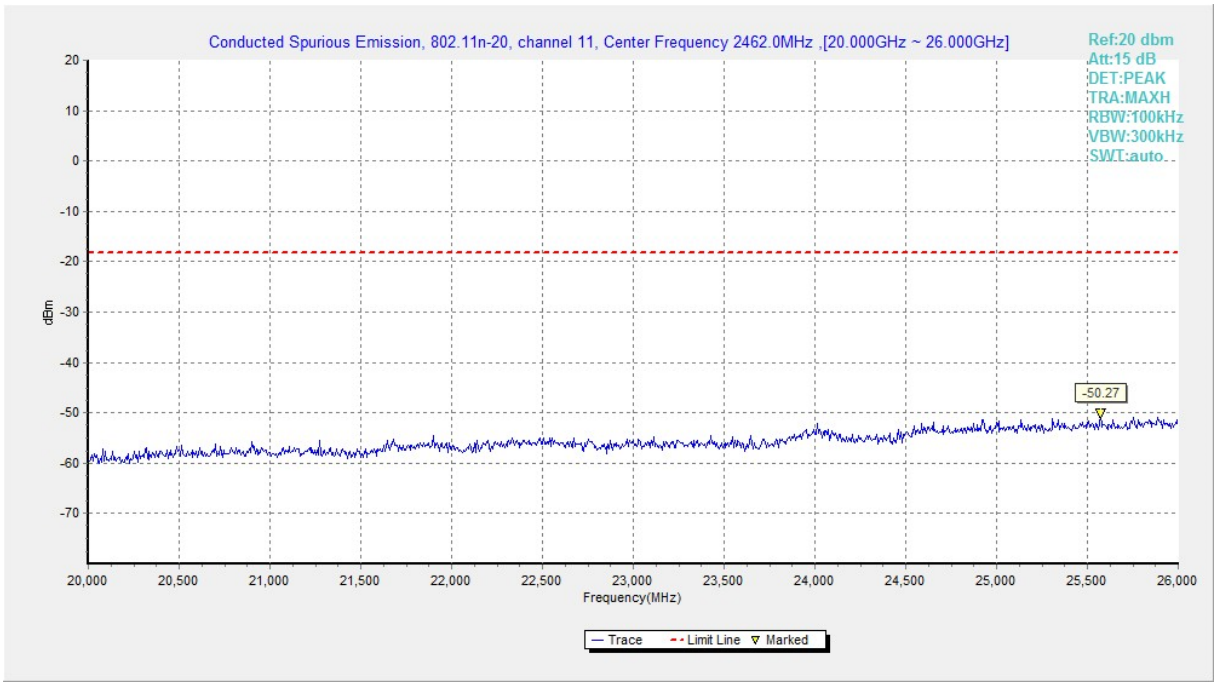


Fig.A.6.1.72 Transmitter Spurious Emission - Conducted (802.11n-HT20, Ch11, 20 GHz-26 GHz)

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

Measurement results:

802.11b mode

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

802.11g mode

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

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	1	2.31GHz~2.43GHz---L	Fig.A.6.2.7	**P**
	2	2.31GHz~2.43GHz---L	Fig.A.6.2.8	**P**
	10	2.45GHz~2.50GHz---H	Fig.A.6.2.9	**P**
	11	2.45GHz~2.50GHz---H	Fig.A.6.2.10	**P**

Conclusion: Pass

Note:

1. A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.
P_{Mea} is the field strength recorded from the instrument.
The measurement results are obtained as described below:
Result=P_{Mea}+$A_{Rpl=}$ P_{Mea}+Cable Loss+Antenna Factor
2. The range of evaluated frequency is from 9 kHz to 26GHz. Measurement value show only up to 6 maximum emissions noted.

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)
2375.912	62.35	4.58	32.17	25.60	74.00	11.65	H
2384.816	62.88	4.60	32.19	26.08	74.00	11.12	H
4823.500	48.18	-35.93	34.03	50.08	74.00	25.82	H
7237.000	52.40	-34.54	35.65	51.28	74.00	21.60	V
9648.000	44.76	-33.48	36.81	41.43	74.00	29.24	H
12060.000	46.29	-31.76	38.81	39.24	74.00	27.71	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)
2365.400	45.09	-36.87	32.15	49.81	74.00	74.00	V
2519.200	46.41	-36.88	32.42	50.86	74.00	74.00	H
4874.000	44.71	-35.79	34.05	46.44	74.00	29.29	H
7312.000	52.30	-34.27	35.66	50.91	74.00	21.70	V
9748.000	43.48	-33.54	36.95	40.07	74.00	30.52	H
12185.000	46.59	-31.61	38.84	39.36	74.00	27.41	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)
2484.210	62.15	4.65	32.37	25.13	74.00	11.85	H
2485.320	62.25	4.65	32.37	25.23	74.00	11.75	H
4923.500	47.84	-35.70	34.07	49.47	74.00	26.16	H
7385.500	47.08	-34.09	35.68	45.49	74.00	26.92	V
9848.000	43.14	-33.44	37.09	39.49	74.00	30.86	H
12310.000	45.76	-31.47	38.86	38.37	74.00	28.24	V

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)
2389.296	64.49	4.61	32.20	27.68	74.00	9.51	H
2389.898	64.74	4.62	32.20	27.93	74.00	9.26	H
4822.000	44.76	-35.94	34.03	46.67	74.00	29.24	H
7232.000	51.02	-34.54	35.65	49.92	74.00	22.98	V
9648.500	45.41	-33.48	36.81	42.08	74.00	28.59	H
12060.000	47.44	-31.76	38.81	40.38	74.00	26.56	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2362.800	45.47	-36.93	32.15	50.25	74.00	28.53	V
2515.800	46.05	-36.81	32.42	50.44	74.00	27.95	V
4874.500	43.11	-35.79	34.05	44.85	74.00	30.89	H
7302.000	52.02	-34.33	35.66	50.68	74.00	21.98	V
9746.500	44.96	-33.53	36.95	41.55	74.00	29.04	H
12185.000	47.15	-31.61	38.84	39.92	74.00	26.85	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)
2483.535	65.59	4.65	32.37	28.57	74.00	8.41	H
2484.760	64.61	4.65	32.37	27.59	74.00	9.39	H
4925.500	44.77	-35.70	34.07	46.40	74.00	29.23	H
7379.500	51.13	-34.09	35.68	49.54	74.00	22.87	V
9849.000	44.60	-33.44	37.09	40.95	74.00	29.40	H
12310.500	46.71	-31.47	38.86	39.32	74.00	27.29	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)
2389.758	69.69	4.61	32.20	32.87	74.00	4.31	H
2389.926	69.67	4.62	32.20	32.86	74.00	4.33	H
4826.500	45.02	-35.92	34.03	46.90	74.00	28.98	H
7233.000	51.27	-34.54	35.65	50.16	74.00	22.73	V
9648.000	44.25	-33.48	36.81	40.92	74.00	29.75	V
12060.000	46.97	-31.76	38.81	39.91	74.00	27.03	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2366.800	45.64	-36.84	32.15	50.33	74.00	28.36	H
2509.200	45.83	-36.68	32.41	50.10	74.00	28.17	V
4874.000	42.77	-35.79	34.05	44.51	74.00	31.23	H
7314.000	51.26	-34.26	35.66	49.86	74.00	22.74	V
9748.000	43.96	-33.54	36.95	40.54	74.00	30.04	H
12185.000	46.44	-31.61	38.84	39.21	74.00	27.56	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)
2483.530	70.85	4.65	32.37	33.82	74.00	3.15	H
2484.000	69.45	4.65	32.37	32.42	74.00	4.55	H
4924.000	45.59	-35.70	34.07	47.22	74.00	28.41	H
7382.500	50.78	-34.09	35.68	49.20	74.00	23.22	V
9848.000	44.75	-33.44	37.09	41.10	74.00	29.25	V
12310.000	46.13	-31.47	38.86	38.74	74.00	27.87	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)
2389.020	48.45	4.61	32.20	11.64	54.00	5.55	H
2389.590	48.53	4.61	32.20	11.71	54.00	5.47	H
4824.100	42.96	-35.93	34.03	44.86	54.00	11.04	H
7235.200	46.06	-34.54	35.65	44.95	54.00	7.94	V
9648.100	31.98	-33.48	36.81	28.65	54.00	22.02	V
12060.100	34.43	-31.76	38.81	27.37	54.00	19.57	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)
2411.040	49.48	4.64	32.24	12.60	54.00	4.52	V
2462.400	49.21	4.68	32.33	12.20	54.00	4.79	H
4873.900	37.14	-35.79	34.05	38.87	54.00	16.86	H
7311.700	46.01	-34.27	35.66	44.62	54.00	7.99	V
9748.000	31.87	-33.54	36.95	28.46	54.00	22.13	H
12184.900	34.32	-31.61	38.84	27.10	54.00	19.68	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)
2484.480	48.77	4.65	32.37	11.75	54.00	5.23	H
2485.860	48.73	4.65	32.37	11.71	54.00	5.27	H
4924.000	43.07	-35.70	34.07	44.70	54.00	10.93	H
7386.700	45.20	-34.09	35.68	43.61	54.00	8.80	V
9847.000	32.33	-33.45	37.09	28.68	54.00	21.67	V
12310.000	34.37	-31.47	38.86	26.98	54.00	19.63	V

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)
2389.680	49.00	4.61	32.20	12.19	54.00	5.00	H
2389.950	49.17	4.62	32.20	12.36	54.00	4.83	H
4823.800	30.20	-35.93	34.03	32.09	54.00	23.80	H
7251.100	33.18	-34.51	35.65	32.05	54.00	20.82	V
9463.000	31.79	-33.40	36.57	28.62	54.00	22.21	V
12060.100	34.27	-31.76	38.81	27.21	54.00	19.73	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)
2400.000	48.91	4.64	32.22	12.05	54.00	5.09	V
2474.700	49.19	4.67	32.35	12.16	54.00	4.81	V
4873.600	29.80	-35.79	34.05	31.54	54.00	24.20	H
7308.400	36.20	-34.29	35.66	34.83	54.00	17.80	V
9459.700	31.81	-33.40	36.57	28.63	54.00	22.19	V
12184.900	34.08	-31.61	38.84	26.86	54.00	19.92	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)
2483.730	49.32	4.65	32.37	12.30	54.00	4.68	H
2484.300	49.20	4.65	32.37	12.18	54.00	4.80	H
4924.000	31.59	-35.70	34.07	33.22	54.00	22.41	H
7385.200	36.79	-34.09	35.68	35.21	54.00	17.21	V
9427.900	31.73	-33.35	36.54	28.54	54.00	22.27	H
12310.000	33.90	-31.47	38.86	26.51	54.00	20.10	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)
2389.860	49.99	4.62	32.20	13.18	54.00	4.01	H
2389.980	50.03	4.62	32.20	13.22	54.00	3.97	H
4824.100	30.37	-35.93	34.03	32.27	54.00	23.63	H
7236.100	37.08	-34.54	35.65	35.97	54.00	16.92	V
9648.100	31.79	-33.48	36.81	28.46	54.00	22.21	H
12060.100	34.07	-31.76	38.81	27.02	54.00	19.93	V

Ch6

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2406.060	49.58	4.64	32.23	12.71	54.00	4.42	H
2471.820	49.83	4.68	32.35	12.81	54.00	4.17	V
4873.900	29.87	-35.79	34.05	31.60	54.00	24.13	H
7307.500	37.19	-34.30	35.66	35.82	54.00	16.81	H
9748.000	31.60	-33.54	36.95	28.19	54.00	22.40	H
12184.900	33.91	-31.61	38.84	26.68	54.00	20.09	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)
2483.010	49.16	4.65	32.37	12.14	54.00	4.84	H
2486.520	48.70	4.64	32.38	11.68	54.00	5.30	H
4923.700	32.06	-35.70	34.07	33.69	54.00	21.94	H
7386.100	36.19	-34.09	35.68	34.60	54.00	17.81	V
9847.900	32.01	-33.44	37.09	28.36	54.00	21.99	V
12310.000	34.04	-31.47	38.86	26.65	54.00	19.96	H

Test graphs as below:

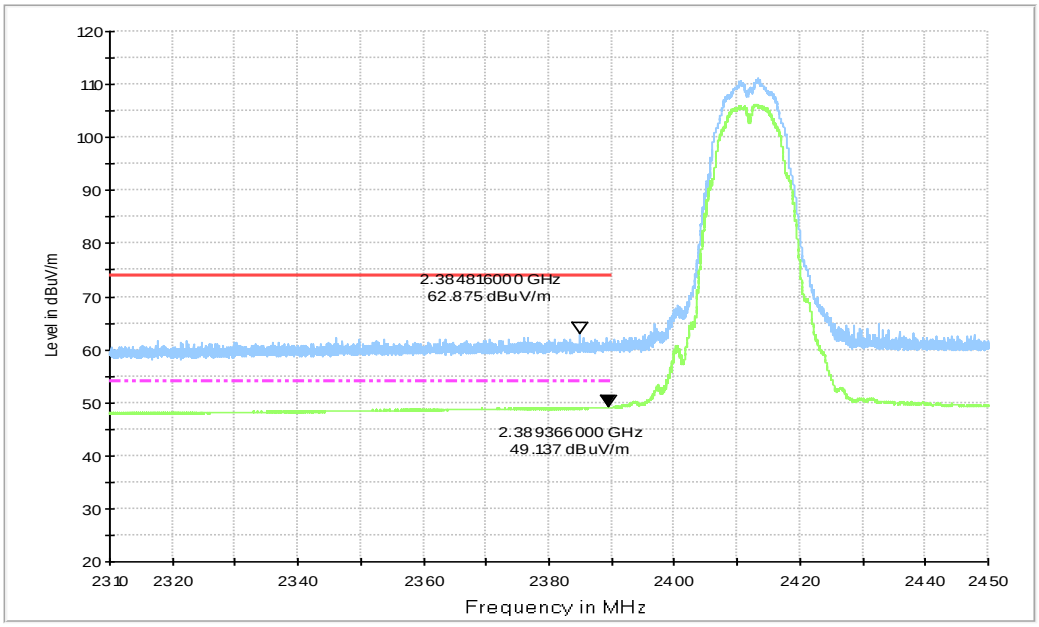


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.45GHz

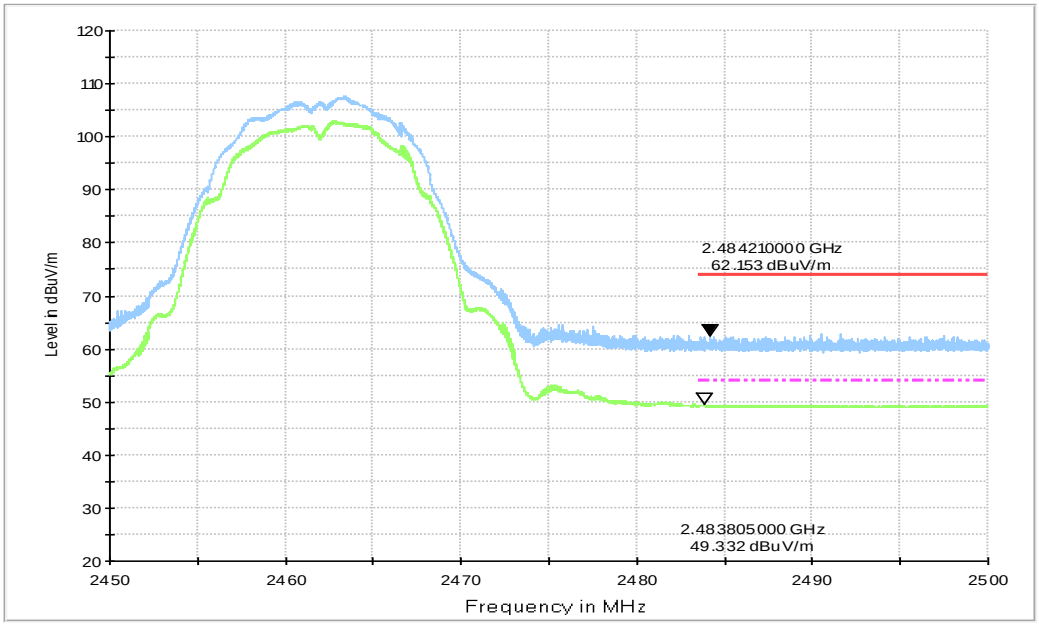


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

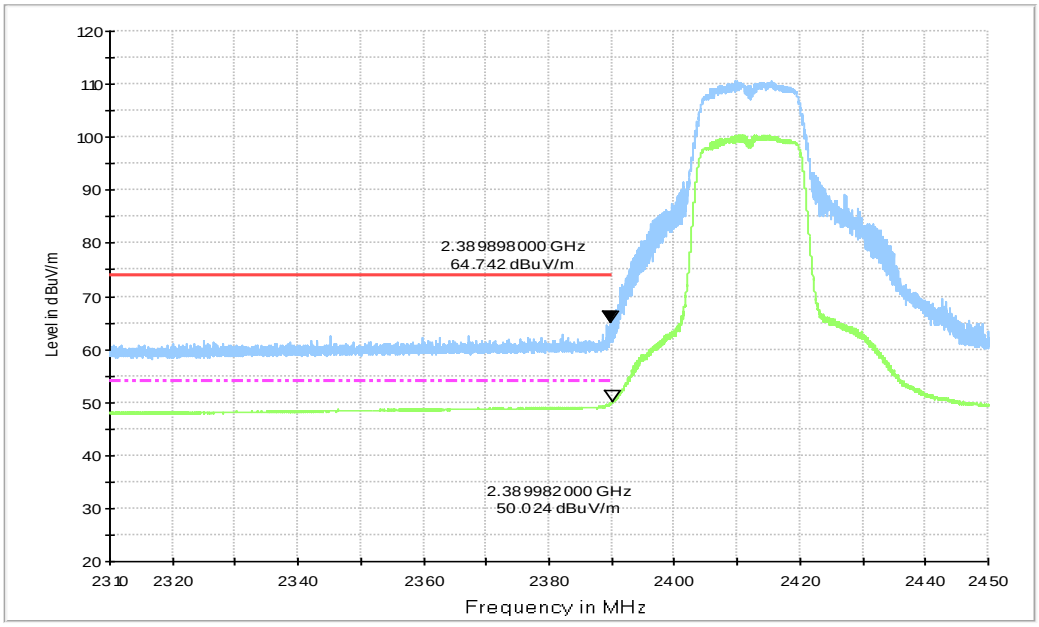


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31 GHz - 2.45GHz

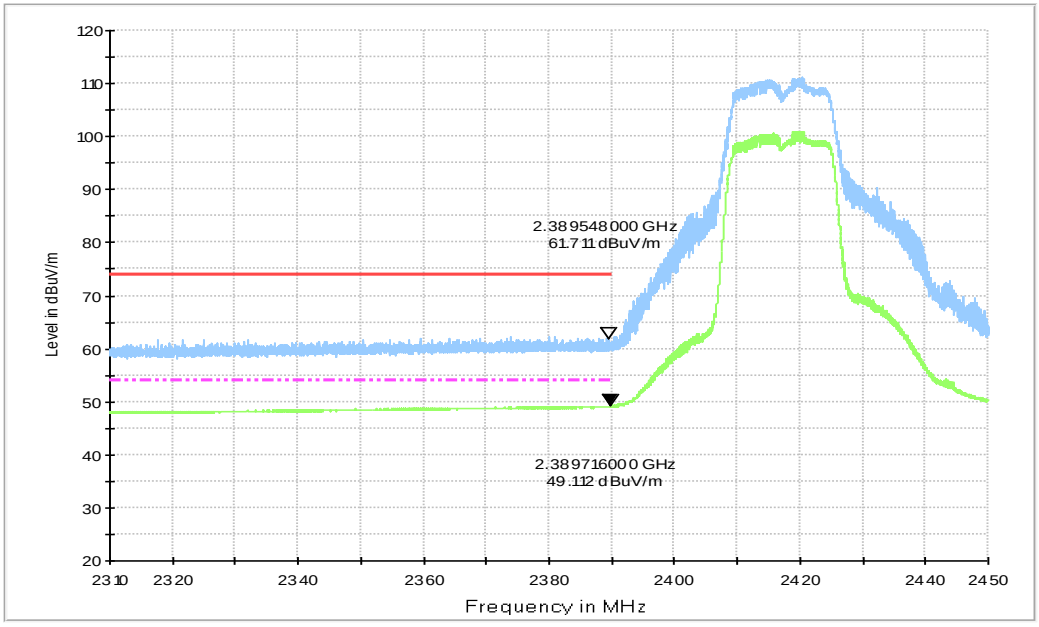


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch2, 2.31 GHz - 2.45GHz

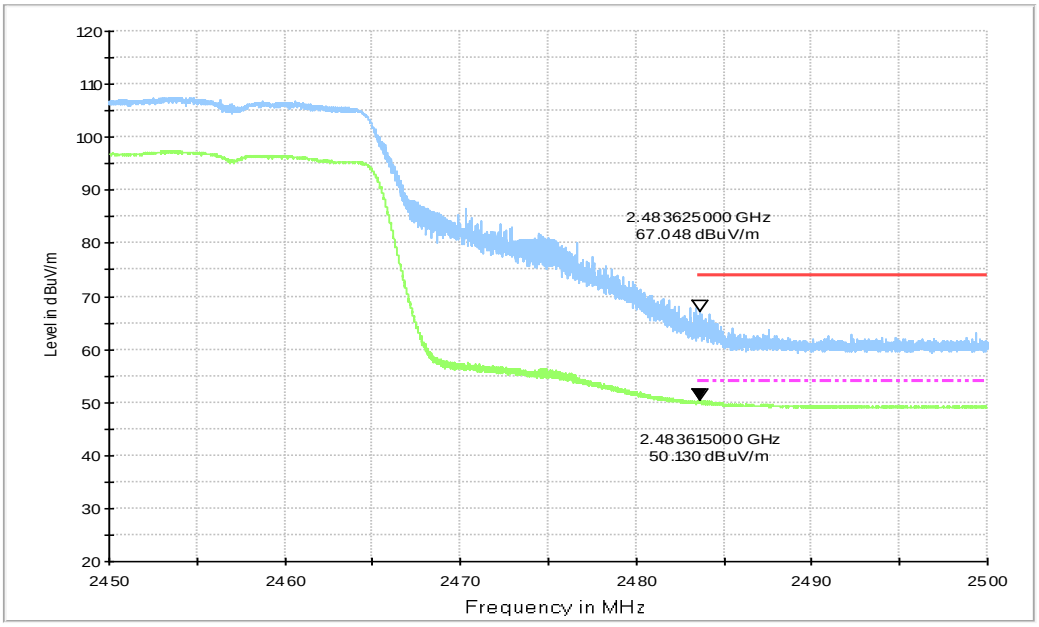


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch10, 2.45 GHz - 2.50GHz

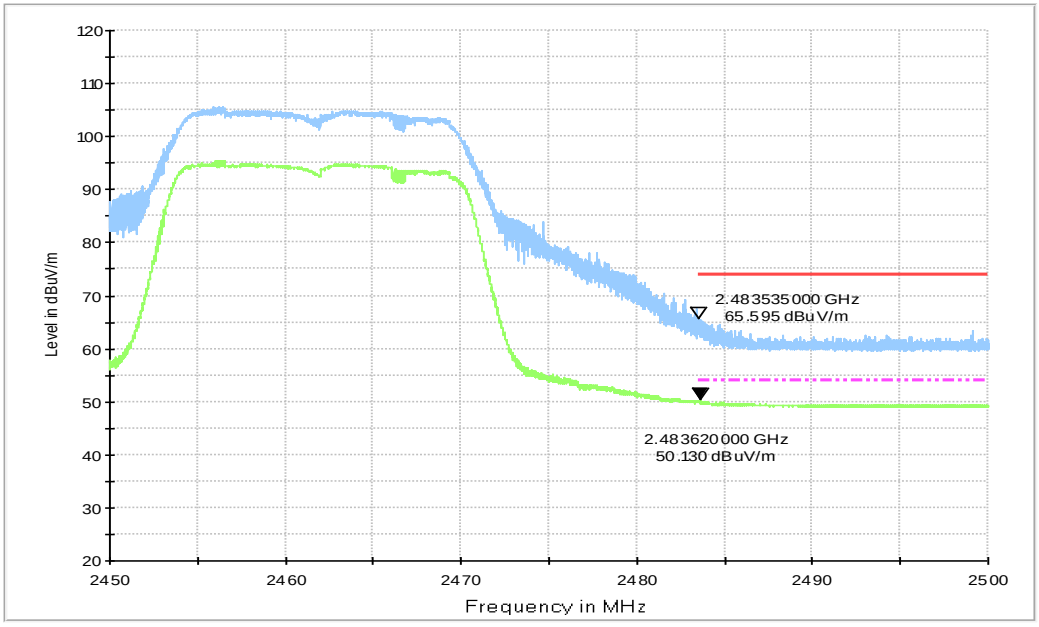


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

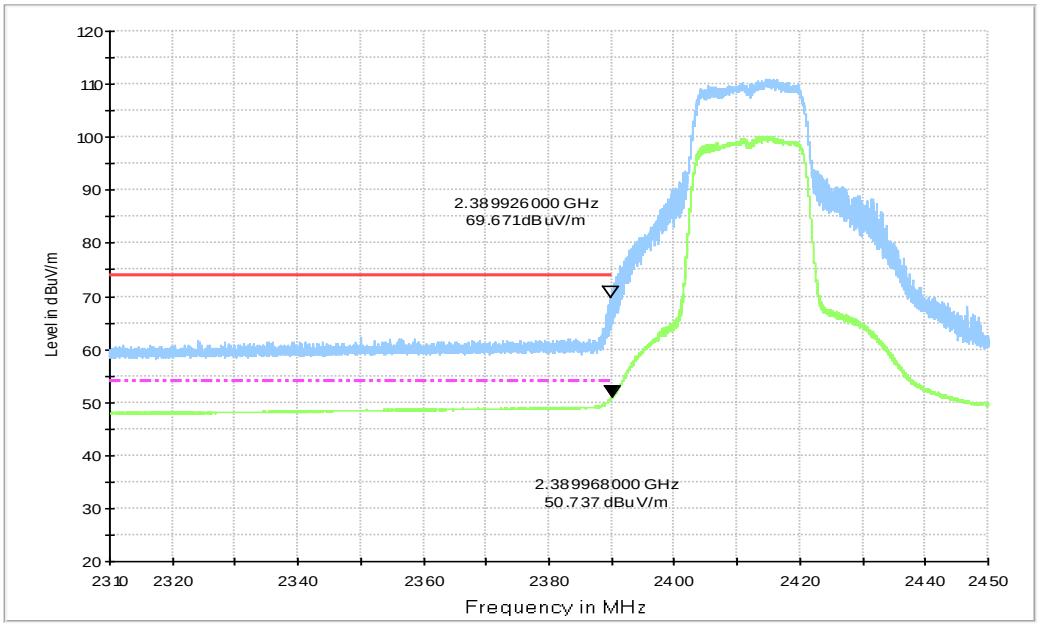


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.45GHz

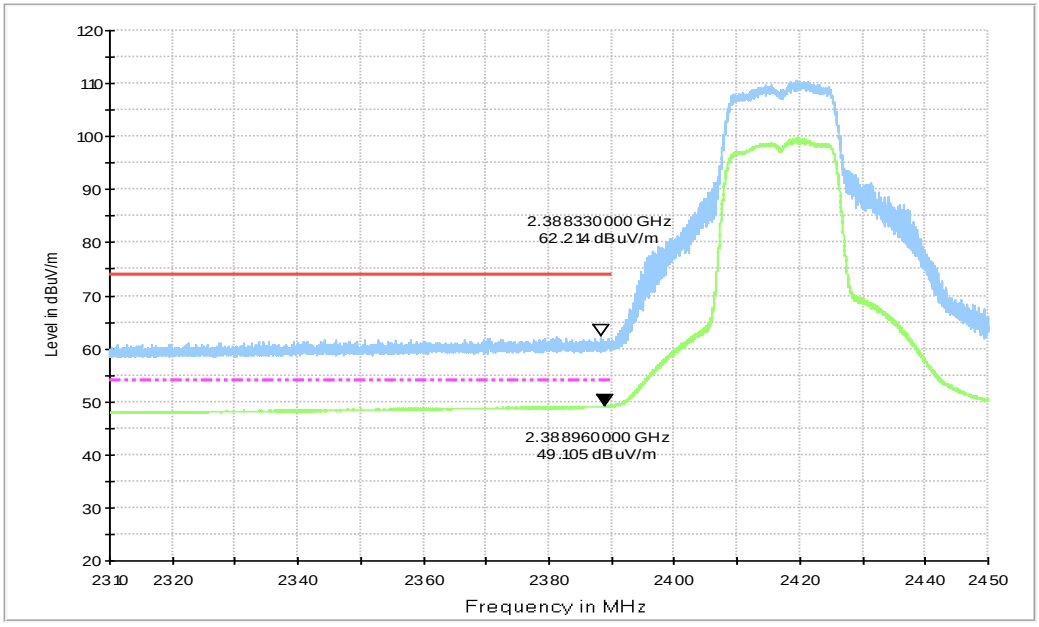


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch2, 2.31 GHz - 2.45GHz

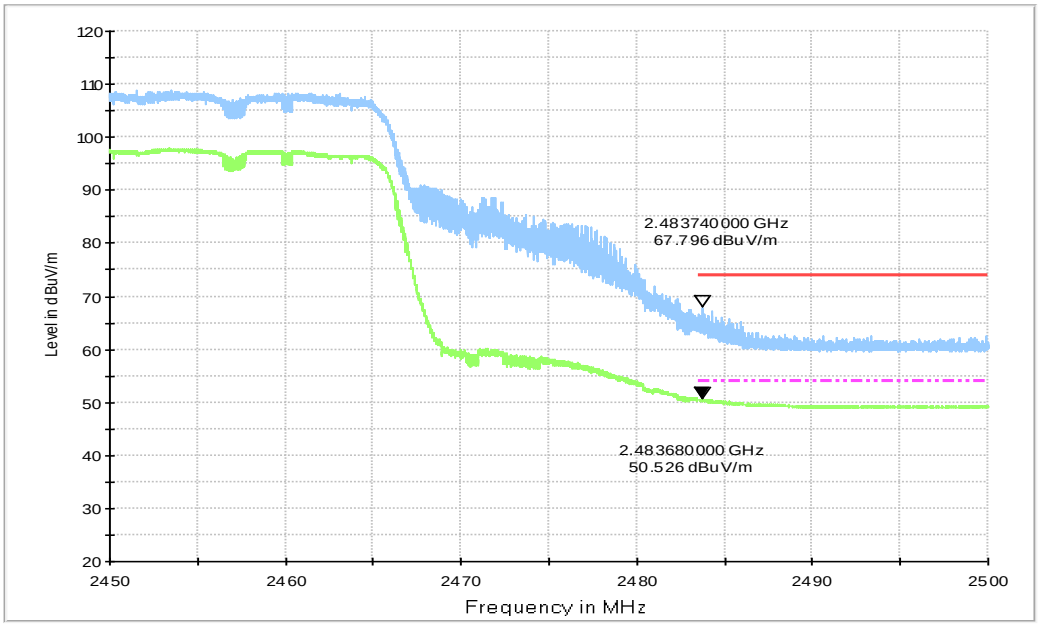


Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch10, 2.45 GHz - 2.50GHz

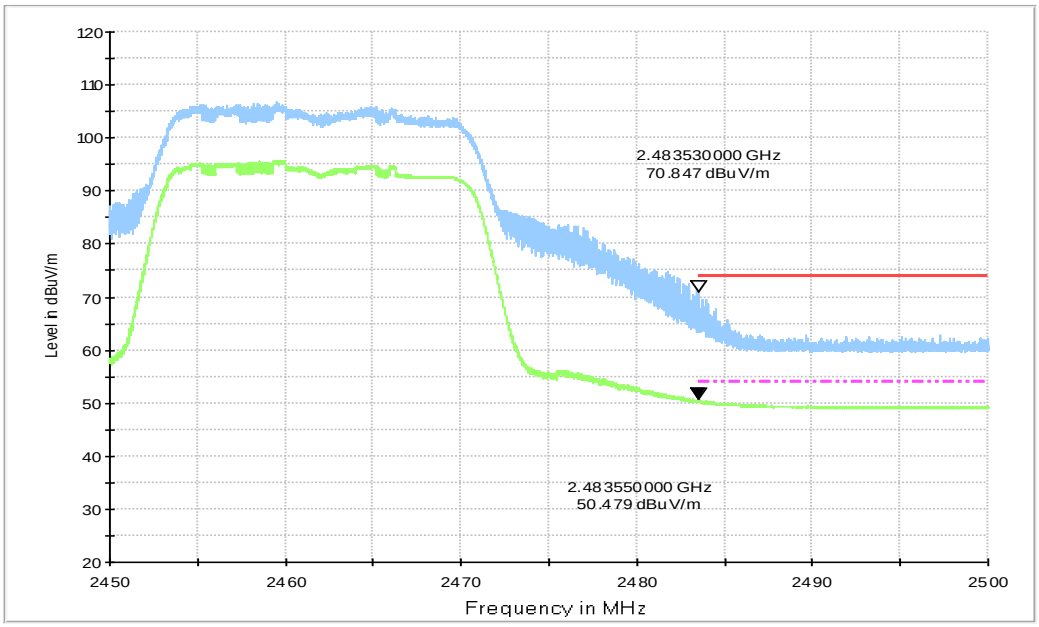


Fig.A.6.2.10 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

A.7. AC Power-line Conducted Emission

Method of Measurement:

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

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

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

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

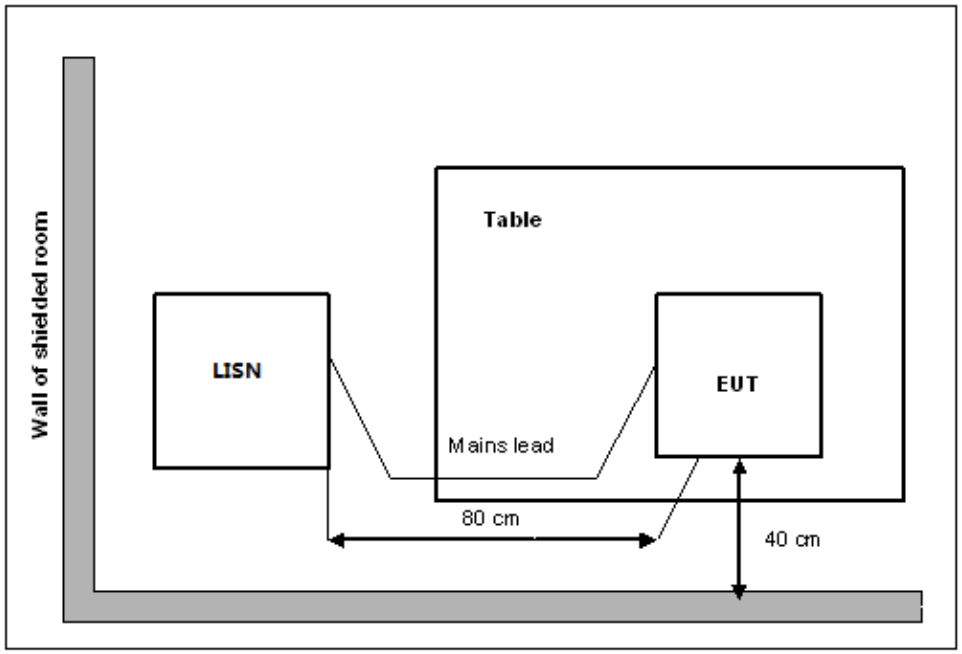
The measurement bandwidth is:

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

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Setup



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:

Result for Traffic:

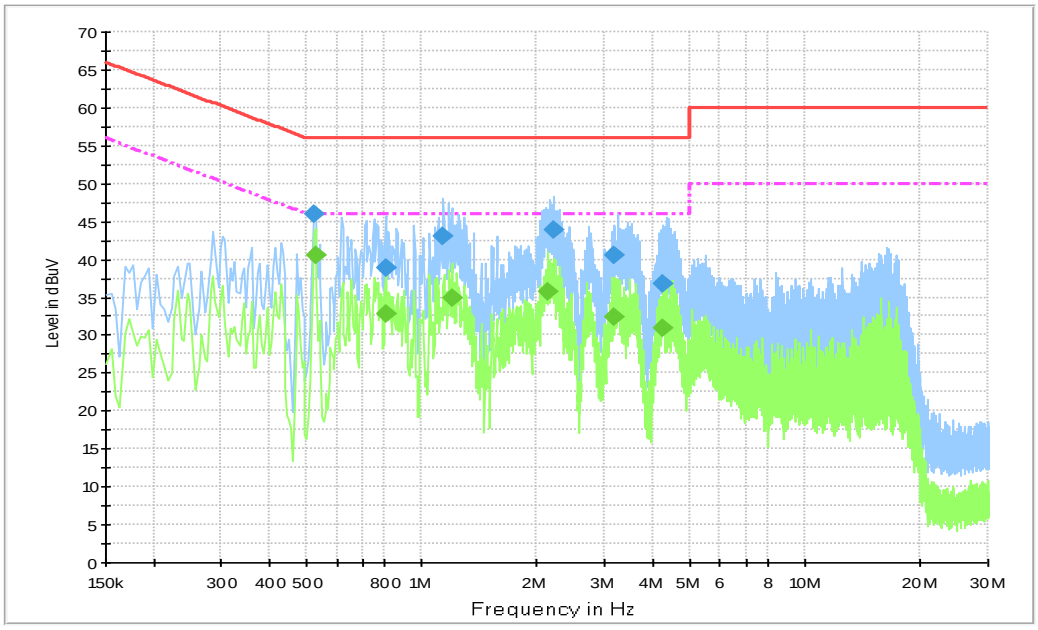


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.523500	45.9	3000.	9.000	L1	19.8	10.1	56.0
0.807000	38.9	3000.	9.000	L1	19.7	17.1	56.0
1.140000	43.0	3000.	9.000	N	19.7	13.0	56.0
2.206500	43.9	3000.	9.000	N	19.6	12.1	56.0
3.192000	40.5	3000.	9.000	N	19.6	15.5	56.0
4.236000	36.8	3000.	9.000	L1	19.6	19.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.528000	40.4	3000.0	9.000	N	19.8	5.6	46.0
0.807000	32.8	3000.0	9.000	N	19.7	13.2	46.0
1.198500	34.8	3000.0	9.000	N	19.6	11.2	46.0
2.139000	35.6	3000.0	9.000	L1	19.6	10.4	46.0
3.174000	32.4	3000.0	9.000	N	19.6	13.6	46.0
4.267500	30.9	3000.0	9.000	N	19.6	15.1	46.0

Result for Idle:

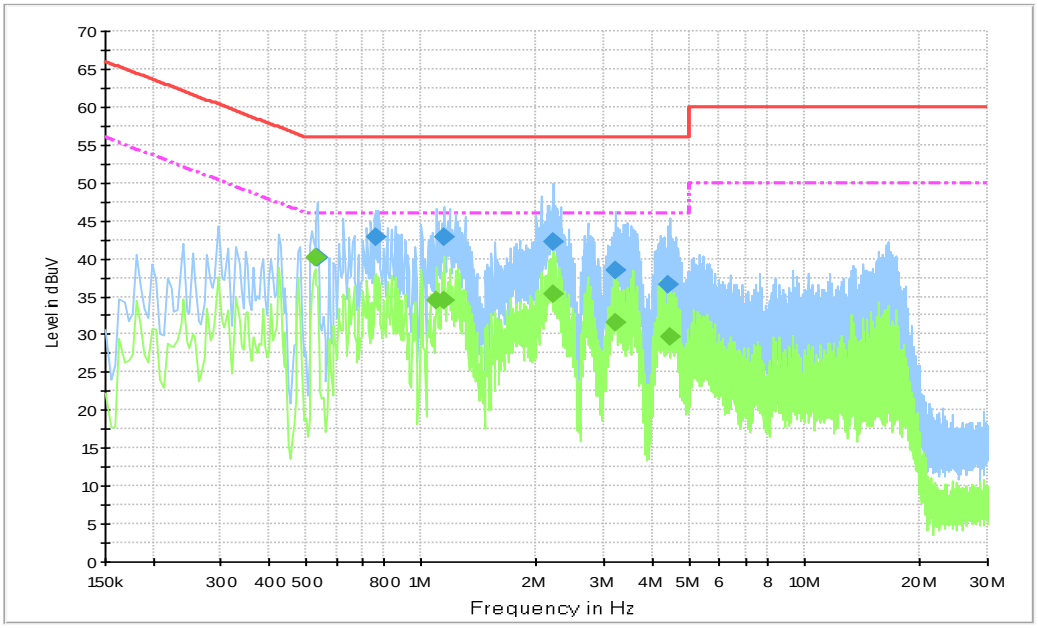


Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.537000	40.1	3000.	9.000	N	19.8	15.9	56.0
0.762000	42.9	3000.	9.000	N	19.7	13.1	56.0
1.149000	42.7	3000.	9.000	N	19.7	13.3	56.0
2.197500	42.3	3000.	9.000	L1	19.6	13.7	56.0
3.214500	38.4	3000.	9.000	L1	19.6	17.6	56.0
4.420500	36.5	3000.	9.000	L1	19.6	19.5	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.528000	40.1	3000.0	9.000	L1	19.8	5.9	46.0
1.095000	34.5	3000.0	9.000	N	19.7	11.5	46.0
1.149000	34.4	3000.0	9.000	L1	19.7	11.6	46.0
2.197500	35.4	3000.0	9.000	L1	19.6	10.6	46.0
3.214500	31.6	3000.0	9.000	L1	19.6	14.4	46.0
4.452000	29.6	3000.0	9.000	L1	19.6	16.4	46.0

Note: The measurement results showed here are worst cases.

ANNEX B: EUT parameters

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

ANNEX C: Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

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

Electromagnetic Compatibility & Telecommunications

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

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

For the National Voluntary Laboratory Accreditation Program

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