

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)
2387.294	59.98	5.35	32.22	22.41	74.00	14.02	H
2389.632	60.22	5.35	32.26	22.61	74.00	13.78	H
4824.000	44.33	-34.04	34.10	44.28	74.00	29.67	V
7234.500	47.41	-32.56	35.87	44.11	74.00	26.59	V
12061.500	49.48	-29.99	38.82	40.65	74.00	24.52	H
14472.000	52.84	-27.39	39.44	40.79	74.00	21.16	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)
2312.000	41.80	-29.99	31.55	40.24	74.00	32.20	V
2531.800	42.98	-29.34	32.66	39.65	74.00	31.02	V
4874.000	42.54	-34.19	34.15	42.58	74.00	31.46	H
7312.500	45.44	-32.47	35.95	41.96	74.00	28.56	H
9748.000	45.82	-31.31	36.90	40.23	74.00	28.18	V
14622.000	51.22	-27.53	39.57	39.18	74.00	22.78	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)
2483.570	61.00	5.46	32.60	22.94	74.00	13.00	H
2484.880	61.29	5.46	32.60	23.23	74.00	12.71	H
4923.500	43.88	-33.76	34.25	43.39	74.00	30.12	V
7385.000	44.65	-32.36	35.80	41.21	74.00	29.35	H
12308.000	48.09	-30.66	38.91	39.85	74.00	25.91	V
14771.500	50.38	-27.38	39.87	37.89	74.00	23.62	H

802.11g

Ch1

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2389.394	71.13	5.35	32.25	33.52	74.00	2.87	H
2389.814	72.22	5.35	32.26	34.61	74.00	1.78	V
4824.000	40.82	-34.04	34.10	40.76	74.00	33.18	H
7236.000	44.11	-32.56	35.87	40.80	74.00	29.89	V
9648.000	46.51	-30.71	36.90	40.31	74.00	27.49	V
12060.000	47.90	-29.98	38.82	39.06	74.00	26.10	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)
2363.000	40.80	-29.40	31.88	38.31	74.00	33.20	V
2518.000	41.63	-29.17	32.64	38.16	74.00	32.37	H
4874.000	41.13	-34.19	34.15	41.17	74.00	32.87	V
7311.000	42.78	-32.47	35.96	39.30	74.00	31.22	H
9748.000	46.40	-31.31	36.90	40.81	74.00	27.60	H
12185.000	46.04	-30.64	39.07	37.61	74.00	27.96	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.560	71.16	5.46	32.60	33.10	74.00	2.84	H
2483.875	70.92	5.46	32.60	32.86	74.00	3.08	H
4924.000	41.68	-33.75	34.25	41.18	74.00	32.32	H
7386.000	42.70	-32.36	35.80	39.26	74.00	31.30	H
9848.000	43.40	-31.95	37.00	38.35	74.00	30.60	V
12310.000	47.41	-30.66	38.91	39.17	74.00	26.59	V

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)
2389.324	72.73	5.35	32.25	35.13	74.00	1.27	V
2389.786	73.09	5.35	32.26	35.48	74.00	0.91	H
4824.000	41.26	-34.04	34.10	41.20	74.00	32.74	H
7236.000	44.41	-32.56	35.87	41.10	74.00	29.59	V
9648.000	45.63	-30.71	36.90	39.43	74.00	28.37	H
12060.000	47.34	-29.98	38.82	38.50	74.00	26.66	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)
2348.800	40.98	-29.65	31.70	38.94	74.00	33.02	V
2521.000	41.75	-29.32	32.64	38.44	74.00	32.25	V
4874.000	40.67	-34.19	34.15	40.71	74.00	33.33	H
7311.000	42.85	-32.47	35.96	39.37	74.00	31.15	V
9748.000	45.90	-31.31	36.90	40.31	74.00	28.10	V
12185.000	45.84	-30.64	39.07	37.41	74.00	28.16	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.790	70.70	5.46	32.60	32.64	74.00	3.30	H
2484.395	70.15	5.46	32.60	32.09	74.00	3.85	V
4924.000	42.10	-33.75	34.25	41.61	74.00	31.90	V
7386.000	42.70	-32.36	35.80	39.26	74.00	31.30	H
9848.000	44.12	-31.95	37.00	39.07	74.00	29.88	V
12310.000	46.57	-30.66	38.91	38.32	74.00	27.43	V

802.11n-HT40

Ch3

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)
2389.268	71.40	5.35	32.25	33.80	74.00	2.60	V
2389.492	72.39	5.35	32.25	34.78	74.00	1.61	V
4844.000	40.26	-34.13	34.10	40.29	74.00	33.74	V
7266.000	42.93	-32.52	35.93	39.52	74.00	31.07	V
9688.000	46.29	-30.89	36.82	40.36	74.00	27.71	V
12110.000	46.87	-30.19	38.92	38.14	74.00	27.13	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)
2349.600	41.20	-29.65	31.70	39.15	74.00	32.80	V
2514.200	42.45	-28.97	32.63	38.80	74.00	31.55	V
4874.000	40.81	-34.19	34.15	40.85	74.00	33.19	V
7311.000	43.32	-32.47	35.96	39.84	74.00	30.68	V
9748.000	44.10	-31.31	36.90	38.51	74.00	29.90	H
12185.000	46.73	-30.64	39.07	38.30	74.00	27.27	H

Ch9

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)
2483.540	70.25	5.46	32.60	32.19	74.00	3.75	V
2483.840	69.97	5.46	32.60	31.91	74.00	4.03	H
4904.000	40.90	-33.99	34.21	40.68	74.00	33.10	H
7356.000	42.55	-32.42	35.80	39.18	74.00	31.45	H
9808.000	43.43	-31.76	37.00	38.19	74.00	30.57	H
12260.000	46.03	-30.70	38.98	37.75	74.00	27.97	V

Average
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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)
2388.450	46.17	5.35	32.24	8.58	54.00	7.83	V
2389.350	46.20	5.35	32.25	8.60	54.00	7.80	V
4824.000	36.26	-34.04	34.10	36.20	54.00	17.74	H
7235.000	38.65	-32.56	35.87	35.34	54.00	15.35	H
12058.500	38.03	-29.98	38.82	29.19	54.00	15.97	H
14472.000	47.24	-27.39	39.44	35.19	54.00	6.76	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)
2411.775	46.96	5.38	32.45	9.13	54.00	7.04	V
2463.938	48.52	5.44	32.60	10.49	54.00	5.48	V
4873.500	33.69	-34.19	34.15	33.73	54.00	20.31	H
6092.000	33.90	-32.78	35.48	31.20	54.00	20.10	V
7312.000	35.68	-32.47	35.95	32.20	54.00	18.32	H
14622.000	42.81	-27.53	39.57	30.77	54.00	11.19	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)
2483.850	48.09	5.46	32.60	10.02	54.00	5.91	V
2485.088	48.06	5.46	32.60	10.00	54.00	5.94	V
4923.500	34.72	-33.76	34.25	34.23	54.00	19.28	H
6154.800	34.34	-32.82	35.50	31.66	54.00	19.66	H
12308.150	26.55	-30.66	38.91	18.31	54.00	27.45	H
14771.800	40.03	-27.38	39.87	27.54	54.00	13.97	H

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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)
2389.613	48.84	5.35	32.26	11.23	54.00	5.16	V
2389.950	48.84	5.35	32.26	11.23	54.00	5.16	V
4824.100	29.64	-34.04	34.10	29.59	54.00	24.36	V
7235.950	32.34	-32.56	35.87	29.03	54.00	21.66	H
9648.150	34.19	-30.71	36.90	27.99	54.00	19.81	V
12060.000	35.86	-29.98	38.82	27.02	54.00	18.14	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)
2411.887	51.64	5.38	32.45	13.81	54.00	2.36	V
2462.850	51.86	5.44	32.60	13.83	54.00	2.14	V
4874.150	29.59	-34.19	34.15	29.63	54.00	24.41	H
7309.100	32.24	-32.48	35.96	28.76	54.00	21.76	V
9747.900	33.10	-31.30	36.90	27.51	54.00	20.90	H
12184.950	34.44	-30.64	39.07	26.01	54.00	19.56	H

Ch11

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
2483.738	49.40	5.46	32.60	11.34	54.00	4.60	V
2484.150	49.40	5.46	32.60	11.34	54.00	4.60	V
4923.850	30.21	-33.75	34.25	29.71	54.00	23.79	V
7386.100	31.01	-32.36	35.80	27.57	54.00	22.99	V
9848.000	31.94	-31.95	37.00	26.89	54.00	22.06	V
12309.900	34.79	-30.66	38.91	26.54	54.00	19.21	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)
2389.575	49.84	5.35	32.26	12.23	54.00	4.16	V
2389.875	49.96	5.35	32.26	12.35	54.00	4.04	V
4824.100	29.40	-34.04	34.10	29.34	54.00	24.60	V
7235.950	31.13	-32.56	35.87	27.82	54.00	22.87	V
9648.150	34.01	-30.71	36.90	27.82	54.00	19.99	V
12060.000	35.30	-29.98	38.82	26.46	54.00	18.70	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)
2411.812	51.18	5.38	32.45	13.35	54.00	2.82	V
2462.062	51.79	5.43	32.60	13.76	54.00	2.21	V
4784.150	29.19	-33.89	34.10	28.99	54.00	24.81	H
7310.850	31.21	-32.47	35.96	27.73	54.00	22.79	H
9747.900	32.81	-31.30	36.90	27.22	54.00	21.19	H
12184.950	34.14	-30.64	39.07	25.71	54.00	19.86	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)
2483.700	48.86	5.46	32.60	10.80	54.00	5.14	V
2484.075	48.86	5.46	32.60	10.80	54.00	5.14	V
4923.850	29.94	-33.75	34.25	29.44	54.00	24.06	V
7386.100	30.96	-32.36	35.80	27.52	54.00	23.04	H
9848.000	31.82	-31.95	37.00	26.77	54.00	22.18	H
12309.900	34.48	-30.66	38.91	26.23	54.00	19.52	V

802.11n-HT40
Ch3

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)
2389.537	47.93	5.35	32.25	10.33	54.00	6.07	V
2389.875	47.92	5.35	32.26	10.31	54.00	6.08	V
4844.050	29.21	-34.13	34.10	29.24	54.00	24.79	V
7266.050	31.17	-32.52	35.93	27.76	54.00	22.83	H
9688.050	33.11	-30.89	36.82	27.18	54.00	20.89	V
12110.050	34.52	-30.20	38.92	25.80	54.00	19.48	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)
2406.825	49.97	5.38	32.43	12.16	54.00	4.03	V
2463.862	50.67	5.44	32.60	12.63	54.00	3.33	V
4874.150	28.87	-34.19	34.15	28.91	54.00	25.13	H
7310.850	30.79	-32.47	35.96	27.31	54.00	23.21	V
9747.900	32.51	-31.30	36.90	26.92	54.00	21.49	V
12184.950	33.84	-30.64	39.07	25.41	54.00	20.16	H

Ch9

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)
2483.775	48.94	5.46	32.60	10.88	54.00	5.06	V
2484.150	48.96	5.46	32.60	10.90	54.00	5.04	V
4903.900	29.43	-33.99	34.21	29.21	54.00	24.57	V
7356.000	31.12	-32.42	35.80	27.74	54.00	22.88	V
9808.100	32.16	-31.76	37.00	26.92	54.00	21.84	H
12259.850	33.91	-30.70	38.98	25.63	54.00	20.09	H

Conclusion: Pass

Sample calculation: 2483.775MHz

$$\text{Peak ERP(dBm)} = P_{\text{Mea}}(10.88\text{dBuV/m}) + \text{Cable Loss}(5.46) + \text{Antenna Factor}(32.60) = 48.94 \text{ dBuV/m}$$

Test graphs as below:

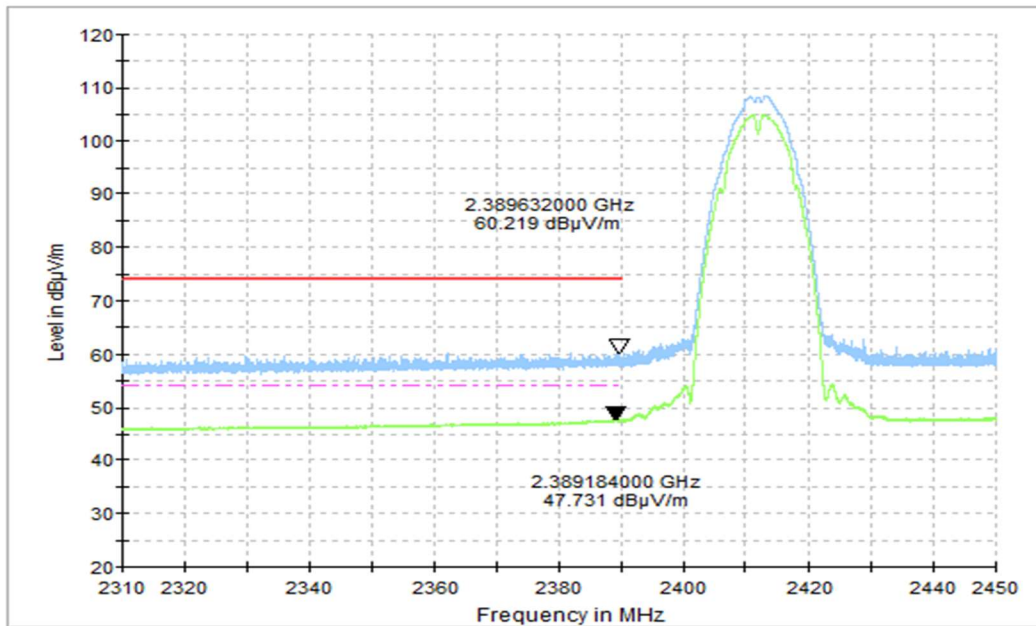


Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.43GHz

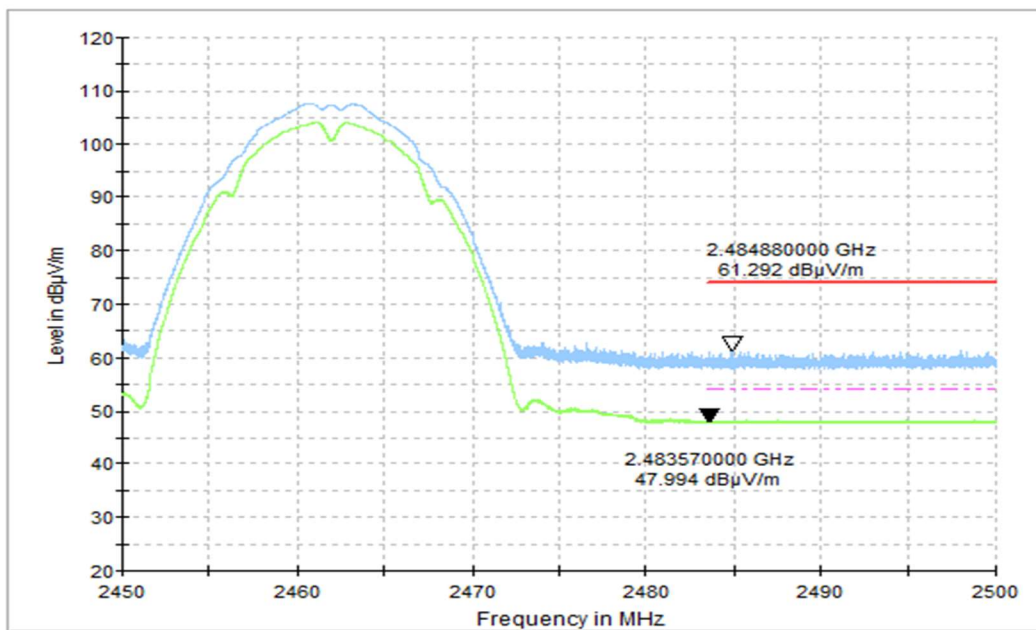


Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

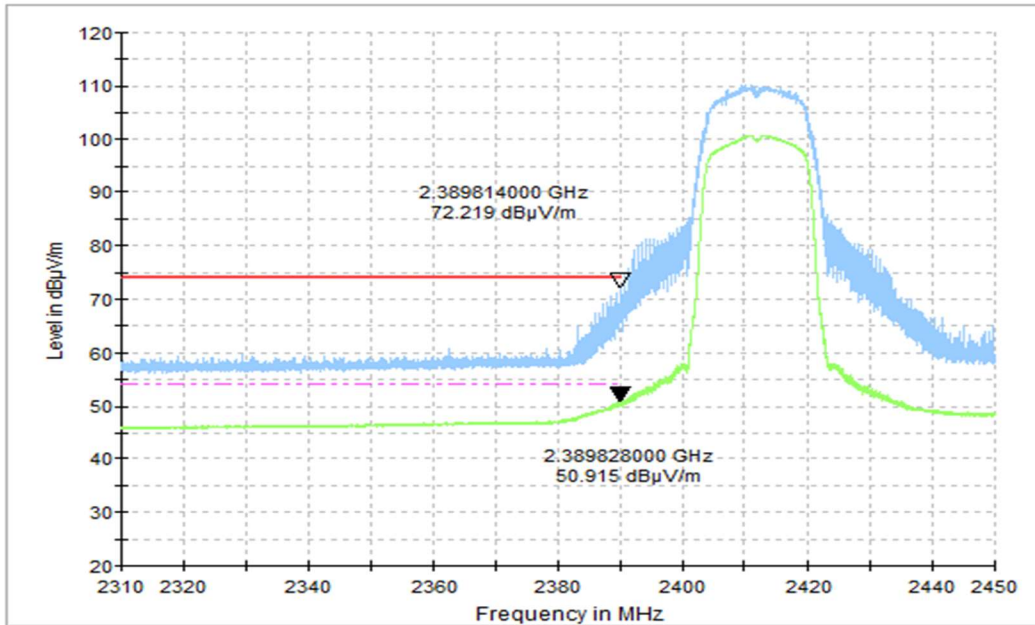


Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31 GHz - 2.43GHz

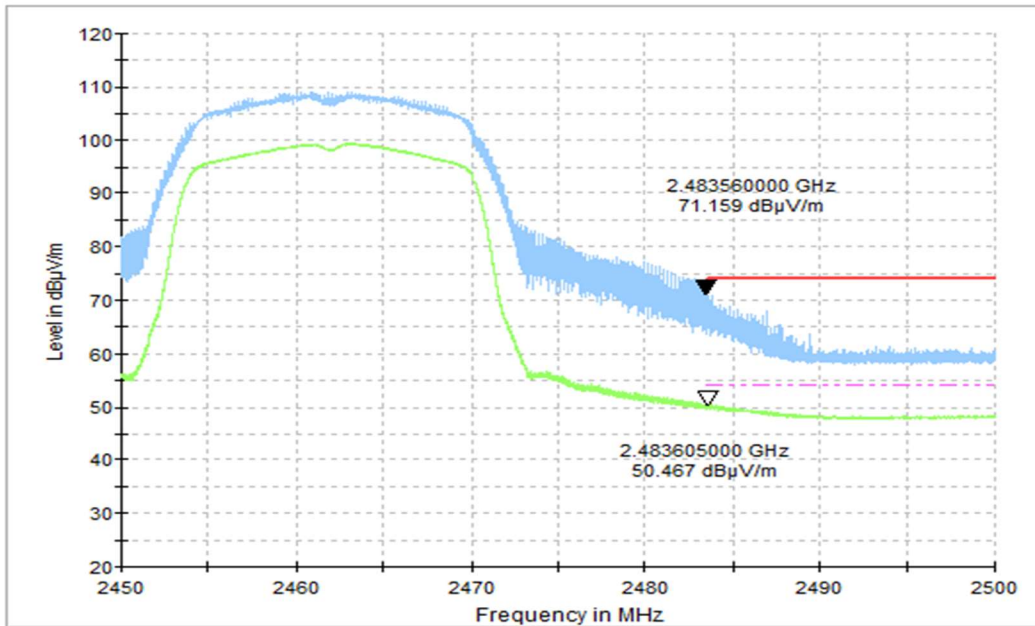


Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

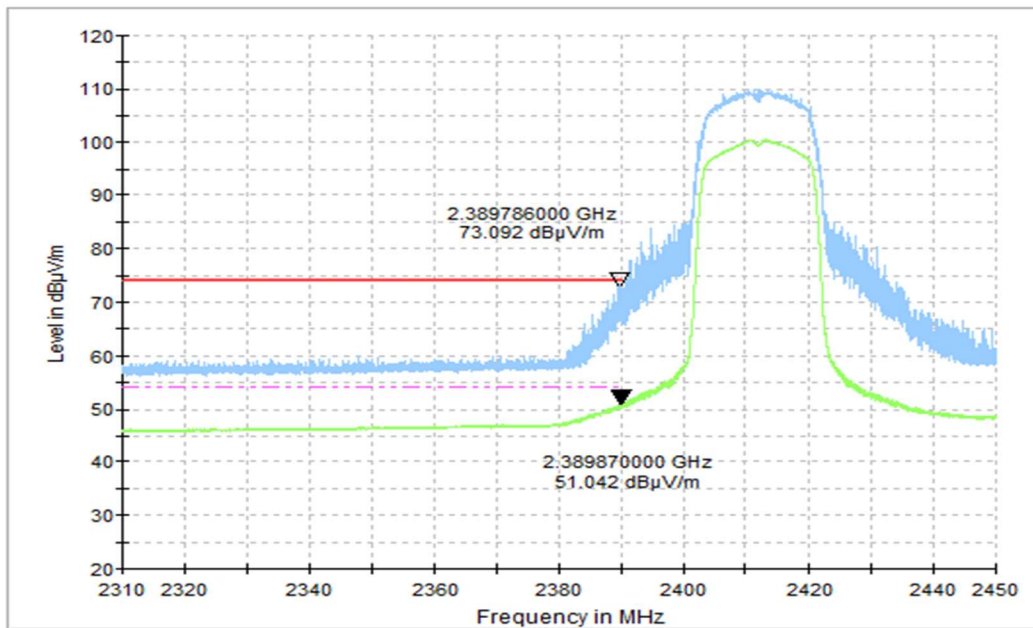


Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.43GHz

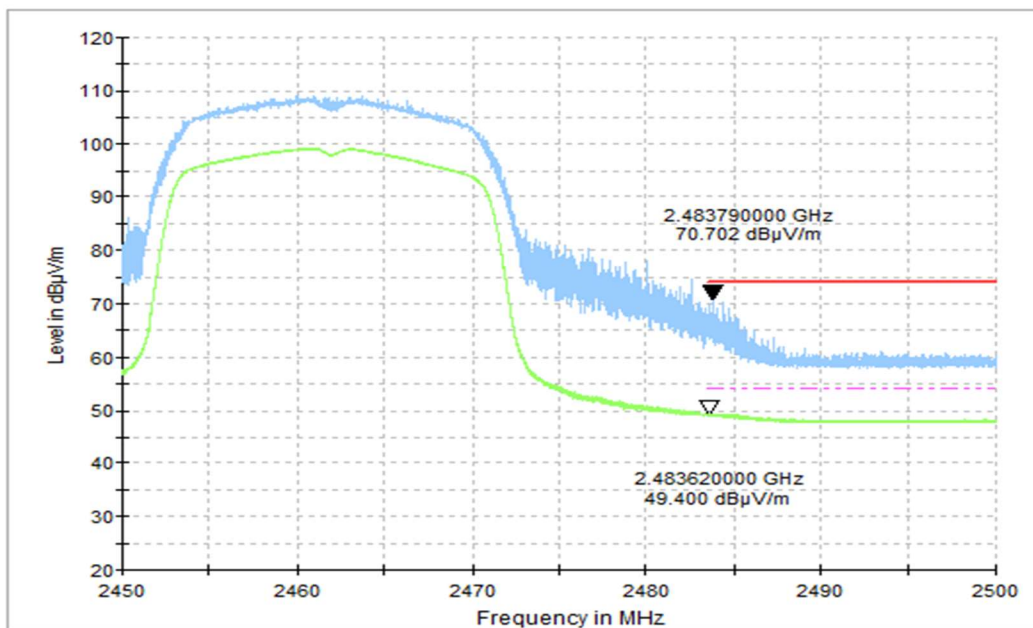


Fig.A.6.2.6 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

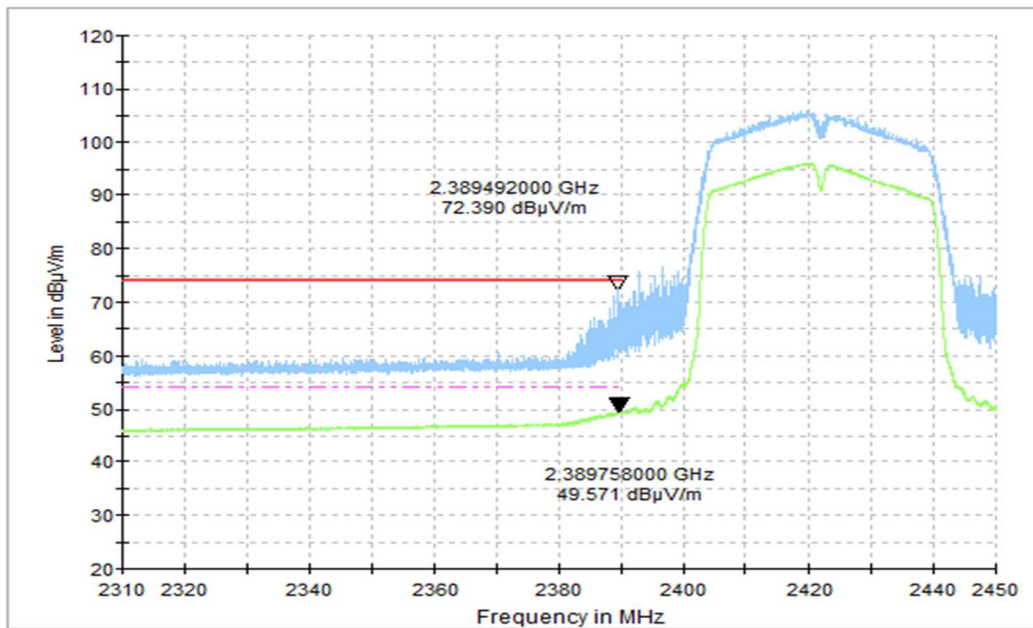


Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch3, 2.31 GHz - 2.43GHz

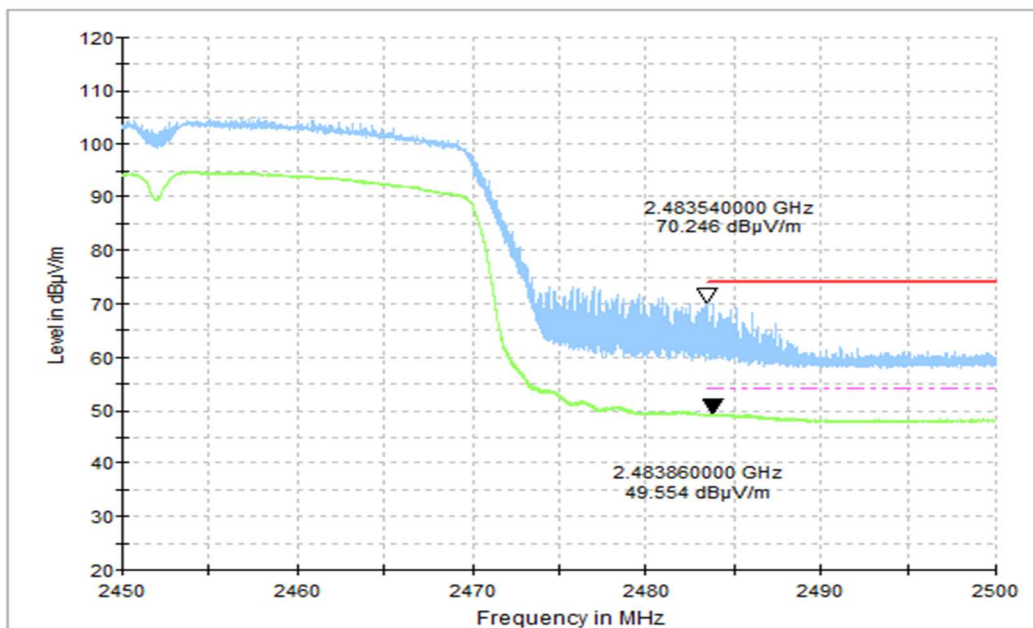


Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

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 (dB μ V)	Result (dB μ V)		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 (dB μ V)	Result (dB μ V)		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:

Measurement results for UT23a:

Result for Traffic:

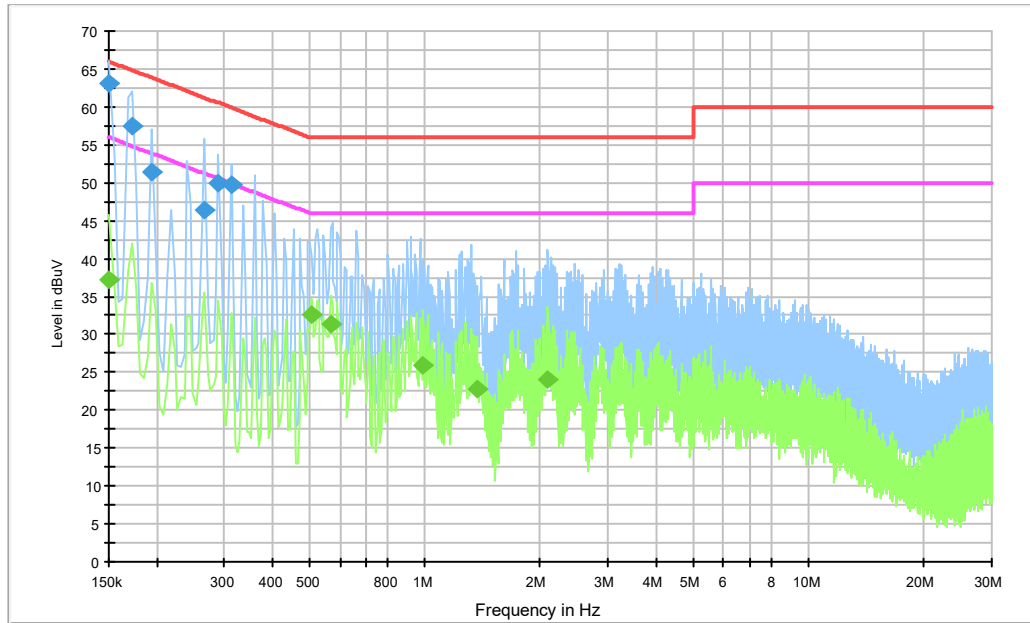


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150	63.04	N	9.89	43.27	66.00
0.173	57.44	N	9.88	37.69	64.80
0.195	51.46	N	9.86	31.75	63.80
0.267	46.48	L1	9.84	26.78	61.20
0.290	49.84	N	9.86	30.11	60.50
0.312	49.73	N	9.87	29.98	59.90

Final Result 2

Frequency (MHz)	Average (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150	37.19	L1	9.88	17.43	56.00
0.506	32.56	N	9.87	12.78	46.00
0.569	31.36	N	9.91	11.57	46.00
0.992	25.92	N	9.89	6.16	46.00
1.370	22.76	N	9.87	3.00	46.00
2.094	24.13	N	9.86	4.41	46.00

Measurement results for UT23a:

Result for Idle:

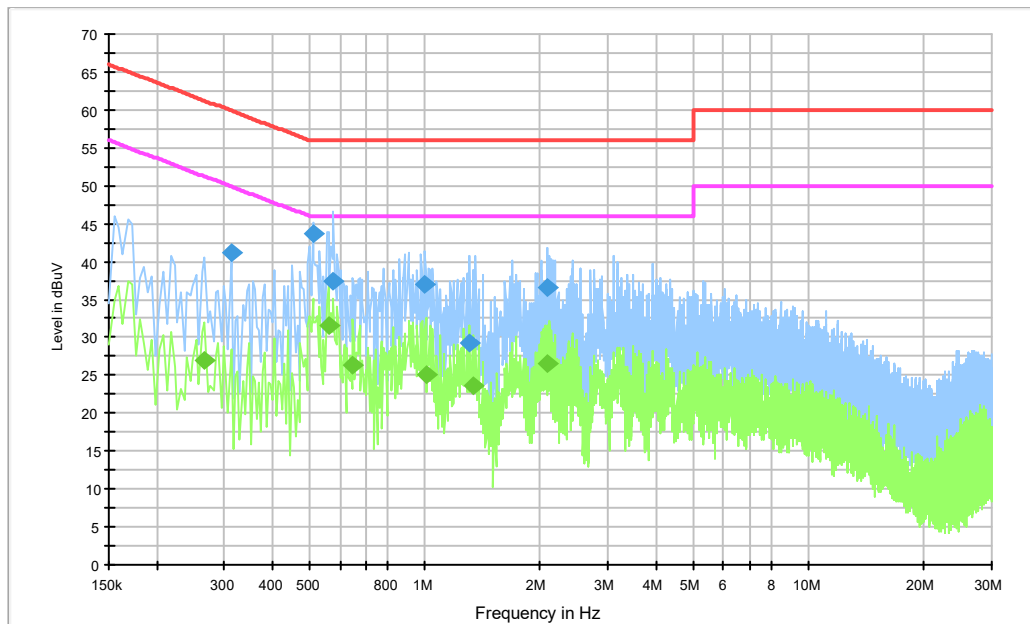


Fig.A.7.2 AC Powerline Conducted Emission-Idle

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.312	41.12	L1	9.87	21.38	59.90
0.510	43.60	L1	9.88	23.86	56.00
0.578	37.47	N	9.87	17.75	56.00
1.001	36.91	L1	9.86	17.19	56.00
1.307	29.17	N	9.85	9.47	56.00
2.085	36.47	L1	9.86	16.75	56.00

Final Result 2

Frequency (MHz)	Average (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.267	26.95	N	9.84	7.25	51.20
0.560	31.50	N	9.87	11.78	46.00
0.650	26.27	N	9.86	6.54	46.00
1.005	25.02	N	9.85	5.31	46.00
1.329	23.64	N	9.86	3.93	46.00
2.085	26.50	L1	9.86	6.79	46.00

ANNEX B: EUT parameters

Disclaimer: The antenna gain and worse case 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

<p>United States Department of Commerce National Institute of Standards and Technology</p>  	
<hr/> Certificate of Accreditation to ISO/IEC 17025:2017 <hr/>	
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 17025:2017. 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).</i>	
2022-10-01 through 2023-09-30 <i>Effective Dates</i>	  <i>For the National Voluntary Laboratory Accreditation Program</i>

END OF REPORT