A.3 Conducted Spurious Emissions

Test Data

802.11b Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.04	8.33	-11.68	Pass
Middle	-33.45	8.40	-11.60	Pass
High	-33.55	8.55	-11.45	Pass

802.11g Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.83	6.99	-13.01	Pass
Middle	-34.23	7.38	-12.63	Pass
High	-34.56	6.95	-13.05	Pass

802.11n-20MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.24	7.07	-12.93	Pass
Middle	-33.47	7.25	-12.75	Pass
High	-35.28	7.48	-12.53	Pass

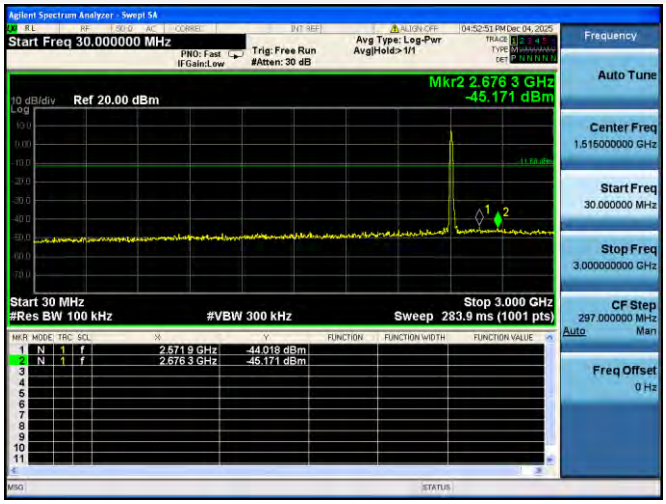
802.11n-40MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.72	4.07	-15.93	Pass
Middle	-35.45	4.26	-15.74	Pass
High	-34.21	4.45	-15.55	Pass

Test Plots

802.11b LOW CHANNEL CARRIER LEVEL

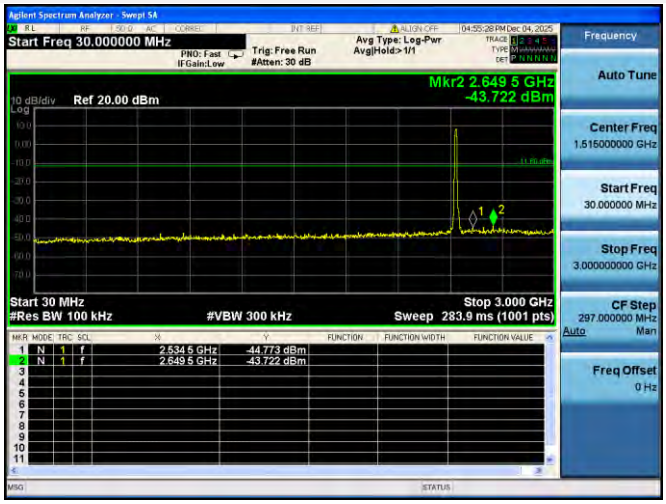
802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



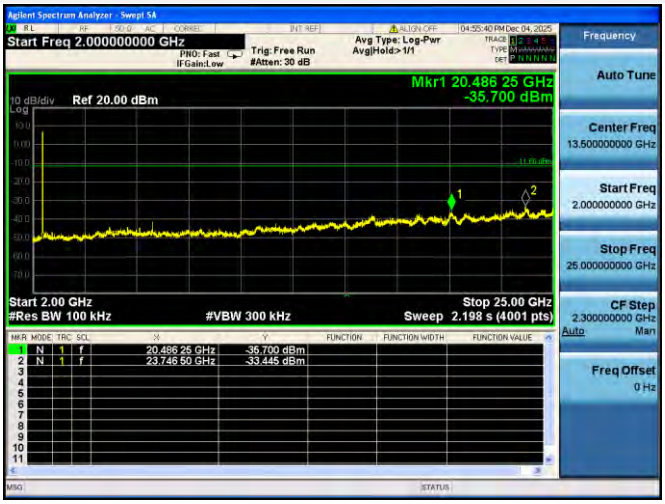
802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11b MIDDLE CHANNEL CARRIER LEVEL

802.11b MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

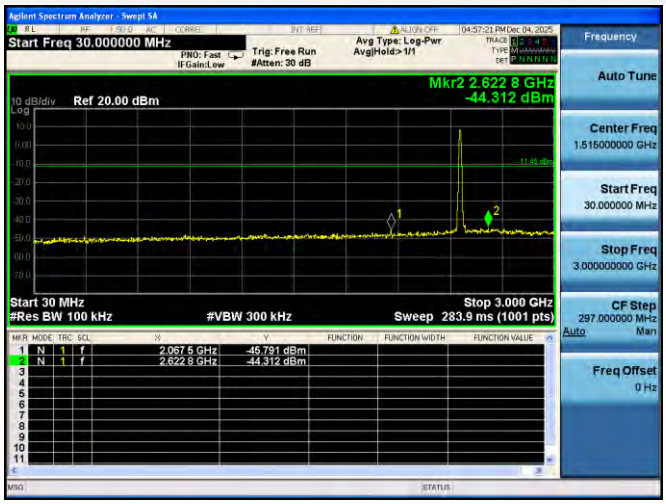


802.11b MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

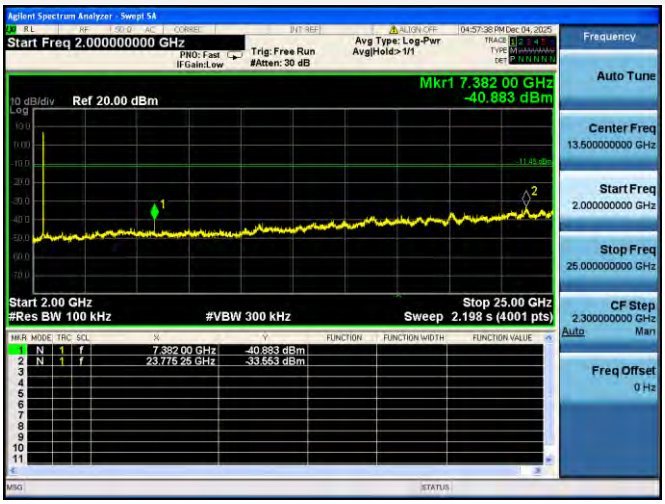


802.11b HIGH CHANNEL CARRIER LEVEL

802.11b HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

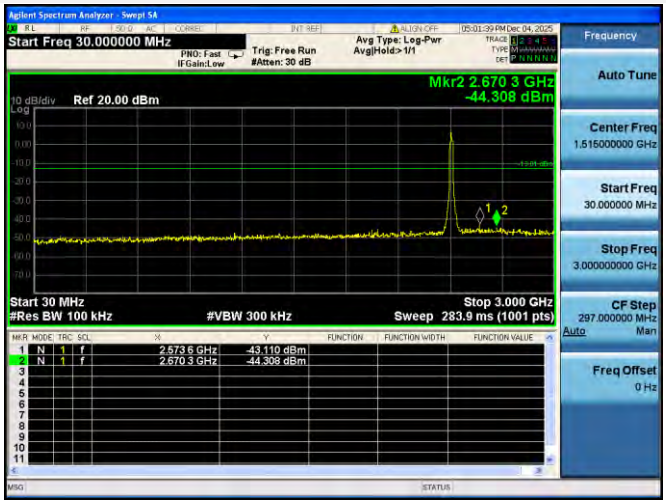


802.11b HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



802.11g LOW CHANNEL CARRIER LEVEL

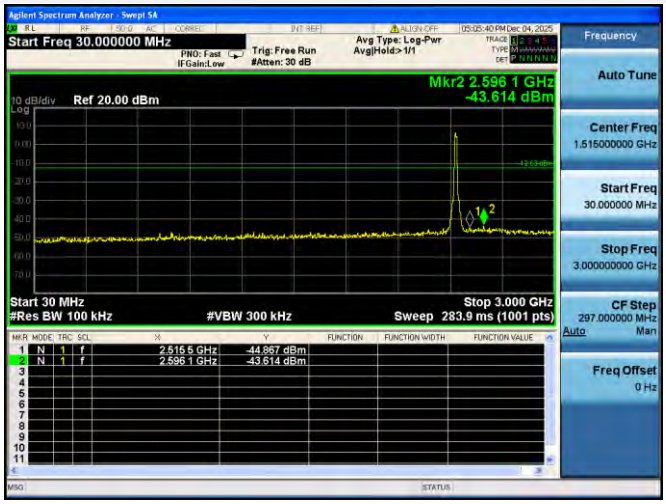
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



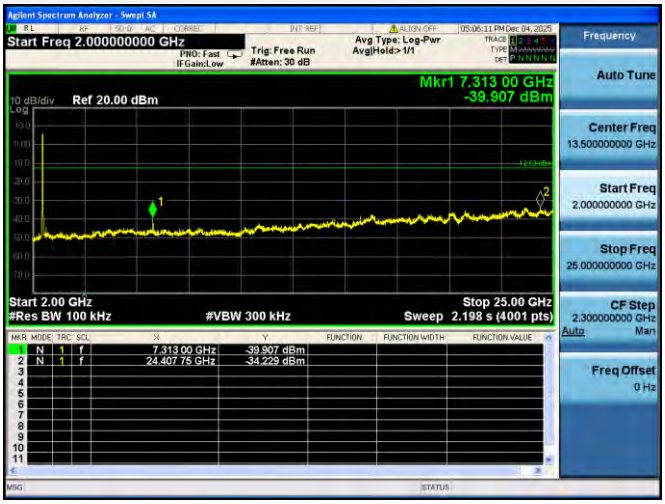
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11g MIDDLE CHANNEL CARRIER LEVEL

802.11g MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

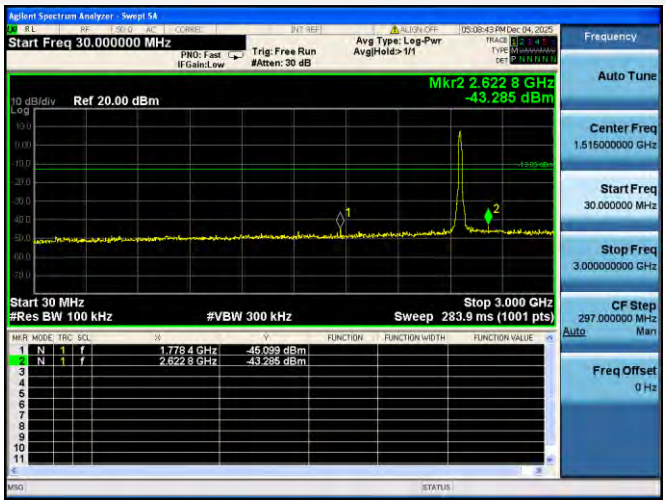


802.11g MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

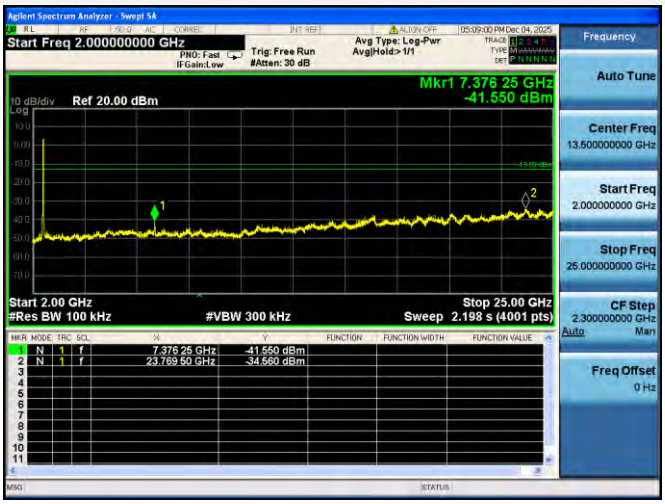


802.11g HIGH CHANNEL CARRIER LEVEL

802.11g HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

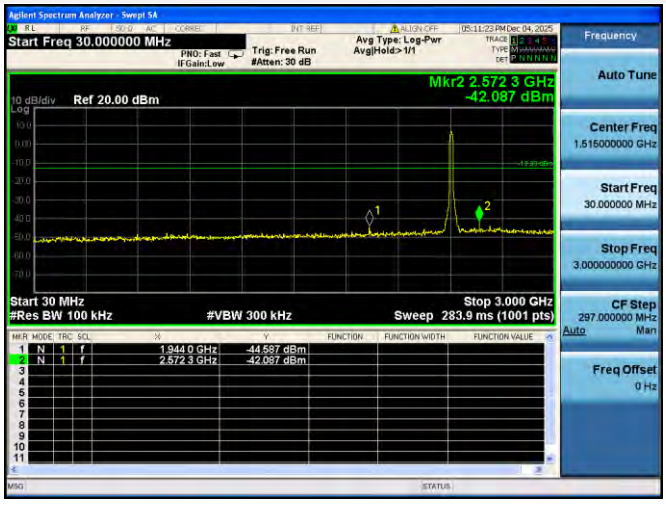


802.11g HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

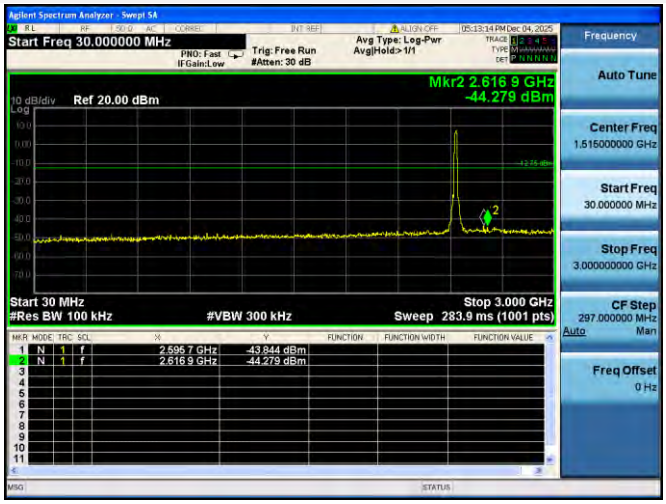
802.11n-20 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



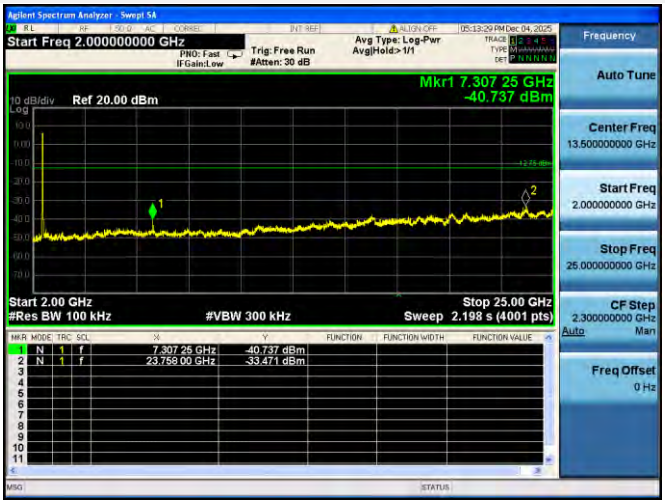
802.11n-20 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL

802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

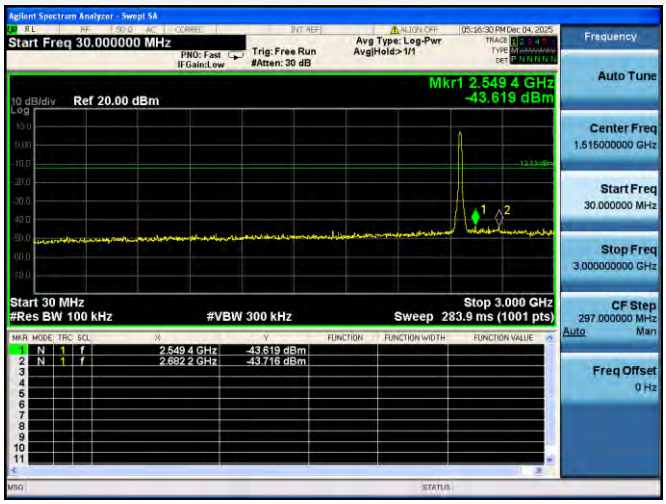


802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

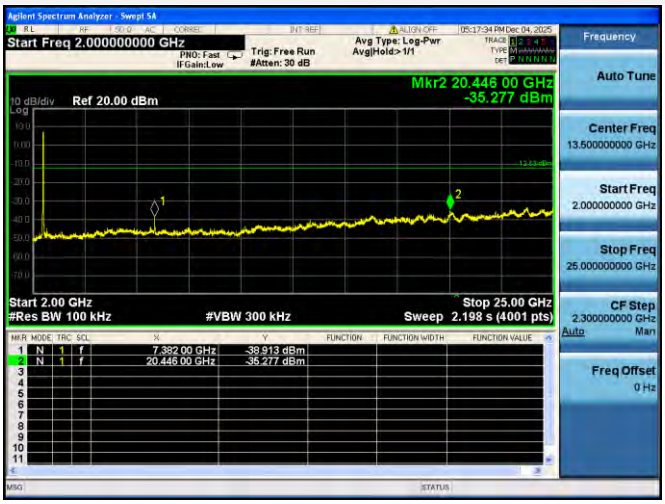


802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL

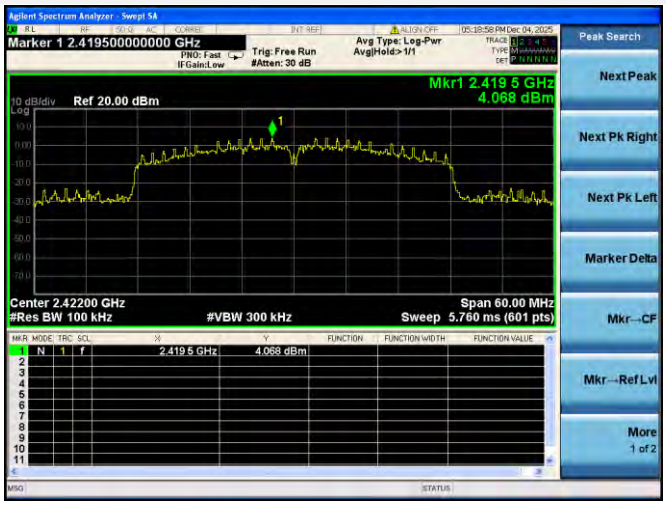
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



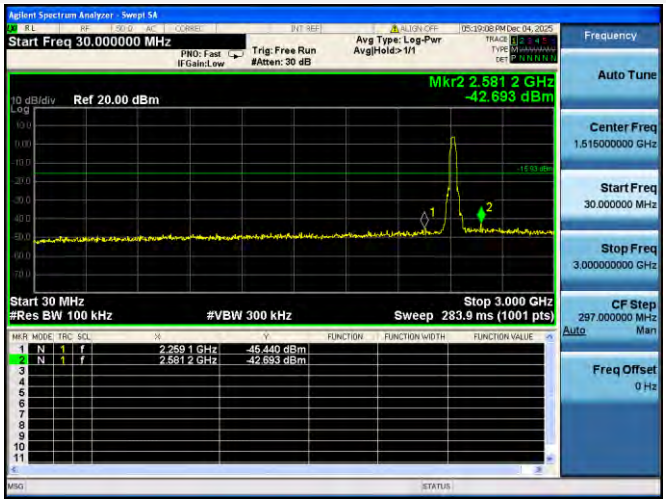
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



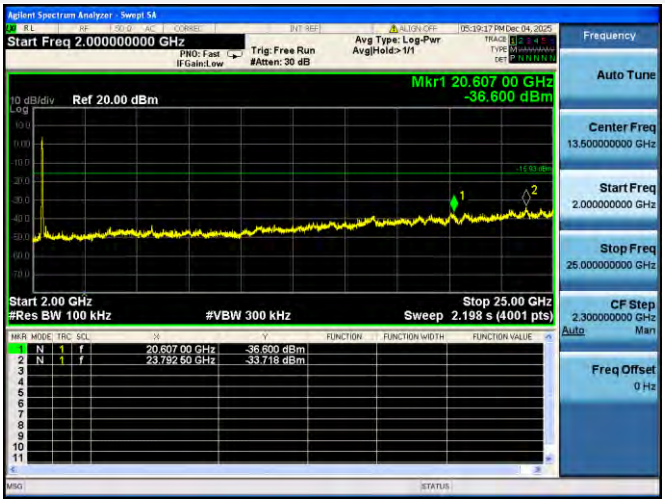
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



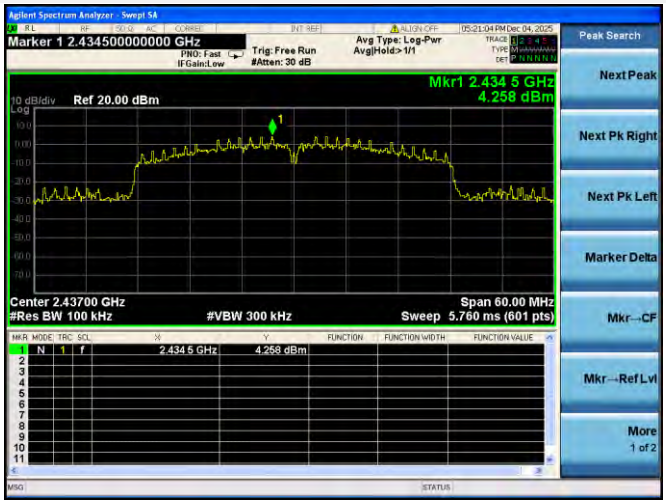
802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



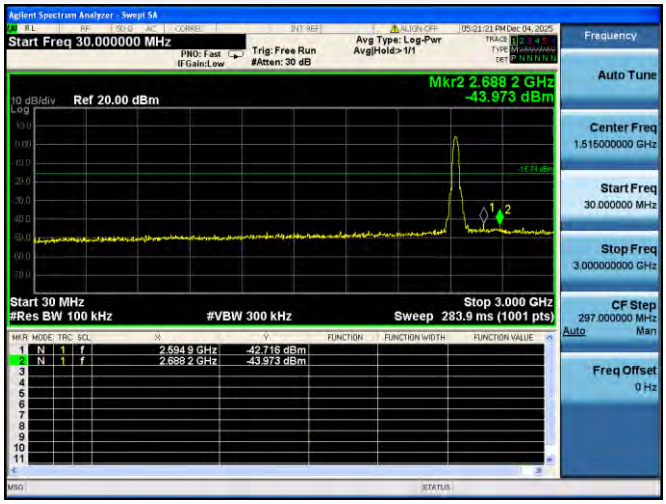
802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



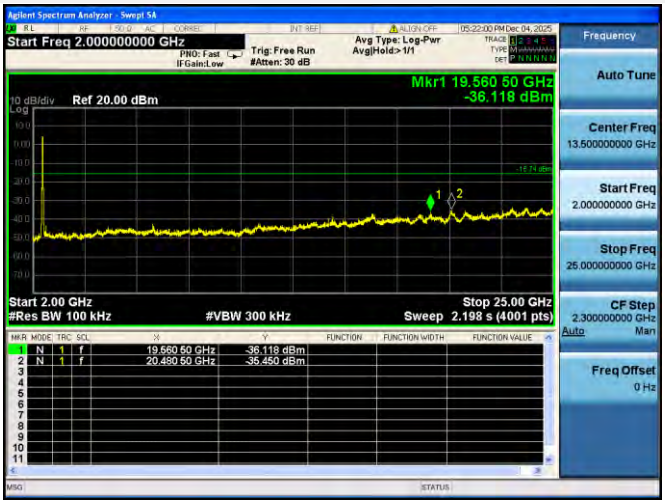
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



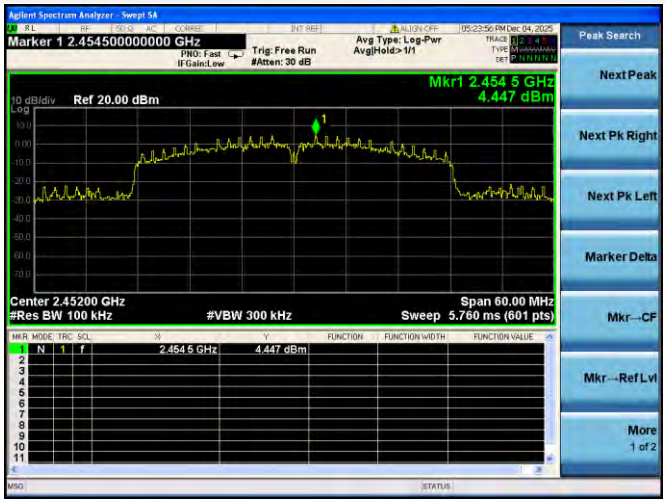
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



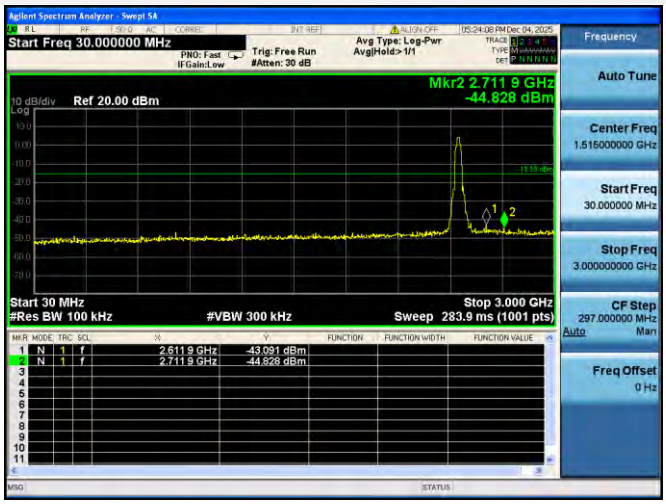
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



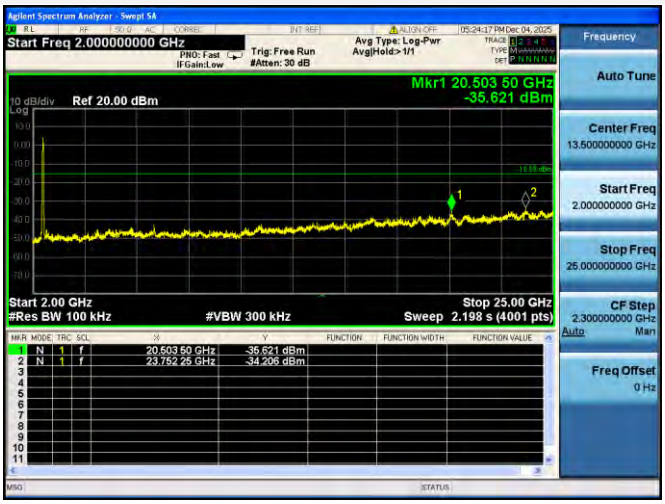
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Test Data

802.11b Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.08	8.33	-11.68	Pass
High Channel	-43.83	8.55	-11.45	Pass

802.11g Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.20	6.99	-13.01	Pass
High Channel	-33.84	6.95	-13.05	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.99	7.07	-12.93	Pass
High Channel	-34.04	7.48	-12.53	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.46	4.07	-15.93	Pass
High Channel	-25.12	4.45	-15.55	Pass

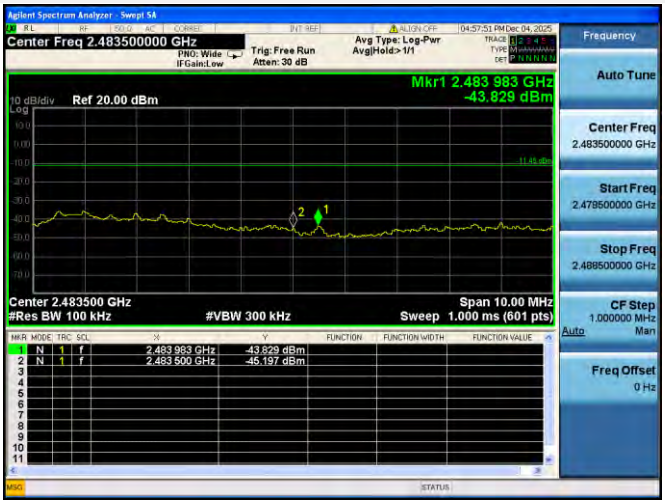
Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE

802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, BAND EDGE

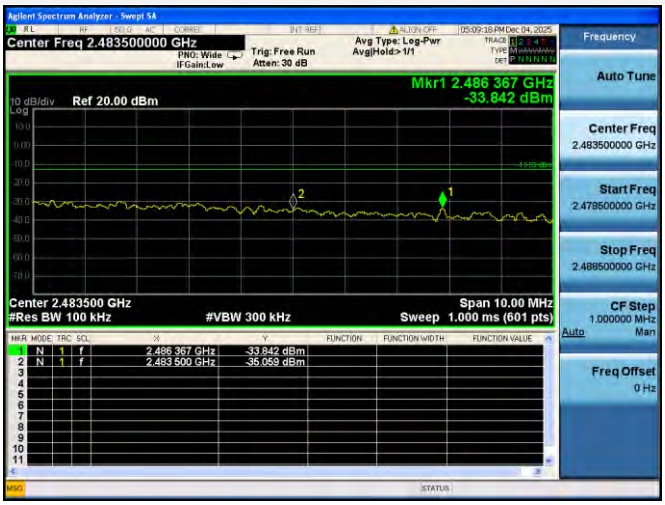


802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, BAND EDGE

802.11g HIGH CHANNEL, CARRIER LEVEL

802.11g HIGH CHANNEL, BAND EDGE

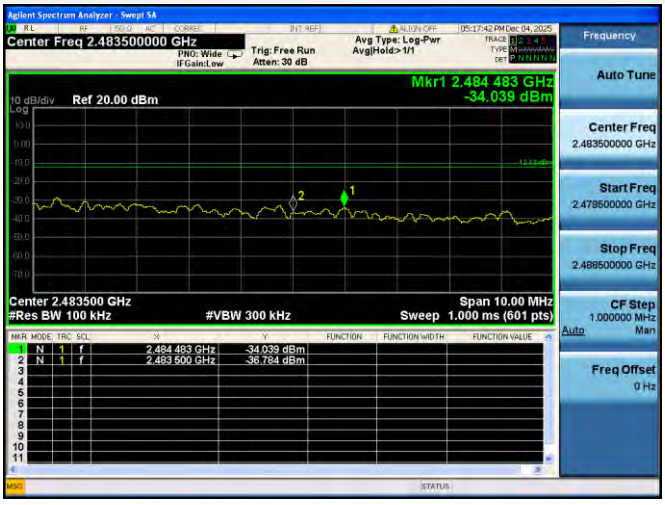


802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

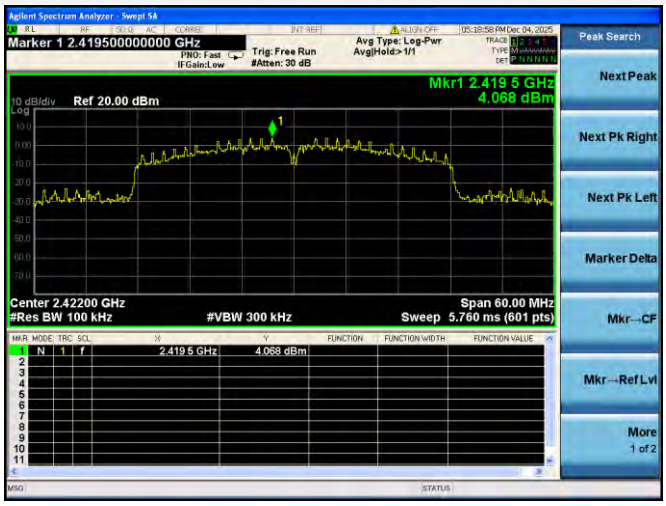
802.11n-20 MHz LOW CHANNEL, BAND EDGE

802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL

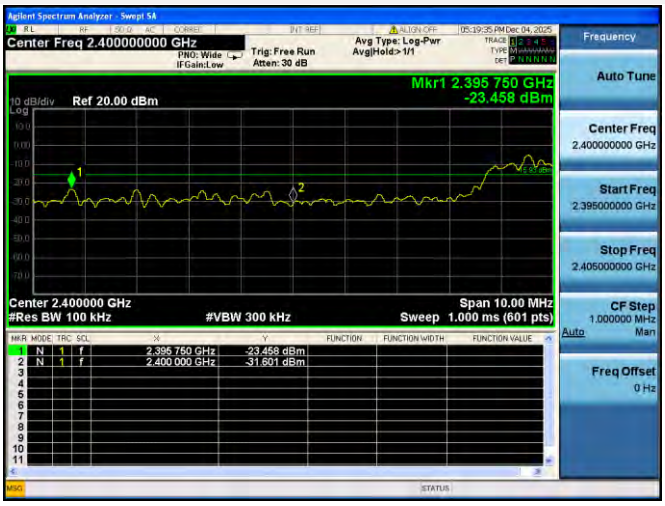
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



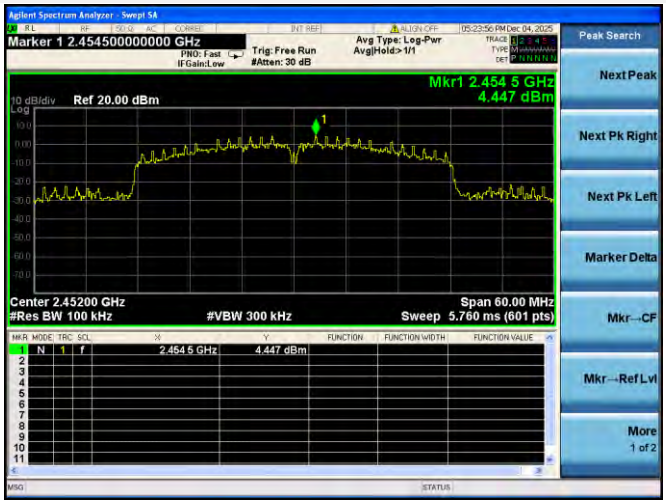
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



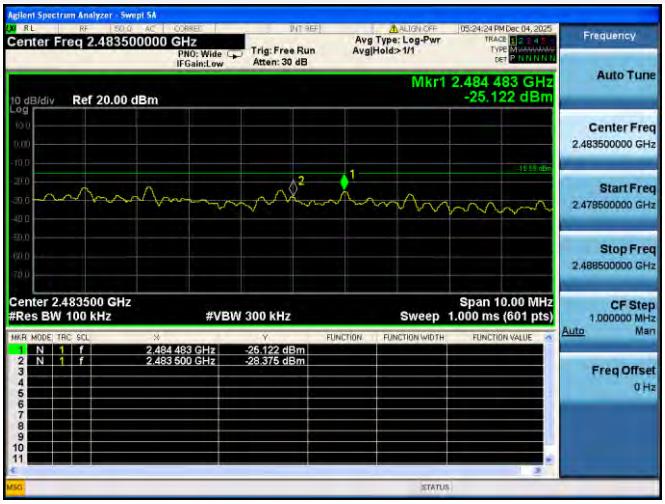
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

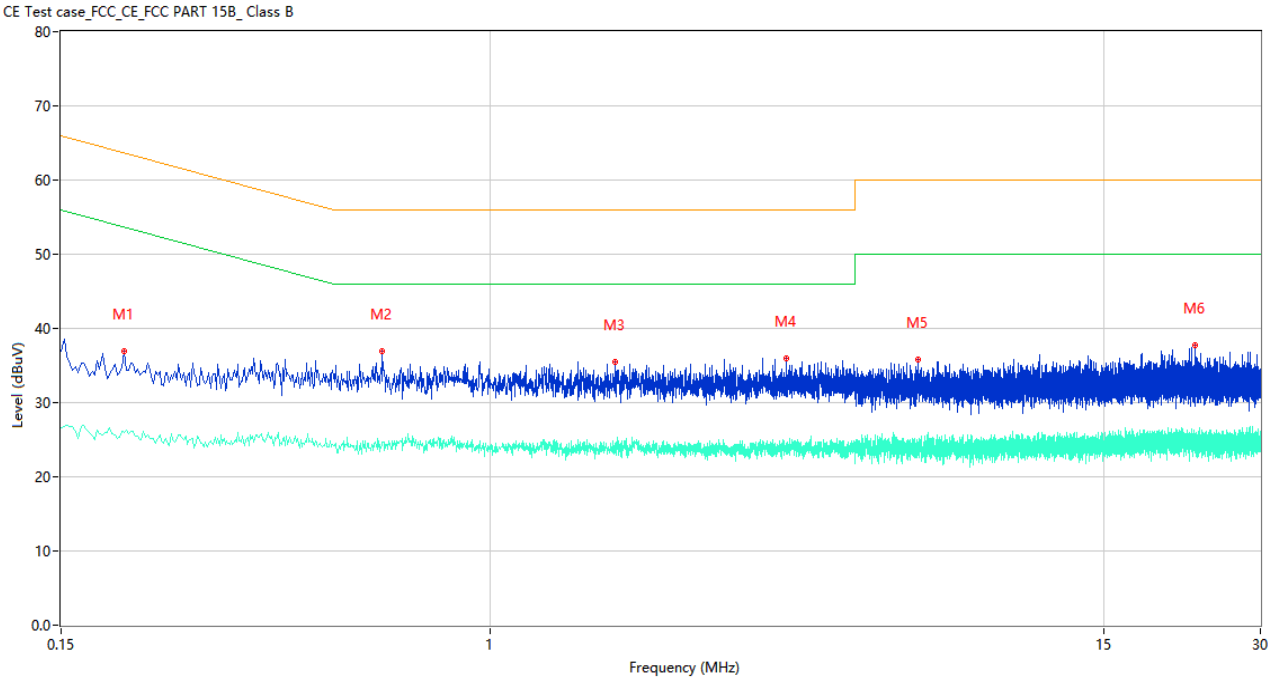
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note [3]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

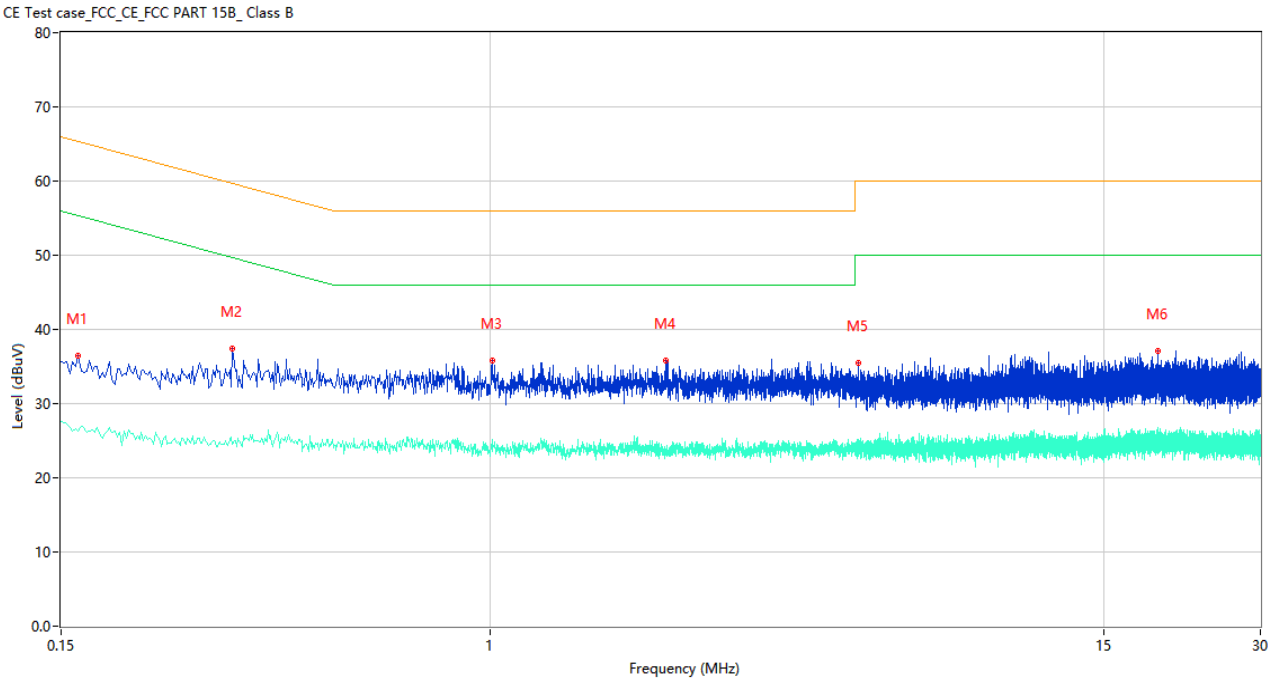
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.198	37.01	9.84	63.69	26.68	Peak	L	Pass
1**	0.198	25.89	9.84	53.69	27.80	AV	L	Pass
2	0.620	36.87	10.24	56.00	19.13	Peak	L	Pass
2**	0.620	24.64	10.24	46.00	21.36	AV	L	Pass
3	1.732	35.53	10.22	56.00	20.47	Peak	L	Pass
3**	1.732	23.22	10.22	46.00	22.78	AV	L	Pass
4	3.692	35.94	10.31	56.00	20.06	Peak	L	Pass
4**	3.692	24.15	10.31	46.00	21.85	AV	L	Pass
5	6.626	35.88	10.57	60.00	24.12	Peak	L	Pass
5**	6.626	24.54	10.57	50.00	25.46	AV	L	Pass
6	22.430	37.67	11.24	60.00	22.33	Peak	L	Pass
6**	22.430	25.76	11.24	50.00	24.24	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	36.44	9.85	65.36	28.92	Peak	N	Pass
1**	0.162	26.30	9.85	55.36	29.06	AV	N	Pass
2	0.320	37.34	10.22	59.71	22.37	Peak	N	Pass
2**	0.320	24.49	10.22	49.71	25.22	AV	N	Pass
3	1.006	35.77	10.06	56.00	20.23	Peak	N	Pass
3**	1.006	25.08	10.06	46.00	20.92	AV	N	Pass
4	2.164	35.76	10.18	56.00	20.24	Peak	N	Pass
4**	2.164	23.79	10.18	46.00	22.21	AV	N	Pass
5	5.070	35.50	10.36	60.00	24.50	Peak	N	Pass
5**	5.070	24.90	10.36	50.00	25.10	AV	N	Pass
6	19.088	37.14	11.13	60.00	22.86	Peak	N	Pass
6**	19.088	25.59	11.13	50.00	24.41	AV	N	Pass

A.6 Radiated Emission

Note [1]: The symbol of "--" in the table which means not application.

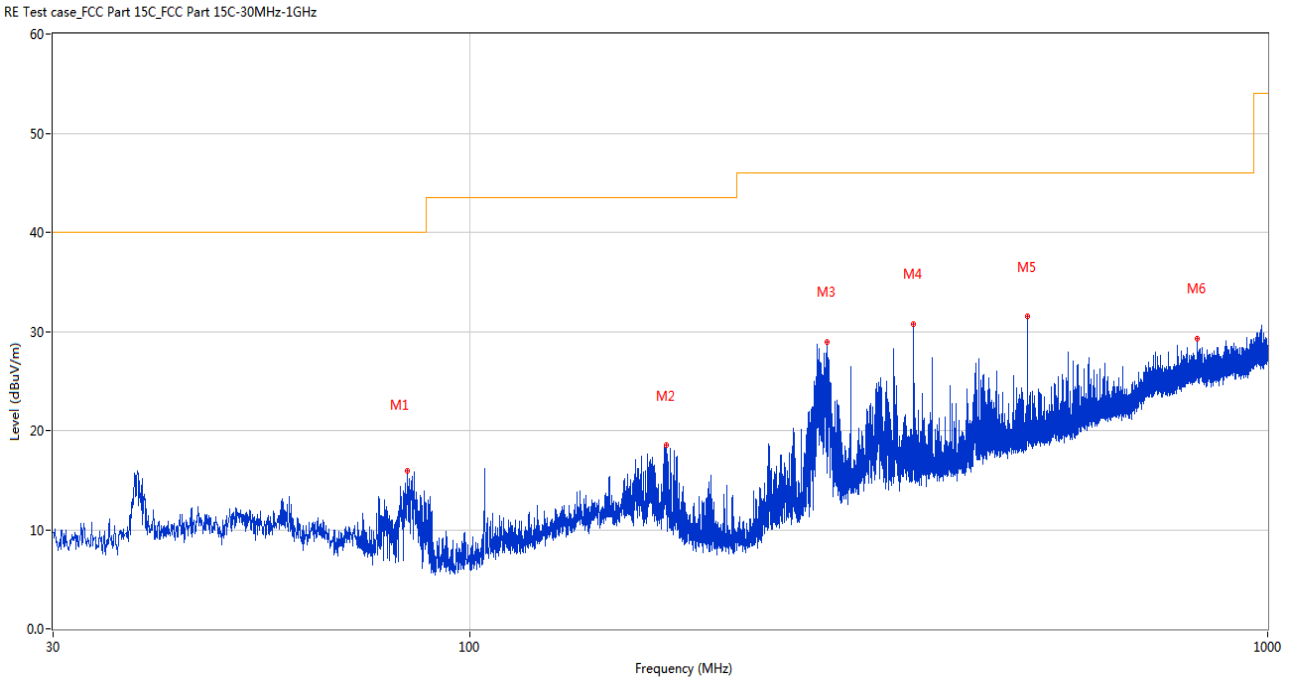
Note [2]: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

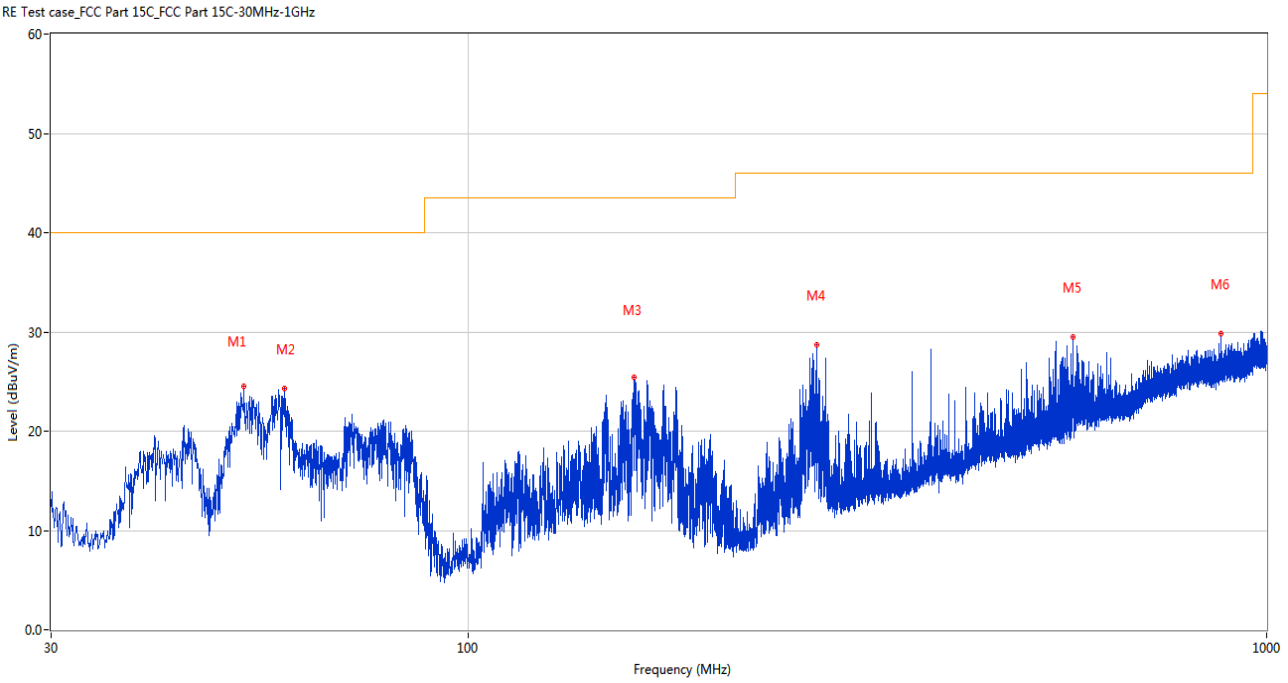
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	83.544	15.89	-30.30	40.0	24.11	Peak	0.00	200	Horizontal	Pass
2	176.082	18.54	-25.78	43.5	24.96	Peak	275.00	100	Horizontal	Pass
3	280.017	28.96	-24.17	46.0	17.04	Peak	151.00	100	Horizontal	Pass
4	360.042	30.78	-22.03	46.0	15.22	Peak	2.00	100	Horizontal	Pass
5	499.965	31.51	-17.99	46.0	14.49	Peak	295.00	200	Horizontal	Pass
6	816.524	29.30	-11.37	46.0	16.70	Peak	293.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.310	24.50	-25.74	40.0	15.50	Peak	95.00	100	Vertical	Pass
2	58.761	24.34	-26.29	40.0	15.66	Peak	108.00	100	Vertical	Pass
3	161.338	25.47	-24.80	43.5	18.03	Peak	162.00	100	Vertical	Pass
4	272.791	28.69	-24.59	46.0	17.31	Peak	203.00	100	Vertical	Pass
5	571.696	29.53	-16.52	46.0	16.47	Peak	135.00	100	Vertical	Pass
6	876.374	29.85	-11.47	46.0	16.15	Peak	203.00	100	Vertical	Pass

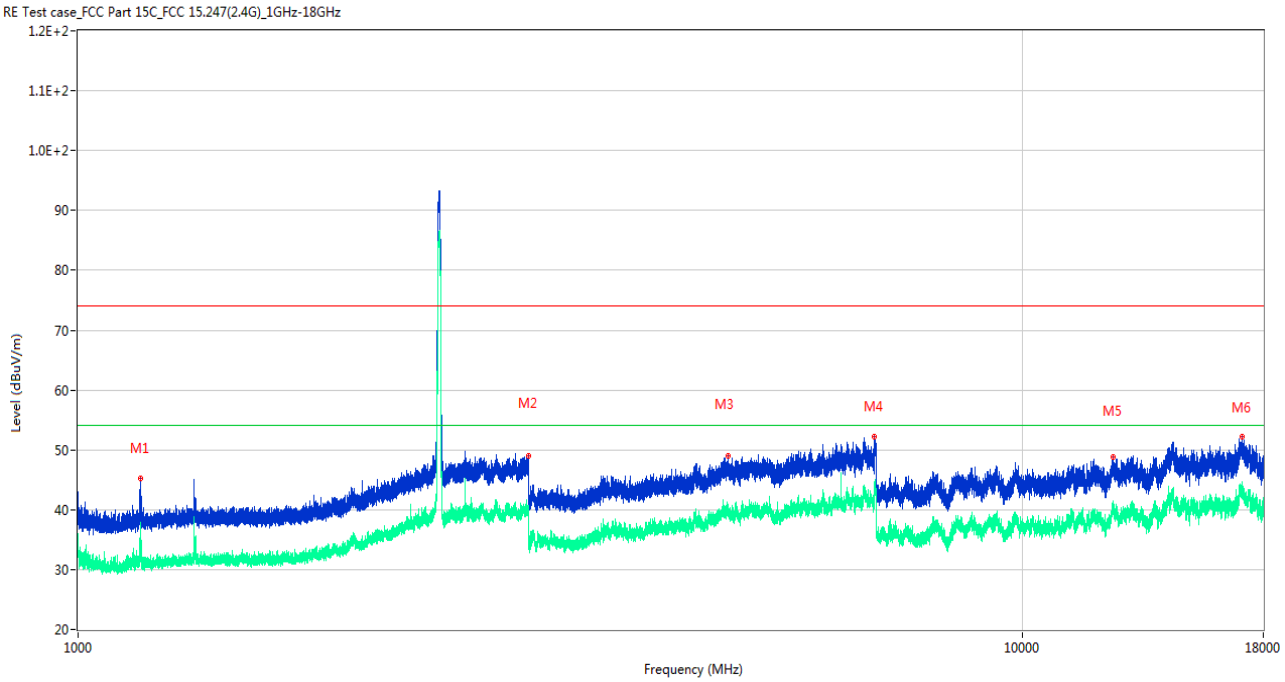
Note [1]: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note [2]: The spurious above 18G is noise only, do not show on the report.

1 GHz to 18 GHz, ANT H 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.292	45.32	74.0	28.69	Peak	214.00	300	Horizontal	Pass
1**	1168.292	32.22	54.0	21.78	AV	214.00	300	Horizontal	Pass
2	3001.461	48.97	74.0	25.03	Peak	57.00	300	Horizontal	Pass
2**	3001.461	40.52	54.0	13.48	AV	57.00	300	Horizontal	Pass
3	4885.177	48.97	74.0	25.03	Peak	300.00	200	Horizontal	Pass
3**	4885.177	39.74	54.0	14.26	AV	300.00	200	Horizontal	Pass
4	6977.390	52.40	74.0	21.60	Peak	6.00	400	Horizontal	Pass
4**	6977.390	43.59	54.0	10.41	AV	6.00	400	Horizontal	Pass
5	12486.299	49.01	74.0	24.99	Peak	263.00	400	Horizontal	Pass
5**	12486.299	40.45	54.0	13.55	AV	263.00	400	Horizontal	Pass
6	17100.936	52.34	74.0	21.66	Peak	47.00	200	Horizontal	Pass
6**	17100.936	43.79	54.0	10.21	AV	47.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.998	42.67	74.0	31.33	Peak	295.00	300	Vertical	Pass
1**	1330.998	31.13	54.0	22.87	AV	295.00	300	Vertical	Pass
2	2082.174	50.66	74.0	23.34	Peak	283.00	100	Vertical	Pass
2**	2082.174	44.20	54.0	9.80	AV	283.00	100	Vertical	Pass
3	6801.439	52.48	74.0	21.52	Peak	324.00	200	Vertical	Pass
3**	6801.439	43.29	54.0	10.71	AV	324.00	200	Vertical	Pass
4	7967.892	56.46	74.0	17.54	Peak	67.00	200	Vertical	Pass
4**	7967.892	43.57	54.0	10.43	AV	67.00	200	Vertical	Pass
5	12461.501	49.91	74.0	24.09	Peak	144.00	100	Vertical	Pass
5**	12461.501	39.95	54.0	14.05	AV	144.00	100	Vertical	Pass
6	17104.098	51.85	74.0	22.15	Peak	67.00	400	Vertical	Pass
6**	17104.098	43.08	54.0	10.92	AV	67.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.765	44.39	74.0	29.62	Peak	289.00	100	Horizontal	Pass
1**	1163.765	31.52	54.0	22.48	AV	289.00	100	Horizontal	Pass
2	2997.054	48.12	74.0	25.88	Peak	137.00	300	Horizontal	Pass
2**	2997.054	39.86	54.0	14.14	AV	137.00	300	Horizontal	Pass
3	4886.073	48.48	74.0	25.52	Peak	351.00	200	Horizontal	Pass
3**	4886.073	39.30	54.0	14.70	AV	351.00	200	Horizontal	Pass
4	6978.195	51.42	74.0	22.58	Peak	205.00	100	Horizontal	Pass
4**	6978.195	42.67	54.0	11.33	AV	205.00	100	Horizontal	Pass
5	12485.186	48.23	74.0	25.77	Peak	304.00	200	Horizontal	Pass
5**	12485.186	40.44	54.0	13.56	AV	304.00	200	Horizontal	Pass
6	17101.353	52.07	74.0	21.93	Peak	207.00	100	Horizontal	Pass
6**	17101.353	42.90	54.0	11.10	AV	207.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.662	41.91	74.0	32.09	Peak	39.00	300	Vertical	Pass
1**	1329.662	30.23	54.0	23.77	AV	39.00	300	Vertical	Pass
2	2076.941	50.38	74.0	23.62	Peak	179.00	100	Vertical	Pass
2**	2076.941	43.40	54.0	10.60	AV	179.00	100	Vertical	Pass
3	6803.358	51.64	74.0	22.36	Peak	45.00	200	Vertical	Pass
3**	6803.358	43.18	54.0	10.82	AV	45.00	200	Vertical	Pass
4	7964.784	56.01	74.0	17.99	Peak	291.00	200	Vertical	Pass
4**	7964.784	42.57	54.0	11.43	AV	291.00	200	Vertical	Pass
5	12464.555	49.41	74.0	24.59	Peak	238.00	300	Vertical	Pass
5**	12464.555	39.14	54.0	14.86	AV	238.00	300	Vertical	Pass
6	17102.618	51.05	74.0	22.95	Peak	93.00	200	Vertical	Pass
6**	17102.618	42.39	54.0	11.61	AV	93.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.002	44.73	74.0	29.28	Peak	102.00	400	Horizontal	Pass
1**	1168.002	31.99	54.0	22.01	AV	102.00	400	Horizontal	Pass
2	2997.671	48.22	74.0	25.78	Peak	125.00	100	Horizontal	Pass
2**	2997.671	39.68	54.0	14.32	AV	125.00	100	Horizontal	Pass
3	4879.204	48.10	74.0	25.90	Peak	8.00	200	Horizontal	Pass
3**	4879.204	38.95	54.0	15.05	AV	8.00	200	Horizontal	Pass
4	6974.084	52.03	74.0	21.97	Peak	260.00	100	Horizontal	Pass
4**	6974.084	42.91	54.0	11.09	AV	260.00	100	Horizontal	Pass
5	12483.199	48.72	74.0	25.28	Peak	110.00	100	Horizontal	Pass
5**	12483.199	40.30	54.0	13.70	AV	110.00	100	Horizontal	Pass
6	17097.275	51.96	74.0	22.04	Peak	106.00	300	Horizontal	Pass
6**	17097.275	43.24	54.0	10.76	AV	106.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.863	42.43	74.0	31.57	Peak	314.00	100	Vertical	Pass
1**	1330.863	30.38	54.0	23.62	AV	314.00	100	Vertical	Pass
2	2080.134	50.47	74.0	23.53	Peak	48.00	200	Vertical	Pass
2**	2080.134	43.71	54.0	10.29	AV	48.00	200	Vertical	Pass
3	6804.220	51.64	74.0	22.36	Peak	73.00	200	Vertical	Pass
3**	6804.220	43.24	54.0	10.76	AV	73.00	200	Vertical	Pass
4	7967.304	55.84	74.0	18.16	Peak	242.00	300	Vertical	Pass
4**	7967.304	43.23	54.0	10.77	AV	242.00	300	Vertical	Pass
5	12460.840	49.82	74.0	24.18	Peak	120.00	400	Vertical	Pass
5**	12460.840	39.82	54.0	14.18	AV	120.00	400	Vertical	Pass
6	17102.936	50.86	74.0	23.14	Peak	229.00	400	Vertical	Pass
6**	17102.936	42.12	54.0	11.88	AV	229.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.398	44.35	74.0	29.66	Peak	137.00	100	Horizontal	Pass
1**	1168.398	31.71	54.0	22.29	AV	137.00	100	Horizontal	Pass
2	3001.735	48.37	74.0	25.63	Peak	264.00	300	Horizontal	Pass
2**	3001.735	39.57	54.0	14.43	AV	264.00	300	Horizontal	Pass
3	4883.565	48.64	74.0	25.36	Peak	294.00	200	Horizontal	Pass
3**	4883.565	39.56	54.0	14.44	AV	294.00	200	Horizontal	Pass
4	6977.773	51.66	74.0	22.34	Peak	185.00	100	Horizontal	Pass
4**	6977.773	43.42	54.0	10.58	AV	185.00	100	Horizontal	Pass
5	12479.774	48.97	74.0	25.03	Peak	308.00	200	Horizontal	Pass
5**	12479.774	40.05	54.0	13.95	AV	308.00	200	Horizontal	Pass
6	17096.994	51.81	74.0	22.19	Peak	183.00	300	Horizontal	Pass
6**	17096.994	43.36	54.0	10.64	AV	183.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.777	41.40	74.0	32.60	Peak	34.00	300	Vertical	Pass
1**	1329.777	29.37	54.0	24.63	AV	34.00	300	Vertical	Pass
2	2078.417	49.94	74.0	24.06	Peak	338.00	300	Vertical	Pass
2**	2078.417	43.39	54.0	10.61	AV	338.00	300	Vertical	Pass
3	6806.730	51.20	74.0	22.80	Peak	150.00	200	Vertical	Pass
3**	6806.730	42.27	54.0	11.73	AV	150.00	200	Vertical	Pass
4	7965.826	55.40	74.0	18.60	Peak	236.00	100	Vertical	Pass
4**	7965.826	41.78	54.0	12.22	AV	236.00	100	Vertical	Pass
5	12465.819	48.89	74.0	25.11	Peak	87.00	400	Vertical	Pass
5**	12465.819	38.73	54.0	15.27	AV	87.00	400	Vertical	Pass
6	17105.027	50.05	74.0	23.95	Peak	255.00	100	Vertical	Pass
6**	17105.027	41.79	54.0	12.21	AV	255.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.520	44.30	74.0	29.71	Peak	164.00	100	Horizontal	Pass
1**	1163.520	30.89	54.0	23.11	AV	164.00	100	Horizontal	Pass
2	2996.991	47.66	74.0	26.34	Peak	79.00	200	Horizontal	Pass
2**	2996.991	39.12	54.0	14.88	AV	79.00	200	Horizontal	Pass
3	4886.131	48.08	74.0	25.92	Peak	279.00	200	Horizontal	Pass
3**	4886.131	39.28	54.0	14.72	AV	279.00	200	Horizontal	Pass
4	6979.982	51.08	74.0	22.92	Peak	1.00	400	Horizontal	Pass
4**	6979.982	42.45	54.0	11.55	AV	1.00	400	Horizontal	Pass
5	12483.233	47.53	74.0	26.47	Peak	241.00	300	Horizontal	Pass
5**	12483.233	40.17	54.0	13.83	AV	241.00	300	Horizontal	Pass
6	17096.557	51.73	74.0	22.27	Peak	255.00	300	Horizontal	Pass
6**	17096.557	42.07	54.0	11.93	AV	255.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.809	42.26	74.0	31.74	Peak	92.00	300	Vertical	Pass
1**	1328.809	30.27	54.0	23.73	AV	92.00	300	Vertical	Pass
2	2079.037	50.21	74.0	23.79	Peak	202.00	200	Vertical	Pass
2**	2079.037	43.52	54.0	10.48	AV	202.00	200	Vertical	Pass
3	6803.528	51.03	74.0	22.97	Peak	170.00	200	Vertical	Pass
3**	6803.528	43.09	54.0	10.91	AV	170.00	200	Vertical	Pass
4	7965.797	55.39	74.0	18.61	Peak	241.00	100	Vertical	Pass
4**	7965.797	42.58	54.0	11.42	AV	241.00	100	Vertical	Pass
5	12460.867	49.73	74.0	24.27	Peak	306.00	100	Vertical	Pass
5**	12460.867	39.21	54.0	14.79	AV	306.00	100	Vertical	Pass
6	17103.159	50.84	74.0	23.16	Peak	25.00	400	Vertical	Pass
6**	17103.159	41.73	54.0	12.27	AV	25.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.241	44.67	74.0	29.34	Peak	181.00	100	Horizontal	Pass
1**	1163.241	31.47	54.0	22.53	AV	181.00	100	Horizontal	Pass
2	2997.207	47.91	74.0	26.09	Peak	99.00	400	Horizontal	Pass
2**	2997.207	38.84	54.0	15.16	AV	99.00	400	Horizontal	Pass
3	4882.925	47.29	74.0	26.71	Peak	60.00	200	Horizontal	Pass
3**	4882.925	38.23	54.0	15.77	AV	60.00	200	Horizontal	Pass
4	6973.620	51.24	74.0	22.76	Peak	239.00	300	Horizontal	Pass
4**	6973.620	42.66	54.0	11.34	AV	239.00	300	Horizontal	Pass
5	12482.511	48.27	74.0	25.73	Peak	79.00	200	Horizontal	Pass
5**	12482.511	40.24	54.0	13.76	AV	79.00	200	Horizontal	Pass
6	17100.592	51.08	74.0	22.92	Peak	337.00	200	Horizontal	Pass
6**	17100.592	42.66	54.0	11.34	AV	337.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.940	41.35	74.0	32.65	Peak	41.00	200	Vertical	Pass
1**	1335.940	29.27	54.0	24.73	AV	41.00	200	Vertical	Pass
2	2083.012	49.93	74.0	24.07	Peak	147.00	200	Vertical	Pass
2**	2083.012	43.35	54.0	10.65	AV	147.00	200	Vertical	Pass
3	6807.005	51.15	74.0	22.85	Peak	201.00	200	Vertical	Pass
3**	6807.005	42.24	54.0	11.76	AV	201.00	200	Vertical	Pass
4	7970.341	55.33	74.0	18.67	Peak	83.00	100	Vertical	Pass
4**	7970.341	41.71	54.0	12.29	AV	83.00	100	Vertical	Pass
5	12467.137	48.86	74.0	25.14	Peak	287.00	200	Vertical	Pass
5**	12467.137	38.68	54.0	15.33	AV	287.00	200	Vertical	Pass
6	17102.376	49.99	74.0	24.01	Peak	330.00	300	Vertical	Pass
6**	17102.376	41.73	54.0	12.27	AV	330.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.591	44.34	74.0	29.66	Peak	69.00	100	Horizontal	Pass
1**	1167.591	31.61	54.0	22.39	AV	69.00	100	Horizontal	Pass
2	2999.554	48.37	74.0	25.64	Peak	170.00	100	Horizontal	Pass
2**	2999.554	39.50	54.0	14.50	AV	170.00	100	Horizontal	Pass
3	4882.442	48.59	74.0	25.42	Peak	156.00	200	Horizontal	Pass
3**	4882.442	39.49	54.0	14.51	AV	156.00	200	Horizontal	Pass
4	6972.892	51.63	74.0	22.37	Peak	70.00	400	Horizontal	Pass
4**	6972.892	43.37	54.0	10.63	AV	70.00	400	Horizontal	Pass
5	12481.859	48.95	74.0	25.05	Peak	88.00	100	Horizontal	Pass
5**	12481.859	39.99	54.0	14.01	AV	88.00	100	Horizontal	Pass
6	17103.746	51.79	74.0	22.21	Peak	120.00	400	Horizontal	Pass
6**	17103.746	43.35	54.0	10.65	AV	120.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.594	42.24	74.0	31.76	Peak	211.00	300	Vertical	Pass
1**	1329.594	30.23	54.0	23.77	AV	211.00	300	Vertical	Pass
2	2077.780	50.14	74.0	23.87	Peak	252.00	300	Vertical	Pass
2**	2077.780	43.49	54.0	10.51	AV	252.00	300	Vertical	Pass
3	6807.868	50.97	74.0	23.03	Peak	53.00	200	Vertical	Pass
3**	6807.868	43.07	54.0	10.93	AV	53.00	200	Vertical	Pass
4	7963.815	55.35	74.0	18.65	Peak	68.00	300	Vertical	Pass
4**	7963.815	42.56	54.0	11.44	AV	68.00	300	Vertical	Pass
5	12466.103	49.67	74.0	24.33	Peak	161.00	400	Vertical	Pass
5**	12466.103	39.18	54.0	14.83	AV	161.00	400	Vertical	Pass
6	17105.939	50.80	74.0	23.20	Peak	250.00	100	Vertical	Pass
6**	17105.939	41.68	54.0	12.32	AV	250.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.385	45.28	74.0	28.72	Peak	143.00	300	Horizontal	Pass
1**	1167.385	32.13	54.0	21.87	AV	143.00	300	Horizontal	Pass
2	3000.660	48.90	74.0	25.10	Peak	233.00	300	Horizontal	Pass
2**	3000.660	40.44	54.0	13.56	AV	233.00	300	Horizontal	Pass
3	4885.532	48.92	74.0	25.08	Peak	92.00	200	Horizontal	Pass
3**	4885.532	39.68	54.0	14.32	AV	92.00	200	Horizontal	Pass
4	6979.855	52.33	74.0	21.67	Peak	277.00	400	Horizontal	Pass
4**	6979.855	43.55	54.0	10.45	AV	277.00	400	Horizontal	Pass
5	12482.458	48.98	74.0	25.02	Peak	38.00	300	Horizontal	Pass
5**	12482.458	40.39	54.0	13.61	AV	38.00	300	Horizontal	Pass
6	17101.336	52.31	74.0	21.69	Peak	148.00	100	Horizontal	Pass
6**	17101.336	43.78	54.0	10.22	AV	148.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.047	40.36	74.0	33.64	Peak	358.00	100	Vertical	Pass
1**	1332.047	28.75	54.0	25.25	AV	358.00	100	Vertical	Pass
2	2080.113	49.22	74.0	24.78	Peak	350.00	400	Vertical	Pass
2**	2080.113	43.10	54.0	10.90	AV	350.00	400	Vertical	Pass
3	6804.568	50.19	74.0	23.81	Peak	254.00	200	Vertical	Pass
3**	6804.568	41.24	54.0	12.76	AV	254.00	200	Vertical	Pass
4	7965.362	55.26	74.0	18.74	Peak	343.00	200	Vertical	Pass
4**	7965.362	40.74	54.0	13.26	AV	343.00	200	Vertical	Pass
5	12461.296	47.90	74.0	26.10	Peak	122.00	100	Vertical	Pass
5**	12461.296	38.59	54.0	15.42	AV	122.00	100	Vertical	Pass
6	17106.603	49.36	74.0	24.64	Peak	223.00	400	Vertical	Pass
6**	17106.603	41.42	54.0	12.58	AV	223.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.632	45.25	74.0	28.75	Peak	68.00	200	Horizontal	Pass
1**	1164.632	32.12	54.0	21.88	AV	68.00	200	Horizontal	Pass
2	2996.721	48.89	74.0	25.11	Peak	244.00	200	Horizontal	Pass
2**	2996.721	40.47	54.0	13.53	AV	244.00	200	Horizontal	Pass
3	4884.669	48.87	74.0	25.13	Peak	234.00	200	Horizontal	Pass
3**	4884.669	39.67	54.0	14.34	AV	234.00	200	Horizontal	Pass
4	6974.652	52.33	74.0	21.67	Peak	182.00	200	Horizontal	Pass
4**	6974.652	43.51	54.0	10.49	AV	182.00	200	Horizontal	Pass
5	12484.916	48.92	74.0	25.08	Peak	54.00	100	Horizontal	Pass
5**	12484.916	40.43	54.0	13.57	AV	54.00	100	Horizontal	Pass
6	17096.522	52.33	74.0	21.67	Peak	325.00	400	Horizontal	Pass
6**	17096.522	43.70	54.0	10.30	AV	325.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.315	42.21	74.0	31.79	Peak	83.00	300	Vertical	Pass
1**	1334.315	29.32	54.0	24.68	AV	83.00	300	Vertical	Pass
2	2081.036	49.91	74.0	24.10	Peak	0.00	400	Vertical	Pass
2**	2081.036	42.58	54.0	11.42	AV	0.00	400	Vertical	Pass
3	6807.981	50.62	74.0	23.38	Peak	270.00	200	Vertical	Pass
3**	6807.981	42.31	54.0	11.69	AV	270.00	200	Vertical	Pass
4	7965.594	55.05	74.0	18.95	Peak	12.00	400	Vertical	Pass
4**	7965.594	42.55	54.0	11.45	AV	12.00	400	Vertical	Pass
5	12468.588	48.76	74.0	25.24	Peak	106.00	400	Vertical	Pass
5**	12468.588	39.14	54.0	14.87	AV	106.00	400	Vertical	Pass
6	17108.551	50.61	74.0	23.39	Peak	38.00	200	Vertical	Pass
6**	17108.551	41.12	54.0	12.88	AV	38.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.534	45.31	74.0	28.69	Peak	177.00	400	Horizontal	Pass
1**	1168.534	32.18	54.0	21.82	AV	177.00	400	Horizontal	Pass
2	2994.648	48.88	74.0	25.12	Peak	305.00	400	Horizontal	Pass
2**	2994.648	40.49	54.0	13.51	AV	305.00	400	Horizontal	Pass
3	4880.854	48.92	74.0	25.08	Peak	85.00	200	Horizontal	Pass
3**	4880.854	39.74	54.0	14.26	AV	85.00	200	Horizontal	Pass
4	6978.475	52.35	74.0	21.65	Peak	129.00	200	Horizontal	Pass
4**	6978.475	43.50	54.0	10.50	AV	129.00	200	Horizontal	Pass
5	12478.964	48.99	74.0	25.01	Peak	322.00	300	Horizontal	Pass
5**	12478.964	40.37	54.0	13.63	AV	322.00	300	Horizontal	Pass
6	17100.258	52.31	74.0	21.69	Peak	102.00	300	Horizontal	Pass
6**	17100.258	43.77	54.0	10.23	AV	102.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.176	42.59	74.0	31.41	Peak	356.00	300	Vertical	Pass
1**	1336.176	30.33	54.0	23.67	AV	356.00	300	Vertical	Pass
2	2078.223	49.80	74.0	24.20	Peak	57.00	100	Vertical	Pass
2**	2078.223	43.31	54.0	10.69	AV	57.00	100	Vertical	Pass
3	6805.921	51.76	74.0	22.24	Peak	208.00	200	Vertical	Pass
3**	6805.921	42.67	54.0	11.33	AV	208.00	200	Vertical	Pass
4	7969.089	56.45	74.0	17.55	Peak	92.00	400	Vertical	Pass
4**	7969.089	42.75	54.0	11.25	AV	92.00	400	Vertical	Pass
5	12467.032	49.84	74.0	24.16	Peak	22.00	100	Vertical	Pass
5**	12467.032	39.80	54.0	14.20	AV	22.00	100	Vertical	Pass
6	17101.825	51.18	74.0	22.82	Peak	85.00	200	Vertical	Pass
6**	17101.825	42.51	54.0	11.49	AV	85.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.077	44.28	74.0	29.73	Peak	249.00	400	Horizontal	Pass
1**	1162.077	30.67	54.0	23.33	AV	249.00	400	Horizontal	Pass
2	2997.899	48.10	74.0	25.90	Peak	320.00	300	Horizontal	Pass
2**	2997.899	38.93	54.0	15.07	AV	320.00	300	Horizontal	Pass
3	4886.492	47.81	74.0	26.19	Peak	298.00	200	Horizontal	Pass
3**	4886.492	38.43	54.0	15.57	AV	298.00	200	Horizontal	Pass
4	6974.504	51.08	74.0	22.92	Peak	121.00	100	Horizontal	Pass
4**	6974.504	42.29	54.0	11.71	AV	121.00	100	Horizontal	Pass
5	12486.052	47.58	74.0	26.42	Peak	263.00	200	Horizontal	Pass
5**	12486.052	40.11	54.0	13.89	AV	263.00	200	Horizontal	Pass
6	17099.807	51.80	74.0	22.20	Peak	214.00	100	Horizontal	Pass
6**	17099.807	42.23	54.0	11.77	AV	214.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.104	41.00	74.0	33.00	Peak	237.00	100	Vertical	Pass
1**	1329.104	29.72	54.0	24.28	AV	237.00	100	Vertical	Pass
2	2083.809	50.26	74.0	23.74	Peak	36.00	300	Vertical	Pass
2**	2083.809	42.40	54.0	11.60	AV	36.00	300	Vertical	Pass
3	6800.904	51.51	74.0	22.49	Peak	305.00	200	Vertical	Pass
3**	6800.904	42.34	54.0	11.66	AV	305.00	200	Vertical	Pass
4	7968.735	55.12	74.0	18.88	Peak	267.00	300	Vertical	Pass
4**	7968.735	42.35	54.0	11.65	AV	267.00	300	Vertical	Pass
5	12464.041	48.50	74.0	25.50	Peak	205.00	100	Vertical	Pass
5**	12464.041	38.98	54.0	15.02	AV	205.00	100	Vertical	Pass
6	17108.384	50.74	74.0	23.26	Peak	5.00	200	Vertical	Pass
6**	17108.384	42.12	54.0	11.88	AV	5.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.642	44.83	74.0	29.18	Peak	140.00	300	Horizontal	Pass
1**	1164.642	31.39	54.0	22.61	AV	140.00	300	Horizontal	Pass
2	3000.160	48.84	74.0	25.16	Peak	281.00	400	Horizontal	Pass
2**	3000.160	39.75	54.0	14.25	AV	281.00	400	Horizontal	Pass
3	4879.017	48.60	74.0	25.40	Peak	76.00	200	Horizontal	Pass
3**	4879.017	39.38	54.0	14.62	AV	76.00	200	Horizontal	Pass
4	6975.483	51.57	74.0	22.43	Peak	358.00	300	Horizontal	Pass
4**	6975.483	43.20	54.0	10.80	AV	358.00	300	Horizontal	Pass
5	12484.588	48.81	74.0	25.19	Peak	100.00	400	Horizontal	Pass
5**	12484.588	40.23	54.0	13.77	AV	100.00	400	Horizontal	Pass
6	17097.713	52.29	74.0	21.71	Peak	3.00	400	Horizontal	Pass
6**	17097.713	43.69	54.0	10.31	AV	3.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.533	42.38	74.0	31.62	Peak	301.00	200	Vertical	Pass
1**	1330.533	30.19	54.0	23.81	AV	301.00	200	Vertical	Pass
2	2081.494	50.54	74.0	23.46	Peak	16.00	300	Vertical	Pass
2**	2081.494	43.25	54.0	10.75	AV	16.00	300	Vertical	Pass
3	6804.582	52.21	74.0	21.79	Peak	146.00	200	Vertical	Pass
3**	6804.582	42.91	54.0	11.09	AV	146.00	200	Vertical	Pass
4	7970.181	56.43	74.0	17.57	Peak	301.00	100	Vertical	Pass
4**	7970.181	42.72	54.0	11.28	AV	301.00	100	Vertical	Pass
5	12468.606	49.76	74.0	24.24	Peak	306.00	200	Vertical	Pass
5**	12468.606	39.13	54.0	14.87	AV	306.00	200	Vertical	Pass
6	17104.261	51.29	74.0	22.71	Peak	41.00	300	Vertical	Pass
6**	17104.261	43.05	54.0	10.95	AV	41.00	300	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Note [1]: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

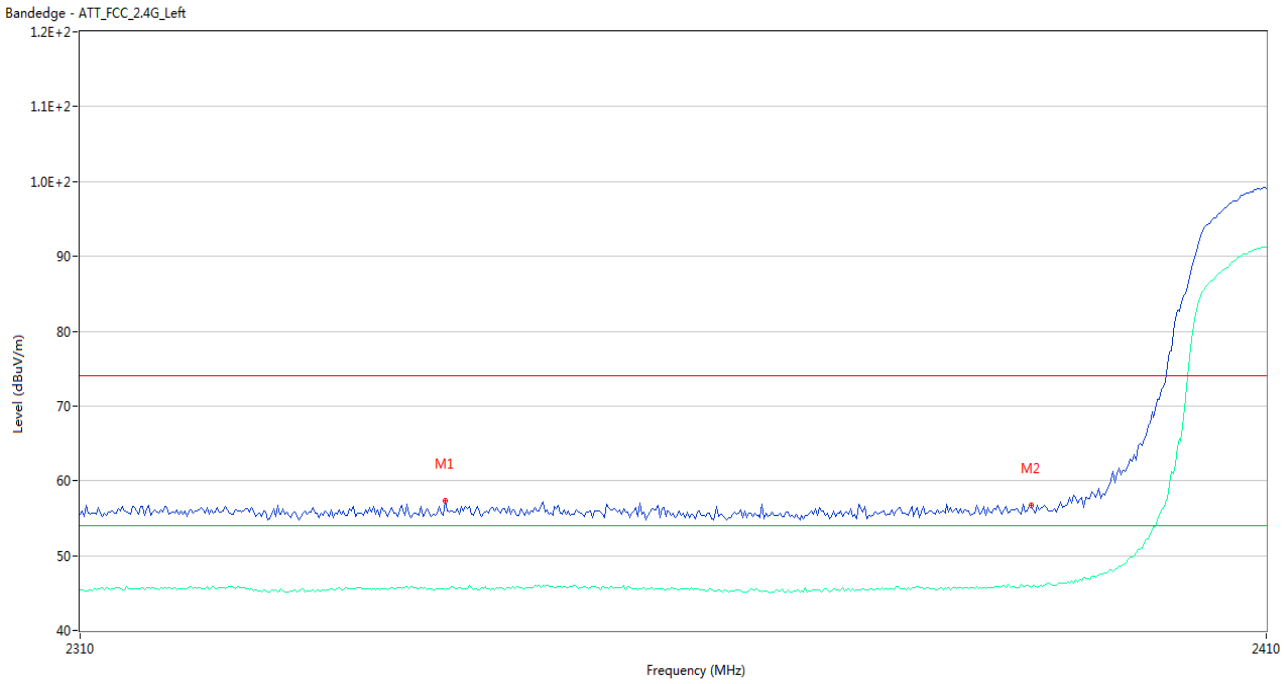
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note [3]: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [4]: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2338.713	56.85	74.0	17.15	Peak	213.00	300	Horizontal	Pass
1**	2338.713	45.36	54.0	8.64	AV	213.00	300	Horizontal	Pass
2	2390.000	56.25	74.0	17.75	Peak	111.00	300	Horizontal	Pass
2**	2390.000	45.63	54.0	8.37	AV	111.00	300	Horizontal	Pass

802.11b HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.53	74.0	20.47	Peak	271.00	200	Horizontal	Pass
1**	2483.500	43.26	54.0	10.74	AV	271.00	200	Horizontal	Pass
2	2495.800	54.81	74.0	19.19	Peak	167.00	200	Horizontal	Pass
2**	2495.800	42.98	54.0	11.02	AV	167.00	200	Horizontal	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2335.030	55.51	74.0	18.49	Peak	16.00	300	Horizontal	Pass
1**	2335.030	42.82	54.0	11.18	AV	16.00	300	Horizontal	Pass
2	2390.000	56.34	74.0	17.66	Peak	28.00	200	Horizontal	Pass
2**	2390.000	44.46	54.0	9.54	AV	28.00	200	Horizontal	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.94	74.0	18.06	Peak	188.00	200	Horizontal	Pass
1**	2483.500	45.47	54.0	8.53	AV	188.00	200	Horizontal	Pass
2	2485.119	56.46	74.0	17.54	Peak	50.00	100	Horizontal	Pass
2**	2485.119	44.90	54.0	9.10	AV	50.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.134	56.90	74.0	17.10	Peak	200.00	100	Horizontal	Pass
1**	2387.134	45.17	54.0	8.83	AV	200.00	100	Horizontal	Pass
2	2390.000	56.42	74.0	17.58	Peak	313.00	200	Horizontal	Pass
2**	2390.000	44.69	54.0	9.31	AV	313.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.38	74.0	14.62	Peak	30.00	300	Horizontal	Pass
1**	2483.500	43.80	54.0	10.20	AV	30.00	300	Horizontal	Pass
2	2485.390	59.21	74.0	14.79	Peak	58.00	200	Horizontal	Pass
2**	2485.390	44.30	54.0	9.70	AV	58.00	200	Horizontal	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.468	55.28	74.0	18.72	Peak	78.00	200	Horizontal	Pass
1**	2380.468	42.56	54.0	11.44	AV	78.00	200	Horizontal	Pass
2	2390.000	53.85	74.0	20.15	Peak	210.00	200	Horizontal	Pass
2**	2390.000	43.85	54.0	10.15	AV	210.00	200	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.42	74.0	11.58	Peak	125.00	200	Horizontal	Pass
1**	2483.500	45.46	54.0	8.54	AV	125.00	200	Horizontal	Pass
2	2487.279	60.28	74.0	13.72	Peak	179.00	200	Horizontal	Pass
2**	2487.279	44.57	54.0	9.43	AV	179.00	200	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.19	8
Middle	-6.94	8
High	-6.94	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.97	8
Middle	-6.90	8
High	-7.60	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.96	8
Middle	-6.75	8
High	-6.55	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.19	8
Middle	-6.95	8
High	-6.74	8

Test Plots

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL

802.11g MIDDLE CHANNEL

802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

802.11n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL

802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25B1272-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25B1272-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25B1272-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--