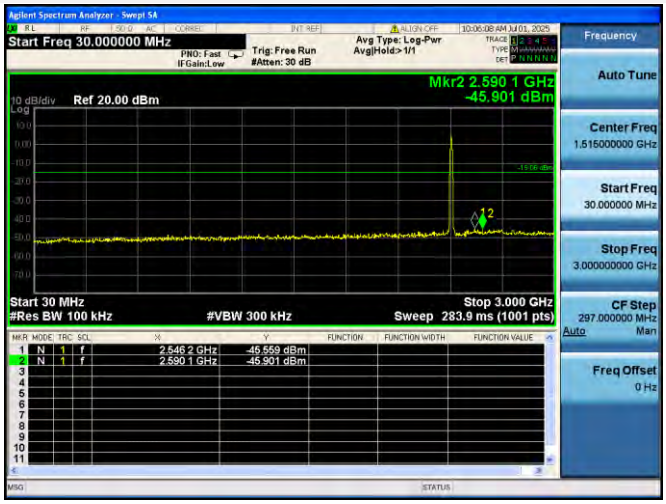
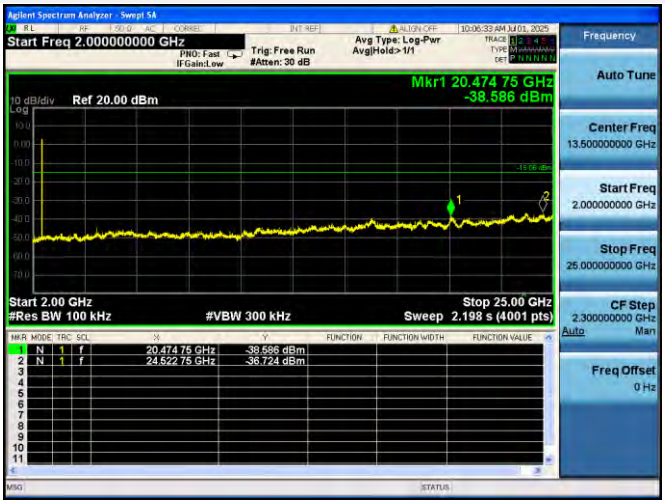
Test Plots

802.11b LOW CHANNEL CARRIER LEVEL

802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

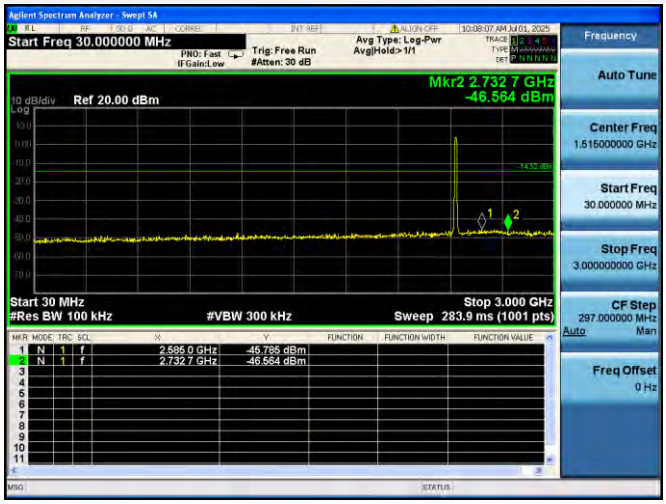


802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

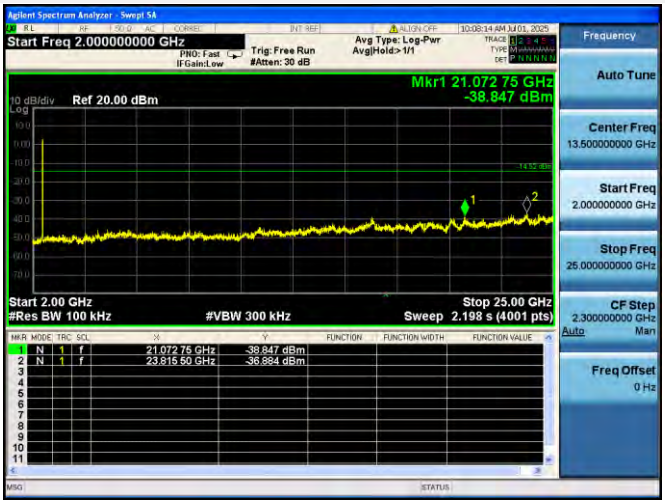


802.11b MIDDLE CHANNEL CARRIER LEVEL

802.11b MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

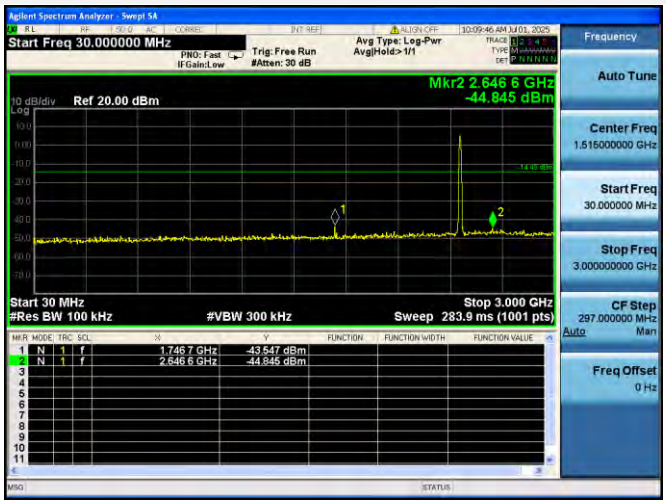


802.11b MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

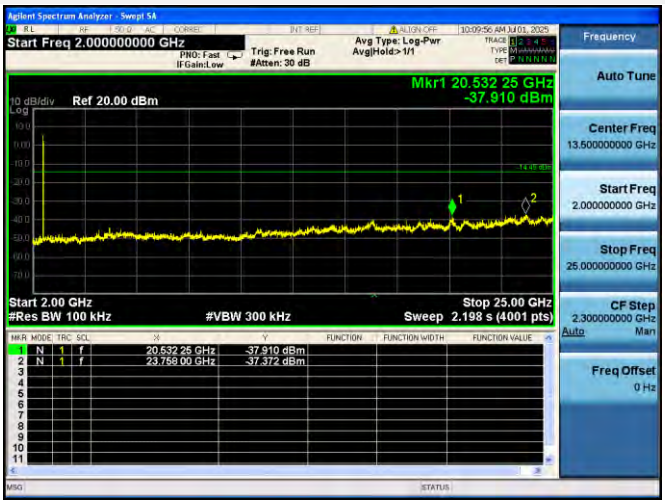


802.11b HIGH CHANNEL CARRIER LEVEL

802.11b HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

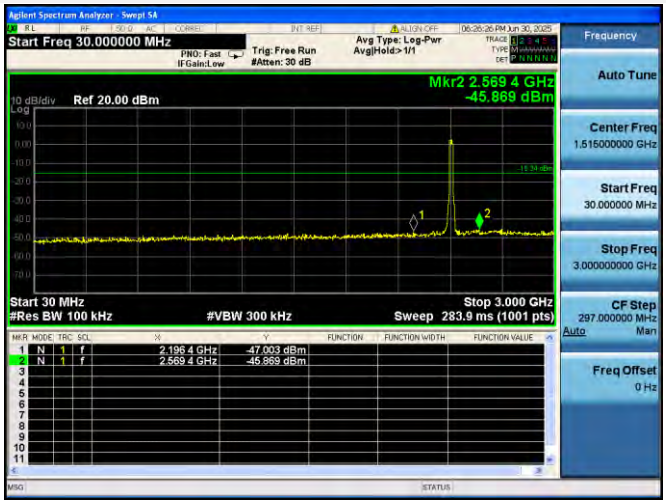


802.11b HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

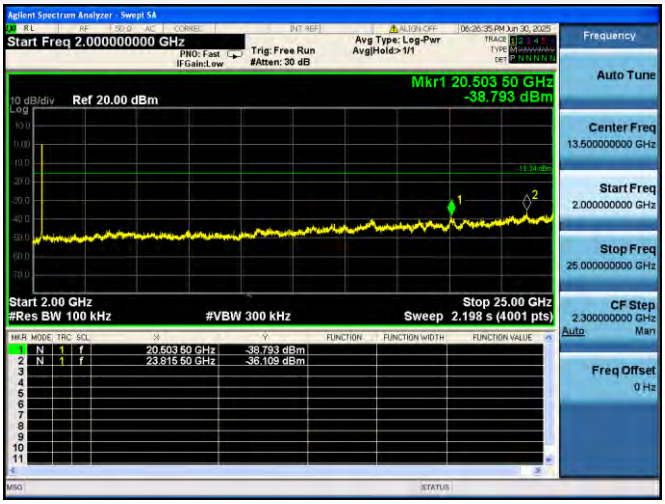


802.11g LOW CHANNEL CARRIER LEVEL

802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

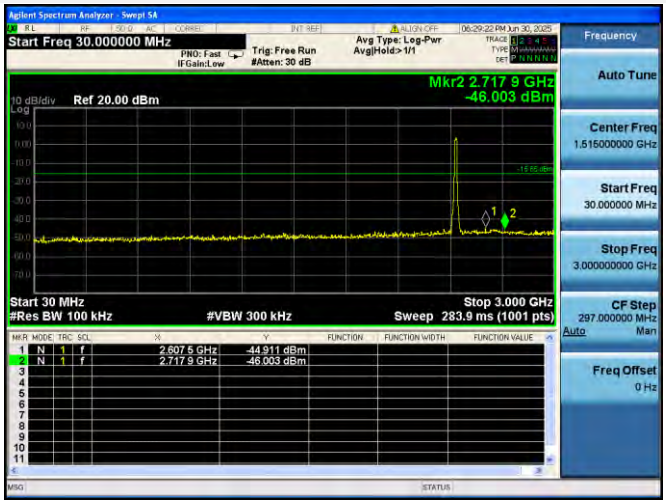


802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

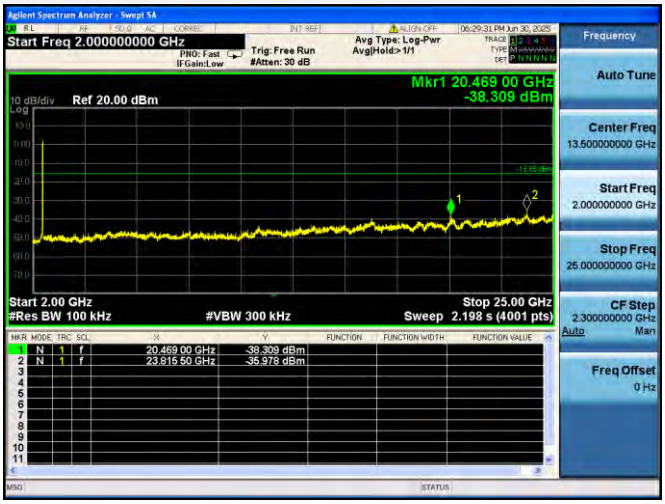


802.11g MIDDLE CHANNEL CARRIER LEVEL

802.11g MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

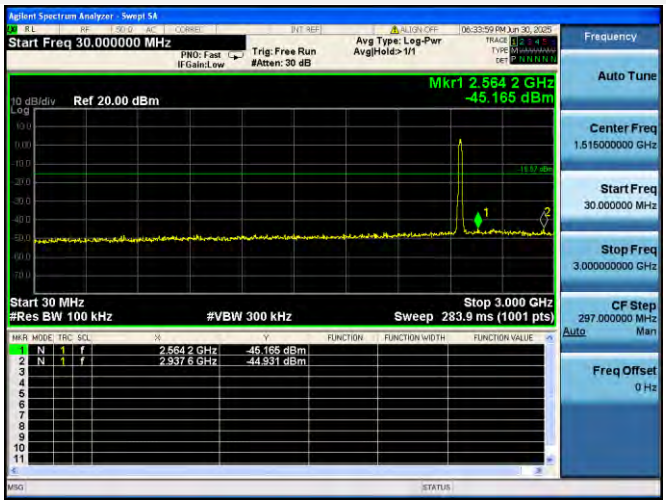


802.11g MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

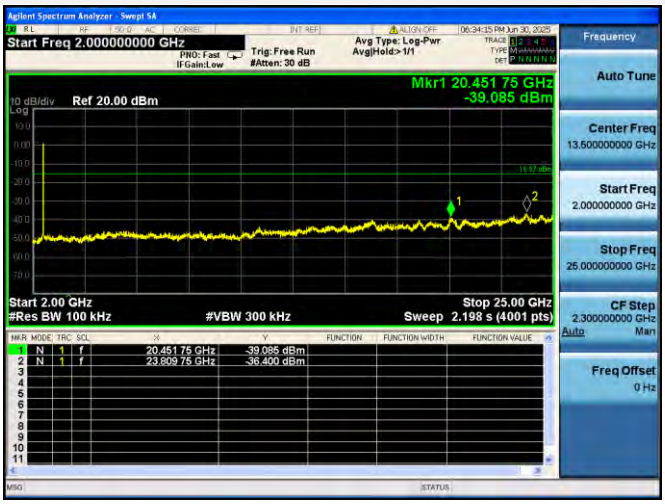


802.11g HIGH CHANNEL CARRIER LEVEL

802.11g HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

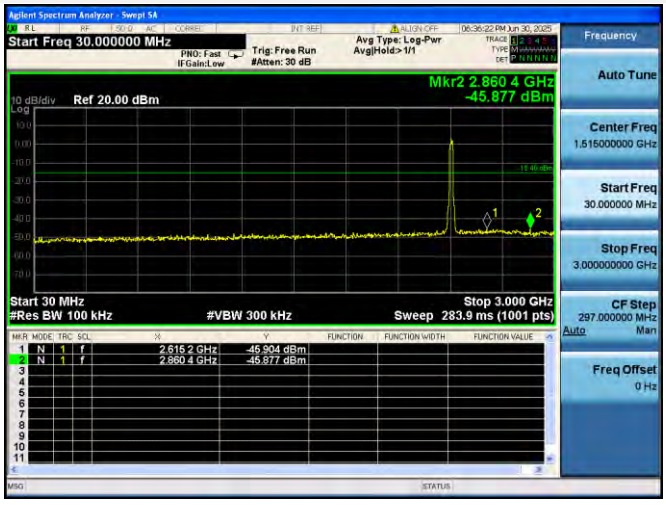


802.11g HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

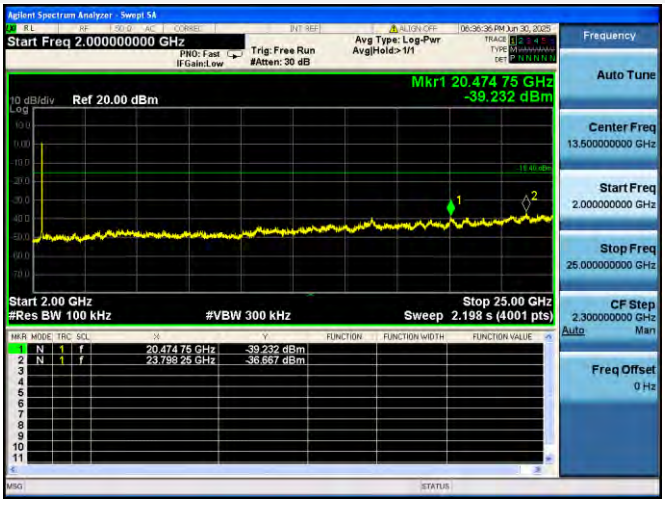


802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

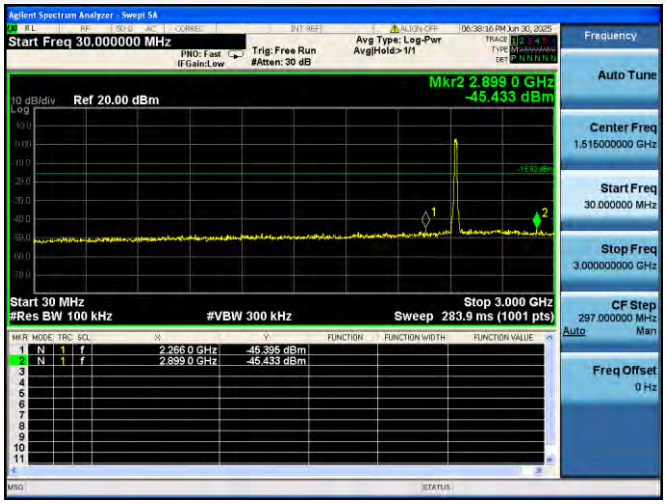


802.11n-20 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

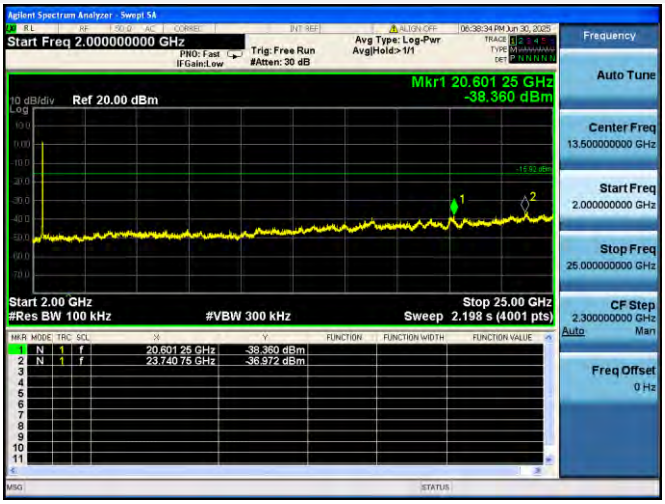


802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL

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

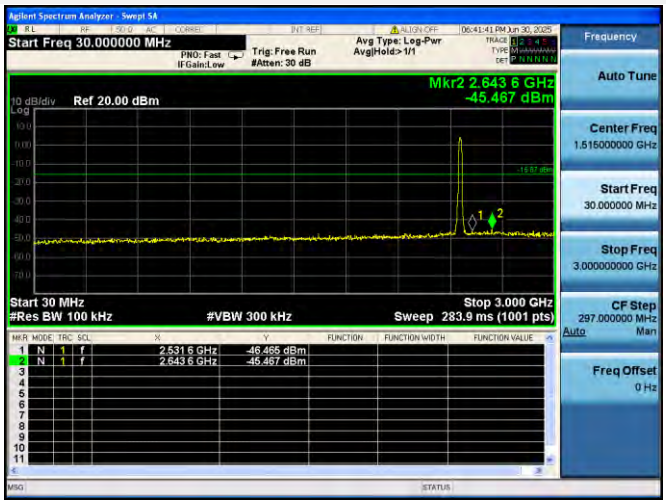


802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

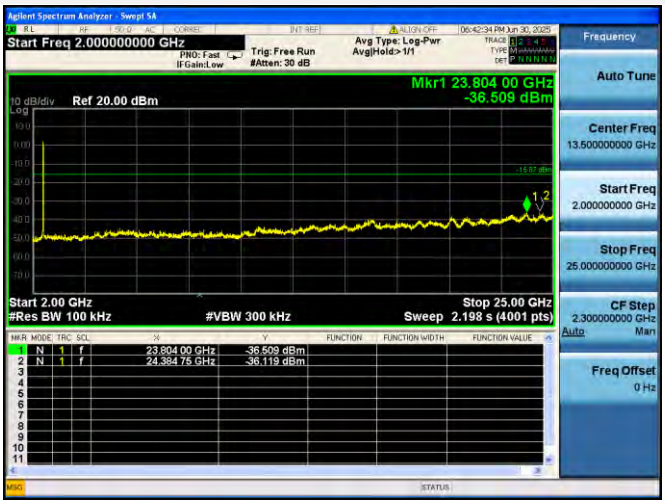


802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL

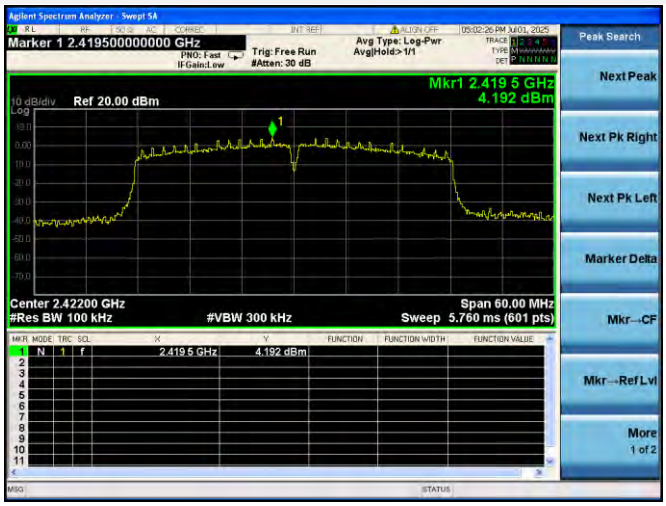
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



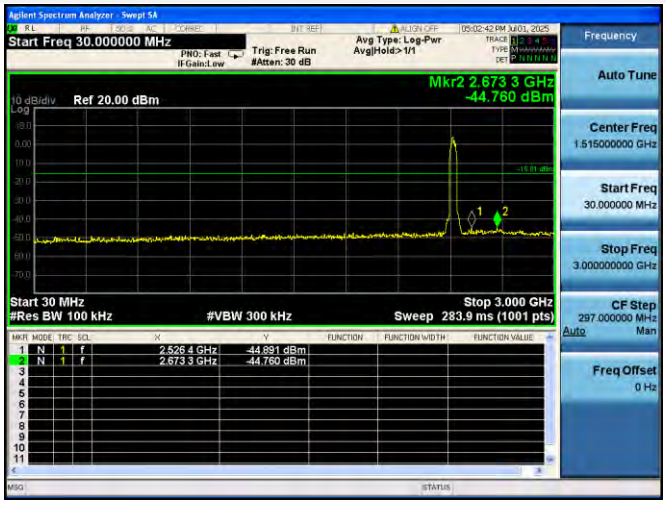
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



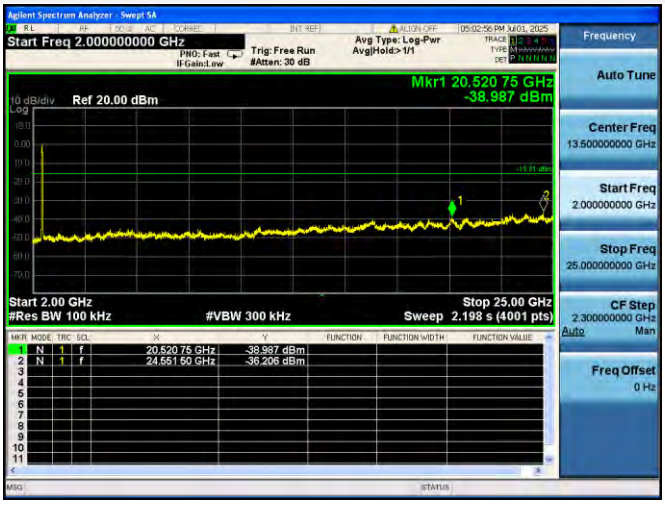
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



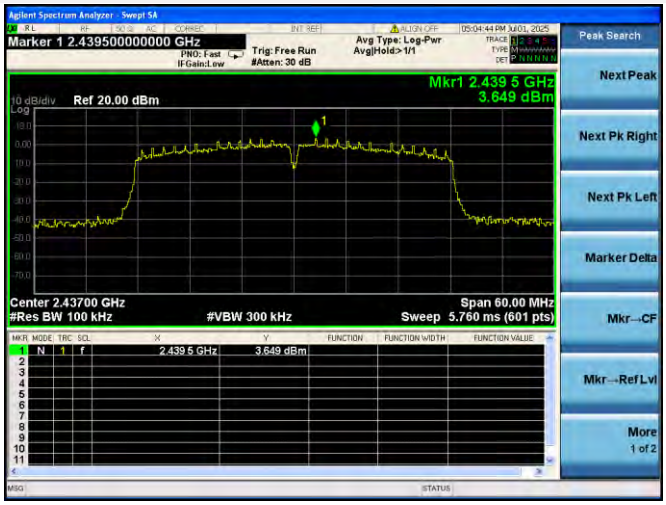
802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



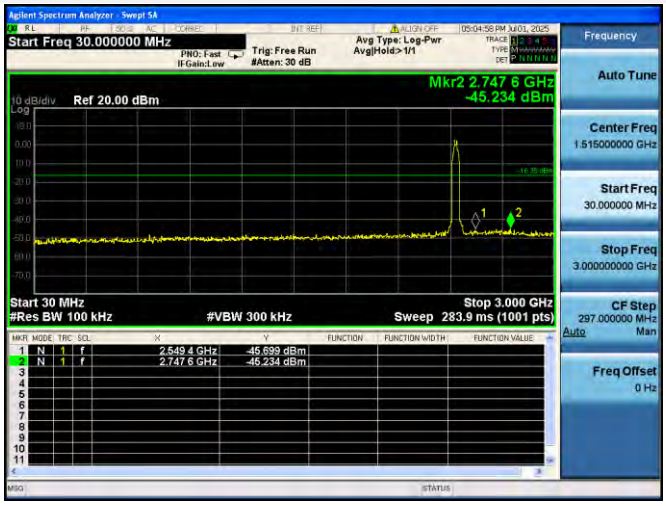
802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



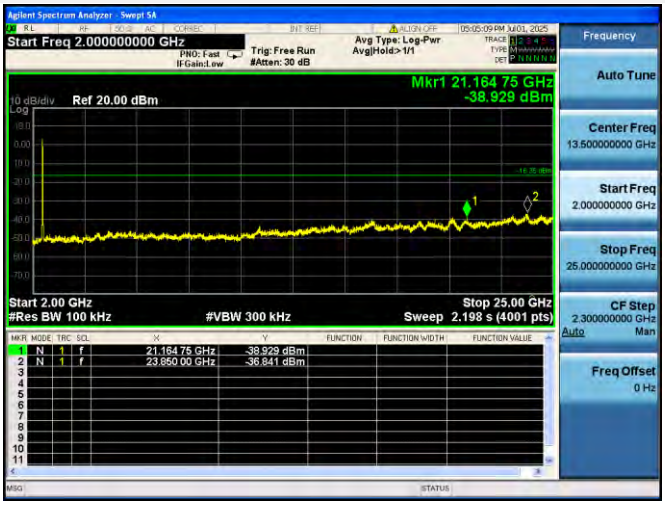
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



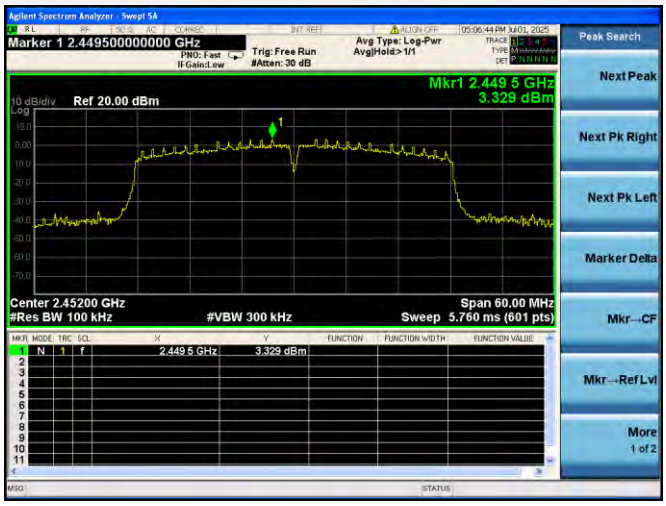
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



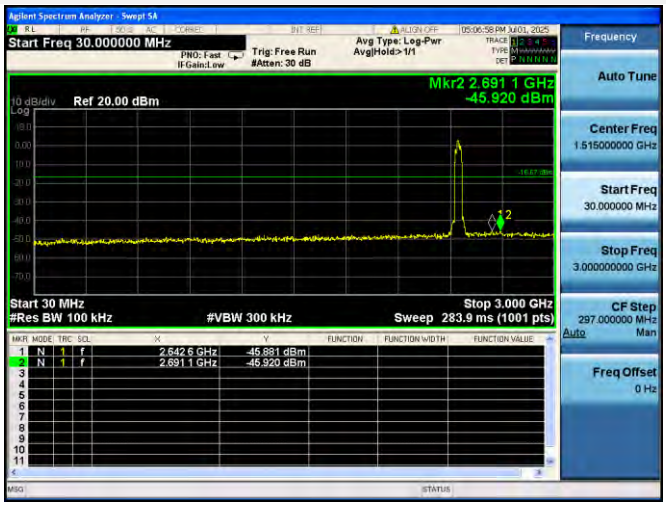
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



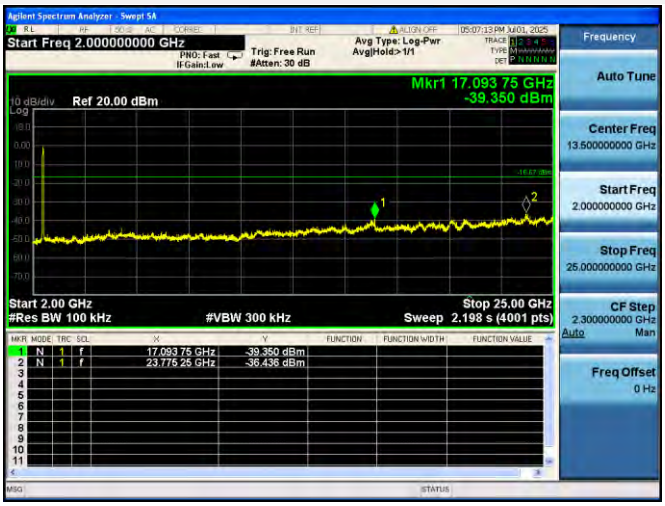
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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	-44.12	4.94	-15.06	Pass
High Channel	-48.28	5.56	-14.45	Pass

802.11g Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.88	4.66	-15.34	Pass
High Channel	-44.54	4.43	-15.57	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.63	4.60	-15.40	Pass
High Channel	-44.96	4.13	-15.87	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.34	4.19	-15.81	Pass
High Channel	-40.92	3.33	-16.67	Pass

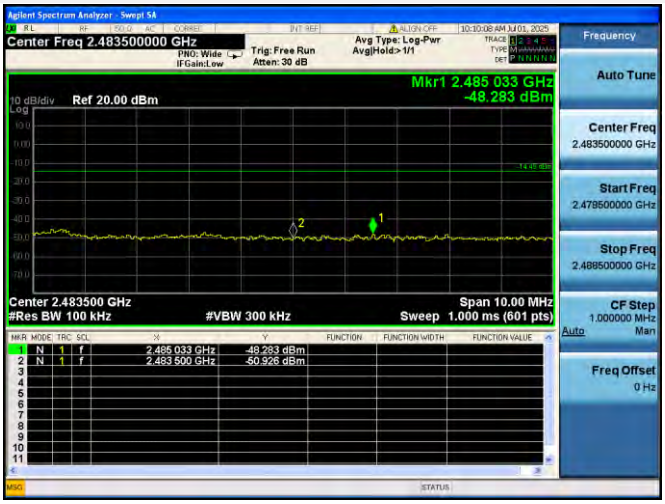
Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE

802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, BAND EDGE

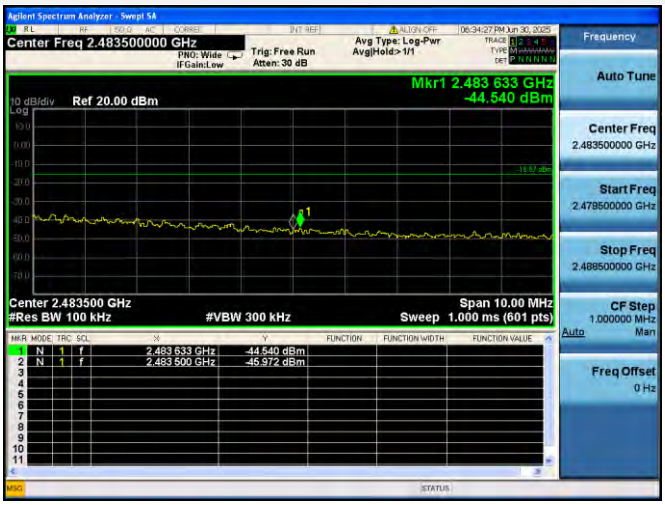


802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, BAND EDGE

802.11g HIGH CHANNEL, CARRIER LEVEL

802.11g HIGH CHANNEL, BAND EDGE

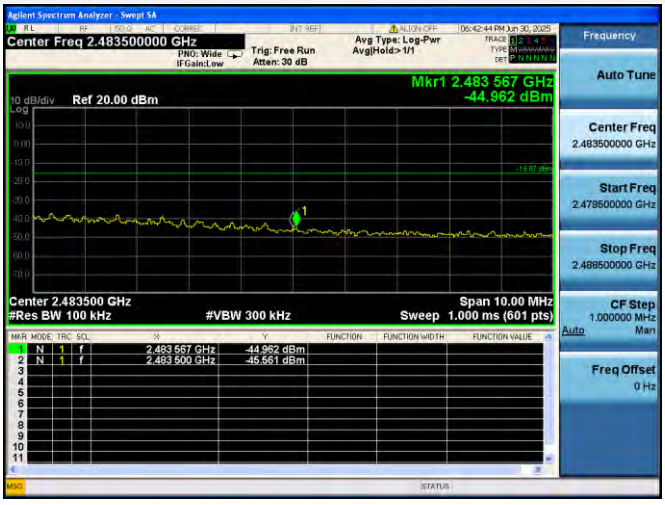


802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

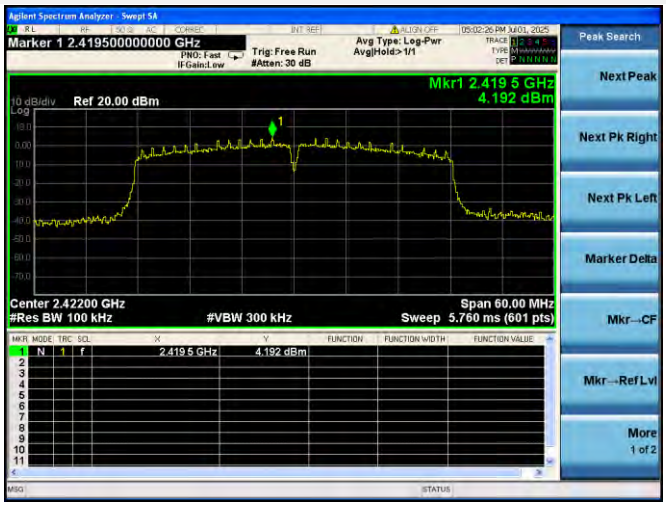
802.11n-20 MHz LOW CHANNEL, BAND EDGE

802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL

802.11n-20 MHz HIGH CHANNEL, BAND EDGE

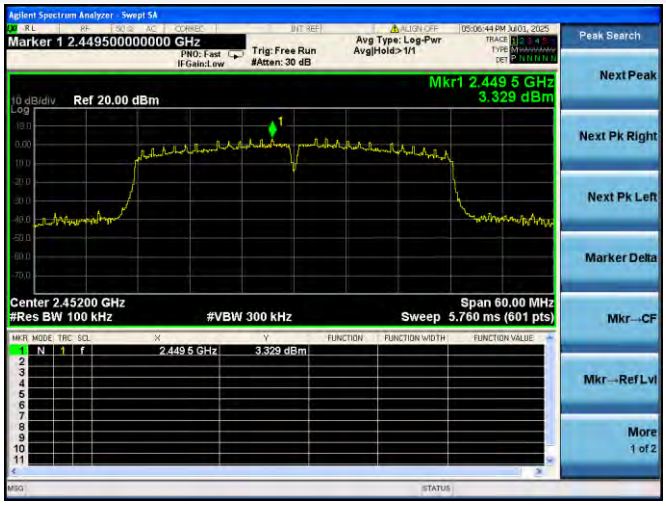


802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

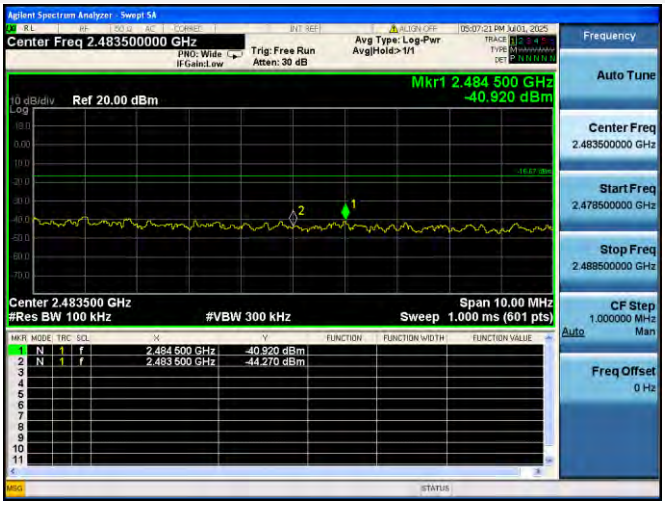


802.11n-40 MHz LOW CHANNEL, BAND EDGE

802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

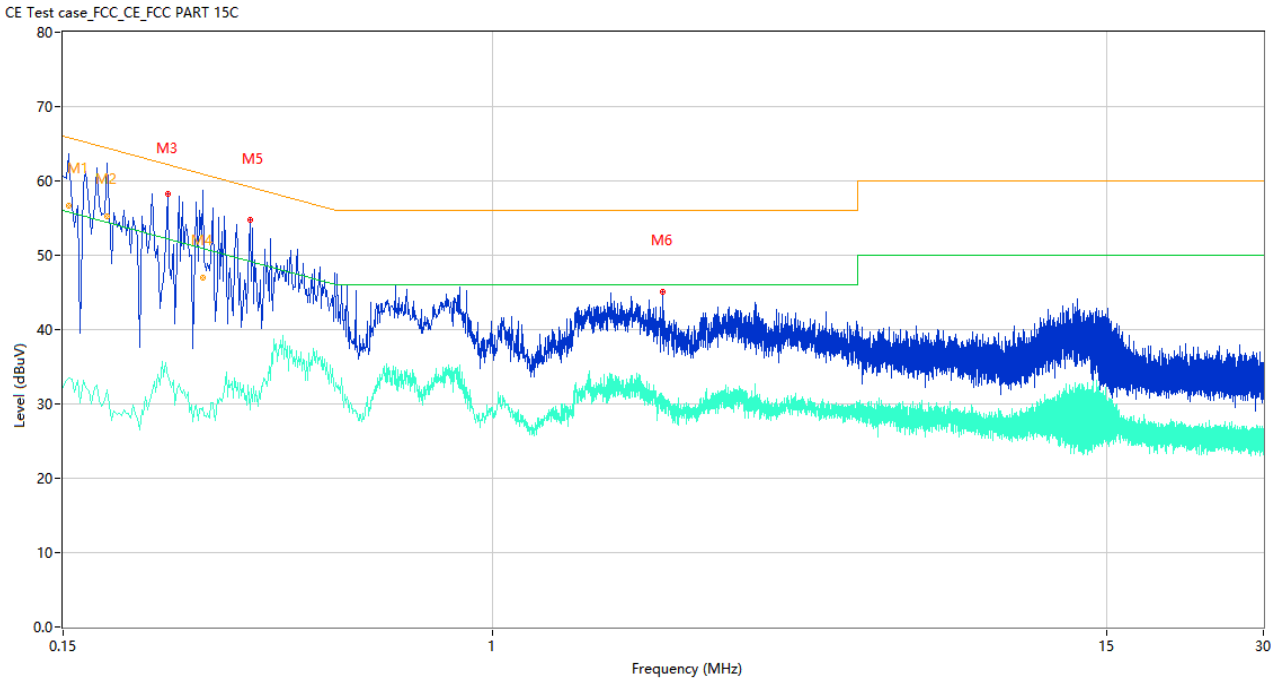
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

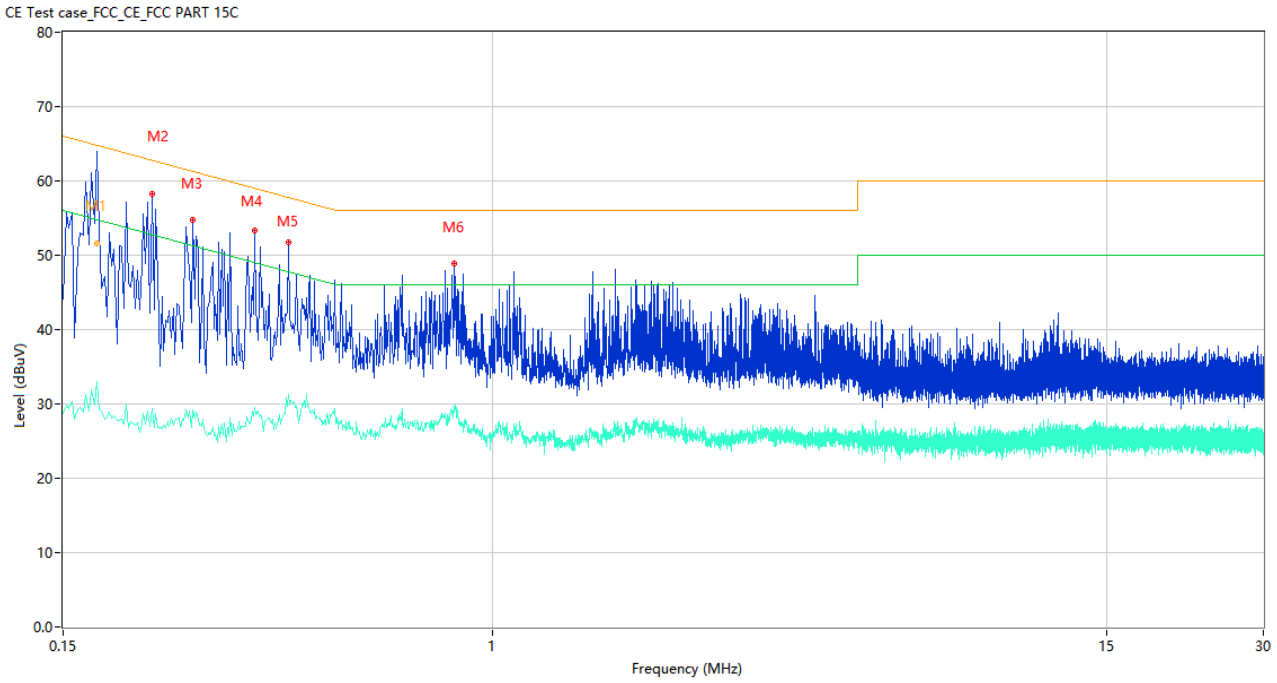
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	67.20	9.86	65.78	-1.42	Peak	L	N/A
1*	0.154	56.70	9.86	65.78	9.08	QP	L	Pass
1**	0.154	33.56	9.86	55.78	22.22	AV	L	Pass
2	0.182	70.19	9.84	64.39	-5.80	Peak	L	N/A
2*	0.182	55.29	9.84	64.39	9.10	QP	L	Pass
2**	0.182	31.88	9.84	54.39	22.51	AV	L	Pass
3	0.238	58.32	9.83	62.17	3.85	Peak	L	Pass
3**	0.238	33.67	9.83	52.17	18.50	AV	L	Pass
4	0.278	58.96	9.83	60.88	1.92	Peak	L	N/A
4*	0.278	47.04	9.83	60.88	13.84	QP	L	Pass
4**	0.278	29.47	9.83	50.88	21.41	AV	L	Pass
5	0.342	54.70	10.66	59.15	4.45	Peak	L	Pass
5**	0.342	29.28	10.66	49.15	19.87	AV	L	Pass
6	2.114	45.02	10.06	56.00	10.98	Peak	L	Pass
6**	2.114	31.10	10.06	46.00	14.90	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.174	64.68	9.85	64.77	0.09	Peak	N	N/A
1*	0.174	51.55	9.85	64.77	13.22	QP	N	Pass
1**	0.174	33.08	9.85	54.77	21.69	AV	N	Pass
2	0.222	58.26	9.84	62.74	4.48	Peak	N	Pass
2**	0.222	29.37	9.84	52.74	23.37	AV	N	Pass
3	0.266	54.74	9.83	61.24	6.50	Peak	N	Pass
3**	0.266	29.24	9.83	51.24	22.00	AV	N	Pass
4	0.350	53.31	10.82	58.96	5.65	Peak	N	Pass
4**	0.350	29.56	10.82	48.96	19.40	AV	N	Pass
5	0.406	51.72	10.55	57.73	6.01	Peak	N	Pass
5**	0.406	31.22	10.55	47.73	16.51	AV	N	Pass
6	0.844	48.83	10.68	56.00	7.17	Peak	N	Pass
6**	0.844	29.59	10.68	46.00	16.41	AV	N	Pass

A.6 Radiated Emission

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

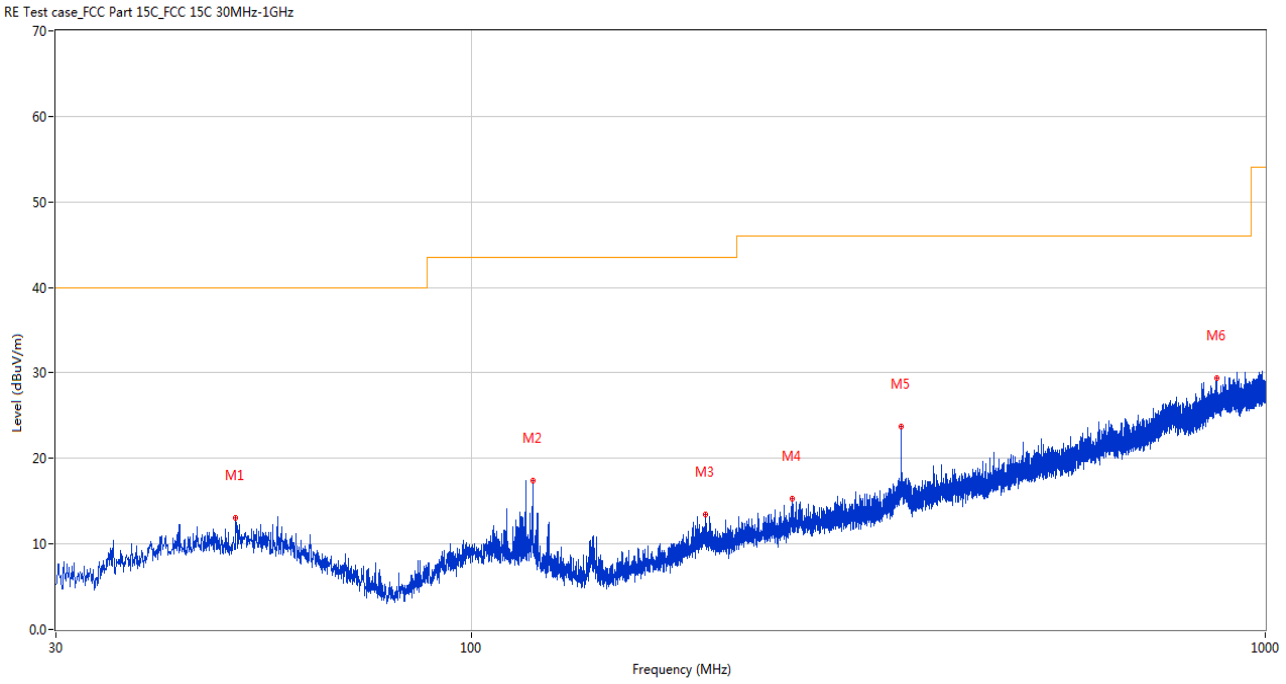
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

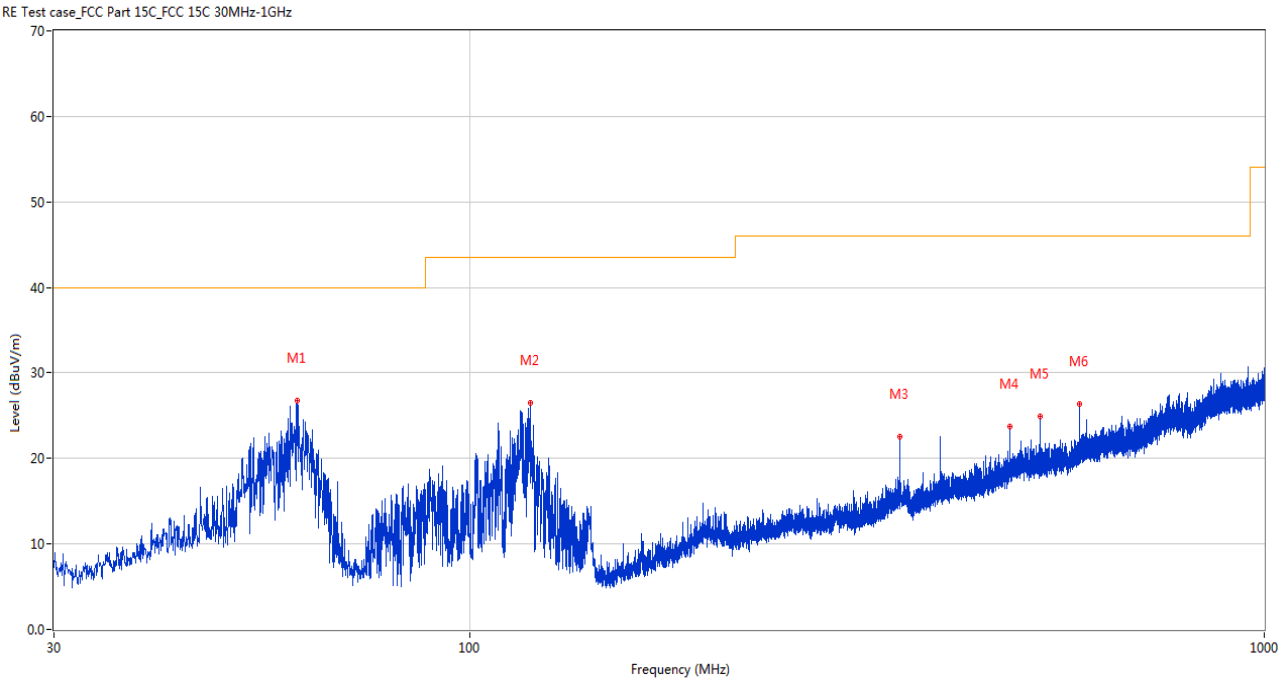
Test Data and Plots

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	50.516	13.05	-24.91	40.0	26.95	Peak	285.60	100	Horizontal	Pass
2	119.579	17.45	-27.77	43.5	26.05	Peak	196.00	100	Horizontal	Pass
3	197.083	13.45	-25.54	43.5	30.05	Peak	263.90	100	Horizontal	Pass
4	253.682	15.27	-24.00	46.0	30.73	Peak	303.10	100	Horizontal	Pass
5	348.014	23.72	-21.13	46.0	22.28	Peak	168.00	100	Horizontal	Pass
6	867.789	29.36	-9.81	46.0	16.64	Peak	2.10	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	60.652	26.74	-26.22	40.0	13.26	Peak	348.10	100	Vertical	Pass
2	119.191	26.56	-27.70	43.5	16.94	Peak	102.40	100	Vertical	Pass
3	348.014	22.53	-21.13	46.0	23.47	Peak	336.80	100	Vertical	Pass
4	478.528	23.79	-18.99	46.0	22.21	Peak	250.20	100	Vertical	Pass
5	522.032	24.91	-17.69	46.0	21.09	Peak	327.00	100	Vertical	Pass
6	585.034	26.43	-15.71	46.0	19.57	Peak	162.10	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	1331.635	47.16	74.0	26.84	Peak	22.00	100	Horizontal	Pass
1**	1331.635	39.04	54.0	14.96	AV	22.00	100	Horizontal	Pass
2	3000.169	53.03	74.0	20.97	Peak	51.00	200	Horizontal	Pass
2**	3000.169	40.52	54.0	13.48	AV	51.00	200	Horizontal	Pass
3	4936.300	50.05	74.0	23.95	Peak	126.00	200	Horizontal	Pass
3**	4936.300	42.60	54.0	11.40	AV	126.00	200	Horizontal	Pass
4	6808.824	53.96	74.0	20.04	Peak	84.00	300	Horizontal	Pass
4**	6808.824	44.66	54.0	9.34	AV	84.00	300	Horizontal	Pass
5	13414.126	56.19	74.0	17.81	Peak	211.00	100	Horizontal	Pass
5**	13414.126	43.93	54.0	10.07	AV	211.00	100	Horizontal	Pass
6	17428.818	57.19	74.0	16.81	Peak	70.00	300	Horizontal	Pass
6**	17428.818	47.06	54.0	6.94	AV	70.00	300	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	1329.285	44.81	74.0	29.19	Peak	11.00	300	Vertical	Pass
1**	1329.285	36.68	54.0	17.32	AV	11.00	300	Vertical	Pass
2	2985.499	49.27	74.0	24.73	Peak	77.00	300	Vertical	Pass
2**	2985.499	41.88	54.0	12.12	AV	77.00	300	Vertical	Pass
3	4857.540	48.58	74.0	25.42	Peak	1.00	200	Vertical	Pass
3**	4857.540	37.79	54.0	16.21	AV	1.00	200	Vertical	Pass
4	6607.049	52.28	74.0	21.72	Peak	33.00	400	Vertical	Pass
4**	6607.049	42.75	54.0	11.25	AV	33.00	400	Vertical	Pass
5	13435.628	52.79	74.0	21.21	Peak	10.00	300	Vertical	Pass
5**	13435.628	44.80	54.0	9.20	AV	10.00	300	Vertical	Pass
6	17415.129	58.69	74.0	15.31	Peak	195.00	400	Vertical	Pass
6**	17415.129	47.75	54.0	6.25	AV	195.00	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	1329.110	44.07	74.0	29.93	Peak	107.00	100	Horizontal	Pass
1**	1329.110	37.27	54.0	16.73	AV	107.00	100	Horizontal	Pass
2	2995.899	52.28	74.0	21.72	Peak	212.00	400	Horizontal	Pass
2**	2995.899	38.88	54.0	15.12	AV	212.00	400	Horizontal	Pass
3	4931.153	52.13	74.0	21.87	Peak	0.00	200	Horizontal	Pass
3**	4931.153	42.47	54.0	11.53	AV	0.00	200	Horizontal	Pass
4	6807.300	54.32	74.0	19.68	Peak	54.00	300	Horizontal	Pass
4**	6807.300	44.13	54.0	9.87	AV	54.00	300	Horizontal	Pass
5	13412.730	55.55	74.0	18.45	Peak	97.00	300	Horizontal	Pass
5**	13412.730	45.25	54.0	8.75	AV	97.00	300	Horizontal	Pass
6	17423.918	53.88	74.0	20.12	Peak	95.00	300	Horizontal	Pass
6**	17423.918	47.71	54.0	6.29	AV	95.00	300	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	1334.461	43.36	74.0	30.64	Peak	144.00	300	Vertical	Pass
1**	1334.461	36.79	54.0	17.21	AV	144.00	300	Vertical	Pass
2	2978.582	48.52	74.0	25.48	Peak	104.00	200	Vertical	Pass
2**	2978.582	43.78	54.0	10.22	AV	104.00	200	Vertical	Pass
3	4857.014	51.55	74.0	22.45	Peak	155.00	200	Vertical	Pass
3**	4857.014	41.98	54.0	12.02	AV	155.00	200	Vertical	Pass
4	6608.259	56.04	74.0	17.96	Peak	162.00	300	Vertical	Pass
4**	6608.259	45.61	54.0	8.39	AV	162.00	300	Vertical	Pass
5	13436.234	55.80	74.0	18.20	Peak	68.00	100	Vertical	Pass
5**	13436.234	47.68	54.0	6.32	AV	68.00	100	Vertical	Pass
6	17415.794	54.42	74.0	19.58	Peak	65.00	200	Vertical	Pass
6**	17415.794	46.34	54.0	7.66	AV	65.00	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	1326.005	43.09	74.0	30.91	Peak	94.00	300	Horizontal	Pass
1**	1326.005	38.98	54.0	15.02	AV	94.00	300	Horizontal	Pass
2	2994.618	52.32	74.0	21.68	Peak	321.00	200	Horizontal	Pass
2**	2994.618	41.68	54.0	12.32	AV	321.00	200	Horizontal	Pass
3	4933.730	48.93	74.0	25.07	Peak	230.00	200	Horizontal	Pass
3**	4933.730	44.00	54.0	10.00	AV	230.00	200	Horizontal	Pass
4	6810.599	54.85	74.0	19.15	Peak	243.00	300	Horizontal	Pass
4**	6810.599	43.27	54.0	10.73	AV	243.00	300	Horizontal	Pass
5	13407.588	57.18	74.0	16.82	Peak	148.00	100	Horizontal	Pass
5**	13407.588	45.66	54.0	8.34	AV	148.00	100	Horizontal	Pass
6	17422.613	58.85	74.0	15.15	Peak	275.00	200	Horizontal	Pass
6**	17422.613	47.88	54.0	6.12	AV	275.00	200	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	1334.407	48.16	74.0	25.84	Peak	236.00	100	Vertical	Pass
1**	1334.407	34.85	54.0	19.15	AV	236.00	100	Vertical	Pass
2	2985.434	50.59	74.0	23.41	Peak	209.00	200	Vertical	Pass
2**	2985.434	44.17	54.0	9.83	AV	209.00	200	Vertical	Pass
3	4856.259	51.77	74.0	22.23	Peak	111.00	200	Vertical	Pass
3**	4856.259	40.55	54.0	13.45	AV	111.00	200	Vertical	Pass
4	6603.838	55.34	74.0	18.66	Peak	164.00	300	Vertical	Pass
4**	6603.838	47.45	54.0	6.55	AV	164.00	300	Vertical	Pass
5	13438.111	54.16	74.0	19.84	Peak	70.00	100	Vertical	Pass
5**	13438.111	46.74	54.0	7.26	AV	70.00	100	Vertical	Pass
6	17416.995	56.97	74.0	17.03	Peak	83.00	100	Vertical	Pass
6**	17416.995	45.25	54.0	8.75	AV	83.00	100	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	1326.728	45.71	74.0	28.29	Peak	254.00	300	Horizontal	Pass
1**	1326.728	38.30	54.0	15.70	AV	254.00	300	Horizontal	Pass
2	2999.988	51.30	74.0	22.70	Peak	32.00	400	Horizontal	Pass
2**	2999.988	38.78	54.0	15.22	AV	32.00	400	Horizontal	Pass
3	4933.882	51.78	74.0	22.22	Peak	200.00	200	Horizontal	Pass
3**	4933.882	39.56	54.0	14.44	AV	200.00	200	Horizontal	Pass
4	6804.359	53.25	74.0	20.75	Peak	74.00	300	Horizontal	Pass
4**	6804.359	41.83	54.0	12.17	AV	74.00	300	Horizontal	Pass
5	13408.992	54.29	74.0	19.71	Peak	49.00	100	Horizontal	Pass
5**	13408.992	47.52	54.0	6.48	AV	49.00	100	Horizontal	Pass
6	17422.909	56.55	74.0	17.45	Peak	283.00	100	Horizontal	Pass
6**	17422.909	48.95	54.0	5.05	AV	283.00	100	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	1333.539	45.27	74.0	28.73	Peak	315.00	400	Vertical	Pass
1**	1333.539	37.19	54.0	16.81	AV	315.00	400	Vertical	Pass
2	2985.390	48.05	74.0	25.95	Peak	349.00	400	Vertical	Pass
2**	2985.390	39.67	54.0	14.33	AV	349.00	400	Vertical	Pass
3	4852.509	48.15	74.0	25.85	Peak	11.00	200	Vertical	Pass
3**	4852.509	43.28	54.0	10.72	AV	11.00	200	Vertical	Pass
4	6610.686	51.31	74.0	22.69	Peak	231.00	300	Vertical	Pass
4**	6610.686	43.26	54.0	10.74	AV	231.00	300	Vertical	Pass
5	13433.480	57.75	74.0	16.25	Peak	234.00	200	Vertical	Pass
5**	13433.480	46.55	54.0	7.45	AV	234.00	200	Vertical	Pass
6	17419.535	56.53	74.0	17.47	Peak	117.00	300	Vertical	Pass
6**	17419.535	45.89	54.0	8.11	AV	117.00	300	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	1328.820	46.44	74.0	27.56	Peak	38.00	200	Horizontal	Pass
1**	1328.820	35.08	54.0	18.92	AV	38.00	200	Horizontal	Pass
2	2994.216	47.31	74.0	26.69	Peak	155.00	200	Horizontal	Pass
2**	2994.216	41.12	54.0	12.88	AV	155.00	200	Horizontal	Pass
3	4933.136	49.74	74.0	24.26	Peak	314.00	200	Horizontal	Pass
3**	4933.136	40.66	54.0	13.34	AV	314.00	200	Horizontal	Pass
4	6804.598	53.53	74.0	20.47	Peak	213.00	400	Horizontal	Pass
4**	6804.598	44.65	54.0	9.35	AV	213.00	400	Horizontal	Pass
5	13414.991	55.02	74.0	18.98	Peak	308.00	300	Horizontal	Pass
5**	13414.991	48.35	54.0	5.65	AV	308.00	300	Horizontal	Pass
6	17426.342	55.24	74.0	18.76	Peak	201.00	300	Horizontal	Pass
6**	17426.342	46.68	54.0	7.32	AV	201.00	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	1332.807	46.85	74.0	27.15	Peak	108.00	200	Vertical	Pass
1**	1332.807	37.42	54.0	16.58	AV	108.00	200	Vertical	Pass
2	2978.164	49.16	74.0	24.84	Peak	84.00	200	Vertical	Pass
2**	2978.164	41.79	54.0	12.21	AV	84.00	200	Vertical	Pass
3	4853.916	49.75	74.0	24.25	Peak	62.00	200	Vertical	Pass
3**	4853.916	42.61	54.0	11.39	AV	62.00	200	Vertical	Pass
4	6606.717	51.51	74.0	22.49	Peak	38.00	400	Vertical	Pass
4**	6606.717	42.99	54.0	11.01	AV	38.00	400	Vertical	Pass
5	13436.133	52.96	74.0	21.04	Peak	3.00	400	Vertical	Pass
5**	13436.133	48.08	54.0	5.92	AV	3.00	400	Vertical	Pass
6	17415.436	58.47	74.0	15.53	Peak	33.00	300	Vertical	Pass
6**	17415.436	45.35	54.0	8.65	AV	33.00	300	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	1332.088	43.92	74.0	30.08	Peak	272.00	200	Horizontal	Pass
1**	1332.088	35.29	54.0	18.71	AV	272.00	200	Horizontal	Pass
2	2998.172	49.01	74.0	24.99	Peak	23.00	200	Horizontal	Pass
2**	2998.172	43.21	54.0	10.79	AV	23.00	200	Horizontal	Pass
3	4936.709	50.78	74.0	23.22	Peak	88.00	200	Horizontal	Pass
3**	4936.709	42.27	54.0	11.73	AV	88.00	200	Horizontal	Pass
4	6803.512	51.56	74.0	22.44	Peak	4.00	200	Horizontal	Pass
4**	6803.512	42.66	54.0	11.34	AV	4.00	200	Horizontal	Pass
5	13409.720	54.78	74.0	19.22	Peak	318.00	100	Horizontal	Pass
5**	13409.720	47.20	54.0	6.80	AV	318.00	100	Horizontal	Pass
6	17423.054	55.67	74.0	18.33	Peak	160.00	100	Horizontal	Pass
6**	17423.054	45.86	54.0	8.14	AV	160.00	100	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	1330.990	42.68	74.0	31.32	Peak	188.00	100	Vertical	Pass
1**	1330.990	35.25	54.0	18.75	AV	188.00	100	Vertical	Pass
2	2984.872	47.98	74.0	26.02	Peak	76.00	400	Vertical	Pass
2**	2984.872	39.41	54.0	14.59	AV	76.00	400	Vertical	Pass
3	4852.195	47.59	74.0	26.41	Peak	236.00	200	Vertical	Pass
3**	4852.195	43.27	54.0	10.73	AV	236.00	200	Vertical	Pass
4	6608.103	53.08	74.0	20.92	Peak	268.00	300	Vertical	Pass
4**	6608.103	42.09	54.0	11.91	AV	268.00	300	Vertical	Pass
5	13433.776	52.71	74.0	21.29	Peak	155.00	300	Vertical	Pass
5**	13433.776	46.79	54.0	7.21	AV	155.00	300	Vertical	Pass
6	17418.587	56.44	74.0	17.56	Peak	54.00	300	Vertical	Pass
6**	17418.587	45.74	54.0	8.26	AV	54.00	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	1329.277	45.57	74.0	28.43	Peak	265.00	300	Horizontal	Pass
1**	1329.277	39.55	54.0	14.45	AV	265.00	300	Horizontal	Pass
2	2994.112	52.45	74.0	21.55	Peak	316.00	100	Horizontal	Pass
2**	2994.112	42.59	54.0	11.41	AV	316.00	100	Horizontal	Pass
3	4936.238	51.15	74.0	22.85	Peak	347.00	200	Horizontal	Pass
3**	4936.238	42.00	54.0	12.00	AV	347.00	200	Horizontal	Pass
4	6803.894	51.83	74.0	22.17	Peak	17.00	400	Horizontal	Pass
4**	6803.894	45.64	54.0	8.36	AV	17.00	400	Horizontal	Pass
5	13409.796	55.66	74.0	18.34	Peak	235.00	400	Horizontal	Pass
5**	13409.796	49.14	54.0	4.86	AV	235.00	400	Horizontal	Pass
6	17423.634	58.42	74.0	15.58	Peak	354.00	200	Horizontal	Pass
6**	17423.634	45.27	54.0	8.73	AV	354.00	200	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	1330.821	45.33	74.0	28.67	Peak	119.00	200	Vertical	Pass
1**	1330.821	35.38	54.0	18.62	AV	119.00	200	Vertical	Pass
2	2983.007	48.50	74.0	25.50	Peak	304.00	200	Vertical	Pass
2**	2983.007	43.40	54.0	10.60	AV	304.00	200	Vertical	Pass
3	4852.550	47.69	74.0	26.31	Peak	126.00	200	Vertical	Pass
3**	4852.550	38.93	54.0	15.07	AV	126.00	200	Vertical	Pass
4	6608.992	55.20	74.0	18.80	Peak	6.00	100	Vertical	Pass
4**	6608.992	46.89	54.0	7.11	AV	6.00	100	Vertical	Pass
5	13436.750	53.37	74.0	20.63	Peak	214.00	200	Vertical	Pass
5**	13436.750	48.25	54.0	5.75	AV	214.00	200	Vertical	Pass
6	17415.650	57.25	74.0	16.75	Peak	245.00	300	Vertical	Pass
6**	17415.650	48.47	54.0	5.53	AV	245.00	300	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	1331.231	45.23	74.0	28.77	Peak	331.00	200	Horizontal	Pass
1**	1331.231	34.01	54.0	19.99	AV	331.00	200	Horizontal	Pass
2	2995.807	51.43	74.0	22.57	Peak	111.00	400	Horizontal	Pass
2**	2995.807	41.50	54.0	12.50	AV	111.00	400	Horizontal	Pass
3	4937.435	54.56	74.0	19.44	Peak	135.00	200	Horizontal	Pass
3**	4937.435	42.14	54.0	11.86	AV	135.00	200	Horizontal	Pass
4	6805.489	57.30	74.0	16.70	Peak	316.00	400	Horizontal	Pass
4**	6805.489	46.98	54.0	7.02	AV	316.00	400	Horizontal	Pass
5	13408.951	53.74	74.0	20.26	Peak	334.00	400	Horizontal	Pass
5**	13408.951	49.48	54.0	4.52	AV	334.00	400	Horizontal	Pass
6	17427.767	54.29	74.0	19.71	Peak	243.00	400	Horizontal	Pass
6**	17427.767	49.27	54.0	4.73	AV	243.00	400	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	1329.975	47.86	74.0	26.14	Peak	336.00	100	Vertical	Pass
1**	1329.975	39.52	54.0	14.48	AV	336.00	100	Vertical	Pass
2	2980.485	51.44	74.0	22.56	Peak	141.00	300	Vertical	Pass
2**	2980.485	39.18	54.0	14.82	AV	141.00	300	Vertical	Pass
3	4854.599	52.17	74.0	21.83	Peak	110.00	200	Vertical	Pass
3**	4854.599	38.43	54.0	15.57	AV	110.00	200	Vertical	Pass
4	6604.519	51.51	74.0	22.49	Peak	265.00	400	Vertical	Pass
4**	6604.519	46.66	54.0	7.34	AV	265.00	400	Vertical	Pass
5	13431.657	55.62	74.0	18.38	Peak	217.00	400	Vertical	Pass
5**	13431.657	45.80	54.0	8.20	AV	217.00	400	Vertical	Pass
6	17418.495	55.12	74.0	18.88	Peak	211.00	300	Vertical	Pass
6**	17418.495	49.77	54.0	4.23	AV	211.00	300	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	1331.398	46.03	74.0	27.97	Peak	39.00	400	Horizontal	Pass
1**	1331.398	37.90	54.0	16.10	AV	39.00	400	Horizontal	Pass
2	2999.565	51.08	74.0	22.92	Peak	113.00	100	Horizontal	Pass
2**	2999.565	42.27	54.0	11.73	AV	113.00	100	Horizontal	Pass
3	4932.445	52.10	74.0	21.90	Peak	297.00	200	Horizontal	Pass
3**	4932.445	44.03	54.0	9.97	AV	297.00	200	Horizontal	Pass
4	6803.672	53.95	74.0	20.05	Peak	168.00	300	Horizontal	Pass
4**	6803.672	45.43	54.0	8.57	AV	168.00	300	Horizontal	Pass
5	13408.466	55.07	74.0	18.93	Peak	307.00	100	Horizontal	Pass
5**	13408.466	47.37	54.0	6.63	AV	307.00	100	Horizontal	Pass
6	17430.065	58.92	74.0	15.08	Peak	200.00	400	Horizontal	Pass
6**	17430.065	46.81	54.0	7.19	AV	200.00	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	1336.104	42.84	74.0	31.16	Peak	339.00	400	Vertical	Pass
1**	1336.104	40.03	54.0	13.97	AV	339.00	400	Vertical	Pass
2	2981.268	52.96	74.0	21.04	Peak	215.00	100	Vertical	Pass
2**	2981.268	40.25	54.0	13.75	AV	215.00	100	Vertical	Pass
3	4854.650	50.76	74.0	23.24	Peak	30.00	200	Vertical	Pass
3**	4854.650	38.27	54.0	15.73	AV	30.00	200	Vertical	Pass
4	6610.839	51.27	74.0	22.73	Peak	188.00	200	Vertical	Pass
4**	6610.839	42.50	54.0	11.50	AV	188.00	200	Vertical	Pass
5	13435.667	52.59	74.0	21.41	Peak	338.00	300	Vertical	Pass
5**	13435.667	47.07	54.0	6.93	AV	338.00	300	Vertical	Pass
6	17413.959	56.78	74.0	17.22	Peak	293.00	100	Vertical	Pass
6**	17413.959	44.91	54.0	9.09	AV	293.00	100	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	1332.436	47.38	74.0	26.62	Peak	349.00	200	Horizontal	Pass
1**	1332.436	35.33	54.0	18.67	AV	349.00	200	Horizontal	Pass
2	2996.010	53.12	74.0	20.88	Peak	144.00	200	Horizontal	Pass
2**	2996.010	40.73	54.0	13.27	AV	144.00	200	Horizontal	Pass
3	4932.212	53.12	74.0	20.88	Peak	186.00	200	Horizontal	Pass
3**	4932.212	42.31	54.0	11.69	AV	186.00	200	Horizontal	Pass
4	6809.596	56.63	74.0	17.37	Peak	133.00	200	Horizontal	Pass
4**	6809.596	45.24	54.0	8.76	AV	133.00	200	Horizontal	Pass
5	13407.514	58.21	74.0	15.79	Peak	155.00	200	Horizontal	Pass
5**	13407.514	48.17	54.0	5.83	AV	155.00	200	Horizontal	Pass
6	17428.481	55.29	74.0	18.71	Peak	265.00	100	Horizontal	Pass
6**	17428.481	46.40	54.0	7.60	AV	265.00	100	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	1333.796	42.79	74.0	31.21	Peak	12.00	300	Vertical	Pass
1**	1333.796	37.00	54.0	17.00	AV	12.00	300	Vertical	Pass
2	2980.086	49.46	74.0	24.54	Peak	203.00	400	Vertical	Pass
2**	2980.086	39.16	54.0	14.84	AV	203.00	400	Vertical	Pass
3	4855.494	48.39	74.0	25.61	Peak	348.00	200	Vertical	Pass
3**	4855.494	43.39	54.0	10.61	AV	348.00	200	Vertical	Pass
4	6606.800	51.60	74.0	22.40	Peak	297.00	300	Vertical	Pass
4**	6606.800	43.91	54.0	10.09	AV	297.00	300	Vertical	Pass
5	13437.554	57.52	74.0	16.48	Peak	95.00	100	Vertical	Pass
5**	13437.554	47.49	54.0	6.51	AV	95.00	100	Vertical	Pass
6	17419.072	59.33	74.0	14.67	Peak	238.00	400	Vertical	Pass
6**	17419.072	49.33	54.0	4.67	AV	238.00	400	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	1333.665	43.27	74.0	30.73	Peak	175.00	300	Horizontal	Pass
1**	1333.665	39.41	54.0	14.59	AV	175.00	300	Horizontal	Pass
2	2999.032	47.57	74.0	26.43	Peak	177.00	200	Horizontal	Pass
2**	2999.032	41.23	54.0	12.77	AV	177.00	200	Horizontal	Pass
3	4931.179	54.08	74.0	19.92	Peak	83.00	200	Horizontal	Pass
3**	4931.179	44.36	54.0	9.64	AV	83.00	200	Horizontal	Pass
4	6810.566	55.71	74.0	18.29	Peak	339.00	100	Horizontal	Pass
4**	6810.566	43.18	54.0	10.82	AV	339.00	100	Horizontal	Pass
5	13410.151	57.21	74.0	16.79	Peak	5.00	200	Horizontal	Pass
5**	13410.151	45.56	54.0	8.44	AV	5.00	200	Horizontal	Pass
6	17429.760	54.53	74.0	19.47	Peak	29.00	300	Horizontal	Pass
6**	17429.760	48.70	54.0	5.30	AV	29.00	300	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	1333.103	43.79	74.0	30.21	Peak	145.00	400	Vertical	Pass
1**	1333.103	35.62	54.0	18.38	AV	145.00	400	Vertical	Pass
2	2979.433	48.69	74.0	25.31	Peak	286.00	300	Vertical	Pass
2**	2979.433	38.83	54.0	15.17	AV	286.00	300	Vertical	Pass
3	4850.589	47.84	74.0	26.16	Peak	182.00	200	Vertical	Pass
3**	4850.589	38.39	54.0	15.61	AV	182.00	200	Vertical	Pass
4	6608.441	56.48	74.0	17.52	Peak	3.00	100	Vertical	Pass
4**	6608.441	45.72	54.0	8.28	AV	3.00	100	Vertical	Pass
5	13434.284	53.53	74.0	20.47	Peak	129.00	300	Vertical	Pass
5**	13434.284	44.96	54.0	9.04	AV	129.00	300	Vertical	Pass
6	17418.039	59.19	74.0	14.81	Peak	9.00	200	Vertical	Pass
6**	17418.039	48.01	54.0	5.99	AV	9.00	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	1333.006	43.16	74.0	30.84	Peak	327.00	200	Horizontal	Pass
1**	1333.006	39.21	54.0	14.79	AV	327.00	200	Horizontal	Pass
2	2993.888	48.02	74.0	25.98	Peak	182.00	100	Horizontal	Pass
2**	2993.888	40.85	54.0	13.15	AV	182.00	100	Horizontal	Pass
3	4935.993	51.87	74.0	22.13	Peak	7.00	200	Horizontal	Pass
3**	4935.993	39.38	54.0	14.62	AV	7.00	200	Horizontal	Pass
4	6809.190	55.08	74.0	18.92	Peak	152.00	400	Horizontal	Pass
4**	6809.190	42.31	54.0	11.69	AV	152.00	400	Horizontal	Pass
5	13408.534	58.33	74.0	15.67	Peak	317.00	200	Horizontal	Pass
5**	13408.534	44.86	54.0	9.14	AV	317.00	200	Horizontal	Pass
6	17430.000	53.41	74.0	20.59	Peak	68.00	200	Horizontal	Pass
6**	17430.000	45.50	54.0	8.50	AV	68.00	200	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	1331.181	44.63	74.0	29.37	Peak	208.00	300	Vertical	Pass
1**	1331.181	36.13	54.0	17.87	AV	208.00	300	Vertical	Pass
2	2982.939	48.29	74.0	25.71	Peak	47.00	300	Vertical	Pass
2**	2982.939	42.97	54.0	11.03	AV	47.00	300	Vertical	Pass
3	4852.238	49.97	74.0	24.03	Peak	111.00	200	Vertical	Pass
3**	4852.238	38.35	54.0	15.65	AV	111.00	200	Vertical	Pass
4	6603.682	52.77	74.0	21.23	Peak	215.00	200	Vertical	Pass
4**	6603.682	42.76	54.0	11.24	AV	215.00	200	Vertical	Pass
5	13433.722	52.58	74.0	21.42	Peak	61.00	300	Vertical	Pass
5**	13433.722	47.76	54.0	6.24	AV	61.00	300	Vertical	Pass
6	17416.284	57.36	74.0	16.64	Peak	251.00	300	Vertical	Pass
6**	17416.284	45.10	54.0	8.90	AV	251.00	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 C63.10-2013, 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.

Test Data

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.425	57.11	74.0	16.89	Peak	13.00	100	Horizontal	Pass
1**	2384.425	46.99	54.0	7.01	AV	13.00	100	Horizontal	Pass
2	2390.000	53.33	74.0	20.67	Peak	281.00	300	Horizontal	Pass
2**	2390.000	45.08	54.0	8.92	AV	281.00	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	55.03	74.0	18.97	Peak	130.00	200	Horizontal	Pass
1**	2483.500	45.54	54.0	8.46	AV	130.00	200	Horizontal	Pass
2	2486.104	60.03	74.0	13.97	Peak	346.00	300	Horizontal	Pass
2**	2486.104	45.76	54.0	8.24	AV	346.00	300	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	2385.237	57.75	74.0	16.25	Peak	119.00	100	Horizontal	Pass
1**	2385.237	48.15	54.0	5.85	AV	119.00	100	Horizontal	Pass
2	2390.000	55.06	74.0	18.94	Peak	196.00	300	Horizontal	Pass
2**	2390.000	45.26	54.0	8.74	AV	196.00	300	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	55.24	74.0	18.76	Peak	241.00	100	Horizontal	Pass
1**	2483.500	47.83	54.0	6.17	AV	241.00	100	Horizontal	Pass
2	2486.223	59.91	74.0	14.09	Peak	316.00	100	Horizontal	Pass
2**	2486.223	44.17	54.0	9.83	AV	316.00	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	2383.669	58.2	74.0	15.80	Peak	282.00	100	Horizontal	Pass
1**	2383.669	47.81	54.0	6.19	AV	282.00	100	Horizontal	Pass
2	2390.000	55.19	74.0	18.81	Peak	90.00	100	Horizontal	Pass
2**	2390.000	44.23	54.0	9.77	AV	90.00	100	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	56.69	74.0	17.31	Peak	155.00	100	Horizontal	Pass
1**	2483.500	46.58	54.0	7.42	AV	155.00	100	Horizontal	Pass
2	2486.582	59.08	74.0	14.92	Peak	260.00	300	Horizontal	Pass
2**	2486.582	44.97	54.0	9.03	AV	260.00	300	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	2384.155	56.93	74.0	17.07	Peak	151.00	200	Horizontal	Pass
1**	2384.155	48.36	54.0	5.64	AV	151.00	200	Horizontal	Pass
2	2390.000	55.97	74.0	18.03	Peak	175.00	100	Horizontal	Pass
2**	2390.000	45.44	54.0	8.56	AV	175.00	100	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	56.84	74.0	17.16	Peak	330.00	200	Horizontal	Pass
1**	2483.500	46.18	54.0	7.82	AV	330.00	200	Horizontal	Pass
2	2487.812	58.2	74.0	15.80	Peak	311.00	100	Horizontal	Pass
2**	2487.812	45.19	54.0	8.81	AV	311.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.030	8
Middle	-9.581	8
High	-9.461	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.461	8
Middle	-10.897	8
High	-10.471	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.770	8
Middle	-10.824	8
High	-10.426	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.159	8
Middle	-11.316	8
High	-11.127	8

Test Plots

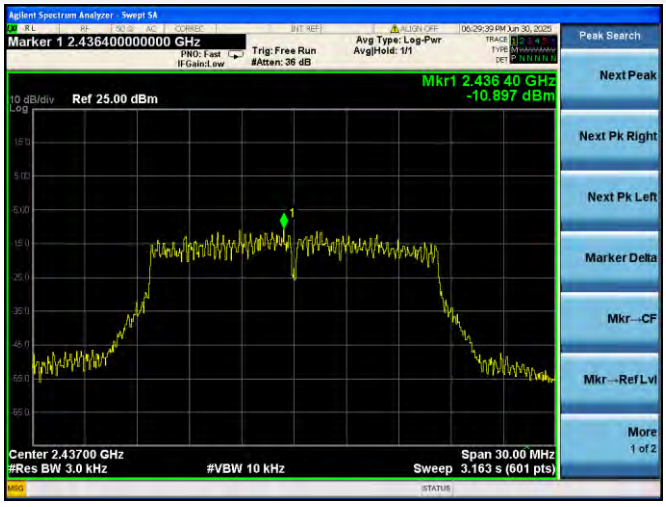
802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL

802.11g MIDDLE CHANNEL



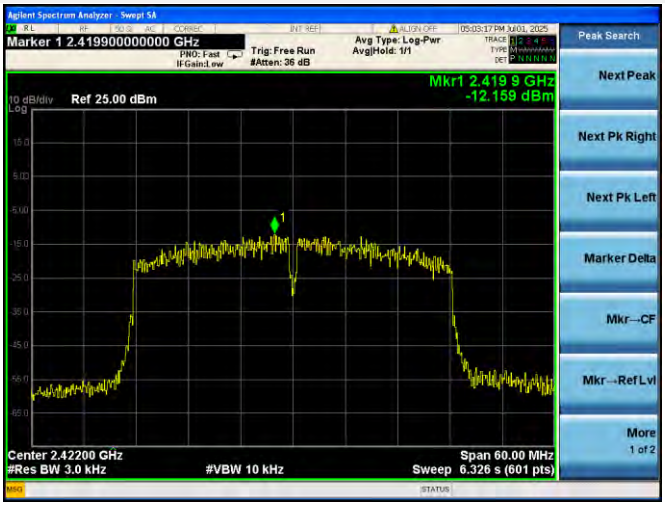
802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

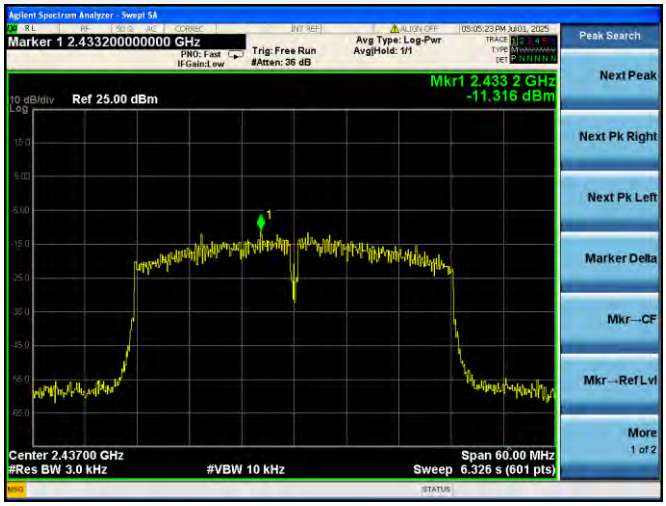
802.11n-20 MHz MIDDLE CHANNEL

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-SZ2560204-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2560204-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2560204-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--