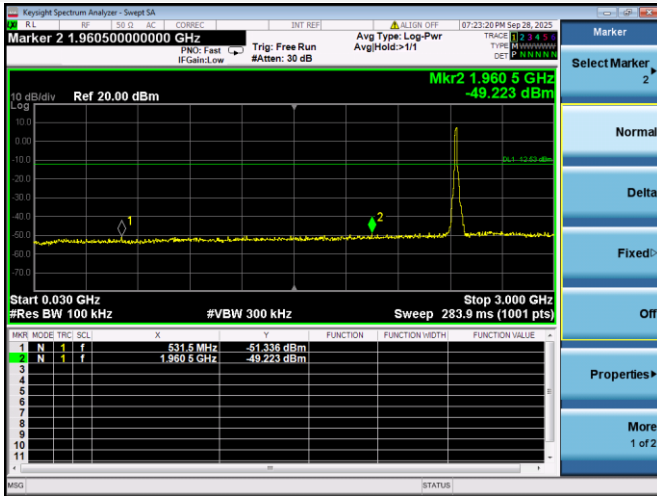
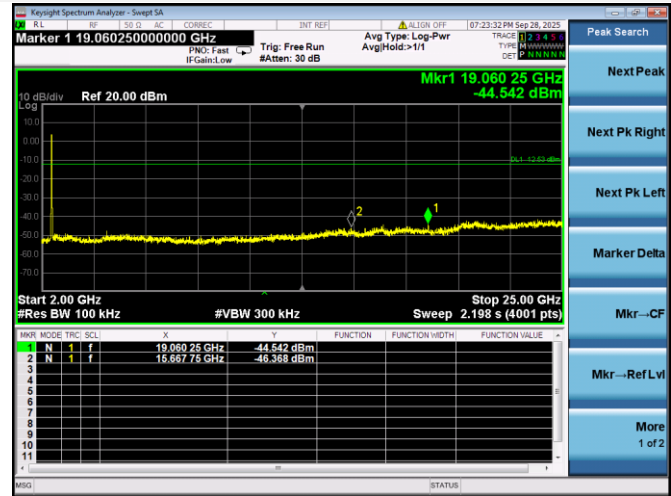


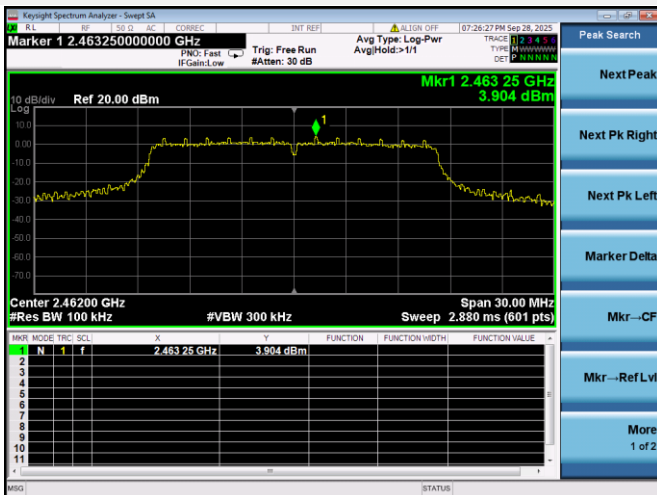
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



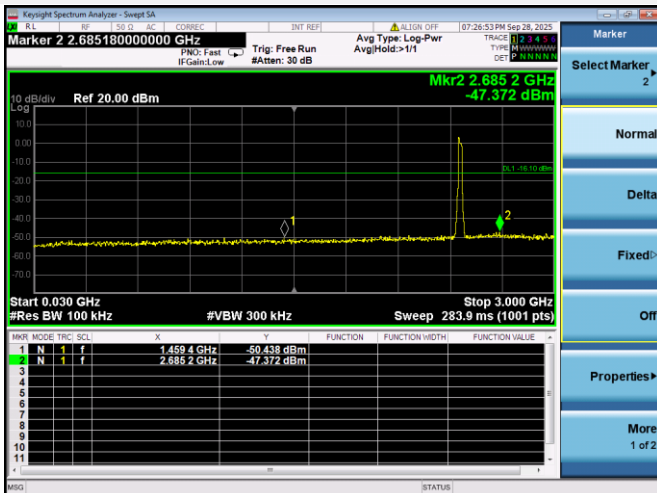
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



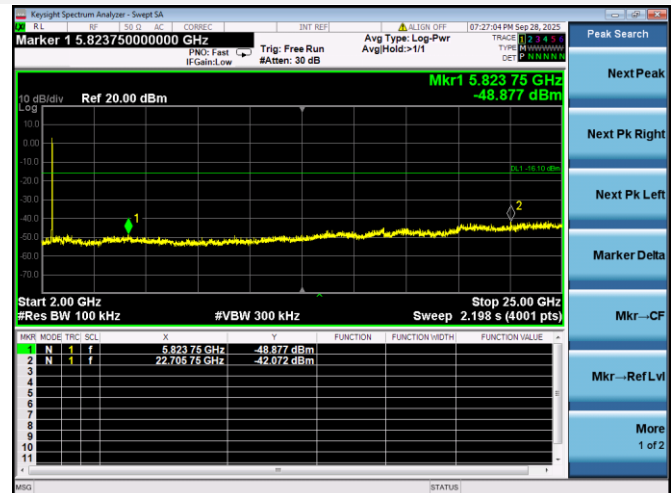
802.11g HIGH CHANNEL CARRIER LEVEL



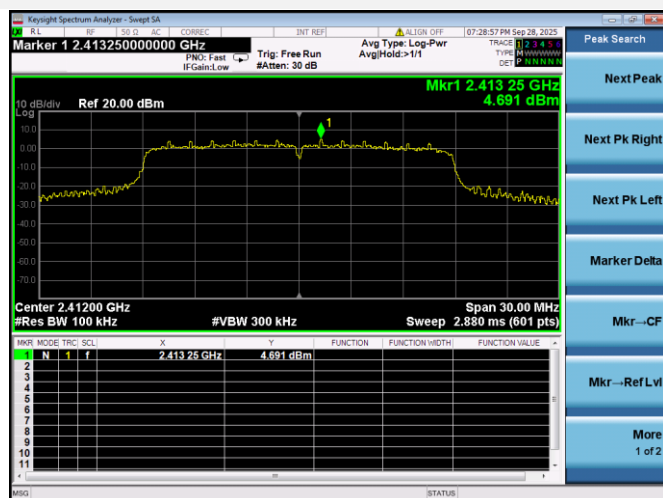
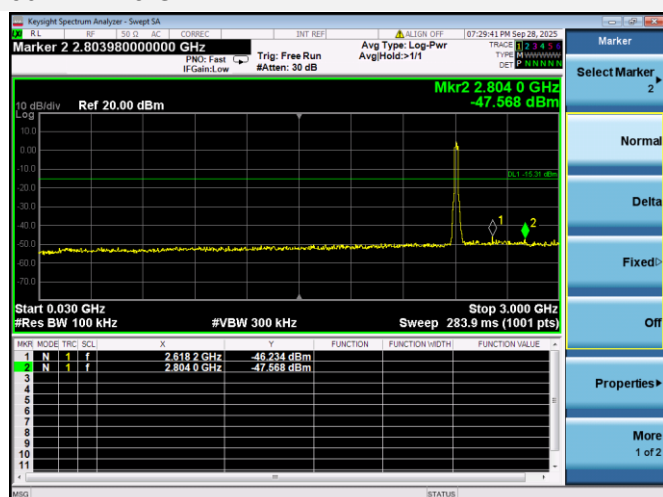
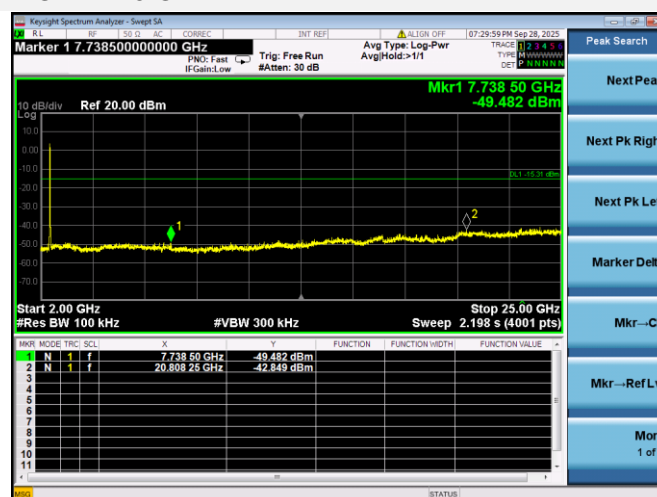
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



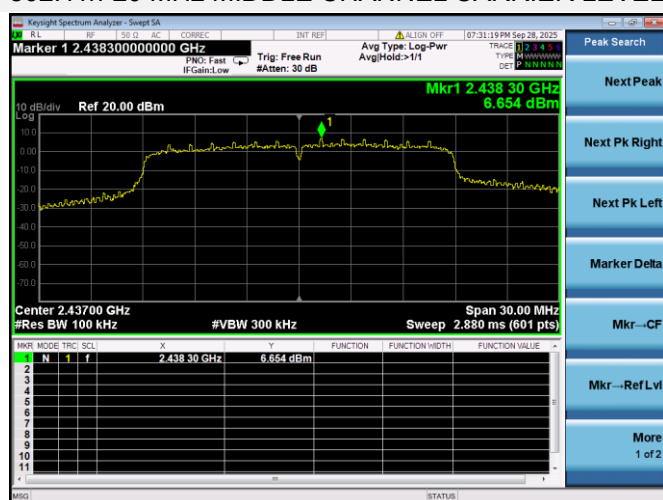
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



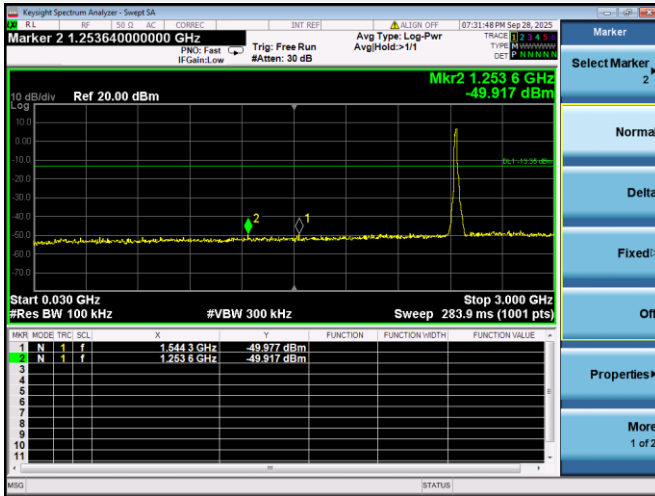
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

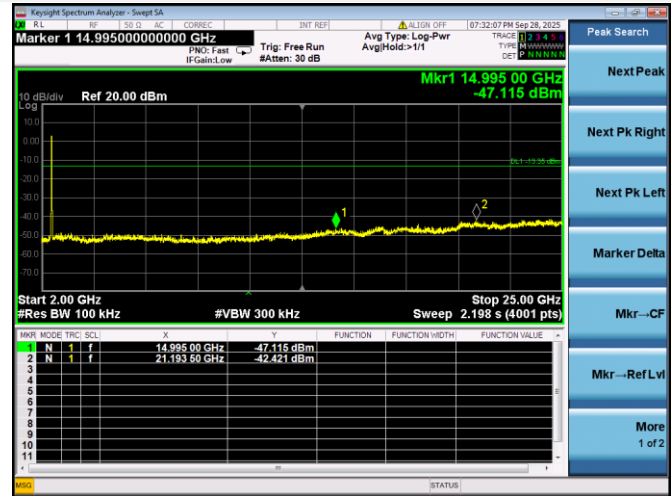
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



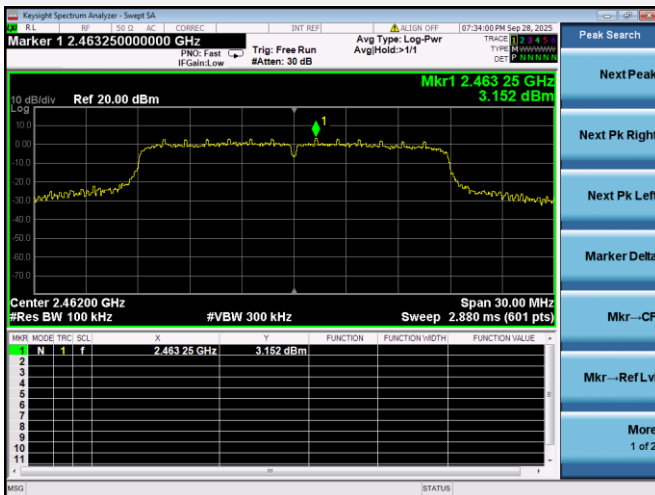
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



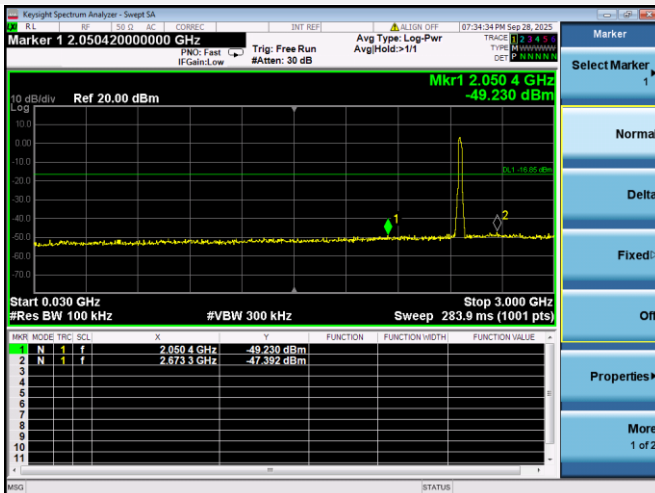
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



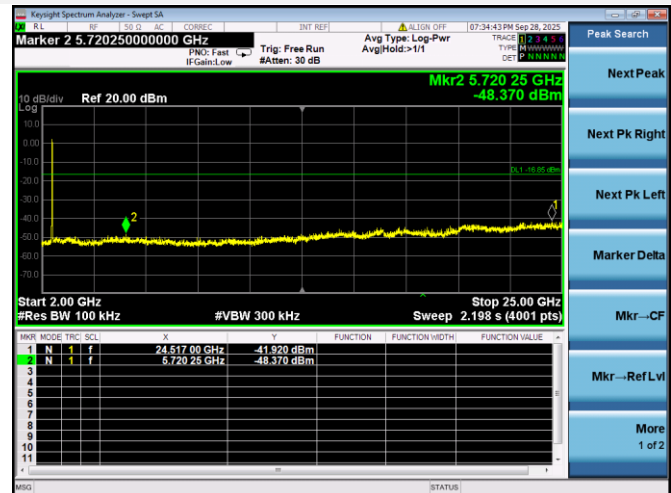
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



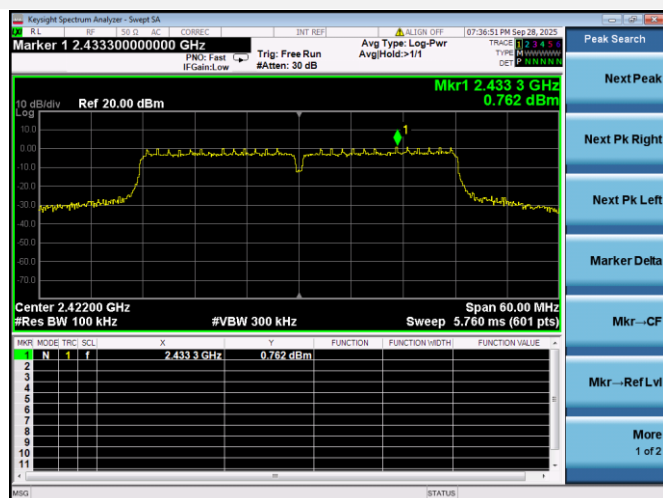
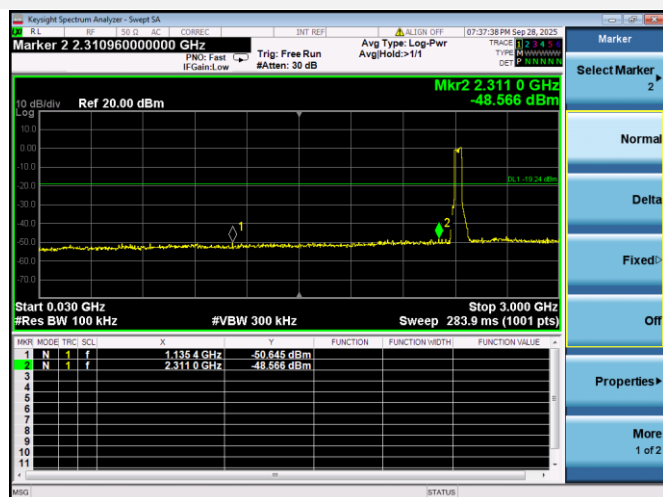
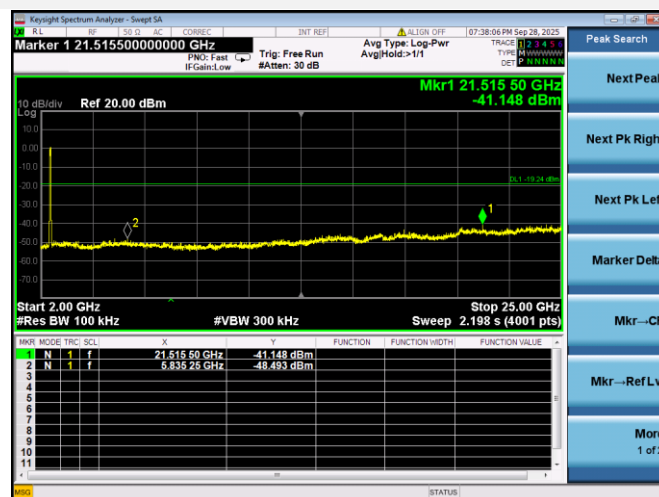
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



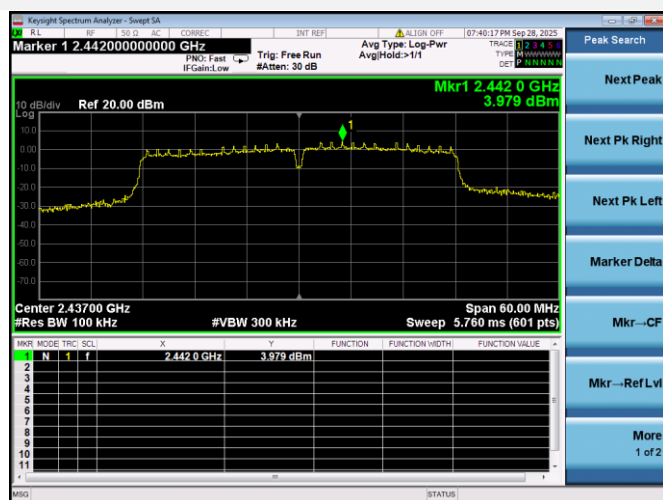
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



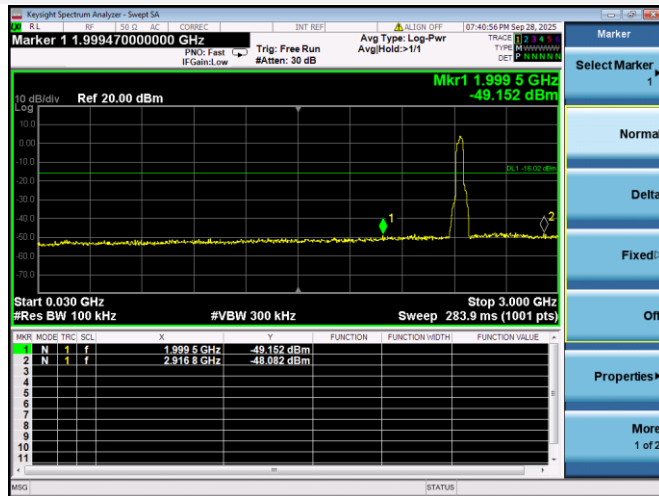
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

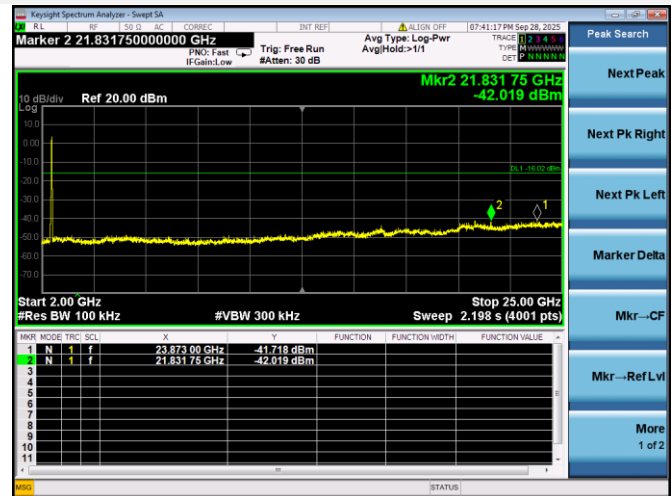
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



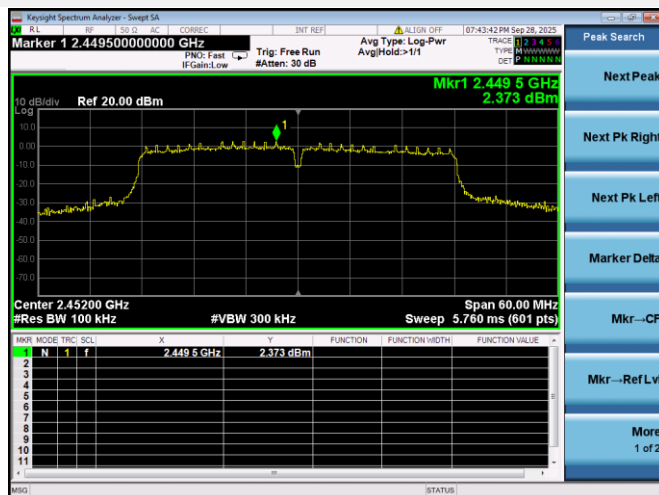
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



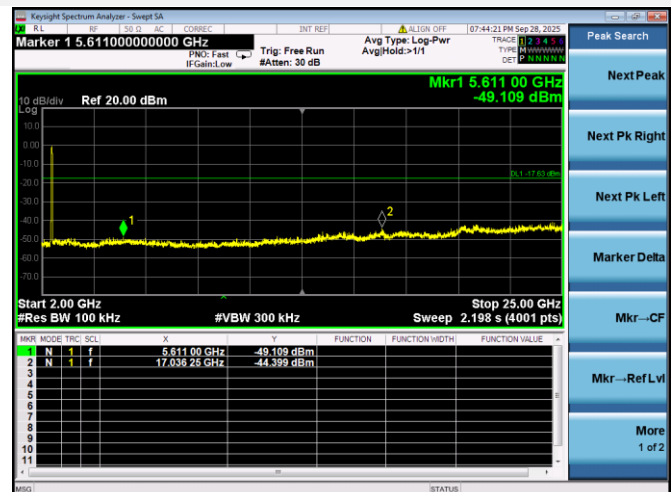
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



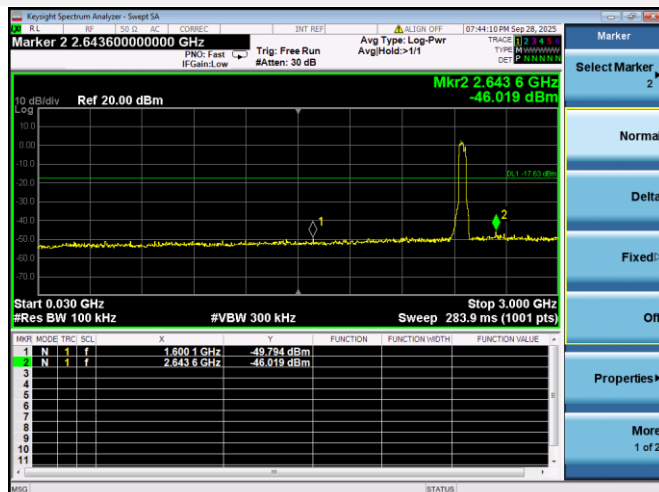
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

Note ¹: 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	-32.97	9.46	-10.54	Pass
High Channel	-48.63	8.01	-11.99	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-22.33	5.41	-14.59	Pass
High Channel	-39.88	3.90	-16.10	Pass

802.11n-20 MHz Mode:

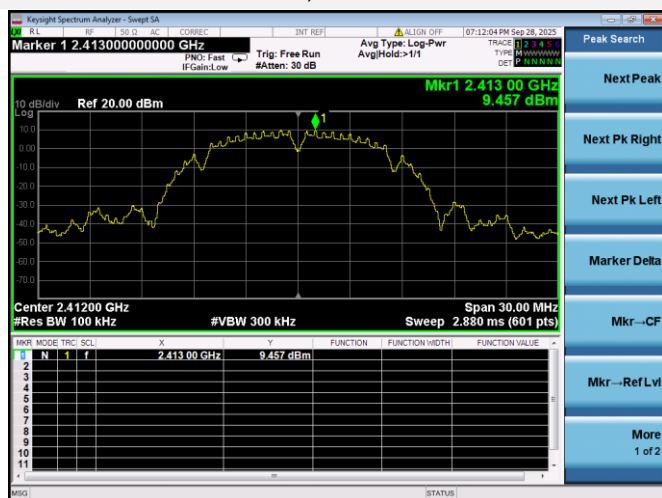
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-22.82	4.69	-15.31	Pass
High Channel	-40.12	3.15	-16.85	Pass

802.11n-40 MHz Mode:

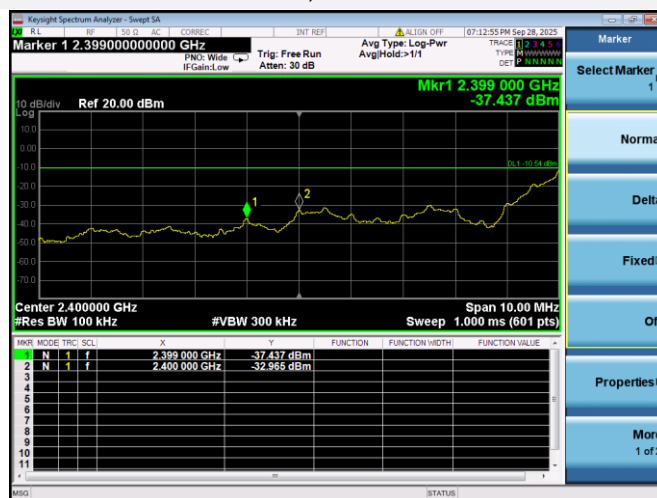
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.13	0.76	-19.24	Pass
High Channel	-33.24	2.37	-17.63	Pass

Test Plots

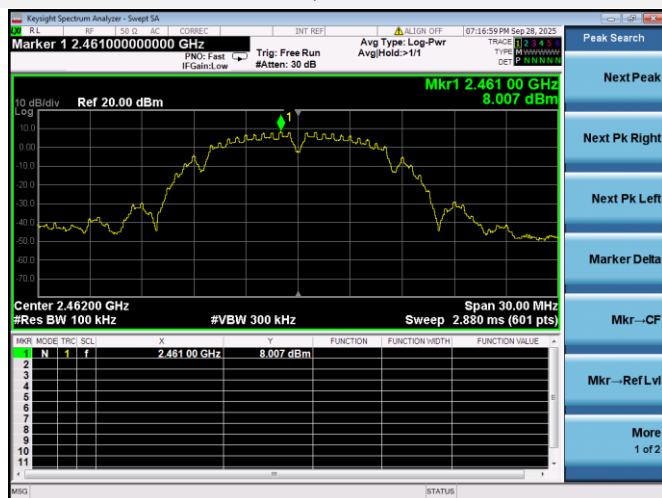
802.11b LOW CHANNEL, CARRIER LEVEL



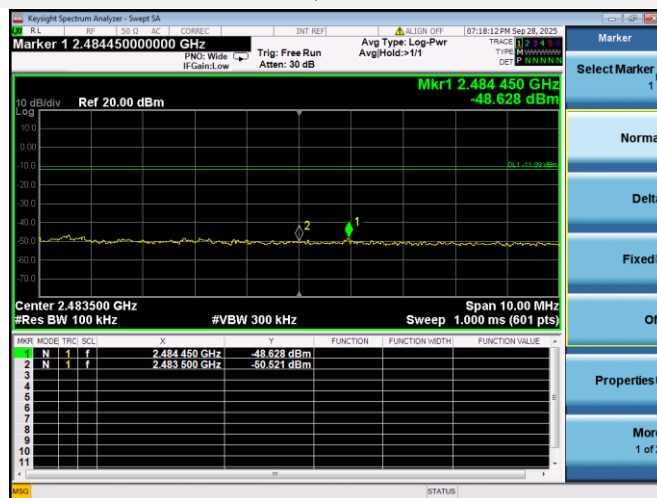
802.11b LOW CHANNEL, BAND EDGE



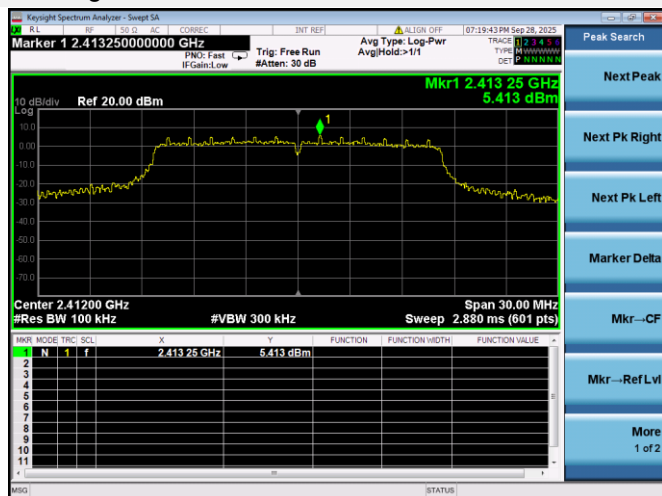
802.11b HIGH CHANNEL, CARRIER LEVEL



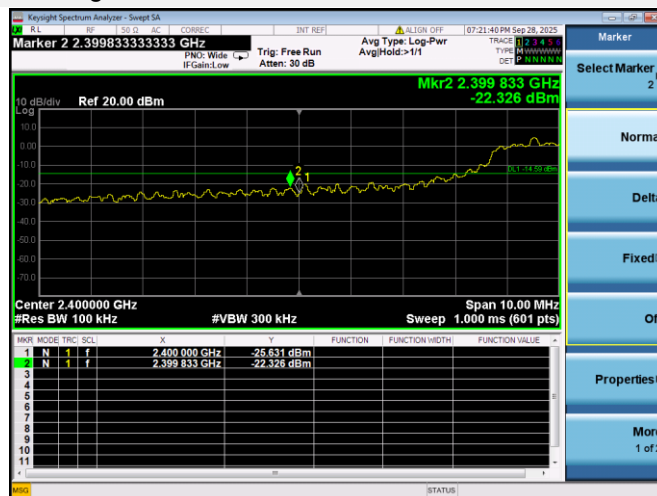
802.11b HIGH CHANNEL, BAND EDGE



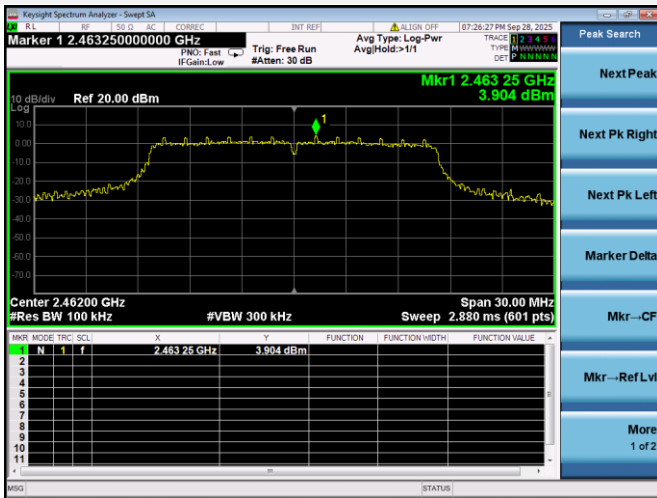
802.11g LOW CHANNEL, CARRIER LEVEL



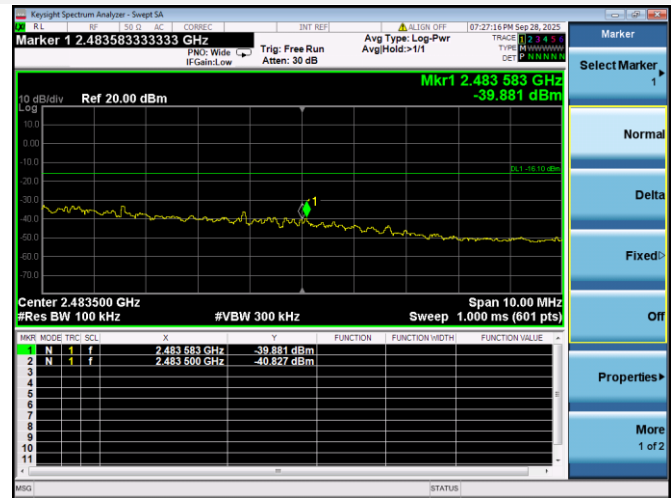
802.11g LOW CHANNEL, BAND EDGE



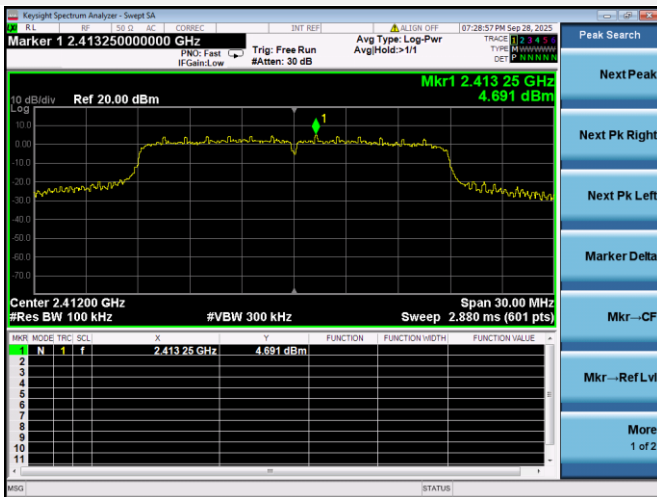
802.11g HIGH CHANNEL, CARRIER LEVEL



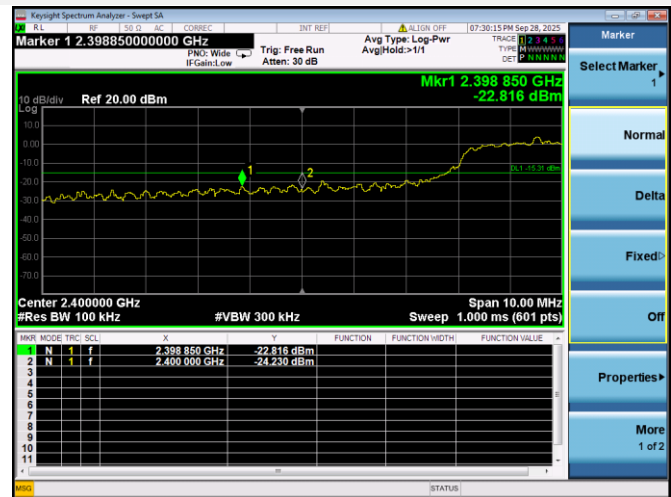
802.11g HIGH CHANNEL, BAND EDGE



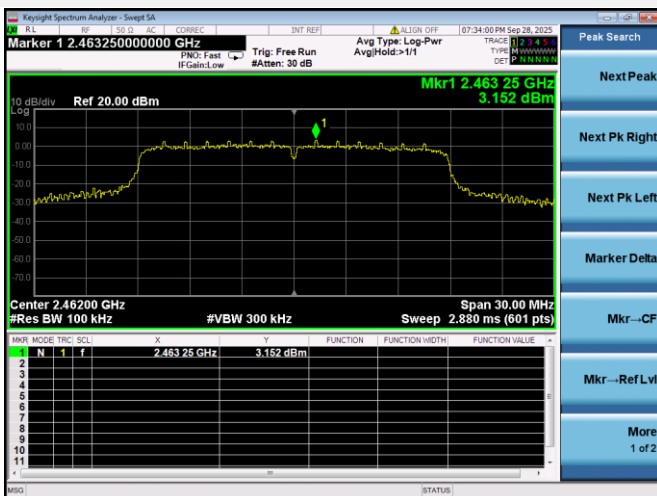
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



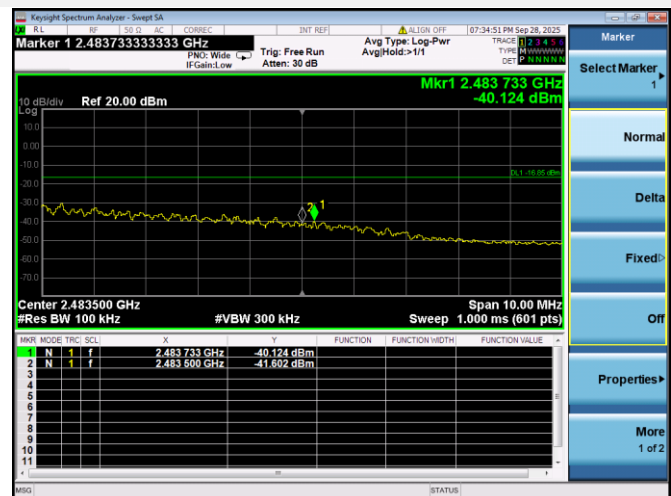
802.11n-20 MHz LOW CHANNEL, BAND EDGE



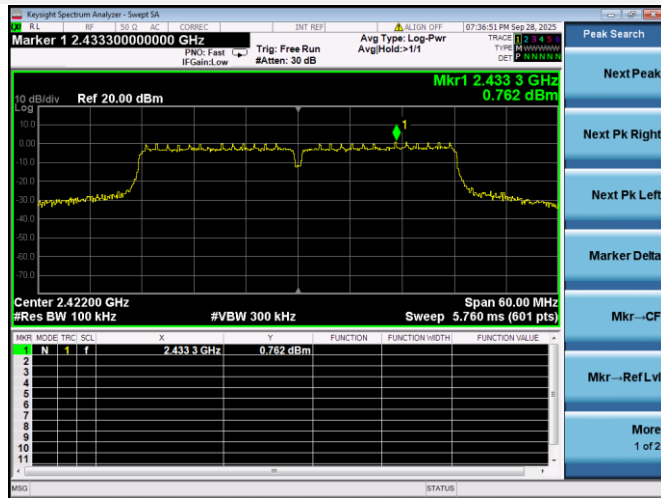
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



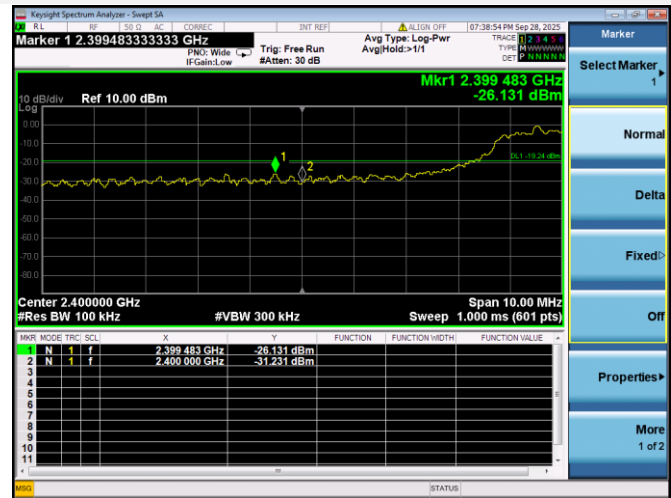
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



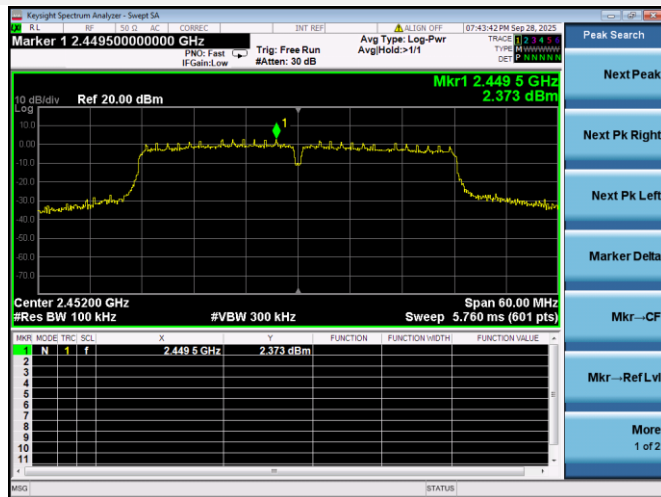
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



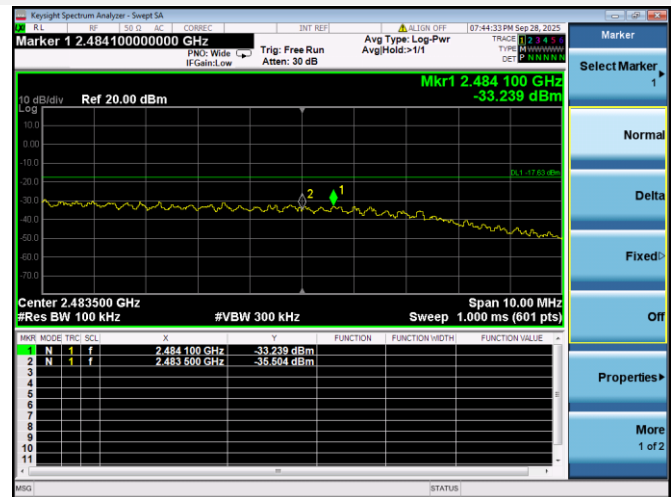
802.11n-40 MHz LOW CHANNEL, BAND EDGE



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.

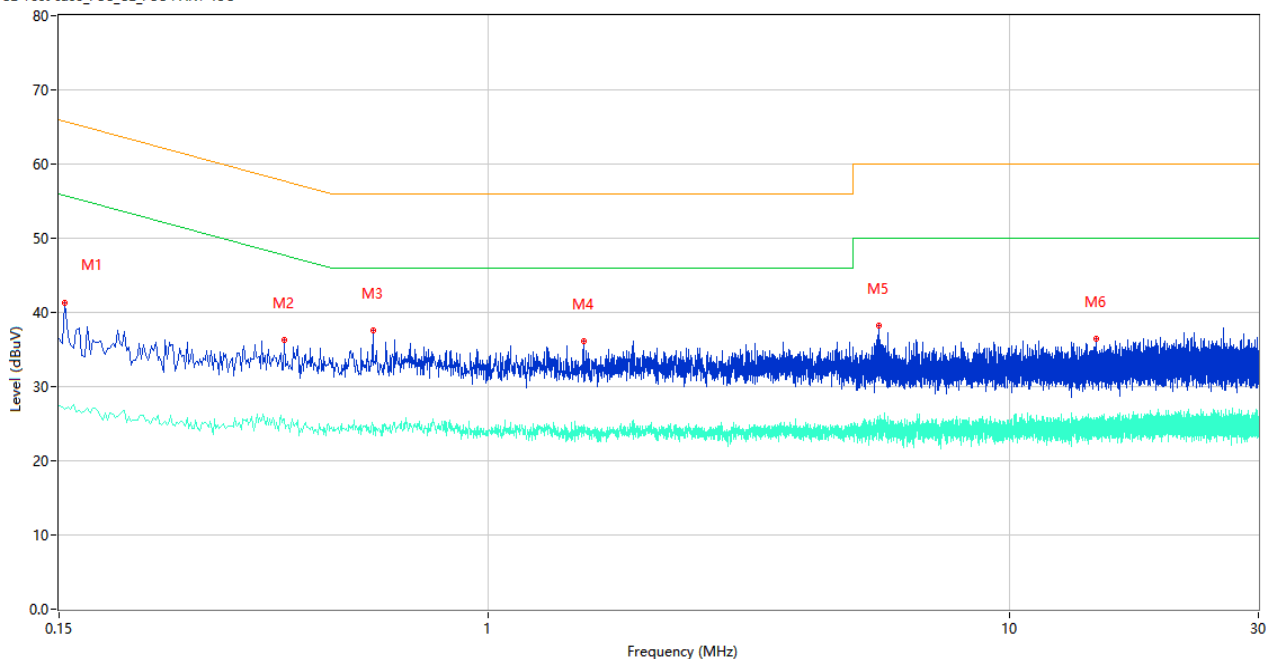
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

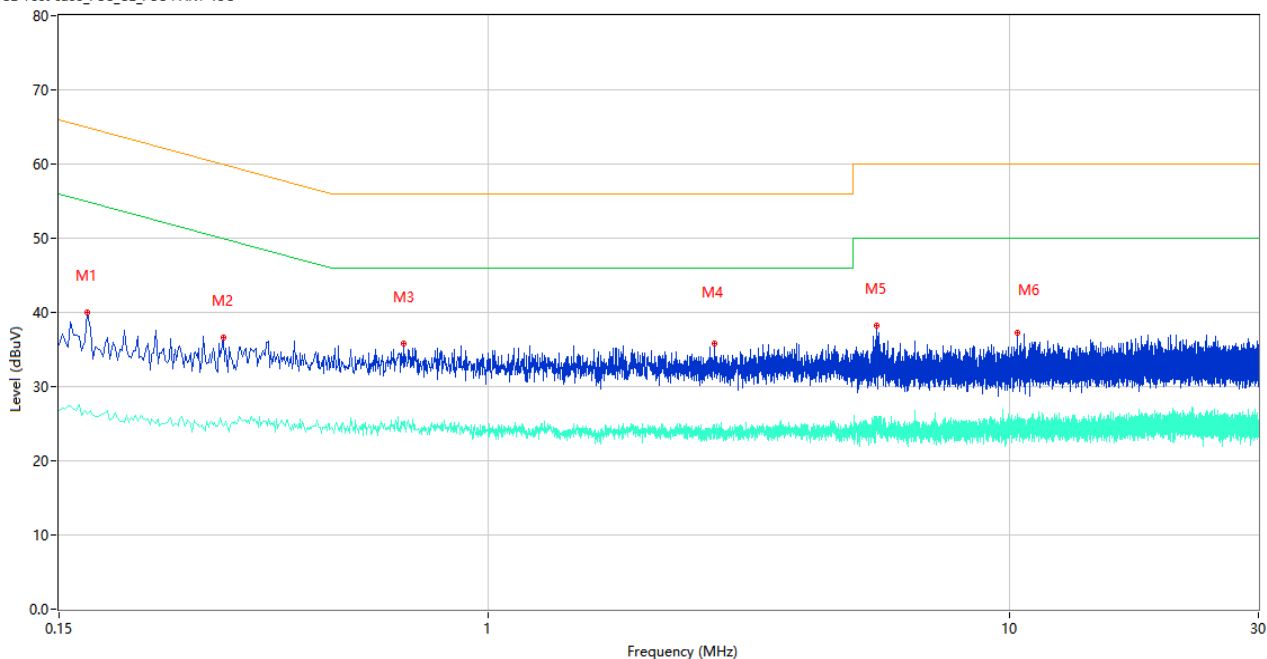
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	41.33	9.86	65.78	24.45	Peak	L	Pass
1**	0.154	26.94	9.86	55.78	28.84	AV	L	Pass
2	0.406	36.28	10.55	57.73	21.45	Peak	L	Pass
2**	0.406	25.68	10.55	47.73	22.05	AV	L	Pass
3	0.600	37.56	10.22	56.00	18.44	Peak	L	Pass
3**	0.600	24.62	10.22	46.00	21.38	AV	L	Pass
4	1.522	36.17	10.27	56.00	19.83	Peak	L	Pass
4**	1.522	24.76	10.27	46.00	21.24	AV	L	Pass
5	5.620	38.29	10.47	60.00	21.71	Peak	L	Pass
5**	5.620	24.79	10.47	50.00	25.21	AV	L	Pass
6	14.678	36.40	10.41	60.00	23.60	Peak	L	Pass
6**	14.678	25.49	10.41	50.00	24.51	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.170	40.04	9.85	64.96	24.92	Peak	N	Pass
1**	0.170	26.28	9.85	54.96	28.68	AV	N	Pass
2	0.310	36.60	10.02	59.97	23.37	Peak	N	Pass
2**	0.310	24.71	10.02	49.97	25.26	AV	N	Pass
3	0.688	35.83	10.61	56.00	20.17	Peak	N	Pass
3**	0.688	25.27	10.61	46.00	20.73	AV	N	Pass
4	2.720	35.86	10.16	56.00	20.14	Peak	N	Pass
4**	2.720	23.90	10.16	46.00	22.10	AV	N	Pass
5	5.564	38.29	10.52	60.00	21.71	Peak	N	Pass
5**	5.564	24.15	10.52	50.00	25.85	AV	N	Pass
6	10.366	37.33	10.48	60.00	22.67	Peak	N	Pass
6**	10.366	24.83	10.48	50.00	25.17	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of "--" in the table which means not application.

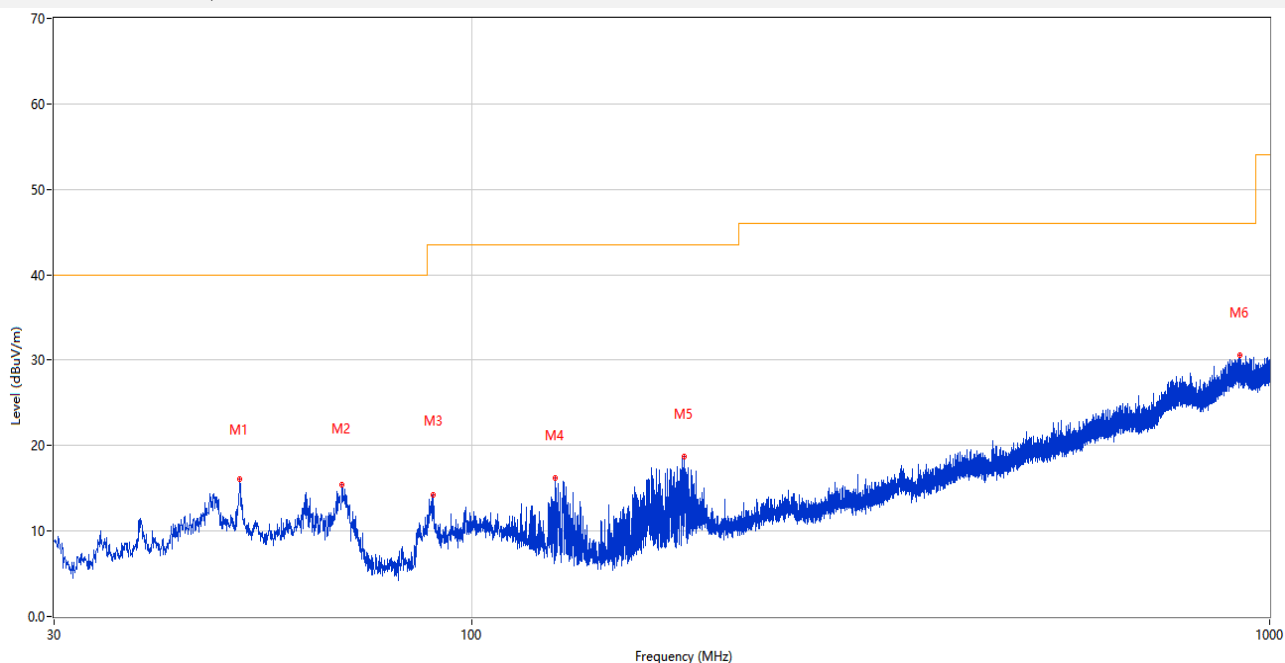
Note²: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: 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.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

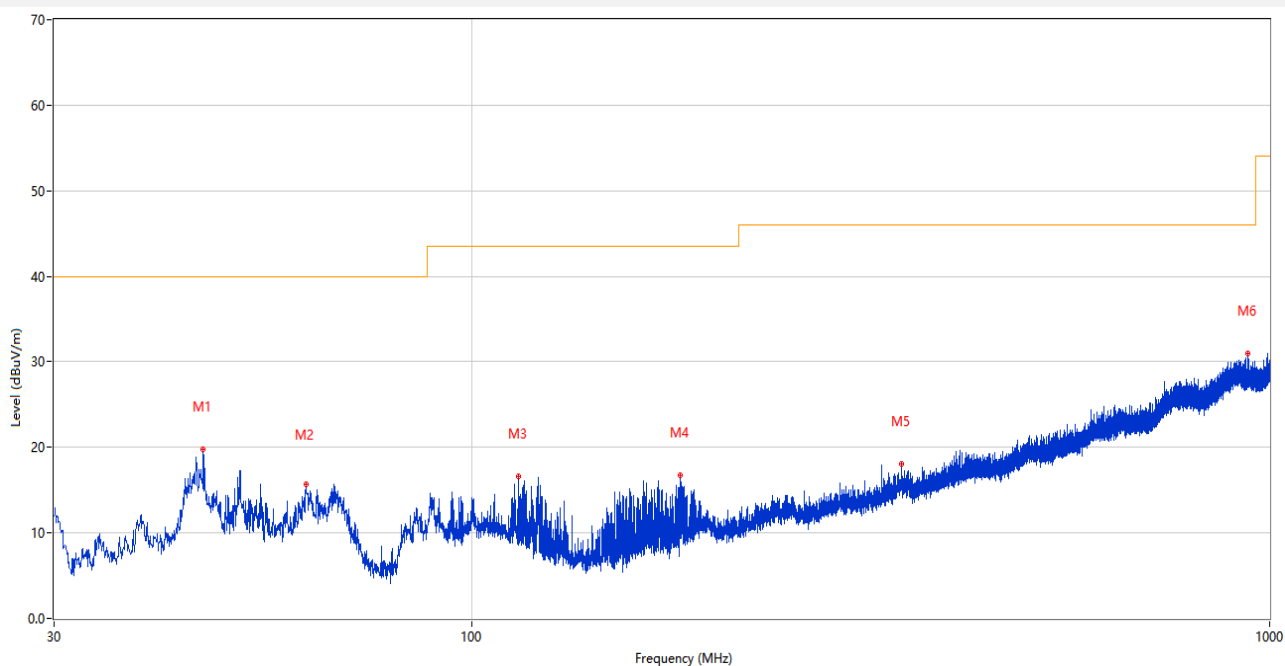
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.243	16.09	-24.26	40.0	23.91	Peak	195.00	200	Horizontal	Pass
2	68.897	15.40	-28.78	40.0	24.60	Peak	331.00	100	Horizontal	Pass
3	89.412	14.26	-28.94	43.5	29.24	Peak	37.00	100	Horizontal	Pass
4	127.485	16.16	-29.48	43.5	27.34	Peak	128.00	200	Horizontal	Pass
5	184.521	18.76	-27.35	43.5	24.74	Peak	316.00	100	Horizontal	Pass
6	918.666	30.58	-8.63	46.0	15.42	Peak	105.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

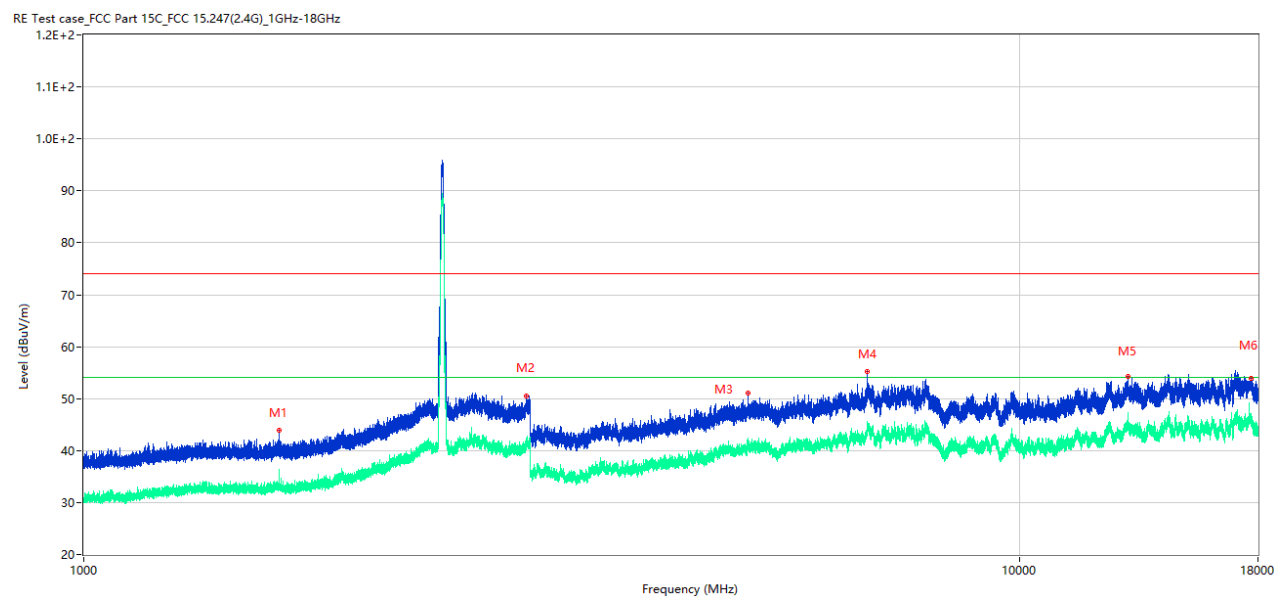


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.151	19.73	-26.50	40.0	20.27	Peak	4.00	100	Vertical	Pass
2	62.059	15.74	-26.72	40.0	24.26	Peak	101.00	200	Vertical	Pass
3	114.632	16.62	-27.32	43.5	26.88	Peak	264.00	100	Vertical	Pass
4	182.436	16.78	-27.68	43.5	26.72	Peak	129.00	100	Vertical	Pass
5	345.686	18.05	-21.43	46.0	27.95	Peak	327.00	200	Vertical	Pass
6	938.987	31.03	-8.75	46.0	14.97	Peak	57.00	200	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note²: 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	1327.830	45.07	74.0	28.93	Peak	3.00	100	Horizontal	Pass
1**	1327.830	39.68	54.0	14.32	AV	3.00	100	Horizontal	Pass
2	2998.254	51.02	74.0	22.98	Peak	317.00	400	Horizontal	Pass
2**	2998.254	42.41	54.0	11.59	AV	317.00	400	Horizontal	Pass
3	4937.296	51.68	74.0	22.32	Peak	197.00	200	Horizontal	Pass
3**	4937.296	42.13	54.0	11.87	AV	197.00	200	Horizontal	Pass
4	6804.862	55.38	74.0	18.62	Peak	240.00	200	Horizontal	Pass
4**	6804.862	44.42	54.0	9.58	AV	240.00	200	Horizontal	Pass
5	13413.855	54.71	74.0	19.29	Peak	87.00	400	Horizontal	Pass
5**	13413.855	47.43	54.0	6.57	AV	87.00	400	Horizontal	Pass
6	17428.813	53.16	74.0	20.84	Peak	37.00	100	Horizontal	Pass
6**	17428.813	49.85	54.0	4.15	AV	37.00	100	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	1328.983	43.06	74.0	30.94	Peak	266.00	400	Vertical	Pass
1**	1328.983	37.12	54.0	16.88	AV	266.00	400	Vertical	Pass
2	2983.215	47.59	74.0	26.41	Peak	245.00	400	Vertical	Pass
2**	2983.215	40.24	54.0	13.76	AV	245.00	400	Vertical	Pass
3	4850.335	52.41	74.0	21.59	Peak	358.00	200	Vertical	Pass
3**	4850.335	38.45	54.0	15.55	AV	358.00	200	Vertical	Pass
4	6610.923	52.18	74.0	21.82	Peak	171.00	200	Vertical	Pass
4**	6610.923	47.53	54.0	6.47	AV	171.00	200	Vertical	Pass
5	13437.719	56.31	74.0	17.69	Peak	345.00	400	Vertical	Pass
5**	13437.719	48.62	54.0	5.38	AV	345.00	400	Vertical	Pass
6	17420.796	56.53	74.0	17.47	Peak	148.00	300	Vertical	Pass
6**	17420.796	45.04	54.0	8.96	AV	148.00	300	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	1332.559	45.42	74.0	28.58	Peak	295.00	300	Horizontal	Pass
1**	1332.559	34.71	54.0	19.29	AV	295.00	300	Horizontal	Pass
2	2997.683	52.89	74.0	21.11	Peak	332.00	400	Horizontal	Pass
2**	2997.683	39.35	54.0	14.65	AV	332.00	400	Horizontal	Pass
3	4933.280	50.54	74.0	23.46	Peak	129.00	200	Horizontal	Pass
3**	4933.280	44.60	54.0	9.40	AV	129.00	200	Horizontal	Pass
4	6803.276	56.66	74.0	17.34	Peak	0.00	200	Horizontal	Pass
4**	6803.276	46.75	54.0	7.25	AV	0.00	200	Horizontal	Pass
5	13413.921	55.06	74.0	18.94	Peak	110.00	400	Horizontal	Pass
5**	13413.921	47.49	54.0	6.51	AV	110.00	400	Horizontal	Pass
6	17429.214	53.97	74.0	20.03	Peak	41.00	300	Horizontal	Pass
6**	17429.214	44.75	54.0	9.25	AV	41.00	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	1330.716	45.30	74.0	28.70	Peak	138.00	200	Vertical	Pass
1**	1330.716	36.79	54.0	17.21	AV	138.00	200	Vertical	Pass
2	2979.056	52.22	74.0	21.78	Peak	48.00	300	Vertical	Pass
2**	2979.056	40.92	54.0	13.08	AV	48.00	300	Vertical	Pass
3	4857.590	50.37	74.0	23.63	Peak	69.00	200	Vertical	Pass
3**	4857.590	43.13	54.0	10.87	AV	69.00	200	Vertical	Pass
4	6607.917	53.55	74.0	20.45	Peak	80.00	200	Vertical	Pass
4**	6607.917	45.77	54.0	8.23	AV	80.00	200	Vertical	Pass
5	13435.338	53.60	74.0	20.40	Peak	160.00	200	Vertical	Pass
5**	13435.338	47.15	54.0	6.85	AV	160.00	200	Vertical	Pass
6	17415.029	56.73	74.0	17.27	Peak	338.00	300	Vertical	Pass
6**	17415.029	47.85	54.0	6.15	AV	338.00	300	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	1330.904	45.01	74.0	28.99	Peak	74.00	400	Horizontal	Pass
1**	1330.904	35.97	54.0	18.03	AV	74.00	400	Horizontal	Pass
2	2994.204	52.18	74.0	21.82	Peak	59.00	100	Horizontal	Pass
2**	2994.204	39.33	54.0	14.67	AV	59.00	100	Horizontal	Pass
3	4933.551	54.61	74.0	19.39	Peak	35.00	200	Horizontal	Pass
3**	4933.551	40.27	54.0	13.73	AV	35.00	200	Horizontal	Pass
4	6808.051	54.77	74.0	19.23	Peak	96.00	100	Horizontal	Pass
4**	6808.051	46.48	54.0	7.52	AV	96.00	100	Horizontal	Pass
5	13409.617	54.75	74.0	19.25	Peak	331.00	300	Horizontal	Pass
5**	13409.617	46.38	54.0	7.62	AV	331.00	300	Horizontal	Pass
6	17424.109	58.88	74.0	15.12	Peak	77.00	300	Horizontal	Pass
6**	17424.109	47.74	54.0	6.26	AV	77.00	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	1330.599	44.58	74.0	29.42	Peak	104.00	100	Vertical	Pass
1**	1330.599	39.23	54.0	14.77	AV	104.00	100	Vertical	Pass
2	2981.408	47.64	74.0	26.36	Peak	109.00	200	Vertical	Pass
2**	2981.408	42.41	54.0	11.59	AV	109.00	200	Vertical	Pass
3	4853.060	46.83	74.0	27.17	Peak	109.00	200	Vertical	Pass
3**	4853.060	43.03	54.0	10.97	AV	109.00	200	Vertical	Pass
4	6606.726	56.34	74.0	17.66	Peak	26.00	200	Vertical	Pass
4**	6606.726	45.94	54.0	8.06	AV	26.00	200	Vertical	Pass
5	13432.245	57.15	74.0	16.85	Peak	242.00	400	Vertical	Pass
5**	13432.245	48.96	54.0	5.04	AV	242.00	400	Vertical	Pass
6	17414.360	55.67	74.0	18.33	Peak	183.00	400	Vertical	Pass
6**	17414.360	45.66	54.0	8.34	AV	183.00	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	1332.478	44.26	74.0	29.74	Peak	88.00	300	Horizontal	Pass
1**	1332.478	37.11	54.0	16.89	AV	88.00	300	Horizontal	Pass
2	2994.709	49.69	74.0	24.31	Peak	102.00	400	Horizontal	Pass
2**	2994.709	43.85	54.0	10.15	AV	102.00	400	Horizontal	Pass
3	4936.779	50.63	74.0	23.37	Peak	160.00	200	Horizontal	Pass
3**	4936.779	44.12	54.0	9.88	AV	160.00	200	Horizontal	Pass
4	6808.649	52.84	74.0	21.16	Peak	292.00	100	Horizontal	Pass
4**	6808.649	44.42	54.0	9.58	AV	292.00	100	Horizontal	Pass
5	13415.040	58.33	74.0	15.67	Peak	306.00	300	Horizontal	Pass
5**	13415.040	45.21	54.0	8.79	AV	306.00	300	Horizontal	Pass
6	17427.572	58.18	74.0	15.82	Peak	360.00	100	Horizontal	Pass
6**	17427.572	46.49	54.0	7.51	AV	360.00	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	1332.507	47.90	74.0	26.10	Peak	291.00	200	Vertical	Pass
1**	1332.507	36.01	54.0	17.99	AV	291.00	200	Vertical	Pass
2	2982.586	49.15	74.0	24.85	Peak	36.00	200	Vertical	Pass
2**	2982.586	44.00	54.0	10.00	AV	36.00	200	Vertical	Pass
3	4854.073	49.69	74.0	24.31	Peak	222.00	200	Vertical	Pass
3**	4854.073	40.88	54.0	13.12	AV	222.00	200	Vertical	Pass
4	6605.024	54.98	74.0	19.02	Peak	110.00	100	Vertical	Pass
4**	6605.024	43.35	54.0	10.65	AV	110.00	100	Vertical	Pass
5	13435.501	57.40	74.0	16.60	Peak	149.00	100	Vertical	Pass
5**	13435.501	44.98	54.0	9.02	AV	149.00	100	Vertical	Pass
6	17415.179	54.68	74.0	19.32	Peak	197.00	400	Vertical	Pass
6**	17415.179	46.06	54.0	7.94	AV	197.00	400	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	1328.893	46.05	74.0	27.95	Peak	155.00	400	Horizontal	Pass
1**	1328.893	37.10	54.0	16.90	AV	155.00	400	Horizontal	Pass
2	3000.470	53.21	74.0	20.79	Peak	114.00	400	Horizontal	Pass
2**	3000.470	42.85	54.0	11.15	AV	114.00	400	Horizontal	Pass
3	4935.343	53.79	74.0	20.21	Peak	1.00	200	Horizontal	Pass
3**	4935.343	40.68	54.0	13.32	AV	1.00	200	Horizontal	Pass
4	6803.057	51.55	74.0	22.45	Peak	211.00	100	Horizontal	Pass
4**	6803.057	44.50	54.0	9.50	AV	211.00	100	Horizontal	Pass
5	13409.959	56.00	74.0	18.00	Peak	46.00	100	Horizontal	Pass
5**	13409.959	47.34	54.0	6.66	AV	46.00	100	Horizontal	Pass
6	17426.754	57.65	74.0	16.35	Peak	182.00	200	Horizontal	Pass
6**	17426.754	45.52	54.0	8.48	AV	182.00	200	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	1335.160	43.65	74.0	30.35	Peak	28.00	100	Vertical	Pass
1**	1335.160	35.85	54.0	18.15	AV	28.00	100	Vertical	Pass
2	2978.561	50.83	74.0	23.17	Peak	127.00	300	Vertical	Pass
2**	2978.561	40.82	54.0	13.18	AV	127.00	300	Vertical	Pass
3	4851.127	49.15	74.0	24.85	Peak	360.00	200	Vertical	Pass
3**	4851.127	41.00	54.0	13.00	AV	360.00	200	Vertical	Pass
4	6603.786	51.30	74.0	22.70	Peak	59.00	200	Vertical	Pass
4**	6603.786	43.91	54.0	10.09	AV	59.00	200	Vertical	Pass
5	13437.481	55.10	74.0	18.90	Peak	194.00	200	Vertical	Pass
5**	13437.481	48.56	54.0	5.44	AV	194.00	200	Vertical	Pass
6	17415.010	57.98	74.0	16.02	Peak	106.00	200	Vertical	Pass
6**	17415.010	46.58	54.0	7.42	AV	106.00	200	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	1332.876	44.05	74.0	29.95	Peak	204.00	100	Horizontal	Pass
1**	1332.876	33.87	54.0	20.13	AV	204.00	100	Horizontal	Pass
2	2993.312	53.11	74.0	20.89	Peak	185.00	300	Horizontal	Pass
2**	2993.312	41.98	54.0	12.02	AV	185.00	300	Horizontal	Pass
3	4931.705	52.90	74.0	21.10	Peak	339.00	200	Horizontal	Pass
3**	4931.705	43.19	54.0	10.81	AV	339.00	200	Horizontal	Pass
4	6808.284	51.56	74.0	22.44	Peak	75.00	400	Horizontal	Pass
4**	6808.284	43.45	54.0	10.55	AV	75.00	400	Horizontal	Pass
5	13412.214	55.97	74.0	18.03	Peak	190.00	400	Horizontal	Pass
5**	13412.214	45.01	54.0	8.99	AV	190.00	400	Horizontal	Pass
6	17422.294	53.32	74.0	20.68	Peak	42.00	200	Horizontal	Pass
6**	17422.294	48.83	54.0	5.17	AV	42.00	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	1329.090	47.57	74.0	26.43	Peak	357.00	300	Vertical	Pass
1**	1329.090	38.74	54.0	15.26	AV	357.00	300	Vertical	Pass
2	2985.206	52.16	74.0	21.84	Peak	110.00	200	Vertical	Pass
2**	2985.206	42.23	54.0	11.77	AV	110.00	200	Vertical	Pass
3	4854.455	51.03	74.0	22.97	Peak	280.00	200	Vertical	Pass
3**	4854.455	39.60	54.0	14.40	AV	280.00	200	Vertical	Pass
4	6606.522	53.79	74.0	20.21	Peak	220.00	100	Vertical	Pass
4**	6606.522	47.10	54.0	6.90	AV	220.00	100	Vertical	Pass
5	13436.775	54.58	74.0	19.42	Peak	335.00	200	Vertical	Pass
5**	13436.775	44.94	54.0	9.06	AV	335.00	200	Vertical	Pass
6	17414.108	56.70	74.0	17.30	Peak	56.00	400	Vertical	Pass
6**	17414.108	46.09	54.0	7.91	AV	56.00	400	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	1333.499	45.53	74.0	28.47	Peak	241.00	300	Horizontal	Pass
1**	1333.499	34.06	54.0	19.94	AV	241.00	300	Horizontal	Pass
2	2992.960	49.58	74.0	24.42	Peak	103.00	400	Horizontal	Pass
2**	2992.960	44.01	54.0	9.99	AV	103.00	400	Horizontal	Pass
3	4930.513	50.84	74.0	23.16	Peak	40.00	200	Horizontal	Pass
3**	4930.513	40.84	54.0	13.16	AV	40.00	200	Horizontal	Pass
4	6805.722	53.03	74.0	20.97	Peak	167.00	100	Horizontal	Pass
4**	6805.722	42.37	54.0	11.63	AV	167.00	100	Horizontal	Pass
5	13411.425	57.55	74.0	16.45	Peak	112.00	300	Horizontal	Pass
5**	13411.425	43.70	54.0	10.30	AV	112.00	300	Horizontal	Pass
6	17422.317	57.24	74.0	16.76	Peak	9.00	300	Horizontal	Pass
6**	17422.317	46.27	54.0	7.73	AV	9.00	300	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	1336.621	42.68	74.0	31.32	Peak	182.00	200	Vertical	Pass
1**	1336.621	36.23	54.0	17.77	AV	182.00	200	Vertical	Pass
2	2984.744	52.09	74.0	21.91	Peak	285.00	400	Vertical	Pass
2**	2984.744	40.78	54.0	13.22	AV	285.00	400	Vertical	Pass
3	4853.227	49.62	74.0	24.38	Peak	173.00	200	Vertical	Pass
3**	4853.227	39.92	54.0	14.08	AV	173.00	200	Vertical	Pass
4	6604.422	54.91	74.0	19.09	Peak	32.00	100	Vertical	Pass
4**	6604.422	45.00	54.0	9.00	AV	32.00	100	Vertical	Pass
5	13432.821	53.21	74.0	20.79	Peak	212.00	100	Vertical	Pass
5**	13432.821	47.17	54.0	6.83	AV	212.00	100	Vertical	Pass
6	17420.694	57.75	74.0	16.25	Peak	283.00	400	Vertical	Pass
6**	17420.694	50.26	54.0	3.74	AV	283.00	400	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	1333.488	47.12	74.0	26.88	Peak	217.00	100	Horizontal	Pass
1**	1333.488	38.04	54.0	15.96	AV	217.00	100	Horizontal	Pass
2	2997.648	52.95	74.0	21.05	Peak	65.00	400	Horizontal	Pass
2**	2997.648	38.70	54.0	15.30	AV	65.00	400	Horizontal	Pass
3	4931.140	49.90	74.0	24.10	Peak	138.00	200	Horizontal	Pass
3**	4931.140	44.15	54.0	9.85	AV	138.00	200	Horizontal	Pass
4	6806.690	52.87	74.0	21.13	Peak	55.00	100	Horizontal	Pass
4**	6806.690	42.18	54.0	11.82	AV	55.00	100	Horizontal	Pass
5	13408.132	57.45	74.0	16.55	Peak	137.00	300	Horizontal	Pass
5**	13408.132	47.57	54.0	6.43	AV	137.00	300	Horizontal	Pass
6	17426.189	55.03	74.0	18.97	Peak	125.00	300	Horizontal	Pass
6**	17426.189	49.89	54.0	4.11	AV	125.00	300	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	1331.217	46.44	74.0	27.56	Peak	337.00	200	Vertical	Pass
1**	1331.217	39.25	54.0	14.75	AV	337.00	200	Vertical	Pass
2	2984.824	50.80	74.0	23.20	Peak	138.00	400	Vertical	Pass
2**	2984.824	42.23	54.0	11.77	AV	138.00	400	Vertical	Pass
3	4856.209	51.87	74.0	22.13	Peak	212.00	200	Vertical	Pass
3**	4856.209	41.41	54.0	12.59	AV	212.00	200	Vertical	Pass
4	6607.869	55.54	74.0	18.46	Peak	161.00	200	Vertical	Pass
4**	6607.869	42.08	54.0	11.92	AV	161.00	200	Vertical	Pass
5	13434.620	58.24	74.0	15.76	Peak	131.00	200	Vertical	Pass
5**	13434.620	47.18	54.0	6.82	AV	131.00	200	Vertical	Pass
6	17419.235	58.66	74.0	15.34	Peak	248.00	200	Vertical	Pass
6**	17419.235	46.35	54.0	7.65	AV	248.00	200	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	1331.594	47.52	74.0	26.48	Peak	37.00	300	Horizontal	Pass
1**	1331.594	37.82	54.0	16.18	AV	37.00	300	Horizontal	Pass
2	2997.462	52.44	74.0	21.56	Peak	345.00	200	Horizontal	Pass
2**	2997.462	41.75	54.0	12.25	AV	345.00	200	Horizontal	Pass
3	4935.772	53.77	74.0	20.23	Peak	273.00	200	Horizontal	Pass
3**	4935.772	43.74	54.0	10.26	AV	273.00	200	Horizontal	Pass
4	6809.032	53.22	74.0	20.78	Peak	5.00	400	Horizontal	Pass
4**	6809.032	44.09	54.0	9.91	AV	5.00	400	Horizontal	Pass
5	13412.149	55.38	74.0	18.62	Peak	235.00	200	Horizontal	Pass
5**	13412.149	48.49	54.0	5.51	AV	235.00	200	Horizontal	Pass
6	17423.238	57.23	74.0	16.77	Peak	23.00	400	Horizontal	Pass
6**	17423.238	45.66	54.0	8.34	AV	23.00	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	1330.854	46.17	74.0	27.83	Peak	68.00	400	Vertical	Pass
1**	1330.854	37.64	54.0	16.36	AV	68.00	400	Vertical	Pass
2	2981.645	49.47	74.0	24.53	Peak	41.00	300	Vertical	Pass
2**	2981.645	43.36	54.0	10.64	AV	41.00	300	Vertical	Pass
3	4850.875	49.90	74.0	24.10	Peak	36.00	200	Vertical	Pass
3**	4850.875	37.91	54.0	16.09	AV	36.00	200	Vertical	Pass
4	6609.451	54.71	74.0	19.29	Peak	124.00	100	Vertical	Pass
4**	6609.451	46.27	54.0	7.73	AV	124.00	100	Vertical	Pass
5	13435.802	52.67	74.0	21.33	Peak	317.00	400	Vertical	Pass
5**	13435.802	45.61	54.0	8.39	AV	317.00	400	Vertical	Pass
6	17417.217	57.42	74.0	16.58	Peak	111.00	200	Vertical	Pass
6**	17417.217	46.35	54.0	7.65	AV	111.00	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	1326.166	44.31	74.0	29.69	Peak	191.00	200	Horizontal	Pass
1**	1326.166	35.32	54.0	18.68	AV	191.00	200	Horizontal	Pass
2	2999.259	51.37	74.0	22.63	Peak	237.00	100	Horizontal	Pass
2**	2999.259	41.41	54.0	12.59	AV	237.00	100	Horizontal	Pass
3	4933.800	49.46	74.0	24.54	Peak	295.00	200	Horizontal	Pass
3**	4933.800	39.58	54.0	14.42	AV	295.00	200	Horizontal	Pass
4	6806.866	53.64	74.0	20.36	Peak	108.00	200	Horizontal	Pass
4**	6806.866	46.16	54.0	7.84	AV	108.00	200	Horizontal	Pass
5	13410.840	55.66	74.0	18.34	Peak	146.00	200	Horizontal	Pass
5**	13410.840	48.61	54.0	5.39	AV	146.00	200	Horizontal	Pass
6	17422.691	56.11	74.0	17.89	Peak	90.00	100	Horizontal	Pass
6**	17422.691	48.18	54.0	5.82	AV	90.00	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	1330.940	43.95	74.0	30.05	Peak	300.00	100	Vertical	Pass
1**	1330.940	35.02	54.0	18.98	AV	300.00	100	Vertical	Pass
2	2981.817	48.63	74.0	25.37	Peak	232.00	300	Vertical	Pass
2**	2981.817	40.86	54.0	13.14	AV	232.00	300	Vertical	Pass
3	4852.138	51.64	74.0	22.36	Peak	12.00	200	Vertical	Pass
3**	4852.138	40.53	54.0	13.47	AV	12.00	200	Vertical	Pass
4	6603.702	57.05	74.0	16.95	Peak	335.00	100	Vertical	Pass
4**	6603.702	44.55	54.0	9.45	AV	335.00	100	Vertical	Pass
5	13434.896	55.11	74.0	18.89	Peak	321.00	300	Vertical	Pass
5**	13434.896	43.63	54.0	10.37	AV	321.00	300	Vertical	Pass
6	17417.090	55.15	74.0	18.85	Peak	211.00	400	Vertical	Pass
6**	17417.090	44.67	54.0	9.33	AV	211.00	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	1329.872	46.72	74.0	27.28	Peak	127.00	400	Horizontal	Pass
1**	1329.872	36.79	54.0	17.21	AV	127.00	400	Horizontal	Pass
2	2994.515	52.94	74.0	21.06	Peak	31.00	200	Horizontal	Pass
2**	2994.515	43.44	54.0	10.56	AV	31.00	200	Horizontal	Pass
3	4937.775	52.14	74.0	21.86	Peak	291.00	200	Horizontal	Pass
3**	4937.775	41.48	54.0	12.52	AV	291.00	200	Horizontal	Pass
4	6810.103	56.17	74.0	17.83	Peak	342.00	400	Horizontal	Pass
4**	6810.103	42.85	54.0	11.15	AV	342.00	400	Horizontal	Pass
5	13413.737	58.52	74.0	15.48	Peak	216.00	400	Horizontal	Pass
5**	13413.737	45.11	54.0	8.89	AV	216.00	400	Horizontal	Pass
6	17423.880	54.42	74.0	19.58	Peak	99.00	400	Horizontal	Pass
6**	17423.880	49.15	54.0	4.85	AV	99.00	400	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	1329.831	42.58	74.0	31.42	Peak	74.00	300	Vertical	Pass
1**	1329.831	38.99	54.0	15.01	AV	74.00	300	Vertical	Pass
2	2985.119	49.30	74.0	24.70	Peak	18.00	300	Vertical	Pass
2**	2985.119	44.59	54.0	9.41	AV	18.00	300	Vertical	Pass
3	4857.432	48.54	74.0	25.46	Peak	18.00	200	Vertical	Pass
3**	4857.432	40.15	54.0	13.85	AV	18.00	200	Vertical	Pass
4	6605.627	55.03	74.0	18.97	Peak	156.00	400	Vertical	Pass
4**	6605.627	45.60	54.0	8.40	AV	156.00	400	Vertical	Pass
5	13435.511	52.78	74.0	21.22	Peak	36.00	300	Vertical	Pass
5**	13435.511	44.78	54.0	9.22	AV	36.00	300	Vertical	Pass
6	17417.176	59.61	74.0	14.39	Peak	57.00	300	Vertical	Pass
6**	17417.176	45.69	54.0	8.31	AV	57.00	300	Vertical	Pass