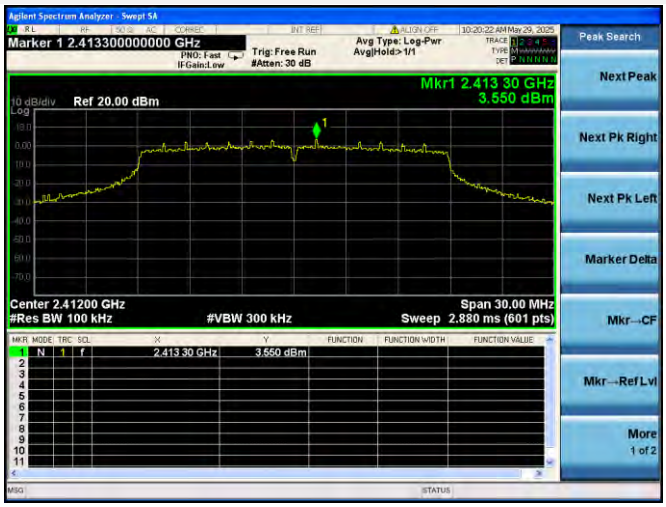
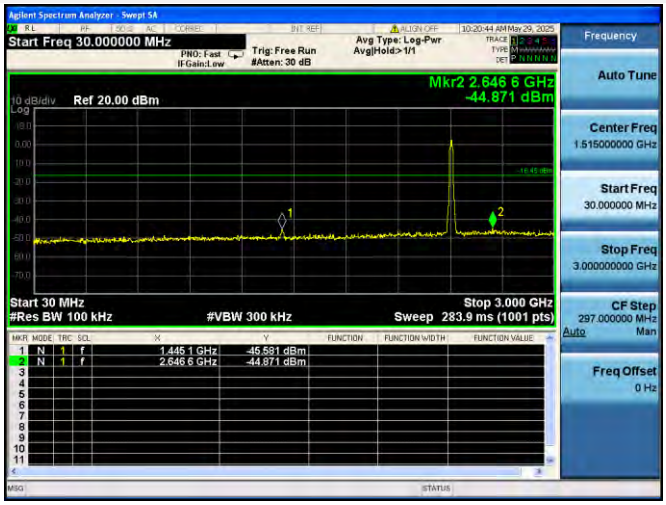
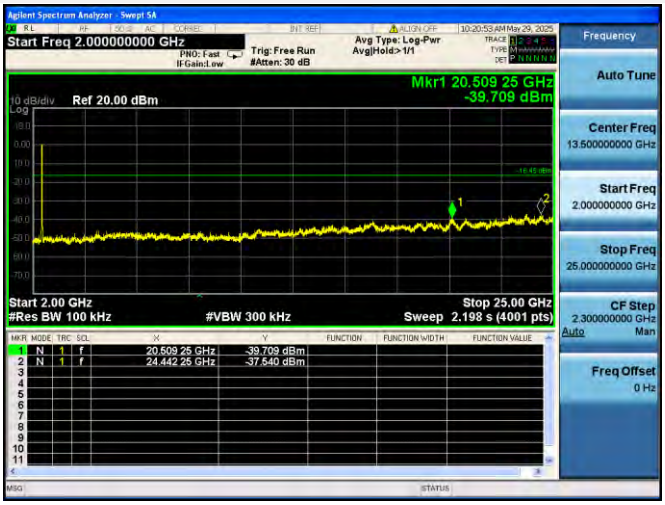
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL



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

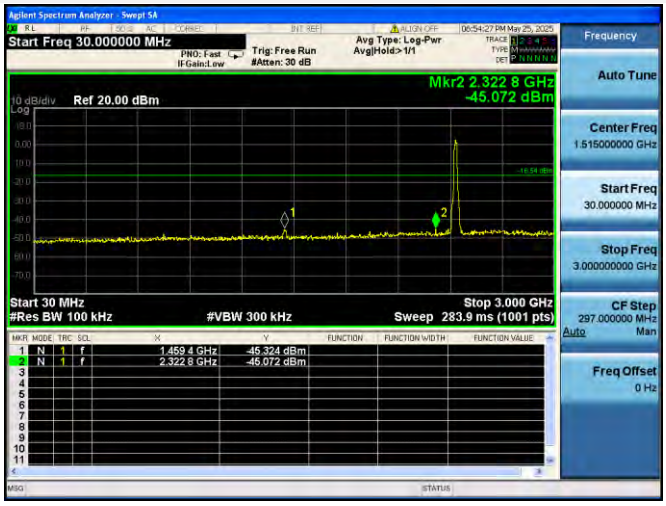


802.11n-20 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

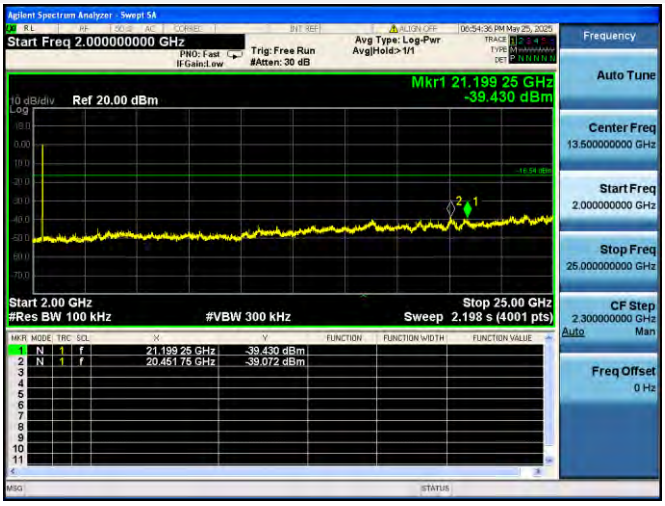


802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL

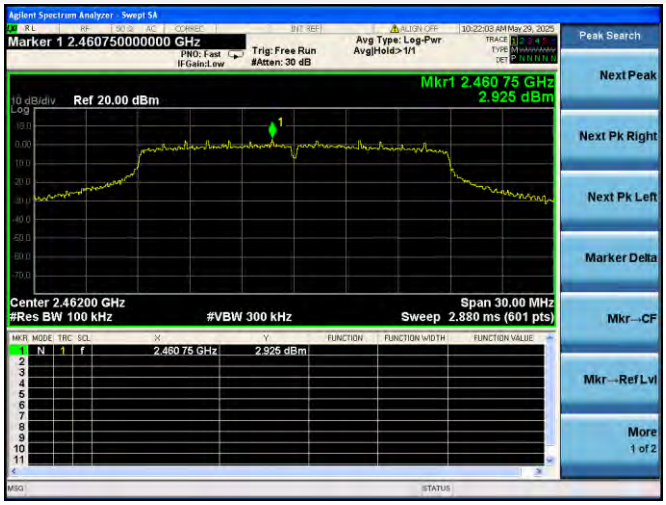
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



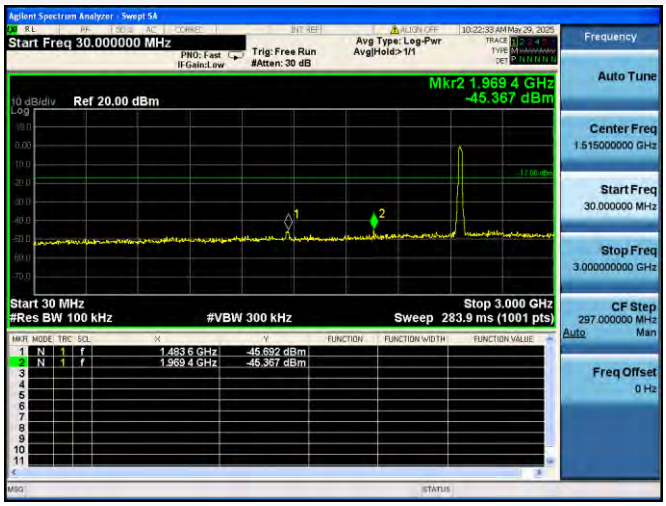
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



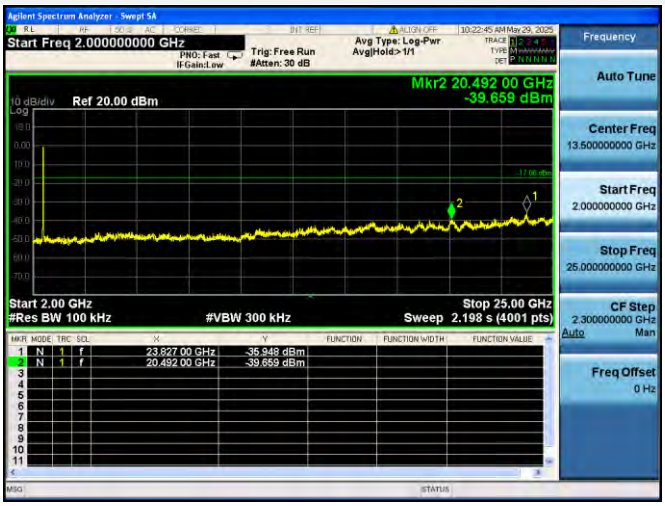
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



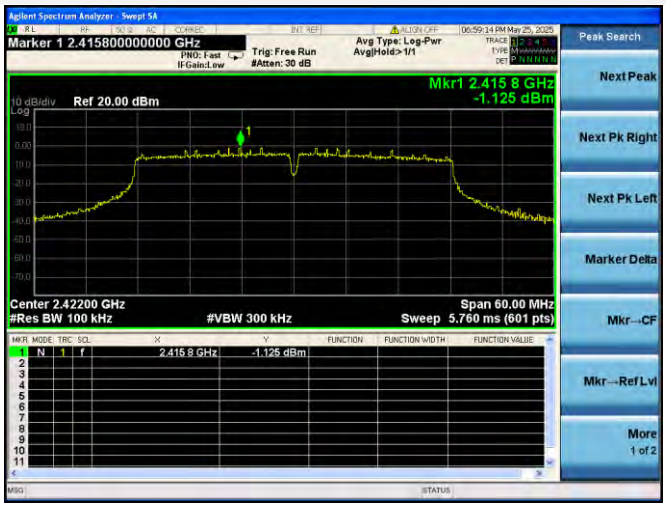
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



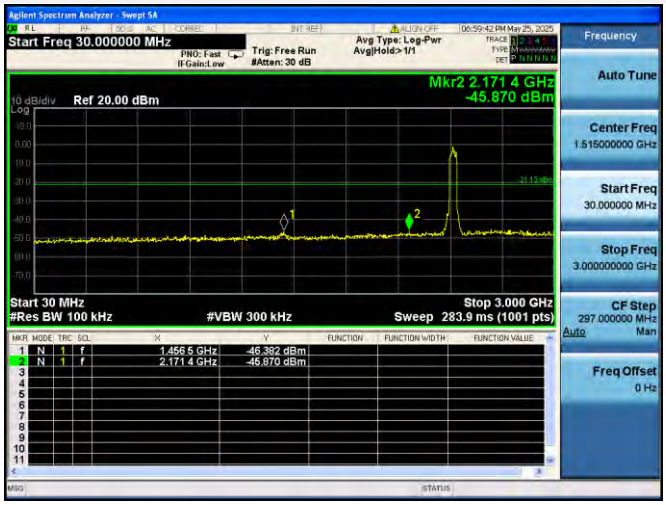
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



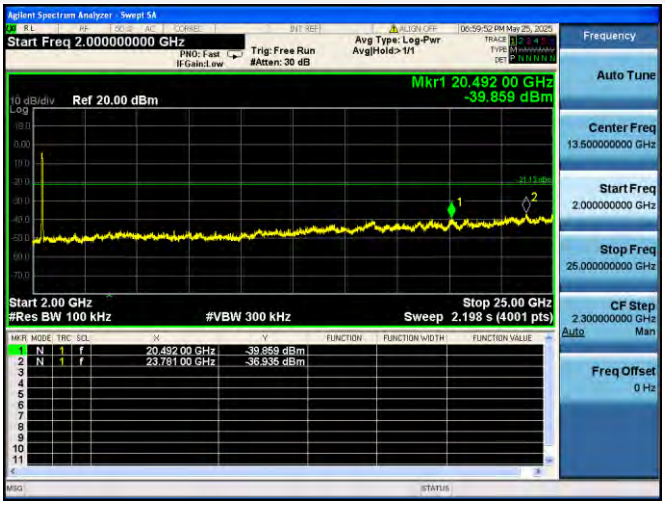
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



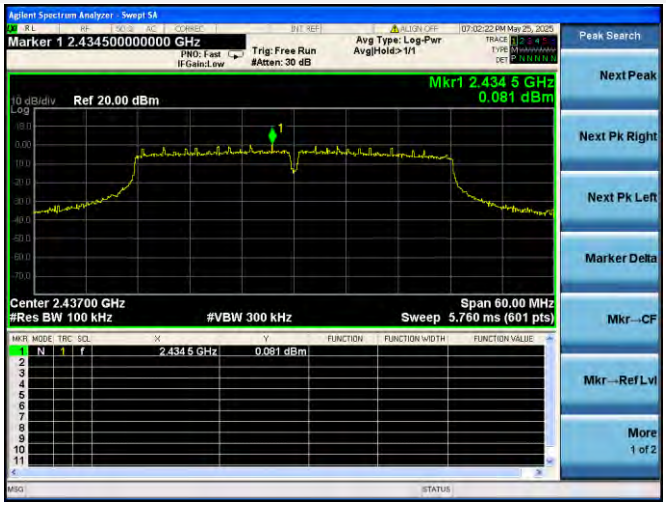
802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



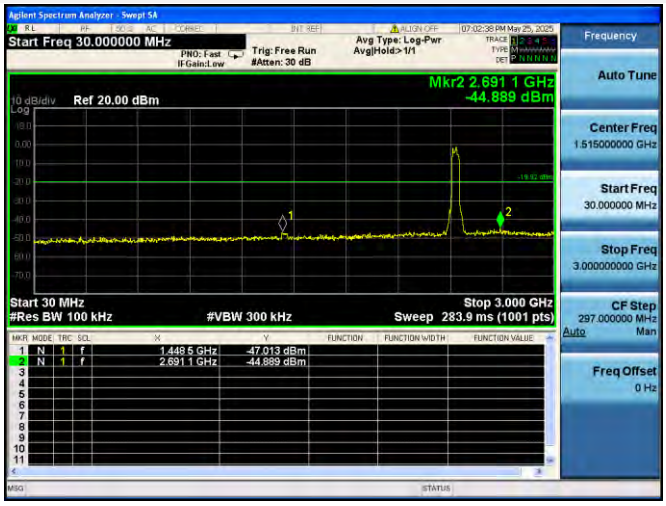
802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



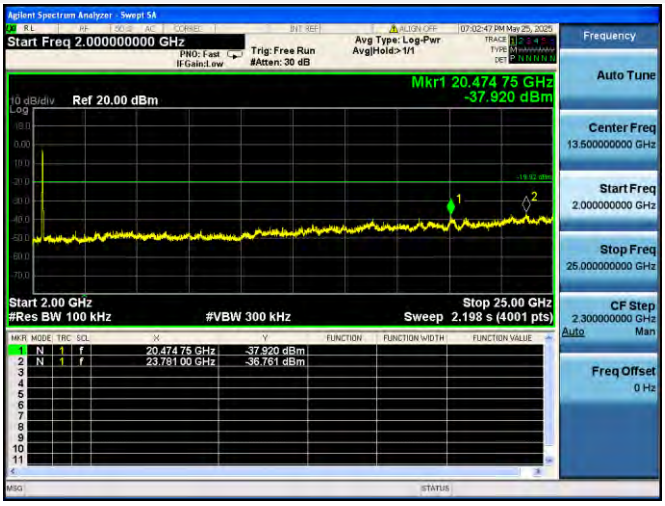
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



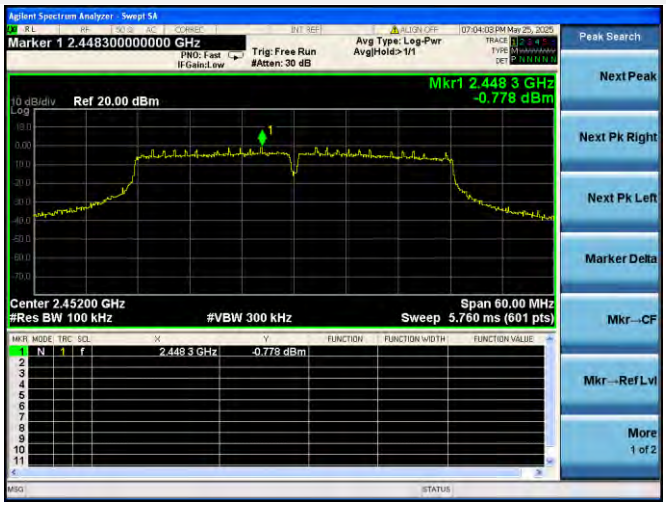
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



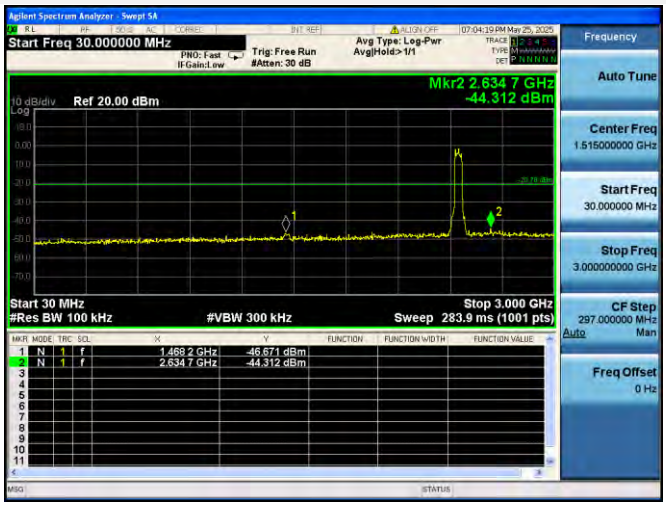
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



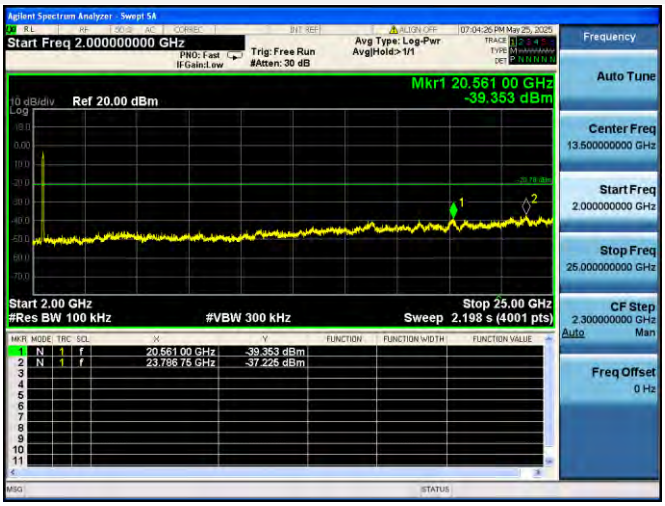
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



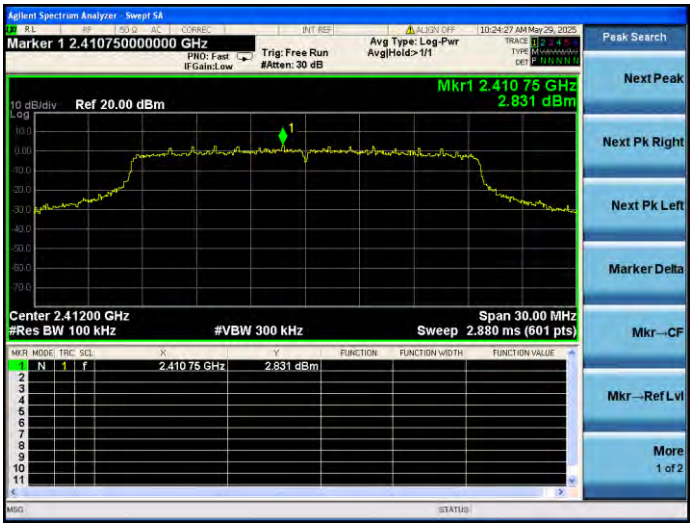
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



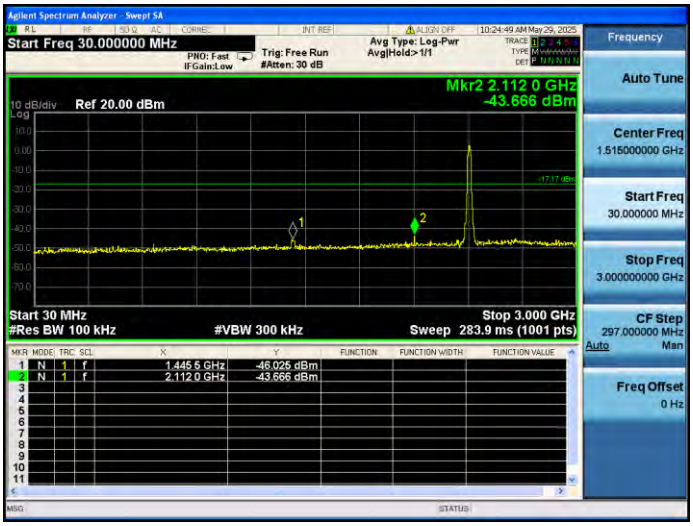
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



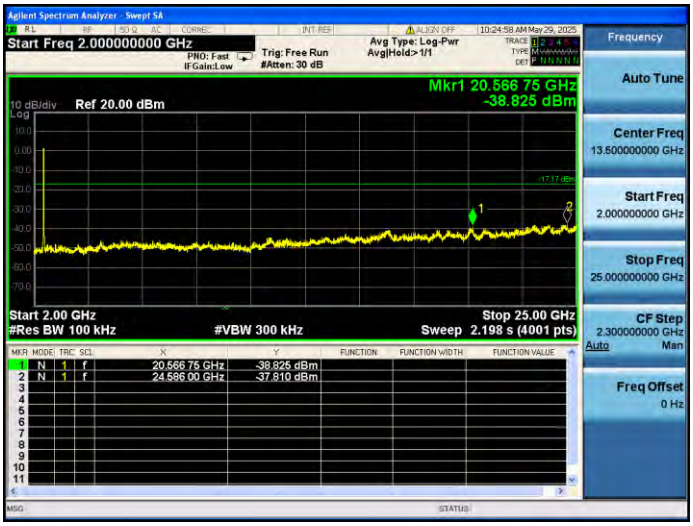
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



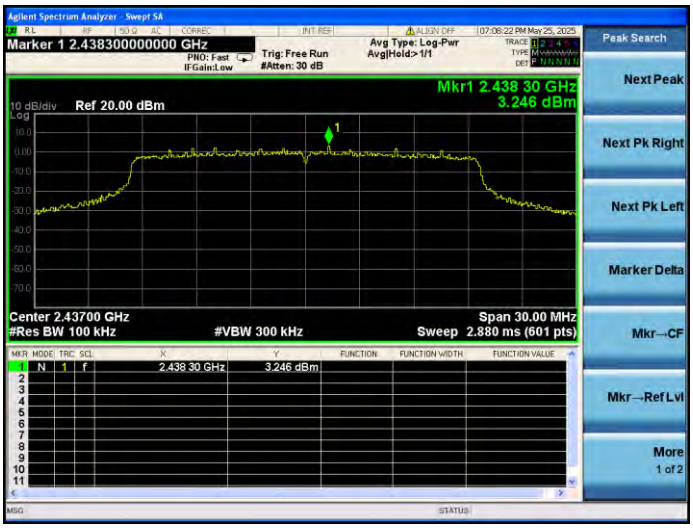
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



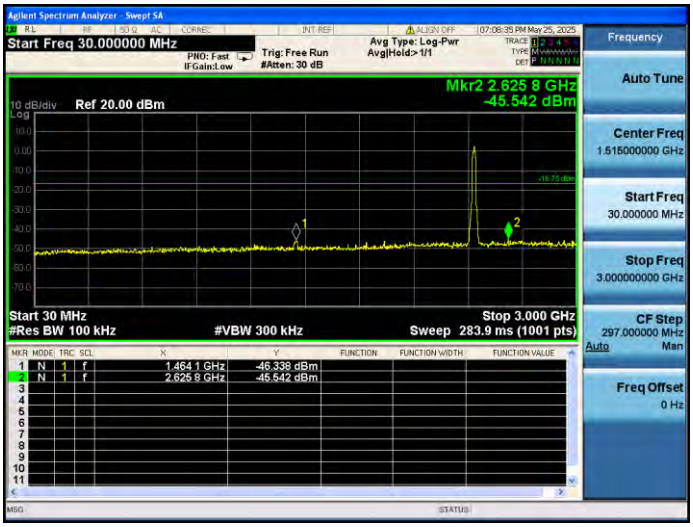
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



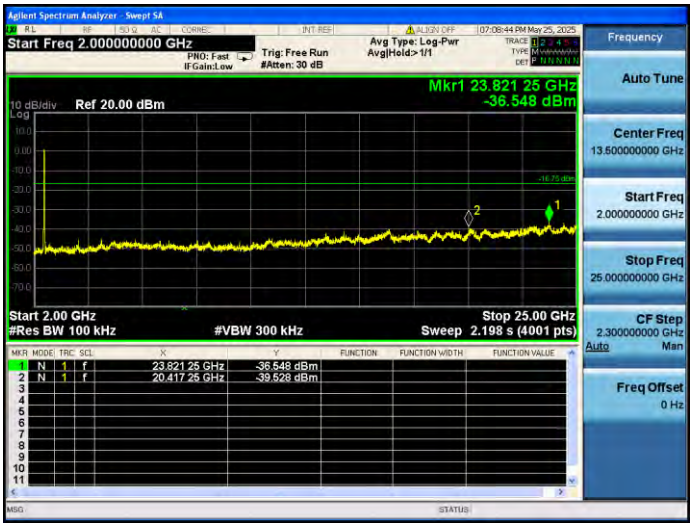
802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



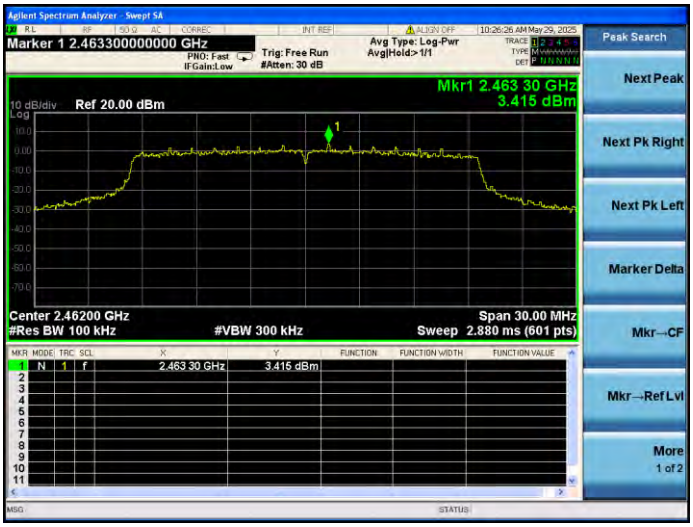
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



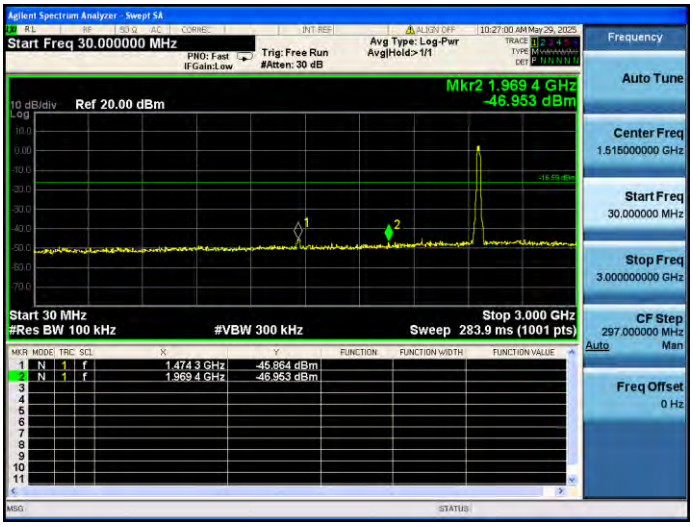
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



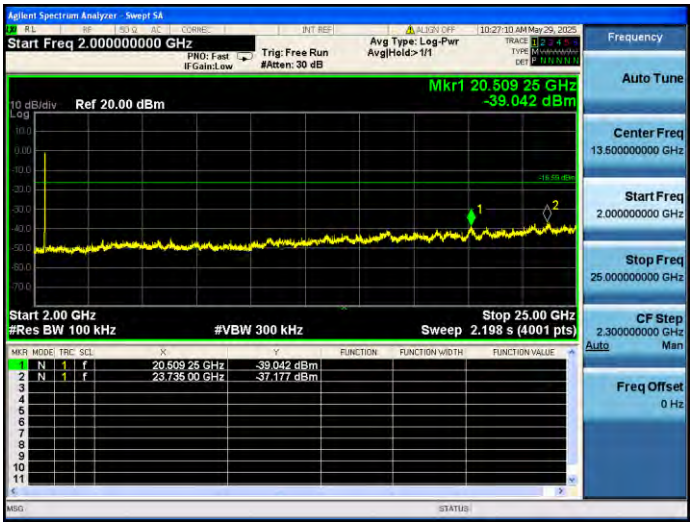
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



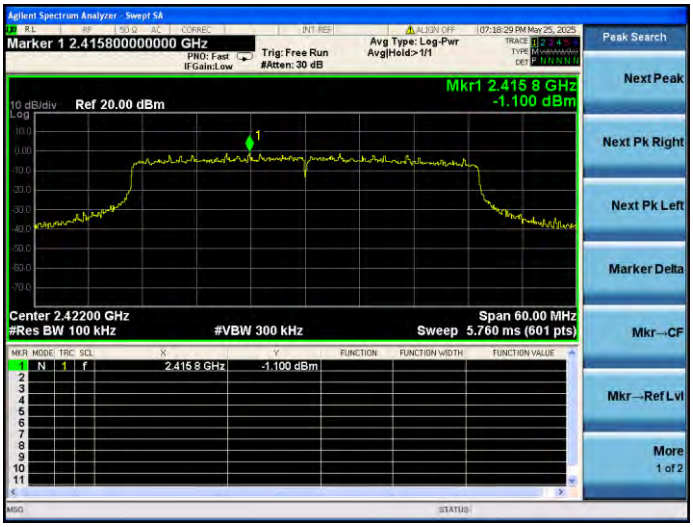
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



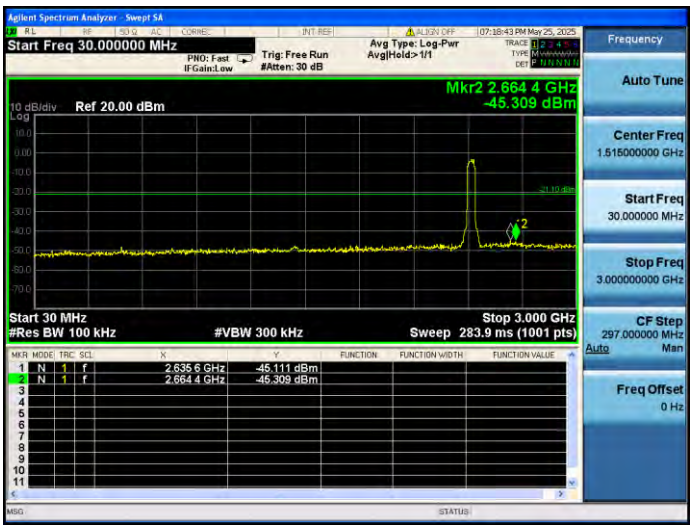
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



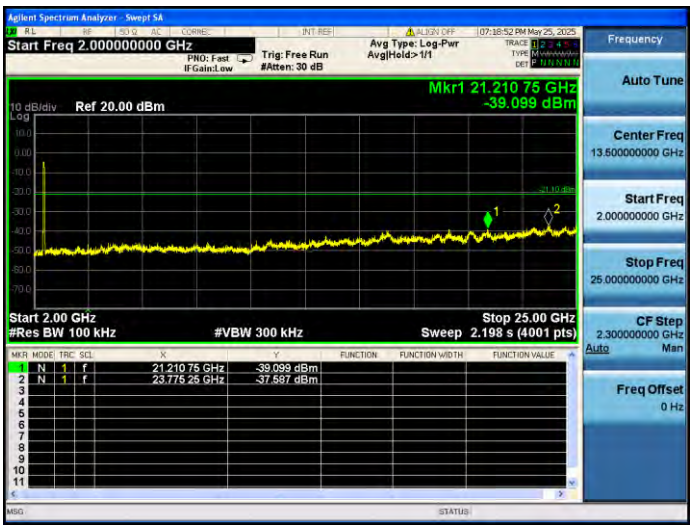
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



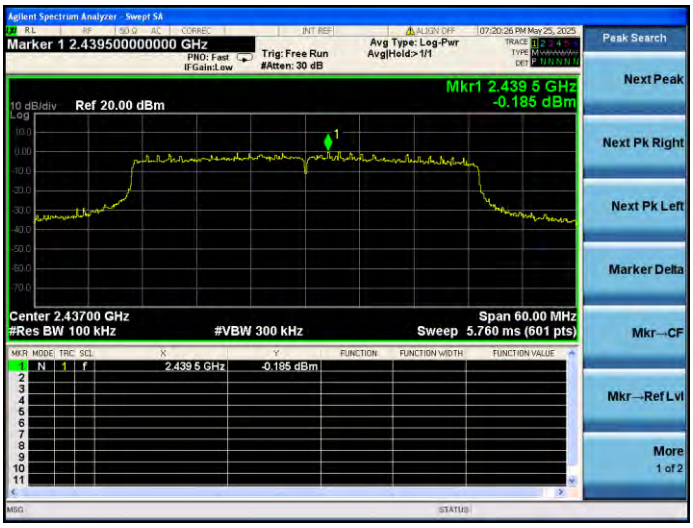
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



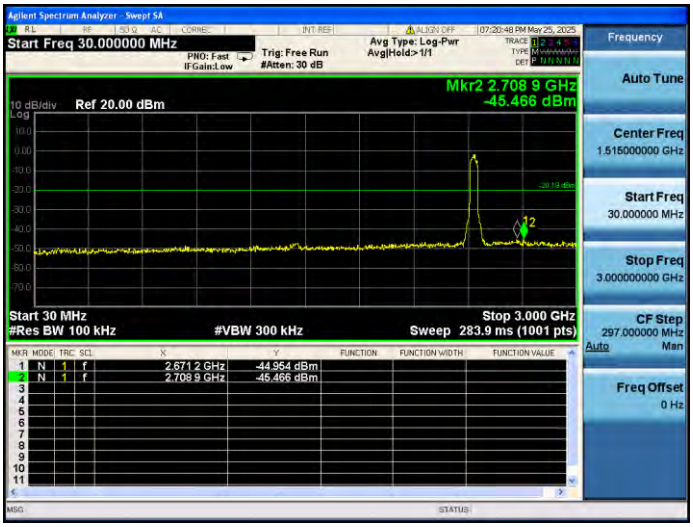
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



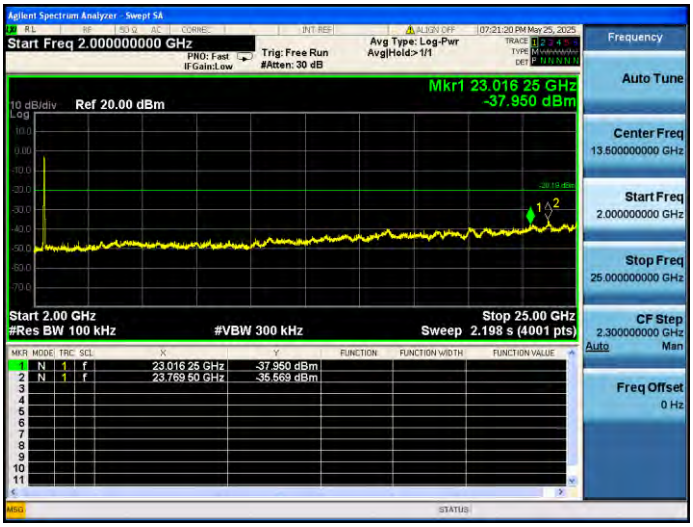
802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



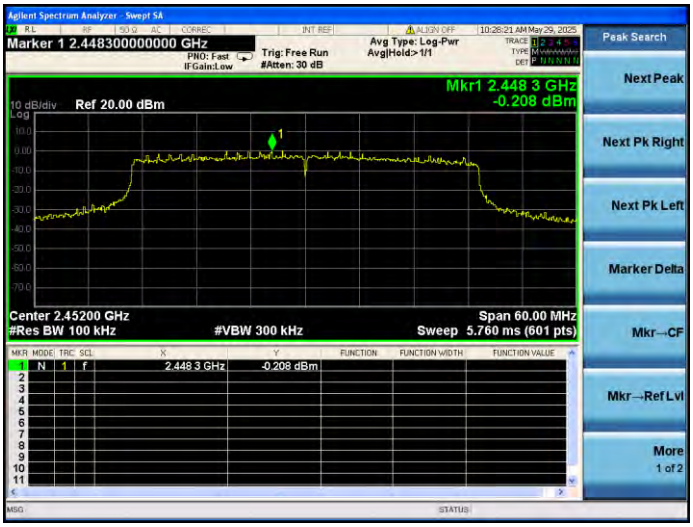
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



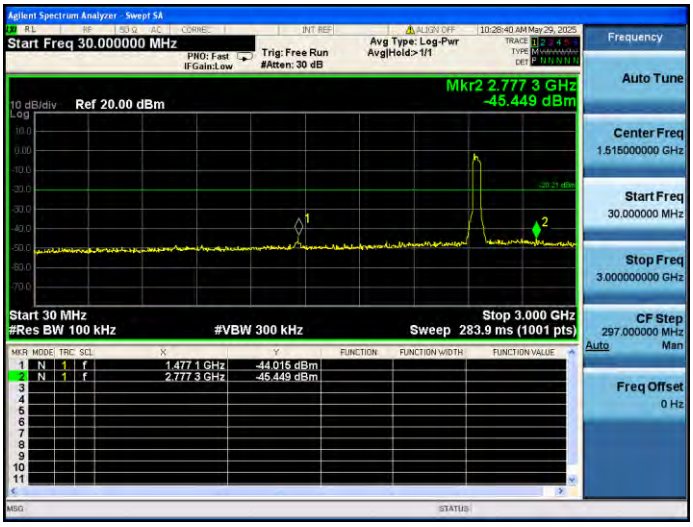
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



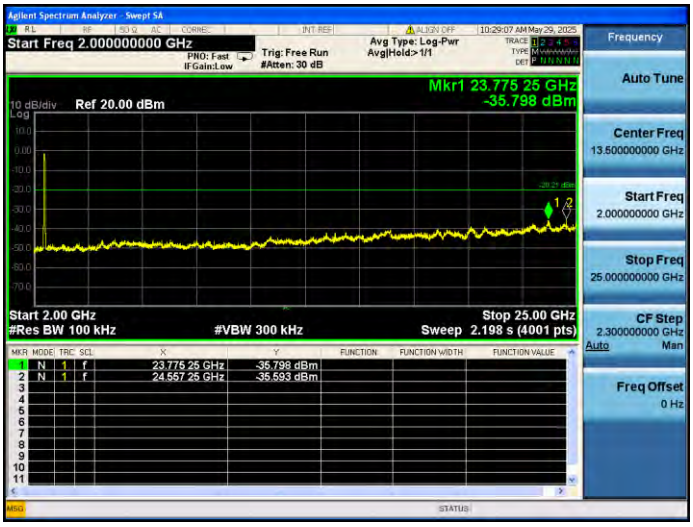
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 MHz(SU) 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.

Replaceable Antenna Model 1: AF1013-T30A537

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.26	3.80	-16.20	Pass
High Channel	-47.77	5.84	-14.16	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.80	3.63	-16.37	Pass
High Channel	-40.74	2.98	-17.02	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.42	3.55	-16.45	Pass
High Channel	-38.49	2.93	-17.08	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.95	-1.13	-21.13	Pass
High Channel	-37.87	-0.78	-20.78	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.20	2.83	-17.17	Pass
High Channel	-37.14	3.42	-16.59	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.21	-1.10	-21.10	Pass
High Channel	-34.01	-0.21	-20.21	Pass

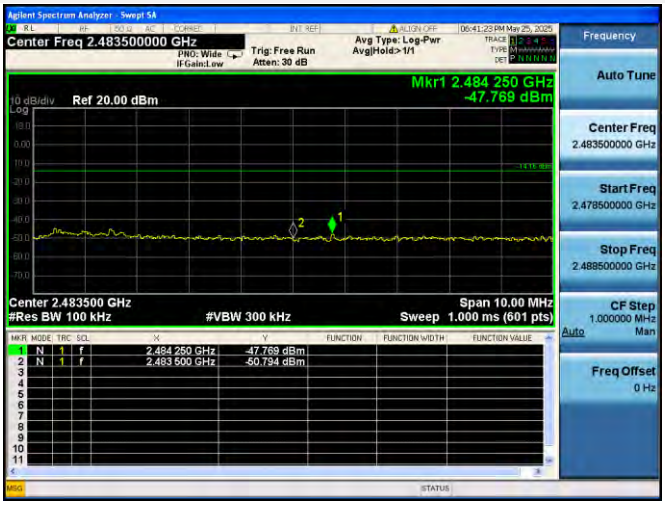
Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE

802.11b HIGH CHANNEL, CARRIER LEVEL

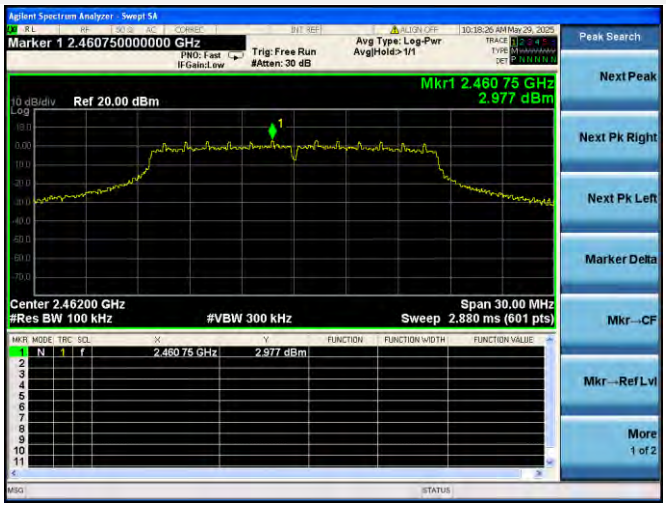
802.11b HIGH CHANNEL, BAND EDGE



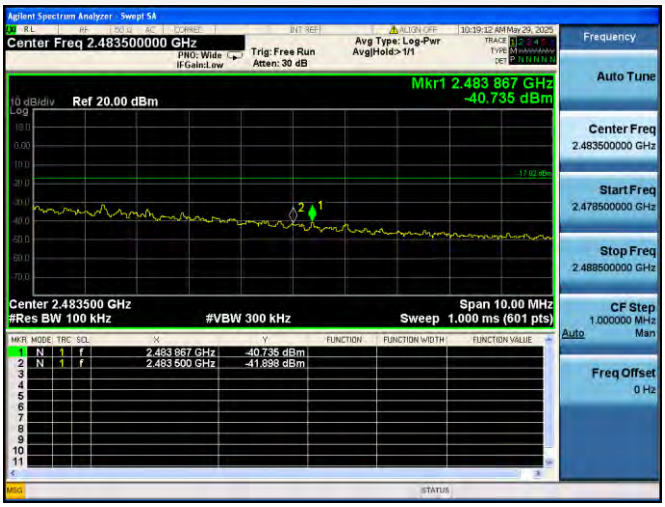
802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, BAND EDGE

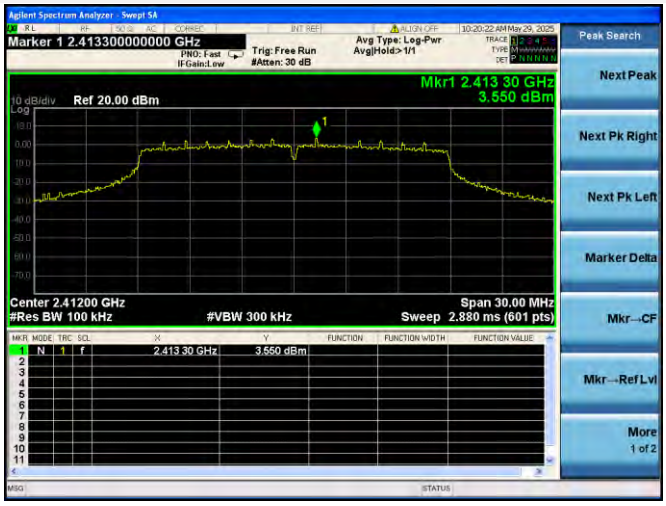
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE

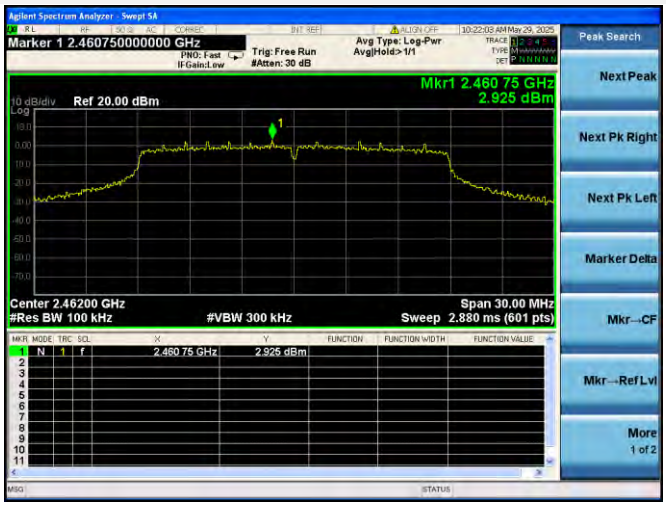


802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

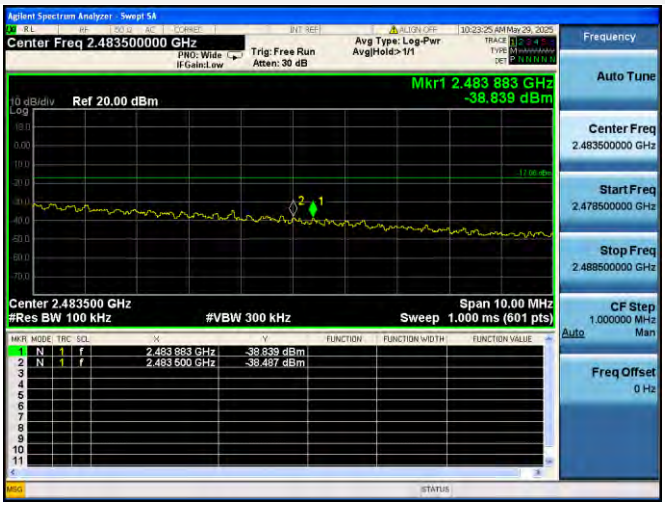


802.11n-20 MHz LOW CHANNEL, BAND EDGE

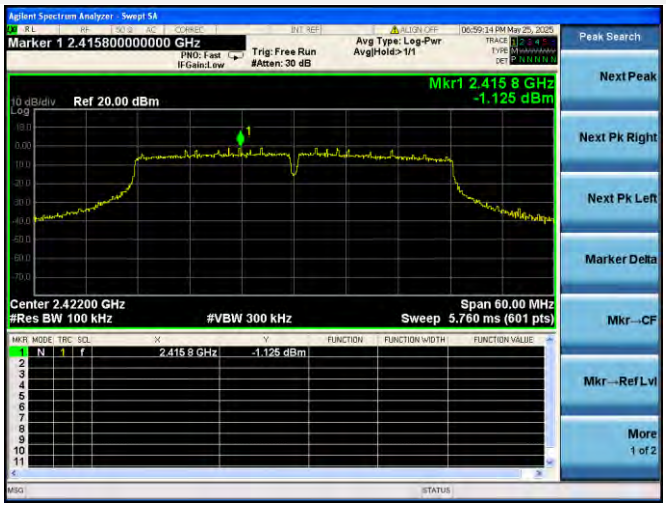
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE

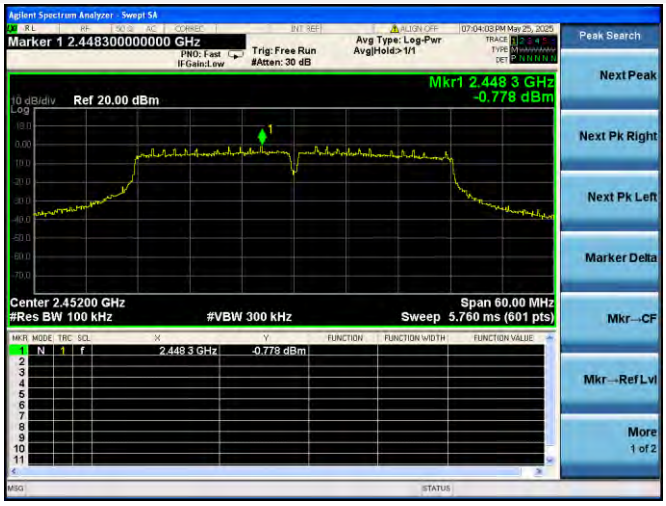


802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

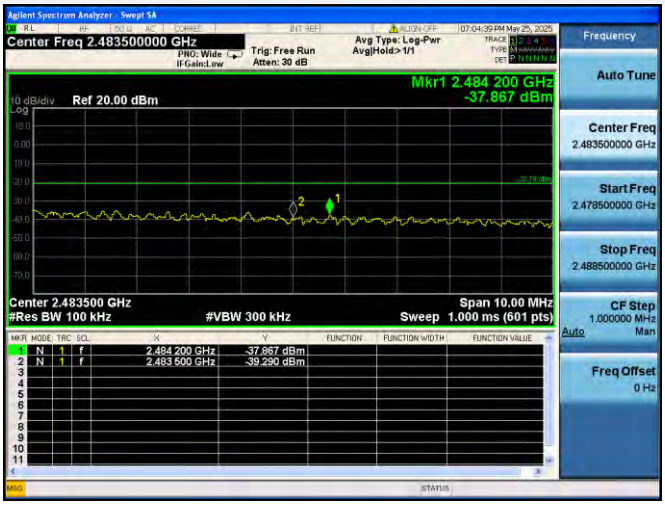


802.11n-40 MHz LOW CHANNEL, BAND EDGE

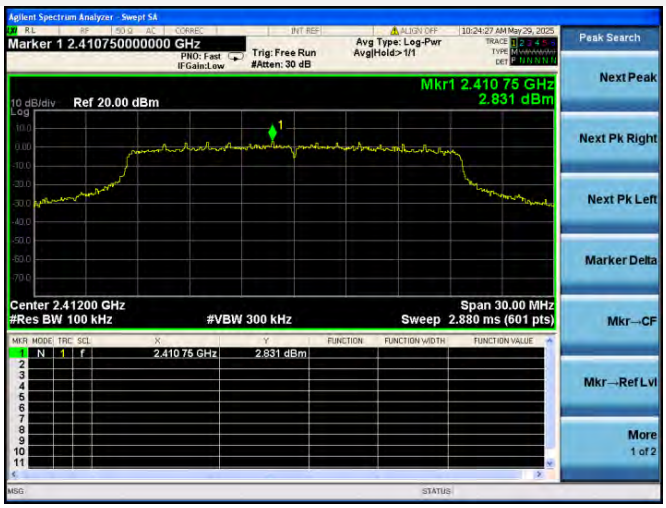
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

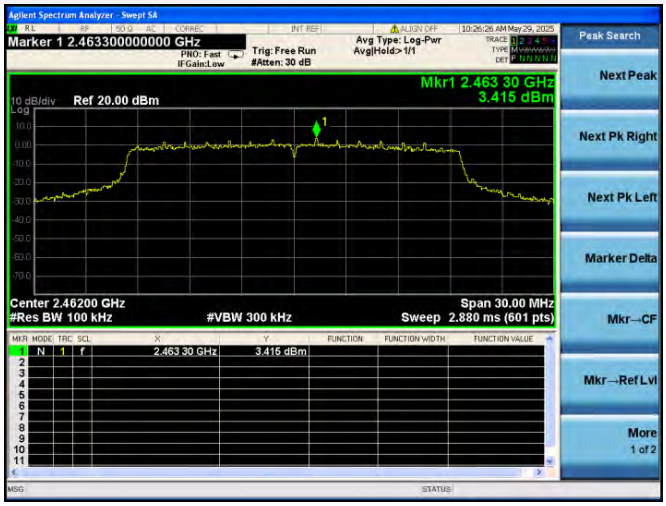


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

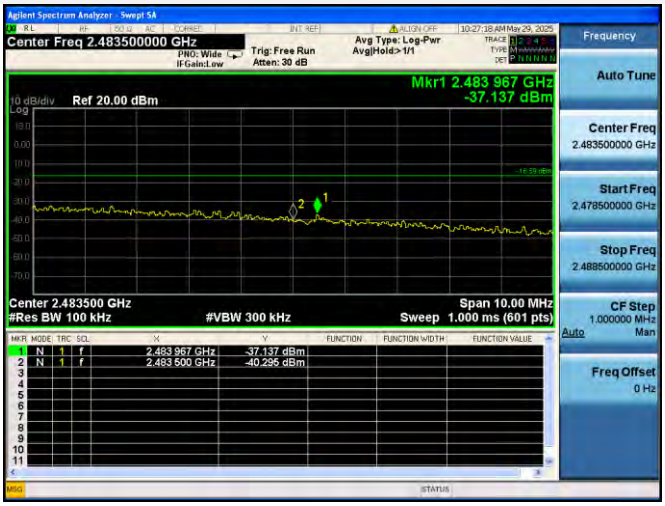


802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE

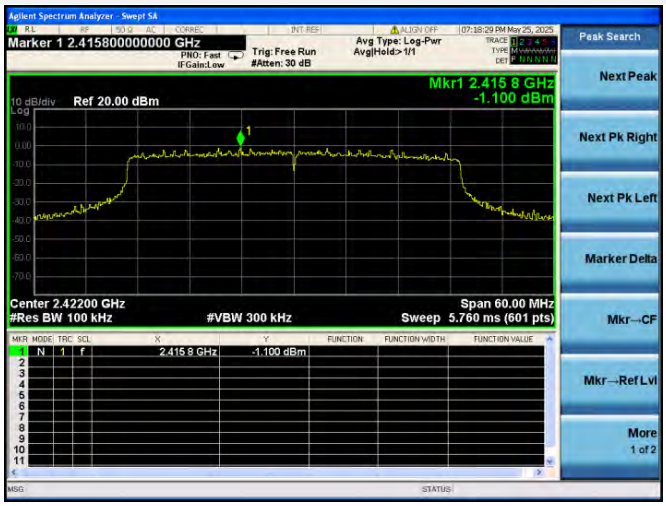
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE

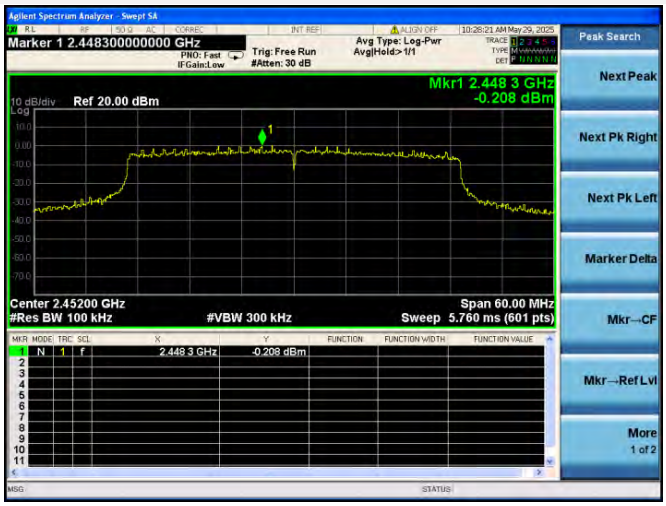


802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL

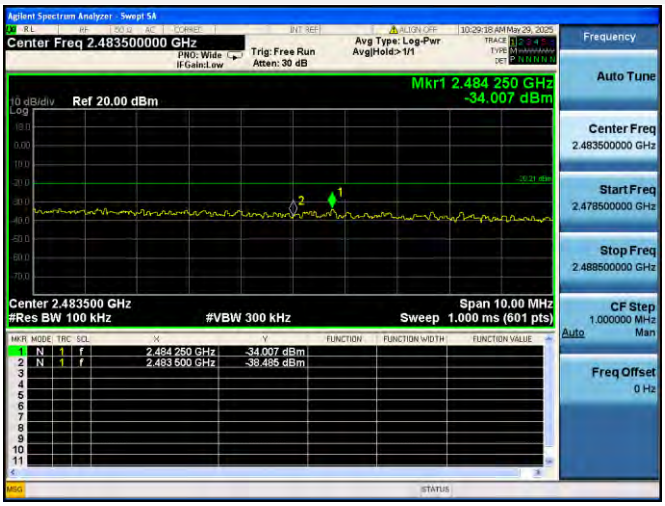


802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE

802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) 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.

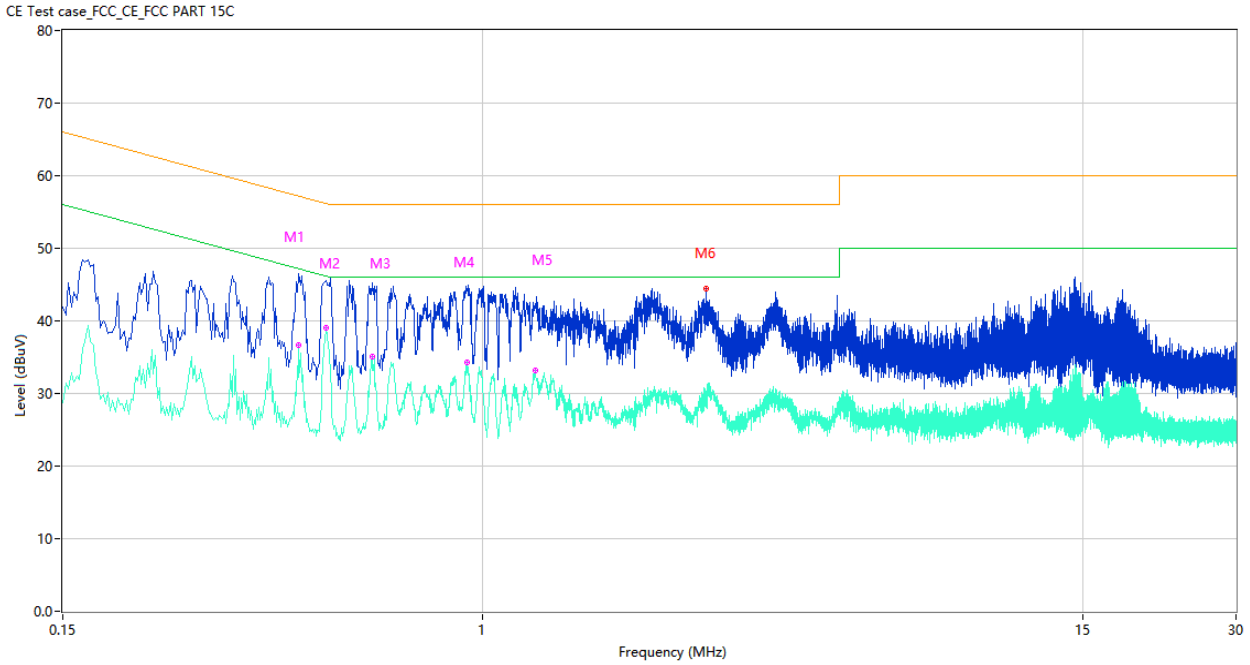
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

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

Replaceable Antenna Model 1: AF1013-T30A537

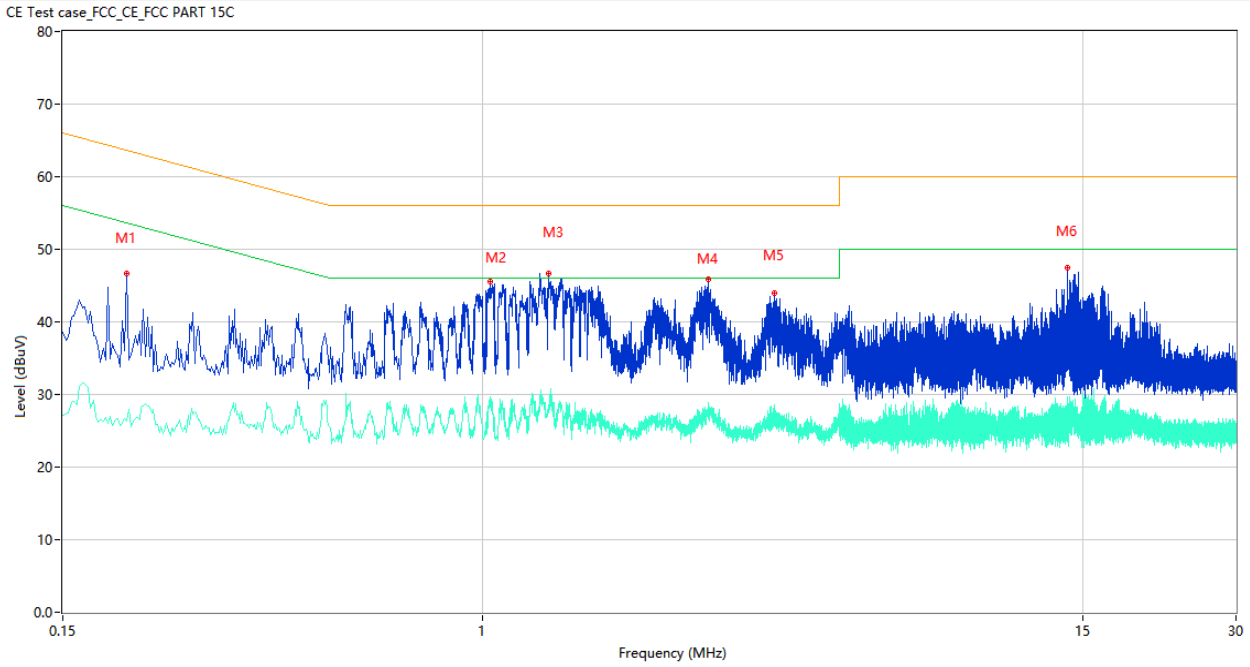
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.436	46.51	10.20	57.14	10.63	Peak	L	Pass
1**	0.436	36.72	10.20	47.14	10.42	AV	L	Pass
2	0.492	45.56	10.00	56.13	10.57	Peak	L	Pass
2**	0.492	39.04	10.00	46.13	7.09	AV	L	Pass
3	0.608	44.17	10.18	56.00	11.83	Peak	L	Pass
3**	0.608	35.00	10.18	46.00	11.00	AV	L	Pass
4	0.932	44.17	10.10	56.00	11.83	Peak	L	Pass
4**	0.932	34.34	10.10	46.00	11.66	AV	L	Pass
5	1.266	42.32	10.47	56.00	13.68	Peak	L	Pass
5**	1.266	33.11	10.47	46.00	12.89	AV	L	Pass
6	2.740	44.38	10.17	56.00	11.62	Peak	L	Pass
6**	2.740	30.29	10.17	46.00	15.71	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.200	46.65	9.83	63.61	16.96	Peak	N	Pass
1**	0.200	26.43	9.83	53.61	27.18	AV	N	Pass
2	1.036	45.52	10.12	56.00	10.48	Peak	N	Pass
2**	1.036	29.61	10.12	46.00	16.39	AV	N	Pass
3	1.346	46.64	10.05	56.00	9.36	Peak	N	Pass
3**	1.346	27.93	10.05	46.00	18.07	AV	N	Pass
4	2.774	45.80	10.31	56.00	10.20	Peak	N	Pass
4**	2.774	27.56	10.31	46.00	18.44	AV	N	Pass
5	3.740	43.98	10.46	56.00	12.02	Peak	N	Pass
5**	3.740	28.60	10.46	46.00	17.40	AV	N	Pass
6	14.028	47.48	10.80	60.00	12.52	Peak	N	Pass
6**	14.028	27.07	10.80	50.00	22.93	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.

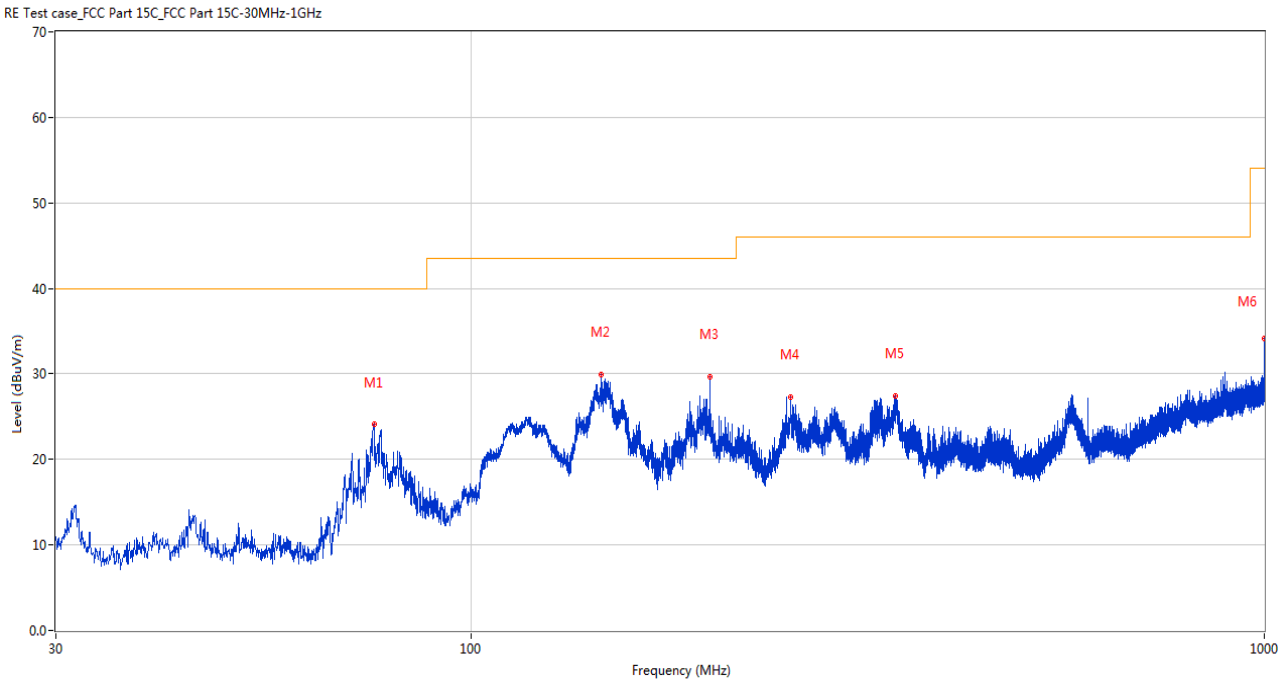
Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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.

Replaceable Antenna Model 1: AF1013-T30A537

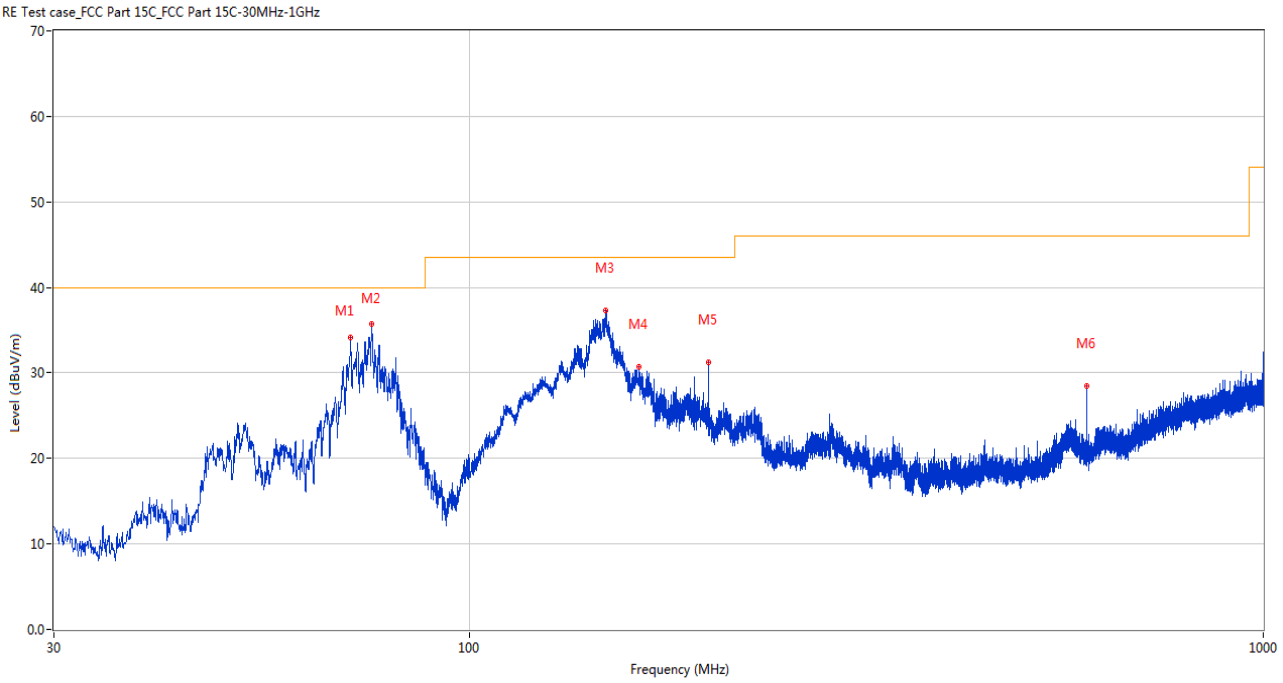
Test Data and Plots

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	75.493	24.19	-29.60	40.0	15.81	Peak	325.00	200	Horizontal	Pass
2	145.915	29.90	-26.08	43.5	13.60	Peak	239.00	200	Horizontal	Pass
3	199.992	29.67	-28.77	43.5	13.83	Peak	87.00	100	Horizontal	Pass
4	252.760	27.33	-26.66	46.0	18.67	Peak	308.00	100	Horizontal	Pass
5	342.388	27.40	-23.66	46.0	18.60	Peak	91.00	100	Horizontal	Pass
6	999.951	34.13	-9.64	54.0	19.87	Peak	337.00	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	70.934	34.08	-28.74	40.0	5.92	Peak	157.00	100	Vertical	Pass
2	75.396	35.79	-29.59	40.0	4.21	Peak	95.00	100	Vertical	Pass
3	148.389	37.33	-25.70	43.5	6.17	Peak	275.00	100	Vertical	Pass
4	163.666	30.76	-25.19	43.5	12.74	Peak	259.00	100	Vertical	Pass
5	199.992	31.21	-28.77	43.5	12.29	Peak	256.00	100	Vertical	Pass
6	600.020	28.43	-16.89	46.0	17.57	Peak	247.00	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.

Replaceable Antenna Model 1: AF1013-T30A537

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	1329.065	43.50	74.0	30.50	Peak	83.00	400	Horizontal	Pass
1**	1329.065	35.45	54.0	18.55	AV	83.00	400	Horizontal	Pass
2	2996.404	49.18	74.0	24.82	Peak	183.00	100	Horizontal	Pass
2**	2996.404	39.33	54.0	14.67	AV	183.00	100	Horizontal	Pass
3	4936.343	51.07	74.0	22.93	Peak	322.00	200	Horizontal	Pass
3**	4936.343	42.46	54.0	11.54	AV	322.00	200	Horizontal	Pass
4	6804.940	52.85	74.0	21.15	Peak	283.00	100	Horizontal	Pass
4**	6804.940	46.99	54.0	7.01	AV	283.00	100	Horizontal	Pass
5	13411.046	58.10	74.0	15.90	Peak	158.00	400	Horizontal	Pass
5**	13411.046	48.72	54.0	5.28	AV	158.00	400	Horizontal	Pass
6	17426.848	58.21	74.0	15.79	Peak	266.00	200	Horizontal	Pass
6**	17426.848	47.72	54.0	6.28	AV	266.00	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	1329.184	45.77	74.0	28.23	Peak	238.00	100	Vertical	Pass
1**	1329.184	35.15	54.0	18.85	AV	238.00	100	Vertical	Pass
2	2980.136	49.49	74.0	24.51	Peak	76.00	100	Vertical	Pass
2**	2980.136	42.42	54.0	11.58	AV	76.00	100	Vertical	Pass
3	4855.487	52.12	74.0	21.88	Peak	217.00	200	Vertical	Pass
3**	4855.487	42.48	54.0	11.52	AV	217.00	200	Vertical	Pass
4	6607.029	56.24	74.0	17.76	Peak	182.00	200	Vertical	Pass
4**	6607.029	44.86	54.0	9.14	AV	182.00	200	Vertical	Pass
5	13434.367	55.29	74.0	18.71	Peak	23.00	200	Vertical	Pass
5**	13434.367	43.78	54.0	10.22	AV	23.00	200	Vertical	Pass
6	17420.911	57.84	74.0	16.16	Peak	268.00	100	Vertical	Pass
6**	17420.911	45.56	54.0	8.44	AV	268.00	100	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	1328.107	45.52	74.0	28.48	Peak	291.00	300	Horizontal	Pass
1**	1328.107	37.13	54.0	16.87	AV	291.00	300	Horizontal	Pass
2	2997.439	51.38	74.0	22.62	Peak	229.00	400	Horizontal	Pass
2**	2997.439	40.63	54.0	13.37	AV	229.00	400	Horizontal	Pass
3	4932.783	52.32	74.0	21.68	Peak	31.00	200	Horizontal	Pass
3**	4932.783	43.24	54.0	10.76	AV	31.00	200	Horizontal	Pass
4	6806.784	56.53	74.0	17.47	Peak	134.00	100	Horizontal	Pass
4**	6806.784	45.89	54.0	8.11	AV	134.00	100	Horizontal	Pass
5	13412.157	55.95	74.0	18.05	Peak	48.00	400	Horizontal	Pass
5**	13412.157	45.34	54.0	8.66	AV	48.00	400	Horizontal	Pass
6	17426.285	56.82	74.0	17.18	Peak	260.00	100	Horizontal	Pass
6**	17426.285	46.27	54.0	7.73	AV	260.00	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	1330.286	45.10	74.0	28.90	Peak	308.00	100	Vertical	Pass
1**	1330.286	39.54	54.0	14.46	AV	308.00	100	Vertical	Pass
2	2983.073	48.24	74.0	25.76	Peak	311.00	200	Vertical	Pass
2**	2983.073	39.52	54.0	14.48	AV	311.00	200	Vertical	Pass
3	4854.474	51.26	74.0	22.74	Peak	169.00	200	Vertical	Pass
3**	4854.474	39.91	54.0	14.09	AV	169.00	200	Vertical	Pass
4	6609.695	53.05	74.0	20.95	Peak	285.00	100	Vertical	Pass
4**	6609.695	46.26	54.0	7.74	AV	285.00	100	Vertical	Pass
5	13431.795	54.65	74.0	19.35	Peak	228.00	200	Vertical	Pass
5**	13431.795	43.86	54.0	10.14	AV	228.00	200	Vertical	Pass
6	17415.290	55.58	74.0	18.42	Peak	74.00	300	Vertical	Pass
6**	17415.290	44.64	54.0	9.36	AV	74.00	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	1333.069	46.61	74.0	27.39	Peak	282.00	100	Horizontal	Pass
1**	1333.069	35.01	54.0	18.99	AV	282.00	100	Horizontal	Pass
2	3000.422	52.22	74.0	21.78	Peak	40.00	100	Horizontal	Pass
2**	3000.422	44.23	54.0	9.77	AV	40.00	100	Horizontal	Pass
3	4930.424	52.47	74.0	21.53	Peak	340.00	200	Horizontal	Pass
3**	4930.424	41.16	54.0	12.84	AV	340.00	200	Horizontal	Pass
4	6805.121	52.33	74.0	21.67	Peak	330.00	200	Horizontal	Pass
4**	6805.121	43.52	54.0	10.48	AV	330.00	200	Horizontal	Pass
5	13411.370	54.32	74.0	19.68	Peak	4.00	100	Horizontal	Pass
5**	13411.370	49.48	54.0	4.52	AV	4.00	100	Horizontal	Pass
6	17423.327	55.36	74.0	18.64	Peak	323.00	300	Horizontal	Pass
6**	17423.327	47.01	54.0	6.99	AV	323.00	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	1336.450	44.82	74.0	29.18	Peak	217.00	400	Vertical	Pass
1**	1336.450	35.53	54.0	18.47	AV	217.00	400	Vertical	Pass
2	2985.079	47.83	74.0	26.17	Peak	357.00	300	Vertical	Pass
2**	2985.079	43.71	54.0	10.29	AV	357.00	300	Vertical	Pass
3	4850.472	48.07	74.0	25.93	Peak	184.00	200	Vertical	Pass
3**	4850.472	41.52	54.0	12.48	AV	184.00	200	Vertical	Pass
4	6604.004	55.05	74.0	18.95	Peak	168.00	100	Vertical	Pass
4**	6604.004	42.71	54.0	11.29	AV	168.00	100	Vertical	Pass
5	13431.342	55.55	74.0	18.45	Peak	186.00	300	Vertical	Pass
5**	13431.342	43.40	54.0	10.60	AV	186.00	300	Vertical	Pass
6	17418.987	58.30	74.0	15.70	Peak	229.00	300	Vertical	Pass
6**	17418.987	47.63	54.0	6.37	AV	229.00	300	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	1330.595	42.00	74.0	32.00	Peak	296.00	300	Horizontal	Pass
1**	1330.595	34.93	54.0	19.07	AV	296.00	300	Horizontal	Pass
2	3000.525	52.25	74.0	21.75	Peak	118.00	300	Horizontal	Pass
2**	3000.525	40.24	54.0	13.76	AV	118.00	300	Horizontal	Pass
3	4936.906	50.48	74.0	23.52	Peak	127.00	200	Horizontal	Pass
3**	4936.906	40.17	54.0	13.83	AV	127.00	200	Horizontal	Pass
4	6806.840	57.05	74.0	16.95	Peak	60.00	400	Horizontal	Pass
4**	6806.840	45.40	54.0	8.60	AV	60.00	400	Horizontal	Pass
5	13409.035	58.21	74.0	15.79	Peak	349.00	400	Horizontal	Pass
5**	13409.035	48.39	54.0	5.61	AV	349.00	400	Horizontal	Pass
6	17422.913	55.23	74.0	18.77	Peak	313.00	400	Horizontal	Pass
6**	17422.913	48.89	54.0	5.11	AV	313.00	400	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	1333.018	43.22	74.0	30.78	Peak	326.00	300	Vertical	Pass
1**	1333.018	37.79	54.0	16.21	AV	326.00	300	Vertical	Pass
2	2983.306	49.65	74.0	24.35	Peak	83.00	100	Vertical	Pass
2**	2983.306	41.34	54.0	12.66	AV	83.00	100	Vertical	Pass
3	4855.460	46.61	74.0	27.39	Peak	287.00	200	Vertical	Pass
3**	4855.460	37.82	54.0	16.18	AV	287.00	200	Vertical	Pass
4	6609.969	52.47	74.0	21.53	Peak	173.00	300	Vertical	Pass
4**	6609.969	45.06	54.0	8.94	AV	173.00	300	Vertical	Pass
5	13436.805	53.75	74.0	20.25	Peak	334.00	400	Vertical	Pass
5**	13436.805	48.73	54.0	5.27	AV	334.00	400	Vertical	Pass
6	17417.269	54.28	74.0	19.72	Peak	186.00	400	Vertical	Pass
6**	17417.269	45.99	54.0	8.01	AV	186.00	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	1332.894	44.05	74.0	29.95	Peak	300.00	400	Horizontal	Pass
1**	1332.894	33.91	54.0	20.09	AV	300.00	400	Horizontal	Pass
2	3000.563	50.59	74.0	23.41	Peak	209.00	400	Horizontal	Pass
2**	3000.563	41.22	54.0	12.78	AV	209.00	400	Horizontal	Pass
3	4937.914	48.91	74.0	25.09	Peak	12.00	200	Horizontal	Pass
3**	4937.914	42.60	54.0	11.40	AV	12.00	200	Horizontal	Pass
4	6808.068	55.41	74.0	18.59	Peak	291.00	300	Horizontal	Pass
4**	6808.068	46.10	54.0	7.90	AV	291.00	300	Horizontal	Pass
5	13410.165	52.80	74.0	21.20	Peak	348.00	200	Horizontal	Pass
5**	13410.165	45.85	54.0	8.15	AV	348.00	200	Horizontal	Pass
6	17427.974	58.90	74.0	15.10	Peak	187.00	200	Horizontal	Pass
6**	17427.974	47.28	54.0	6.72	AV	187.00	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	1329.941	44.02	74.0	29.98	Peak	163.00	300	Vertical	Pass
1**	1329.941	36.58	54.0	17.42	AV	163.00	300	Vertical	Pass
2	2985.259	48.13	74.0	25.87	Peak	200.00	400	Vertical	Pass
2**	2985.259	42.38	54.0	11.62	AV	200.00	400	Vertical	Pass
3	4854.327	47.08	74.0	26.92	Peak	27.00	200	Vertical	Pass
3**	4854.327	40.11	54.0	13.89	AV	27.00	200	Vertical	Pass
4	6606.539	56.44	74.0	17.56	Peak	14.00	300	Vertical	Pass
4**	6606.539	47.44	54.0	6.56	AV	14.00	300	Vertical	Pass
5	13431.061	54.15	74.0	19.85	Peak	138.00	200	Vertical	Pass
5**	13431.061	47.75	54.0	6.25	AV	138.00	200	Vertical	Pass
6	17416.569	57.26	74.0	16.74	Peak	66.00	100	Vertical	Pass
6**	17416.569	44.43	54.0	9.57	AV	66.00	100	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	1326.146	44.22	74.0	29.78	Peak	174.00	100	Horizontal	Pass
1**	1326.146	38.15	54.0	15.85	AV	174.00	100	Horizontal	Pass
2	2996.485	49.69	74.0	24.31	Peak	178.00	400	Horizontal	Pass
2**	2996.485	43.87	54.0	10.13	AV	178.00	400	Horizontal	Pass
3	4934.423	49.55	74.0	24.45	Peak	174.00	200	Horizontal	Pass
3**	4934.423	40.89	54.0	13.11	AV	174.00	200	Horizontal	Pass
4	6806.747	54.99	74.0	19.01	Peak	128.00	300	Horizontal	Pass
4**	6806.747	47.13	54.0	6.87	AV	128.00	300	Horizontal	Pass
5	13410.160	55.28	74.0	18.72	Peak	22.00	100	Horizontal	Pass
5**	13410.160	43.66	54.0	10.34	AV	22.00	100	Horizontal	Pass
6	17427.002	54.15	74.0	19.85	Peak	152.00	200	Horizontal	Pass
6**	17427.002	45.02	54.0	8.98	AV	152.00	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	1336.511	47.50	74.0	26.50	Peak	291.00	300	Vertical	Pass
1**	1336.511	35.96	54.0	18.04	AV	291.00	300	Vertical	Pass
2	2982.696	52.05	74.0	21.95	Peak	161.00	300	Vertical	Pass
2**	2982.696	39.78	54.0	14.22	AV	161.00	300	Vertical	Pass
3	4851.726	51.43	74.0	22.57	Peak	234.00	200	Vertical	Pass
3**	4851.726	38.47	54.0	15.53	AV	234.00	200	Vertical	Pass
4	6604.001	56.36	74.0	17.64	Peak	200.00	300	Vertical	Pass
4**	6604.001	43.34	54.0	10.66	AV	200.00	300	Vertical	Pass
5	13436.855	58.21	74.0	15.79	Peak	190.00	100	Vertical	Pass
5**	13436.855	47.07	54.0	6.93	AV	190.00	100	Vertical	Pass
6	17416.513	59.99	74.0	14.01	Peak	47.00	200	Vertical	Pass
6**	17416.513	48.70	54.0	5.30	AV	47.00	200	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	1328.482	43.55	74.0	30.45	Peak	275.00	400	Horizontal	Pass
1**	1328.482	35.11	54.0	18.89	AV	275.00	400	Horizontal	Pass
2	2996.881	47.66	74.0	26.34	Peak	347.00	100	Horizontal	Pass
2**	2996.881	39.57	54.0	14.43	AV	347.00	100	Horizontal	Pass
3	4938.261	53.71	74.0	20.29	Peak	217.00	200	Horizontal	Pass
3**	4938.261	40.24	54.0	13.76	AV	217.00	200	Horizontal	Pass
4	6805.563	51.99	74.0	22.01	Peak	320.00	300	Horizontal	Pass
4**	6805.563	46.19	54.0	7.81	AV	320.00	300	Horizontal	Pass
5	13410.649	58.11	74.0	15.89	Peak	110.00	400	Horizontal	Pass
5**	13410.649	49.01	54.0	4.99	AV	110.00	400	Horizontal	Pass
6	17430.005	56.82	74.0	17.18	Peak	94.00	100	Horizontal	Pass
6**	17430.005	50.43	54.0	3.57	AV	94.00	100	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	1336.081	43.98	74.0	30.02	Peak	150.00	200	Vertical	Pass
1**	1336.081	39.41	54.0	14.59	AV	150.00	200	Vertical	Pass
2	2985.041	51.02	74.0	22.98	Peak	132.00	300	Vertical	Pass
2**	2985.041	44.40	54.0	9.60	AV	132.00	300	Vertical	Pass
3	4858.069	49.67	74.0	24.33	Peak	219.00	200	Vertical	Pass
3**	4858.069	40.91	54.0	13.09	AV	219.00	200	Vertical	Pass
4	6606.458	54.07	74.0	19.93	Peak	84.00	400	Vertical	Pass
4**	6606.458	45.16	54.0	8.84	AV	84.00	400	Vertical	Pass
5	13432.459	53.00	74.0	21.00	Peak	65.00	400	Vertical	Pass
5**	13432.459	46.44	54.0	7.56	AV	65.00	400	Vertical	Pass
6	17414.634	57.37	74.0	16.63	Peak	129.00	400	Vertical	Pass
6**	17414.634	45.58	54.0	8.42	AV	129.00	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	1330.849	47.22	74.0	26.78	Peak	206.00	100	Horizontal	Pass
1**	1330.849	34.25	54.0	19.75	AV	206.00	100	Horizontal	Pass
2	2993.835	51.81	74.0	22.19	Peak	289.00	300	Horizontal	Pass
2**	2993.835	44.38	54.0	9.62	AV	289.00	300	Horizontal	Pass
3	4934.217	52.37	74.0	21.63	Peak	343.00	200	Horizontal	Pass
3**	4934.217	40.43	54.0	13.57	AV	343.00	200	Horizontal	Pass
4	6803.576	51.74	74.0	22.26	Peak	325.00	300	Horizontal	Pass
4**	6803.576	46.11	54.0	7.89	AV	325.00	300	Horizontal	Pass
5	13410.786	54.92	74.0	19.08	Peak	202.00	400	Horizontal	Pass
5**	13410.786	44.35	54.0	9.65	AV	202.00	400	Horizontal	Pass
6	17424.019	55.27	74.0	18.73	Peak	83.00	300	Horizontal	Pass
6**	17424.019	48.35	54.0	5.65	AV	83.00	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	1331.278	46.30	74.0	27.70	Peak	299.00	400	Vertical	Pass
1**	1331.278	36.61	54.0	17.39	AV	299.00	400	Vertical	Pass
2	2979.682	53.33	74.0	20.67	Peak	168.00	200	Vertical	Pass
2**	2979.682	39.00	54.0	15.00	AV	168.00	200	Vertical	Pass
3	4852.772	50.53	74.0	23.47	Peak	24.00	200	Vertical	Pass
3**	4852.772	38.85	54.0	15.15	AV	24.00	200	Vertical	Pass
4	6603.978	55.14	74.0	18.86	Peak	326.00	300	Vertical	Pass
4**	6603.978	42.17	54.0	11.83	AV	326.00	300	Vertical	Pass
5	13437.481	54.87	74.0	19.13	Peak	161.00	100	Vertical	Pass
5**	13437.481	44.76	54.0	9.24	AV	161.00	100	Vertical	Pass
6	17416.423	56.52	74.0	17.48	Peak	16.00	300	Vertical	Pass
6**	17416.423	47.41	54.0	6.59	AV	16.00	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	1329.282	47.22	74.0	26.78	Peak	203.00	100	Horizontal	Pass
1**	1329.282	35.44	54.0	18.56	AV	203.00	100	Horizontal	Pass
2	2996.567	51.12	74.0	22.88	Peak	352.00	400	Horizontal	Pass
2**	2996.567	40.80	54.0	13.20	AV	352.00	400	Horizontal	Pass
3	4938.228	53.64	74.0	20.36	Peak	80.00	200	Horizontal	Pass
3**	4938.228	39.31	54.0	14.69	AV	80.00	200	Horizontal	Pass
4	6803.469	54.64	74.0	19.36	Peak	141.00	200	Horizontal	Pass
4**	6803.469	42.36	54.0	11.64	AV	141.00	200	Horizontal	Pass
5	13413.418	58.54	74.0	15.46	Peak	107.00	400	Horizontal	Pass
5**	13413.418	46.75	54.0	7.25	AV	107.00	400	Horizontal	Pass
6	17422.880	56.60	74.0	17.40	Peak	235.00	200	Horizontal	Pass
6**	17422.880	45.30	54.0	8.70	AV	235.00	200	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	1329.380	47.64	74.0	26.36	Peak	294.00	300	Vertical	Pass
1**	1329.380	40.59	54.0	13.41	AV	294.00	300	Vertical	Pass
2	2979.686	50.15	74.0	23.85	Peak	46.00	300	Vertical	Pass
2**	2979.686	41.20	54.0	12.80	AV	46.00	300	Vertical	Pass
3	4851.724	48.04	74.0	25.96	Peak	355.00	200	Vertical	Pass
3**	4851.724	37.80	54.0	16.20	AV	355.00	200	Vertical	Pass
4	6606.586	52.75	74.0	21.25	Peak	207.00	400	Vertical	Pass
4**	6606.586	43.13	54.0	10.87	AV	207.00	400	Vertical	Pass
5	13432.335	54.47	74.0	19.53	Peak	13.00	400	Vertical	Pass
5**	13432.335	43.90	54.0	10.10	AV	13.00	400	Vertical	Pass
6	17420.647	56.98	74.0	17.02	Peak	7.00	400	Vertical	Pass
6**	17420.647	49.75	54.0	4.25	AV	7.00	400	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	1331.830	47.53	74.0	26.47	Peak	177.00	300	Horizontal	Pass
1**	1331.830	37.14	54.0	16.86	AV	177.00	300	Horizontal	Pass
2	2996.153	53.05	74.0	20.95	Peak	11.00	300	Horizontal	Pass
2**	2996.153	43.34	54.0	10.66	AV	11.00	300	Horizontal	Pass
3	4938.379	53.17	74.0	20.83	Peak	125.00	200	Horizontal	Pass
3**	4938.379	40.62	54.0	13.38	AV	125.00	200	Horizontal	Pass
4	6803.404	55.23	74.0	18.77	Peak	212.00	200	Horizontal	Pass
4**	6803.404	42.80	54.0	11.20	AV	212.00	200	Horizontal	Pass
5	13414.948	56.70	74.0	17.30	Peak	153.00	100	Horizontal	Pass
5**	13414.948	44.16	54.0	9.84	AV	153.00	100	Horizontal	Pass
6	17425.014	53.82	74.0	20.18	Peak	95.00	300	Horizontal	Pass
6**	17425.014	48.18	54.0	5.82	AV	95.00	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	1334.600	48.10	74.0	25.90	Peak	138.00	400	Vertical	Pass
1**	1334.600	38.46	54.0	15.54	AV	138.00	400	Vertical	Pass
2	2981.525	50.93	74.0	23.07	Peak	109.00	100	Vertical	Pass
2**	2981.525	42.53	54.0	11.47	AV	109.00	100	Vertical	Pass
3	4855.454	47.74	74.0	26.26	Peak	36.00	200	Vertical	Pass
3**	4855.454	43.12	54.0	10.88	AV	36.00	200	Vertical	Pass
4	6603.236	51.81	74.0	22.19	Peak	167.00	300	Vertical	Pass
4**	6603.236	42.59	54.0	11.41	AV	167.00	300	Vertical	Pass
5	13433.903	56.45	74.0	17.55	Peak	128.00	200	Vertical	Pass
5**	13433.903	43.41	54.0	10.59	AV	128.00	200	Vertical	Pass
6	17419.597	56.57	74.0	17.43	Peak	191.00	400	Vertical	Pass
6**	17419.597	50.31	54.0	3.69	AV	191.00	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	1332.793	42.56	74.0	31.44	Peak	142.00	300	Horizontal	Pass
1**	1332.793	35.44	54.0	18.56	AV	142.00	300	Horizontal	Pass
2	2997.995	50.94	74.0	23.06	Peak	346.00	400	Horizontal	Pass
2**	2997.995	39.84	54.0	14.16	AV	346.00	400	Horizontal	Pass
3	4937.214	52.21	74.0	21.79	Peak	91.00	200	Horizontal	Pass
3**	4937.214	41.57	54.0	12.43	AV	91.00	200	Horizontal	Pass
4	6805.886	55.61	74.0	18.39	Peak	280.00	100	Horizontal	Pass
4**	6805.886	46.43	54.0	7.57	AV	280.00	100	Horizontal	Pass
5	13408.721	57.95	74.0	16.05	Peak	42.00	300	Horizontal	Pass
5**	13408.721	46.23	54.0	7.77	AV	42.00	300	Horizontal	Pass
6	17426.541	54.30	74.0	19.70	Peak	348.00	200	Horizontal	Pass
6**	17426.541	48.76	54.0	5.24	AV	348.00	200	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	1333.092	44.74	74.0	29.26	Peak	178.00	400	Vertical	Pass
1**	1333.092	35.86	54.0	18.14	AV	178.00	400	Vertical	Pass
2	2980.916	50.45	74.0	23.55	Peak	238.00	200	Vertical	Pass
2**	2980.916	40.87	54.0	13.13	AV	238.00	200	Vertical	Pass
3	4852.989	51.96	74.0	22.04	Peak	228.00	200	Vertical	Pass
3**	4852.989	42.69	54.0	11.31	AV	228.00	200	Vertical	Pass
4	6606.100	55.46	74.0	18.54	Peak	115.00	200	Vertical	Pass
4**	6606.100	45.11	54.0	8.89	AV	115.00	200	Vertical	Pass
5	13437.167	57.62	74.0	16.38	Peak	169.00	400	Vertical	Pass
5**	13437.167	44.55	54.0	9.45	AV	169.00	400	Vertical	Pass
6	17420.247	59.33	74.0	14.67	Peak	160.00	200	Vertical	Pass
6**	17420.247	46.68	54.0	7.32	AV	160.00	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	1333.645	46.10	74.0	27.90	Peak	212.00	300	Horizontal	Pass
1**	1333.645	37.72	54.0	16.28	AV	212.00	300	Horizontal	Pass
2	2998.712	50.90	74.0	23.10	Peak	10.00	300	Horizontal	Pass
2**	2998.712	38.97	54.0	15.03	AV	10.00	300	Horizontal	Pass
3	4935.699	50.66	74.0	23.34	Peak	196.00	200	Horizontal	Pass
3**	4935.699	41.56	54.0	12.44	AV	196.00	200	Horizontal	Pass
4	6805.483	54.13	74.0	19.87	Peak	324.00	200	Horizontal	Pass
4**	6805.483	45.50	54.0	8.50	AV	324.00	200	Horizontal	Pass
5	13411.422	56.90	74.0	17.10	Peak	203.00	400	Horizontal	Pass
5**	13411.422	49.26	54.0	4.74	AV	203.00	400	Horizontal	Pass
6	17429.227	53.83	74.0	20.17	Peak	43.00	400	Horizontal	Pass
6**	17429.227	49.42	54.0	4.58	AV	43.00	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	1336.181	43.70	74.0	30.30	Peak	303.00	400	Vertical	Pass
1**	1336.181	36.42	54.0	17.58	AV	303.00	400	Vertical	Pass
2	2979.763	48.71	74.0	25.29	Peak	342.00	400	Vertical	Pass
2**	2979.763	43.53	54.0	10.47	AV	342.00	400	Vertical	Pass
3	4857.987	51.75	74.0	22.25	Peak	219.00	200	Vertical	Pass
3**	4857.987	38.27	54.0	15.73	AV	219.00	200	Vertical	Pass
4	6609.749	51.45	74.0	22.55	Peak	317.00	300	Vertical	Pass
4**	6609.749	44.86	54.0	9.14	AV	317.00	300	Vertical	Pass
5	13438.072	54.64	74.0	19.36	Peak	88.00	100	Vertical	Pass
5**	13438.072	45.58	54.0	8.42	AV	88.00	100	Vertical	Pass
6	17415.984	57.67	74.0	16.33	Peak	93.00	200	Vertical	Pass
6**	17415.984	49.08	54.0	4.92	AV	93.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.995	45.17	74.0	28.83	Peak	154.00	100	Horizontal	Pass
1**	1329.995	38.70	54.0	15.30	AV	154.00	100	Horizontal	Pass
2	2992.856	49.24	74.0	24.76	Peak	28.00	200	Horizontal	Pass
2**	2992.856	42.35	54.0	11.65	AV	28.00	200	Horizontal	Pass
3	4933.590	52.41	74.0	21.59	Peak	95.00	200	Horizontal	Pass
3**	4933.590	41.20	54.0	12.80	AV	95.00	200	Horizontal	Pass
4	6804.795	57.33	74.0	16.67	Peak	332.00	400	Horizontal	Pass
4**	6804.795	42.21	54.0	11.79	AV	332.00	400	Horizontal	Pass
5	13411.020	55.66	74.0	18.34	Peak	313.00	200	Horizontal	Pass
5**	13411.020	44.14	54.0	9.86	AV	313.00	200	Horizontal	Pass
6	17428.374	58.19	74.0	15.81	Peak	79.00	100	Horizontal	Pass
6**	17428.374	47.59	54.0	6.41	AV	79.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.598	43.94	74.0	30.06	Peak	37.00	300	Vertical	Pass
1**	1332.598	35.36	54.0	18.64	AV	37.00	300	Vertical	Pass
2	2979.376	49.39	74.0	24.61	Peak	6.00	100	Vertical	Pass
2**	2979.376	40.88	54.0	13.12	AV	6.00	100	Vertical	Pass
3	4854.965	51.21	74.0	22.79	Peak	116.00	200	Vertical	Pass
3**	4854.965	41.24	54.0	12.76	AV	116.00	200	Vertical	Pass
4	6608.271	51.59	74.0	22.41	Peak	206.00	300	Vertical	Pass
4**	6608.271	43.69	54.0	10.31	AV	206.00	300	Vertical	Pass
5	13438.358	55.53	74.0	18.47	Peak	32.00	300	Vertical	Pass
5**	13438.358	49.18	54.0	4.82	AV	32.00	300	Vertical	Pass
6	17415.025	54.85	74.0	19.15	Peak	63.00	200	Vertical	Pass
6**	17415.025	45.01	54.0	8.99	AV	63.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.643	42.70	74.0	31.30	Peak	195.00	300	Horizontal	Pass
1**	1326.643	38.59	54.0	15.41	AV	195.00	300	Horizontal	Pass
2	2995.456	48.08	74.0	25.92	Peak	290.00	200	Horizontal	Pass
2**	2995.456	41.77	54.0	12.23	AV	290.00	200	Horizontal	Pass
3	4933.519	51.73	74.0	22.27	Peak	65.00	200	Horizontal	Pass
3**	4933.519	40.91	54.0	13.09	AV	65.00	200	Horizontal	Pass
4	6805.792	55.52	74.0	18.48	Peak	320.00	100	Horizontal	Pass
4**	6805.792	45.17	54.0	8.83	AV	320.00	100	Horizontal	Pass
5	13407.239	57.64	74.0	16.36	Peak	229.00	400	Horizontal	Pass
5**	13407.239	45.07	54.0	8.93	AV	229.00	400	Horizontal	Pass
6	17425.577	57.19	74.0	16.81	Peak	179.00	100	Horizontal	Pass
6**	17425.577	46.73	54.0	7.27	AV	179.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.275	47.44	74.0	26.56	Peak	78.00	200	Vertical	Pass
1**	1334.275	38.07	54.0	15.93	AV	78.00	200	Vertical	Pass
2	2984.593	48.42	74.0	25.58	Peak	231.00	300	Vertical	Pass
2**	2984.593	40.20	54.0	13.80	AV	231.00	300	Vertical	Pass
3	4855.702	49.74	74.0	24.26	Peak	172.00	200	Vertical	Pass
3**	4855.702	39.39	54.0	14.61	AV	172.00	200	Vertical	Pass
4	6610.209	56.96	74.0	17.04	Peak	194.00	100	Vertical	Pass
4**	6610.209	43.93	54.0	10.07	AV	194.00	100	Vertical	Pass
5	13436.960	58.07	74.0	15.93	Peak	44.00	200	Vertical	Pass
5**	13436.960	43.91	54.0	10.09	AV	44.00	200	Vertical	Pass
6	17420.549	56.66	74.0	17.34	Peak	343.00	300	Vertical	Pass
6**	17420.549	46.35	54.0	7.65	AV	343.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.375	41.96	74.0	32.04	Peak	224.00	400	Horizontal	Pass
1**	1327.375	37.98	54.0	16.02	AV	224.00	400	Horizontal	Pass
2	2998.383	47.89	74.0	26.11	Peak	250.00	400	Horizontal	Pass
2**	2998.383	43.23	54.0	10.77	AV	250.00	400	Horizontal	Pass
3	4936.543	53.81	74.0	20.19	Peak	210.00	200	Horizontal	Pass
3**	4936.543	40.45	54.0	13.55	AV	210.00	200	Horizontal	Pass
4	6806.331	56.78	74.0	17.22	Peak	258.00	400	Horizontal	Pass
4**	6806.331	42.56	54.0	11.44	AV	258.00	400	Horizontal	Pass
5	13410.650	53.44	74.0	20.56	Peak	204.00	300	Horizontal	Pass
5**	13410.650	45.03	54.0	8.97	AV	204.00	300	Horizontal	Pass
6	17427.116	57.69	74.0	16.31	Peak	55.00	300	Horizontal	Pass
6**	17427.116	49.07	54.0	4.93	AV	55.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.847	44.12	74.0	29.88	Peak	260.00	200	Vertical	Pass
1**	1333.847	36.20	54.0	17.80	AV	260.00	200	Vertical	Pass
2	2978.885	50.57	74.0	23.43	Peak	59.00	100	Vertical	Pass
2**	2978.885	44.26	54.0	9.74	AV	59.00	100	Vertical	Pass
3	4853.669	50.71	74.0	23.29	Peak	159.00	200	Vertical	Pass
3**	4853.669	39.17	54.0	14.83	AV	159.00	200	Vertical	Pass
4	6605.720	56.64	74.0	17.36	Peak	10.00	200	Vertical	Pass
4**	6605.720	46.12	54.0	7.88	AV	10.00	200	Vertical	Pass
5	13436.463	55.95	74.0	18.05	Peak	71.00	100	Vertical	Pass
5**	13436.463	45.06	54.0	8.94	AV	71.00	100	Vertical	Pass
6	17419.117	58.61	74.0	15.39	Peak	298.00	300	Vertical	Pass
6**	17419.117	46.32	54.0	7.68	AV	298.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.882	47.29	74.0	26.71	Peak	135.00	200	Horizontal	Pass
1**	1330.882	34.43	54.0	19.57	AV	135.00	200	Horizontal	Pass
2	2999.187	48.68	74.0	25.32	Peak	68.00	400	Horizontal	Pass
2**	2999.187	43.59	54.0	10.41	AV	68.00	400	Horizontal	Pass
3	4931.630	54.00	74.0	20.00	Peak	272.00	200	Horizontal	Pass
3**	4931.630	44.62	54.0	9.38	AV	272.00	200	Horizontal	Pass
4	6806.851	53.36	74.0	20.64	Peak	266.00	100	Horizontal	Pass
4**	6806.851	42.98	54.0	11.02	AV	266.00	100	Horizontal	Pass
5	13410.705	53.25	74.0	20.75	Peak	203.00	300	Horizontal	Pass
5**	13410.705	45.54	54.0	8.46	AV	203.00	300	Horizontal	Pass
6	17425.593	55.56	74.0	18.44	Peak	178.00	300	Horizontal	Pass
6**	17425.593	48.22	54.0	5.78	AV	178.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.469	47.45	74.0	26.55	Peak	263.00	400	Vertical	Pass
1**	1335.469	36.66	54.0	17.34	AV	263.00	400	Vertical	Pass
2	2978.769	48.92	74.0	25.08	Peak	161.00	400	Vertical	Pass
2**	2978.769	41.11	54.0	12.89	AV	161.00	400	Vertical	Pass
3	4855.780	50.12	74.0	23.88	Peak	228.00	200	Vertical	Pass
3**	4855.780	38.28	54.0	15.72	AV	228.00	200	Vertical	Pass
4	6610.968	55.68	74.0	18.32	Peak	311.00	100	Vertical	Pass
4**	6610.968	47.54	54.0	6.46	AV	311.00	100	Vertical	Pass
5	13436.291	52.89	74.0	21.11	Peak	41.00	100	Vertical	Pass
5**	13436.291	47.87	54.0	6.13	AV	41.00	100	Vertical	Pass
6	17415.152	54.58	74.0	19.42	Peak	26.00	100	Vertical	Pass
6**	17415.152	44.95	54.0	9.05	AV	26.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.555	43.99	74.0	30.01	Peak	283.00	200	Horizontal	Pass
1**	1331.555	37.41	54.0	16.59	AV	283.00	200	Horizontal	Pass
2	2998.546	50.37	74.0	23.63	Peak	145.00	100	Horizontal	Pass
2**	2998.546	39.15	54.0	14.85	AV	145.00	100	Horizontal	Pass
3	4935.448	48.88	74.0	25.12	Peak	219.00	200	Horizontal	Pass
3**	4935.448	44.30	54.0	9.70	AV	219.00	200	Horizontal	Pass
4	6807.371	53.00	74.0	21.00	Peak	232.00	200	Horizontal	Pass
4**	6807.371	42.94	54.0	11.06	AV	232.00	200	Horizontal	Pass
5	13407.759	53.45	74.0	20.55	Peak	355.00	300	Horizontal	Pass
5**	13407.759	48.19	54.0	5.81	AV	355.00	300	Horizontal	Pass
6	17423.933	56.86	74.0	17.14	Peak	178.00	300	Horizontal	Pass
6**	17423.933	46.38	54.0	7.62	AV	178.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.879	46.58	74.0	27.42	Peak	187.00	100	Vertical	Pass
1**	1331.879	37.85	54.0	16.15	AV	187.00	100	Vertical	Pass
2	2981.890	53.27	74.0	20.73	Peak	317.00	300	Vertical	Pass
2**	2981.890	42.41	54.0	11.59	AV	317.00	300	Vertical	Pass
3	4856.510	50.11	74.0	23.89	Peak	339.00	200	Vertical	Pass
3**	4856.510	38.01	54.0	15.99	AV	339.00	200	Vertical	Pass
4	6605.068	55.48	74.0	18.52	Peak	148.00	300	Vertical	Pass
4**	6605.068	45.59	54.0	8.41	AV	148.00	300	Vertical	Pass
5	13433.017	53.88	74.0	20.12	Peak	276.00	300	Vertical	Pass
5**	13433.017	46.70	54.0	7.30	AV	276.00	300	Vertical	Pass
6	17414.236	60.11	74.0	13.89	Peak	75.00	200	Vertical	Pass
6**	17414.236	47.46	54.0	6.54	AV	75.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.725	44.87	74.0	29.13	Peak	52.00	200	Horizontal	Pass
1**	1325.725	39.76	54.0	14.24	AV	52.00	200	Horizontal	Pass
2	2994.760	49.19	74.0	24.81	Peak	334.00	400	Horizontal	Pass
2**	2994.760	39.38	54.0	14.62	AV	334.00	400	Horizontal	Pass
3	4931.984	54.44	74.0	19.56	Peak	261.00	200	Horizontal	Pass
3**	4931.984	40.84	54.0	13.16	AV	261.00	200	Horizontal	Pass
4	6806.639	54.88	74.0	19.12	Peak	155.00	400	Horizontal	Pass
4**	6806.639	41.92	54.0	12.08	AV	155.00	400	Horizontal	Pass
5	13409.819	56.82	74.0	17.18	Peak	143.00	300	Horizontal	Pass
5**	13409.819	46.19	54.0	7.81	AV	143.00	300	Horizontal	Pass
6	17427.317	55.05	74.0	18.95	Peak	107.00	100	Horizontal	Pass
6**	17427.317	50.31	54.0	3.69	AV	107.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.770	44.55	74.0	29.45	Peak	166.00	200	Vertical	Pass
1**	1336.770	35.26	54.0	18.74	AV	166.00	200	Vertical	Pass
2	2979.211	49.81	74.0	24.19	Peak	310.00	100	Vertical	Pass
2**	2979.211	42.08	54.0	11.92	AV	310.00	100	Vertical	Pass
3	4851.035	49.74	74.0	24.26	Peak	304.00	200	Vertical	Pass
3**	4851.035	41.30	54.0	12.70	AV	304.00	200	Vertical	Pass
4	6610.758	56.88	74.0	17.12	Peak	251.00	400	Vertical	Pass
4**	6610.758	46.82	54.0	7.18	AV	251.00	400	Vertical	Pass
5	13432.017	54.16	74.0	19.84	Peak	233.00	300	Vertical	Pass
5**	13432.017	47.58	54.0	6.42	AV	233.00	300	Vertical	Pass
6	17418.977	55.64	74.0	18.36	Peak	334.00	100	Vertical	Pass
6**	17418.977	48.98	54.0	5.02	AV	334.00	100	Vertical	Pass

Replaceable Antenna Model 2: AE1013-BND-H60

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	1460.600	47.96	74.0	26.04	Peak	66.00	300	Horizontal	Pass
1**	1460.600	40.17	54.0	13.83	AV	66.00	300	Horizontal	Pass
2	2437.600	97.97	74.0	-23.97	Peak	108.00	100	Horizontal	N/A
2**	2437.600	92.48	54.0	-38.48	AV	108.00	100	Horizontal	N/A
3	4690.400	48.96	74.0	25.04	Peak	267.00	100	Horizontal	Pass
3**	4690.400	39.10	54.0	14.90	AV	267.00	100	Horizontal	Pass
4	6988.600	53.04	74.0	20.96	Peak	139.00	100	Horizontal	Pass
4**	6988.600	43.84	54.0	10.16	AV	139.00	100	Horizontal	Pass
5	12918.000	47.30	74.0	26.70	Peak	0.00	300	Horizontal	Pass
5**	12918.000	36.44	54.0	17.56	AV	0.00	300	Horizontal	Pass
6	16365.938	50.56	74.0	23.44	Peak	0.00	100	Horizontal	Pass
6**	16365.938	40.93	54.0	13.07	AV	0.00	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	1331.600	43.27	74.0	30.73	Peak	41.00	400	Vertical	Pass
1**	1331.600	31.71	54.0	22.29	AV	41.00	400	Vertical	Pass
2	2437.200	92.41	74.0	-18.41	Peak	326.00	100	Vertical	N/A
2**	2437.200	86.90	54.0	-32.90	AV	326.00	100	Vertical	N/A
3	4874.200	45.80	74.0	28.20	Peak	254.00	150	Vertical	Pass
3**	4874.200	42.80	54.0	11.20	AV	254.00	150	Vertical	Pass
4	6988.600	52.45	74.0	21.55	Peak	16.00	400	Vertical	Pass
4**	6988.600	44.36	54.0	9.64	AV	16.00	400	Vertical	Pass
5	12513.963	47.36	74.0	26.64	Peak	201.00	300	Vertical	Pass
5**	12513.963	38.02	54.0	15.98	AV	201.00	300	Vertical	Pass
6	16978.613	50.31	74.0	23.69	Peak	109.00	200	Vertical	Pass
6**	16978.613	40.82	54.0	13.18	AV	109.00	200	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

Replaceable Antenna Model 1: AF1013-T30A537

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.500	55.93	74.0	18.07	Peak	360.00	150	Horizontal	Pass
1**	2385.500	43.85	54.0	10.15	AV	360.00	150	Horizontal	Pass
2	2389.833	53.79	74.0	20.21	Peak	140.00	150	Horizontal	Pass
2**	2389.833	44.62	54.0	9.38	AV	140.00	150	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	2483.550	54.95	74.0	19.05	Peak	112.00	150	Horizontal	Pass
1**	2483.550	45.36	54.0	8.64	AV	112.00	150	Horizontal	Pass
2	2499.500	58.84	74.0	15.16	Peak	143.00	150	Horizontal	Pass
2**	2499.500	44.54	54.0	9.46	AV	143.00	150	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	2386.333	56.87	74.0	17.13	Peak	58.00	100	Horizontal	Pass
1**	2386.333	46.22	54.0	7.78	AV	58.00	100	Horizontal	Pass
2	2389.833	54.17	74.0	19.83	Peak	282.00	150	Horizontal	Pass
2**	2389.833	44.79	54.0	9.21	AV	282.00	150	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	2483.550	56.63	74.0	17.37	Peak	46.00	100	Horizontal	Pass
1**	2483.550	47.12	54.0	6.88	AV	46.00	100	Horizontal	Pass
2	2483.700	55.89	74.0	18.11	Peak	49.00	100	Horizontal	Pass
2**	2483.700	47.62	54.0	6.38	AV	49.00	100	Horizontal	Pass
3	2486.050	56.96	74.0	17.04	Peak	46.00	200	Horizontal	Pass
3**	2486.050	46.57	54.0	7.43	AV	46.00	200	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	2384.500	57.79	74.0	16.21	Peak	43.00	200	Horizontal	Pass
1**	2384.500	47.62	54.0	6.38	AV	43.00	200	Horizontal	Pass
2	2385.167	57.22	74.0	16.78	Peak	38.00	100	Horizontal	Pass
2**	2385.167	48.17	54.0	5.83	AV	38.00	100	Horizontal	Pass
3	2389.833	56.12	74.0	17.88	Peak	54.00	150	Horizontal	Pass
3**	2389.833	47.26	54.0	6.74	AV	54.00	150	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	57.34	74.0	16.66	Peak	46.00	200	Horizontal	Pass
1**	2483.500	48.20	54.0	5.80	AV	46.00	200	Horizontal	Pass
2	2484.150	58.12	74.0	15.88	Peak	31.00	200	Horizontal	Pass
2**	2484.150	47.39	54.0	6.61	AV	31.00	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	2388.667	64.15	74.0	9.85	Peak	132.00	200	Horizontal	Pass
1**	2388.667	45.56	54.0	8.44	AV	132.00	200	Horizontal	Pass
2	2389.833	65.92	74.0	8.08	Peak	132.00	150	Horizontal	Pass
2**	2389.833	46.09	54.0	7.91	AV	132.00	150	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	66.11	74.0	7.89	Peak	140.00	100	Horizontal	Pass
1**	2483.500	49.12	54.0	4.88	AV	140.00	100	Horizontal	Pass
2	2484.200	66.50	74.0	7.50	Peak	131.00	150	Horizontal	Pass
2**	2484.200	48.97	54.0	5.03	AV	131.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.833	59.55	74.0	14.45	Peak	43.00	200	Horizontal	Pass
1**	2388.833	47.37	54.0	6.63	AV	43.00	200	Horizontal	Pass
2	2389.833	58.38	74.0	15.62	Peak	46.00	100	Horizontal	Pass
2**	2389.833	48.01	54.0	5.99	AV	46.00	100	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.36	74.0	15.64	Peak	45.00	150	Horizontal	Pass
1**	2483.500	46.43	54.0	7.57	AV	45.00	150	Horizontal	Pass
2	2484.650	59.10	74.0	14.90	Peak	47.00	100	Horizontal	Pass
2**	2484.650	46.98	54.0	7.02	AV	47.00	100	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.333	68.35	74.0	5.65	Peak	132.00	150	Horizontal	Pass
1**	2389.333	47.73	54.0	6.27	AV	132.00	150	Horizontal	Pass
2	2389.833	67.94	74.0	6.06	Peak	127.00	150	Horizontal	Pass
2**	2389.833	47.79	54.0	6.21	AV	127.00	150	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.87	74.0	16.13	Peak	48.00	150	Horizontal	Pass
1**	2483.500	47.11	54.0	6.89	AV	48.00	150	Horizontal	Pass
2	2484.300	57.60	74.0	16.40	Peak	50.00	150	Horizontal	Pass
2**	2484.300	47.26	54.0	6.74	AV	50.00	150	Horizontal	Pass

Replaceable Antenna Model 2: AE1013-BND-H60

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	54.12	74.0	19.88	Peak	163.00	200	Horizontal	Pass
1**	2483.550	43.49	54.0	10.51	AV	163.00	200	Horizontal	Pass
2	2484.100	55.91	74.0	18.09	Peak	181.00	150	Horizontal	Pass
2**	2484.100	43.70	54.0	10.30	AV	181.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Replaceable Antenna Model 1: AF1013-T30A537

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.48	8
Middle	-9.61	8
High	-9.33	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.37	8
Middle	-11.57	8
High	-10.61	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.80	8
Middle	-11.64	8
High	-12.42	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.52	8
Middle	-15.55	8
High	-15.92	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.46	8
Middle	-13.37	8
High	-12.59	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.53	8
Middle	-15.25	8
High	-15.45	8

Test Plots

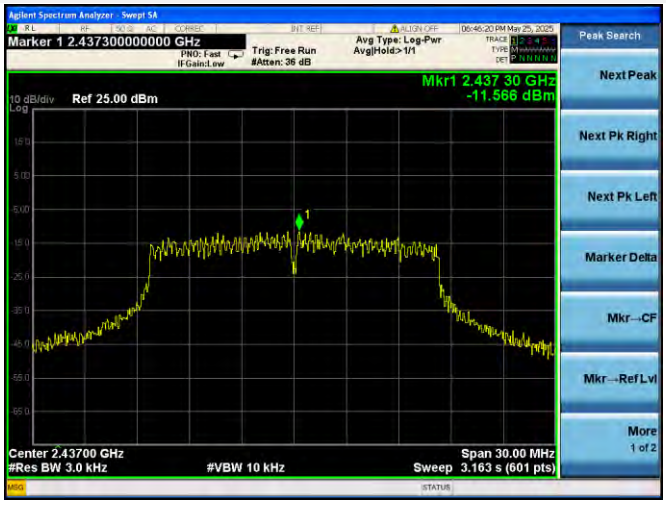
802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

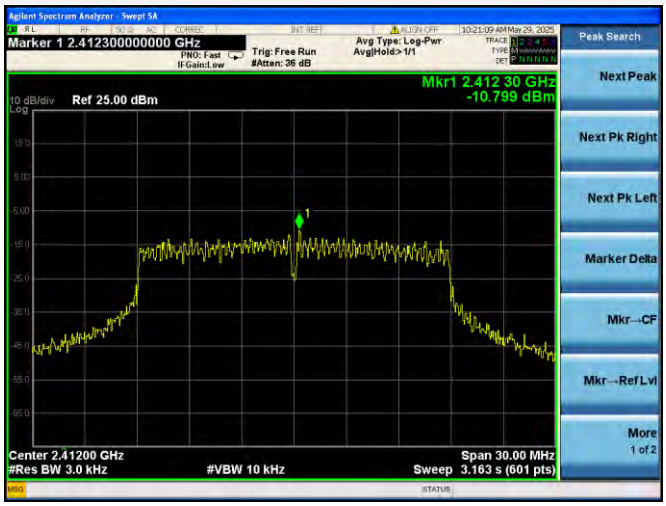
802.11g LOW CHANNEL

802.11g MIDDLE CHANNEL

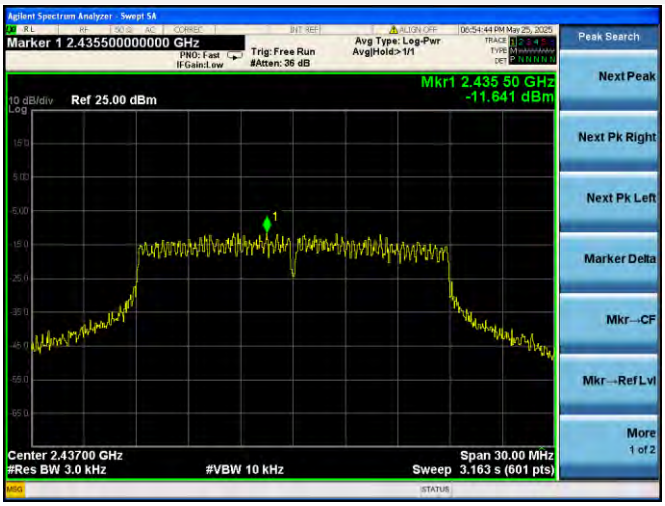


802.11g HIGH CHANNEL

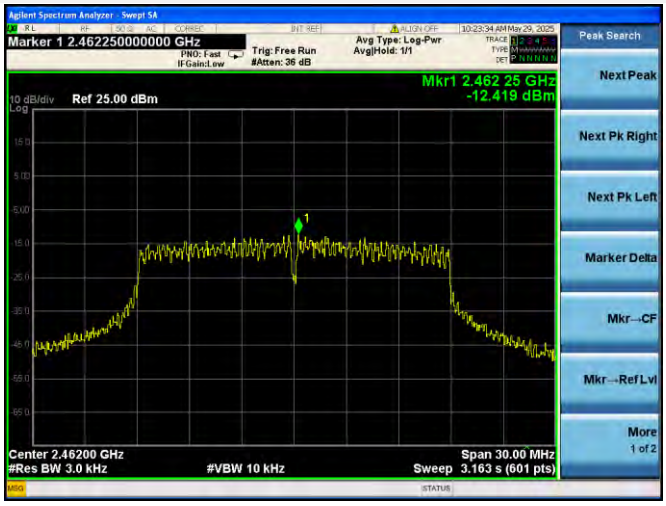
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL

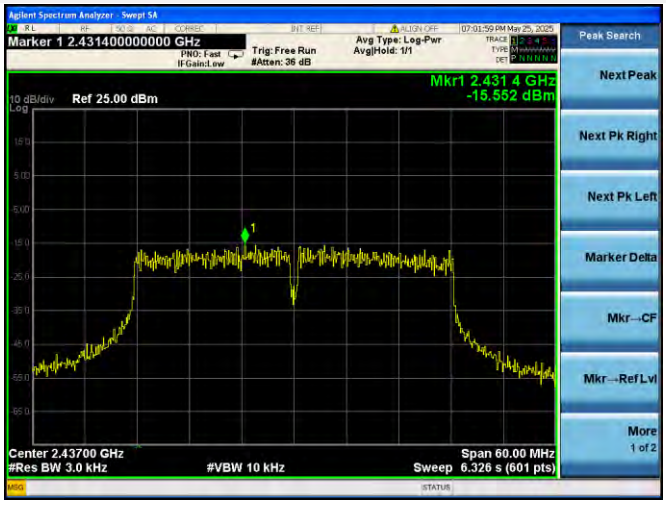


802.11n-20 MHz HIGH CHANNEL



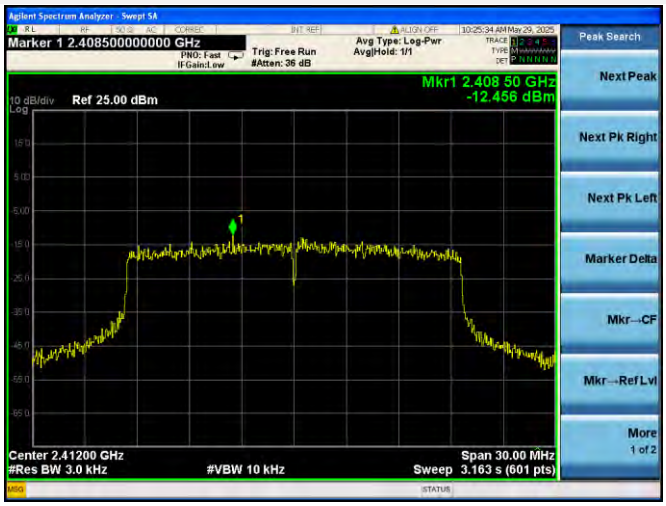
802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL

802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL

802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL

802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2541704-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2541704-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2541704-AI.PDF”.

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--END OF REPORT--