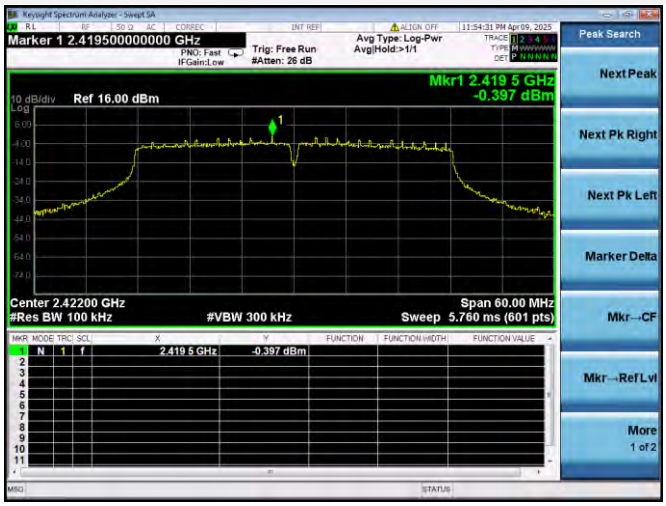
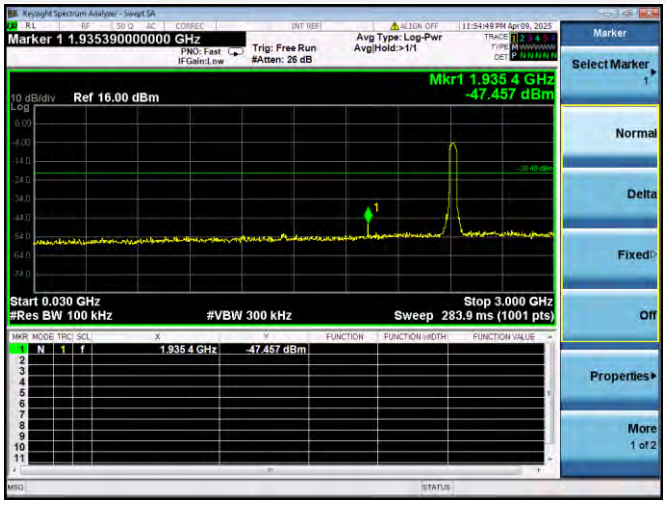
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

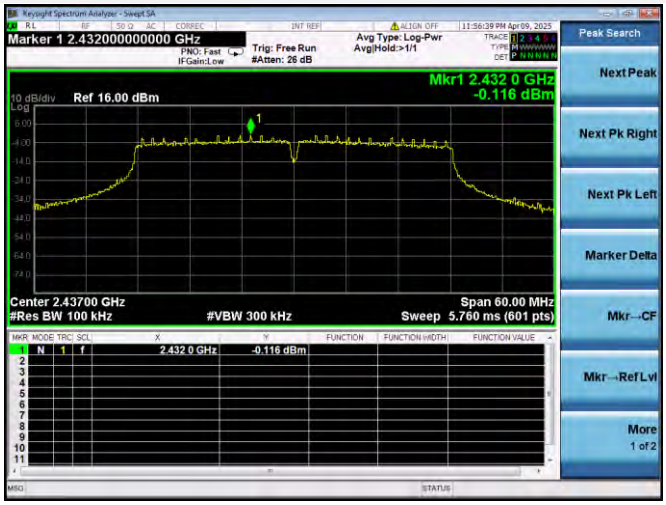


802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

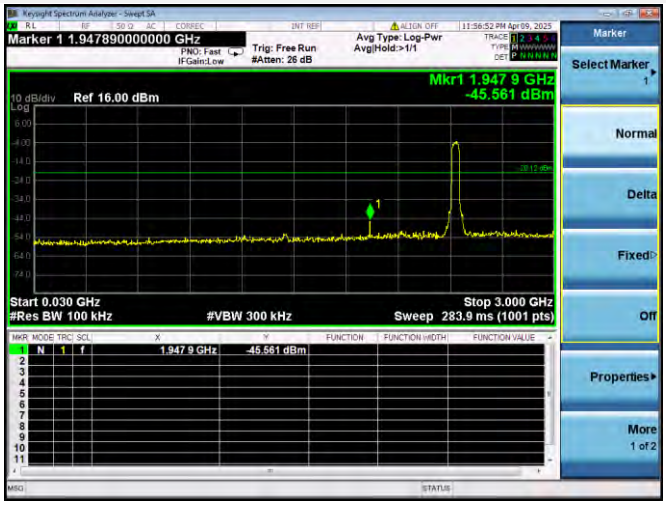


802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL

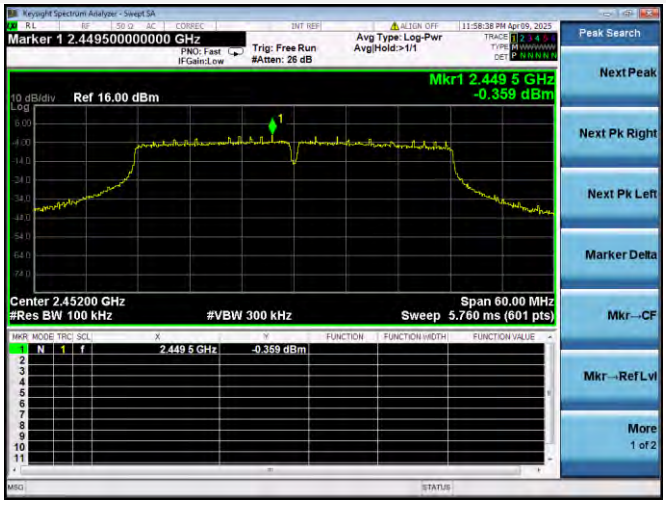


802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

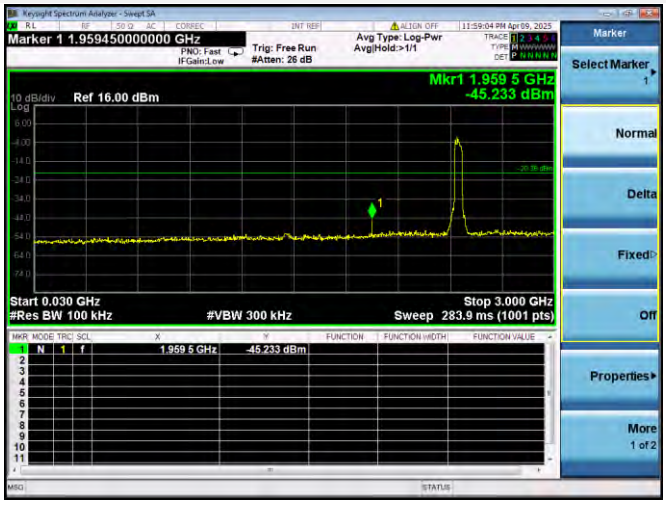


802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

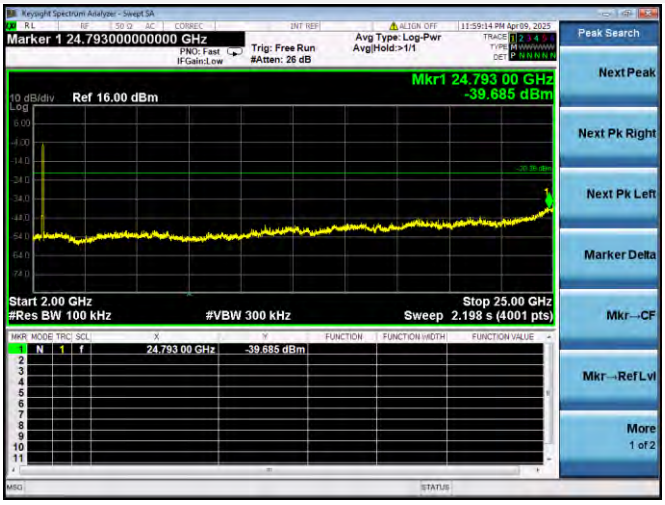
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



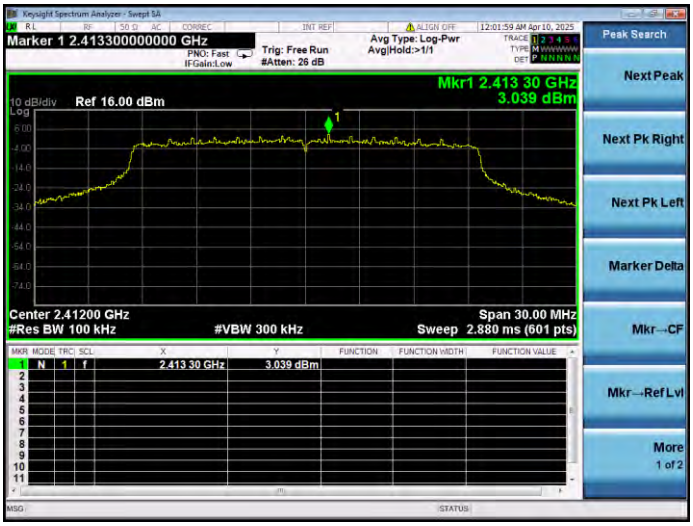
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



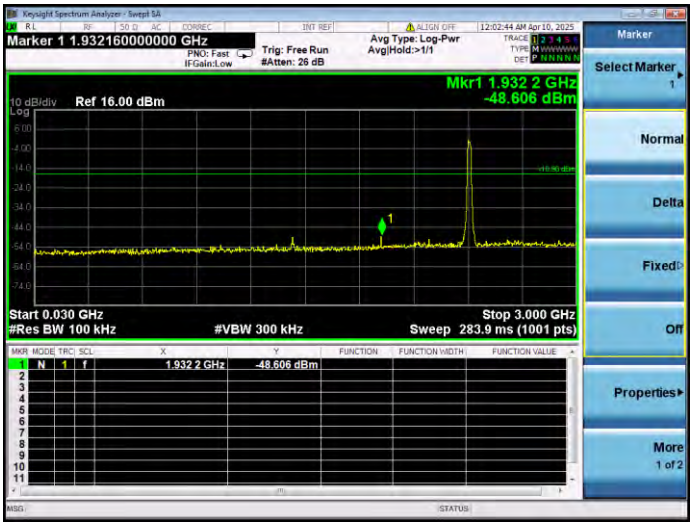
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

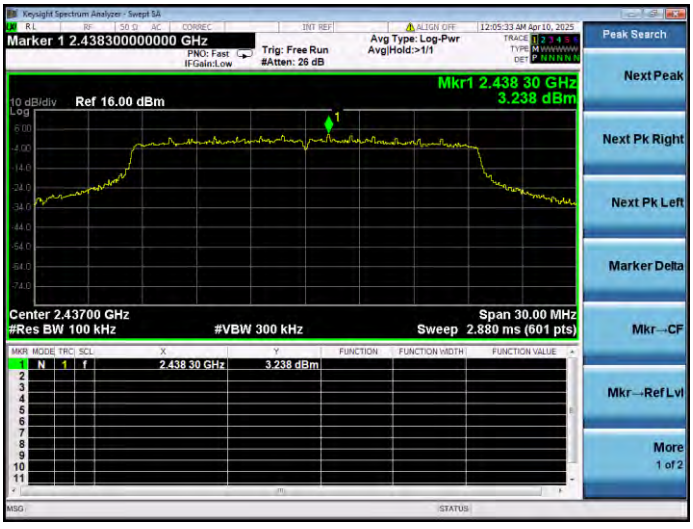


802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

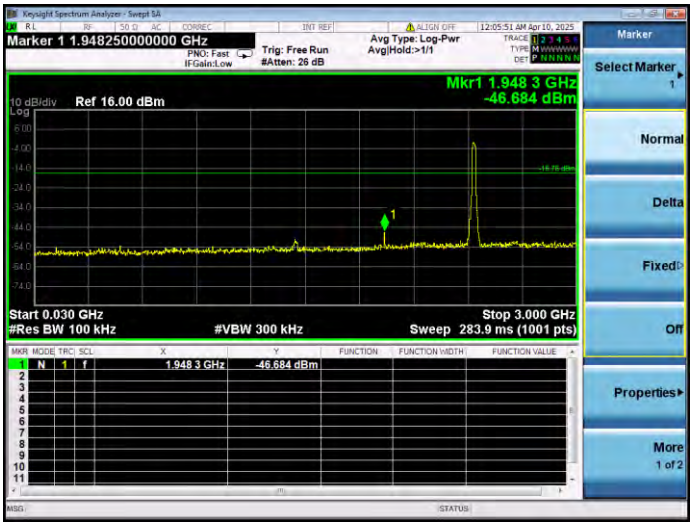


802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

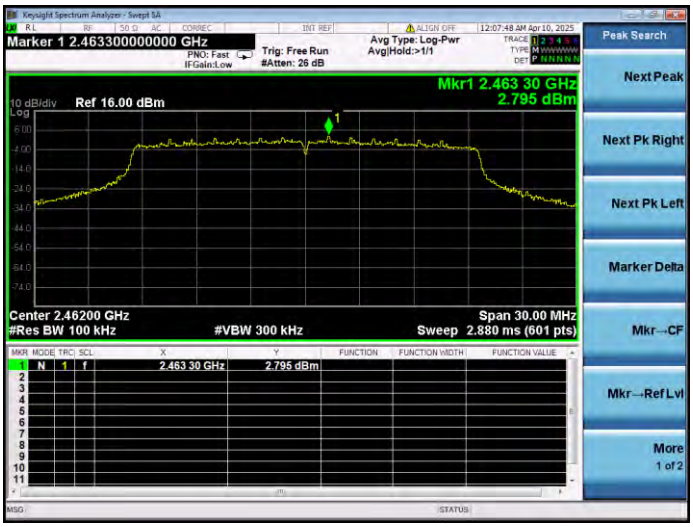


802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

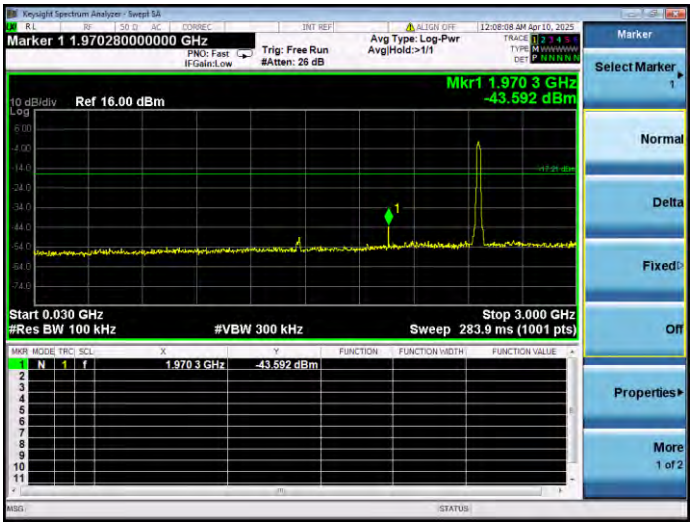


802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

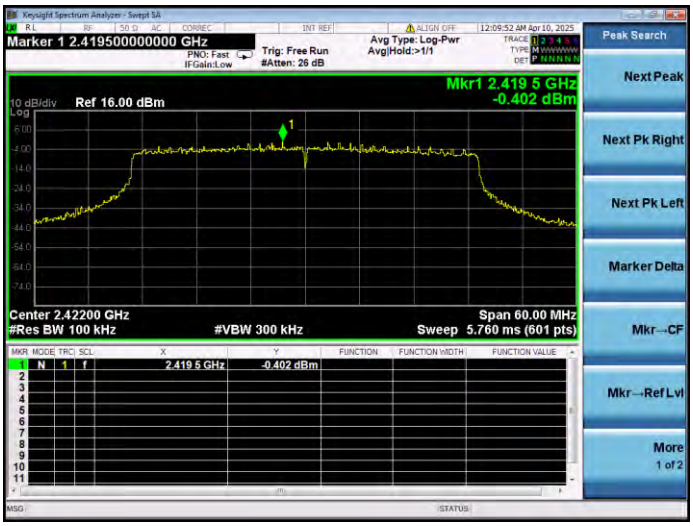


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

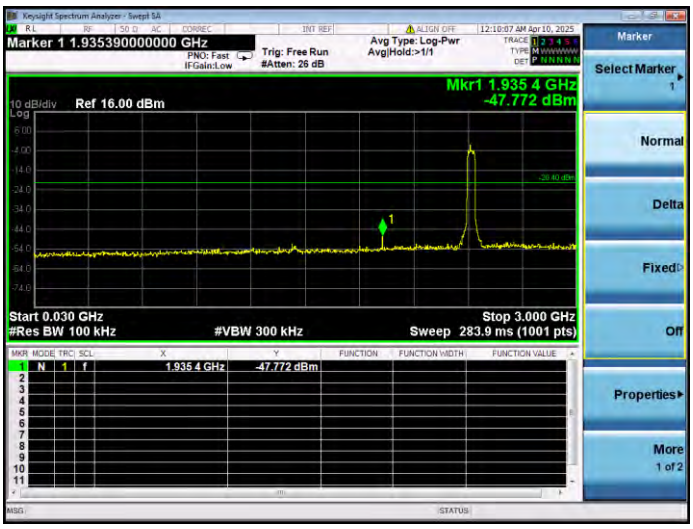


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

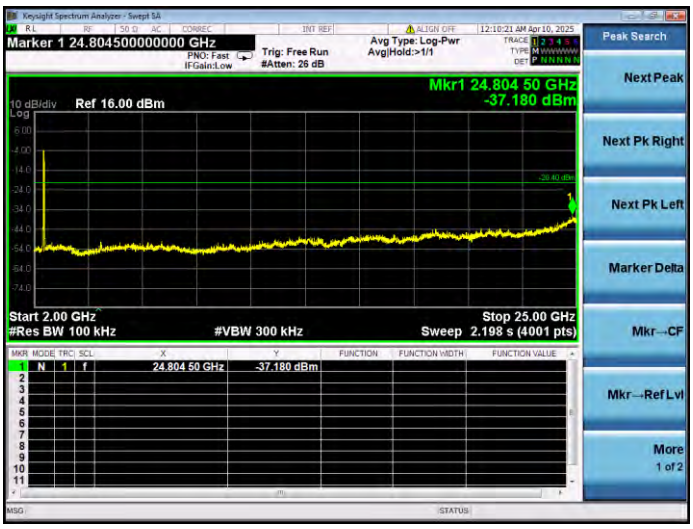
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



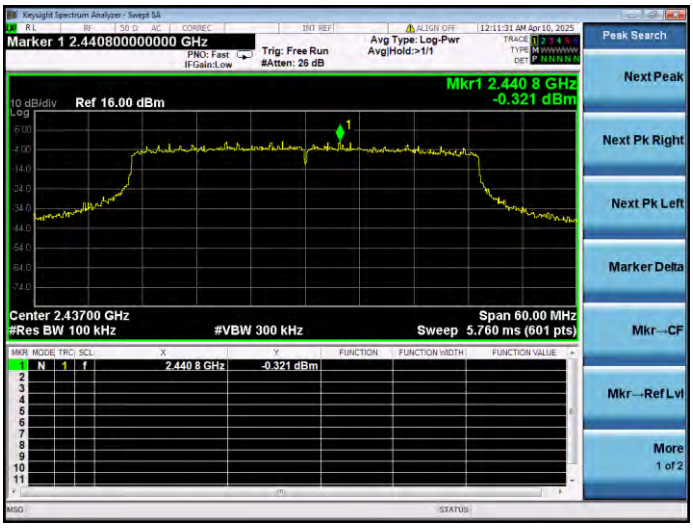
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



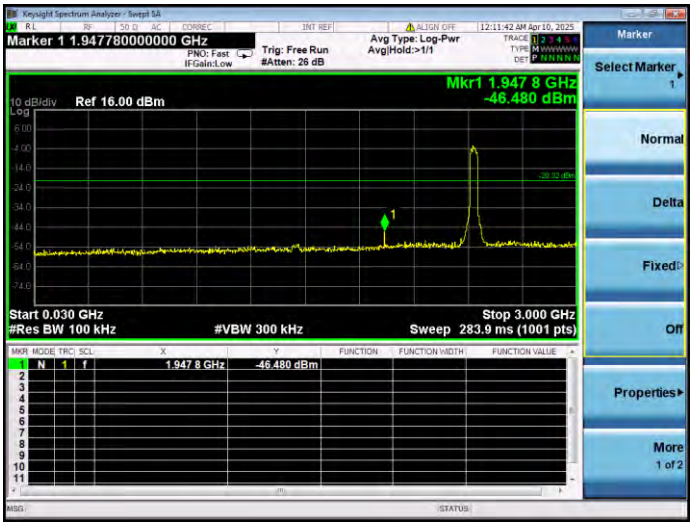
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

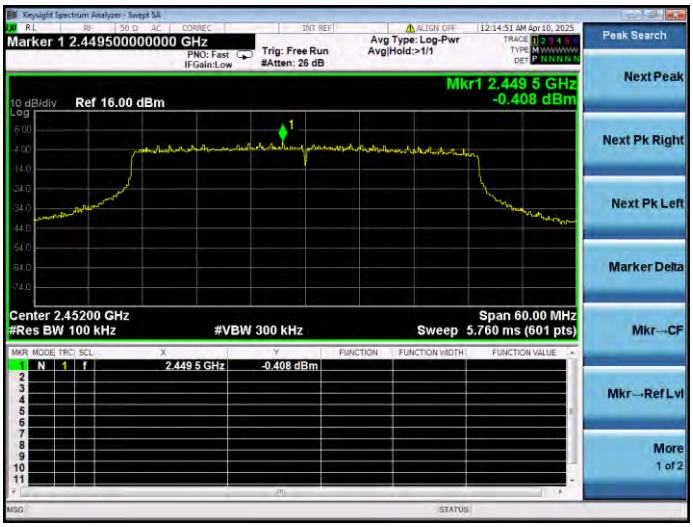


802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

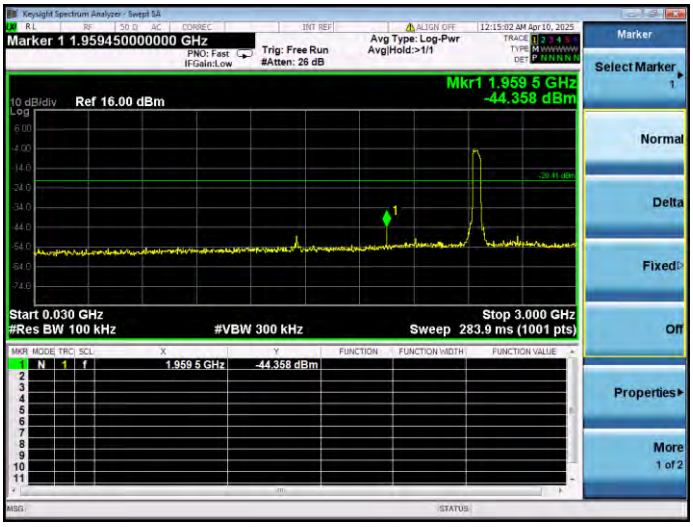


802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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: AE1012

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.65	5.66	-14.34	Pass
High Channel	-47.52	6.05	-13.95	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.20	2.29	-17.71	Pass
High Channel	-43.81	2.66	-17.34	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.85	2.72	-17.28	Pass
High Channel	-42.67	2.76	-17.24	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.20	-0.40	-20.40	Pass
High Channel	-41.14	-0.36	-20.36	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	-26.25	3.04	-16.96	Pass
High Channel	-44.18	2.80	-17.21	Pass

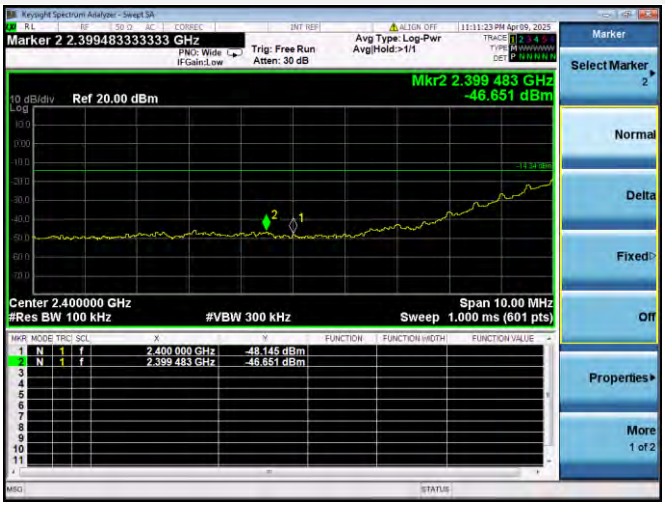
802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.54	-0.40	-20.40	Pass
High Channel	-40.27	-0.41	-20.41	Pass

Test Plots

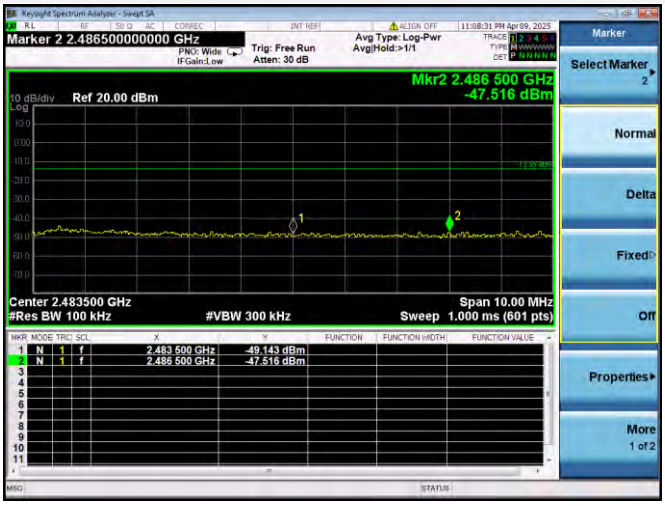
802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE

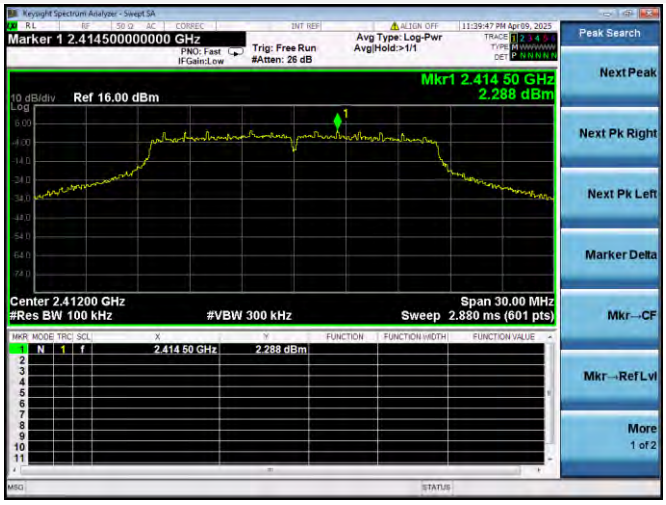


802.11b HIGH CHANNEL, CARRIER LEVEL

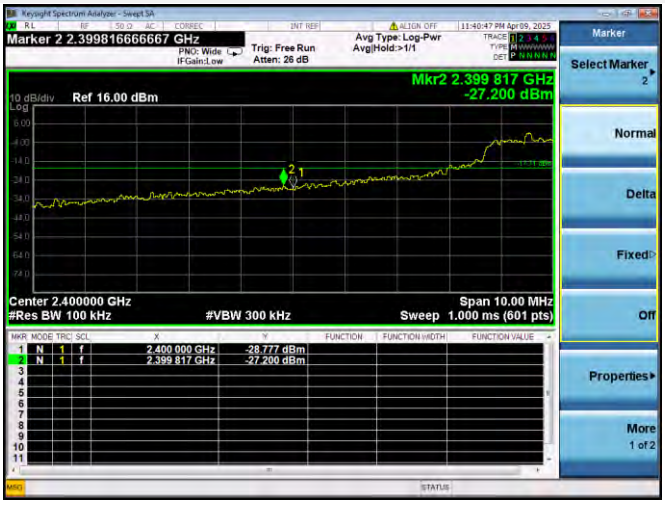
802.11b HIGH CHANNEL, BAND EDGE



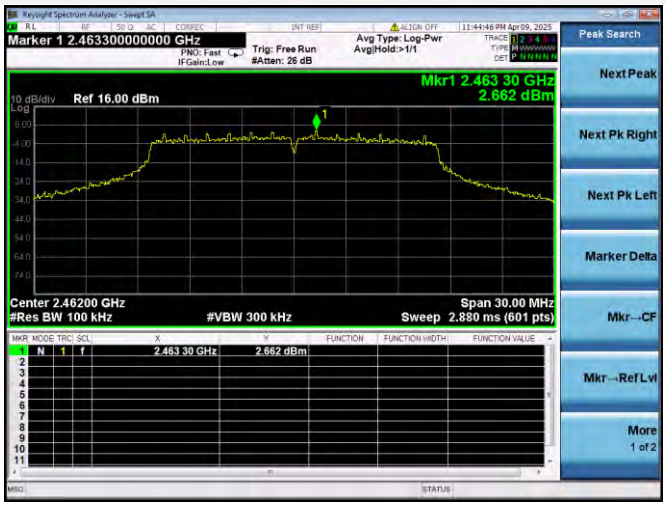
802.11g LOW CHANNEL, CARRIER LEVEL



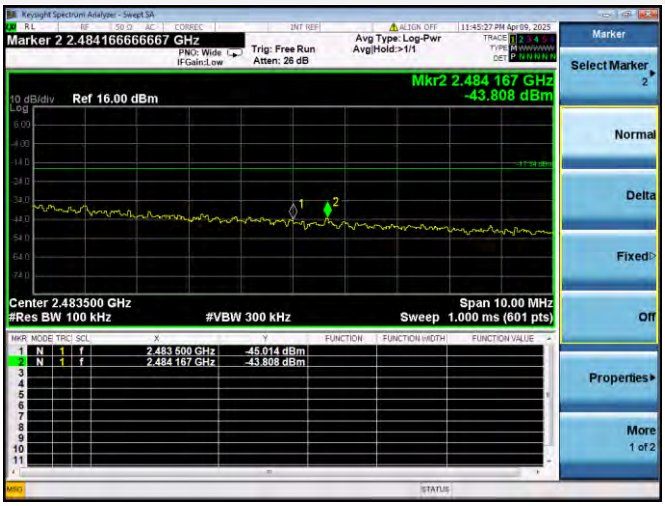
802.11g LOW CHANNEL, BAND EDGE



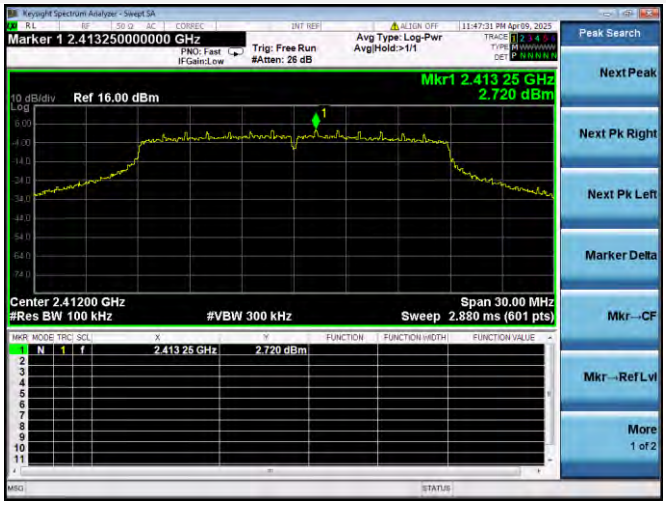
802.11g HIGH CHANNEL, CARRIER LEVEL



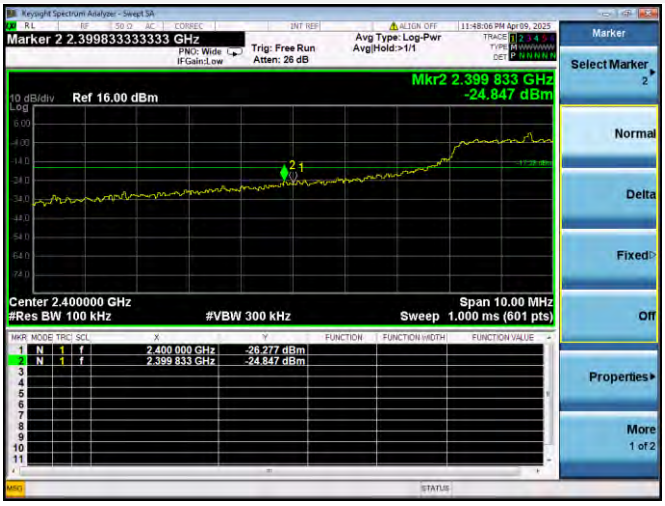
802.11g HIGH CHANNEL, BAND EDGE



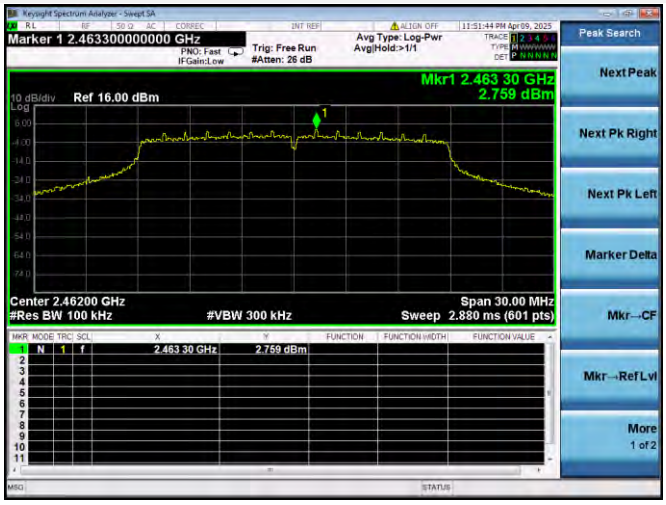
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



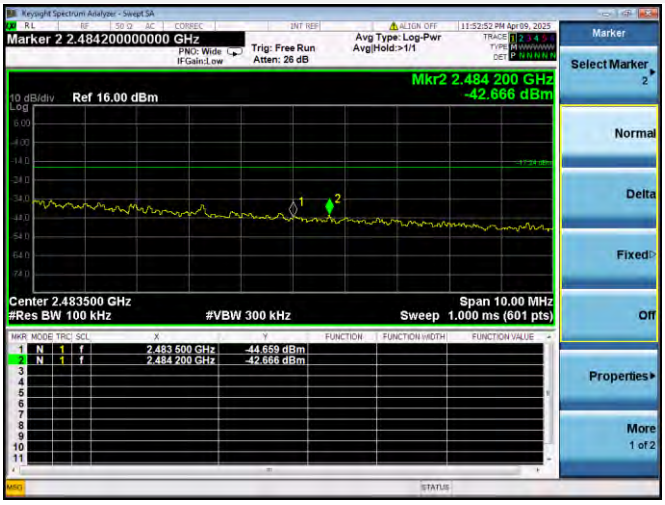
802.11n-20 MHz LOW CHANNEL, BAND EDGE



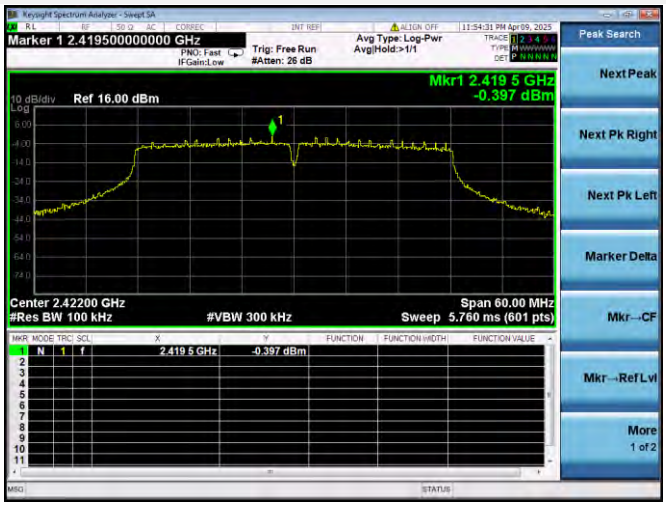
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



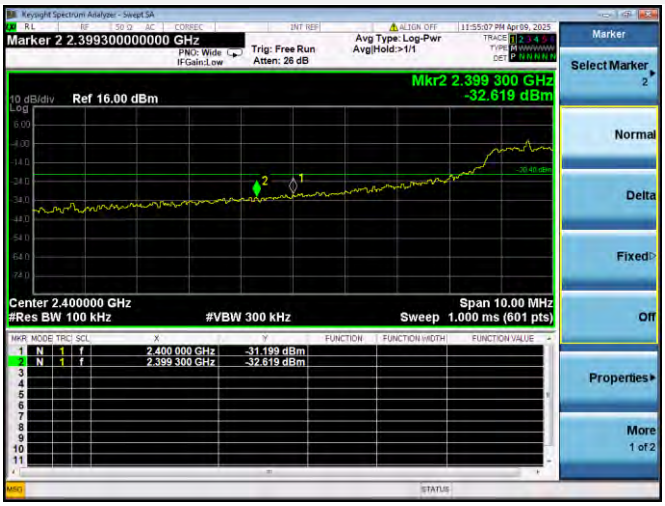
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



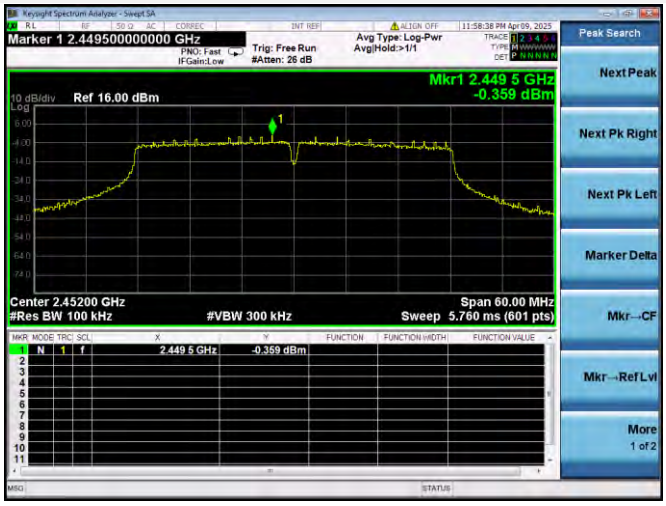
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



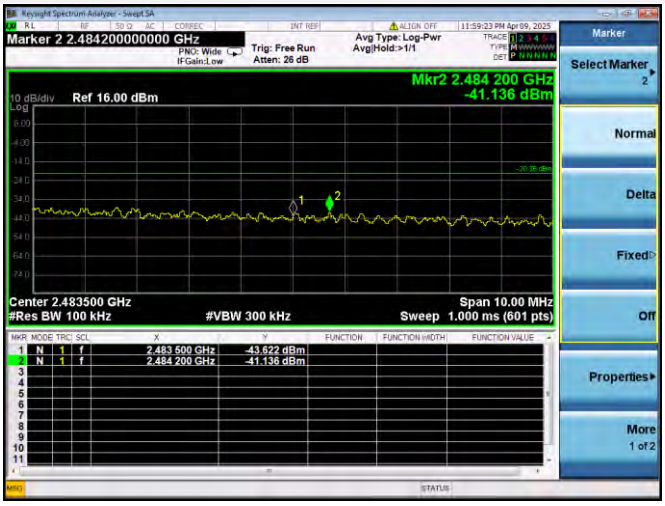
802.11n-40 MHz LOW CHANNEL, BAND EDGE



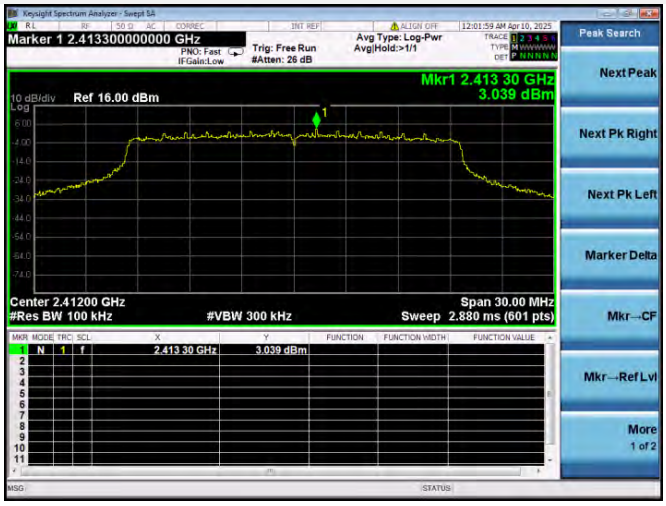
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



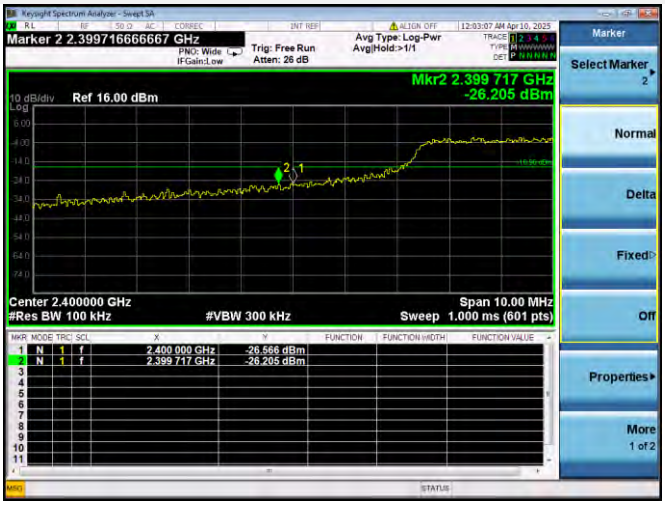
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



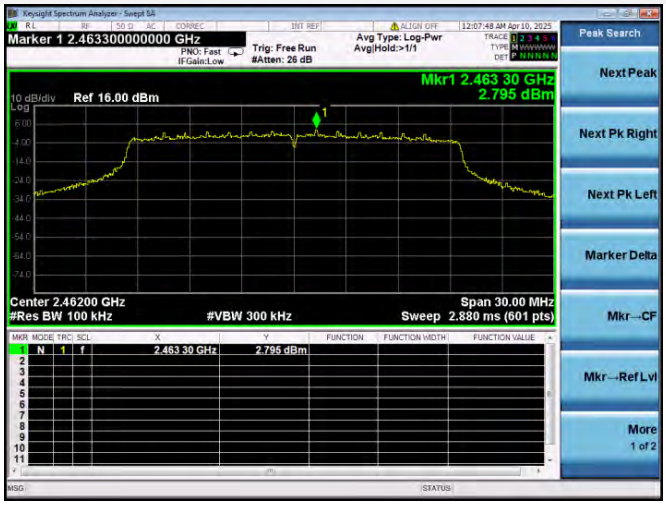
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



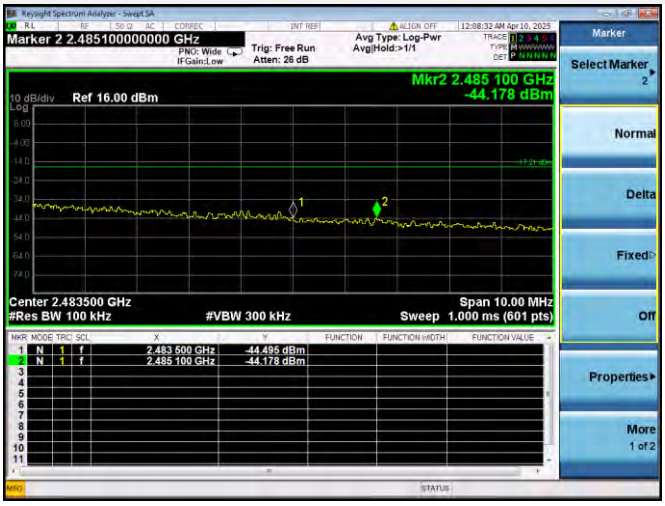
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



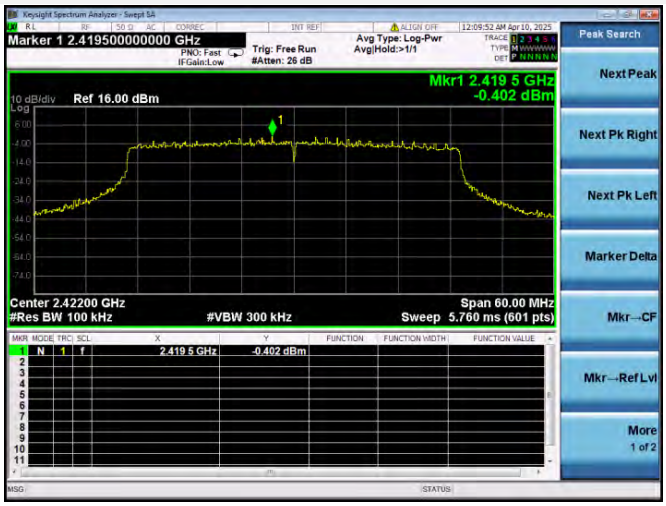
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



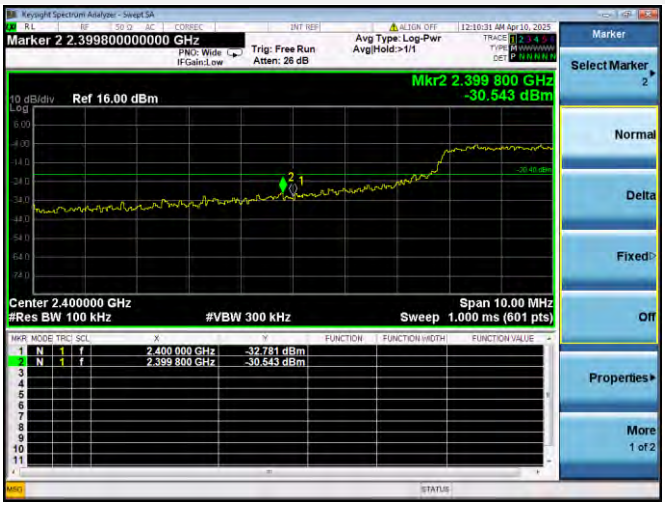
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



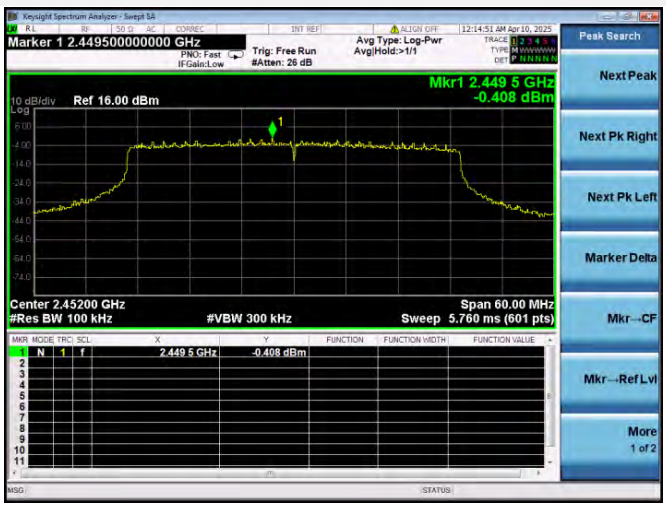
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



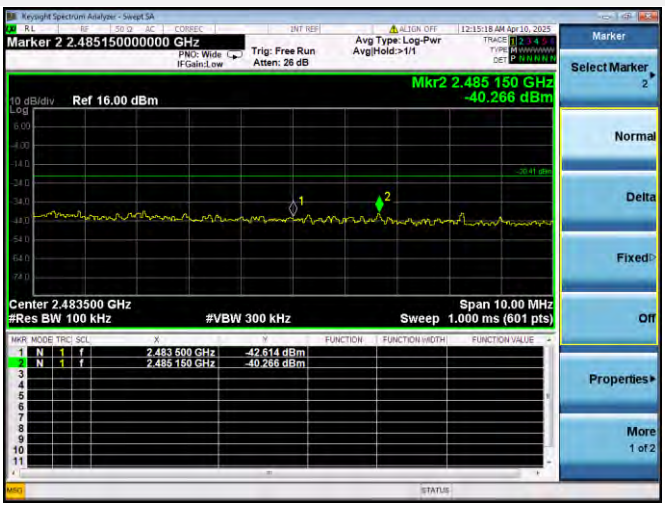
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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.

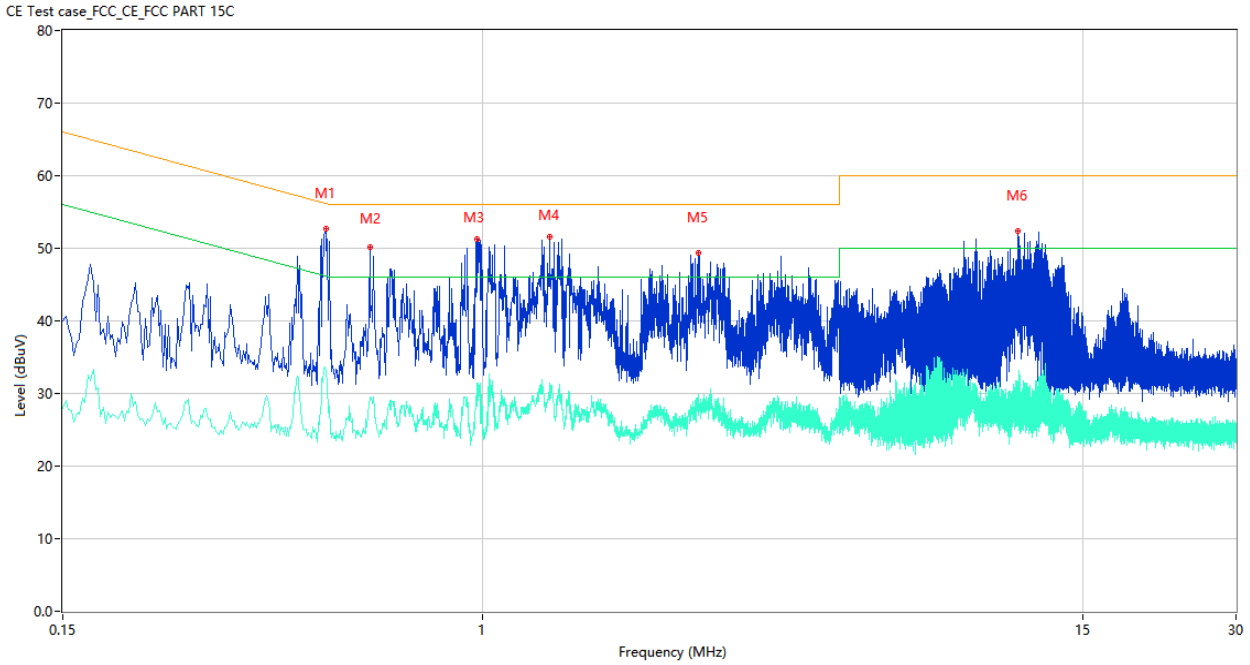
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

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

Replaceable Antenna Model 1: AE1012

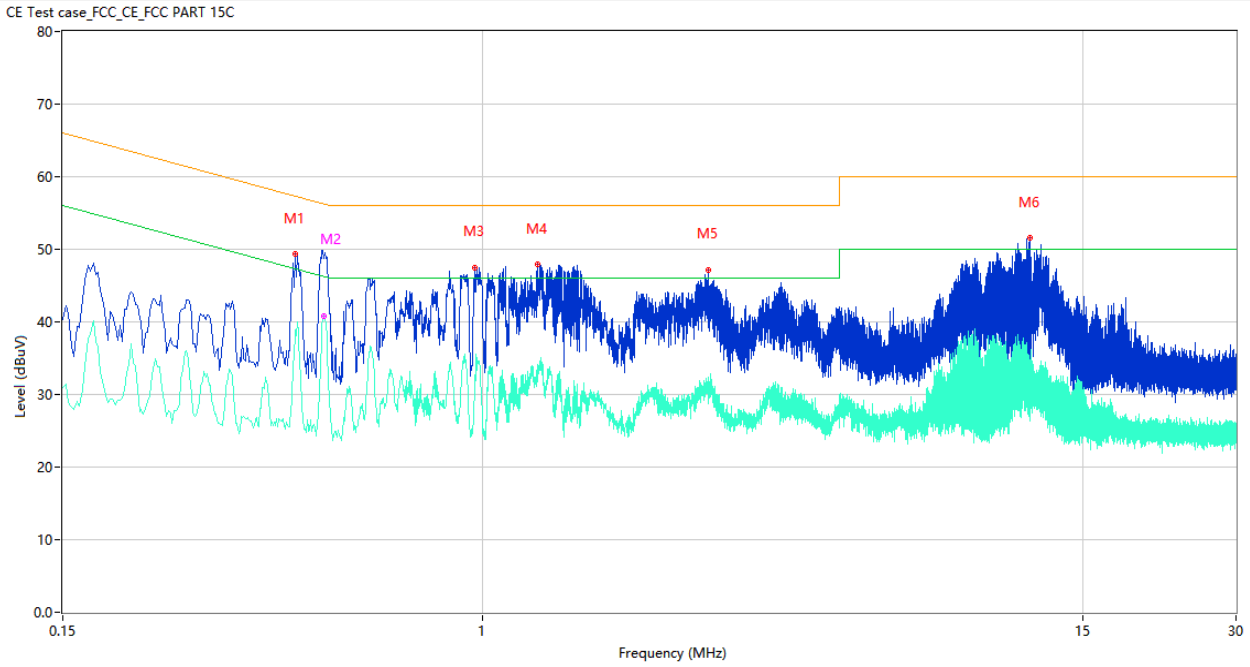
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.492	52.67	9.99	56.13	3.46	Peak	L	Pass
1**	0.492	33.10	9.99	46.13	13.03	AV	L	Pass
2	0.600	50.21	10.16	56.00	5.79	Peak	L	Pass
2**	0.600	29.54	10.16	46.00	16.46	AV	L	Pass
3	0.974	51.23	10.02	56.00	4.77	Peak	L	Pass
3**	0.974	28.28	10.02	46.00	17.72	AV	L	Pass
4	1.352	51.56	10.00	56.00	4.44	Peak	L	Pass
4**	1.352	31.45	10.00	46.00	14.55	AV	L	Pass
5	2.646	49.35	10.20	56.00	6.65	Peak	L	Pass
5**	2.646	29.91	10.20	46.00	16.09	AV	L	Pass
6	11.210	52.34	10.72	60.00	7.66	Peak	L	Pass
6**	11.210	31.51	10.72	50.00	18.49	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.428	49.36	10.26	57.29	7.93	Peak	N	Pass
1**	0.428	38.93	10.26	47.29	8.36	AV	N	Pass
2	0.488	48.77	9.99	56.20	7.43	Peak	N	Pass
2**	0.488	40.86	9.99	46.20	5.34	AV	N	Pass
3	0.962	47.50	10.04	56.00	8.50	Peak	N	Pass
3**	0.962	29.89	10.04	46.00	16.11	AV	N	Pass
4	1.282	47.88	10.49	56.00	8.12	Peak	N	Pass
4**	1.282	34.18	10.49	46.00	11.82	AV	N	Pass
5	2.768	47.21	10.26	56.00	8.79	Peak	N	Pass
5**	2.768	30.12	10.26	46.00	15.88	AV	N	Pass
6	11.842	51.52	10.45	60.00	8.48	Peak	N	Pass
6**	11.842	32.66	10.45	50.00	17.34	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.

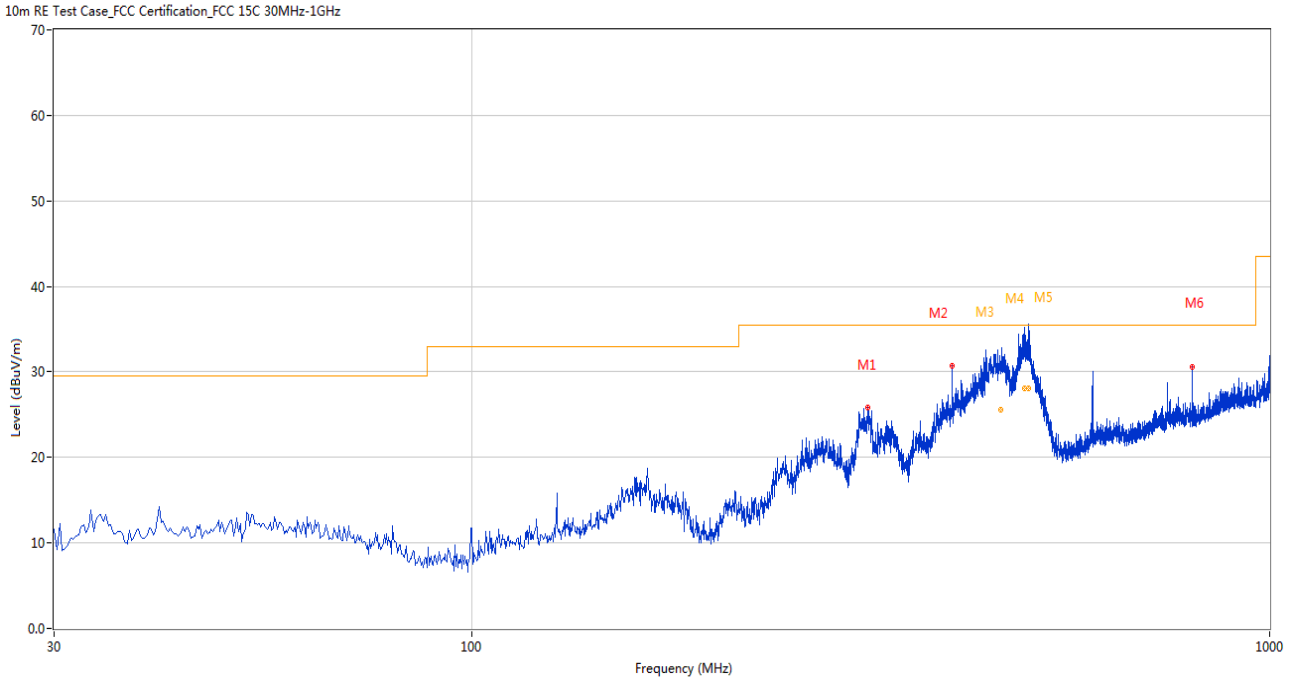
Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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: AE1012

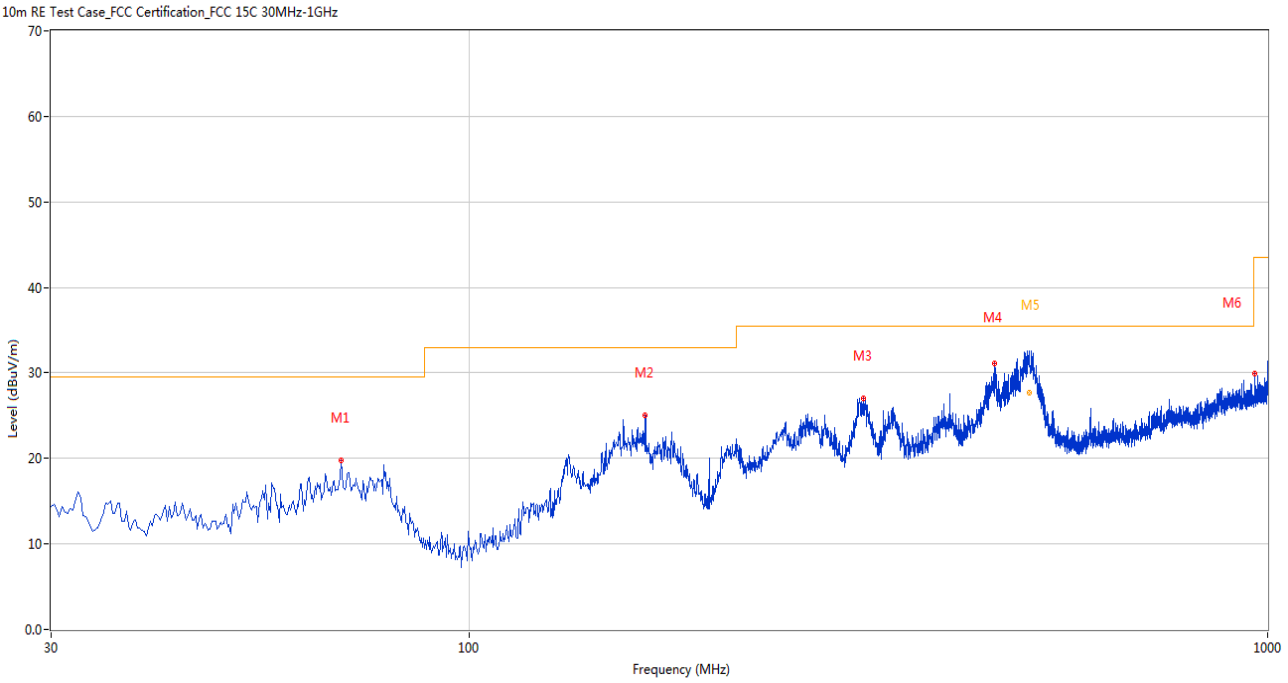
Test Data and Plots

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	313.654	25.88	-24.33	35.5	9.62	Peak	109.00	200	Horizontal	Pass
2	399.963	30.75	-22.39	35.5	4.75	Peak	93.00	200	Horizontal	Pass
3	460.611	31.15	-20.55	35.5	4.35	Peak	276.00	168	Horizontal	N/A
3*	460.611	25.52	-20.55	35.5	9.98	QP	276.00	168	Horizontal	Pass
4	492.727	33.78	-19.51	35.5	1.72	Peak	270.00	190	Horizontal	N/A
4*	492.727	28.12	-19.51	35.5	7.38	QP	270.00	190	Horizontal	Pass
5	499.078	33.31	-19.37	35.5	2.19	Peak	270.00	163	Horizontal	N/A
5*	499.078	28.06	-19.37	35.5	7.44	QP	270.00	163	Horizontal	Pass
6	799.988	30.61	-13.03	35.5	4.89	Peak	205.00	100	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	69.275	19.81	-28.14	29.5	9.69	Peak	232.00	200	Vertical	Pass
2	166.251	25.11	-25.63	33.0	7.89	Peak	270.00	100	Vertical	Pass
3	311.957	27.07	-24.38	35.5	8.43	Peak	246.00	100	Vertical	Pass
4	454.511	31.10	-20.48	35.5	4.40	Peak	190.00	100	Vertical	Pass
5	502.757	32.10	-19.39	35.5	3.40	Peak	137.00	100	Vertical	N/A
5*	502.757	27.74	-19.39	35.5	7.76	QP	137.00	100	Vertical	Pass
6	964.361	29.96	-10.16	43.5	13.54	Peak	350.00	200	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: AE1012

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	1590.000	41.89	74.0	32.11	Peak	2.00	200	Horizontal	Pass
1**	1590.000	32.31	54.0	21.69	AV	2.00	200	Horizontal	Pass
2	2413.400	102.02	74.0	-28.02	Peak	98.00	150	Horizontal	N/A
2**	2413.400	98.76	54.0	-44.76	AV	98.00	150	Horizontal	N/A
3	4824.200	54.55	74.0	19.45	Peak	100.00	150	Horizontal	Pass
3**	4824.200	50.19	54.0	3.81	AV	100.00	150	Horizontal	Pass
4	7235.463	51.02	74.0	22.98	Peak	159.00	150	Horizontal	Pass
4**	7235.463	46.72	54.0	7.28	AV	159.00	150	Horizontal	Pass
5	11330.900	52.26	74.0	21.74	Peak	87.00	300	Horizontal	Pass
5**	11330.900	43.24	54.0	10.76	AV	87.00	300	Horizontal	Pass
6	16097.662	55.53	74.0	18.47	Peak	355.00	200	Horizontal	Pass
6**	16097.662	45.70	54.0	8.30	AV	355.00	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	1328.000	45.37	74.0	28.63	Peak	45.00	400	Vertical	Pass
1**	1328.000	33.79	54.0	20.21	AV	45.00	400	Vertical	Pass
2	2413.500	95.71	74.0	-21.71	Peak	17.00	150	Vertical	N/A
2**	2413.500	92.28	54.0	-38.28	AV	17.00	150	Vertical	N/A
3	4823.800	55.11	74.0	18.89	Peak	353.00	150	Vertical	Pass
3**	4823.800	50.63	54.0	3.37	AV	353.00	150	Vertical	Pass
4	7234.025	51.00	74.0	23.00	Peak	0.00	150	Vertical	Pass
4**	7234.025	45.30	54.0	8.70	AV	0.00	150	Vertical	Pass
5	11324.862	52.73	74.0	21.27	Peak	18.00	100	Vertical	Pass
5**	11324.862	43.01	54.0	10.99	AV	18.00	100	Vertical	Pass
6	16130.213	54.86	74.0	19.14	Peak	151.00	150	Vertical	Pass
6**	16130.213	45.53	54.0	8.47	AV	151.00	150	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	1561.800	42.17	74.0	31.83	Peak	145.00	100	Horizontal	Pass
1**	1561.800	32.89	54.0	21.11	AV	145.00	100	Horizontal	Pass
2	2435.600	99.93	74.0	-25.93	Peak	104.00	100	Horizontal	N/A
2**	2435.600	96.44	54.0	-42.44	AV	104.00	100	Horizontal	N/A
3	4874.000	51.80	74.0	22.20	Peak	103.00	150	Horizontal	Pass
3**	4874.000	47.49	54.0	6.51	AV	103.00	150	Horizontal	Pass
4	6792.200	55.17	74.0	18.83	Peak	348.00	300	Horizontal	Pass
4**	6792.200	46.08	54.0	7.92	AV	348.00	300	Horizontal	Pass
5	7312.800	48.33	74.0	25.67	Peak	222.00	150	Horizontal	Pass
5**	7312.800	44.00	54.0	10.00	AV	222.00	150	Horizontal	Pass
6	11336.075	52.34	74.0	21.66	Peak	134.00	100	Horizontal	Pass
6**	11336.075	42.66	54.0	11.34	AV	134.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	43.04	74.0	30.96	Peak	51.00	100	Vertical	Pass
1**	1329.500	34.01	54.0	19.99	AV	51.00	100	Vertical	Pass
2	2435.700	93.16	74.0	-19.16	Peak	19.00	200	Vertical	N/A
2**	2435.700	89.47	54.0	-35.47	AV	19.00	200	Vertical	N/A
3	4874.000	54.25	74.0	19.75	Peak	348.00	150	Vertical	Pass
3**	4874.000	49.79	54.0	4.21	AV	348.00	150	Vertical	Pass
4	4874.200	53.35	74.0	20.65	Peak	337.00	150	Vertical	Pass
4**	4874.200	50.39	54.0	3.61	AV	337.00	150	Vertical	Pass
5	11210.150	52.00	74.0	22.00	Peak	240.00	400	Vertical	Pass
5**	11210.150	42.66	54.0	11.34	AV	240.00	400	Vertical	Pass
6	16918.761	54.65	74.0	19.35	Peak	104.00	100	Vertical	Pass
6**	16918.761	43.80	54.0	10.20	AV	104.00	100	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	1414.600	41.97	74.0	32.03	Peak	164.00	200	Horizontal	Pass
1**	1414.600	32.23	54.0	21.77	AV	164.00	200	Horizontal	Pass
2	2463.300	98.95	74.0	-24.95	Peak	11.00	150	Horizontal	N/A
2**	2463.300	95.55	54.0	-41.55	AV	11.00	150	Horizontal	N/A
3	4924.400	51.94	74.0	22.06	Peak	9.00	150	Horizontal	Pass
3**	4924.400	48.04	54.0	5.96	AV	9.00	150	Horizontal	Pass
4	7384.675	51.81	74.0	22.19	Peak	345.00	150	Horizontal	Pass
4**	7384.675	47.70	54.0	6.30	AV	345.00	150	Horizontal	Pass
5	11766.750	52.42	74.0	21.58	Peak	238.00	200	Horizontal	Pass
5**	11766.750	42.55	54.0	11.45	AV	238.00	200	Horizontal	Pass
6	17386.801	55.23	74.0	18.77	Peak	78.00	200	Horizontal	Pass
6**	17386.801	46.51	54.0	7.49	AV	78.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.100	44.00	74.0	30.00	Peak	99.00	100	Vertical	Pass
1**	1327.100	31.98	54.0	22.02	AV	99.00	100	Vertical	Pass
2	2460.500	92.32	74.0	-18.32	Peak	128.00	100	Vertical	N/A
2**	2460.500	88.87	54.0	-34.87	AV	128.00	100	Vertical	N/A
3	4924.000	52.48	74.0	21.52	Peak	266.00	150	Vertical	Pass
3**	4924.000	48.69	54.0	5.31	AV	266.00	150	Vertical	Pass
4	4924.200	52.69	74.0	21.31	Peak	244.00	150	Vertical	Pass
4**	4924.200	48.38	54.0	5.62	AV	244.00	150	Vertical	Pass
5	7387.550	49.96	74.0	24.04	Peak	39.00	150	Vertical	Pass
5**	7387.550	45.16	54.0	8.84	AV	39.00	150	Vertical	Pass
6	17437.725	55.15	74.0	18.85	Peak	75.00	200	Vertical	Pass
6**	17437.725	45.72	54.0	8.28	AV	75.00	200	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	1042.200	42.49	74.0	31.51	Peak	147.00	100	Horizontal	Pass
1**	1042.200	30.88	54.0	23.12	AV	147.00	100	Horizontal	Pass
2	2417.100	96.50	74.0	-22.50	Peak	9.00	200	Horizontal	N/A
2**	2417.100	89.81	54.0	-35.81	AV	9.00	200	Horizontal	N/A
3	4810.400	52.17	74.0	21.83	Peak	223.00	200	Horizontal	Pass
3**	4810.400	42.46	54.0	11.54	AV	223.00	200	Horizontal	Pass
4	6988.400	54.81	74.0	19.19	Peak	223.00	300	Horizontal	Pass
4**	6988.400	46.55	54.0	7.45	AV	223.00	300	Horizontal	Pass
5	11807.575	52.33	74.0	21.67	Peak	56.00	300	Horizontal	Pass
5**	11807.575	42.98	54.0	11.02	AV	56.00	300	Horizontal	Pass
6	17431.425	55.33	74.0	18.67	Peak	75.00	200	Horizontal	Pass
6**	17431.425	45.65	54.0	8.35	AV	75.00	200	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	1399.800	43.43	74.0	30.57	Peak	99.00	300	Vertical	Pass
1**	1399.800	35.29	54.0	18.71	AV	99.00	300	Vertical	Pass
2	2417.200	90.04	74.0	-16.04	Peak	278.00	100	Vertical	N/A
2**	2417.200	83.12	54.0	-29.12	AV	278.00	100	Vertical	N/A
3	4720.000	51.68	74.0	22.32	Peak	56.00	100	Vertical	Pass
3**	4720.000	41.34	54.0	12.66	AV	56.00	100	Vertical	Pass
4	6977.600	55.06	74.0	18.94	Peak	45.00	100	Vertical	Pass
4**	6977.600	46.25	54.0	7.75	AV	45.00	100	Vertical	Pass
5	11938.962	52.42	74.0	21.58	Peak	345.00	300	Vertical	Pass
5**	11938.962	42.18	54.0	11.82	AV	345.00	300	Vertical	Pass
6	17427.225	55.07	74.0	18.93	Peak	17.00	200	Vertical	Pass
6**	17427.225	44.37	54.0	9.63	AV	17.00	200	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	1414.500	41.99	74.0	32.01	Peak	224.00	300	Horizontal	Pass
1**	1414.500	32.56	54.0	21.44	AV	224.00	300	Horizontal	Pass
2	2434.100	96.31	74.0	-22.31	Peak	16.00	150	Horizontal	N/A
2**	2434.100	90.33	54.0	-36.33	AV	16.00	150	Horizontal	N/A
3	4970.200	51.84	74.0	22.16	Peak	0.00	200	Horizontal	Pass
3**	4970.200	41.77	54.0	12.23	AV	0.00	200	Horizontal	Pass
4	6802.200	54.79	74.0	19.21	Peak	222.00	300	Horizontal	Pass
4**	6802.200	45.15	54.0	8.85	AV	222.00	300	Horizontal	Pass
5	11912.225	51.82	74.0	22.18	Peak	0.00	100	Horizontal	Pass
5**	11912.225	43.10	54.0	10.90	AV	0.00	100	Horizontal	Pass
6	17321.175	55.23	74.0	18.77	Peak	360.00	200	Horizontal	Pass
6**	17321.175	44.60	54.0	9.40	AV	360.00	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	1326.900	42.68	74.0	31.32	Peak	122.00	300	Vertical	Pass
1**	1326.900	32.23	54.0	21.77	AV	122.00	300	Vertical	Pass
2	2434.100	90.19	74.0	-16.19	Peak	109.00	100	Vertical	N/A
2**	2434.100	84.04	54.0	-30.04	AV	109.00	100	Vertical	N/A
3	4873.800	50.25	74.0	23.75	Peak	256.00	150	Vertical	Pass
3**	4873.800	45.44	54.0	8.56	AV	256.00	150	Vertical	Pass
4	5315.200	55.87	74.0	18.13	Peak	89.00	300	Vertical	Pass
4**	5315.200	42.71	54.0	11.29	AV	89.00	300	Vertical	Pass
5	11929.187	51.75	74.0	22.25	Peak	112.00	200	Vertical	Pass
5**	11929.187	42.60	54.0	11.40	AV	112.00	200	Vertical	Pass
6	17428.275	55.08	74.0	18.92	Peak	268.00	100	Vertical	Pass
6**	17428.275	47.00	54.0	7.00	AV	268.00	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	1506.900	42.38	74.0	31.62	Peak	323.00	300	Horizontal	Pass
1**	1506.900	32.26	54.0	21.74	AV	323.00	300	Horizontal	Pass
2	2467.200	94.98	74.0	-20.98	Peak	18.00	150	Horizontal	N/A
2**	2467.200	88.44	54.0	-34.44	AV	18.00	150	Horizontal	N/A
3	4876.200	51.53	74.0	22.47	Peak	253.00	200	Horizontal	Pass
3**	4876.200	42.83	54.0	11.17	AV	253.00	200	Horizontal	Pass
4	6507.800	55.13	74.0	18.87	Peak	301.00	200	Horizontal	Pass
4**	6507.800	44.73	54.0	9.27	AV	301.00	200	Horizontal	Pass
5	11336.651	52.10	74.0	21.90	Peak	70.00	300	Horizontal	Pass
5**	11336.651	43.30	54.0	10.70	AV	70.00	300	Horizontal	Pass
6	17438.775	55.29	74.0	18.71	Peak	236.00	200	Horizontal	Pass
6**	17438.775	45.99	54.0	8.01	AV	236.00	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	1332.300	43.00	74.0	31.00	Peak	167.00	400	Vertical	Pass
1**	1332.300	33.10	54.0	20.90	AV	167.00	400	Vertical	Pass
2	2467.200	88.27	74.0	-14.27	Peak	308.00	150	Vertical	N/A
2**	2467.200	81.42	54.0	-27.42	AV	308.00	150	Vertical	N/A
3	4809.400	51.32	74.0	22.68	Peak	360.00	150	Vertical	Pass
3**	4809.400	42.36	54.0	11.64	AV	360.00	150	Vertical	Pass
4	6789.600	54.44	74.0	19.56	Peak	327.00	100	Vertical	Pass
4**	6789.600	45.49	54.0	8.51	AV	327.00	100	Vertical	Pass
5	11950.463	52.09	74.0	21.91	Peak	360.00	400	Vertical	Pass
5**	11950.463	42.34	54.0	11.66	AV	360.00	400	Vertical	Pass
6	15202.800	55.46	74.0	18.54	Peak	297.00	300	Vertical	Pass
6**	15202.800	44.97	54.0	9.03	AV	297.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.300	42.01	74.0	31.99	Peak	276.00	300	Horizontal	Pass
1**	1539.300	32.34	54.0	21.66	AV	276.00	300	Horizontal	Pass
2	2404.600	98.96	74.0	-24.96	Peak	22.00	150	Horizontal	N/A
2**	2404.600	92.99	54.0	-38.99	AV	22.00	150	Horizontal	N/A
3	4812.200	52.26	74.0	21.74	Peak	328.00	150	Horizontal	Pass
3**	4812.200	42.76	54.0	11.24	AV	328.00	150	Horizontal	Pass
4	7232.300	50.32	74.0	23.68	Peak	360.00	150	Horizontal	Pass
4**	7232.300	45.14	54.0	8.86	AV	360.00	150	Horizontal	Pass
5	11786.299	52.31	74.0	21.69	Peak	86.00	100	Horizontal	Pass
5**	11786.299	42.77	54.0	11.23	AV	86.00	100	Horizontal	Pass
6	17377.614	54.81	74.0	19.19	Peak	298.00	400	Horizontal	Pass
6**	17377.614	45.55	54.0	8.45	AV	298.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	43.29	74.0	30.71	Peak	106.00	400	Vertical	Pass
1**	1328.000	34.57	54.0	19.43	AV	106.00	400	Vertical	Pass
2	2404.600	92.38	74.0	-18.38	Peak	277.00	100	Vertical	N/A
2**	2404.600	86.32	54.0	-32.32	AV	277.00	100	Vertical	N/A
3	4718.600	51.98	74.0	22.02	Peak	204.00	150	Vertical	Pass
3**	4718.600	41.32	54.0	12.68	AV	204.00	150	Vertical	Pass
4	6807.200	54.55	74.0	19.45	Peak	115.00	400	Vertical	Pass
4**	6807.200	46.17	54.0	7.83	AV	115.00	400	Vertical	Pass
5	12811.688	51.88	74.0	22.12	Peak	280.00	300	Vertical	Pass
5**	12811.688	42.73	54.0	11.27	AV	280.00	300	Vertical	Pass
6	16100.287	54.98	74.0	19.02	Peak	159.00	200	Vertical	Pass
6**	16100.287	45.63	54.0	8.37	AV	159.00	200	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	1586.600	41.99	74.0	32.01	Peak	88.00	200	Horizontal	Pass
1**	1586.600	32.62	54.0	21.38	AV	88.00	200	Horizontal	Pass
2	2434.800	98.53	74.0	-24.53	Peak	12.00	200	Horizontal	N/A
2**	2434.800	91.91	54.0	-37.91	AV	12.00	200	Horizontal	N/A
3	4876.200	51.69	74.0	22.31	Peak	351.00	150	Horizontal	Pass
3**	4876.200	46.57	54.0	7.43	AV	351.00	150	Horizontal	Pass
4	7319.125	50.74	74.0	23.26	Peak	0.00	150	Horizontal	Pass
4**	7319.125	45.59	54.0	8.41	AV	0.00	150	Horizontal	Pass
5	11333.775	52.90	74.0	21.10	Peak	178.00	300	Horizontal	Pass
5**	11333.775	42.68	54.0	11.32	AV	178.00	300	Horizontal	Pass
6	17440.612	55.36	74.0	18.64	Peak	145.00	300	Horizontal	Pass
6**	17440.612	46.13	54.0	7.87	AV	145.00	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	1330.700	43.72	74.0	30.28	Peak	113.00	200	Vertical	Pass
1**	1330.700	33.29	54.0	20.71	AV	113.00	200	Vertical	Pass
2	2434.800	92.18	74.0	-18.18	Peak	113.00	200	Vertical	N/A
2**	2434.800	85.54	54.0	-31.54	AV	113.00	200	Vertical	N/A
3	4876.000	51.81	74.0	22.19	Peak	237.00	150	Vertical	Pass
3**	4876.000	47.36	54.0	6.64	AV	237.00	150	Vertical	Pass
4	4876.400	54.71	74.0	19.29	Peak	237.00	200	Vertical	Pass
4**	4876.400	47.01	54.0	6.99	AV	237.00	200	Vertical	Pass
5	7307.913	50.14	74.0	23.86	Peak	83.00	150	Vertical	Pass
5**	7307.913	43.77	54.0	10.23	AV	83.00	150	Vertical	Pass
6	11903.025	52.14	74.0	21.86	Peak	291.00	100	Vertical	Pass
6**	11903.025	41.97	54.0	12.03	AV	291.00	100	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	1317.900	42.65	74.0	31.35	Peak	0.00	400	Horizontal	Pass
1**	1317.900	32.19	54.0	21.81	AV	0.00	400	Horizontal	Pass
2	2459.700	96.97	74.0	-22.97	Peak	16.00	200	Horizontal	N/A
2**	2459.700	90.76	54.0	-36.76	AV	16.00	200	Horizontal	N/A
3	4926.200	51.56	74.0	22.44	Peak	129.00	150	Horizontal	Pass
3**	4926.200	45.58	54.0	8.42	AV	129.00	150	Horizontal	Pass
4	7382.950	51.97	74.0	22.03	Peak	107.00	150	Horizontal	Pass
4**	7382.950	45.83	54.0	8.17	AV	107.00	150	Horizontal	Pass
5	10918.050	52.11	74.0	21.89	Peak	146.00	300	Horizontal	Pass
5**	10918.050	42.63	54.0	11.37	AV	146.00	300	Horizontal	Pass
6	16383.263	54.66	74.0	19.34	Peak	24.00	300	Horizontal	Pass
6**	16383.263	44.40	54.0	9.60	AV	24.00	300	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	1331.300	42.95	74.0	31.05	Peak	119.00	200	Vertical	Pass
1**	1331.300	31.56	54.0	22.44	AV	119.00	200	Vertical	Pass
2	2454.600	90.42	74.0	-16.42	Peak	138.00	100	Vertical	N/A
2**	2454.600	84.43	54.0	-30.43	AV	138.00	100	Vertical	N/A
3	4924.800	51.88	74.0	22.12	Peak	247.00	200	Vertical	Pass
3**	4924.800	43.73	54.0	10.27	AV	247.00	200	Vertical	Pass
4	7382.950	50.35	74.0	23.65	Peak	104.00	150	Vertical	Pass
4**	7382.950	44.74	54.0	9.26	AV	104.00	150	Vertical	Pass
5	12403.276	52.45	74.0	21.55	Peak	313.00	200	Vertical	Pass
5**	12403.276	42.63	54.0	11.37	AV	313.00	200	Vertical	Pass
6	15246.638	55.34	74.0	18.66	Peak	0.00	100	Vertical	Pass
6**	15246.638	45.33	54.0	8.67	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.000	42.27	74.0	31.73	Peak	309.00	400	Horizontal	Pass
1**	1537.000	32.71	54.0	21.29	AV	309.00	400	Horizontal	Pass
2	2414.500	92.21	74.0	-18.21	Peak	16.00	150	Horizontal	N/A
2**	2414.500	86.08	54.0	-32.08	AV	16.00	150	Horizontal	N/A
3	4847.400	51.28	74.0	22.72	Peak	45.00	100	Horizontal	Pass
3**	4847.400	42.00	54.0	12.00	AV	45.00	100	Horizontal	Pass
4	6993.000	54.66	74.0	19.34	Peak	329.00	100	Horizontal	Pass
4**	6993.000	46.56	54.0	7.44	AV	329.00	100	Horizontal	Pass
5	10927.537	52.42	74.0	21.58	Peak	360.00	400	Horizontal	Pass
5**	10927.537	42.59	54.0	11.41	AV	360.00	400	Horizontal	Pass
6	16891.463	55.08	74.0	18.92	Peak	280.00	400	Horizontal	Pass
6**	16891.463	44.84	54.0	9.16	AV	280.00	400	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	1331.900	42.56	74.0	31.44	Peak	10.00	100	Vertical	Pass
1**	1331.900	33.02	54.0	20.98	AV	10.00	100	Vertical	Pass
2	2414.500	85.91	74.0	-11.91	Peak	285.00	100	Vertical	N/A
2**	2414.500	79.67	54.0	-25.67	AV	285.00	100	Vertical	N/A
3	4806.400	51.89	74.0	22.11	Peak	0.00	150	Vertical	Pass
3**	4806.400	42.18	54.0	11.82	AV	0.00	150	Vertical	Pass
4	6973.400	54.36	74.0	19.64	Peak	170.00	200	Vertical	Pass
4**	6973.400	45.43	54.0	8.57	AV	170.00	200	Vertical	Pass
5	10920.350	52.24	74.0	21.76	Peak	89.00	100	Vertical	Pass
5**	10920.350	42.46	54.0	11.54	AV	89.00	100	Vertical	Pass
6	16854.713	55.06	74.0	18.94	Peak	0.00	100	Vertical	Pass
6**	16854.713	45.20	54.0	8.80	AV	0.00	100	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	1553.300	41.70	74.0	32.30	Peak	278.00	400	Horizontal	Pass
1**	1553.300	33.45	54.0	20.55	AV	278.00	400	Horizontal	Pass
2	2434.800	94.89	74.0	-20.89	Peak	9.00	200	Horizontal	N/A
2**	2434.800	88.71	54.0	-34.71	AV	9.00	200	Horizontal	N/A
3	4940.000	51.25	74.0	22.75	Peak	0.00	150	Horizontal	Pass
3**	4940.000	41.64	54.0	12.36	AV	0.00	150	Horizontal	Pass
4	6810.200	54.99	74.0	19.01	Peak	304.00	400	Horizontal	Pass
4**	6810.200	45.76	54.0	8.24	AV	304.00	400	Horizontal	Pass
5	11827.700	51.47	74.0	22.53	Peak	0.00	300	Horizontal	Pass
5**	11827.700	42.34	54.0	11.66	AV	0.00	300	Horizontal	Pass
6	17420.136	55.03	74.0	18.97	Peak	281.00	300	Horizontal	Pass
6**	17420.136	45.95	54.0	8.05	AV	281.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	44.41	74.0	29.59	Peak	156.00	100	Vertical	Pass
1**	1329.900	36.02	54.0	17.98	AV	156.00	100	Vertical	Pass
2	2420.900	88.56	74.0	-14.56	Peak	285.00	150	Vertical	N/A
2**	2420.900	82.27	54.0	-28.27	AV	285.00	150	Vertical	N/A
3	5328.800	53.64	74.0	20.36	Peak	93.00	150	Vertical	Pass
3**	5328.800	44.57	54.0	9.43	AV	93.00	150	Vertical	Pass
4	6806.600	54.63	74.0	19.37	Peak	315.00	400	Vertical	Pass
4**	6806.600	46.66	54.0	7.34	AV	315.00	400	Vertical	Pass
5	11836.900	52.07	74.0	21.93	Peak	332.00	100	Vertical	Pass
5**	11836.900	42.17	54.0	11.83	AV	332.00	100	Vertical	Pass
6	16972.313	55.09	74.0	18.91	Peak	360.00	200	Vertical	Pass
6**	16972.313	43.87	54.0	10.13	AV	360.00	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	1544.500	42.02	74.0	31.98	Peak	288.00	400	Horizontal	Pass
1**	1544.500	32.44	54.0	21.56	AV	288.00	400	Horizontal	Pass
2	2436.000	94.95	74.0	-20.95	Peak	9.00	200	Horizontal	N/A
2**	2436.000	89.17	54.0	-35.17	AV	9.00	200	Horizontal	N/A
3	4812.400	51.65	74.0	22.35	Peak	205.00	150	Horizontal	Pass
3**	4812.400	41.96	54.0	12.04	AV	205.00	150	Horizontal	Pass
4	6985.000	55.13	74.0	18.87	Peak	168.00	100	Horizontal	Pass
4**	6985.000	45.85	54.0	8.15	AV	168.00	100	Horizontal	Pass
5	11764.737	52.12	74.0	21.88	Peak	346.00	200	Horizontal	Pass
5**	11764.737	42.88	54.0	11.12	AV	346.00	200	Horizontal	Pass
6	17466.337	55.18	74.0	18.82	Peak	153.00	200	Horizontal	Pass
6**	17466.337	45.77	54.0	8.23	AV	153.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	42.19	74.0	31.81	Peak	183.00	200	Vertical	Pass
1**	1332.500	35.33	54.0	18.67	AV	183.00	200	Vertical	Pass
2	2436.000	88.62	74.0	-14.62	Peak	116.00	100	Vertical	N/A
2**	2436.000	82.67	54.0	-28.67	AV	116.00	100	Vertical	N/A
3	4823.400	51.92	74.0	22.08	Peak	175.00	150	Vertical	Pass
3**	4823.400	42.93	54.0	11.07	AV	175.00	150	Vertical	Pass
4	6806.200	54.49	74.0	19.51	Peak	29.00	100	Vertical	Pass
4**	6806.200	45.94	54.0	8.06	AV	29.00	100	Vertical	Pass
5	11771.350	52.03	74.0	21.97	Peak	360.00	100	Vertical	Pass
5**	11771.350	42.77	54.0	11.23	AV	360.00	100	Vertical	Pass
6	16302.412	54.63	74.0	19.37	Peak	43.00	100	Vertical	Pass
6**	16302.412	44.73	54.0	9.27	AV	43.00	100	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	1327.700	42.93	74.0	31.07	Peak	269.00	400	Horizontal	Pass
1**	1327.700	32.52	54.0	21.48	AV	269.00	400	Horizontal	Pass
2	2408.300	100.68	74.0	-26.68	Peak	24.00	150	Horizontal	N/A
2**	2408.300	92.50	54.0	-38.50	AV	24.00	150	Horizontal	N/A
3	4823.400	52.13	74.0	21.87	Peak	0.00	100	Horizontal	Pass
3**	4823.400	43.99	54.0	10.01	AV	0.00	100	Horizontal	Pass
4	4824.000	51.45	74.0	22.55	Peak	158.00	150	Horizontal	Pass
4**	4824.000	45.58	54.0	8.42	AV	158.00	150	Horizontal	Pass
5	10937.026	52.16	74.0	21.84	Peak	14.00	100	Horizontal	Pass
5**	10937.026	41.60	54.0	12.40	AV	14.00	100	Horizontal	Pass
6	17418.301	55.28	74.0	18.72	Peak	34.00	200	Horizontal	Pass
6**	17418.301	45.90	54.0	8.10	AV	34.00	200	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	1329.400	43.73	74.0	30.27	Peak	115.00	100	Vertical	Pass
1**	1329.400	34.61	54.0	19.39	AV	115.00	100	Vertical	Pass
2	2408.300	94.20	74.0	-20.20	Peak	278.00	200	Vertical	N/A
2**	2408.300	85.80	54.0	-31.80	AV	278.00	200	Vertical	N/A
3	4824.000	51.10	74.0	22.90	Peak	238.00	150	Vertical	Pass
3**	4824.000	45.96	54.0	8.04	AV	238.00	150	Vertical	Pass
4	6980.600	54.95	74.0	19.05	Peak	263.00	200	Vertical	Pass
4**	6980.600	45.67	54.0	8.33	AV	263.00	200	Vertical	Pass
5	12783.600	52.38	74.0	21.62	Peak	143.00	300	Vertical	Pass
5**	12783.600	41.91	54.0	12.09	AV	143.00	300	Vertical	Pass
6	17424.863	55.30	74.0	18.70	Peak	304.00	400	Vertical	Pass
6**	17424.863	45.98	54.0	8.02	AV	304.00	400	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	1486.300	41.92	74.0	32.08	Peak	241.00	200	Horizontal	Pass
1**	1486.300	32.19	54.0	21.81	AV	241.00	200	Horizontal	Pass
2	2433.300	100.42	74.0	-26.42	Peak	9.00	100	Horizontal	N/A
2**	2433.300	91.67	54.0	-37.67	AV	9.00	100	Horizontal	N/A
3	4873.000	50.39	74.0	23.61	Peak	82.00	150	Horizontal	Pass
3**	4873.000	45.29	54.0	8.71	AV	82.00	150	Horizontal	Pass
4	7310.500	49.90	74.0	24.10	Peak	353.00	150	Horizontal	Pass
4**	7310.500	45.13	54.0	8.87	AV	353.00	150	Horizontal	Pass
5	10918.625	52.05	74.0	21.95	Peak	234.00	200	Horizontal	Pass
5**	10918.625	43.93	54.0	10.07	AV	234.00	200	Horizontal	Pass
6	17425.650	54.84	74.0	19.16	Peak	226.00	200	Horizontal	Pass
6**	17425.650	46.30	54.0	7.70	AV	226.00	200	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	1329.000	43.90	74.0	30.10	Peak	184.00	300	Vertical	Pass
1**	1329.000	35.53	54.0	18.47	AV	184.00	300	Vertical	Pass
2	2433.300	93.87	74.0	-19.87	Peak	112.00	200	Vertical	N/A
2**	2433.300	85.47	54.0	-31.47	AV	112.00	200	Vertical	N/A
3	4873.400	51.38	74.0	22.62	Peak	253.00	150	Vertical	Pass
3**	4873.400	46.73	54.0	7.27	AV	253.00	150	Vertical	Pass
4	4877.000	53.33	74.0	20.67	Peak	242.00	100	Vertical	Pass
4**	4877.000	45.39	54.0	8.61	AV	242.00	100	Vertical	Pass
5	12862.612	51.83	74.0	22.17	Peak	0.00	400	Vertical	Pass
5**	12862.612	42.71	54.0	11.29	AV	0.00	400	Vertical	Pass
6	17418.037	55.31	74.0	18.69	Peak	0.00	400	Vertical	Pass
6**	17418.037	45.51	54.0	8.49	AV	0.00	400	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	1376.300	42.18	74.0	31.82	Peak	263.00	400	Horizontal	Pass
1**	1376.300	32.22	54.0	21.78	AV	263.00	400	Horizontal	Pass
2	2458.300	99.00	74.0	-25.00	Peak	17.00	100	Horizontal	N/A
2**	2458.300	90.65	54.0	-36.65	AV	17.00	100	Horizontal	N/A
3	4923.200	51.45	74.0	22.55	Peak	0.00	150	Horizontal	Pass
3**	4923.200	46.06	54.0	7.94	AV	0.00	150	Horizontal	Pass
4	7377.775	49.98	74.0	24.02	Peak	99.00	150	Horizontal	Pass
4**	7377.775	45.00	54.0	9.00	AV	99.00	150	Horizontal	Pass
5	11838.913	52.16	74.0	21.84	Peak	167.00	100	Horizontal	Pass
5**	11838.913	41.79	54.0	12.21	AV	167.00	100	Horizontal	Pass
6	15935.175	54.84	74.0	19.16	Peak	304.00	300	Horizontal	Pass
6**	15935.175	44.55	54.0	9.45	AV	304.00	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	1505.600	42.14	74.0	31.86	Peak	208.00	300	Vertical	Pass
1**	1505.600	32.52	54.0	21.48	AV	208.00	300	Vertical	Pass
2	2458.400	92.63	74.0	-18.63	Peak	282.00	150	Vertical	N/A
2**	2458.400	84.05	54.0	-30.05	AV	282.00	150	Vertical	N/A
3	4923.600	51.59	74.0	22.41	Peak	238.00	150	Vertical	Pass
3**	4923.600	45.72	54.0	8.28	AV	238.00	150	Vertical	Pass
4	4924.200	52.92	74.0	21.08	Peak	249.00	200	Vertical	Pass
4**	4924.200	45.56	54.0	8.44	AV	249.00	200	Vertical	Pass
5	7393.300	50.06	74.0	23.94	Peak	97.00	150	Vertical	Pass
5**	7393.300	44.14	54.0	9.86	AV	97.00	150	Vertical	Pass
6	11318.825	51.77	74.0	22.23	Peak	359.00	200	Vertical	Pass
6**	11318.825	42.75	54.0	11.25	AV	359.00	200	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	1572.600	42.27	74.0	31.73	Peak	233.00	300	Horizontal	Pass
1**	1572.600	32.49	54.0	21.51	AV	233.00	300	Horizontal	Pass
2	2417.800	97.60	74.0	-23.60	Peak	16.00	150	Horizontal	N/A
2**	2417.800	88.64	54.0	-34.64	AV	16.00	150	Horizontal	N/A
3	4828.600	51.41	74.0	22.59	Peak	0.00	200	Horizontal	Pass
3**	4828.600	42.29	54.0	11.71	AV	0.00	200	Horizontal	Pass
4	6803.800	54.86	74.0	19.14	Peak	0.00	400	Horizontal	Pass
4**	6803.800	44.84	54.0	9.16	AV	0.00	400	Horizontal	Pass
5	12280.513	51.95	74.0	22.05	Peak	200.00	200	Horizontal	Pass
5**	12280.513	42.23	54.0	11.77	AV	200.00	200	Horizontal	Pass
6	16569.114	55.40	74.0	18.60	Peak	94.00	100	Horizontal	Pass
6**	16569.114	44.01	54.0	9.99	AV	94.00	100	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	1329.000	43.20	74.0	30.80	Peak	182.00	300	Vertical	Pass
1**	1329.000	36.05	54.0	17.95	AV	182.00	300	Vertical	Pass
2	2417.800	91.44	74.0	-17.44	Peak	282.00	100	Vertical	N/A
2**	2417.800	82.44	54.0	-28.44	AV	282.00	100	Vertical	N/A
3	4845.600	52.53	74.0	21.47	Peak	251.00	100	Vertical	Pass
3**	4845.600	42.81	54.0	11.19	AV	251.00	100	Vertical	Pass
4	5310.400	56.00	74.0	18.00	Peak	93.00	300	Vertical	Pass
4**	5310.400	43.33	54.0	10.67	AV	93.00	300	Vertical	Pass
5	12408.450	51.55	74.0	22.45	Peak	64.00	100	Vertical	Pass
5**	12408.450	42.24	54.0	11.76	AV	64.00	100	Vertical	Pass
6	16884.637	54.73	74.0	19.27	Peak	360.00	300	Vertical	Pass
6**	16884.637	46.03	54.0	7.97	AV	360.00	300	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	1530.300	42.14	74.0	31.86	Peak	225.00	100	Horizontal	Pass
1**	1530.300	31.70	54.0	22.30	AV	225.00	100	Horizontal	Pass
2	2432.900	97.33	74.0	-23.33	Peak	10.00	150	Horizontal	N/A
2**	2432.900	88.85	54.0	-34.85	AV	10.00	150	Horizontal	N/A
3	4889.400	51.55	74.0	22.45	Peak	0.00	150	Horizontal	Pass
3**	4889.400	42.18	54.0	11.82	AV	0.00	150	Horizontal	Pass
4	6609.800	54.57	74.0	19.43	Peak	17.00	300	Horizontal	Pass
4**	6609.800	45.65	54.0	8.35	AV	17.00	300	Horizontal	Pass
5	12832.687	52.02	74.0	21.98	Peak	105.00	300	Horizontal	Pass
5**	12832.687	41.78	54.0	12.22	AV	105.00	300	Horizontal	Pass
6	17435.888	55.50	74.0	18.50	Peak	44.00	100	Horizontal	Pass
6**	17435.888	45.94	54.0	8.06	AV	44.00	100	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	1327.300	42.85	74.0	31.15	Peak	150.00	100	Vertical	Pass
1**	1327.300	33.25	54.0	20.75	AV	150.00	100	Vertical	Pass
2	2432.900	90.28	74.0	-16.28	Peak	110.00	100	Vertical	N/A
2**	2432.900	81.72	54.0	-27.72	AV	110.00	100	Vertical	N/A
3	4874.400	52.23	74.0	21.77	Peak	247.00	150	Vertical	Pass
3**	4874.400	42.78	54.0	11.22	AV	247.00	150	Vertical	Pass
4	6971.400	54.74	74.0	19.26	Peak	153.00	300	Vertical	Pass
4**	6971.400	46.08	54.0	7.92	AV	153.00	300	Vertical	Pass
5	11330.037	51.88	74.0	22.12	Peak	172.00	300	Vertical	Pass
5**	11330.037	42.58	54.0	11.42	AV	172.00	300	Vertical	Pass
6	17437.463	55.11	74.0	18.89	Peak	1.00	100	Vertical	Pass
6**	17437.463	45.60	54.0	8.40	AV	1.00	100	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	1414.400	42.43	74.0	31.57	Peak	155.00	100	Horizontal	Pass
1**	1414.400	33.05	54.0	20.95	AV	155.00	100	Horizontal	Pass
2	2447.800	96.32	74.0	-22.32	Peak	16.00	150	Horizontal	N/A
2**	2447.800	87.91	54.0	-33.91	AV	16.00	150	Horizontal	N/A
3	4926.000	51.87	74.0	22.13	Peak	360.00	150	Horizontal	Pass
3**	4926.000	41.83	54.0	12.17	AV	360.00	150	Horizontal	Pass
4	6807.800	54.27	74.0	19.73	Peak	329.00	400	Horizontal	Pass
4**	6807.800	46.39	54.0	7.61	AV	329.00	400	Horizontal	Pass
5	12821.401	51.93	74.0	22.07	Peak	360.00	400	Horizontal	Pass
5**	12821.401	41.89	54.0	12.11	AV	360.00	400	Horizontal	Pass
6	15238.762	54.58	74.0	19.42	Peak	165.00	200	Horizontal	Pass
6**	15238.762	45.02	54.0	8.98	AV	165.00	200	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	1328.100	43.34	74.0	30.66	Peak	0.00	400	Vertical	Pass
1**	1328.100	32.58	54.0	21.42	AV	0.00	400	Vertical	Pass
2	2447.900	89.21	74.0	-15.21	Peak	137.00	100	Vertical	N/A
2**	2447.900	80.27	54.0	-26.27	AV	137.00	100	Vertical	N/A
3	4844.200	51.70	74.0	22.30	Peak	296.00	100	Vertical	Pass
3**	4844.200	41.59	54.0	12.41	AV	296.00	100	Vertical	Pass
4	6808.000	54.81	74.0	19.19	Peak	158.00	300	Vertical	Pass
4**	6808.000	46.27	54.0	7.73	AV	158.00	300	Vertical	Pass
5	11780.838	52.24	74.0	21.76	Peak	186.00	400	Vertical	Pass
5**	11780.838	42.60	54.0	11.40	AV	186.00	400	Vertical	Pass
6	16839.224	55.20	74.0	18.80	Peak	302.00	300	Vertical	Pass
6**	16839.224	44.62	54.0	9.38	AV	302.00	300	Vertical	Pass

Replaceable Antenna Model 2: AF1012

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	1448.200	45.23	74.0	28.77	Peak	158.00	400	Horizontal	Pass
1**	1448.200	38.35	54.0	15.65	AV	158.00	400	Horizontal	Pass
2	2413.200	107.96	74.0	-33.96	Peak	229.00	150	Horizontal	N/A
2**	2413.200	101.03	54.0	-47.03	AV	229.00	150	Horizontal	N/A
3	4827.250	47.52	74.0	26.48	Peak	142.00	150	Horizontal	Pass
3**	4827.250	43.73	54.0	10.27	AV	142.00	150	Horizontal	Pass
4	6874.500	53.91	74.0	20.09	Peak	222.00	200	Horizontal	Pass
4**	6874.500	44.52	54.0	9.48	AV	222.00	200	Horizontal	Pass
5	12987.037	54.15	74.0	19.85	Peak	161.00	200	Horizontal	Pass
5**	12987.037	45.10	54.0	8.90	AV	161.00	200	Horizontal	Pass
6	17011.425	56.57	74.0	17.43	Peak	115.00	200	Horizontal	Pass
6**	17011.425	46.70	54.0	7.30	AV	115.00	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	1446.600	43.61	74.0	30.39	Peak	287.00	100	Vertical	Pass
1**	1446.600	37.13	54.0	16.87	AV	287.00	100	Vertical	Pass
2	2413.000	99.66	74.0	-25.66	Peak	57.00	150	Vertical	N/A
2**	2413.000	93.97	54.0	-39.97	AV	57.00	150	Vertical	N/A
3	4824.000	52.67	74.0	21.33	Peak	56.00	150	Vertical	Pass
3**	4824.000	49.85	54.0	4.15	AV	56.00	150	Vertical	Pass
4	7057.000	53.91	74.0	20.09	Peak	34.00	200	Vertical	Pass
4**	7057.000	43.53	54.0	10.47	AV	34.00	200	Vertical	Pass
5	12764.438	53.66	74.0	20.34	Peak	281.00	200	Vertical	Pass
5**	12764.438	43.67	54.0	10.33	AV	281.00	200	Vertical	Pass
6	17008.538	55.77	74.0	18.23	Peak	314.00	200	Vertical	Pass
6**	17008.538	46.00	54.0	8.00	AV	314.00	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: AE1012

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.500	58.94	74.0	15.06	Peak	12.00	150	Horizontal	Pass
1**	2386.500	49.55	54.0	4.45	AV	12.00	150	Horizontal	Pass
2	2389.950	56.89	74.0	17.11	Peak	167.00	150	Horizontal	Pass
2**	2389.950	46.85	54.0	7.15	AV	167.00	150	Horizontal	Pass
3	2385.750	58.03	74.0	15.97	Peak	343.00	150	Horizontal	Pass
3**	2385.750	50.08	54.0	3.92	AV	343.00	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	2483.545	57.15	74.0	16.85	Peak	193.00	150	Horizontal	Pass
1**	2483.545	46.65	54.0	7.35	AV	193.00	150	Horizontal	Pass
2	2484.700	57.30	74.0	16.70	Peak	213.00	100	Horizontal	Pass
2**	2484.700	46.08	54.0	7.92	AV	213.00	100	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	2389.600	58.57	74.0	15.43	Peak	102.00	150	Horizontal	Pass
1**	2389.600	48.99	54.0	5.01	AV	102.00	150	Horizontal	Pass
2	2389.950	56.71	74.0	17.29	Peak	114.00	150	Horizontal	Pass
2**	2389.950	48.74	54.0	5.26	AV	114.00	150	Horizontal	Pass
3	2389.550	57.09	74.0	16.91	Peak	108.00	150	Horizontal	Pass
3**	2389.550	49.26	54.0	4.74	AV	108.00	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	2483.590	58.57	74.0	15.43	Peak	110.00	200	Horizontal	Pass
1**	2483.590	49.55	54.0	4.45	AV	110.00	200	Horizontal	Pass
2	2488.660	59.01	74.0	14.99	Peak	104.00	100	Horizontal	Pass
2**	2488.660	48.06	54.0	5.94	AV	104.00	100	Horizontal	Pass
3	2485.000	57.49	74.0	16.51	Peak	182.00	150	Horizontal	Pass
3**	2485.000	50.21	54.0	3.79	AV	182.00	150	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	2389.200	59.35	74.0	14.65	Peak	0.00	200	Horizontal	Pass
1**	2389.200	50.74	54.0	3.26	AV	0.00	200	Horizontal	Pass
2	2389.950	58.14	74.0	15.86	Peak	0.00	100	Horizontal	Pass
2**	2389.950	50.31	54.0	3.69	AV	0.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.58	74.0	16.42	Peak	0.00	100	Horizontal	Pass
1**	2483.500	46.83	54.0	7.17	AV	0.00	100	Horizontal	Pass
2	2484.325	58.70	74.0	15.30	Peak	132.00	150	Horizontal	Pass
2**	2484.325	45.81	54.0	8.19	AV	132.00	150	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	2385.450	61.00	74.0	13.00	Peak	99.00	150	Horizontal	Pass
1**	2385.450	50.32	54.0	3.68	AV	99.00	150	Horizontal	Pass
2	2389.950	56.98	74.0	17.02	Peak	112.00	100	Horizontal	Pass
2**	2389.950	49.62	54.0	4.38	AV	112.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	56.94	74.0	17.06	Peak	188.00	150	Horizontal	Pass
1**	2483.560	48.21	54.0	5.79	AV	188.00	150	Horizontal	Pass
2	2484.085	58.99	74.0	15.01	Peak	115.00	200	Horizontal	Pass
2**	2484.085	48.93	54.0	5.07	AV	115.00	200	Horizontal	Pass
3	2484.460	57.42	74.0	16.58	Peak	109.00	150	Horizontal	Pass
3**	2484.460	49.78	54.0	4.22	AV	109.00	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	2386.600	58.55	74.0	15.45	Peak	92.00	100	Horizontal	Pass
1**	2386.600	46.98	54.0	7.02	AV	92.00	100	Horizontal	Pass
2	2389.950	56.65	74.0	17.35	Peak	61.00	150	Horizontal	Pass
2**	2389.950	46.63	54.0	7.37	AV	61.00	150	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	2483.530	56.44	74.0	17.56	Peak	140.00	200	Horizontal	Pass
1**	2483.530	46.14	54.0	7.86	AV	140.00	200	Horizontal	Pass
2	2499.070	57.32	74.0	16.68	Peak	231.00	150	Horizontal	Pass
2**	2499.070	45.41	54.0	8.59	AV	231.00	150	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	2385.050	59.01	74.0	14.99	Peak	100.00	200	Horizontal	Pass
1**	2385.050	47.44	54.0	6.56	AV	100.00	200	Horizontal	Pass
2	2389.950	57.37	74.0	16.63	Peak	105.00	150	Horizontal	Pass
2**	2389.950	47.64	54.0	6.36	AV	105.00	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	2483.575	56.13	74.0	17.87	Peak	50.00	100	Horizontal	Pass
1**	2483.575	46.03	54.0	7.97	AV	50.00	100	Horizontal	Pass
2	2499.895	57.76	74.0	16.24	Peak	47.00	150	Horizontal	Pass
2**	2499.895	45.65	54.0	8.35	AV	47.00	150	Horizontal	Pass

Replaceable Antenna Model 2: AF1012

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.300	55.95	74.0	18.05	Peak	355.00	100	Horizontal	Pass
1**	2384.300	43.90	54.0	10.10	AV	355.00	100	Horizontal	Pass
2	2389.950	53.09	74.0	20.91	Peak	140.00	100	Horizontal	Pass
2**	2389.950	44.49	54.0	9.51	AV	140.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.750	56.98	74.0	17.02	Peak	134.00	200	Horizontal	Pass
1**	2385.750	44.47	54.0	9.53	AV	134.00	200	Horizontal	Pass
2	2389.950	55.58	74.0	18.42	Peak	6.00	100	Horizontal	Pass
2**	2389.950	44.91	54.0	9.09	AV	6.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Replaceable Antenna Model 1: AE1012

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.82	8
Middle	-8.52	8
High	-8.04	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.80	8
Middle	-12.99	8
High	-12.84	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.68	8
Middle	-12.06	8
High	-11.60	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.40	8
Middle	-13.22	8
High	-15.47	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.54	8
Middle	-12.85	8
High	-12.21	8

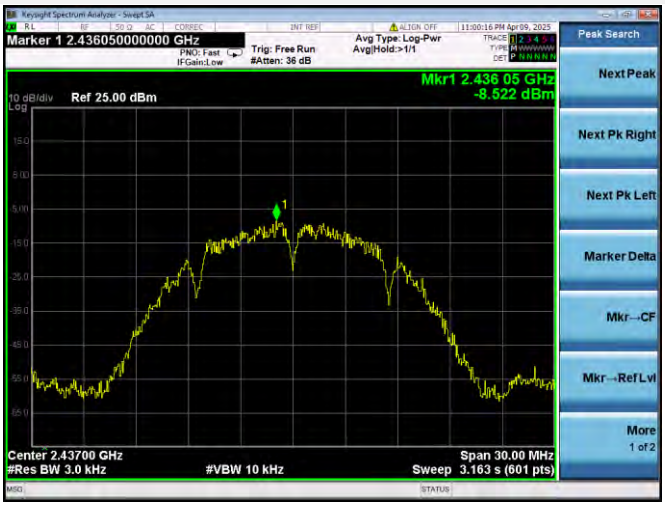
802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.92	8
Middle	-16.16	8
High	-16.42	8

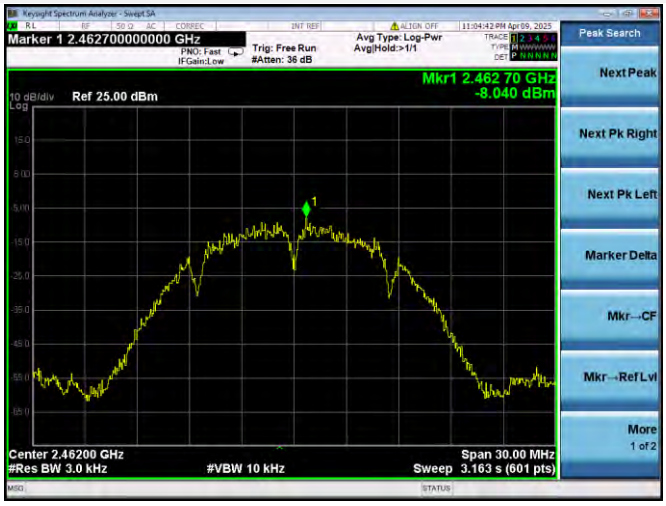
Test Plots

802.11b LOW CHANNEL

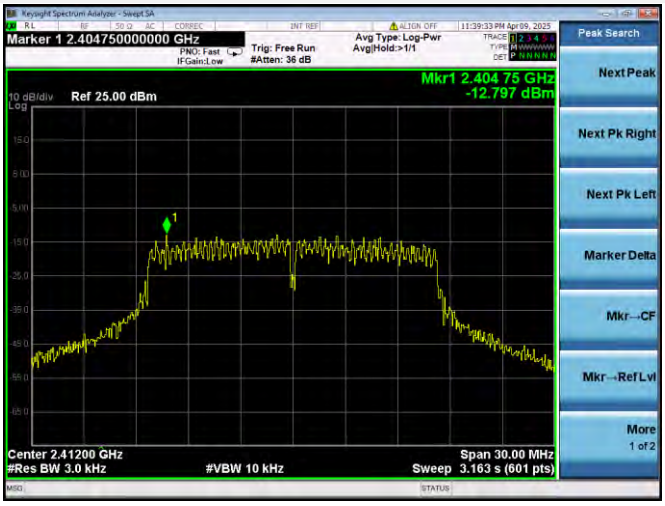
802.11b MIDDLE CHANNEL



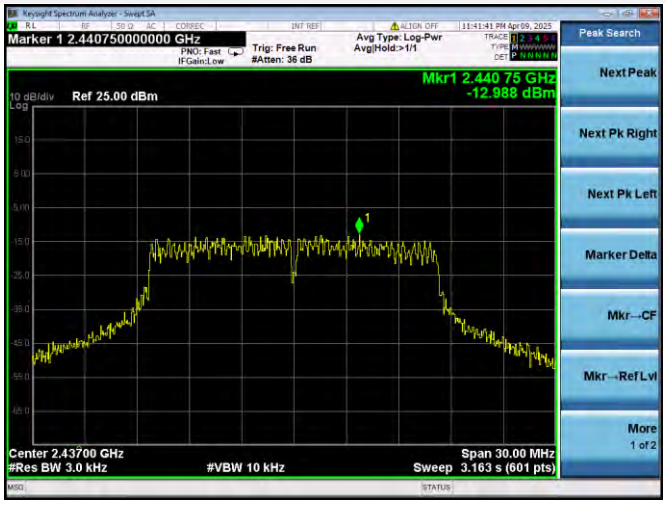
802.11b HIGH CHANNEL



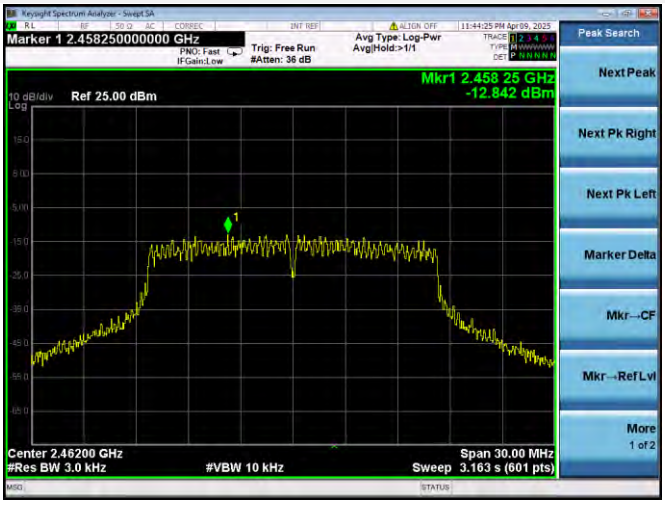
802.11g LOW CHANNEL



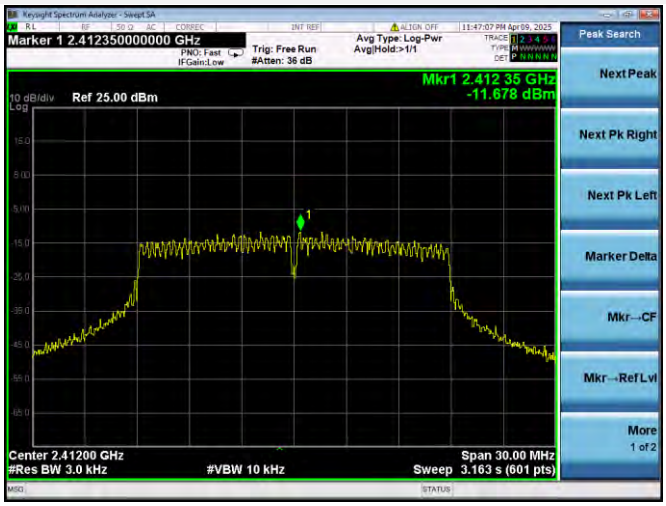
802.11g MIDDLE CHANNEL



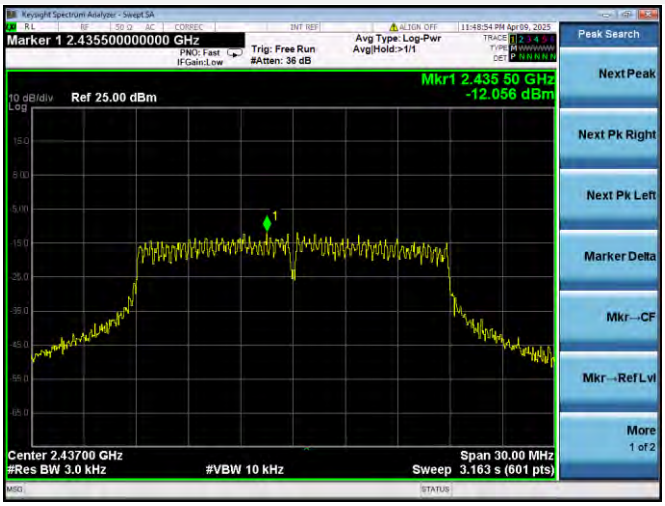
802.11g HIGH CHANNEL



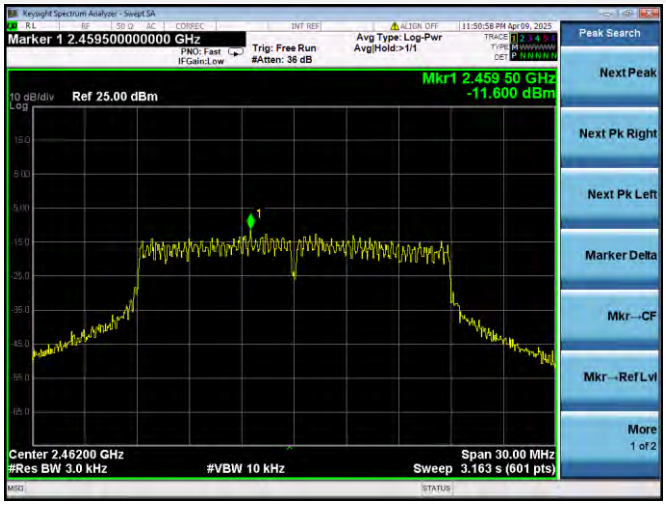
802.11n-20 MHz LOW CHANNEL



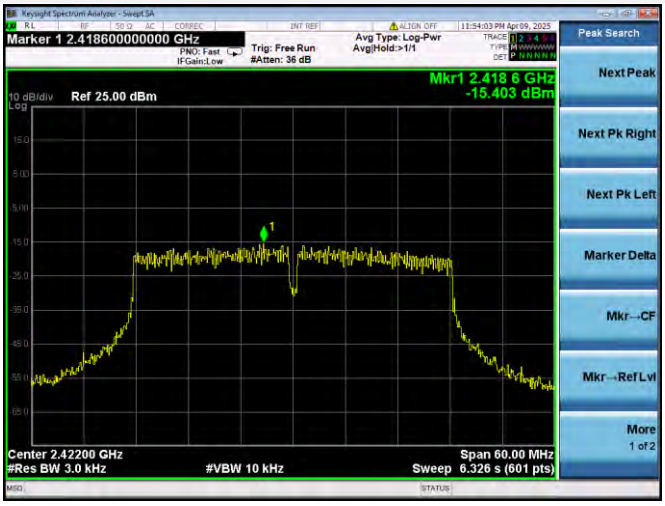
802.11n-20 MHz MIDDLE CHANNEL



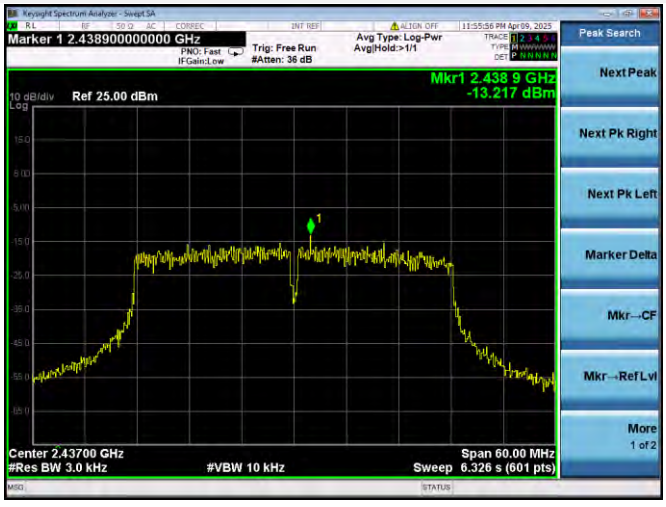
802.11n-20 MHz HIGH CHANNEL



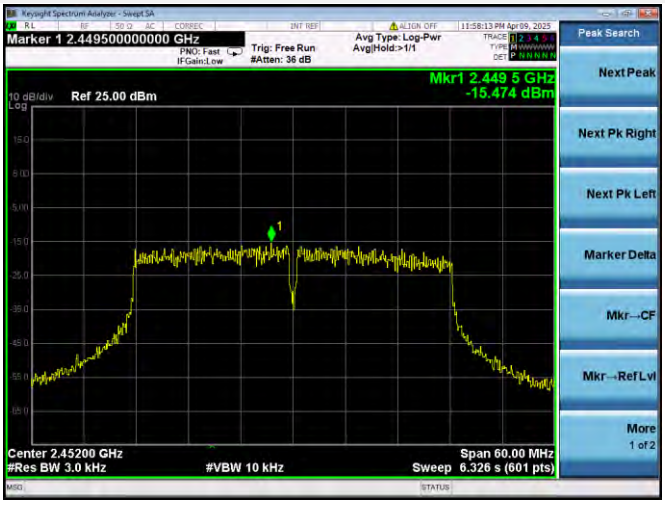
802.11n-40 MHz LOW CHANNEL



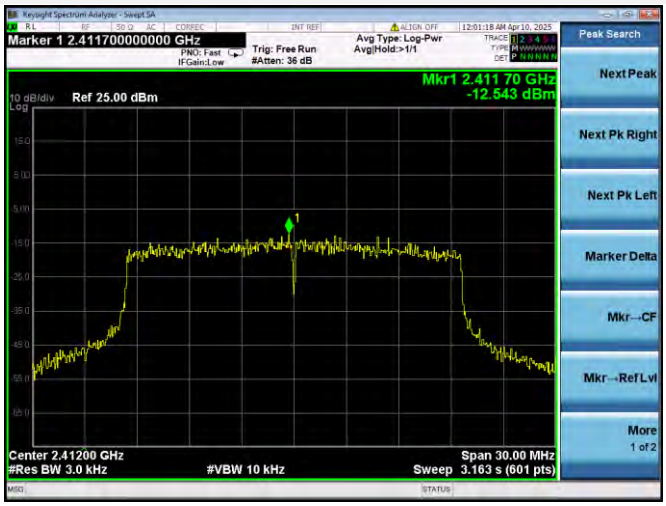
802.11n-40 MHz MIDDLE CHANNEL



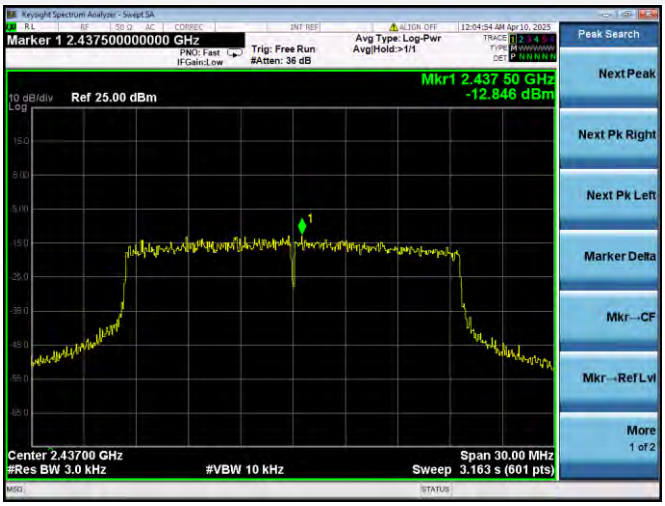
802.11n-40 MHz HIGH CHANNEL



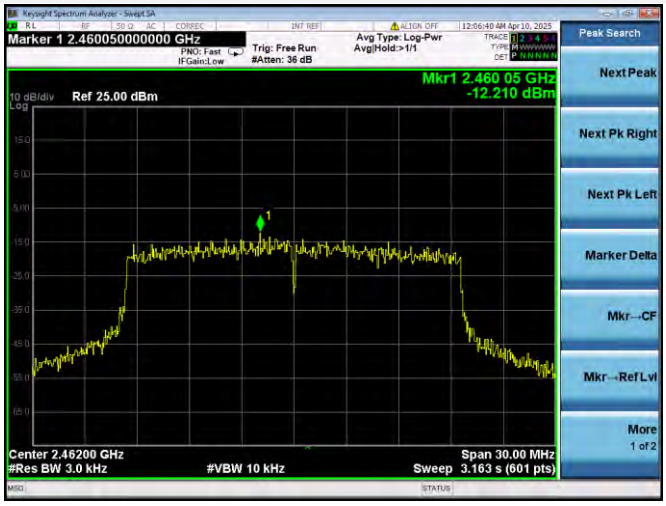
802.11ax-20 MHz(SU) LOW CHANNEL



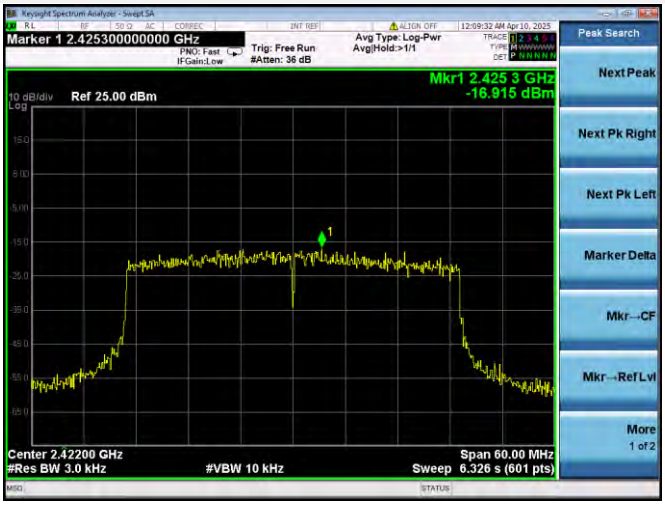
802.11ax-20 MHz(SU) MIDDLE CHANNEL



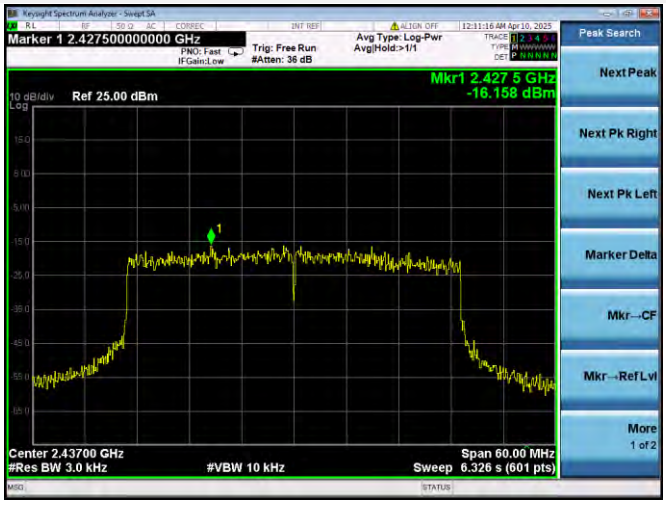
802.11ax-20 MHz(SU) HIGH CHANNEL



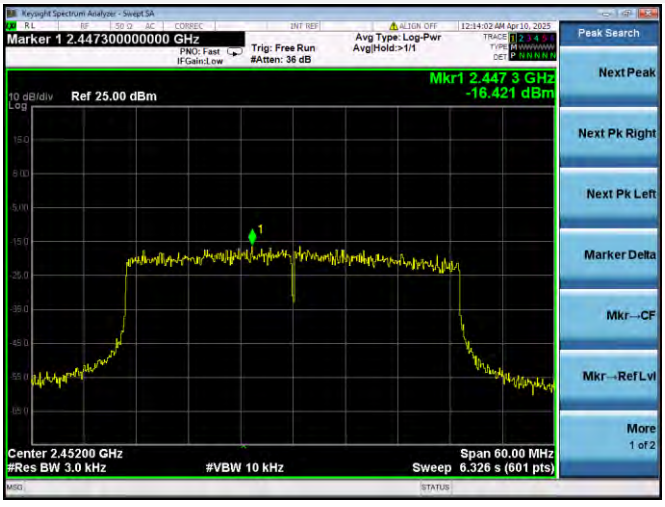
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2530401-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2530401-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2530401-AI.PDF”.

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--END OF REPORT--