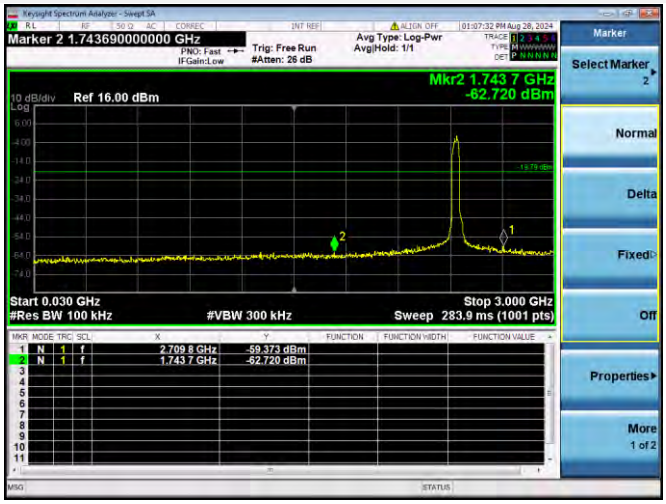
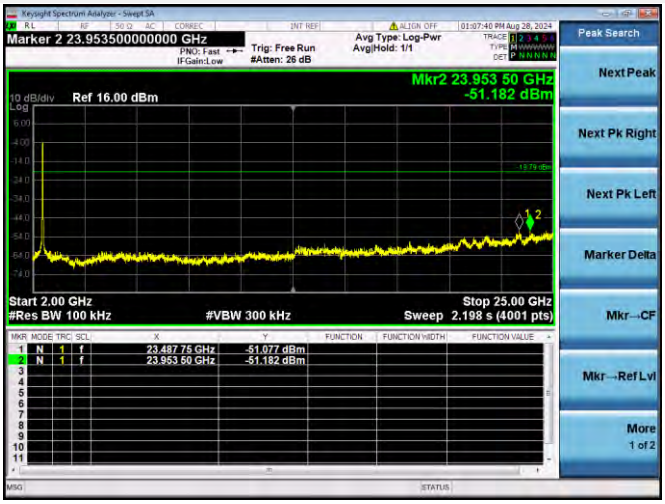
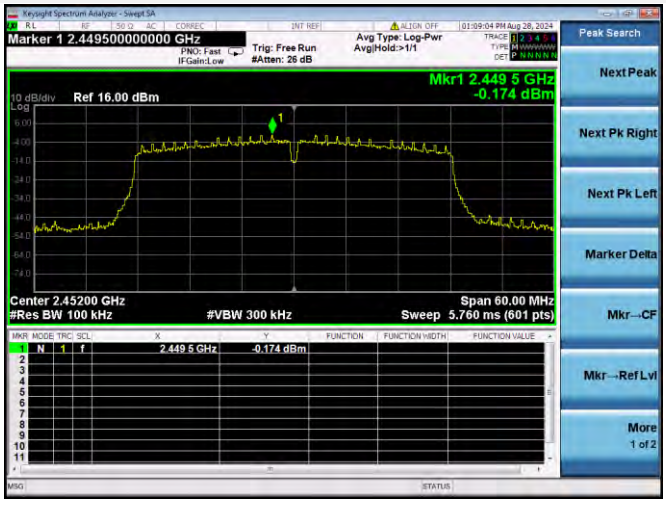
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



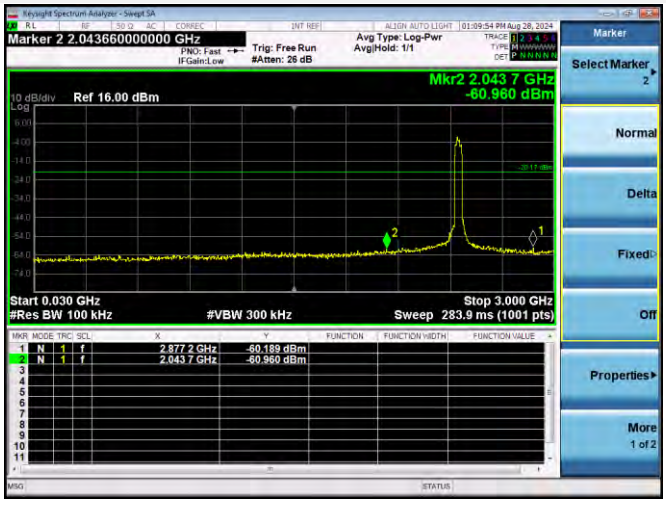
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



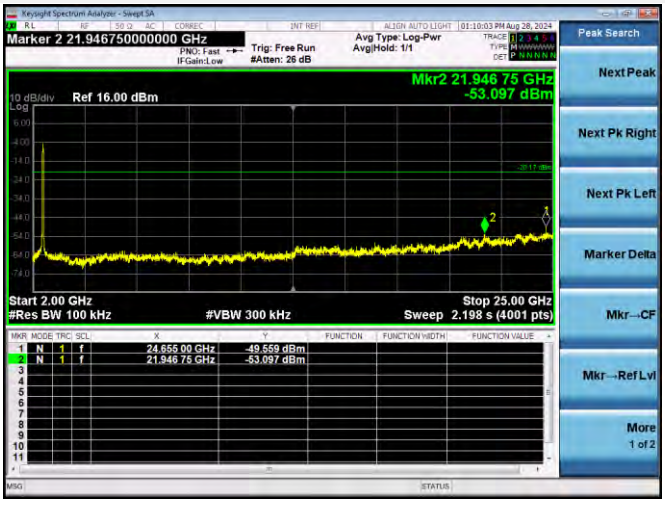
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



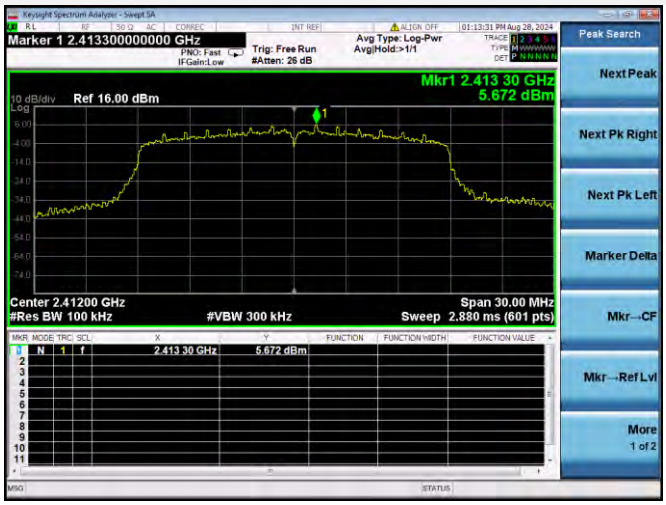
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



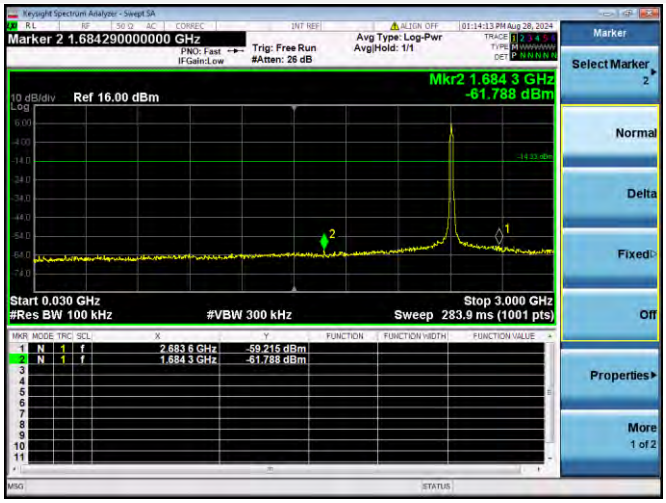
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



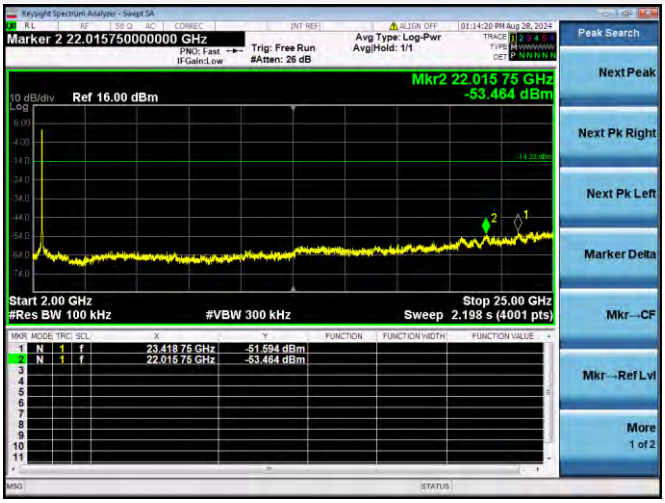
VHT-20 MHz LOW CHANNEL CARRIER LEVEL



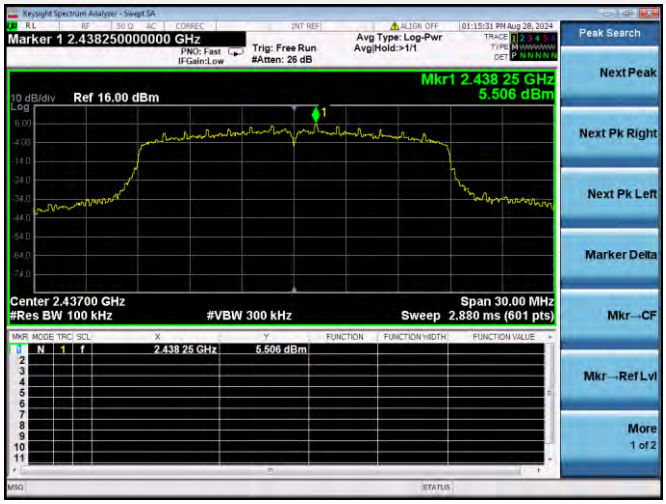
VHT-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



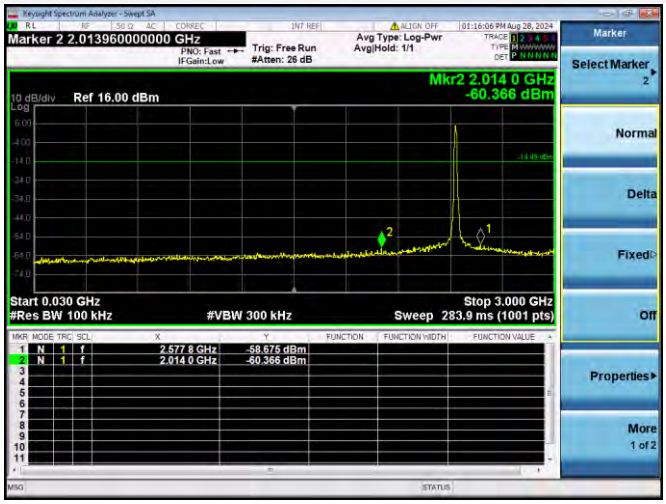
VHT-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



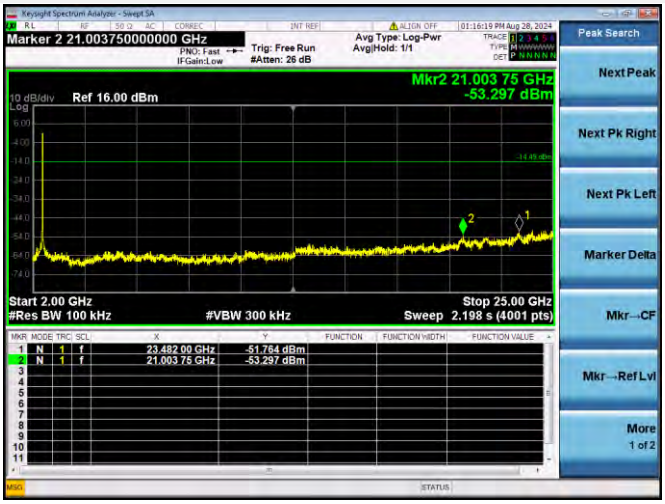
VHT-20 MHz MIDDLE CHANNEL CARRIER LEVEL



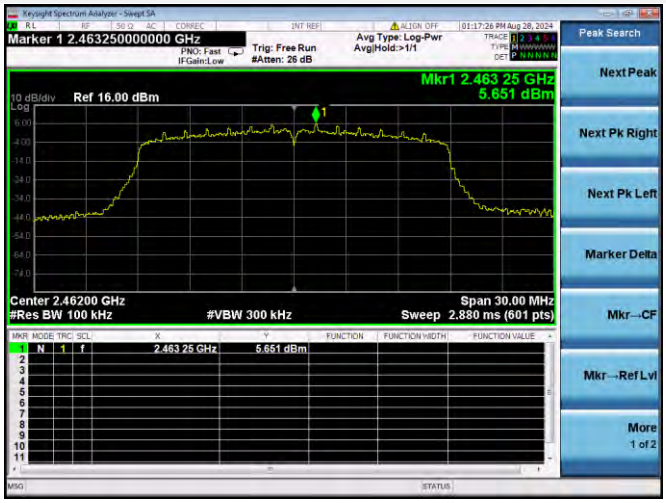
VHT-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



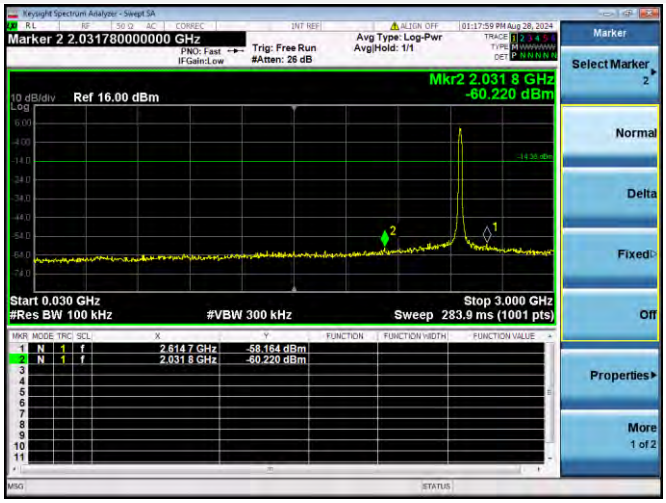
VHT-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



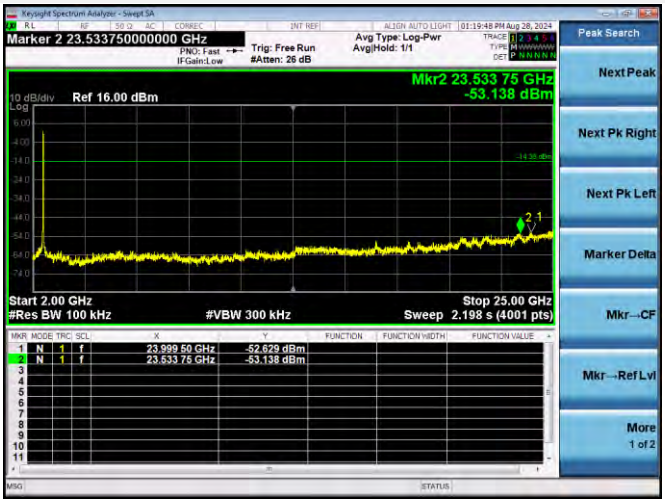
VHT-20 MHz HIGH CHANNEL CARRIER LEVEL



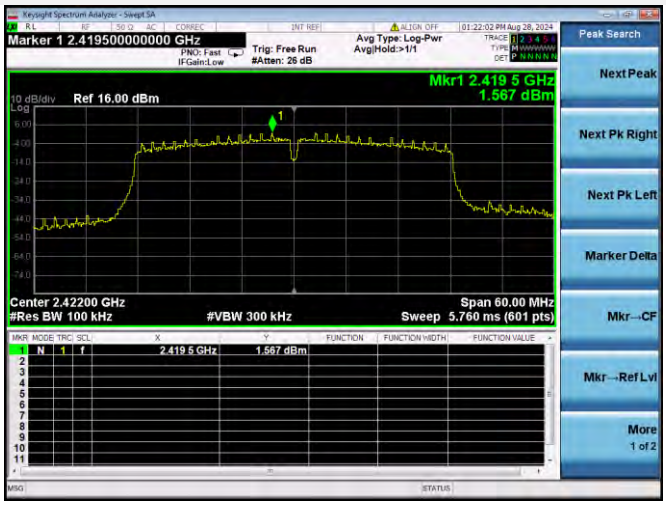
VHT-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



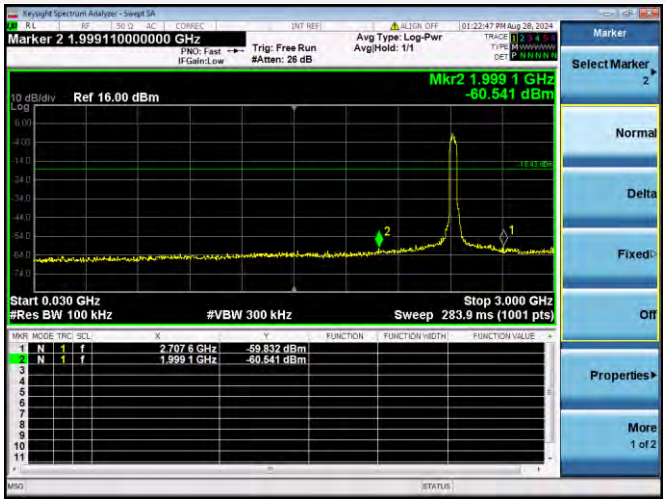
VHT-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



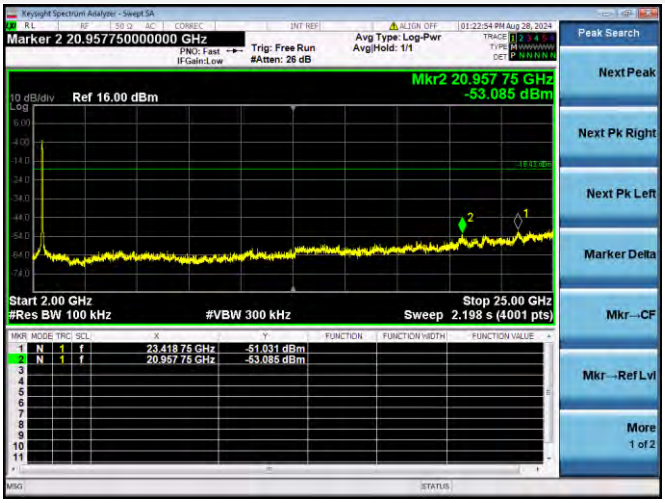
VHT-40 MHz LOW CHANNEL CARRIER LEVEL



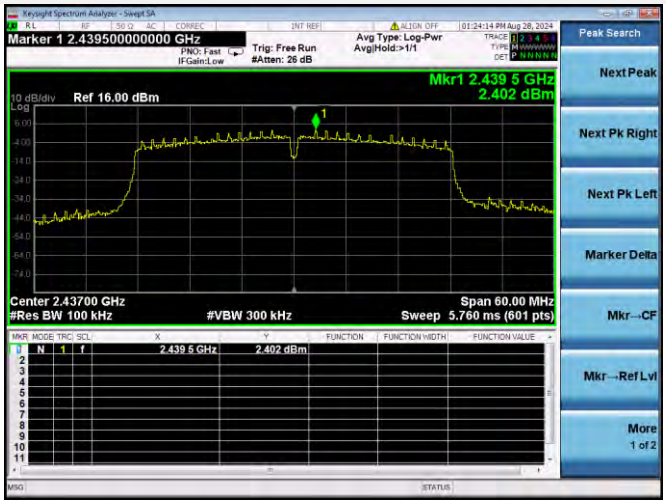
VHT-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



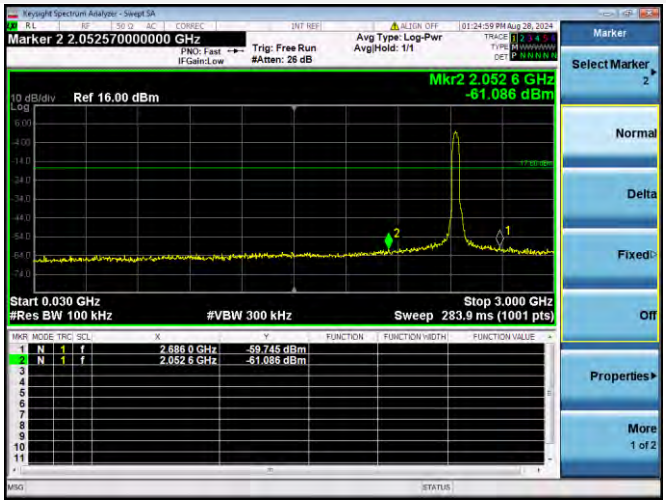
VHT-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



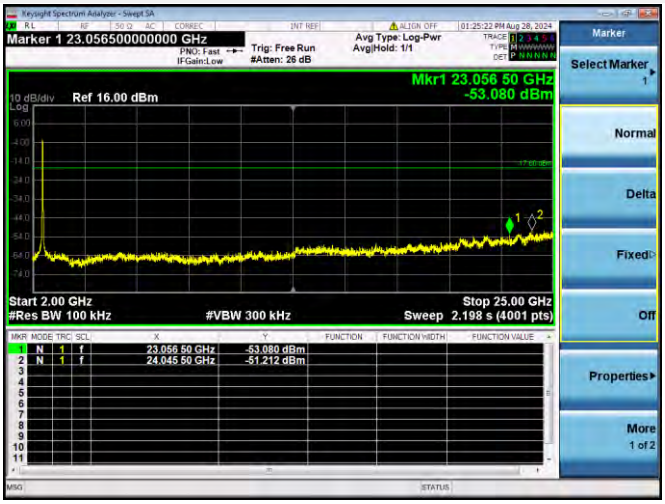
VHT-40 MHz MIDDLE CHANNEL CARRIER LEVEL



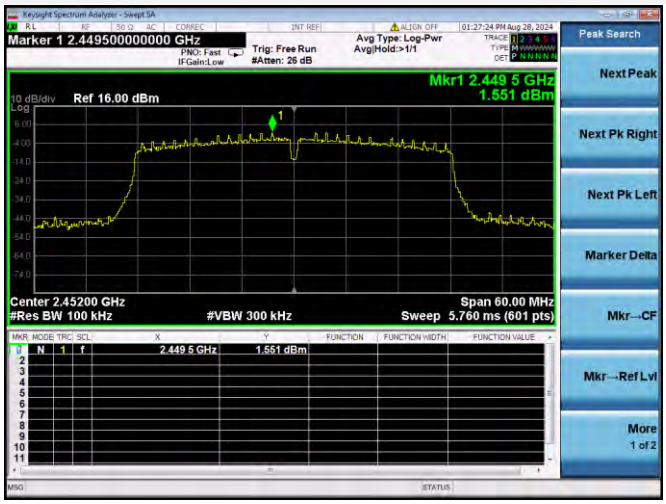
VHT-40 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



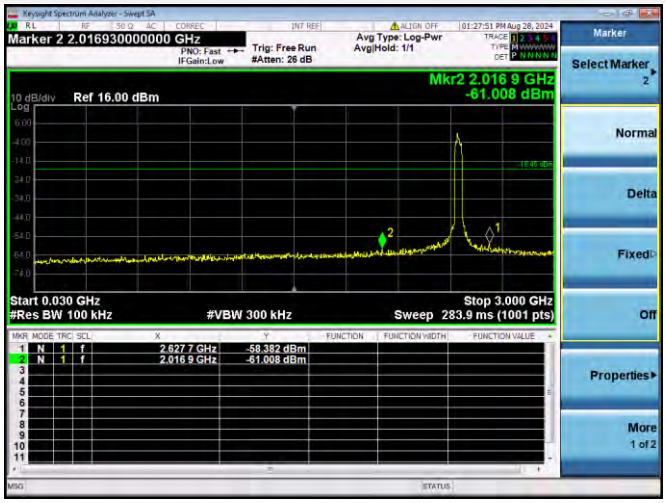
VHT-40 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



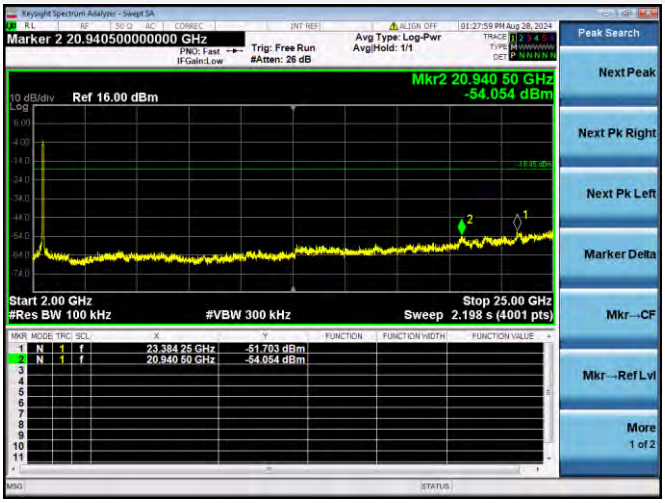
VHT-40 MHz HIGH CHANNEL CARRIER LEVEL



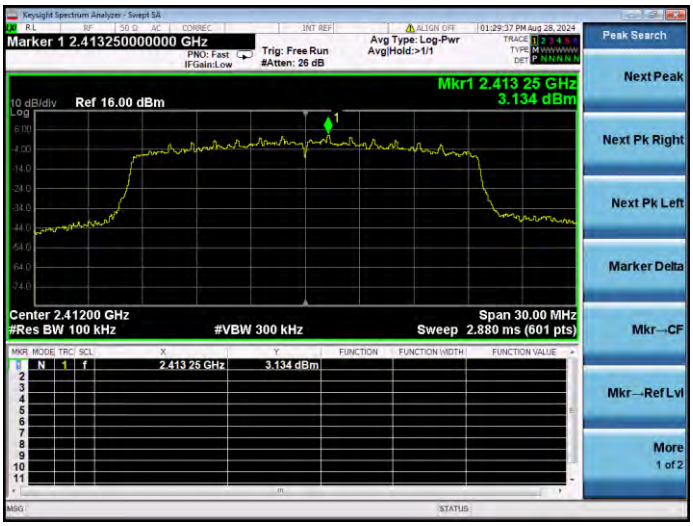
VHT-40 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



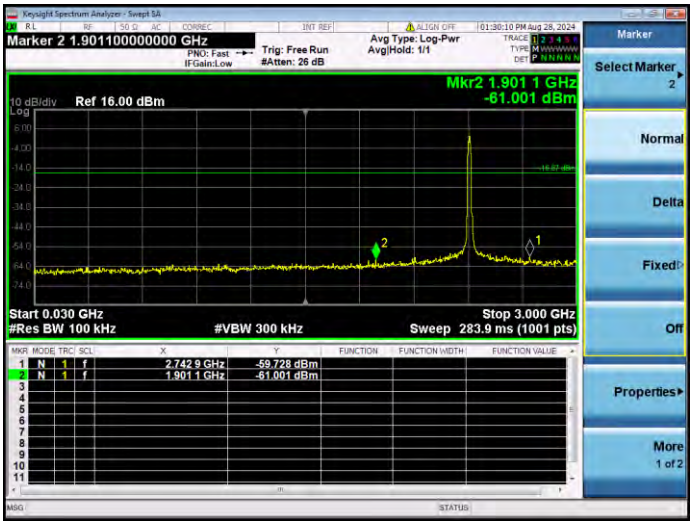
VHT-40 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



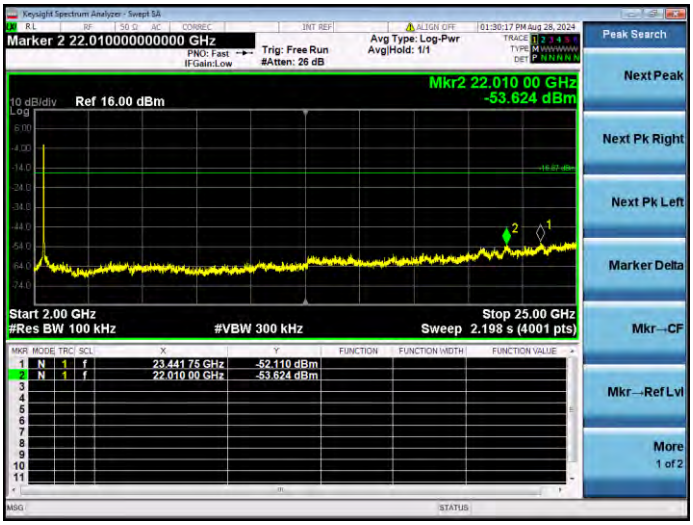
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



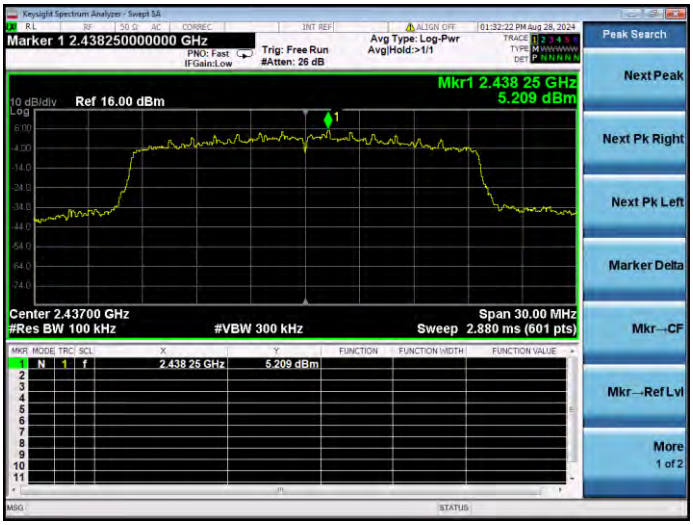
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



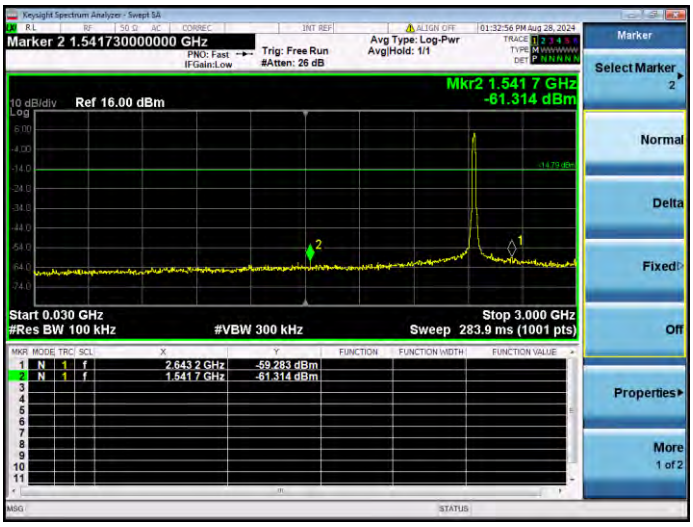
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



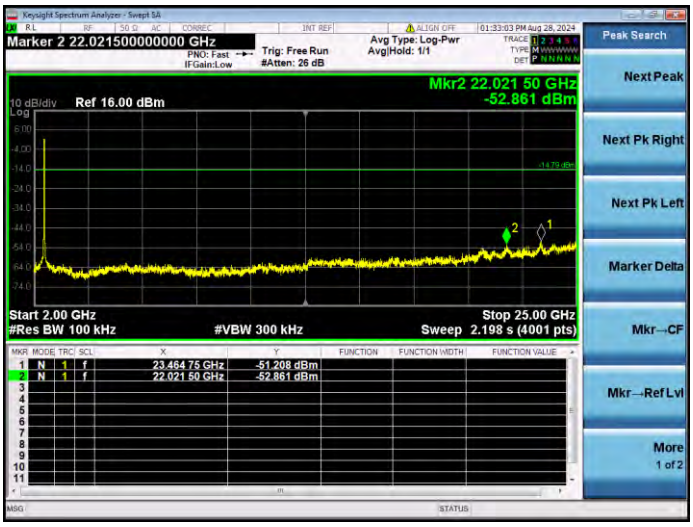
802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



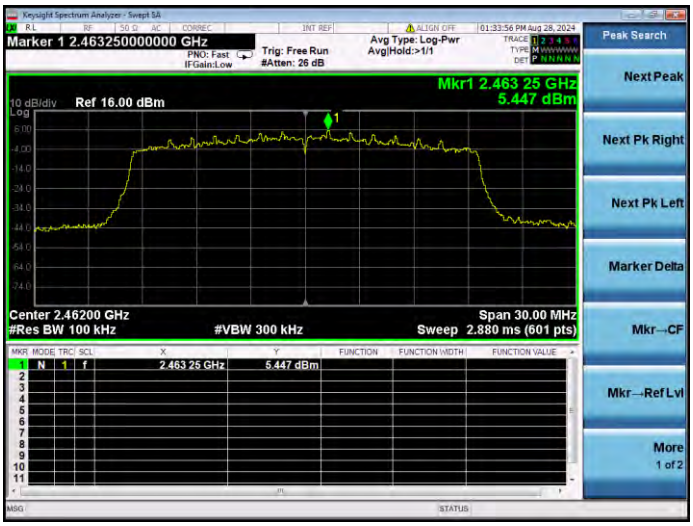
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



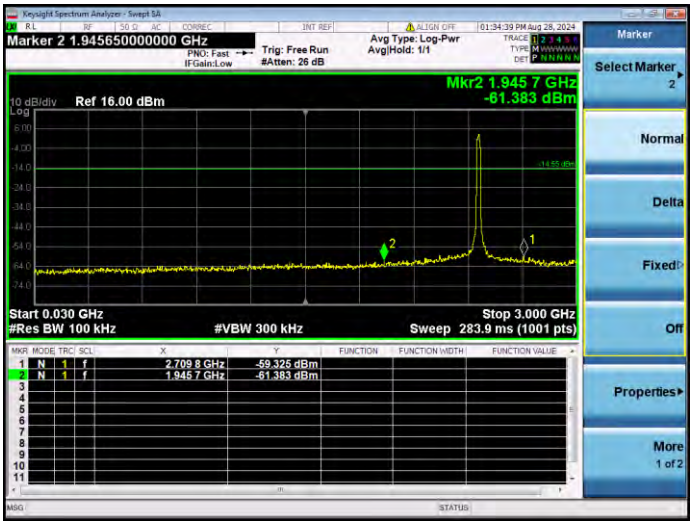
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



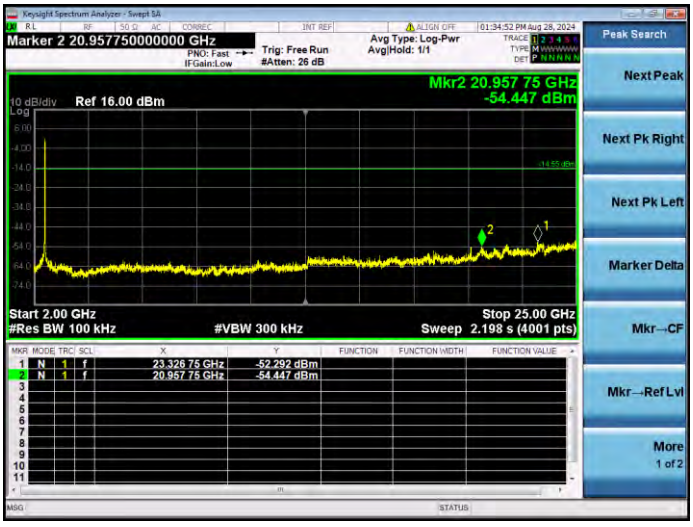
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



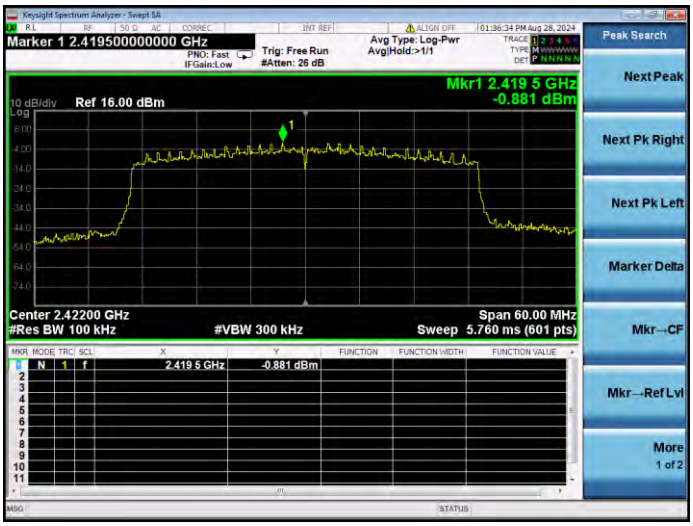
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



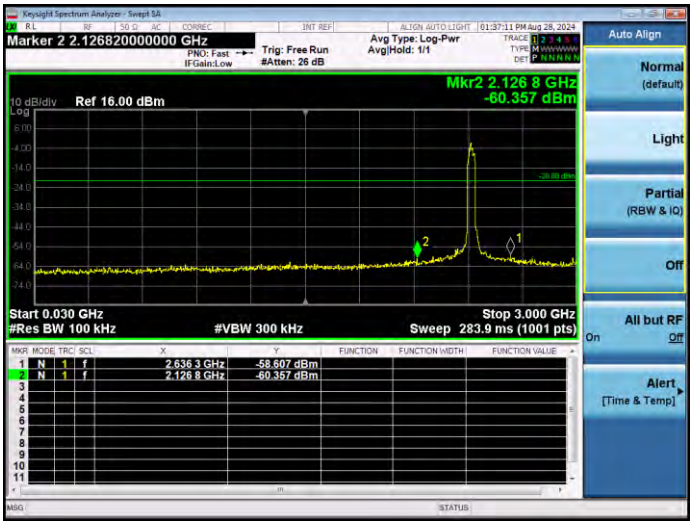
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



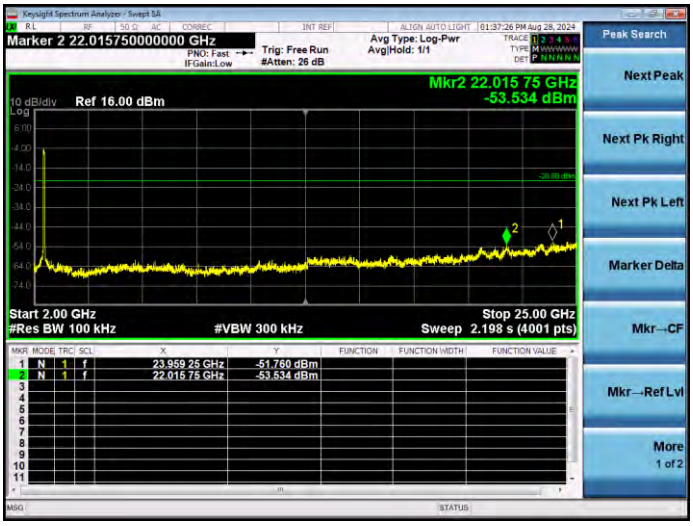
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



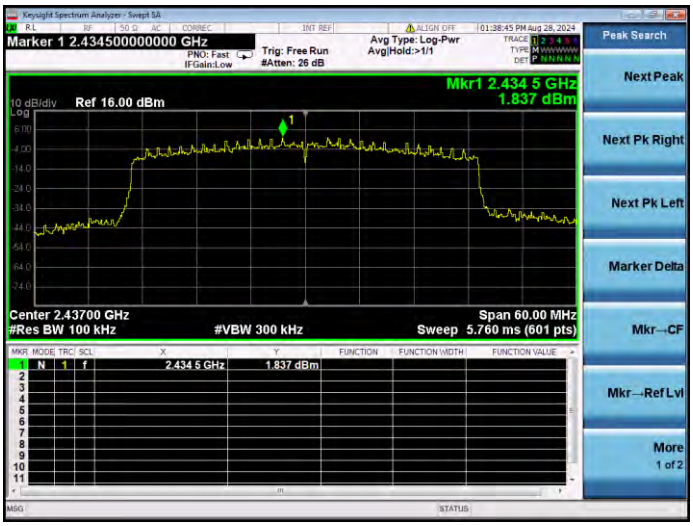
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



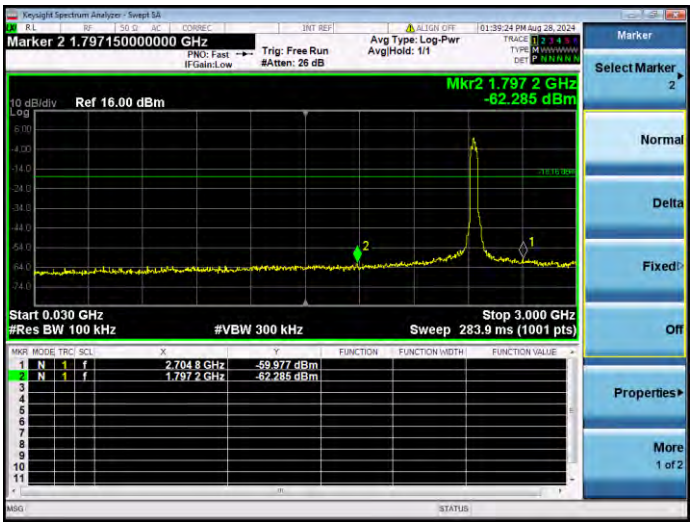
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



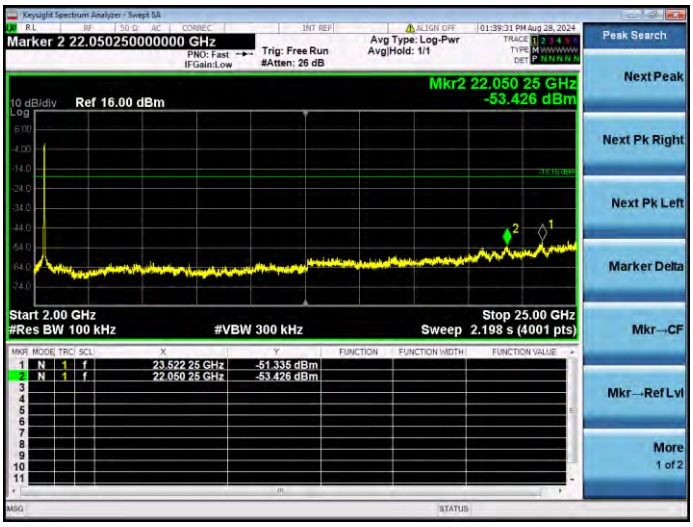
802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



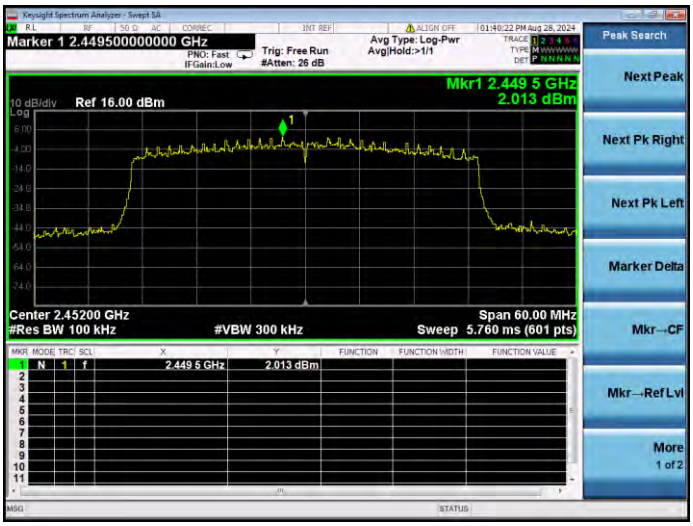
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



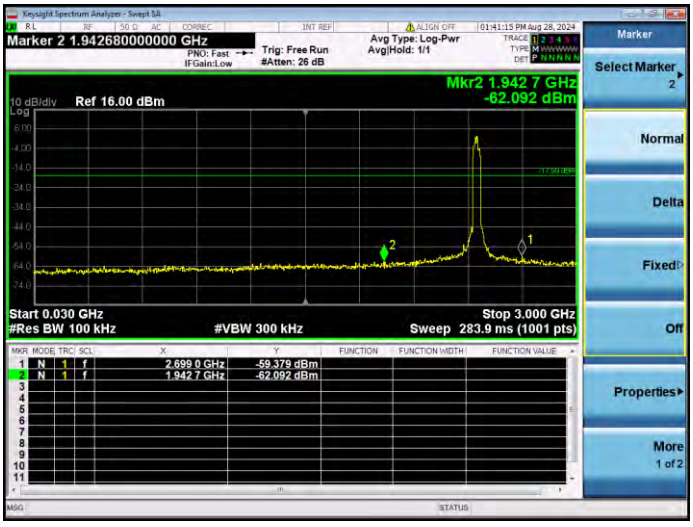
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



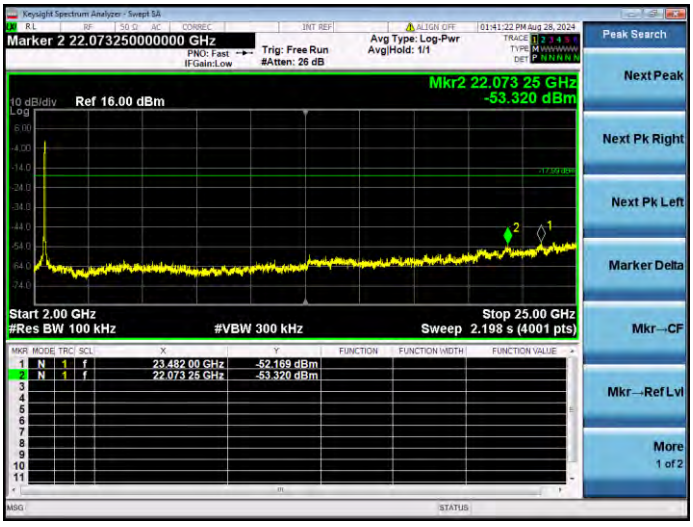
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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.

Test Data

802.11b Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.34	7.16	-12.84	Pass
High Channel	-48.51	8.47	-11.53	Pass

802.11g Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.47	4.39	-15.61	Pass
High Channel	-47.89	4.73	-15.27	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.85	4.57	-15.43	Pass
High Channel	-49.29	4.90	-15.10	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-52.26	-3.92	-23.92	Pass
High Channel	-46.16	-0.17	-20.17	Pass

VHT-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.96	5.67	-14.33	Pass
High Channel	-47.62	5.65	-14.35	Pass

VHT-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-43.71	1.57	-18.43	Pass
High Channel	-45.97	1.55	-18.45	Pass

802.11ax-20 MHz(SU) Mode:

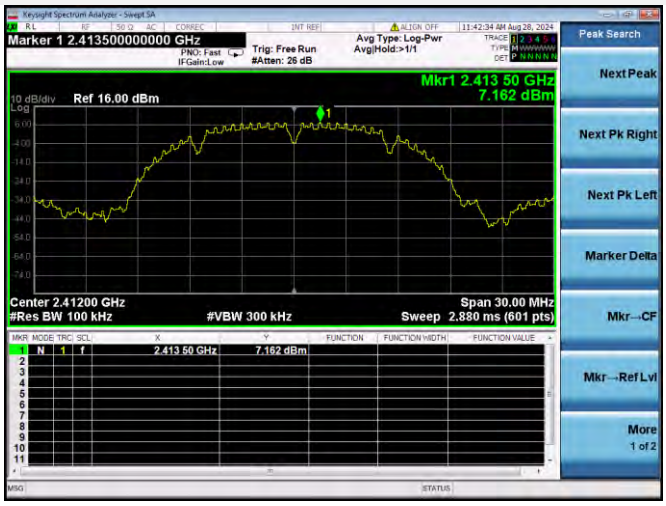
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.47	3.13	-16.87	Pass
High Channel	-48.60	5.45	-14.55	Pass

802.11ax-40 MHz(SU) Mode:

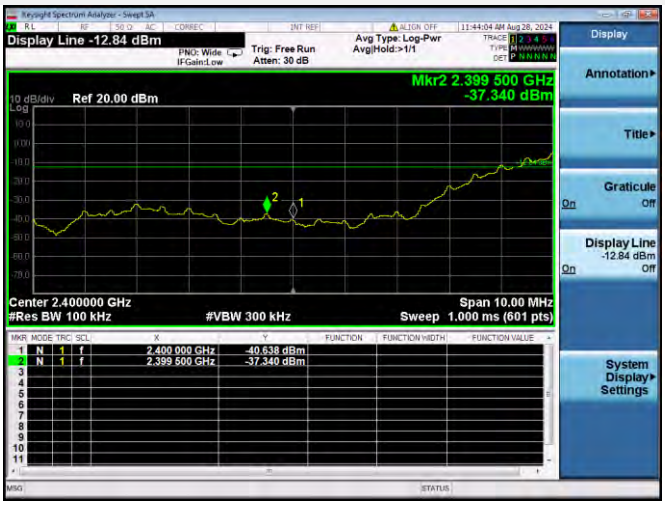
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.47	-0.88	-20.88	Pass
High Channel	-46.02	2.01	-17.99	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

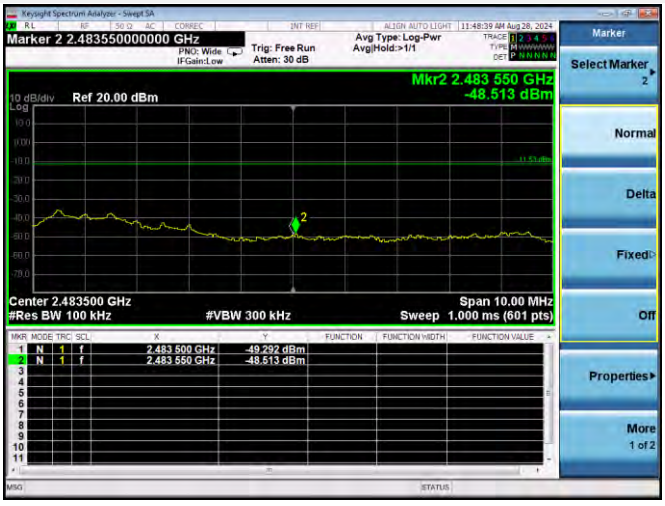


802.11b LOW CHANNEL, BAND EDGE



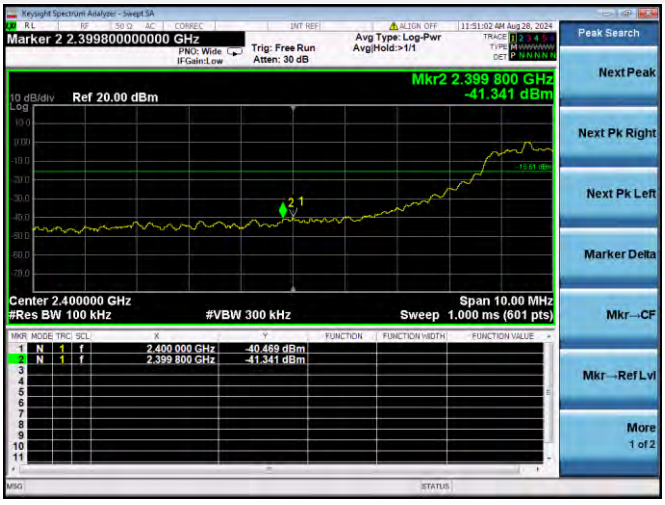
802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, BAND EDGE

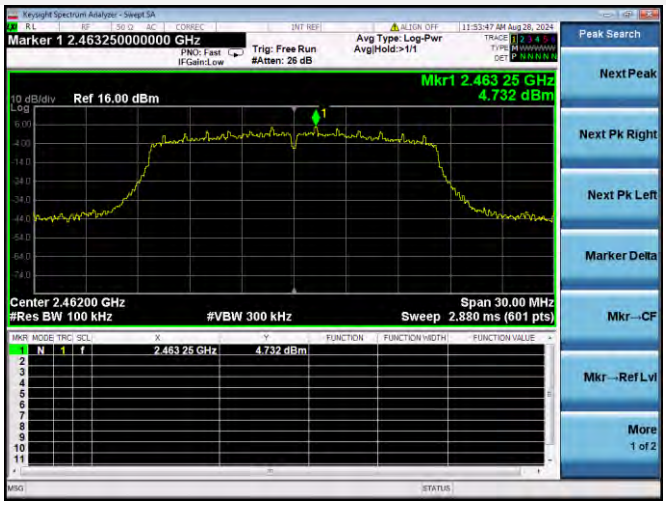


802.11g LOW CHANNEL, CARRIER LEVEL

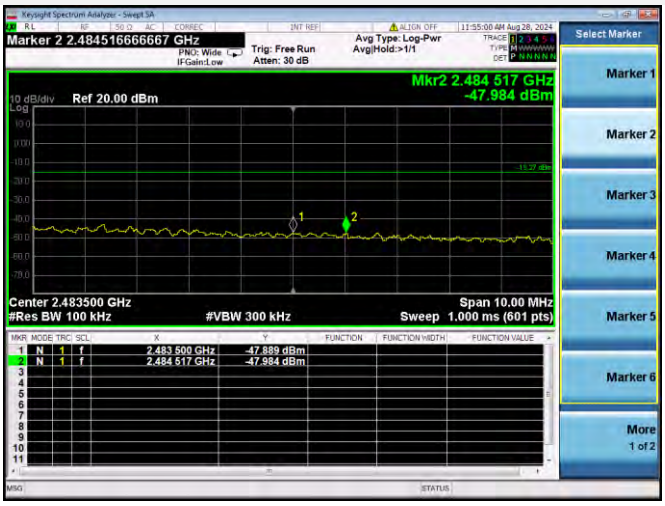
802.11g LOW CHANNEL, BAND EDGE



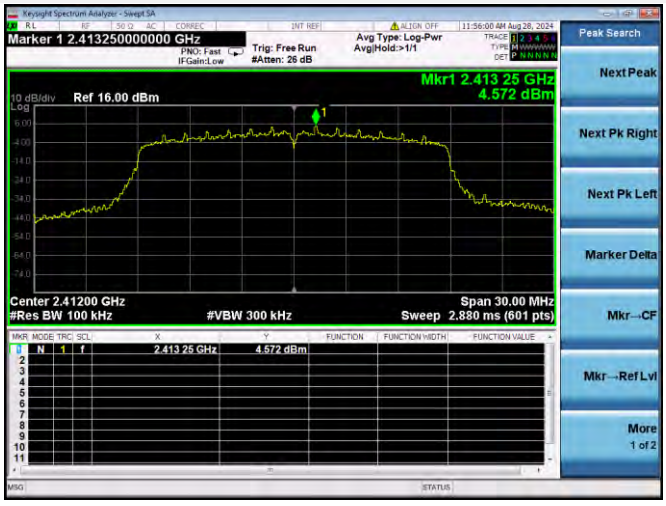
802.11g HIGH CHANNEL, CARRIER LEVEL



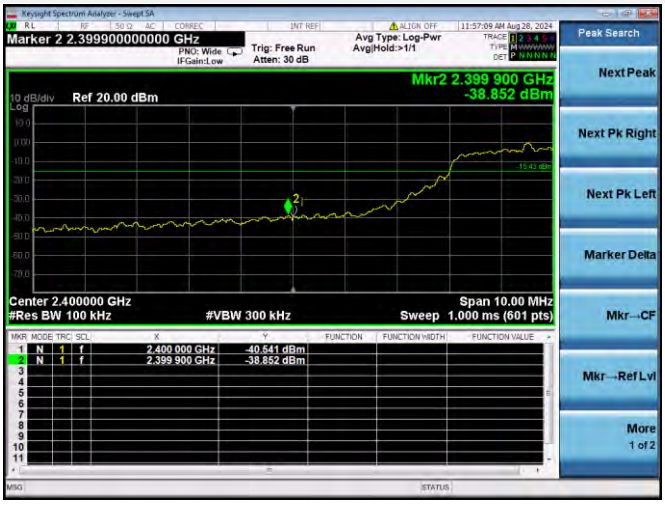
802.11g HIGH CHANNEL, BAND EDGE



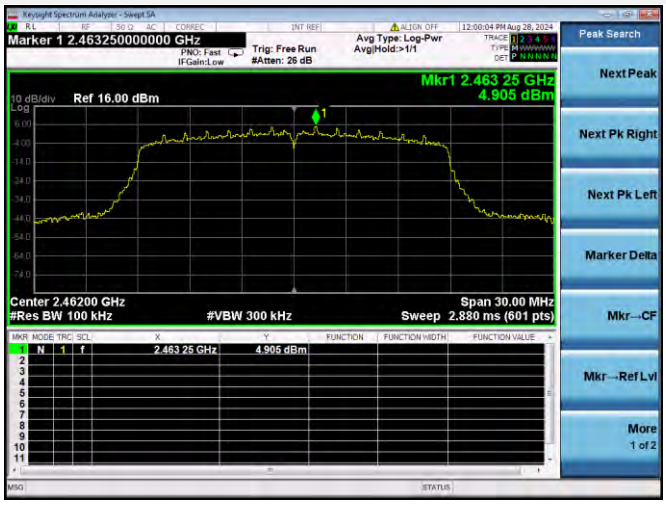
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



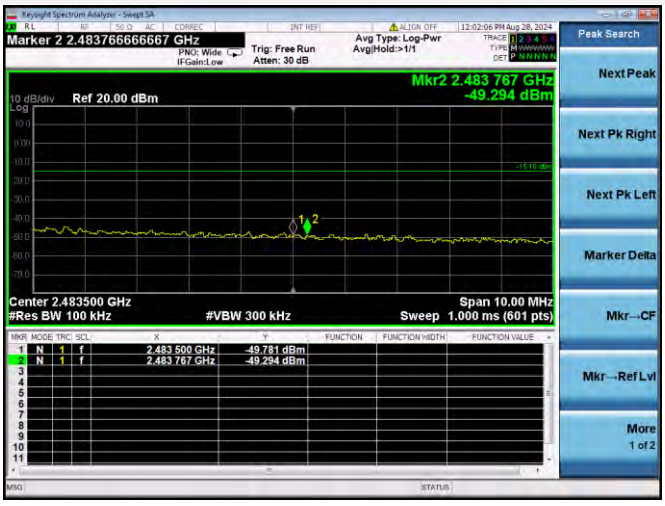
802.11n-20 MHz LOW CHANNEL, BAND EDGE



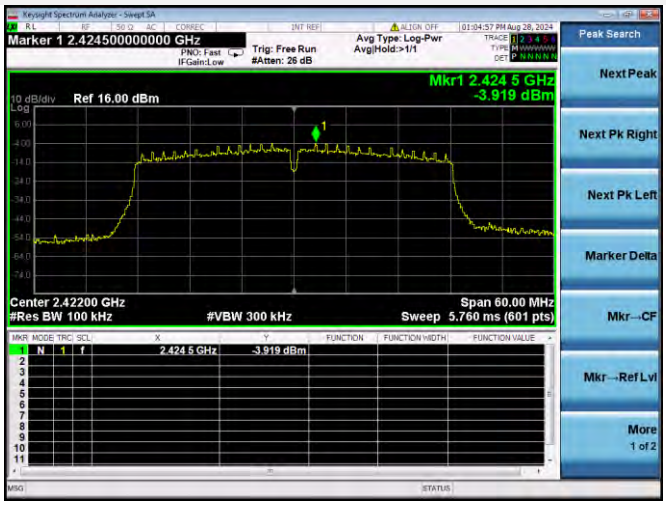
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



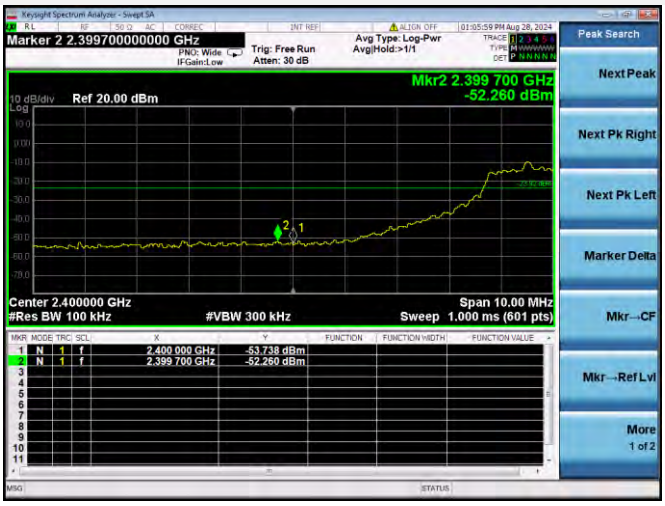
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



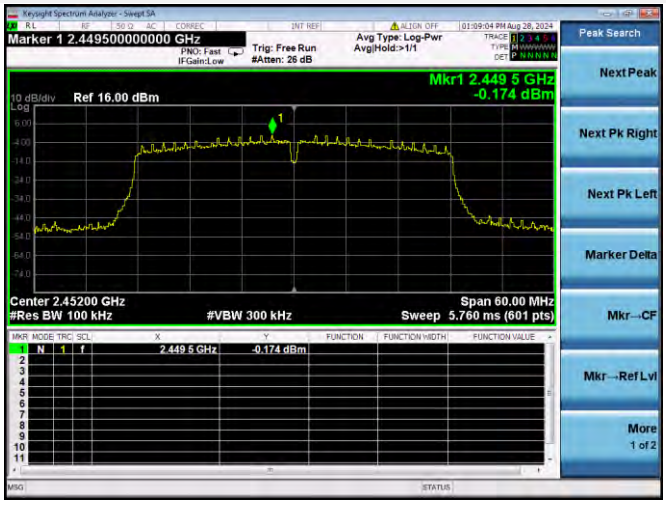
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



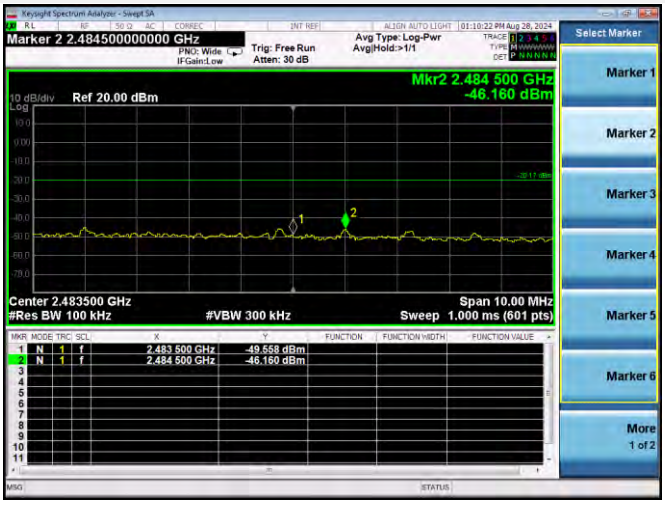
802.11n-40 MHz LOW CHANNEL, BAND EDGE



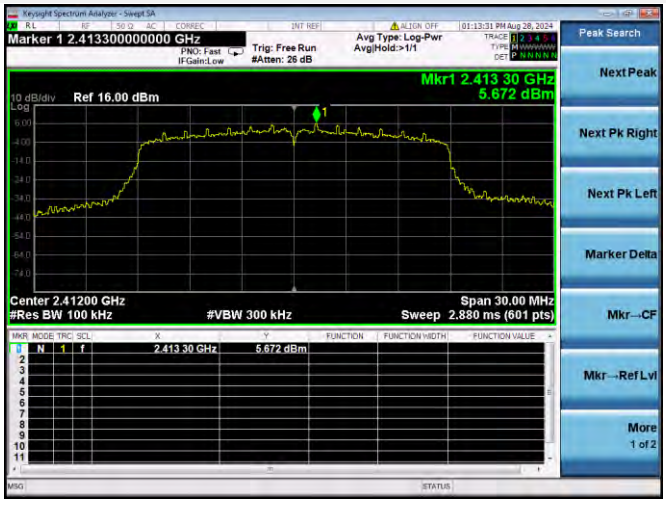
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



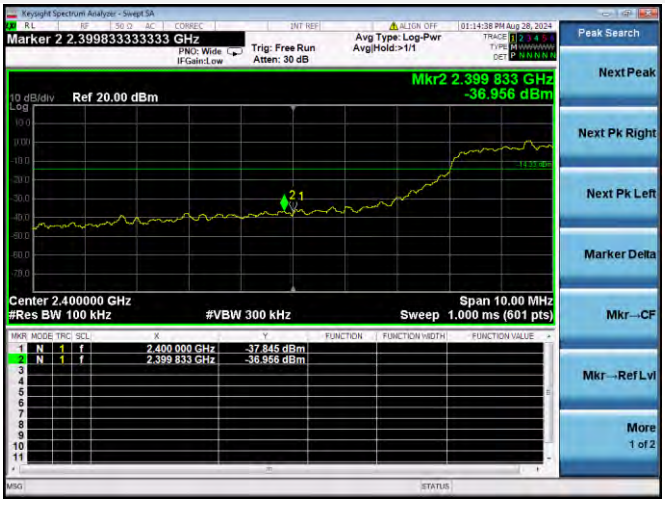
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



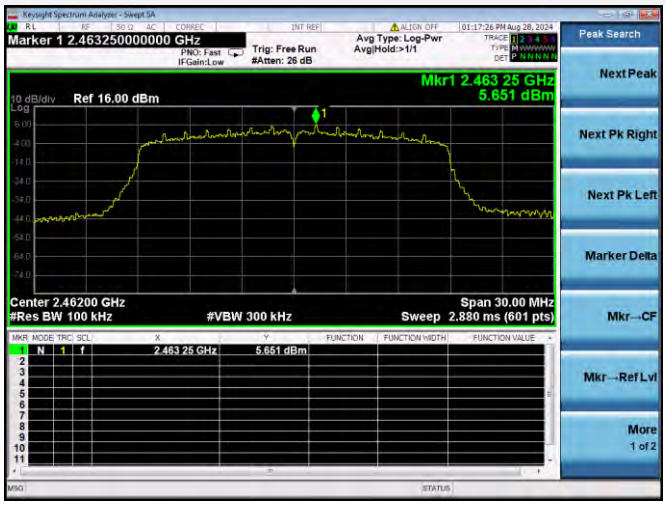
VHT-20 MHz LOW CHANNEL, CARRIER LEVEL



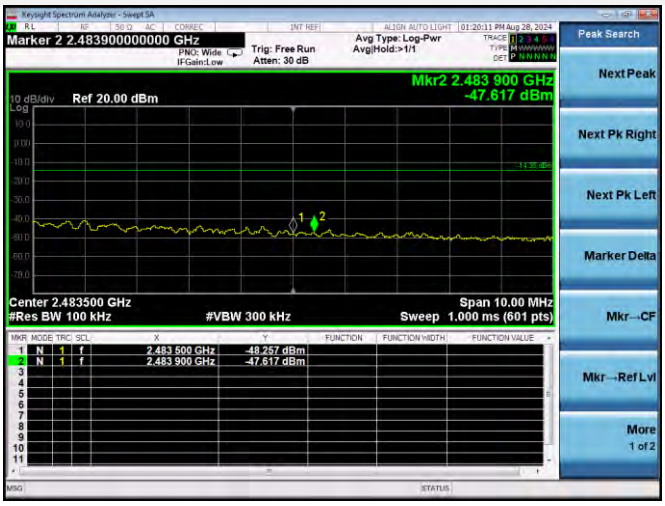
VHT-20 MHz LOW CHANNEL, BAND EDGE



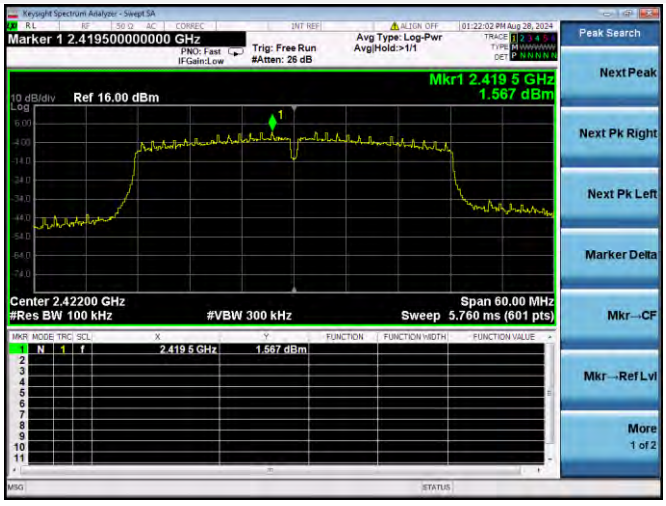
VHT-20 MHz HIGH CHANNEL, CARRIER LEVEL



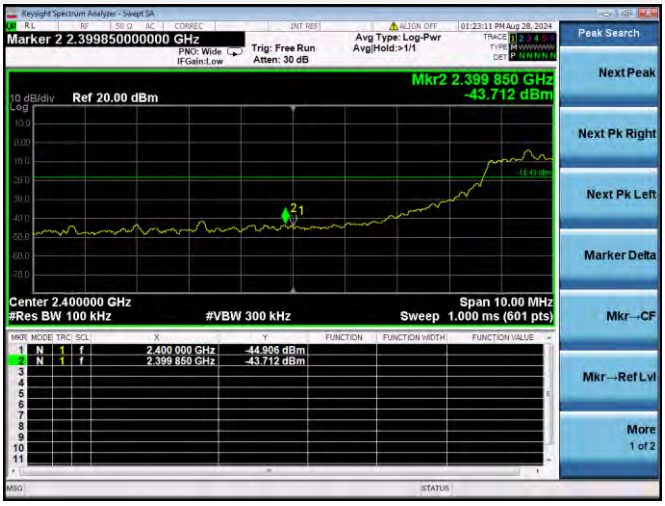
VHT-20 MHz HIGH CHANNEL, BAND EDGE



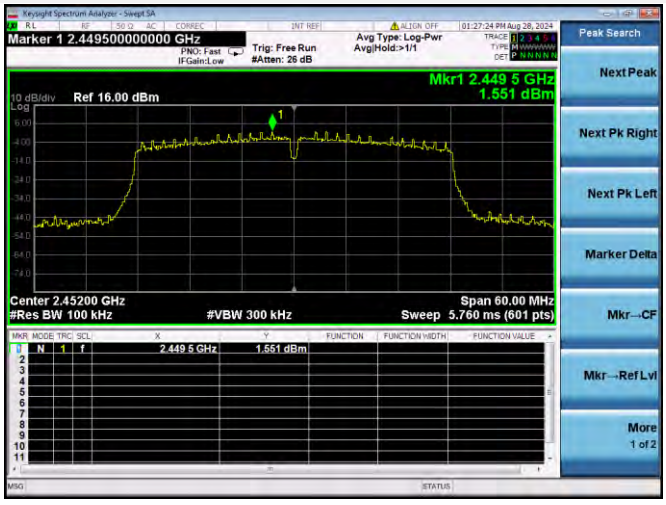
VHT-40 MHz LOW CHANNEL, CARRIER LEVEL



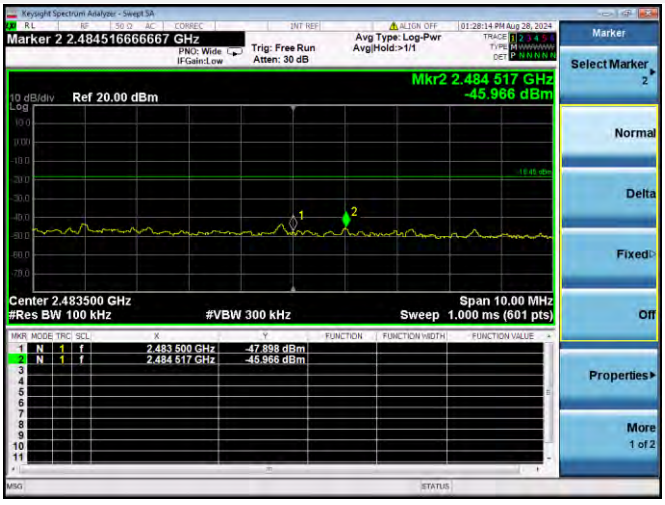
VHT-40 MHz LOW CHANNEL, BAND EDGE



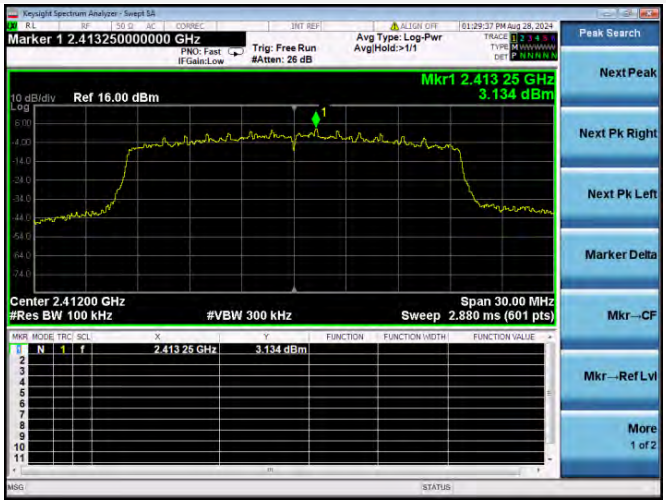
VHT-40 MHz HIGH CHANNEL, CARRIER LEVEL



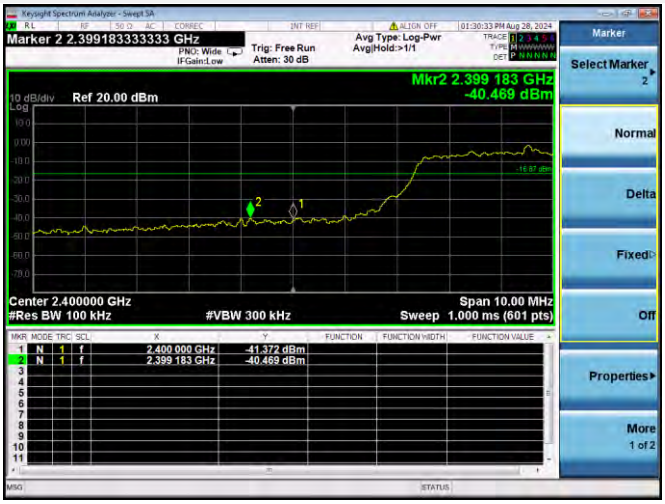
VHT-40 MHz HIGH CHANNEL, BAND EDGE



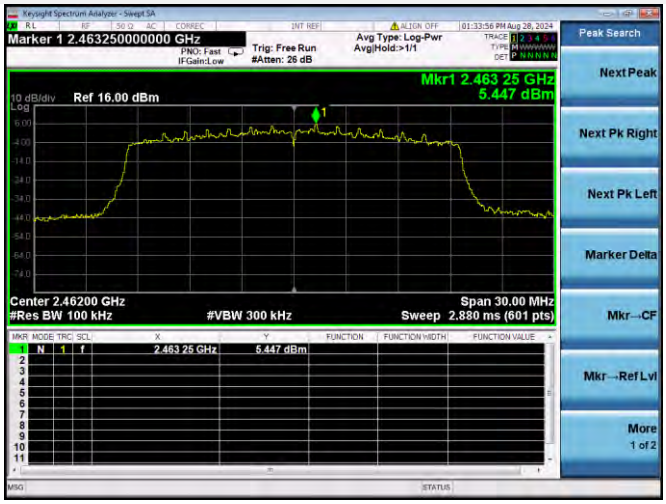
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



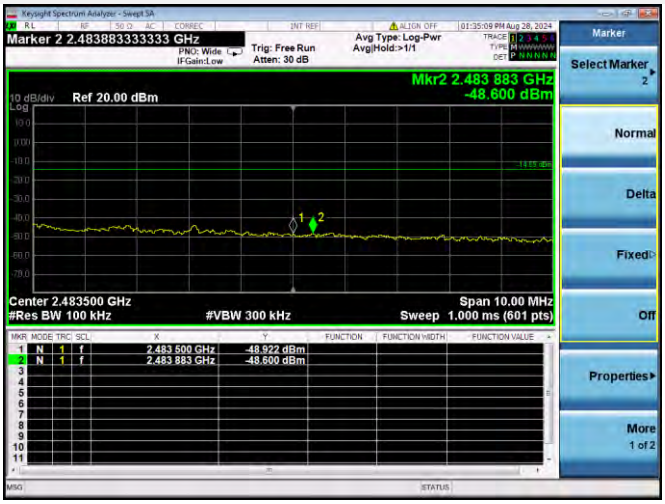
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



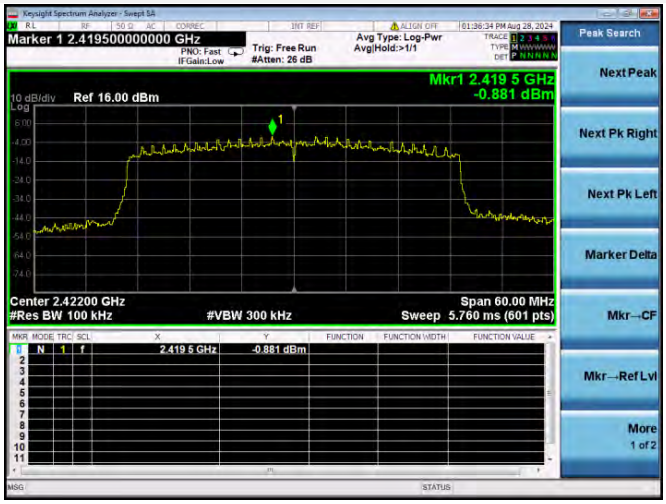
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



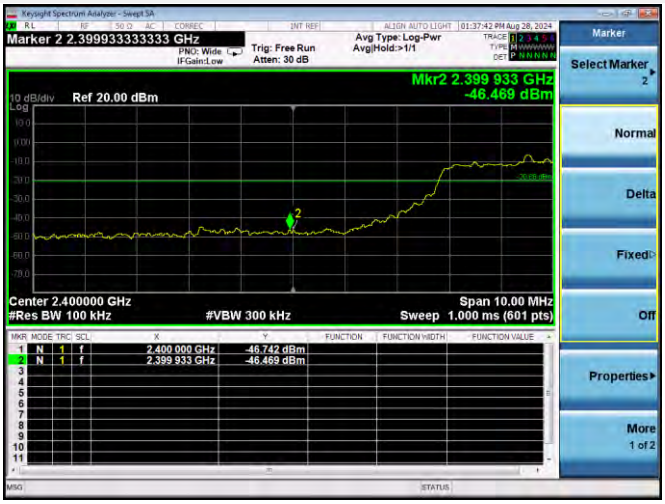
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



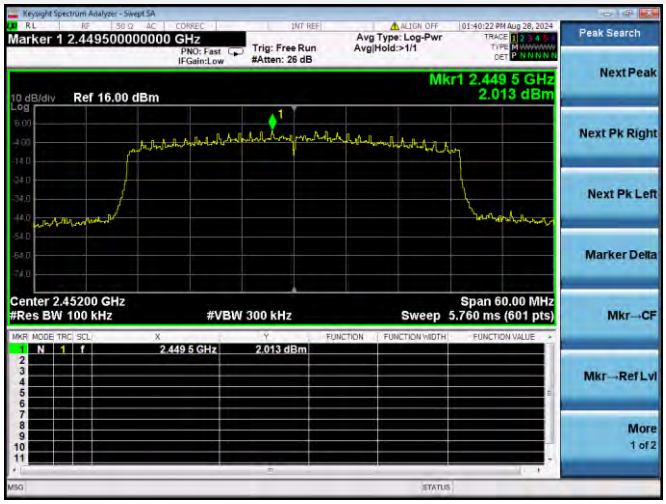
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



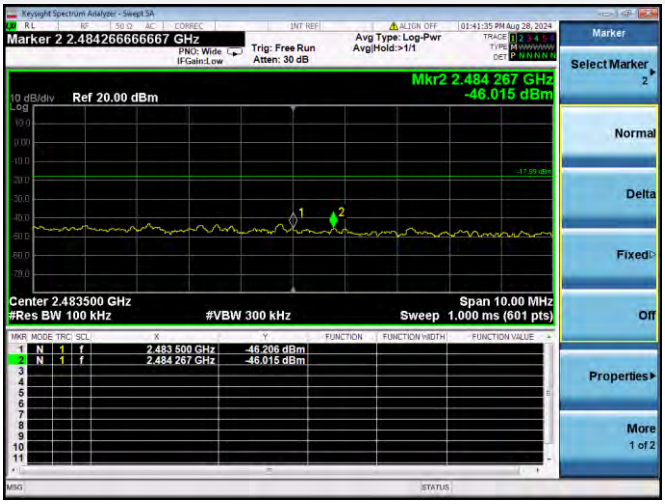
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

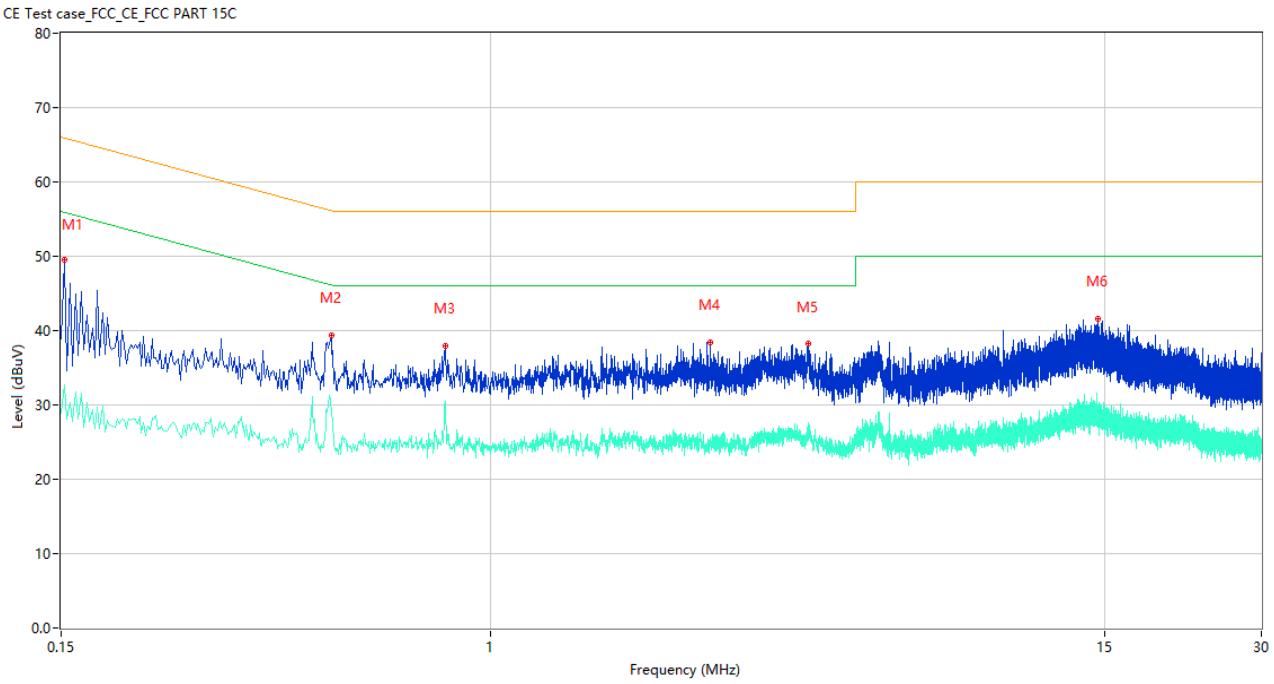
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

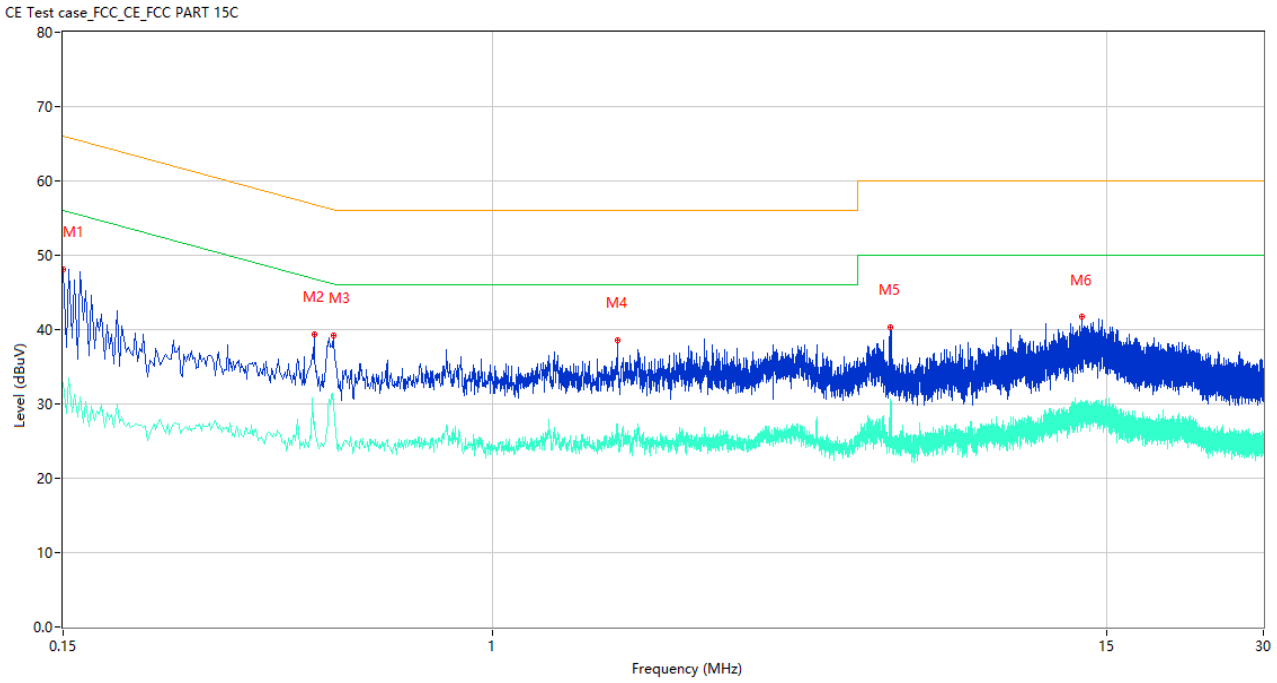
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	49.46	9.78	65.89	16.43	Peak	L	Pass
1**	0.152	32.67	9.78	55.89	23.22	AV	L	Pass
2	0.494	39.37	9.99	56.10	16.73	Peak	L	Pass
2**	0.494	28.70	9.99	46.10	17.40	AV	L	Pass
3	0.818	38.00	10.56	56.00	18.00	Peak	L	Pass
3**	0.818	30.50	10.56	46.00	15.50	AV	L	Pass
4	2.636	38.42	10.10	56.00	17.58	Peak	L	Pass
4**	2.636	25.55	10.10	46.00	20.45	AV	L	Pass
5	4.066	38.20	10.38	56.00	17.80	Peak	L	Pass
5**	4.066	27.16	10.38	46.00	18.84	AV	L	Pass
6	14.610	41.59	10.62	60.00	18.41	Peak	L	Pass
6**	14.610	29.11	10.62	50.00	20.89	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	48.08	9.78	66.00	17.92	Peak	N	Pass
1**	0.150	32.80	9.78	56.00	23.20	AV	N	Pass
2	0.454	39.40	10.02	56.80	17.40	Peak	N	Pass
2**	0.454	27.62	10.02	46.80	19.18	AV	N	Pass
3	0.494	39.23	9.99	56.10	16.87	Peak	N	Pass
3**	0.494	29.88	9.99	46.10	16.22	AV	N	Pass
4	1.736	38.56	10.16	56.00	17.44	Peak	N	Pass
4**	1.736	27.26	10.16	46.00	18.74	AV	N	Pass
5	5.794	40.34	10.21	60.00	19.66	Peak	N	Pass
5**	5.794	30.65	10.21	50.00	19.35	AV	N	Pass
6	13.448	41.70	10.42	60.00	18.30	Peak	N	Pass
6**	13.448	30.32	10.42	50.00	19.68	AV	N	Pass

A.6 Radiated Emission

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

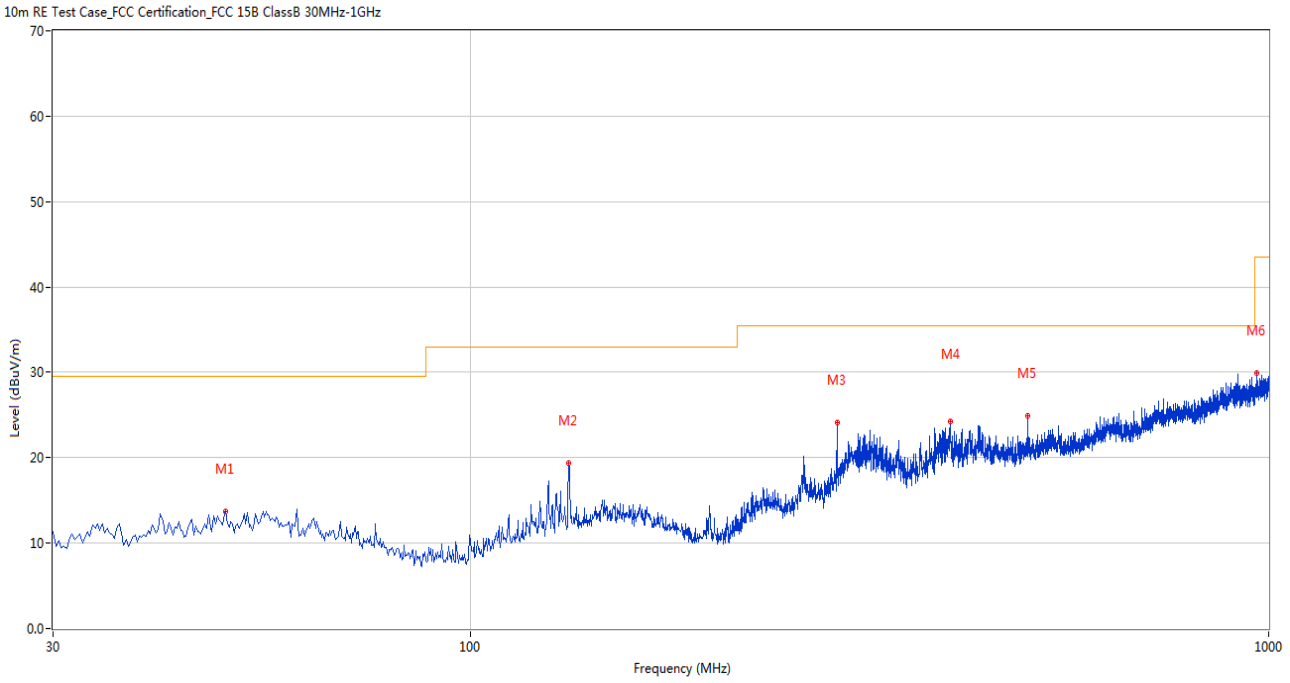
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

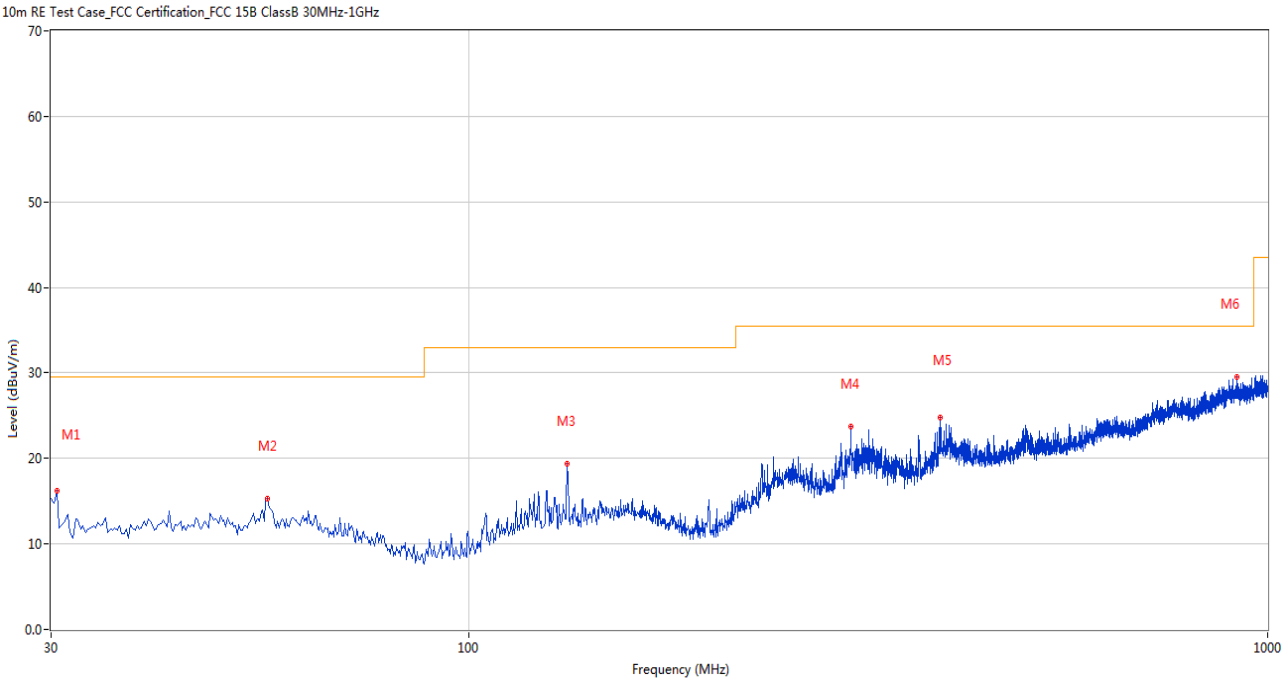
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.395	13.76	-26.02	29.5	15.74	Peak	0.00	200	Horizontal	Pass
2	132.794	19.36	-26.86	33.0	13.64	Peak	0.00	200	Horizontal	Pass
3	287.956	24.10	-25.18	35.5	11.40	Peak	304.00	200	Horizontal	Pass
4	399.235	24.31	-22.38	35.5	11.19	Peak	0.00	200	Horizontal	Pass
5	499.363	24.90	-19.37	35.5	10.60	Peak	121.00	100	Horizontal	Pass
6	965.331	29.88	-10.09	43.5	13.62	Peak	313.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	16.20	-27.76	29.5	13.30	Peak	182.00	100	Vertical	Pass
2	55.941	15.25	-26.20	29.5	14.25	Peak	335.00	200	Vertical	Pass
3	132.794	19.35	-26.86	33.0	13.65	Peak	232.00	100	Vertical	Pass
4	300.805	23.76	-24.86	35.5	11.74	Peak	338.00	100	Vertical	Pass
5	389.295	24.75	-22.44	35.5	10.75	Peak	71.00	100	Vertical	Pass
6	915.631	29.50	-10.44	35.5	6.00	Peak	182.00	100	Vertical	Pass

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

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.875	45.50	74.0	28.50	Peak	281.00	100	Horizontal	Pass
1**	1326.875	39.36	54.0	14.64	AV	281.00	100	Horizontal	Pass
2	3000.207	49.73	74.0	24.27	Peak	270.00	100	Horizontal	Pass
2**	3000.207	43.38	54.0	10.62	AV	270.00	100	Horizontal	Pass
3	4935.647	53.04	74.0	20.96	Peak	18.00	200	Horizontal	Pass
3**	4935.647	40.83	54.0	13.17	AV	18.00	200	Horizontal	Pass
4	6805.148	53.84	74.0	20.16	Peak	92.00	200	Horizontal	Pass
4**	6805.148	42.16	54.0	11.84	AV	92.00	200	Horizontal	Pass
5	13413.192	57.91	74.0	16.09	Peak	77.00	400	Horizontal	Pass
5**	13413.192	45.94	54.0	8.06	AV	77.00	400	Horizontal	Pass
6	17428.538	58.30	74.0	15.70	Peak	87.00	300	Horizontal	Pass
6**	17428.538	48.03	54.0	5.97	AV	87.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.879	43.81	74.0	30.19	Peak	52.00	400	Vertical	Pass
1**	1336.879	35.48	54.0	18.52	AV	52.00	400	Vertical	Pass
2	2980.650	49.49	74.0	24.51	Peak	4.00	400	Vertical	Pass
2**	2980.650	41.52	54.0	12.48	AV	4.00	400	Vertical	Pass
3	4851.614	47.30	74.0	26.70	Peak	72.00	200	Vertical	Pass
3**	4851.614	38.73	54.0	15.27	AV	72.00	200	Vertical	Pass
4	6606.979	52.20	74.0	21.80	Peak	160.00	400	Vertical	Pass
4**	6606.979	44.41	54.0	9.59	AV	160.00	400	Vertical	Pass
5	13434.675	54.70	74.0	19.30	Peak	195.00	300	Vertical	Pass
5**	13434.675	43.46	54.0	10.54	AV	195.00	300	Vertical	Pass
6	17417.823	59.32	74.0	14.68	Peak	213.00	200	Vertical	Pass
6**	17417.823	46.63	54.0	7.37	AV	213.00	200	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	1330.463	45.75	74.0	28.25	Peak	130.00	400	Horizontal	Pass
1**	1330.463	35.72	54.0	18.28	AV	130.00	400	Horizontal	Pass
2	2999.174	47.60	74.0	26.40	Peak	325.00	400	Horizontal	Pass
2**	2999.174	40.16	54.0	13.84	AV	325.00	400	Horizontal	Pass
3	4936.429	50.30	74.0	23.70	Peak	38.00	200	Horizontal	Pass
3**	4936.429	43.11	54.0	10.89	AV	38.00	200	Horizontal	Pass
4	6805.701	53.82	74.0	20.18	Peak	172.00	100	Horizontal	Pass
4**	6805.701	47.36	54.0	6.64	AV	172.00	100	Horizontal	Pass
5	13409.373	57.47	74.0	16.53	Peak	129.00	100	Horizontal	Pass
5**	13409.373	44.36	54.0	9.64	AV	129.00	100	Horizontal	Pass
6	17428.958	56.23	74.0	17.77	Peak	353.00	200	Horizontal	Pass
6**	17428.958	45.41	54.0	8.59	AV	353.00	200	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	1330.252	45.74	74.0	28.26	Peak	13.00	100	Vertical	Pass
1**	1330.252	37.56	54.0	16.44	AV	13.00	100	Vertical	Pass
2	2985.853	47.89	74.0	26.11	Peak	199.00	100	Vertical	Pass
2**	2985.853	40.63	54.0	13.37	AV	199.00	100	Vertical	Pass
3	4857.735	50.52	74.0	23.48	Peak	26.00	200	Vertical	Pass
3**	4857.735	38.74	54.0	15.26	AV	26.00	200	Vertical	Pass
4	6609.411	55.55	74.0	18.45	Peak	97.00	100	Vertical	Pass
4**	6609.411	45.06	54.0	8.94	AV	97.00	100	Vertical	Pass
5	13432.737	55.72	74.0	18.28	Peak	261.00	100	Vertical	Pass
5**	13432.737	48.64	54.0	5.36	AV	261.00	100	Vertical	Pass
6	17419.854	58.33	74.0	15.67	Peak	162.00	200	Vertical	Pass
6**	17419.854	47.00	54.0	7.00	AV	162.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.132	43.98	74.0	30.02	Peak	212.00	100	Horizontal	Pass
1**	1332.132	39.42	54.0	14.58	AV	212.00	100	Horizontal	Pass
2	2995.809	52.45	74.0	21.55	Peak	314.00	100	Horizontal	Pass
2**	2995.809	41.88	54.0	12.12	AV	314.00	100	Horizontal	Pass
3	4937.799	53.26	74.0	20.74	Peak	205.00	200	Horizontal	Pass
3**	4937.799	43.97	54.0	10.03	AV	205.00	200	Horizontal	Pass
4	6810.896	55.35	74.0	18.65	Peak	303.00	400	Horizontal	Pass
4**	6810.896	45.15	54.0	8.85	AV	303.00	400	Horizontal	Pass
5	13412.194	53.92	74.0	20.08	Peak	293.00	100	Horizontal	Pass
5**	13412.194	47.83	54.0	6.17	AV	293.00	100	Horizontal	Pass
6	17426.299	57.18	74.0	16.82	Peak	224.00	400	Horizontal	Pass
6**	17426.299	50.02	54.0	3.98	AV	224.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.682	45.32	74.0	28.68	Peak	136.00	200	Vertical	Pass
1**	1334.682	38.29	54.0	15.71	AV	136.00	200	Vertical	Pass
2	2978.982	47.58	74.0	26.42	Peak	268.00	400	Vertical	Pass
2**	2978.982	41.57	54.0	12.43	AV	268.00	400	Vertical	Pass
3	4852.733	48.25	74.0	25.75	Peak	69.00	200	Vertical	Pass
3**	4852.733	40.25	54.0	13.75	AV	69.00	200	Vertical	Pass
4	6603.704	56.62	74.0	17.38	Peak	107.00	400	Vertical	Pass
4**	6603.704	46.74	54.0	7.26	AV	107.00	400	Vertical	Pass
5	13433.644	54.02	74.0	19.98	Peak	22.00	100	Vertical	Pass
5**	13433.644	45.88	54.0	8.12	AV	22.00	100	Vertical	Pass
6	17419.071	59.64	74.0	14.36	Peak	98.00	100	Vertical	Pass
6**	17419.071	48.33	54.0	5.67	AV	98.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.092	42.97	74.0	31.03	Peak	43.00	200	Horizontal	Pass
1**	1327.092	39.42	54.0	14.58	AV	43.00	200	Horizontal	Pass
2	2997.523	52.35	74.0	21.65	Peak	30.00	400	Horizontal	Pass
2**	2997.523	43.38	54.0	10.62	AV	30.00	400	Horizontal	Pass
3	4937.450	52.03	74.0	21.97	Peak	187.00	200	Horizontal	Pass
3**	4937.450	42.01	54.0	11.99	AV	187.00	200	Horizontal	Pass
4	6809.152	55.59	74.0	18.41	Peak	159.00	200	Horizontal	Pass
4**	6809.152	46.81	54.0	7.19	AV	159.00	200	Horizontal	Pass
5	13414.737	57.22	74.0	16.78	Peak	23.00	100	Horizontal	Pass
5**	13414.737	44.23	54.0	9.77	AV	23.00	100	Horizontal	Pass
6	17427.203	54.02	74.0	19.98	Peak	292.00	400	Horizontal	Pass
6**	17427.203	45.15	54.0	8.85	AV	292.00	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	1332.987	43.87	74.0	30.13	Peak	239.00	100	Vertical	Pass
1**	1332.987	40.02	54.0	13.98	AV	239.00	100	Vertical	Pass
2	2978.202	49.01	74.0	24.99	Peak	102.00	300	Vertical	Pass
2**	2978.202	39.24	54.0	14.76	AV	102.00	300	Vertical	Pass
3	4856.250	47.83	74.0	26.17	Peak	333.00	200	Vertical	Pass
3**	4856.250	43.34	54.0	10.66	AV	333.00	200	Vertical	Pass
4	6604.870	53.29	74.0	20.71	Peak	224.00	300	Vertical	Pass
4**	6604.870	46.69	54.0	7.31	AV	224.00	300	Vertical	Pass
5	13432.004	57.99	74.0	16.01	Peak	277.00	400	Vertical	Pass
5**	13432.004	46.12	54.0	7.88	AV	277.00	400	Vertical	Pass
6	17419.993	54.48	74.0	19.52	Peak	107.00	200	Vertical	Pass
6**	17419.993	44.96	54.0	9.04	AV	107.00	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	1325.862	44.86	74.0	29.14	Peak	218.00	300	Horizontal	Pass
1**	1325.862	34.45	54.0	19.55	AV	218.00	300	Horizontal	Pass
2	2993.359	52.77	74.0	21.23	Peak	316.00	400	Horizontal	Pass
2**	2993.359	39.75	54.0	14.25	AV	316.00	400	Horizontal	Pass
3	4938.015	53.90	74.0	20.10	Peak	26.00	200	Horizontal	Pass
3**	4938.015	44.44	54.0	9.56	AV	26.00	200	Horizontal	Pass
4	6804.370	53.86	74.0	20.14	Peak	237.00	300	Horizontal	Pass
4**	6804.370	42.51	54.0	11.49	AV	237.00	300	Horizontal	Pass
5	13409.920	55.18	74.0	18.82	Peak	66.00	400	Horizontal	Pass
5**	13409.920	49.07	54.0	4.93	AV	66.00	400	Horizontal	Pass
6	17428.457	56.12	74.0	17.88	Peak	272.00	300	Horizontal	Pass
6**	17428.457	45.47	54.0	8.53	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.083	44.52	74.0	29.48	Peak	306.00	400	Vertical	Pass
1**	1335.083	35.67	54.0	18.33	AV	306.00	400	Vertical	Pass
2	2981.794	51.79	74.0	22.21	Peak	310.00	300	Vertical	Pass
2**	2981.794	41.09	54.0	12.91	AV	310.00	300	Vertical	Pass
3	4852.385	50.87	74.0	23.13	Peak	227.00	200	Vertical	Pass
3**	4852.385	40.19	54.0	13.81	AV	227.00	200	Vertical	Pass
4	6605.292	57.22	74.0	16.78	Peak	248.00	300	Vertical	Pass
4**	6605.292	44.53	54.0	9.47	AV	248.00	300	Vertical	Pass
5	13432.183	53.18	74.0	20.82	Peak	200.00	300	Vertical	Pass
5**	13432.183	48.79	54.0	5.21	AV	200.00	300	Vertical	Pass
6	17416.600	55.21	74.0	18.79	Peak	243.00	300	Vertical	Pass
6**	17416.600	46.64	54.0	7.36	AV	243.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.962	44.08	74.0	29.92	Peak	179.00	300	Horizontal	Pass
1**	1328.962	36.60	54.0	17.40	AV	179.00	300	Horizontal	Pass
2	2994.355	53.26	74.0	20.74	Peak	2.00	200	Horizontal	Pass
2**	2994.355	42.03	54.0	11.97	AV	2.00	200	Horizontal	Pass
3	4936.436	49.17	74.0	24.83	Peak	230.00	200	Horizontal	Pass
3**	4936.436	41.29	54.0	12.71	AV	230.00	200	Horizontal	Pass
4	6809.380	54.80	74.0	19.20	Peak	99.00	200	Horizontal	Pass
4**	6809.380	46.30	54.0	7.70	AV	99.00	200	Horizontal	Pass
5	13410.875	57.54	74.0	16.46	Peak	321.00	200	Horizontal	Pass
5**	13410.875	44.30	54.0	9.70	AV	321.00	200	Horizontal	Pass
6	17426.335	53.26	74.0	20.74	Peak	45.00	200	Horizontal	Pass
6**	17426.335	50.06	54.0	3.94	AV	45.00	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	1336.052	43.72	74.0	30.28	Peak	337.00	300	Vertical	Pass
1**	1336.052	40.59	54.0	13.41	AV	337.00	300	Vertical	Pass
2	2984.448	50.14	74.0	23.86	Peak	191.00	400	Vertical	Pass
2**	2984.448	41.57	54.0	12.43	AV	191.00	400	Vertical	Pass
3	4850.782	52.39	74.0	21.61	Peak	73.00	200	Vertical	Pass
3**	4850.782	40.11	54.0	13.89	AV	73.00	200	Vertical	Pass
4	6608.843	56.56	74.0	17.44	Peak	356.00	200	Vertical	Pass
4**	6608.843	45.24	54.0	8.76	AV	356.00	200	Vertical	Pass
5	13435.201	54.92	74.0	19.08	Peak	76.00	400	Vertical	Pass
5**	13435.201	44.39	54.0	9.61	AV	76.00	400	Vertical	Pass
6	17413.381	54.51	74.0	19.49	Peak	52.00	100	Vertical	Pass
6**	17413.381	49.46	54.0	4.54	AV	52.00	100	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	1327.868	46.05	74.0	27.95	Peak	177.00	200	Horizontal	Pass
1**	1327.868	34.41	54.0	19.59	AV	177.00	200	Horizontal	Pass
2	2998.619	49.05	74.0	24.95	Peak	67.00	400	Horizontal	Pass
2**	2998.619	38.99	54.0	15.01	AV	67.00	400	Horizontal	Pass
3	4935.098	54.21	74.0	19.79	Peak	87.00	200	Horizontal	Pass
3**	4935.098	40.09	54.0	13.91	AV	87.00	200	Horizontal	Pass
4	6809.498	52.40	74.0	21.60	Peak	355.00	400	Horizontal	Pass
4**	6809.498	43.43	54.0	10.57	AV	355.00	400	Horizontal	Pass
5	13409.575	56.72	74.0	17.28	Peak	264.00	300	Horizontal	Pass
5**	13409.575	49.36	54.0	4.64	AV	264.00	300	Horizontal	Pass
6	17429.743	58.91	74.0	15.09	Peak	183.00	300	Horizontal	Pass
6**	17429.743	45.72	54.0	8.28	AV	183.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.315	47.88	74.0	26.12	Peak	311.00	400	Vertical	Pass
1**	1330.315	35.93	54.0	18.07	AV	311.00	400	Vertical	Pass
2	2980.583	52.07	74.0	21.93	Peak	355.00	200	Vertical	Pass
2**	2980.583	43.36	54.0	10.64	AV	355.00	200	Vertical	Pass
3	4852.679	50.05	74.0	23.95	Peak	186.00	200	Vertical	Pass
3**	4852.679	42.55	54.0	11.45	AV	186.00	200	Vertical	Pass
4	6609.271	54.64	74.0	19.36	Peak	310.00	200	Vertical	Pass
4**	6609.271	42.31	54.0	11.69	AV	310.00	200	Vertical	Pass
5	13433.618	52.61	74.0	21.39	Peak	226.00	100	Vertical	Pass
5**	13433.618	44.44	54.0	9.56	AV	226.00	100	Vertical	Pass
6	17417.549	59.58	74.0	14.42	Peak	135.00	200	Vertical	Pass
6**	17417.549	46.73	54.0	7.27	AV	135.00	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	1326.771	47.00	74.0	27.00	Peak	298.00	400	Horizontal	Pass
1**	1326.771	39.78	54.0	14.22	AV	298.00	400	Horizontal	Pass
2	2997.305	51.04	74.0	22.96	Peak	176.00	300	Horizontal	Pass
2**	2997.305	43.14	54.0	10.86	AV	176.00	300	Horizontal	Pass
3	4936.512	53.11	74.0	20.89	Peak	133.00	200	Horizontal	Pass
3**	4936.512	40.45	54.0	13.55	AV	133.00	200	Horizontal	Pass
4	6808.721	55.53	74.0	18.47	Peak	63.00	200	Horizontal	Pass
4**	6808.721	43.84	54.0	10.16	AV	63.00	200	Horizontal	Pass
5	13411.255	57.04	74.0	16.96	Peak	32.00	100	Horizontal	Pass
5**	13411.255	49.07	54.0	4.93	AV	32.00	100	Horizontal	Pass
6	17425.885	58.76	74.0	15.24	Peak	120.00	100	Horizontal	Pass
6**	17425.885	47.49	54.0	6.51	AV	120.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.795	44.63	74.0	29.37	Peak	267.00	400	Vertical	Pass
1**	1336.795	36.60	54.0	17.40	AV	267.00	400	Vertical	Pass
2	2985.072	49.30	74.0	24.70	Peak	263.00	200	Vertical	Pass
2**	2985.072	41.11	54.0	12.89	AV	263.00	200	Vertical	Pass
3	4858.028	51.92	74.0	22.08	Peak	280.00	200	Vertical	Pass
3**	4858.028	42.30	54.0	11.70	AV	280.00	200	Vertical	Pass
4	6611.028	52.76	74.0	21.24	Peak	28.00	200	Vertical	Pass
4**	6611.028	42.86	54.0	11.14	AV	28.00	200	Vertical	Pass
5	13438.198	58.36	74.0	15.64	Peak	264.00	200	Vertical	Pass
5**	13438.198	44.62	54.0	9.38	AV	264.00	200	Vertical	Pass
6	17415.442	59.44	74.0	14.56	Peak	346.00	200	Vertical	Pass
6**	17415.442	47.48	54.0	6.52	AV	346.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.233	43.12	74.0	30.88	Peak	207.00	400	Horizontal	Pass
1**	1330.233	34.73	54.0	19.27	AV	207.00	400	Horizontal	Pass
2	2997.449	52.62	74.0	21.38	Peak	151.00	100	Horizontal	Pass
2**	2997.449	41.40	54.0	12.60	AV	151.00	100	Horizontal	Pass
3	4934.696	52.82	74.0	21.18	Peak	66.00	200	Horizontal	Pass
3**	4934.696	43.98	54.0	10.02	AV	66.00	200	Horizontal	Pass
4	6809.672	51.55	74.0	22.45	Peak	353.00	300	Horizontal	Pass
4**	6809.672	44.30	54.0	9.70	AV	353.00	300	Horizontal	Pass
5	13414.257	55.92	74.0	18.08	Peak	126.00	300	Horizontal	Pass
5**	13414.257	44.18	54.0	9.82	AV	126.00	300	Horizontal	Pass
6	17423.552	54.23	74.0	19.77	Peak	190.00	200	Horizontal	Pass
6**	17423.552	44.52	54.0	9.48	AV	190.00	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	1329.910	44.33	74.0	29.67	Peak	68.00	200	Vertical	Pass
1**	1329.910	38.23	54.0	15.77	AV	68.00	200	Vertical	Pass
2	2978.252	50.45	74.0	23.55	Peak	196.00	400	Vertical	Pass
2**	2978.252	44.32	54.0	9.68	AV	196.00	400	Vertical	Pass
3	4853.547	48.01	74.0	25.99	Peak	247.00	200	Vertical	Pass
3**	4853.547	38.23	54.0	15.77	AV	247.00	200	Vertical	Pass
4	6604.161	56.15	74.0	17.85	Peak	207.00	100	Vertical	Pass
4**	6604.161	47.45	54.0	6.55	AV	207.00	100	Vertical	Pass
5	13437.901	55.49	74.0	18.51	Peak	223.00	300	Vertical	Pass
5**	13437.901	47.40	54.0	6.60	AV	223.00	300	Vertical	Pass
6	17416.406	58.16	74.0	15.84	Peak	340.00	200	Vertical	Pass
6**	17416.406	47.37	54.0	6.63	AV	340.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.661	45.39	74.0	28.61	Peak	30.00	100	Horizontal	Pass
1**	1333.661	34.82	54.0	19.18	AV	30.00	100	Horizontal	Pass
2	2995.884	47.78	74.0	26.22	Peak	7.00	100	Horizontal	Pass
2**	2995.884	43.65	54.0	10.35	AV	7.00	100	Horizontal	Pass
3	4931.551	48.72	74.0	25.28	Peak	146.00	200	Horizontal	Pass
3**	4931.551	38.88	54.0	15.12	AV	146.00	200	Horizontal	Pass
4	6804.127	52.15	74.0	21.85	Peak	175.00	100	Horizontal	Pass
4**	6804.127	47.02	54.0	6.98	AV	175.00	100	Horizontal	Pass
5	13412.347	56.66	74.0	17.34	Peak	84.00	400	Horizontal	Pass
5**	13412.347	45.63	54.0	8.37	AV	84.00	400	Horizontal	Pass
6	17426.784	56.09	74.0	17.91	Peak	80.00	200	Horizontal	Pass
6**	17426.784	48.16	54.0	5.84	AV	80.00	200	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	1335.283	48.08	74.0	25.92	Peak	91.00	300	Vertical	Pass
1**	1335.283	37.85	54.0	16.15	AV	91.00	300	Vertical	Pass
2	2982.894	50.85	74.0	23.15	Peak	61.00	300	Vertical	Pass
2**	2982.894	42.32	54.0	11.68	AV	61.00	300	Vertical	Pass
3	4855.097	48.08	74.0	25.92	Peak	138.00	200	Vertical	Pass
3**	4855.097	38.83	54.0	15.17	AV	138.00	200	Vertical	Pass
4	6603.997	53.17	74.0	20.83	Peak	273.00	300	Vertical	Pass
4**	6603.997	44.32	54.0	9.68	AV	273.00	300	Vertical	Pass
5	13434.963	58.17	74.0	15.83	Peak	144.00	200	Vertical	Pass
5**	13434.963	47.98	54.0	6.02	AV	144.00	200	Vertical	Pass
6	17417.146	59.87	74.0	14.13	Peak	35.00	300	Vertical	Pass
6**	17417.146	48.46	54.0	5.54	AV	35.00	300	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	1328.283	43.96	74.0	30.04	Peak	251.00	400	Horizontal	Pass
1**	1328.283	35.81	54.0	18.19	AV	251.00	400	Horizontal	Pass
2	2994.276	50.71	74.0	23.29	Peak	91.00	100	Horizontal	Pass
2**	2994.276	40.36	54.0	13.64	AV	91.00	100	Horizontal	Pass
3	4930.792	51.28	74.0	22.72	Peak	273.00	200	Horizontal	Pass
3**	4930.792	44.26	54.0	9.74	AV	273.00	200	Horizontal	Pass
4	6804.555	56.72	74.0	17.28	Peak	27.00	400	Horizontal	Pass
4**	6804.555	44.48	54.0	9.52	AV	27.00	400	Horizontal	Pass
5	13408.591	56.28	74.0	17.72	Peak	324.00	300	Horizontal	Pass
5**	13408.591	45.99	54.0	8.01	AV	324.00	300	Horizontal	Pass
6	17425.049	53.95	74.0	20.05	Peak	71.00	300	Horizontal	Pass
6**	17425.049	47.42	54.0	6.58	AV	71.00	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	1329.775	42.19	74.0	31.81	Peak	101.00	400	Vertical	Pass
1**	1329.775	34.97	54.0	19.03	AV	101.00	400	Vertical	Pass
2	2981.023	49.35	74.0	24.65	Peak	190.00	100	Vertical	Pass
2**	2981.023	40.85	54.0	13.15	AV	190.00	100	Vertical	Pass
3	4855.559	50.23	74.0	23.77	Peak	152.00	200	Vertical	Pass
3**	4855.559	39.68	54.0	14.32	AV	152.00	200	Vertical	Pass
4	6609.727	51.53	74.0	22.47	Peak	138.00	400	Vertical	Pass
4**	6609.727	46.65	54.0	7.35	AV	138.00	400	Vertical	Pass
5	13431.545	53.22	74.0	20.78	Peak	49.00	200	Vertical	Pass
5**	13431.545	45.90	54.0	8.10	AV	49.00	200	Vertical	Pass
6	17419.200	54.20	74.0	19.80	Peak	207.00	200	Vertical	Pass
6**	17419.200	44.56	54.0	9.44	AV	207.00	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	1328.374	45.46	74.0	28.54	Peak	43.00	300	Horizontal	Pass
1**	1328.374	36.21	54.0	17.79	AV	43.00	300	Horizontal	Pass
2	3000.464	51.61	74.0	22.39	Peak	329.00	200	Horizontal	Pass
2**	3000.464	44.25	54.0	9.75	AV	329.00	200	Horizontal	Pass
3	4931.837	52.32	74.0	21.68	Peak	279.00	200	Horizontal	Pass
3**	4931.837	41.81	54.0	12.19	AV	279.00	200	Horizontal	Pass
4	6806.930	55.44	74.0	18.56	Peak	47.00	200	Horizontal	Pass
4**	6806.930	46.11	54.0	7.89	AV	47.00	200	Horizontal	Pass
5	13407.729	54.51	74.0	19.49	Peak	346.00	100	Horizontal	Pass
5**	13407.729	45.04	54.0	8.96	AV	346.00	100	Horizontal	Pass
6	17429.870	57.22	74.0	16.78	Peak	353.00	400	Horizontal	Pass
6**	17429.870	48.17	54.0	5.83	AV	353.00	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	1329.065	44.62	74.0	29.38	Peak	96.00	400	Vertical	Pass
1**	1329.065	40.53	54.0	13.47	AV	96.00	400	Vertical	Pass
2	2981.440	50.54	74.0	23.46	Peak	242.00	100	Vertical	Pass
2**	2981.440	44.68	54.0	9.32	AV	242.00	100	Vertical	Pass
3	4853.608	51.18	74.0	22.82	Peak	345.00	200	Vertical	Pass
3**	4853.608	42.84	54.0	11.16	AV	345.00	200	Vertical	Pass
4	6610.508	51.58	74.0	22.42	Peak	31.00	400	Vertical	Pass
4**	6610.508	45.21	54.0	8.79	AV	31.00	400	Vertical	Pass
5	13432.892	58.22	74.0	15.78	Peak	139.00	300	Vertical	Pass
5**	13432.892	49.32	54.0	4.68	AV	139.00	300	Vertical	Pass
6	17413.275	58.10	74.0	15.90	Peak	136.00	100	Vertical	Pass
6**	17413.275	47.12	54.0	6.88	AV	136.00	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	1332.732	46.94	74.0	27.06	Peak	257.00	100	Horizontal	Pass
1**	1332.732	35.02	54.0	18.98	AV	257.00	100	Horizontal	Pass
2	2996.225	52.70	74.0	21.30	Peak	61.00	400	Horizontal	Pass
2**	2996.225	43.32	54.0	10.68	AV	61.00	400	Horizontal	Pass
3	4937.839	51.40	74.0	22.60	Peak	286.00	200	Horizontal	Pass
3**	4937.839	41.96	54.0	12.04	AV	286.00	200	Horizontal	Pass
4	6806.218	53.27	74.0	20.73	Peak	166.00	100	Horizontal	Pass
4**	6806.218	47.14	54.0	6.86	AV	166.00	100	Horizontal	Pass
5	13409.427	53.26	74.0	20.74	Peak	202.00	200	Horizontal	Pass
5**	13409.427	45.07	54.0	8.93	AV	202.00	200	Horizontal	Pass
6	17423.808	57.34	74.0	16.66	Peak	27.00	400	Horizontal	Pass
6**	17423.808	46.45	54.0	7.55	AV	27.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.684	46.68	74.0	27.32	Peak	28.00	300	Vertical	Pass
1**	1329.684	40.19	54.0	13.81	AV	28.00	300	Vertical	Pass
2	2978.530	49.12	74.0	24.88	Peak	249.00	200	Vertical	Pass
2**	2978.530	44.15	54.0	9.85	AV	249.00	200	Vertical	Pass
3	4855.905	49.48	74.0	24.52	Peak	185.00	200	Vertical	Pass
3**	4855.905	40.63	54.0	13.37	AV	185.00	200	Vertical	Pass
4	6605.815	53.78	74.0	20.22	Peak	93.00	300	Vertical	Pass
4**	6605.815	44.56	54.0	9.44	AV	93.00	300	Vertical	Pass
5	13434.029	53.28	74.0	20.72	Peak	19.00	400	Vertical	Pass
5**	13434.029	48.67	54.0	5.33	AV	19.00	400	Vertical	Pass
6	17418.685	60.00	74.0	14.00	Peak	266.00	300	Vertical	Pass
6**	17418.685	49.99	54.0	4.01	AV	266.00	300	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	1328.844	42.12	74.0	31.88	Peak	201.00	200	Horizontal	Pass
1**	1328.844	34.48	54.0	19.52	AV	201.00	200	Horizontal	Pass
2	2994.615	50.27	74.0	23.73	Peak	246.00	400	Horizontal	Pass
2**	2994.615	42.00	54.0	12.00	AV	246.00	400	Horizontal	Pass
3	4931.185	54.69	74.0	19.31	Peak	352.00	200	Horizontal	Pass
3**	4931.185	41.27	54.0	12.73	AV	352.00	200	Horizontal	Pass
4	6810.812	52.00	74.0	22.00	Peak	294.00	300	Horizontal	Pass
4**	6810.812	47.65	54.0	6.35	AV	294.00	300	Horizontal	Pass
5	13411.232	57.15	74.0	16.85	Peak	30.00	200	Horizontal	Pass
5**	13411.232	44.44	54.0	9.56	AV	30.00	200	Horizontal	Pass
6	17427.767	57.75	74.0	16.25	Peak	351.00	400	Horizontal	Pass
6**	17427.767	47.47	54.0	6.53	AV	351.00	400	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	1335.801	46.04	74.0	27.96	Peak	38.00	300	Vertical	Pass
1**	1335.801	39.61	54.0	14.39	AV	38.00	300	Vertical	Pass
2	2981.215	48.88	74.0	25.12	Peak	357.00	100	Vertical	Pass
2**	2981.215	40.98	54.0	13.02	AV	357.00	100	Vertical	Pass
3	4854.176	52.20	74.0	21.80	Peak	58.00	200	Vertical	Pass
3**	4854.176	42.39	54.0	11.61	AV	58.00	200	Vertical	Pass
4	6609.738	51.79	74.0	22.21	Peak	336.00	300	Vertical	Pass
4**	6609.738	45.22	54.0	8.78	AV	336.00	300	Vertical	Pass
5	13437.797	56.35	74.0	17.65	Peak	155.00	400	Vertical	Pass
5**	13437.797	46.77	54.0	7.23	AV	155.00	400	Vertical	Pass
6	17419.583	59.50	74.0	14.50	Peak	328.00	300	Vertical	Pass
6**	17419.583	45.57	54.0	8.43	AV	328.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.969	47.56	74.0	26.44	Peak	347.00	300	Horizontal	Pass
1**	1329.969	34.45	54.0	19.55	AV	347.00	300	Horizontal	Pass
2	3000.137	49.37	74.0	24.63	Peak	190.00	200	Horizontal	Pass
2**	3000.137	39.83	54.0	14.17	AV	190.00	200	Horizontal	Pass
3	4930.701	49.97	74.0	24.03	Peak	335.00	200	Horizontal	Pass
3**	4930.701	39.14	54.0	14.86	AV	335.00	200	Horizontal	Pass
4	6803.034	55.29	74.0	18.71	Peak	205.00	100	Horizontal	Pass
4**	6803.034	42.42	54.0	11.58	AV	205.00	100	Horizontal	Pass
5	13414.971	53.12	74.0	20.88	Peak	353.00	300	Horizontal	Pass
5**	13414.971	44.07	54.0	9.93	AV	353.00	300	Horizontal	Pass
6	17429.589	56.20	74.0	17.80	Peak	156.00	200	Horizontal	Pass
6**	17429.589	45.03	54.0	8.97	AV	156.00	200	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	1329.419	43.10	74.0	30.90	Peak	286.00	400	Vertical	Pass
1**	1329.419	37.75	54.0	16.25	AV	286.00	400	Vertical	Pass
2	2981.593	49.50	74.0	24.50	Peak	55.00	300	Vertical	Pass
2**	2981.593	41.45	54.0	12.55	AV	55.00	300	Vertical	Pass
3	4853.499	48.45	74.0	25.55	Peak	341.00	200	Vertical	Pass
3**	4853.499	40.27	54.0	13.73	AV	341.00	200	Vertical	Pass
4	6610.786	54.70	74.0	19.30	Peak	360.00	100	Vertical	Pass
4**	6610.786	42.14	54.0	11.86	AV	360.00	100	Vertical	Pass
5	13435.416	56.45	74.0	17.55	Peak	328.00	100	Vertical	Pass
5**	13435.416	48.66	54.0	5.34	AV	328.00	100	Vertical	Pass
6	17417.668	57.62	74.0	16.38	Peak	94.00	200	Vertical	Pass
6**	17417.668	48.52	54.0	5.48	AV	94.00	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	1331.994	45.82	74.0	28.18	Peak	60.00	300	Horizontal	Pass
1**	1331.994	37.80	54.0	16.20	AV	60.00	300	Horizontal	Pass
2	2998.877	52.38	74.0	21.62	Peak	73.00	400	Horizontal	Pass
2**	2998.877	43.83	54.0	10.17	AV	73.00	400	Horizontal	Pass
3	4930.728	52.73	74.0	21.27	Peak	10.00	200	Horizontal	Pass
3**	4930.728	44.02	54.0	9.98	AV	10.00	200	Horizontal	Pass
4	6805.447	52.93	74.0	21.07	Peak	328.00	200	Horizontal	Pass
4**	6805.447	45.41	54.0	8.59	AV	328.00	200	Horizontal	Pass
5	13408.806	54.45	74.0	19.55	Peak	3.00	400	Horizontal	Pass
5**	13408.806	46.23	54.0	7.77	AV	3.00	400	Horizontal	Pass
6	17425.856	56.15	74.0	17.85	Peak	117.00	100	Horizontal	Pass
6**	17425.856	44.83	54.0	9.17	AV	117.00	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	1333.627	44.93	74.0	29.07	Peak	197.00	100	Vertical	Pass
1**	1333.627	38.74	54.0	15.26	AV	197.00	100	Vertical	Pass
2	2980.487	49.99	74.0	24.01	Peak	212.00	400	Vertical	Pass
2**	2980.487	42.16	54.0	11.84	AV	212.00	400	Vertical	Pass
3	4855.970	46.85	74.0	27.15	Peak	181.00	200	Vertical	Pass
3**	4855.970	41.60	54.0	12.40	AV	181.00	200	Vertical	Pass
4	6603.450	55.55	74.0	18.45	Peak	180.00	400	Vertical	Pass
4**	6603.450	44.74	54.0	9.26	AV	180.00	400	Vertical	Pass
5	13431.783	57.72	74.0	16.28	Peak	335.00	400	Vertical	Pass
5**	13431.783	45.25	54.0	8.75	AV	335.00	400	Vertical	Pass
6	17419.759	56.61	74.0	17.39	Peak	193.00	400	Vertical	Pass
6**	17419.759	45.49	54.0	8.51	AV	193.00	400	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	1332.751	44.77	74.0	29.23	Peak	69.00	100	Horizontal	Pass
1**	1332.751	39.07	54.0	14.93	AV	69.00	100	Horizontal	Pass
2	2993.593	51.23	74.0	22.77	Peak	73.00	200	Horizontal	Pass
2**	2993.593	43.97	54.0	10.03	AV	73.00	200	Horizontal	Pass
3	4932.938	51.96	74.0	22.04	Peak	221.00	200	Horizontal	Pass
3**	4932.938	41.88	54.0	12.12	AV	221.00	200	Horizontal	Pass
4	6803.405	56.59	74.0	17.41	Peak	46.00	400	Horizontal	Pass
4**	6803.405	42.45	54.0	11.55	AV	46.00	400	Horizontal	Pass
5	13409.029	58.09	74.0	15.91	Peak	251.00	100	Horizontal	Pass
5**	13409.029	45.94	54.0	8.06	AV	251.00	100	Horizontal	Pass
6	17422.369	53.57	74.0	20.43	Peak	234.00	200	Horizontal	Pass
6**	17422.369	47.95	54.0	6.05	AV	234.00	200	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	1331.866	44.00	74.0	30.00	Peak	63.00	100	Vertical	Pass
1**	1331.866	38.53	54.0	15.47	AV	63.00	100	Vertical	Pass
2	2982.146	51.80	74.0	22.20	Peak	50.00	300	Vertical	Pass
2**	2982.146	42.74	54.0	11.26	AV	50.00	300	Vertical	Pass
3	4855.898	48.07	74.0	25.93	Peak	86.00	200	Vertical	Pass
3**	4855.898	42.05	54.0	11.95	AV	86.00	200	Vertical	Pass
4	6607.796	55.40	74.0	18.60	Peak	178.00	400	Vertical	Pass
4**	6607.796	42.21	54.0	11.79	AV	178.00	400	Vertical	Pass
5	13430.984	53.04	74.0	20.96	Peak	226.00	300	Vertical	Pass
5**	13430.984	49.06	54.0	4.94	AV	226.00	300	Vertical	Pass
6	17419.249	57.46	74.0	16.54	Peak	50.00	400	Vertical	Pass
6**	17419.249	48.94	54.0	5.06	AV	50.00	400	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	1332.213	44.12	74.0	29.88	Peak	312.00	400	Horizontal	Pass
1**	1332.213	39.72	54.0	14.28	AV	312.00	400	Horizontal	Pass
2	2993.182	50.89	74.0	23.11	Peak	311.00	300	Horizontal	Pass
2**	2993.182	41.64	54.0	12.36	AV	311.00	300	Horizontal	Pass
3	4935.739	53.94	74.0	20.06	Peak	148.00	200	Horizontal	Pass
3**	4935.739	39.45	54.0	14.55	AV	148.00	200	Horizontal	Pass
4	6807.077	53.68	74.0	20.32	Peak	300.00	200	Horizontal	Pass
4**	6807.077	41.73	54.0	12.27	AV	300.00	200	Horizontal	Pass
5	13411.462	52.60	74.0	21.40	Peak	206.00	300	Horizontal	Pass
5**	13411.462	46.31	54.0	7.69	AV	206.00	300	Horizontal	Pass
6	17429.837	57.41	74.0	16.59	Peak	344.00	400	Horizontal	Pass
6**	17429.837	46.20	54.0	7.80	AV	344.00	400	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	1333.466	46.78	74.0	27.22	Peak	348.00	400	Vertical	Pass
1**	1333.466	35.74	54.0	18.26	AV	348.00	400	Vertical	Pass
2	2982.908	50.42	74.0	23.58	Peak	62.00	400	Vertical	Pass
2**	2982.908	42.91	54.0	11.09	AV	62.00	400	Vertical	Pass
3	4854.069	52.05	74.0	21.95	Peak	195.00	200	Vertical	Pass
3**	4854.069	41.06	54.0	12.94	AV	195.00	200	Vertical	Pass
4	6607.905	54.52	74.0	19.48	Peak	139.00	300	Vertical	Pass
4**	6607.905	42.46	54.0	11.54	AV	139.00	300	Vertical	Pass
5	13433.882	53.88	74.0	20.12	Peak	189.00	200	Vertical	Pass
5**	13433.882	45.83	54.0	8.17	AV	189.00	200	Vertical	Pass
6	17417.467	59.78	74.0	14.22	Peak	85.00	300	Vertical	Pass
6**	17417.467	49.47	54.0	4.53	AV	85.00	300	Vertical	Pass

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

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

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

Note [3]: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Test Data

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.450	59.14	74.0	14.86	Peak	344.00	100	Horizontal	Pass
1**	2386.450	49.90	54.0	4.10	AV	344.00	100	Horizontal	Pass
2	2389.950	55.40	74.0	18.60	Peak	64.00	150	Horizontal	Pass
2**	2389.950	47.08	54.0	6.92	AV	64.00	150	Horizontal	Pass
3	2386.150	57.36	74.0	16.64	Peak	360.00	100	Horizontal	Pass
3**	2386.150	50.60	54.0	3.40	AV	360.00	100	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	2483.590	56.38	74.0	17.62	Peak	0.00	100	Horizontal	Pass
1**	2483.590	47.17	54.0	6.83	AV	0.00	100	Horizontal	Pass
2	2487.610	58.86	74.0	15.14	Peak	13.00	200	Horizontal	Pass
2**	2487.610	50.45	54.0	3.55	AV	13.00	200	Horizontal	Pass

802.11g LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.900	62.09	74.0	11.91	Peak	11.00	150	Horizontal	Pass
1**	2386.900	48.20	54.0	5.80	AV	11.00	150	Horizontal	Pass
2	2389.950	60.69	74.0	13.31	Peak	355.00	150	Horizontal	Pass
2**	2389.950	49.87	54.0	4.13	AV	355.00	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	2483.575	58.43	74.0	15.57	Peak	360.00	100	Horizontal	Pass
1**	2483.575	47.56	54.0	6.44	AV	360.00	100	Horizontal	Pass
2	2484.595	59.98	74.0	14.02	Peak	360.00	100	Horizontal	Pass
2**	2484.595	46.69	54.0	7.31	AV	360.00	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	2389.650	64.21	74.0	9.79	Peak	6.00	200	Horizontal	Pass
1**	2389.650	50.02	54.0	3.98	AV	6.00	200	Horizontal	Pass
2	2389.950	63.09	74.0	10.91	Peak	349.00	200	Horizontal	Pass
2**	2389.950	50.83	54.0	3.17	AV	349.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.78	74.0	16.22	Peak	40.00	150	Horizontal	Pass
1**	2483.500	46.05	54.0	7.95	AV	40.00	150	Horizontal	Pass
2	2483.890	59.24	74.0	14.76	Peak	11.00	150	Horizontal	Pass
2**	2483.890	46.09	54.0	7.91	AV	11.00	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	2389.250	61.51	74.0	12.49	Peak	11.00	150	Horizontal	Pass
1**	2389.250	49.20	54.0	4.80	AV	11.00	150	Horizontal	Pass
2	2389.950	60.10	74.0	13.90	Peak	360.00	100	Horizontal	Pass
2**	2389.950	50.03	54.0	3.97	AV	360.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.29	74.0	12.71	Peak	10.00	150	Horizontal	Pass
1**	2483.500	50.41	54.0	3.59	AV	10.00	150	Horizontal	Pass
2	2485.090	62.13	74.0	11.87	Peak	39.00	150	Horizontal	Pass
2**	2485.090	49.49	54.0	4.51	AV	39.00	150	Horizontal	Pass

VHT20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.450	66.70	74.0	7.30	Peak	11.00	150	Horizontal	Pass
1**	2389.450	49.40	54.0	4.60	AV	11.00	150	Horizontal	Pass
2	2389.950	65.90	74.0	8.10	Peak	360.00	100	Horizontal	Pass
2**	2389.950	49.92	54.0	4.08	AV	360.00	100	Horizontal	Pass

VHT20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	61.89	74.0	12.11	Peak	336.00	200	Horizontal	Pass
1**	2483.515	49.08	54.0	4.92	AV	336.00	200	Horizontal	Pass
2	2484.040	61.04	74.0	12.96	Peak	360.00	100	Horizontal	Pass
2**	2484.040	48.02	54.0	5.98	AV	360.00	100	Horizontal	Pass

VHT40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	63.12	74.0	10.88	Peak	40.00	100	Horizontal	Pass
1**	2388.750	49.37	54.0	4.63	AV	40.00	100	Horizontal	Pass
2	2389.950	61.92	74.0	12.08	Peak	40.00	200	Horizontal	Pass
2**	2389.950	50.89	54.0	3.11	AV	40.00	200	Horizontal	Pass

VHT40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.12	74.0	13.88	Peak	4.00	150	Horizontal	Pass
1**	2483.500	50.59	54.0	3.41	AV	4.00	150	Horizontal	Pass
2	2486.560	62.29	74.0	11.71	Peak	349.00	100	Horizontal	Pass
2**	2486.560	49.42	54.0	4.58	AV	349.00	100	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	2389.300	61.49	74.0	12.51	Peak	360.00	200	Horizontal	Pass
1**	2389.300	48.77	54.0	5.23	AV	360.00	200	Horizontal	Pass
2	2389.950	60.79	74.0	13.21	Peak	360.00	100	Horizontal	Pass
2**	2389.950	49.93	54.0	4.07	AV	360.00	100	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	62.02	74.0	11.98	Peak	360.00	150	Horizontal	Pass
1**	2483.545	50.24	54.0	3.76	AV	360.00	150	Horizontal	Pass
2	2484.700	62.89	74.0	11.11	Peak	11.00	150	Horizontal	Pass
2**	2484.700	49.52	54.0	4.48	AV	11.00	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	2388.950	60.70	74.0	13.30	Peak	13.00	100	Horizontal	Pass
1**	2388.950	48.50	54.0	5.50	AV	13.00	100	Horizontal	Pass
2	2389.950	60.34	74.0	13.66	Peak	13.00	200	Horizontal	Pass
2**	2389.950	48.53	54.0	5.47	AV	13.00	200	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	58.55	74.0	15.45	Peak	42.00	150	Horizontal	Pass
1**	2483.575	48.87	54.0	5.13	AV	42.00	150	Horizontal	Pass
2	2489.560	60.37	74.0	13.63	Peak	13.00	150	Horizontal	Pass
2**	2489.560	46.99	54.0	7.01	AV	13.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.49	8
Middle	-6.35	8
High	-5.93	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.26	8
Middle	-10.98	8
High	-11.91	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.91	8
Middle	-12.10	8
High	-11.91	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.07	8
Middle	-16.54	8
High	-16.30	8

VHT-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.64	8
Middle	-10.73	8
High	-11.42	8

VHT-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.67	8
Middle	-13.44	8
High	-13.05	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.72	8
Middle	-10.94	8
High	-11.27	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.34	8
Middle	-14.06	8
High	-13.39	8

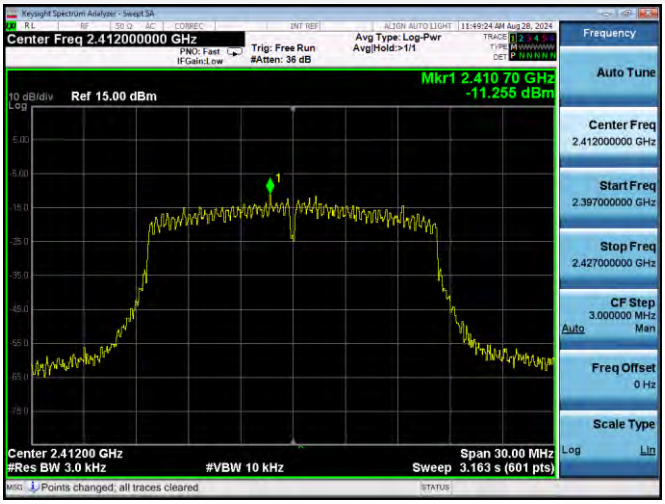
Test Plots

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

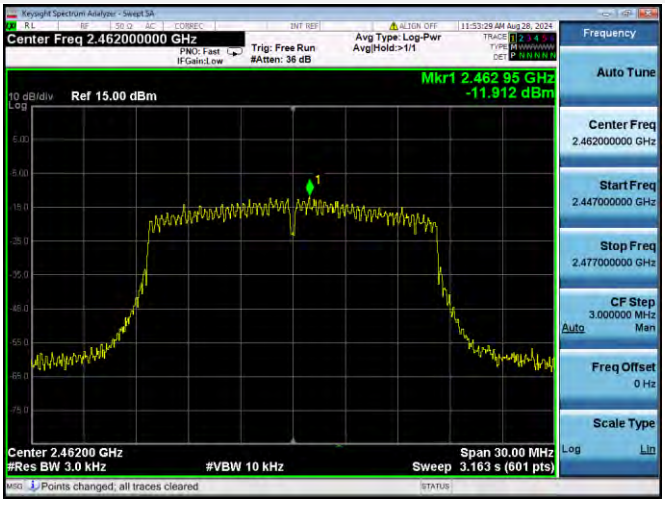
802.11b HIGH CHANNEL

802.11g LOW CHANNEL

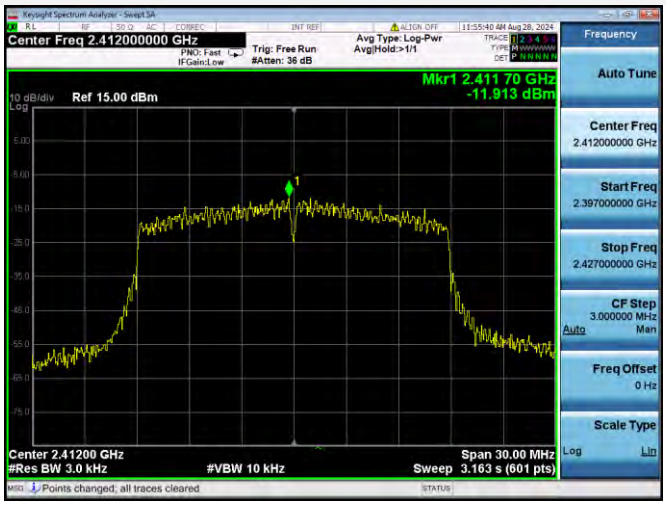


802.11g MIDDLE CHANNEL

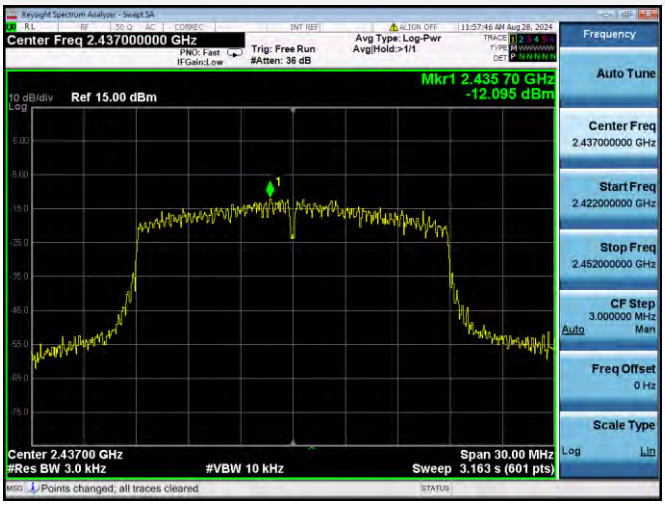
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL

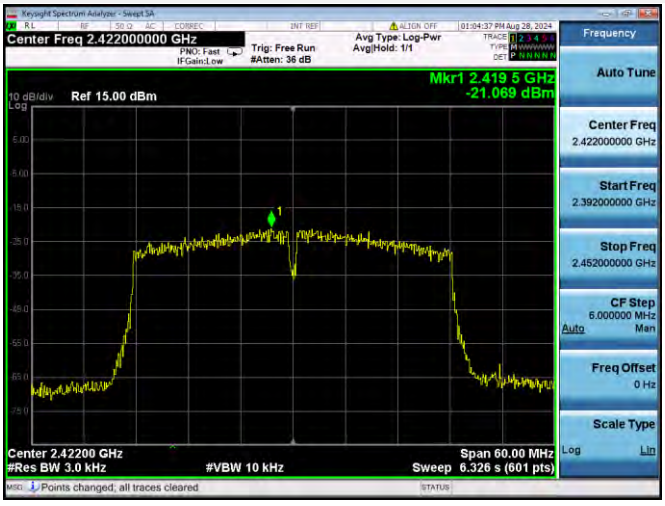


802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL

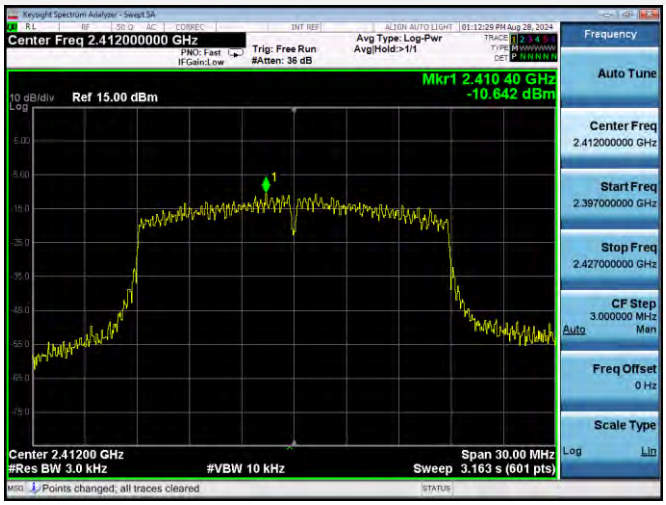
802.11n-40 MHz LOW CHANNEL



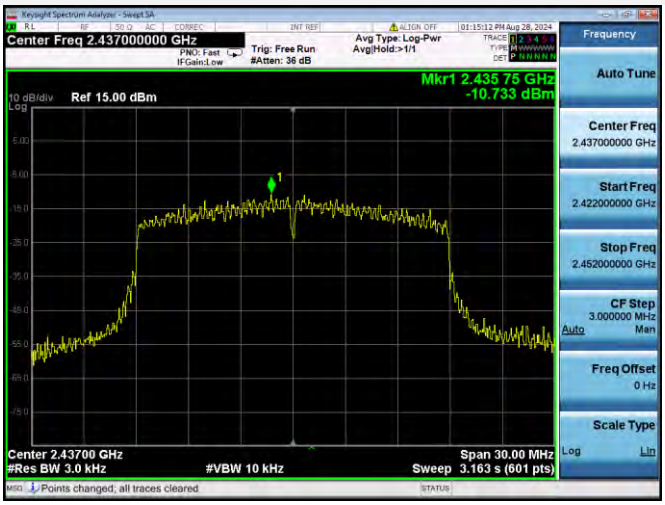
802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

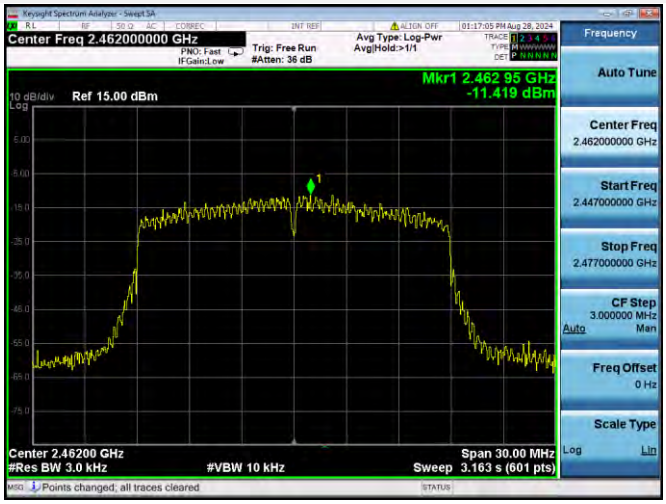
VHT-20 MHz LOW CHANNEL



VHT-20 MHz MIDDLE CHANNEL



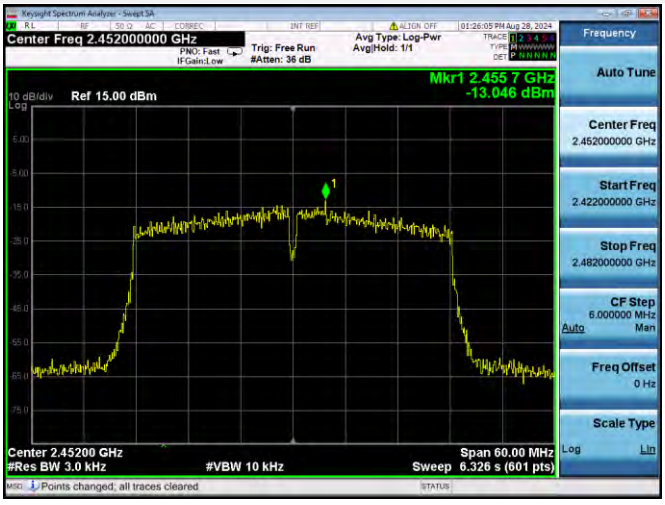
VHT-20 MHz HIGH CHANNEL



VHT-40 MHz LOW CHANNEL

VHT-40 MHz MIDDLE CHANNEL

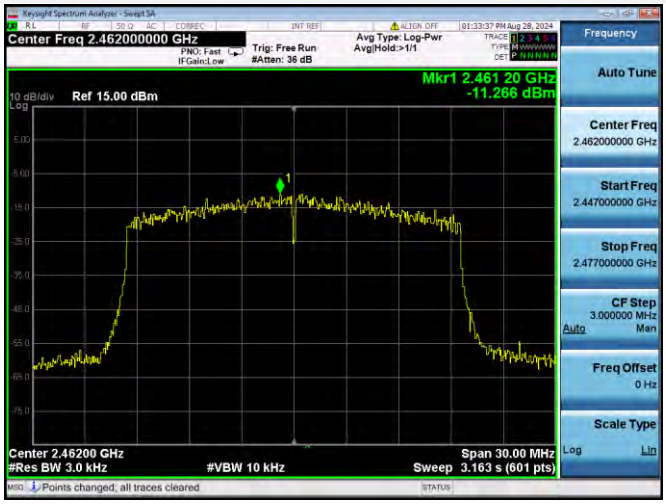
VHT-40 MHz HIGH CHANNEL



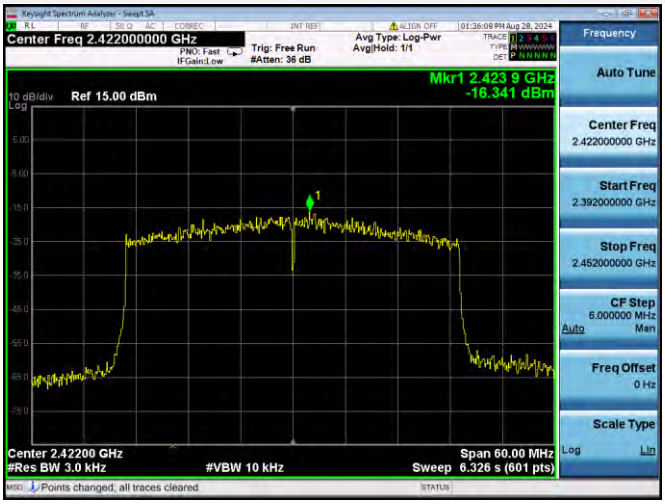
802.11ax-20 MHz(SU) LOW CHANNEL

802.11ax-20 MHz(SU) MIDDLE CHANNEL

802.11ax-20 MHz(SU) HIGH CHANNEL

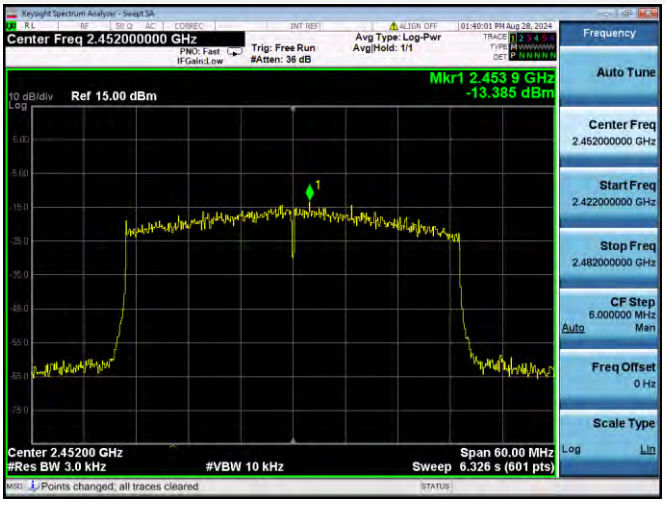


802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24C0682-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24C0682-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24C0682-AI.PDF”.

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--END OF REPORT--