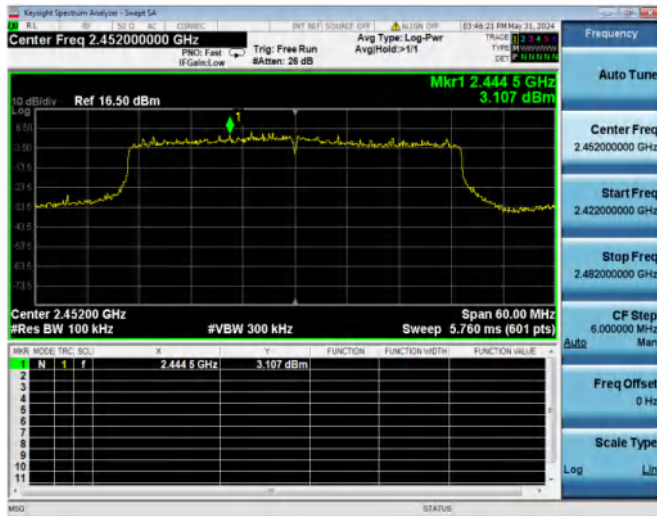
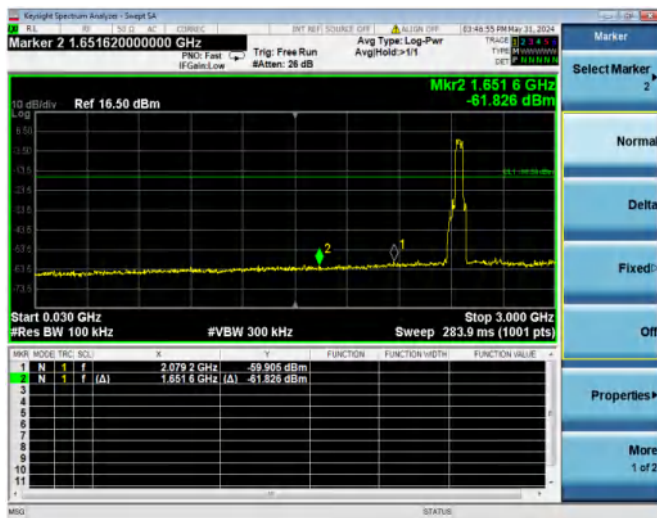


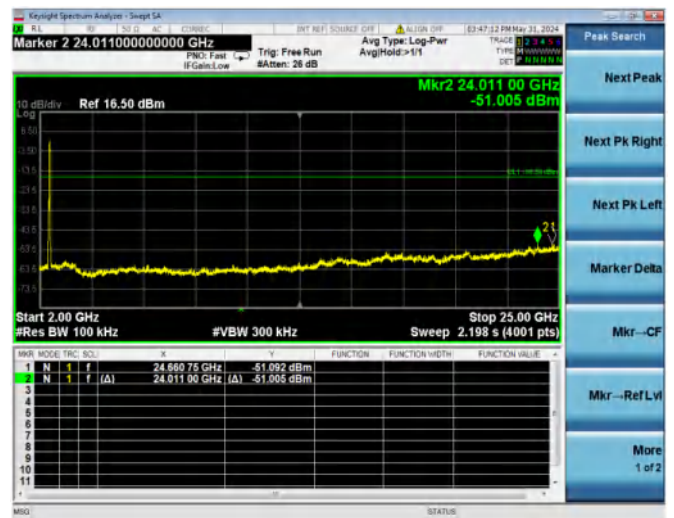
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.99	8.12	-11.87	Pass
High Channel	-49.90	7.47	-12.53	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.55	7.50	-12.50	Pass
High Channel	-42.08	7.59	-12.41	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.34	7.65	-12.35	Pass
High Channel	-42.91	8.06	-11.94	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.63	3.60	-16.40	Pass
High Channel	-36.44	4.41	-15.59	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	-30.38	7.77	-12.23	Pass
High Channel	-40.61	7.85	-12.15	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	-33.26	0.58	-19.42	Pass
High Channel	-33.65	4.54	-15.46	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.55	7.55	-12.45	Pass
High Channel	-52.12	7.92	-12.08	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.89	7.58	-12.42	Pass
High Channel	-35.34	7.56	-12.44	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.97	6.54	-13.46	Pass
High Channel	-33.82	6.72	-13.29	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.43	1.67	-18.33	Pass
High Channel	-29.12	3.20	-16.80	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	-29.71	7.05	-12.95	Pass
High Channel	-34.13	7.02	-12.98	Pass

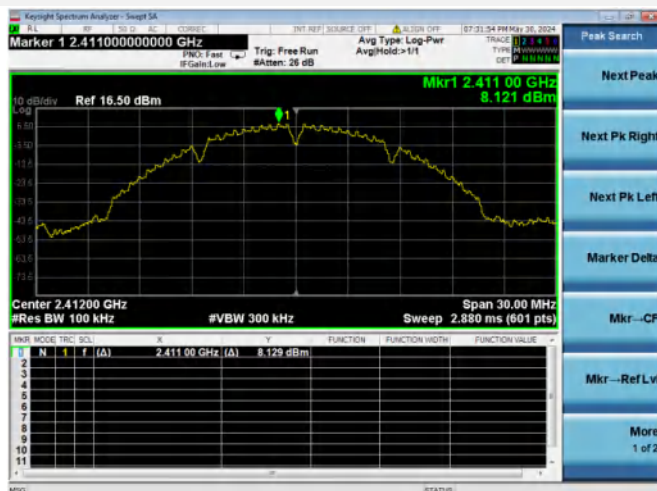
802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.17	2.87	-17.13	Pass
High Channel	-29.34	3.11	-16.89	Pass

Test Plots

Main Antenna

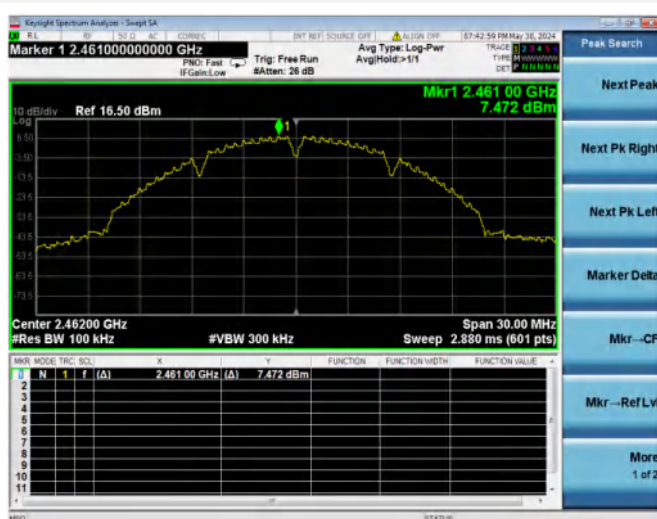
802.11b LOW CHANNEL, CARRIER LEVEL



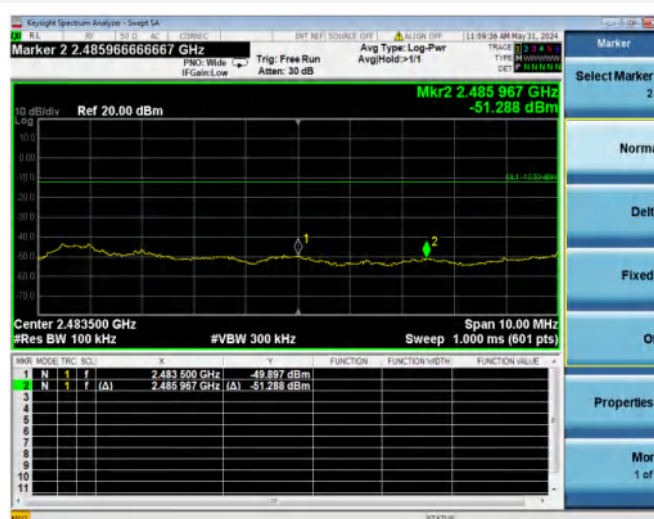
802.11b LOW CHANNEL, BAND EDGE



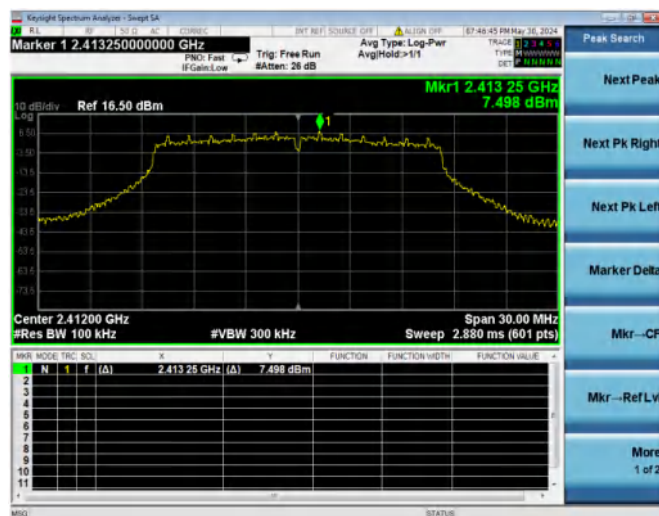
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



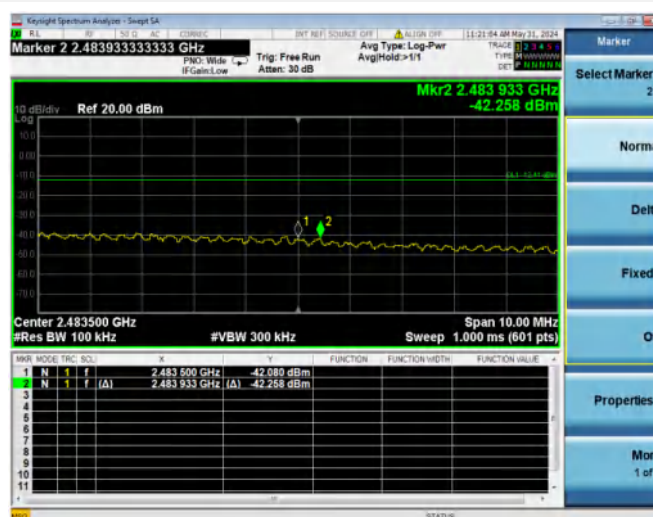
802.11g LOW CHANNEL, BAND EDGE



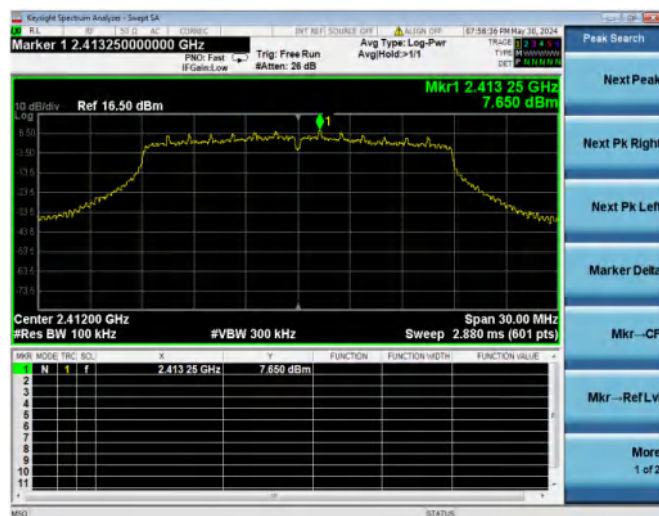
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



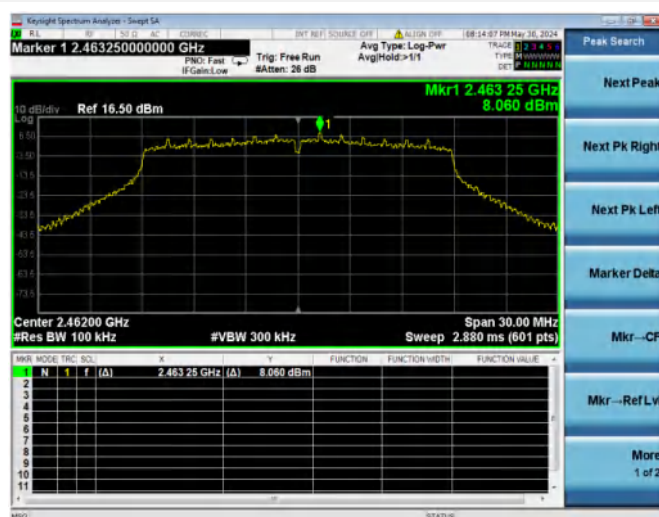
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



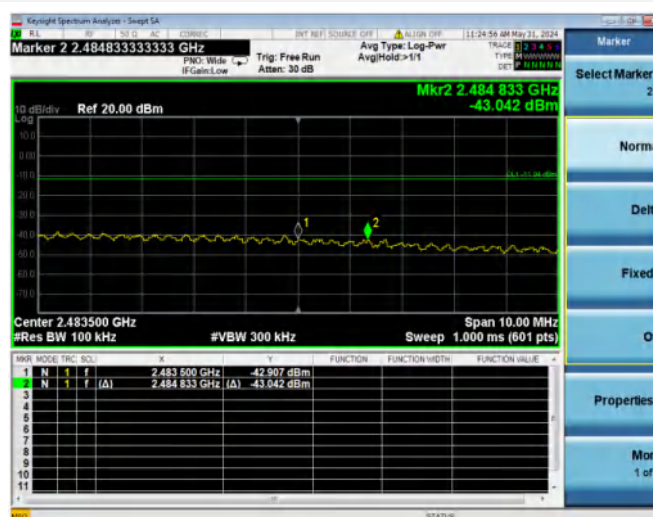
802.11n-20 MHz LOW CHANNEL, BAND EDGE



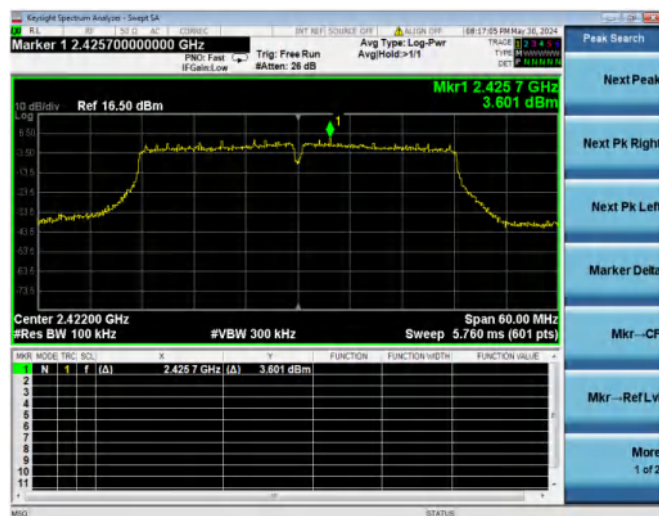
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



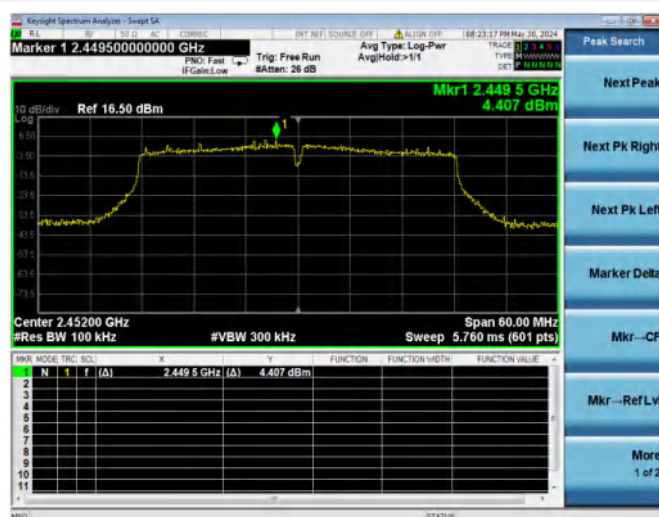
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



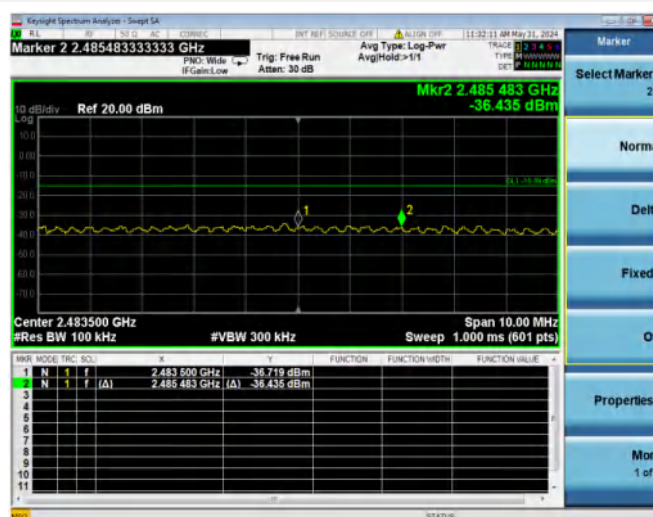
802.11n-40 MHz LOW CHANNEL, BAND EDGE



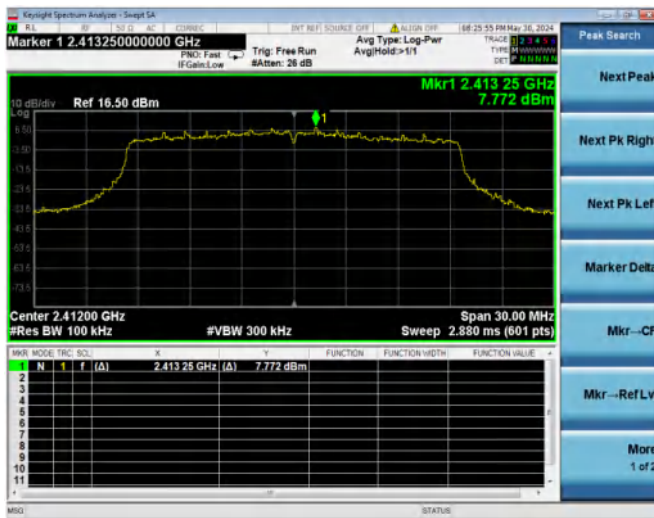
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



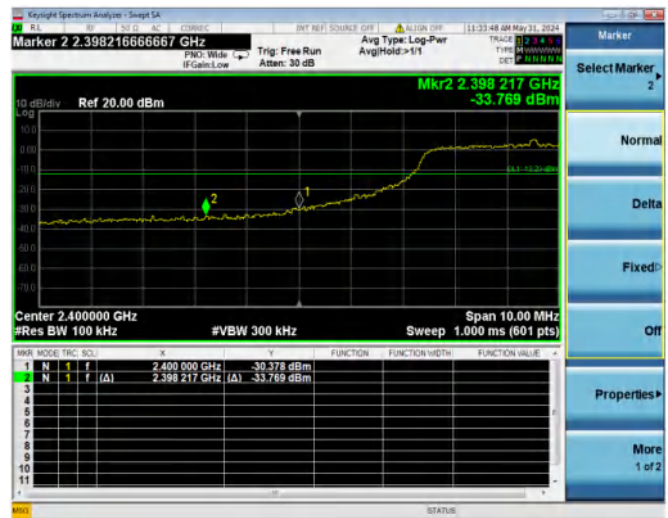
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



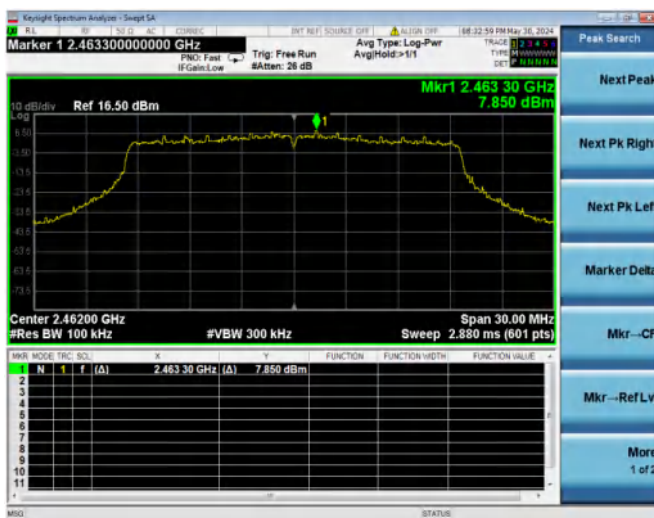
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



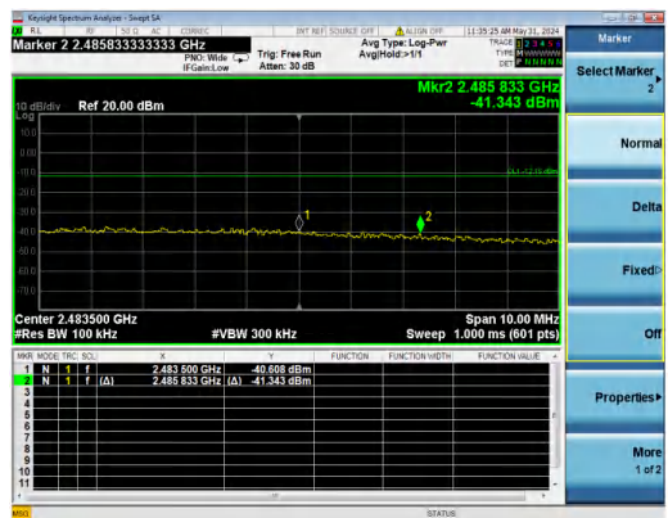
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



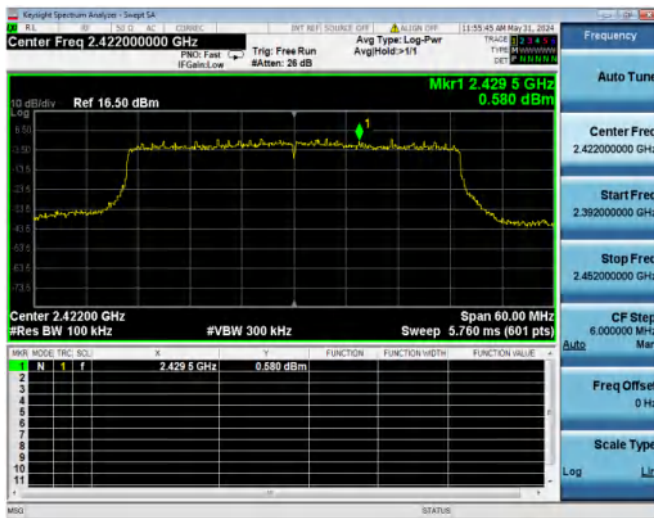
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



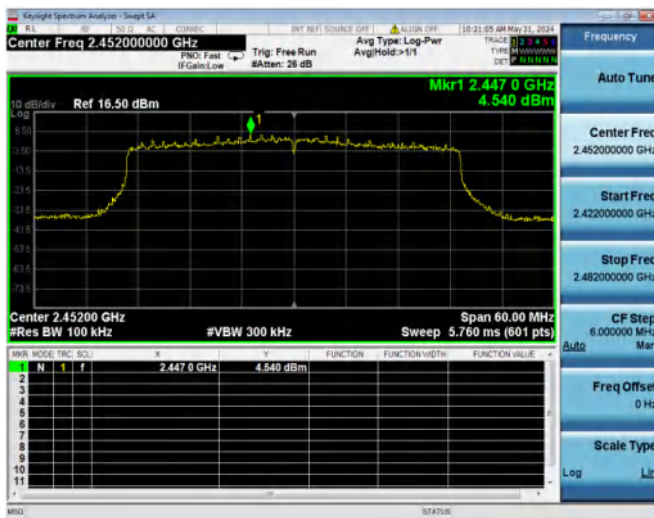
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



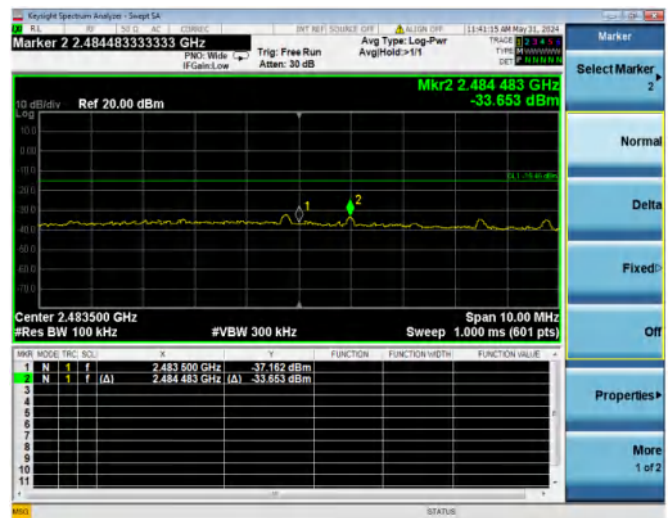
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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

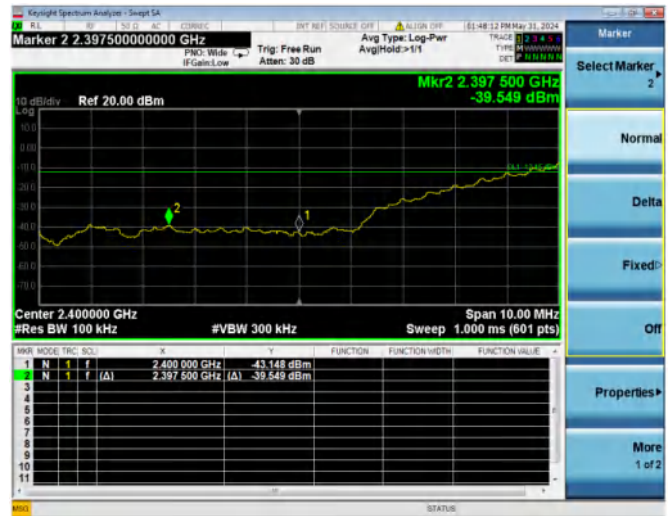


Aux. Antenna

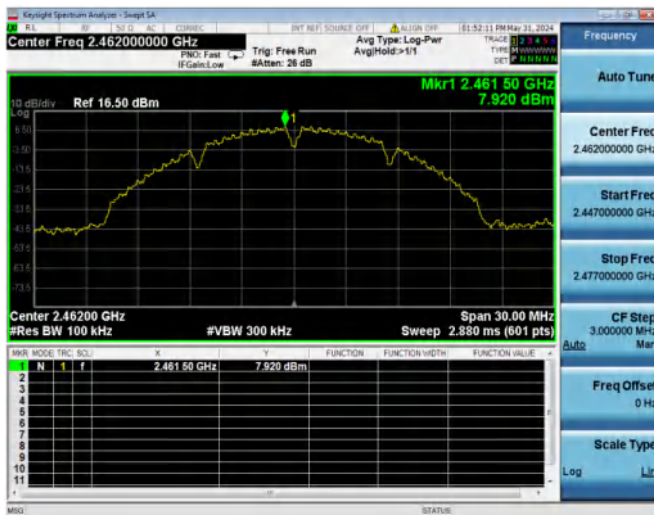
802.11b LOW CHANNEL, CARRIER LEVEL



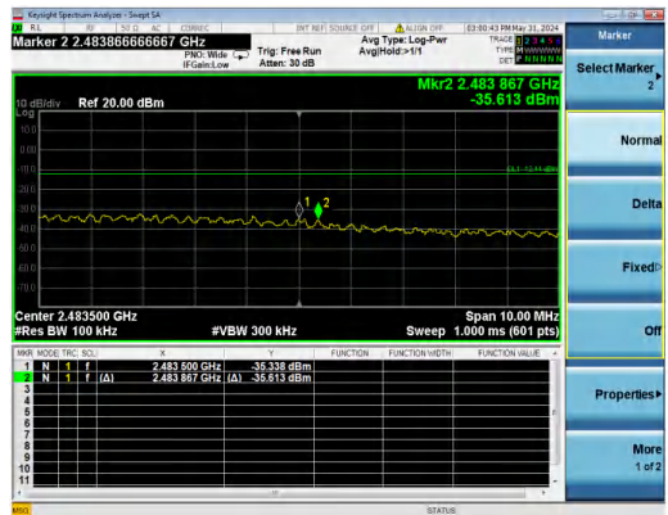
802.11b LOW CHANNEL, BAND EDGE



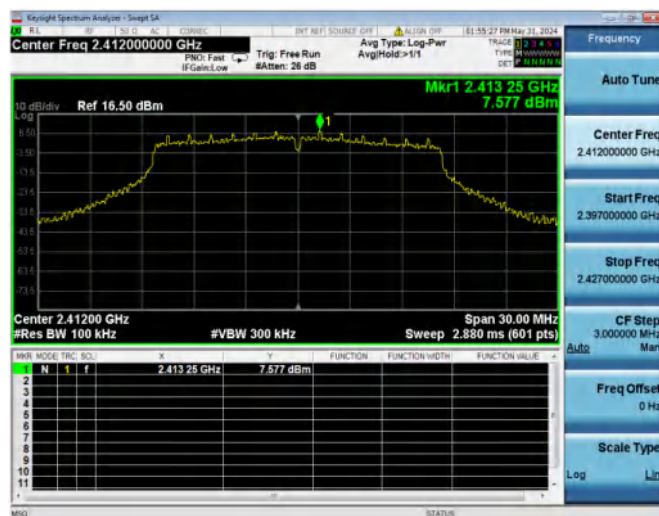
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



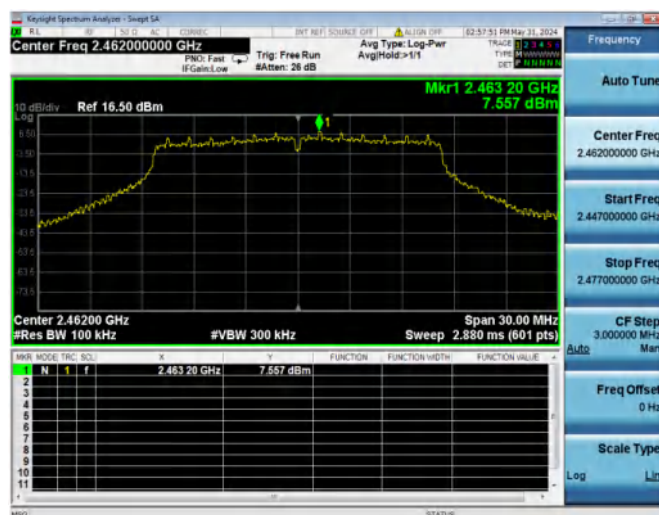
802.11g LOW CHANNEL, CARRIER LEVEL



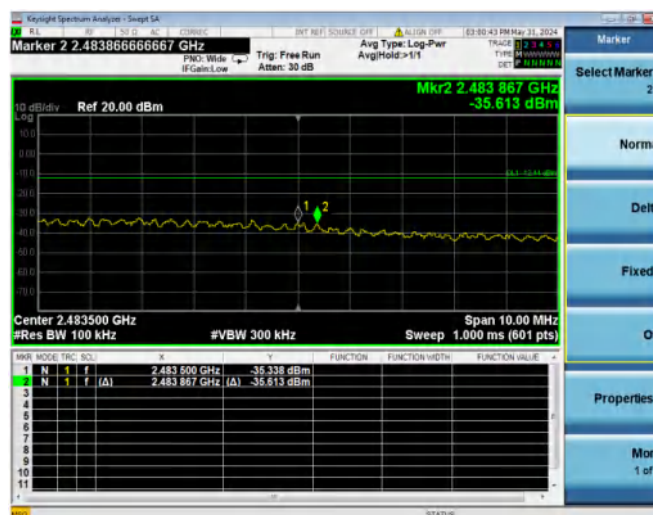
802.11g LOW CHANNEL, BAND EDGE



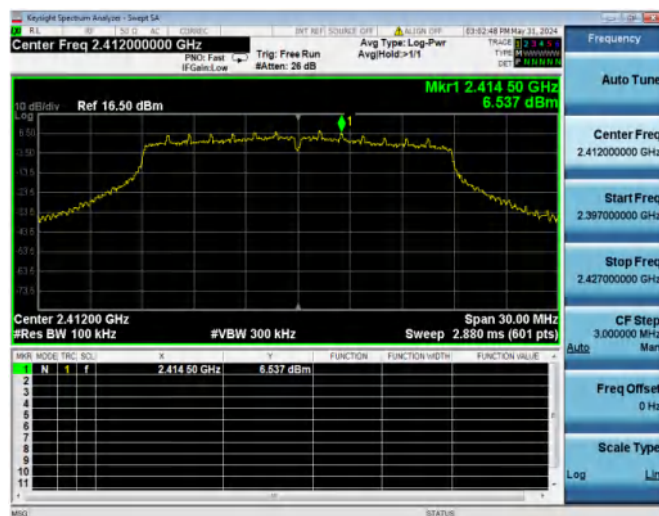
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



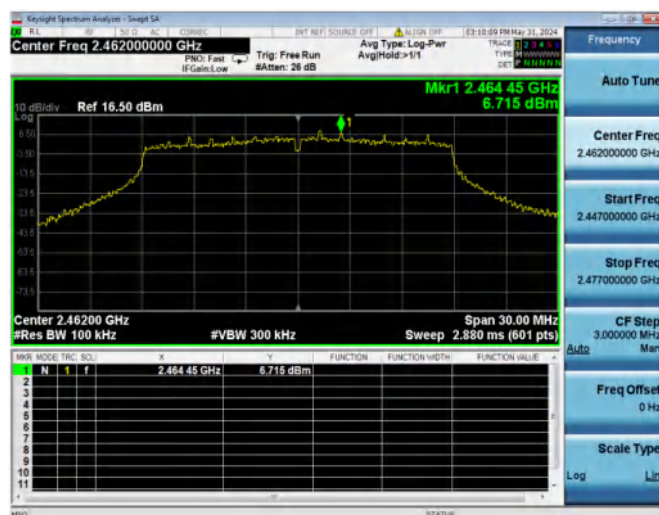
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



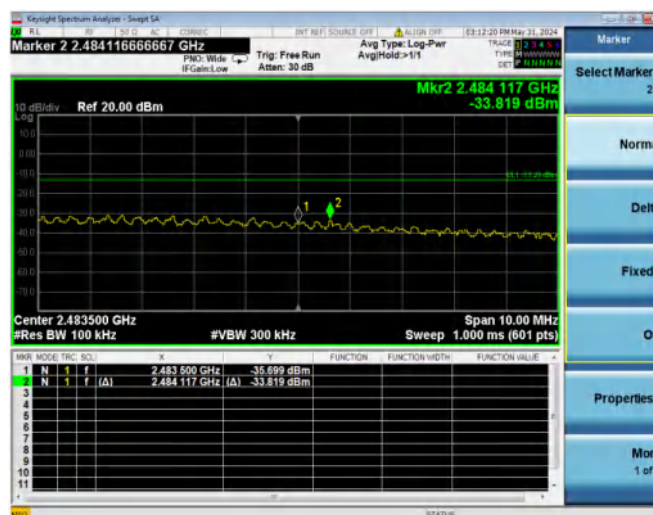
802.11n-20 MHz LOW CHANNEL, BAND EDGE



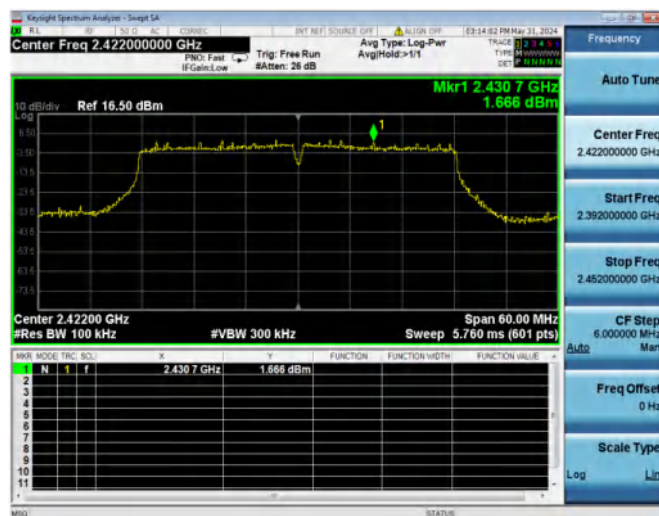
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



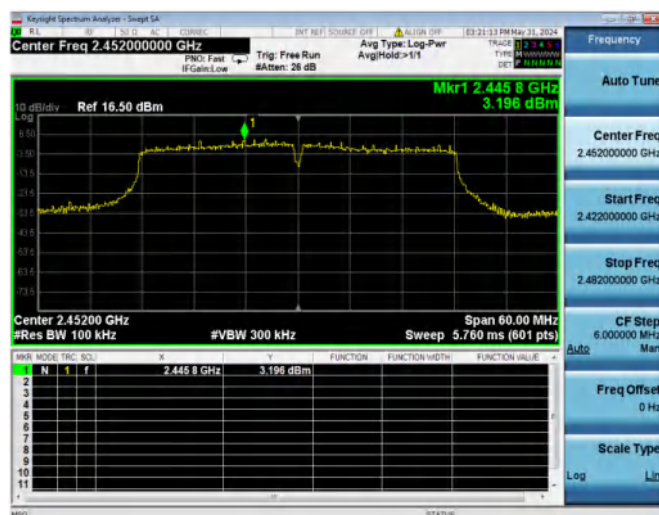
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



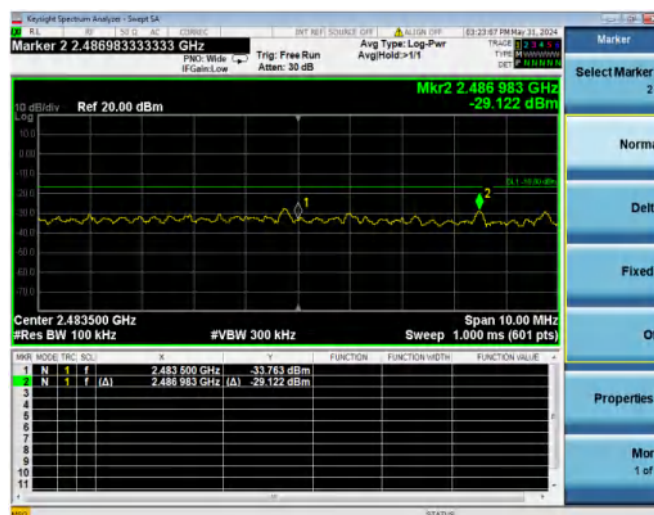
802.11n-40 MHz LOW CHANNEL, BAND EDGE



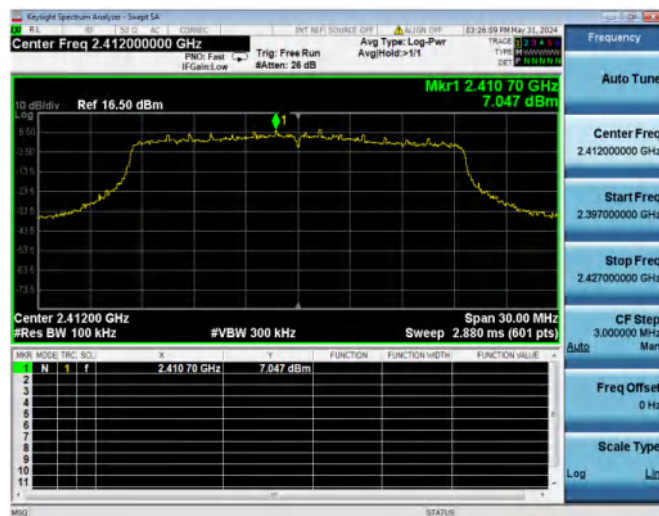
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



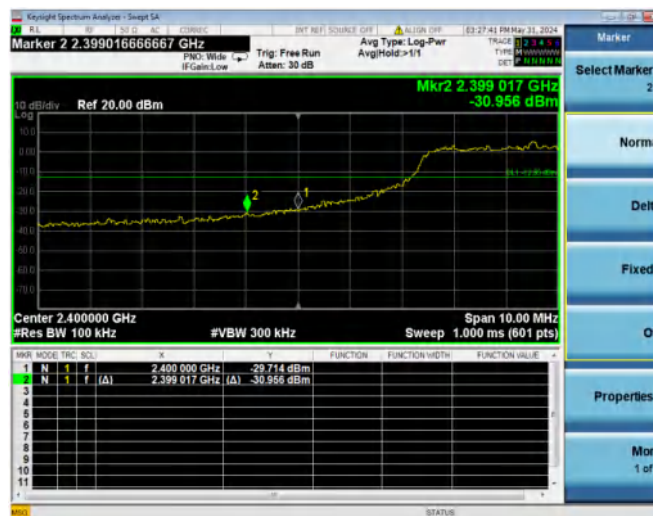
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



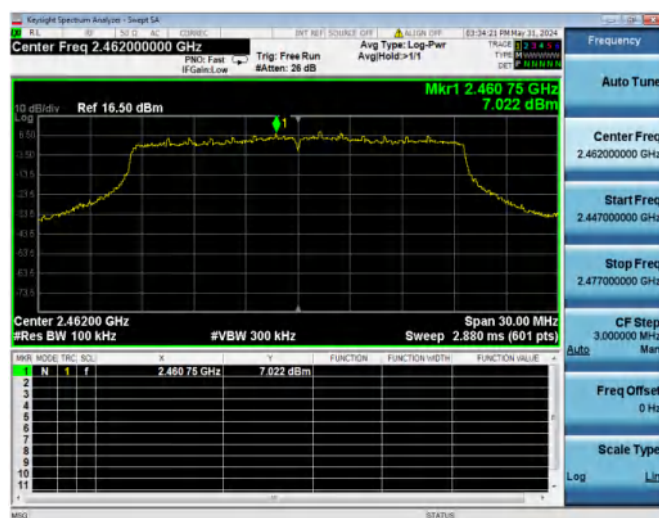
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



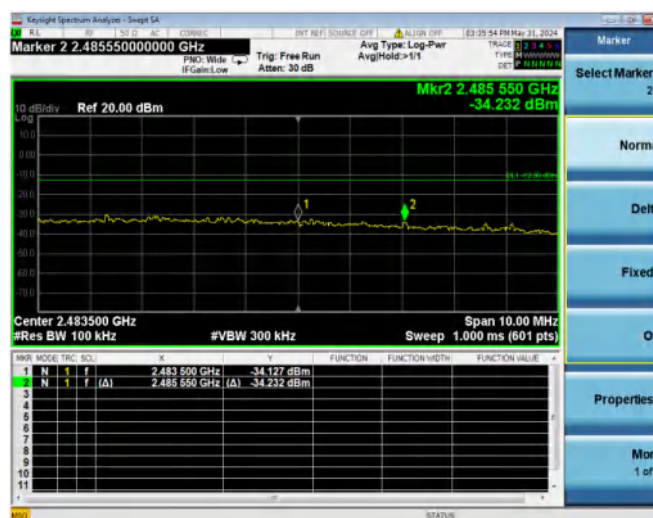
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



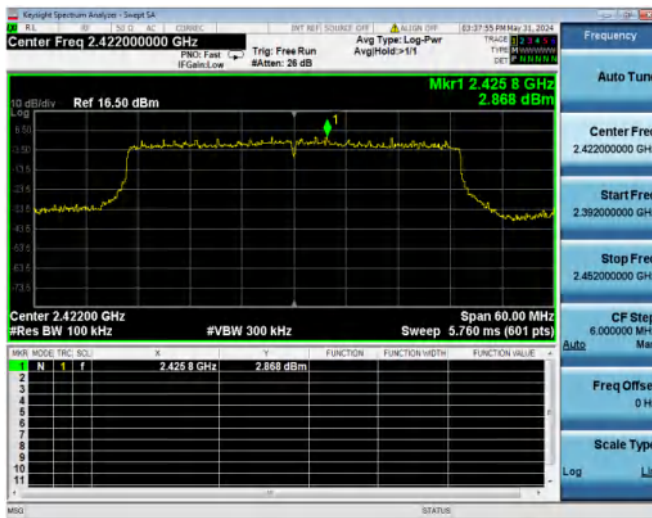
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



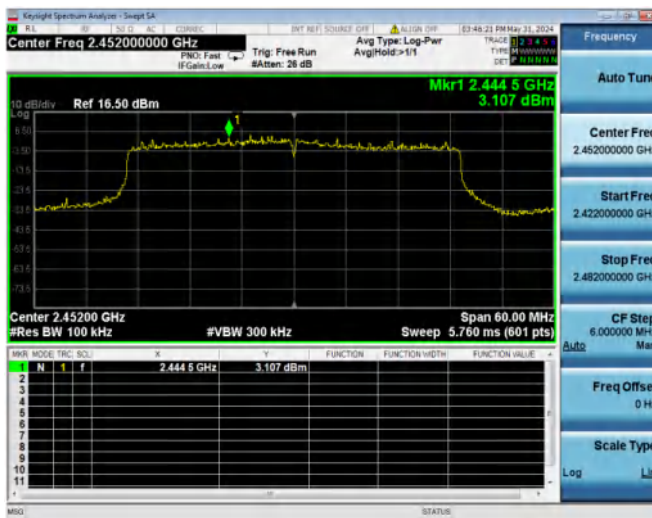
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



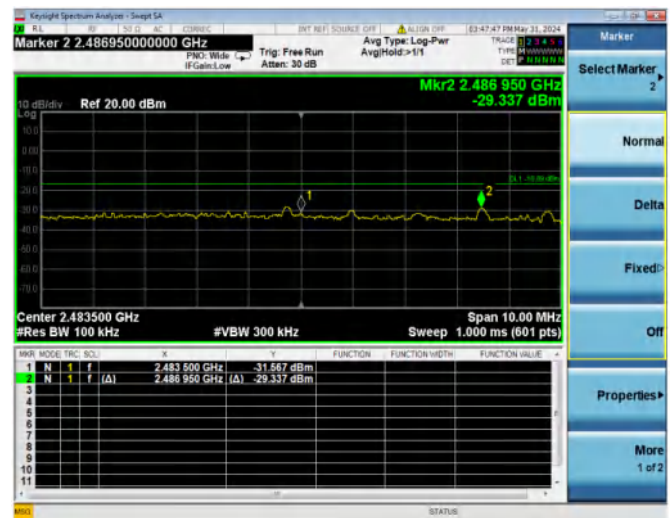
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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

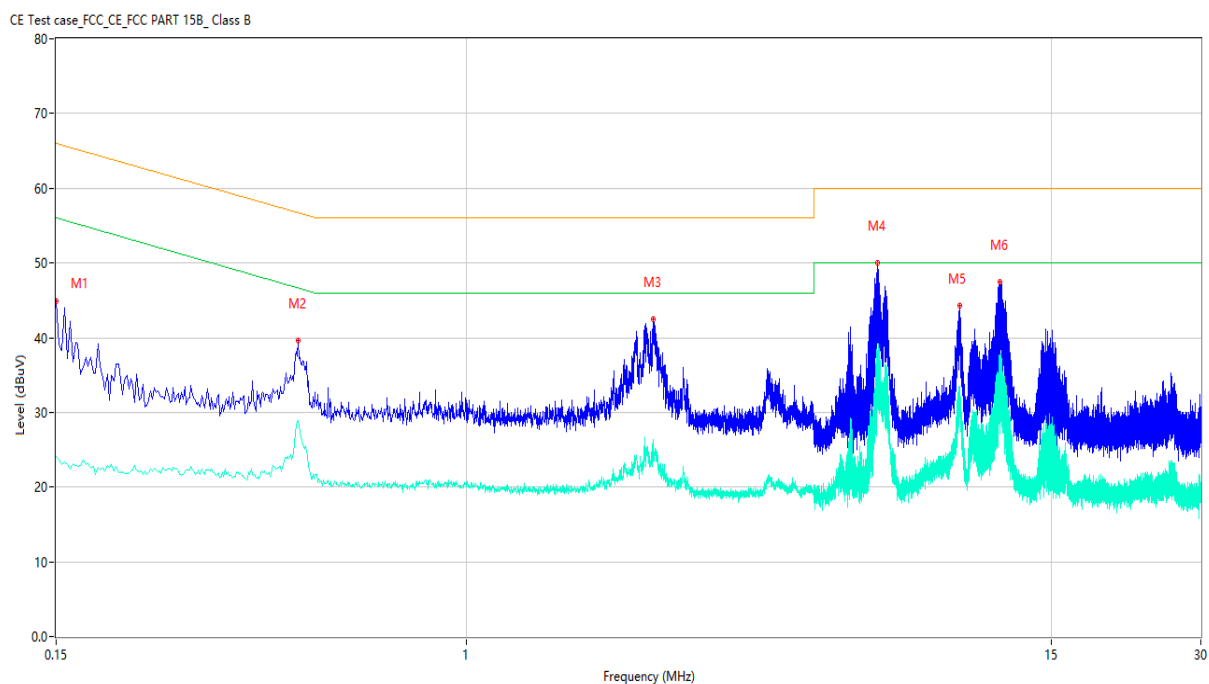


A.5 Conducted Emissions

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

Test Data and Plots

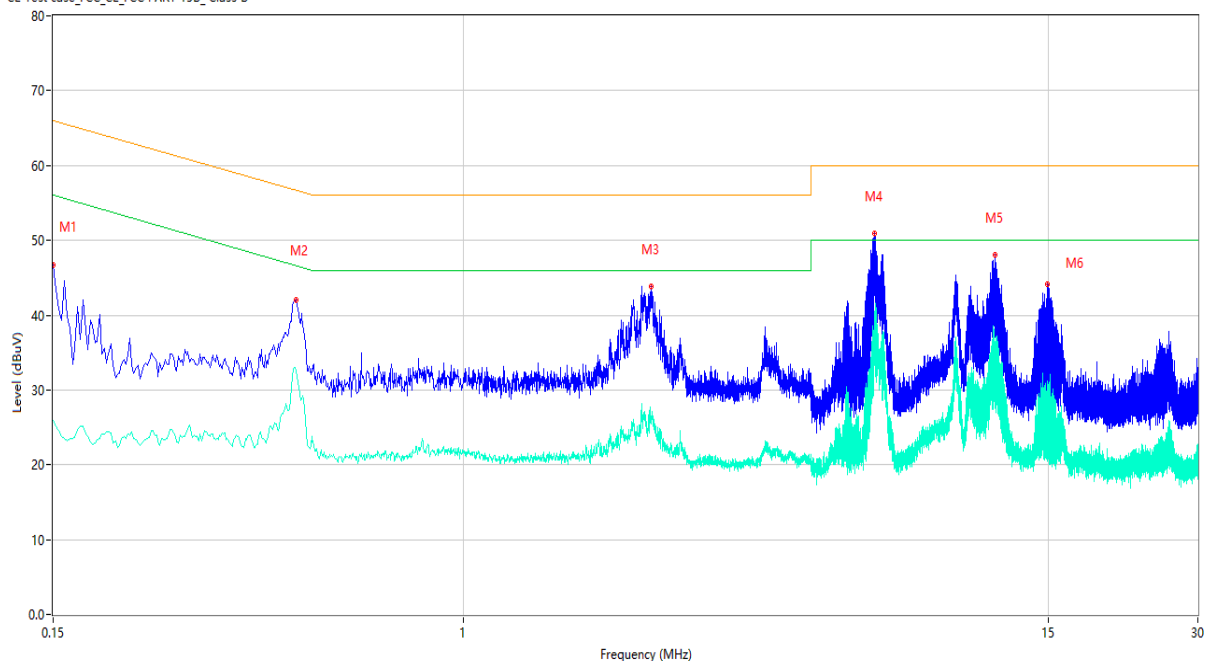
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.150	44.83	9.75	66.00	21.17	Peak	L	Pass
1**	0.150	24.14	9.75	56.00	31.86	AV	L	Pass
2	0.460	39.58	9.74	56.69	17.11	Peak	L	Pass
2**	0.460	28.87	9.74	46.69	17.82	AV	L	Pass
3	2.374	42.52	9.68	56.00	13.48	Peak	L	Pass
3**	2.374	26.37	9.68	46.00	19.63	AV	L	Pass
4	6.722	49.99	9.59	60.00	10.01	Peak	L	Pass
4**	6.722	38.10	9.59	50.00	11.90	AV	L	Pass
5	9.820	44.23	9.49	60.00	15.77	Peak	L	Pass
5**	9.820	31.22	9.49	50.00	18.78	AV	L	Pass
6	11.836	47.44	9.40	60.00	12.56	Peak	L	Pass
6**	11.836	37.62	9.40	50.00	12.38	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.150	46.65	9.69	66.00	19.35	Peak	N	Pass
1**	0.150	25.92	9.69	56.00	30.08	AV	N	Pass
2	0.462	42.09	9.79	56.66	14.57	Peak	N	Pass
2**	0.462	32.75	9.79	46.66	13.91	AV	N	Pass
3	2.390	43.89	9.86	56.00	12.11	Peak	N	Pass
3**	2.390	26.03	9.86	46.00	19.97	AV	N	Pass
4	6.710	50.87	9.81	60.00	9.13	Peak	N	Pass
4**	6.710	40.51	9.81	50.00	9.49	AV	N	Pass
5	11.732	48.04	9.66	60.00	11.96	Peak	N	Pass
5**	11.732	35.37	9.66	50.00	14.63	AV	N	Pass
6	14.974	44.19	9.52	60.00	15.81	Peak	N	Pass
6**	14.974	31.19	9.52	50.00	18.81	AV	N	Pass

A.6 Radiated Emission

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

Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, 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.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

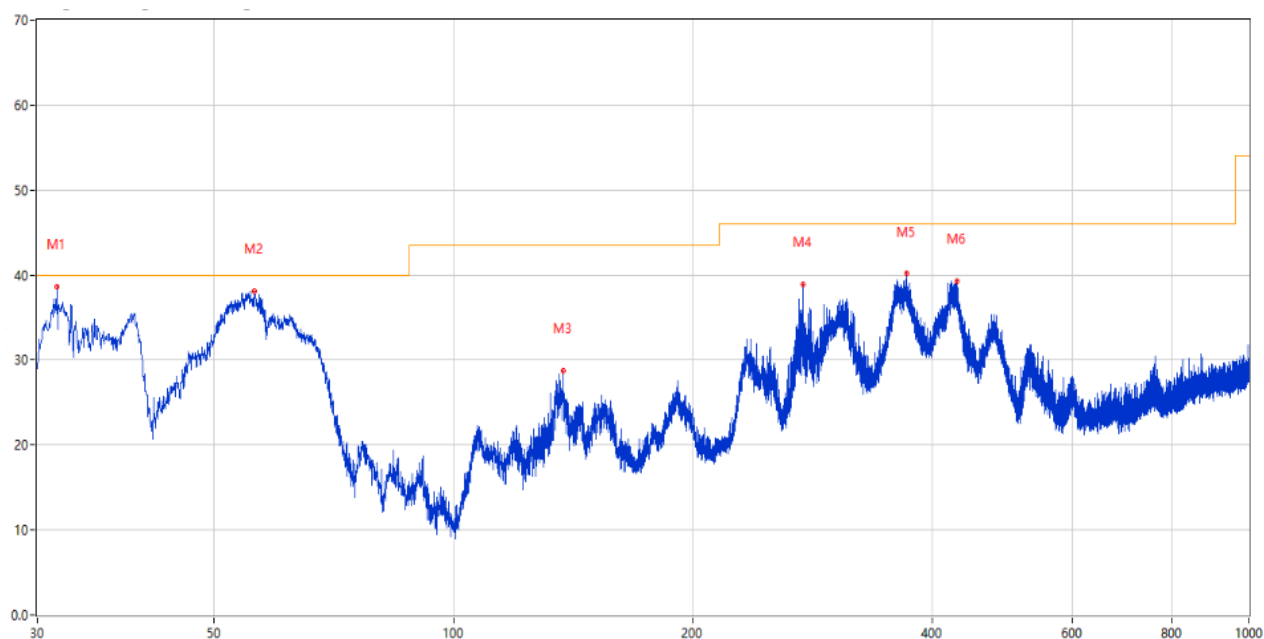
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.209	31.94	-25.45	40.0	8.06	Peak	200.00	200	Horizontal	Pass
2	151.395	33.56	-29.49	43.5	9.94	Peak	120.00	100	Horizontal	Pass
3	233.894	34.41	-24.82	46.0	11.59	Peak	120.00	100	Horizontal	Pass
4	307.274	41.47	-23.26	46.0	4.53	Peak	162.00	200	Horizontal	Pass
5	369.452	41.91	-21.46	46.0	4.09	Peak	98.00	200	Horizontal	Pass
6	449.089	40.44	-19.47	46.0	5.56	Peak	270.00	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	31.746	38.62	-28.87	40.0	1.38	Peak	89.00	100	Vertical	N/A
1*	56.287	38.07	-25.26	40.0	1.93	Peak	282.00	100	Vertical	Pass
2	137.476	28.75	-29.41	43.5	14.75	Peak	101.00	100	Vertical	N/A
2*	275.119	38.87	-24.02	46.0	7.13	Peak	115.00	100	Vertical	Pass
3	371.634	40.14	-21.35	46.0	5.86	Peak	237.00	100	Vertical	Pass
4	428.913	39.32	-19.73	46.0	6.68	Peak	75.00	100	Vertical	Pass
5	31.746	38.62	-28.87	40.0	1.38	Peak	89.00	100	Vertical	Pass
6	56.287	38.07	-25.26	40.0	1.93	Peak	282.00	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.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.250	43.60	-15.01	74.0	30.40	Peak	146.00	150	Horizontal	Pass
1**	1329.250	32.73	-15.01	54.0	21.27	AV	146.00	150	Horizontal	Pass
2	1903.750	48.40	-14.25	74.0	25.60	Peak	360.00	150	Horizontal	Pass
2**	1903.750	30.46	-14.25	54.0	23.54	AV	360.00	150	Horizontal	Pass
3	2435.750	92.49	-11.28	74.0	-18.49	Peak	246.00	150	Horizontal	N/A
3**	2435.750	89.42	-11.28	54.0	-35.42	AV	246.00	150	Horizontal	N/A
4	4622.000	51.38	-1.65	74.0	22.62	Peak	150.00	150	Horizontal	Pass
4**	4622.000	40.15	-1.65	54.0	13.85	AV	150.00	150	Horizontal	Pass
5	7732.500	56.06	3.20	74.0	17.94	Peak	259.00	150	Horizontal	Pass
5**	7732.500	45.23	3.20	54.0	8.77	AV	259.00	150	Horizontal	Pass
6	12737.500	50.69	-0.44	74.0	23.31	Peak	290.00	150	Horizontal	Pass
6**	12737.500	39.39	-0.44	54.0	14.61	AV	290.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	48.05	-15.00	74.0	25.95	Peak	105.00	150	Vertical	Pass
1**	1327.500	34.27	-15.00	54.0	19.73	AV	105.00	150	Vertical	Pass
2	1922.500	48.62	-14.17	74.0	25.38	Peak	109.00	150	Vertical	Pass
2**	1922.500	35.21	-14.17	54.0	18.79	AV	109.00	150	Vertical	Pass
3	2438.000	105.35	-11.32	74.0	-31.35	Peak	17.00	150	Vertical	N/A
3**	2438.000	102.18	-11.32	54.0	-48.18	AV	17.00	150	Vertical	N/A
4	3780.000	49.20	-4.97	74.0	24.80	Peak	283.00	150	Vertical	Pass
4**	3780.000	36.68	-4.97	54.0	17.32	AV	283.00	150	Vertical	Pass
5	7780.000	56.05	3.38	74.0	17.95	Peak	174.00	150	Vertical	Pass
5**	7780.000	44.93	3.38	54.0	9.07	AV	174.00	150	Vertical	Pass
6	10922.500	50.19	-1.48	74.0	23.81	Peak	320.00	150	Vertical	Pass
6**	10922.500	39.39	-1.48	54.0	14.61	AV	320.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	44.01	-15.03	74.0	29.99	Peak	139.00	150	Horizontal	Pass
1**	1330.500	33.65	-15.03	54.0	20.35	AV	139.00	150	Horizontal	Pass
2	2087.000	43.76	-12.46	74.0	30.24	Peak	186.00	150	Horizontal	Pass
2**	2087.000	32.60	-12.46	54.0	21.40	AV	186.00	150	Horizontal	Pass
3	2435.000	95.34	-11.24	74.0	-21.34	Peak	243.00	150	Horizontal	N/A
3**	2435.000	87.23	-11.24	54.0	-33.23	AV	243.00	150	Horizontal	N/A
4	3212.000	45.46	-5.70	74.0	28.54	Peak	292.00	150	Horizontal	Pass
4**	3212.000	34.95	-5.70	54.0	19.05	AV	292.00	150	Horizontal	Pass
5	6743.000	55.34	2.65	74.0	18.66	Peak	280.00	150	Horizontal	Pass
5**	6743.000	44.08	2.65	54.0	9.92	AV	280.00	150	Horizontal	Pass
6	10455.500	49.40	-1.29	74.0	24.60	Peak	0.00	150	Horizontal	Pass
6**	10455.500	38.78	-1.29	54.0	15.22	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	46.76	-15.00	74.0	27.24	Peak	83.00	150	Vertical	Pass
1**	1327.500	33.85	-15.00	54.0	20.15	AV	83.00	150	Vertical	Pass
2	1963.500	49.32	-13.69	74.0	24.68	Peak	116.00	150	Vertical	Pass
2**	1963.500	33.32	-13.69	54.0	20.68	AV	116.00	150	Vertical	Pass
3	2435.750	108.51	-11.28	74.0	-34.51	Peak	8.00	150	Vertical	N/A
3**	2435.750	100.33	-11.28	54.0	-46.33	AV	8.00	150	Vertical	N/A
4	3114.000	46.76	-6.72	74.0	27.24	Peak	279.00	150	Vertical	Pass
4**	3114.000	34.87	-6.72	54.0	19.13	AV	279.00	150	Vertical	Pass
5	7774.500	56.25	3.24	74.0	17.75	Peak	348.00	150	Vertical	Pass
5**	7774.500	45.01	3.24	54.0	8.99	AV	348.00	150	Vertical	Pass
6	11226.500	49.24	-1.44	74.0	24.76	Peak	248.00	150	Vertical	Pass
6**	11226.500	39.36	-1.44	54.0	14.64	AV	248.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	46.76	-15.01	74.0	27.24	Peak	129.00	150	Horizontal	Pass
1**	1329.500	33.39	-15.01	54.0	20.61	AV	129.00	150	Horizontal	Pass
2	2117.000	43.78	-12.29	74.0	30.22	Peak	356.00	150	Horizontal	Pass
2**	2117.000	32.31	-12.29	54.0	21.69	AV	356.00	150	Horizontal	Pass
3	2438.500	95.12	-11.32	74.0	-21.12	Peak	135.00	150	Horizontal	N/A
3**	2438.500	85.61	-11.32	54.0	-31.61	AV	135.00	150	Horizontal	N/A
4	3591.500	46.26	-5.13	74.0	27.74	Peak	360.00	150	Horizontal	Pass
4**	3591.500	35.71	-5.13	54.0	18.29	AV	360.00	150	Horizontal	Pass
5	7789.000	56.07	3.73	74.0	17.93	Peak	124.00	150	Horizontal	Pass
5**	7789.000	45.30	3.73	54.0	8.70	AV	124.00	150	Horizontal	Pass
6	12142.000	50.17	-1.23	74.0	23.83	Peak	70.00	150	Horizontal	Pass
6**	12142.000	39.22	-1.23	54.0	14.78	AV	70.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.250	47.46	-15.03	74.0	26.54	Peak	124.00	150	Vertical	Pass
1**	1330.250	35.82	-15.03	54.0	18.18	AV	124.00	150	Vertical	Pass
2	1919.000	49.69	-14.22	74.0	24.31	Peak	118.00	150	Vertical	Pass
2**	1919.000	36.42	-14.22	54.0	17.58	AV	118.00	150	Vertical	Pass
3	2434.500	107.37	-11.24	74.0	-33.37	Peak	29.00	150	Vertical	N/A
3**	2434.500	98.68	-11.24	54.0	-44.68	AV	29.00	150	Vertical	N/A
4	4003.500	48.79	-4.01	74.0	25.21	Peak	0.00	150	Vertical	Pass
4**	4003.500	37.23	-4.01	54.0	16.77	AV	0.00	150	Vertical	Pass
5	7734.000	55.75	3.22	74.0	18.25	Peak	173.00	150	Vertical	Pass
5**	7734.000	44.59	3.22	54.0	9.41	AV	173.00	150	Vertical	Pass
6	12291.500	50.43	-1.29	74.0	23.57	Peak	138.00	150	Vertical	Pass
6**	12291.500	38.81	-1.29	54.0	15.19	AV	138.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.250	46.82	-14.31	74.0	27.18	Peak	158.00	150	Horizontal	Pass
1**	1063.250	37.44	-14.31	54.0	16.56	AV	158.00	150	Horizontal	Pass
2	1333.000	44.44	-15.05	74.0	29.56	Peak	145.00	150	Horizontal	Pass
2**	1333.000	31.79	-15.05	54.0	22.21	AV	145.00	150	Horizontal	Pass
3	2442.000	91.79	-11.40	74.0	-17.79	Peak	134.00	150	Horizontal	N/A
3**	2442.000	78.73	-11.40	54.0	-24.73	AV	134.00	150	Horizontal	N/A
4	2971.000	47.19	-7.17	74.0	26.81	Peak	8.00	150	Horizontal	Pass
4**	2971.000	36.03	-7.17	54.0	17.97	AV	8.00	150	Horizontal	Pass
5	7913.500	56.79	3.56	74.0	17.21	Peak	105.00	150	Horizontal	Pass
5**	7913.500	45.20	3.56	54.0	8.80	AV	105.00	150	Horizontal	Pass
6	12938.500	51.20	0.52	74.0	22.80	Peak	321.00	150	Horizontal	Pass
6**	12938.500	40.72	0.52	54.0	13.28	AV	321.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	48.42	-15.03	74.0	25.58	Peak	153.00	150	Vertical	Pass
1**	1330.500	35.24	-15.03	54.0	18.76	AV	153.00	150	Vertical	Pass
2	2000.500	50.09	-13.10	74.0	23.91	Peak	114.00	150	Vertical	Pass
2**	2000.500	33.09	-13.10	54.0	20.91	AV	114.00	150	Vertical	Pass
3	2439.500	104.59	-11.34	74.0	-30.59	Peak	304.00	150	Vertical	N/A
3**	2439.500	96.56	-11.34	54.0	-42.56	AV	304.00	150	Vertical	N/A
4	3199.000	46.77	-6.66	74.0	27.23	Peak	169.00	150	Vertical	Pass
4**	3199.000	35.10	-6.66	54.0	18.90	AV	169.00	150	Vertical	Pass
5	7875.500	56.02	3.60	74.0	17.98	Peak	219.00	150	Vertical	Pass
5**	7875.500	44.87	3.60	54.0	9.13	AV	219.00	150	Vertical	Pass
6	13754.000	51.25	-0.05	74.0	22.75	Peak	279.00	150	Vertical	Pass
6**	13754.000	41.01	-0.05	54.0	12.99	AV	279.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.500	46.25	-14.59	74.0	27.75	Peak	155.00	150	Horizontal	Pass
1**	1159.500	29.94	-14.59	54.0	24.06	AV	155.00	150	Horizontal	Pass
2	2082.750	44.38	-12.55	74.0	29.62	Peak	170.00	150	Horizontal	Pass
2**	2082.750	32.35	-12.55	54.0	21.65	AV	170.00	150	Horizontal	Pass
3	2438.250	95.07	-11.32	74.0	-21.07	Peak	295.00	150	Horizontal	N/A
3**	2438.250	86.86	-11.32	54.0	-32.86	AV	295.00	150	Horizontal	N/A
4	2999.500	46.29	-7.46	74.0	27.71	Peak	39.00	150	Horizontal	Pass
4**	2999.500	35.98	-7.46	54.0	18.02	AV	39.00	150	Horizontal	Pass
5	6430.500	54.73	2.02	74.0	19.27	Peak	199.00	150	Horizontal	Pass
5**	6430.500	43.61	2.02	54.0	10.39	AV	199.00	150	Horizontal	Pass
6	9983.500	50.53	-0.64	74.0	23.47	Peak	40.00	150	Horizontal	Pass
6**	9983.500	38.56	-0.64	54.0	15.44	AV	40.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.750	48.54	-15.02	74.0	25.46	Peak	124.00	150	Vertical	Pass
1**	1329.750	35.52	-15.02	54.0	18.48	AV	124.00	150	Vertical	Pass
2	2088.750	50.58	-12.43	74.0	23.42	Peak	139.00	150	Vertical	Pass
2**	2088.750	34.97	-12.43	54.0	19.03	AV	139.00	150	Vertical	Pass
3	2439.750	108.58	-11.35	74.0	-34.58	Peak	360.00	150	Vertical	N/A
3**	2439.750	99.04	-11.35	54.0	-45.04	AV	360.00	150	Vertical	N/A
4	3222.000	46.78	-5.42	74.0	27.22	Peak	102.00	150	Vertical	Pass
4**	3222.000	35.38	-5.42	54.0	18.62	AV	102.00	150	Vertical	Pass
5	6396.500	55.93	2.36	74.0	18.07	Peak	30.00	150	Vertical	Pass
5**	6396.500	43.76	2.36	54.0	10.24	AV	30.00	150	Vertical	Pass
6	12938.000	50.33	0.50	74.0	23.67	Peak	140.00	150	Vertical	Pass
6**	12938.000	40.61	0.50	54.0	13.39	AV	140.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	46.04	-14.54	74.0	27.96	Peak	162.00	150	Horizontal	Pass
1**	1163.500	30.82	-14.54	54.0	23.18	AV	162.00	150	Horizontal	Pass
2	2086.000	44.82	-12.49	74.0	29.18	Peak	153.00	150	Horizontal	Pass
2**	2086.000	32.89	-12.49	54.0	21.11	AV	153.00	150	Horizontal	Pass
3	2435.250	91.96	-11.25	74.0	-17.96	Peak	71.00	150	Horizontal	N/A
3**	2435.250	82.91	-11.25	54.0	-28.91	AV	71.00	150	Horizontal	N/A
4	2862.500	46.48	-8.39	74.0	27.52	Peak	176.00	150	Horizontal	Pass
4**	2862.500	34.65	-8.39	54.0	19.35	AV	176.00	150	Horizontal	Pass
5	7770.500	55.64	3.24	74.0	18.36	Peak	0.00	150	Horizontal	Pass
5**	7770.500	44.59	3.24	54.0	9.41	AV	0.00	150	Horizontal	Pass
6	11524.500	49.15	-1.01	74.0	24.85	Peak	98.00	150	Horizontal	Pass
6**	11524.500	38.45	-1.01	54.0	15.55	AV	98.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	47.15	-15.00	74.0	26.85	Peak	121.00	150	Vertical	Pass
1**	1328.000	37.22	-15.00	54.0	16.78	AV	121.00	150	Vertical	Pass
2	1898.000	52.17	-14.29	74.0	21.83	Peak	121.00	150	Vertical	Pass
2**	1898.000	33.64	-14.29	54.0	20.36	AV	121.00	150	Vertical	Pass
3	2433.500	106.13	-11.22	74.0	-32.13	Peak	360.00	150	Vertical	N/A
3**	2433.500	96.65	-11.22	54.0	-42.65	AV	360.00	150	Vertical	N/A
4	2997.250	47.04	-7.53	74.0	26.96	Peak	99.00	150	Vertical	Pass
4**	2997.250	35.83	-7.53	54.0	18.17	AV	99.00	150	Vertical	Pass
5	7802.000	56.30	3.73	74.0	17.70	Peak	168.00	150	Vertical	Pass
5**	7802.000	45.08	3.73	54.0	8.92	AV	168.00	150	Vertical	Pass
6	12318.000	49.77	-0.66	74.0	24.23	Peak	199.00	150	Vertical	Pass
6**	12318.000	39.34	-0.66	54.0	14.66	AV	199.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(RU26) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	47.07	-14.26	74.0	26.93	Peak	37.00	150	Horizontal	Pass
1**	1065.000	37.76	-14.26	54.0	16.24	AV	37.00	150	Horizontal	Pass
2	1332.000	44.77	-15.03	74.0	29.23	Peak	135.00	150	Horizontal	Pass
2**	1332.000	34.43	-15.03	54.0	19.57	AV	135.00	150	Horizontal	Pass
3	1782.750	43.79	-14.90	74.0	30.21	Peak	0.00	150	Horizontal	Pass
3**	1782.750	36.24	-14.90	54.0	17.76	AV	0.00	150	Horizontal	Pass
4	2428.750	102.86	-11.12	74.0	-28.86	Peak	119.00	150	Horizontal	N/A
4**	2428.750	96.84	-11.12	54.0	-42.84	AV	119.00	150	Horizontal	N/A
5	4634.500	49.87	-1.72	74.0	24.13	Peak	1.00	150	Horizontal	Pass
5**	4634.500	38.75	-1.72	54.0	15.25	AV	1.00	150	Horizontal	Pass
6	7178.500	55.12	2.18	74.0	18.88	Peak	21.00	150	Horizontal	Pass
6**	7178.500	43.90	2.18	54.0	10.10	AV	21.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(RU26) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.000	48.75	-14.28	74.0	25.25	Peak	131.00	150	Vertical	Pass
1**	1064.000	38.26	-14.28	54.0	15.74	AV	131.00	150	Vertical	Pass
2	1333.500	46.14	-15.05	74.0	27.86	Peak	121.00	150	Vertical	Pass
2**	1333.500	33.92	-15.05	54.0	20.08	AV	121.00	150	Vertical	Pass
3	2130.750	47.97	-12.00	74.0	26.03	Peak	131.00	150	Vertical	Pass
3**	2130.750	34.48	-12.00	54.0	19.52	AV	131.00	150	Vertical	Pass
4	2428.000	112.48	-11.11	74.0	-38.48	Peak	332.00	150	Vertical	N/A
4**	2428.000	106.29	-11.11	54.0	-52.29	AV	332.00	150	Vertical	N/A
5	4629.500	49.87	-1.52	74.0	24.13	Peak	65.00	150	Vertical	Pass
5**	4629.500	39.12	-1.52	54.0	14.88	AV	65.00	150	Vertical	Pass
6	7783.500	55.75	3.44	74.0	18.25	Peak	170.00	150	Vertical	Pass
6**	7783.500	44.76	3.44	54.0	9.24	AV	170.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(RU484) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	45.02	-14.33	74.0	28.98	Peak	266.00	100	Horizontal	Pass
1**	1062.000	34.36	-14.33	54.0	19.64	AV	266.00	100	Horizontal	Pass
2	1328.750	44.22	-15.00	74.0	29.78	Peak	146.00	100	Horizontal	Pass
2**	1328.750	34.55	-15.00	54.0	19.45	AV	146.00	100	Horizontal	Pass
3	2428.250	93.50	-11.12	74.0	-19.50	Peak	118.00	100	Horizontal	N/A
3**	2428.250	84.36	-11.12	54.0	-30.36	AV	118.00	100	Horizontal	N/A
4	4398.000	48.38	-2.54	74.0	25.62	Peak	162.00	100	Horizontal	Pass
4**	4398.000	37.81	-2.54	54.0	16.19	AV	162.00	100	Horizontal	Pass
5	6866.000	54.81	2.39	74.0	19.19	Peak	220.00	100	Horizontal	Pass
5**	6866.000	43.73	2.39	54.0	10.27	AV	220.00	100	Horizontal	Pass
6	9767.000	48.18	-0.65	74.0	25.82	Peak	0.00	100	Horizontal	Pass
6**	9767.000	38.06	-0.65	54.0	15.94	AV	0.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(RU484) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.250	45.68	-15.01	74.0	28.32	Peak	142.00	100	Vertical	Pass
1**	1329.250	36.49	-15.01	54.0	17.51	AV	142.00	100	Vertical	Pass
2	1897.250	47.68	-14.29	74.0	26.32	Peak	117.00	100	Vertical	Pass
2**	1897.250	35.54	-14.29	54.0	18.46	AV	117.00	100	Vertical	Pass
3	2428.250	105.07	-11.12	74.0	-31.07	Peak	336.00	100	Vertical	N/A
3**	2428.250	95.21	-11.12	54.0	-41.21	AV	336.00	100	Vertical	N/A
4	4332.500	48.81	-2.52	74.0	25.19	Peak	166.00	100	Vertical	Pass
4**	4332.500	37.70	-2.52	54.0	16.30	AV	166.00	100	Vertical	Pass
5	6865.000	54.47	2.43	74.0	19.53	Peak	207.00	100	Vertical	Pass
5**	6865.000	43.75	2.43	54.0	10.25	AV	207.00	100	Vertical	Pass
6	12494.500	49.20	0.12	74.0	24.80	Peak	251.00	100	Vertical	Pass
6**	12494.500	39.06	0.12	54.0	14.94	AV	251.00	100	Vertical	Pass

Aux Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.750	44.55	-15.00	74.0	29.45	Peak	129.00	150	Horizontal	Pass
1**	1328.750	34.72	-15.00	54.0	19.28	AV	129.00	150	Horizontal	Pass
2	2052.250	44.86	-12.57	74.0	29.14	Peak	148.00	150	Horizontal	Pass
2**	2052.250	32.78	-12.57	54.0	21.22	AV	148.00	150	Horizontal	Pass
3	2443.000	99.25	-11.39	74.0	-25.25	Peak	45.00	150	Horizontal	N/A
3**	2443.000	90.17	-11.39	54.0	-36.17	AV	45.00	150	Horizontal	N/A
4	4350.500	48.38	-2.62	74.0	25.62	Peak	42.00	150	Horizontal	Pass
4**	4350.500	37.76	-2.62	54.0	16.24	AV	42.00	150	Horizontal	Pass
5	6660.000	54.39	1.93	74.0	19.61	Peak	64.00	150	Horizontal	Pass
5**	6660.000	43.33	1.93	54.0	10.67	AV	64.00	150	Horizontal	Pass
6	12704.500	49.50	-0.07	74.0	24.50	Peak	320.00	150	Horizontal	Pass
6**	12704.500	39.19	-0.07	54.0	14.81	AV	320.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	52.03	-15.00	74.0	21.97	Peak	107.00	150	Vertical	Pass
1**	1327.500	34.97	-15.00	54.0	19.03	AV	107.00	150	Vertical	Pass
2	2117.000	48.75	-12.29	74.0	25.25	Peak	112.00	150	Vertical	Pass
2**	2117.000	33.64	-12.29	54.0	20.36	AV	112.00	150	Vertical	Pass
3	2439.500	106.09	-11.34	74.0	-32.09	Peak	222.00	150	Vertical	N/A
3**	2439.500	97.11	-11.34	54.0	-43.11	AV	222.00	150	Vertical	N/A
4	4211.000	48.83	-2.36	74.0	25.17	Peak	297.00	150	Vertical	Pass
4**	4211.000	37.72	-2.36	54.0	16.28	AV	297.00	150	Vertical	Pass
5	6837.500	55.17	2.38	74.0	18.83	Peak	264.00	150	Vertical	Pass
5**	6837.500	43.76	2.38	54.0	10.24	AV	264.00	150	Vertical	Pass
6	12141.500	48.99	-1.23	74.0	25.01	Peak	190.00	150	Vertical	Pass
6**	12141.500	38.05	-1.23	54.0	15.95	AV	190.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	44.89	-15.00	74.0	29.11	Peak	145.00	150	Horizontal	Pass
1**	1329.000	35.24	-15.00	54.0	18.76	AV	145.00	150	Horizontal	Pass
2	2075.000	43.96	-12.62	74.0	30.04	Peak	150.00	150	Horizontal	Pass
2**	2075.000	34.29	-12.62	54.0	19.71	AV	150.00	150	Horizontal	Pass
3	2439.250	98.58	-11.33	74.0	-24.58	Peak	44.00	150	Horizontal	N/A
3**	2439.250	90.99	-11.33	54.0	-36.99	AV	44.00	150	Horizontal	N/A
4	3085.000	46.06	-6.07	74.0	27.94	Peak	158.00	150	Horizontal	Pass
4**	3085.000	34.79	-6.07	54.0	19.21	AV	158.00	150	Horizontal	Pass
5	6837.000	54.97	2.39	74.0	19.03	Peak	44.00	150	Horizontal	Pass
5**	6837.000	43.77	2.39	54.0	10.23	AV	44.00	150	Horizontal	Pass
6	11441.500	48.91	-1.16	74.0	25.09	Peak	132.00	150	Horizontal	Pass
6**	11441.500	38.35	-1.16	54.0	15.65	AV	132.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	48.18	-15.03	74.0	25.82	Peak	104.00	150	Vertical	Pass
1**	1330.000	38.04	-15.03	54.0	15.96	AV	104.00	150	Vertical	Pass
2	2091.000	47.99	-12.45	74.0	26.01	Peak	123.00	150	Vertical	Pass
2**	2091.000	33.45	-12.45	54.0	20.55	AV	123.00	150	Vertical	Pass
3	2435.750	107.66	-11.28	74.0	-33.66	Peak	209.00	150	Vertical	N/A
3**	2435.750	99.33	-11.28	54.0	-45.33	AV	209.00	150	Vertical	N/A
4	4452.500	49.43	-2.96	74.0	24.57	Peak	325.00	150	Vertical	Pass
4**	4452.500	37.63	-2.96	54.0	16.37	AV	325.00	150	Vertical	Pass
5	7553.000	54.95	2.74	74.0	19.05	Peak	262.00	150	Vertical	Pass
5**	7553.000	43.64	2.74	54.0	10.36	AV	262.00	150	Vertical	Pass
6	11008.500	48.95	-1.30	74.0	25.05	Peak	78.00	150	Vertical	Pass
6**	11008.500	37.90	-1.30	54.0	16.10	AV	78.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	44.32	-15.00	74.0	29.68	Peak	121.00	150	Horizontal	Pass
1**	1328.000	32.33	-15.00	54.0	21.67	AV	121.00	150	Horizontal	Pass
2	2087.750	44.46	-12.44	74.0	29.54	Peak	147.00	150	Horizontal	Pass
2**	2087.750	34.33	-12.44	54.0	19.67	AV	147.00	150	Horizontal	Pass
3	2435.500	97.36	-11.26	74.0	-23.36	Peak	242.00	150	Horizontal	N/A
3**	2435.500	89.38	-11.26	54.0	-35.38	AV	242.00	150	Horizontal	N/A
4	3226.000	46.28	-5.65	74.0	27.72	Peak	131.00	150	Horizontal	Pass
4**	3226.000	35.11	-5.65	54.0	18.89	AV	131.00	150	Horizontal	Pass
5	6434.000	54.57	2.04	74.0	19.43	Peak	0.00	150	Horizontal	Pass
5**	6434.000	42.91	2.04	54.0	11.09	AV	0.00	150	Horizontal	Pass
6	12472.500	49.55	-0.49	74.0	24.45	Peak	360.00	150	Horizontal	Pass
6**	12472.500	38.34	-0.49	54.0	15.66	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	49.78	-15.01	74.0	24.22	Peak	120.00	150	Vertical	Pass
1**	1329.500	40.18	-15.01	54.0	13.82	AV	120.00	150	Vertical	Pass
2	2117.750	48.17	-12.29	74.0	25.83	Peak	110.00	150	Vertical	Pass
2**	2117.750	32.47	-12.29	54.0	21.53	AV	110.00	150	Vertical	Pass
3	2439.250	106.20	-11.33	74.0	-32.20	Peak	214.00	150	Vertical	N/A
3**	2439.250	98.21	-11.33	54.0	-44.21	AV	214.00	150	Vertical	N/A
4	3224.500	46.25	-5.56	74.0	27.75	Peak	360.00	150	Vertical	Pass
4**	3224.500	35.51	-5.56	54.0	18.49	AV	360.00	150	Vertical	Pass
5	6900.000	54.47	2.43	74.0	19.53	Peak	136.00	150	Vertical	Pass
5**	6900.000	43.78	2.43	54.0	10.22	AV	136.00	150	Vertical	Pass
6	12316.500	49.70	-0.84	74.0	24.30	Peak	0.00	150	Vertical	Pass
6**	12316.500	38.41	-0.84	54.0	15.59	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	47.41	-15.00	74.0	26.59	Peak	136.00	150	Horizontal	Pass
1**	1327.500	34.88	-15.00	54.0	19.12	AV	136.00	150	Horizontal	Pass
2	1665.750	42.63	-15.19	74.0	31.37	Peak	147.00	150	Horizontal	Pass
2**	1665.750	29.43	-15.19	54.0	24.57	AV	147.00	150	Horizontal	Pass
3	2441.250	98.52	-11.41	74.0	-24.52	Peak	260.00	150	Horizontal	N/A
3**	2441.250	85.79	-11.41	54.0	-31.79	AV	260.00	150	Horizontal	N/A
4	4099.000	48.45	-3.65	74.0	25.55	Peak	288.00	150	Horizontal	Pass
4**	4099.000	37.29	-3.65	54.0	16.71	AV	288.00	150	Horizontal	Pass
5	7794.000	55.62	3.91	74.0	18.38	Peak	0.00	150	Horizontal	Pass
5**	7794.000	45.13	3.91	54.0	8.87	AV	0.00	150	Horizontal	Pass
6	11220.000	49.51	-1.39	74.0	24.49	Peak	230.00	150	Horizontal	Pass
6**	11220.000	38.95	-1.39	54.0	15.05	AV	230.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.500	51.53	-14.30	74.0	22.47	Peak	138.00	150	Vertical	Pass
1**	1063.500	42.98	-14.30	54.0	11.02	AV	138.00	150	Vertical	Pass
2	1330.250	52.59	-15.03	74.0	21.41	Peak	129.00	150	Vertical	Pass
2**	1330.250	40.08	-15.03	54.0	13.92	AV	129.00	150	Vertical	Pass
3	2443.250	104.13	-11.38	74.0	-30.13	Peak	210.00	150	Vertical	N/A
3**	2443.250	96.02	-11.38	54.0	-42.02	AV	210.00	150	Vertical	N/A
4	4892.500	50.93	-1.23	74.0	23.07	Peak	94.00	150	Vertical	Pass
4**	4892.500	39.87	-1.23	54.0	14.13	AV	94.00	150	Vertical	Pass
5	7757.500	55.96	3.49	74.0	18.04	Peak	272.00	150	Vertical	Pass
5**	7757.500	45.58	3.49	54.0	8.42	AV	272.00	150	Vertical	Pass
6	11895.500	49.81	-0.90	74.0	24.19	Peak	12.00	150	Vertical	Pass
6**	11895.500	39.41	-0.90	54.0	14.59	AV	12.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1094.000	46.80	-14.92	74.0	27.20	Peak	151.00	150	Horizontal	Pass
1**	1094.000	30.81	-14.92	54.0	23.19	AV	151.00	150	Horizontal	Pass
2	1990.750	44.00	-13.51	74.0	30.00	Peak	46.00	150	Horizontal	Pass
2**	1990.750	30.61	-13.51	54.0	23.39	AV	46.00	150	Horizontal	Pass
3	2435.250	98.16	-11.25	74.0	-24.16	Peak	207.00	150	Horizontal	N/A
3**	2435.250	87.11	-11.25	54.0	-33.11	AV	207.00	150	Horizontal	N/A
4	2989.750	46.24	-7.88	74.0	27.76	Peak	360.00	150	Horizontal	Pass
4**	2989.750	35.47	-7.88	54.0	18.53	AV	360.00	150	Horizontal	Pass
5	7529.000	54.99	2.71	74.0	19.01	Peak	86.00	150	Horizontal	Pass
5**	7529.000	43.19	2.71	54.0	10.81	AV	86.00	150	Horizontal	Pass
6	14850.000	50.28	1.52	74.0	23.72	Peak	360.00	150	Horizontal	Pass
6**	14850.000	39.35	1.52	54.0	14.65	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	50.11	-14.33	74.0	23.89	Peak	92.00	150	Vertical	Pass
1**	1061.750	37.26	-14.33	54.0	16.74	AV	92.00	150	Vertical	Pass
2	1892.500	48.78	-14.28	74.0	25.22	Peak	106.00	150	Vertical	Pass
2**	1892.500	31.98	-14.28	54.0	22.02	AV	106.00	150	Vertical	Pass
3	2435.000	107.12	-11.24	74.0	-33.12	Peak	199.00	150	Vertical	N/A
3**	2435.000	96.87	-11.24	54.0	-42.87	AV	199.00	150	Vertical	N/A
4	2934.750	46.68	-6.89	74.0	27.32	Peak	92.00	150	Vertical	Pass
4**	2934.750	35.82	-6.89	54.0	18.18	AV	92.00	150	Vertical	Pass
5	7721.500	55.96	3.09	74.0	18.04	Peak	191.00	150	Vertical	Pass
5**	7721.500	44.33	3.09	54.0	9.67	AV	191.00	150	Vertical	Pass
6	14411.500	50.27	0.38	74.0	23.73	Peak	308.00	150	Vertical	Pass
6**	14411.500	39.69	0.38	54.0	14.31	AV	308.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.250	49.13	-15.03	74.0	24.87	Peak	142.00	150	Horizontal	Pass
1**	1331.250	35.81	-15.03	54.0	18.19	AV	142.00	150	Horizontal	Pass
2	2019.250	44.87	-12.95	74.0	29.13	Peak	158.00	150	Horizontal	Pass
2**	2019.250	32.92	-12.95	54.0	21.08	AV	158.00	150	Horizontal	Pass
3	2439.000	97.92	-11.32	74.0	-23.92	Peak	264.00	150	Horizontal	N/A
3**	2439.000	88.92	-11.32	54.0	-34.92	AV	264.00	150	Horizontal	N/A
4	3914.000	48.45	-3.39	74.0	25.55	Peak	13.00	150	Horizontal	Pass
4**	3914.000	37.46	-3.39	54.0	16.54	AV	13.00	150	Horizontal	Pass
5	7857.500	56.61	3.77	74.0	17.39	Peak	115.00	150	Horizontal	Pass
5**	7857.500	44.70	3.77	54.0	9.30	AV	115.00	150	Horizontal	Pass
6	12696.001	51.13	-0.34	74.0	22.87	Peak	357.00	150	Horizontal	Pass
6**	12696.001	39.86	-0.34	54.0	14.14	AV	357.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	49.53	-15.03	74.0	24.47	Peak	129.00	150	Vertical	Pass
1**	1330.000	40.58	-15.03	54.0	13.42	AV	129.00	150	Vertical	Pass
2	1778.750	56.26	-14.94	74.0	17.74	Peak	271.00	150	Vertical	Pass
2**	1778.750	48.98	-14.94	54.0	5.02	AV	271.00	150	Vertical	Pass
3	2439.500	106.10	-11.34	74.0	-32.10	Peak	209.00	150	Vertical	N/A
3**	2439.500	94.19	-11.34	54.0	-40.19	AV	209.00	150	Vertical	N/A
4	3889.500	48.23	-3.95	74.0	25.77	Peak	213.00	150	Vertical	Pass
4**	3889.500	37.55	-3.95	54.0	16.45	AV	213.00	150	Vertical	Pass
5	7771.500	55.88	3.26	74.0	18.12	Peak	213.00	150	Vertical	Pass
5**	7771.500	44.81	3.26	54.0	9.19	AV	213.00	150	Vertical	Pass
6	11012.500	49.15	-1.18	74.0	24.85	Peak	0.00	150	Vertical	Pass
6**	11012.500	39.14	-1.18	54.0	14.86	AV	0.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(RU26) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.750	46.16	-15.00	74.0	27.84	Peak	108.00	150	Horizontal	Pass
1**	1327.750	36.04	-15.00	54.0	17.96	AV	108.00	150	Horizontal	Pass
2	1956.000	43.34	-13.70	74.0	30.66	Peak	322.00	150	Horizontal	Pass
2**	1956.000	31.47	-13.70	54.0	22.53	AV	322.00	150	Horizontal	Pass
3	2429.000	107.73	-11.12	74.0	-33.73	Peak	264.00	150	Horizontal	N/A
3**	2429.000	100.70	-11.12	54.0	-46.70	AV	264.00	150	Horizontal	N/A
4	3804.500	48.18	-3.90	74.0	25.82	Peak	360.00	150	Horizontal	Pass
4**	3804.500	37.50	-3.90	54.0	16.50	AV	360.00	150	Horizontal	Pass
5	7760.000	57.23	3.46	74.0	16.77	Peak	32.00	150	Horizontal	Pass
5**	7760.000	45.18	3.46	54.0	8.82	AV	32.00	150	Horizontal	Pass
6	12940.000	51.62	0.53	74.0	22.38	Peak	71.00	150	Horizontal	Pass
6**	12940.000	41.37	0.53	54.0	12.63	AV	71.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(RU26) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.750	51.54	-15.00	74.0	22.46	Peak	128.00	150	Vertical	Pass
1**	1327.750	37.84	-15.00	54.0	16.16	AV	128.00	150	Vertical	Pass
2	1892.750	46.93	-14.28	74.0	27.07	Peak	106.00	150	Vertical	Pass
2**	1892.750	33.94	-14.28	54.0	20.06	AV	106.00	150	Vertical	Pass
3	2428.000	112.78	-11.11	74.0	-38.78	Peak	220.00	150	Vertical	N/A
3**	2428.000	105.89	-11.11	54.0	-51.89	AV	220.00	150	Vertical	N/A
4	4632.000	51.14	-1.63	74.0	22.86	Peak	179.00	150	Vertical	Pass
4**	4632.000	40.01	-1.63	54.0	13.99	AV	179.00	150	Vertical	Pass
5	7859.000	55.98	3.88	74.0	18.02	Peak	0.00	150	Vertical	Pass
5**	7859.000	45.08	3.88	54.0	8.92	AV	0.00	150	Vertical	Pass
6	12930.000	51.59	0.56	74.0	22.41	Peak	132.00	150	Vertical	Pass
6**	12930.000	40.65	0.56	54.0	13.35	AV	132.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(RU484) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	44.44	-15.03	74.0	29.56	Peak	135.00	150	Horizontal	Pass
1**	1331.000	33.65	-15.03	54.0	20.35	AV	135.00	150	Horizontal	Pass
2	2036.000	45.58	-12.16	74.0	28.42	Peak	124.00	150	Horizontal	Pass
2**	2036.000	32.60	-12.16	54.0	21.40	AV	124.00	150	Horizontal	Pass
3	2436.500	98.56	-11.31	74.0	-24.56	Peak	266.00	150	Horizontal	N/A
3**	2436.500	89.11	-11.31	54.0	-35.11	AV	266.00	150	Horizontal	N/A
4	3970.000	48.52	-3.26	74.0	25.48	Peak	182.00	150	Horizontal	Pass
4**	3970.000	37.45	-3.26	54.0	16.55	AV	182.00	150	Horizontal	Pass
5	7915.000	56.21	3.59	74.0	17.79	Peak	34.00	150	Horizontal	Pass
5**	7915.000	44.94	3.59	54.0	9.06	AV	34.00	150	Horizontal	Pass
6	12894.000	50.57	0.17	74.0	23.43	Peak	18.00	150	Horizontal	Pass
6**	12894.000	40.88	0.17	54.0	13.12	AV	18.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(RU484) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	47.98	-15.03	74.0	26.02	Peak	129.00	150	Vertical	Pass
1**	1330.000	36.53	-15.03	54.0	17.47	AV	129.00	150	Vertical	Pass
2	2118.250	48.53	-12.29	74.0	25.47	Peak	114.00	150	Vertical	Pass
2**	2118.250	32.96	-12.29	54.0	21.04	AV	114.00	150	Vertical	Pass
3	2440.500	104.93	-11.38	74.0	-30.93	Peak	216.00	150	Vertical	N/A
3**	2440.500	94.18	-11.38	54.0	-40.18	AV	216.00	150	Vertical	N/A
4	4224.500	48.92	-3.05	74.0	25.08	Peak	188.00	150	Vertical	Pass
4**	4224.500	38.20	-3.05	54.0	15.80	AV	188.00	150	Vertical	Pass
5	7796.500	55.86	3.91	74.0	18.14	Peak	198.00	150	Vertical	Pass
5**	7796.500	45.43	3.91	54.0	8.57	AV	198.00	150	Vertical	Pass
6	12787.500	51.41	0.03	74.0	22.59	Peak	12.00	150	Vertical	Pass
6**	12787.500	40.58	0.03	54.0	13.42	AV	12.00	150	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.

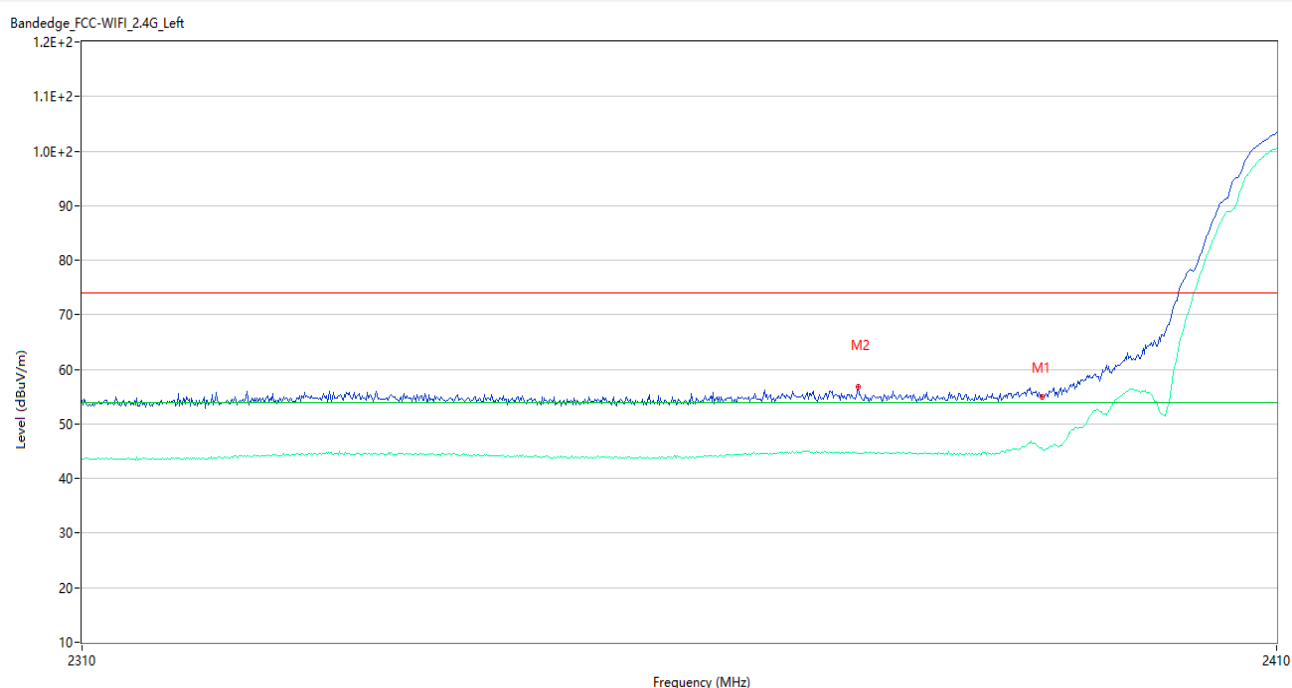
Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

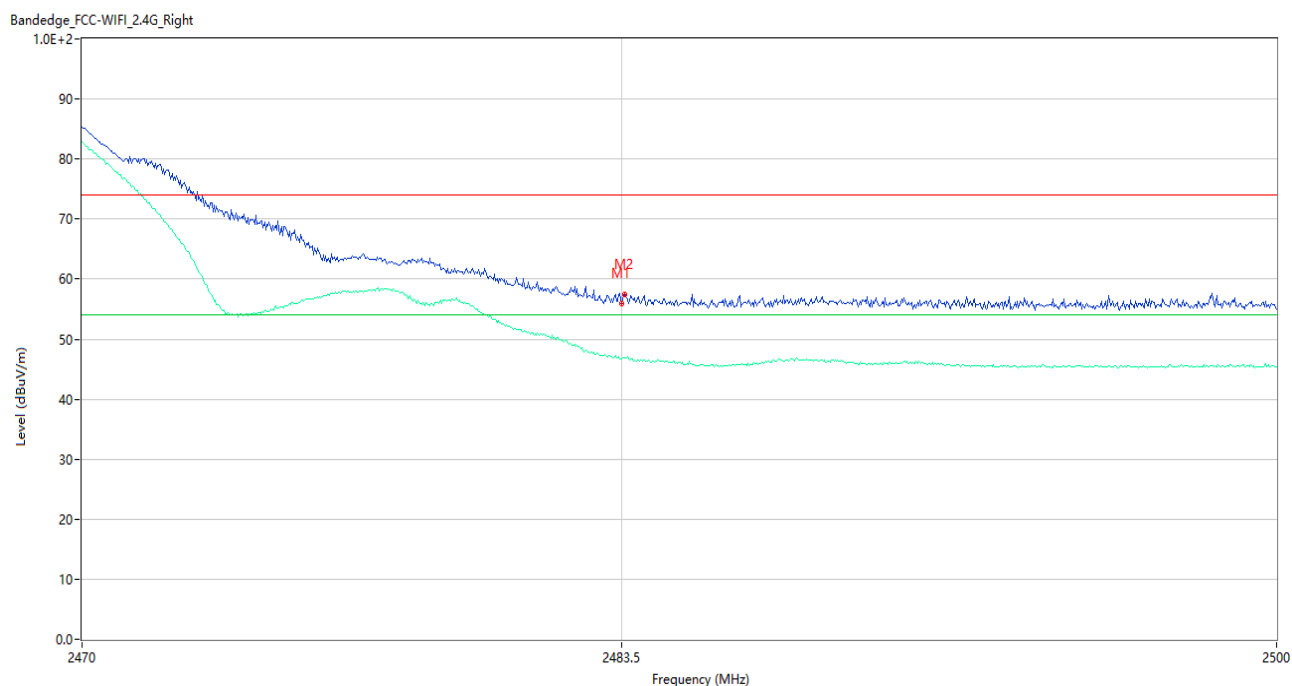
Main Antenna

802.11b LOW CHANNEL



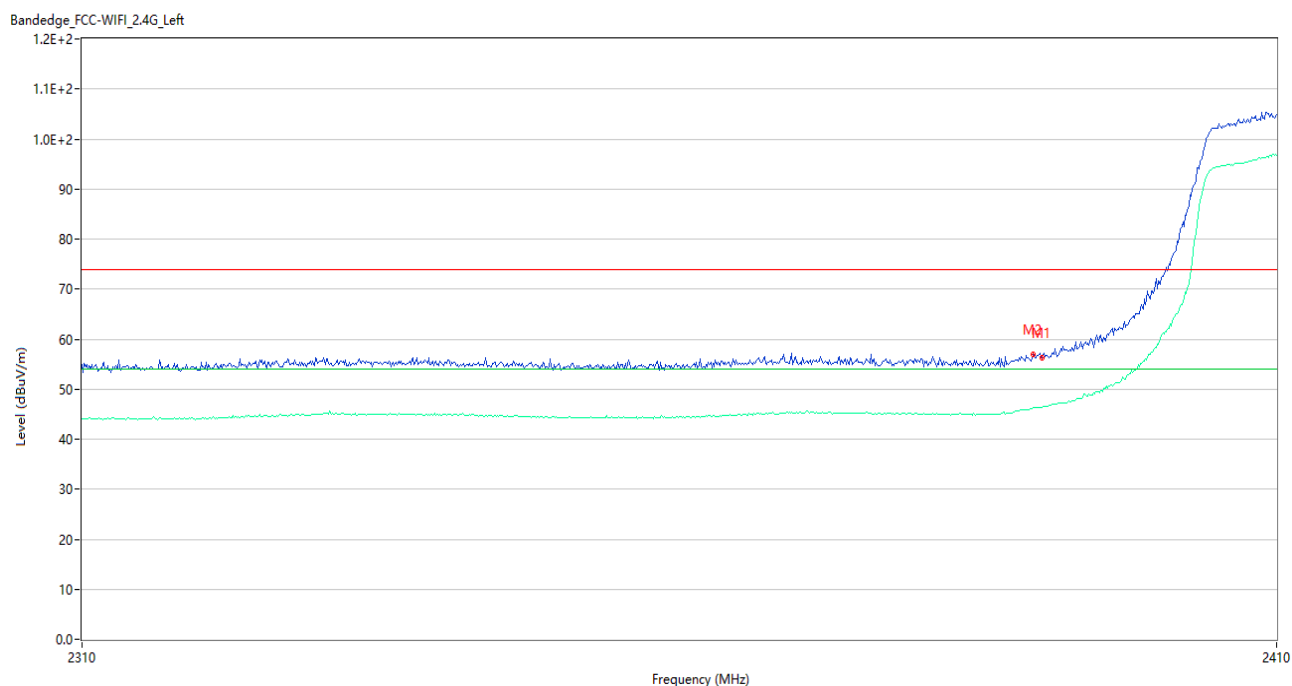
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.96	-3.73	74.0	19.04	Peak	359.56	150	Vertical	Pass
1**	2390.000	45.58	-3.73	54.0	8.42	AV	359.56	150	Vertical	Pass
2	2374.500	56.89	-2.93	74.0	17.11	Peak	340.00	150	Vertical	Pass
2**	2374.500	44.59	-2.93	54.0	9.41	AV	340.00	150	Vertical	Pass

802.11b HIGH CHANNEL



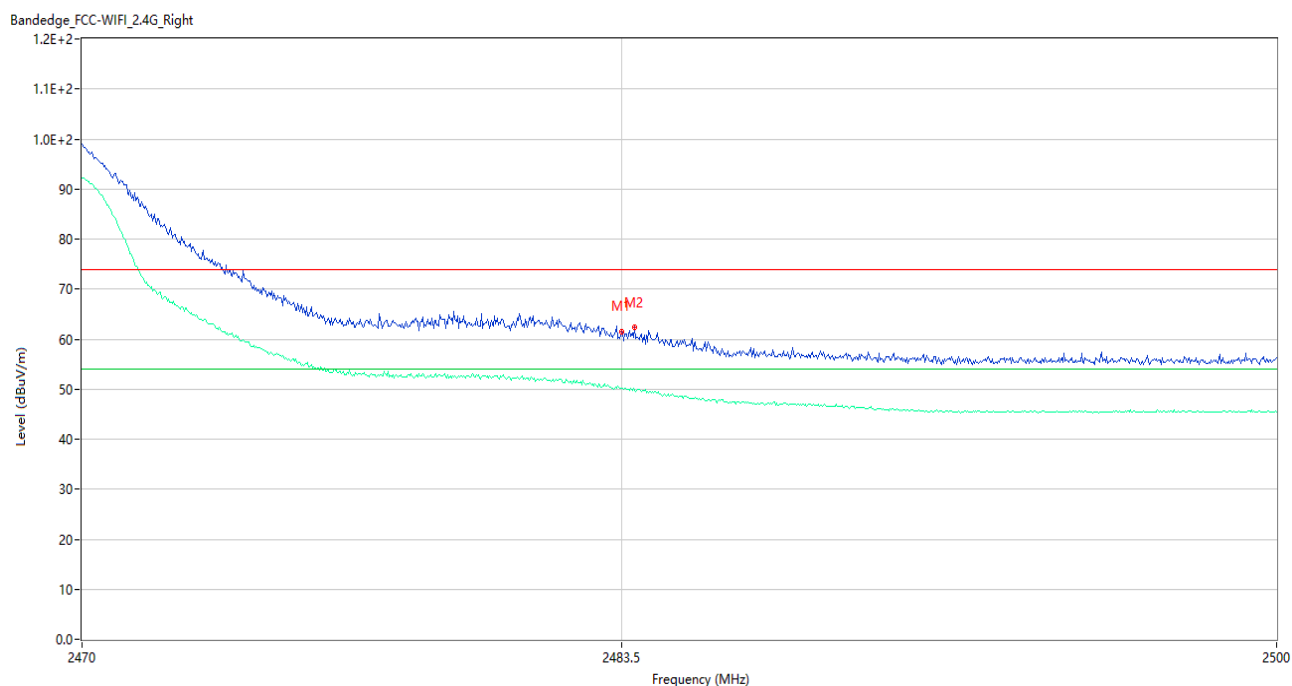
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.94	-2.60	74.0	18.06	Peak	33.00	150	Vertical	Pass
1**	2483.500	46.76	-2.60	54.0	7.24	AV	33.00	150	Vertical	Pass
2	2483.590	57.48	-2.60	74.0	16.52	Peak	0.00	150	Vertical	Pass
2**	2483.590	46.94	-2.60	54.0	7.06	AV	0.00	150	Vertical	Pass

802.11g LOW CHANNEL



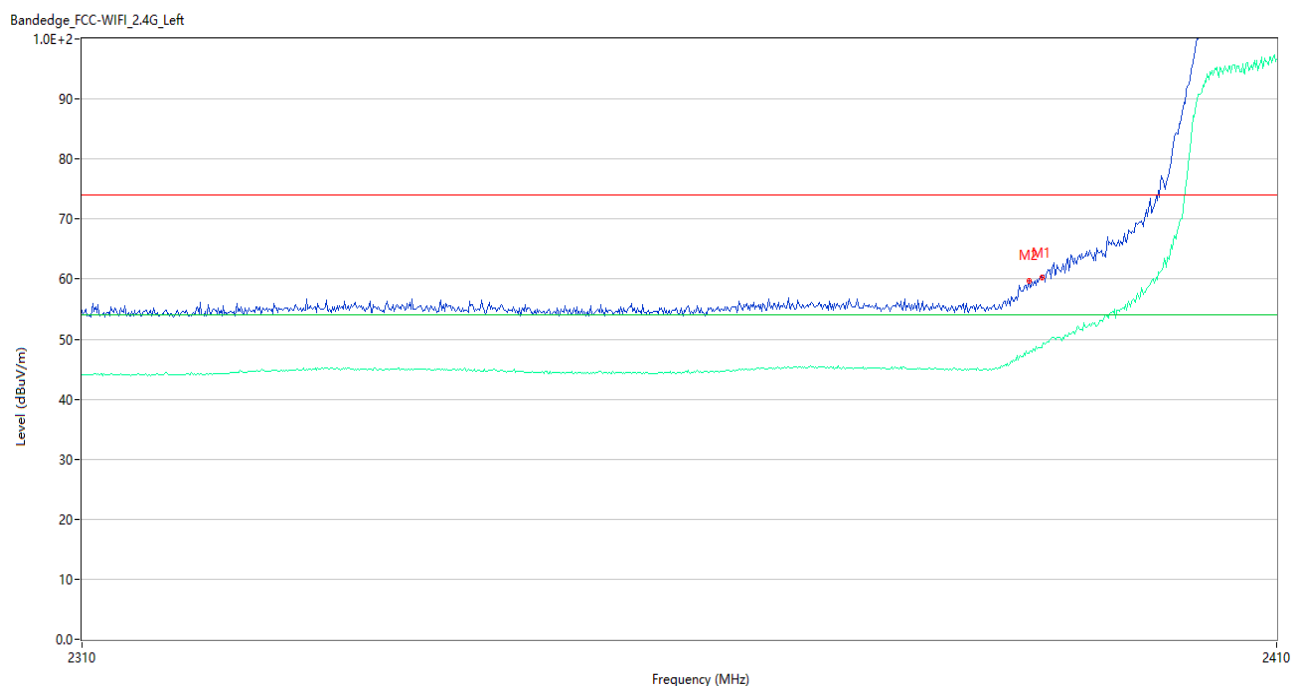
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.33	-3.73	74.0	17.67	Peak	3.13	150	Vertical	Pass
1**	2390.000	46.43	-3.73	54.0	7.57	AV	3.13	150	Vertical	Pass
2	2389.300	56.92	-3.69	74.0	17.08	Peak	302.00	150	Vertical	Pass
2**	2389.300	46.34	-3.69	54.0	7.66	AV	302.00	150	Vertical	Pass

802.11g HIGH CHANNEL



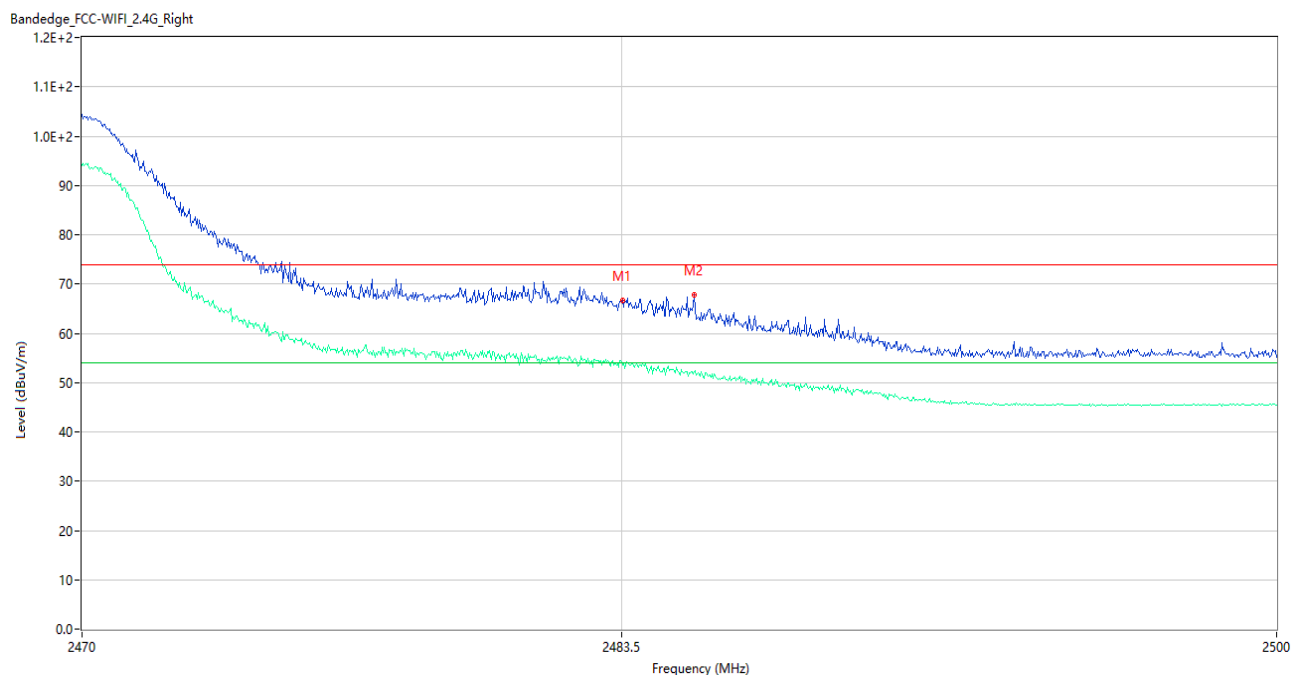
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.85	-2.60	74.0	13.15	Peak	309.00	150	Vertical	Pass
1**	2483.500	49.34	-2.60	54.0	4.66	AV	309.00	150	Vertical	Pass
2	2483.830	62.35	-2.61	74.0	11.65	Peak	18.00	150	Vertical	Pass
2**	2483.830	50.01	-2.61	54.0	3.99	AV	18.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



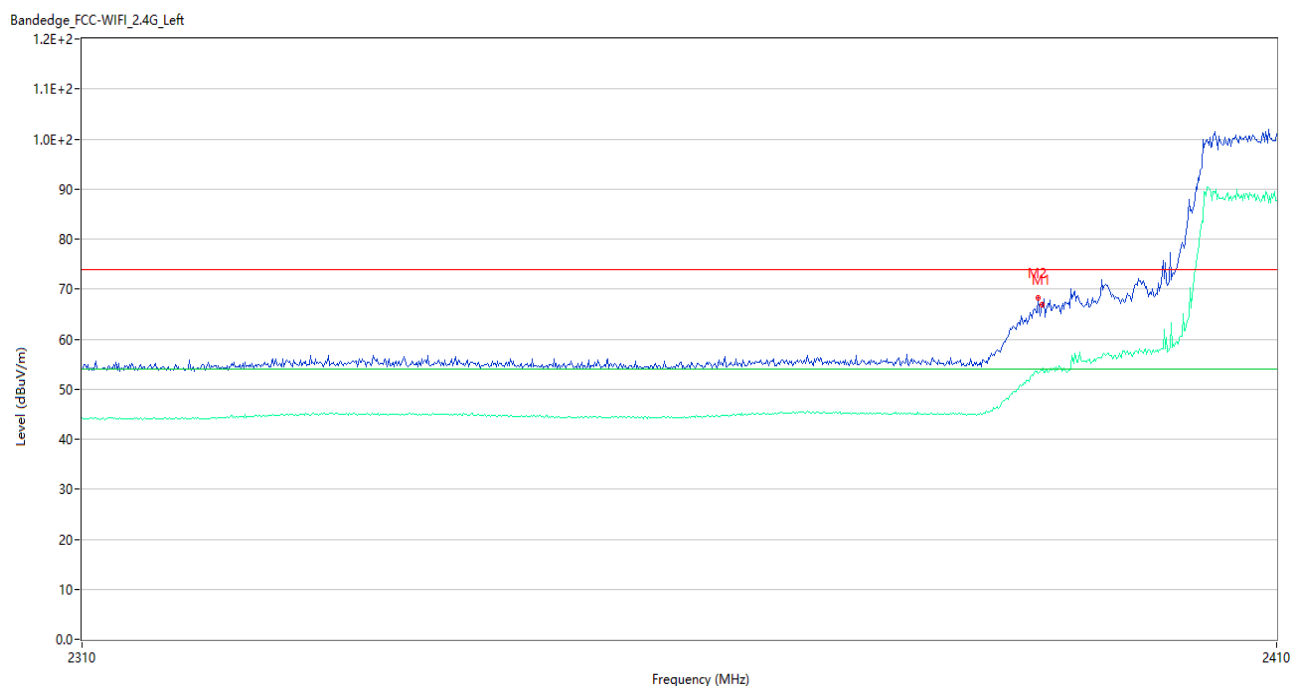
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.28	-3.73	74.0	13.72	Peak	299.62	150	Vertical	Pass
1**	2390.000	48.57	-3.73	54.0	5.43	AV	299.62	150	Vertical	Pass
2	2388.900	59.63	-3.67	74.0	14.37	Peak	32.00	150	Vertical	Pass
2**	2388.900	47.55	-3.67	54.0	6.45	AV	32.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



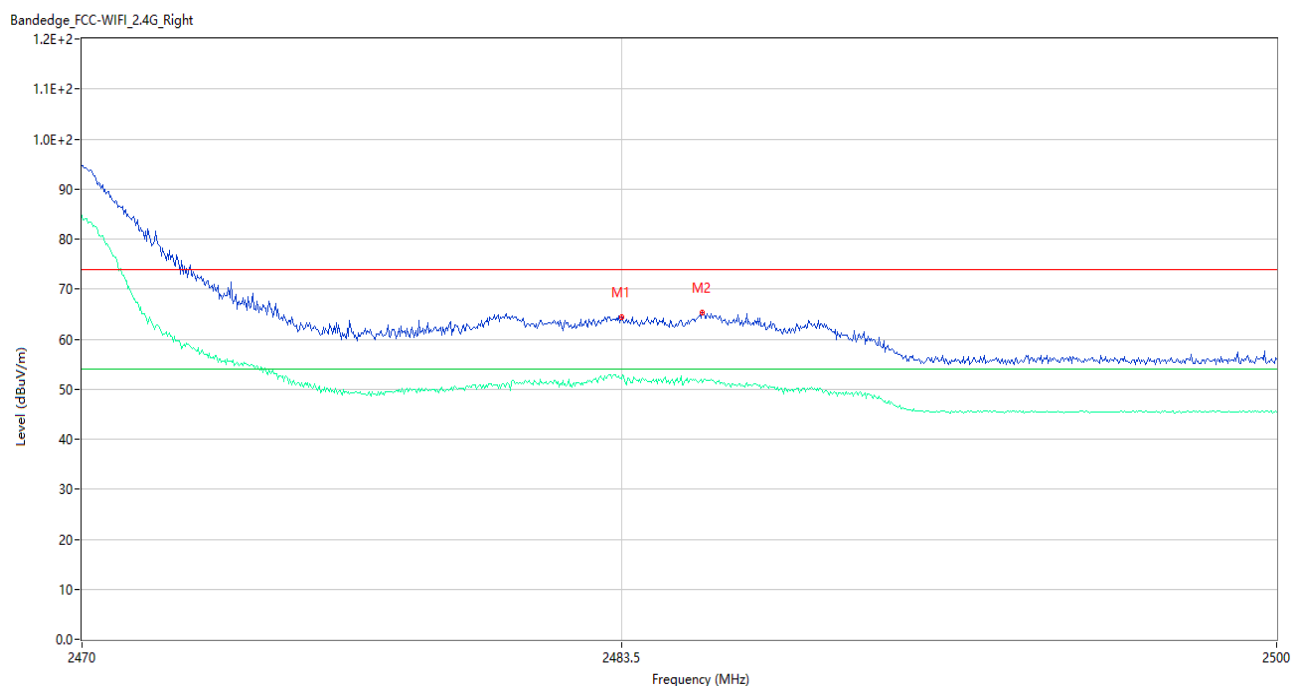
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	66.74	-2.60	74.0	7.26	Peak	19.00	150	Vertical	Pass
1**	2483.530	53.65	-2.60	54.0	0.35	AV	19.00	150	Vertical	Pass
2	2485.330	67.87	-2.62	74.0	6.13	Peak	16.00	150	Vertical	Pass
2**	2485.330	52.17	-2.62	54.0	1.83	AV	16.00	150	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	66.96	-3.73	74.0	7.04	Peak	34.00	150	Vertical	Pass
1**	2390.000	53.71	-3.73	54.0	0.29	AV	34.00	150	Vertical	Pass
2	2389.700	68.21	-3.71	74.0	5.79	Peak	31.00	150	Vertical	Pass
2**	2389.700	53.01	-3.71	54.0	0.99	AV	31.00	150	Vertical	Pass

802.11n40 HIGH CHANNEL



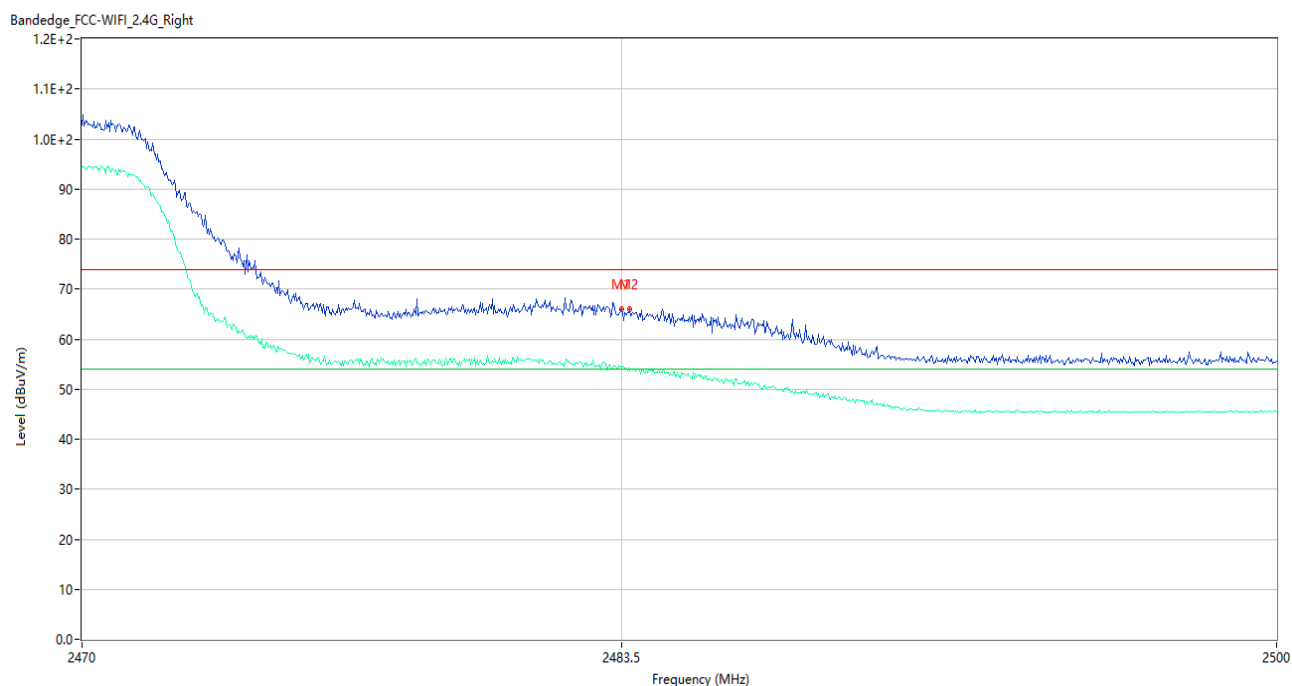
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.29	-2.60	74.0	9.71	Peak	19.00	150	Vertical	Pass
1**	2483.500	51.93	-2.60	54.0	2.07	AV	19.00	150	Vertical	Pass
2	2485.540	65.35	-2.62	74.0	8.65	Peak	17.00	150	Vertical	Pass
2**	2485.540	51.27	-2.62	54.0	2.73	AV	17.00	150	Vertical	Pass

802.11ax20(SU) LOW CHANNEL



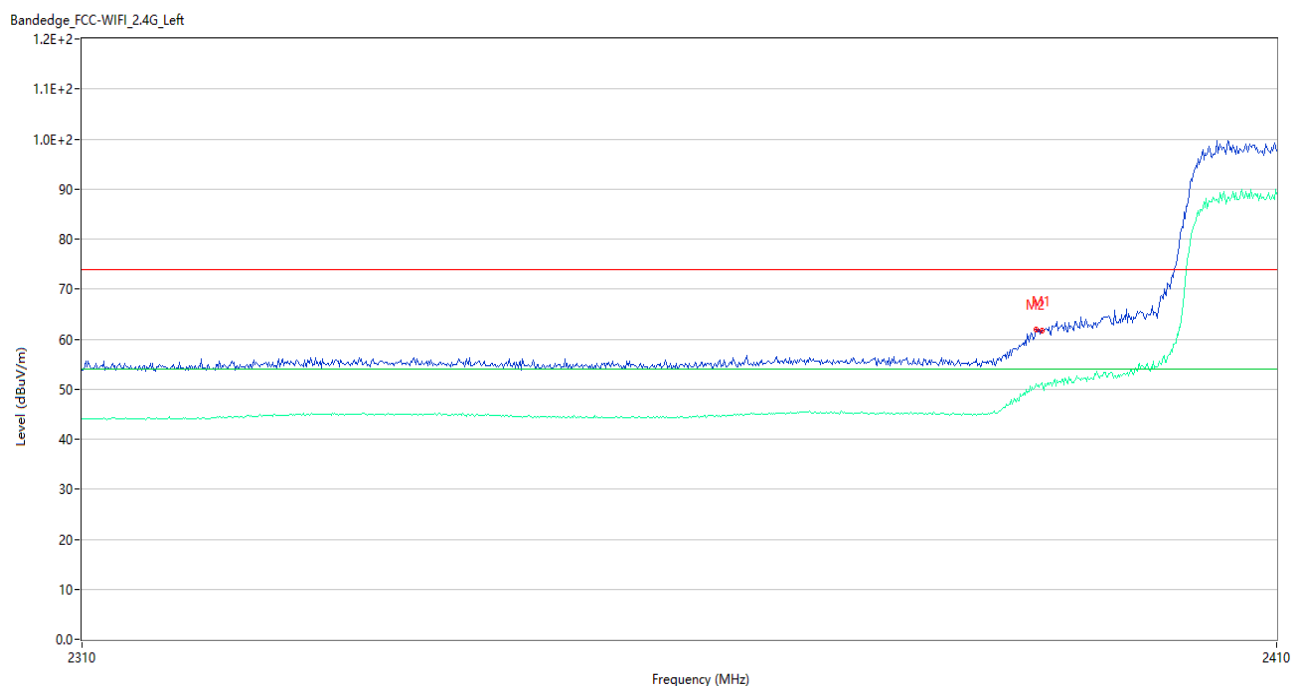
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	62.10	-3.73	74.0	11.90	Peak	359.56	150	Vertical	Pass
1**	2390.000	51.82	-3.73	54.0	2.18	AV	359.56	150	Vertical	Pass
2	2388.900	62.98	-3.67	74.0	11.02	Peak	360.00	150	Vertical	Pass
2**	2388.900	51.15	-3.67	54.0	2.85	AV	360.00	150	Vertical	Pass

802.11 ax20(SU) HIGH CHANNEL



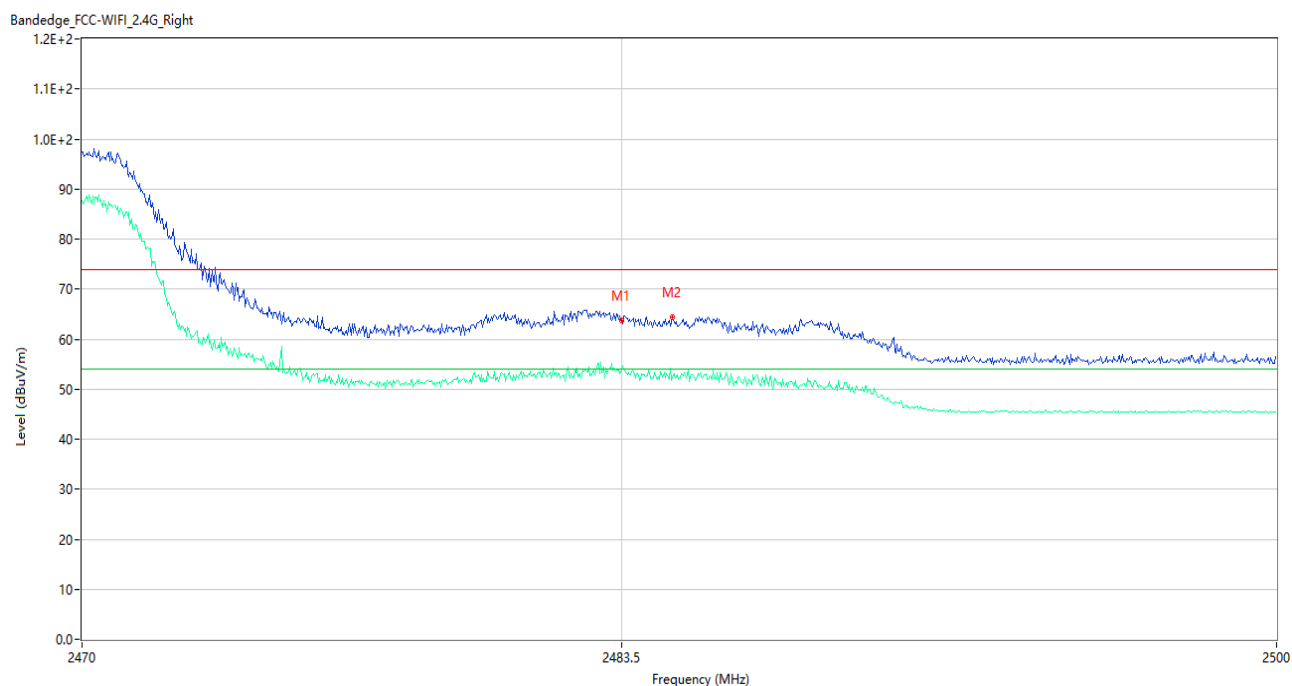
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.06	-2.60	74.0	9.94	Peak	23.00	150	Vertical	Pass
1**	2483.500	53.40	-2.60	54.0	0.60	AV	23.00	150	Vertical	Pass
2	2483.710	66.09	-2.60	74.0	7.91	Peak	11.00	150	Vertical	Pass
2**	2483.710	53.49	-2.60	54.0	0.51	AV	11.00	150	Vertical	Pass

802.11ax40(SU) LOW CHANNEL



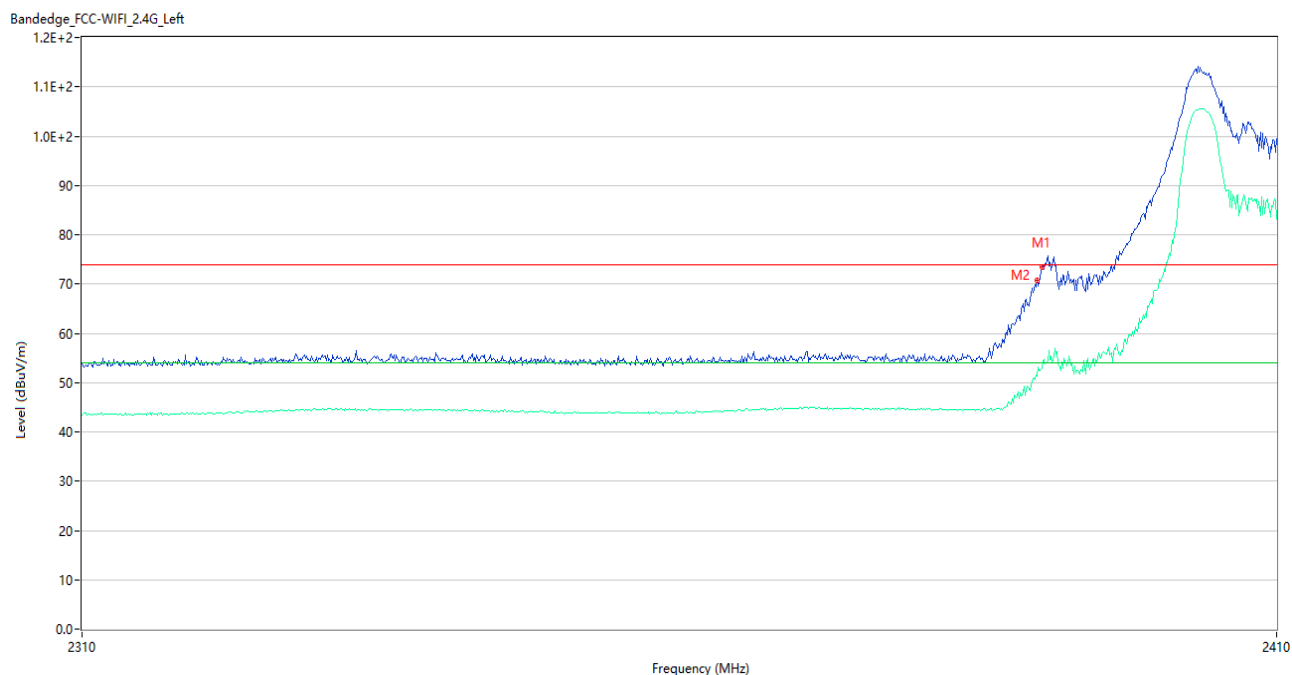
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	61.76	-3.73	74.0	12.24	Peak	0.01	150	Vertical	Pass
1**	2390.000	51.37	-3.73	54.0	2.63	AV	0.01	150	Vertical	Pass
2	2389.500	62.01	-3.70	74.0	11.99	Peak	0.00	150	Vertical	Pass
2**	2389.500	51.17	-3.70	54.0	2.83	AV	0.00	150	Vertical	Pass

802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.68	-2.60	74.0	10.32	Peak	20.00	150	Vertical	Pass
1**	2483.500	53.84	-2.60	54.0	0.16	AV	20.00	150	Vertical	Pass
2	2484.790	64.49	-2.62	74.0	9.51	Peak	20.00	150	Vertical	Pass
2**	2484.790	52.10	-2.62	54.0	1.90	AV	20.00	150	Vertical	Pass

802.11ax20(RU26) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	73.34	-3.73	74.0	0.66	Peak	325.97	150	Vertical	Pass
1**	2390.000	52.99	-3.73	54.0	1.01	AV	325.97	150	Vertical	Pass
2	2389.600	70.64	-3.71	74.0	3.36	Peak	326.00	150	Vertical	Pass
2**	2389.600	51.34	-3.71	54.0	2.66	AV	326.00	150	Vertical	Pass

802.11 ax20(RU26) HIGH CHANNEL



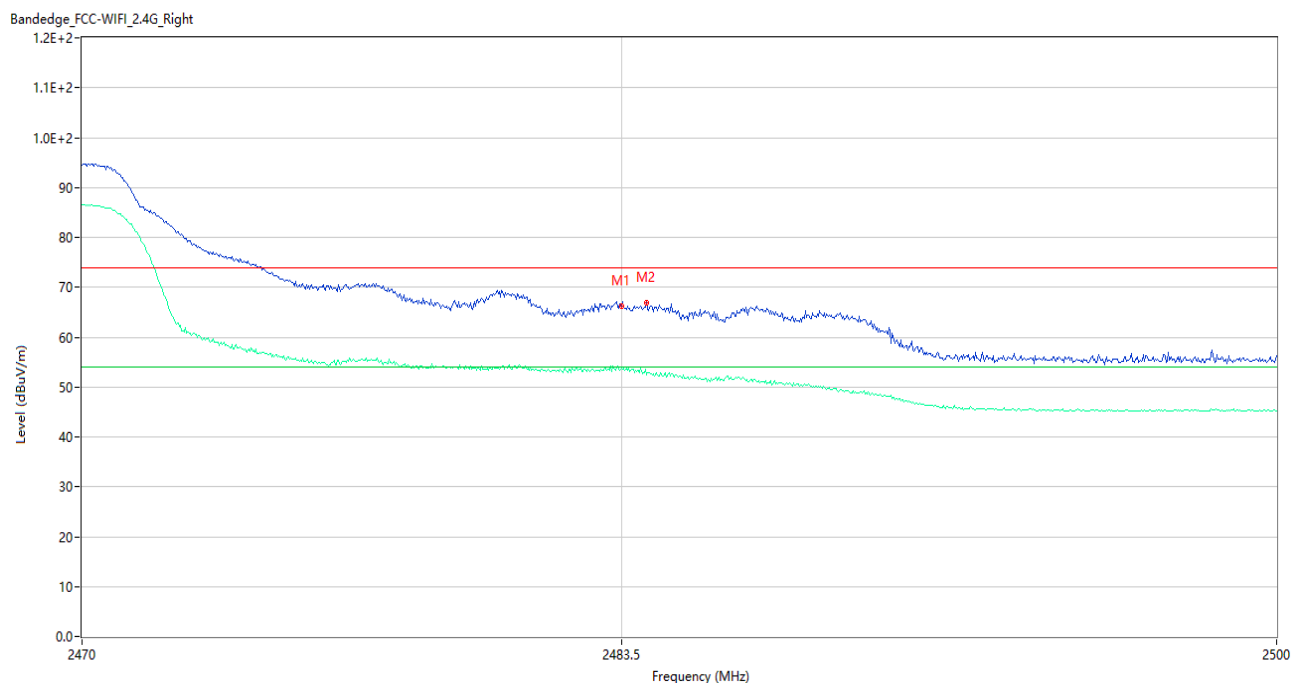
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.91	-2.60	74.0	7.09	Peak	66.00	150	Vertical	Pass
1**	2483.500	51.23	-2.60	54.0	2.77	AV	66.00	150	Vertical	Pass
2	2483.920	71.43	-2.61	74.0	2.57	Peak	337.00	150	Vertical	Pass
2**	2483.920	51.84	-2.61	54.0	2.16	AV	337.00	150	Vertical	Pass

802.11ax40(RU484) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	65.15	-3.73	74.0	8.85	Peak	335.99	100	Vertical	Pass
1**	2390.000	53.04	-3.73	54.0	0.96	AV	335.99	100	Vertical	Pass
2	2388.800	62.83	-3.67	74.0	11.17	Peak	330.00	100	Vertical	Pass
2**	2388.800	52.12	-3.67	54.0	1.88	AV	330.00	100	Vertical	Pass

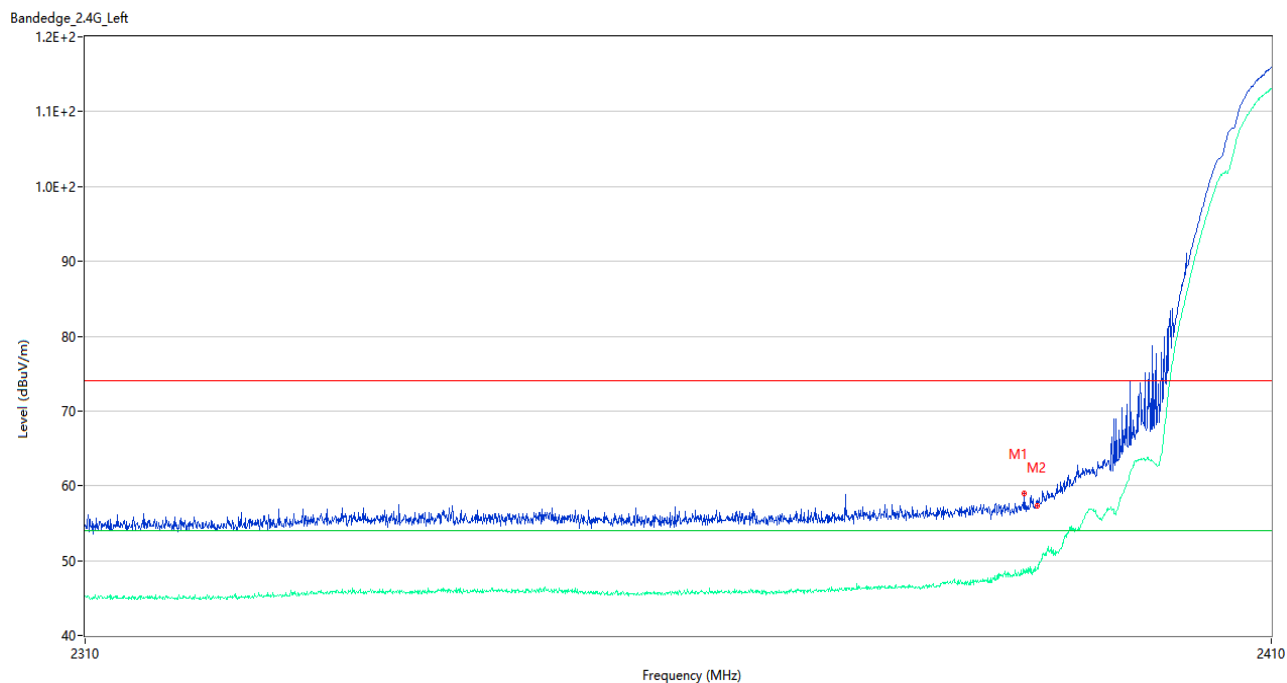
802.11 ax40(RU484) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.15	-2.60	74.0	7.85	Peak	339.00	150	Vertical	Pass
1**	2483.500	53.88	-2.60	54.0	0.12	AV	339.00	100	Vertical	Pass
2	2484.130	66.89	-2.61	74.0	7.11	Peak	332.00	100	Vertical	Pass
2**	2484.130	52.39	-2.61	54.0	1.61	AV	332.00	100	Vertical	Pass

Aux Antenna

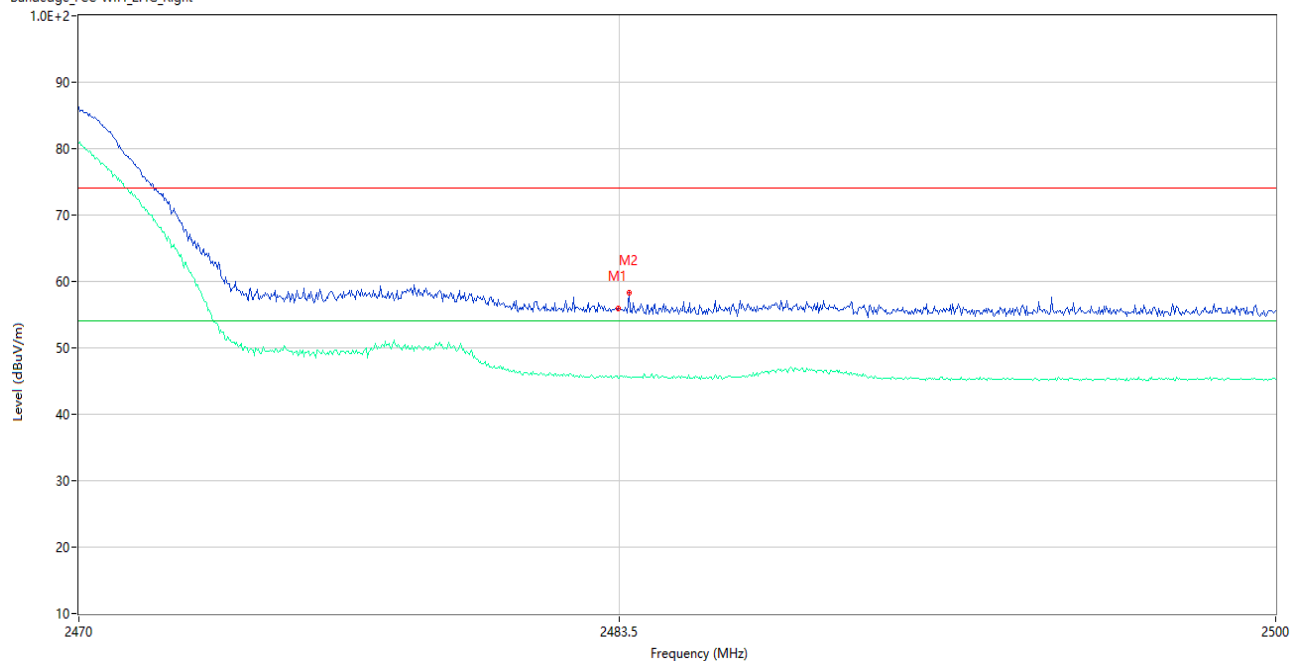
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.66	-3.73	74.0	19.34	Peak	0.11	150	Vertical	Pass
1**	2390.000	44.96	-3.73	54.0	9.04	AV	0.11	150	Vertical	Pass
2	2336.000	56.55	-3.01	74.0	17.45	Peak	261.00	150	Vertical	Pass
2**	2336.000	44.49	-3.01	54.0	9.51	AV	261.00	150	Vertical	Pass

802.11b HIGH CHANNEL

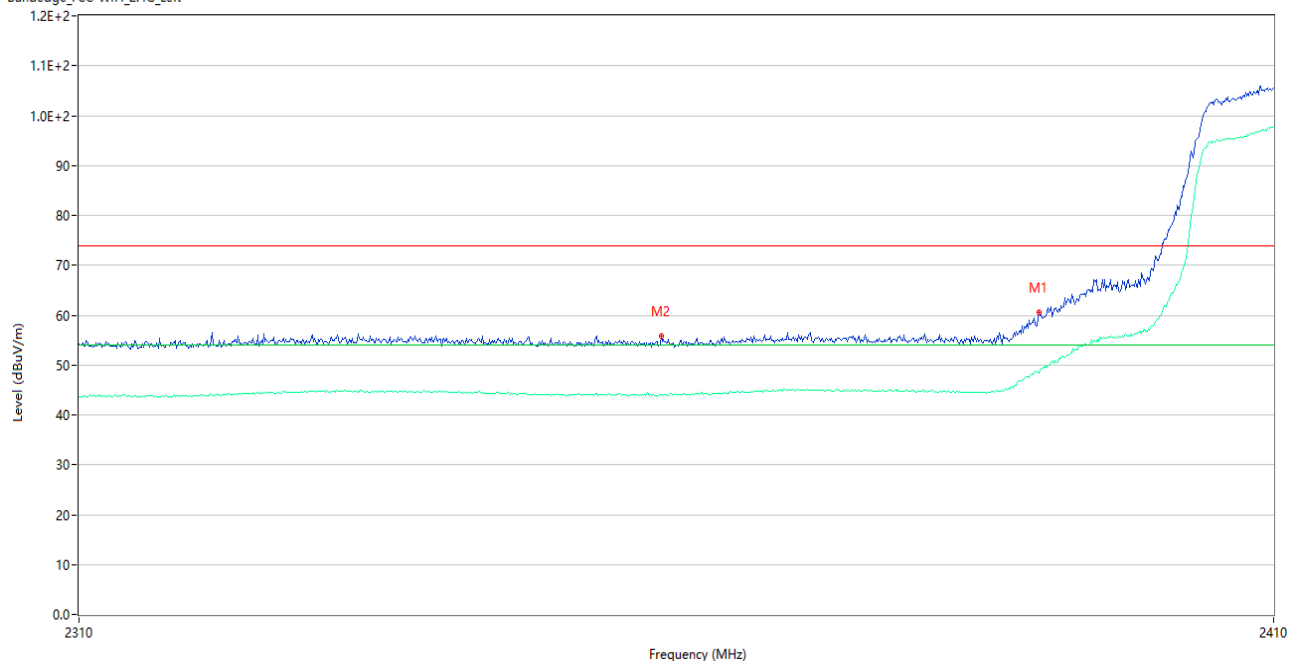
Bandedge_FCC-WIFI_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.99	-2.60	74.0	18.01	Peak	82.00	150	Vertical	Pass
1**	2483.500	45.50	-2.60	54.0	8.50	AV	82.00	150	Vertical	Pass
2	2483.740	58.26	-2.60	74.0	15.74	Peak	72.00	150	Vertical	Pass
2**	2483.740	45.62	-2.60	54.0	8.38	AV	72.00	150	Vertical	Pass

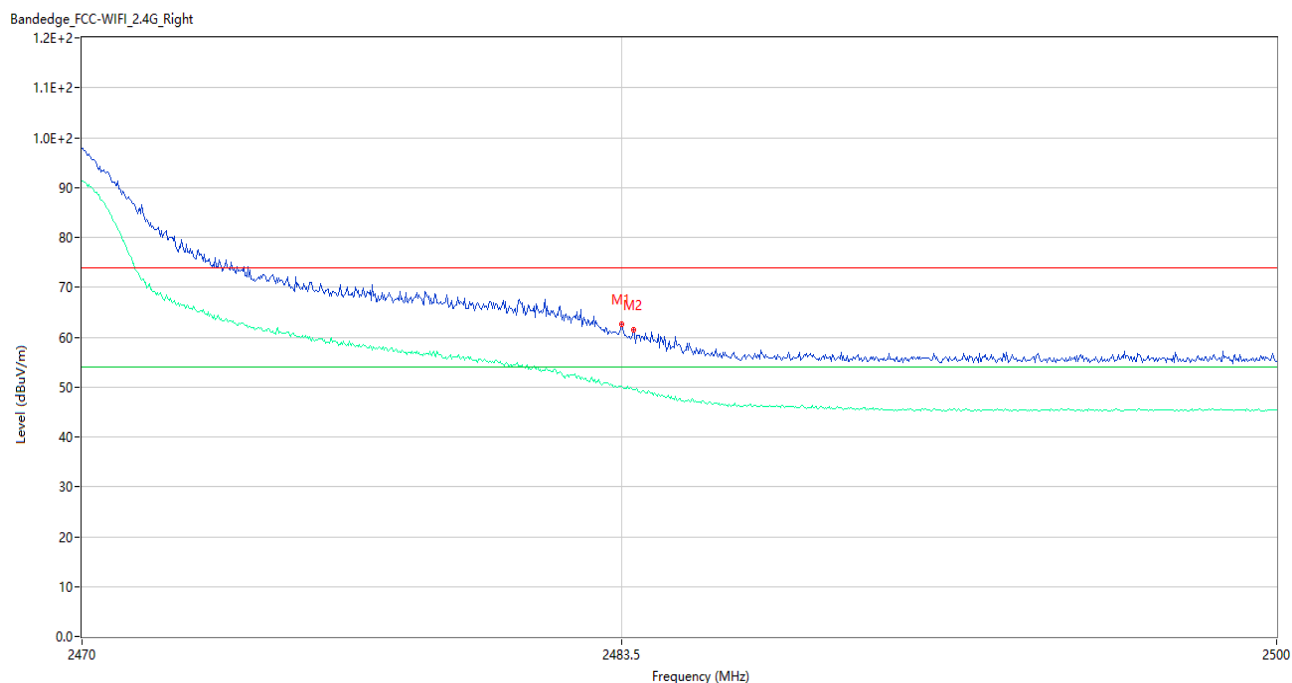
802.11g LOW CHANNEL

Bandedge_FCC-WIFI_2.4G_Left



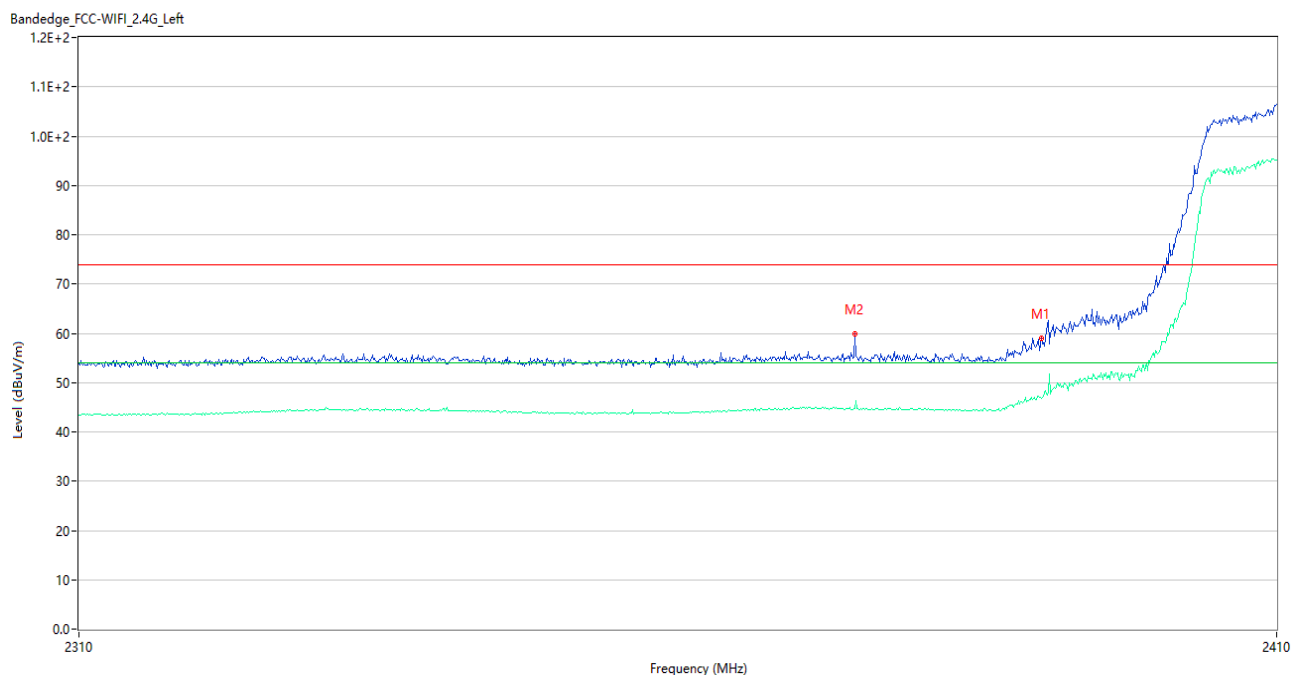
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.57	-3.73	74.0	13.43	Peak	195.12	150	Vertical	Pass
1**	2390.000	48.32	-3.73	54.0	5.68	AV	195.12	150	Vertical	Pass
2	2358.200	55.75	-3.85	74.0	18.25	Peak	0.00	150	Vertical	Pass
2**	2358.200	43.98	-3.85	54.0	10.02	AV	0.00	150	Vertical	Pass

802.11g HIGH CHANNEL



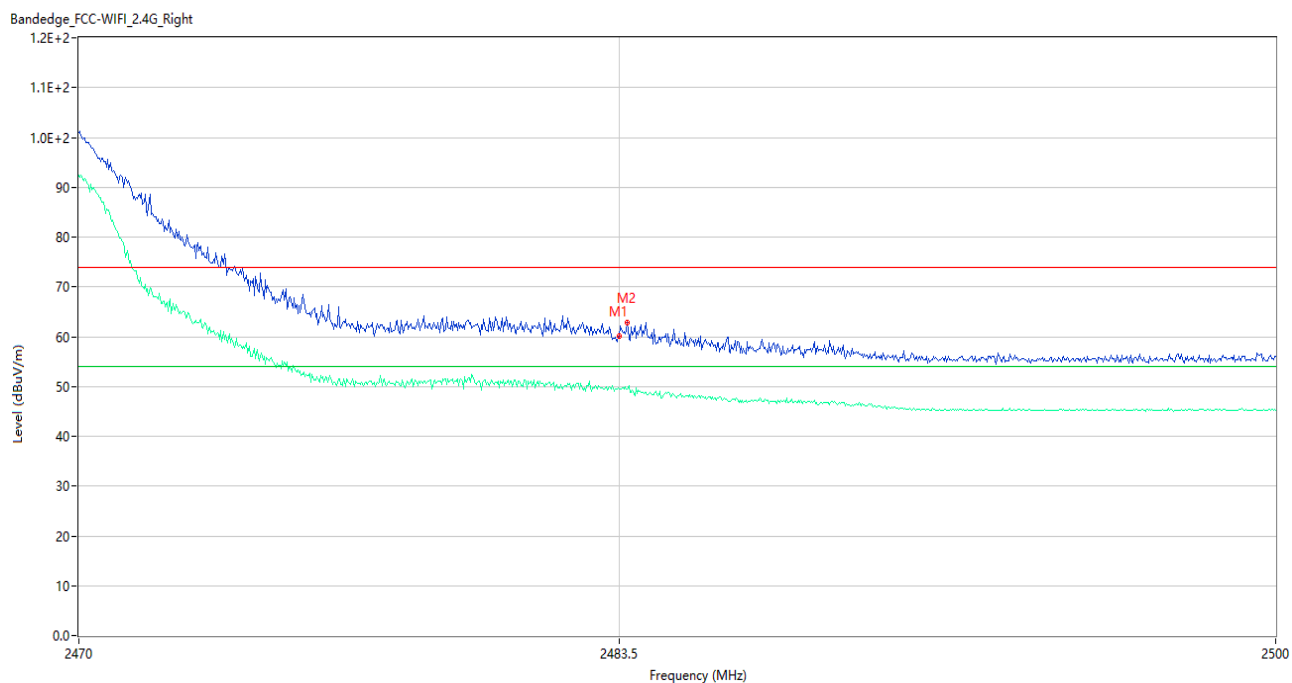
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.66	-2.60	74.0	11.34	Peak	224.00	150	Vertical	Pass
1**	2483.500	50.19	-2.60	54.0	3.81	AV	224.00	150	Vertical	Pass
2	2483.800	61.38	-2.61	74.0	12.62	Peak	213.00	150	Vertical	Pass
2**	2483.800	49.40	-2.61	54.0	4.60	AV	213.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.03	-3.73	74.0	14.97	Peak	204.91	150	Vertical	Pass
1**	2390.000	46.87	-3.73	54.0	7.13	AV	204.91	150	Vertical	Pass
2	2374.300	59.94	-2.93	74.0	14.06	Peak	132.00	150	Vertical	Pass
2**	2374.300	44.69	-2.93	54.0	9.31	AV	132.00	150	Vertical	Pass

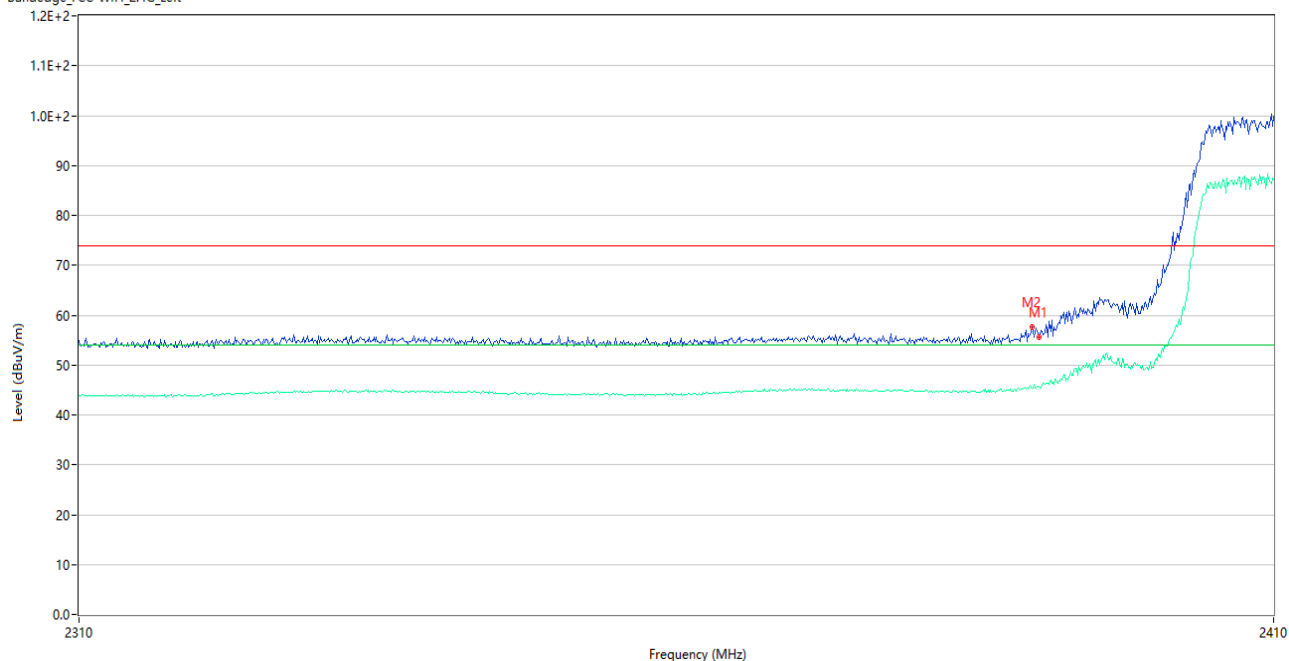
802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.08	-2.60	74.0	13.92	Peak	162.00	150	Vertical	Pass
1**	2483.500	49.42	-2.60	54.0	4.58	AV	162.00	150	Vertical	Pass
2	2483.710	62.74	-2.60	74.0	11.26	Peak	209.00	150	Vertical	Pass
2**	2483.710	49.43	-2.60	54.0	4.57	AV	209.00	150	Vertical	Pass

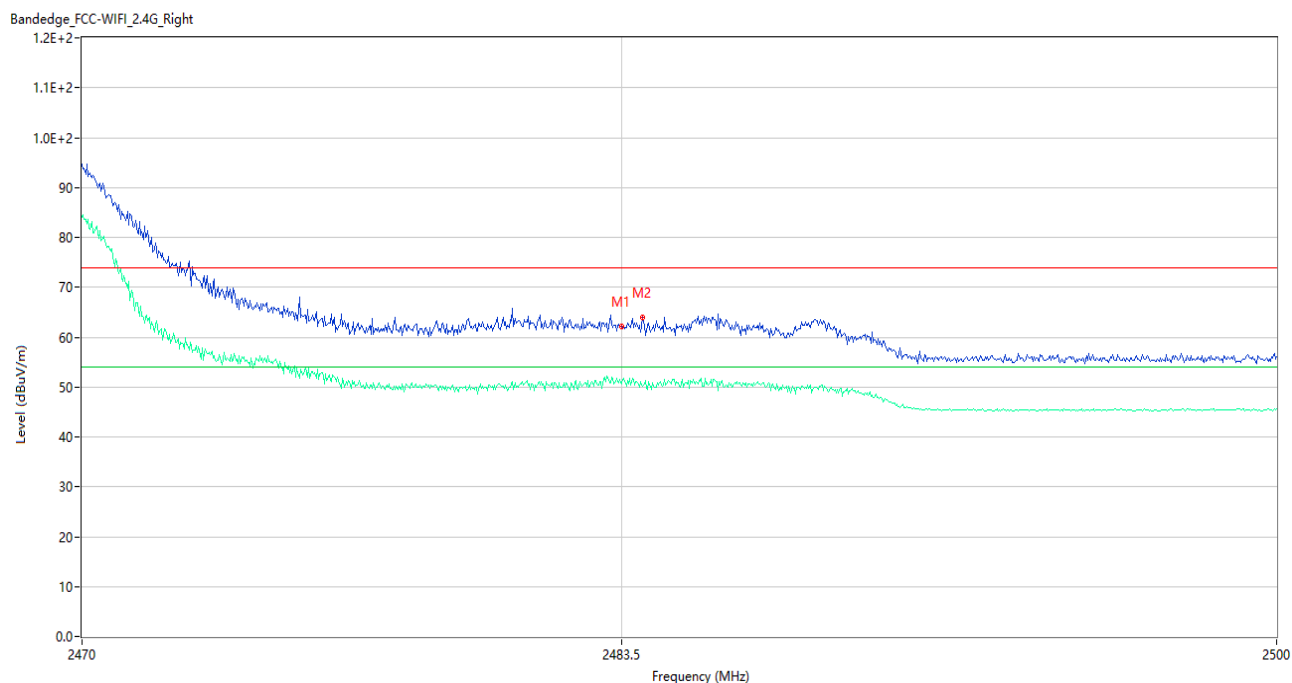
802.11n40 LOW CHANNEL

Bandedge_FCC-WIFI_2.4G_Left



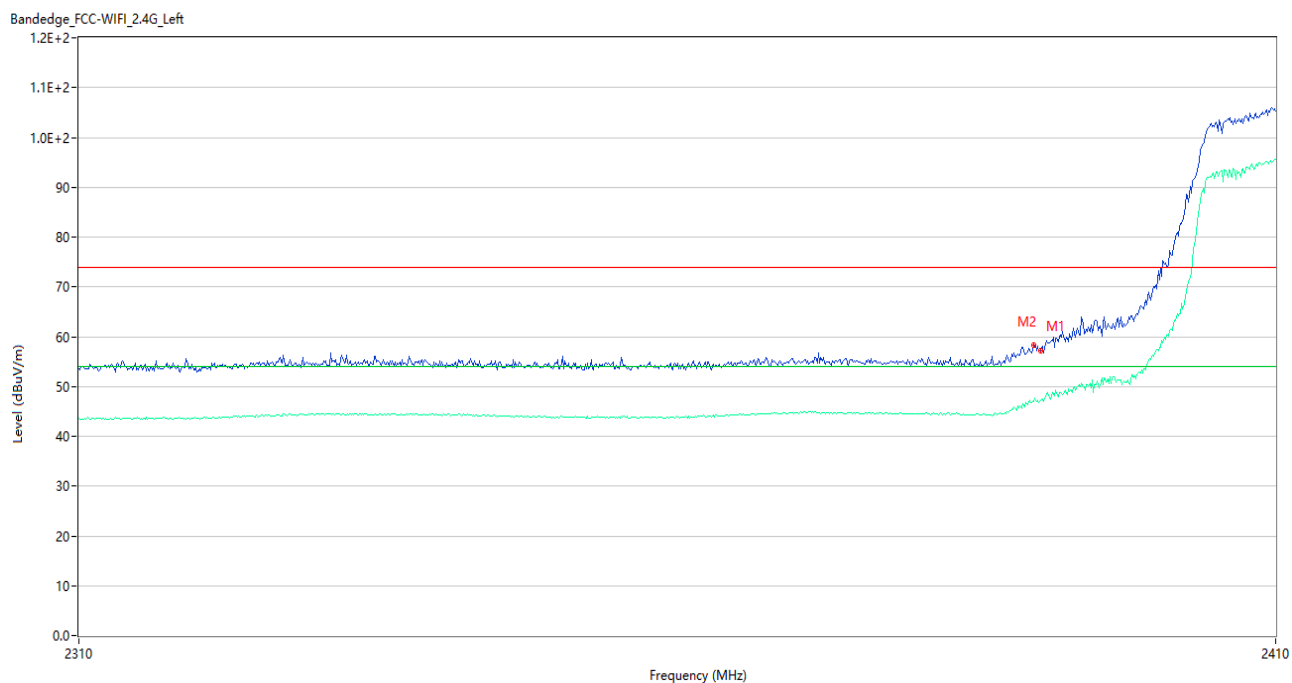
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	55.58	-3.73	74.0	18.42	Peak	297.99	150	Vertical	Pass
1**	2390.000	45.70	-3.73	54.0	8.30	AV	297.99	150	Vertical	Pass
2	2389.400	57.61	-3.70	74.0	16.39	Peak	216.00	150	Vertical	Pass
2**	2389.400	45.13	-3.70	54.0	8.87	AV	216.00	150	Vertical	Pass

802.11n40 HIGH CHANNEL



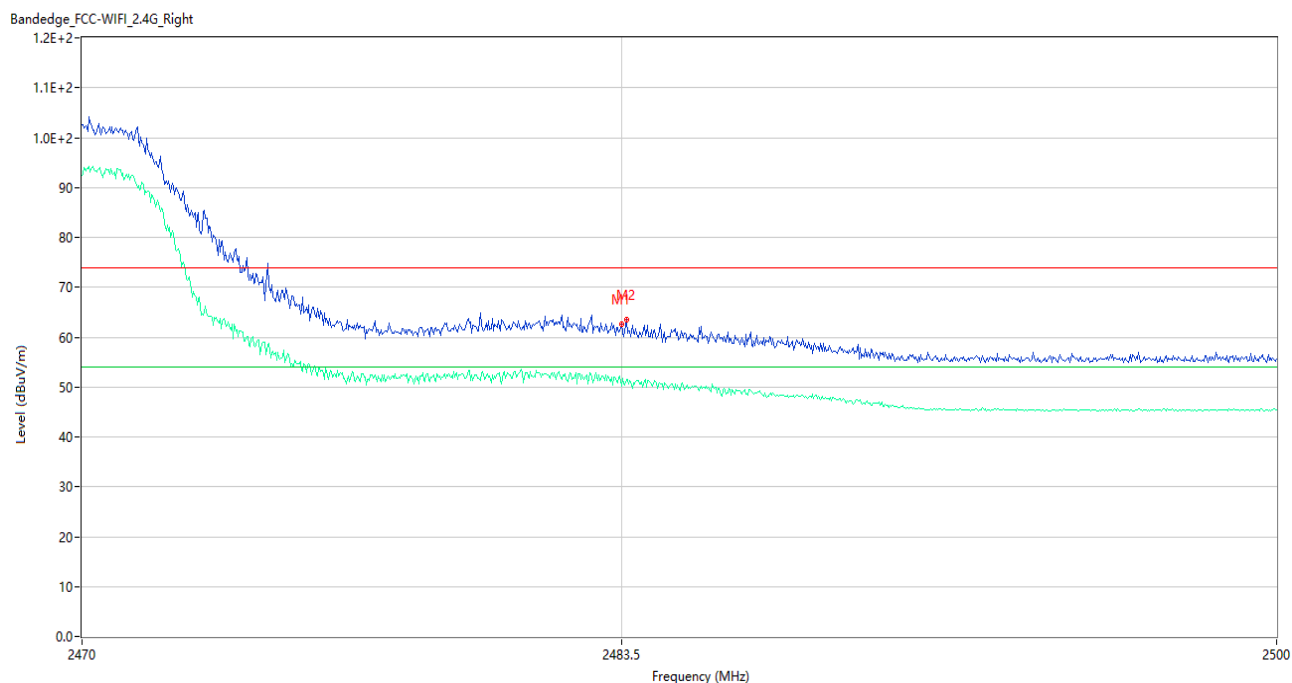
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.08	-2.60	74.0	11.92	Peak	204.00	150	Vertical	Pass
1**	2483.500	50.72	-2.60	54.0	3.28	AV	204.00	150	Vertical	Pass
2	2484.040	63.89	-2.61	74.0	10.11	Peak	217.00	150	Vertical	Pass
2**	2484.040	50.07	-2.61	54.0	3.93	AV	217.00	150	Vertical	Pass

802.11ax20(SU) LOW CHANNEL



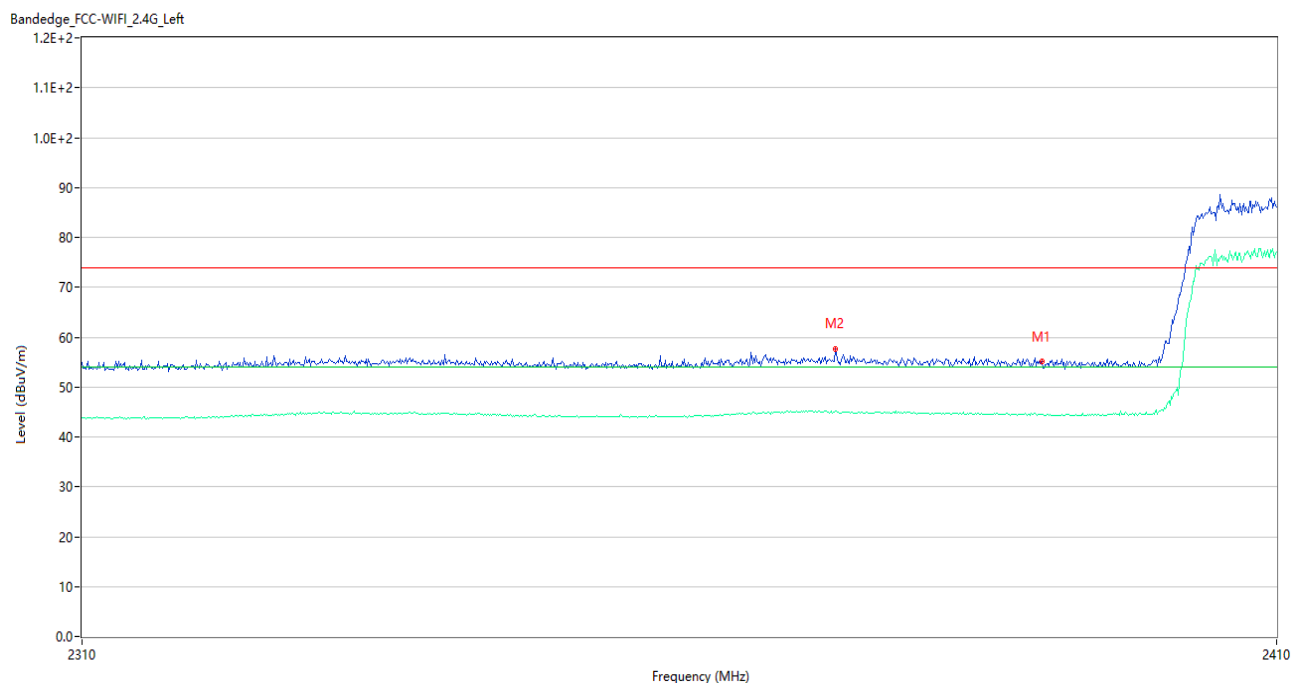
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.15	-3.73	74.0	16.85	Peak	150.98	150	Vertical	Pass
1**	2390.000	47.15	-3.73	54.0	6.85	AV	150.98	150	Vertical	Pass
2	2389.400	58.32	-3.70	74.0	15.68	Peak	202.00	150	Vertical	Pass
2**	2389.400	46.92	-3.70	54.0	7.08	AV	202.00	150	Vertical	Pass

802.11 ax20(SU) HIGH CHANNEL



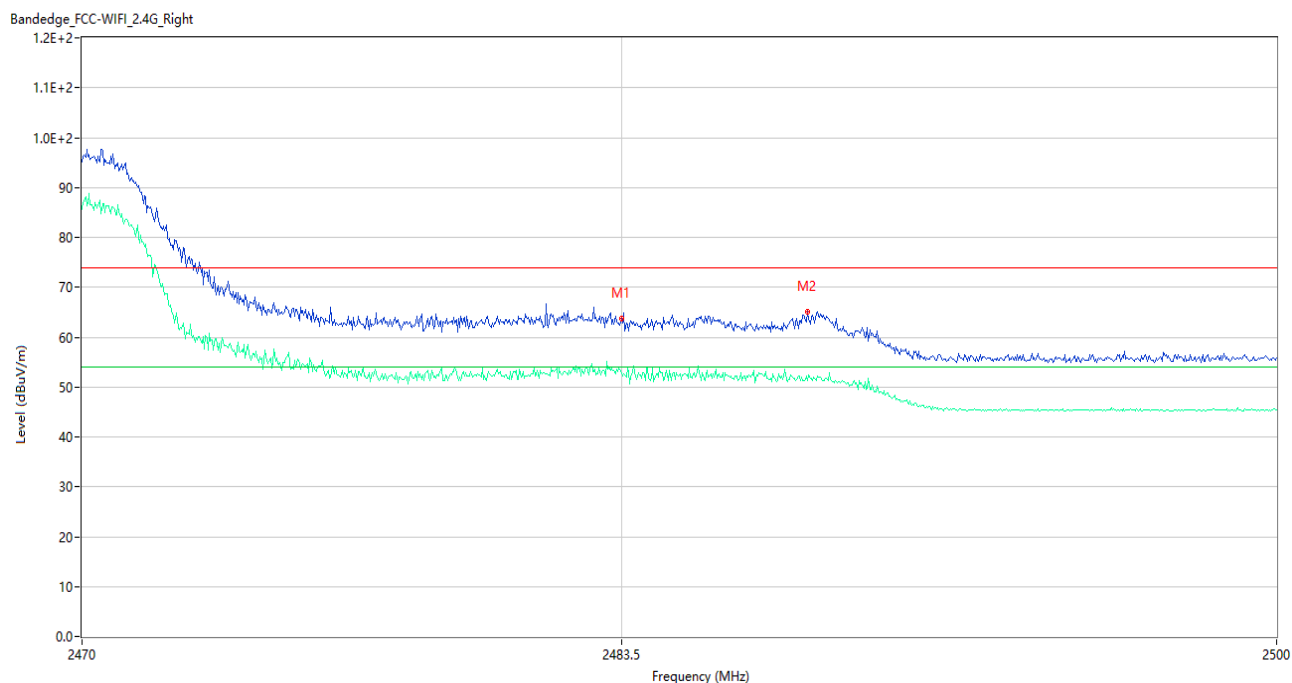
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.51	-2.60	74.0	11.49	Peak	214.00	150	Vertical	Pass
1**	2483.500	50.27	-2.60	54.0	3.73	AV	214.00	150	Vertical	Pass
2	2483.620	63.41	-2.60	74.0	10.59	Peak	217.00	150	Vertical	Pass
2**	2483.620	51.42	-2.60	54.0	2.58	AV	217.00	150	Vertical	Pass

802.11ax40(SU) LOW CHANNEL



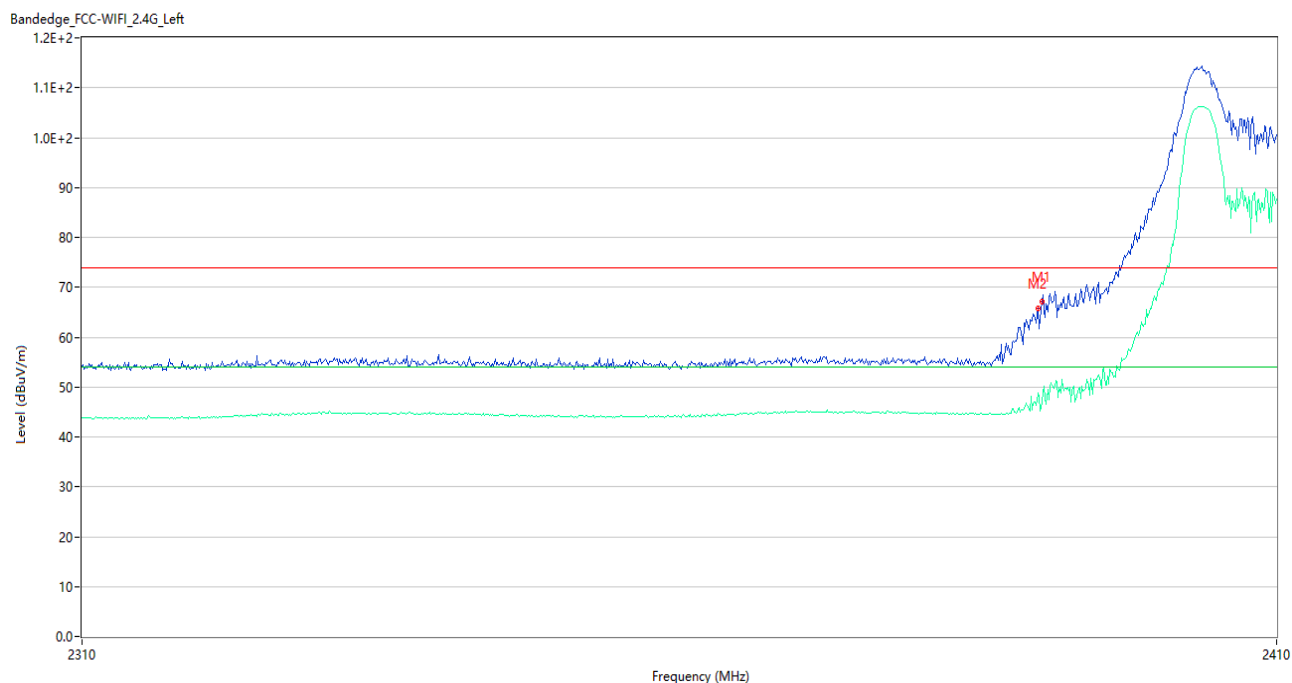
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	55.08	-3.73	74.0	18.92	Peak	289.02	150	Horizontal	Pass
1**	2390.000	44.54	-3.73	54.0	9.46	AV	289.02	150	Horizontal	Pass
2	2372.600	57.53	-2.90	74.0	16.47	Peak	2.00	150	Horizontal	Pass
2**	2372.600	45.12	-2.90	54.0	8.88	AV	2.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL



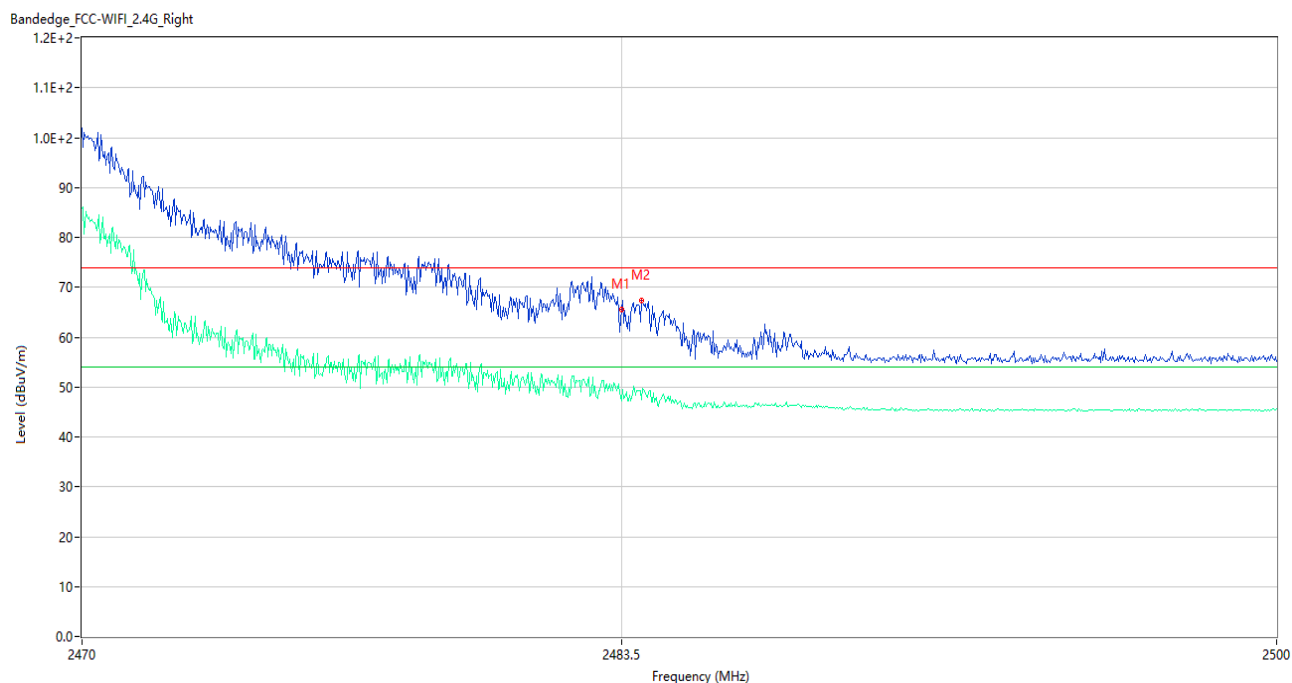
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.77	-2.60	74.0	10.23	Peak	203.00	150	Vertical	Pass
1**	2483.500	52.96	-2.60	54.0	1.04	AV	203.00	150	Vertical	Pass
2	2488.180	65.04	-2.66	74.0	8.96	Peak	221.00	150	Vertical	Pass
2**	2488.180	51.19	-2.66	54.0	2.81	AV	221.00	150	Vertical	Pass

802.11ax20(RU26) LOW CHANNEL



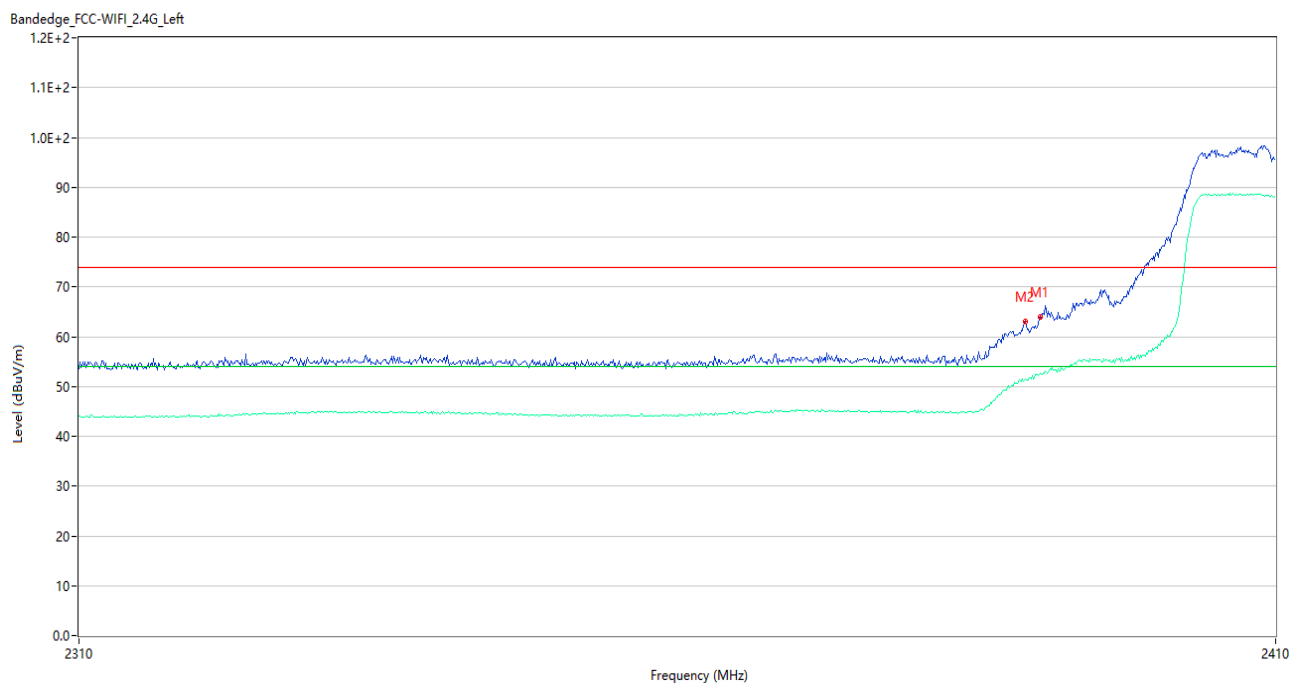
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.06	-3.73	74.0	6.94	Peak	223.92	150	Vertical	Pass
1**	2390.000	46.89	-3.73	54.0	7.11	AV	223.92	150	Vertical	Pass
2	2389.700	65.83	-3.71	74.0	8.17	Peak	221.00	150	Vertical	Pass
2**	2389.700	48.72	-3.71	54.0	5.28	AV	221.00	150	Vertical	Pass

802.11 ax20(RU26) HIGH CHANNEL



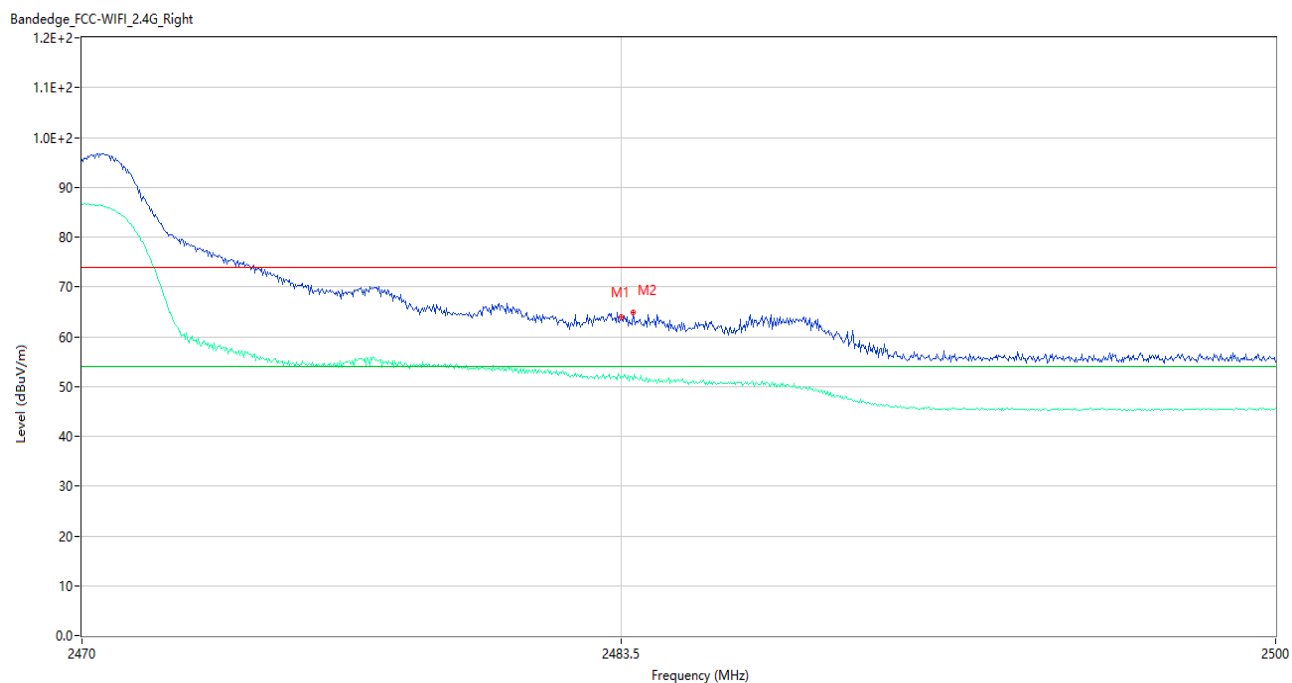
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.57	-2.60	74.0	8.43	Peak	221.00	150	Vertical	Pass
1**	2483.500	47.15	-2.60	54.0	6.85	AV	221.00	150	Vertical	Pass
2	2484.010	67.35	-2.61	74.0	6.65	Peak	160.00	150	Vertical	Pass
2**	2484.010	47.38	-2.61	54.0	6.62	AV	160.00	150	Vertical	Pass

802.11ax40(RU484) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	63.97	-3.73	74.0	10.03	Peak	216.01	150	Vertical	Pass
1**	2390.000	52.56	-3.73	54.0	1.44	AV	216.01	150	Vertical	Pass
2	2388.700	63.07	-3.66	74.0	10.93	Peak	216.00	150	Vertical	Pass
2**	2388.700	51.60	-3.66	54.0	2.40	AV	216.00	150	Vertical	Pass

802.11 ax40(RU484) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.85	-2.60	74.0	10.15	Peak	216.00	150	Vertical	Pass
1**	2483.500	51.51	-2.60	54.0	2.49	AV	216.00	150	Vertical	Pass
2	2483.800	64.90	-2.61	74.0	9.10	Peak	216.00	150	Vertical	Pass
2**	2483.800	51.20	-2.61	54.0	2.80	AV	216.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.25	8
Middle	-6.07	8
High	-6.19	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.08	8
Middle	-7.65	8
High	-10.61	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.76	8
Middle	-7.17	8
High	-5.26	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.64	8
Middle	-10.20	8
High	-12.14	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.66	8
Middle	-7.85	8
High	-7.82	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.46	8
Middle	-10.08	8
High	-12.32	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.72	8
Middle	-2.96	8
High	-3.13	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.39	8
Middle	-4.95	8
High	-6.16	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.30	8
Middle	-9.96	8
High	-9.86	8

802.11ax-20 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.80	8
Middle	-12.85	8
High	-13.44	8

802.11ax-40 MHz(RU484) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.85	8
Middle	-15.46	8
High	-14.85	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.12	8
Middle	-5.64	8
High	-5.43	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.31	8
Middle	-7.13	8
High	-6.71	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.05	8
Middle	-7.19	8
High	-7.87	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.14	8
Middle	-8.30	8
High	-10.18	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.21	8
Middle	-8.02	8
High	-7.94	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.74	8
Middle	-11.14	8
High	-10.57	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	0.989	8
Middle	0.35	8
High	-0.67	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-2.76	8
Middle	-1.84	8
High	-3.18	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.47	8
Middle	-6.08	8
High	-6.37	8

802.11ax-20 MHz(RU242 Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.82	8
Middle	-7.36	8
High	-9.82	8

802.11ax-40 MHz(RU484) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.35	8
Middle	-13.17	8
High	-10.75	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



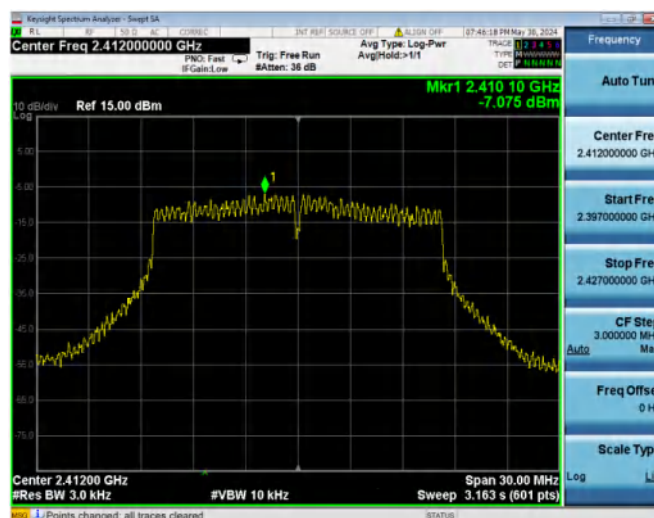
802.11b MIDDLE CHANNEL



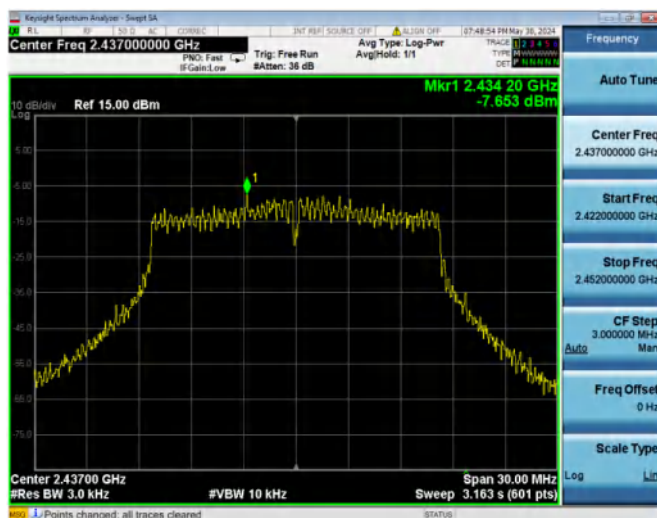
802.11b HIGH CHANNEL



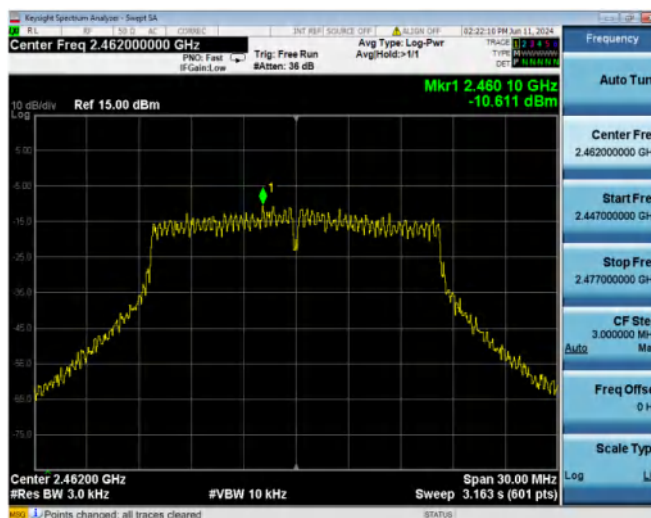
802.11g LOW CHANNEL



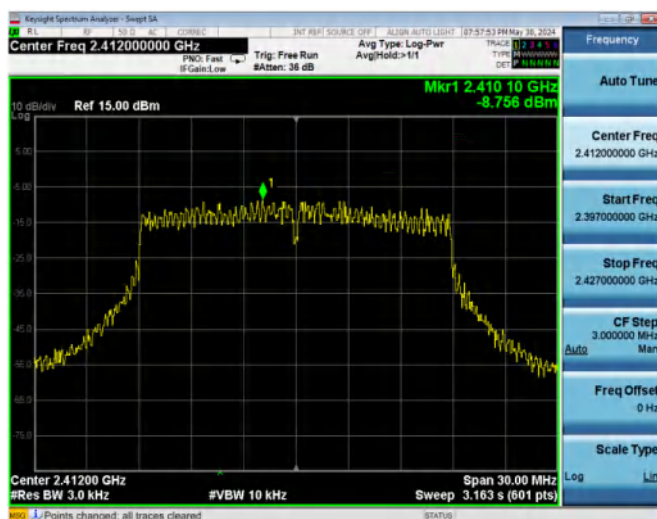
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



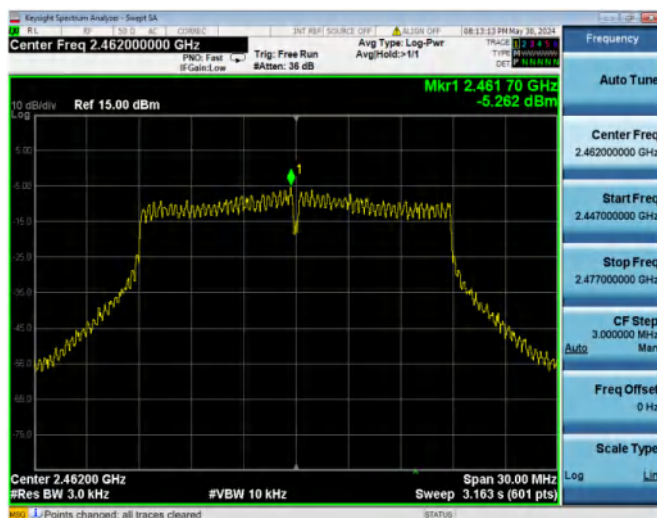
802.11n-20 MHz LOW CHANNEL



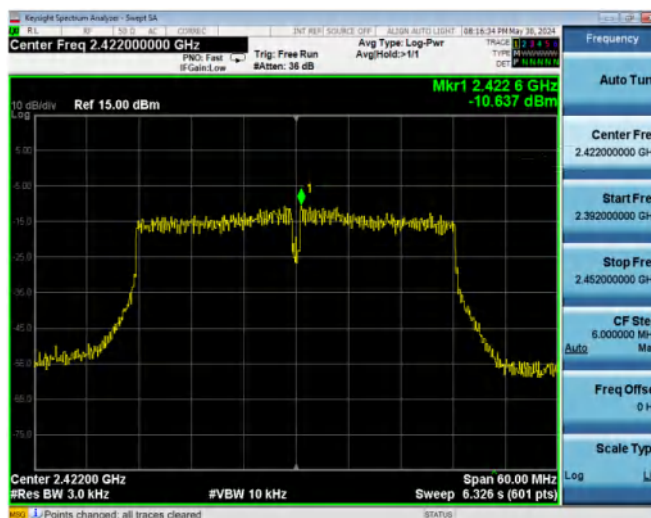
802.11n-20 MHz MIDDLE CHANNEL



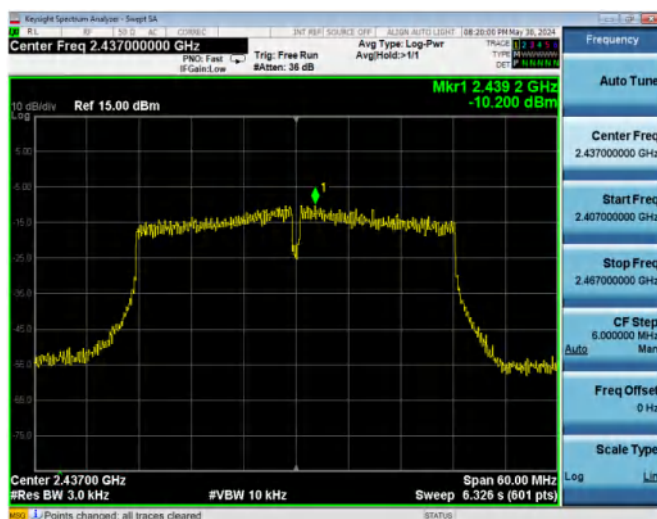
802.11n-20 MHz HIGH CHANNEL



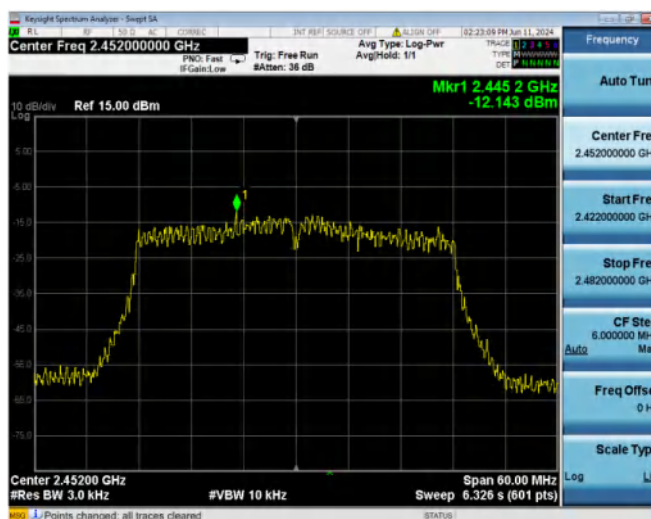
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



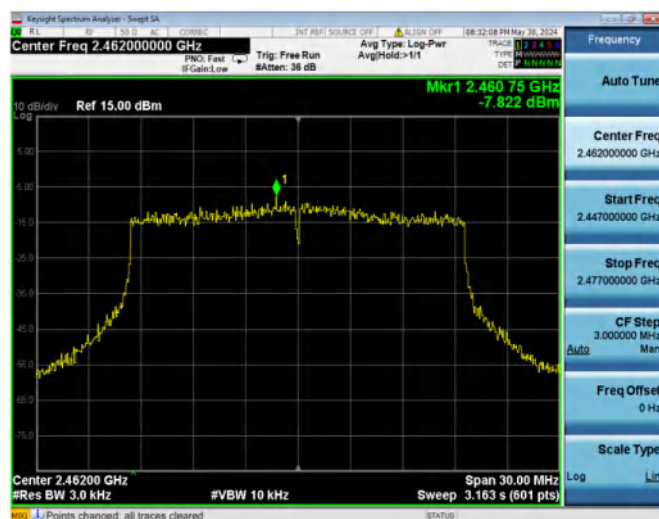
802.11ax-20 MHz(SU) LOW CHANNEL



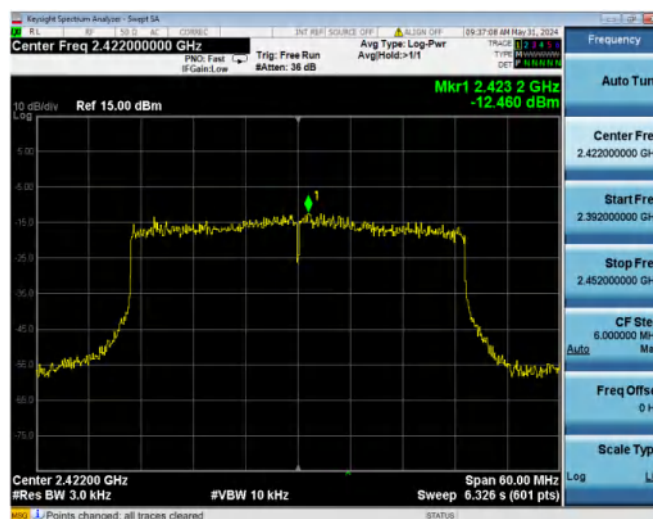
802.11ax-20 MHz(SU) MIDDLE CHANNEL



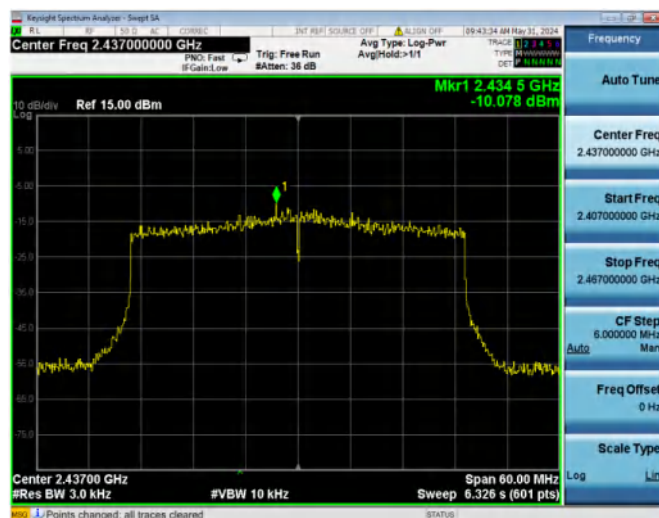
802.11ax-20 MHz(SU) HIGH CHANNEL



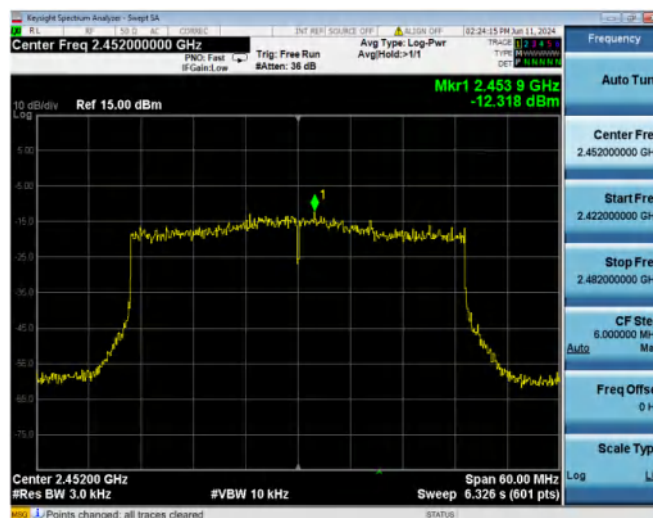
802.11ax-40 MHz(SU) LOW CHANNEL



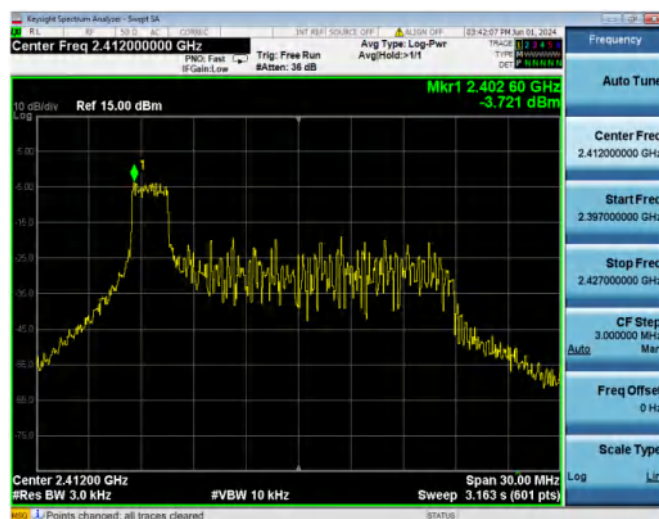
802.11ax-40 MHz(SU) MIDDLE CHANNEL



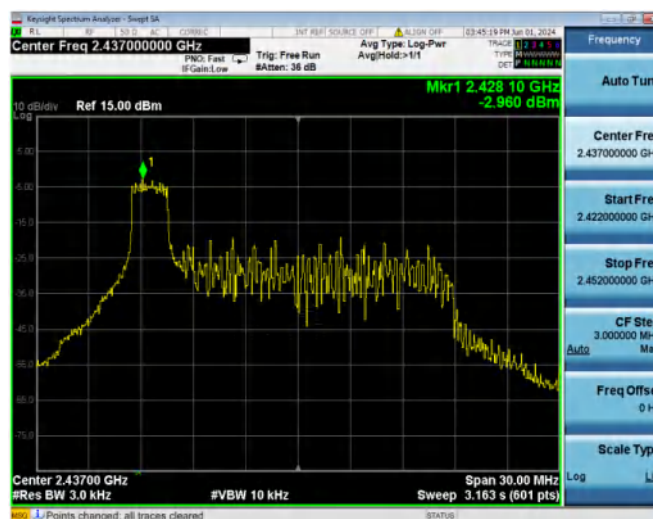
802.11ax-40 MHz(SU) HIGH CHANNEL



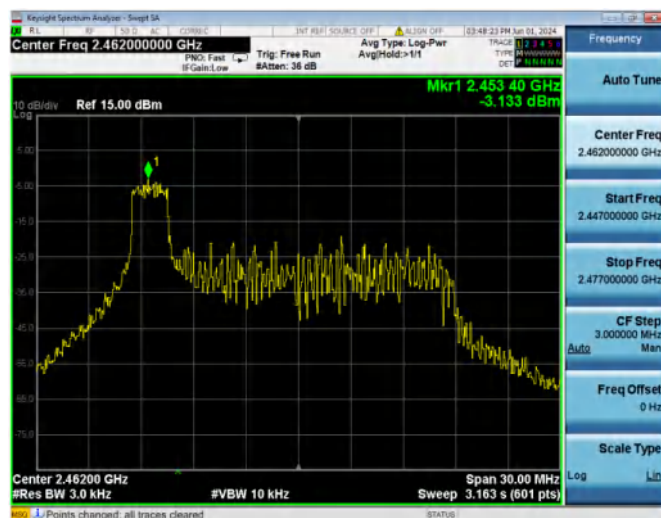
802.11ax-20 MHz(RU26) LOW CHANNEL



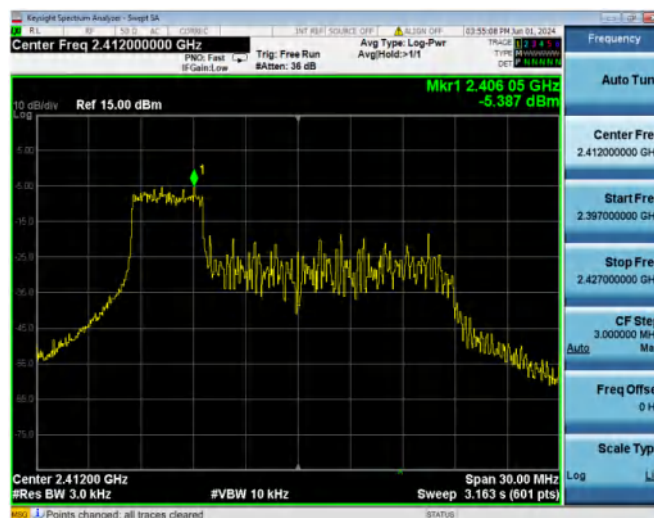
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



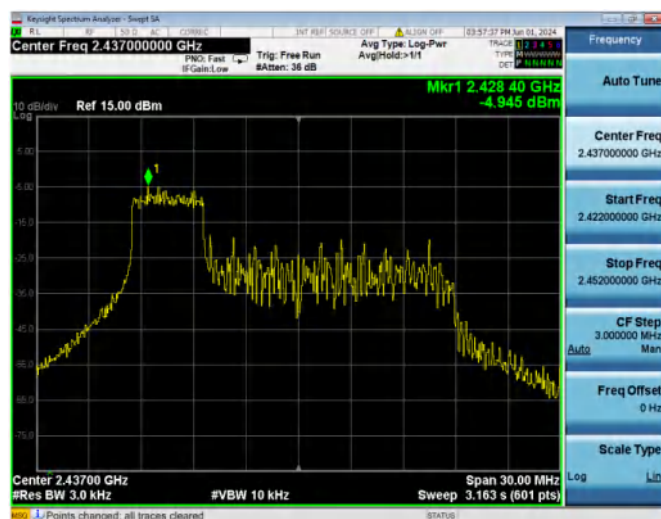
802.11ax-20 MHz(RU26) HIGH CHANNEL



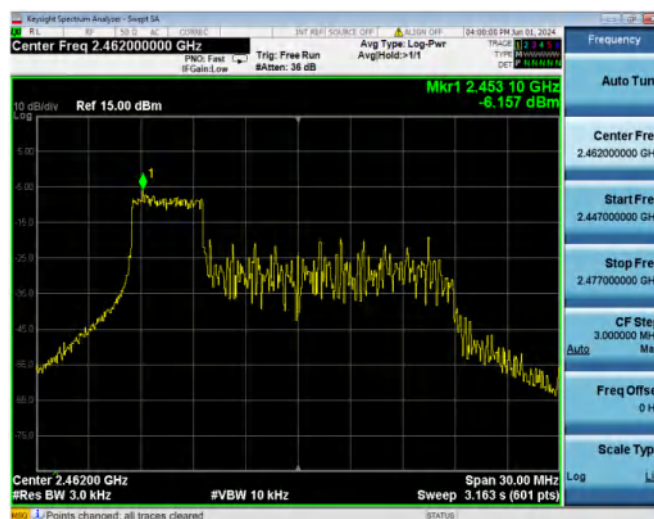
802.11ax-20 MHz(RU52) LOW CHANNEL



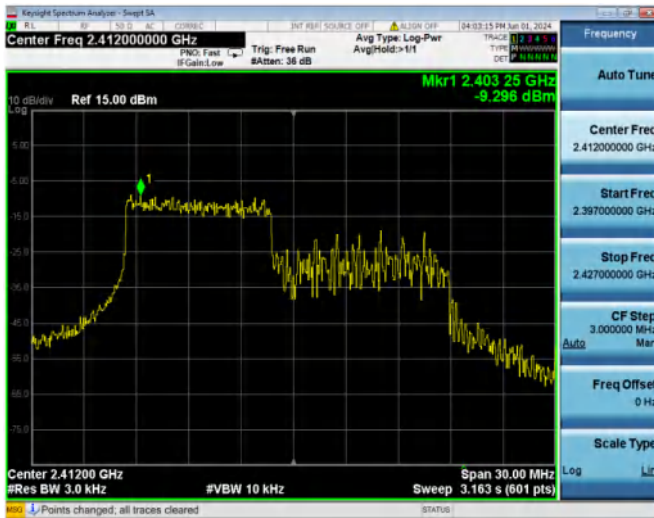
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



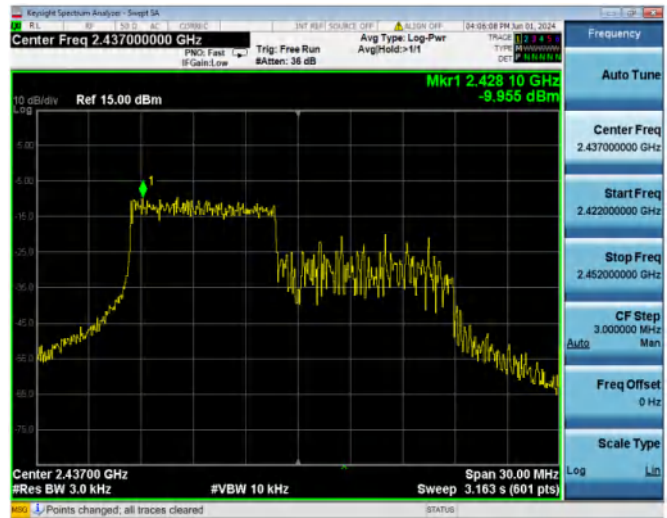
802.11ax-20 MHz(RU52) HIGH CHANNEL



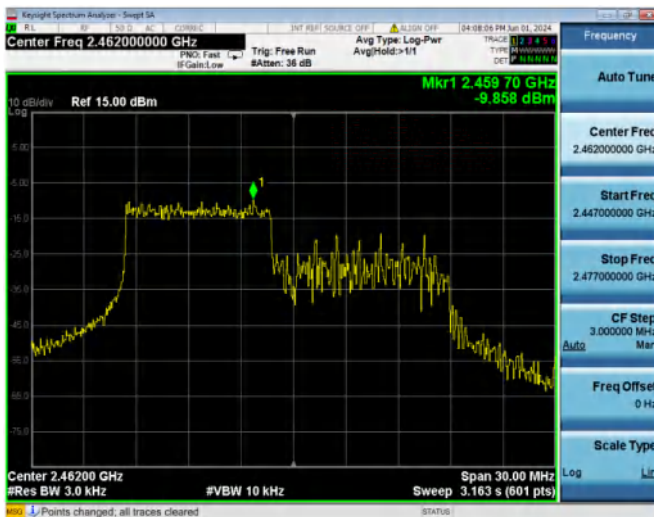
802.11ax-20 MHz(RU106) LOW CHANNEL



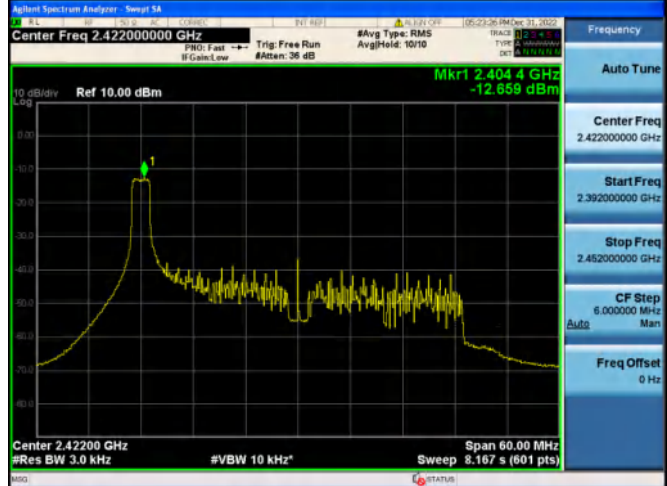
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



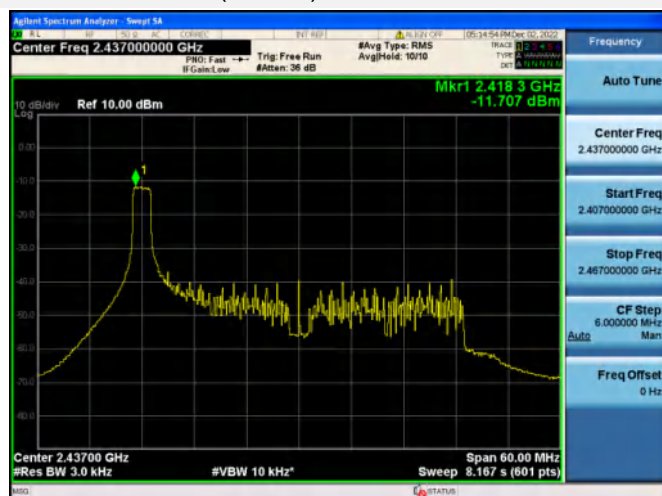
802.11ax-20 MHz(RU106) HIGH CHANNEL



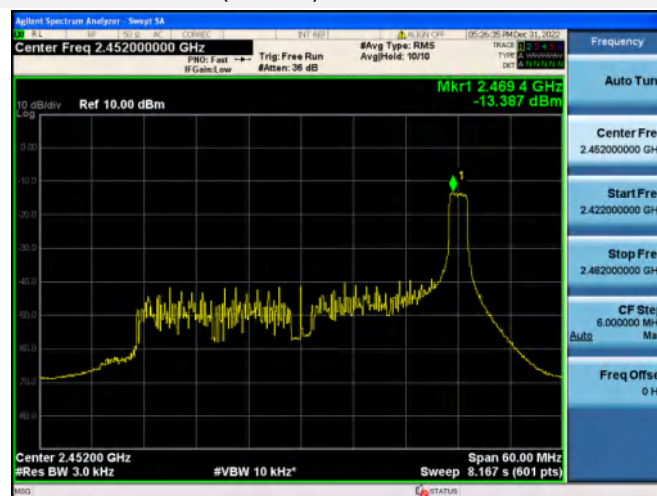
802.11ax-20 MHz(RU242) LOW CHANNEL



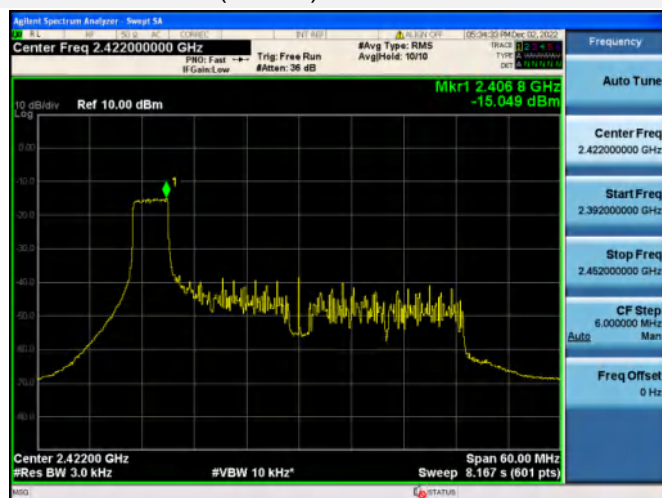
802.11ax-20 MHz(RU242) MIDDLE CHANNEL



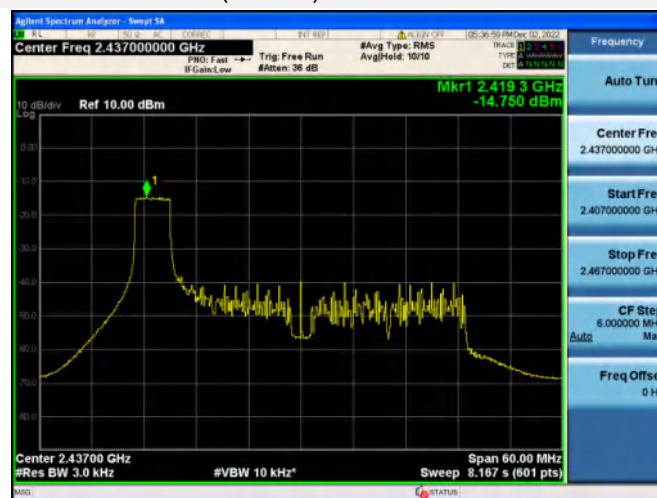
802.11ax-20 MHz(RU242) HIGH CHANNEL



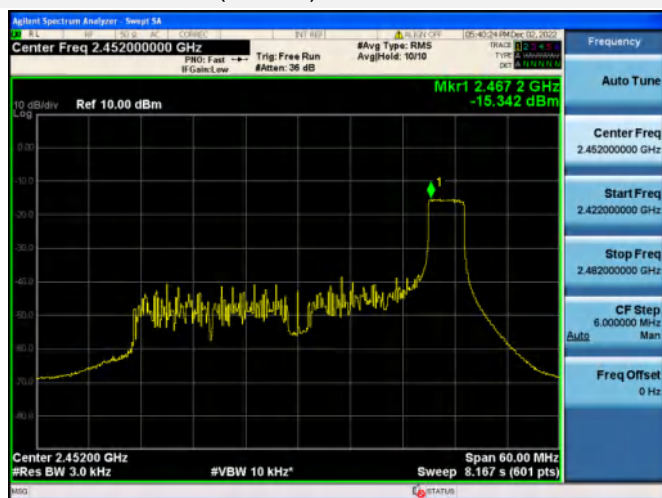
802.11ax-40 MHz(RU484) LOW CHANNEL



802.11ax-40 MHz(RU484) MIDDLE CHANNEL



802.11ax-40 MHz(RU484) HIGH CHANNEL



Aux. Antenna

802.11b LOW CHANNEL



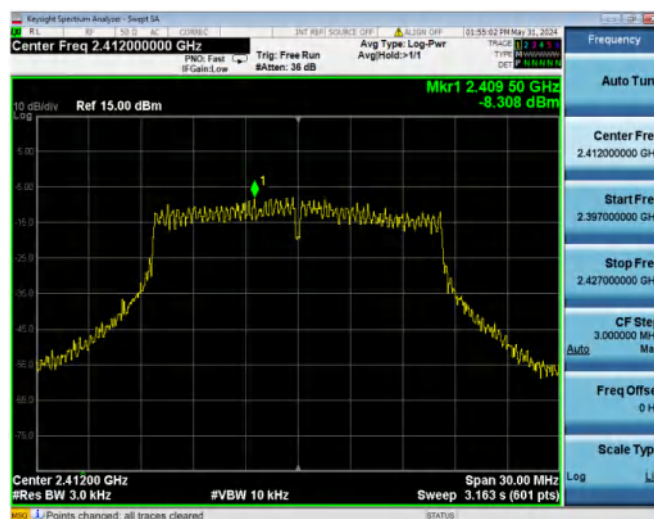
802.11b MIDDLE CHANNEL



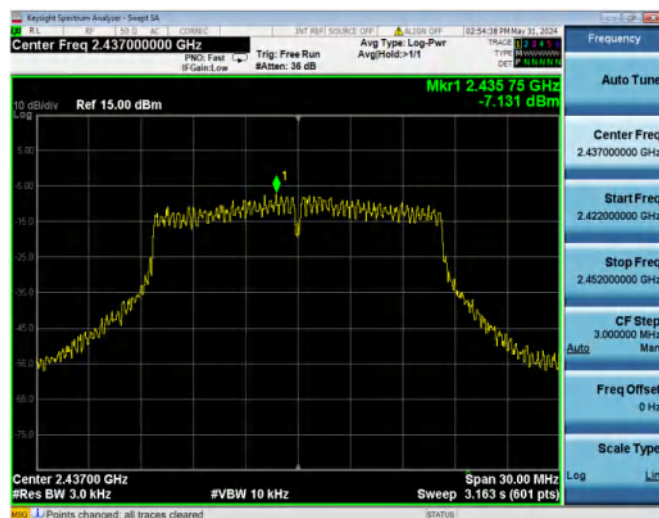
802.11b HIGH CHANNEL



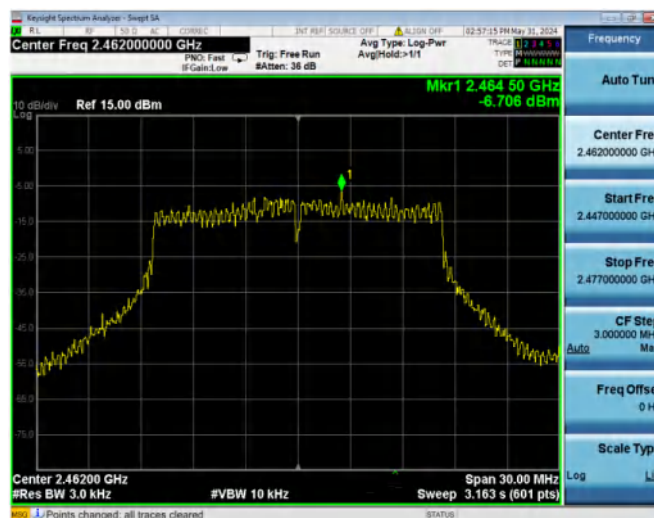
802.11g LOW CHANNEL



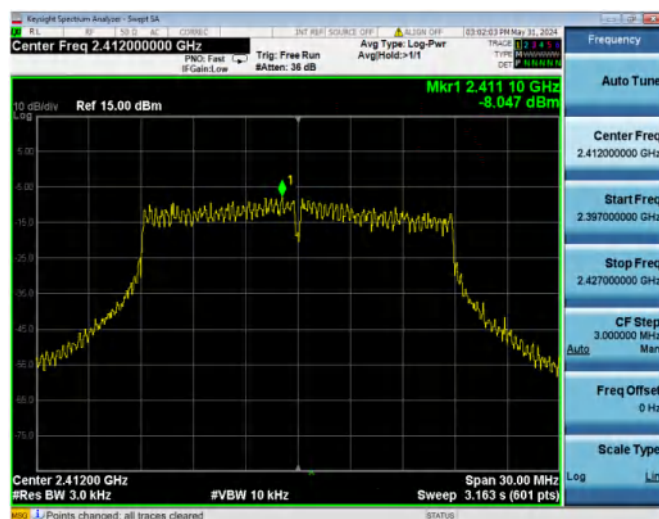
802.11g MIDDLE CHANNEL



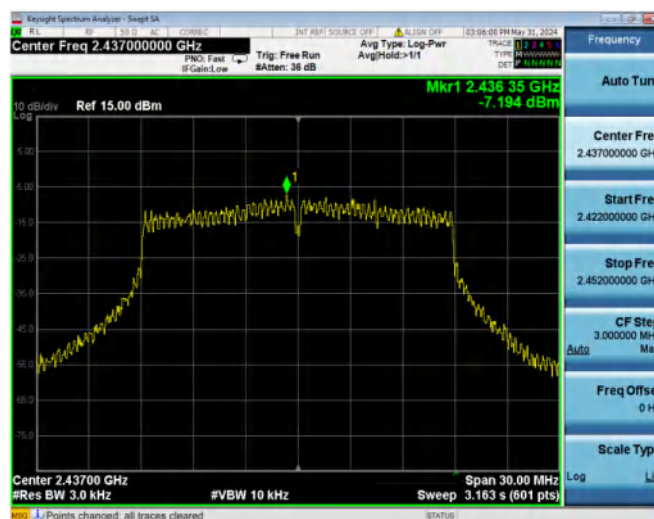
802.11g HIGH CHANNEL



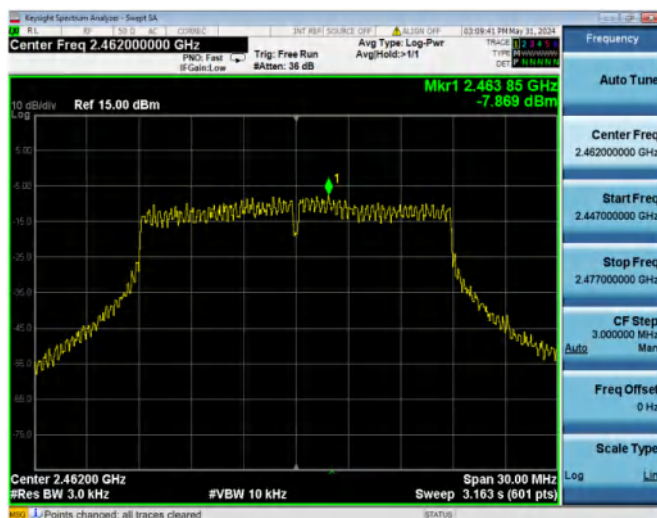
802.11n-20 MHz LOW CHANNEL



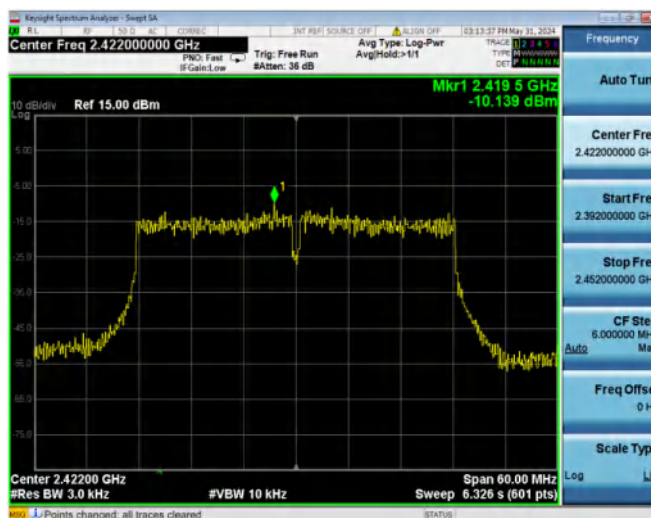
802.11n-20 MHz MIDDLE CHANNEL



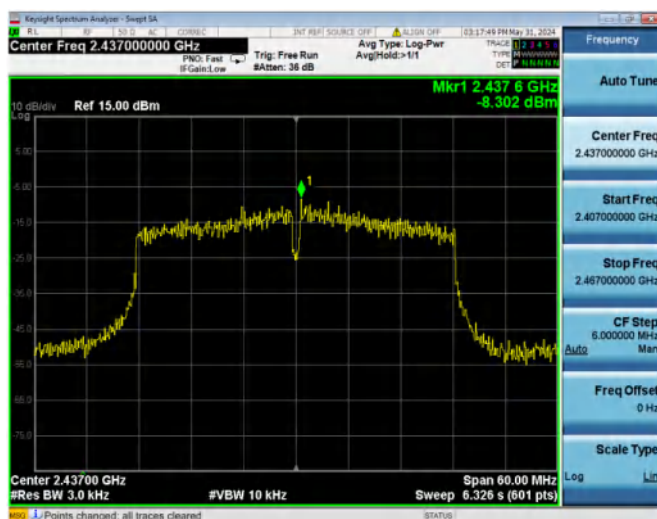
802.11n-20 MHz HIGH CHANNEL



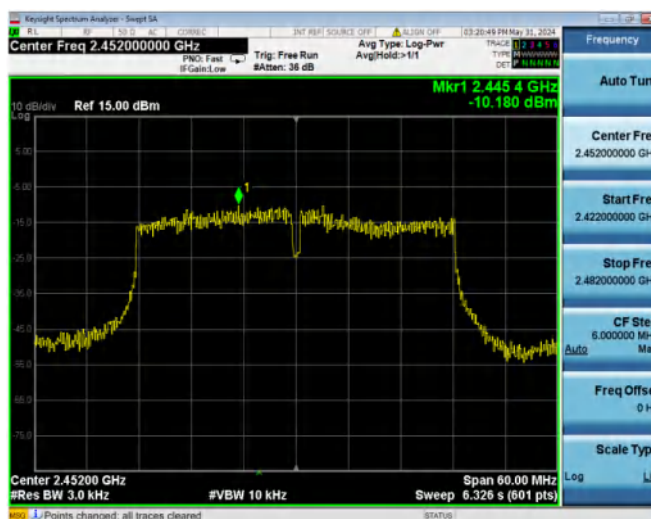
802.11n-40 MHz LOW CHANNEL



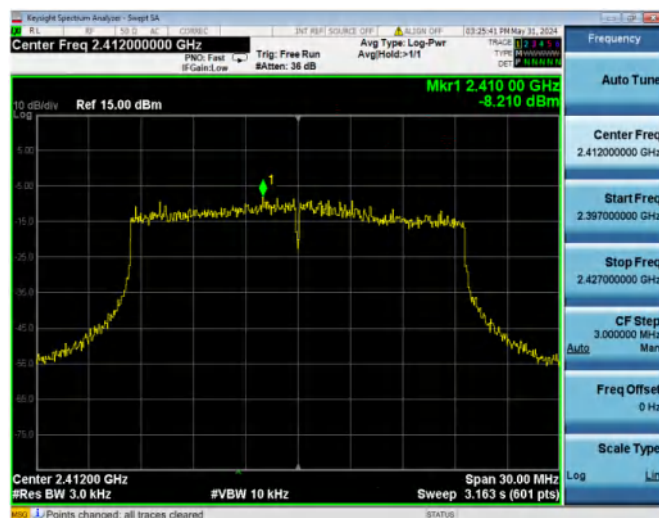
802.11n-40 MHz MIDDLE CHANNEL



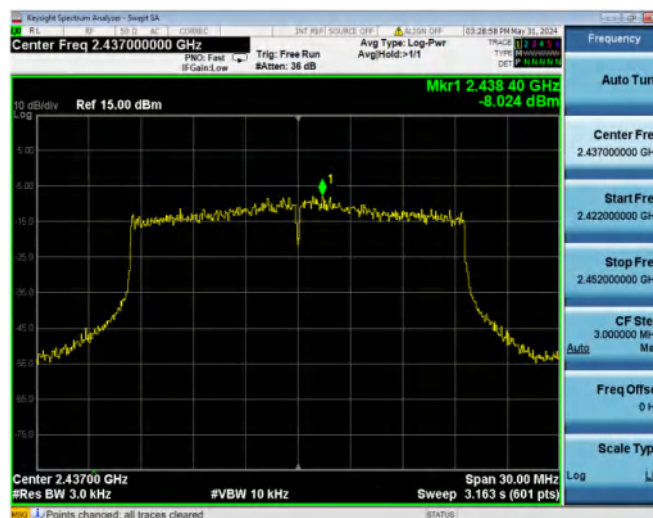
802.11n-40 MHz HIGH CHANNEL



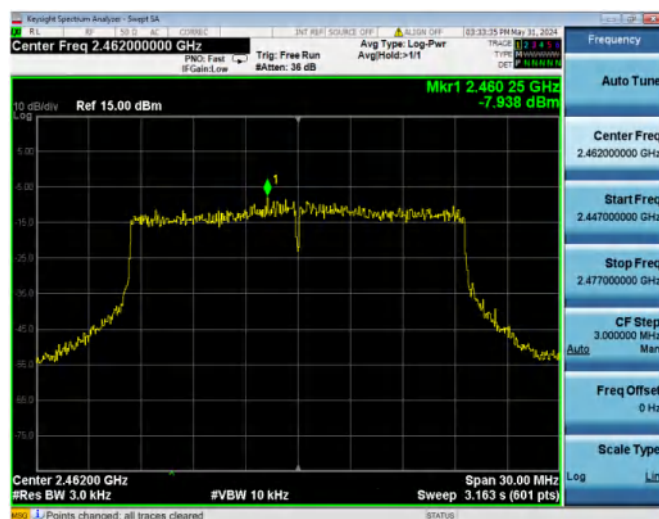
802.11ax-20 MHz(SU) LOW CHANNEL



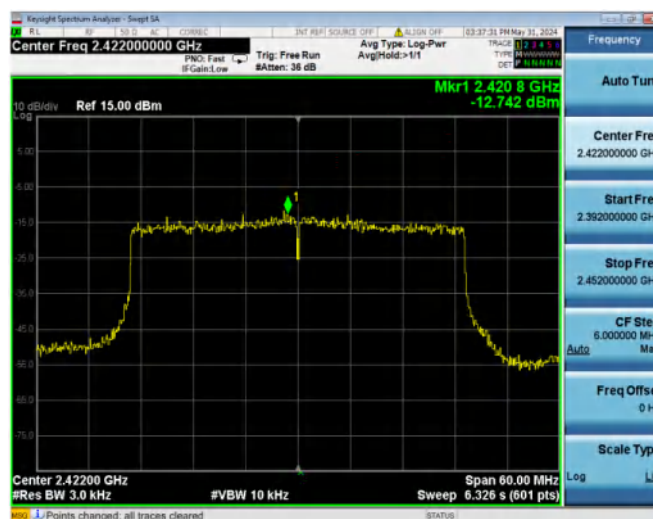
802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



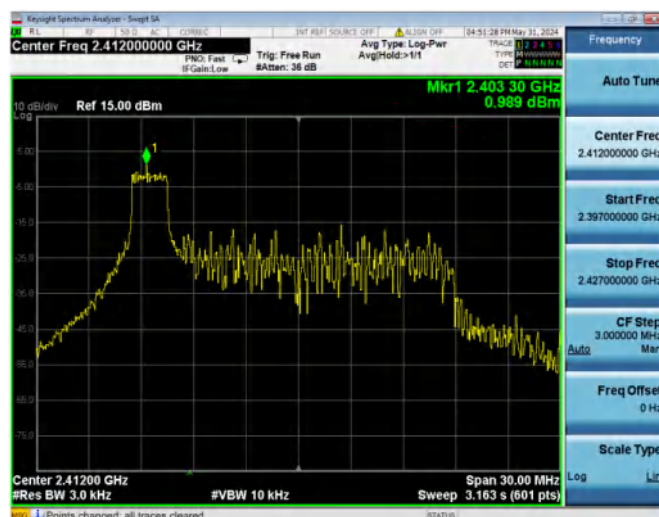
802.11ax-40 MHz(SU) MIDDLE CHANNEL



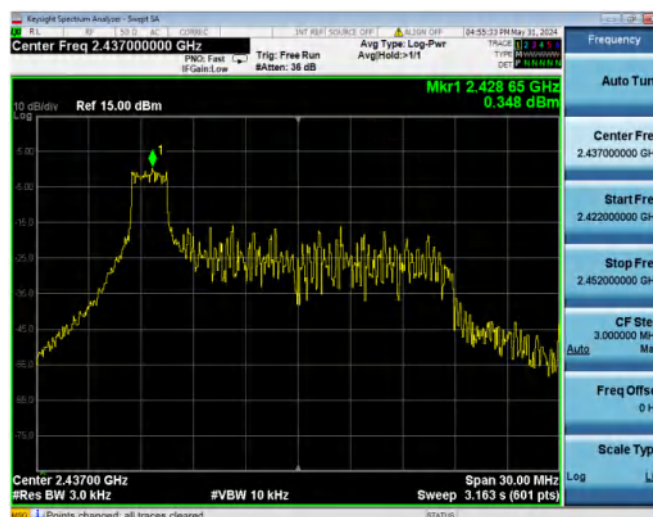
802.11ax-40 MHz(SU) HIGH CHANNEL



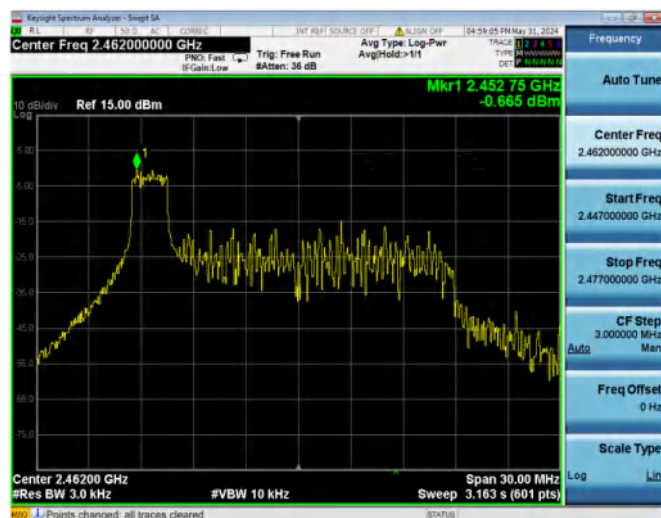
802.11ax-20 MHz(RU26) LOW CHANNEL



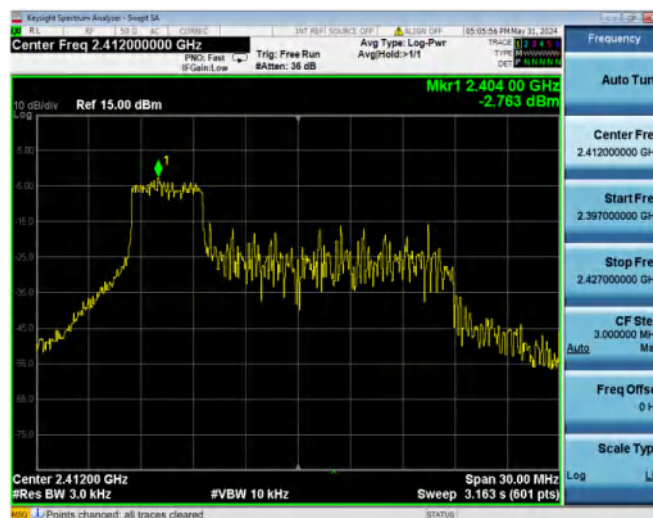
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



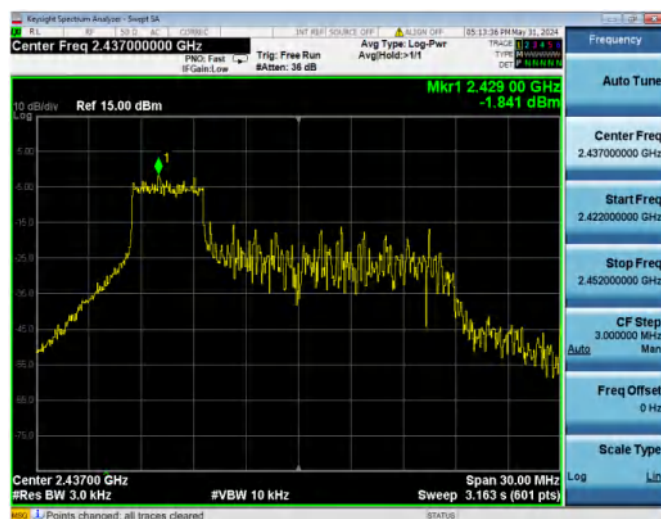
802.11ax-20 MHz(RU26) HIGH CHANNEL



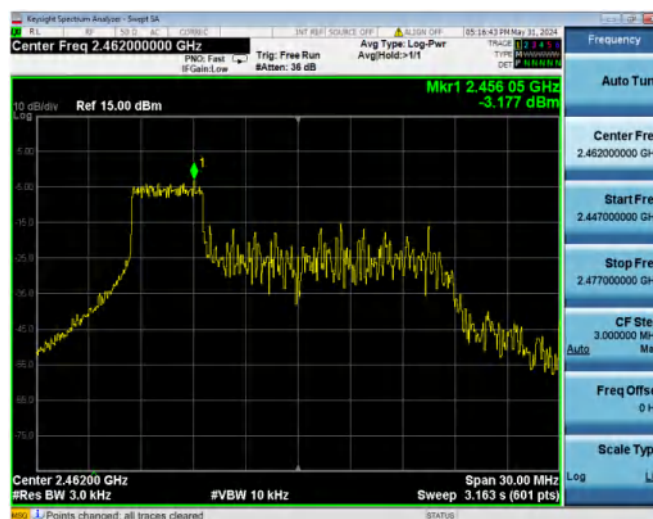
802.11ax-20 MHz(RU52) LOW CHANNEL



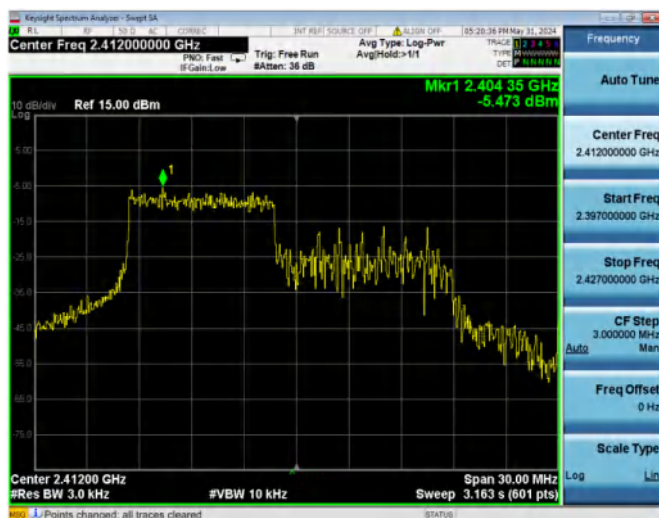
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



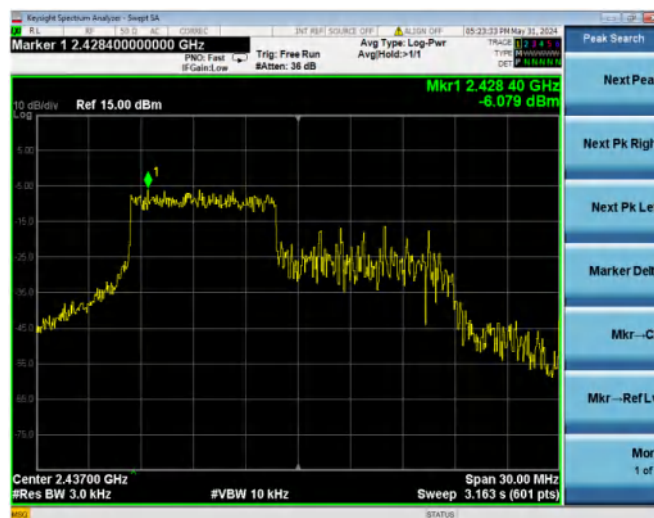
802.11ax-20 MHz(RU52) HIGH CHANNEL



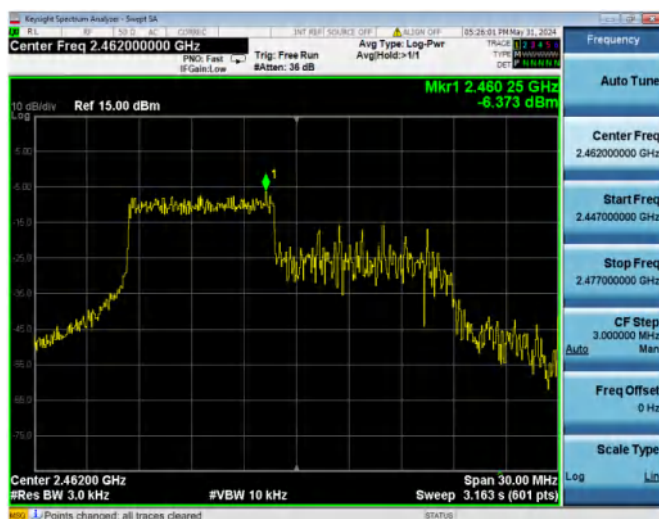
802.11ax-20 MHz(RU106) LOW CHANNEL



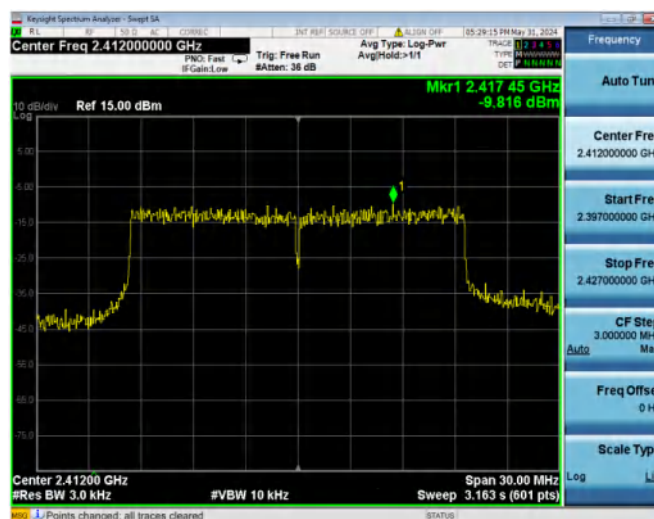
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



802.11ax-20 MHz(RU106) HIGH CHANNEL



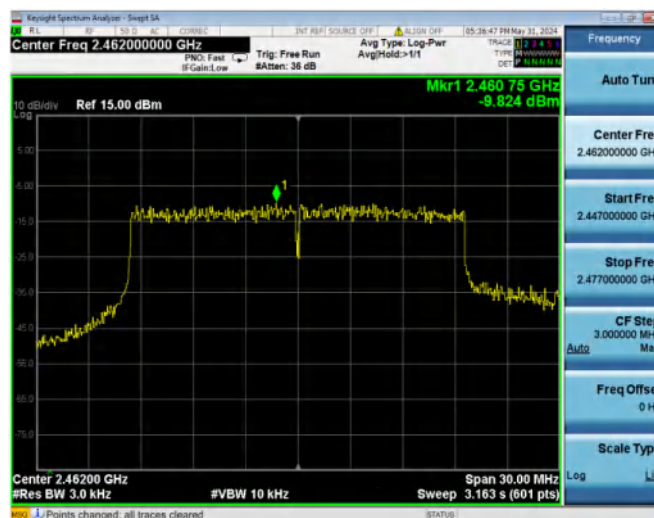
802.11ax-20 MHz(RU242) LOW CHANNEL



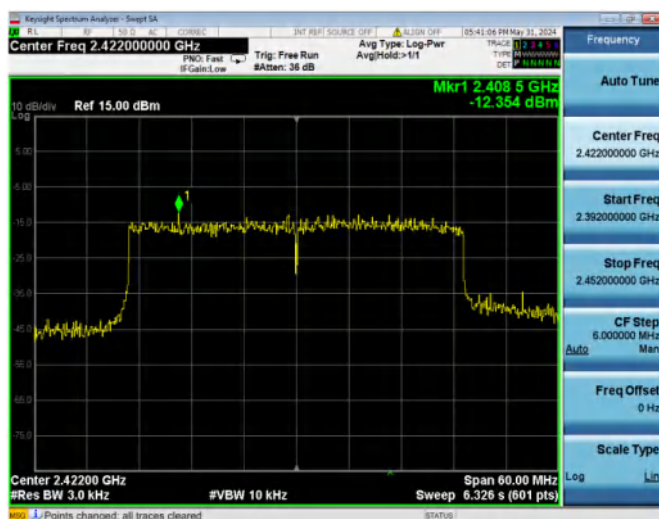
802.11ax-20 MHz(RU242) MIDDLE CHANNEL



802.11ax-20 MHz(RU242) HIGH CHANNEL



802.11ax-40 MHz(RU484) LOW CHANNEL



802.11ax-40 MHz(RU484) MIDDLE CHANNEL



802.11ax-40 MHz(RU484) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH2440056-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2440056-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH2440056-AI.PDF”.

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--END OF REPORT--