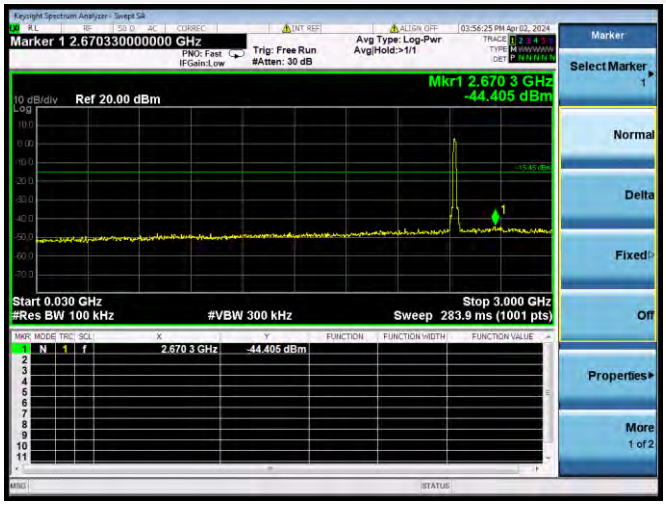
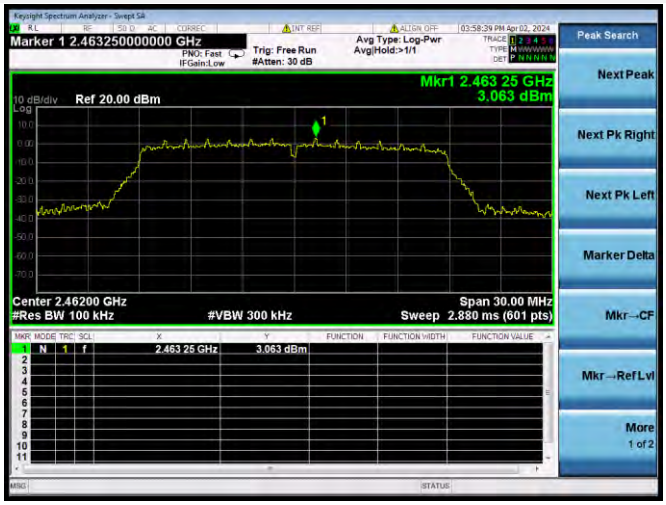
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

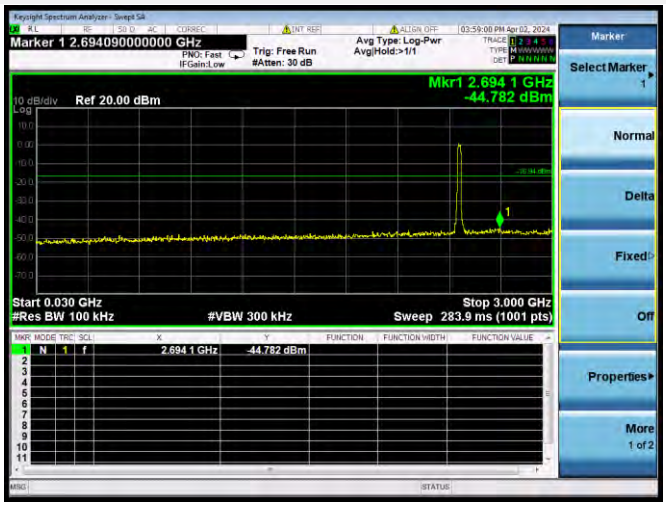


802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL

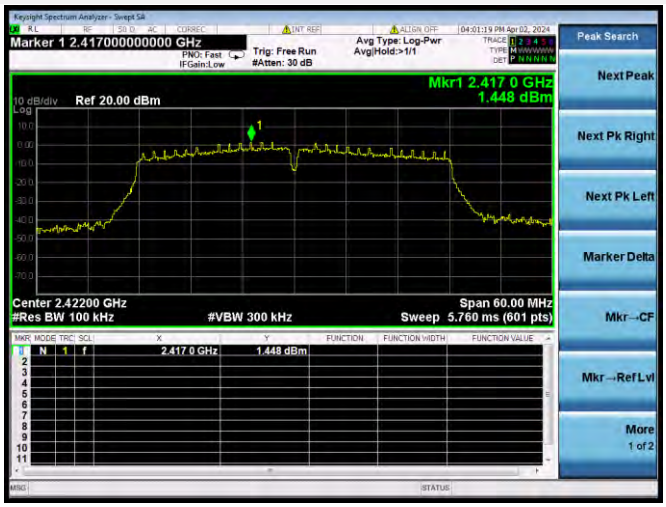


802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

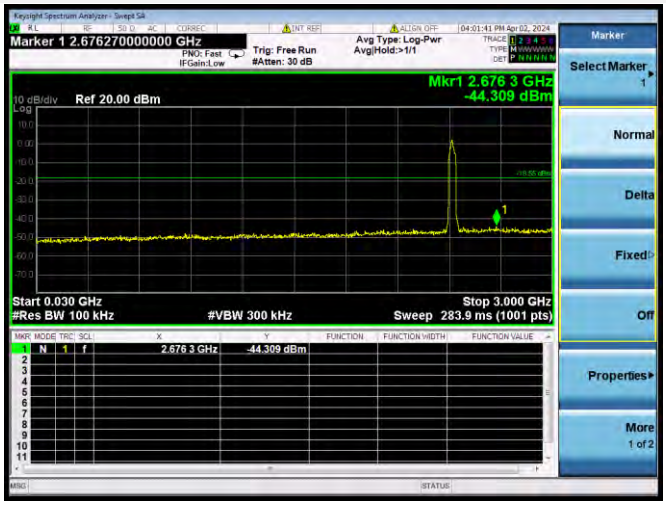


802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

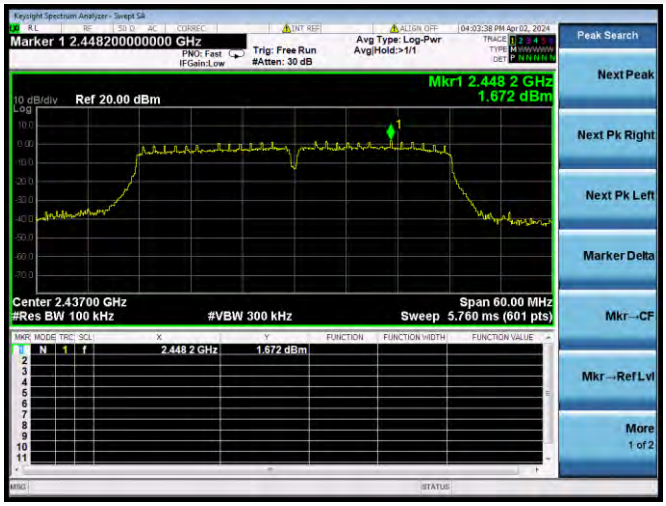


802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

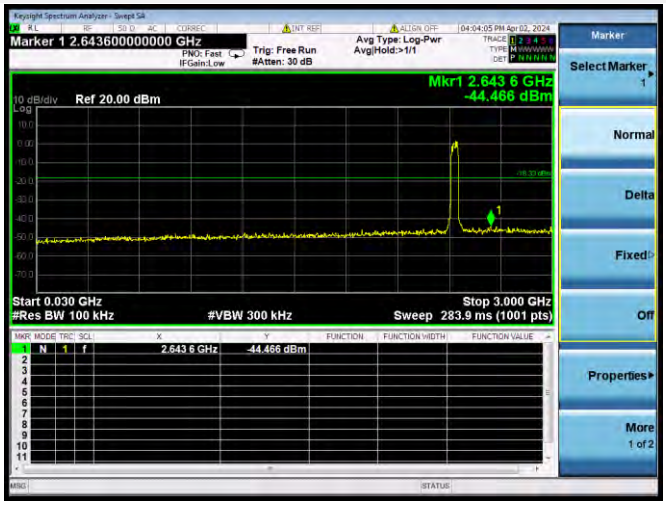


802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL

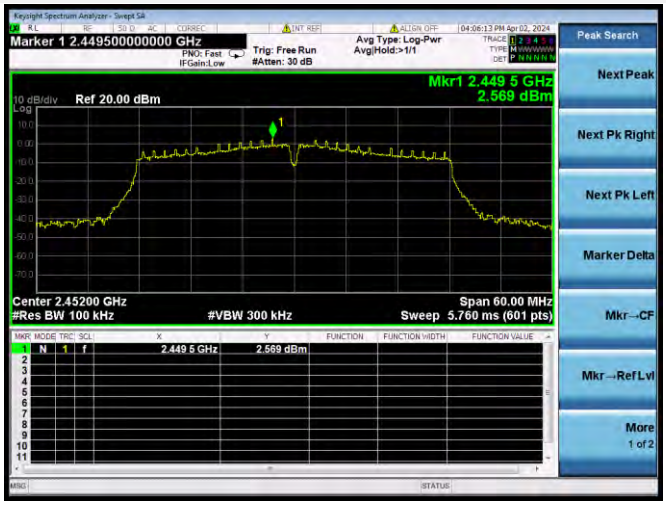


802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

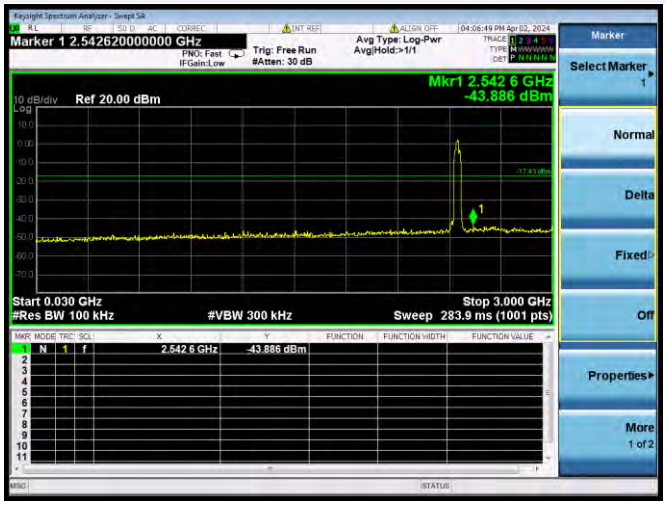


802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL

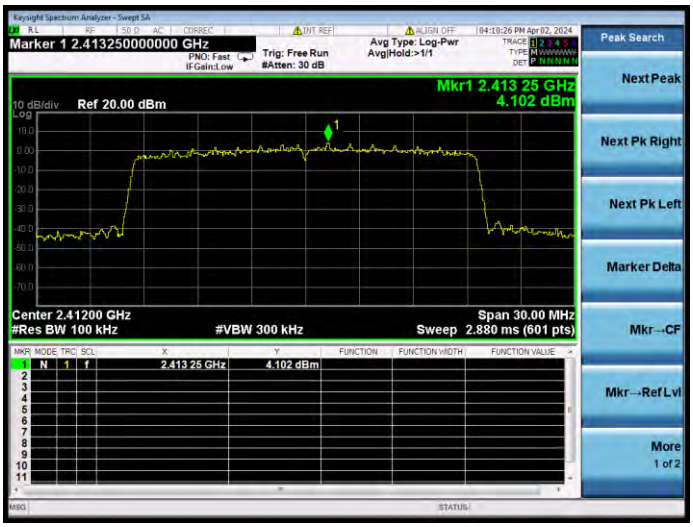


802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

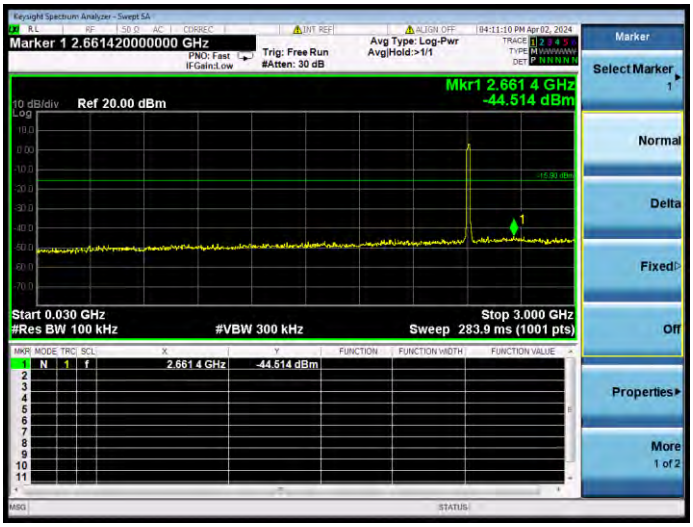


802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

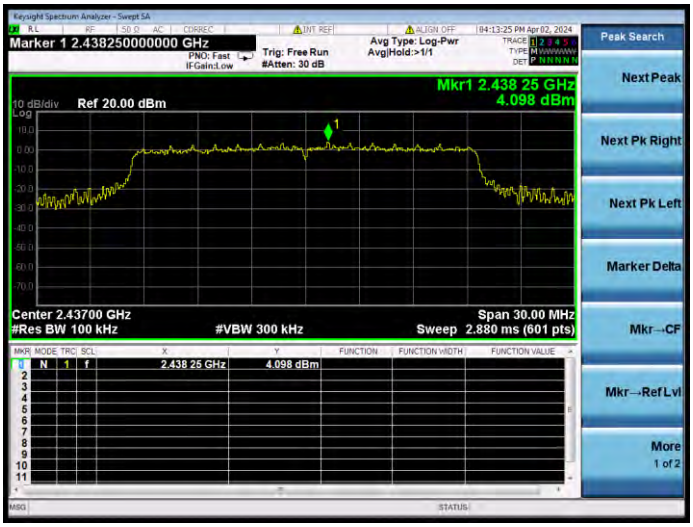


802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

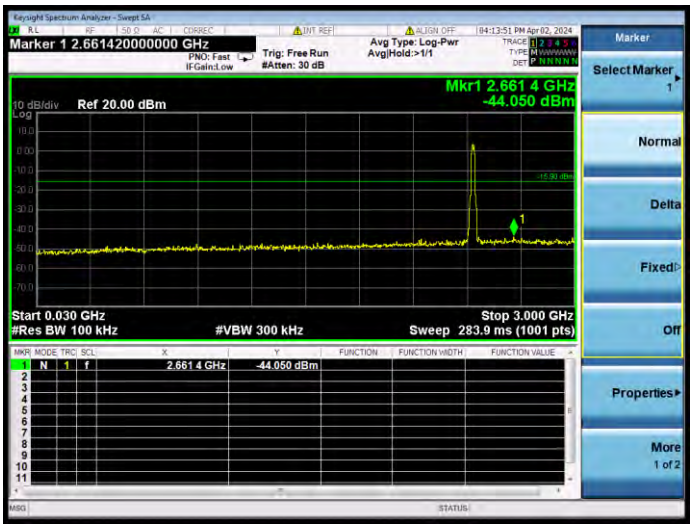


802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

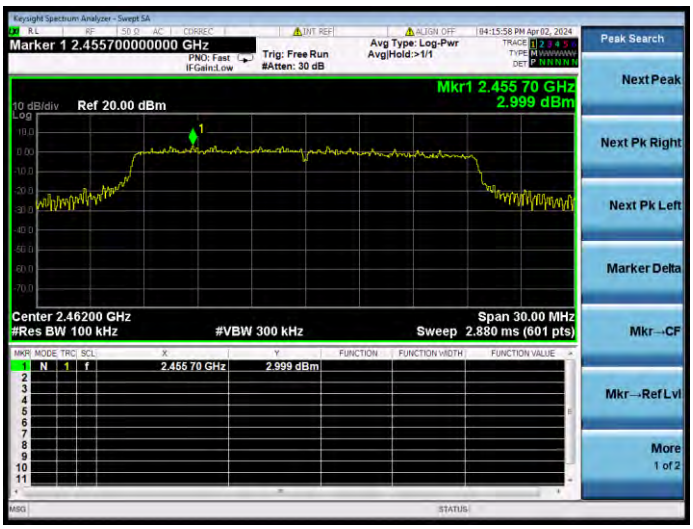


802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

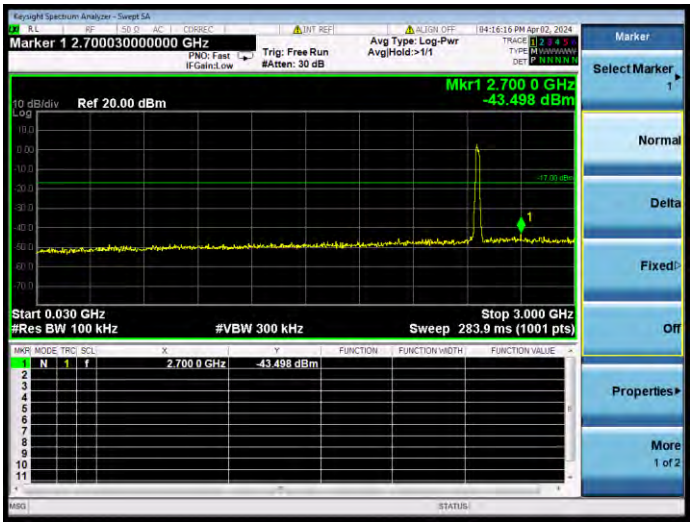


802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

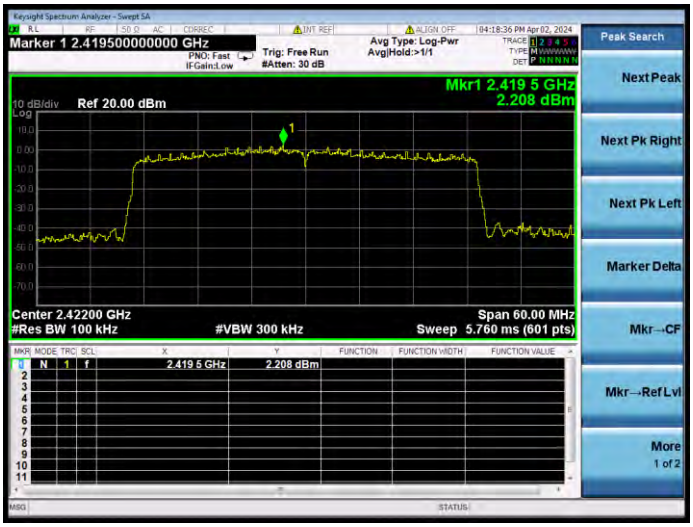


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

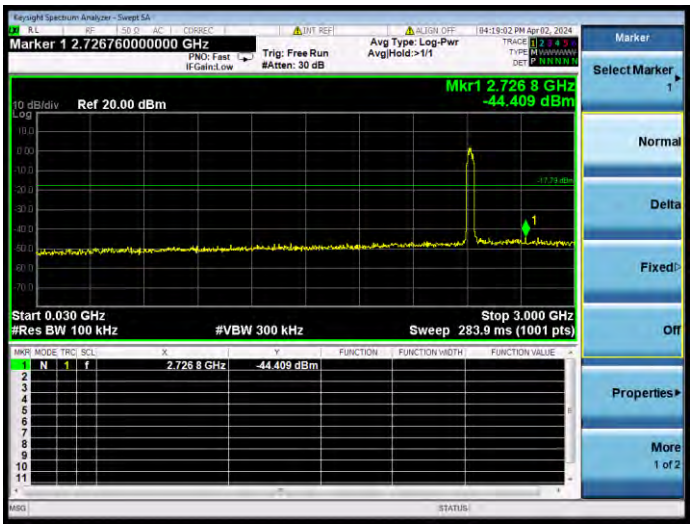


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

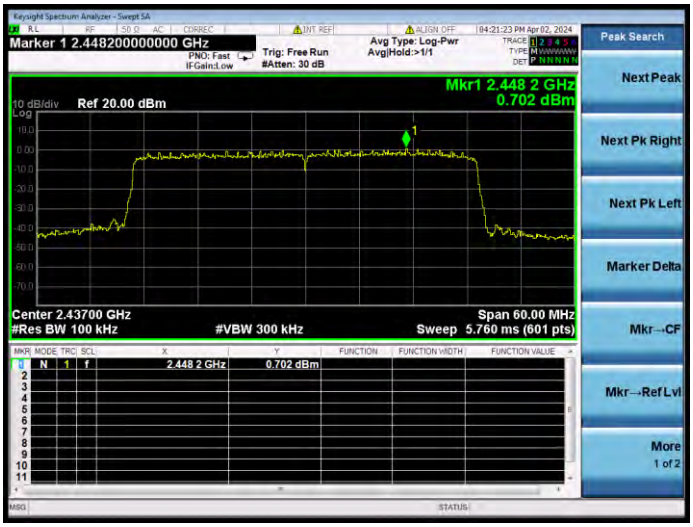


802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

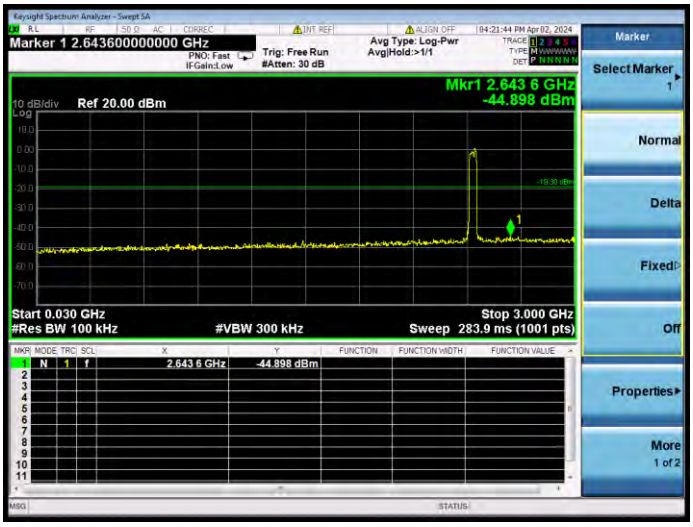


802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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

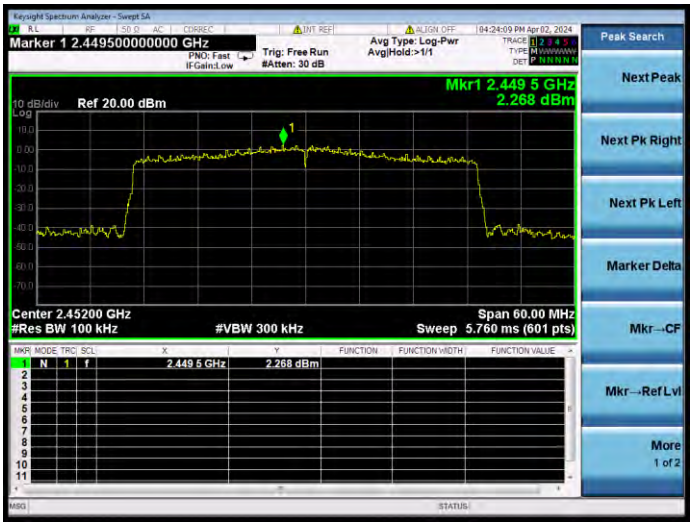


802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

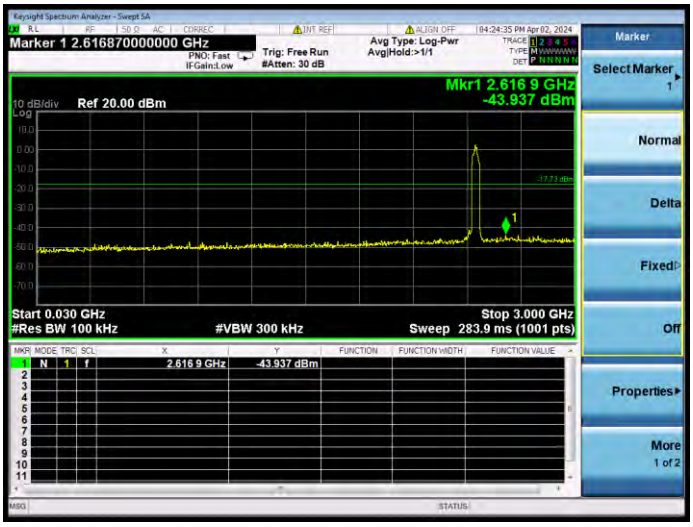


802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

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



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



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

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

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.
Note 2: All antenna were tested, but only the worst case has been reported in this report.
Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data

802.11b Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.12	7.66	-12.34	Pass
High Channel	-43.52	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	-38.68	4.76	-15.24	Pass
High Channel	-38.84	2.97	-17.03	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.57	5.45	-14.55	Pass
High Channel	-40.75	3.06	-16.94	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.83	1.45	-18.55	Pass
High Channel	-43.23	2.57	-17.43	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	-39.95	4.10	-15.90	Pass
High Channel	-40.74	3.00	-17.00	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	-41.82	2.21	-17.79	Pass
High Channel	-43.70	2.27	-17.73	Pass

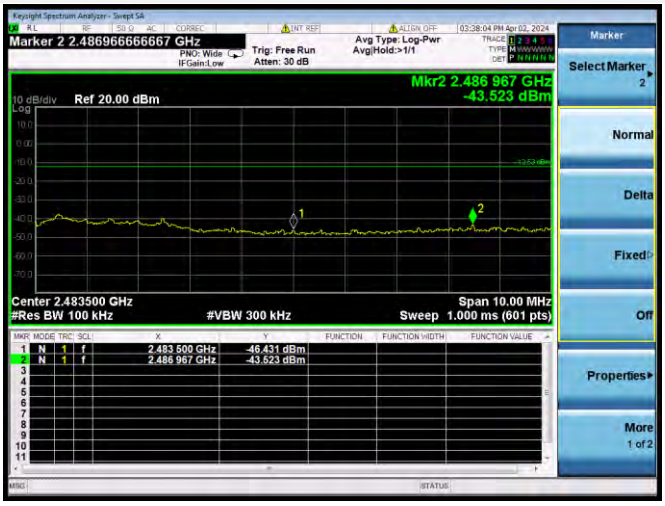
Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, BAND EDGE

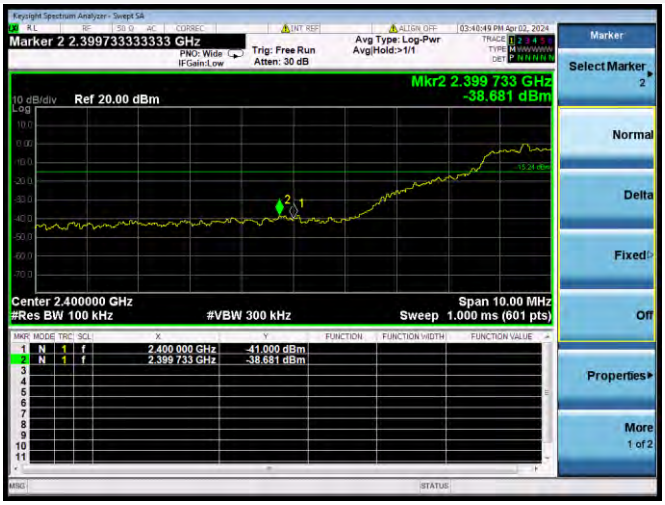
802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, BAND EDGE

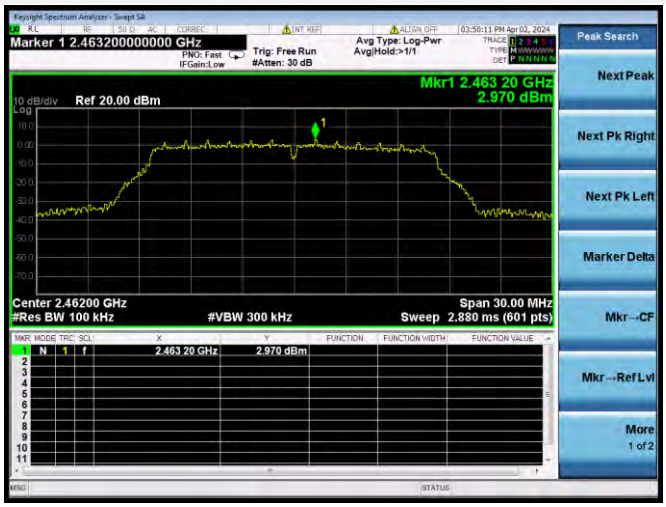


802.11g LOW CHANNEL, CARRIER LEVEL

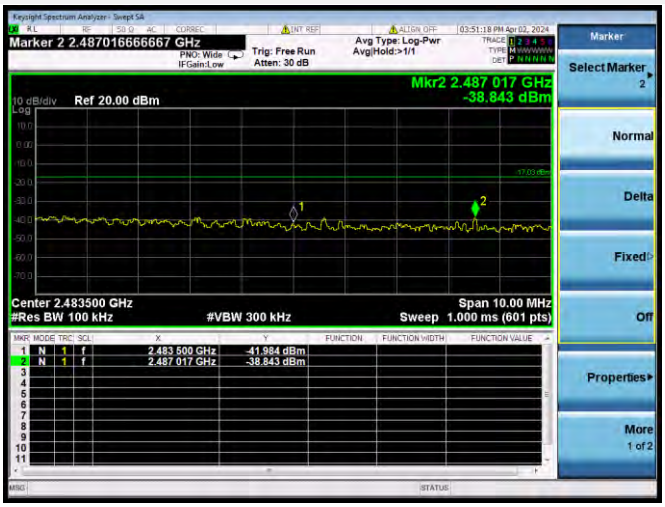
802.11g LOW CHANNEL, BAND EDGE



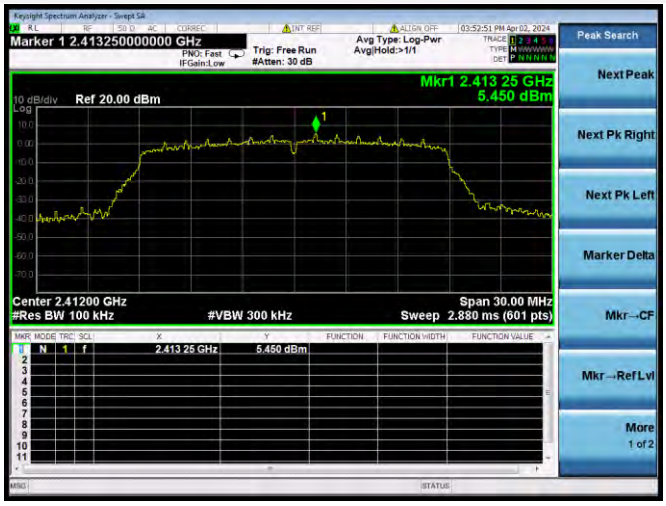
802.11g HIGH CHANNEL, CARRIER LEVEL



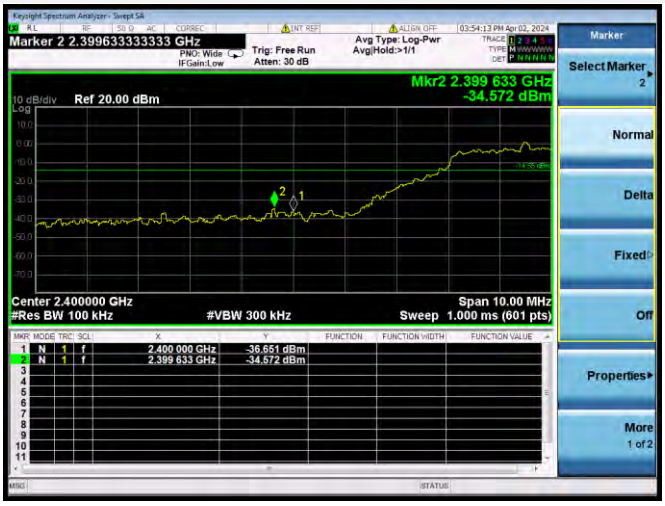
802.11g HIGH CHANNEL, BAND EDGE



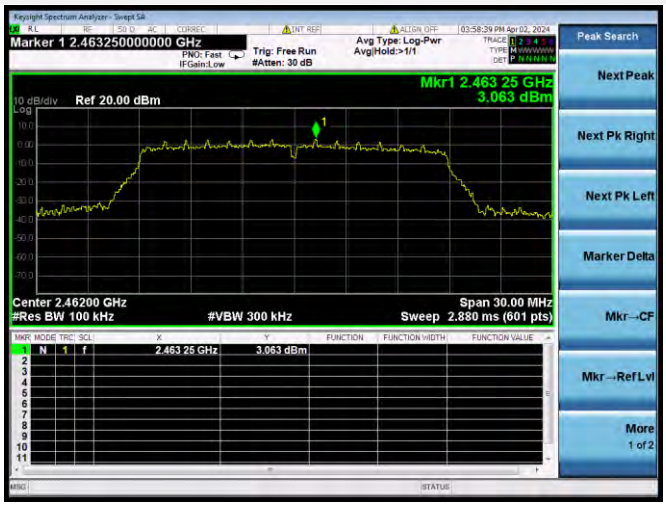
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



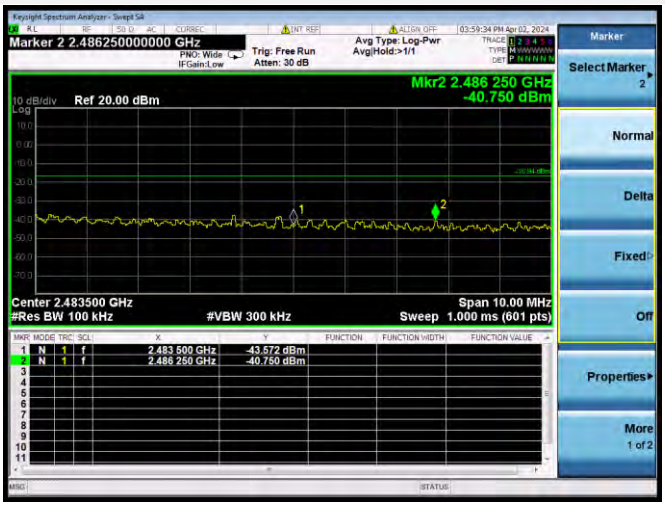
802.11n-20 MHz LOW CHANNEL, BAND EDGE



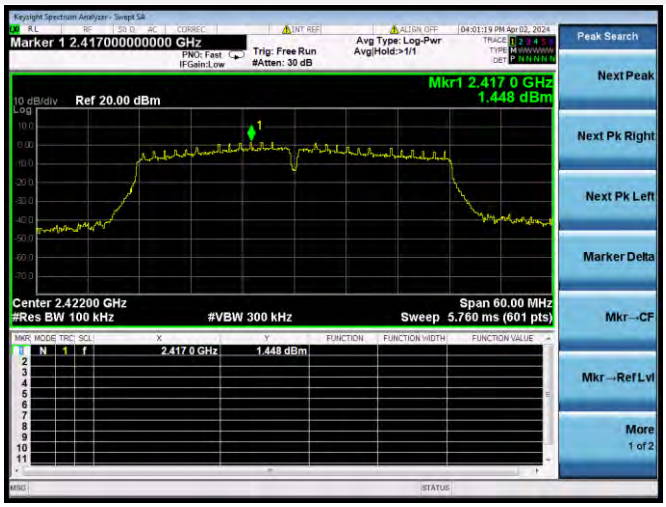
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE

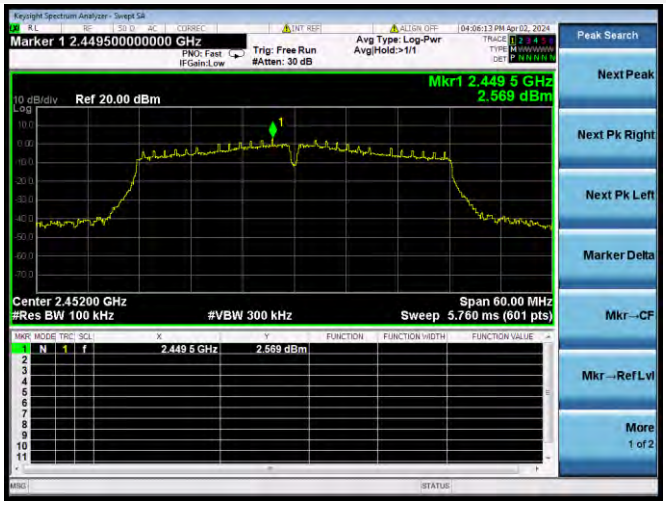


802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

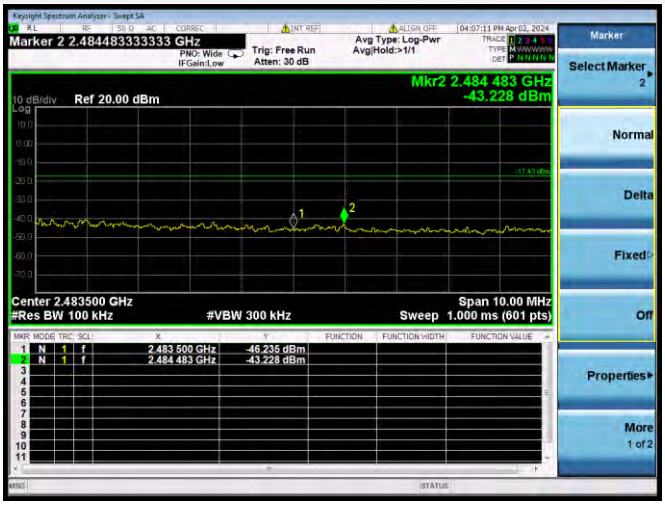


802.11n-40 MHz LOW CHANNEL, BAND EDGE

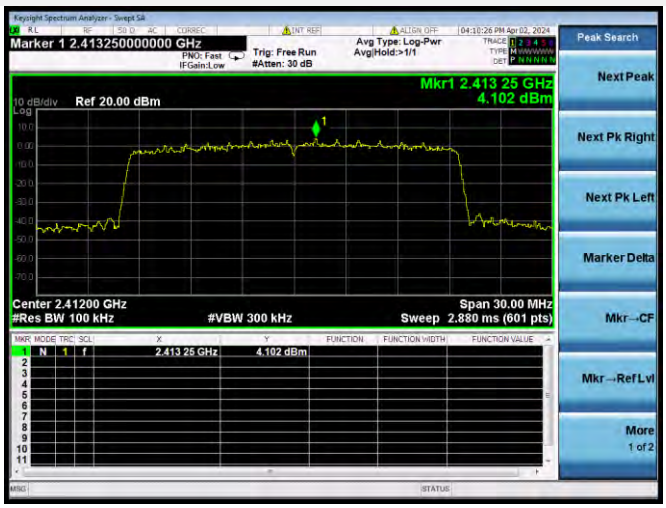
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



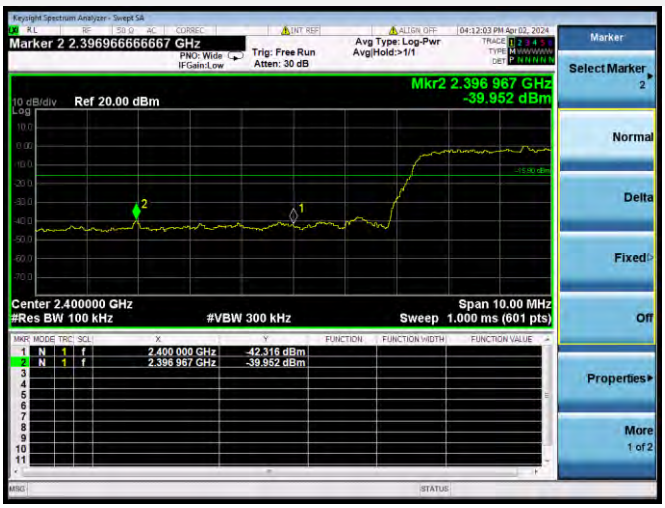
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



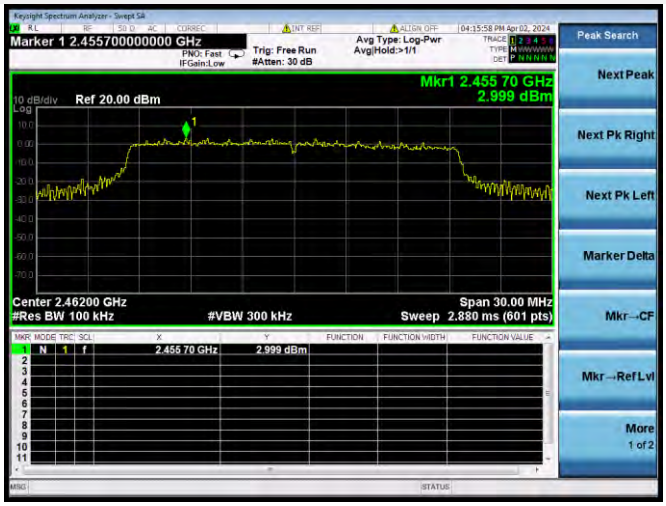
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



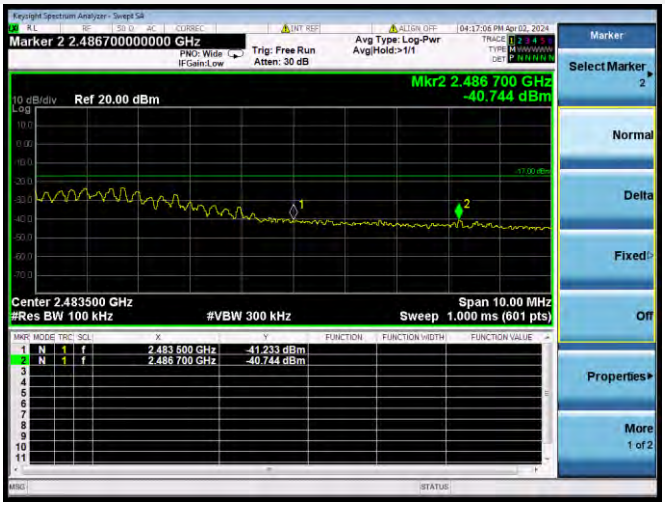
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



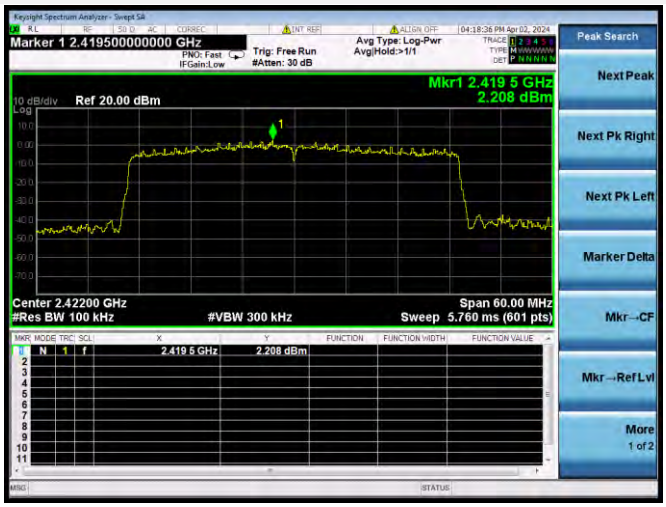
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



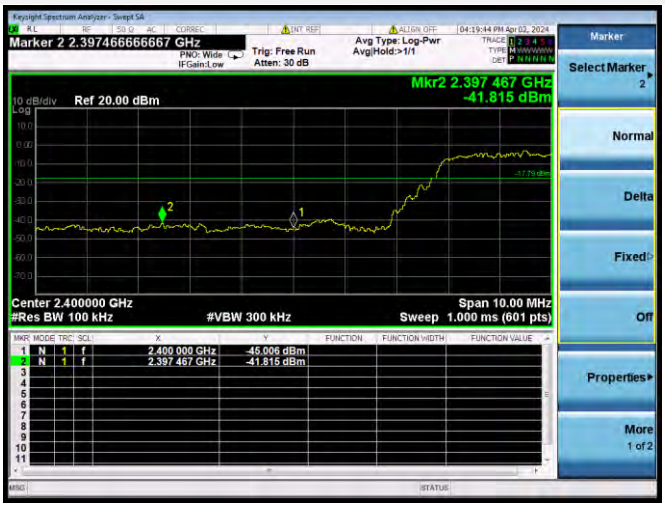
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



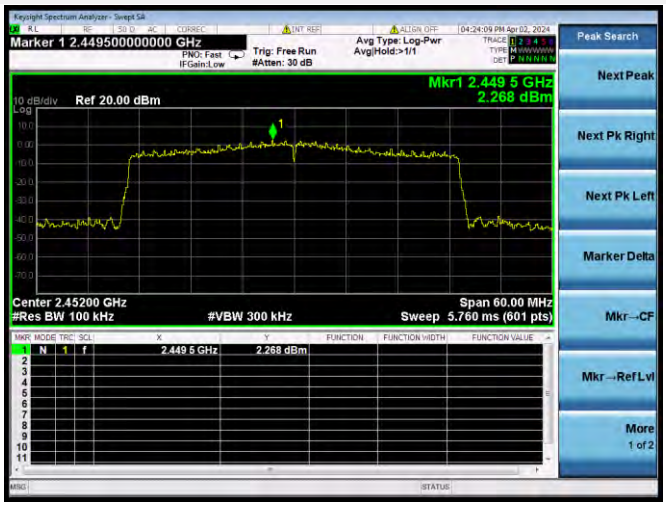
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



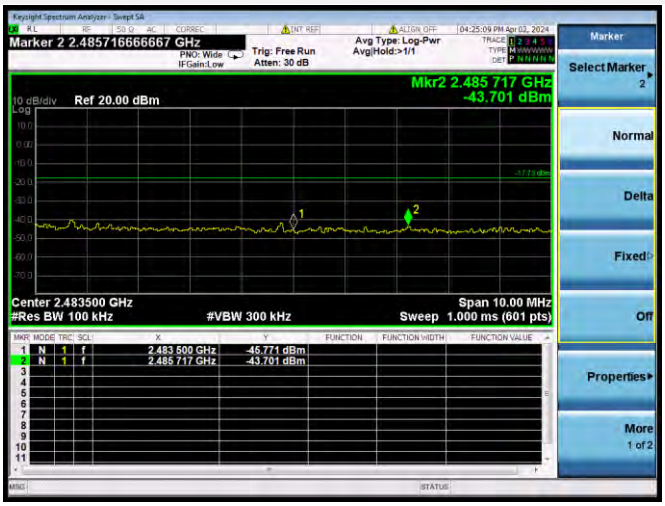
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

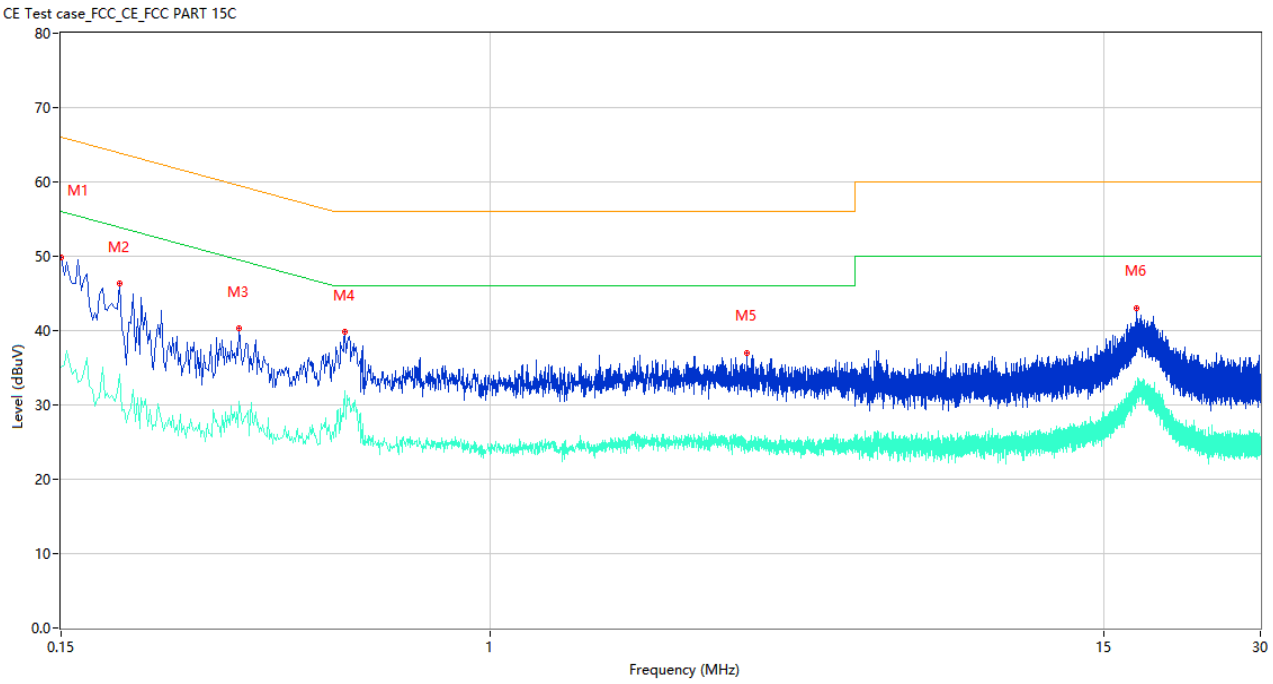
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

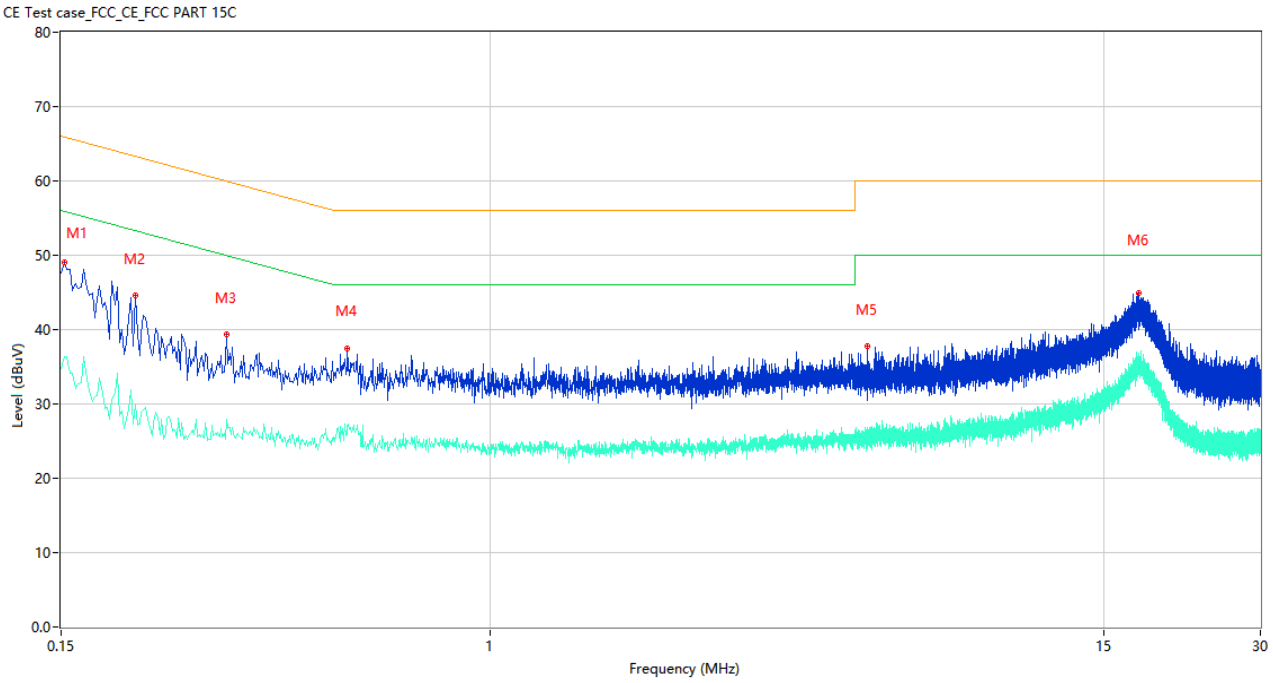
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	49.91	9.78	66.00	16.09	Peak	L	Pass
1**	0.150	35.01	9.78	56.00	20.99	AV	L	Pass
2	0.194	46.33	9.77	63.86	17.53	Peak	L	Pass
2**	0.194	34.15	9.77	53.86	19.71	AV	L	Pass
3	0.330	40.26	10.36	59.45	19.19	Peak	L	Pass
3**	0.330	30.46	10.36	49.45	18.99	AV	L	Pass
4	0.526	39.87	10.01	56.00	16.13	Peak	L	Pass
4**	0.526	31.91	10.01	46.00	14.09	AV	L	Pass
5	3.098	37.01	9.84	56.00	18.99	Peak	L	Pass
5**	3.098	24.54	9.84	46.00	21.46	AV	L	Pass
6	17.326	43.07	10.65	60.00	16.93	Peak	L	Pass
6**	17.326	31.47	10.65	50.00	18.53	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	49.10	9.78	65.89	16.79	Peak	N	Pass
1**	0.152	36.27	9.78	55.89	19.62	AV	N	Pass
2	0.208	44.56	9.77	63.28	18.72	Peak	N	Pass
2**	0.208	29.83	9.77	53.28	23.45	AV	N	Pass
3	0.312	39.31	10.00	59.92	20.61	Peak	N	Pass
3**	0.312	27.99	10.00	49.92	21.93	AV	N	Pass
4	0.532	37.53	10.01	56.00	18.47	Peak	N	Pass
4**	0.532	27.10	10.01	46.00	18.90	AV	N	Pass
5	5.282	37.71	10.32	60.00	22.29	Peak	N	Pass
5**	5.282	23.91	10.32	50.00	26.09	AV	N	Pass
6	17.494	44.87	10.82	60.00	15.13	Peak	N	Pass
6**	17.494	36.05	10.82	50.00	13.95	AV	N	Pass

A.6 Radiated Emission

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

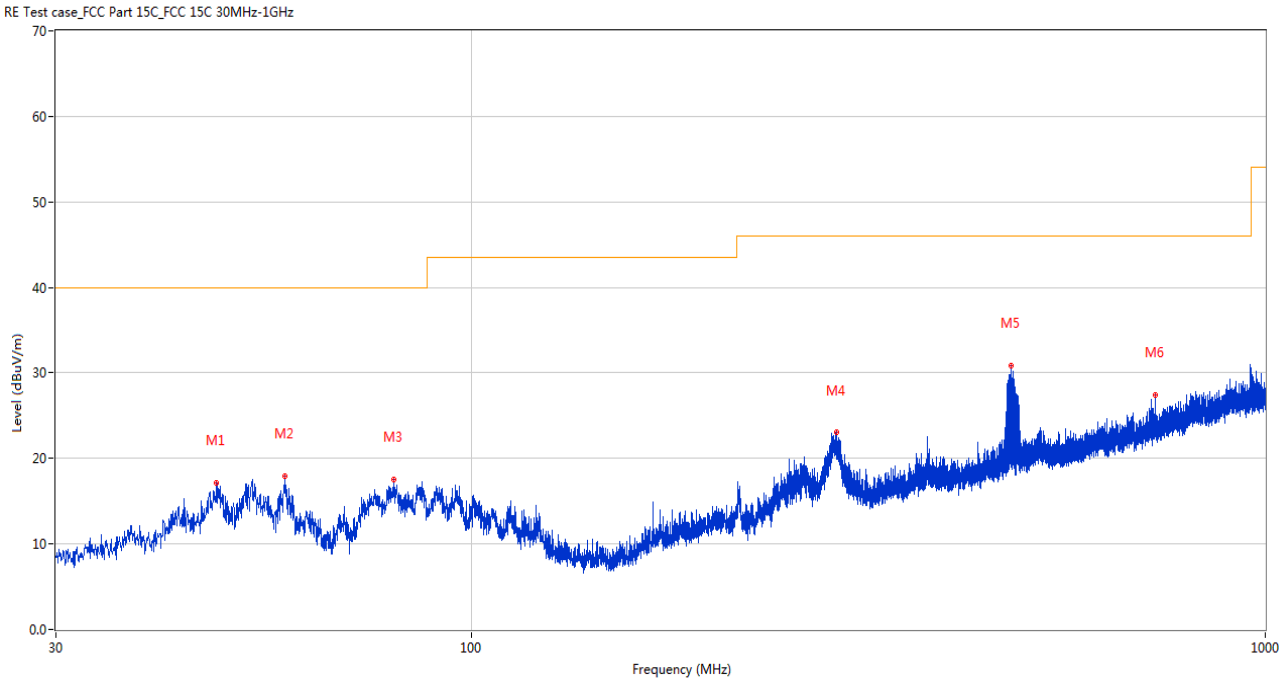
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

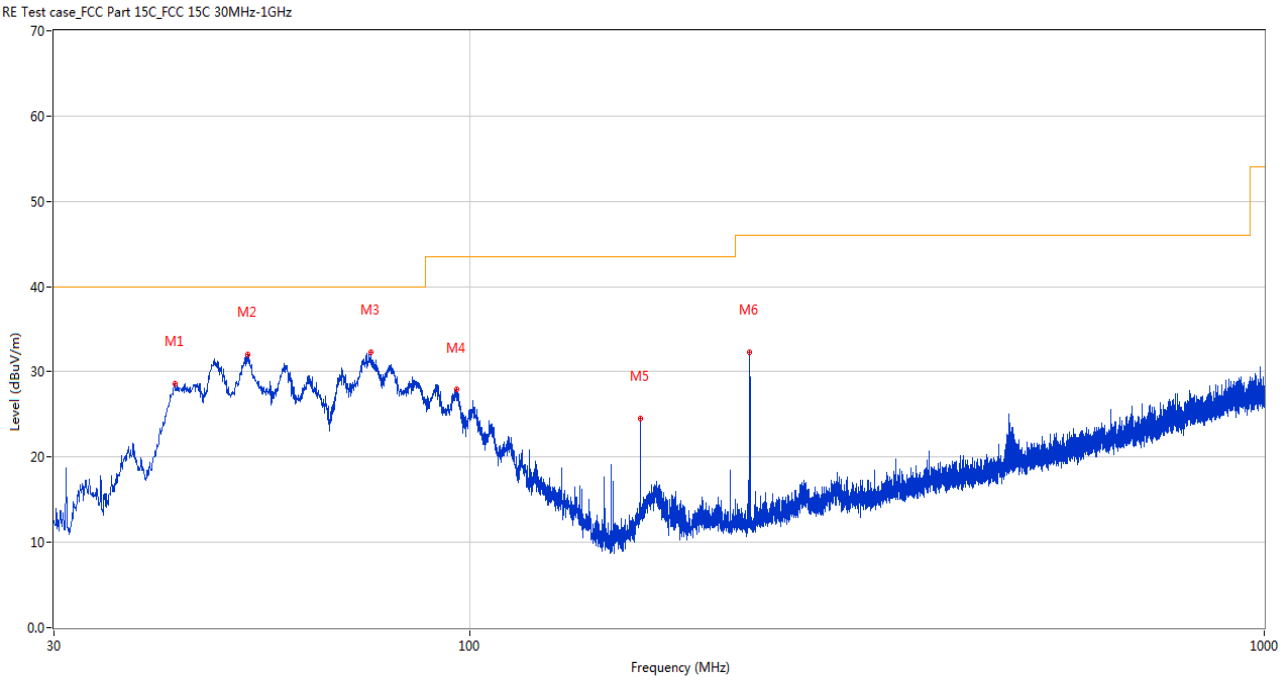
Test Data and Plots

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	47.800	17.17	-22.69	40.0	22.83	Peak	27.90	200	Horizontal	Pass
2	58.324	17.99	-24.08	40.0	22.01	Peak	3.10	200	Horizontal	Pass
3	79.907	17.57	-28.46	40.0	22.43	Peak	122.80	100	Horizontal	Pass
4	288.457	23.01	-21.95	46.0	22.99	Peak	184.20	100	Horizontal	Pass
5	479.158	30.80	-16.98	46.0	15.20	Peak	358.80	100	Horizontal	Pass
6	727.527	27.47	-12.44	46.0	18.53	Peak	24.70	100	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	42.658	28.55	-23.41	40.0	11.45	Peak	181.00	100	Vertical	Pass
2	52.601	32.00	-23.07	40.0	8.00	Peak	354.90	100	Vertical	Pass
3	75.057	32.28	-28.54	40.0	7.72	Peak	66.90	200	Vertical	Pass
4	96.251	27.89	-24.76	43.5	15.61	Peak	345.20	100	Vertical	Pass
5	164.102	24.52	-26.82	43.5	18.98	Peak	348.40	200	Vertical	Pass
6	224.824	32.25	-23.80	46.0	13.75	Peak	290.40	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 antenna were tested, but only the worst case has been reported in this report.

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

1 GHz to 18 GHz, ANT H 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	1200.600	40.67	-17.73	74.0	33.33	Peak	27.00	200	Horizontal	Pass
1**	1200.600	30.84	-17.73	54.0	23.16	AV	27.00	200	Horizontal	Pass
2	2413.300	105.18	-10.74	74.0	-31.18	Peak	297.00	150	Horizontal	N/A
2**	2413.300	102.22	-10.74	54.0	-48.22	AV	297.00	150	Horizontal	N/A
3	4935.000	51.35	-2.12	74.0	22.65	Peak	177.00	200	Horizontal	Pass
3**	4935.000	42.11	-2.12	54.0	11.89	AV	177.00	200	Horizontal	Pass
4	6618.800	54.93	0.47	74.0	19.07	Peak	86.00	100	Horizontal	Pass
4**	6618.800	45.16	0.47	54.0	8.84	AV	86.00	100	Horizontal	Pass
5	10925.237	49.70	0.15	74.0	24.30	Peak	275.00	150	Horizontal	Pass
5**	10925.237	45.21	0.15	54.0	8.79	AV	275.00	150	Horizontal	Pass
6	13382.362	56.12	0.64	74.0	17.88	Peak	19.00	150	Horizontal	Pass
6**	13382.362	46.30	0.64	54.0	7.70	AV	19.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1330.500	45.34	-16.97	74.0	28.66	Peak	14.00	400	Vertical	Pass
1**	1330.500	36.61	-16.97	54.0	17.39	AV	14.00	400	Vertical	Pass
2	2413.200	100.62	-10.74	74.0	-26.62	Peak	105.00	150	Vertical	N/A
2**	2413.200	97.81	-10.74	54.0	-43.81	AV	105.00	150	Vertical	N/A
3	4824.200	50.73	-2.04	74.0	23.27	Peak	71.00	150	Vertical	Pass
3**	4824.200	44.99	-2.04	54.0	9.01	AV	71.00	150	Vertical	Pass
4	6806.200	54.60	2.26	74.0	19.40	Peak	215.00	400	Vertical	Pass
4**	6806.200	45.61	2.26	54.0	8.39	AV	215.00	400	Vertical	Pass
5	13419.900	55.84	0.40	74.0	18.16	Peak	53.00	150	Vertical	Pass
5**	13419.900	46.64	0.40	54.0	7.36	AV	53.00	150	Vertical	Pass
6	16179.826	56.06	1.50	74.0	17.94	Peak	187.00	300	Vertical	Pass
6**	16179.826	46.31	1.50	54.0	7.69	AV	187.00	300	Vertical	Pass

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	1331.200	41.23	-17.03	74.0	32.77	Peak	173.00	100	Horizontal	Pass
1**	1331.200	31.12	-17.03	54.0	22.88	AV	173.00	100	Horizontal	Pass
2	2438.200	103.77	-12.20	74.0	-29.77	Peak	295.00	200	Horizontal	N/A
2**	2438.200	100.72	-12.20	54.0	-46.72	AV	295.00	200	Horizontal	N/A
3	4979.400	51.59	-1.58	74.0	22.41	Peak	143.00	150	Horizontal	Pass
3**	4979.400	42.51	-1.58	54.0	11.49	AV	143.00	150	Horizontal	Pass
4	6611.800	54.31	0.60	74.0	19.69	Peak	43.00	400	Horizontal	Pass
4**	6611.800	46.31	0.60	54.0	7.69	AV	43.00	400	Horizontal	Pass
5	10123.688	52.71	-0.18	74.0	21.29	Peak	344.00	150	Horizontal	Pass
5**	10123.688	41.80	-0.18	54.0	12.20	AV	344.00	150	Horizontal	Pass
6	13411.763	56.87	0.47	74.0	17.13	Peak	214.00	200	Horizontal	Pass
6**	13411.763	46.55	0.47	54.0	7.45	AV	214.00	200	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	1329.300	46.50	-17.04	74.0	27.50	Peak	56.00	300	Vertical	Pass
1**	1329.300	36.41	-17.04	54.0	17.59	AV	56.00	300	Vertical	Pass
2	2435.800	99.35	-12.14	74.0	-25.35	Peak	104.00	100	Vertical	N/A
2**	2435.800	96.44	-12.14	54.0	-42.44	AV	104.00	100	Vertical	N/A
3	4874.000	50.92	-2.66	74.0	23.08	Peak	204.00	150	Vertical	Pass
3**	4874.000	45.71	-2.66	54.0	8.29	AV	204.00	150	Vertical	Pass
4	4874.400	51.53	-2.66	74.0	22.47	Peak	106.00	100	Vertical	Pass
4**	4874.400	45.18	-2.66	54.0	8.82	AV	106.00	100	Vertical	Pass
5	13433.550	55.95	0.41	74.0	18.05	Peak	360.00	150	Vertical	Pass
5**	13433.550	46.57	0.41	54.0	7.43	AV	360.00	150	Vertical	Pass
6	17465.551	56.64	2.89	74.0	17.36	Peak	180.00	100	Vertical	Pass
6**	17465.551	47.38	2.89	54.0	6.62	AV	180.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1329.300	40.50	-17.04	74.0	33.50	Peak	123.00	300	Horizontal	Pass
1**	1329.300	32.87	-17.04	54.0	21.13	AV	123.00	300	Horizontal	Pass
2	2460.800	101.67	-12.05	74.0	-27.67	Peak	213.00	150	Horizontal	N/A
2**	2460.800	98.79	-12.05	54.0	-44.79	AV	213.00	150	Horizontal	N/A
3	4846.400	52.04	-2.64	74.0	21.96	Peak	252.00	100	Horizontal	Pass
3**	4846.400	42.47	-2.64	54.0	11.53	AV	252.00	100	Horizontal	Pass
4	5877.800	54.42	-0.69	74.0	19.58	Peak	183.00	300	Horizontal	Pass
4**	5877.800	44.52	-0.69	54.0	9.48	AV	183.00	300	Horizontal	Pass
5	13318.050	56.16	0.90	74.0	17.84	Peak	137.00	100	Horizontal	Pass
5**	13318.050	46.29	0.90	54.0	7.71	AV	137.00	100	Horizontal	Pass
6	15565.575	55.32	1.35	74.0	18.68	Peak	338.00	150	Horizontal	Pass
6**	15565.575	45.91	1.35	54.0	8.09	AV	338.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1328.600	45.49	-17.09	74.0	28.51	Peak	60.00	400	Vertical	Pass
1**	1328.600	35.97	-17.09	54.0	18.03	AV	60.00	400	Vertical	Pass
2	2463.100	94.55	-11.78	74.0	-20.55	Peak	107.00	150	Vertical	N/A
2**	2463.100	91.68	-11.78	54.0	-37.68	AV	107.00	150	Vertical	N/A
3	4941.000	51.69	-1.98	74.0	22.31	Peak	254.00	200	Vertical	Pass
3**	4941.000	43.09	-1.98	54.0	10.91	AV	254.00	200	Vertical	Pass
4	6806.800	54.60	2.22	74.0	19.40	Peak	328.00	400	Vertical	Pass
4**	6806.800	46.64	2.22	54.0	7.36	AV	328.00	400	Vertical	Pass
5	13414.912	55.71	0.42	74.0	18.29	Peak	261.00	150	Vertical	Pass
5**	13414.912	46.57	0.42	54.0	7.43	AV	261.00	150	Vertical	Pass
6	15238.762	56.59	0.97	74.0	17.41	Peak	360.00	300	Vertical	Pass
6**	15238.762	47.22	0.97	54.0	6.78	AV	360.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1332.800	40.30	-17.13	74.0	33.70	Peak	179.00	200	Horizontal	Pass
1**	1332.800	31.20	-17.13	54.0	22.80	AV	179.00	200	Horizontal	Pass
2	2413.900	104.81	-10.77	74.0	-30.81	Peak	270.00	100	Horizontal	N/A
2**	2413.900	97.73	-10.77	54.0	-43.73	AV	270.00	100	Horizontal	N/A
3	4986.000	51.48	-2.07	74.0	22.52	Peak	360.00	150	Horizontal	Pass
3**	4986.000	41.96	-2.07	54.0	12.04	AV	360.00	150	Horizontal	Pass
4	6788.600	54.60	0.43	74.0	19.40	Peak	201.00	100	Horizontal	Pass
4**	6788.600	46.31	0.43	54.0	7.69	AV	201.00	100	Horizontal	Pass
5	13411.500	56.22	0.48	74.0	17.78	Peak	279.00	150	Horizontal	Pass
5**	13411.500	46.81	0.48	54.0	7.19	AV	279.00	150	Horizontal	Pass
6	17445.075	56.85	2.86	74.0	17.15	Peak	159.00	200	Horizontal	Pass
6**	17445.075	47.29	2.86	54.0	6.71	AV	159.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1332.400	47.37	-17.12	74.0	26.63	Peak	64.00	400	Vertical	Pass
1**	1332.400	35.81	-17.12	54.0	18.19	AV	64.00	400	Vertical	Pass
2	2413.200	98.75	-10.74	74.0	-24.75	Peak	112.00	100	Vertical	N/A
2**	2413.200	91.56	-10.74	54.0	-37.56	AV	112.00	100	Vertical	N/A
3	4811.200	51.12	-2.15	74.0	22.88	Peak	104.00	150	Vertical	Pass
3**	4811.200	41.49	-2.15	54.0	12.51	AV	104.00	150	Vertical	Pass
4	6565.400	54.79	-1.08	74.0	19.21	Peak	18.00	200	Vertical	Pass
4**	6565.400	44.04	-1.08	54.0	9.96	AV	18.00	200	Vertical	Pass
5	13318.838	55.55	0.90	74.0	18.45	Peak	157.00	150	Vertical	Pass
5**	13318.838	46.60	0.90	54.0	7.40	AV	157.00	150	Vertical	Pass
6	17471.324	56.10	2.88	74.0	17.90	Peak	254.00	300	Vertical	Pass
6**	17471.324	47.18	2.88	54.0	6.82	AV	254.00	300	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	1330.300	43.39	-16.99	74.0	30.61	Peak	112.00	200	Horizontal	Pass
1**	1330.300	33.41	-16.99	54.0	20.59	AV	112.00	200	Horizontal	Pass
2	2438.100	104.51	-12.19	74.0	-30.51	Peak	233.00	150	Horizontal	N/A
2**	2438.100	97.52	-12.19	54.0	-43.52	AV	233.00	150	Horizontal	N/A
3	4982.600	52.13	-1.63	74.0	21.87	Peak	42.00	150	Horizontal	Pass
3**	4982.600	43.36	-1.63	54.0	10.64	AV	42.00	150	Horizontal	Pass
4	6828.800	54.44	0.15	74.0	19.56	Peak	20.00	200	Horizontal	Pass
4**	6828.800	44.33	0.15	54.0	9.67	AV	20.00	200	Horizontal	Pass
5	13311.750	55.94	0.87	74.0	18.06	Peak	19.00	150	Horizontal	Pass
5**	13311.750	46.46	0.87	54.0	7.54	AV	19.00	150	Horizontal	Pass
6	16040.963	56.74	0.79	74.0	17.26	Peak	328.00	200	Horizontal	Pass
6**	16040.963	46.95	0.79	54.0	7.05	AV	328.00	200	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	45.81	-17.08	74.0	28.19	Peak	68.00	300	Vertical	Pass
1**	1327.500	33.70	-17.08	54.0	20.30	AV	68.00	300	Vertical	Pass
2	2438.300	99.19	-12.22	74.0	-25.19	Peak	360.00	100	Vertical	N/A
2**	2438.300	91.97	-12.22	54.0	-37.97	AV	360.00	100	Vertical	N/A
3	4643.600	51.41	-3.14	74.0	22.59	Peak	244.00	200	Vertical	Pass
3**	4643.600	41.36	-3.14	54.0	12.64	AV	244.00	200	Vertical	Pass
4	6808.600	54.62	1.64	74.0	19.38	Peak	84.00	300	Vertical	Pass
4**	6808.600	45.75	1.64	54.0	8.25	AV	84.00	300	Vertical	Pass
5	13323.037	55.53	0.92	74.0	18.47	Peak	0.00	150	Vertical	Pass
5**	13323.037	46.62	0.92	54.0	7.38	AV	0.00	150	Vertical	Pass
6	15850.387	55.61	1.32	74.0	18.39	Peak	88.00	200	Vertical	Pass
6**	15850.387	46.07	1.32	54.0	7.93	AV	88.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1330.000	41.10	-17.00	74.0	32.90	Peak	163.00	400	Horizontal	Pass
1**	1330.000	31.01	-17.00	54.0	22.99	AV	163.00	400	Horizontal	Pass
2	2465.500	102.03	-11.88	74.0	-28.03	Peak	214.00	100	Horizontal	N/A
2**	2465.500	94.22	-11.88	54.0	-40.22	AV	214.00	100	Horizontal	N/A
3	4994.800	51.94	-2.52	74.0	22.06	Peak	360.00	150	Horizontal	Pass
3**	4994.800	42.39	-2.52	54.0	11.61	AV	360.00	150	Horizontal	Pass
4	6626.600	54.59	0.24	74.0	19.41	Peak	138.00	100	Horizontal	Pass
4**	6626.600	45.39	0.24	54.0	8.61	AV	138.00	100	Horizontal	Pass
5	13375.275	55.65	0.68	74.0	18.35	Peak	186.00	150	Horizontal	Pass
5**	13375.275	45.93	0.68	54.0	8.07	AV	186.00	150	Horizontal	Pass
6	17436.412	57.07	3.20	74.0	16.93	Peak	207.00	400	Horizontal	Pass
6**	17436.412	47.07	3.20	54.0	6.93	AV	207.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1331.600	43.69	-17.06	74.0	30.31	Peak	20.00	300	Vertical	Pass
1**	1331.600	34.26	-17.06	54.0	19.74	AV	20.00	300	Vertical	Pass
2	2464.900	96.09	-11.87	74.0	-22.09	Peak	108.00	200	Vertical	N/A
2**	2464.900	89.04	-11.87	54.0	-35.04	AV	108.00	200	Vertical	N/A
3	4525.000	51.17	-3.33	74.0	22.83	Peak	47.00	150	Vertical	Pass
3**	4525.000	40.01	-3.33	54.0	13.99	AV	47.00	150	Vertical	Pass
4	6813.400	54.77	0.87	74.0	19.23	Peak	84.00	400	Vertical	Pass
4**	6813.400	45.30	0.87	54.0	8.70	AV	84.00	400	Vertical	Pass
5	13312.800	55.71	0.87	74.0	18.29	Peak	315.00	150	Vertical	Pass
5**	13312.800	46.76	0.87	54.0	7.24	AV	315.00	150	Vertical	Pass
6	17468.436	56.77	2.90	74.0	17.23	Peak	178.00	100	Vertical	Pass
6**	17468.436	46.49	2.90	54.0	7.51	AV	178.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1329.200	42.52	-17.05	74.0	31.48	Peak	163.00	100	Horizontal	Pass
1**	1329.200	34.92	-17.05	54.0	19.08	AV	163.00	100	Horizontal	Pass
2	2413.400	105.07	-10.75	74.0	-31.07	Peak	257.00	150	Horizontal	N/A
2**	2413.400	97.76	-10.75	54.0	-43.76	AV	257.00	150	Horizontal	N/A
3	4920.400	51.60	-2.55	74.0	22.40	Peak	281.00	150	Horizontal	Pass
3**	4920.400	41.98	-2.55	54.0	12.02	AV	281.00	150	Horizontal	Pass
4	6807.800	54.21	1.89	74.0	19.79	Peak	293.00	100	Horizontal	Pass
4**	6807.800	46.22	1.89	54.0	7.78	AV	293.00	100	Horizontal	Pass
5	13329.338	55.43	0.93	74.0	18.57	Peak	360.00	150	Horizontal	Pass
5**	13329.338	47.26	0.93	54.0	6.74	AV	360.00	150	Horizontal	Pass
6	15797.363	56.59	2.25	74.0	17.41	Peak	360.00	100	Horizontal	Pass
6**	15797.363	46.01	2.25	54.0	7.99	AV	360.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1328.300	45.36	-17.10	74.0	28.64	Peak	69.00	300	Vertical	Pass
1**	1328.300	36.80	-17.10	54.0	17.20	AV	69.00	300	Vertical	Pass
2	2412.900	100.27	-10.72	74.0	-26.27	Peak	102.00	200	Vertical	N/A
2**	2412.900	92.81	-10.72	54.0	-38.81	AV	102.00	200	Vertical	N/A
3	4977.400	51.46	-1.73	74.0	22.54	Peak	0.00	100	Vertical	Pass
3**	4977.400	42.74	-1.73	54.0	11.26	AV	0.00	100	Vertical	Pass
4	6627.800	55.36	0.15	74.0	18.64	Peak	202.00	400	Vertical	Pass
4**	6627.800	46.31	0.15	54.0	7.69	AV	202.00	400	Vertical	Pass
5	13318.575	55.53	0.90	74.0	18.47	Peak	120.00	150	Vertical	Pass
5**	13318.575	46.66	0.90	54.0	7.34	AV	120.00	150	Vertical	Pass
6	17436.412	56.35	3.20	74.0	17.65	Peak	141.00	300	Vertical	Pass
6**	17436.412	46.57	3.20	54.0	7.43	AV	141.00	300	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	1328.700	43.24	-17.08	74.0	30.76	Peak	113.00	300	Horizontal	Pass
1**	1328.700	32.56	-17.08	54.0	21.44	AV	113.00	300	Horizontal	Pass
2	2438.200	104.85	-12.20	74.0	-30.85	Peak	220.00	150	Horizontal	N/A
2**	2438.200	97.21	-12.20	54.0	-43.21	AV	220.00	150	Horizontal	N/A
3	4886.600	51.95	-2.68	74.0	22.05	Peak	200.00	150	Horizontal	Pass
3**	4886.600	41.71	-2.68	54.0	12.29	AV	200.00	150	Horizontal	Pass
4	6804.800	54.99	1.81	74.0	19.01	Peak	55.00	300	Horizontal	Pass
4**	6804.800	46.03	1.81	54.0	7.97	AV	55.00	300	Horizontal	Pass
5	13289.175	55.66	0.78	74.0	18.34	Peak	216.00	150	Horizontal	Pass
5**	13289.175	47.33	0.78	54.0	6.67	AV	216.00	150	Horizontal	Pass
6	17428.275	56.64	3.51	74.0	17.36	Peak	173.00	300	Horizontal	Pass
6**	17428.275	47.67	3.51	54.0	6.33	AV	173.00	300	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	1163.300	46.94	-17.59	74.0	27.06	Peak	63.00	200	Vertical	Pass
1**	1163.300	30.62	-17.59	54.0	23.38	AV	63.00	200	Vertical	Pass
2	2438.300	99.98	-12.22	74.0	-25.98	Peak	109.00	150	Vertical	N/A
2**	2438.300	92.46	-12.22	54.0	-38.46	AV	109.00	150	Vertical	N/A
3	4858.000	51.81	-2.73	74.0	22.19	Peak	356.00	200	Vertical	Pass
3**	4858.000	42.18	-2.73	54.0	11.82	AV	356.00	200	Vertical	Pass
4	6843.200	54.54	0.84	74.0	19.46	Peak	281.00	300	Vertical	Pass
4**	6843.200	44.69	0.84	54.0	9.31	AV	281.00	300	Vertical	Pass
5	13329.338	56.26	0.93	74.0	17.74	Peak	41.00	150	Vertical	Pass
5**	13329.338	46.38	0.93	54.0	7.62	AV	41.00	150	Vertical	Pass
6	15664.538	56.74	1.33	74.0	17.26	Peak	360.00	400	Vertical	Pass
6**	15664.538	47.43	1.33	54.0	6.57	AV	360.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1484.300	40.45	-16.82	74.0	33.55	Peak	122.00	200	Horizontal	Pass
1**	1484.300	30.19	-16.82	54.0	23.81	AV	122.00	200	Horizontal	Pass
2	2463.300	101.41	-11.79	74.0	-27.41	Peak	258.00	200	Horizontal	N/A
2**	2463.300	94.31	-11.79	54.0	-40.31	AV	258.00	200	Horizontal	N/A
3	4972.000	51.88	-1.60	74.0	22.12	Peak	217.00	150	Horizontal	Pass
3**	4972.000	42.71	-1.60	54.0	11.29	AV	217.00	150	Horizontal	Pass
4	6627.200	55.02	0.20	74.0	18.98	Peak	316.00	400	Horizontal	Pass
4**	6627.200	44.78	0.20	54.0	9.22	AV	316.00	400	Horizontal	Pass
5	13426.987	56.08	0.40	74.0	17.92	Peak	348.00	150	Horizontal	Pass
5**	13426.987	46.95	0.40	54.0	7.05	AV	348.00	150	Horizontal	Pass
6	15802.875	56.54	2.30	74.0	17.46	Peak	360.00	300	Horizontal	Pass
6**	15802.875	46.99	2.30	54.0	7.01	AV	360.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1327.300	46.00	-17.07	74.0	28.00	Peak	81.00	400	Vertical	Pass
1**	1327.300	33.10	-17.07	54.0	20.90	AV	81.00	400	Vertical	Pass
2	2469.000	95.63	-11.69	74.0	-21.63	Peak	113.00	100	Vertical	N/A
2**	2469.000	87.95	-11.69	54.0	-33.95	AV	113.00	100	Vertical	N/A
3	4504.800	50.52	-2.95	74.0	23.48	Peak	8.00	150	Vertical	Pass
3**	4504.800	40.85	-2.95	54.0	13.15	AV	8.00	150	Vertical	Pass
4	6806.600	55.12	2.28	74.0	18.88	Peak	294.00	100	Vertical	Pass
4**	6806.600	46.99	2.28	54.0	7.01	AV	294.00	100	Vertical	Pass
5	13328.550	55.17	0.93	74.0	18.83	Peak	360.00	150	Vertical	Pass
5**	13328.550	47.79	0.93	54.0	6.21	AV	360.00	150	Vertical	Pass
6	17416.989	56.30	3.69	74.0	17.70	Peak	121.00	400	Vertical	Pass
6**	17416.989	47.04	3.69	54.0	6.96	AV	121.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1332.800	41.06	-17.13	74.0	32.94	Peak	182.00	100	Horizontal	Pass
1**	1332.800	31.07	-17.13	54.0	22.93	AV	182.00	100	Horizontal	Pass
2	2414.500	102.33	-10.88	74.0	-28.33	Peak	293.00	200	Horizontal	N/A
2**	2414.500	94.67	-10.88	54.0	-40.67	AV	293.00	200	Horizontal	N/A
3	4841.000	51.60	-2.72	74.0	22.40	Peak	284.00	150	Horizontal	Pass
3**	4841.000	41.75	-2.72	54.0	12.25	AV	284.00	150	Horizontal	Pass
4	6789.600	55.04	0.65	74.0	18.96	Peak	73.00	200	Horizontal	Pass
4**	6789.600	45.38	0.65	54.0	8.62	AV	73.00	200	Horizontal	Pass
5	13412.025	55.89	0.47	74.0	18.11	Peak	261.00	150	Horizontal	Pass
5**	13412.025	46.67	0.47	54.0	7.33	AV	261.00	150	Horizontal	Pass
6	15560.063	56.11	1.09	74.0	17.89	Peak	360.00	300	Horizontal	Pass
6**	15560.063	45.30	1.09	54.0	8.70	AV	360.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1161.600	43.69	-17.66	74.0	30.31	Peak	32.00	400	Vertical	Pass
1**	1161.600	34.73	-17.66	54.0	19.27	AV	32.00	400	Vertical	Pass
2	2415.000	96.92	-11.05	74.0	-22.92	Peak	110.00	200	Vertical	N/A
2**	2415.000	89.55	-11.05	54.0	-35.55	AV	110.00	200	Vertical	N/A
3	4990.200	51.59	-2.53	74.0	22.41	Peak	224.00	150	Vertical	Pass
3**	4990.200	42.27	-2.53	54.0	11.73	AV	224.00	150	Vertical	Pass
4	6806.600	54.78	2.28	74.0	19.22	Peak	298.00	300	Vertical	Pass
4**	6806.600	46.27	2.28	54.0	7.73	AV	298.00	300	Vertical	Pass
5	13296.525	55.79	0.84	74.0	18.21	Peak	69.00	150	Vertical	Pass
5**	13296.525	45.80	0.84	54.0	8.20	AV	69.00	150	Vertical	Pass
6	16085.588	56.28	1.52	74.0	17.72	Peak	45.00	100	Vertical	Pass
6**	16085.588	46.37	1.52	54.0	7.63	AV	45.00	100	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	1332.900	41.97	-17.13	74.0	32.03	Peak	173.00	400	Horizontal	Pass
1**	1332.900	31.30	-17.13	54.0	22.70	AV	173.00	400	Horizontal	Pass
2	2444.300	101.52	-12.48	74.0	-27.52	Peak	216.00	150	Horizontal	N/A
2**	2444.300	94.64	-12.48	54.0	-40.64	AV	216.00	150	Horizontal	N/A
3	4665.600	51.71	-2.48	74.0	22.29	Peak	356.00	150	Horizontal	Pass
3**	4665.600	41.14	-2.48	54.0	12.86	AV	356.00	150	Horizontal	Pass
4	6665.200	54.69	-0.38	74.0	19.31	Peak	198.00	400	Horizontal	Pass
4**	6665.200	44.00	-0.38	54.0	10.00	AV	198.00	400	Horizontal	Pass
5	13384.200	55.34	0.63	74.0	18.66	Peak	56.00	150	Horizontal	Pass
5**	13384.200	45.58	0.63	54.0	8.42	AV	56.00	150	Horizontal	Pass
6	17178.375	56.54	0.62	74.0	17.46	Peak	88.00	100	Horizontal	Pass
6**	17178.375	47.20	0.62	54.0	6.80	AV	88.00	100	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	1333.600	46.20	-17.11	74.0	27.80	Peak	47.00	100	Vertical	Pass
1**	1333.600	33.09	-17.11	54.0	20.91	AV	47.00	100	Vertical	Pass
2	2438.500	96.11	-12.24	74.0	-22.11	Peak	113.00	150	Vertical	N/A
2**	2438.500	88.27	-12.24	54.0	-34.27	AV	113.00	150	Vertical	N/A
3	4387.600	50.59	-3.37	74.0	23.41	Peak	80.00	150	Vertical	Pass
3**	4387.600	40.55	-3.37	54.0	13.45	AV	80.00	150	Vertical	Pass
4	6150.200	54.97	-0.02	74.0	19.03	Peak	105.00	200	Vertical	Pass
4**	6150.200	44.31	-0.02	54.0	9.69	AV	105.00	200	Vertical	Pass
5	13314.900	55.13	0.88	74.0	18.87	Peak	148.00	150	Vertical	Pass
5**	13314.900	47.19	0.88	54.0	6.81	AV	148.00	150	Vertical	Pass
6	17418.824	56.96	3.73	74.0	17.04	Peak	348.00	300	Vertical	Pass
6**	17418.824	47.41	3.73	54.0	6.59	AV	348.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1327.900	42.57	-17.09	74.0	31.43	Peak	122.00	100	Horizontal	Pass
1**	1327.900	29.51	-17.09	54.0	24.49	AV	122.00	100	Horizontal	Pass
2	2448.400	102.23	-12.26	74.0	-28.23	Peak	218.00	150	Horizontal	N/A
2**	2448.400	94.96	-12.26	54.0	-40.96	AV	218.00	150	Horizontal	N/A
3	4574.000	50.94	-3.77	74.0	23.06	Peak	305.00	150	Horizontal	Pass
3**	4574.000	40.41	-3.77	54.0	13.59	AV	305.00	150	Horizontal	Pass
4	6653.200	54.94	-0.47	74.0	19.06	Peak	170.00	400	Horizontal	Pass
4**	6653.200	44.75	-0.47	54.0	9.25	AV	170.00	400	Horizontal	Pass
5	13320.674	56.32	0.91	74.0	17.68	Peak	192.00	150	Horizontal	Pass
5**	13320.674	46.89	0.91	54.0	7.11	AV	192.00	150	Horizontal	Pass
6	17474.474	56.38	2.83	74.0	17.62	Peak	297.00	400	Horizontal	Pass
6**	17474.474	47.07	2.83	54.0	6.93	AV	297.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1164.000	44.62	-17.58	74.0	29.38	Peak	63.00	300	Vertical	Pass
1**	1164.000	31.98	-17.58	54.0	22.02	AV	63.00	300	Vertical	Pass
2	2446.800	95.93	-12.53	74.0	-21.93	Peak	360.00	200	Vertical	N/A
2**	2446.800	88.81	-12.53	54.0	-34.81	AV	360.00	200	Vertical	N/A
3	5099.800	52.49	-1.98	74.0	21.51	Peak	157.00	150	Vertical	Pass
3**	5099.800	43.16	-1.98	54.0	10.84	AV	157.00	150	Vertical	Pass
4	6583.200	54.65	-1.21	74.0	19.35	Peak	231.00	200	Vertical	Pass
4**	6583.200	44.33	-1.21	54.0	9.67	AV	231.00	200	Vertical	Pass
5	13299.675	55.78	0.86	74.0	18.22	Peak	328.00	150	Vertical	Pass
5**	13299.675	46.75	0.86	54.0	7.25	AV	328.00	150	Vertical	Pass
6	15848.025	56.51	1.35	74.0	17.49	Peak	257.00	100	Vertical	Pass
6**	15848.025	47.48	1.35	54.0	6.52	AV	257.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1331.400	43.67	-17.04	74.0	30.33	Peak	166.00	300	Horizontal	Pass
1**	1331.400	30.44	-17.04	54.0	23.56	AV	166.00	300	Horizontal	Pass
2	2410.800	106.26	-10.57	74.0	-32.26	Peak	245.00	100	Horizontal	N/A
2**	2410.800	97.84	-10.57	54.0	-43.84	AV	245.00	100	Horizontal	N/A
3	4829.400	51.72	-2.54	74.0	22.28	Peak	200.00	200	Horizontal	Pass
3**	4829.400	42.30	-2.54	54.0	11.70	AV	200.00	200	Horizontal	Pass
4	6569.000	54.38	-1.18	74.0	19.62	Peak	360.00	100	Horizontal	Pass
4**	6569.000	44.62	-1.18	54.0	9.38	AV	360.00	100	Horizontal	Pass
5	13437.750	55.66	0.45	74.0	18.34	Peak	311.00	150	Horizontal	Pass
5**	13437.750	46.71	0.45	54.0	7.29	AV	311.00	150	Horizontal	Pass
6	17189.136	56.41	0.37	74.0	17.59	Peak	99.00	200	Horizontal	Pass
6**	17189.136	47.89	0.37	54.0	6.11	AV	99.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1034.600	48.04	-17.73	74.0	25.96	Peak	261.00	200	Vertical	Pass
1**	1034.600	34.92	-17.73	54.0	19.08	AV	261.00	200	Vertical	Pass
2	2413.600	100.01	-10.75	74.0	-26.01	Peak	110.00	200	Vertical	N/A
2**	2413.600	92.49	-10.75	54.0	-38.49	AV	110.00	200	Vertical	N/A
3	4844.800	51.72	-2.58	74.0	22.28	Peak	313.00	100	Vertical	Pass
3**	4844.800	42.39	-2.58	54.0	11.61	AV	313.00	100	Vertical	Pass
4	6806.200	54.53	2.26	74.0	19.47	Peak	68.00	100	Vertical	Pass
4**	6806.200	46.10	2.26	54.0	7.90	AV	68.00	100	Vertical	Pass
5	13299.675	56.31	0.86	74.0	17.69	Peak	185.00	150	Vertical	Pass
5**	13299.675	46.30	0.86	54.0	7.70	AV	185.00	150	Vertical	Pass
6	17459.775	56.70	2.84	74.0	17.30	Peak	316.00	300	Vertical	Pass
6**	17459.775	46.95	2.84	54.0	7.05	AV	316.00	300	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	1328.900	42.22	-17.07	74.0	31.78	Peak	163.00	100	Horizontal	Pass
1**	1328.900	31.44	-17.07	54.0	22.56	AV	163.00	100	Horizontal	Pass
2	2443.500	105.51	-12.43	74.0	-31.51	Peak	222.00	150	Horizontal	N/A
2**	2443.500	97.02	-12.43	54.0	-43.02	AV	222.00	150	Horizontal	N/A
3	4803.400	51.85	-2.91	74.0	22.15	Peak	57.00	150	Horizontal	Pass
3**	4803.400	42.51	-2.91	54.0	11.49	AV	57.00	150	Horizontal	Pass
4	5964.200	54.71	-0.42	74.0	19.29	Peak	72.00	300	Horizontal	Pass
4**	5964.200	44.61	-0.42	54.0	9.39	AV	72.00	300	Horizontal	Pass
5	13399.950	56.12	0.53	74.0	17.88	Peak	19.00	150	Horizontal	Pass
5**	13399.950	46.46	0.53	54.0	7.54	AV	19.00	150	Horizontal	Pass
6	16111.575	56.58	0.74	74.0	17.42	Peak	279.00	400	Horizontal	Pass
6**	16111.575	46.09	0.74	54.0	7.91	AV	279.00	400	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	1328.200	46.48	-17.09	74.0	27.52	Peak	117.00	300	Vertical	Pass
1**	1328.200	38.20	-17.09	54.0	15.80	AV	117.00	300	Vertical	Pass
2	2440.300	101.14	-12.39	74.0	-27.14	Peak	111.00	200	Vertical	N/A
2**	2440.300	91.77	-12.39	54.0	-37.77	AV	111.00	200	Vertical	N/A
3	4973.000	51.64	-1.64	74.0	22.36	Peak	7.00	100	Vertical	Pass
3**	4973.000	42.23	-1.64	54.0	11.77	AV	7.00	100	Vertical	Pass
4	6806.800	55.61	2.22	74.0	18.39	Peak	64.00	300	Vertical	Pass
4**	6806.800	46.32	2.22	54.0	7.68	AV	64.00	300	Vertical	Pass
5	13413.862	55.56	0.43	74.0	18.44	Peak	0.00	150	Vertical	Pass
5**	13413.862	46.73	0.43	54.0	7.27	AV	0.00	150	Vertical	Pass
6	17470.276	56.32	2.90	74.0	17.68	Peak	98.00	400	Vertical	Pass
6**	17470.276	46.84	2.90	54.0	7.16	AV	98.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	43.00	-17.03	74.0	31.00	Peak	113.00	200	Horizontal	Pass
1**	1329.500	31.08	-17.03	54.0	22.92	AV	113.00	200	Horizontal	Pass
2	2461.000	102.64	-12.06	74.0	-28.64	Peak	302.00	200	Horizontal	N/A
2**	2461.000	93.31	-12.06	54.0	-39.31	AV	302.00	200	Horizontal	N/A
3	4975.800	51.85	-1.82	74.0	22.15	Peak	81.00	150	Horizontal	Pass
3**	4975.800	42.12	-1.82	54.0	11.88	AV	81.00	150	Horizontal	Pass
4	6635.800	54.76	-0.73	74.0	19.24	Peak	81.00	300	Horizontal	Pass
4**	6635.800	43.89	-0.73	54.0	10.11	AV	81.00	300	Horizontal	Pass
5	13314.638	56.06	0.88	74.0	17.94	Peak	201.00	150	Horizontal	Pass
5**	13314.638	46.67	0.88	54.0	7.33	AV	201.00	150	Horizontal	Pass
6	17471.588	56.53	2.88	74.0	17.47	Peak	201.00	200	Horizontal	Pass
6**	17471.588	47.46	2.88	54.0	6.54	AV	201.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	45.13	-17.09	74.0	28.87	Peak	42.00	200	Vertical	Pass
1**	1328.200	36.27	-17.09	54.0	17.73	AV	42.00	200	Vertical	Pass
2	2469.100	97.70	-11.68	74.0	-23.70	Peak	109.00	150	Vertical	N/A
2**	2469.100	88.16	-11.68	54.0	-34.16	AV	109.00	150	Vertical	N/A
3	5391.600	53.57	-1.95	74.0	20.43	Peak	194.00	150	Vertical	Pass
3**	5391.600	44.71	-1.95	54.0	9.29	AV	194.00	150	Vertical	Pass
4	6842.400	54.99	0.97	74.0	19.01	Peak	205.00	400	Vertical	Pass
4**	6842.400	45.58	0.97	54.0	8.42	AV	205.00	400	Vertical	Pass
5	13431.187	55.92	0.40	74.0	18.08	Peak	129.00	150	Vertical	Pass
5**	13431.187	46.80	0.40	54.0	7.20	AV	129.00	150	Vertical	Pass
6	17391.788	56.07	2.92	74.0	17.93	Peak	300.00	150	Vertical	Pass
6**	17391.788	46.84	2.92	54.0	7.16	AV	300.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 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	1333.500	41.81	-17.11	74.0	32.19	Peak	174.00	200	Horizontal	Pass
1**	1333.500	29.93	-17.11	54.0	24.07	AV	174.00	200	Horizontal	Pass
2	2414.400	103.25	-10.85	74.0	-29.25	Peak	247.00	100	Horizontal	N/A
2**	2414.400	93.75	-10.85	54.0	-39.75	AV	247.00	100	Horizontal	N/A
3	4807.200	51.55	-2.34	74.0	22.45	Peak	155.00	150	Horizontal	Pass
3**	4807.200	42.14	-2.34	54.0	11.86	AV	155.00	150	Horizontal	Pass
4	6611.800	54.74	0.60	74.0	19.26	Peak	121.00	300	Horizontal	Pass
4**	6611.800	45.53	0.60	54.0	8.47	AV	121.00	300	Horizontal	Pass
5	10501.175	51.60	-0.88	74.0	22.40	Peak	64.00	150	Horizontal	Pass
5**	10501.175	42.08	-0.88	54.0	11.92	AV	64.00	150	Horizontal	Pass
6	13424.625	56.72	0.40	74.0	17.28	Peak	228.00	300	Horizontal	Pass
6**	13424.625	47.08	0.40	54.0	6.92	AV	228.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 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	1162.600	47.23	-17.60	74.0	26.77	Peak	66.00	400	Vertical	Pass
1**	1162.600	30.31	-17.60	54.0	23.69	AV	66.00	400	Vertical	Pass
2	2419.200	98.38	-12.01	74.0	-24.38	Peak	360.00	150	Vertical	N/A
2**	2419.200	88.07	-12.01	54.0	-34.07	AV	360.00	150	Vertical	N/A
3	4923.400	51.40	-2.44	74.0	22.60	Peak	30.00	100	Vertical	Pass
3**	4923.400	42.01	-2.44	54.0	11.99	AV	30.00	100	Vertical	Pass
4	6808.400	54.36	1.69	74.0	19.64	Peak	41.00	200	Vertical	Pass
4**	6808.400	45.27	1.69	54.0	8.73	AV	41.00	200	Vertical	Pass
5	13320.150	55.84	0.91	74.0	18.16	Peak	341.00	150	Vertical	Pass
5**	13320.150	46.11	0.91	54.0	7.89	AV	341.00	150	Vertical	Pass
6	17430.637	57.25	3.43	74.0	16.75	Peak	99.00	200	Vertical	Pass
6**	17430.637	47.07	3.43	54.0	6.93	AV	99.00	200	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	1331.900	43.70	-17.08	74.0	30.30	Peak	111.00	100	Horizontal	Pass
1**	1331.900	30.81	-17.08	54.0	23.19	AV	111.00	100	Horizontal	Pass
2	2448.000	104.06	-12.30	74.0	-30.06	Peak	218.00	150	Horizontal	N/A
2**	2448.000	94.09	-12.30	54.0	-40.09	AV	218.00	150	Horizontal	N/A
3	4785.800	51.68	-2.96	74.0	22.32	Peak	170.00	150	Horizontal	Pass
3**	4785.800	41.80	-2.96	54.0	12.20	AV	170.00	150	Horizontal	Pass
4	6609.200	54.52	0.39	74.0	19.48	Peak	207.00	200	Horizontal	Pass
4**	6609.200	45.72	0.39	54.0	8.28	AV	207.00	200	Horizontal	Pass
5	10138.925	51.97	0.01	74.0	22.03	Peak	154.00	150	Horizontal	Pass
5**	10138.925	42.47	0.01	54.0	11.53	AV	154.00	150	Horizontal	Pass
6	13421.475	56.19	0.40	74.0	17.81	Peak	138.00	300	Horizontal	Pass
6**	13421.475	46.94	0.40	54.0	7.06	AV	138.00	300	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	1330.700	47.06	-16.99	74.0	26.94	Peak	57.00	200	Vertical	Pass
1**	1330.700	37.05	-16.99	54.0	16.95	AV	57.00	200	Vertical	Pass
2	2435.700	96.71	-12.14	74.0	-22.71	Peak	113.00	200	Vertical	N/A
2**	2435.700	87.59	-12.14	54.0	-33.59	AV	113.00	200	Vertical	N/A
3	4972.000	52.20	-1.60	74.0	21.80	Peak	186.00	150	Vertical	Pass
3**	4972.000	42.13	-1.60	54.0	11.87	AV	186.00	150	Vertical	Pass
4	6625.800	54.84	0.29	74.0	19.16	Peak	166.00	400	Vertical	Pass
4**	6625.800	45.25	0.29	54.0	8.75	AV	166.00	400	Vertical	Pass
5	13320.937	55.57	0.91	74.0	18.43	Peak	117.00	150	Vertical	Pass
5**	13320.937	46.91	0.91	54.0	7.09	AV	117.00	150	Vertical	Pass
6	17471.324	56.45	2.88	74.0	17.55	Peak	36.00	300	Vertical	Pass
6**	17471.324	46.74	2.88	54.0	7.26	AV	36.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	44.48	-17.04	74.0	29.52	Peak	170.00	100	Horizontal	Pass
1**	1331.400	33.54	-17.04	54.0	20.46	AV	170.00	100	Horizontal	Pass
2	2445.900	104.03	-12.64	74.0	-30.03	Peak	274.00	200	Horizontal	N/A
2**	2445.900	95.82	-12.64	54.0	-41.82	AV	274.00	200	Horizontal	N/A
3	4687.600	51.06	-2.65	74.0	22.94	Peak	201.00	150	Horizontal	Pass
3**	4687.600	41.50	-2.65	54.0	12.50	AV	201.00	150	Horizontal	Pass
4	6898.800	54.31	-0.37	74.0	19.69	Peak	21.00	400	Horizontal	Pass
4**	6898.800	43.59	-0.37	54.0	10.41	AV	21.00	400	Horizontal	Pass
5	11066.112	52.26	-0.98	74.0	21.74	Peak	74.00	150	Horizontal	Pass
5**	11066.112	43.56	-0.98	54.0	10.44	AV	74.00	150	Horizontal	Pass
6	13422.262	56.61	0.40	74.0	17.39	Peak	16.00	400	Horizontal	Pass
6**	13422.262	46.14	0.40	54.0	7.86	AV	16.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.800	45.97	-17.58	74.0	28.03	Peak	62.00	100	Vertical	Pass
1**	1163.800	32.86	-17.58	54.0	21.14	AV	62.00	100	Vertical	Pass
2	2451.400	98.74	-12.23	74.0	-24.74	Peak	105.00	150	Vertical	N/A
2**	2451.400	88.20	-12.23	54.0	-34.20	AV	105.00	150	Vertical	N/A
3	5087.400	52.51	-1.80	74.0	21.49	Peak	305.00	150	Vertical	Pass
3**	5087.400	42.98	-1.80	54.0	11.02	AV	305.00	150	Vertical	Pass
4	6810.200	55.15	1.49	74.0	18.85	Peak	327.00	300	Vertical	Pass
4**	6810.200	45.07	1.49	54.0	8.93	AV	327.00	300	Vertical	Pass
5	13423.050	55.75	0.40	74.0	18.25	Peak	94.00	150	Vertical	Pass
5**	13423.050	47.29	0.40	54.0	6.71	AV	94.00	150	Vertical	Pass
6	15836.213	56.61	1.45	74.0	17.39	Peak	222.00	100	Vertical	Pass
6**	15836.213	46.67	1.45	54.0	7.33	AV	222.00	100	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.

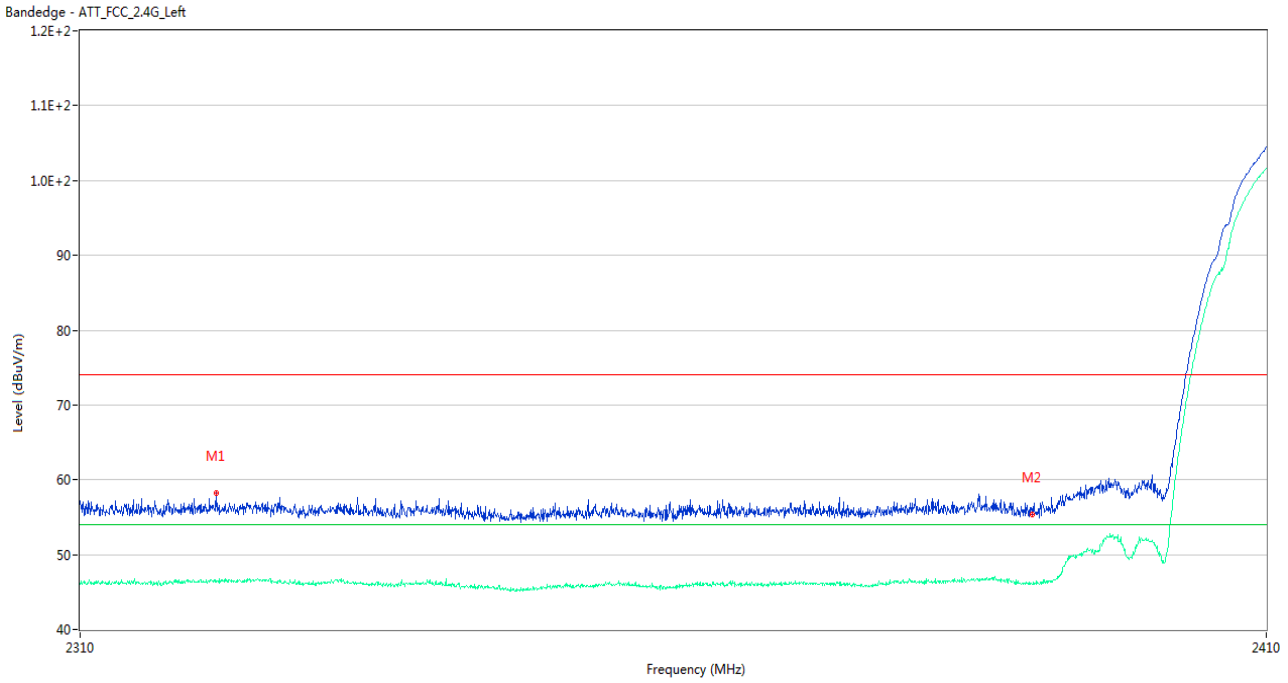
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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 antenna were tested, but only the worst case has been reported in this report.

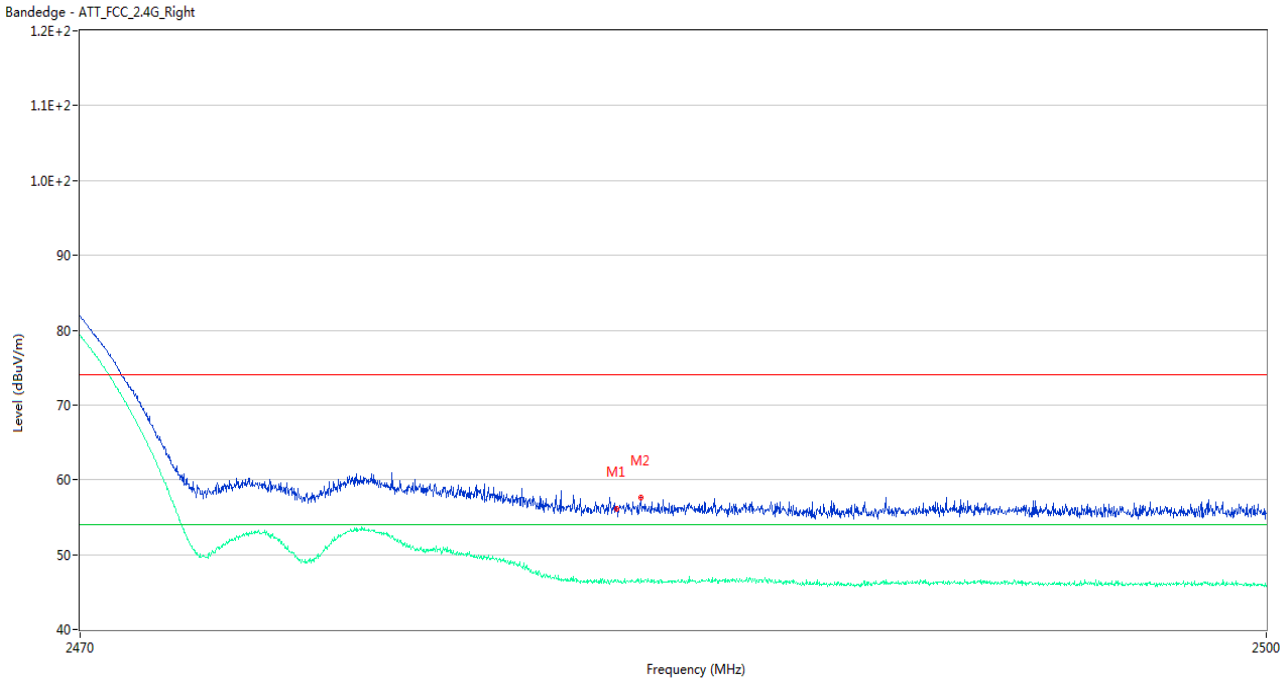
Test Data and Plots

802.11b LOW CHANNEL



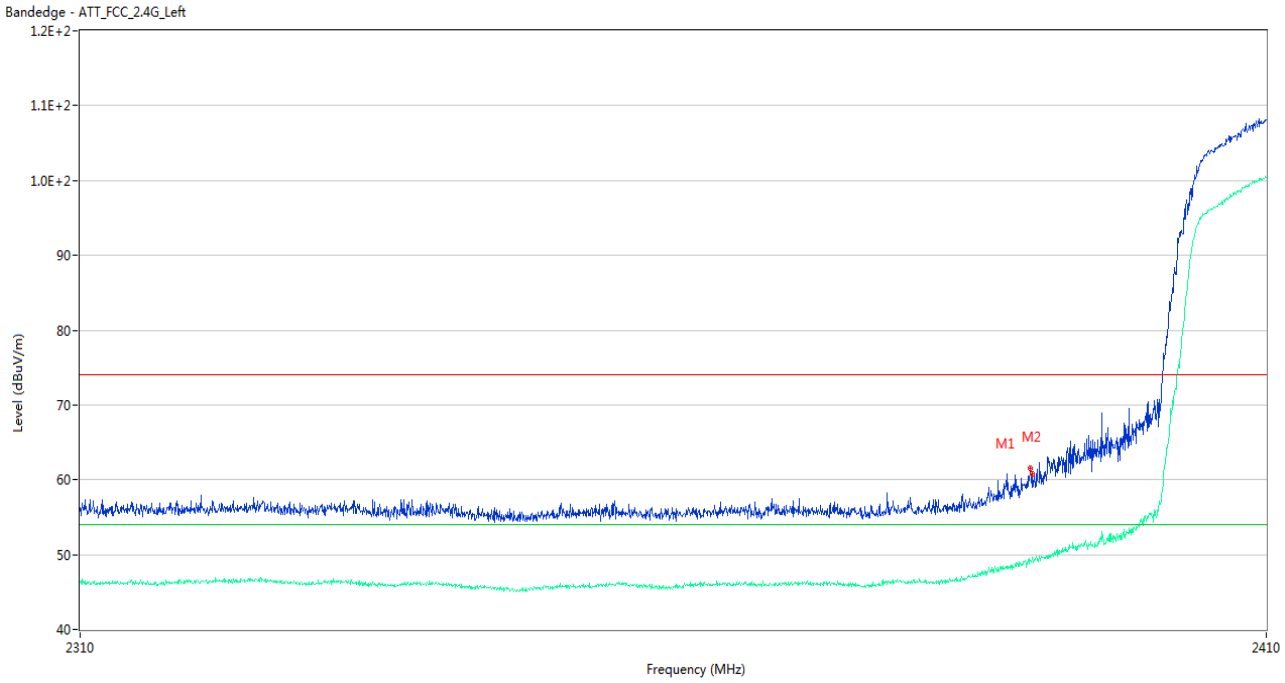
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2321.300	58.28	1.62	74.0	15.72	Peak	184.00	200	Horizontal	Pass
1**	2321.300	46.47	1.62	54.0	7.53	AV	184.00	200	Horizontal	Pass
2	2389.950	55.38	1.92	74.0	18.62	Peak	156.00	100	Horizontal	Pass
2**	2389.950	45.95	1.92	54.0	8.05	AV	156.00	100	Horizontal	Pass

802.11b HIGH CHANNEL



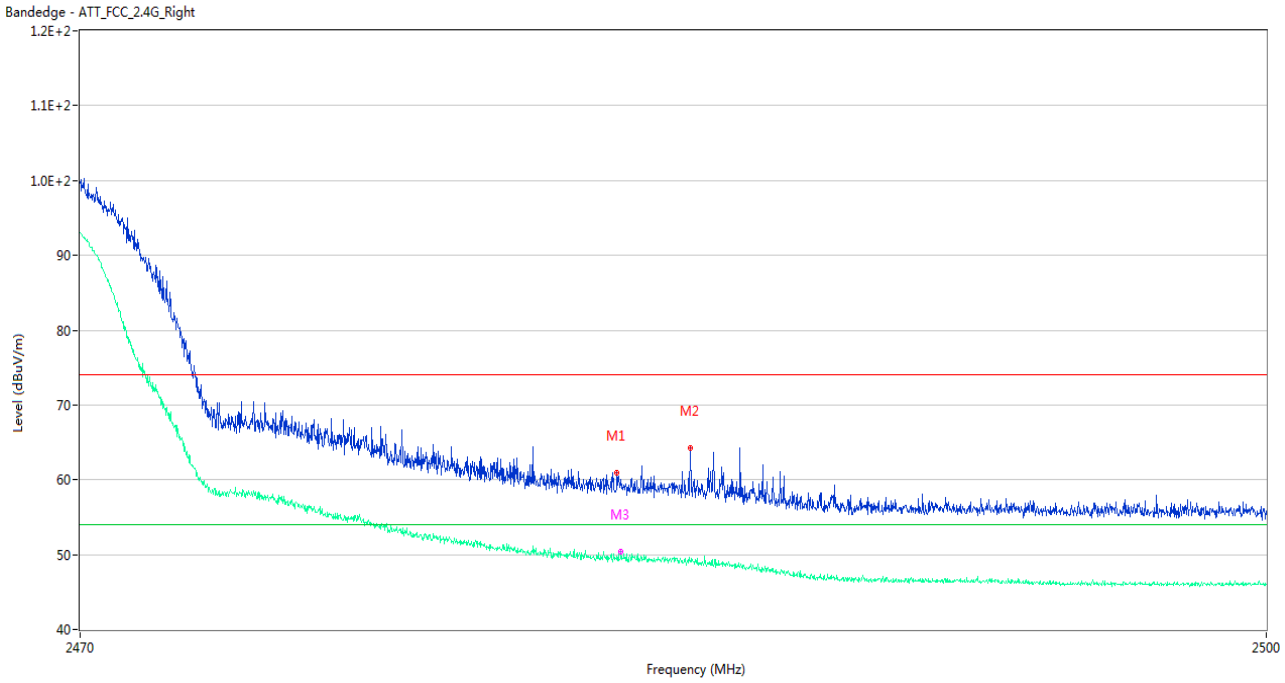
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	56.16	2.11	74.0	17.84	Peak	34.00	100	Horizontal	Pass
1**	2483.530	46.28	2.11	54.0	7.72	AV	34.00	100	Horizontal	Pass
2	2484.130	57.62	2.13	74.0	16.38	Peak	279.00	100	Horizontal	Pass
2**	2484.130	46.39	2.13	54.0	7.61	AV	279.00	100	Horizontal	Pass

802.11g LOW CHANNEL



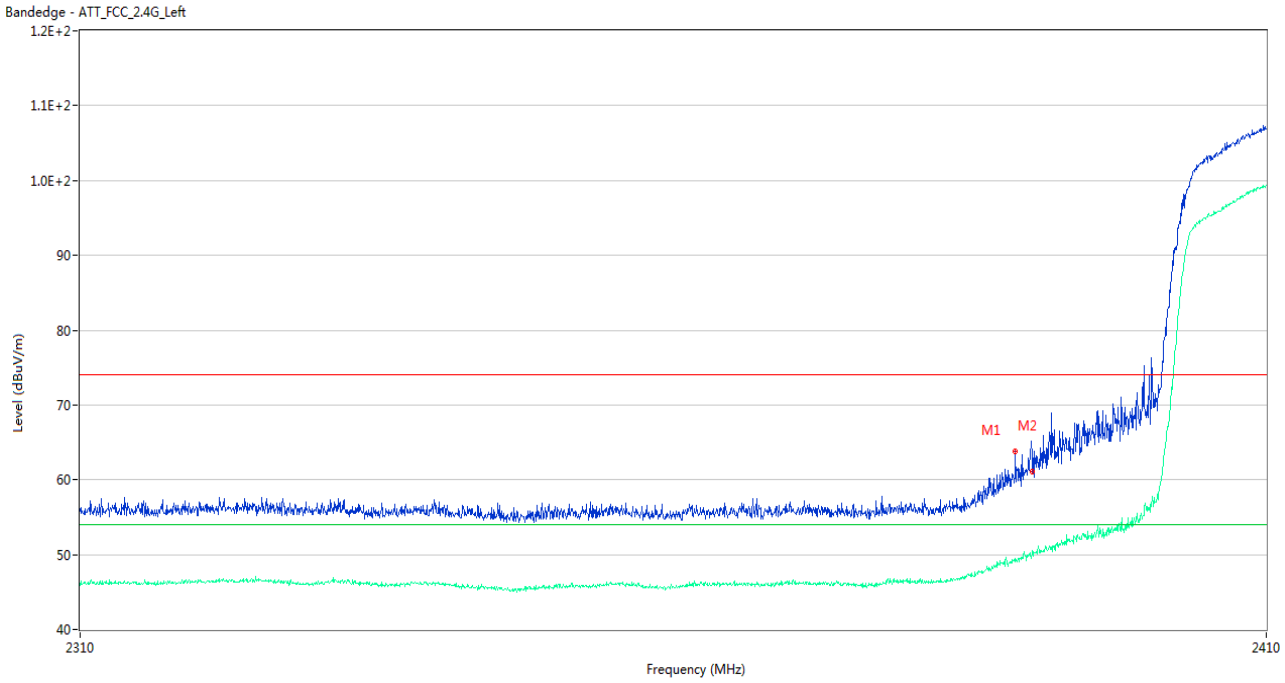
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.800	61.58	1.92	74.0	12.42	Peak	39.00	200	Horizontal	Pass
1**	2389.800	49.22	1.92	54.0	4.78	AV	39.00	200	Horizontal	Pass
2	2389.950	60.82	1.92	74.0	13.18	Peak	281.00	200	Horizontal	Pass
2**	2389.950	49.66	1.92	54.0	4.34	AV	281.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



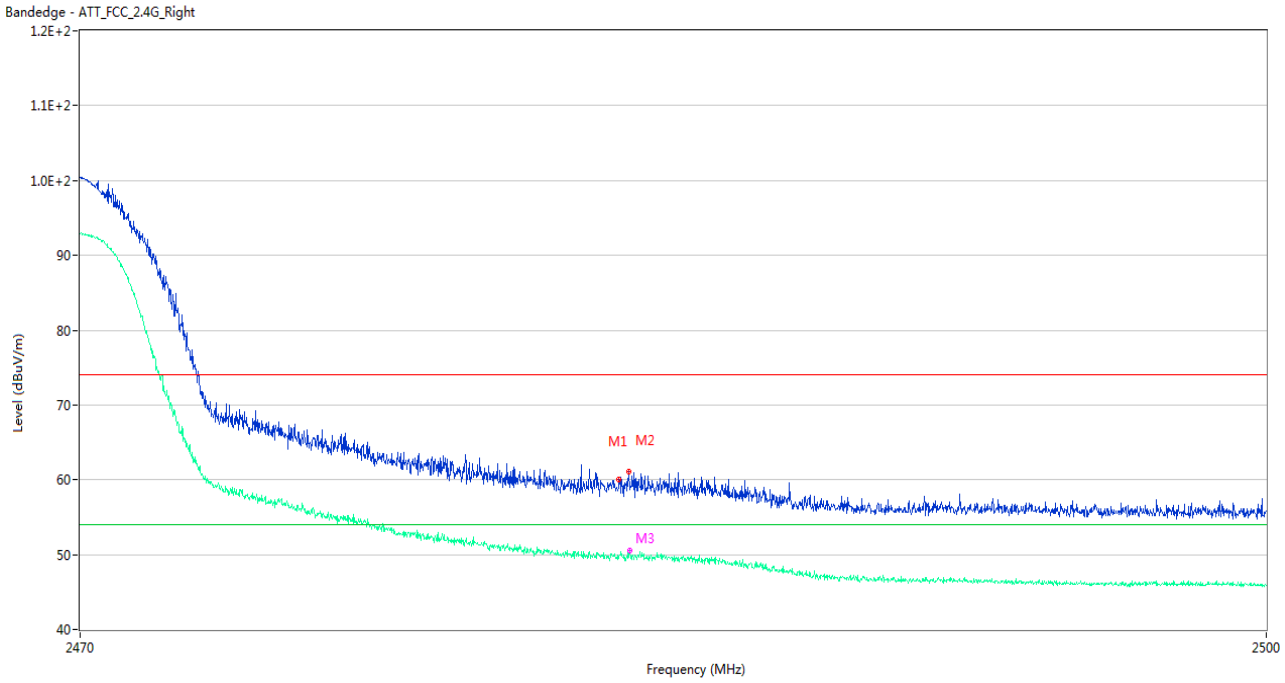
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	60.95	2.11	74.0	13.05	Peak	282.00	150	Horizontal	Pass
1**	2483.530	49.81	2.11	54.0	4.19	AV	282.00	150	Horizontal	Pass
2	2485.390	64.21	2.01	74.0	9.79	Peak	275.00	150	Horizontal	Pass
2**	2485.390	49.02	2.01	54.0	4.98	AV	275.00	150	Horizontal	Pass
3	2483.635	59.99	2.11	74.0	14.01	Peak	191.00	150	Horizontal	Pass
3**	2483.635	50.43	2.11	54.0	3.57	AV	191.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



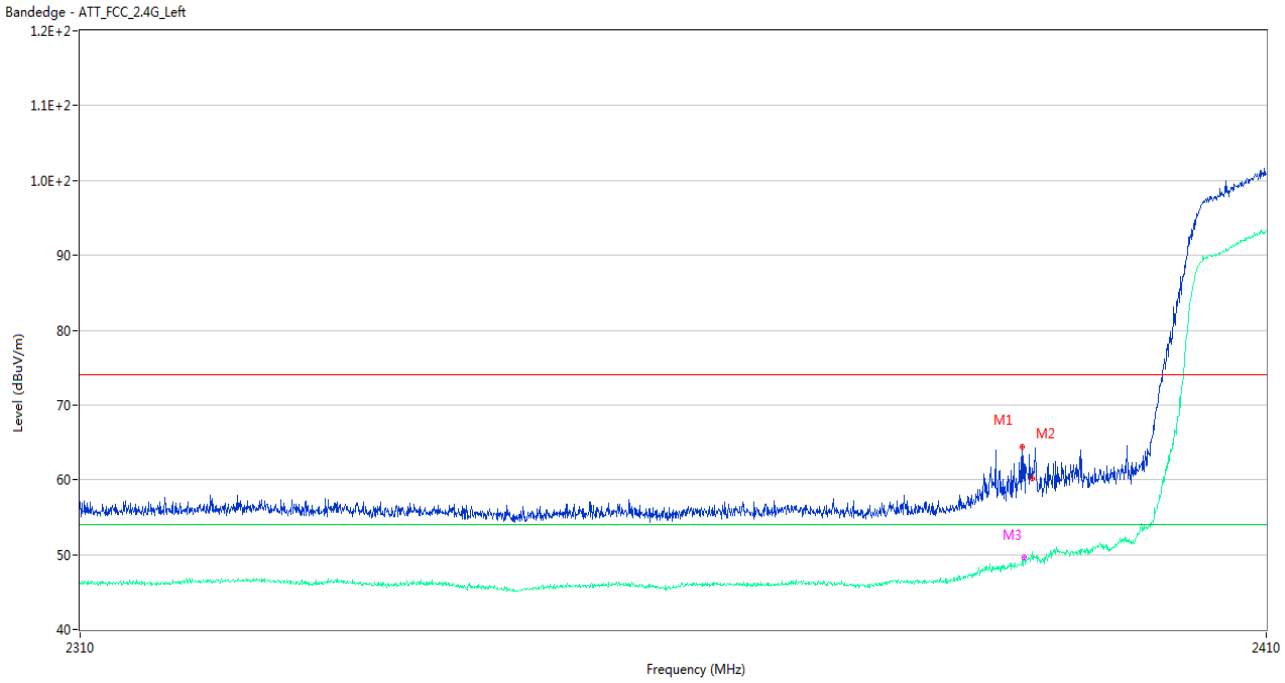
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.500	63.81	1.95	74.0	10.19	Peak	39.00	200	Horizontal	Pass
1**	2388.500	49.02	1.95	54.0	4.98	AV	39.00	200	Horizontal	Pass
2	2389.950	61.15	1.92	74.0	12.85	Peak	17.00	200	Horizontal	Pass
2**	2389.950	50.55	1.92	54.0	3.45	AV	17.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL



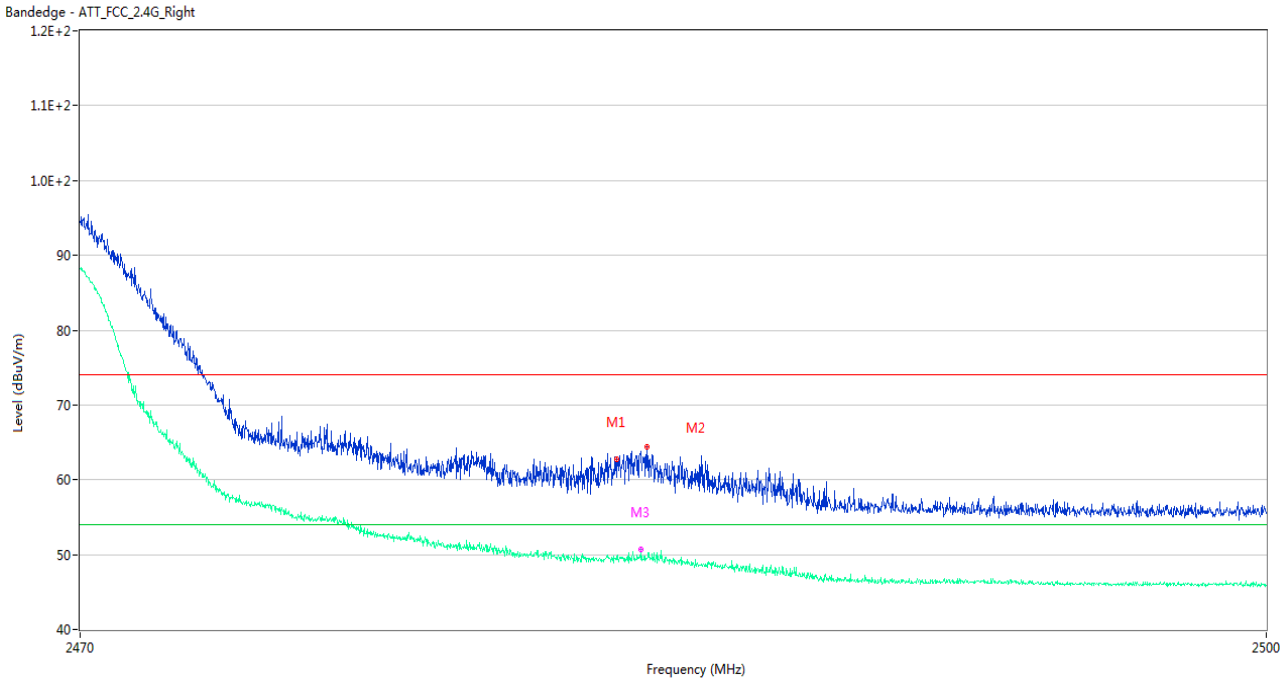
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	60.11	2.11	74.0	13.89	Peak	221.00	200	Horizontal	Pass
1**	2483.590	49.80	2.11	54.0	4.20	AV	221.00	200	Horizontal	Pass
2	2483.845	61.04	2.12	74.0	12.96	Peak	228.00	150	Horizontal	Pass
2**	2483.845	49.65	2.12	54.0	4.35	AV	228.00	150	Horizontal	Pass
3	2483.860	58.65	2.12	74.0	15.35	Peak	228.00	150	Horizontal	Pass
3**	2483.860	50.60	2.12	54.0	3.40	AV	228.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



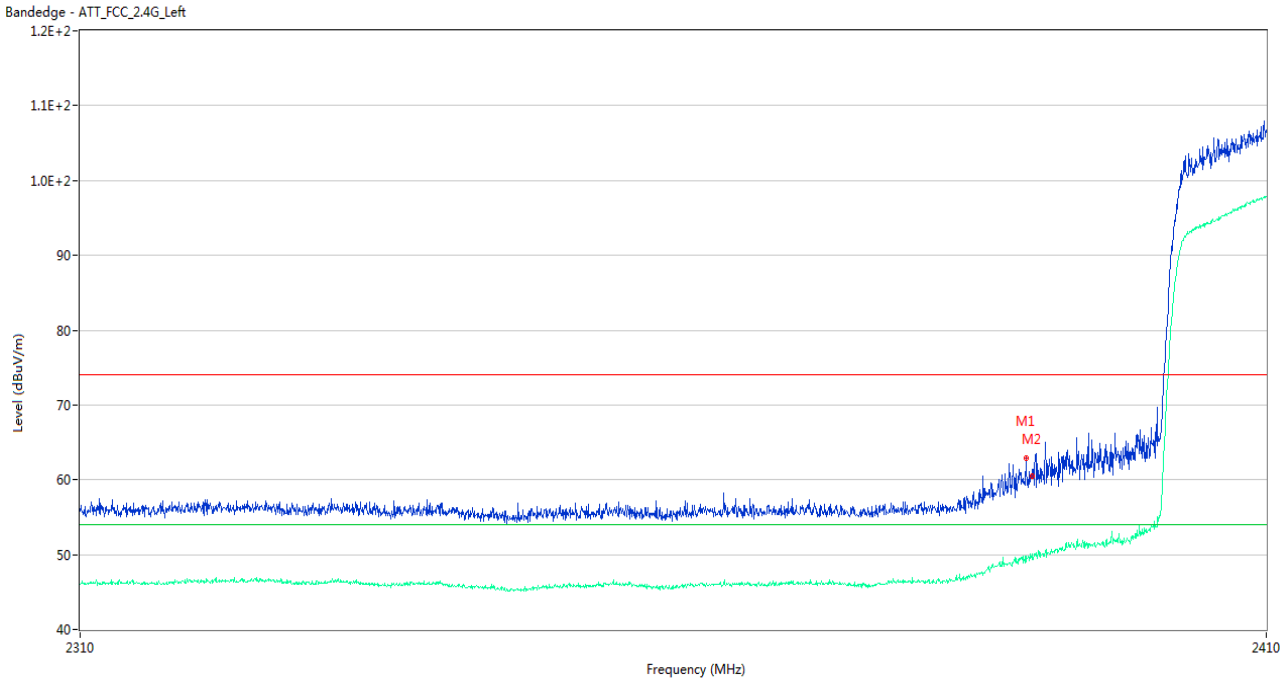
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.050	64.42	1.90	74.0	9.58	Peak	276.00	200	Horizontal	Pass
1**	2389.050	48.62	1.90	54.0	5.38	AV	276.00	200	Horizontal	Pass
2	2389.950	60.13	1.92	74.0	13.87	Peak	266.00	200	Horizontal	Pass
2**	2389.950	50.40	1.92	54.0	3.60	AV	266.00	200	Horizontal	Pass
3	2389.250	61.34	1.91	74.0	12.66	Peak	0.00	150	Horizontal	Pass
3**	2389.250	49.68	1.91	54.0	4.32	AV	0.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



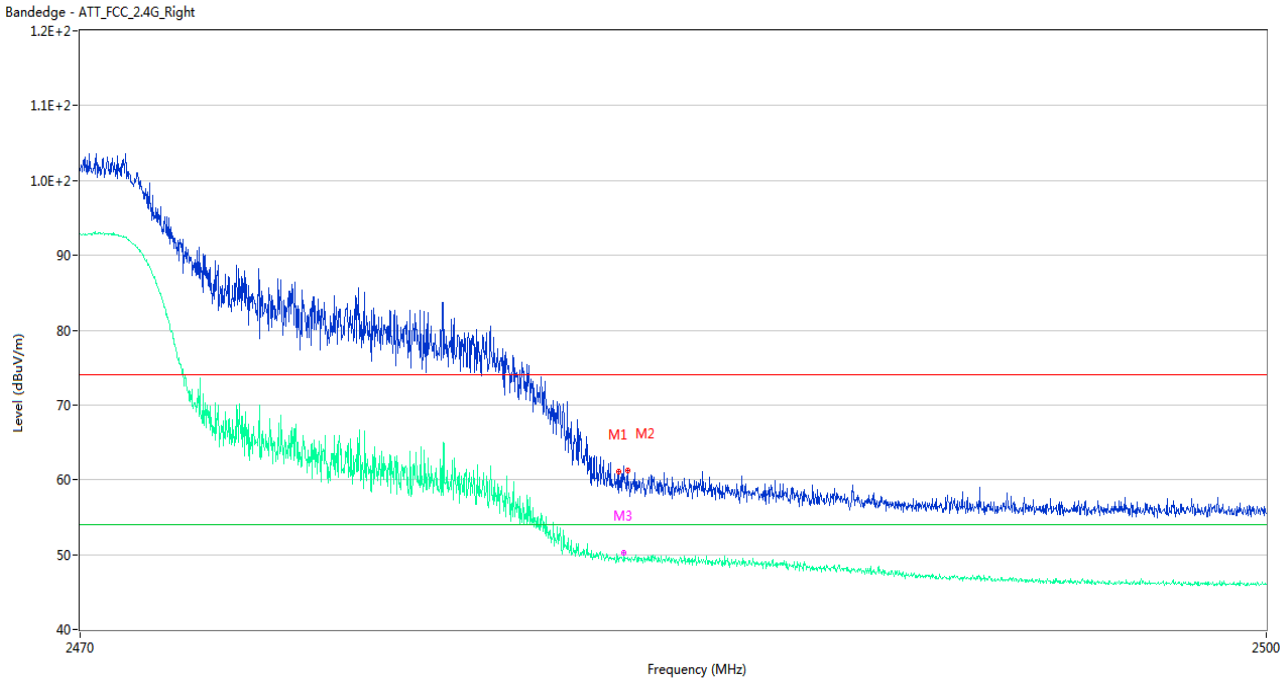
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	62.76	2.11	74.0	11.24	Peak	233.00	150	Horizontal	Pass
1**	2483.530	49.39	2.11	54.0	4.61	AV	233.00	150	Horizontal	Pass
2	2484.280	64.47	2.14	74.0	9.53	Peak	224.00	200	Horizontal	Pass
2**	2484.280	49.42	2.14	54.0	4.58	AV	224.00	200	Horizontal	Pass
3	2484.145	62.80	2.13	74.0	11.20	Peak	236.00	150	Horizontal	Pass
3**	2484.145	50.65	2.13	54.0	3.35	AV	236.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



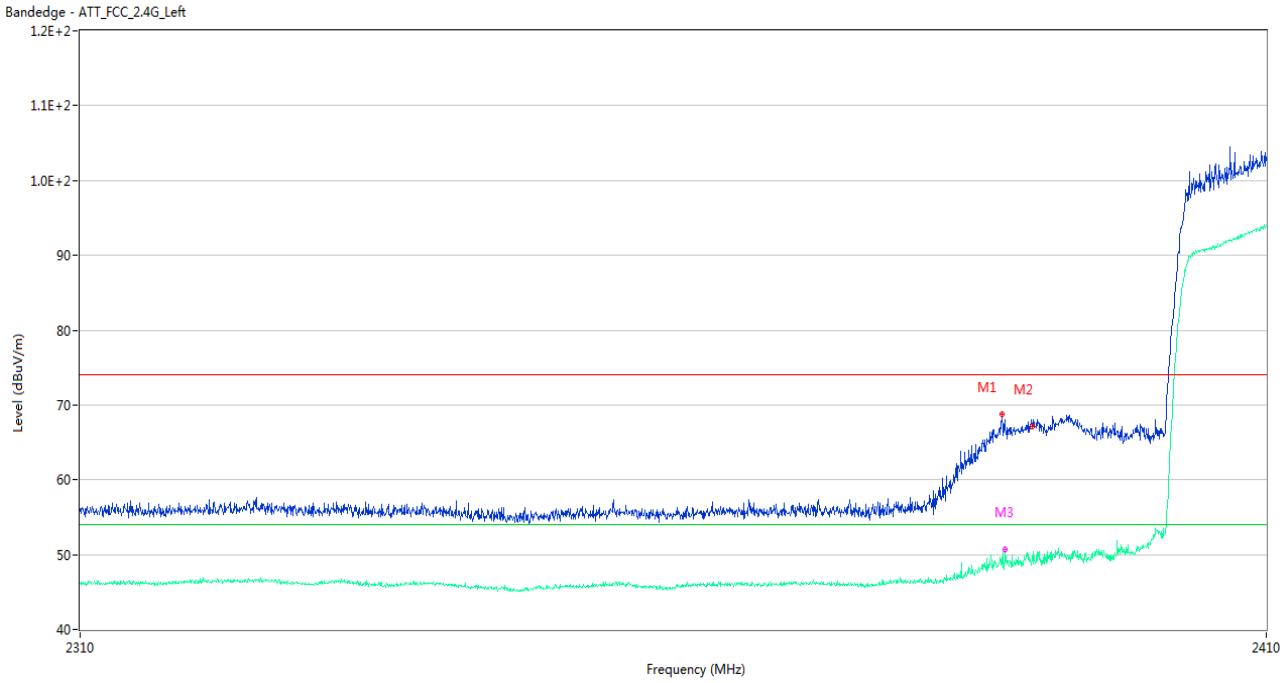
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.400	62.94	1.91	74.0	11.06	Peak	273.00	100	Horizontal	Pass
1**	2389.400	49.01	1.91	54.0	4.99	AV	273.00	100	Horizontal	Pass
2	2389.950	60.47	1.92	74.0	13.53	Peak	257.00	100	Horizontal	Pass
2**	2389.950	50.13	1.92	54.0	3.87	AV	257.00	100	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



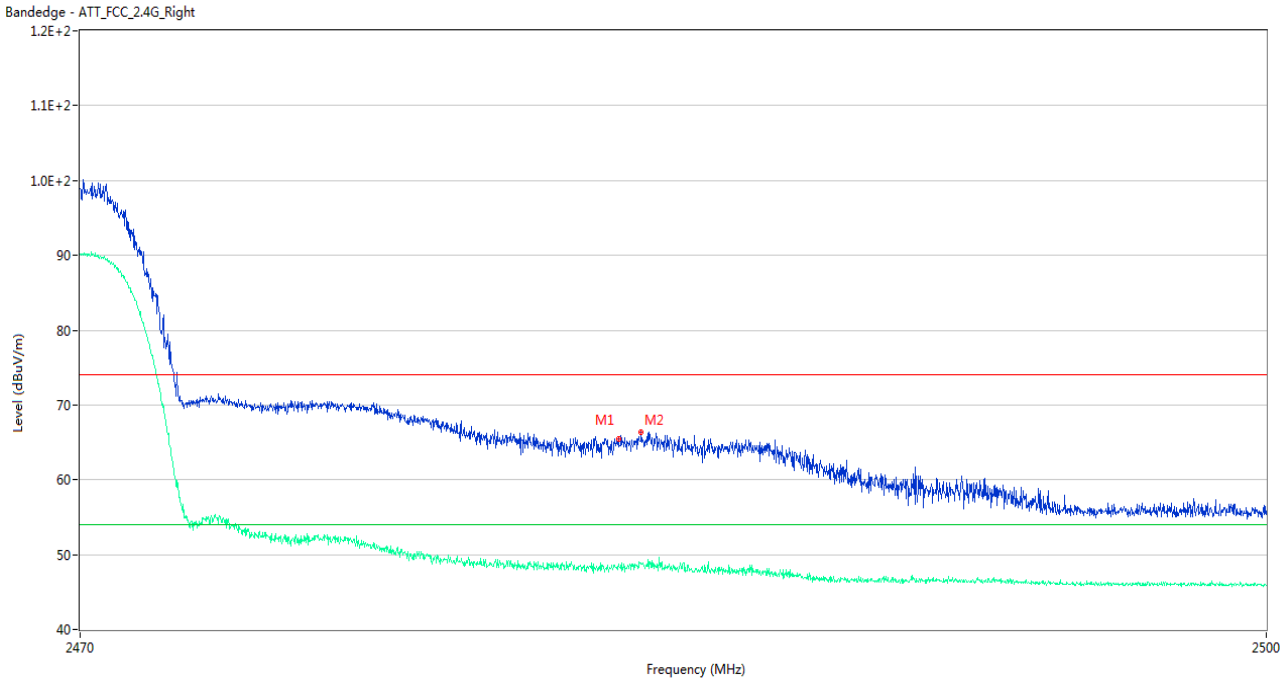
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	61.07	2.11	74.0	12.93	Peak	113.00	100	Horizontal	Pass
1**	2483.575	49.47	2.11	54.0	4.53	AV	113.00	100	Horizontal	Pass
2	2483.800	61.21	2.12	74.0	12.79	Peak	45.00	200	Horizontal	Pass
2**	2483.800	49.66	2.12	54.0	4.34	AV	45.00	200	Horizontal	Pass
3	2483.710	60.40	2.12	74.0	13.60	Peak	51.00	150	Horizontal	Pass
3**	2483.710	50.18	2.12	54.0	3.82	AV	51.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL



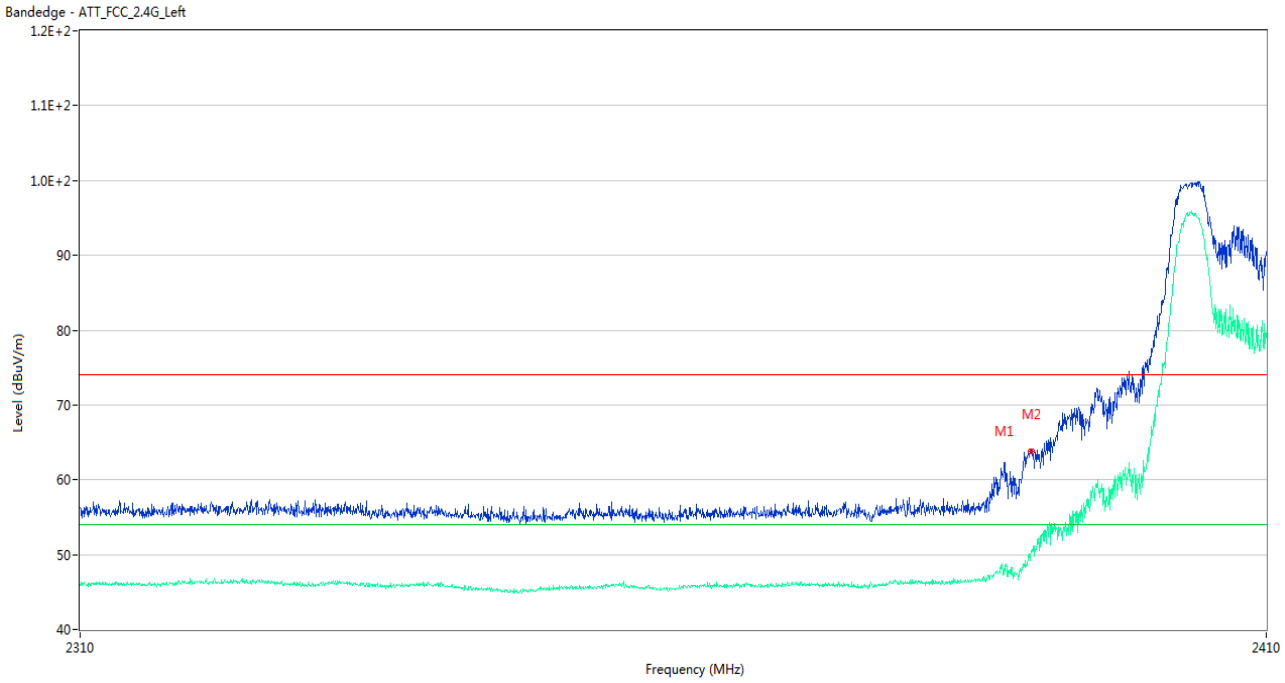
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.350	68.82	2.23	74.0	5.18	Peak	282.00	200	Horizontal	Pass
1**	2387.350	48.79	2.23	54.0	5.21	AV	282.00	200	Horizontal	Pass
2	2389.950	67.16	1.92	74.0	6.84	Peak	273.00	100	Horizontal	Pass
2**	2389.950	49.76	1.92	54.0	4.24	AV	273.00	100	Horizontal	Pass
3	2387.650	67.13	2.16	74.0	6.87	Peak	271.00	150	Horizontal	Pass
3**	2387.650	50.71	2.16	54.0	3.29	AV	271.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL



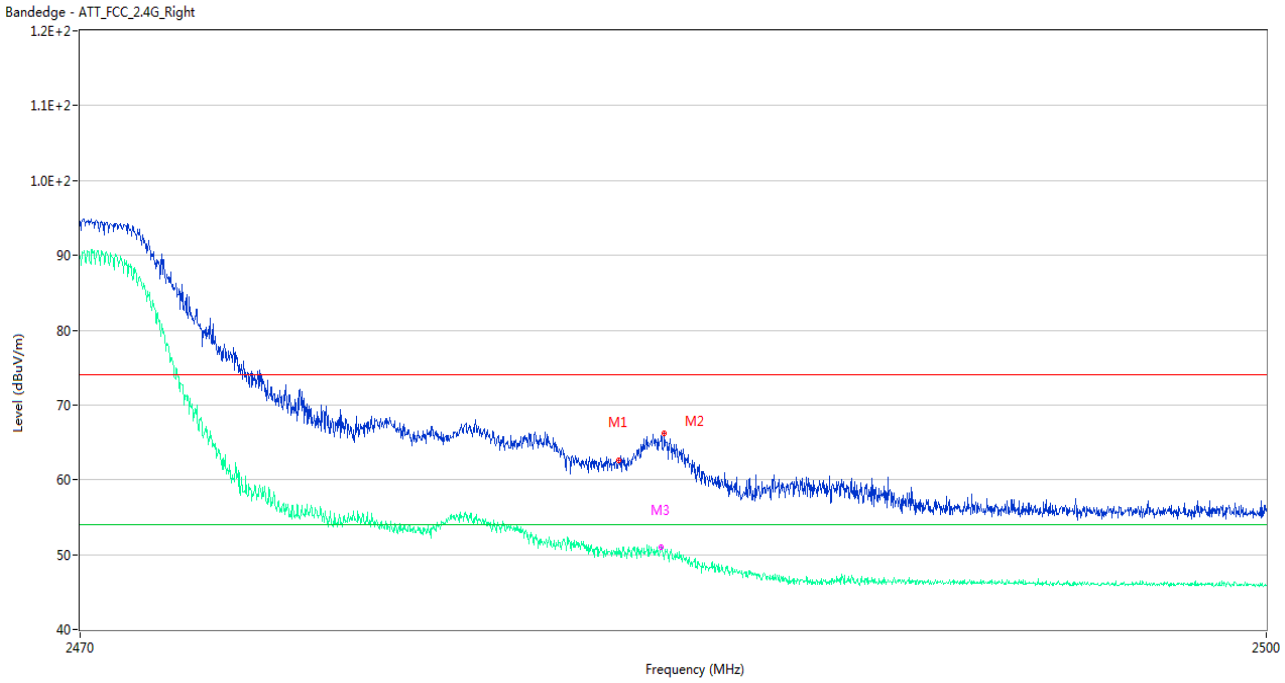
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	65.39	2.11	74.0	8.61	Peak	219.00	100	Horizontal	Pass
1**	2483.575	48.74	2.11	54.0	5.26	AV	219.00	100	Horizontal	Pass
2	2484.145	66.38	2.13	74.0	7.62	Peak	229.00	200	Horizontal	Pass
2**	2484.145	48.83	2.13	54.0	5.17	AV	229.00	200	Horizontal	Pass

802.11ax20(RU26) LOW CHANNEL



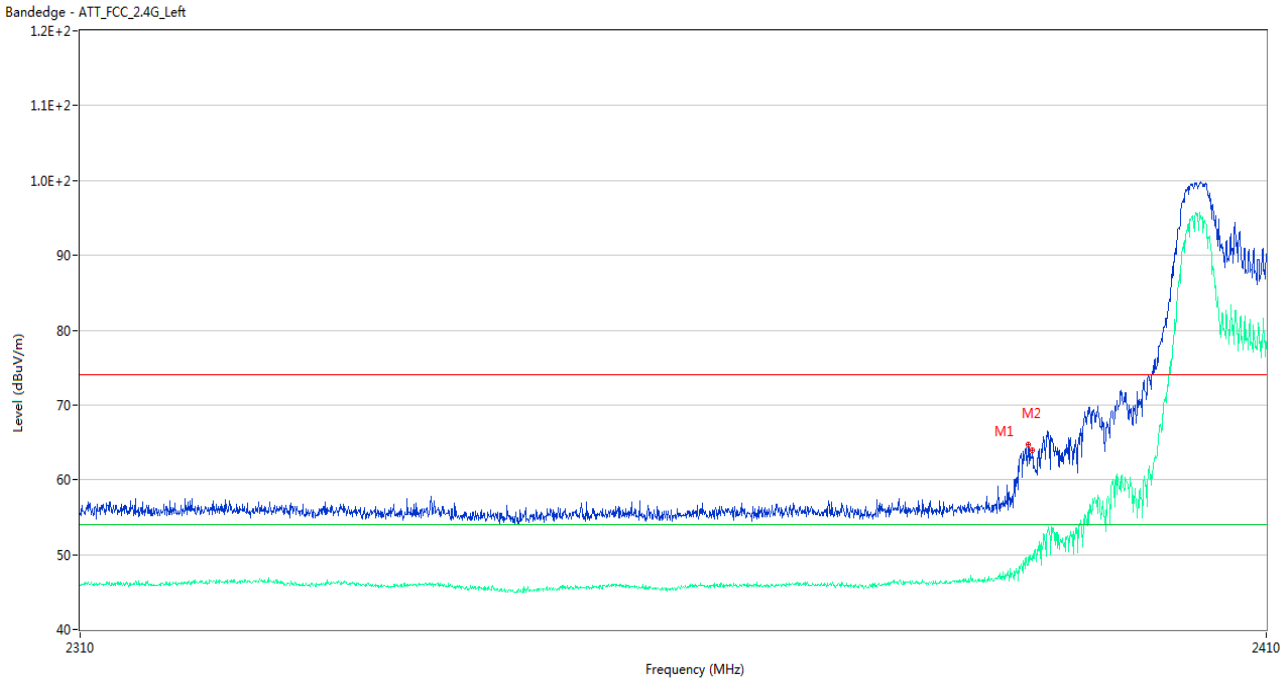
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.800	63.84	1.92	74.0	10.16	Peak	226.00	100	Vertical	Pass
1**	2389.800	49.70	1.92	54.0	4.30	AV	226.00	100	Vertical	Pass
2	2389.950	63.84	1.92	74.0	10.16	Peak	228.00	150	Vertical	Pass
2**	2389.950	50.47	1.92	54.0	3.53	AV	228.00	150	Vertical	Pass

802.11 ax20(RU26) HIGH CHANNEL



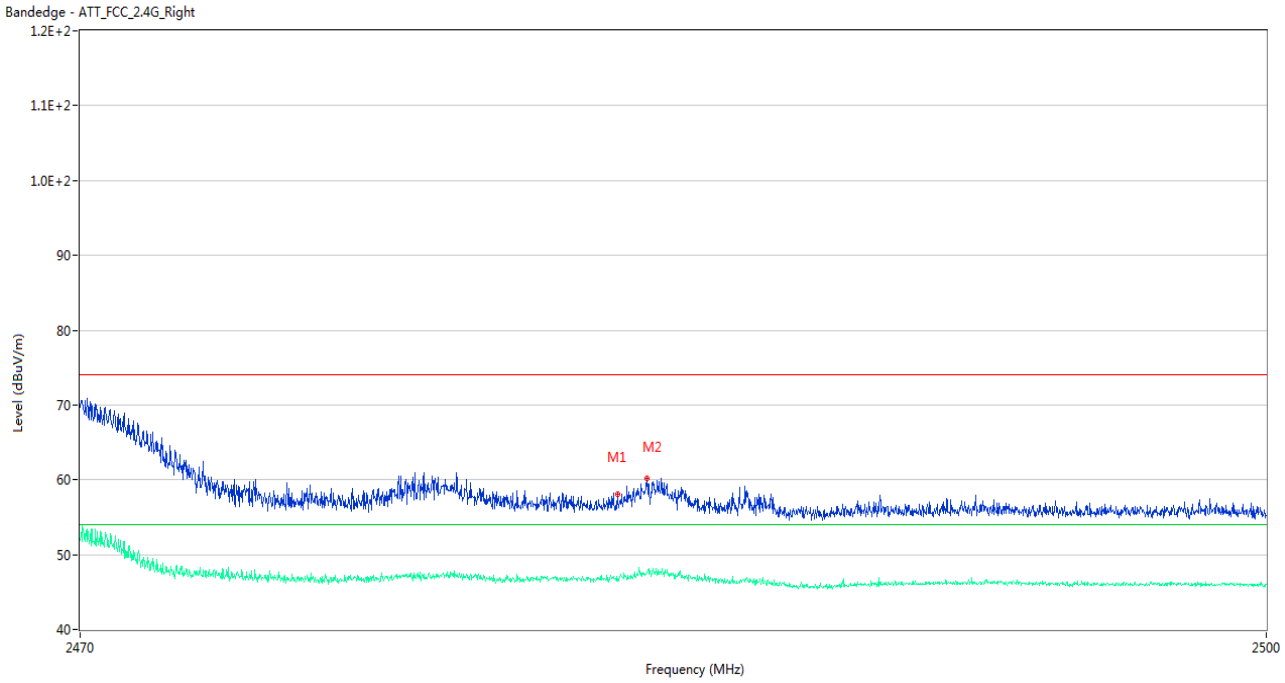
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	62.66	2.11	74.0	11.34	Peak	312.00	200	Vertical	Pass
1**	2483.590	50.85	2.11	54.0	3.15	AV	312.00	200	Vertical	Pass
2	2484.730	66.20	2.09	74.0	7.80	Peak	91.00	200	Vertical	Pass
2**	2484.730	49.33	2.09	54.0	4.67	AV	91.00	200	Vertical	Pass
3	2484.655	65.94	2.10	74.0	8.06	Peak	82.00	150	Vertical	Pass
3**	2484.655	50.98	2.10	54.0	3.02	AV	82.00	150	Vertical	Pass

802.11ax40(RU26) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.550	64.71	1.91	74.0	9.29	Peak	38.00	200	Vertical	Pass
1**	2389.550	48.64	1.91	54.0	5.36	AV	38.00	200	Vertical	Pass
2	2389.950	63.96	1.92	74.0	10.04	Peak	38.00	200	Vertical	Pass
2**	2389.950	49.73	1.92	54.0	4.27	AV	38.00	200	Vertical	Pass

802.11 ax40(RU26) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	58.05	2.11	74.0	15.95	Peak	146.00	150	Vertical	Pass
1**	2483.545	46.74	2.11	54.0	7.26	AV	146.00	150	Vertical	Pass
2	2484.280	60.18	2.14	74.0	13.82	Peak	154.00	100	Vertical	Pass
2**	2484.280	47.53	2.14	54.0	6.47	AV	154.00	100	Vertical	Pass

A.8 Power Spectral Density (PSD)

Note 1: All antenna were tested, but only the worst case has been reported in this report.
Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.66	8
Middle	-7.98	8
High	-7.31	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.14	8
Middle	-10.20	8
High	-10.30	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.65	8
Middle	-10.39	8
High	-11.39	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.05	8
Middle	-13.52	8
High	-12.52	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.66	8
Middle	-11.35	8
High	-12.98	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.53	8
Middle	-14.79	8
High	-14.06	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.25	8
Middle	-12.00	8
High	-15.65	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.65	8
Middle	-16.98	8
High	-17.72	8

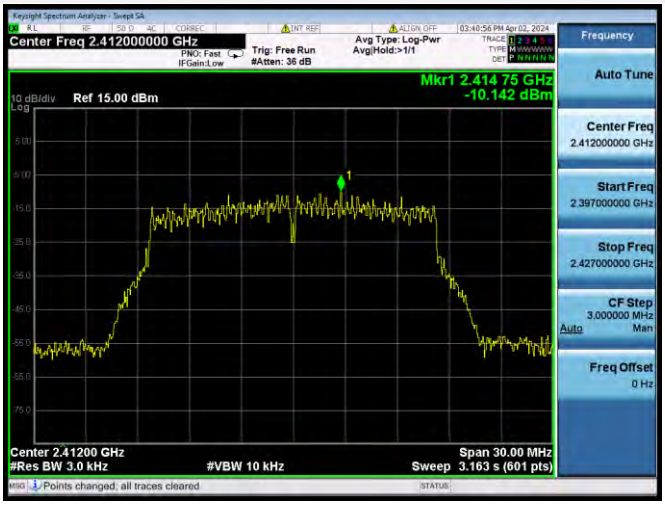
Test Plots

802.11b LOW CHANNEL

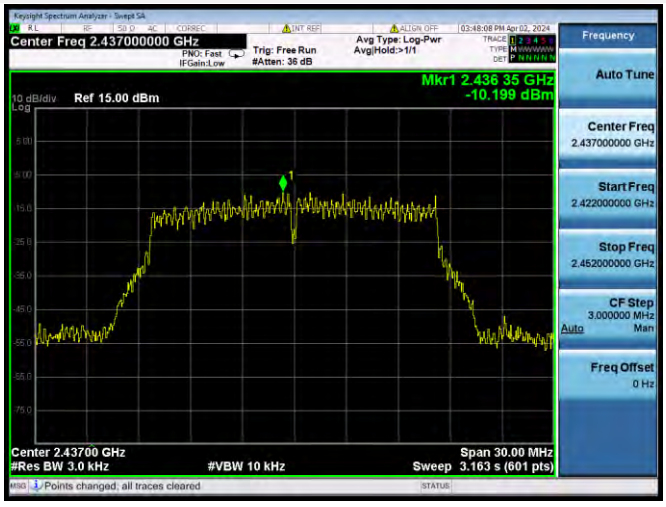
802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL



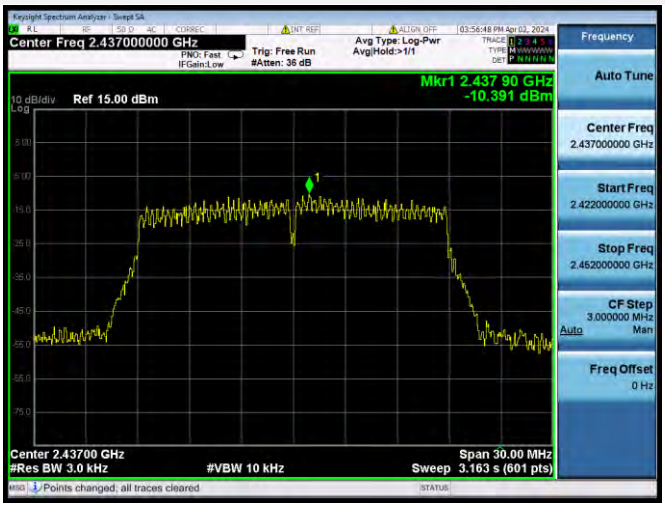
802.11g MIDDLE CHANNEL



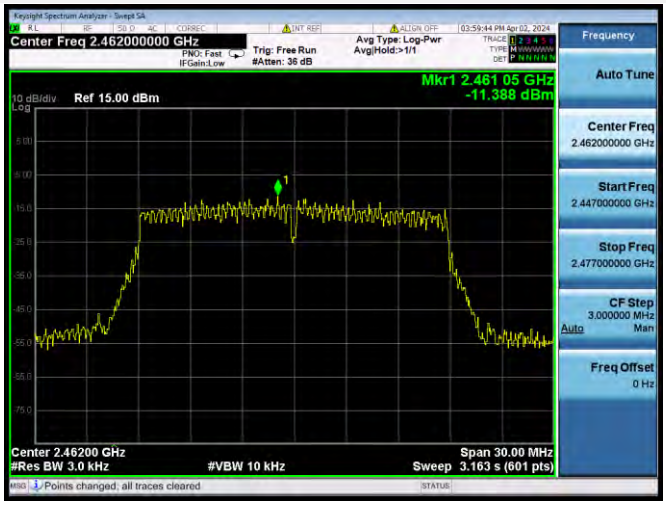
802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

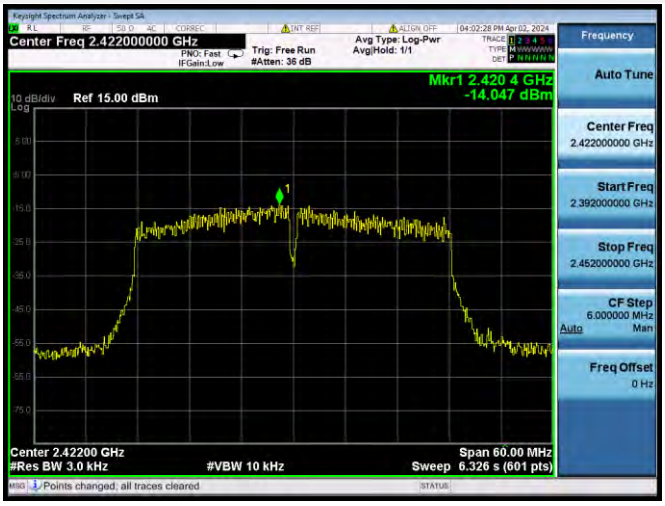
802.11n-20 MHz MIDDLE CHANNEL



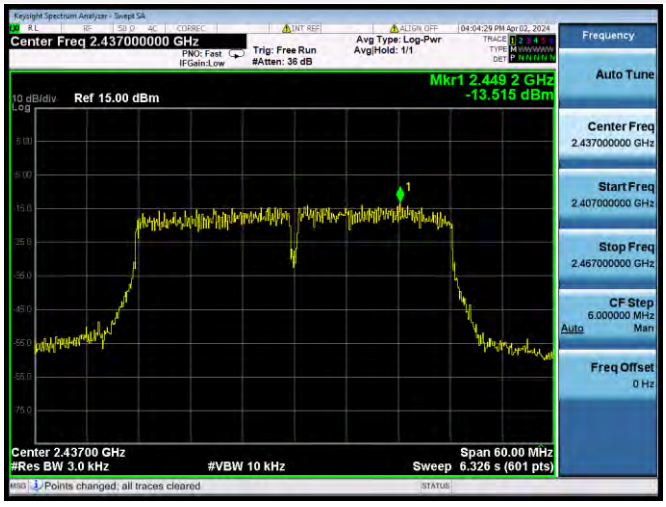
802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL

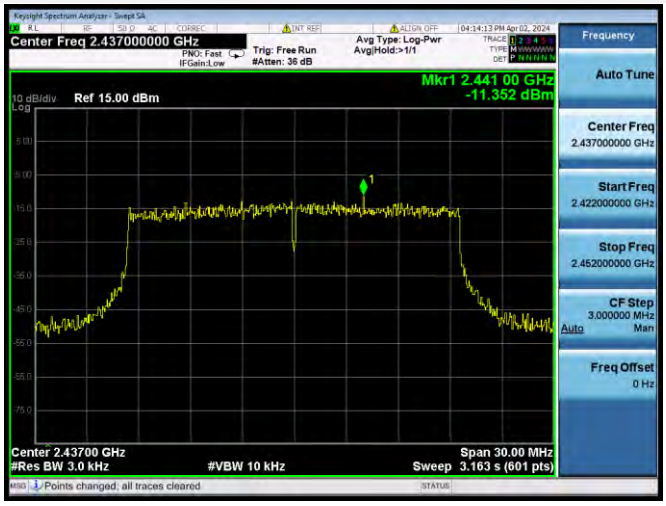


802.11n-40 MHz HIGH CHANNEL

802.11ax-20 MHz(SU) LOW CHANNEL

802.11ax-20 MHz(SU) MIDDLE CHANNEL

802.11ax-20 MHz(SU) HIGH CHANNEL

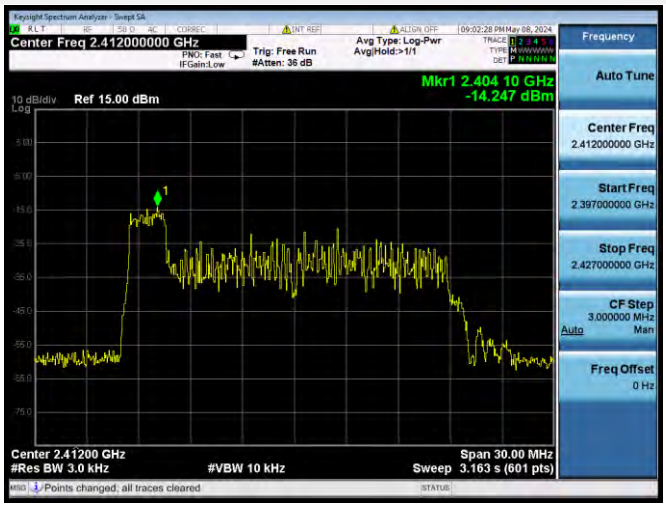


802.11ax-40 MHz(SU) LOW CHANNEL

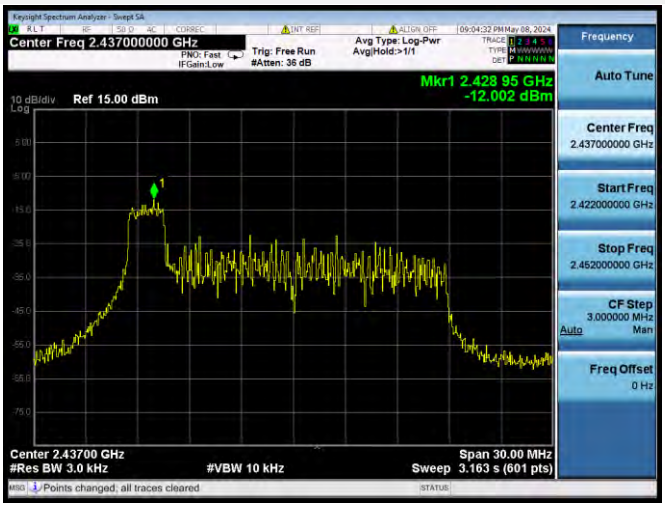
802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

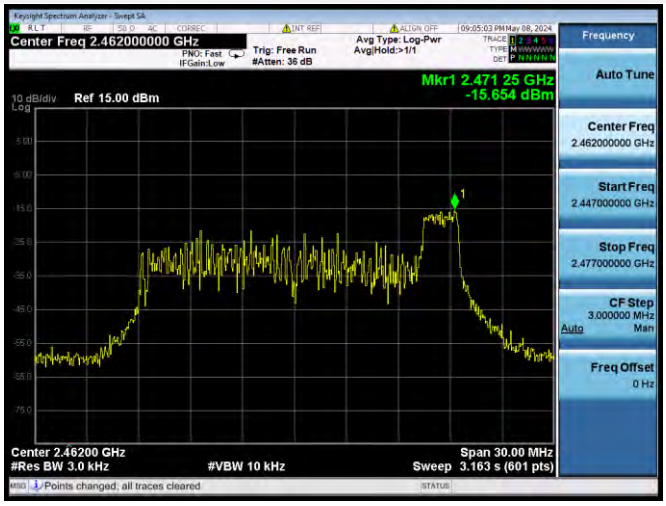
802.11ax-20 MHz(RU26) LOW CHANNEL



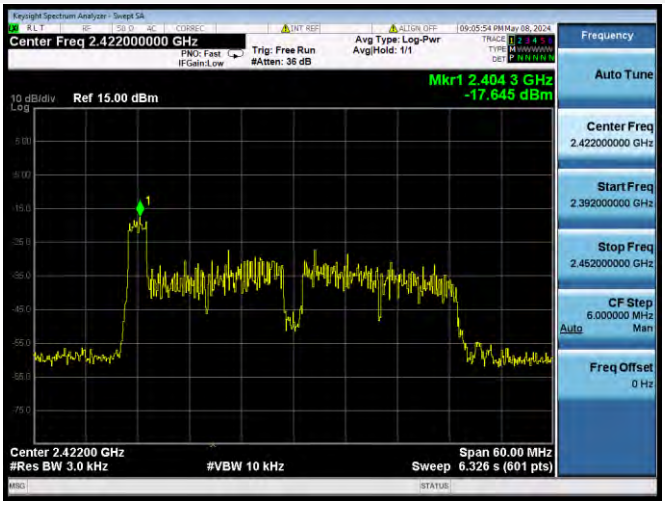
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



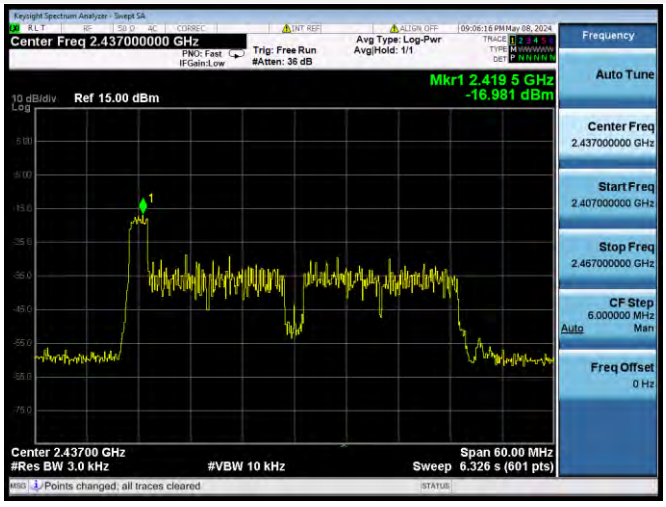
802.11ax-20 MHz(RU26) HIGH CHANNEL



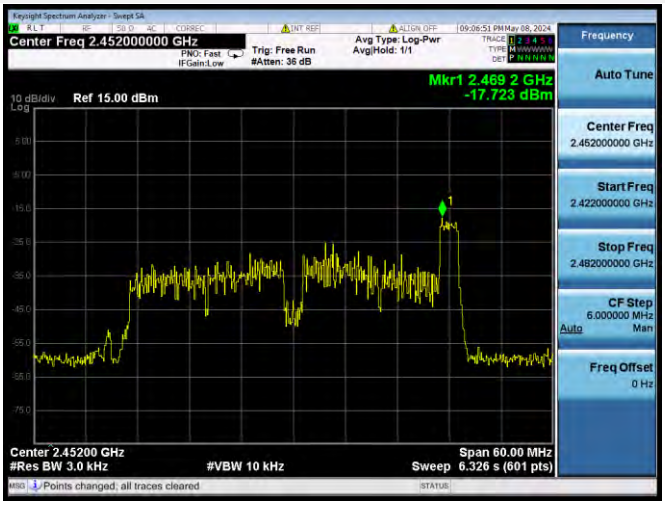
802.11ax-40 MHz(RU26) LOW CHANNEL



802.11ax-40 MHz(RU26) MIDDLE CHANNEL



802.11ax-40 MHz(RU26) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2430942-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2430942-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2430942-AI.PDF”.

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--END OF REPORT--