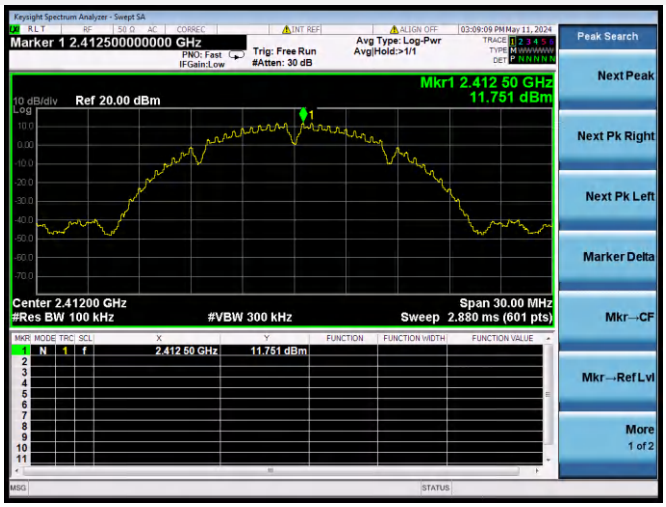
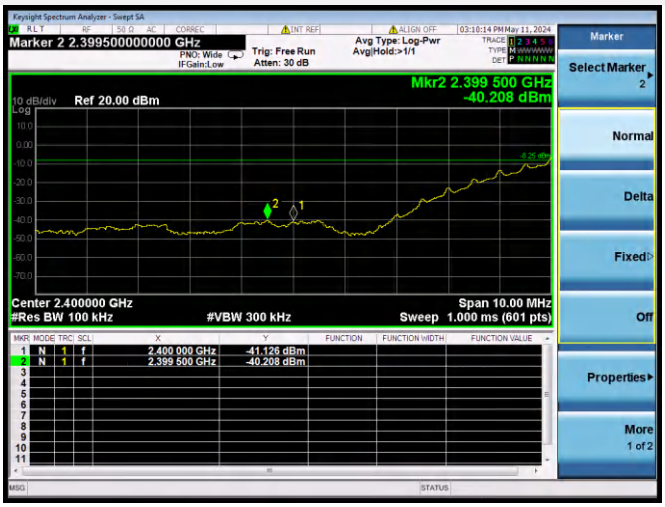
Test Plots

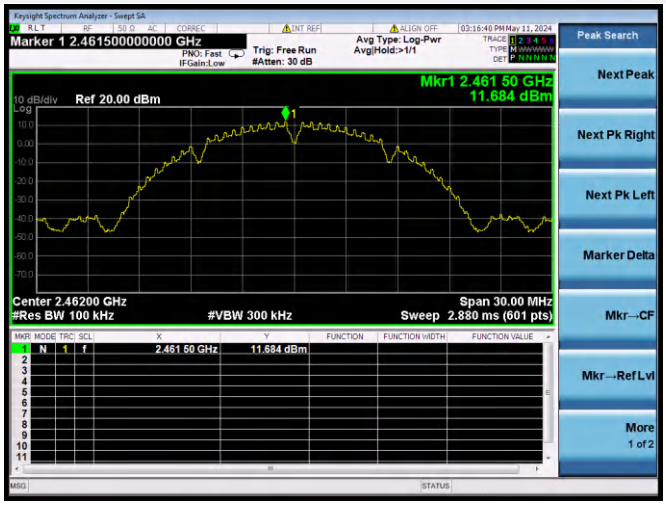
802.11b LOW CHANNEL, CARRIER LEVEL



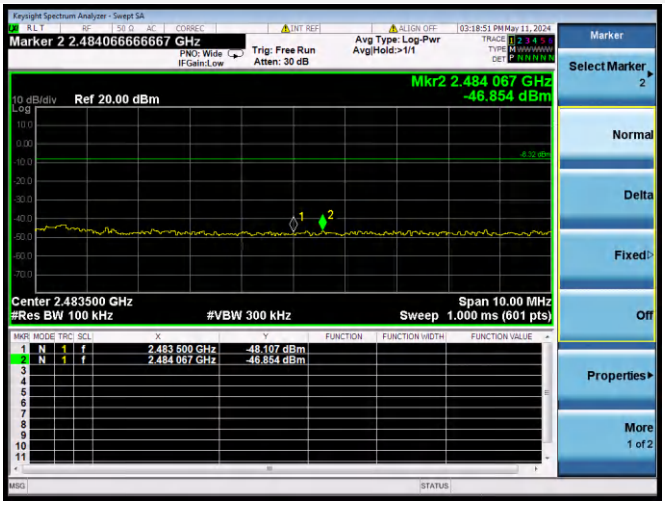
802.11b LOW CHANNEL, BAND EDGE



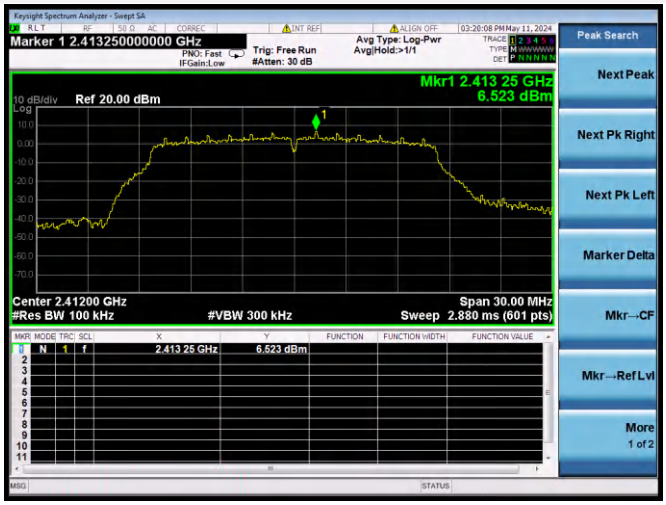
802.11b HIGH CHANNEL, CARRIER LEVEL



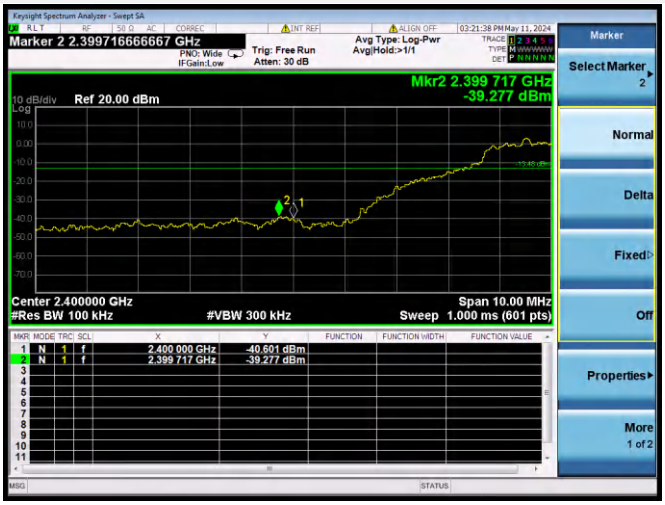
802.11b HIGH CHANNEL, BAND EDGE



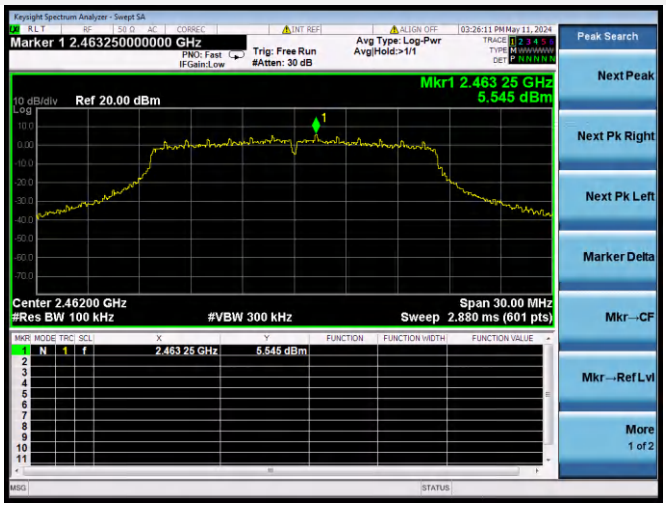
802.11g LOW CHANNEL, CARRIER LEVEL



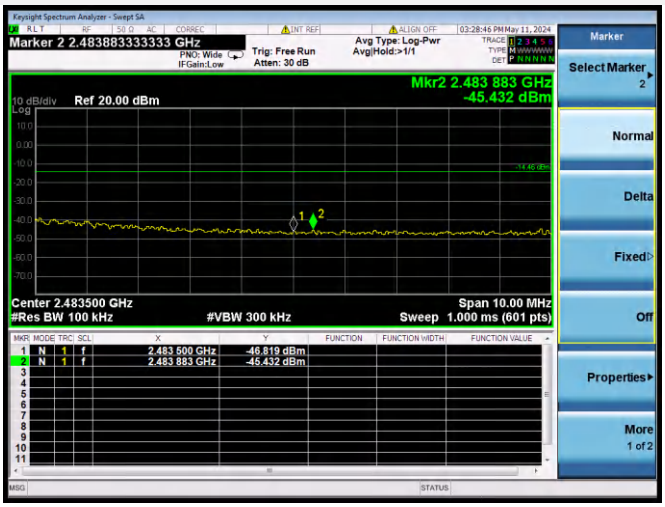
802.11g LOW CHANNEL, BAND EDGE



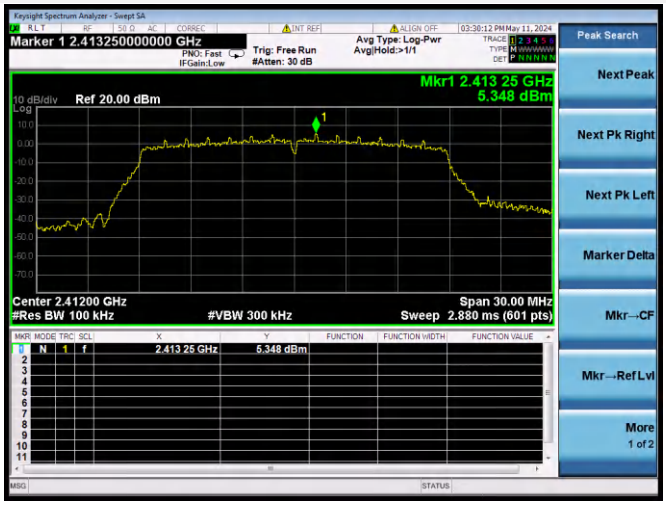
802.11g HIGH CHANNEL, CARRIER LEVEL



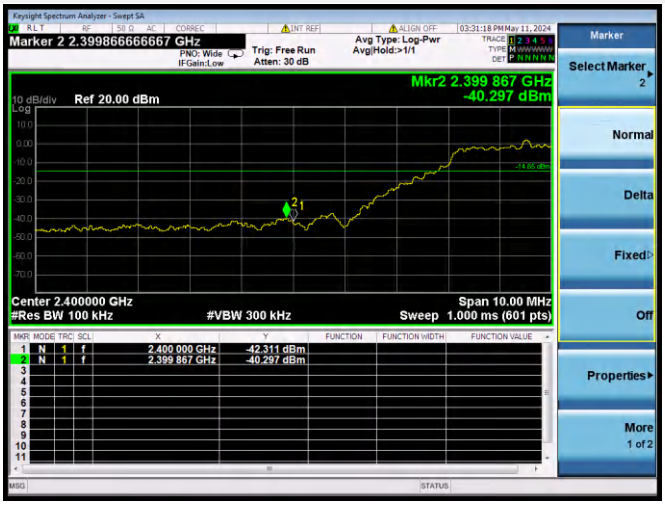
802.11g HIGH CHANNEL, BAND EDGE



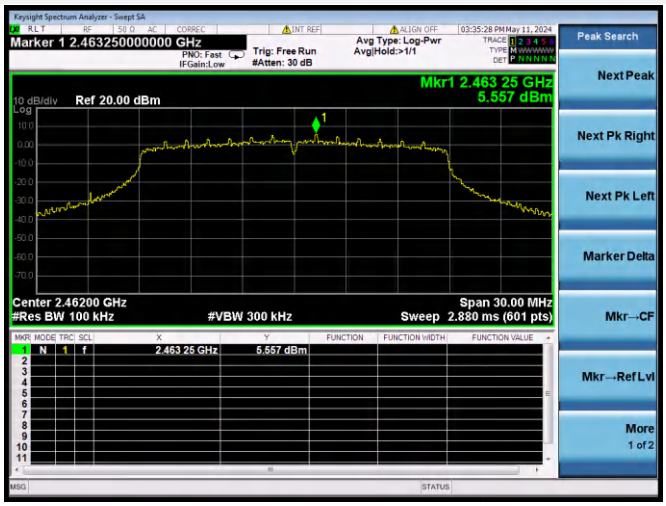
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



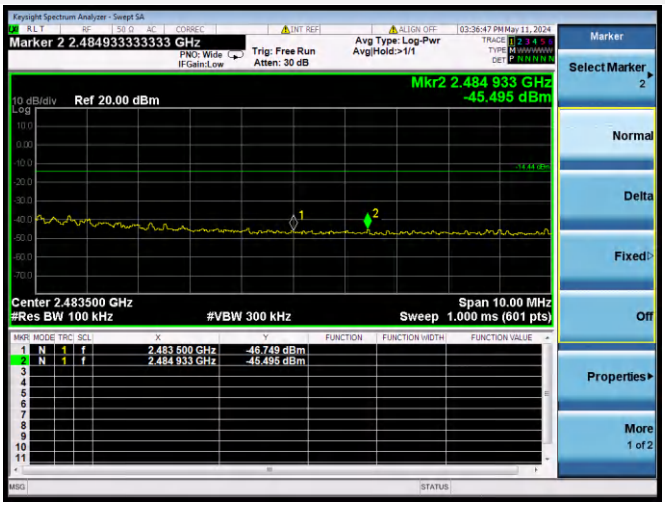
802.11n-20 MHz LOW CHANNEL, BAND EDGE



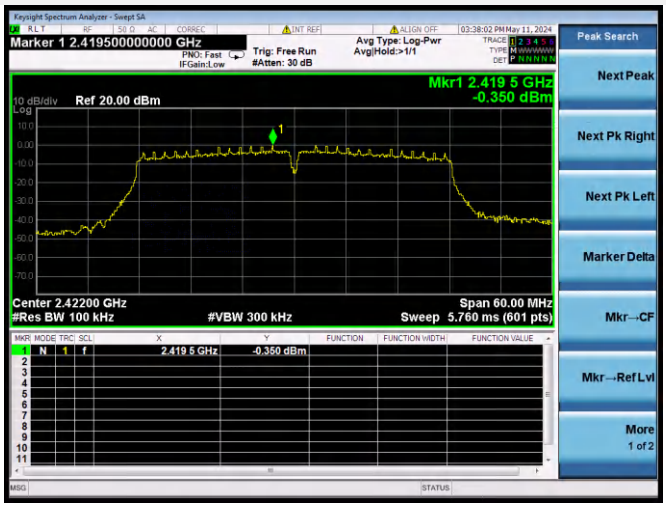
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



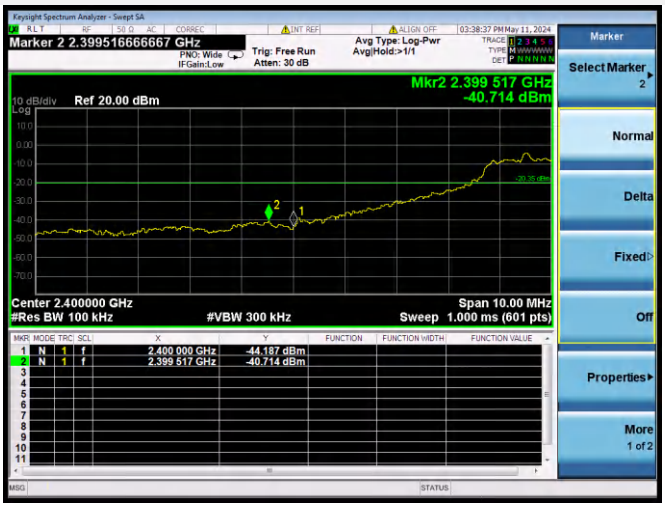
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



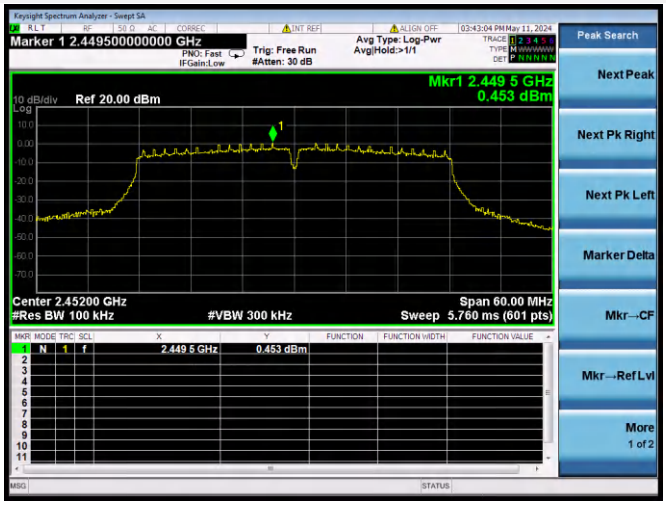
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



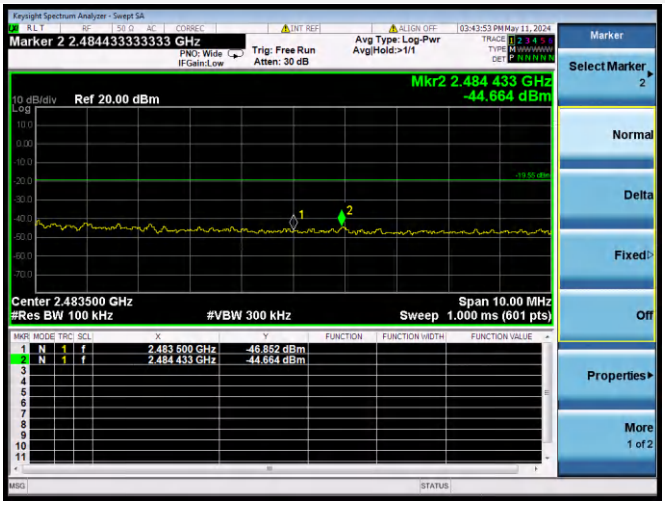
802.11n-40 MHz LOW CHANNEL, BAND EDGE



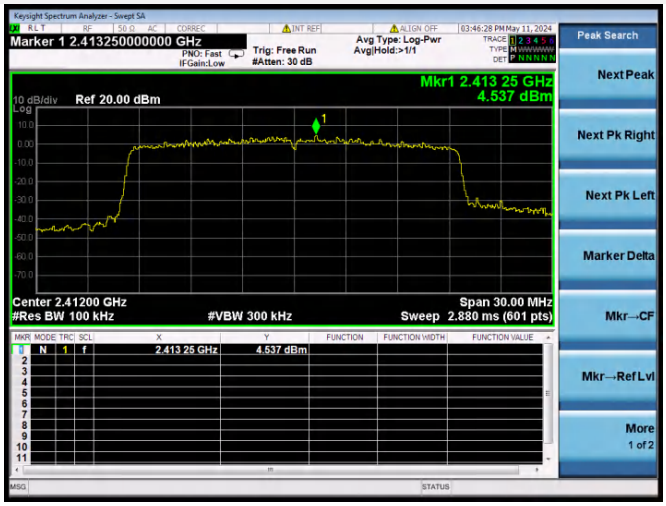
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



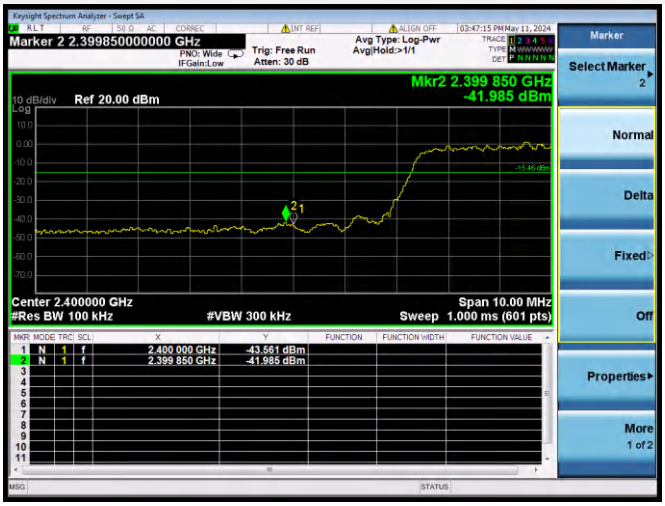
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



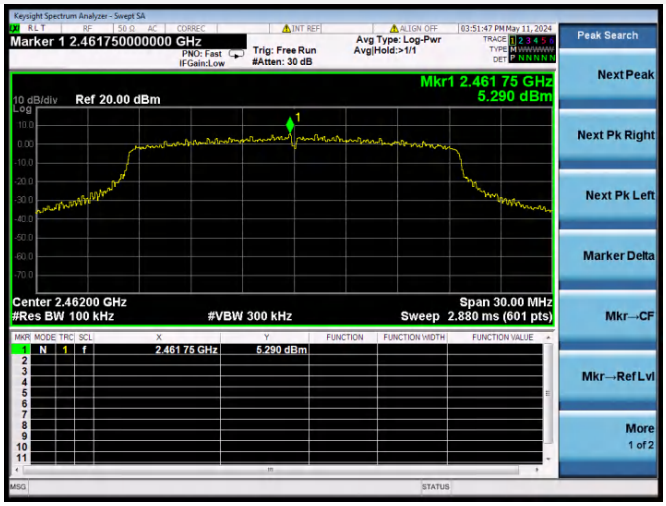
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



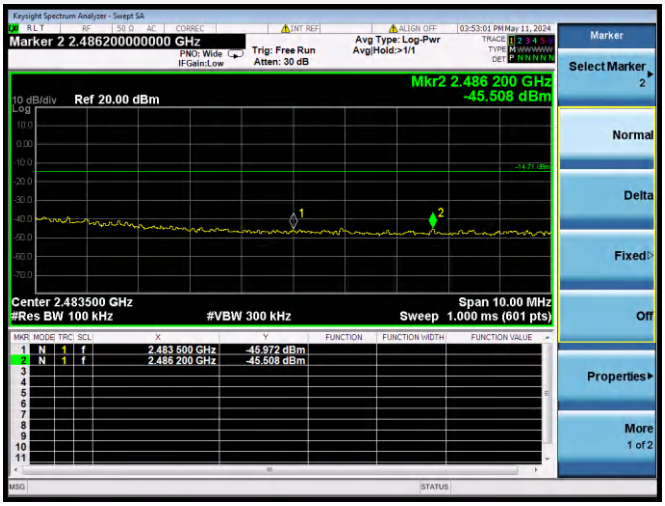
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



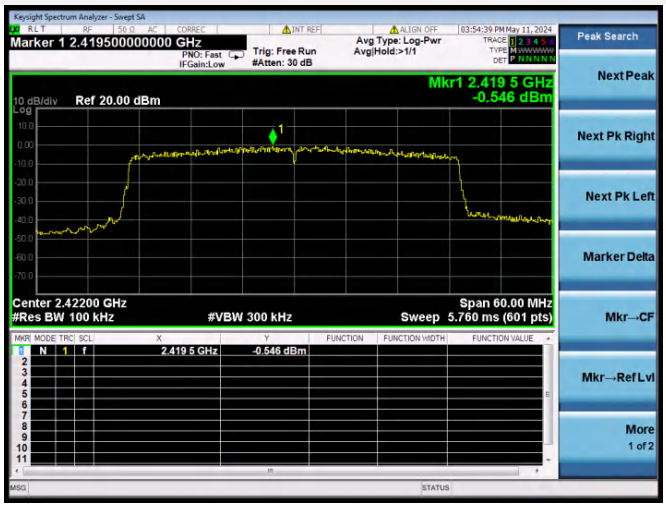
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



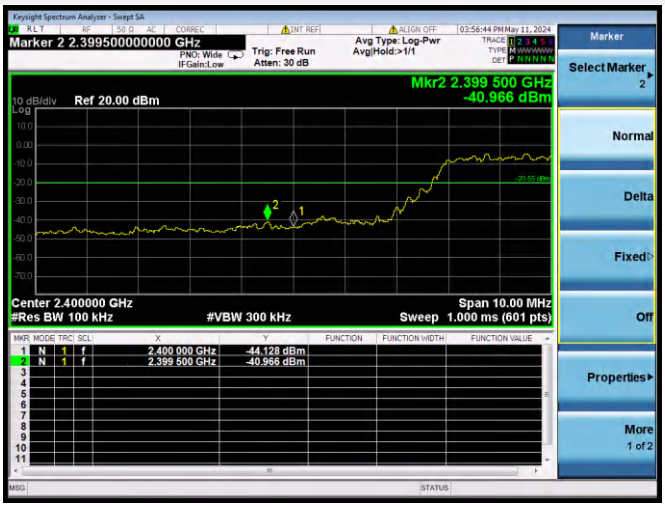
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



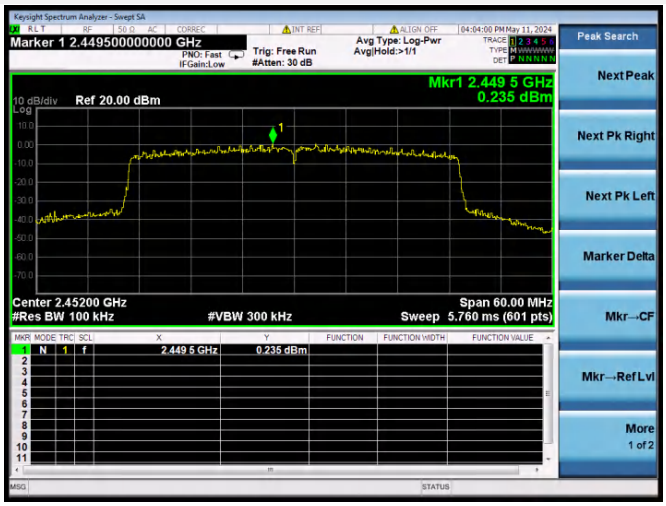
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



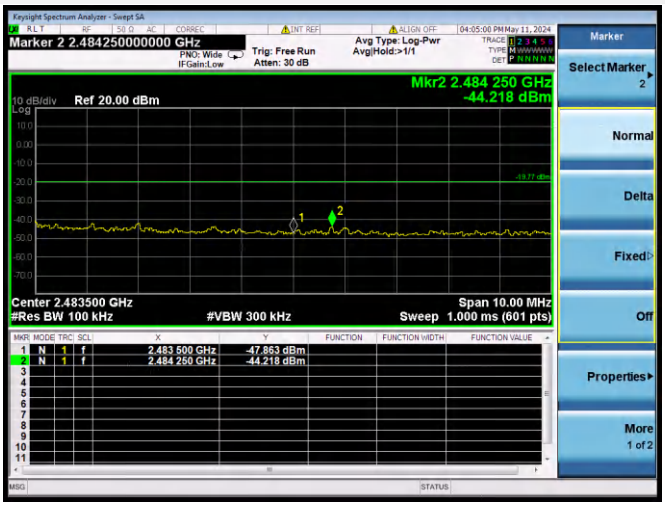
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

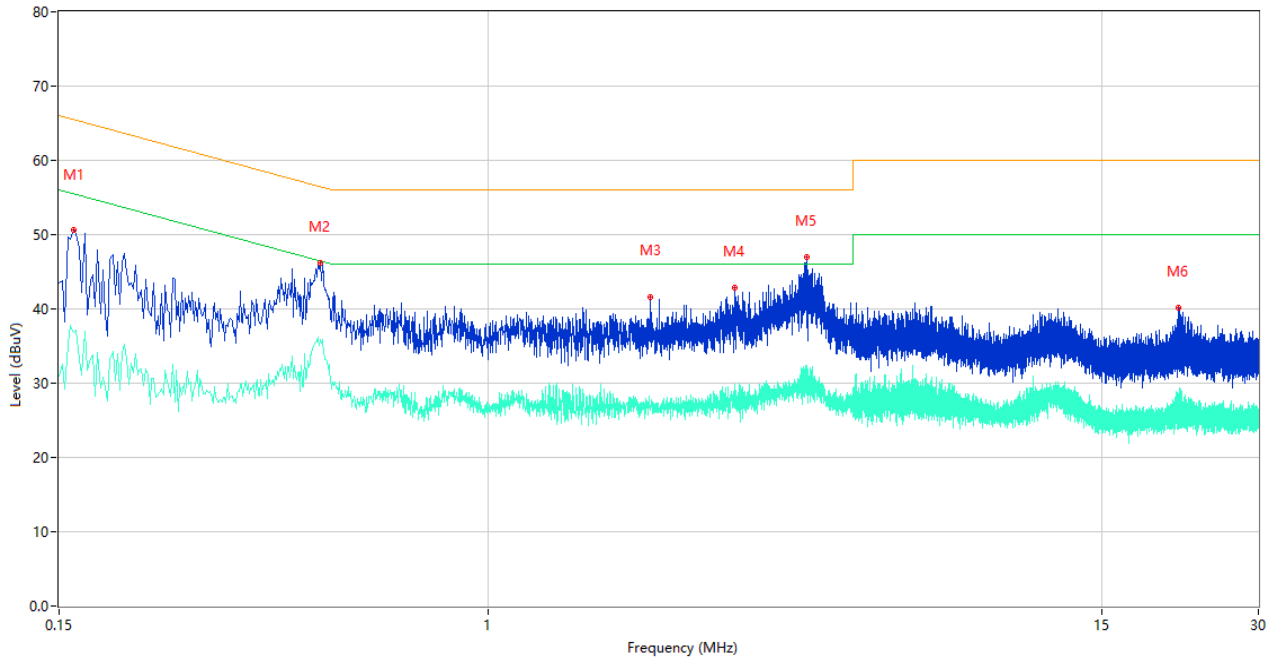
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

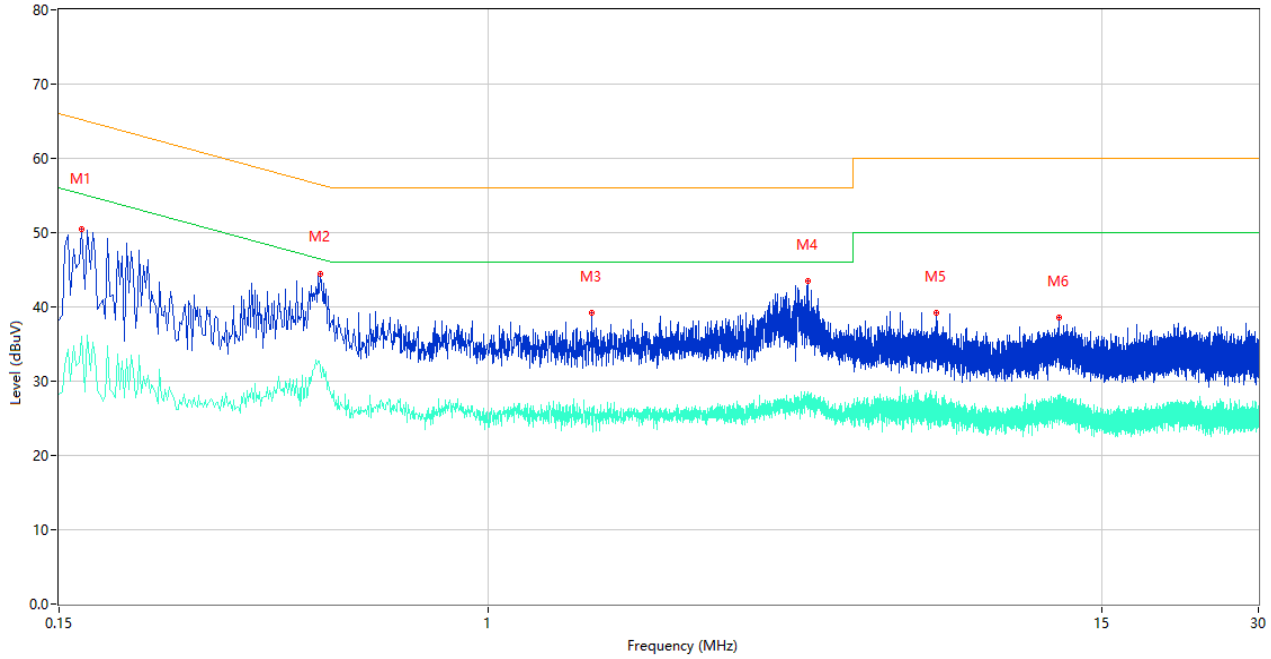
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	50.56	9.78	65.46	14.90	Peak	L	Pass
1**	0.160	36.81	9.78	55.46	18.65	AV	L	Pass
2	0.476	46.16	10.00	56.41	10.25	Peak	L	Pass
2**	0.476	35.84	10.00	46.41	10.57	AV	L	Pass
3	2.048	41.57	10.49	56.00	14.43	Peak	L	Pass
3**	2.048	26.83	10.49	46.00	19.17	AV	L	Pass
4	2.962	42.80	10.22	56.00	13.20	Peak	L	Pass
4**	2.962	28.98	10.22	46.00	17.02	AV	L	Pass
5	4.082	46.91	10.42	56.00	9.09	Peak	L	Pass
5**	4.082	32.34	10.42	46.00	13.66	AV	L	Pass
6	21.114	40.12	11.04	60.00	19.88	Peak	L	Pass
6**	21.114	28.03	11.04	50.00	21.97	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	50.52	9.78	65.16	14.64	Peak	N	Pass
1**	0.166	36.02	9.78	55.16	19.14	AV	N	Pass
2	0.476	44.48	10.00	56.41	11.93	Peak	N	Pass
2**	0.476	32.06	10.00	46.41	14.35	AV	N	Pass
3	1.576	39.13	9.99	56.00	16.87	Peak	N	Pass
3**	1.576	26.39	9.99	46.00	19.61	AV	N	Pass
4	4.096	43.45	10.43	56.00	12.55	Peak	N	Pass
4**	4.096	26.75	10.43	46.00	19.25	AV	N	Pass
5	7.232	39.20	10.42	60.00	20.80	Peak	N	Pass
5**	7.232	28.61	10.42	50.00	21.39	AV	N	Pass
6	12.424	38.50	10.59	60.00	21.50	Peak	N	Pass
6**	12.424	27.35	10.59	50.00	22.65	AV	N	Pass

A.6 Radiated Emission

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

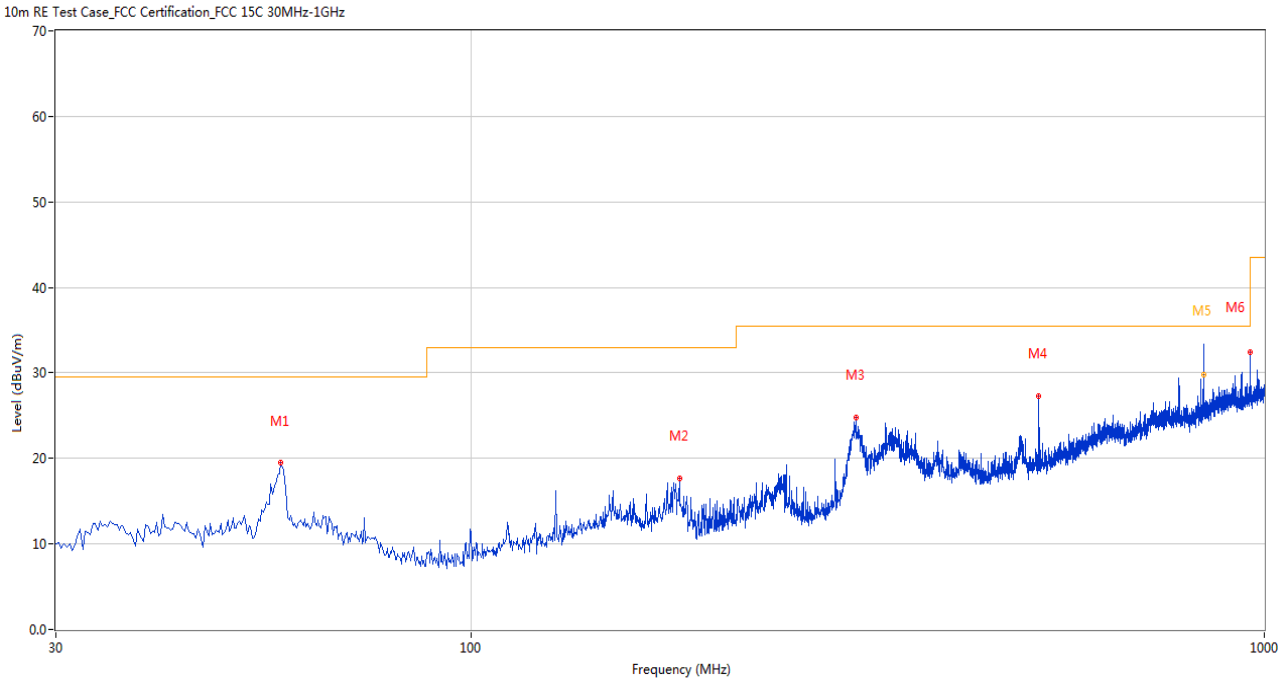
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

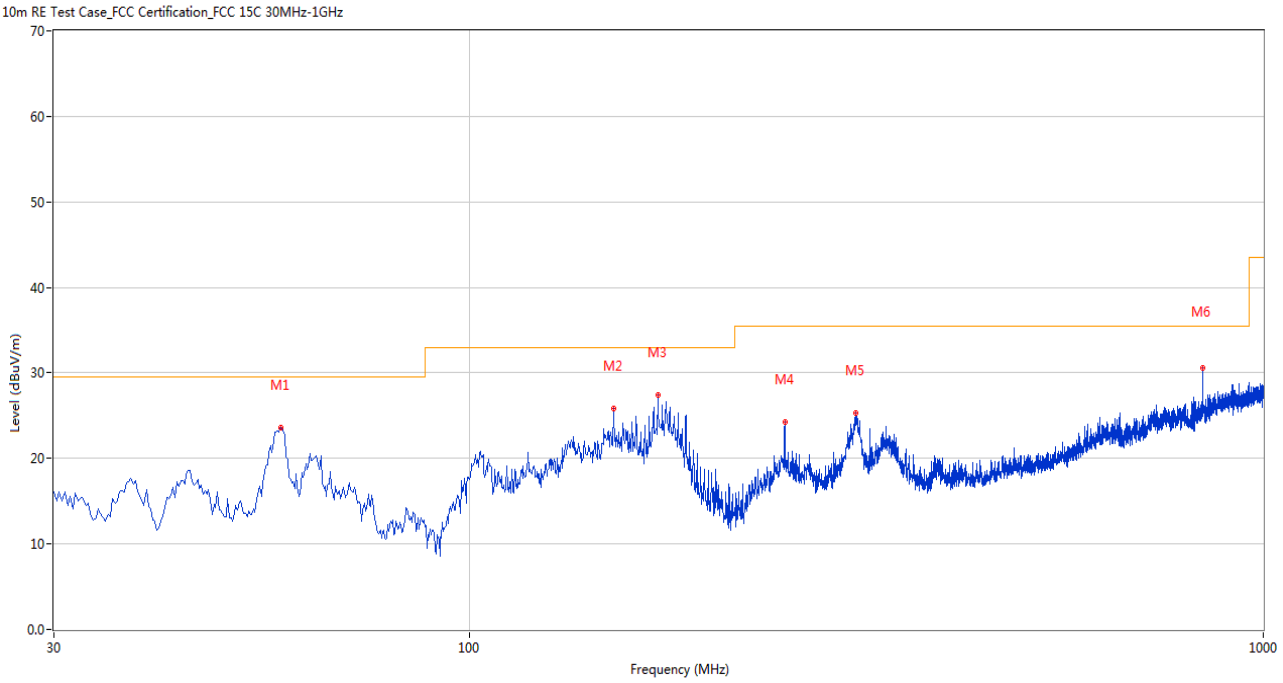
Test Data and Plots

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	57.638	19.45	-26.29	29.5	10.05	Peak	28.00	100	Horizontal	Pass
2	183.222	17.68	-27.55	33.0	15.32	Peak	142.00	200	Horizontal	Pass
3	305.654	24.77	-24.57	35.5	10.73	Peak	266.00	200	Horizontal	Pass
4	519.970	27.34	-19.21	35.5	8.16	Peak	193.00	100	Horizontal	Pass
5	840.000	32.31	-12.16	35.5	3.19	Peak	143.00	101	Horizontal	N/A
5*	840.000	29.83	-12.16	35.5	5.67	QP	143.00	101	Horizontal	Pass
6	959.998	32.49	-10.60	35.5	3.01	Peak	180.00	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	57.881	23.62	-26.31	29.5	5.88	Peak	168.00	200	Vertical	Pass
2	151.947	25.79	-25.69	33.0	7.21	Peak	84.00	100	Vertical	Pass
3	172.797	27.45	-26.31	33.0	5.55	Peak	137.00	100	Vertical	Pass
4	249.893	24.30	-26.98	35.5	11.20	Peak	87.00	100	Vertical	Pass
5	306.381	25.35	-24.45	35.5	10.15	Peak	0.00	100	Vertical	Pass
6	839.990	30.63	-12.16	35.5	4.87	Peak	226.00	200	Vertical	Pass

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

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

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	1476.800	48.69	-17.00	74.0	25.31	Peak	77.00	200	Horizontal	Pass
1**	1476.800	39.24	-17.00	54.0	14.76	AV	77.00	200	Horizontal	Pass
2	2410.900	100.48	-10.34	74.0	-26.48	Peak	165.00	200	Horizontal	N/A
2**	2410.900	97.66	-10.34	54.0	-43.66	AV	165.00	200	Horizontal	N/A
3	4982.750	50.50	-3.44	74.0	23.50	Peak	338.00	200	Horizontal	Pass
3**	4982.750	40.98	-3.44	54.0	13.02	AV	338.00	200	Horizontal	Pass
4	7758.000	54.29	1.54	74.0	19.71	Peak	358.00	200	Horizontal	Pass
4**	7758.000	45.97	1.54	54.0	8.03	AV	358.00	200	Horizontal	Pass
5	11736.350	52.64	-0.28	74.0	21.36	Peak	48.00	300	Horizontal	Pass
5**	11736.350	43.06	-0.28	54.0	10.94	AV	48.00	300	Horizontal	Pass
6	17456.626	56.19	5.44	74.0	17.81	Peak	285.00	300	Horizontal	Pass
6**	17456.626	48.81	5.44	54.0	5.19	AV	285.00	300	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	2031.300	51.67	-14.78	74.0	22.33	Peak	360.00	400	Vertical	Pass
1**	2031.300	50.17	-14.78	54.0	3.83	AV	360.00	400	Vertical	Pass
2	2410.800	108.88	-10.35	74.0	-34.88	Peak	197.00	200	Vertical	N/A
2**	2410.800	106.04	-10.35	54.0	-52.04	AV	197.00	200	Vertical	N/A
3	4531.750	50.63	-4.37	74.0	23.37	Peak	219.00	400	Vertical	Pass
3**	4531.750	47.77	-4.37	54.0	6.23	AV	219.00	400	Vertical	Pass
4	4824.250	49.17	-3.48	74.0	24.83	Peak	239.00	100	Vertical	Pass
4**	4824.250	46.25	-3.48	54.0	7.75	AV	239.00	100	Vertical	Pass
5	4844.000	53.65	-3.68	74.0	20.35	Peak	219.00	200	Vertical	Pass
5**	4844.000	50.38	-3.68	54.0	3.62	AV	219.00	200	Vertical	Pass
6	9648.012	54.04	-2.71	74.0	19.96	Peak	179.00	400	Vertical	Pass
6**	9648.012	50.83	-2.71	54.0	3.17	AV	179.00	400	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	1499.100	49.94	-16.90	74.0	24.06	Peak	77.00	400	Horizontal	Pass
1**	1499.100	37.88	-16.90	54.0	16.12	AV	77.00	400	Horizontal	Pass
2	2435.900	101.99	-10.14	74.0	-27.99	Peak	158.00	150	Horizontal	N/A
2**	2435.900	99.16	-10.14	54.0	-45.16	AV	158.00	150	Horizontal	N/A
3	4989.000	51.14	-3.22	74.0	22.86	Peak	360.00	200	Horizontal	Pass
3**	4989.000	40.89	-3.22	54.0	13.11	AV	360.00	200	Horizontal	Pass
4	7430.000	54.01	1.05	74.0	19.99	Peak	243.00	100	Horizontal	Pass
4**	7430.000	44.06	1.05	54.0	9.94	AV	243.00	100	Horizontal	Pass
5	11798.813	52.49	-0.15	74.0	21.51	Peak	87.00	100	Horizontal	Pass
5**	11798.813	44.61	-0.15	54.0	9.39	AV	87.00	100	Horizontal	Pass
6	16395.600	56.01	3.00	74.0	17.99	Peak	78.00	100	Horizontal	Pass
6**	16395.600	47.43	3.00	54.0	6.57	AV	78.00	100	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	2031.300	49.68	-14.78	74.0	24.32	Peak	356.00	400	Vertical	Pass
1**	2031.300	46.93	-14.78	54.0	7.07	AV	356.00	400	Vertical	Pass
2	2435.800	108.80	-10.14	74.0	-34.80	Peak	19.00	150	Vertical	N/A
2**	2435.800	105.97	-10.14	54.0	-51.97	AV	19.00	150	Vertical	N/A
3	4531.750	50.46	-4.37	74.0	23.54	Peak	238.00	400	Vertical	Pass
3**	4531.750	48.12	-4.37	54.0	5.88	AV	238.00	400	Vertical	Pass
4	4844.250	52.85	-3.78	74.0	21.15	Peak	218.00	100	Vertical	Pass
4**	4844.250	50.36	-3.78	54.0	3.64	AV	218.00	100	Vertical	Pass
5	5312.750	52.04	-3.40	74.0	21.96	Peak	218.00	200	Vertical	Pass
5**	5312.750	47.72	-3.40	54.0	6.28	AV	218.00	200	Vertical	Pass
6	9748.000	55.12	-2.05	74.0	18.88	Peak	187.00	400	Vertical	Pass
6**	9748.000	52.79	-2.05	54.0	1.21	AV	187.00	400	Vertical	N/A

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	1497.800	48.45	-16.86	74.0	25.55	Peak	73.00	300	Horizontal	Pass
1**	1497.800	40.72	-16.86	54.0	13.28	AV	73.00	300	Horizontal	Pass
2	2461.000	98.53	-11.31	74.0	-24.53	Peak	163.00	200	Horizontal	N/A
2**	2461.000	95.62	-11.31	54.0	-41.62	AV	163.00	200	Horizontal	N/A
3	4531.750	47.94	-4.37	74.0	26.06	Peak	184.00	400	Horizontal	Pass
3**	4531.750	43.19	-4.37	54.0	10.81	AV	184.00	400	Horizontal	Pass
4	7803.500	53.87	0.81	74.0	20.13	Peak	0.00	400	Horizontal	Pass
4**	7803.500	43.98	0.81	54.0	10.02	AV	0.00	400	Horizontal	Pass
5	11792.874	53.29	-0.15	74.0	20.71	Peak	331.00	200	Horizontal	Pass
5**	11792.874	43.16	-0.15	54.0	10.84	AV	331.00	200	Horizontal	Pass
6	16704.037	55.85	2.92	74.0	18.15	Peak	121.00	300	Horizontal	Pass
6**	16704.037	45.32	2.92	54.0	8.68	AV	121.00	300	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	2031.500	50.46	-14.78	74.0	23.54	Peak	347.00	400	Vertical	Pass
1**	2031.500	47.98	-14.78	54.0	6.02	AV	347.00	400	Vertical	Pass
2	2460.900	107.85	-11.30	74.0	-33.85	Peak	5.00	200	Vertical	N/A
2**	2460.900	105.07	-11.30	54.0	-51.07	AV	5.00	200	Vertical	N/A
3	4844.250	53.58	-3.78	74.0	20.42	Peak	204.00	400	Vertical	Pass
3**	4844.250	49.81	-3.78	54.0	4.19	AV	204.00	400	Vertical	Pass
4	4924.250	51.63	-3.53	74.0	22.37	Peak	228.00	100	Vertical	Pass
4**	4924.250	48.61	-3.53	54.0	5.39	AV	228.00	100	Vertical	Pass
5	9848.225	57.40	-2.75	74.0	16.60	Peak	160.00	200	Vertical	Pass
5**	9848.225	55.13	-2.75	54.0	-1.13	AV	160.00	200	Vertical	N/A
6	17466.075	56.61	5.27	74.0	17.39	Peak	336.00	200	Vertical	Pass
6**	17466.075	46.58	5.27	54.0	7.42	AV	336.00	200	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	1487.400	48.26	-17.00	74.0	25.74	Peak	70.00	400	Horizontal	Pass
1**	1487.400	38.73	-17.00	54.0	15.27	AV	70.00	400	Horizontal	Pass
2	2410.500	104.10	-10.41	74.0	-30.10	Peak	11.00	200	Horizontal	N/A
2**	2410.500	94.39	-10.41	54.0	-40.39	AV	11.00	200	Horizontal	N/A
3	4987.750	50.46	-3.16	74.0	23.54	Peak	360.00	200	Horizontal	Pass
3**	4987.750	41.26	-3.16	54.0	12.74	AV	360.00	200	Horizontal	Pass
4	7707.750	53.95	1.53	74.0	20.05	Peak	148.00	400	Horizontal	Pass
4**	7707.750	44.59	1.53	54.0	9.41	AV	148.00	400	Horizontal	Pass
5	11804.037	53.65	-0.19	74.0	20.35	Peak	91.00	300	Horizontal	Pass
5**	11804.037	42.82	-0.19	54.0	11.18	AV	91.00	300	Horizontal	Pass
6	17392.574	56.35	5.08	74.0	17.65	Peak	6.00	200	Horizontal	Pass
6**	17392.574	47.26	5.08	54.0	6.74	AV	6.00	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	2031.200	52.06	-14.67	74.0	21.94	Peak	360.00	400	Vertical	Pass
1**	2031.200	49.74	-14.67	54.0	4.26	AV	360.00	400	Vertical	Pass
2	2406.900	112.45	-10.48	74.0	-38.45	Peak	207.00	100	Vertical	N/A
2**	2406.900	103.36	-10.48	54.0	-49.36	AV	207.00	100	Vertical	N/A
3	4531.750	50.25	-4.37	74.0	23.75	Peak	169.00	400	Vertical	Pass
3**	4531.750	47.46	-4.37	54.0	6.54	AV	169.00	400	Vertical	Pass
4	4844.000	52.72	-3.68	74.0	21.28	Peak	218.00	100	Vertical	Pass
4**	4844.000	49.97	-3.68	54.0	4.03	AV	218.00	100	Vertical	Pass
5	5312.750	51.86	-3.40	74.0	22.14	Peak	218.00	200	Vertical	Pass
5**	5312.750	47.05	-3.40	54.0	6.95	AV	218.00	200	Vertical	Pass
6	9643.975	52.45	-2.74	74.0	21.55	Peak	185.00	400	Vertical	Pass
6**	9643.975	46.89	-2.74	54.0	7.11	AV	185.00	400	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	1497.000	49.30	-16.73	74.0	24.70	Peak	74.00	100	Horizontal	Pass
1**	1497.000	39.94	-16.73	54.0	14.06	AV	74.00	100	Horizontal	Pass
2	2435.400	107.37	-10.17	74.0	-33.37	Peak	166.00	100	Horizontal	N/A
2**	2435.400	97.45	-10.17	54.0	-43.45	AV	166.00	100	Horizontal	N/A
3	4995.500	50.49	-3.18	74.0	23.51	Peak	16.00	100	Horizontal	Pass
3**	4995.500	42.24	-3.18	54.0	11.76	AV	16.00	100	Horizontal	Pass
4	7708.750	53.75	1.82	74.0	20.25	Peak	322.00	200	Horizontal	Pass
4**	7708.750	44.35	1.82	54.0	9.65	AV	322.00	200	Horizontal	Pass
5	12212.775	52.67	0.58	74.0	21.33	Peak	0.00	200	Horizontal	Pass
5**	12212.775	43.73	0.58	54.0	10.27	AV	0.00	200	Horizontal	Pass
6	17450.324	56.36	5.56	74.0	17.64	Peak	230.00	200	Horizontal	Pass
6**	17450.324	46.97	5.56	54.0	7.03	AV	230.00	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	2031.400	51.71	-14.78	74.0	22.29	Peak	360.00	400	Vertical	Pass
1**	2031.400	50.60	-14.78	54.0	3.40	AV	360.00	400	Vertical	Pass
2	2439.000	113.40	-10.28	74.0	-39.40	Peak	300.00	200	Vertical	N/A
2**	2439.000	104.49	-10.28	54.0	-50.49	AV	300.00	200	Vertical	N/A
3	4531.750	50.25	-4.37	74.0	23.75	Peak	223.00	400	Vertical	Pass
3**	4531.750	47.55	-4.37	54.0	6.45	AV	223.00	400	Vertical	Pass
4	4844.250	52.94	-3.78	74.0	21.06	Peak	223.00	100	Vertical	Pass
4**	4844.250	50.72	-3.78	54.0	3.28	AV	223.00	100	Vertical	Pass
5	5313.000	51.05	-3.32	74.0	22.95	Peak	223.00	200	Vertical	Pass
5**	5313.000	47.28	-3.32	54.0	6.72	AV	223.00	200	Vertical	Pass
6	9744.437	56.67	-2.07	74.0	17.33	Peak	226.00	200	Vertical	Pass
6**	9744.437	47.39	-2.07	54.0	6.61	AV	226.00	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	1483.300	48.44	-16.98	74.0	25.56	Peak	70.00	400	Horizontal	Pass
1**	1483.300	39.64	-16.98	54.0	14.36	AV	70.00	400	Horizontal	Pass
2	2460.600	102.20	-11.30	74.0	-28.20	Peak	158.00	150	Horizontal	N/A
2**	2460.600	94.12	-11.30	54.0	-40.12	AV	158.00	150	Horizontal	N/A
3	4996.250	50.22	-3.32	74.0	23.78	Peak	0.00	100	Horizontal	Pass
3**	4996.250	41.39	-3.32	54.0	12.61	AV	0.00	100	Horizontal	Pass
4	7165.250	53.64	0.26	74.0	20.36	Peak	35.00	400	Horizontal	Pass
4**	7165.250	44.77	0.26	54.0	9.23	AV	35.00	400	Horizontal	Pass
5	11701.200	52.48	-0.51	74.0	21.52	Peak	226.00	100	Horizontal	Pass
5**	11701.200	43.41	-0.51	54.0	10.59	AV	226.00	100	Horizontal	Pass
6	16396.650	56.49	3.04	74.0	17.51	Peak	63.00	100	Horizontal	Pass
6**	16396.650	47.06	3.04	54.0	6.94	AV	63.00	100	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	2031.500	51.80	-14.78	74.0	22.20	Peak	360.00	400	Vertical	Pass
1**	2031.500	51.00	-14.78	54.0	3.00	AV	360.00	400	Vertical	Pass
2	2465.500	112.25	-11.29	74.0	-38.25	Peak	25.00	150	Vertical	N/A
2**	2465.500	102.26	-11.29	54.0	-48.26	AV	25.00	150	Vertical	N/A
3	4531.750	51.21	-4.37	74.0	22.79	Peak	215.00	400	Vertical	Pass
3**	4531.750	47.65	-4.37	54.0	6.35	AV	215.00	400	Vertical	Pass
4	4844.000	52.95	-3.68	74.0	21.05	Peak	215.00	100	Vertical	Pass
4**	4844.000	50.92	-3.68	54.0	3.08	AV	215.00	100	Vertical	Pass
5	5312.750	52.38	-3.40	74.0	21.62	Peak	235.00	200	Vertical	Pass
5**	5312.750	47.88	-3.40	54.0	6.12	AV	235.00	200	Vertical	Pass
6	9846.563	56.66	-2.73	74.0	17.34	Peak	161.00	200	Vertical	Pass
6**	9846.563	46.71	-2.73	54.0	7.29	AV	161.00	200	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	1480.500	48.25	-16.88	74.0	25.75	Peak	74.00	400	Horizontal	Pass
1**	1480.500	38.30	-16.88	54.0	15.70	AV	74.00	400	Horizontal	Pass
2	2410.000	104.23	-10.38	74.0	-30.23	Peak	161.00	200	Horizontal	N/A
2**	2410.000	94.43	-10.38	54.0	-40.43	AV	161.00	200	Horizontal	N/A
3	4532.000	47.46	-4.35	74.0	26.54	Peak	113.00	400	Horizontal	Pass
3**	4532.000	43.47	-4.35	54.0	10.53	AV	113.00	400	Horizontal	Pass
4	7529.000	54.06	-0.14	74.0	19.94	Peak	18.00	400	Horizontal	Pass
4**	7529.000	42.88	-0.14	54.0	11.12	AV	18.00	400	Horizontal	Pass
5	11795.013	52.88	-0.15	74.0	21.12	Peak	225.00	100	Horizontal	Pass
5**	11795.013	43.63	-0.15	54.0	10.37	AV	225.00	100	Horizontal	Pass
6	16404.262	56.51	3.11	74.0	17.49	Peak	339.00	300	Horizontal	Pass
6**	16404.262	46.67	3.11	54.0	7.33	AV	339.00	300	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	2031.400	52.86	-14.78	74.0	21.14	Peak	360.00	400	Vertical	Pass
1**	2031.400	50.86	-14.78	54.0	3.14	AV	360.00	400	Vertical	Pass
2	2413.200	112.93	-10.45	74.0	-38.93	Peak	335.00	100	Vertical	N/A
2**	2413.200	104.46	-10.45	54.0	-50.46	AV	335.00	100	Vertical	N/A
3	4531.500	51.76	-4.46	74.0	22.24	Peak	216.00	400	Vertical	Pass
3**	4531.500	47.21	-4.46	54.0	6.79	AV	216.00	400	Vertical	Pass
4	4844.250	52.73	-3.78	74.0	21.27	Peak	216.00	100	Vertical	Pass
4**	4844.250	50.29	-3.78	54.0	3.71	AV	216.00	100	Vertical	Pass
5	5313.250	51.15	-3.32	74.0	22.85	Peak	216.00	200	Vertical	Pass
5**	5313.250	48.43	-3.32	54.0	5.57	AV	216.00	200	Vertical	Pass
6	9653.474	55.46	-2.67	74.0	18.54	Peak	181.00	400	Vertical	Pass
6**	9653.474	46.84	-2.67	54.0	7.16	AV	181.00	400	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	1490.600	49.46	-17.11	74.0	24.54	Peak	73.00	400	Horizontal	Pass
1**	1490.600	40.62	-17.11	54.0	13.38	AV	73.00	400	Horizontal	Pass
2	2438.400	105.78	-9.92	74.0	-31.78	Peak	164.00	100	Horizontal	N/A
2**	2438.400	97.63	-9.92	54.0	-43.63	AV	164.00	100	Horizontal	N/A
3	4983.500	50.51	-3.37	74.0	23.49	Peak	36.00	200	Horizontal	Pass
3**	4983.500	40.66	-3.37	54.0	13.34	AV	36.00	200	Horizontal	Pass
4	7243.750	53.27	-0.49	74.0	20.73	Peak	360.00	200	Horizontal	Pass
4**	7243.750	43.00	-0.49	54.0	11.00	AV	360.00	200	Horizontal	Pass
5	12509.887	52.82	1.38	74.0	21.18	Peak	0.00	300	Horizontal	Pass
5**	12509.887	42.50	1.38	54.0	11.50	AV	0.00	300	Horizontal	Pass
6	17409.636	55.71	5.45	74.0	18.29	Peak	212.00	400	Horizontal	Pass
6**	17409.636	46.63	5.45	54.0	7.37	AV	212.00	400	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	2031.400	52.63	-14.78	74.0	21.37	Peak	2.00	400	Vertical	Pass
1**	2031.400	50.77	-14.78	54.0	3.23	AV	2.00	400	Vertical	Pass
2	2435.800	112.62	-10.14	74.0	-38.62	Peak	170.00	200	Vertical	N/A
2**	2435.800	104.77	-10.14	54.0	-50.77	AV	170.00	200	Vertical	N/A
3	4531.750	51.42	-4.37	74.0	22.58	Peak	206.00	400	Vertical	Pass
3**	4531.750	47.68	-4.37	54.0	6.32	AV	206.00	400	Vertical	Pass
4	4844.250	53.84	-3.78	74.0	20.16	Peak	228.00	100	Vertical	Pass
4**	4844.250	50.55	-3.78	54.0	3.45	AV	228.00	100	Vertical	Pass
5	5312.750	51.91	-3.40	74.0	22.09	Peak	228.00	200	Vertical	Pass
5**	5312.750	47.61	-3.40	54.0	6.39	AV	228.00	200	Vertical	Pass
6	9742.063	58.64	-2.08	74.0	15.36	Peak	182.00	200	Vertical	Pass
6**	9742.063	45.82	-2.08	54.0	8.18	AV	182.00	200	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	1495.400	49.10	-17.09	74.0	24.90	Peak	71.00	100	Horizontal	Pass
1**	1495.400	39.59	-17.09	54.0	14.41	AV	71.00	100	Horizontal	Pass
2	2460.300	102.14	-11.28	74.0	-28.14	Peak	159.00	200	Horizontal	N/A
2**	2460.300	94.17	-11.28	54.0	-40.17	AV	159.00	200	Horizontal	N/A
3	4998.000	50.59	-3.45	74.0	23.41	Peak	360.00	200	Horizontal	Pass
3**	4998.000	40.81	-3.45	54.0	13.19	AV	360.00	200	Horizontal	Pass
4	7709.250	54.53	1.90	74.0	19.47	Peak	259.00	400	Horizontal	Pass
4**	7709.250	45.50	1.90	54.0	8.50	AV	259.00	400	Horizontal	Pass
5	12926.925	52.74	1.34	74.0	21.26	Peak	149.00	100	Horizontal	Pass
5**	12926.925	42.70	1.34	54.0	11.30	AV	149.00	100	Horizontal	Pass
6	17410.949	56.55	5.46	74.0	17.45	Peak	360.00	300	Horizontal	Pass
6**	17410.949	47.90	5.46	54.0	6.10	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	2031.300	52.47	-14.78	74.0	21.53	Peak	346.00	400	Vertical	Pass
1**	2031.300	50.54	-14.78	54.0	3.46	AV	346.00	400	Vertical	Pass
2	2462.500	111.57	-11.44	74.0	-37.57	Peak	195.00	100	Vertical	N/A
2**	2462.500	103.07	-11.44	54.0	-49.07	AV	195.00	100	Vertical	N/A
3	4531.750	52.20	-4.37	74.0	21.80	Peak	235.00	400	Vertical	Pass
3**	4531.750	47.60	-4.37	54.0	6.40	AV	235.00	400	Vertical	Pass
4	4844.250	52.00	-3.78	74.0	22.00	Peak	215.00	100	Vertical	Pass
4**	4844.250	50.24	-3.78	54.0	3.76	AV	215.00	100	Vertical	Pass
5	5297.000	51.89	-2.84	74.0	22.11	Peak	35.00	150	Vertical	Pass
5**	5297.000	47.44	-2.84	54.0	6.56	AV	35.00	150	Vertical	Pass
6	9839.912	55.41	-2.66	74.0	18.59	Peak	170.00	400	Vertical	Pass
6**	9839.912	47.73	-2.66	54.0	6.27	AV	170.00	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	1515.600	48.30	-17.01	74.0	25.70	Peak	76.00	100	Horizontal	Pass
1**	1515.600	38.84	-17.01	54.0	15.16	AV	76.00	100	Horizontal	Pass
2	2424.600	101.70	-10.47	74.0	-27.70	Peak	247.00	100	Horizontal	N/A
2**	2424.600	93.03	-10.47	54.0	-39.03	AV	247.00	100	Horizontal	N/A
3	4996.500	50.91	-3.31	74.0	23.09	Peak	38.00	150	Horizontal	Pass
3**	4996.500	40.92	-3.31	54.0	13.08	AV	38.00	150	Horizontal	Pass
4	7353.500	53.73	0.34	74.0	20.27	Peak	342.00	100	Horizontal	Pass
4**	7353.500	44.38	0.34	54.0	9.62	AV	342.00	100	Horizontal	Pass
5	11760.575	52.64	-0.19	74.0	21.36	Peak	5.00	100	Horizontal	Pass
5**	11760.575	43.68	-0.19	54.0	10.32	AV	5.00	100	Horizontal	Pass
6	16084.799	56.31	1.55	74.0	17.69	Peak	89.00	300	Horizontal	Pass
6**	16084.799	44.78	1.55	54.0	9.22	AV	89.00	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	2031.300	52.38	-14.78	74.0	21.62	Peak	0.00	400	Vertical	Pass
1**	2031.300	50.42	-14.78	54.0	3.58	AV	0.00	400	Vertical	Pass
2	2420.700	110.15	-10.19	74.0	-36.15	Peak	27.00	200	Vertical	N/A
2**	2420.700	101.69	-10.19	54.0	-47.69	AV	27.00	200	Vertical	N/A
3	4531.500	51.42	-4.46	74.0	22.58	Peak	215.00	400	Vertical	Pass
3**	4531.500	47.04	-4.46	54.0	6.96	AV	215.00	400	Vertical	Pass
4	4844.250	53.17	-3.78	74.0	20.83	Peak	215.00	100	Vertical	Pass
4**	4844.250	50.99	-3.78	54.0	3.01	AV	215.00	100	Vertical	Pass
5	5313.000	51.94	-3.32	74.0	22.06	Peak	215.00	150	Vertical	Pass
5**	5313.000	47.54	-3.32	54.0	6.46	AV	215.00	150	Vertical	Pass
6	9698.600	53.80	-2.33	74.0	20.20	Peak	180.00	100	Vertical	Pass
6**	9698.600	43.66	-2.33	54.0	10.34	AV	180.00	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	1500.700	48.33	-16.92	74.0	25.67	Peak	75.00	300	Horizontal	Pass
1**	1500.700	39.70	-16.92	54.0	14.30	AV	75.00	300	Horizontal	Pass
2	2435.300	102.54	-10.19	74.0	-28.54	Peak	156.00	150	Horizontal	N/A
2**	2435.300	93.63	-10.19	54.0	-39.63	AV	156.00	150	Horizontal	N/A
3	4987.000	50.30	-3.07	74.0	23.70	Peak	0.00	150	Horizontal	Pass
3**	4987.000	42.12	-3.07	54.0	11.88	AV	0.00	150	Horizontal	Pass
4	7678.250	53.91	1.13	74.0	20.09	Peak	99.00	100	Horizontal	Pass
4**	7678.250	45.19	1.13	54.0	8.81	AV	99.00	100	Horizontal	Pass
5	11755.825	52.72	-0.19	74.0	21.28	Peak	185.00	200	Horizontal	Pass
5**	11755.825	44.38	-0.19	54.0	9.62	AV	185.00	200	Horizontal	Pass
6	17393.099	56.00	5.11	74.0	18.00	Peak	150.00	100	Horizontal	Pass
6**	17393.099	46.18	5.11	54.0	7.82	AV	150.00	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	2031.400	52.52	-14.78	74.0	21.48	Peak	0.00	400	Vertical	Pass
1**	2031.400	50.63	-14.78	54.0	3.37	AV	0.00	400	Vertical	Pass
2	2438.300	111.24	-10.02	74.0	-37.24	Peak	351.00	200	Vertical	N/A
2**	2438.300	102.01	-10.02	54.0	-48.01	AV	351.00	200	Vertical	N/A
3	4532.000	50.22	-4.35	74.0	23.78	Peak	210.00	400	Vertical	Pass
3**	4532.000	46.80	-4.35	54.0	7.20	AV	210.00	400	Vertical	Pass
4	4844.250	52.46	-3.78	74.0	21.54	Peak	188.00	100	Vertical	Pass
4**	4844.250	50.63	-3.78	54.0	3.37	AV	188.00	100	Vertical	Pass
5	5312.750	52.62	-3.40	74.0	21.38	Peak	188.00	150	Vertical	Pass
5**	5312.750	46.56	-3.40	54.0	7.44	AV	188.00	150	Vertical	Pass
6	9749.662	53.49	-2.04	74.0	20.51	Peak	184.00	400	Vertical	Pass
6**	9749.662	44.64	-2.04	54.0	9.36	AV	184.00	400	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	1505.300	48.32	-17.03	74.0	25.68	Peak	86.00	400	Horizontal	Pass
1**	1505.300	39.34	-17.03	54.0	14.66	AV	86.00	400	Horizontal	Pass
2	2445.400	100.67	-10.08	74.0	-26.67	Peak	164.00	100	Horizontal	N/A
2**	2445.400	91.31	-10.08	54.0	-37.31	AV	164.00	100	Horizontal	N/A
3	4983.000	50.17	-3.44	74.0	23.83	Peak	319.00	150	Horizontal	Pass
3**	4983.000	40.85	-3.44	54.0	13.15	AV	319.00	150	Horizontal	Pass
4	7430.750	53.74	1.20	74.0	20.26	Peak	118.00	100	Horizontal	Pass
4**	7430.750	43.97	1.20	54.0	10.03	AV	118.00	100	Horizontal	Pass
5	11802.138	52.60	-0.17	74.0	21.40	Peak	96.00	400	Horizontal	Pass
5**	11802.138	43.68	-0.17	54.0	10.32	AV	96.00	400	Horizontal	Pass
6	17434.575	57.71	5.52	74.0	16.29	Peak	235.00	200	Horizontal	Pass
6**	17434.575	47.95	5.52	54.0	6.05	AV	235.00	200	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	2031.400	52.63	-14.78	74.0	21.37	Peak	359.00	100	Vertical	Pass
1**	2031.400	50.51	-14.78	54.0	3.49	AV	359.00	100	Vertical	Pass
2	2449.700	110.27	-10.37	74.0	-36.27	Peak	359.00	100	Vertical	N/A
2**	2449.700	102.15	-10.37	54.0	-48.15	AV	359.00	100	Vertical	N/A
3	4531.750	51.42	-4.37	74.0	22.58	Peak	202.00	100	Vertical	Pass
3**	4531.750	47.36	-4.37	54.0	6.64	AV	202.00	100	Vertical	Pass
4	4844.250	52.26	-3.78	74.0	21.74	Peak	202.00	150	Vertical	Pass
4**	4844.250	50.71	-3.78	54.0	3.29	AV	202.00	150	Vertical	Pass
5	5321.250	51.45	-2.95	74.0	22.55	Peak	243.00	100	Vertical	Pass
5**	5321.250	48.52	-2.95	54.0	5.48	AV	243.00	100	Vertical	Pass
6	9816.162	54.93	-2.39	74.0	19.07	Peak	191.00	200	Vertical	Pass
6**	9816.162	45.29	-2.39	54.0	8.71	AV	191.00	200	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	1490.800	49.26	-17.13	74.0	24.74	Peak	69.00	300	Horizontal	Pass
1**	1490.800	38.78	-17.13	54.0	15.22	AV	69.00	300	Horizontal	Pass
2	2408.200	103.42	-10.40	74.0	-29.42	Peak	227.00	200	Horizontal	N/A
2**	2408.200	94.28	-10.40	54.0	-40.28	AV	227.00	200	Horizontal	N/A
3	4986.000	52.03	-3.09	74.0	21.97	Peak	43.00	100	Horizontal	Pass
3**	4986.000	40.67	-3.09	54.0	13.33	AV	43.00	100	Horizontal	Pass
4	7806.250	54.35	0.65	74.0	19.65	Peak	89.00	100	Horizontal	Pass
4**	7806.250	44.55	0.65	54.0	9.45	AV	89.00	100	Horizontal	Pass
5	11750.838	52.67	-0.20	74.0	21.33	Peak	124.00	400	Horizontal	Pass
5**	11750.838	43.34	-0.20	54.0	10.66	AV	124.00	400	Horizontal	Pass
6	17444.551	56.40	5.55	74.0	17.60	Peak	238.00	400	Horizontal	Pass
6**	17444.551	48.56	5.55	54.0	5.44	AV	238.00	400	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	2031.300	52.00	-14.78	74.0	22.00	Peak	360.00	100	Vertical	Pass
1**	2031.300	50.81	-14.78	54.0	3.19	AV	360.00	100	Vertical	Pass
2	2411.700	112.19	-10.02	74.0	-38.19	Peak	257.00	150	Vertical	N/A
2**	2411.700	104.68	-10.02	54.0	-50.68	AV	257.00	150	Vertical	N/A
3	4531.500	51.64	-4.46	74.0	22.36	Peak	218.00	100	Vertical	Pass
3**	4531.500	47.41	-4.46	54.0	6.59	AV	218.00	100	Vertical	Pass
4	4844.250	52.74	-3.78	74.0	21.26	Peak	218.00	150	Vertical	Pass
4**	4844.250	49.82	-3.78	54.0	4.18	AV	218.00	150	Vertical	Pass
5	5312.750	51.31	-3.40	74.0	22.69	Peak	239.00	100	Vertical	Pass
5**	5312.750	47.13	-3.40	54.0	6.87	AV	239.00	100	Vertical	Pass
6	9656.563	52.40	-2.65	74.0	21.60	Peak	181.00	150	Vertical	Pass
6**	9656.563	47.44	-2.65	54.0	6.56	AV	181.00	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	1488.800	48.39	-17.02	74.0	25.61	Peak	81.00	100	Horizontal	Pass
1**	1488.800	39.21	-17.02	54.0	14.79	AV	81.00	100	Horizontal	Pass
2	2437.600	104.96	-10.20	74.0	-30.96	Peak	159.00	150	Horizontal	N/A
2**	2437.600	96.95	-10.20	54.0	-42.95	AV	159.00	150	Horizontal	N/A
3	4985.000	50.10	-3.28	74.0	23.90	Peak	0.00	150	Horizontal	Pass
3**	4985.000	41.27	-3.28	54.0	12.73	AV	0.00	150	Horizontal	Pass
4	7311.000	54.00	0.49	74.0	20.00	Peak	330.00	400	Horizontal	Pass
4**	7311.000	43.16	0.49	54.0	10.84	AV	330.00	400	Horizontal	Pass
5	11805.938	52.69	-0.21	74.0	21.31	Peak	139.00	100	Horizontal	Pass
5**	11805.938	43.05	-0.21	54.0	10.95	AV	139.00	100	Horizontal	Pass
6	17458.989	55.75	5.40	74.0	18.25	Peak	174.00	300	Horizontal	Pass
6**	17458.989	46.83	5.40	54.0	7.17	AV	174.00	300	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	2031.400	52.46	-14.78	74.0	21.54	Peak	360.00	100	Vertical	Pass
1**	2031.400	50.42	-14.78	54.0	3.58	AV	360.00	100	Vertical	Pass
2	2438.700	112.73	-10.11	74.0	-38.73	Peak	360.00	200	Vertical	N/A
2**	2438.700	104.93	-10.11	54.0	-50.93	AV	360.00	200	Vertical	N/A
3	4531.500	51.04	-4.46	74.0	22.96	Peak	221.00	100	Vertical	Pass
3**	4531.500	47.52	-4.46	54.0	6.48	AV	221.00	100	Vertical	Pass
4	4844.250	52.59	-3.78	74.0	21.41	Peak	221.00	150	Vertical	Pass
4**	4844.250	50.69	-3.78	54.0	3.31	AV	221.00	150	Vertical	Pass
5	5313.000	52.23	-3.32	74.0	21.77	Peak	221.00	100	Vertical	Pass
5**	5313.000	47.24	-3.32	54.0	6.76	AV	221.00	100	Vertical	Pass
6	9747.287	57.31	-2.05	74.0	16.69	Peak	158.00	400	Vertical	Pass
6**	9747.287	47.62	-2.05	54.0	6.38	AV	158.00	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	1491.500	49.11	-17.10	74.0	24.89	Peak	73.00	200	Horizontal	Pass
1**	1491.500	39.76	-17.10	54.0	14.24	AV	73.00	200	Horizontal	Pass
2	2463.700	102.05	-11.23	74.0	-28.05	Peak	153.00	150	Horizontal	N/A
2**	2463.700	93.09	-11.23	54.0	-39.09	AV	153.00	150	Horizontal	N/A
3	4531.750	47.43	-4.37	74.0	26.57	Peak	277.00	200	Horizontal	Pass
3**	4531.750	44.08	-4.37	54.0	9.92	AV	277.00	200	Horizontal	Pass
4	7496.000	54.35	1.05	74.0	19.65	Peak	216.00	200	Horizontal	Pass
4**	7496.000	44.99	1.05	54.0	9.01	AV	216.00	200	Horizontal	Pass
5	12407.050	52.56	1.10	74.0	21.44	Peak	32.00	400	Horizontal	Pass
5**	12407.050	43.22	1.10	54.0	10.78	AV	32.00	400	Horizontal	Pass
6	17409.374	55.94	5.45	74.0	18.06	Peak	220.00	400	Horizontal	Pass
6**	17409.374	46.60	5.45	54.0	7.40	AV	220.00	400	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	2031.400	52.29	-14.78	74.0	21.71	Peak	360.00	150	Vertical	Pass
1**	2031.400	50.96	-14.78	54.0	3.04	AV	360.00	150	Vertical	Pass
2	2461.100	111.84	-11.35	74.0	-37.84	Peak	45.00	100	Vertical	N/A
2**	2461.100	103.89	-11.35	54.0	-49.89	AV	45.00	100	Vertical	N/A
3	4531.750	50.52	-4.37	74.0	23.48	Peak	237.00	100	Vertical	Pass
3**	4531.750	47.97	-4.37	54.0	6.03	AV	237.00	100	Vertical	Pass
4	4844.250	52.78	-3.78	74.0	21.22	Peak	216.00	100	Vertical	Pass
4**	4844.250	49.96	-3.78	54.0	4.04	AV	216.00	100	Vertical	Pass
5	5313.000	51.33	-3.32	74.0	22.67	Peak	216.00	100	Vertical	Pass
5**	5313.000	46.73	-3.32	54.0	7.27	AV	216.00	100	Vertical	Pass
6	9850.599	57.08	-2.77	74.0	16.92	Peak	156.00	300	Vertical	Pass
6**	9850.599	47.01	-2.77	54.0	6.99	AV	156.00	300	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	1496.000	48.37	-16.96	74.0	25.63	Peak	73.00	400	Horizontal	Pass
1**	1496.000	38.36	-16.96	54.0	15.64	AV	73.00	400	Horizontal	Pass
2	2420.900	101.85	-10.09	74.0	-27.85	Peak	247.00	100	Horizontal	N/A
2**	2420.900	93.83	-10.09	54.0	-39.83	AV	247.00	100	Horizontal	N/A
3	4980.500	50.12	-3.34	74.0	23.88	Peak	360.00	100	Horizontal	Pass
3**	4980.500	42.00	-3.34	54.0	12.00	AV	360.00	100	Horizontal	Pass
4	7685.750	53.63	1.54	74.0	20.37	Peak	142.00	400	Horizontal	Pass
4**	7685.750	44.63	1.54	54.0	9.37	AV	142.00	400	Horizontal	Pass
5	12257.188	52.76	1.03	74.0	21.24	Peak	234.00	200	Horizontal	Pass
5**	12257.188	43.09	1.03	54.0	10.91	AV	234.00	200	Horizontal	Pass
6	17412.786	56.24	5.46	74.0	17.76	Peak	59.00	100	Horizontal	Pass
6**	17412.786	46.82	5.46	54.0	7.18	AV	59.00	100	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	2031.500	52.35	-14.78	74.0	21.65	Peak	0.00	100	Vertical	Pass
1**	2031.500	50.77	-14.78	54.0	3.23	AV	0.00	100	Vertical	Pass
2	2423.800	110.64	-10.30	74.0	-36.64	Peak	292.00	400	Vertical	N/A
2**	2423.800	101.15	-10.30	54.0	-47.15	AV	292.00	400	Vertical	N/A
3	4531.500	51.27	-4.46	74.0	22.73	Peak	222.00	200	Vertical	Pass
3**	4531.500	47.20	-4.46	54.0	6.80	AV	222.00	200	Vertical	Pass
4	4844.250	53.61	-3.78	74.0	20.39	Peak	222.00	100	Vertical	Pass
4**	4844.250	50.64	-3.78	54.0	3.36	AV	222.00	100	Vertical	Pass
5	5312.750	51.17	-3.40	74.0	22.83	Peak	242.00	200	Vertical	Pass
5**	5312.750	46.32	-3.40	54.0	7.68	AV	242.00	200	Vertical	Pass
6	9684.588	53.50	-2.43	74.0	20.50	Peak	169.00	100	Vertical	Pass
6**	9684.588	47.41	-2.43	54.0	6.59	AV	169.00	100	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	1491.000	48.59	-17.23	74.0	25.41	Peak	72.00	300	Horizontal	Pass
1**	1491.000	38.21	-17.23	54.0	15.79	AV	72.00	300	Horizontal	Pass
2	2437.500	102.56	-10.24	74.0	-28.56	Peak	170.00	100	Horizontal	N/A
2**	2437.500	93.48	-10.24	54.0	-39.48	AV	170.00	100	Horizontal	N/A
3	4991.000	49.94	-3.22	74.0	24.06	Peak	360.00	150	Horizontal	Pass
3**	4991.000	40.65	-3.22	54.0	13.35	AV	360.00	150	Horizontal	Pass
4	7866.500	53.80	1.62	74.0	20.20	Peak	160.00	300	Horizontal	Pass
4**	7866.500	44.66	1.62	54.0	9.34	AV	160.00	300	Horizontal	Pass
5	11769.838	52.49	-0.18	74.0	21.51	Peak	317.00	100	Horizontal	Pass
5**	11769.838	44.03	-0.18	54.0	9.97	AV	317.00	100	Horizontal	Pass
6	17418.562	56.17	5.48	74.0	17.83	Peak	143.00	300	Horizontal	Pass
6**	17418.562	46.38	5.48	54.0	7.62	AV	143.00	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	2031.400	52.63	-14.78	74.0	21.37	Peak	0.00	150	Vertical	Pass
1**	2031.400	50.81	-14.78	54.0	3.19	AV	0.00	150	Vertical	Pass
2	2438.500	110.49	-9.93	74.0	-36.49	Peak	288.00	200	Vertical	N/A
2**	2438.500	101.73	-9.93	54.0	-47.73	AV	288.00	200	Vertical	N/A
3	4531.500	50.35	-4.46	74.0	23.65	Peak	201.00	150	Vertical	Pass
3**	4531.500	46.82	-4.46	54.0	7.18	AV	201.00	150	Vertical	Pass
4	4844.250	53.92	-3.78	74.0	20.08	Peak	201.00	150	Vertical	Pass
4**	4844.250	50.36	-3.78	54.0	3.64	AV	201.00	150	Vertical	Pass
5	5313.000	52.09	-3.32	74.0	21.91	Peak	221.00	150	Vertical	Pass
5**	5313.000	47.65	-3.32	54.0	6.35	AV	221.00	150	Vertical	Pass
6	9745.388	54.70	-2.06	74.0	19.30	Peak	193.00	400	Vertical	Pass
6**	9745.388	45.19	-2.06	54.0	8.81	AV	193.00	400	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	1497.100	48.69	-16.69	74.0	25.31	Peak	76.00	200	Horizontal	Pass
1**	1497.100	39.51	-16.69	54.0	14.49	AV	76.00	200	Horizontal	Pass
2	2449.100	100.92	-10.20	74.0	-26.92	Peak	166.00	200	Horizontal	N/A
2**	2449.100	93.02	-10.20	54.0	-39.02	AV	166.00	200	Horizontal	N/A
3	4986.250	50.67	-3.12	74.0	23.33	Peak	360.00	150	Horizontal	Pass
3**	4986.250	41.91	-3.12	54.0	12.09	AV	360.00	150	Horizontal	Pass
4	7742.750	53.68	0.60	74.0	20.32	Peak	265.00	200	Horizontal	Pass
4**	7742.750	44.68	0.60	54.0	9.32	AV	265.00	200	Horizontal	Pass
5	12207.549	52.77	0.51	74.0	21.23	Peak	303.00	300	Horizontal	Pass
5**	12207.549	42.43	0.51	54.0	11.57	AV	303.00	300	Horizontal	Pass
6	16420.275	56.40	2.90	74.0	17.60	Peak	176.00	400	Horizontal	Pass
6**	16420.275	46.67	2.90	54.0	7.33	AV	176.00	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	2031.400	52.63	-14.78	74.0	21.37	Peak	351.00	150	Vertical	Pass
1**	2031.400	50.77	-14.78	54.0	3.23	AV	351.00	150	Vertical	Pass
2	2451.100	110.38	-10.34	74.0	-36.38	Peak	6.00	150	Vertical	N/A
2**	2451.100	101.94	-10.34	54.0	-47.94	AV	6.00	150	Vertical	N/A
3	4531.750	50.09	-4.37	74.0	23.91	Peak	205.00	150	Vertical	Pass
3**	4531.750	48.04	-4.37	54.0	5.96	AV	205.00	150	Vertical	Pass
4	4844.500	52.01	-3.74	74.0	21.99	Peak	185.00	150	Vertical	Pass
4**	4844.500	50.11	-3.74	54.0	3.89	AV	185.00	150	Vertical	Pass
5	5313.000	52.46	-3.32	74.0	21.54	Peak	225.00	150	Vertical	Pass
5**	5313.000	47.72	-3.32	54.0	6.28	AV	225.00	150	Vertical	Pass
6	9810.700	55.19	-2.33	74.0	18.81	Peak	226.00	300	Vertical	Pass
6**	9810.700	47.47	-2.33	54.0	6.53	AV	226.00	300	Vertical	Pass

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

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

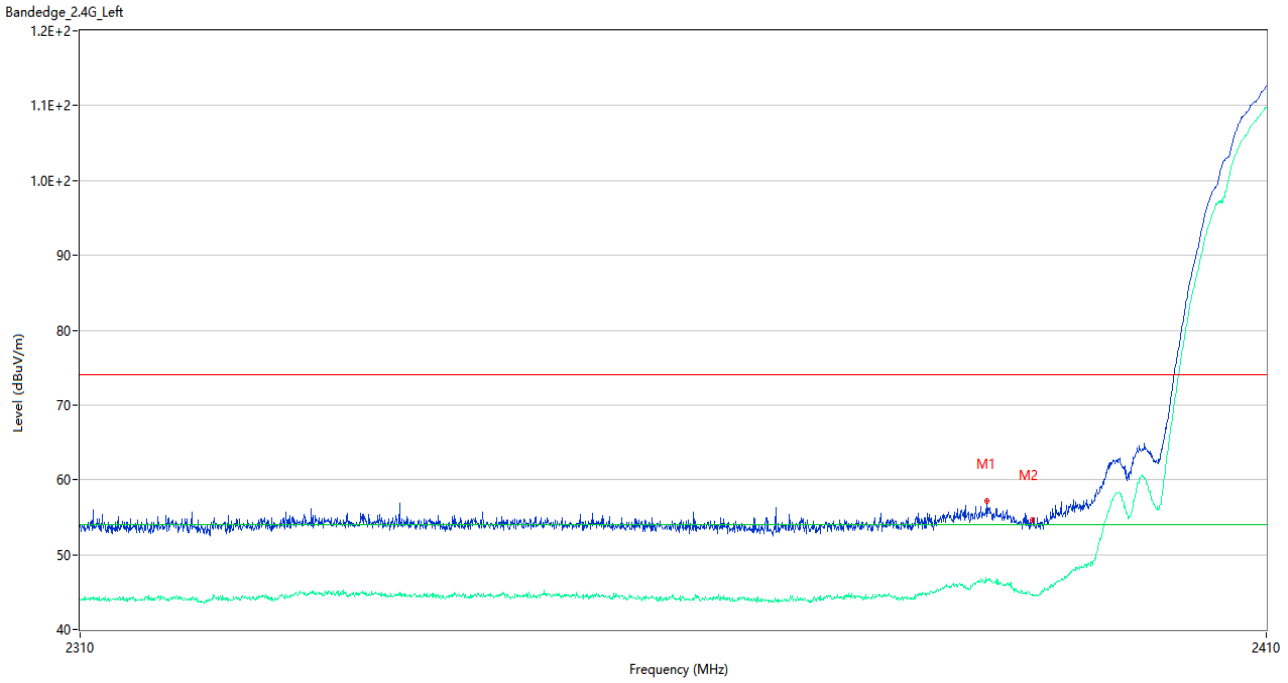
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

Note [4]: All antenna were tested, but only the worst case has been reported in this report.

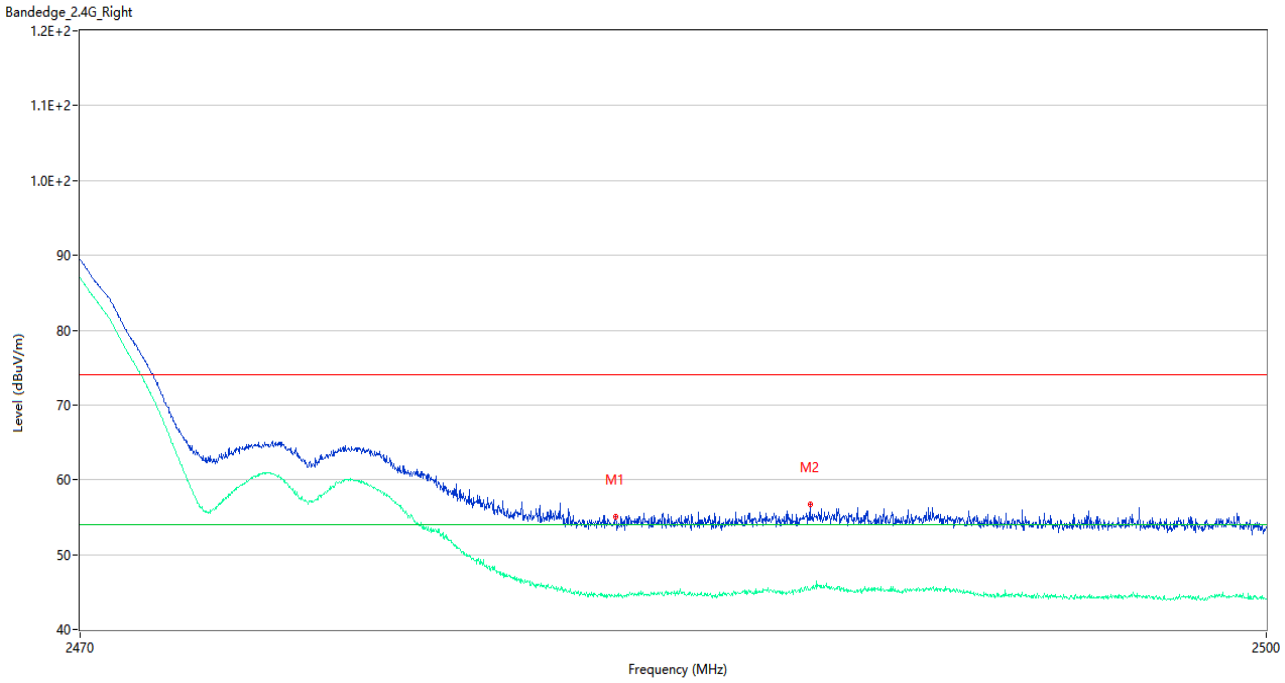
Test Data and Plots

802.11b LOW CHANNEL



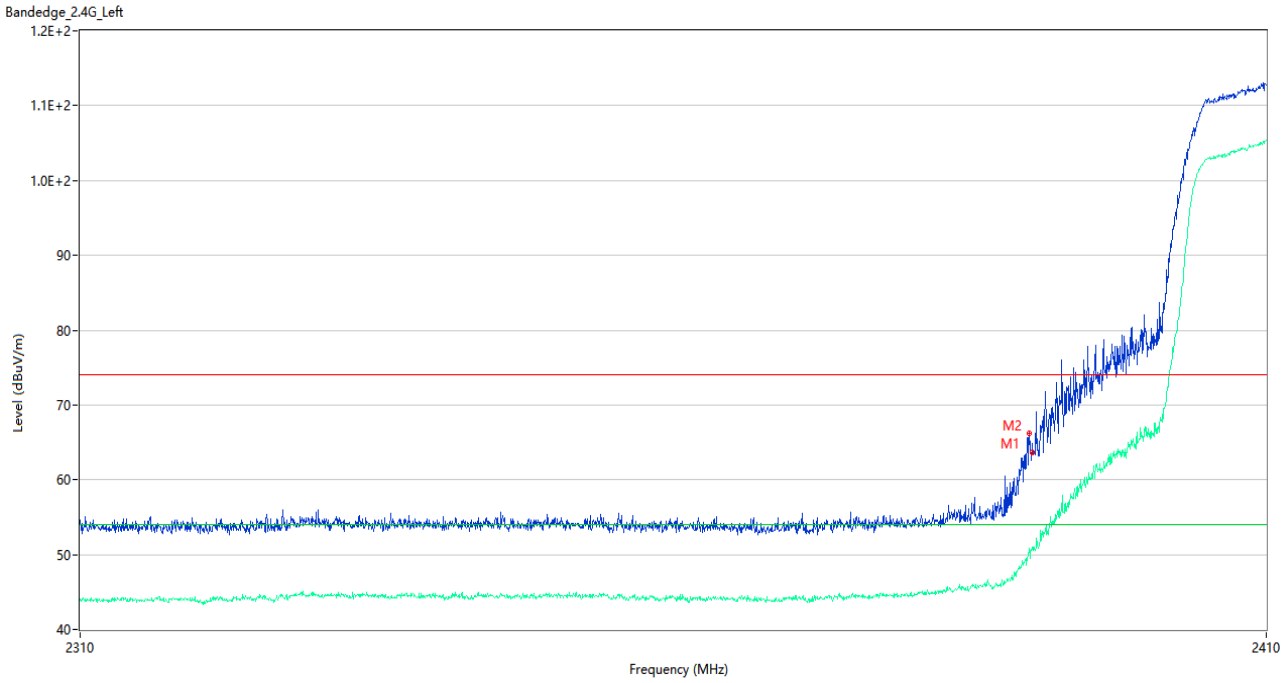
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.100	57.10	-1.37	74.0	16.90	Peak	8.00	200	Vertical	Pass
1**	2386.100	46.53	-1.37	54.0	7.47	AV	8.00	200	Vertical	Pass
2	2389.950	53.40	-1.82	74.0	20.60	Peak	268.00	200	Vertical	Pass
2**	2389.950	44.55	-1.82	54.0	9.45	AV	268.00	200	Vertical	Pass

802.11b HIGH CHANNEL



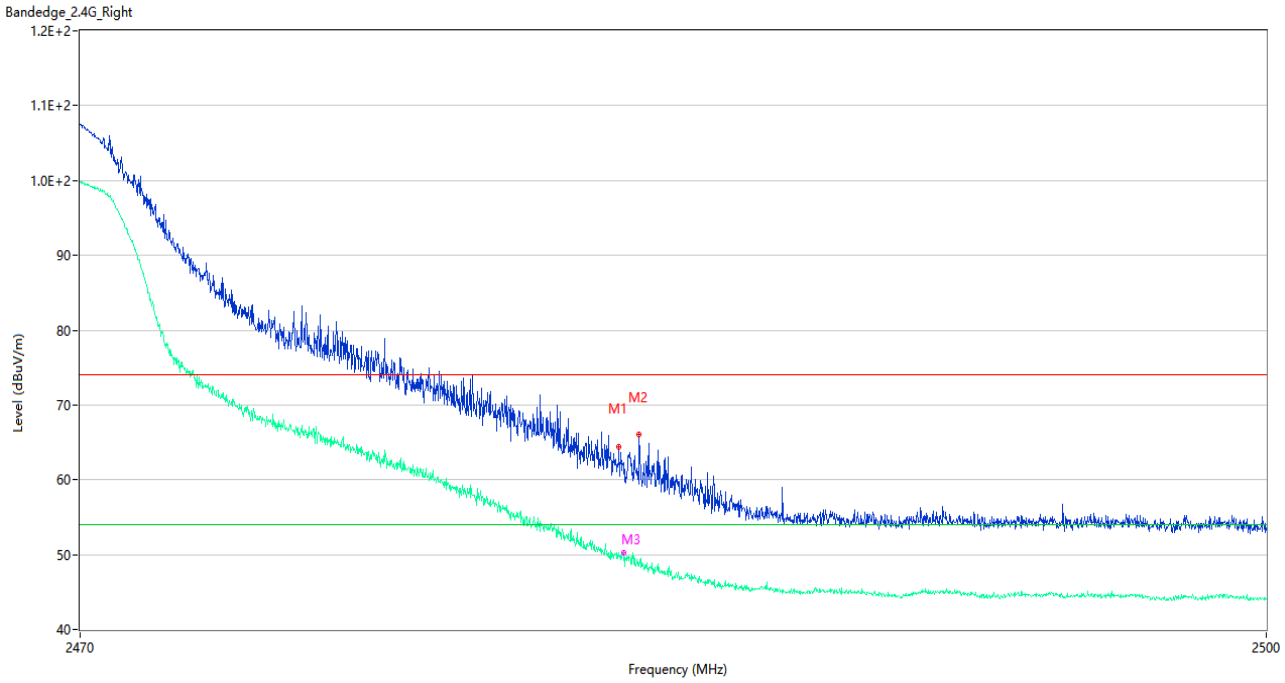
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.00	-1.10	74.0	19.00	Peak	206.00	200	Vertical	Pass
1**	2483.500	44.56	-1.10	54.0	9.44	AV	206.00	200	Vertical	Pass
2	2488.420	56.71	-0.95	74.0	17.29	Peak	218.00	200	Vertical	Pass
2**	2488.420	45.20	-0.95	54.0	8.80	AV	218.00	200	Vertical	Pass

802.11g LOW CHANNEL



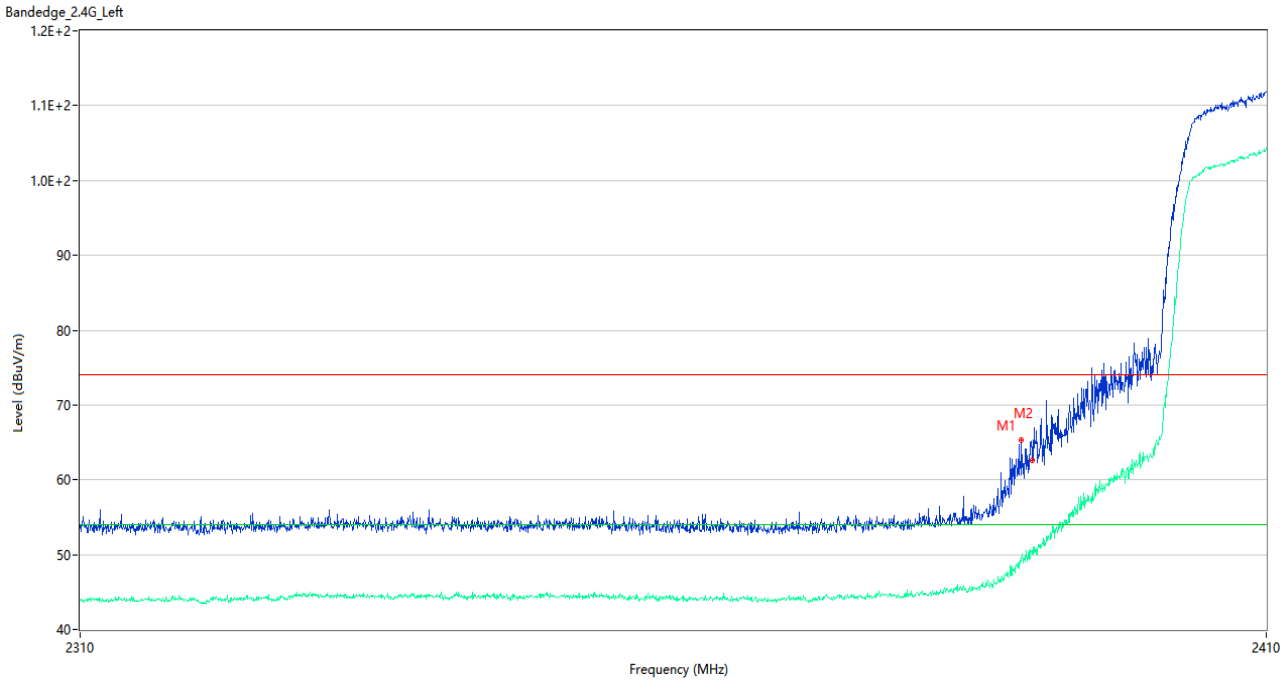
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.650	66.24	-1.75	74.0	7.76	Peak	14.00	100	Vertical	Pass
1**	2389.650	50.77	-1.75	54.0	3.23	AV	14.00	100	Vertical	Pass
2	2389.950	63.65	-1.82	74.0	10.35	Peak	14.00	200	Vertical	Pass
2**	2389.950	50.79	-1.82	54.0	3.21	AV	14.00	200	Vertical	Pass

802.11g HIGH CHANNEL



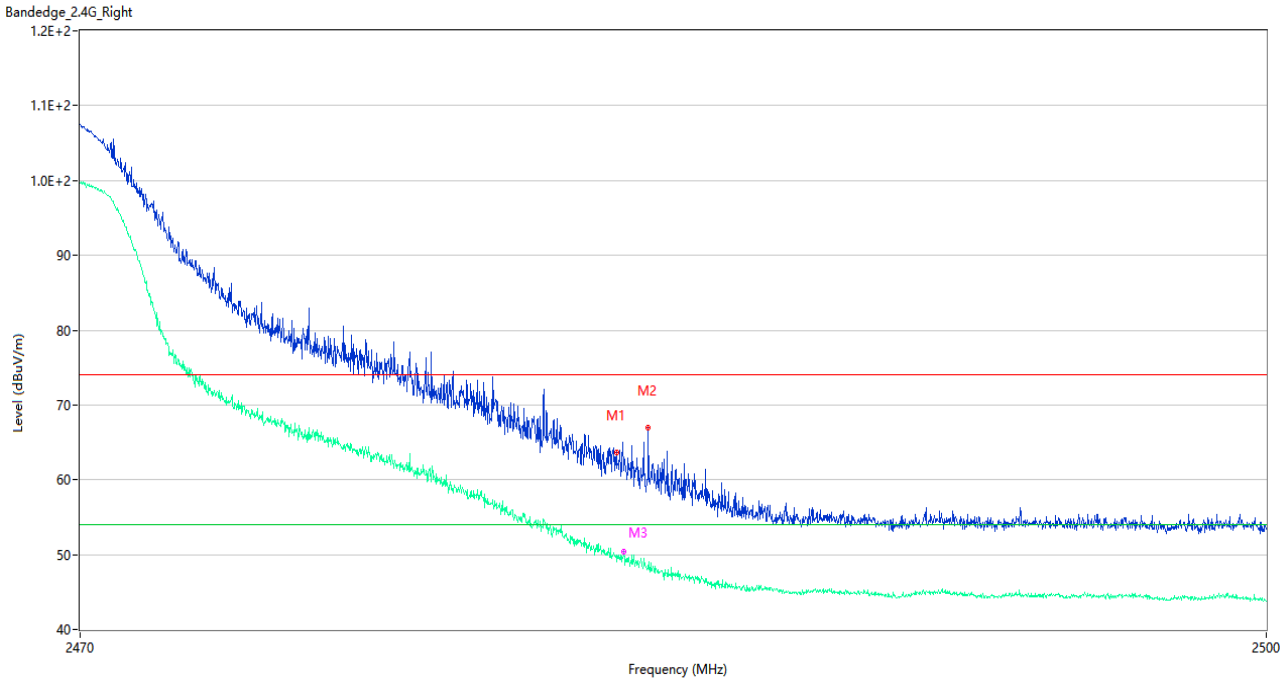
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	64.48	-1.09	74.0	9.52	Peak	24.00	150	Vertical	Pass
1**	2483.590	49.84	-1.09	54.0	4.16	AV	24.00	150	Vertical	Pass
2	2484.100	66.07	-1.10	74.0	7.93	Peak	17.00	200	Vertical	Pass
2**	2484.100	48.39	-1.10	54.0	5.61	AV	17.00	200	Vertical	Pass
3	2483.695	62.29	-1.07	74.0	11.71	Peak	16.00	200	Vertical	Pass
3**	2483.695	50.19	-1.07	54.0	3.81	AV	16.00	200	Vertical	Pass

802.11n20 LOW CHANNEL



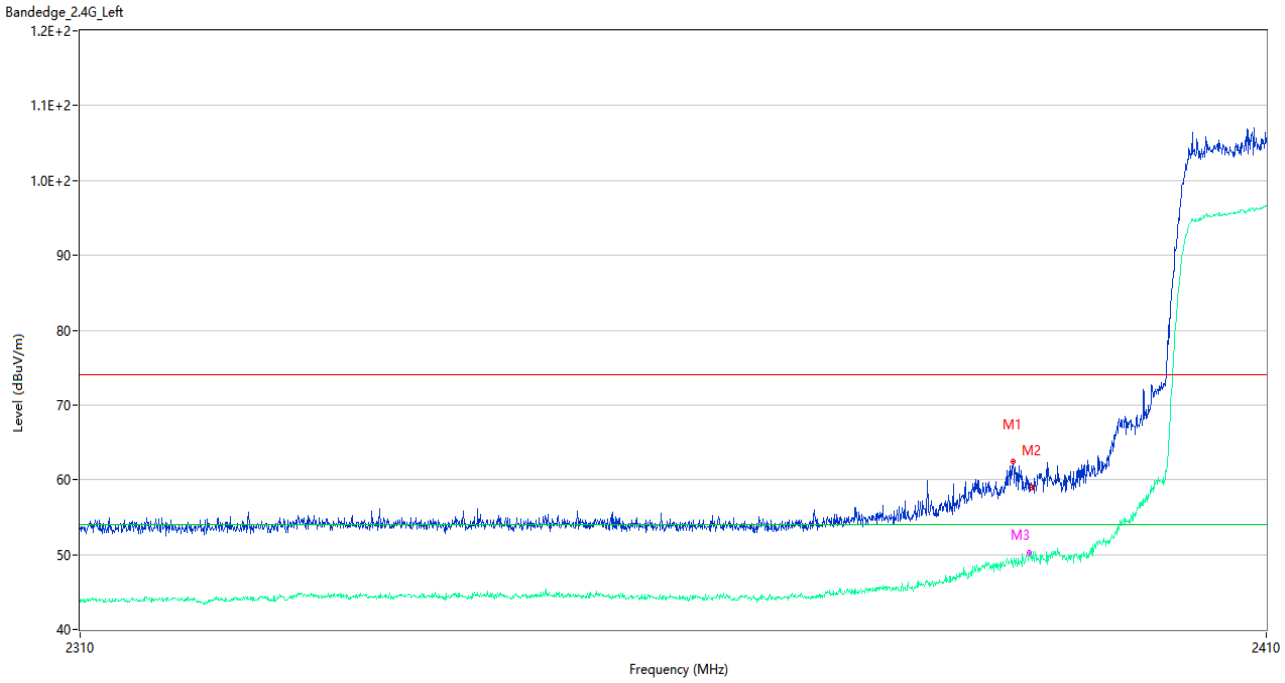
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.000	65.34	-1.87	74.0	8.66	Peak	14.00	200	Vertical	Pass
1**	2389.000	49.19	-1.87	54.0	4.81	AV	14.00	200	Vertical	Pass
2	2389.950	62.66	-1.82	74.0	11.34	Peak	24.00	150	Vertical	Pass
2**	2389.950	50.15	-1.82	54.0	3.85	AV	24.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



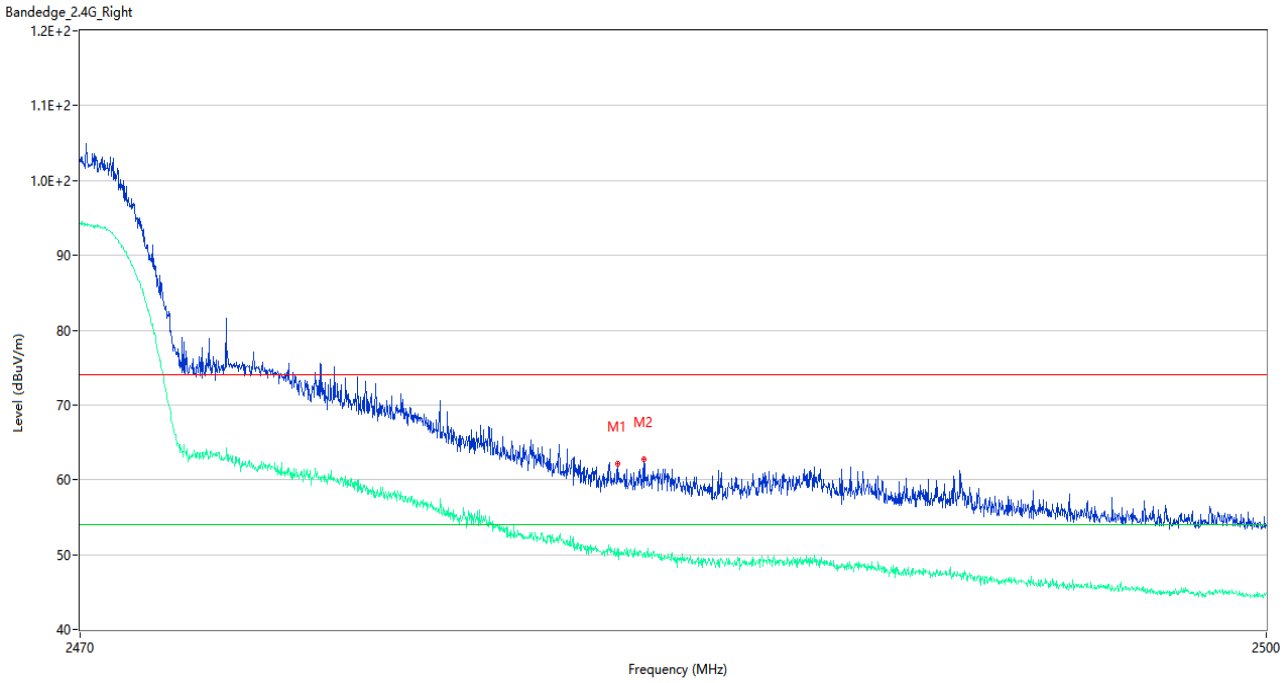
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	63.61	-1.10	74.0	10.39	Peak	33.00	200	Vertical	Pass
1**	2483.515	49.89	-1.10	54.0	4.11	AV	33.00	200	Vertical	Pass
2	2484.325	66.90	-1.18	74.0	7.10	Peak	21.00	200	Vertical	Pass
2**	2484.325	48.06	-1.18	54.0	5.94	AV	21.00	200	Vertical	Pass
3	2483.710	61.18	-1.06	74.0	12.82	Peak	0.00	200	Vertical	Pass
3**	2483.710	50.36	-1.06	54.0	3.64	AV	0.00	200	Vertical	Pass

802.11n40 LOW CHANNEL



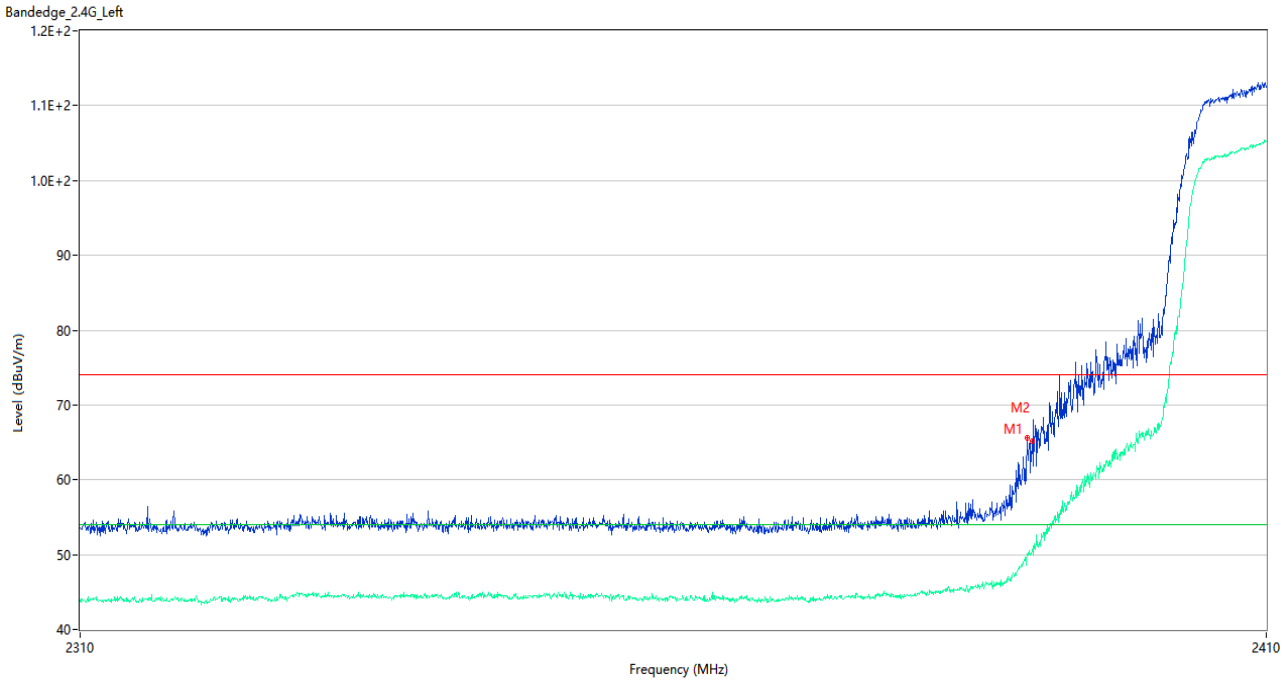
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.300	62.43	-1.81	74.0	11.57	Peak	18.00	200	Vertical	Pass
1**	2388.300	48.36	-1.81	54.0	5.64	AV	18.00	200	Vertical	Pass
2	2389.950	58.98	-1.82	74.0	15.02	Peak	18.00	150	Vertical	Pass
2**	2389.950	49.18	-1.82	54.0	4.82	AV	18.00	150	Vertical	Pass
3	2389.650	59.57	-1.75	74.0	14.43	Peak	15.00	150	Vertical	Pass
3**	2389.650	50.32	-1.75	54.0	3.68	AV	15.00	150	Vertical	Pass

802.11n40 HIGH CHANNEL



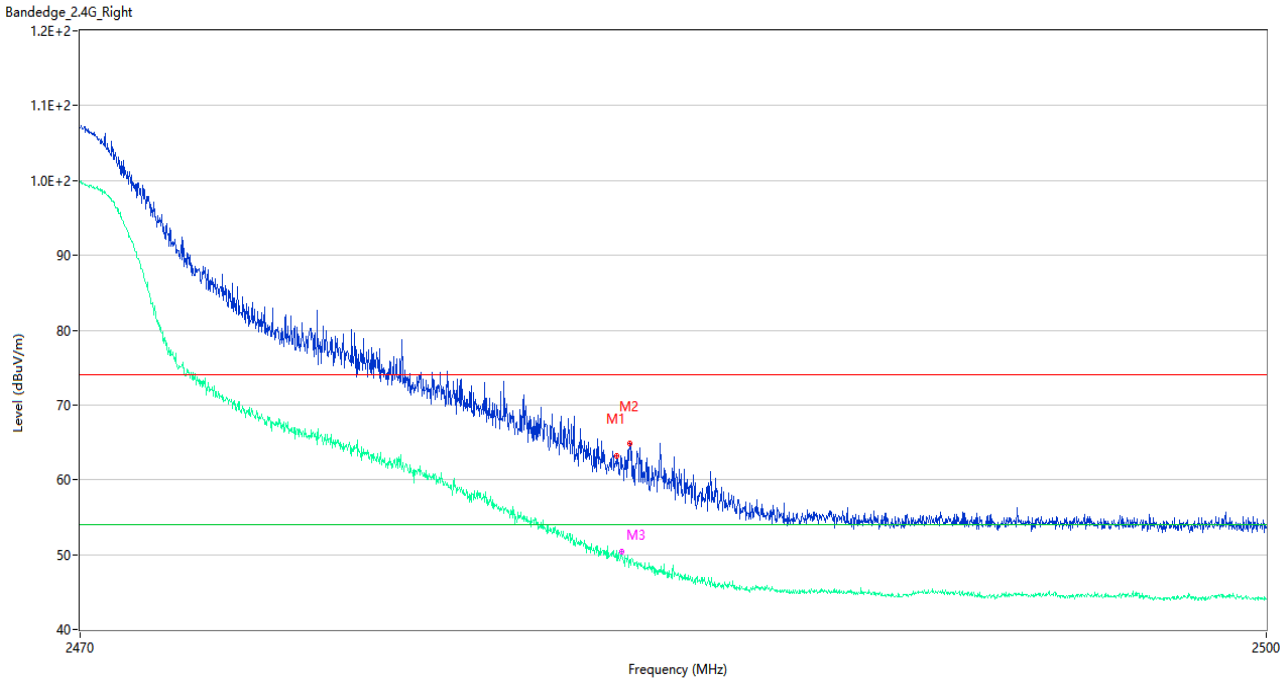
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	62.15	-1.09	74.0	11.85	Peak	23.00	150	Vertical	Pass
1**	2483.545	50.79	-1.09	54.0	3.21	AV	23.00	150	Vertical	Pass
2	2484.205	62.71	-1.13	74.0	11.29	Peak	19.00	100	Vertical	Pass
2**	2484.205	50.27	-1.13	54.0	3.73	AV	19.00	100	Vertical	Pass

802.11ax20(SU) LOW CHANNEL



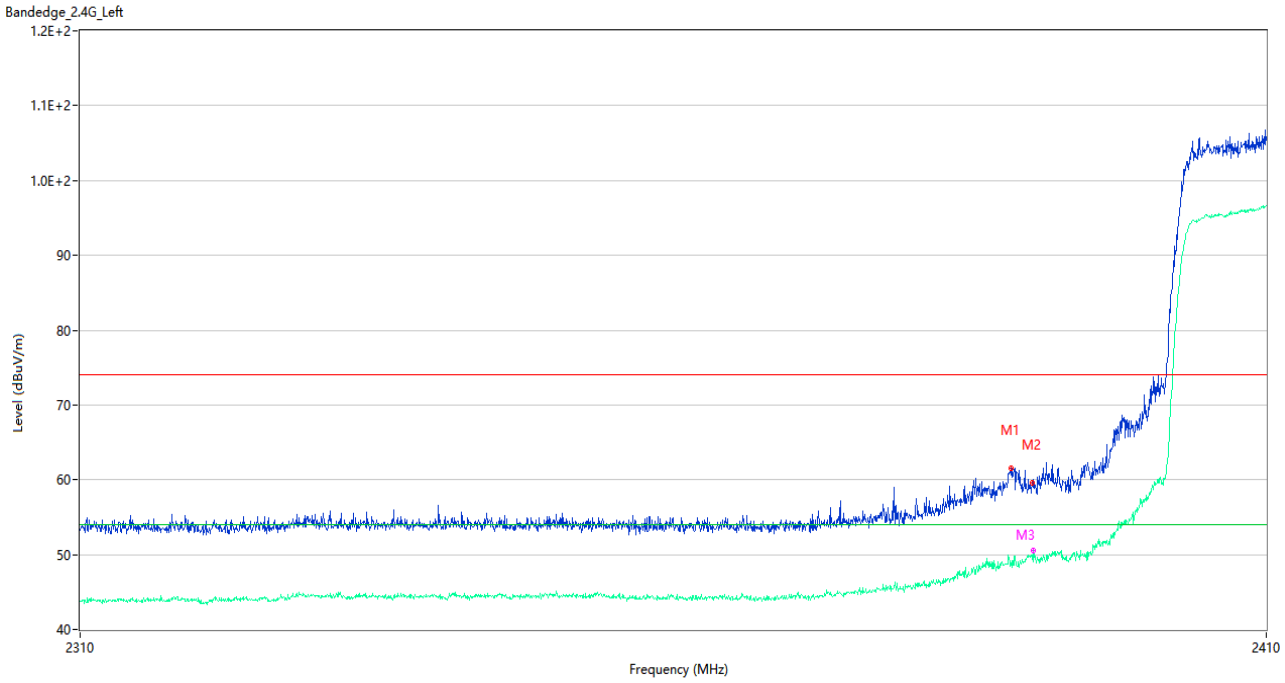
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	65.60	-1.75	74.0	8.40	Peak	19.00	200	Vertical	Pass
1**	2389.500	49.87	-1.75	54.0	4.13	AV	19.00	200	Vertical	Pass
2	2389.950	65.09	-1.82	74.0	8.91	Peak	356.00	200	Vertical	Pass
2**	2389.950	50.67	-1.82	54.0	3.33	AV	356.00	200	Vertical	Pass

802.11 ax20(SU) HIGH CHANNEL



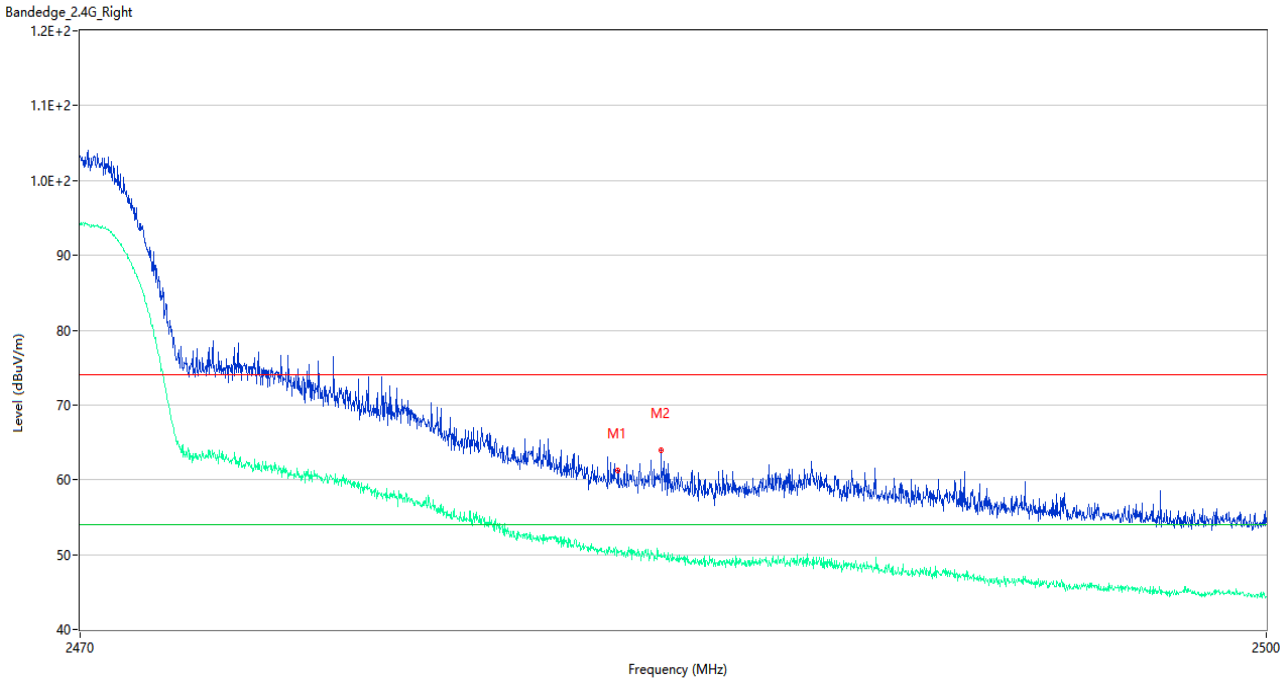
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	63.22	-1.10	74.0	10.78	Peak	21.00	200	Vertical	Pass
1**	2483.530	49.23	-1.10	54.0	4.77	AV	21.00	200	Vertical	Pass
2	2483.860	64.86	-1.04	74.0	9.14	Peak	26.00	200	Vertical	Pass
2**	2483.860	49.40	-1.04	54.0	4.60	AV	26.00	200	Vertical	Pass
3	2483.650	62.70	-1.07	74.0	11.30	Peak	25.00	200	Vertical	Pass
3**	2483.650	50.33	-1.07	54.0	3.67	AV	25.00	200	Vertical	Pass

802.11ax40(SU) LOW CHANNEL



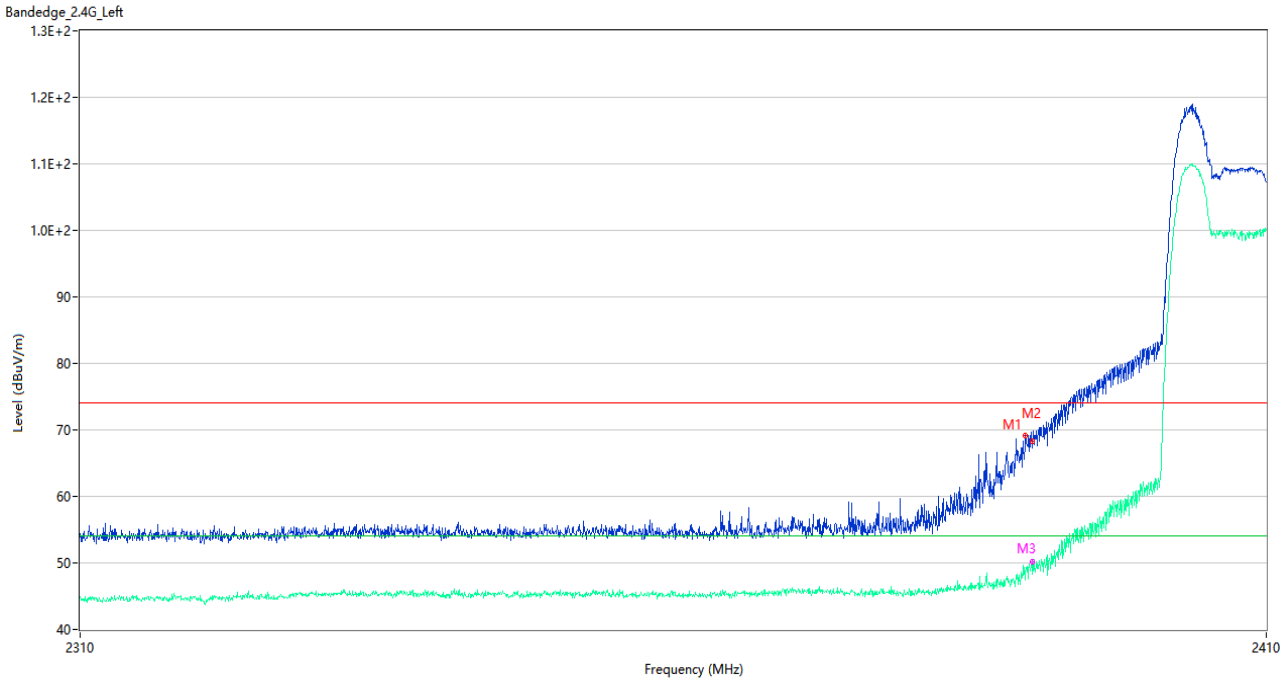
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.150	61.61	-1.74	74.0	12.39	Peak	15.00	200	Vertical	Pass
1**	2388.150	48.71	-1.74	54.0	5.29	AV	15.00	200	Vertical	Pass
2	2389.950	59.64	-1.82	74.0	14.36	Peak	0.00	100	Vertical	Pass
2**	2389.950	49.37	-1.82	54.0	4.63	AV	0.00	100	Vertical	Pass
3	2390.000	59.98	-1.83	74.0	14.02	Peak	21.00	150	Vertical	Pass
3**	2390.000	50.47	-1.83	54.0	3.53	AV	21.00	150	Vertical	Pass

802.11 ax40(SU) HIGH CHANNEL



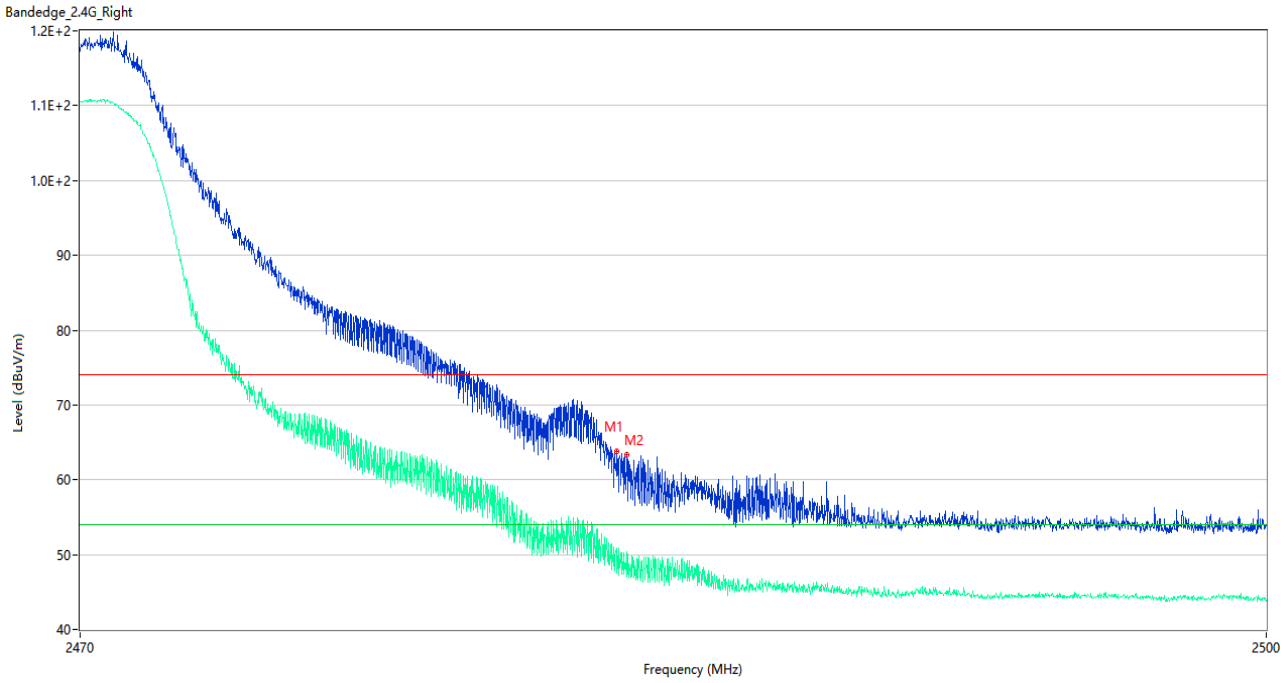
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	61.27	-1.09	74.0	12.73	Peak	28.00	200	Vertical	Pass
1**	2483.560	50.55	-1.09	54.0	3.45	AV	28.00	200	Vertical	Pass
2	2484.655	63.93	-1.24	74.0	10.07	Peak	16.00	200	Vertical	Pass
2**	2484.655	50.02	-1.24	54.0	3.98	AV	16.00	200	Vertical	Pass

802.11ax20(RU26) LOW CHANNEL



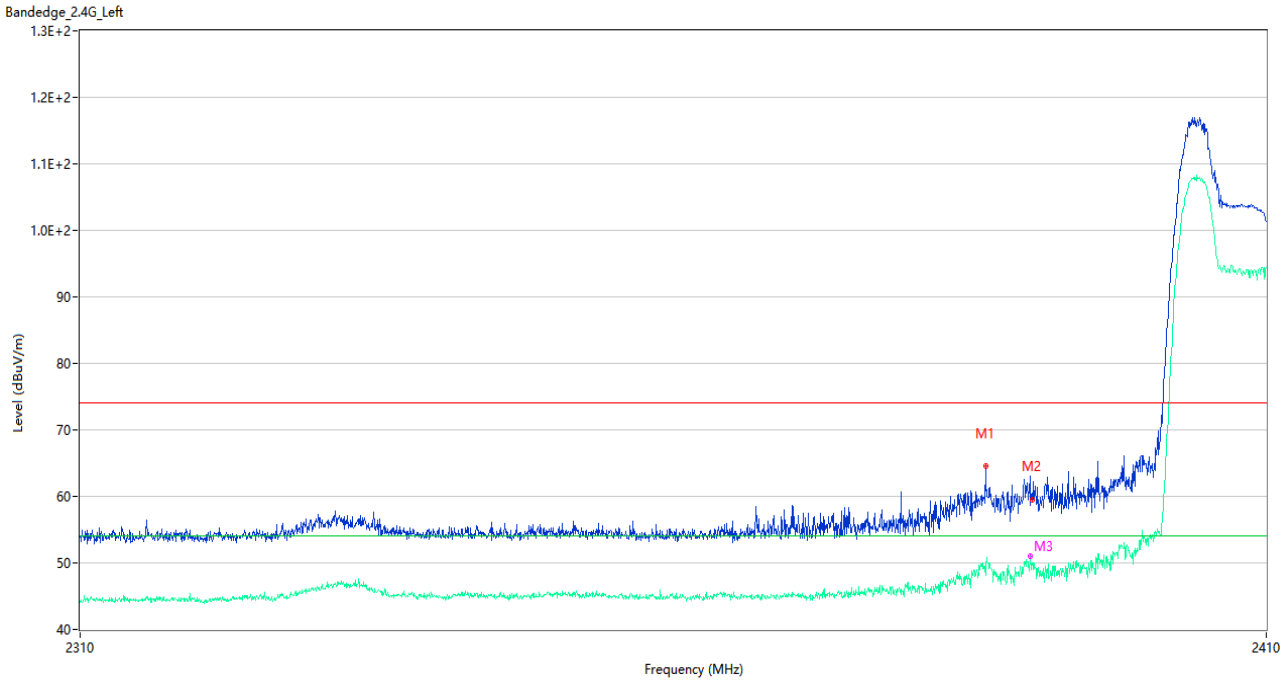
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.350	69.23	-1.81	74.0	4.77	Peak	23.00	200	Vertical	Pass
1**	2389.350	48.52	-1.81	54.0	5.48	AV	23.00	200	Vertical	Pass
2	2389.950	68.37	-1.82	74.0	5.63	Peak	16.00	150	Vertical	Pass
2**	2389.950	48.36	-1.82	54.0	5.64	AV	16.00	150	Vertical	Pass
3	2389.900	67.36	-1.81	74.0	6.64	Peak	185.00	150	Vertical	Pass
3**	2389.900	50.21	-1.81	54.0	3.79	AV	185.00	150	Vertical	Pass

802.11 ax20(RU26) HIGH CHANNEL



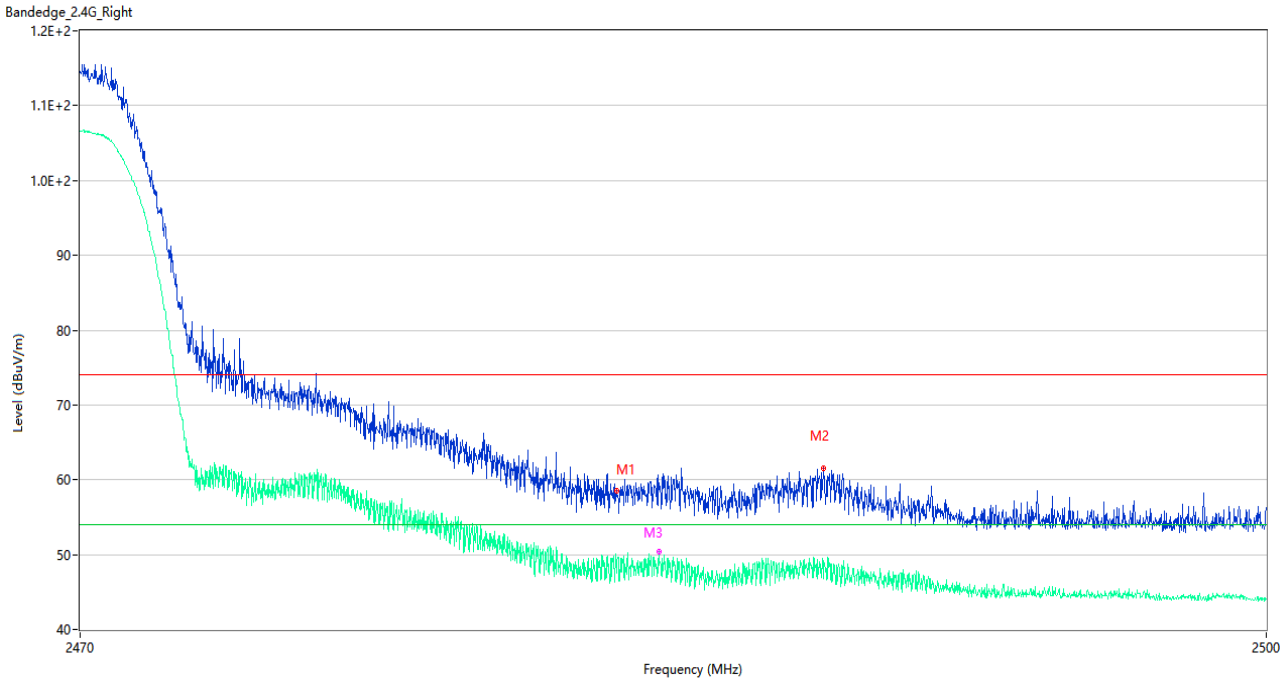
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	63.75	-1.10	74.0	10.25	Peak	18.00	100	Vertical	Pass
1**	2483.530	47.46	-1.10	54.0	6.54	AV	18.00	100	Vertical	Pass
2	2483.770	63.30	-1.05	74.0	10.70	Peak	18.00	200	Vertical	Pass
2**	2483.770	47.12	-1.05	54.0	6.88	AV	18.00	200	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	2385.950	64.50	-1.47	74.0	9.50	Peak	27.00	100	Vertical	Pass
1**	2385.950	48.09	-1.47	54.0	5.91	AV	27.00	100	Vertical	Pass
2	2389.950	59.53	-1.82	74.0	14.47	Peak	18.00	200	Vertical	Pass
2**	2389.950	49.93	-1.82	54.0	4.07	AV	18.00	200	Vertical	Pass
3	2389.800	58.60	-1.78	74.0	15.40	Peak	183.00	200	Vertical	Pass
3**	2389.800	50.97	-1.78	54.0	3.03	AV	183.00	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	2483.530	58.49	-1.10	74.0	15.51	Peak	27.00	150	Vertical	Pass
1**	2483.530	49.24	-1.10	54.0	4.76	AV	27.00	150	Vertical	Pass
2	2488.750	61.53	-0.84	74.0	12.47	Peak	24.00	150	Vertical	Pass
2**	2488.750	46.75	-0.84	54.0	7.25	AV	24.00	150	Vertical	Pass
3	2484.595	58.68	-1.23	74.0	15.32	Peak	25.00	150	Vertical	Pass
3**	2484.595	50.34	-1.23	54.0	3.66	AV	25.00	150	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	-3.12	8
Middle	-3.65	8
High	-3.46	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.29	8
Middle	-5.64	8
High	-8.34	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.86	8
Middle	-5.82	8
High	-9.35	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.54	8
Middle	-8.22	8
High	-12.73	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.25	8
Middle	-6.45	8
High	-11.00	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.19	8
Middle	-8.99	8
High	-15.65	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.69	8
Middle	-2.72	8
High	-4.04	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-3.85	8
Middle	-4.25	8
High	-5.79	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.78	8
Middle	-7.37	8
High	-8.17	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.65	8
Middle	-7.52	8
High	-9.29	8

802.11ax-40 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.59	8
Middle	-4.25	8
High	-8.38	8

802.11ax-40 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.05	8
Middle	-7.83	8
High	-7.33	8

802.11ax-40 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.55	8
Middle	-10.90	8
High	-11.37	8

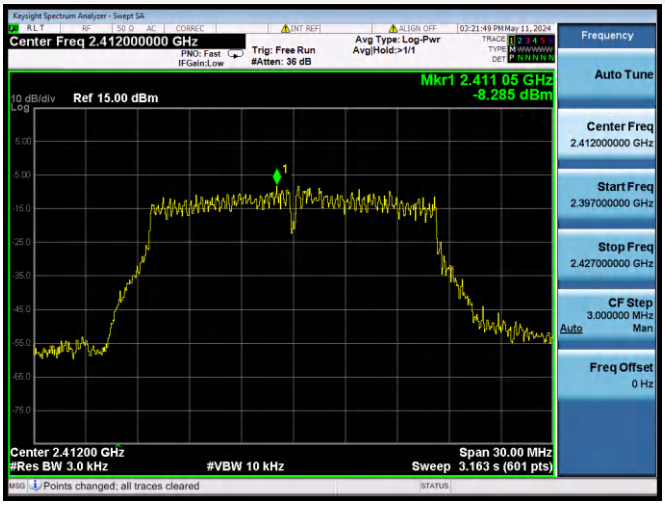
Test Plots

802.11b LOW CHANNEL

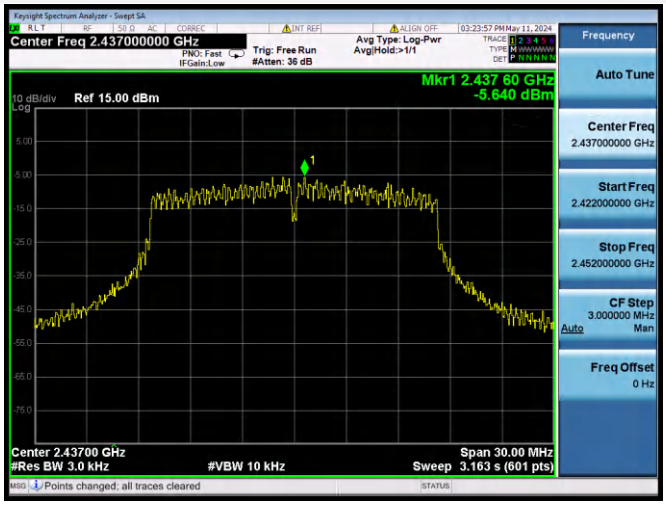
802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

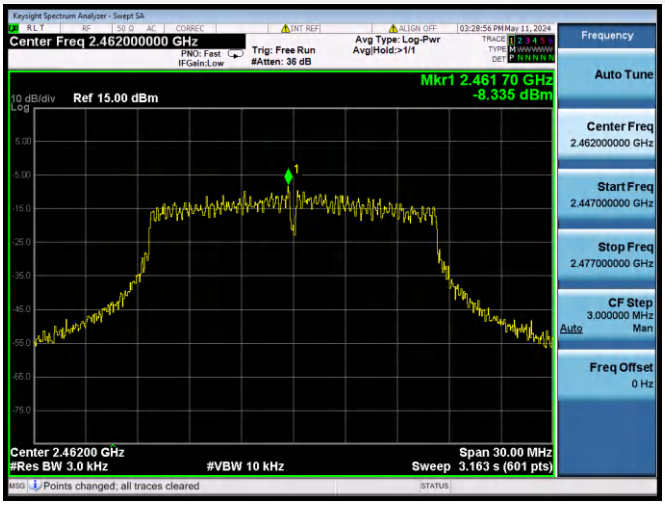
802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL

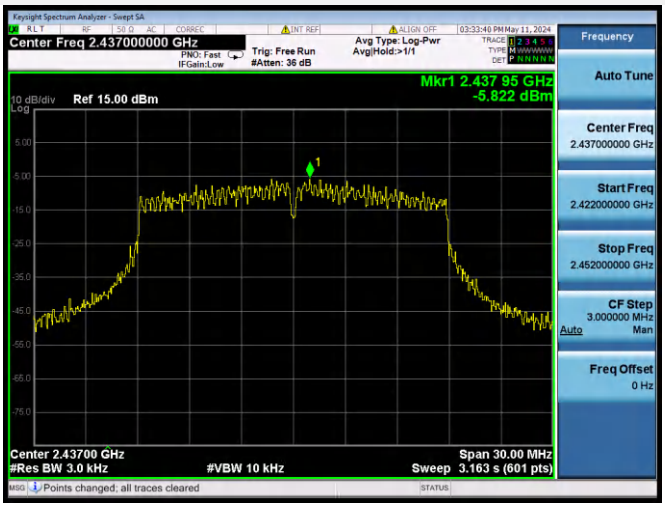


802.11g HIGH CHANNEL

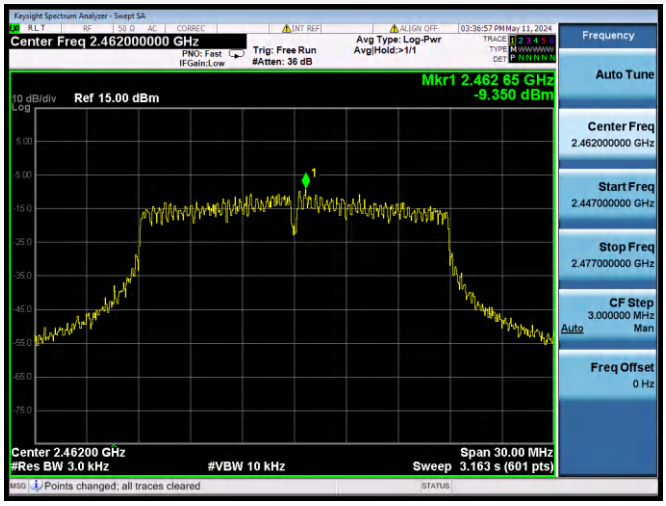


802.11n-20 MHz LOW CHANNEL

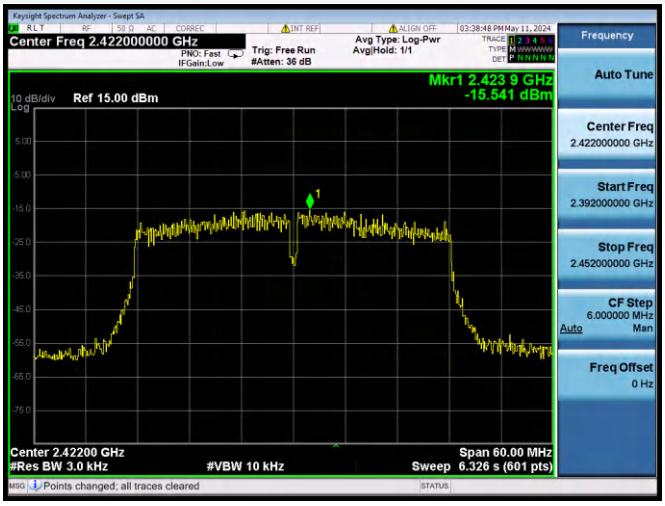
802.11n-20 MHz MIDDLE CHANNEL



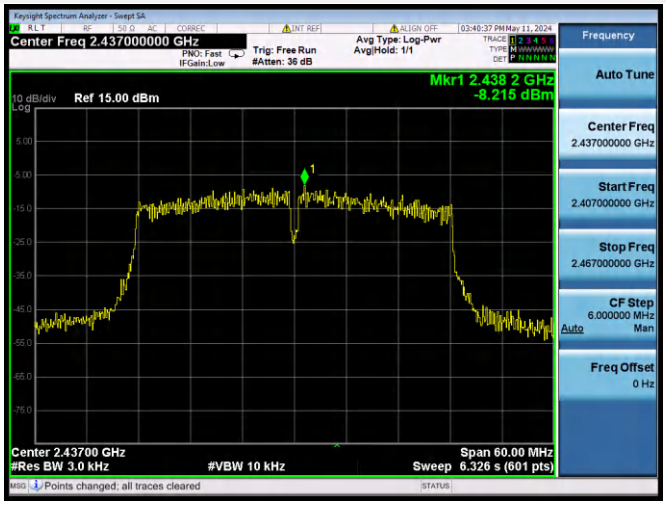
802.11n-20 MHz HIGH CHANNEL



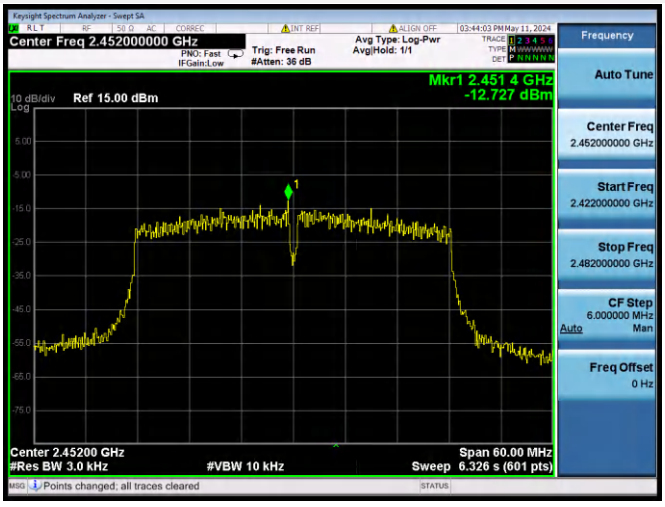
802.11n-40 MHz LOW CHANNEL



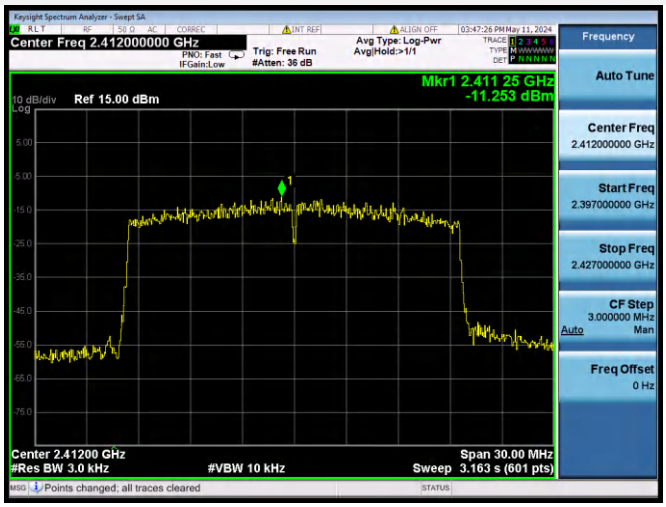
802.11n-40 MHz MIDDLE CHANNEL



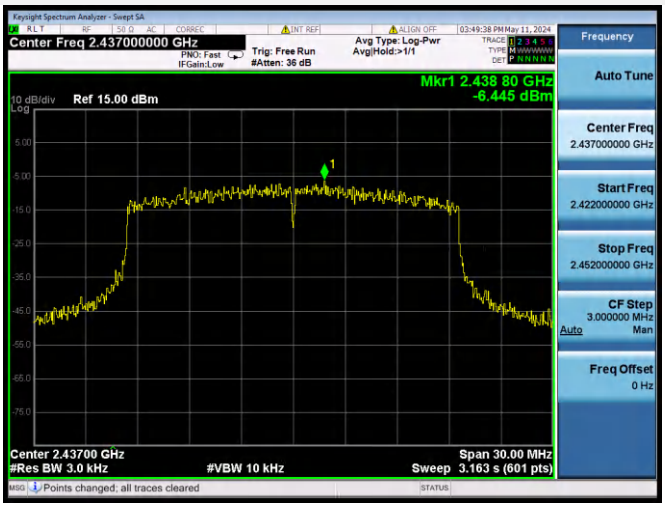
802.11n-40 MHz HIGH CHANNEL



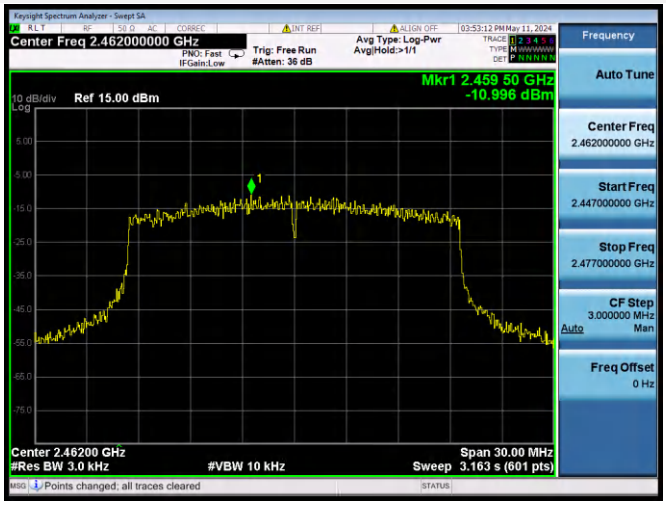
802.11ax-20 MHz(SU) LOW CHANNEL



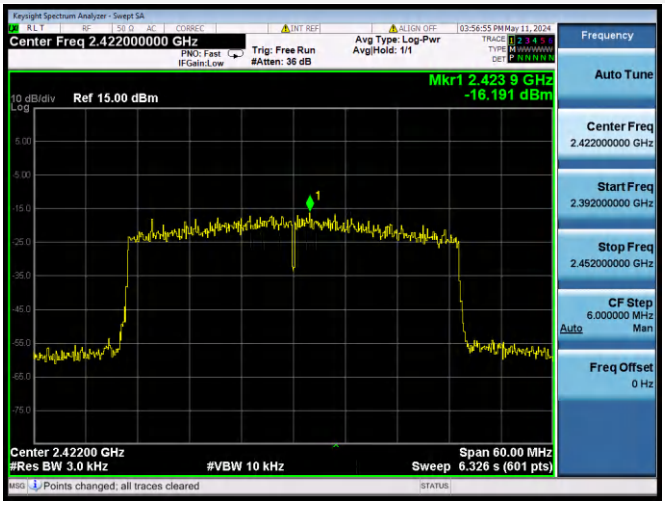
802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL

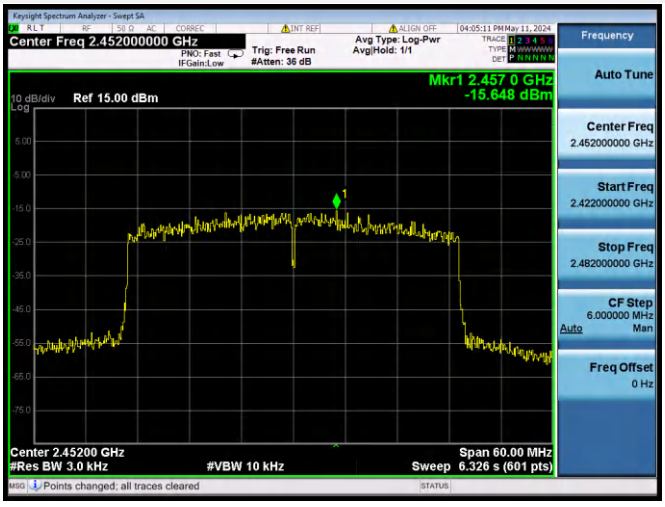


802.11ax-40 MHz(SU) LOW CHANNEL

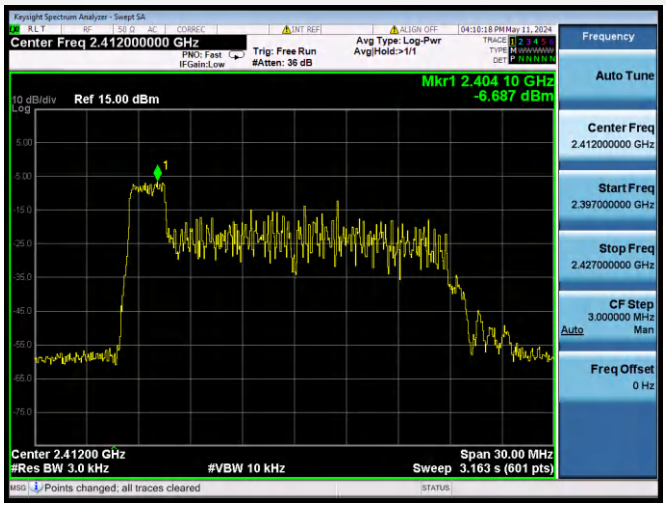


802.11ax-40 MHz(SU) MIDDLE CHANNEL

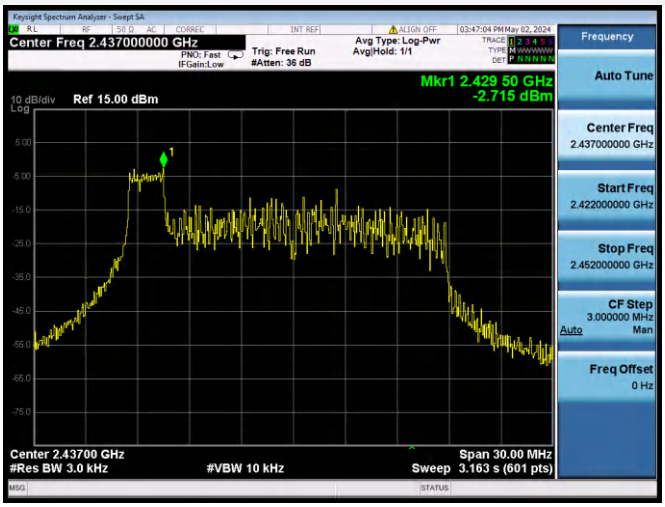
802.11ax-40 MHz(SU) HIGH CHANNEL



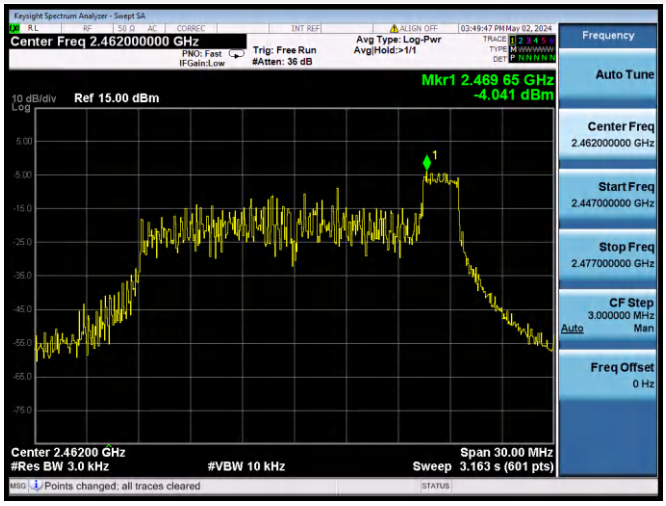
802.11ax-20 MHz(RU26) LOW CHANNEL



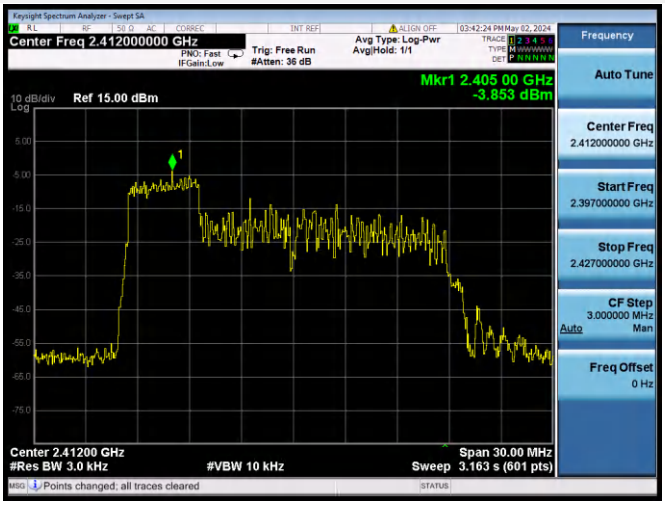
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



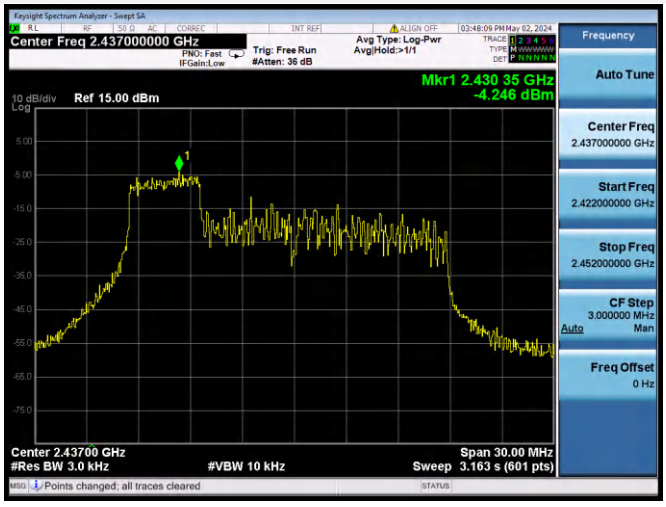
802.11ax-20 MHz(RU26) HIGH CHANNEL



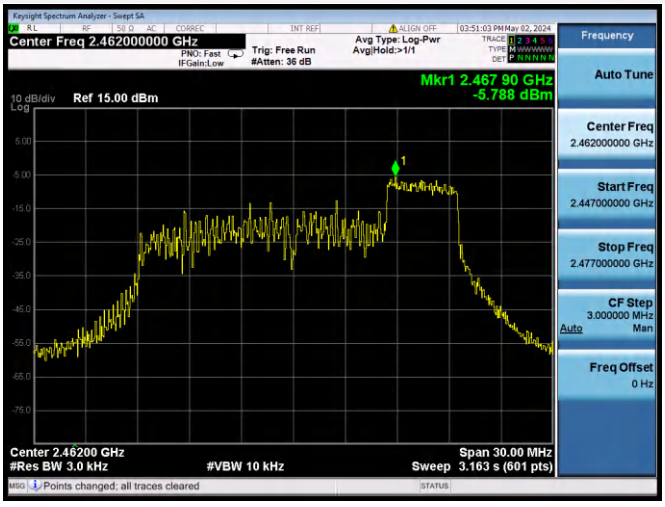
802.11ax-20 MHz(RU52) LOW CHANNEL



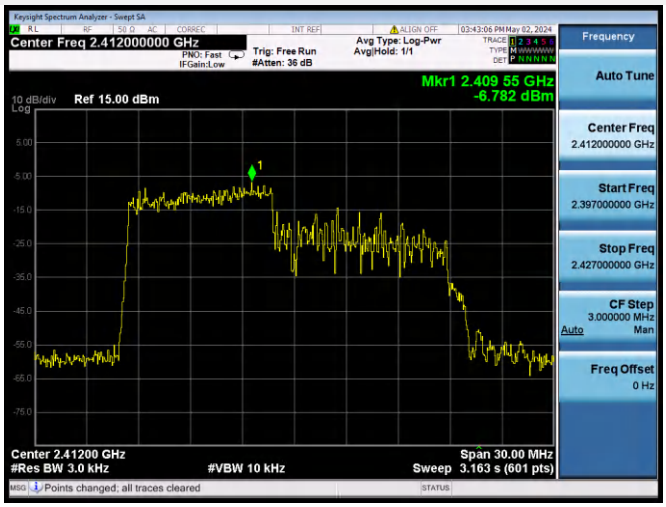
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



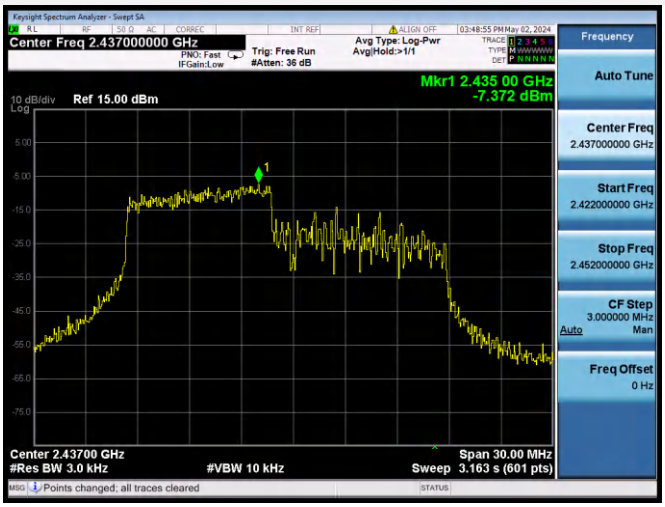
802.11ax-20 MHz(RU52) HIGH CHANNEL



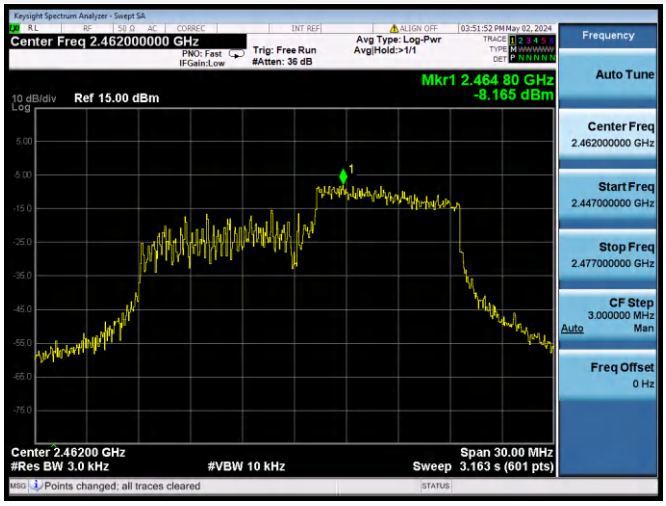
802.11ax-20 MHz(RU106) LOW CHANNEL



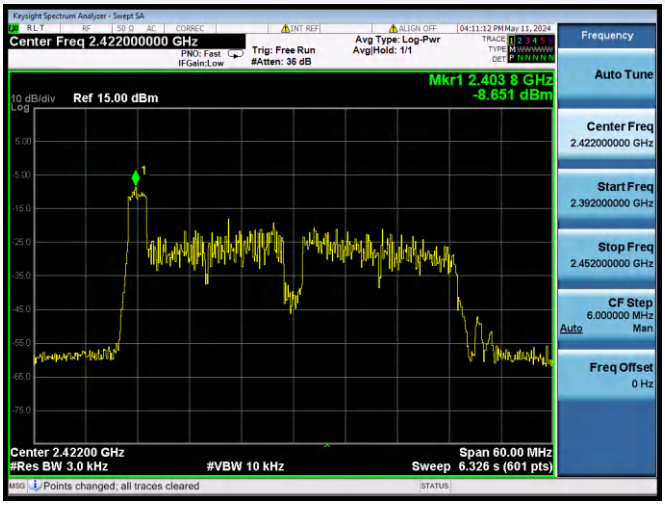
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



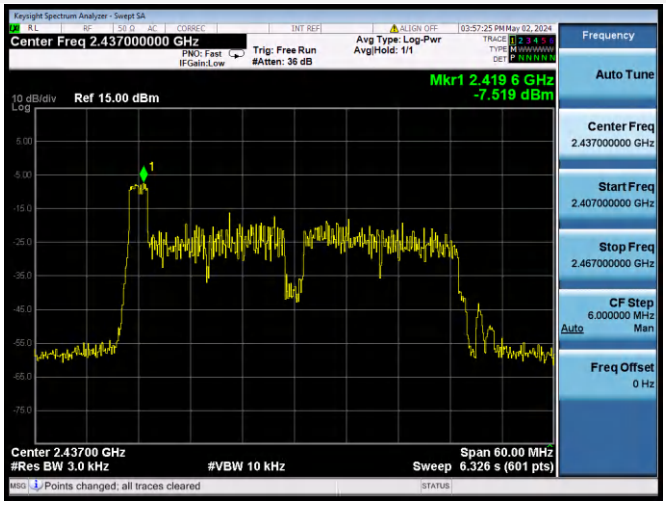
802.11ax-20 MHz(RU106) HIGH CHANNEL



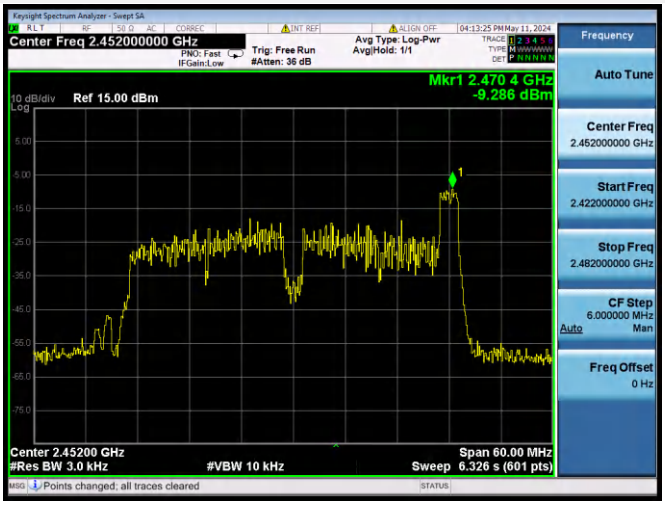
802.11ax-40 MHz(RU26) LOW CHANNEL



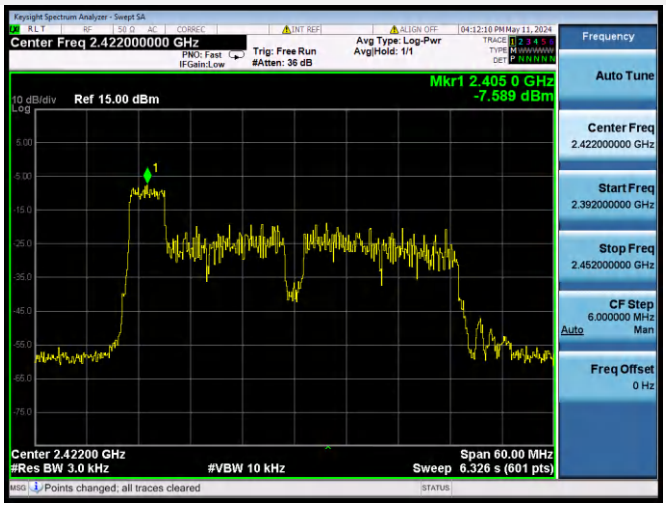
802.11ax-40 MHz(RU26) MIDDLE CHANNEL



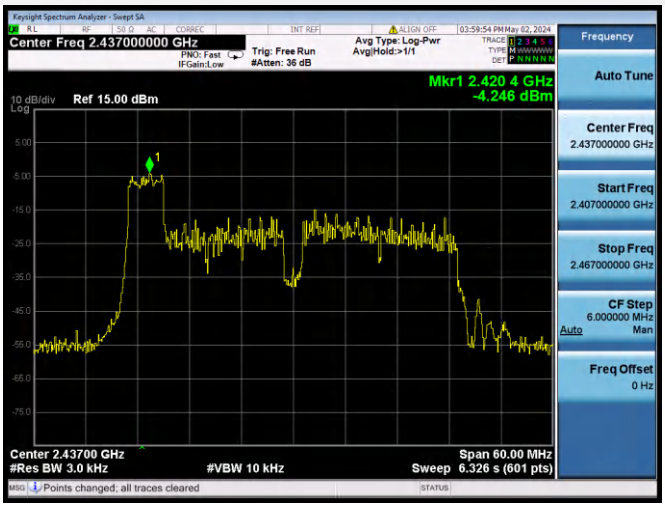
802.11ax-40 MHz(RU26) HIGH CHANNEL



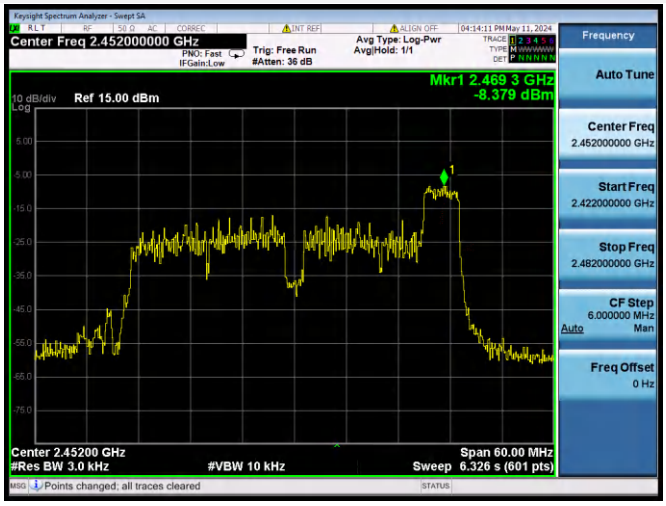
802.11ax-40 MHz(RU52) LOW CHANNEL



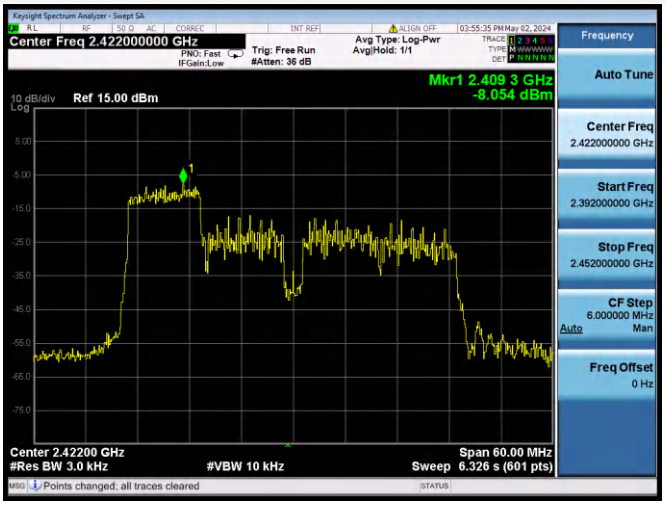
802.11ax-40 MHz(RU52) MIDDLE CHANNEL



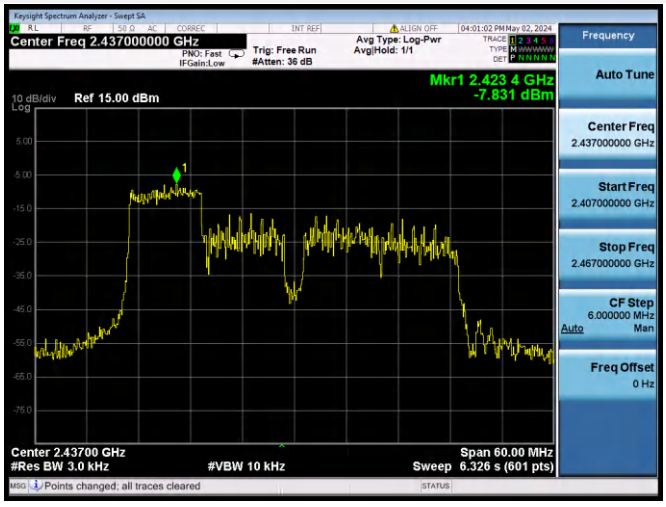
802.11ax-40 MHz(RU52) HIGH CHANNEL



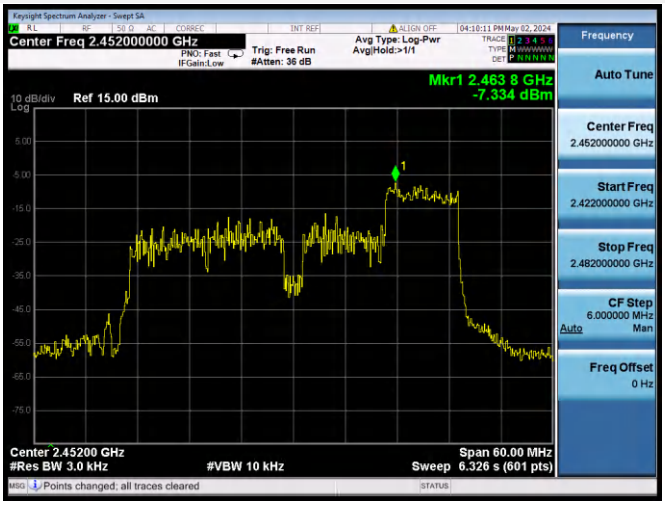
802.11ax-40 MHz(RU106) LOW CHANNEL



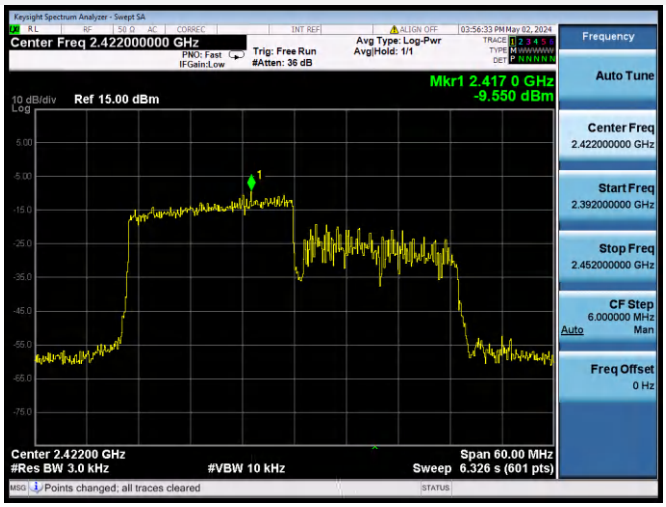
802.11ax-40 MHz(RU106) MIDDLE CHANNEL



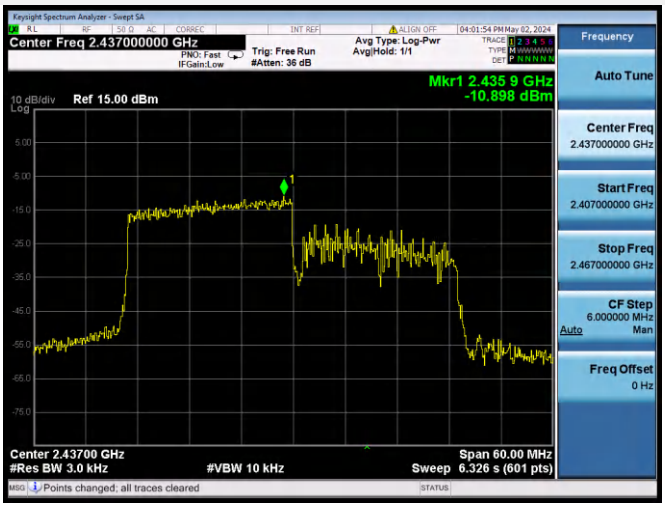
802.11ax-40 MHz(RU106) HIGH CHANNEL



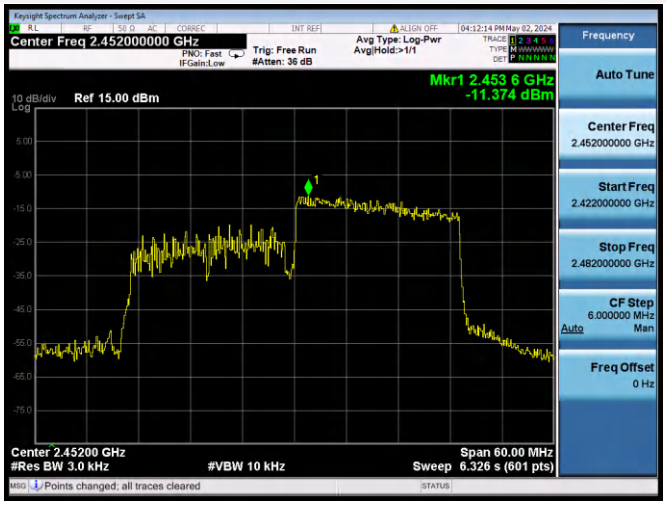
802.11ax-40 MHz(RU242) LOW CHANNEL



802.11ax-40 MHz(RU242) MIDDLE CHANNEL



802.11ax-40 MHz(RU242) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2440354-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2440354-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2440354-AI.PDF”.

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--END OF REPORT--