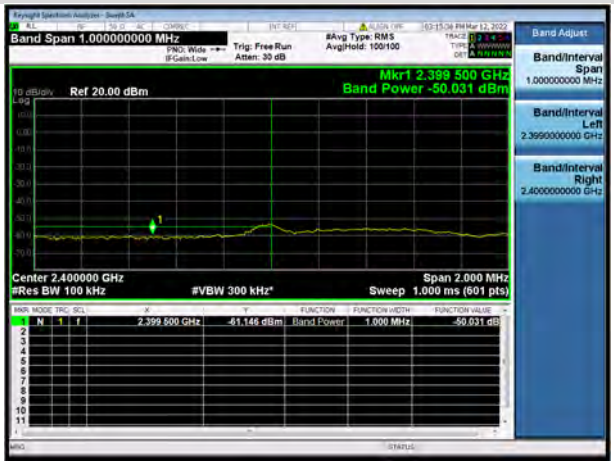
Test Plots

Main Antenna

802.11b LOW CHANNEL, CARRIER LEVEL

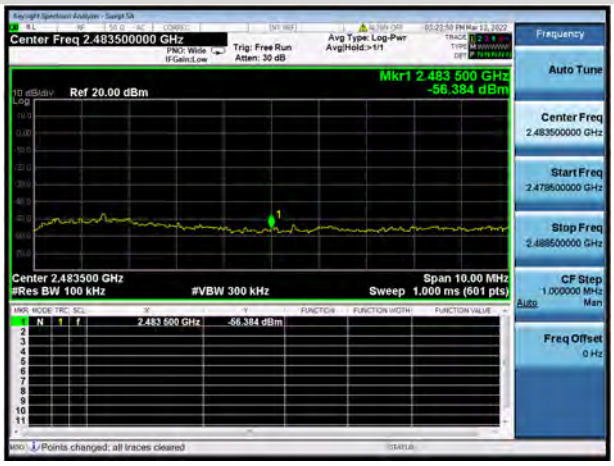
802.11b LOW CHANNEL, REFERENCE LEVEL

802.11b LOW CHANNEL, BAND EDGE

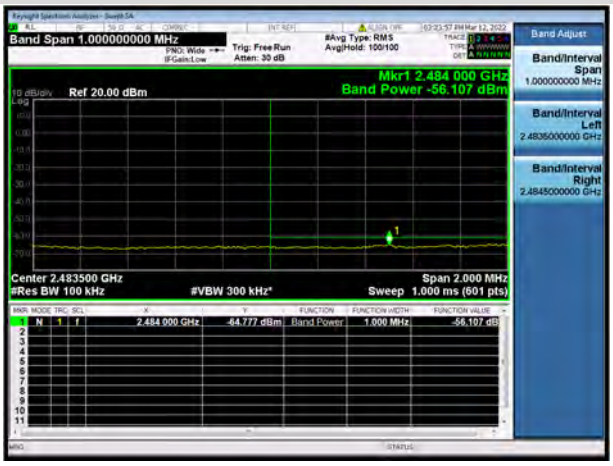


802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, REFERENCE LEVEL



802.11b HIGH CHANNEL, BAND EDGE



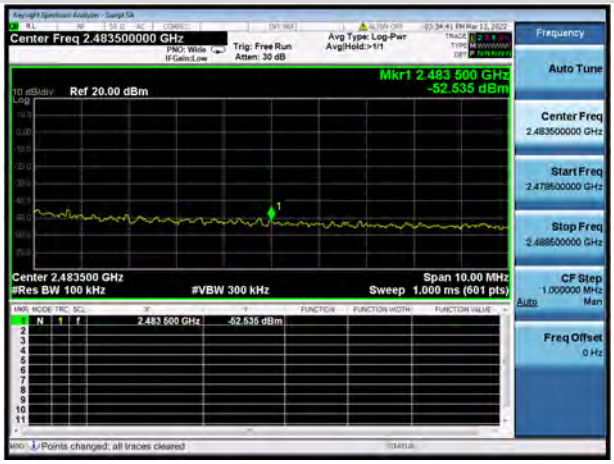
802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, REFERENCE LEVEL

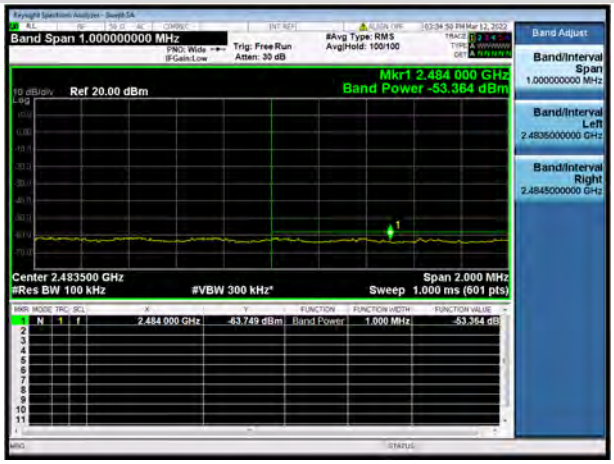
802.11g LOW CHANNEL, BAND EDGE

802.11g HIGH CHANNEL, CARRIER LEVEL

802.11g HIGH CHANNEL, REFERENCE LEVEL



802.11g HIGH CHANNEL, BAND EDGE



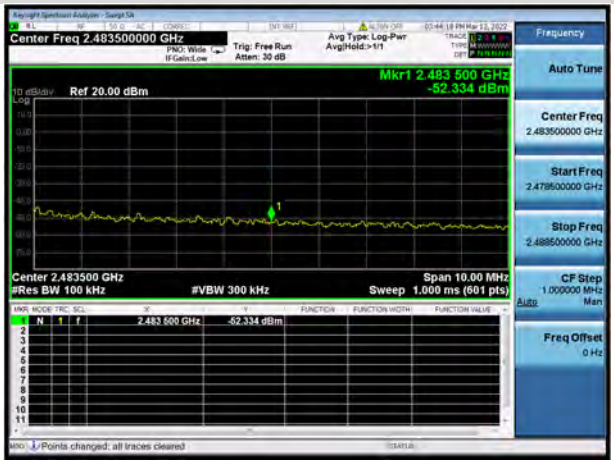
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, REFERENCE LEVEL

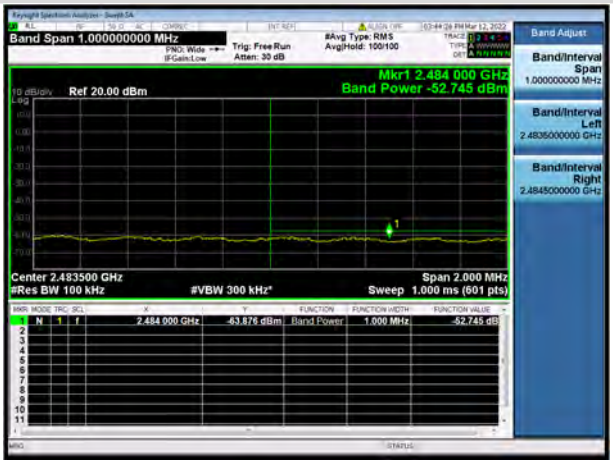
802.11n-20 MHz LOW CHANNEL, BAND EDGE

802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL

802.11n-20 MHz HIGH CHANNEL, REFERENCE LEVEL



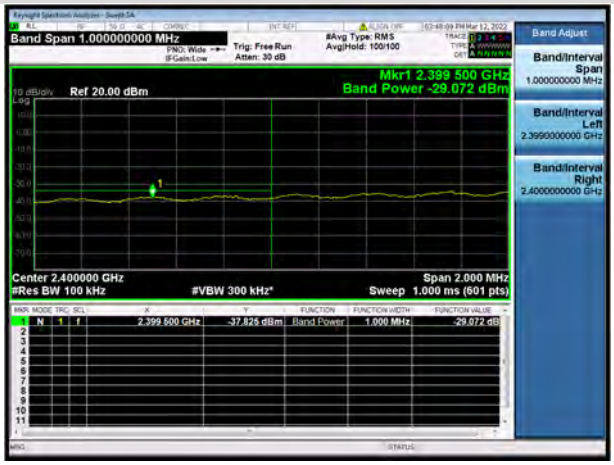
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

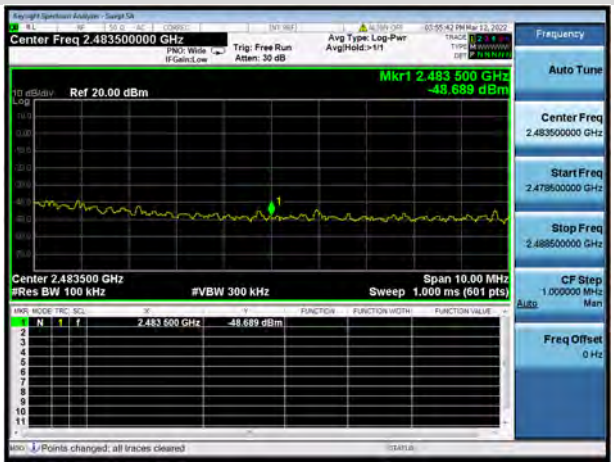
802.11n-40 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-40 MHz LOW CHANNEL, BAND EDGE

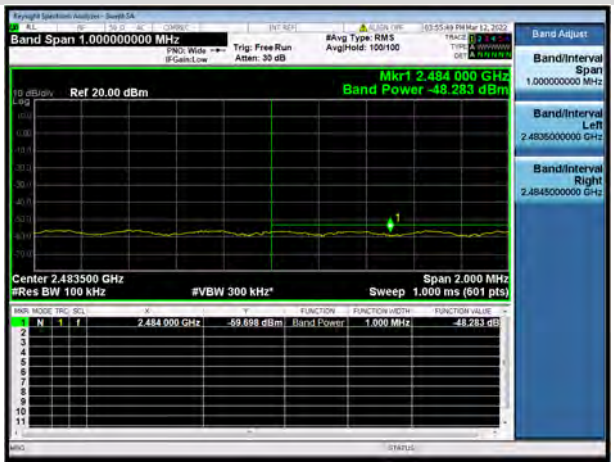


802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

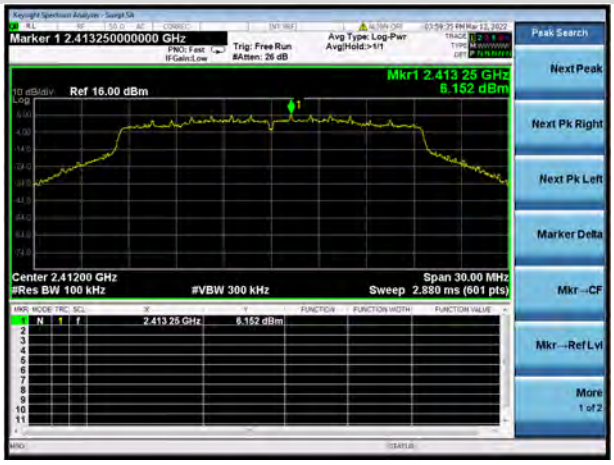
802.11n-40 MHz HIGH CHANNEL, REFERENCE LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

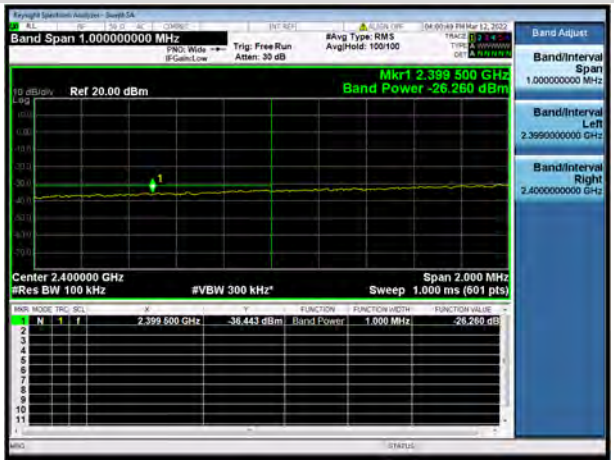


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

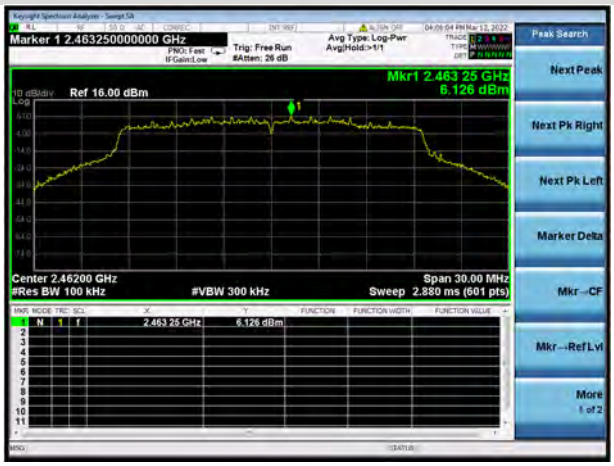


802.11ax-20 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

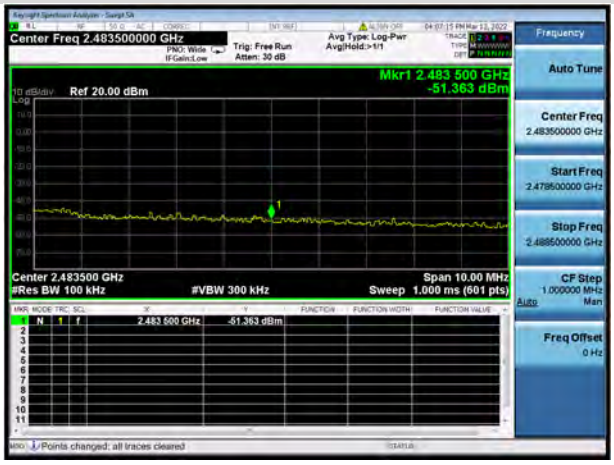
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



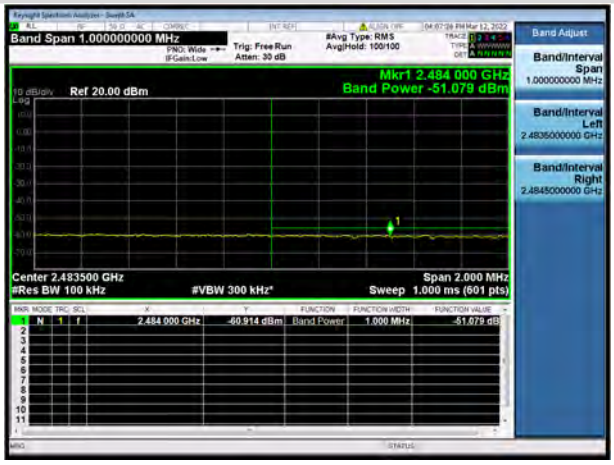
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



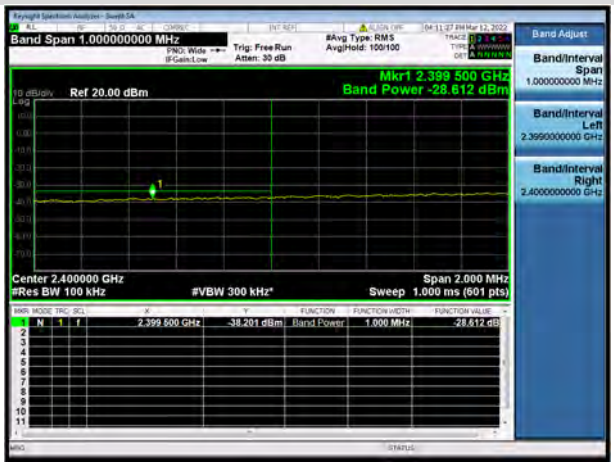
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



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

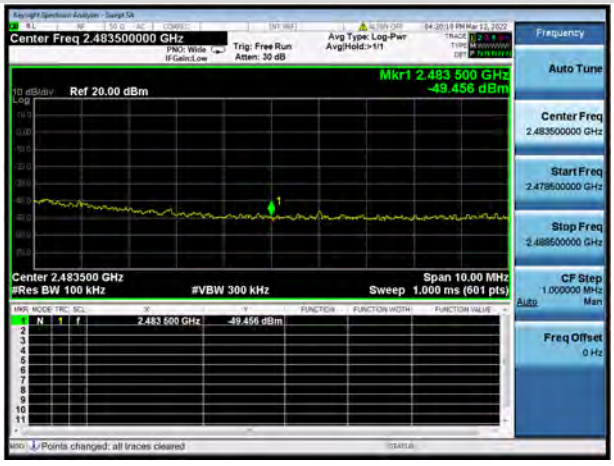
802.11ax-40 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

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

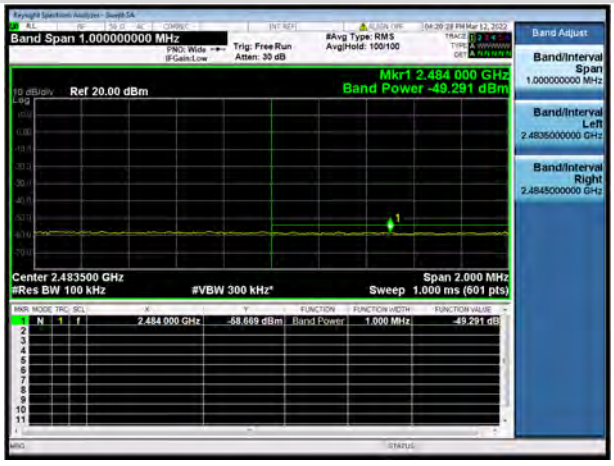


802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL

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



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

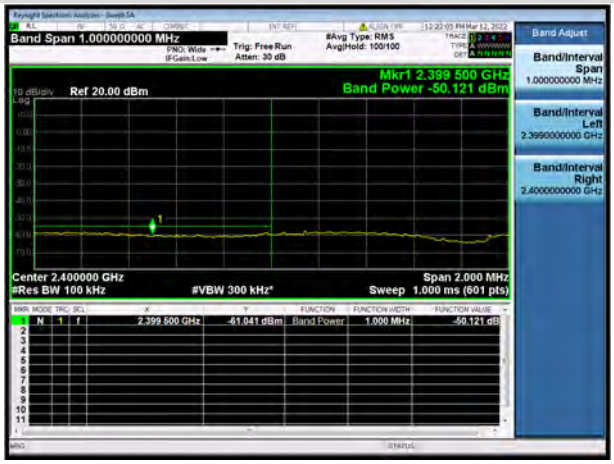


Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL

802.11b LOW CHANNEL, REFERENCE LEVEL

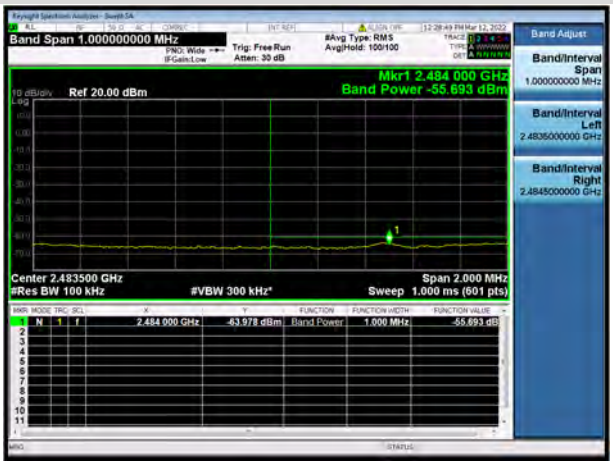
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL

802.11b HIGH CHANNEL, REFERENCE LEVEL

802.11b HIGH CHANNEL, BAND EDGE



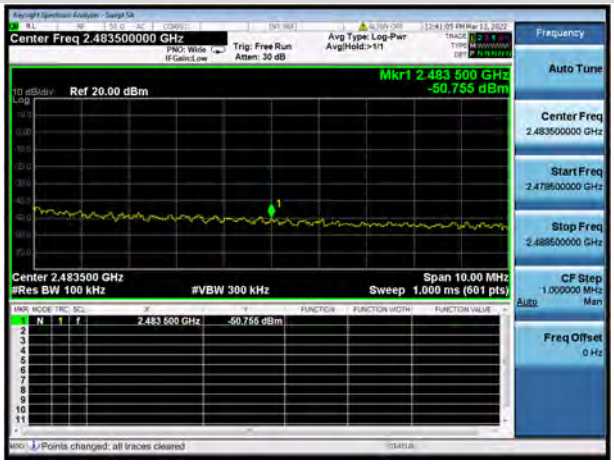
802.11g LOW CHANNEL, CARRIER LEVEL

802.11g LOW CHANNEL, REFERENCE LEVEL

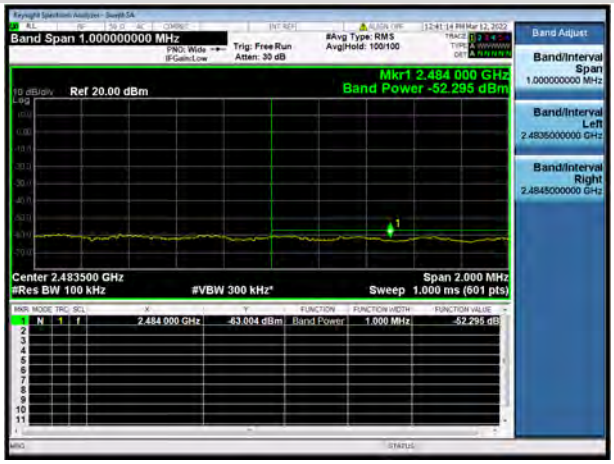
802.11g LOW CHANNEL, BAND EDGE

802.11g HIGH CHANNEL, CARRIER LEVEL

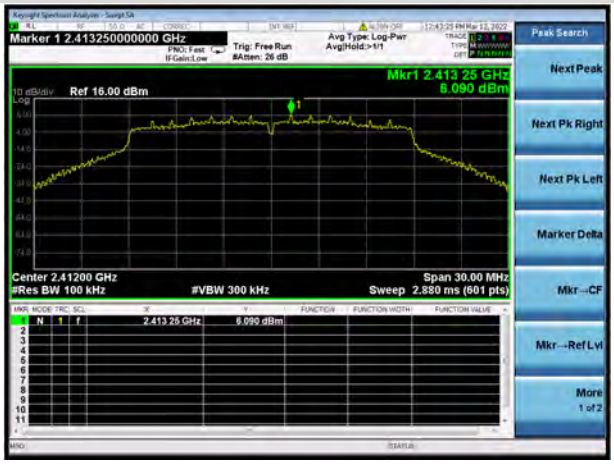
802.11g HIGH CHANNEL, REFERENCE LEVEL



802.11g HIGH CHANNEL, BAND EDGE



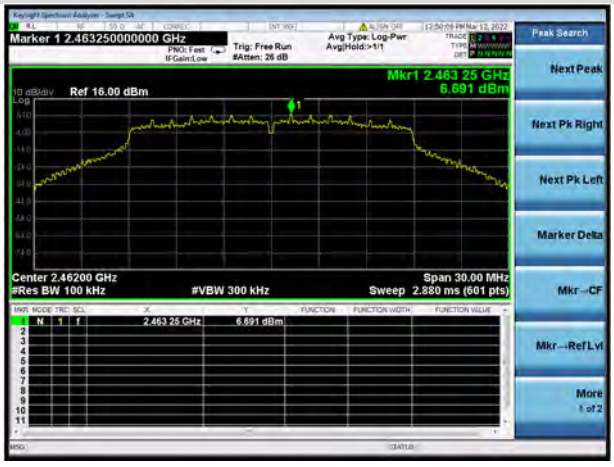
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



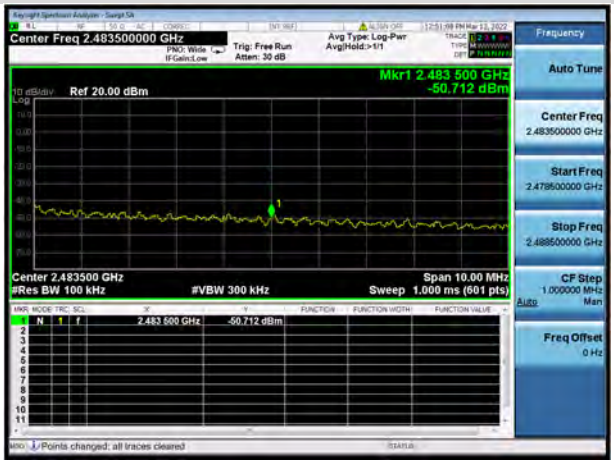
802.11n-20 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-20 MHz LOW CHANNEL, BAND EDGE

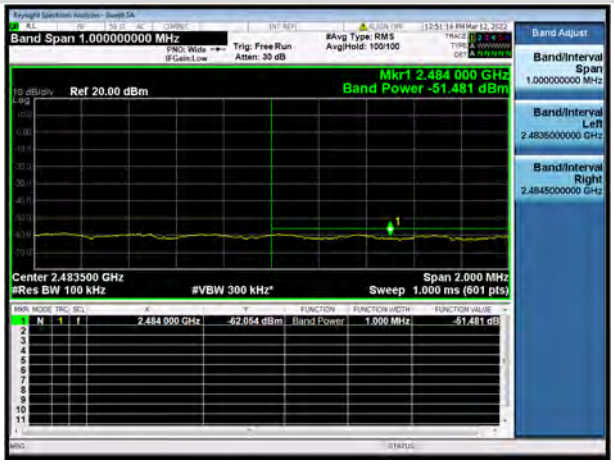
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, REFERENCE LEVEL



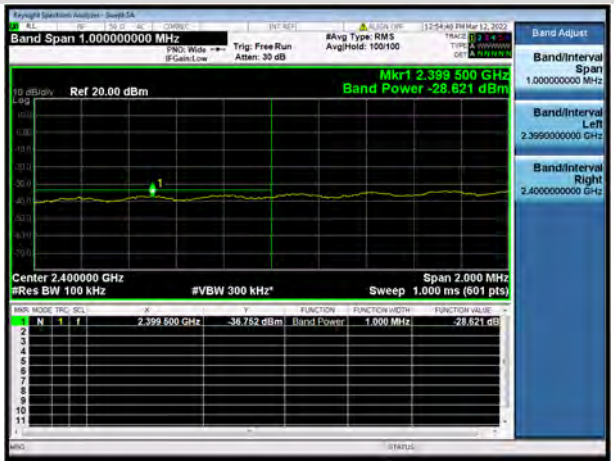
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL

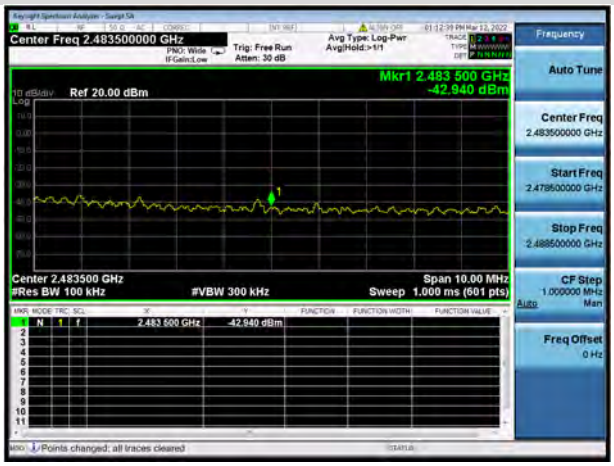
802.11n-40 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-40 MHz LOW CHANNEL, BAND EDGE

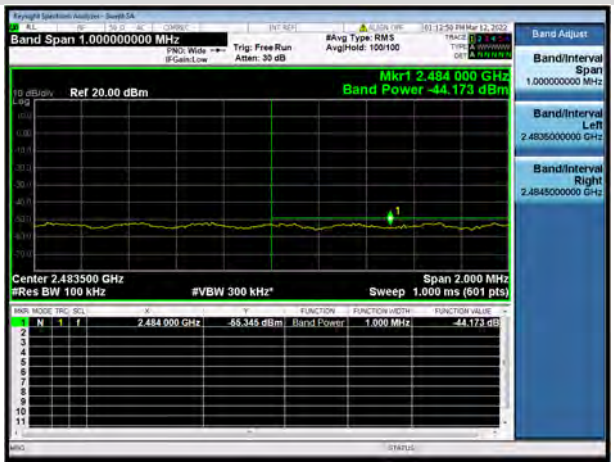


802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

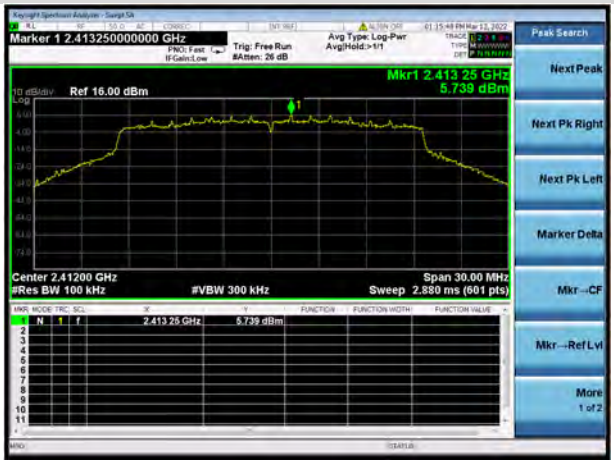
802.11n-40 MHz HIGH CHANNEL, REFERENCE LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

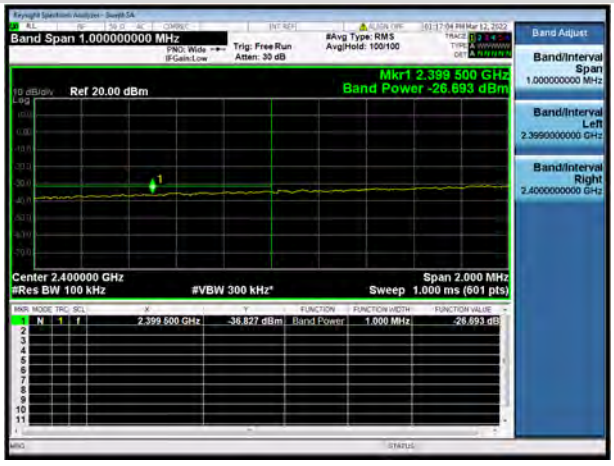


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

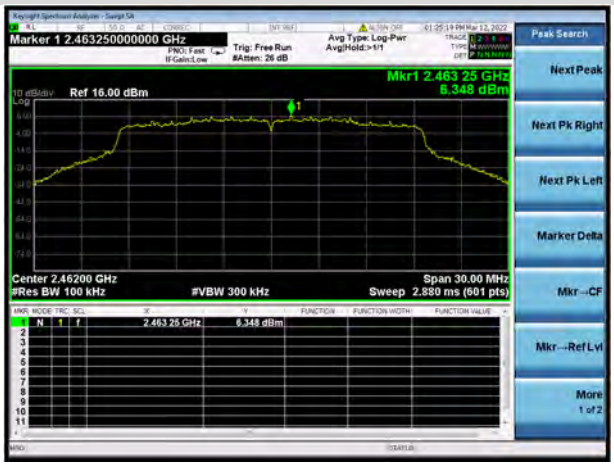


802.11ax-20 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

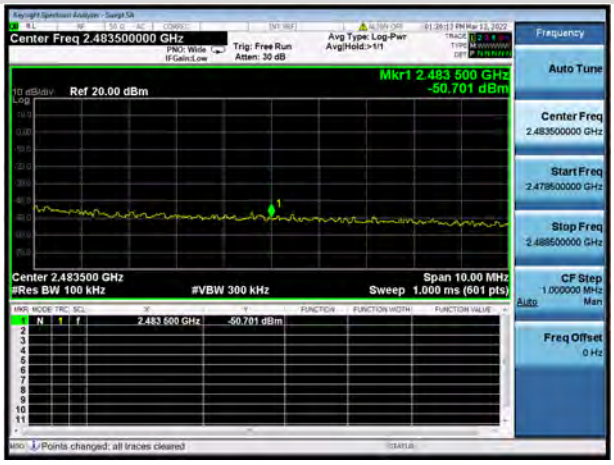
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



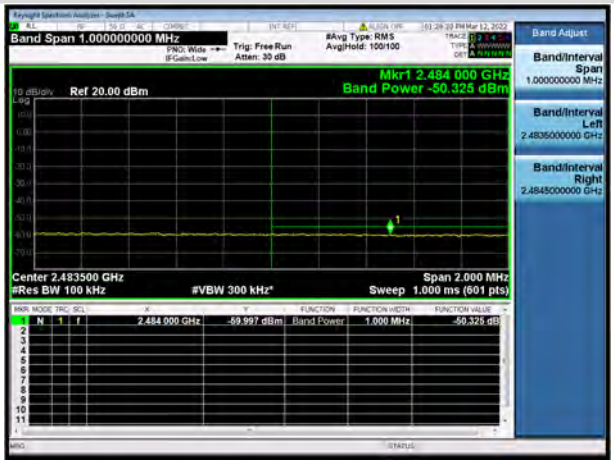
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



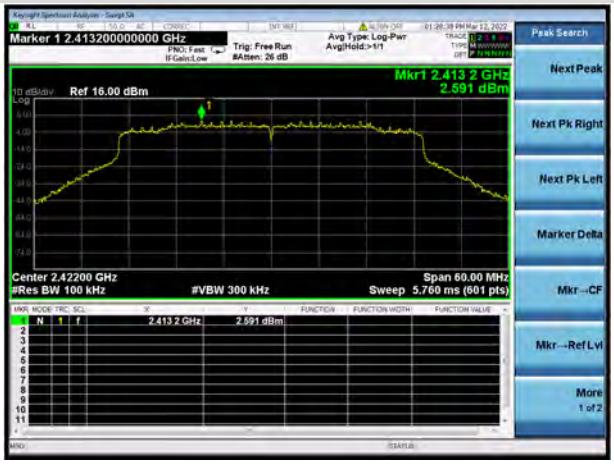
802.11ax-20 MHz(SU) HIGH CHANNEL, REFERENCE LEVEL



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

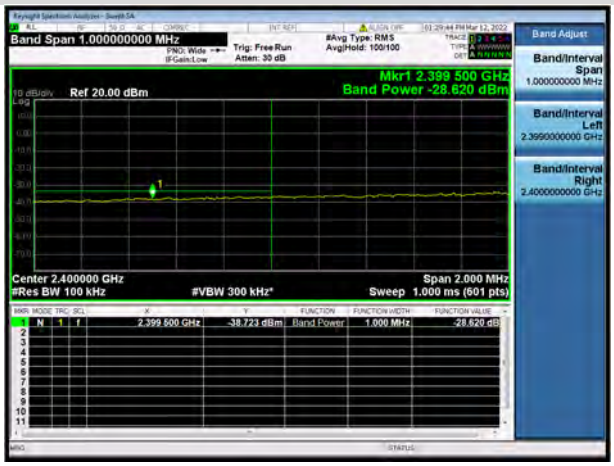


802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



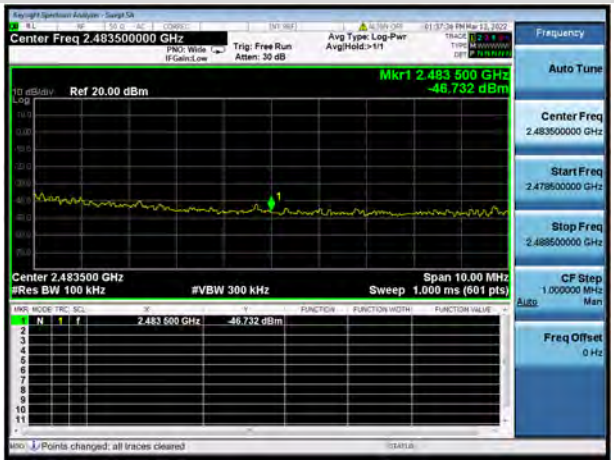
802.11ax-40 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

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

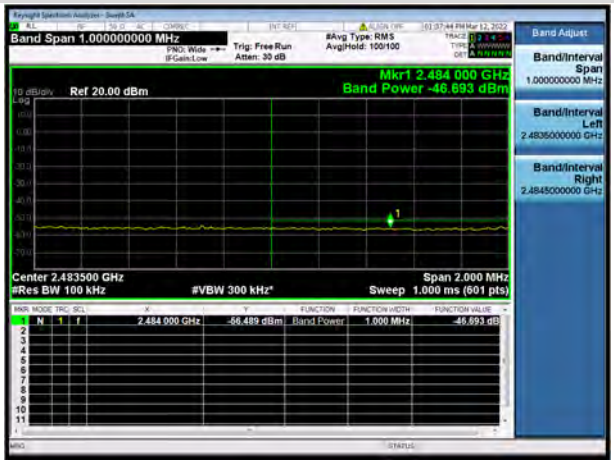


802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL

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



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

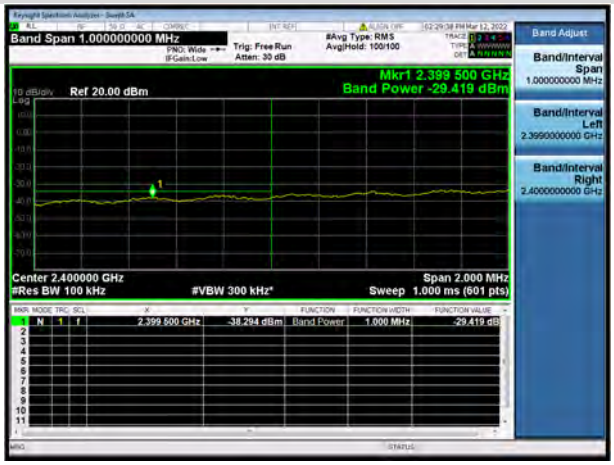


MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

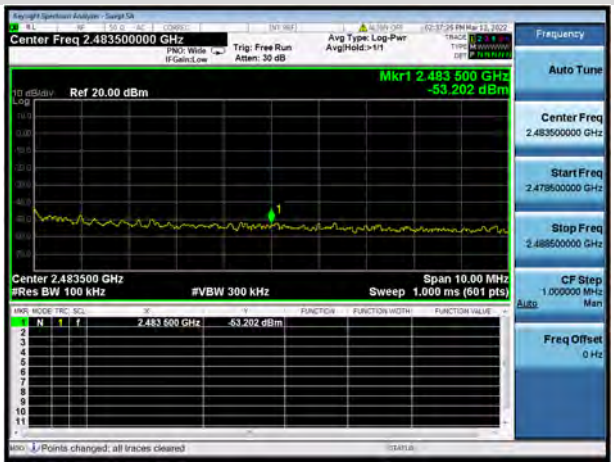
802.11n-20 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-20 MHz LOW CHANNEL, BAND EDGE



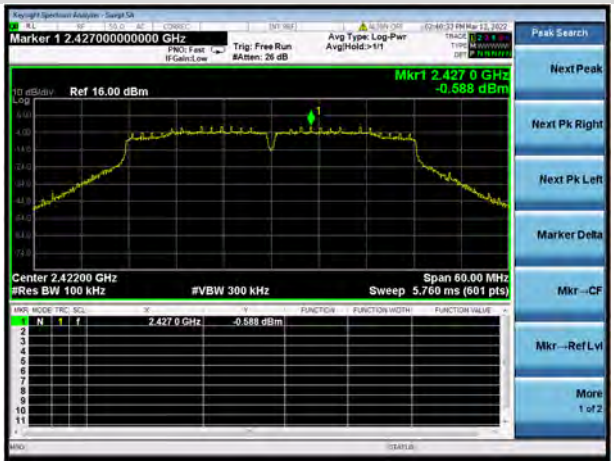
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL

802.11n-20 MHz HIGH CHANNEL, REFERENCE LEVEL



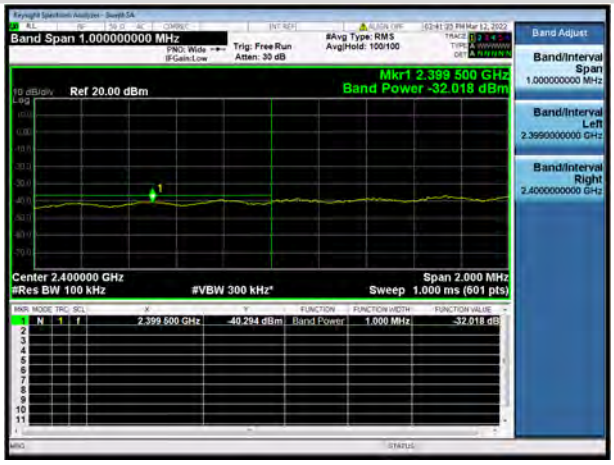
802.11n-20 MHz HIGH CHANNEL, BAND EDGE

802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



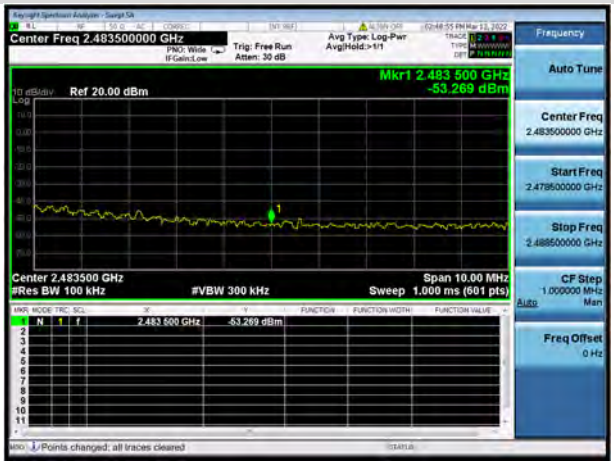
802.11n-40 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-40 MHz LOW CHANNEL, BAND EDGE

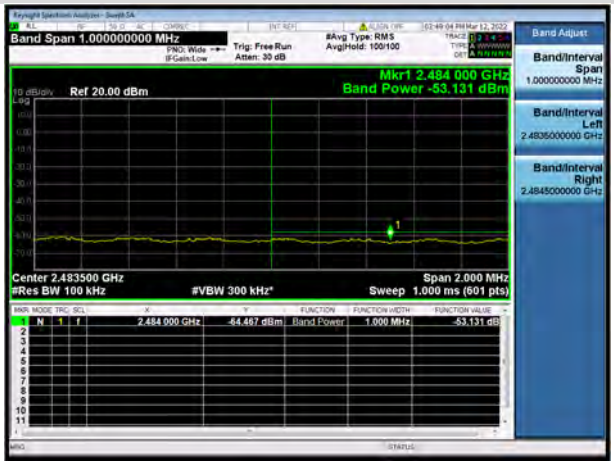


802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

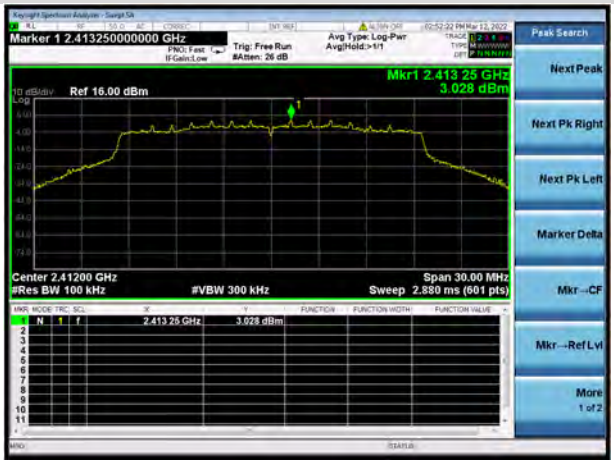
802.11n-40 MHz HIGH CHANNEL, REFERENCE LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

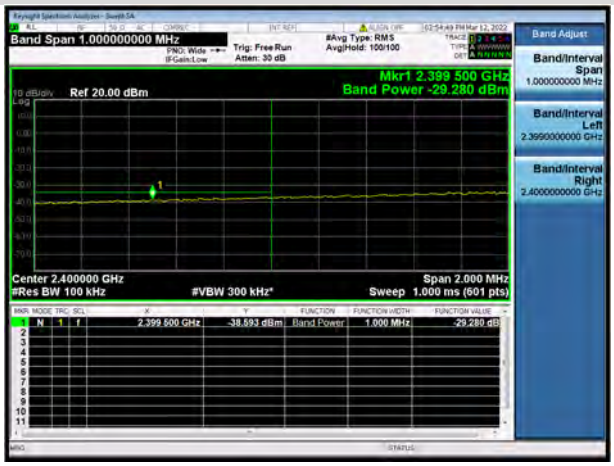


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

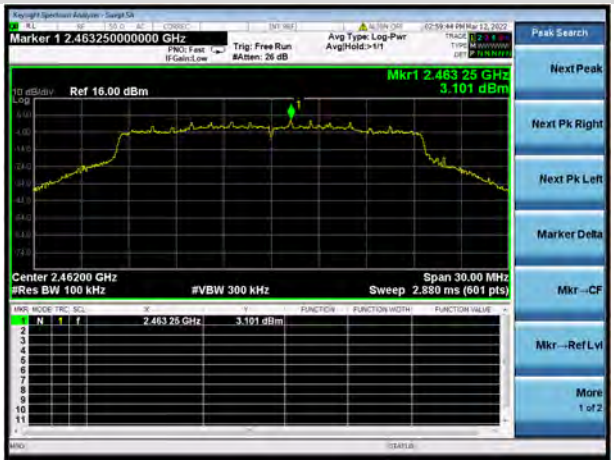


802.11ax-20 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

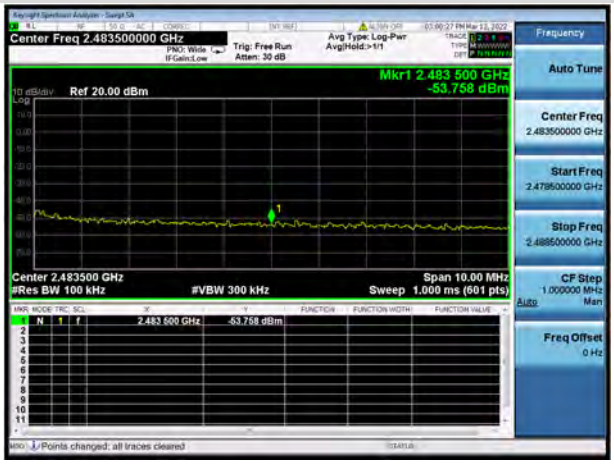
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



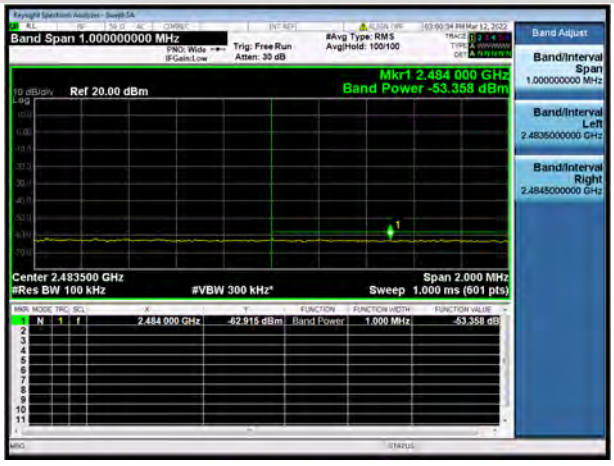
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



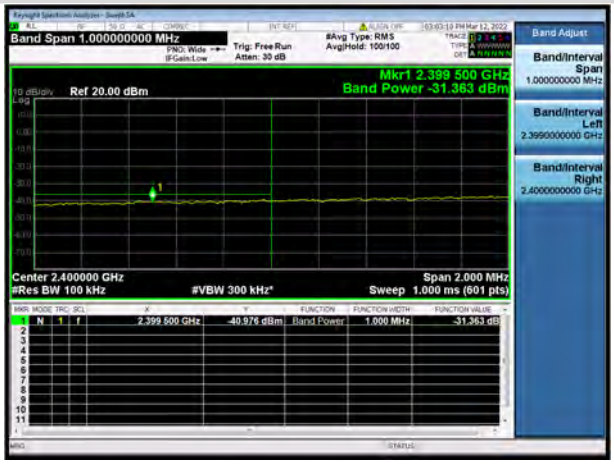
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



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

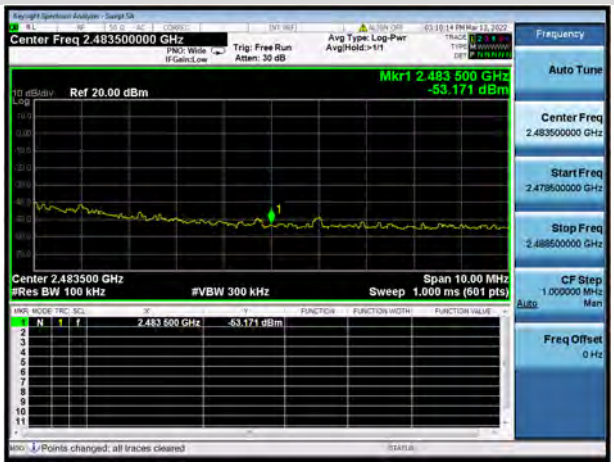
802.11ax-40 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

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

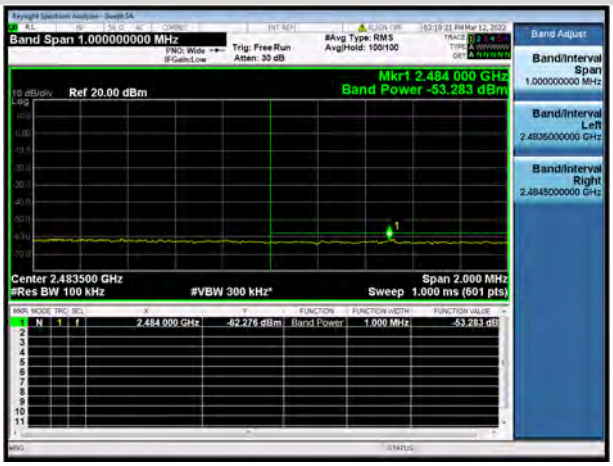


802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL

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



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

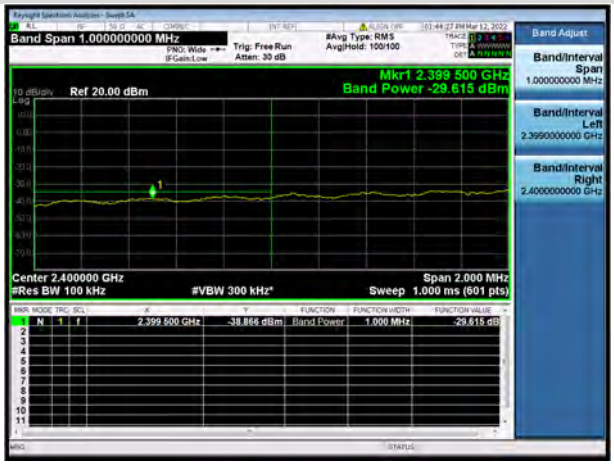


MIMO-Aux. Antenna

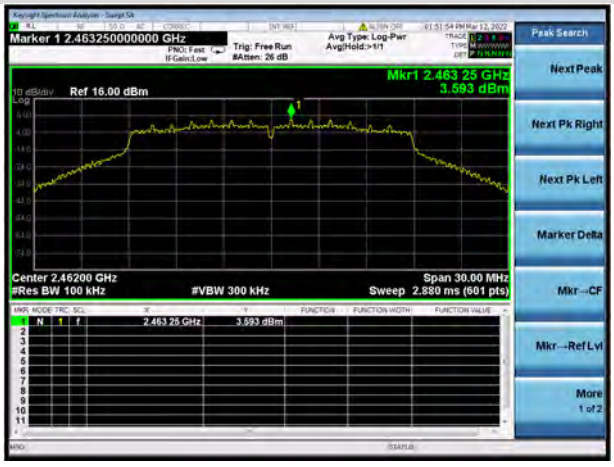
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, REFERENCE LEVEL

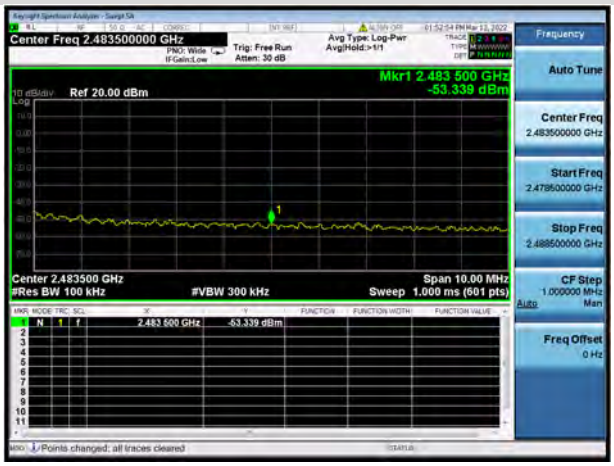
802.11n-20 MHz LOW CHANNEL, BAND EDGE



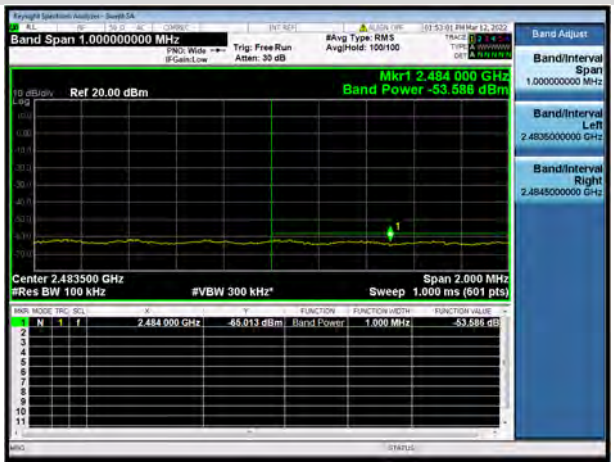
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



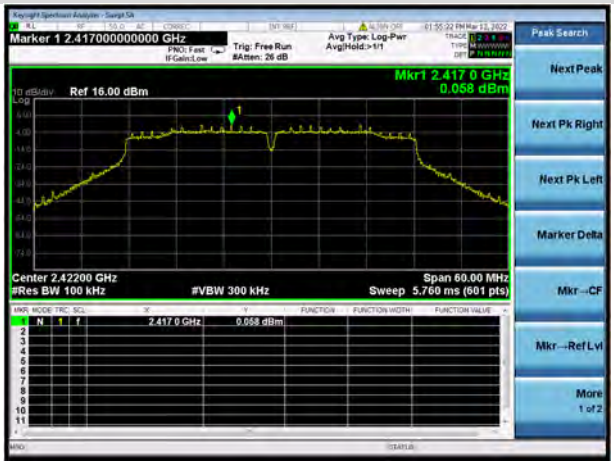
802.11n-20 MHz HIGH CHANNEL, REFERENCE LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE

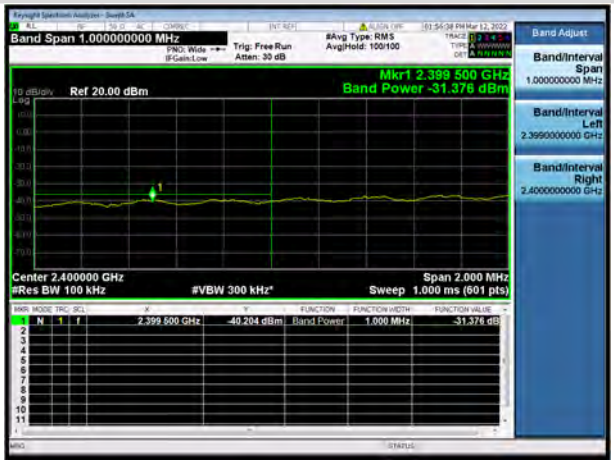


802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



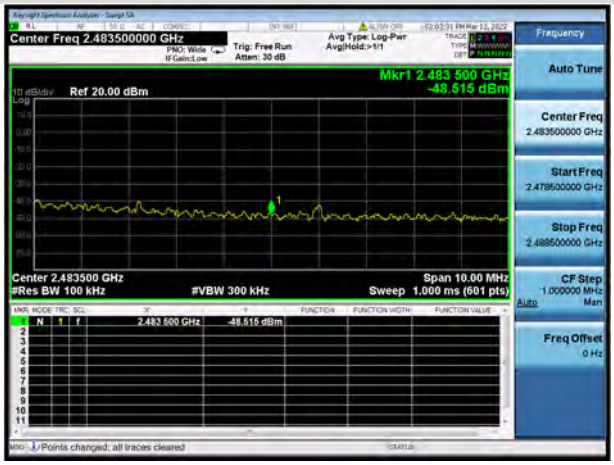
802.11n-40 MHz LOW CHANNEL, REFERENCE LEVEL

802.11n-40 MHz LOW CHANNEL, BAND EDGE

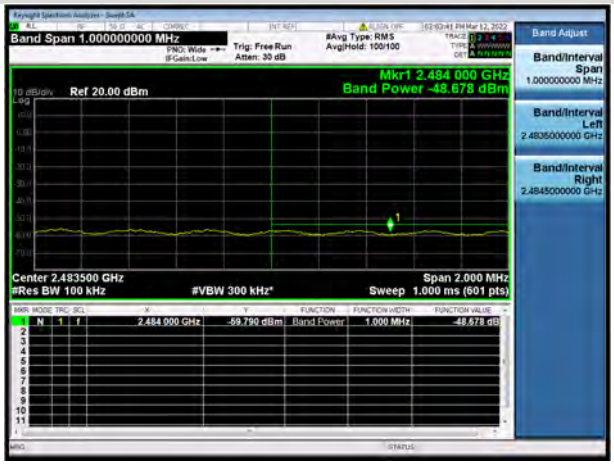


802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

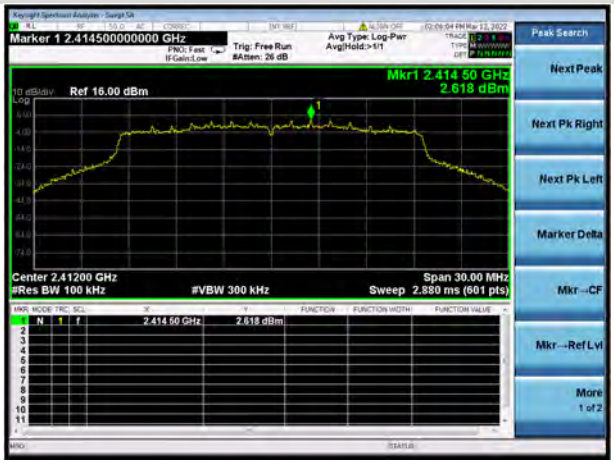
802.11n-40 MHz HIGH CHANNEL, REFERENCE LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

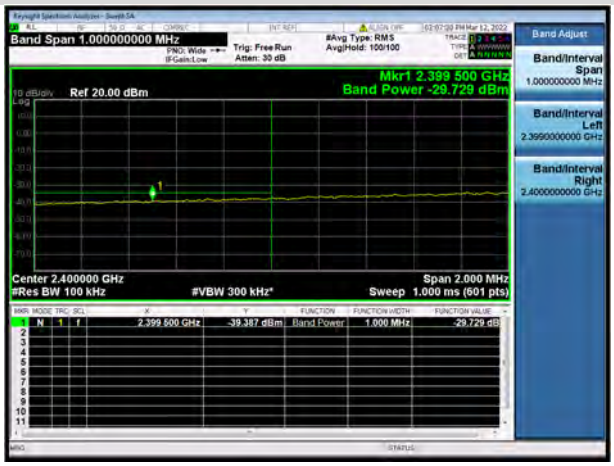


802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL

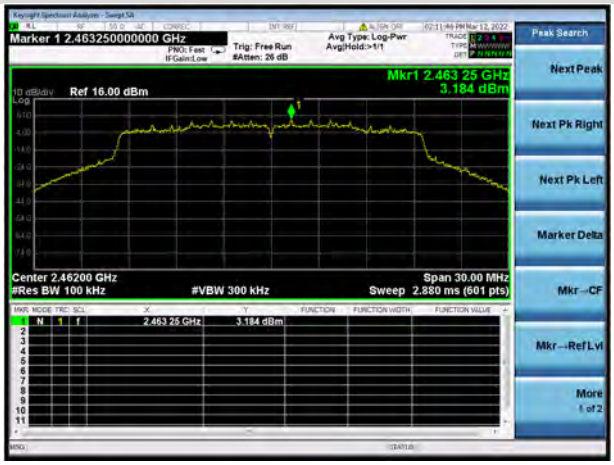


802.11ax-20 MHz(SU) LOW CHANNEL, REFERENCE LEVEL

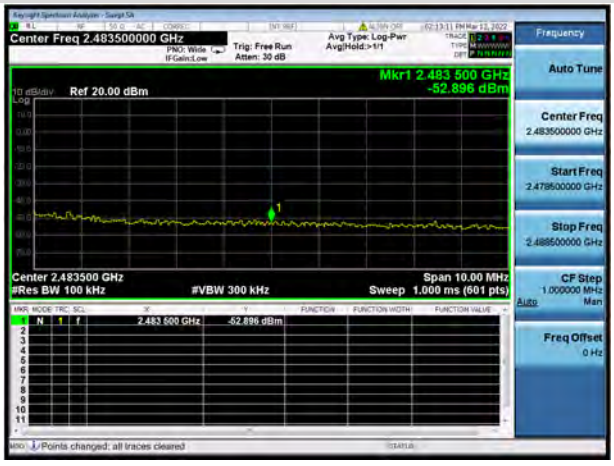
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



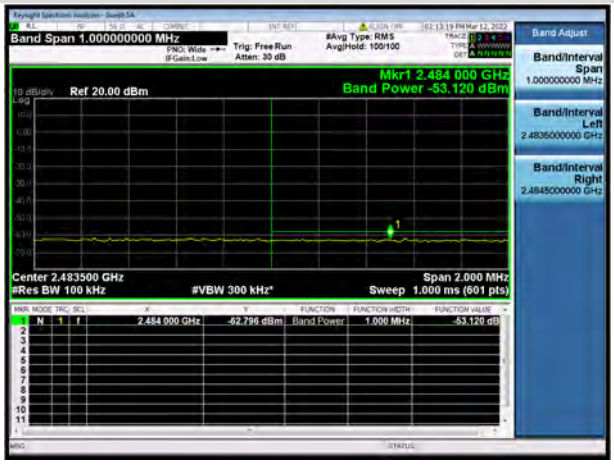
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



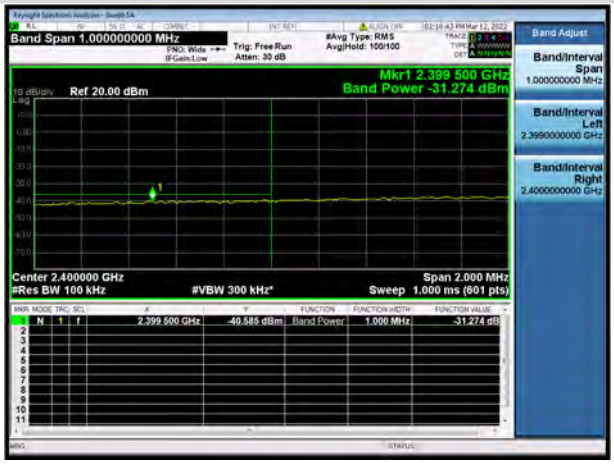
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



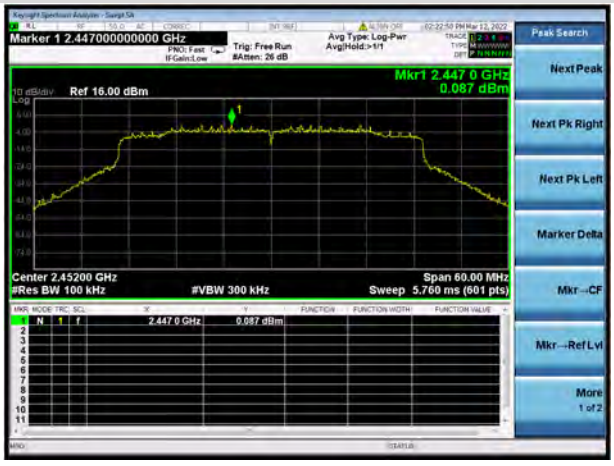
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL

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

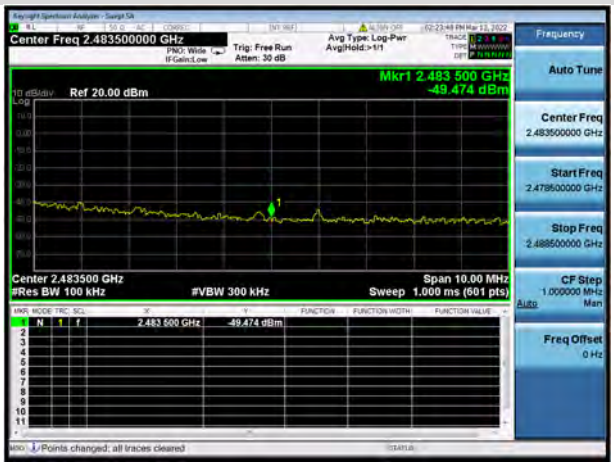
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



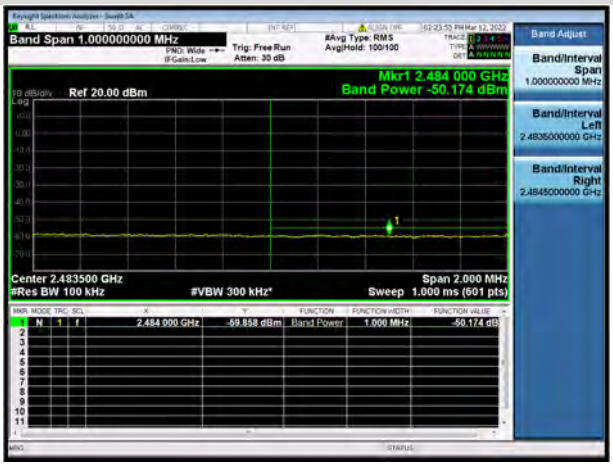
802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



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



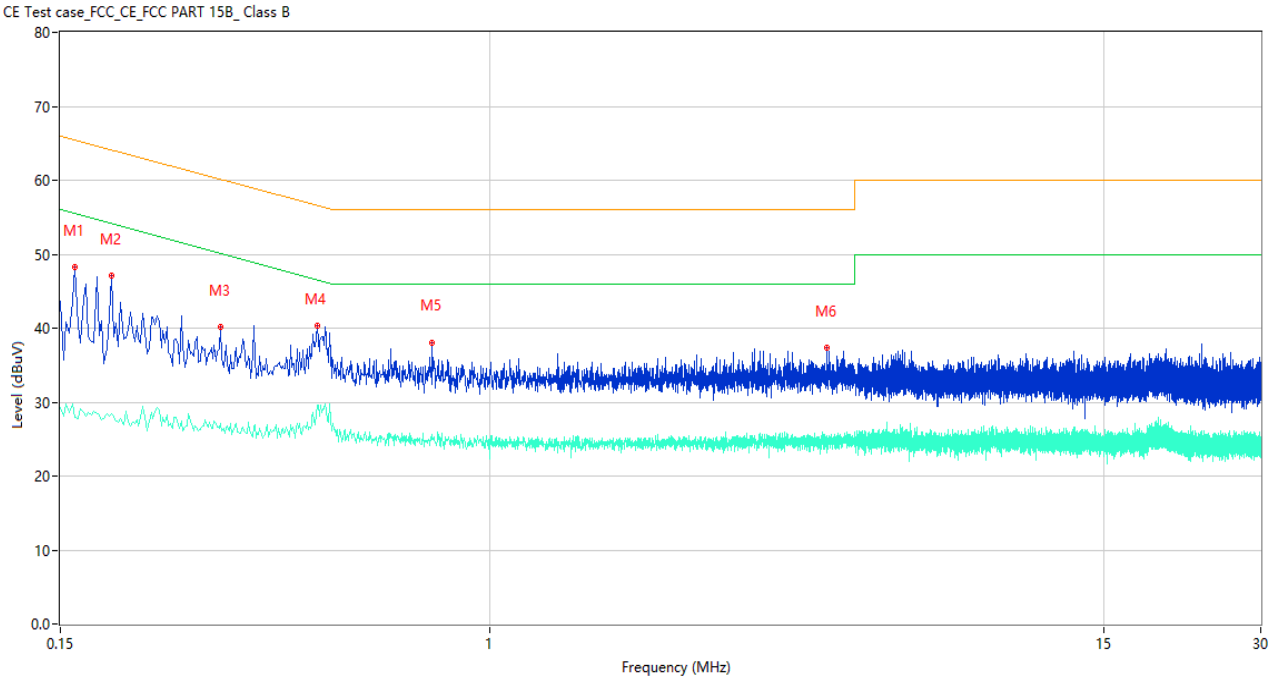
A.5 Conducted Emissions

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.

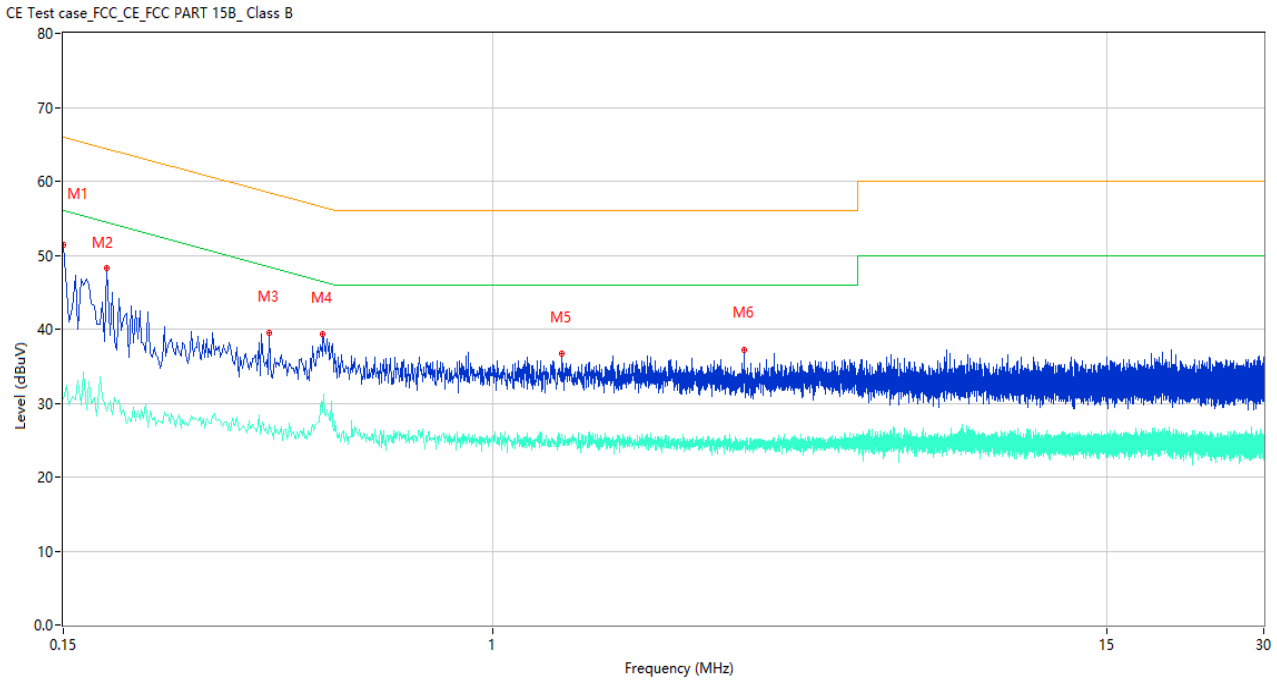
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	48.19	10.99	65.46	-17.27	Peak	L	Pass
1**	0.160	28.00	10.99	55.46	-27.46	AV	L	Pass
2	0.188	47.05	10.97	64.12	-17.07	Peak	L	Pass
2**	0.188	28.39	10.97	54.12	-25.73	AV	L	Pass
3	0.304	40.10	10.88	60.13	-20.03	Peak	L	Pass
3**	0.304	27.13	10.88	50.13	-23.00	AV	L	Pass
4	0.466	40.40	10.91	56.58	-16.18	Peak	L	Pass
4**	0.466	29.65	10.91	46.58	-16.93	AV	L	Pass
5	0.774	38.06	10.80	56.00	-17.94	Peak	L	Pass
5**	0.774	25.62	10.80	46.00	-20.38	AV	L	Pass
6	4.412	37.32	10.70	56.00	-18.68	Peak	L	Pass
6**	4.412	24.22	10.70	46.00	-21.78	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	51.36	11.00	66.00	-14.64	Peak	N	Pass
1**	0.150	30.57	11.00	56.00	-25.43	AV	N	Pass
2	0.182	48.25	10.97	64.39	-16.14	Peak	N	Pass
2**	0.182	28.97	10.97	54.39	-25.42	AV	N	Pass
3	0.372	39.54	10.89	58.46	-18.92	Peak	N	Pass
3**	0.372	27.14	10.89	48.46	-21.32	AV	N	Pass
4	0.472	39.27	10.92	56.48	-17.21	Peak	N	Pass
4**	0.472	28.90	10.92	46.48	-17.58	AV	N	Pass
5	1.356	36.70	10.72	56.00	-19.30	Peak	N	Pass
5**	1.356	25.77	10.72	46.00	-20.23	AV	N	Pass
6	3.022	37.26	10.70	56.00	-18.74	Peak	N	Pass
6**	3.022	24.45	10.70	46.00	-21.55	AV	N	Pass

A.6 Radiated Emission

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

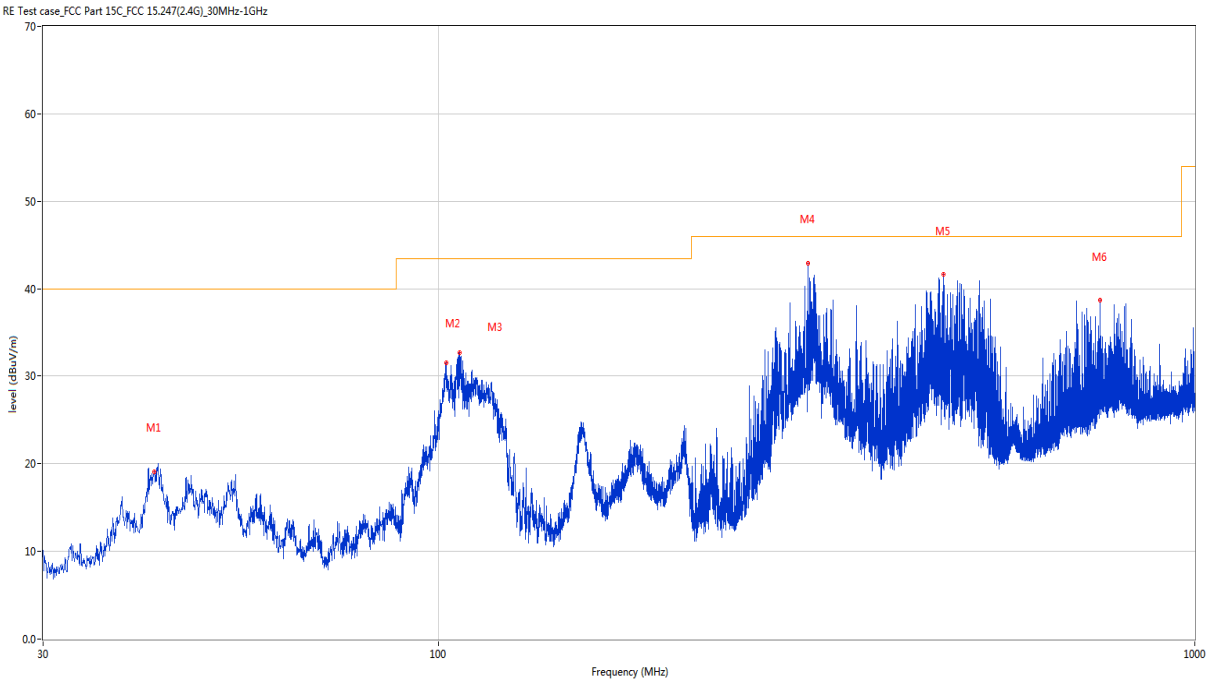
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

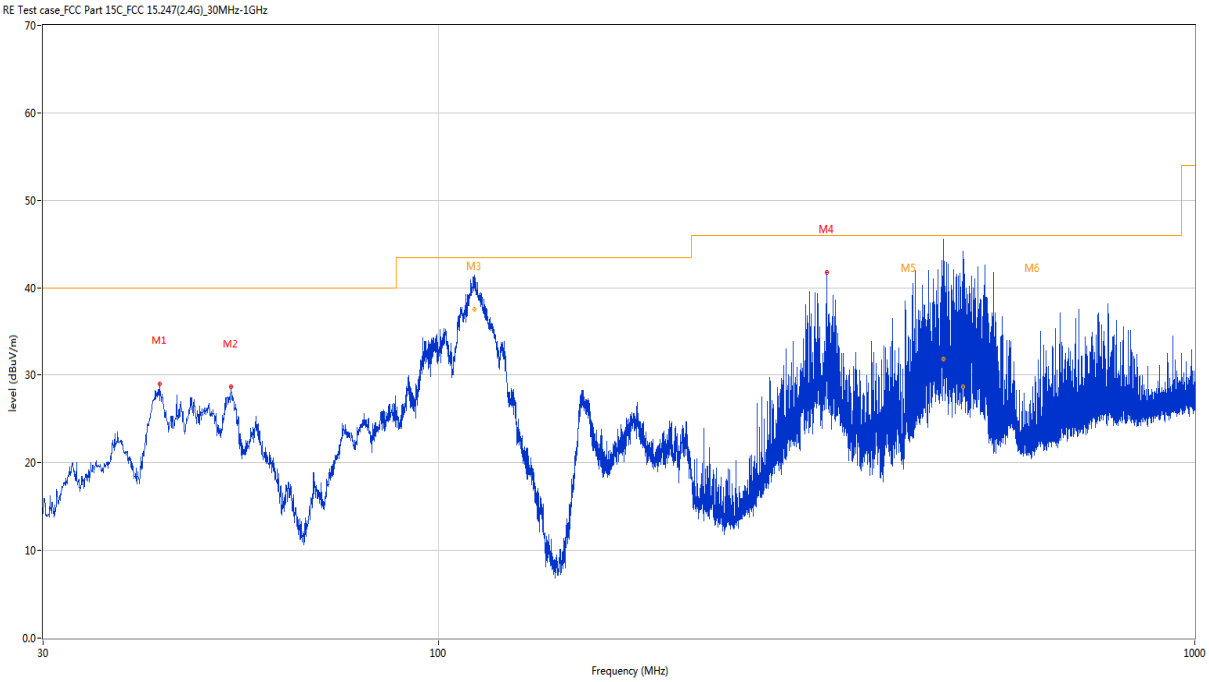
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.125	19.10	-23.45	40.0	-20.90	Peak	171.10	100	Horizontal	Pass
2	102.313	31.46	-24.50	43.5	-12.04	Peak	360.00	200	Horizontal	Pass
3	106.533	32.68	-24.11	43.5	-10.82	Peak	220.70	200	Horizontal	Pass
4	308.002	42.97	-21.56	46.0	-3.03	Peak	28.20	100	Horizontal	Pass
5	465.482	41.71	-17.30	46.0	-4.29	Peak	325.90	100	Horizontal	Pass
6	748.770	38.73	-12.47	46.0	-7.27	Peak	360.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.755	28.96	-23.40	40.0	-11.04	Peak	199.00	100	Vertical	Pass
2	53.183	28.68	-22.97	40.0	-11.32	Peak	247.40	100	Vertical	Pass
3	111.618	41.54	-24.48	43.5	-1.96	Peak	151.30	103	Vertical	N/A
3*	111.618	37.57	-24.48	43.5	-5.93	QP	151.30	103	Vertical	Pass
4	325.802	41.76	-20.80	46.0	-4.24	Peak	0.00	200	Vertical	Pass
5	465.373	45.61	-17.31	46.0	-0.39	Peak	215.00	114	Vertical	N/A
5*	465.373	31.81	-17.31	46.0	-14.19	QP	215.00	114	Vertical	Pass
6	493.682	43.60	-16.98	46.0	-2.40	Peak	6.90	115	Vertical	N/A
6*	493.682	28.65	-16.98	46.0	-17.35	QP	6.90	115	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.300	52.07	-17.51	74.0	-21.93	Peak	110.00	150	Horizontal	Pass
1**	1592.300	45.99	-17.51	54.0	-8.01	AV	110.00	150	Horizontal	Pass
2	2412.600	104.08	-12.26	74.0	30.08	Peak	92.00	150	Horizontal	N/A
2**	2412.600	100.30	-12.26	54.0	46.30	AV	92.00	150	Horizontal	N/A
3	4800.600	55.04	-2.56	74.0	-18.96	Peak	184.00	150	Horizontal	Pass
3**	4800.600	47.32	-2.56	54.0	-6.68	AV	184.00	150	Horizontal	Pass
4	6685.800	54.25	-0.19	74.0	-19.75	Peak	321.00	150	Horizontal	Pass
4**	6685.800	45.19	-0.19	54.0	-8.81	AV	321.00	150	Horizontal	Pass
5	9754.825	51.51	-0.39	74.0	-22.49	Peak	73.00	150	Horizontal	Pass
5**	9754.825	41.62	-0.39	54.0	-12.38	AV	73.00	150	Horizontal	Pass
6	13369.500	56.38	0.71	74.0	-17.62	Peak	286.00	150	Horizontal	Pass
6**	13369.500	45.99	0.71	54.0	-8.01	AV	286.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.500	54.01	-17.46	74.0	-19.99	Peak	112.00	150	Vertical	Pass
1**	1593.500	41.41	-17.46	54.0	-12.59	AV	112.00	150	Vertical	Pass
2	2412.600	103.00	-12.26	74.0	29.00	Peak	153.00	150	Vertical	N/A
2**	2412.600	98.99	-12.26	54.0	44.99	AV	153.00	150	Vertical	N/A
3	4777.400	51.41	-3.06	74.0	-22.59	Peak	166.00	150	Vertical	Pass
3**	4777.400	50.40	-3.06	54.0	-3.60	AV	166.00	150	Vertical	Pass
4	7163.300	51.69	-3.61	74.0	-22.31	Peak	132.00	150	Vertical	Pass
4**	7163.300	40.00	-3.61	54.0	-14.00	AV	132.00	150	Vertical	Pass
5	10195.562	51.90	0.44	74.0	-22.10	Peak	210.00	150	Vertical	Pass
5**	10195.562	43.36	0.44	54.0	-10.64	AV	210.00	150	Vertical	Pass
6	13418.325	55.48	0.40	74.0	-18.52	Peak	0.00	150	Vertical	Pass
6**	13418.325	46.39	0.40	54.0	-7.61	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1773.700	54.12	-16.99	74.0	-19.88	Peak	143.00	150	Horizontal	Pass
1**	1773.700	44.59	-16.99	54.0	-9.41	AV	143.00	150	Horizontal	Pass
2	2437.500	97.20	-12.59	74.0	23.20	Peak	236.00	150	Horizontal	N/A
2**	2437.500	92.54	-12.59	54.0	38.54	AV	236.00	150	Horizontal	N/A
3	5314.200	54.16	-2.68	74.0	-19.84	Peak	241.00	150	Horizontal	Pass
3**	5314.200	42.09	-2.68	54.0	-11.91	AV	241.00	150	Horizontal	Pass
4	6682.000	54.33	-0.47	74.0	-19.67	Peak	346.00	150	Horizontal	Pass
4**	6682.000	45.21	-0.47	54.0	-8.79	AV	346.00	150	Horizontal	Pass
5	9819.225	51.11	0.03	74.0	-22.89	Peak	267.00	150	Horizontal	Pass
5**	9819.225	41.87	0.03	54.0	-12.13	AV	267.00	150	Horizontal	Pass
6	13291.275	55.75	0.80	74.0	-18.25	Peak	209.00	150	Horizontal	Pass
6**	13291.275	46.59	0.80	54.0	-7.41	AV	209.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.200	56.62	-16.93	74.0	-17.38	Peak	131.00	150	Vertical	Pass
1**	1777.200	51.99	-16.93	54.0	-2.02	AV	131.00	150	Vertical	Pass
2	2438.000	96.21	-12.60	74.0	22.21	Peak	155.00	150	Vertical	N/A
2**	2438.000	93.32	-12.60	54.0	39.32	AV	155.00	150	Vertical	N/A
3	5310.400	53.29	-2.83	74.0	-20.71	Peak	166.00	150	Vertical	Pass
3**	5310.400	51.97	-2.83	54.0	-2.03	AV	166.00	150	Vertical	Pass
4	6678.600	54.74	-0.55	74.0	-19.26	Peak	62.00	150	Vertical	Pass
4**	6678.600	44.84	-0.55	54.0	-9.16	AV	62.00	150	Vertical	Pass
5	9825.838	51.15	-0.18	74.0	-22.85	Peak	144.00	150	Vertical	Pass
5**	9825.838	42.39	-0.18	54.0	-11.61	AV	144.00	150	Vertical	Pass
6	13300.463	56.51	0.87	74.0	-17.49	Peak	39.00	150	Vertical	Pass
6**	13300.463	46.65	0.87	54.0	-7.35	AV	39.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.000	54.13	-16.93	74.0	-19.87	Peak	140.00	150	Horizontal	Pass
1**	1777.000	38.59	-16.93	54.0	-15.41	AV	140.00	150	Horizontal	Pass
2	2460.500	98.07	-12.75	74.0	24.07	Peak	100.00	150	Horizontal	N/A
2**	2460.500	94.22	-12.75	54.0	40.22	AV	100.00	150	Horizontal	N/A
3	4800.000	50.77	-2.55	74.0	-23.23	Peak	136.00	150	Horizontal	Pass
3**	4800.000	43.34	-2.55	54.0	-10.66	AV	136.00	150	Horizontal	Pass
4	6684.600	54.88	-0.26	74.0	-19.12	Peak	47.00	150	Horizontal	Pass
4**	6684.600	45.57	-0.26	54.0	-8.43	AV	47.00	150	Horizontal	Pass
5	9236.175	50.94	-1.29	74.0	-23.06	Peak	236.00	150	Horizontal	Pass
5**	9236.175	41.76	-1.29	54.0	-12.24	AV	236.00	150	Horizontal	Pass
6	13740.151	56.51	1.26	74.0	-17.49	Peak	125.00	150	Horizontal	Pass
6**	13740.151	45.32	1.26	54.0	-8.68	AV	125.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1775.800	56.98	-16.96	74.0	-17.02	Peak	137.00	150	Vertical	Pass
1**	1775.800	48.75	-16.96	54.0	-5.25	AV	137.00	150	Vertical	Pass
2	2463.100	95.80	-12.80	74.0	21.80	Peak	154.00	150	Vertical	N/A
2**	2463.100	92.92	-12.80	54.0	38.92	AV	154.00	150	Vertical	N/A
3	5303.200	56.12	-3.10	74.0	-17.88	Peak	150.00	150	Vertical	Pass
3**	5303.200	42.62	-3.10	54.0	-11.38	AV	150.00	150	Vertical	Pass
4	6680.000	53.68	-0.53	74.0	-20.32	Peak	239.00	150	Vertical	Pass
4**	6680.000	45.23	-0.53	54.0	-8.77	AV	239.00	150	Vertical	Pass
5	9829.287	51.33	-0.32	74.0	-22.67	Peak	104.00	150	Vertical	Pass
5**	9829.287	41.94	-0.32	54.0	-12.06	AV	104.00	150	Vertical	Pass
6	13338.263	55.84	1.04	74.0	-18.16	Peak	225.00	150	Vertical	Pass
6**	13338.263	47.03	1.04	54.0	-6.97	AV	225.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.700	53.90	-16.92	74.0	-20.10	Peak	240.00	150	Horizontal	Pass
1**	1777.700	44.52	-16.92	54.0	-9.48	AV	240.00	150	Horizontal	Pass
2	2416.100	94.99	-12.25	74.0	20.99	Peak	232.00	150	Horizontal	N/A
2**	2416.100	87.55	-12.25	54.0	33.55	AV	232.00	150	Horizontal	N/A
3	5325.200	55.13	-2.94	74.0	-18.87	Peak	255.00	150	Horizontal	Pass
3**	5325.200	42.26	-2.94	54.0	-11.74	AV	255.00	150	Horizontal	Pass
4	6994.000	53.05	0.27	74.0	-20.95	Peak	230.00	150	Horizontal	Pass
4**	6994.000	44.19	0.27	54.0	-9.81	AV	230.00	150	Horizontal	Pass
5	9763.450	52.51	-0.38	74.0	-21.49	Peak	234.00	150	Horizontal	Pass
5**	9763.450	42.30	-0.38	54.0	-11.70	AV	234.00	150	Horizontal	Pass
6	13411.763	56.00	0.47	74.0	-18.00	Peak	292.00	150	Horizontal	Pass
6**	13411.763	46.57	0.47	54.0	-7.43	AV	292.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.000	48.76	-16.93	74.0	-25.24	Peak	125.00	150	Vertical	Pass
1**	1777.000	51.62	-16.93	54.0	-2.38	AV	125.00	150	Vertical	Pass
2	2416.000	94.21	-12.25	74.0	20.21	Peak	157.00	150	Vertical	N/A
2**	2416.000	85.92	-12.25	54.0	31.92	AV	157.00	150	Vertical	N/A
3	5329.600	48.66	-3.08	74.0	-25.34	Peak	169.00	150	Vertical	Pass
3**	5329.600	49.22	-3.08	54.0	-4.78	AV	169.00	150	Vertical	Pass
4	6754.400	54.09	-0.83	74.0	-19.91	Peak	261.00	150	Vertical	Pass
4**	6754.400	44.72	-0.83	54.0	-9.28	AV	261.00	150	Vertical	Pass
5	10138.063	52.65	-0.01	74.0	-21.35	Peak	306.00	150	Vertical	Pass
5**	10138.063	44.04	-0.01	54.0	-9.96	AV	306.00	150	Vertical	Pass
6	13423.050	55.78	0.40	74.0	-18.22	Peak	360.00	150	Vertical	Pass
6**	13423.050	46.81	0.40	54.0	-7.19	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.900	54.38	-16.93	74.0	-19.62	Peak	229.00	150	Horizontal	Pass
1**	1776.900	46.07	-16.93	54.0	-7.93	AV	229.00	150	Horizontal	Pass
2	2440.200	96.60	-12.71	74.0	22.60	Peak	229.00	150	Horizontal	N/A
2**	2440.200	89.01	-12.71	54.0	35.01	AV	229.00	150	Horizontal	N/A
3	4919.400	51.62	-2.43	74.0	-22.38	Peak	203.00	150	Horizontal	Pass
3**	4919.400	41.58	-2.43	54.0	-12.42	AV	203.00	150	Horizontal	Pass
4	6614.000	54.23	0.18	74.0	-19.77	Peak	280.00	150	Horizontal	Pass
4**	6614.000	44.62	0.18	54.0	-9.38	AV	280.00	150	Horizontal	Pass
5	9519.651	50.60	-0.24	74.0	-23.40	Peak	307.00	150	Horizontal	Pass
5**	9519.651	40.33	-0.24	54.0	-13.67	AV	307.00	150	Horizontal	Pass
6	13422.262	56.11	0.40	74.0	-17.89	Peak	128.00	150	Horizontal	Pass
6**	13422.262	46.35	0.40	54.0	-7.65	AV	128.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.700	55.58	-17.52	74.0	-18.42	Peak	145.00	150	Vertical	Pass
1**	1554.700	50.78	-17.52	54.0	-3.22	AV	145.00	150	Vertical	Pass
2	2438.200	95.64	-12.60	74.0	21.64	Peak	153.00	150	Vertical	N/A
2**	2438.200	88.75	-12.60	54.0	34.75	AV	153.00	150	Vertical	N/A
3	5313.400	52.95	-2.68	74.0	-21.05	Peak	140.00	150	Vertical	Pass
3**	5313.400	50.43	-2.68	54.0	-3.57	AV	140.00	150	Vertical	Pass
4	6971.000	53.98	0.66	74.0	-20.02	Peak	233.00	150	Vertical	Pass
4**	6971.000	44.58	0.66	54.0	-9.42	AV	233.00	150	Vertical	Pass
5	10488.526	52.18	-0.81	74.0	-21.82	Peak	360.00	150	Vertical	Pass
5**	10488.526	43.07	-0.81	54.0	-10.93	AV	360.00	150	Vertical	Pass
6	13296.787	56.38	0.85	74.0	-17.62	Peak	360.00	150	Vertical	Pass
6**	13296.787	47.32	0.85	54.0	-6.68	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.100	55.26	-17.10	74.0	-18.74	Peak	238.00	150	Horizontal	Pass
1**	1771.100	46.97	-17.10	54.0	-7.03	AV	238.00	150	Horizontal	Pass
2	2465.200	96.46	-12.73	74.0	22.46	Peak	222.00	150	Horizontal	N/A
2**	2465.200	88.62	-12.73	54.0	34.62	AV	222.00	150	Horizontal	N/A
3	5279.600	51.68	-3.12	74.0	-22.32	Peak	360.00	150	Horizontal	Pass
3**	5279.600	48.28	-3.12	54.0	-5.72	AV	360.00	150	Horizontal	Pass
4	6679.600	54.16	-0.54	74.0	-19.84	Peak	360.00	150	Horizontal	Pass
4**	6679.600	46.15	-0.54	54.0	-7.85	AV	360.00	150	Horizontal	Pass
5	9755.112	51.22	-0.39	74.0	-22.78	Peak	148.00	150	Horizontal	Pass
5**	9755.112	43.11	-0.39	54.0	-10.89	AV	148.00	150	Horizontal	Pass
6	17127.187	56.48	2.25	74.0	-17.52	Peak	58.00	150	Horizontal	Pass
6**	17127.187	47.80	2.25	54.0	-6.20	AV	58.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.500	57.82	-17.07	74.0	-16.18	Peak	118.00	150	Vertical	Pass
1**	1771.500	49.42	-17.07	54.0	-4.58	AV	118.00	150	Vertical	Pass
2	2464.500	94.52	-12.75	74.0	20.52	Peak	152.00	150	Vertical	N/A
2**	2464.500	87.64	-12.75	54.0	33.64	AV	152.00	150	Vertical	N/A
3	5323.200	57.32	-2.73	74.0	-16.68	Peak	229.00	150	Vertical	Pass
3**	5323.200	51.26	-2.73	54.0	-2.74	AV	229.00	150	Vertical	Pass
4	6684.600	54.23	-0.26	74.0	-19.77	Peak	62.00	150	Vertical	Pass
4**	6684.600	45.48	-0.26	54.0	-8.52	AV	62.00	150	Vertical	Pass
5	10032.550	52.63	-0.72	74.0	-21.37	Peak	0.00	150	Vertical	Pass
5**	10032.550	41.86	-0.72	54.0	-12.14	AV	0.00	150	Vertical	Pass
6	17198.588	56.86	1.98	74.0	-17.14	Peak	318.00	150	Vertical	Pass
6**	17198.588	47.83	1.98	54.0	-6.17	AV	318.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1775.800	54.15	-16.96	74.0	-19.85	Peak	27.00	150	Horizontal	Pass
1**	1775.800	45.78	-16.96	54.0	-8.22	AV	27.00	150	Horizontal	Pass
2	2413.200	95.27	-12.26	74.0	21.27	Peak	228.00	150	Horizontal	N/A
2**	2413.200	87.02	-12.26	54.0	33.02	AV	228.00	150	Horizontal	N/A
3	4800.200	53.43	-2.55	74.0	-20.57	Peak	180.00	150	Horizontal	Pass
3**	4800.200	45.19	-2.55	54.0	-8.81	AV	180.00	150	Horizontal	Pass
4	6626.600	54.06	-0.26	74.0	-19.94	Peak	10.00	150	Horizontal	Pass
4**	6626.600	43.94	-0.26	54.0	-10.06	AV	10.00	150	Horizontal	Pass
5	10146.688	51.83	0.03	74.0	-22.17	Peak	179.00	150	Horizontal	Pass
5**	10146.688	42.76	0.03	54.0	-11.24	AV	179.00	150	Horizontal	Pass
6	15800.513	56.54	2.33	74.0	-17.46	Peak	266.00	150	Horizontal	Pass
6**	15800.513	46.28	2.33	54.0	-7.72	AV	266.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.400	50.33	-16.92	74.0	-23.67	Peak	279.00	150	Vertical	Pass
1**	1777.400	51.58	-16.92	54.0	-2.42	AV	279.00	150	Vertical	Pass
2	2410.200	93.75	-12.24	74.0	19.75	Peak	152.00	150	Vertical	N/A
2**	2410.200	87.54	-12.24	54.0	33.54	AV	152.00	150	Vertical	N/A
3	5312.200	54.62	-2.70	74.0	-19.38	Peak	142.00	150	Vertical	Pass
3**	5312.200	50.57	-2.70	54.0	-3.43	AV	142.00	150	Vertical	Pass
4	6596.600	53.90	-0.83	74.0	-20.10	Peak	273.00	150	Vertical	Pass
4**	6596.600	44.14	-0.83	54.0	-9.86	AV	273.00	150	Vertical	Pass
5	10141.513	52.30	0.03	74.0	-21.70	Peak	360.00	150	Vertical	Pass
5**	10141.513	42.70	0.03	54.0	-11.30	AV	360.00	150	Vertical	Pass
6	16011.300	56.48	0.45	74.0	-17.52	Peak	127.00	150	Vertical	Pass
6**	16011.300	46.49	0.45	54.0	-7.51	AV	127.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1772.000	53.65	-17.02	74.0	-20.35	Peak	239.00	150	Horizontal	Pass
1**	1772.000	37.12	-17.02	54.0	-16.88	AV	239.00	150	Horizontal	Pass
2	2439.000	96.76	-12.62	74.0	22.76	Peak	231.00	150	Horizontal	N/A
2**	2439.000	88.37	-12.62	54.0	34.37	AV	231.00	150	Horizontal	N/A
3	5314.600	53.71	-2.69	74.0	-20.29	Peak	262.00	150	Horizontal	Pass
3**	5314.600	46.91	-2.69	54.0	-7.09	AV	262.00	150	Horizontal	Pass
4	6685.000	54.38	-0.21	74.0	-19.62	Peak	208.00	150	Horizontal	Pass
4**	6685.000	44.88	-0.21	54.0	-9.12	AV	208.00	150	Horizontal	Pass
5	10932.712	52.30	0.03	74.0	-21.70	Peak	309.00	150	Horizontal	Pass
5**	10932.712	43.24	0.03	54.0	-10.76	AV	309.00	150	Horizontal	Pass
6	16089.787	56.23	1.44	74.0	-17.77	Peak	268.00	150	Horizontal	Pass
6**	16089.787	47.12	1.44	54.0	-6.88	AV	268.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.900	46.47	-16.93	74.0	-27.53	Peak	135.00	150	Vertical	Pass
1**	1776.900	50.11	-16.93	54.0	-3.89	AV	135.00	150	Vertical	Pass
2	2441.200	96.20	-12.84	74.0	22.20	Peak	159.00	150	Vertical	N/A
2**	2441.200	88.45	-12.84	54.0	34.45	AV	159.00	150	Vertical	N/A
3	5306.200	49.80	-2.99	74.0	-24.20	Peak	87.00	150	Vertical	Pass
3**	5306.200	48.66	-2.99	54.0	-5.34	AV	87.00	150	Vertical	Pass
4	6680.200	54.37	-0.53	74.0	-19.63	Peak	48.00	150	Vertical	Pass
4**	6680.200	45.03	-0.53	54.0	-8.97	AV	48.00	150	Vertical	Pass
5	10322.350	52.52	-0.13	74.0	-21.48	Peak	252.00	150	Vertical	Pass
5**	10322.350	42.79	-0.13	54.0	-11.21	AV	252.00	150	Vertical	Pass
6	17239.011	57.23	1.56	74.0	-16.77	Peak	164.00	150	Vertical	Pass
6**	17239.011	47.15	1.56	54.0	-6.85	AV	164.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.800	50.12	-16.93	74.0	-23.88	Peak	291.00	150	Horizontal	Pass
1**	1776.800	47.84	-16.93	54.0	-6.16	AV	291.00	150	Horizontal	Pass
2	2465.100	97.34	-12.73	74.0	23.34	Peak	91.00	150	Horizontal	N/A
2**	2465.100	89.39	-12.73	54.0	35.39	AV	91.00	150	Horizontal	N/A
3	4800.000	51.69	-2.55	74.0	-22.31	Peak	100.00	150	Horizontal	Pass
3**	4800.000	44.98	-2.55	54.0	-9.02	AV	100.00	150	Horizontal	Pass
4	6765.200	53.86	-1.21	74.0	-20.14	Peak	349.00	150	Horizontal	Pass
4**	6765.200	44.25	-1.21	54.0	-9.75	AV	349.00	150	Horizontal	Pass
5	10321.776	52.10	-0.14	74.0	-21.90	Peak	139.00	150	Horizontal	Pass
5**	10321.776	43.43	-0.14	54.0	-10.57	AV	139.00	150	Horizontal	Pass
6	16100.813	56.91	1.16	74.0	-17.09	Peak	228.00	150	Horizontal	Pass
6**	16100.813	47.73	1.16	54.0	-6.27	AV	228.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.700	49.04	-16.92	74.0	-24.96	Peak	360.00	150	Vertical	Pass
1**	1777.700	50.70	-16.92	54.0	-3.30	AV	360.00	150	Vertical	Pass
2	2465.300	95.29	-12.73	74.0	21.29	Peak	154.00	150	Vertical	N/A
2**	2465.300	87.54	-12.73	54.0	33.54	AV	154.00	150	Vertical	N/A
3	5322.400	54.74	-2.75	74.0	-19.26	Peak	214.00	150	Vertical	Pass
3**	5322.400	44.20	-2.75	54.0	-9.80	AV	214.00	150	Vertical	Pass
4	6698.800	54.15	-0.68	74.0	-19.85	Peak	0.00	150	Vertical	Pass
4**	6698.800	44.26	-0.68	54.0	-9.74	AV	0.00	150	Vertical	Pass
5	10319.762	52.26	-0.19	74.0	-21.74	Peak	209.00	150	Vertical	Pass
5**	10319.762	43.19	-0.19	54.0	-10.81	AV	209.00	150	Vertical	Pass
6	17193.599	56.83	2.23	74.0	-17.17	Peak	166.00	150	Vertical	Pass
6**	17193.599	47.96	2.23	54.0	-6.04	AV	166.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.800	55.00	-16.93	74.0	-19.00	Peak	141.00	150	Horizontal	Pass
1**	1776.800	36.57	-16.93	54.0	-17.43	AV	141.00	150	Horizontal	Pass
2	2419.900	92.77	-12.35	74.0	18.77	Peak	231.00	150	Horizontal	N/A
2**	2419.900	84.94	-12.35	54.0	30.94	AV	231.00	150	Horizontal	N/A
3	4829.600	51.70	-3.47	74.0	-22.30	Peak	79.00	150	Horizontal	Pass
3**	4829.600	41.51	-3.47	54.0	-12.49	AV	79.00	150	Horizontal	Pass
4	6733.800	53.76	-0.41	74.0	-20.24	Peak	360.00	150	Horizontal	Pass
4**	6733.800	45.11	-0.41	54.0	-8.89	AV	360.00	150	Horizontal	Pass
5	10151.862	52.89	-0.06	74.0	-21.11	Peak	325.00	150	Horizontal	Pass
5**	10151.862	43.76	-0.06	54.0	-10.24	AV	325.00	150	Horizontal	Pass
6	17197.011	57.10	2.07	74.0	-16.90	Peak	327.00	150	Horizontal	Pass
6**	17197.011	48.39	2.07	54.0	-5.61	AV	327.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.500	54.11	-16.92	74.0	-19.89	Peak	349.00	150	Vertical	Pass
1**	1777.500	51.37	-16.92	54.0	-2.63	AV	349.00	150	Vertical	Pass
2	2427.000	91.19	-12.79	74.0	17.19	Peak	157.00	150	Vertical	N/A
2**	2427.000	83.37	-12.79	54.0	29.37	AV	157.00	150	Vertical	N/A
3	5335.400	51.81	-3.13	74.0	-22.19	Peak	165.00	150	Vertical	Pass
3**	5335.400	49.87	-3.13	54.0	-4.13	AV	165.00	150	Vertical	Pass
4	6610.000	53.84	0.16	74.0	-20.16	Peak	230.00	150	Vertical	Pass
4**	6610.000	46.05	0.16	54.0	-7.95	AV	230.00	150	Vertical	Pass
5	10383.875	52.65	0.14	74.0	-21.35	Peak	308.00	150	Vertical	Pass
5**	10383.875	43.94	0.14	54.0	-10.06	AV	308.00	150	Vertical	Pass
6	17182.312	57.39	2.61	74.0	-16.61	Peak	355.00	150	Vertical	Pass
6**	17182.312	48.91	2.61	54.0	-5.09	AV	355.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.400	54.51	-16.92	74.0	-19.49	Peak	246.00	150	Horizontal	Pass
1**	1777.400	41.15	-16.92	54.0	-12.85	AV	246.00	150	Horizontal	Pass
2	2442.800	92.71	-12.86	74.0	18.71	Peak	229.00	150	Horizontal	N/A
2**	2442.800	84.85	-12.86	54.0	30.85	AV	229.00	150	Horizontal	N/A
3	5309.400	52.26	-2.88	74.0	-21.74	Peak	260.00	150	Horizontal	Pass
3**	5309.400	42.16	-2.88	54.0	-11.84	AV	260.00	150	Horizontal	Pass
4	6607.600	54.15	0.15	74.0	-19.85	Peak	287.00	150	Horizontal	Pass
4**	6607.600	44.35	0.15	54.0	-9.65	AV	287.00	150	Horizontal	Pass
5	10139.500	52.43	0.01	74.0	-21.57	Peak	360.00	150	Horizontal	Pass
5**	10139.500	43.04	0.01	54.0	-10.96	AV	360.00	150	Horizontal	Pass
6	17416.462	56.83	3.67	74.0	-17.17	Peak	326.00	150	Horizontal	Pass
6**	17416.462	47.56	3.67	54.0	-6.44	AV	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1774.200	56.38	-16.99	74.0	-17.62	Peak	116.00	150	Vertical	Pass
1**	1774.200	44.07	-16.99	54.0	-9.93	AV	116.00	150	Vertical	Pass
2	2430.600	92.52	-12.78	74.0	18.52	Peak	158.00	150	Vertical	N/A
2**	2430.600	85.10	-12.78	54.0	31.10	AV	158.00	150	Vertical	N/A
3	5332.800	54.05	-3.14	74.0	-19.95	Peak	77.00	150	Vertical	Pass
3**	5332.800	43.96	-3.14	54.0	-10.04	AV	77.00	150	Vertical	Pass
4	6675.800	54.18	-0.62	74.0	-19.82	Peak	199.00	150	Vertical	Pass
4**	6675.800	45.48	-0.62	54.0	-8.52	AV	199.00	150	Vertical	Pass
5	10153.588	51.70	-0.11	74.0	-22.30	Peak	345.00	150	Vertical	Pass
5**	10153.588	42.99	-0.11	54.0	-11.01	AV	345.00	150	Vertical	Pass
6	15820.463	56.20	1.85	74.0	-17.80	Peak	187.00	150	Vertical	Pass
6**	15820.463	46.49	1.85	54.0	-7.51	AV	187.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.100	54.26	-16.93	74.0	-19.74	Peak	229.00	150	Horizontal	Pass
1**	1777.100	39.64	-16.93	54.0	-14.36	AV	229.00	150	Horizontal	Pass
2	2463.200	93.42	-12.80	74.0	19.42	Peak	229.00	150	Horizontal	N/A
2**	2463.200	84.45	-12.80	54.0	30.45	AV	229.00	150	Horizontal	N/A
3	5311.000	53.55	-2.79	74.0	-20.45	Peak	269.00	150	Horizontal	Pass
3**	5311.000	47.18	-2.79	54.0	-6.82	AV	269.00	150	Horizontal	Pass
4	6685.200	54.30	-0.19	74.0	-19.70	Peak	23.00	150	Horizontal	Pass
4**	6685.200	45.28	-0.19	54.0	-8.72	AV	23.00	150	Horizontal	Pass
5	10195.849	52.20	0.44	74.0	-21.80	Peak	234.00	150	Horizontal	Pass
5**	10195.849	43.48	0.44	54.0	-10.52	AV	234.00	150	Horizontal	Pass
6	17417.775	56.90	3.70	74.0	-17.10	Peak	339.00	150	Horizontal	Pass
6**	17417.775	48.16	3.70	54.0	-5.84	AV	339.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.100	57.33	-17.10	74.0	-16.67	Peak	129.00	150	Vertical	Pass
1**	1771.100	43.17	-17.10	54.0	-10.83	AV	129.00	150	Vertical	Pass
2	2442.600	92.83	-12.87	74.0	18.83	Peak	154.00	150	Vertical	N/A
2**	2442.600	86.32	-12.87	54.0	32.32	AV	154.00	150	Vertical	N/A
3	5331.200	55.09	-3.13	74.0	-18.91	Peak	232.00	150	Vertical	Pass
3**	5331.200	51.48	-3.13	54.0	-2.52	AV	232.00	150	Vertical	Pass
4	6690.600	54.49	-0.28	74.0	-19.51	Peak	272.00	150	Vertical	Pass
4**	6690.600	45.03	-0.28	54.0	-8.97	AV	272.00	150	Vertical	Pass
5	9978.500	52.27	-0.77	74.0	-21.73	Peak	253.00	150	Vertical	Pass
5**	9978.500	42.36	-0.77	54.0	-11.64	AV	253.00	150	Vertical	Pass
6	17179.949	57.36	2.68	74.0	-16.64	Peak	124.00	150	Vertical	Pass
6**	17179.949	47.68	2.68	54.0	-6.32	AV	124.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.600	55.32	-16.94	74.0	-18.68	Peak	232.00	150	Horizontal	Pass
1**	1776.600	37.32	-16.94	54.0	-16.68	AV	232.00	150	Horizontal	Pass
2	2410.200	97.10	-12.24	74.0	23.10	Peak	232.00	150	Horizontal	N/A
2**	2410.200	87.91	-12.24	54.0	33.91	AV	232.00	150	Horizontal	N/A
3	5311.600	52.82	-2.74	74.0	-21.18	Peak	103.00	150	Horizontal	Pass
3**	5311.600	43.94	-2.74	54.0	-10.06	AV	103.00	150	Horizontal	Pass
4	6693.200	54.66	-0.32	74.0	-19.34	Peak	103.00	150	Horizontal	Pass
4**	6693.200	44.55	-0.32	54.0	-9.45	AV	103.00	150	Horizontal	Pass
5	10166.813	52.42	-0.28	74.0	-21.58	Peak	267.00	150	Horizontal	Pass
5**	10166.813	42.74	-0.28	54.0	-11.26	AV	267.00	150	Horizontal	Pass
6	17209.612	56.93	1.50	74.0	-17.07	Peak	0.00	150	Horizontal	Pass
6**	17209.612	47.82	1.50	54.0	-6.18	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1772.400	55.70	-16.99	74.0	-18.30	Peak	130.00	150	Vertical	Pass
1**	1772.400	45.74	-16.99	54.0	-8.26	AV	130.00	150	Vertical	Pass
2	2409.300	93.94	-12.26	74.0	19.94	Peak	173.00	150	Vertical	N/A
2**	2409.300	86.77	-12.26	54.0	32.77	AV	173.00	150	Vertical	N/A
3	5321.000	54.82	-2.78	74.0	-19.18	Peak	157.00	150	Vertical	Pass
3**	5321.000	51.23	-2.78	54.0	-2.77	AV	157.00	150	Vertical	Pass
4	6688.200	54.42	-0.25	74.0	-19.58	Peak	360.00	150	Vertical	Pass
4**	6688.200	45.10	-0.25	54.0	-8.90	AV	360.00	150	Vertical	Pass
5	10194.700	52.05	0.42	74.0	-21.95	Peak	226.00	150	Vertical	Pass
5**	10194.700	44.42	0.42	54.0	-9.58	AV	226.00	150	Vertical	Pass
6	17410.163	57.78	3.45	74.0	-16.22	Peak	271.00	150	Vertical	Pass
6**	17410.163	47.88	3.45	54.0	-6.12	AV	271.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1773.800	53.07	-16.99	74.0	-20.93	Peak	248.00	150	Horizontal	Pass
1**	1773.800	42.62	-16.99	54.0	-11.38	AV	248.00	150	Horizontal	Pass
2	2436.200	99.34	-12.74	74.0	25.34	Peak	258.00	150	Horizontal	N/A
2**	2436.200	88.81	-12.74	54.0	34.81	AV	258.00	150	Horizontal	N/A
3	5326.800	54.95	-3.08	74.0	-19.05	Peak	272.00	150	Horizontal	Pass
3**	5326.800	43.13	-3.08	54.0	-10.87	AV	272.00	150	Horizontal	Pass
4	6599.400	54.54	-0.53	74.0	-19.46	Peak	324.00	150	Horizontal	Pass
4**	6599.400	44.26	-0.53	54.0	-9.74	AV	324.00	150	Horizontal	Pass
5	10975.549	51.93	-0.48	74.0	-22.07	Peak	175.00	150	Horizontal	Pass
5**	10975.549	42.72	-0.48	54.0	-11.28	AV	175.00	150	Horizontal	Pass
6	16970.213	56.58	1.96	74.0	-17.42	Peak	82.00	150	Horizontal	Pass
6**	16970.213	46.49	1.96	54.0	-7.51	AV	82.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.500	57.63	-16.94	74.0	-16.37	Peak	133.00	150	Vertical	Pass
1**	1776.500	48.87	-16.94	54.0	-5.13	AV	133.00	150	Vertical	Pass
2	2439.600	96.95	-12.64	74.0	22.95	Peak	151.00	150	Vertical	N/A
2**	2439.600	88.53	-12.64	54.0	34.53	AV	151.00	150	Vertical	N/A
3	5329.200	57.51	-3.09	74.0	-16.49	Peak	170.00	150	Vertical	Pass
3**	5329.200	48.18	-3.09	54.0	-5.82	AV	170.00	150	Vertical	Pass
4	6686.600	54.13	-0.21	74.0	-19.87	Peak	344.00	150	Vertical	Pass
4**	6686.600	44.83	-0.21	54.0	-9.17	AV	344.00	150	Vertical	Pass
5	10422.112	51.95	0.05	74.0	-22.05	Peak	215.00	150	Vertical	Pass
5**	10422.112	42.34	0.05	54.0	-11.66	AV	215.00	150	Vertical	Pass
6	17188.614	57.35	2.39	74.0	-16.65	Peak	317.00	150	Vertical	Pass
6**	17188.614	47.33	2.39	54.0	-6.67	AV	317.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.300	54.15	-16.93	74.0	-19.85	Peak	179.00	150	Horizontal	Pass
1**	1777.300	37.00	-16.93	54.0	-17.00	AV	179.00	150	Horizontal	Pass
2	2457.700	98.47	-12.75	74.0	24.47	Peak	216.00	150	Horizontal	N/A
2**	2457.700	88.53	-12.75	54.0	34.53	AV	216.00	150	Horizontal	N/A
3	5336.800	52.60	-3.15	74.0	-21.40	Peak	88.00	150	Horizontal	Pass
3**	5336.800	41.87	-3.15	54.0	-12.13	AV	88.00	150	Horizontal	Pass
4	6717.600	54.52	-1.08	74.0	-19.48	Peak	263.00	150	Horizontal	Pass
4**	6717.600	45.09	-1.08	54.0	-8.91	AV	263.00	150	Horizontal	Pass
5	10194.413	51.88	0.41	74.0	-22.12	Peak	77.00	150	Horizontal	Pass
5**	10194.413	43.45	0.41	54.0	-10.55	AV	77.00	150	Horizontal	Pass
6	16256.213	55.93	1.27	74.0	-18.07	Peak	236.00	150	Horizontal	Pass
6**	16256.213	46.46	1.27	54.0	-7.54	AV	236.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1770.300	53.26	-17.16	74.0	-20.74	Peak	0.00	150	Vertical	Pass
1**	1770.300	49.89	-17.16	54.0	-4.11	AV	0.00	150	Vertical	Pass
2	2458.400	96.21	-12.75	74.0	22.21	Peak	158.00	150	Vertical	N/A
2**	2458.400	87.53	-12.75	54.0	33.53	AV	158.00	150	Vertical	N/A
3	5315.800	55.57	-2.74	74.0	-18.43	Peak	167.00	150	Vertical	Pass
3**	5315.800	51.76	-2.74	54.0	-2.24	AV	167.00	150	Vertical	Pass
4	6684.200	54.00	-0.30	74.0	-20.00	Peak	360.00	150	Vertical	Pass
4**	6684.200	45.56	-0.30	54.0	-8.44	AV	360.00	150	Vertical	Pass
5	10309.701	52.23	-0.32	74.0	-21.77	Peak	132.00	150	Vertical	Pass
5**	10309.701	42.19	-0.32	54.0	-11.81	AV	132.00	150	Vertical	Pass
6	16035.974	56.46	0.76	74.0	-17.54	Peak	211.00	150	Vertical	Pass
6**	16035.974	45.75	0.76	54.0	-8.25	AV	211.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.500	54.04	-17.07	74.0	-19.96	Peak	147.00	150	Horizontal	Pass
1**	1771.500	40.17	-17.07	54.0	-13.83	AV	147.00	150	Horizontal	Pass
2	2418.100	93.80	-12.25	74.0	19.80	Peak	238.00	150	Horizontal	N/A
2**	2418.100	85.46	-12.25	54.0	31.46	AV	238.00	150	Horizontal	N/A
3	5314.400	54.19	-2.68	74.0	-19.81	Peak	241.00	150	Horizontal	Pass
3**	5314.400	43.14	-2.68	54.0	-10.86	AV	241.00	150	Horizontal	Pass
4	6690.000	53.79	-0.27	74.0	-20.21	Peak	51.00	150	Horizontal	Pass
4**	6690.000	45.28	-0.27	54.0	-8.72	AV	51.00	150	Horizontal	Pass
5	10910.287	52.95	0.17	74.0	-21.05	Peak	360.00	150	Horizontal	Pass
5**	10910.287	44.45	0.17	54.0	-9.55	AV	360.00	150	Horizontal	Pass
6	16407.676	56.24	1.33	74.0	-17.76	Peak	0.00	150	Horizontal	Pass
6**	16407.676	46.10	1.33	54.0	-7.90	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1770.600	51.51	-17.14	74.0	-22.49	Peak	114.00	150	Vertical	Pass
1**	1770.600	50.64	-17.14	54.0	-3.36	AV	114.00	150	Vertical	Pass
2	2430.300	93.96	-12.79	74.0	19.96	Peak	174.00	150	Vertical	N/A
2**	2430.300	83.29	-12.79	54.0	29.29	AV	174.00	150	Vertical	N/A
3	5308.200	54.77	-2.94	74.0	-19.23	Peak	74.00	150	Vertical	Pass
3**	5308.200	50.09	-2.94	54.0	-3.91	AV	74.00	150	Vertical	Pass
4	6998.800	53.74	0.24	74.0	-20.26	Peak	220.00	150	Vertical	Pass
4**	6998.800	46.07	0.24	54.0	-7.93	AV	220.00	150	Vertical	Pass
5	10419.526	52.69	0.07	74.0	-21.31	Peak	159.00	150	Vertical	Pass
5**	10419.526	43.44	0.07	54.0	-10.56	AV	159.00	150	Vertical	Pass
6	17198.588	57.46	1.98	74.0	-16.54	Peak	84.00	150	Vertical	Pass
6**	17198.588	47.70	1.98	54.0	-6.30	AV	84.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1771.100	53.40	-17.10	74.0	-20.60	Peak	225.00	150	Horizontal	Pass
1**	1771.100	39.93	-17.10	54.0	-14.07	AV	225.00	150	Horizontal	Pass
2	2432.100	94.15	-12.83	74.0	20.15	Peak	234.00	150	Horizontal	N/A
2**	2432.100	85.77	-12.83	54.0	31.77	AV	234.00	150	Horizontal	N/A
3	4800.600	51.00	-2.56	74.0	-23.00	Peak	306.00	150	Horizontal	Pass
3**	4800.600	43.08	-2.56	54.0	-10.92	AV	306.00	150	Horizontal	Pass
4	6674.200	54.05	-0.69	74.0	-19.95	Peak	130.00	150	Horizontal	Pass
4**	6674.200	44.58	-0.69	54.0	-9.42	AV	130.00	150	Horizontal	Pass
5	10139.500	52.40	0.01	74.0	-21.60	Peak	344.00	150	Horizontal	Pass
5**	10139.500	42.76	0.01	54.0	-11.24	AV	344.00	150	Horizontal	Pass
6	16089.263	56.19	1.45	74.0	-17.81	Peak	214.00	150	Horizontal	Pass
6**	16089.263	47.72	1.45	54.0	-6.28	AV	214.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1773.100	55.06	-16.99	74.0	-18.94	Peak	121.00	150	Vertical	Pass
1**	1773.100	41.29	-16.99	54.0	-12.71	AV	121.00	150	Vertical	Pass
2	2434.300	94.28	-12.86	74.0	20.28	Peak	153.00	150	Vertical	N/A
2**	2434.300	84.40	-12.86	54.0	30.40	AV	153.00	150	Vertical	N/A
3	5320.400	52.61	-2.78	74.0	-21.39	Peak	166.00	150	Vertical	Pass
3**	5320.400	49.54	-2.78	54.0	-4.46	AV	166.00	150	Vertical	Pass
4	6684.000	54.42	-0.32	74.0	-19.58	Peak	37.00	150	Vertical	Pass
4**	6684.000	45.44	-0.32	54.0	-8.56	AV	37.00	150	Vertical	Pass
5	10113.050	51.75	-0.04	74.0	-22.25	Peak	19.00	150	Vertical	Pass
5**	10113.050	42.24	-0.04	54.0	-11.76	AV	19.00	150	Vertical	Pass
6	17426.962	56.95	3.55	74.0	-17.05	Peak	18.00	150	Vertical	Pass
6**	17426.962	47.27	3.55	54.0	-6.73	AV	18.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1774.600	54.02	-17.00	74.0	-19.98	Peak	232.00	150	Horizontal	Pass
1**	1774.600	41.80	-17.00	54.0	-12.20	AV	232.00	150	Horizontal	Pass
2	2448.000	95.22	-12.69	74.0	21.22	Peak	96.00	150	Horizontal	N/A
2**	2448.000	85.72	-12.69	54.0	31.72	AV	96.00	150	Horizontal	N/A
3	5140.600	53.01	-2.43	74.0	-20.99	Peak	360.00	150	Horizontal	Pass
3**	5140.600	42.94	-2.43	54.0	-11.06	AV	360.00	150	Horizontal	Pass
4	6679.800	54.28	-0.53	74.0	-19.72	Peak	90.00	150	Horizontal	Pass
4**	6679.800	44.59	-0.53	54.0	-9.41	AV	90.00	150	Horizontal	Pass
5	10143.237	52.58	0.04	74.0	-21.42	Peak	206.00	150	Horizontal	Pass
5**	10143.237	42.91	0.04	54.0	-11.09	AV	206.00	150	Horizontal	Pass
6	17424.075	56.69	3.65	74.0	-17.31	Peak	151.00	150	Horizontal	Pass
6**	17424.075	48.56	3.65	54.0	-5.44	AV	151.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.400	57.31	-16.94	74.0	-16.69	Peak	124.00	150	Vertical	Pass
1**	1776.400	43.17	-16.94	54.0	-10.83	AV	124.00	150	Vertical	Pass
2	2441.200	94.38	-12.84	74.0	20.38	Peak	158.00	150	Vertical	N/A
2**	2441.200	86.47	-12.84	54.0	32.47	AV	158.00	150	Vertical	N/A
3	5322.400	55.08	-2.75	74.0	-18.92	Peak	159.00	150	Vertical	Pass
3**	5322.400	51.55	-2.75	54.0	-2.45	AV	159.00	150	Vertical	Pass
4	6985.000	54.22	0.53	74.0	-19.78	Peak	211.00	150	Vertical	Pass
4**	6985.000	45.71	0.53	54.0	-8.29	AV	211.00	150	Vertical	Pass
5	11599.713	52.47	-0.07	74.0	-21.53	Peak	112.00	150	Vertical	Pass
5**	11599.713	42.87	-0.07	54.0	-11.13	AV	112.00	150	Vertical	Pass
6	17195.176	56.89	2.18	74.0	-17.11	Peak	172.00	150	Vertical	Pass
6**	17195.176	48.24	2.18	54.0	-5.76	AV	172.00	150	Vertical	Pass

Simultaneous transmission

MAIN antenna: 2.4G 802.11n20 mode + AUX antenna: BLE mode

1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1777.100	54.81	-16.93	74.0	-19.19	Peak	276.00	150	Horizontal	Pass
1**	1777.100	38.01	-16.93	54.0	-15.99	AV	276.00	150	Horizontal	Pass
2	2402.200	101.80	-12.26	74.0	27.80	Peak	187.00	150	Horizontal	N/A
2**	2402.200	99.21	-12.26	54.0	45.21	AV	187.00	150	Horizontal	N/A
3	2412.200	99.73	-12.26	74.0	25.73	Peak	187.00	150	Horizontal	N/A
3**	2412.200	89.35	-12.26	54.0	35.35	AV	187.00	150	Horizontal	N/A
4	6686.000	54.84	-0.20	74.0	-19.16	Peak	53.00	150	Horizontal	Pass
4**	6686.000	45.57	-0.20	54.0	-8.43	AV	53.00	150	Horizontal	Pass
5	10493.700	51.56	-0.81	74.0	-22.44	Peak	266.00	150	Horizontal	Pass
5**	10493.700	41.99	-0.81	54.0	-12.01	AV	266.00	150	Horizontal	Pass
6	13347.188	55.77	1.03	74.0	-18.23	Peak	184.00	150	Horizontal	Pass
6**	13347.188	46.79	1.03	54.0	-7.21	AV	184.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V

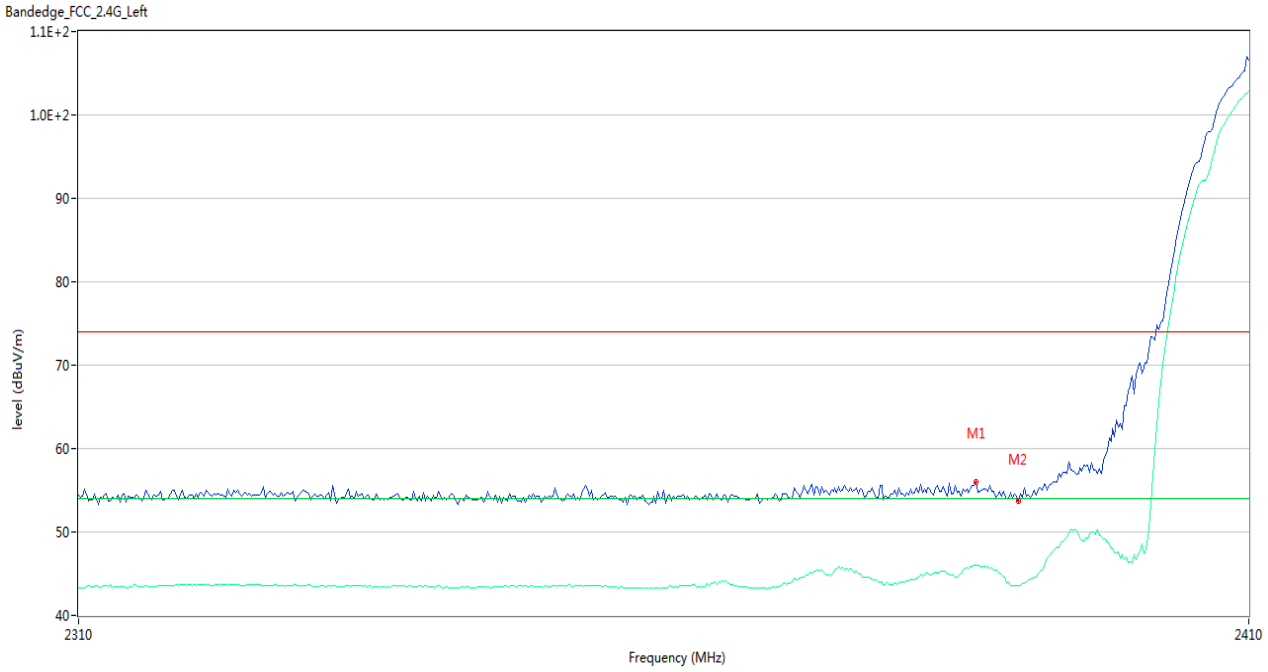
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1774.300	56.93	-16.99	74.0	-17.07	Peak	221.00	150	Vertical	Pass
1**	1774.300	42.86	-16.99	54.0	-11.14	AV	221.00	150	Vertical	Pass
2	2402.300	97.53	-12.27	74.0	23.53	Peak	260.00	150	Vertical	N/A
2**	2402.300	94.88	-12.27	54.0	40.88	AV	260.00	150	Vertical	N/A
3	2414.900	96.91	-12.26	74.0	22.91	Peak	260.00	150	Vertical	N/A
3**	2414.900	88.34	-12.26	54.0	34.34	AV	260.00	150	Vertical	N/A
4	5310.000	49.12	-2.85	74.0	-24.88	Peak	218.00	150	Vertical	Pass
4**	5310.000	49.79	-2.85	54.0	-4.21	AV	218.00	150	Vertical	Pass
5	9699.625	50.87	0.01	74.0	-23.13	Peak	94.00	150	Vertical	Pass
5**	9699.625	42.15	0.01	54.0	-11.85	AV	94.00	150	Vertical	Pass
6	13310.175	55.73	0.86	74.0	-18.27	Peak	186.00	150	Vertical	Pass
6**	13310.175	47.01	0.86	54.0	-6.99	AV	186.00	150	Vertical	Pass

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

Note [1]: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.
Note [3]: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.
Note [4]: All the configurations were pre tested, only the worst configuration has been reported in this report.
Note [5]: All antenna were tested, but only the worst case has been reported in this report.

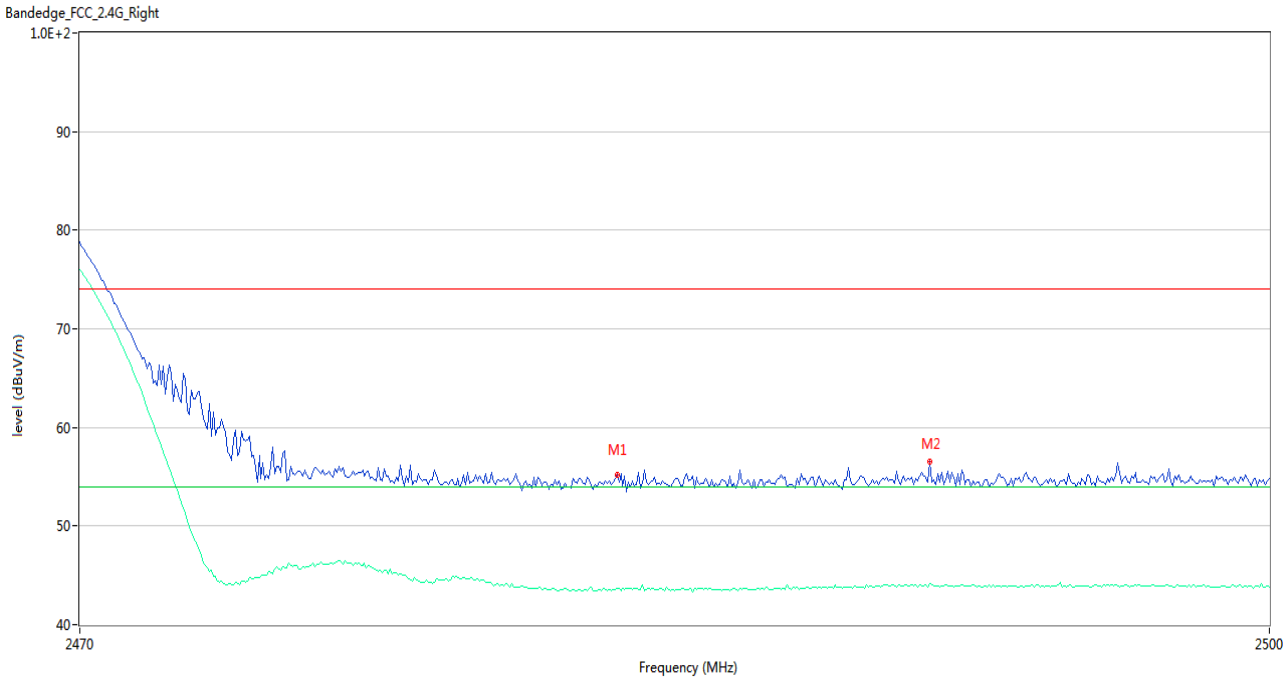
Test Data and Plots

802.11b LOW CHANNEL



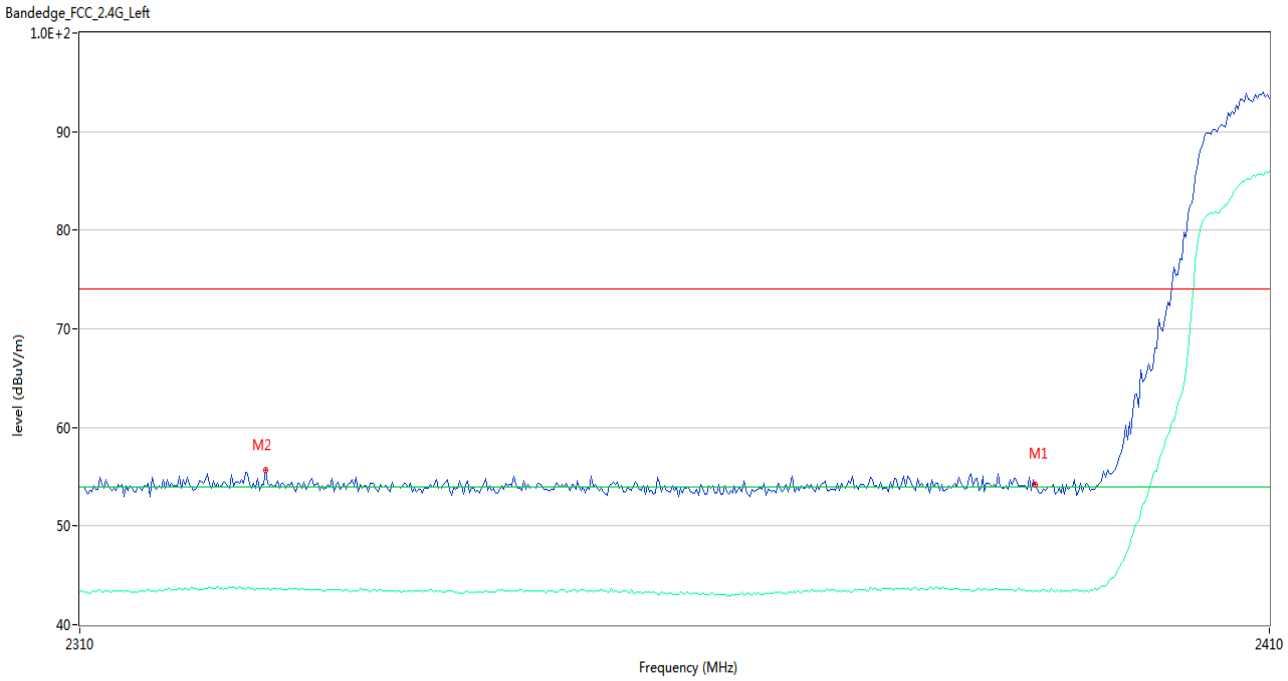
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.333	55.98	-0.57	74.0	-18.02	Peak	314.00	150	Horizontal	Pass
1**	2386.333	45.98	-0.57	54.0	-8.02	AV	314.00	150	Horizontal	Pass
2	2390.000	53.62	-0.50	74.0	-20.38	Peak	355.00	150	Horizontal	Pass
2**	2390.000	43.50	-0.50	54.0	-10.50	AV	355.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



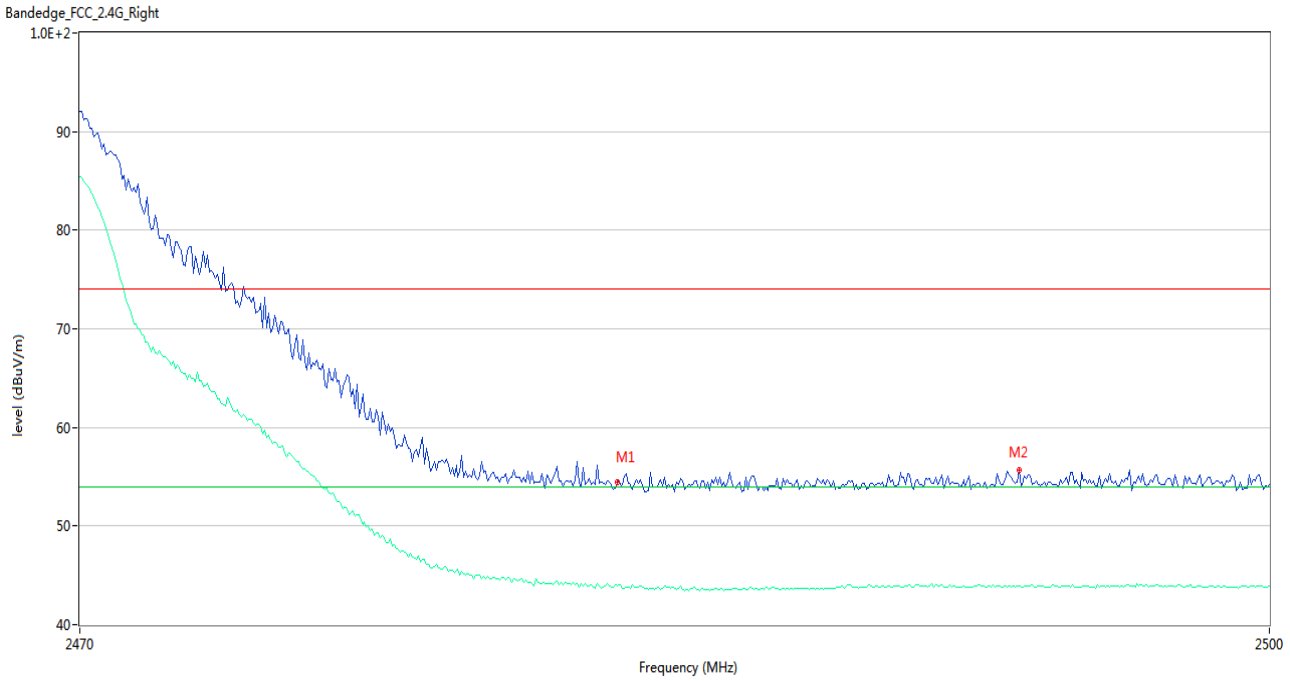
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.24	-0.36	74.0	-18.76	Peak	47.00	150	Horizontal	Pass
1**	2483.500	43.63	-0.36	54.0	-10.37	AV	47.00	150	Horizontal	Pass
2	2491.400	56.49	-0.04	74.0	-17.51	Peak	110.00	150	Horizontal	Pass
2**	2491.400	44.12	-0.04	54.0	-9.88	AV	110.00	150	Horizontal	Pass

802.11g LOW CHANNEL



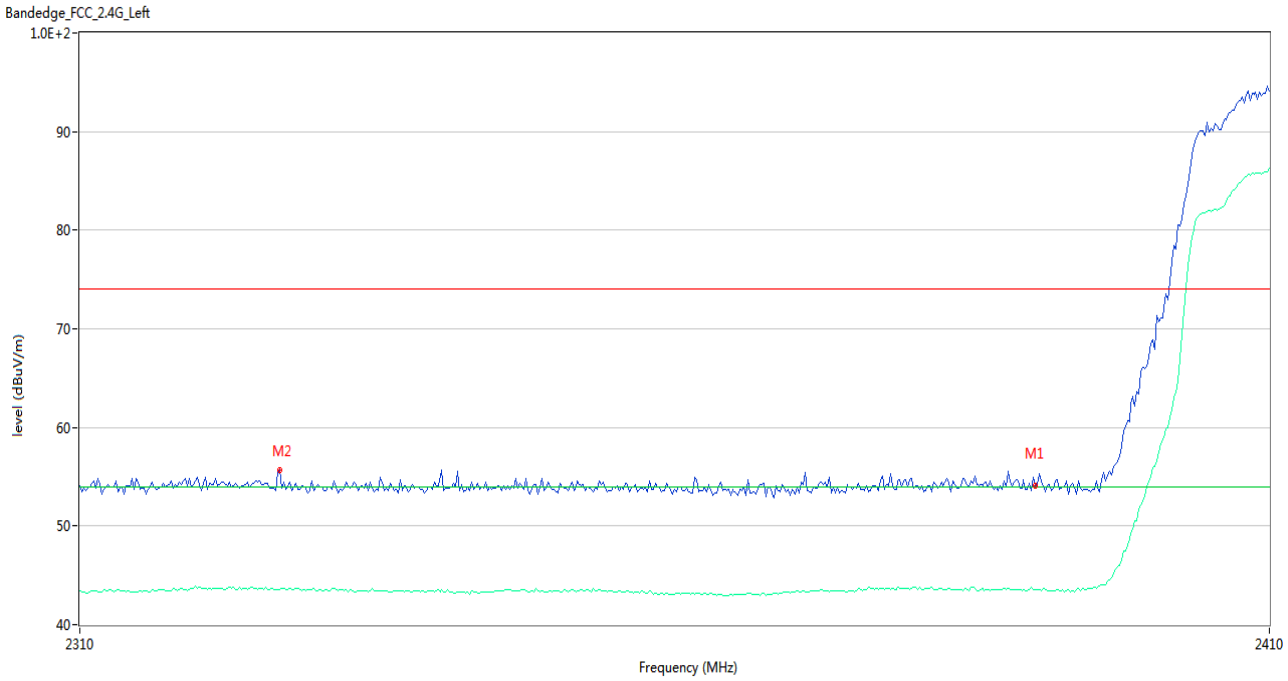
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.15	-0.50	74.0	-19.85	Peak	115.00	150	Horizontal	Pass
1**	2390.000	43.39	-0.50	54.0	-10.61	AV	115.00	150	Horizontal	Pass
2	2325.333	55.64	-0.71	74.0	-18.36	Peak	214.00	150	Horizontal	Pass
2**	2325.333	43.57	-0.71	54.0	-10.43	AV	214.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



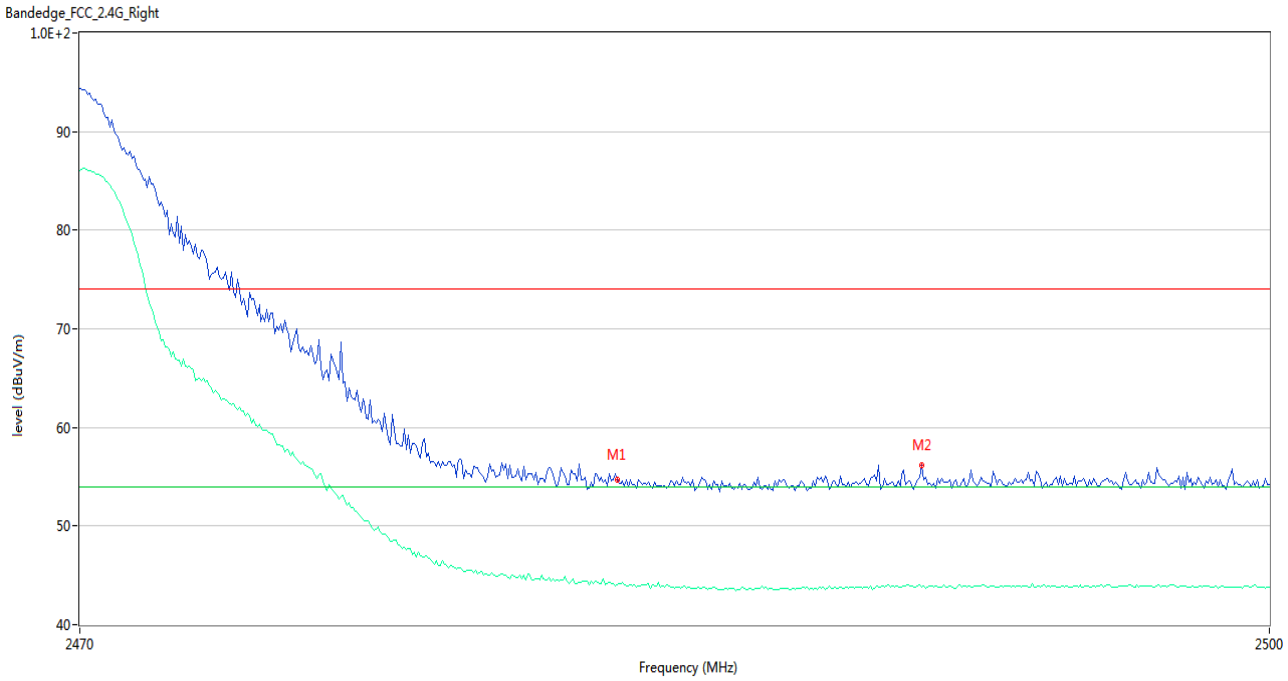
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.50	-0.36	74.0	-19.50	Peak	302.00	150	Horizontal	Pass
1**	2483.500	43.88	-0.36	54.0	-10.12	AV	302.00	150	Horizontal	Pass
2	2493.650	55.64	-0.05	74.0	-18.36	Peak	167.00	150	Horizontal	Pass
2**	2493.650	43.86	-0.05	54.0	-10.14	AV	167.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



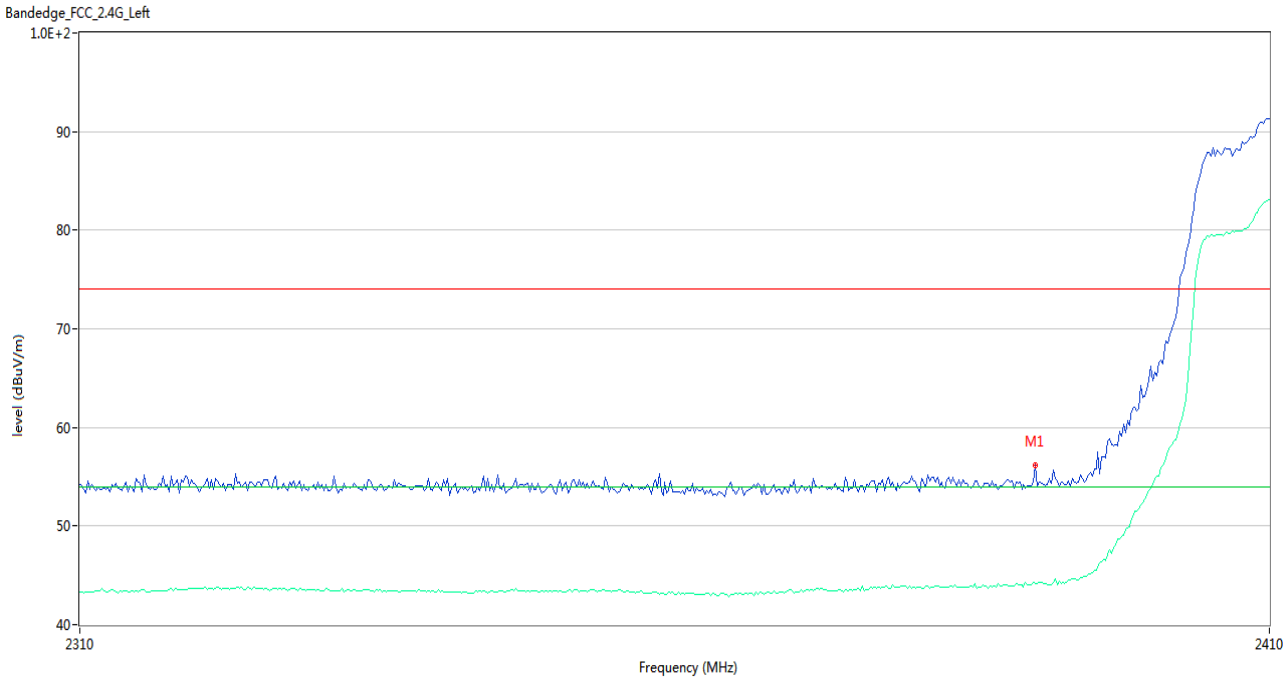
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.08	-0.50	74.0	-19.92	Peak	116.00	150	Horizontal	Pass
1**	2390.000	43.52	-0.50	54.0	-10.48	AV	116.00	150	Horizontal	Pass
2	2326.500	55.68	-0.74	74.0	-18.32	Peak	303.00	150	Horizontal	Pass
2**	2326.500	43.59	-0.74	54.0	-10.41	AV	303.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



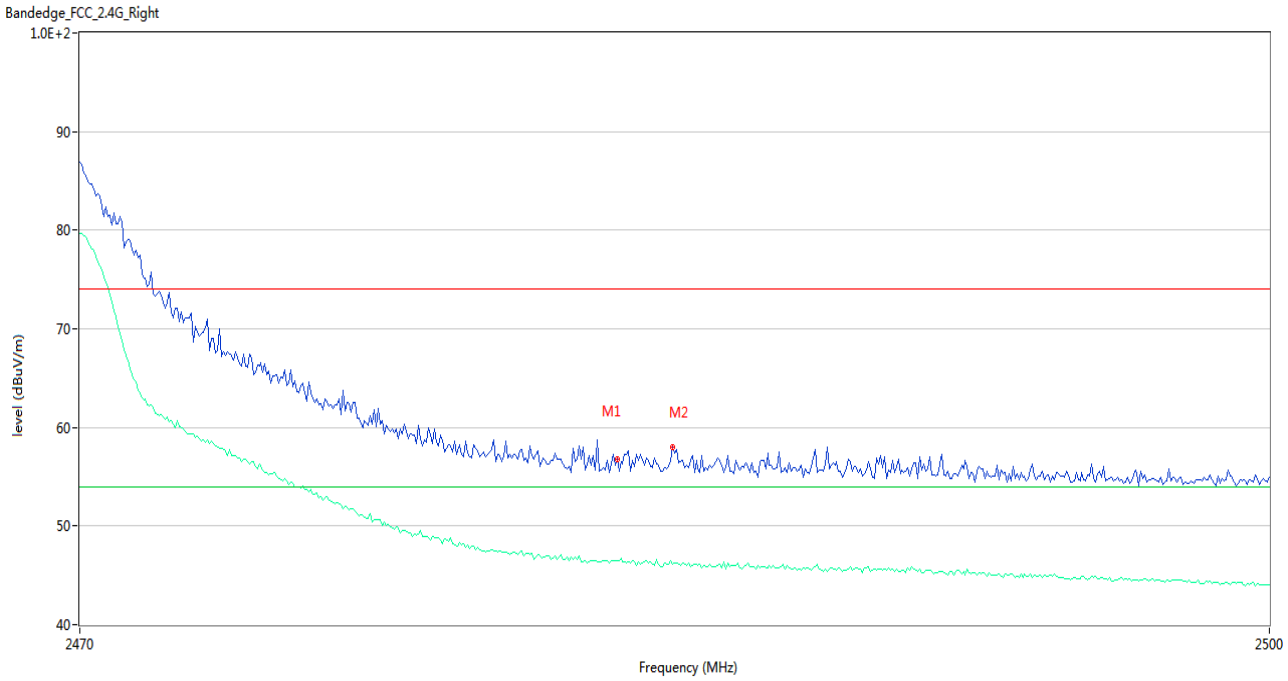
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.68	-0.36	74.0	-19.32	Peak	92.00	150	Horizontal	Pass
1**	2483.500	44.01	-0.36	54.0	-9.99	AV	92.00	150	Horizontal	Pass
2	2491.200	56.20	-0.04	74.0	-17.80	Peak	58.00	150	Horizontal	Pass
2**	2491.200	43.84	-0.04	54.0	-10.16	AV	58.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



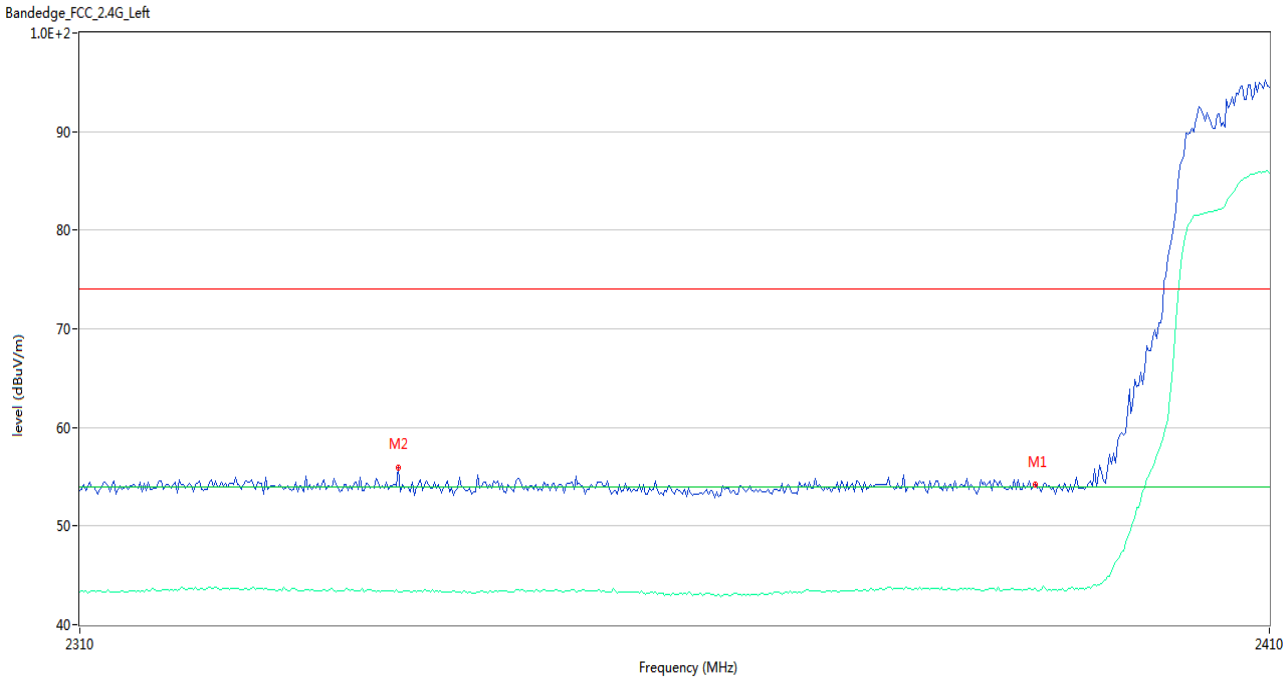
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.18	-0.50	74.0	-17.82	Peak	228.00	150	Horizontal	Pass
1**	2390.000	44.11	-0.50	54.0	-9.89	AV	228.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



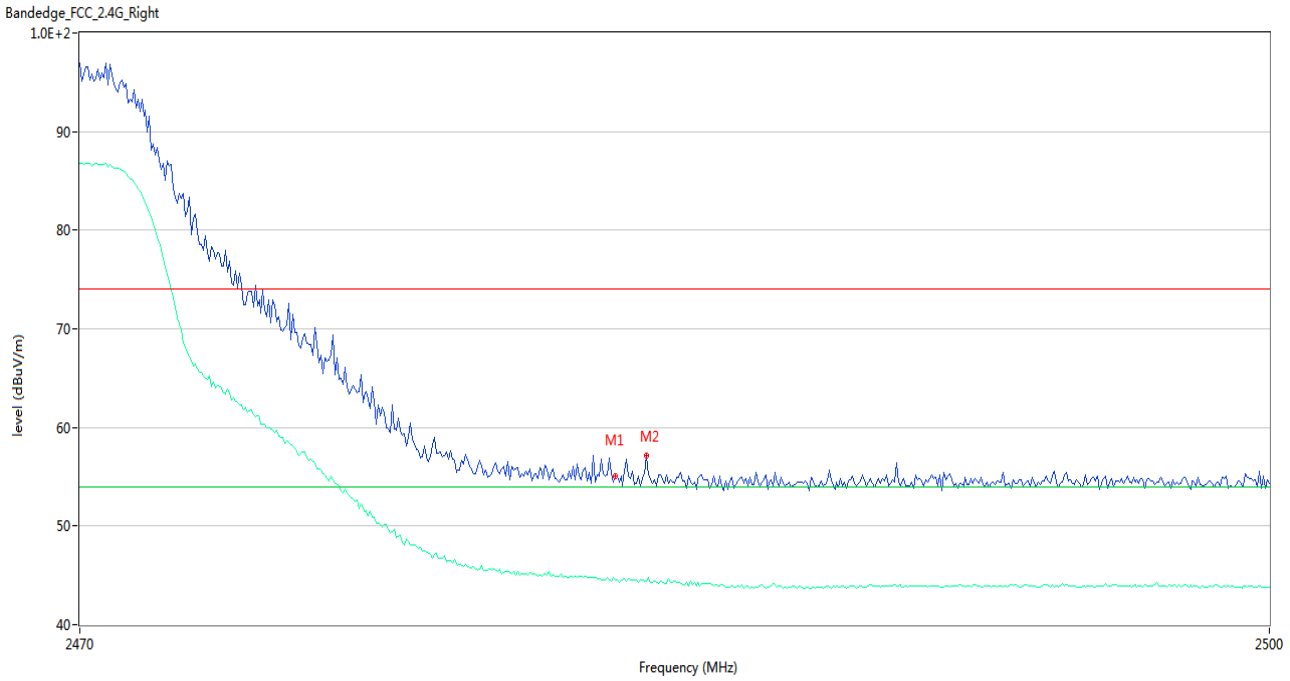
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.81	-0.36	74.0	-17.19	Peak	104.00	150	Horizontal	Pass
1**	2483.500	46.43	-0.36	54.0	-7.57	AV	104.00	150	Horizontal	Pass
2	2484.900	57.94	-0.34	74.0	-16.06	Peak	104.00	150	Horizontal	Pass
2**	2484.900	46.16	-0.34	54.0	-7.84	AV	104.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



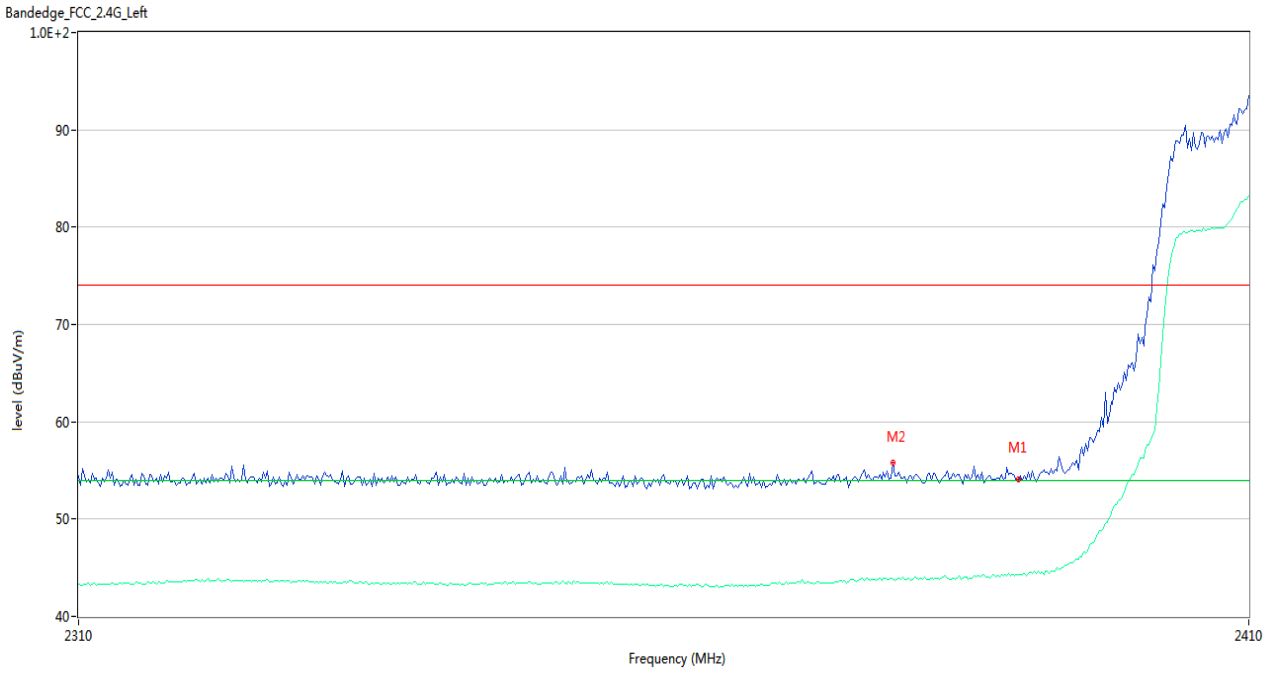
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.15	-0.50	74.0	-19.85	Peak	340.00	150	Horizontal	Pass
1**	2390.000	43.71	-0.50	54.0	-10.29	AV	340.00	150	Horizontal	Pass
2	2336.333	55.90	-0.66	74.0	-18.10	Peak	13.00	150	Horizontal	Pass
2**	2336.333	43.33	-0.66	54.0	-10.67	AV	13.00	150	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



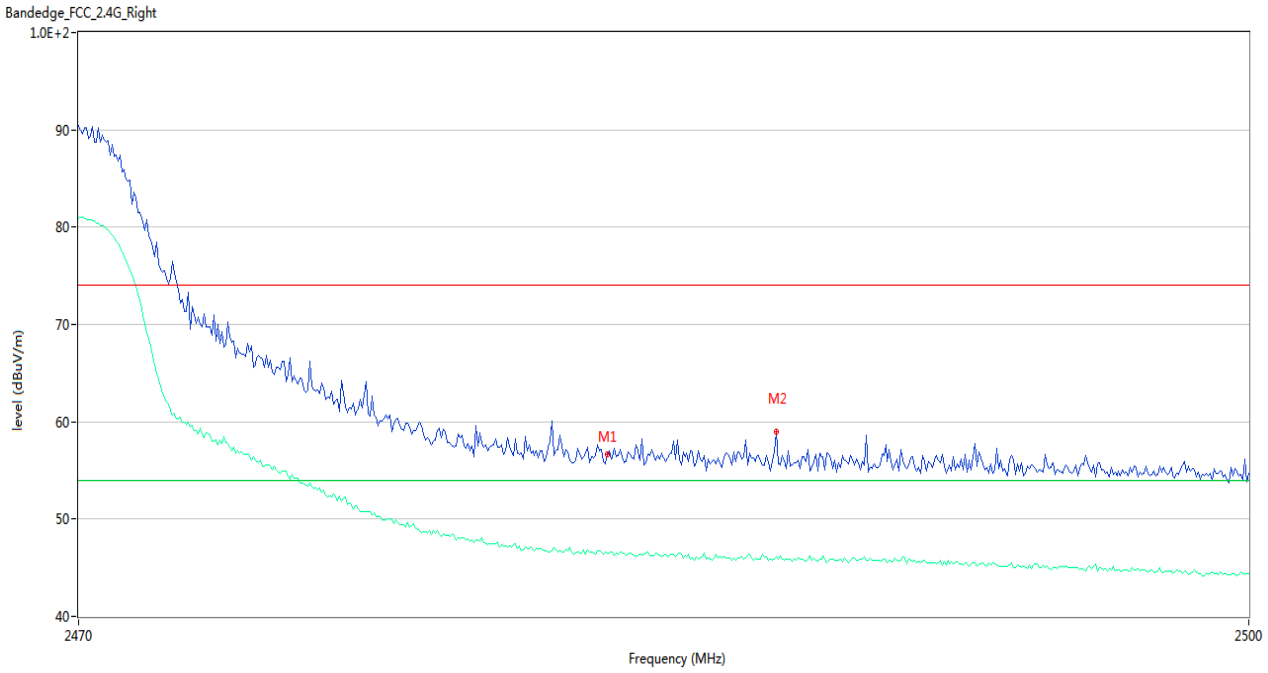
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.11	-0.36	74.0	-18.89	Peak	244.00	150	Horizontal	Pass
1**	2483.500	44.50	-0.36	54.0	-9.50	AV	244.00	150	Horizontal	Pass
2	2484.250	57.18	-0.34	74.0	-16.82	Peak	90.00	150	Horizontal	Pass
2**	2484.250	44.46	-0.34	54.0	-9.54	AV	90.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.09	-0.50	74.0	-19.91	Peak	311.00	150	Horizontal	Pass
1**	2390.000	44.31	-0.50	54.0	-9.69	AV	311.00	150	Horizontal	Pass
2	2379.167	55.79	-0.53	74.0	-18.21	Peak	69.00	150	Horizontal	Pass
2**	2379.167	43.77	-0.53	54.0	-10.23	AV	69.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.67	-0.36	74.0	-17.33	Peak	101.00	150	Horizontal	Pass
1**	2483.500	46.51	-0.36	54.0	-7.49	AV	101.00	150	Horizontal	Pass
2	2487.850	59.04	-0.27	74.0	-14.96	Peak	101.00	150	Horizontal	Pass
2**	2487.850	46.08	-0.27	54.0	-7.92	AV	101.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

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

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.94	8
Middle	-13.07	8
High	-13.08	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.93	8
Middle	-18.50	8
High	-18.71	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.45	8
Middle	-18.53	8
High	-18.97	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.47	8
Middle	-22.61	8
High	-22.38	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.06	8
Middle	-20.23	8
High	-20.05	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.59	8
Middle	-23.62	8
High	-23.53	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.41	8
Middle	-15.85	8
High	-15.30	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.38	8
Middle	-16.15	8
High	-16.19	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.21	8
Middle	-12.79	8
High	-12.77	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.60	8
Middle	-18.23	8
High	-18.09	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.99	8
Middle	-18.44	8
High	-18.50	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.16	8
Middle	-22.12	8
High	-21.70	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.51	8
Middle	-20.20	8
High	-19.86	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.78	8
Middle	-23.52	8
High	-23.22	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.59	8
Middle	-15.88	8
High	-15.14	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.05	8
Middle	-15.82	8
High	-16.12	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.62	8
Middle	-21.93	8
High	-21.71	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.57	8
Middle	-25.72	8
High	-25.71	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.12	8
Middle	-23.40	8
High	-23.17	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.62	8
Middle	-26.75	8
High	-26.58	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.50	8
Middle	-18.35	8
High	-18.43	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.83	8
Middle	-19.24	8
High	-19.28	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.92	8
Middle	-21.76	8
High	-21.33	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.27	8
Middle	-24.77	8
High	-24.83	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.49	8
Middle	-23.14	8
High	-22.78	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.78	8
Middle	-26.61	8
High	-26.40	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.27	8
Middle	-18.61	8
High	-18.49	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.65	8
Middle	-19.24	8
High	-18.85	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.76	8
Middle	-18.83	8
High	-18.51	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.41	8
Middle	-22.21	8
High	-22.24	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.29	8
Middle	-20.26	8
High	-19.96	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.69	8
Middle	-23.67	8
High	-23.48	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.38	8
Middle	-15.47	8
High	-15.45	8

802.11ax-40 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.73	8
Middle	-16.23	8
High	-16.05	8

Test Plots

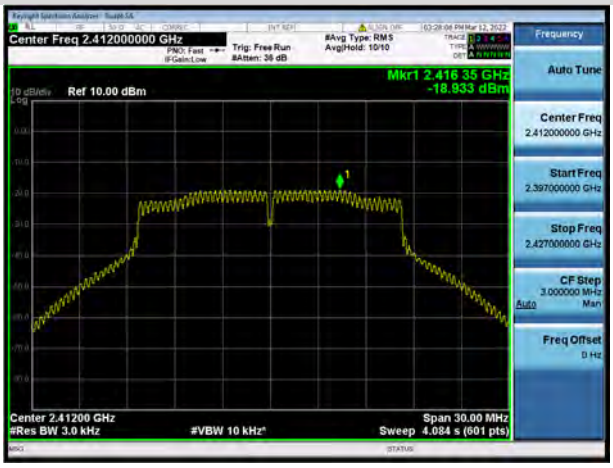
Main Antenna

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL

802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

802.11 n-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

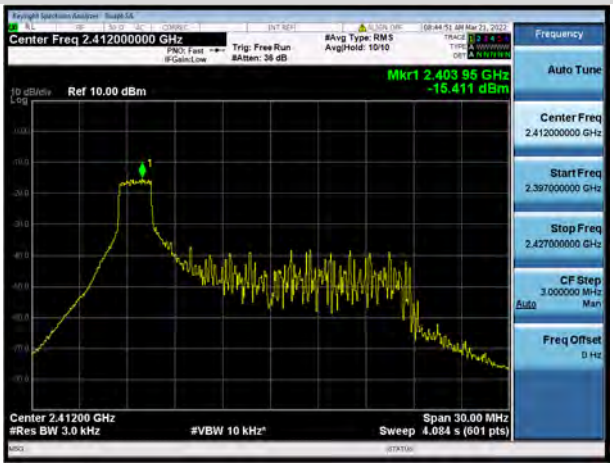
802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL

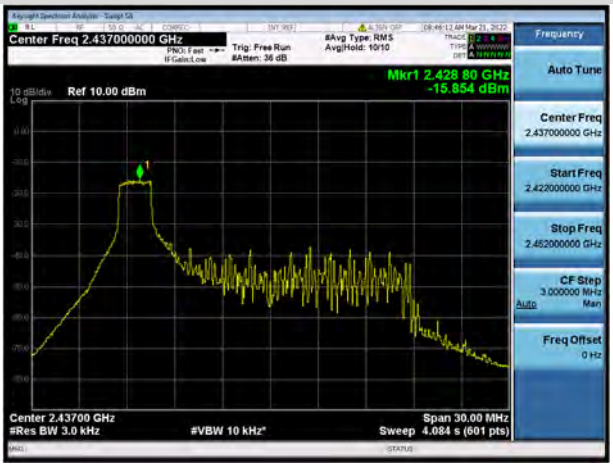
802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

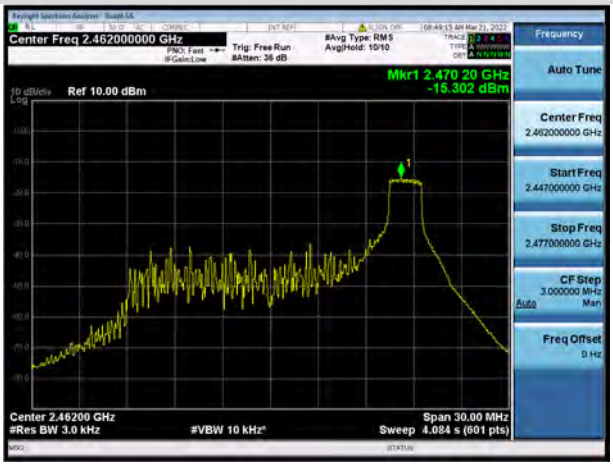
802.11ax-20 MHz(RU26) LOW CHANNEL



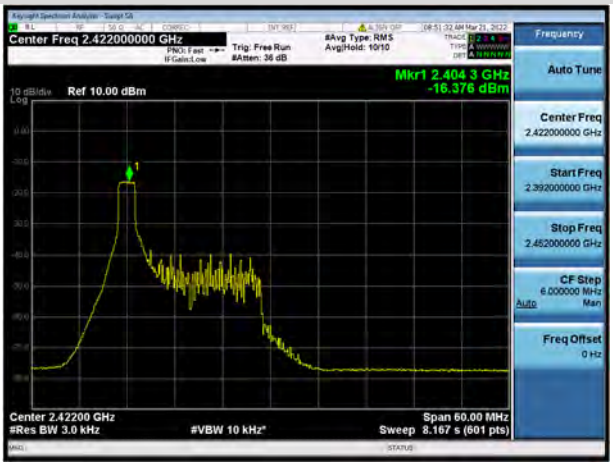
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



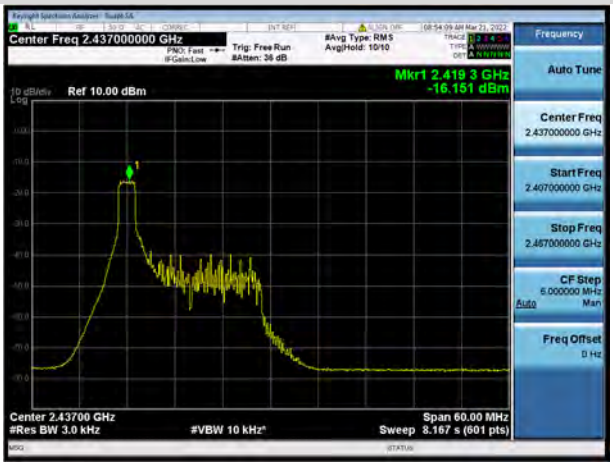
802.11ax-20 MHz(RU26) HIGH CHANNEL



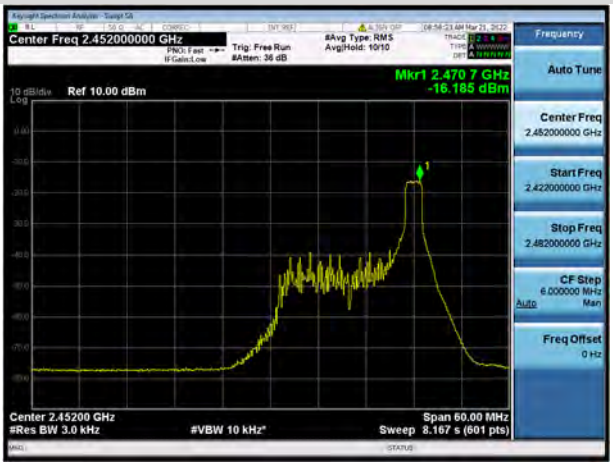
802.11ax-40 MHz(RU26) LOW CHANNEL



802.11ax-40 MHz(RU26) MIDDLE CHANNEL



802.11ax-40 MHz(RU26) HIGH CHANNEL



Aux. Antenna

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL

802.11g MIDDLE CHANNEL

802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

802.11 n-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

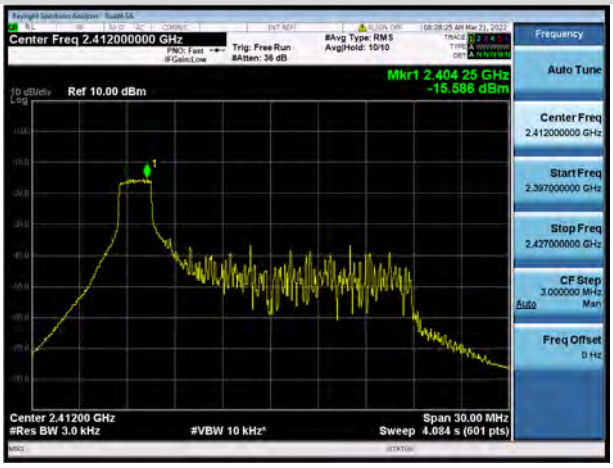
802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL

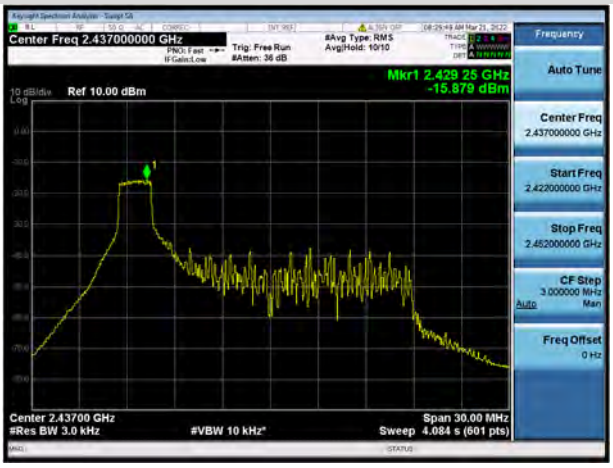
802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

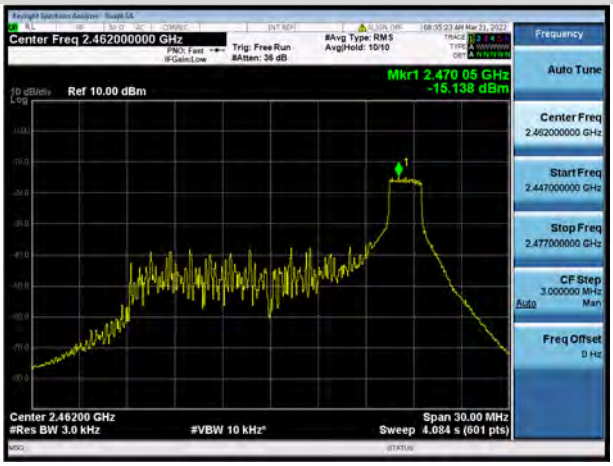
802.11ax-20 MHz(RU26) LOW CHANNEL



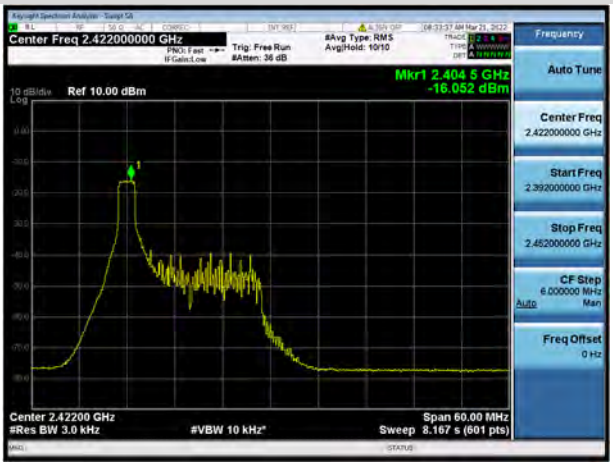
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



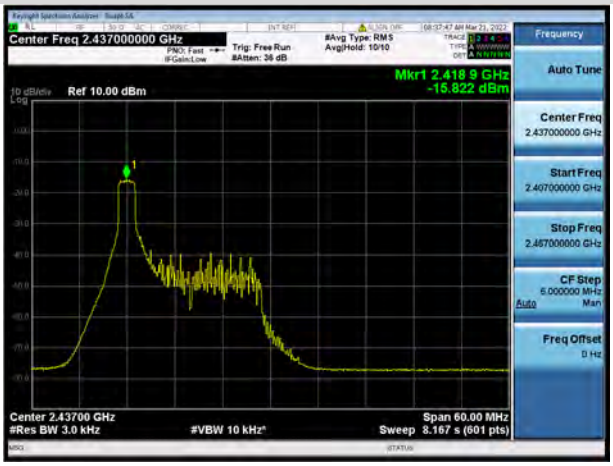
802.11ax-20 MHz(RU26) HIGH CHANNEL



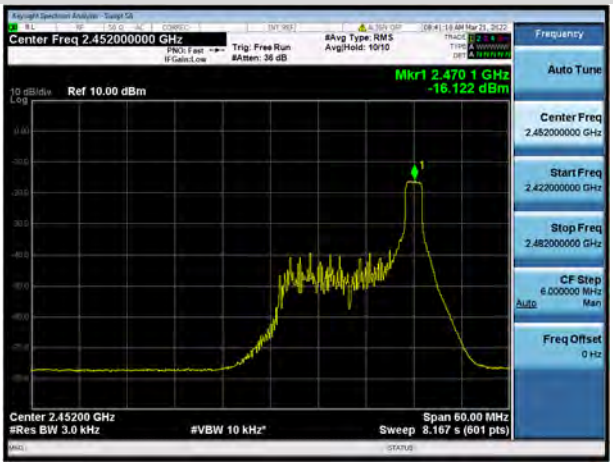
802.11ax-40 MHz(RU26) LOW CHANNEL



802.11ax-40 MHz(RU26) MIDDLE CHANNEL



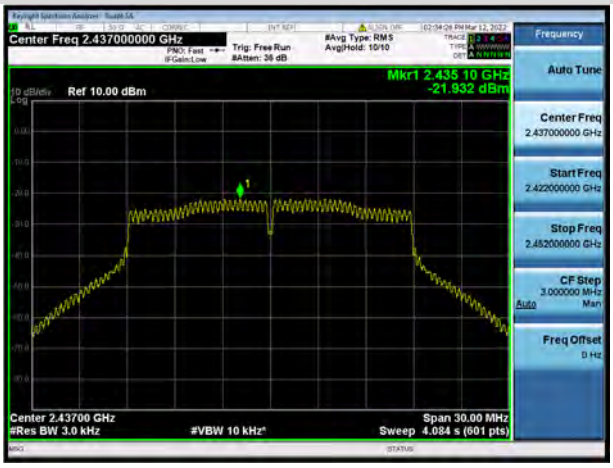
802.11ax-40 MHz(RU26) HIGH CHANNEL



MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL

802.11 n-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

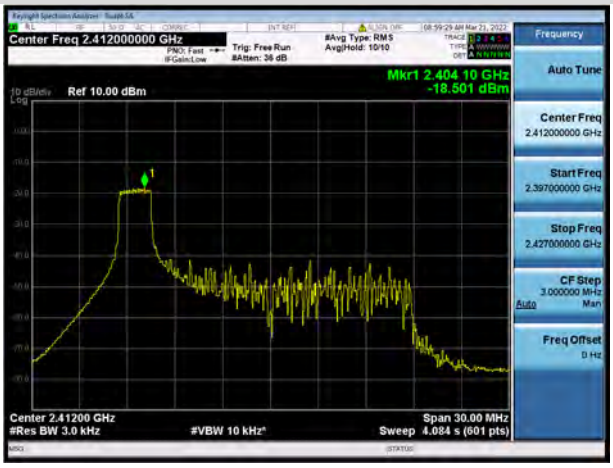
802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL

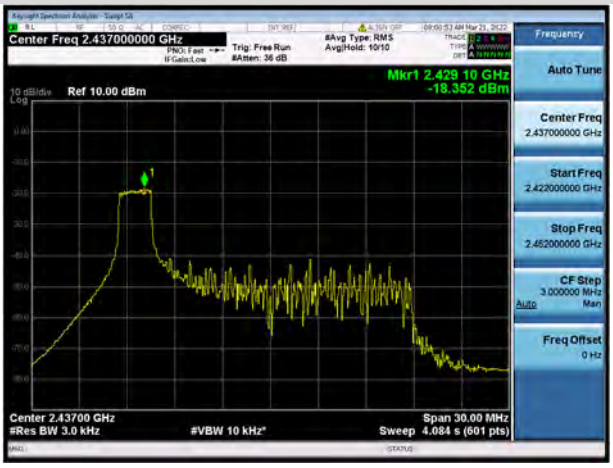
802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

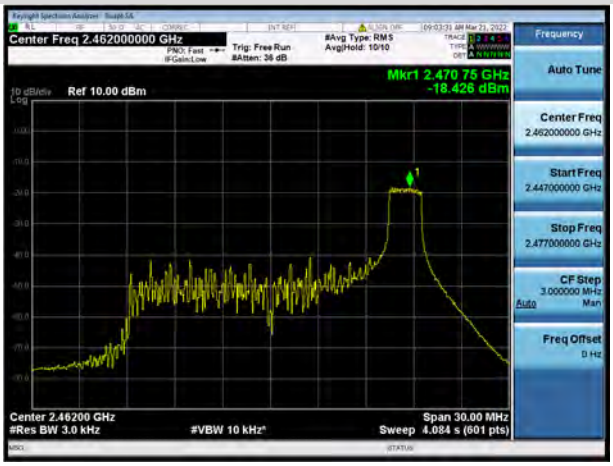
802.11ax-20 MHz(RU26) LOW CHANNEL



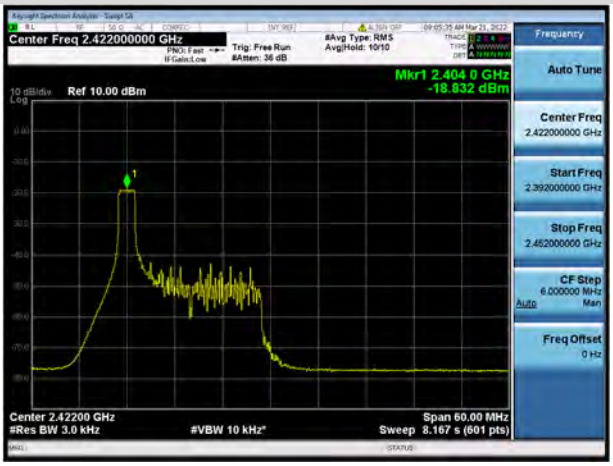
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



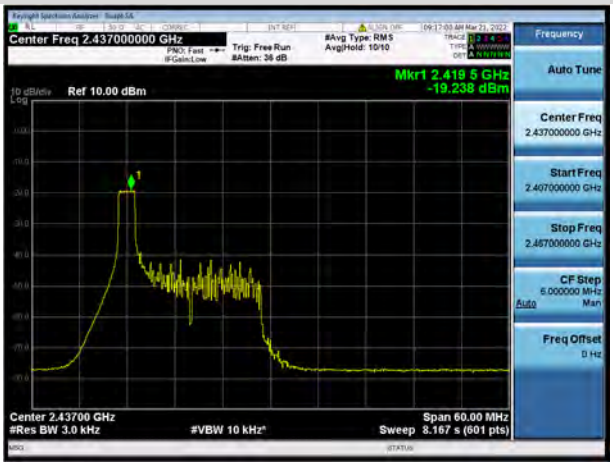
802.11ax-20 MHz(RU26) HIGH CHANNEL



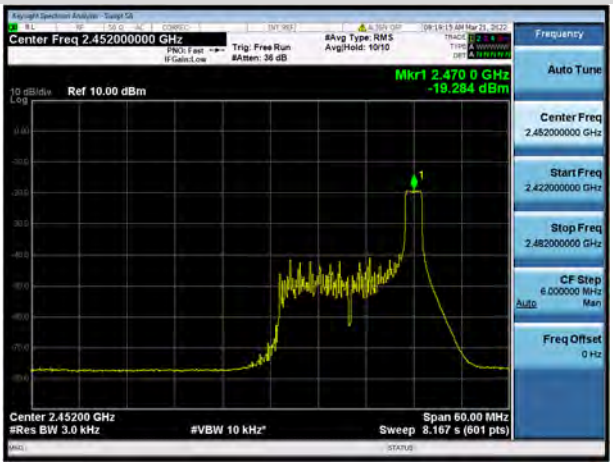
802.11ax-40 MHz(RU26) LOW CHANNEL



802.11ax-40 MHz(RU26) MIDDLE CHANNEL



802.11ax-40 MHz(RU26) HIGH CHANNEL



MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL

802.11 n-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

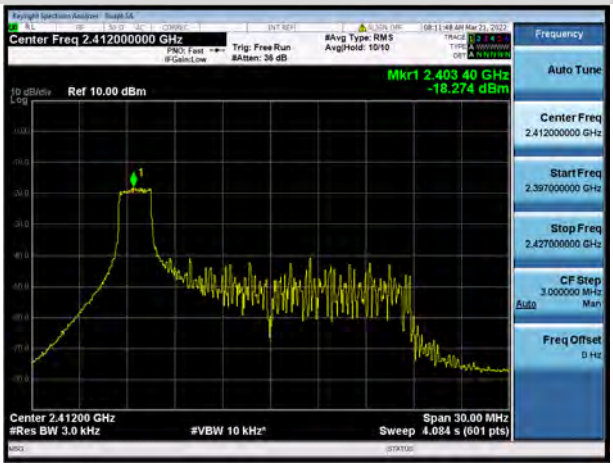
802.11ax-20 MHz(SU) HIGH CHANNEL

802.11ax-40 MHz(SU) LOW CHANNEL

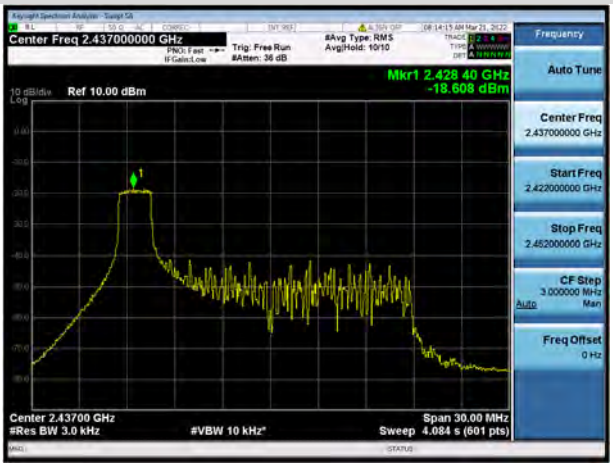
802.11ax-40 MHz(SU) MIDDLE CHANNEL

802.11ax-40 MHz(SU) HIGH CHANNEL

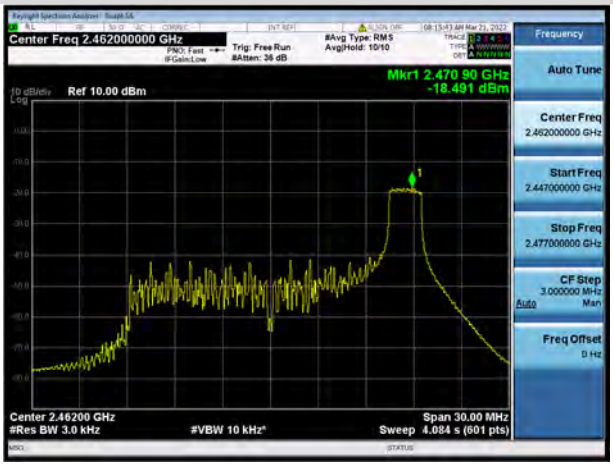
802.11ax-20 MHz(RU26) LOW CHANNEL



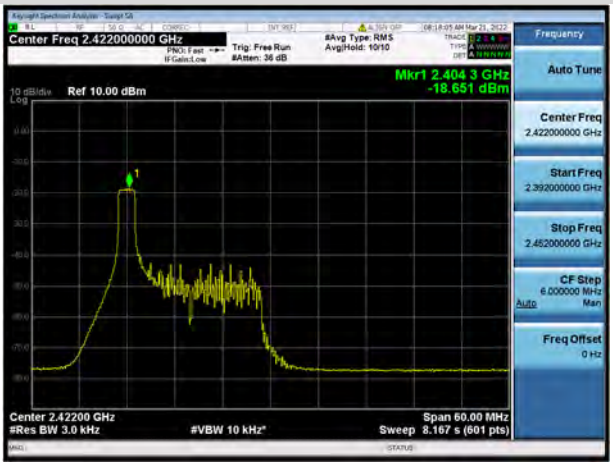
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



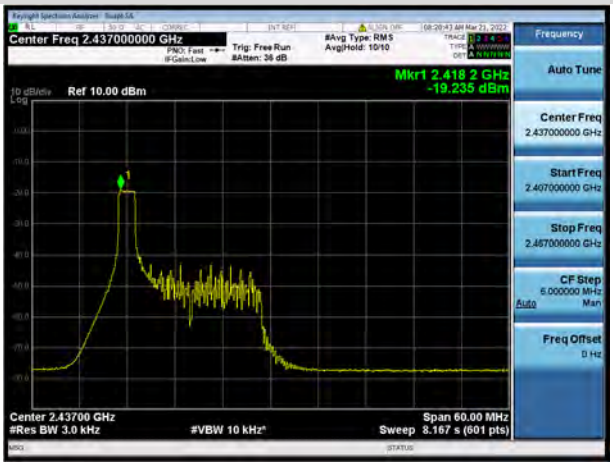
802.11ax-20 MHz(RU26) HIGH CHANNEL



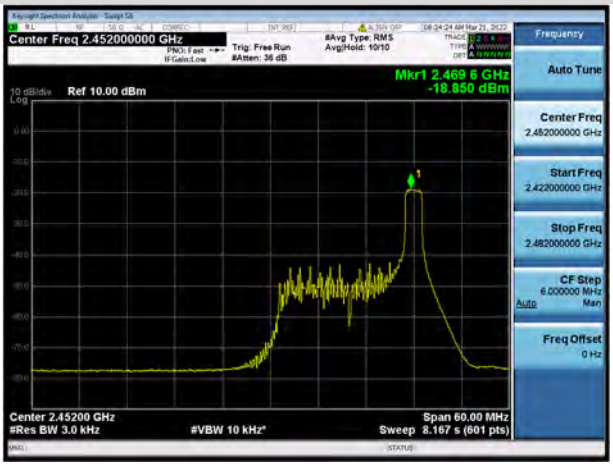
802.11ax-40 MHz(RU26) LOW CHANNEL



802.11ax-40 MHz(RU26) MIDDLE CHANNEL



802.11ax-40 MHz(RU26) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2230444-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2230444-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2230444-AI.PDF”.

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--END OF REPORT--