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

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.
Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data
Main Antenna
802.11b Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-42.90	9.53	-10.47	Pass
11	-50.70	9.95	-10.05	Pass
12	-44.60	10.03	-9.97	Pass
13	-45.07	9.24	-10.76	Pass

802.11g Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.34	2.70	-17.30	Pass
11	-48.02	3.33	-16.67	Pass
12	-46.51	2.40	-17.60	Pass
13	-51.65	-9.62	-29.62	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-41.37	1.61	-18.39	Pass
11	-50.13	1.71	-18.29	Pass
12	-48.29	0.91	-19.09	Pass
13	-51.21	-10.32	-30.32	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-41.92	1.21	-18.79	Pass
11	-50.51	1.42	-18.58	Pass
12	-47.28	1.63	-18.37	Pass
13	-51.73	-10.91	-30.91	Pass

Aux. Antenna

802.11b Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-43.19	9.95	-10.05	Pass
11	-49.28	10.99	-9.01	Pass
12	-48.44	10.60	-9.40	Pass
13	-45.89	9.80	-10.21	Pass

802.11g Mode：

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-37.31	3.59	-16.41	Pass
11	-47.65	3.96	-16.04	Pass
12	-46.19	2.91	-17.09	Pass
13	-50.05	-8.44	-28.44	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.34	2.30	-17.70	Pass
11	-50.44	2.03	-17.97	Pass
12	-48.79	1.57	-18.44	Pass
13	-50.45	-9.09	-29.09	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.91	2.15	-17.85	Pass
11	-49.81	2.01	-17.99	Pass
12	-47.49	2.00	-18.00	Pass
13	-50.55	-9.70	-29.70	Pass

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.97	2.10	-17.90	Pass
11	-49.89	2.06	-17.94	Pass
12	-47.26	1.33	-18.67	Pass
13	-51.57	-10.21	-30.21	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.64	1.87	-18.13	Pass
11	-50.87	2.09	-17.91	Pass
12	-45.74	2.10	-17.90	Pass
13	-52.34	-10.85	-30.85	Pass

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.28	2.55	-17.45	Pass
11	-49.26	2.16	-17.84	Pass
12	-46.46	1.67	-18.33	Pass
13	-50.66	-9.19	-29.19	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.52	2.23	-17.77	Pass
11	-50.44	1.95	-18.05	Pass
12	-47.53	1.93	-18.07	Pass
13	-50.50	-9.58	-29.58	Pass

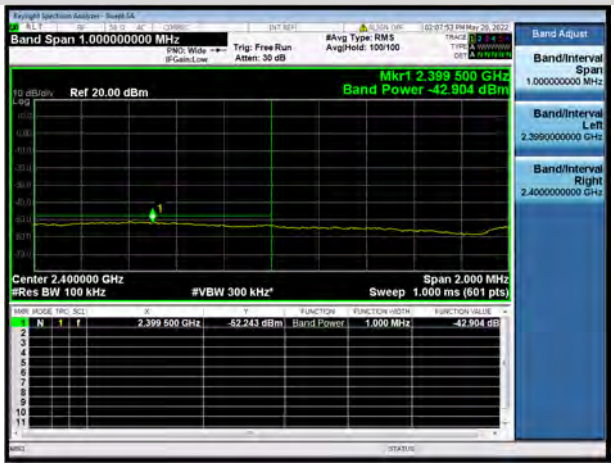
Test Plots

Main Antenna

802.11b 1 CHANNEL, CARRIER LEVEL

802.11b 1 CHANNEL, REFERENCE LEVEL

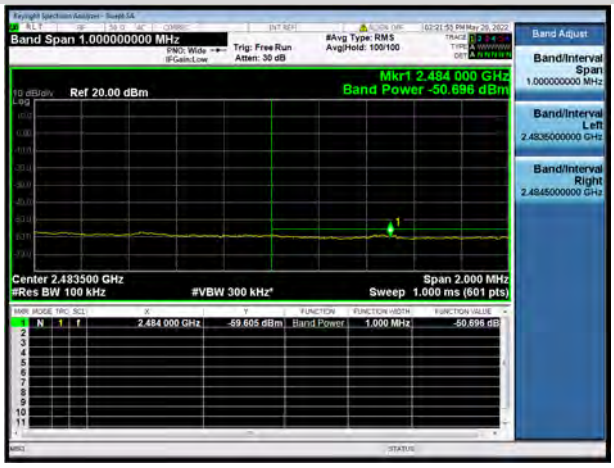
802.11b 1 CHANNEL, BAND EDGE



802.11b 11 CHANNEL, CARRIER LEVEL

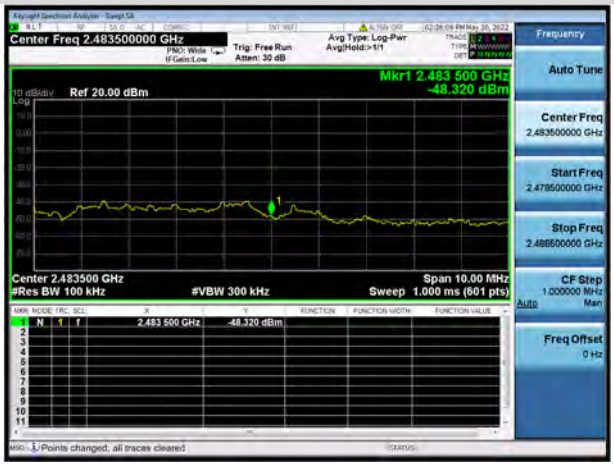
802.11b 11 CHANNEL, REFERENCE LEVEL

802.11b 11 CHANNEL, BAND EDGE



802.11b 12 CHANNEL, CARRIER LEVEL

802.11b 12 CHANNEL, REFERENCE LEVEL



802.11b 12 CHANNEL, BAND EDGE

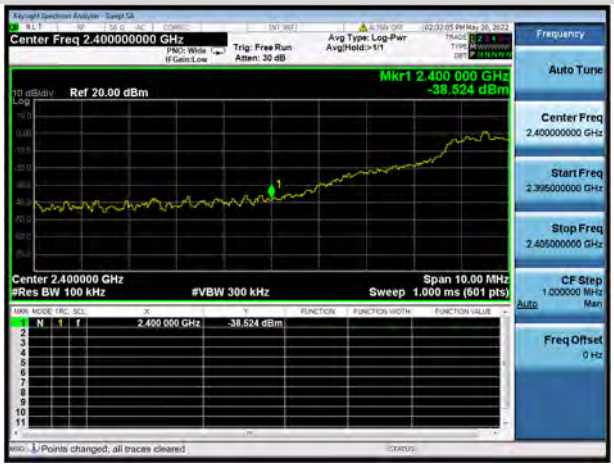
802.11b 13 CHANNEL, CARRIER LEVEL

802.11b 13 CHANNEL, REFERENCE LEVEL

802.11b 13 CHANNEL, BAND EDGE

802.11g 1 CHANNEL, CARRIER LEVEL

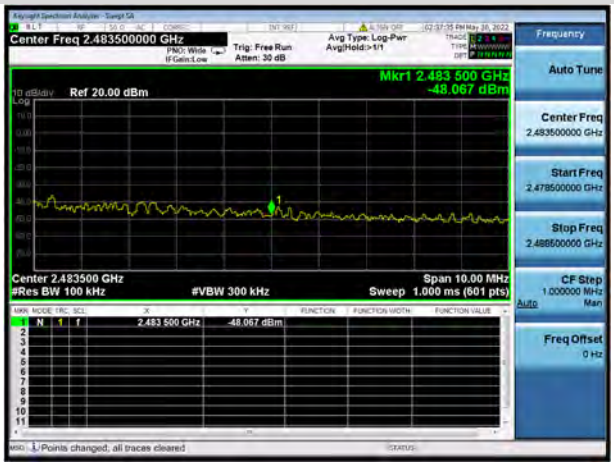
802.11g 1 CHANNEL, REFERENCE LEVEL



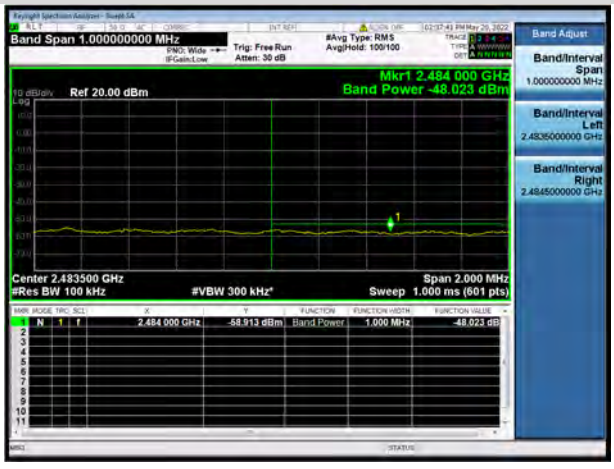
802.11g 1 CHANNEL, BAND EDGE

802.11g 11 CHANNEL, CARRIER LEVEL

802.11g 11 CHANNEL, REFERENCE LEVEL

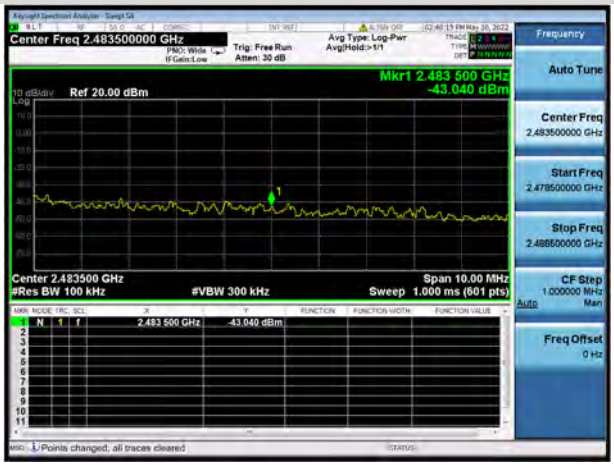


802.11g 11 CHANNEL, BAND EDGE



802.11g 12 CHANNEL, CARRIER LEVEL

802.11g 12 CHANNEL, REFERENCE LEVEL



802.11g 12 CHANNEL, BAND EDGE

802.11g 13 CHANNEL, CARRIER LEVEL

802.11g 13 CHANNEL, REFERENCE LEVEL

802.11g 13 CHANNEL, BAND EDGE

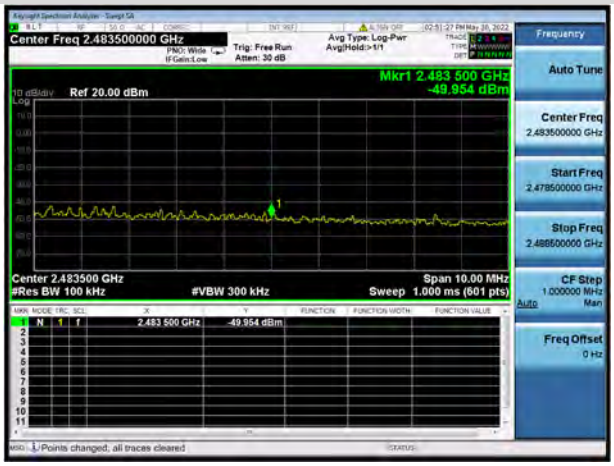
802.11n-20 MHz 1 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 1 CHANNEL, REFERENCE LEVEL

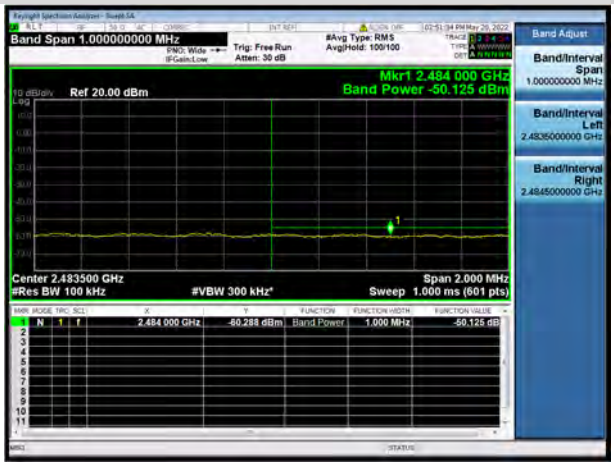
802.11n-20 MHz 1 CHANNEL, BAND EDGE

802.11n-20 MHz 11 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 11 CHANNEL, REFERENCE LEVEL

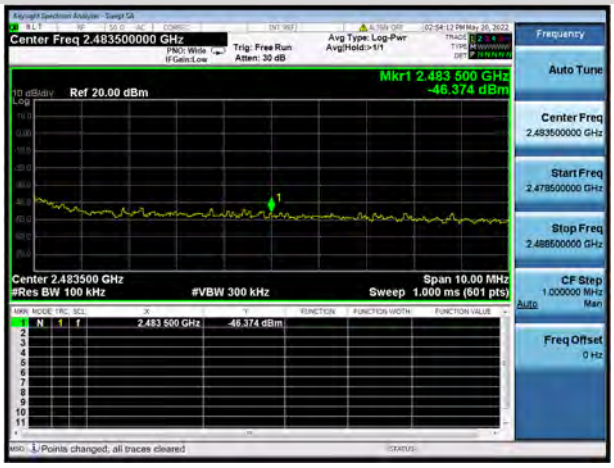


802.11n-20 MHz 11 CHANNEL, BAND EDGE

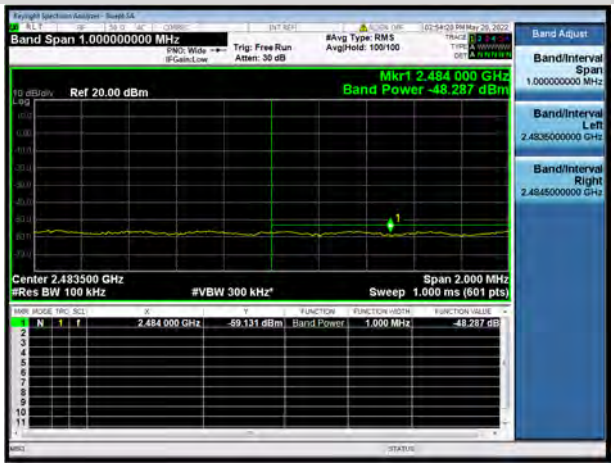


802.11n-20 MHz 12 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 12 CHANNEL, REFERENCE LEVEL



802.11n-20 MHz 12 CHANNEL, BAND EDGE



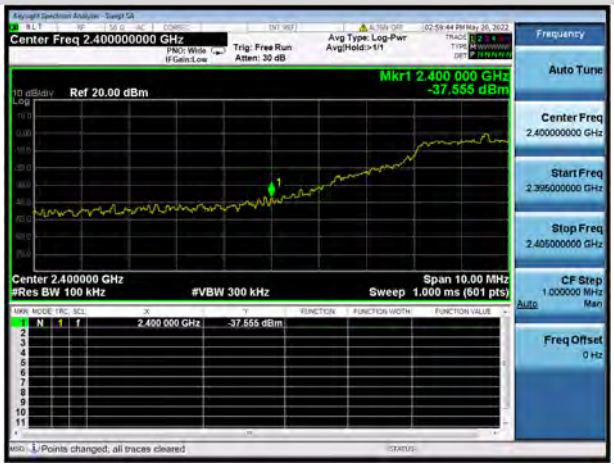
802.11n-20 MHz 13 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 13 CHANNEL, REFERENCE LEVEL

802.11n-20 MHz 13 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 1 CHANNEL, CARRIER LEVEL

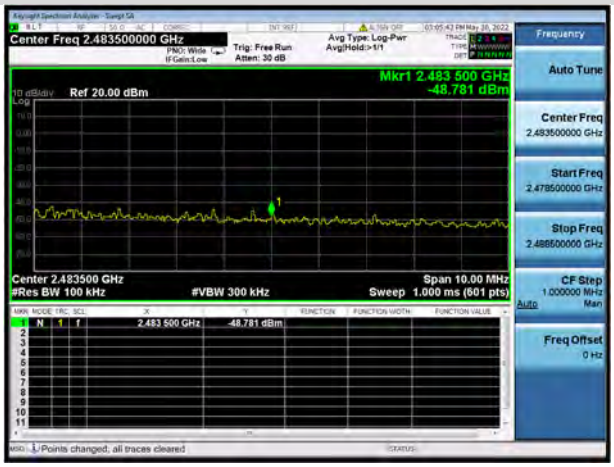
802.11ax-20 MHz(SU) 1 CHANNEL, REFERENCE LEVEL



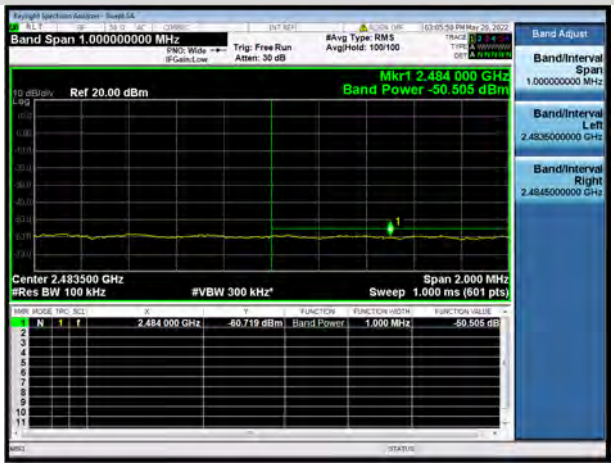
802.11ax-20 MHz(SU) 1 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 11 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 11 CHANNEL, REFERENCE LEVEL

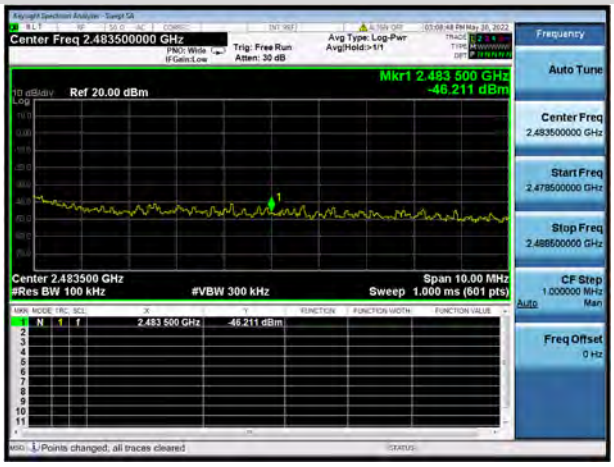


802.11ax-20 MHz(SU) 11 CHANNEL, BAND EDGE

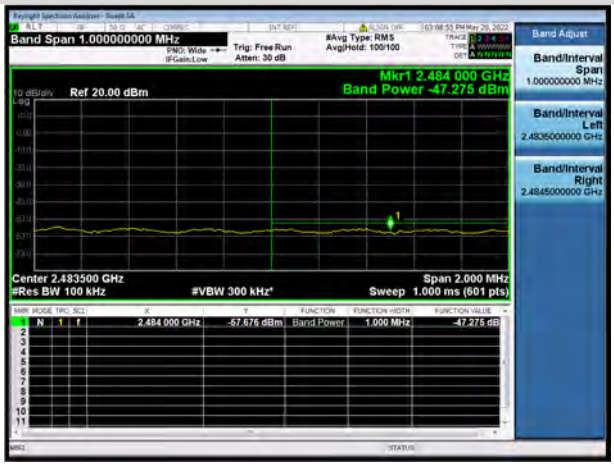


802.11ax-20 MHz(SU) 12 CHANNEL, CARRIER LEVEL

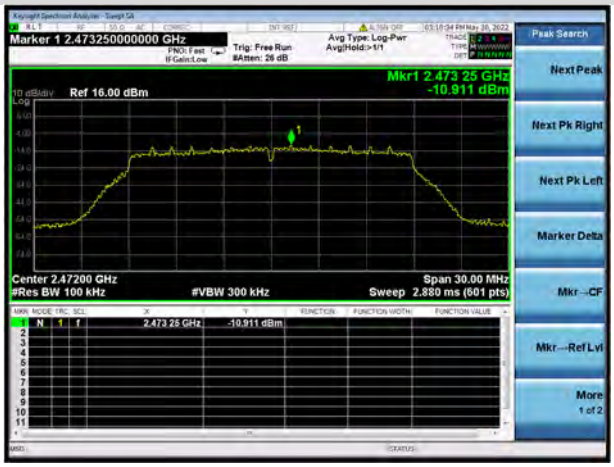
802.11ax-20 MHz(SU) 12 CHANNEL, REFERENCE LEVEL



802.11ax-20 MHz(SU) 12 CHANNEL, BAND EDGE



802.11ax-20 MHz(SU) 13 CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) 13 CHANNEL, REFERENCE LEVEL

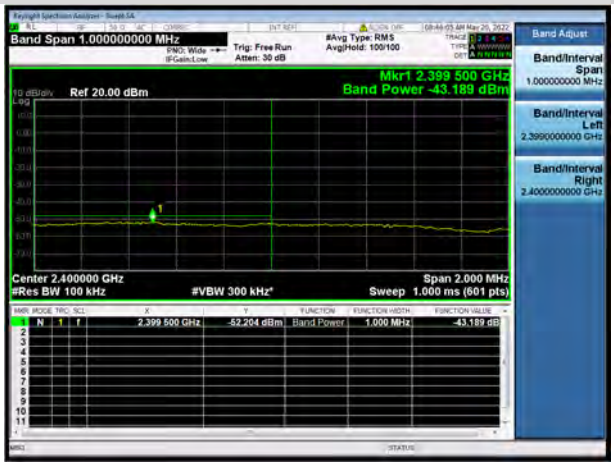
802.11ax-20 MHz(SU) 13 CHANNEL, BAND EDGE

Aux. Antenna

802.11b 1 CHANNEL, CARRIER LEVEL

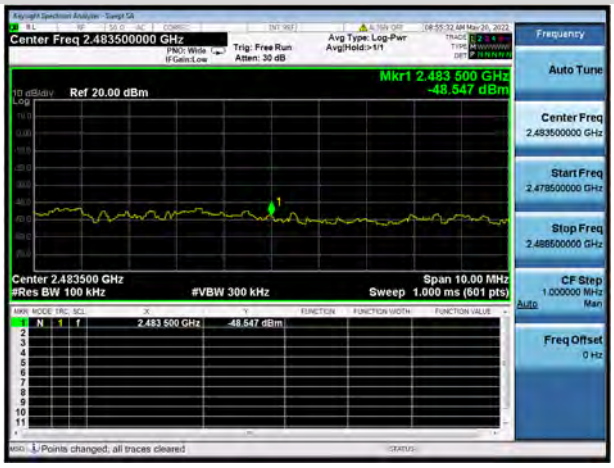
802.11b 1 CHANNEL, REFERENCE LEVEL

802.11b 1 CHANNEL, BAND EDGE

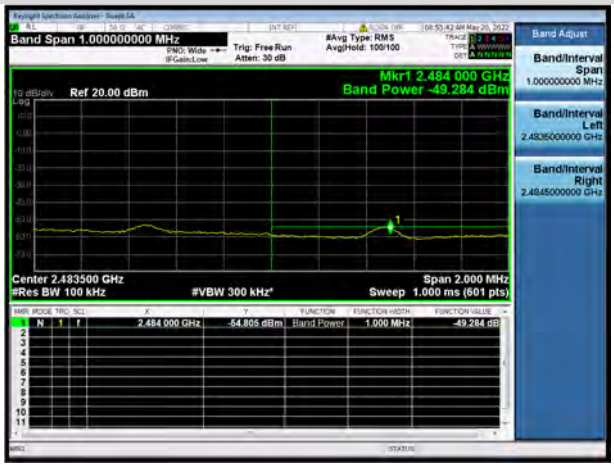


802.11b 11 CHANNEL, CARRIER LEVEL

802.11b 11 CHANNEL, REFERENCE LEVEL

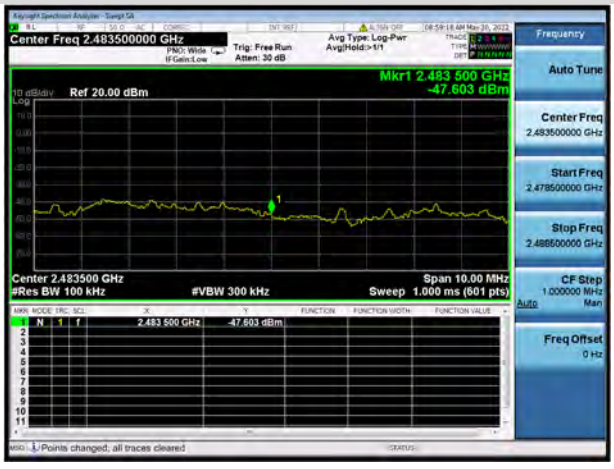


802.11b 11 CHANNEL, BAND EDGE



802.11b 12 CHANNEL, CARRIER LEVEL

802.11b 12 CHANNEL, REFERENCE LEVEL



802.11b 12 CHANNEL, BAND EDGE

802.11b 13 CHANNEL, CARRIER LEVEL

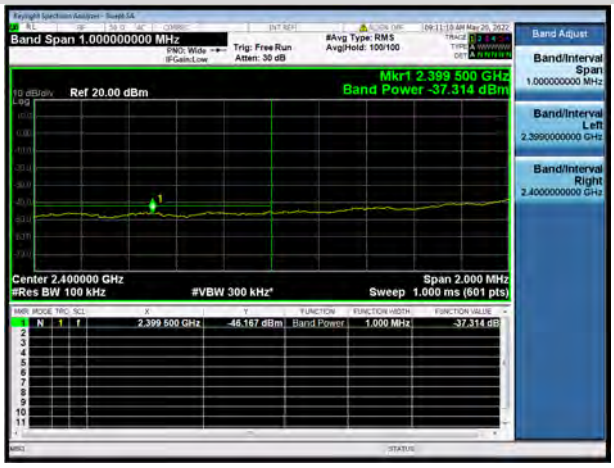
802.11b 13 CHANNEL, REFERENCE LEVEL

802.11b 13 CHANNEL, BAND EDGE

802.11g 1 CHANNEL, CARRIER LEVEL

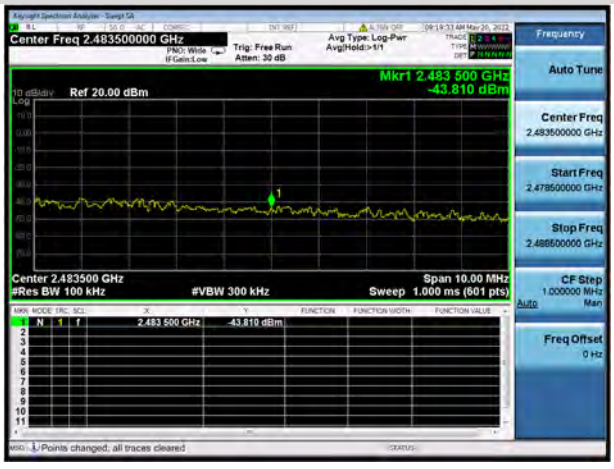
802.11g 1 CHANNEL, REFERENCE LEVEL

802.11g 1 CHANNEL, BAND EDGE

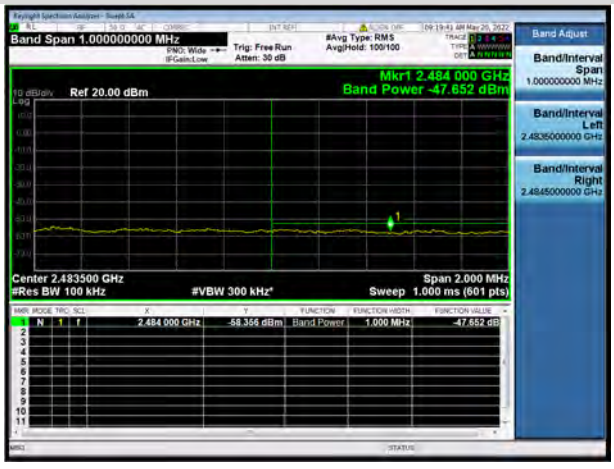


802.11g 11 CHANNEL, CARRIER LEVEL

802.11g 11 CHANNEL, REFERENCE LEVEL

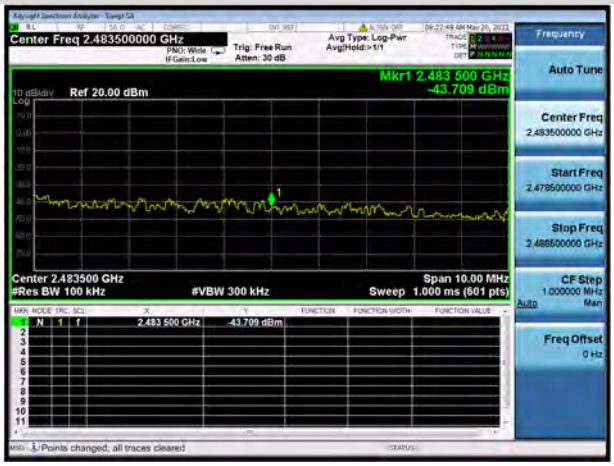


802.11g 11 CHANNEL, BAND EDGE

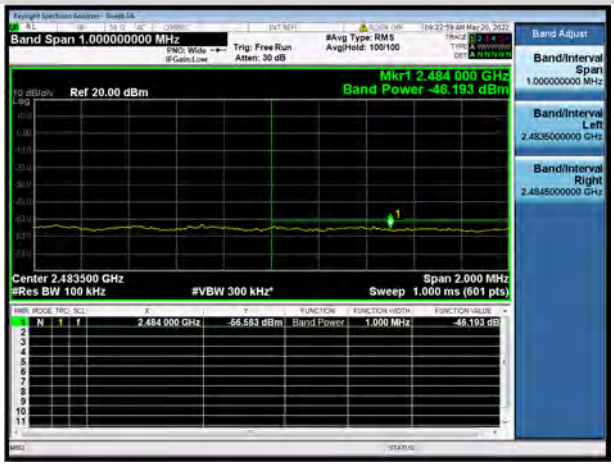


802.11g 12 CHANNEL, CARRIER LEVEL

802.11g 12 CHANNEL, REFERENCE LEVEL



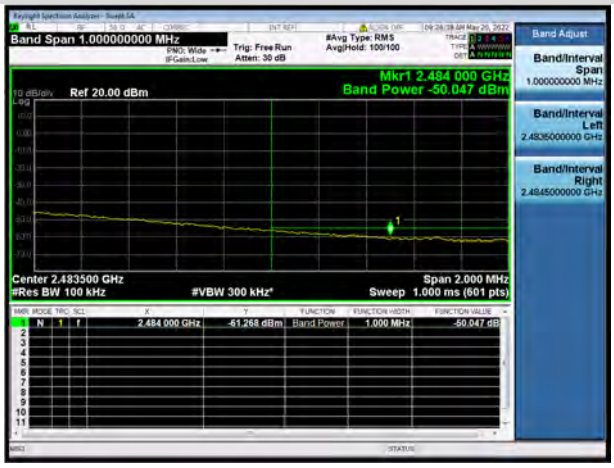
802.11g 12 CHANNEL, BAND EDGE



802.11g 13 CHANNEL, CARRIER LEVEL

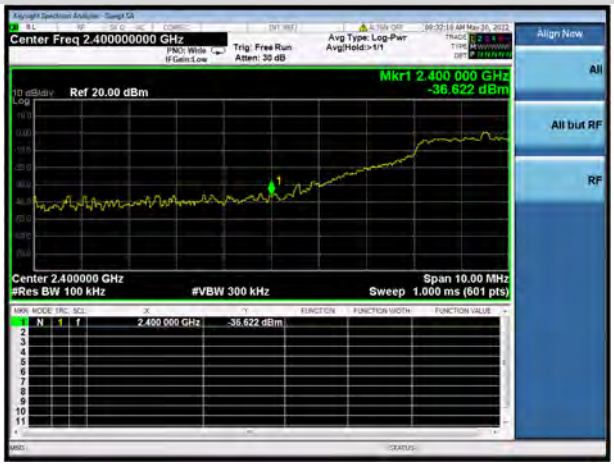
802.11g 13 CHANNEL, REFERENCE LEVEL

802.11g 13 CHANNEL, BAND EDGE



802.11n-20 MHz 1 CHANNEL, CARRIER LEVEL

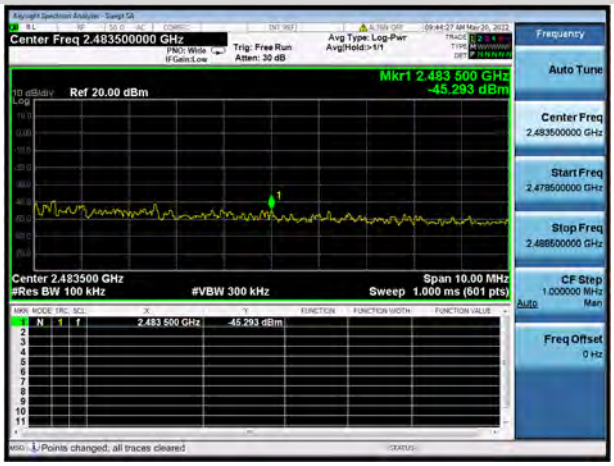
802.11n-20 MHz 1 CHANNEL, REFERENCE LEVEL



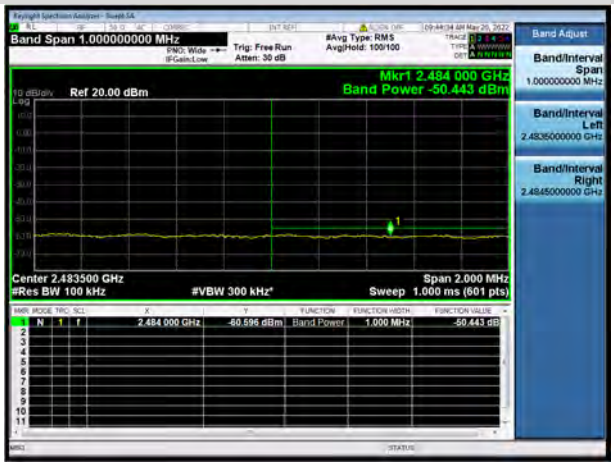
802.11n-20 MHz 1 CHANNEL, BAND EDGE

802.11n-20 MHz 11 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 11 CHANNEL, REFERENCE LEVEL

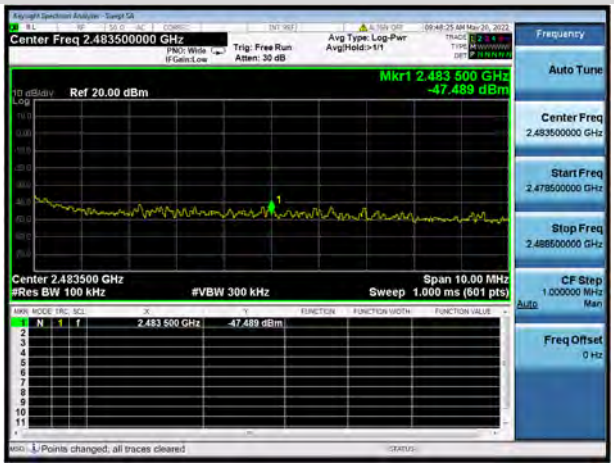


802.11n-20 MHz 11 CHANNEL, BAND EDGE

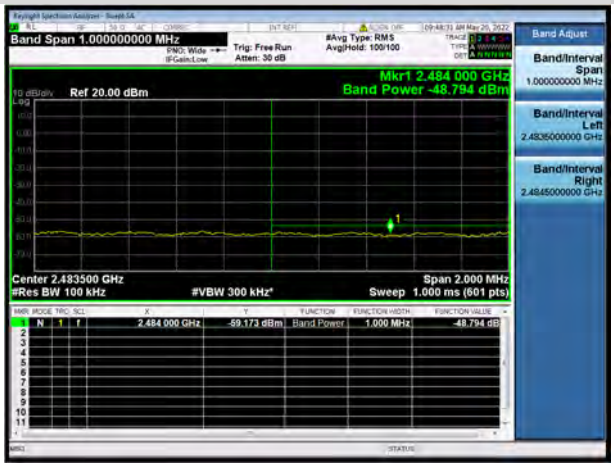


802.11n-20 MHz 12 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 12 CHANNEL, REFERENCE LEVEL



802.11n-20 MHz 12 CHANNEL, BAND EDGE

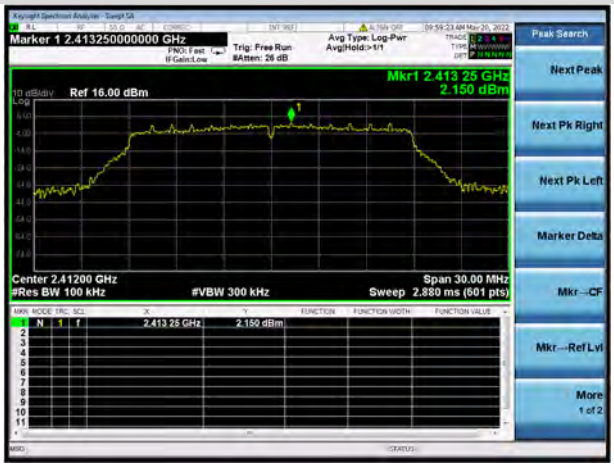


802.11n-20 MHz 13 CHANNEL, CARRIER LEVEL

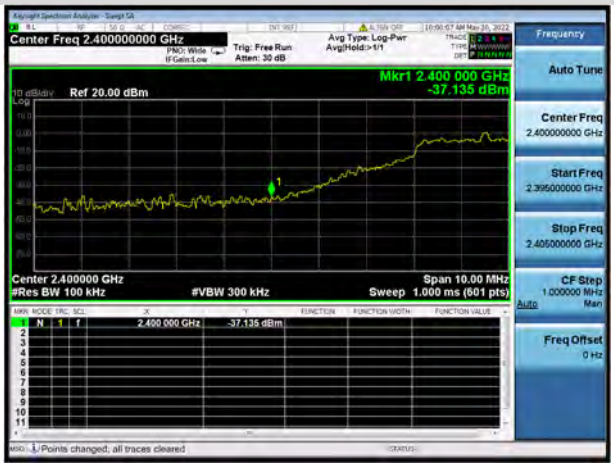
802.11n-20 MHz 13 CHANNEL, REFERENCE LEVEL

802.11n-20 MHz 13 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 1 CHANNEL, CARRIER LEVEL

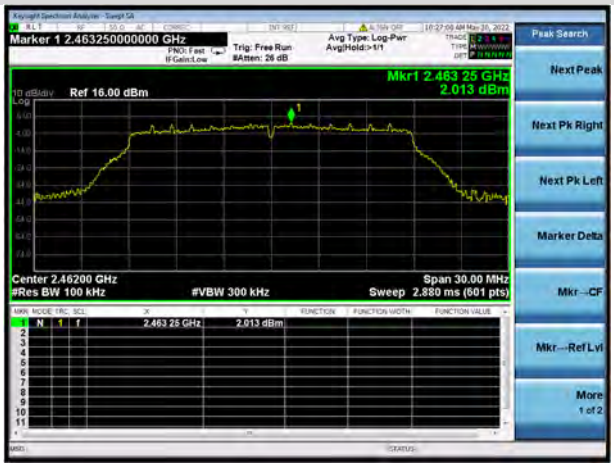


802.11ax-20 MHz(SU) 1 CHANNEL, REFERENCE LEVEL

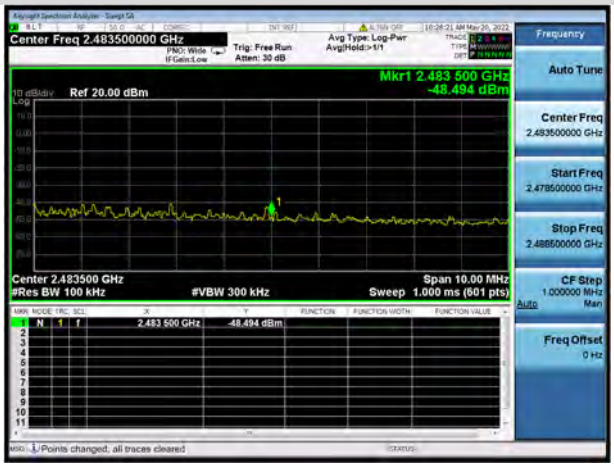


802.11ax-20 MHz(SU) 1 CHANNEL, BAND EDGE

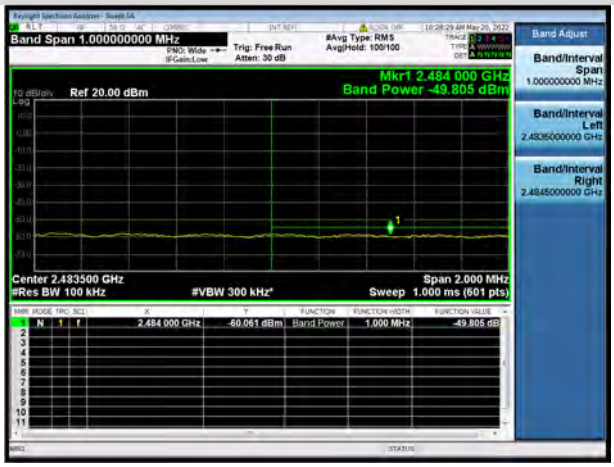
802.11ax-20 MHz(SU) 11 CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) 11 CHANNEL, REFERENCE LEVEL

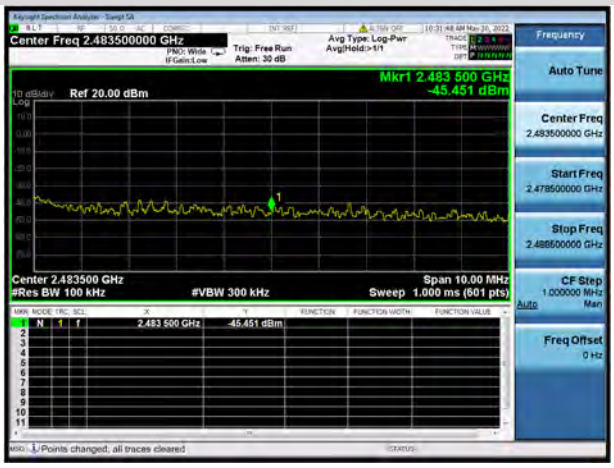


802.11ax-20 MHz(SU) 11 CHANNEL, BAND EDGE

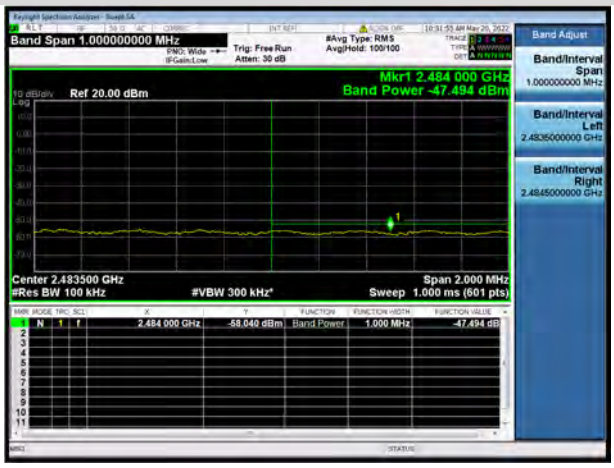


802.11ax-20 MHz(SU) 12 CHANNEL, CARRIER LEVEL

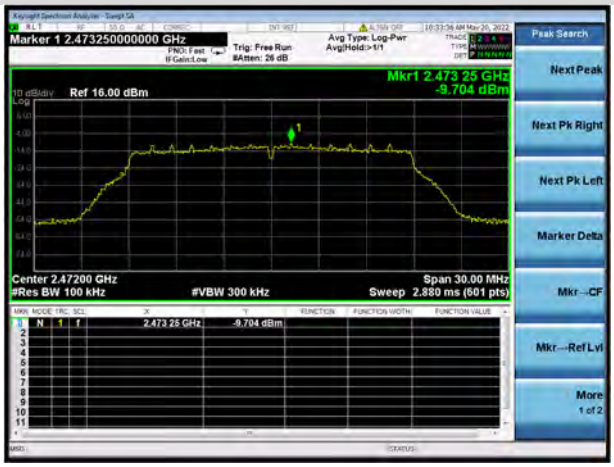
802.11ax-20 MHz(SU) 12 CHANNEL, REFERENCE LEVEL



802.11ax-20 MHz(SU) 12 CHANNEL, BAND EDGE



802.11ax-20 MHz(SU) 13 CHANNEL, CARRIER LEVEL



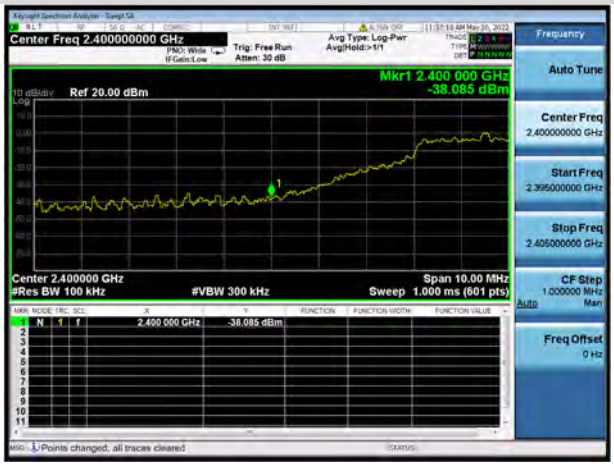
802.11ax-20 MHz(SU) 13 CHANNEL, REFERENCE LEVEL

802.11ax-20 MHz(SU) 13 CHANNEL, BAND EDGE

MIMO-Main Antenna

802.11n-20 MHz 1 CHANNEL, CARRIER LEVEL

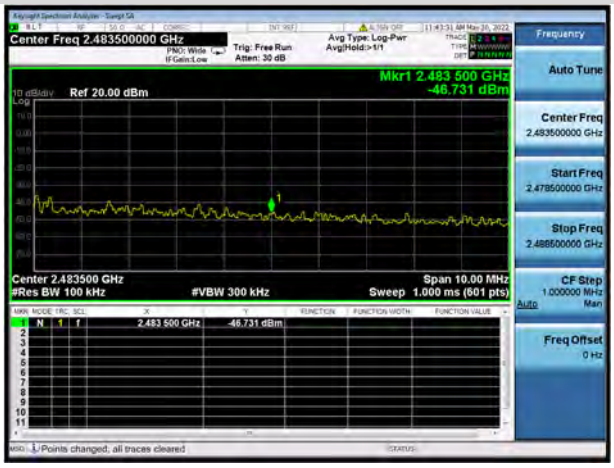
802.11n-20 MHz 1 CHANNEL, REFERENCE LEVEL



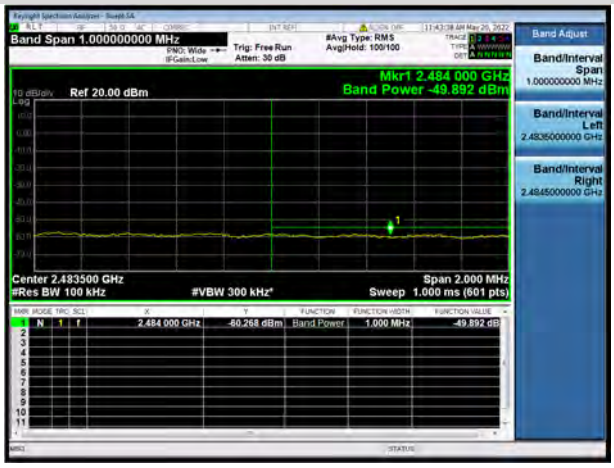
802.11n-20 MHz 1 CHANNEL, BAND EDGE

802.11n-20 MHz 11 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 11 CHANNEL, REFERENCE LEVEL

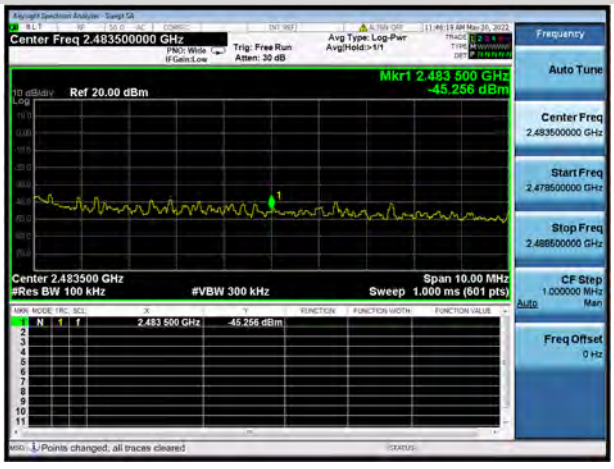


802.11n-20 MHz 11 CHANNEL, BAND EDGE

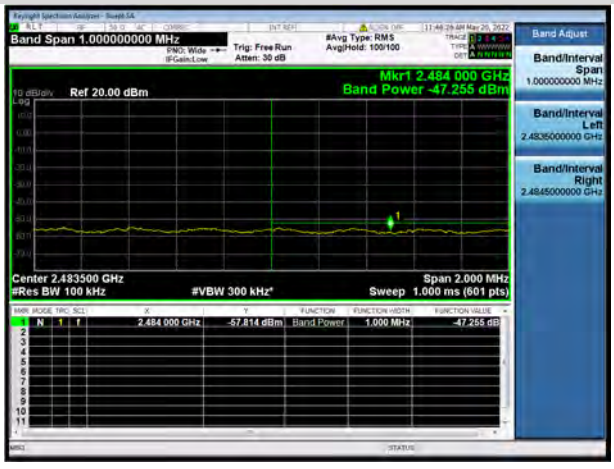


802.11n-20 MHz 12 CHANNEL, CARRIER LEVEL

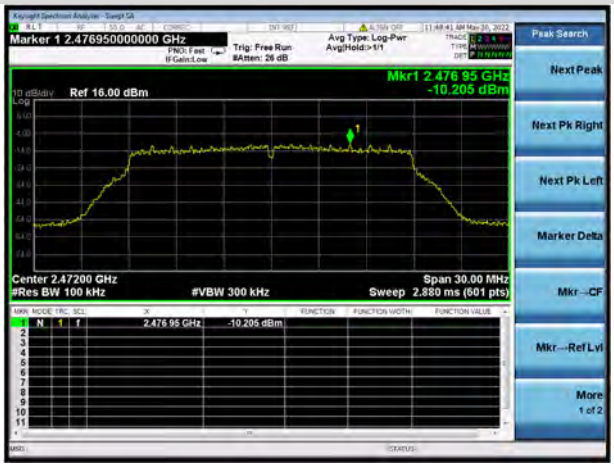
802.11n-20 MHz 12 CHANNEL, REFERENCE LEVEL



802.11n-20 MHz 12 CHANNEL, BAND EDGE



802.11n-20 MHz 13 CHANNEL, CARRIER LEVEL



802.11n-20 MHz 13 CHANNEL, REFERENCE LEVEL

802.11n-20 MHz 13 CHANNEL, BAND EDGE

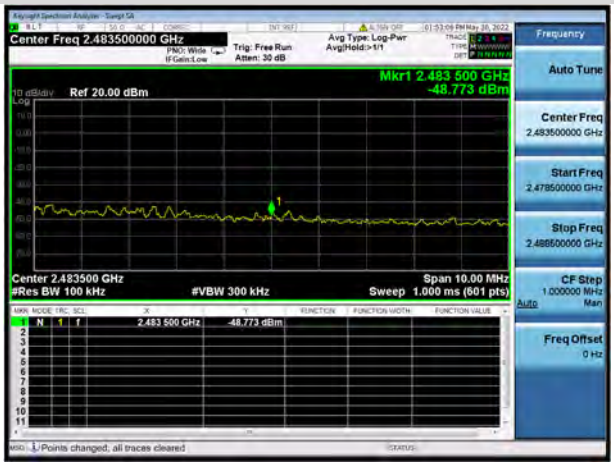
802.11ax-20 MHz(SU) 1 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 1 CHANNEL, REFERENCE LEVEL

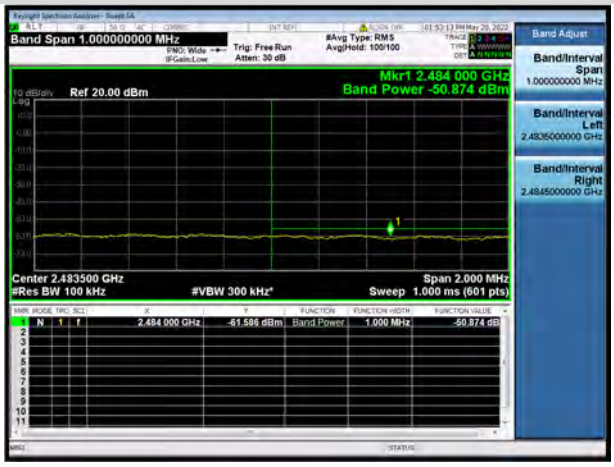
802.11ax-20 MHz(SU) 1 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 11 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 11 CHANNEL, REFERENCE LEVEL

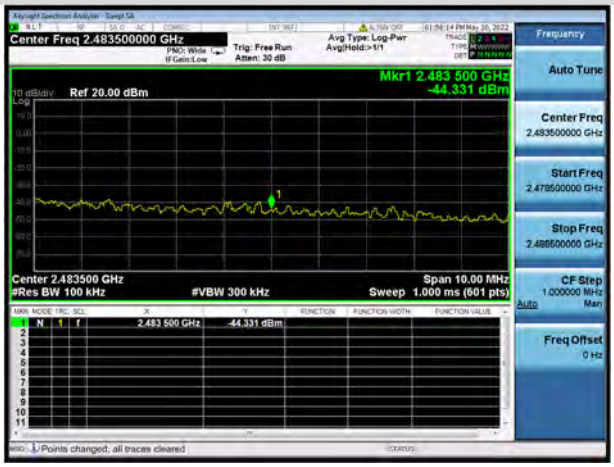


802.11ax-20 MHz(SU) 11 CHANNEL, BAND EDGE

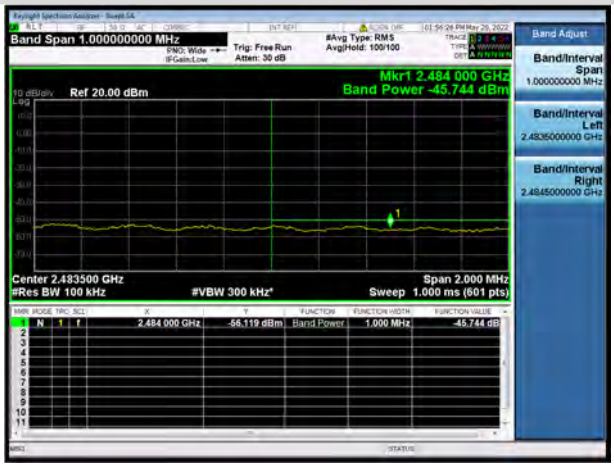


802.11ax-20 MHz(SU) 12 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 12 CHANNEL, REFERENCE LEVEL



802.11ax-20 MHz(SU) 12 CHANNEL, BAND EDGE



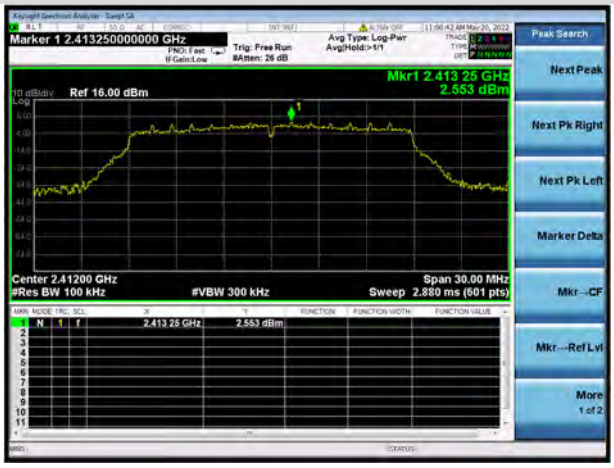
802.11ax-20 MHz(SU) 13 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 13 CHANNEL, REFERENCE LEVEL

802.11ax-20 MHz(SU) 13 CHANNEL, BAND EDGE

MIMO-Aux. Antenna

802.11n-20 MHz 1 CHANNEL, CARRIER LEVEL

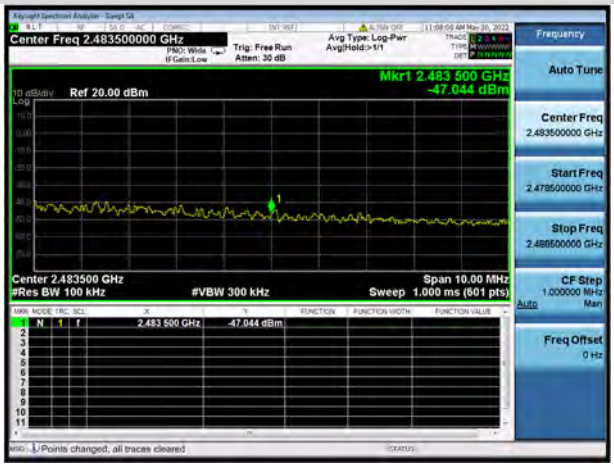


802.11n-20 MHz 1 CHANNEL, REFERENCE LEVEL

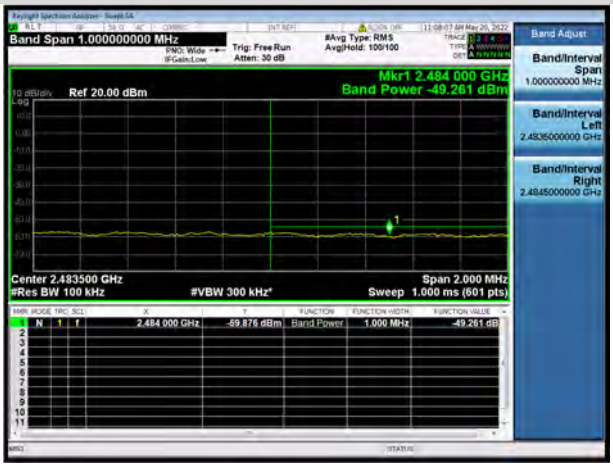
802.11n-20 MHz 1 CHANNEL, BAND EDGE

802.11n-20 MHz 11 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 11 CHANNEL, REFERENCE LEVEL

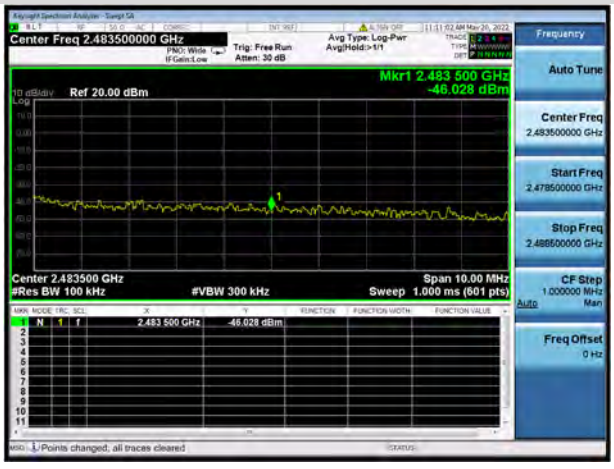


802.11n-20 MHz 11 CHANNEL, BAND EDGE



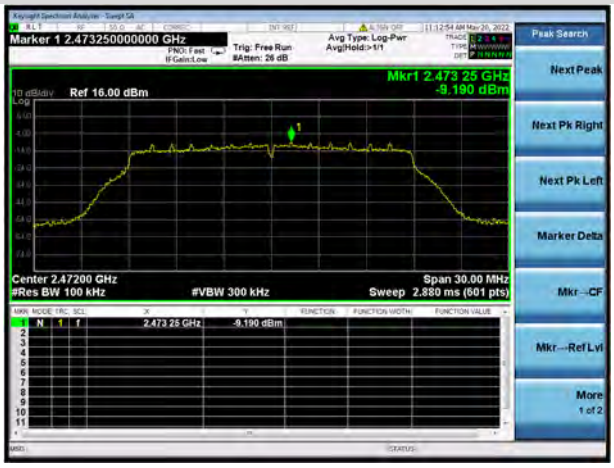
802.11n-20 MHz 12 CHANNEL, CARRIER LEVEL

802.11n-20 MHz 12 CHANNEL, REFERENCE LEVEL



802.11n-20 MHz 12 CHANNEL, BAND EDGE

802.11n-20 MHz 13 CHANNEL, CARRIER LEVEL

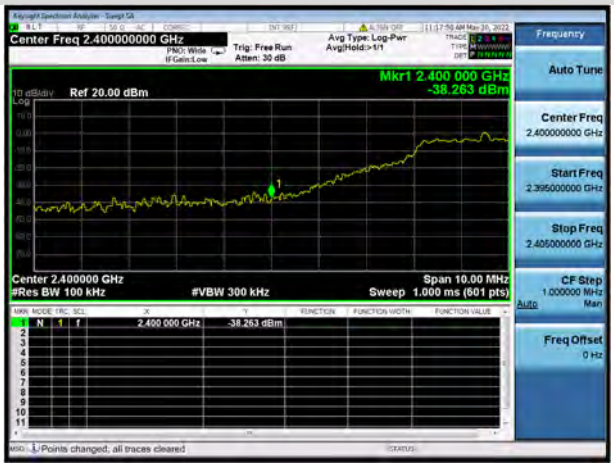


802.11n-20 MHz 13 CHANNEL, REFERENCE LEVEL

802.11n-20 MHz 13 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 1 CHANNEL, CARRIER LEVEL

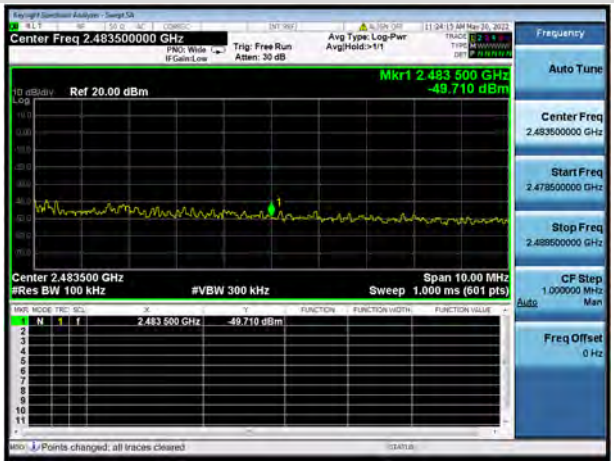
802.11ax-20 MHz(SU) 1 CHANNEL, REFERENCE LEVEL



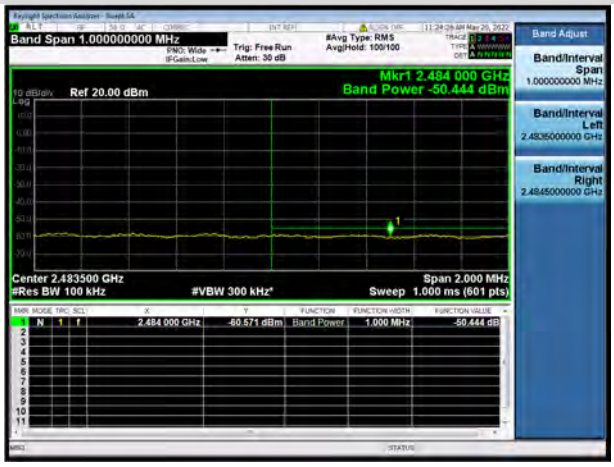
802.11ax-20 MHz(SU) 1 CHANNEL, BAND EDGE

802.11ax-20 MHz(SU) 11 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 11 CHANNEL, REFERENCE LEVEL

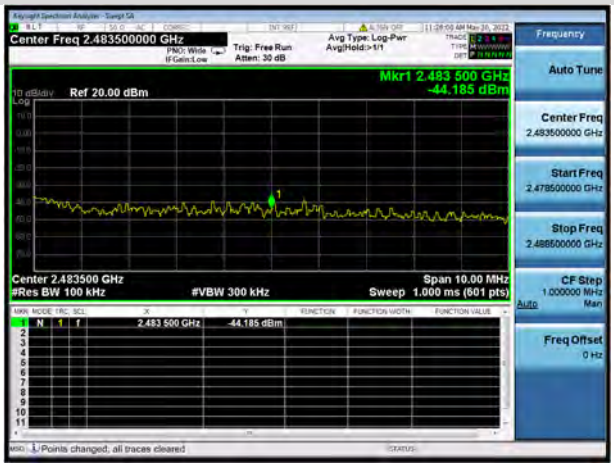


802.11ax-20 MHz(SU) 11 CHANNEL, BAND EDGE

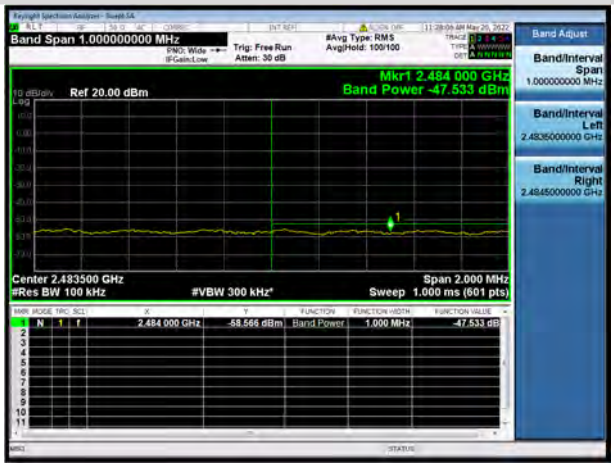


802.11ax-20 MHz(SU) 12 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 12 CHANNEL, REFERENCE LEVEL



802.11ax-20 MHz(SU) 12 CHANNEL, BAND EDGE



802.11ax-20 MHz(SU) 13 CHANNEL, CARRIER LEVEL

802.11ax-20 MHz(SU) 13 CHANNEL, REFERENCE LEVEL

802.11ax-20 MHz(SU) 13 CHANNEL, BAND EDGE

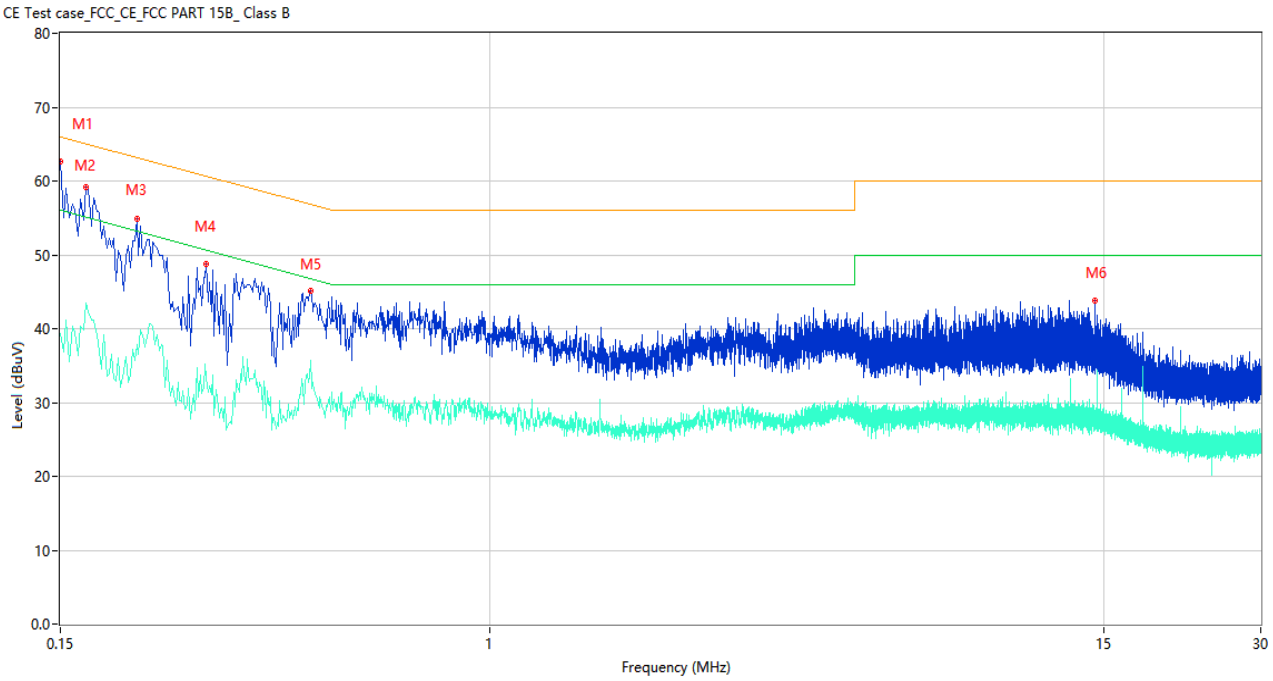
A.5 Conducted Emissions

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.

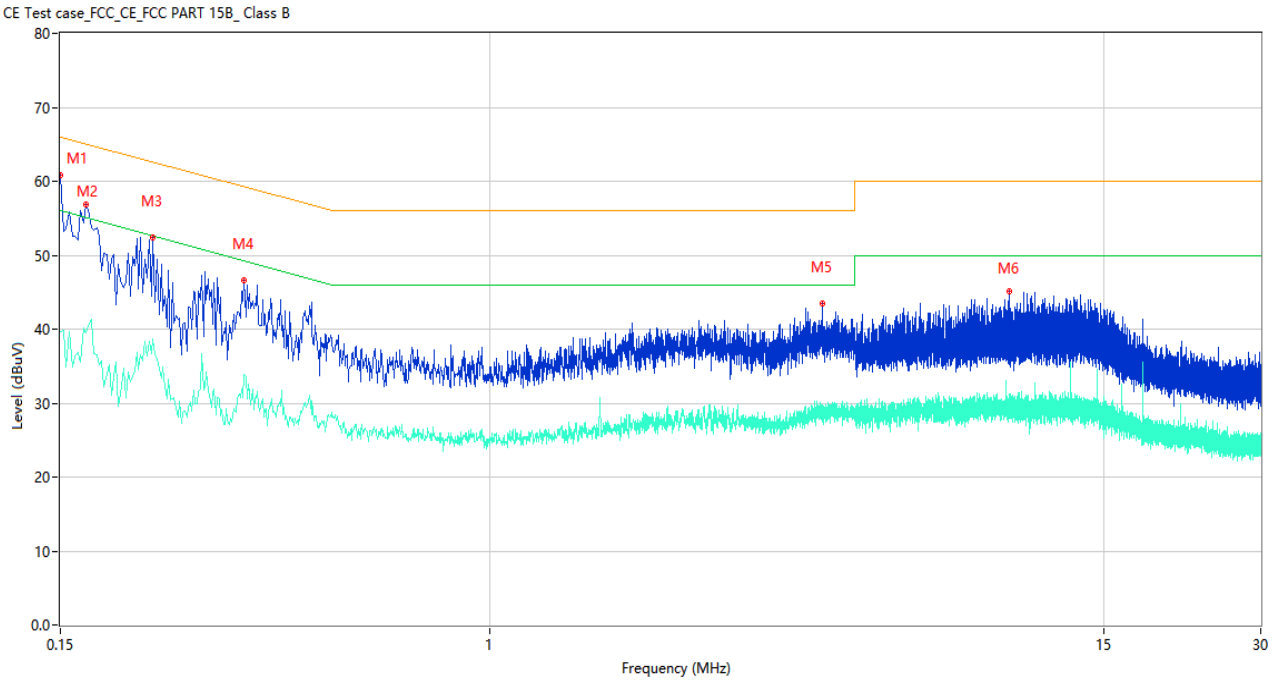
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	62.58	11.00	66.00	-3.42	Peak	L	Pass
1**	0.150	39.37	11.00	56.00	-16.63	AV	L	Pass
2	0.168	59.20	10.98	65.06	-5.86	Peak	L	Pass
2**	0.168	43.55	10.98	55.06	-11.51	AV	L	Pass
3	0.210	54.82	10.95	63.21	-8.39	Peak	L	Pass
3**	0.210	37.88	10.95	53.21	-15.33	AV	L	Pass
4	0.286	48.82	10.89	60.64	-11.82	Peak	L	Pass
4**	0.286	33.46	10.89	50.64	-17.18	AV	L	Pass
5	0.452	45.15	10.91	56.84	-11.69	Peak	L	Pass
5**	0.452	35.66	10.91	46.84	-11.18	AV	L	Pass
6	14.414	43.83	10.64	60.00	-16.17	Peak	L	Pass
6**	14.414	28.52	10.64	50.00	-21.48	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	60.83	11.00	66.00	-5.17	Peak	N	Pass
1**	0.150	39.68	11.00	56.00	-16.32	AV	N	Pass
2	0.168	56.79	10.98	65.06	-8.27	Peak	N	Pass
2**	0.168	39.50	10.98	55.06	-15.56	AV	N	Pass
3	0.226	52.39	10.94	62.60	-10.21	Peak	N	Pass
3**	0.226	38.71	10.94	52.60	-13.89	AV	N	Pass
4	0.338	46.61	10.89	59.25	-12.64	Peak	N	Pass
4**	0.338	33.96	10.89	49.25	-15.29	AV	N	Pass
5	4.328	43.40	10.71	56.00	-12.60	Peak	N	Pass
5**	4.328	28.82	10.71	46.00	-17.18	AV	N	Pass
6	9.884	45.06	10.67	60.00	-14.94	Peak	N	Pass
6**	9.884	29.05	10.67	50.00	-20.95	AV	N	Pass

A.6 Radiated Emission

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

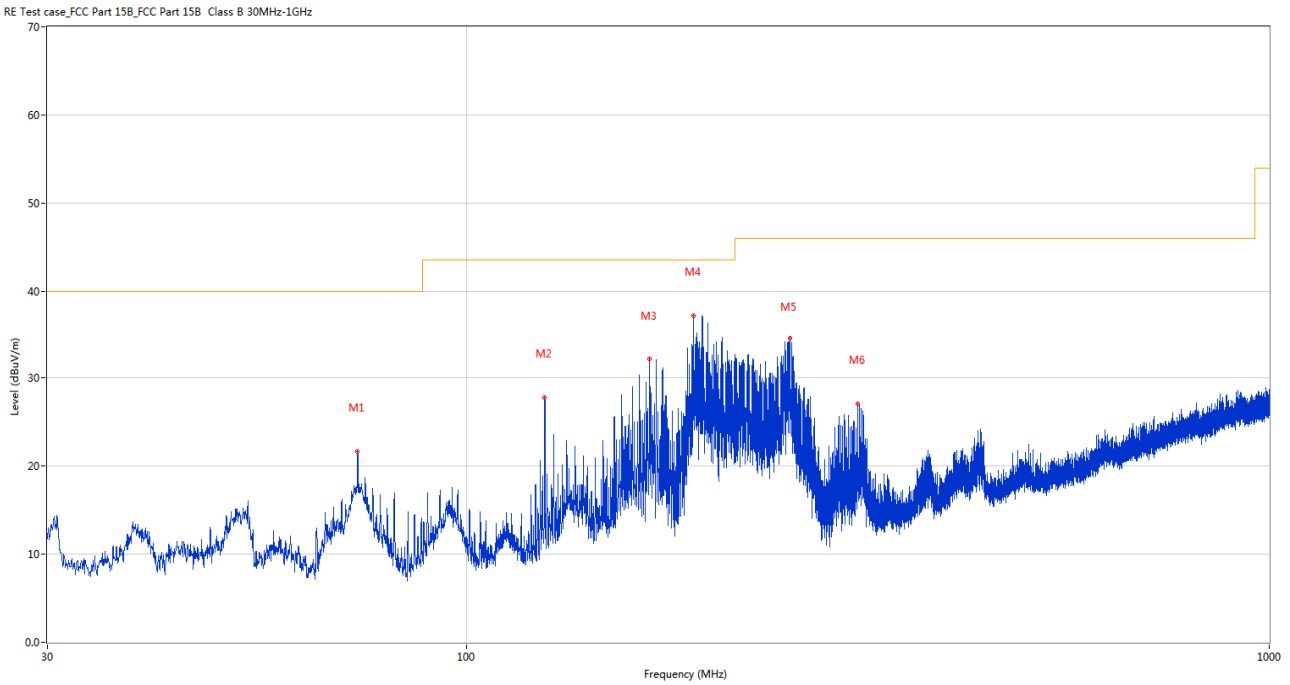
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

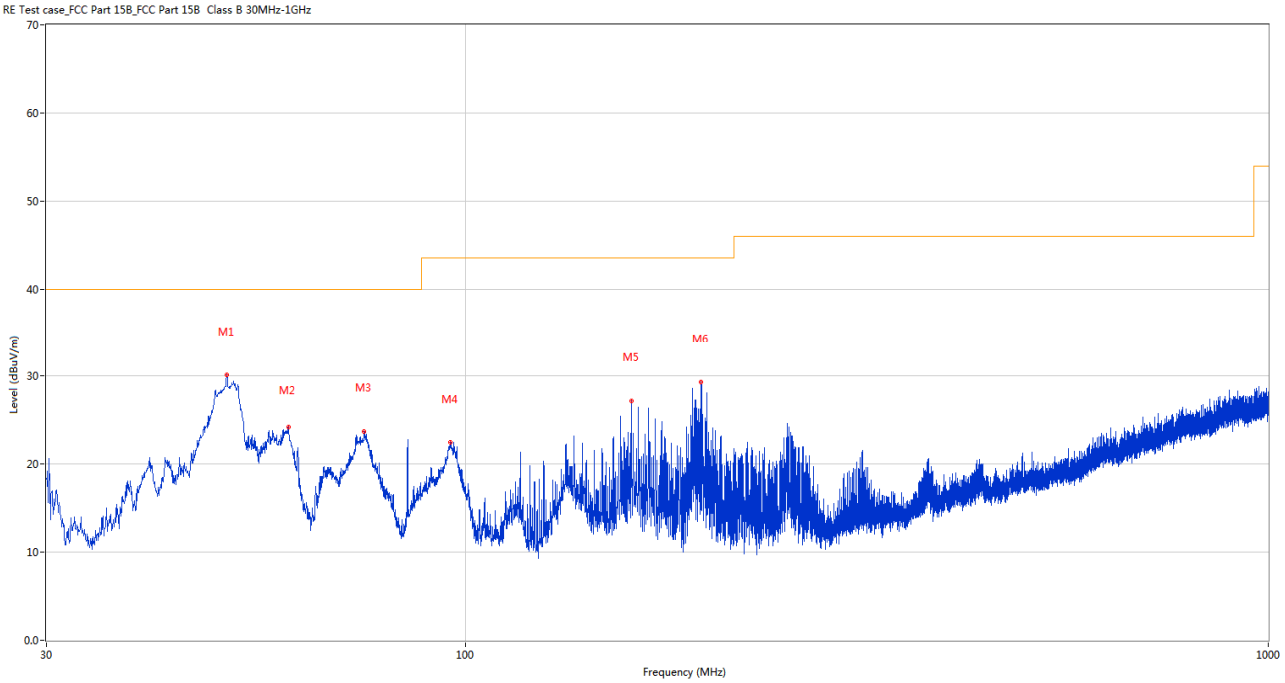
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	73.068	21.66	-29.34	40.0	-18.34	Peak	144.00	200	Horizontal	Pass
2	125.060	27.77	-27.14	43.5	-15.73	Peak	154.00	200	Horizontal	Pass
3	168.856	32.15	-25.43	43.5	-11.35	Peak	25.00	200	Horizontal	Pass
4	191.602	37.24	-28.23	43.5	-6.26	Peak	45.00	200	Horizontal	Pass
5	252.518	34.65	-26.00	46.0	-11.35	Peak	80.00	100	Horizontal	Pass
6	306.838	27.04	-23.98	46.0	-18.96	Peak	224.00	100	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	50.370	30.13	-26.67	40.0	-9.87	Peak	262.00	100	Vertical	Pass
2	60.118	24.19	-27.67	40.0	-15.81	Peak	142.00	100	Vertical	Pass
3	74.669	23.71	-29.85	40.0	-16.29	Peak	85.00	100	Vertical	Pass
4	95.620	22.44	-29.54	43.5	-21.06	Peak	16.00	100	Vertical	Pass
5	160.805	27.14	-24.65	43.5	-16.36	Peak	276.00	100	Vertical	Pass
6	196.452	29.33	-28.51	43.5	-14.17	Peak	287.00	100	Vertical	Pass

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

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

Note 3: All 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 1 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1421.700	41.94	-19.04	74.0	-32.06	Peak	26.00	150	Horizontal	Pass
1**	1421.700	29.87	-19.04	54.0	-24.13	AV	26.00	150	Horizontal	Pass
2	2410.800	103.52	-15.16	74.0	29.52	Peak	237.00	150	Horizontal	N/A
2**	2410.800	100.67	-15.16	54.0	46.67	AV	237.00	150	Horizontal	N/A
3	2777.300	50.75	-10.20	74.0	-23.25	Peak	69.00	150	Horizontal	Pass
3**	2777.300	40.51	-10.20	54.0	-13.49	AV	69.00	150	Horizontal	Pass
4	4824.250	50.34	-5.96	74.0	-23.66	Peak	246.00	150	Horizontal	Pass
4**	4824.250	47.43	-5.96	54.0	-6.57	AV	246.00	150	Horizontal	Pass
5	7783.750	53.88	-1.14	74.0	-20.12	Peak	141.00	150	Horizontal	Pass
5**	7783.750	43.90	-1.14	54.0	-10.10	AV	141.00	150	Horizontal	Pass
6	17792.500	48.31	6.30	74.0	-25.69	Peak	145.00	150	Horizontal	Pass
6**	17792.500	41.52	6.30	54.0	-12.48	AV	145.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.900	40.95	-19.38	74.0	-33.05	Peak	360.00	150	Vertical	Pass
1**	1311.900	29.49	-19.38	54.0	-24.51	AV	360.00	150	Vertical	Pass
2	2411.000	99.97	-14.96	74.0	25.97	Peak	3.00	150	Vertical	N/A
2**	2411.000	96.77	-14.96	54.0	42.77	AV	3.00	150	Vertical	N/A
3	2783.200	50.65	-9.54	74.0	-23.35	Peak	88.00	150	Vertical	Pass
3**	2783.200	41.08	-9.54	54.0	-12.92	AV	88.00	150	Vertical	Pass
4	4824.250	54.41	-5.96	74.0	-19.59	Peak	202.00	150	Vertical	Pass
4**	4824.250	52.39	-5.96	54.0	-1.61	AV	202.00	150	Vertical	N/A
4***	4824.250	50.423	-5.96	54.0	-3.577	AV	202.00	150	Vertical	Pass
5	7762.500	53.21	-0.74	74.0	-20.79	Peak	202.00	150	Vertical	Pass
5**	7762.500	44.31	-0.74	54.0	-9.69	AV	202.00	150	Vertical	Pass
6	17817.500	49.06	6.05	74.0	-24.94	Peak	31.00	150	Vertical	Pass
6**	17817.500	41.26	6.05	54.0	-12.74	AV	31.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.100	40.49	-18.93	74.0	-33.51	Peak	100.00	150	Horizontal	Pass
1**	1347.100	31.33	-18.93	54.0	-22.67	AV	100.00	150	Horizontal	Pass
2	2438.000	104.32	-14.51	74.0	30.32	Peak	202.00	150	Horizontal	N/A
2**	2438.000	101.59	-14.51	54.0	47.59	AV	202.00	150	Horizontal	N/A
3	2788.600	49.32	-10.33	74.0	-24.68	Peak	6.00	150	Horizontal	Pass
3**	2788.600	40.81	-10.33	54.0	-13.19	AV	6.00	150	Horizontal	Pass
4	4874.250	49.48	-6.13	74.0	-24.52	Peak	239.00	150	Horizontal	Pass
4**	4874.250	47.20	-6.13	54.0	-6.80	AV	239.00	150	Horizontal	Pass
5	7777.500	53.27	-1.11	74.0	-20.73	Peak	8.00	150	Horizontal	Pass
5**	7777.500	43.65	-1.11	54.0	-10.35	AV	8.00	150	Horizontal	Pass
6	17824.999	48.44	5.85	74.0	-25.56	Peak	295.00	150	Horizontal	Pass
6**	17824.999	40.81	5.85	54.0	-13.19	AV	295.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.100	40.32	-18.99	74.0	-33.68	Peak	92.00	150	Vertical	Pass
1**	1511.100	30.58	-18.99	54.0	-23.42	AV	92.00	150	Vertical	Pass
2	2438.000	100.37	-14.51	74.0	26.37	Peak	159.00	150	Vertical	N/A
2**	2438.000	96.90	-14.51	54.0	42.90	AV	159.00	150	Vertical	N/A
3	2778.400	50.54	-10.73	74.0	-23.46	Peak	325.00	150	Vertical	Pass
3**	2778.400	39.59	-10.73	54.0	-14.41	AV	325.00	150	Vertical	Pass
4	4874.000	55.75	-6.15	74.0	-18.25	Peak	208.00	150	Vertical	Pass
4***	4874.000	48.404	-6.15	54.0	-5.596	AV	208.00	150	Vertical	Pass
5	7525.000	53.66	-1.98	74.0	-20.34	Peak	120.00	150	Vertical	Pass
5**	7525.000	42.90	-1.98	54.0	-11.10	AV	120.00	150	Vertical	Pass
6	17795.000	48.93	6.37	74.0	-25.07	Peak	144.00	150	Vertical	Pass
6**	17795.000	42.04	6.37	54.0	-11.96	AV	144.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.000	40.64	-19.08	74.0	-33.36	Peak	316.00	150	Horizontal	Pass
1**	1488.000	32.67	-19.08	54.0	-21.33	AV	316.00	150	Horizontal	Pass
2	2460.800	104.85	-13.69	74.0	30.85	Peak	247.00	150	Horizontal	N/A
2**	2460.800	102.05	-13.69	54.0	48.05	AV	247.00	150	Horizontal	N/A
3	2786.900	50.08	-10.22	74.0	-23.92	Peak	11.00	150	Horizontal	Pass
3**	2786.900	41.58	-10.22	54.0	-12.42	AV	11.00	150	Horizontal	Pass
4	4924.000	49.39	-5.08	74.0	-24.61	Peak	266.00	150	Horizontal	Pass
4**	4924.000	44.81	-5.08	54.0	-9.19	AV	266.00	150	Horizontal	Pass
5	7758.250	53.65	-0.73	74.0	-20.35	Peak	179.00	150	Horizontal	Pass
5**	7758.250	43.40	-0.73	54.0	-10.60	AV	179.00	150	Horizontal	Pass
6	17812.500	48.73	6.19	74.0	-25.27	Peak	359.00	150	Horizontal	Pass
6**	17812.500	40.58	6.19	54.0	-13.42	AV	359.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1423.800	41.11	-19.56	74.0	-32.89	Peak	286.00	150	Vertical	Pass
1**	1423.800	30.51	-19.56	54.0	-23.49	AV	286.00	150	Vertical	Pass
2	2463.000	101.09	-13.43	74.0	27.09	Peak	169.00	150	Vertical	N/A
2**	2463.000	98.27	-13.43	54.0	44.27	AV	169.00	150	Vertical	N/A
3	2783.200	50.33	-9.54	74.0	-23.67	Peak	320.00	150	Vertical	Pass
3**	2783.200	41.55	-9.54	54.0	-12.45	AV	320.00	150	Vertical	Pass
4	4924.250	53.45	-4.95	74.0	-20.55	Peak	184.00	150	Vertical	Pass
4***	4924.250	50.872	-4.95	54.0	-3.128	AV	184.00	150	Vertical	Pass
5	7772.500	53.53	-0.58	74.0	-20.47	Peak	345.00	150	Vertical	Pass
5**	7772.500	44.31	-0.58	54.0	-9.69	AV	345.00	150	Vertical	Pass
6	17792.500	48.81	6.30	74.0	-25.19	Peak	122.00	150	Vertical	Pass
6**	17792.500	41.66	6.30	54.0	-12.34	AV	122.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1342.300	40.31	-19.36	74.0	-33.69	Peak	345.00	150	Horizontal	Pass
1**	1342.300	29.06	-19.36	54.0	-24.94	AV	345.00	150	Horizontal	Pass
2	2468.400	104.28	-14.24	74.0	30.28	Peak	243.00	150	Horizontal	N/A
2**	2468.400	101.31	-14.24	54.0	47.31	AV	243.00	150	Horizontal	N/A
3	2785.100	50.22	-9.97	74.0	-23.78	Peak	53.00	150	Horizontal	Pass
3**	2785.100	40.32	-9.97	54.0	-13.68	AV	53.00	150	Horizontal	Pass
4	4934.250	47.82	-4.91	74.0	-26.18	Peak	223.00	150	Horizontal	Pass
4**	4934.250	44.01	-4.91	54.0	-9.99	AV	223.00	150	Horizontal	Pass
5	7589.000	53.45	-0.48	74.0	-20.55	Peak	67.00	150	Horizontal	Pass
5**	7589.000	44.13	-0.48	54.0	-9.87	AV	67.00	150	Horizontal	Pass
6	17795.000	48.77	6.37	74.0	-25.23	Peak	193.00	150	Horizontal	Pass
6**	17795.000	42.31	6.37	54.0	-11.69	AV	193.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.600	41.30	-20.59	74.0	-32.70	Peak	273.00	150	Vertical	Pass
1**	1079.600	33.58	-20.59	54.0	-20.42	AV	273.00	150	Vertical	Pass
2	2466.900	100.54	-14.10	74.0	26.54	Peak	156.00	150	Vertical	N/A
2**	2466.900	96.61	-14.10	54.0	42.61	AV	156.00	150	Vertical	N/A
3	2790.200	49.83	-10.76	74.0	-24.17	Peak	206.00	150	Vertical	Pass
3**	2790.200	41.50	-10.76	54.0	-12.50	AV	206.00	150	Vertical	Pass
4	4934.250	52.40	-4.91	74.0	-21.60	Peak	205.00	150	Vertical	Pass
4**	4934.250	50.12	-4.91	54.0	-3.88	AV	205.00	150	Vertical	Pass
5	7334.750	53.41	-0.97	74.0	-20.59	Peak	241.00	150	Vertical	Pass
5**	7334.750	44.15	-0.97	54.0	-9.85	AV	241.00	150	Vertical	Pass
6	17799.999	48.81	6.52	74.0	-25.19	Peak	20.00	150	Vertical	Pass
6**	17799.999	41.53	6.52	54.0	-12.47	AV	20.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.300	40.49	-18.89	74.0	-33.51	Peak	299.00	150	Horizontal	Pass
1**	1512.300	31.37	-18.89	54.0	-22.63	AV	299.00	150	Horizontal	Pass
2	2471.900	104.47	-14.25	74.0	30.47	Peak	229.00	150	Horizontal	N/A
2**	2471.900	100.62	-14.25	54.0	46.62	AV	229.00	150	Horizontal	N/A
3	2776.900	49.96	-10.38	74.0	-24.04	Peak	82.00	150	Horizontal	Pass
3**	2776.900	41.26	-10.38	54.0	-12.74	AV	82.00	150	Horizontal	Pass
4	4944.250	47.41	-4.40	74.0	-26.59	Peak	360.00	150	Horizontal	Pass
4**	4944.250	44.28	-4.40	54.0	-9.72	AV	360.00	150	Horizontal	Pass
5	7509.250	52.70	-1.60	74.0	-21.30	Peak	322.00	150	Horizontal	Pass
5**	7509.250	43.19	-1.60	54.0	-10.81	AV	322.00	150	Horizontal	Pass
6	17795.000	48.13	6.37	74.0	-25.87	Peak	65.00	150	Horizontal	Pass
6**	17795.000	41.65	6.37	54.0	-12.35	AV	65.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.400	43.12	-20.80	74.0	-30.88	Peak	282.00	150	Vertical	Pass
1**	1079.400	35.38	-20.80	54.0	-18.62	AV	282.00	150	Vertical	Pass
2	2472.900	101.16	-14.08	74.0	27.16	Peak	160.00	150	Vertical	N/A
2**	2472.900	98.51	-14.08	54.0	44.51	AV	160.00	150	Vertical	N/A
3	2783.200	50.08	-9.54	74.0	-23.92	Peak	68.00	150	Vertical	Pass
3**	2783.200	41.78	-9.54	54.0	-12.22	AV	68.00	150	Vertical	Pass
4	4944.250	52.50	-4.40	74.0	-21.50	Peak	188.00	150	Vertical	Pass
4**	4944.250	50.54	-4.40	54.0	-3.46	AV	188.00	150	Vertical	Pass
5	7753.250	52.95	-0.30	74.0	-21.05	Peak	0.00	150	Vertical	Pass
5**	7753.250	44.25	-0.30	54.0	-9.75	AV	0.00	150	Vertical	Pass
6	17814.999	48.76	6.12	74.0	-25.24	Peak	156.00	150	Vertical	Pass
6**	17814.999	41.08	6.12	54.0	-12.92	AV	156.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1339.000	40.27	-19.81	74.0	-33.73	Peak	0.00	150	Horizontal	Pass
1**	1339.000	30.11	-19.81	54.0	-23.89	AV	0.00	150	Horizontal	Pass
2	2411.100	106.52	-14.85	74.0	32.52	Peak	261.00	150	Horizontal	N/A
2**	2411.100	99.85	-14.85	54.0	45.85	AV	261.00	150	Horizontal	N/A
3	2788.600	49.72	-10.33	74.0	-24.28	Peak	7.00	150	Horizontal	Pass
3**	2788.600	41.21	-10.33	54.0	-12.79	AV	7.00	150	Horizontal	Pass
4	4970.500	49.41	-3.56	74.0	-24.59	Peak	160.00	150	Horizontal	Pass
4**	4970.500	40.39	-3.56	54.0	-13.61	AV	160.00	150	Horizontal	Pass
5	7772.750	53.31	-0.55	74.0	-20.69	Peak	307.00	150	Horizontal	Pass
5**	7772.750	43.92	-0.55	54.0	-10.08	AV	307.00	150	Horizontal	Pass
6	17797.501	49.00	6.45	74.0	-25.00	Peak	309.00	150	Horizontal	Pass
6**	17797.501	41.60	6.45	54.0	-12.40	AV	309.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.800	40.23	-19.44	74.0	-33.77	Peak	0.00	150	Vertical	Pass
1**	1436.800	29.27	-19.44	54.0	-24.73	AV	0.00	150	Vertical	Pass
2	2409.600	101.37	-14.94	74.0	27.37	Peak	106.00	150	Vertical	N/A
2**	2409.600	92.48	-14.94	54.0	38.48	AV	106.00	150	Vertical	N/A
3	2784.800	49.68	-9.79	74.0	-24.32	Peak	191.00	150	Vertical	Pass
3**	2784.800	40.73	-9.79	54.0	-13.27	AV	191.00	150	Vertical	Pass
4	4824.250	49.91	-5.96	74.0	-24.09	Peak	225.00	150	Vertical	Pass
4**	4824.250	40.81	-5.96	54.0	-13.19	AV	225.00	150	Vertical	Pass
5	7738.500	52.73	-1.20	74.0	-21.27	Peak	360.00	150	Vertical	Pass
5**	7738.500	43.17	-1.20	54.0	-10.83	AV	360.00	150	Vertical	Pass
6	17797.501	48.96	6.45	74.0	-25.04	Peak	40.00	150	Vertical	Pass
6**	17797.501	41.22	6.45	54.0	-12.78	AV	40.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.000	40.43	-19.08	74.0	-33.57	Peak	15.00	150	Horizontal	Pass
1**	1516.000	30.36	-19.08	54.0	-23.64	AV	15.00	150	Horizontal	Pass
2	2438.300	106.22	-14.80	74.0	32.22	Peak	262.00	150	Horizontal	N/A
2**	2438.300	98.73	-14.80	54.0	44.73	AV	262.00	150	Horizontal	N/A
3	2783.000	50.20	-9.46	74.0	-23.80	Peak	33.00	150	Horizontal	Pass
3**	2783.000	42.06	-9.46	54.0	-11.94	AV	33.00	150	Horizontal	Pass
4	4604.250	48.54	-5.59	74.0	-25.46	Peak	136.00	150	Horizontal	Pass
4**	4604.250	38.64	-5.59	54.0	-15.36	AV	136.00	150	Horizontal	Pass
5	7132.000	53.08	-2.00	74.0	-20.92	Peak	328.00	150	Horizontal	Pass
5**	7132.000	43.26	-2.00	54.0	-10.74	AV	328.00	150	Horizontal	Pass
6	17792.500	49.60	6.30	74.0	-24.40	Peak	105.00	150	Horizontal	Pass
6**	17792.500	41.83	6.30	54.0	-12.17	AV	105.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.500	40.34	-19.01	74.0	-33.66	Peak	269.00	150	Vertical	Pass
1**	1511.500	31.07	-19.01	54.0	-22.93	AV	269.00	150	Vertical	Pass
2	2439.000	101.26	-14.54	74.0	27.26	Peak	360.00	150	Vertical	N/A
2**	2439.000	92.94	-14.54	54.0	38.94	AV	360.00	150	Vertical	N/A
3	2784.100	50.53	-10.28	74.0	-23.47	Peak	269.00	150	Vertical	Pass
3**	2784.100	40.83	-10.28	54.0	-13.17	AV	269.00	150	Vertical	Pass
4	4877.000	50.96	-5.83	74.0	-23.04	Peak	187.00	150	Vertical	Pass
4**	4877.000	43.05	-5.83	54.0	-10.95	AV	187.00	150	Vertical	Pass
5	7583.000	53.40	0.28	74.0	-20.60	Peak	100.00	150	Vertical	Pass
5**	7583.000	44.37	0.28	54.0	-9.63	AV	100.00	150	Vertical	Pass
6	17602.501	48.80	5.75	74.0	-25.20	Peak	124.00	150	Vertical	Pass
6**	17602.501	39.71	5.75	54.0	-14.29	AV	124.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.000	41.23	-19.41	74.0	-32.77	Peak	63.00	150	Horizontal	Pass
1**	1602.000	30.51	-19.41	54.0	-23.49	AV	63.00	150	Horizontal	Pass
2	2460.700	107.04	-13.74	74.0	33.04	Peak	253.00	150	Horizontal	N/A
2**	2460.700	99.70	-13.74	54.0	45.70	AV	253.00	150	Horizontal	N/A
3	2784.100	49.85	-10.28	74.0	-24.15	Peak	220.00	150	Horizontal	Pass
3**	2784.100	40.87	-10.28	54.0	-13.13	AV	220.00	150	Horizontal	Pass
4	4752.500	49.49	-4.84	74.0	-24.51	Peak	311.00	150	Horizontal	Pass
4**	4752.500	39.34	-4.84	54.0	-14.66	AV	311.00	150	Horizontal	Pass
5	7569.000	53.42	-1.34	74.0	-20.58	Peak	152.00	150	Horizontal	Pass
5**	7569.000	43.25	-1.34	54.0	-10.75	AV	152.00	150	Horizontal	Pass
6	17824.999	48.42	5.85	74.0	-25.58	Peak	291.00	150	Horizontal	Pass
6**	17824.999	40.81	5.85	54.0	-13.19	AV	291.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.800	42.85	-19.86	74.0	-31.15	Peak	324.00	150	Vertical	Pass
1**	1196.800	30.63	-19.86	54.0	-23.37	AV	324.00	150	Vertical	Pass
2	2460.100	101.99	-13.74	74.0	27.99	Peak	163.00	150	Vertical	N/A
2**	2460.100	93.60	-13.74	54.0	39.60	AV	163.00	150	Vertical	N/A
3	2783.400	49.76	-9.95	74.0	-24.24	Peak	171.00	150	Vertical	Pass
3**	2783.400	41.00	-9.95	54.0	-13.00	AV	171.00	150	Vertical	Pass
4	4920.000	48.99	-5.40	74.0	-25.01	Peak	208.00	150	Vertical	Pass
4**	4920.000	41.23	-5.40	54.0	-12.77	AV	208.00	150	Vertical	Pass
5	7356.750	53.39	-1.11	74.0	-20.61	Peak	261.00	150	Vertical	Pass
5**	7356.750	43.48	-1.11	54.0	-10.52	AV	261.00	150	Vertical	Pass
6	17830.001	49.94	5.71	74.0	-24.06	Peak	132.00	150	Vertical	Pass
6**	17830.001	41.83	5.71	54.0	-12.17	AV	132.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	40.94	-19.83	74.0	-33.06	Peak	84.00	150	Horizontal	Pass
1**	1595.000	30.23	-19.83	54.0	-23.77	AV	84.00	150	Horizontal	Pass
2	2465.800	105.79	-14.28	74.0	31.79	Peak	250.00	150	Horizontal	N/A
2**	2465.800	98.32	-14.28	54.0	44.32	AV	250.00	150	Horizontal	N/A
3	2785.800	49.71	-10.08	74.0	-24.29	Peak	145.00	150	Horizontal	Pass
3**	2785.800	42.03	-10.08	54.0	-11.97	AV	145.00	150	Horizontal	Pass
4	4604.500	47.99	-5.92	74.0	-26.01	Peak	239.00	150	Horizontal	Pass
4**	4604.500	38.57	-5.92	54.0	-15.43	AV	239.00	150	Horizontal	Pass
5	7788.500	53.21	-0.71	74.0	-20.79	Peak	220.00	150	Horizontal	Pass
5**	7788.500	43.90	-0.71	54.0	-10.10	AV	220.00	150	Horizontal	Pass
6	17787.501	49.38	6.15	74.0	-24.62	Peak	146.00	150	Horizontal	Pass
6**	17787.501	41.55	6.15	54.0	-12.45	AV	146.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.500	41.74	-20.69	74.0	-32.26	Peak	266.00	150	Vertical	Pass
1**	1079.500	35.19	-20.69	54.0	-18.81	AV	266.00	150	Vertical	Pass
2	2468.400	101.09	-14.24	74.0	27.09	Peak	156.00	150	Vertical	N/A
2**	2468.400	93.46	-14.24	54.0	39.46	AV	156.00	150	Vertical	N/A
3	2783.200	50.70	-9.54	74.0	-23.30	Peak	92.00	150	Vertical	Pass
3**	2783.200	41.97	-9.54	54.0	-12.03	AV	92.00	150	Vertical	Pass
4	4941.250	50.68	-4.31	74.0	-23.32	Peak	194.00	150	Vertical	Pass
4**	4941.250	40.82	-4.31	54.0	-13.18	AV	194.00	150	Vertical	Pass
5	7755.000	54.23	-0.25	74.0	-19.77	Peak	284.00	150	Vertical	Pass
5**	7755.000	44.14	-0.25	54.0	-9.86	AV	284.00	150	Vertical	Pass
6	17587.499	48.49	6.01	74.0	-25.51	Peak	51.00	150	Vertical	Pass
6**	17587.499	40.43	6.01	54.0	-13.57	AV	51.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.200	40.53	-19.48	74.0	-33.47	Peak	346.00	150	Horizontal	Pass
1**	1508.200	30.89	-19.48	54.0	-23.11	AV	346.00	150	Horizontal	Pass
2	2472.900	106.76	-14.08	74.0	32.76	Peak	235.00	150	Horizontal	N/A
2**	2472.900	99.64	-14.08	54.0	45.64	AV	235.00	150	Horizontal	N/A
3	2783.000	49.88	-9.46	74.0	-24.12	Peak	346.00	150	Horizontal	Pass
3**	2783.000	41.89	-9.46	54.0	-12.11	AV	346.00	150	Horizontal	Pass
4	5207.500	49.57	-4.48	74.0	-24.43	Peak	292.00	150	Horizontal	Pass
4**	5207.500	40.41	-4.48	54.0	-13.59	AV	292.00	150	Horizontal	Pass
5	7781.750	54.29	-0.99	74.0	-19.71	Peak	16.00	150	Horizontal	Pass
5**	7781.750	43.14	-0.99	54.0	-10.86	AV	16.00	150	Horizontal	Pass
6	17750.000	48.39	5.02	74.0	-25.61	Peak	10.00	150	Horizontal	Pass
6**	17750.000	40.13	5.02	54.0	-13.87	AV	10.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.900	42.51	-20.59	74.0	-31.49	Peak	277.00	150	Vertical	Pass
1**	1079.900	36.89	-20.59	54.0	-17.11	AV	277.00	150	Vertical	Pass
2	2473.800	102.65	-14.39	74.0	28.65	Peak	17.00	150	Vertical	N/A
2**	2473.800	94.44	-14.39	54.0	40.44	AV	17.00	150	Vertical	N/A
3	2784.900	50.09	-9.85	74.0	-23.91	Peak	75.00	150	Vertical	Pass
3**	2784.900	41.64	-9.85	54.0	-12.36	AV	75.00	150	Vertical	Pass
4	4936.250	49.40	-4.88	74.0	-24.60	Peak	182.00	150	Vertical	Pass
4**	4936.250	39.44	-4.88	54.0	-14.56	AV	182.00	150	Vertical	Pass
5	7582.250	53.52	-0.05	74.0	-20.48	Peak	236.00	150	Vertical	Pass
5**	7582.250	43.94	-0.05	54.0	-10.06	AV	236.00	150	Vertical	Pass
6	17812.500	49.29	6.19	74.0	-24.71	Peak	102.00	150	Vertical	Pass
6**	17812.500	40.47	6.19	54.0	-13.53	AV	102.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.400	40.53	-18.91	74.0	-33.47	Peak	360.00	150	Horizontal	Pass
1**	1516.400	30.58	-18.91	54.0	-23.42	AV	360.00	150	Horizontal	Pass
2	2410.900	106.03	-15.07	74.0	32.03	Peak	177.00	150	Horizontal	N/A
2**	2410.900	100.16	-15.07	54.0	46.16	AV	177.00	150	Horizontal	N/A
3	2789.100	50.13	-10.30	74.0	-23.87	Peak	19.00	150	Horizontal	Pass
3**	2789.100	41.22	-10.30	54.0	-12.78	AV	19.00	150	Horizontal	Pass
4	4955.500	49.42	-3.39	74.0	-24.58	Peak	309.00	150	Horizontal	Pass
4**	4955.500	39.90	-3.39	54.0	-14.10	AV	309.00	150	Horizontal	Pass
5	7764.250	52.53	-0.64	74.0	-21.47	Peak	238.00	150	Horizontal	Pass
5**	7764.250	43.12	-0.64	54.0	-10.88	AV	238.00	150	Horizontal	Pass
6	17512.499	49.27	5.78	74.0	-24.73	Peak	255.00	150	Horizontal	Pass
6**	17512.499	41.30	5.78	54.0	-12.70	AV	255.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.600	42.37	-20.41	74.0	-31.63	Peak	325.00	150	Vertical	Pass
1**	1197.600	31.00	-20.41	54.0	-23.00	AV	325.00	150	Vertical	Pass
2	2410.400	101.13	-15.22	74.0	27.13	Peak	360.00	150	Vertical	N/A
2**	2410.400	95.32	-15.22	54.0	41.32	AV	360.00	150	Vertical	N/A
3	2776.800	49.88	-10.42	74.0	-24.12	Peak	273.00	150	Vertical	Pass
3**	2776.800	41.44	-10.42	54.0	-12.56	AV	273.00	150	Vertical	Pass
4	4827.500	50.14	-5.77	74.0	-23.86	Peak	177.00	150	Vertical	Pass
4**	4827.500	41.01	-5.77	54.0	-12.99	AV	177.00	150	Vertical	Pass
5	7619.500	52.94	-0.71	74.0	-21.06	Peak	122.00	150	Vertical	Pass
5**	7619.500	43.98	-0.71	54.0	-10.02	AV	122.00	150	Vertical	Pass
6	17535.001	48.64	6.21	74.0	-25.36	Peak	282.00	150	Vertical	Pass
6**	17535.001	40.42	6.21	54.0	-13.58	AV	282.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.500	39.90	-19.83	74.0	-34.10	Peak	334.00	150	Horizontal	Pass
1**	1448.500	31.69	-19.83	54.0	-22.31	AV	334.00	150	Horizontal	Pass
2	2438.000	106.96	-14.51	74.0	32.96	Peak	258.00	150	Horizontal	N/A
2**	2438.000	99.83	-14.51	54.0	45.83	AV	258.00	150	Horizontal	N/A
3	2787.200	50.49	-10.38	74.0	-23.51	Peak	207.00	150	Horizontal	Pass
3**	2787.200	41.47	-10.38	54.0	-12.53	AV	207.00	150	Horizontal	Pass
4	4866.750	48.75	-6.15	74.0	-25.25	Peak	101.00	150	Horizontal	Pass
4**	4866.750	38.89	-6.15	54.0	-15.11	AV	101.00	150	Horizontal	Pass
5	6923.000	52.81	-2.25	74.0	-21.19	Peak	275.00	150	Horizontal	Pass
5**	6923.000	43.02	-2.25	54.0	-10.98	AV	275.00	150	Horizontal	Pass
6	17770.000	48.64	5.62	74.0	-25.36	Peak	289.00	150	Horizontal	Pass
6**	17770.000	39.40	5.62	54.0	-14.60	AV	289.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.600	41.09	-19.26	74.0	-32.91	Peak	335.00	150	Vertical	Pass
1**	1520.600	30.97	-19.26	54.0	-23.03	AV	335.00	150	Vertical	Pass
2	2438.200	101.33	-14.69	74.0	27.33	Peak	158.00	150	Vertical	N/A
2**	2438.200	94.83	-14.69	54.0	40.83	AV	158.00	150	Vertical	N/A
3	2785.600	50.26	-10.09	74.0	-23.74	Peak	225.00	150	Vertical	Pass
3**	2785.600	42.19	-10.09	54.0	-11.81	AV	225.00	150	Vertical	Pass
4	4879.500	48.25	-6.23	74.0	-25.75	Peak	193.00	150	Vertical	Pass
4**	4879.500	46.08	-6.23	54.0	-7.92	AV	193.00	150	Vertical	Pass
5	7773.500	53.16	-1.09	74.0	-20.84	Peak	297.00	150	Vertical	Pass
5**	7773.500	43.56	-1.09	54.0	-10.44	AV	297.00	150	Vertical	Pass
6	17567.500	48.87	6.27	74.0	-25.13	Peak	177.00	150	Vertical	Pass
6**	17567.500	40.68	6.27	54.0	-13.32	AV	177.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1263.900	40.39	-19.45	74.0	-33.61	Peak	50.00	150	Horizontal	Pass
1**	1263.900	30.09	-19.45	54.0	-23.91	AV	50.00	150	Horizontal	Pass
2	2462.900	106.93	-13.48	74.0	32.93	Peak	185.00	150	Horizontal	N/A
2**	2462.900	100.57	-13.48	54.0	46.57	AV	185.00	150	Horizontal	N/A
3	2782.000	49.69	-10.30	74.0	-24.31	Peak	8.00	150	Horizontal	Pass
3**	2782.000	40.65	-10.30	54.0	-13.35	AV	8.00	150	Horizontal	Pass
4	4970.500	48.55	-3.56	74.0	-25.45	Peak	360.00	150	Horizontal	Pass
4**	4970.500	40.55	-3.56	54.0	-13.45	AV	360.00	150	Horizontal	Pass
5	7772.500	53.84	-0.58	74.0	-20.16	Peak	136.00	150	Horizontal	Pass
5**	7772.500	44.27	-0.58	54.0	-9.73	AV	136.00	150	Horizontal	Pass
6	17560.001	48.36	6.37	74.0	-25.64	Peak	28.00	150	Horizontal	Pass
6**	17560.001	40.72	6.37	54.0	-13.28	AV	28.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.600	42.29	-19.89	74.0	-31.71	Peak	324.00	150	Vertical	Pass
1**	1196.600	30.57	-19.89	54.0	-23.43	AV	324.00	150	Vertical	Pass
2	2460.700	101.70	-13.74	74.0	27.70	Peak	161.00	150	Vertical	N/A
2**	2460.700	94.88	-13.74	54.0	40.88	AV	161.00	150	Vertical	N/A
3	2809.700	49.96	-11.59	74.0	-24.04	Peak	86.00	150	Vertical	Pass
3**	2809.700	39.57	-11.59	54.0	-14.43	AV	86.00	150	Vertical	Pass
4	4920.500	50.25	-5.58	74.0	-23.75	Peak	170.00	150	Vertical	Pass
4**	4920.500	40.27	-5.58	54.0	-13.73	AV	170.00	150	Vertical	Pass
5	7585.500	53.64	-0.18	74.0	-20.36	Peak	29.00	150	Vertical	Pass
5**	7585.500	44.08	-0.18	54.0	-9.92	AV	29.00	150	Vertical	Pass
6	17795.000	48.49	6.37	74.0	-25.51	Peak	137.00	150	Vertical	Pass
6**	17795.000	41.45	6.37	54.0	-12.55	AV	137.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	40.24	-18.96	74.0	-33.76	Peak	165.00	150	Horizontal	Pass
1**	1512.200	31.04	-18.96	54.0	-22.96	AV	165.00	150	Horizontal	Pass
2	2469.400	106.00	-14.36	74.0	32.00	Peak	201.00	150	Horizontal	N/A
2**	2469.400	98.83	-14.36	54.0	44.83	AV	201.00	150	Horizontal	N/A
3	2781.800	50.60	-10.57	74.0	-23.40	Peak	219.00	150	Horizontal	Pass
3**	2781.800	40.51	-10.57	54.0	-13.49	AV	219.00	150	Horizontal	Pass
4	4526.750	47.81	-4.65	74.0	-26.19	Peak	235.00	150	Horizontal	Pass
4**	4526.750	39.18	-4.65	54.0	-14.82	AV	235.00	150	Horizontal	Pass
5	7585.750	53.21	0.05	74.0	-20.79	Peak	33.00	150	Horizontal	Pass
5**	7585.750	44.62	0.05	54.0	-9.38	AV	33.00	150	Horizontal	Pass
6	17799.999	49.51	6.52	74.0	-24.49	Peak	303.00	150	Horizontal	Pass
6**	17799.999	41.55	6.52	54.0	-12.45	AV	303.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.800	41.66	-19.86	74.0	-32.34	Peak	321.00	150	Vertical	Pass
1**	1196.800	29.92	-19.86	54.0	-24.08	AV	321.00	150	Vertical	Pass
2	2469.200	101.72	-14.43	74.0	27.72	Peak	9.00	150	Vertical	N/A
2**	2469.200	94.05	-14.43	54.0	40.05	AV	9.00	150	Vertical	N/A
3	2783.000	49.93	-9.46	74.0	-24.07	Peak	0.00	150	Vertical	Pass
3**	2783.000	41.96	-9.46	54.0	-12.04	AV	0.00	150	Vertical	Pass
4	5171.250	49.44	-4.25	74.0	-24.56	Peak	179.00	150	Vertical	Pass
4**	5171.250	40.71	-4.25	54.0	-13.29	AV	179.00	150	Vertical	Pass
5	7747.250	53.06	-0.91	74.0	-20.94	Peak	323.00	150	Vertical	Pass
5**	7747.250	43.54	-0.91	54.0	-10.46	AV	323.00	150	Vertical	Pass
6	17782.499	49.29	6.00	74.0	-24.71	Peak	77.00	150	Vertical	Pass
6**	17782.499	41.27	6.00	54.0	-12.73	AV	77.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1635.500	40.36	-19.53	74.0	-33.64	Peak	267.00	150	Horizontal	Pass
1**	1635.500	30.64	-19.53	54.0	-23.36	AV	267.00	150	Horizontal	Pass
2	2473.000	106.42	-14.37	74.0	32.42	Peak	233.00	150	Horizontal	N/A
2**	2473.000	100.00	-14.37	54.0	46.00	AV	233.00	150	Horizontal	N/A
3	2782.800	49.60	-9.70	74.0	-24.40	Peak	112.00	150	Horizontal	Pass
3**	2782.800	40.97	-9.70	54.0	-13.03	AV	112.00	150	Horizontal	Pass
4	4750.250	48.32	-4.85	74.0	-25.68	Peak	104.00	150	Horizontal	Pass
4**	4750.250	39.41	-4.85	54.0	-14.59	AV	104.00	150	Horizontal	Pass
5	7723.250	53.31	-1.49	74.0	-20.69	Peak	360.00	150	Horizontal	Pass
5**	7723.250	43.53	-1.49	54.0	-10.47	AV	360.00	150	Horizontal	Pass
6	17785.000	48.30	6.07	74.0	-25.70	Peak	339.00	150	Horizontal	Pass
6**	17785.000	40.76	6.07	54.0	-13.24	AV	339.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1368.800	40.49	-19.31	74.0	-33.51	Peak	355.00	150	Vertical	Pass
1**	1368.800	30.95	-19.31	54.0	-23.05	AV	355.00	150	Vertical	Pass
2	2470.600	101.90	-14.28	74.0	27.90	Peak	164.00	150	Vertical	N/A
2**	2470.600	94.53	-14.28	54.0	40.53	AV	164.00	150	Vertical	N/A
3	2785.900	49.97	-10.07	74.0	-24.03	Peak	346.00	150	Vertical	Pass
3**	2785.900	41.57	-10.07	54.0	-12.43	AV	346.00	150	Vertical	Pass
4	4954.250	49.63	-3.78	74.0	-24.37	Peak	173.00	150	Vertical	Pass
4**	4954.250	40.74	-3.78	54.0	-13.26	AV	173.00	150	Vertical	Pass
5	7910.250	54.99	-0.28	74.0	-19.01	Peak	23.00	150	Vertical	Pass
5**	7910.250	44.38	-0.28	54.0	-9.62	AV	23.00	150	Vertical	Pass
6	17797.501	49.00	6.45	74.0	-25.00	Peak	230.00	150	Vertical	Pass
6**	17797.501	41.73	6.45	54.0	-12.27	AV	230.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.200	40.25	-18.90	74.0	-33.75	Peak	254.00	150	Horizontal	Pass
1**	1515.200	31.15	-18.90	54.0	-22.85	AV	254.00	150	Horizontal	Pass
2	2414.000	105.71	-14.72	74.0	31.71	Peak	254.00	150	Horizontal	N/A
2**	2414.000	98.72	-14.72	54.0	44.72	AV	254.00	150	Horizontal	N/A
3	2782.100	50.78	-10.15	74.0	-23.22	Peak	16.00	150	Horizontal	Pass
3**	2782.100	40.94	-10.15	54.0	-13.06	AV	16.00	150	Horizontal	Pass
4	4651.750	48.04	-5.06	74.0	-25.96	Peak	135.00	150	Horizontal	Pass
4**	4651.750	39.96	-5.06	54.0	-14.04	AV	135.00	150	Horizontal	Pass
5	7915.250	53.25	-0.47	74.0	-20.75	Peak	223.00	150	Horizontal	Pass
5**	7915.250	43.24	-0.47	54.0	-10.76	AV	223.00	150	Horizontal	Pass
6	17797.501	49.16	6.45	74.0	-24.84	Peak	194.00	150	Horizontal	Pass
6**	17797.501	41.34	6.45	54.0	-12.66	AV	194.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	41.00	-19.31	74.0	-33.00	Peak	314.00	150	Vertical	Pass
1**	1544.400	31.33	-19.31	54.0	-22.67	AV	314.00	150	Vertical	Pass
2	2410.100	99.08	-15.32	74.0	25.08	Peak	0.00	150	Vertical	N/A
2**	2410.100	89.99	-15.32	54.0	35.99	AV	0.00	150	Vertical	N/A
3	2786.100	49.70	-10.05	74.0	-24.30	Peak	221.00	150	Vertical	Pass
3**	2786.100	40.71	-10.05	54.0	-13.29	AV	221.00	150	Vertical	Pass
4	4820.750	49.61	-6.29	74.0	-24.39	Peak	206.00	150	Vertical	Pass
4**	4820.750	39.90	-6.29	54.0	-14.10	AV	206.00	150	Vertical	Pass
5	7767.500	53.24	-0.33	74.0	-20.76	Peak	294.00	150	Vertical	Pass
5**	7767.500	44.19	-0.33	54.0	-9.81	AV	294.00	150	Vertical	Pass
6	17775.000	48.69	5.77	74.0	-25.31	Peak	43.00	150	Vertical	Pass
6**	17775.000	40.37	5.77	54.0	-13.63	AV	43.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	40.47	-19.53	74.0	-33.53	Peak	40.00	150	Horizontal	Pass
1**	1331.200	30.67	-19.53	54.0	-23.33	AV	40.00	150	Horizontal	Pass
2	2438.600	105.00	-14.66	74.0	31.00	Peak	261.00	150	Horizontal	N/A
2**	2438.600	97.41	-14.66	54.0	43.41	AV	261.00	150	Horizontal	N/A
3	2791.500	50.04	-11.04	74.0	-23.96	Peak	278.00	150	Horizontal	Pass
3**	2791.500	40.38	-11.04	54.0	-13.62	AV	278.00	150	Horizontal	Pass
4	4976.500	49.55	-3.89	74.0	-24.45	Peak	0.00	150	Horizontal	Pass
4**	4976.500	39.76	-3.89	54.0	-14.24	AV	0.00	150	Horizontal	Pass
5	7756.250	52.99	0.06	74.0	-21.01	Peak	127.00	150	Horizontal	Pass
5**	7756.250	44.60	0.06	54.0	-9.40	AV	127.00	150	Horizontal	Pass
6	17787.501	48.93	6.15	74.0	-25.07	Peak	227.00	150	Horizontal	Pass
6**	17787.501	41.24	6.15	54.0	-12.76	AV	227.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) 6 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	41.34	-19.32	74.0	-32.66	Peak	123.00	150	Vertical	Pass
1**	1329.000	31.14	-19.32	54.0	-22.86	AV	123.00	150	Vertical	Pass
2	2438.100	97.92	-14.58	74.0	23.92	Peak	166.00	150	Vertical	N/A
2**	2438.100	90.54	-14.58	54.0	36.54	AV	166.00	150	Vertical	N/A
3	2785.700	50.02	-10.09	74.0	-23.98	Peak	199.00	150	Vertical	Pass
3**	2785.700	42.21	-10.09	54.0	-11.79	AV	199.00	150	Vertical	Pass
4	4874.500	49.00	-6.13	74.0	-25.00	Peak	173.00	150	Vertical	Pass
4**	4874.500	40.82	-6.13	54.0	-13.18	AV	173.00	150	Vertical	Pass
5	7752.750	53.45	-0.30	74.0	-20.55	Peak	260.00	150	Vertical	Pass
5**	7752.750	44.43	-0.30	54.0	-9.57	AV	260.00	150	Vertical	Pass
6	17535.001	47.63	6.21	74.0	-26.37	Peak	0.00	150	Vertical	Pass
6**	17535.001	40.56	6.21	54.0	-13.44	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	40.42	-18.74	74.0	-33.58	Peak	176.00	150	Horizontal	Pass
1**	1497.000	31.57	-18.74	54.0	-22.43	AV	176.00	150	Horizontal	Pass
2	2462.900	105.20	-13.48	74.0	31.20	Peak	236.00	150	Horizontal	N/A
2**	2462.900	98.32	-13.48	54.0	44.32	AV	236.00	150	Horizontal	N/A
3	2786.900	50.53	-10.22	74.0	-23.47	Peak	110.00	150	Horizontal	Pass
3**	2786.900	41.53	-10.22	54.0	-12.47	AV	110.00	150	Horizontal	Pass
4	4660.500	48.20	-6.05	74.0	-25.80	Peak	293.00	150	Horizontal	Pass
4**	4660.500	37.94	-6.05	54.0	-16.06	AV	293.00	150	Horizontal	Pass
5	7504.750	53.09	-0.54	74.0	-20.91	Peak	206.00	150	Horizontal	Pass
5**	7504.750	43.23	-0.54	54.0	-10.77	AV	206.00	150	Horizontal	Pass
6	17795.000	48.50	6.37	74.0	-25.50	Peak	291.00	150	Horizontal	Pass
6**	17795.000	41.75	6.37	54.0	-12.25	AV	291.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) 11 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.000	40.81	-19.33	74.0	-33.19	Peak	56.00	150	Vertical	Pass
1**	1517.000	31.74	-19.33	54.0	-22.26	AV	56.00	150	Vertical	Pass
2	2460.700	98.49	-13.74	74.0	24.49	Peak	156.00	150	Vertical	N/A
2**	2460.700	91.19	-13.74	54.0	37.19	AV	156.00	150	Vertical	N/A
3	2782.400	50.32	-9.91	74.0	-23.68	Peak	31.00	150	Vertical	Pass
3**	2782.400	41.37	-9.91	54.0	-12.63	AV	31.00	150	Vertical	Pass
4	4682.500	48.06	-5.71	74.0	-25.94	Peak	360.00	150	Vertical	Pass
4**	4682.500	38.70	-5.71	54.0	-15.30	AV	360.00	150	Vertical	Pass
5	7986.000	52.89	0.68	74.0	-21.11	Peak	310.00	150	Vertical	Pass
5**	7986.000	44.76	0.68	54.0	-9.24	AV	310.00	150	Vertical	Pass
6	17835.000	49.03	5.57	74.0	-24.97	Peak	160.00	150	Vertical	Pass
6**	17835.000	40.82	5.57	54.0	-13.18	AV	160.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1425.200	40.18	-19.32	74.0	-33.82	Peak	340.00	150	Horizontal	Pass
1**	1425.200	30.27	-19.32	54.0	-23.73	AV	340.00	150	Horizontal	Pass
2	2468.300	104.48	-14.29	74.0	30.48	Peak	237.00	150	Horizontal	N/A
2**	2468.300	97.07	-14.29	54.0	43.07	AV	237.00	150	Horizontal	N/A
3	2783.200	49.93	-9.54	74.0	-24.07	Peak	40.00	150	Horizontal	Pass
3**	2783.200	41.79	-9.54	54.0	-12.21	AV	40.00	150	Horizontal	Pass
4	4991.750	48.59	-4.24	74.0	-25.41	Peak	237.00	150	Horizontal	Pass
4**	4991.750	39.53	-4.24	54.0	-14.47	AV	237.00	150	Horizontal	Pass
5	7322.750	53.72	-1.56	74.0	-20.28	Peak	166.00	150	Horizontal	Pass
5**	7322.750	43.64	-1.56	54.0	-10.36	AV	166.00	150	Horizontal	Pass
6	17797.501	48.86	6.45	74.0	-25.14	Peak	0.00	150	Horizontal	Pass
6**	17797.501	41.41	6.45	54.0	-12.59	AV	0.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) 12 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.500	40.26	-19.38	74.0	-33.74	Peak	290.00	150	Vertical	Pass
1**	1372.500	31.08	-19.38	54.0	-22.92	AV	290.00	150	Vertical	Pass
2	2468.300	98.51	-14.29	74.0	24.51	Peak	4.00	150	Vertical	N/A
2**	2468.300	91.98	-14.29	54.0	37.98	AV	4.00	150	Vertical	N/A
3	2783.500	50.21	-10.15	74.0	-23.79	Peak	126.00	150	Vertical	Pass
3**	2783.500	40.90	-10.15	54.0	-13.10	AV	126.00	150	Vertical	Pass
4	4972.500	49.22	-3.27	74.0	-24.78	Peak	104.00	150	Vertical	Pass
4**	4972.500	40.64	-3.27	54.0	-13.36	AV	104.00	150	Vertical	Pass
5	7580.500	53.29	-0.05	74.0	-20.71	Peak	360.00	150	Vertical	Pass
5**	7580.500	44.53	-0.05	54.0	-9.47	AV	360.00	150	Vertical	Pass
6	17780.001	49.25	5.92	74.0	-24.75	Peak	176.00	150	Vertical	Pass
6**	17780.001	41.35	5.92	54.0	-12.65	AV	176.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.100	40.20	-18.93	74.0	-33.80	Peak	121.00	150	Horizontal	Pass
1**	1352.100	31.23	-18.93	54.0	-22.77	AV	121.00	150	Horizontal	Pass
2	2470.800	104.47	-14.36	74.0	30.47	Peak	234.00	150	Horizontal	N/A
2**	2470.800	97.34	-14.36	54.0	43.34	AV	234.00	150	Horizontal	N/A
3	2777.700	50.37	-10.37	74.0	-23.63	Peak	345.00	150	Horizontal	Pass
3**	2777.700	41.25	-10.37	54.0	-12.75	AV	345.00	150	Horizontal	Pass
4	4760.500	48.70	-5.46	74.0	-25.30	Peak	233.00	150	Horizontal	Pass
4**	4760.500	38.92	-5.46	54.0	-15.08	AV	233.00	150	Horizontal	Pass
5	7928.500	53.28	-0.33	74.0	-20.72	Peak	32.00	150	Horizontal	Pass
5**	7928.500	44.37	-0.33	54.0	-9.63	AV	32.00	150	Horizontal	Pass
6	17799.999	48.61	6.52	74.0	-25.39	Peak	346.00	150	Horizontal	Pass
6**	17799.999	42.36	6.52	54.0	-11.64	AV	346.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) 13 Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.600	41.12	-19.87	74.0	-32.88	Peak	221.00	150	Vertical	Pass
1**	1447.600	30.41	-19.87	54.0	-23.59	AV	221.00	150	Vertical	Pass
2	2472.900	99.08	-14.08	74.0	25.08	Peak	169.00	150	Vertical	N/A
2**	2472.900	91.29	-14.08	54.0	37.29	AV	169.00	150	Vertical	N/A
3	2782.800	50.57	-9.70	74.0	-23.43	Peak	38.00	150	Vertical	Pass
3**	2782.800	41.45	-9.70	54.0	-12.55	AV	38.00	150	Vertical	Pass
4	4959.000	48.81	-3.55	74.0	-25.19	Peak	327.00	150	Vertical	Pass
4**	4959.000	39.15	-3.55	54.0	-14.85	AV	327.00	150	Vertical	Pass
5	7779.750	53.10	-1.11	74.0	-20.90	Peak	145.00	150	Vertical	Pass
5**	7779.750	43.50	-1.11	54.0	-10.50	AV	145.00	150	Vertical	Pass
6	17795.000	48.37	6.37	74.0	-25.63	Peak	267.00	150	Vertical	Pass
6**	17795.000	43.47	6.37	54.0	-10.53	AV	267.00	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	1519.200	41.12	-19.14	74.0	-32.88	Peak	257.00	150	Horizontal	Pass
1**	1519.200	30.87	-19.14	54.0	-23.13	AV	257.00	150	Horizontal	Pass
2	2402.200	100.23	-14.91	74.0	26.23	Peak	248.00	150	Horizontal	N/A
2**	2402.200	99.46	-14.91	54.0	45.46	AV	248.00	150	Horizontal	N/A
3	2460.800	96.37	-13.69	74.0	22.37	Peak	107.00	150	Horizontal	N/A
3**	2460.800	93.45	-13.69	54.0	39.45	AV	107.00	150	Horizontal	N/A
4	4003.500	46.70	-7.80	74.0	-27.30	Peak	200.00	150	Horizontal	Pass
4**	4003.500	42.61	-7.80	54.0	-11.39	AV	200.00	150	Horizontal	Pass
5	7866.500	53.50	-0.64	74.0	-20.50	Peak	69.00	150	Horizontal	Pass
5**	7866.500	44.60	-0.64	54.0	-9.40	AV	69.00	150	Horizontal	Pass
6	17827.500	48.53	5.78	74.0	-25.47	Peak	77.00	150	Horizontal	Pass
6**	17827.500	41.45	5.78	54.0	-12.55	AV	77.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V

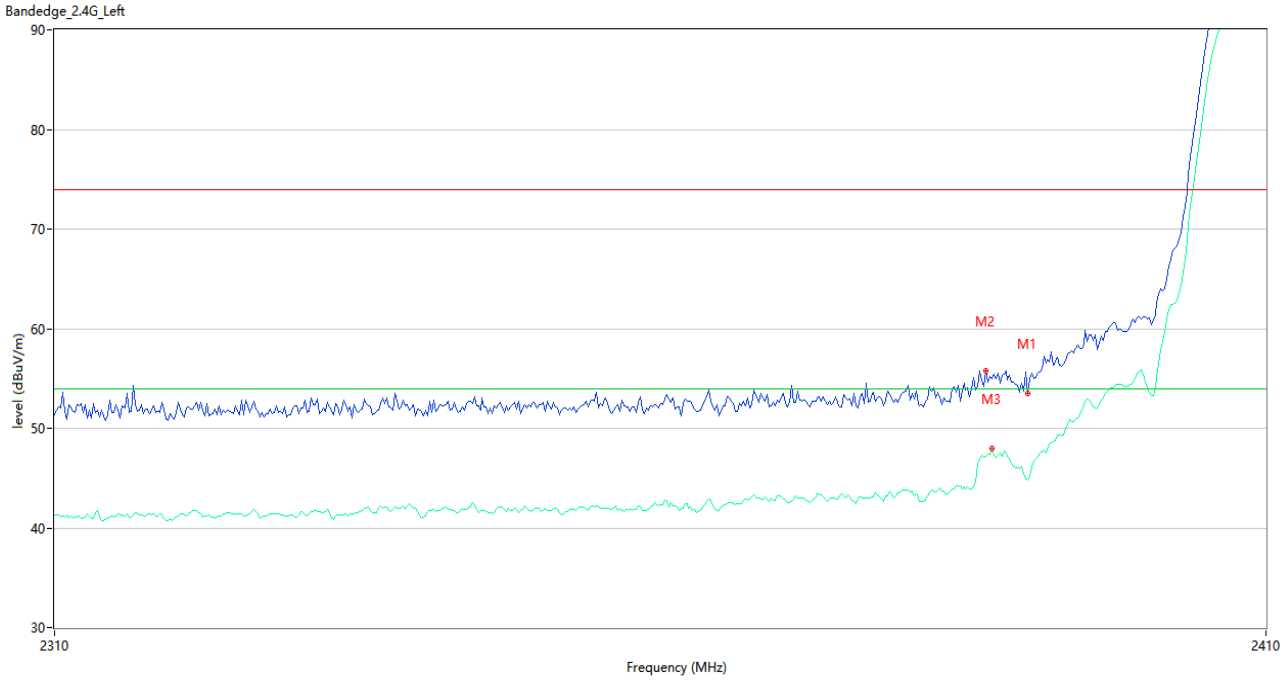
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.200	41.48	-20.95	74.0	-32.52	Peak	276.00	150	Vertical	Pass
1**	1080.200	34.67	-20.95	54.0	-19.33	AV	276.00	150	Vertical	Pass
2	2402.300	92.77	-14.83	74.0	18.77	Peak	24.00	150	Vertical	N/A
2**	2402.300	92.61	-14.83	54.0	38.61	AV	24.00	150	Vertical	N/A
3	2467.100	44.49	-14.13	74.0	-29.51	Peak	93.00	150	Vertical	N/A
3**	2467.100	85.84	-14.13	54.0	31.84	AV	93.00	150	Vertical	N/A
4	4003.500	48.83	-7.80	74.0	-25.17	Peak	192.00	150	Vertical	Pass
4**	4003.500	45.49	-7.80	54.0	-8.51	AV	192.00	150	Vertical	Pass
5	7234.750	53.27	-2.67	74.0	-20.73	Peak	28.00	150	Vertical	Pass
5**	7234.750	42.76	-2.67	54.0	-11.24	AV	28.00	150	Vertical	Pass
6	17575.000	48.40	6.18	74.0	-25.60	Peak	216.00	150	Vertical	Pass
6**	17575.000	40.60	6.18	54.0	-13.40	AV	216.00	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.

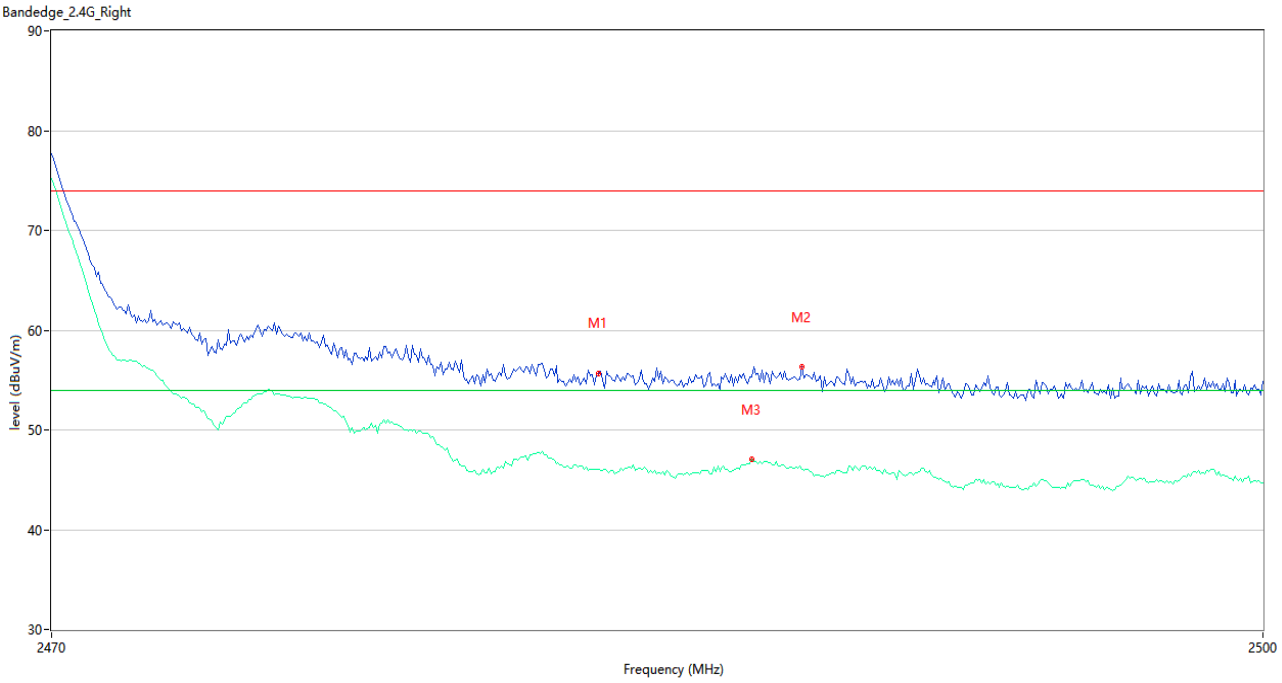
Test Data and Plots

802.11b 1 CHANNEL



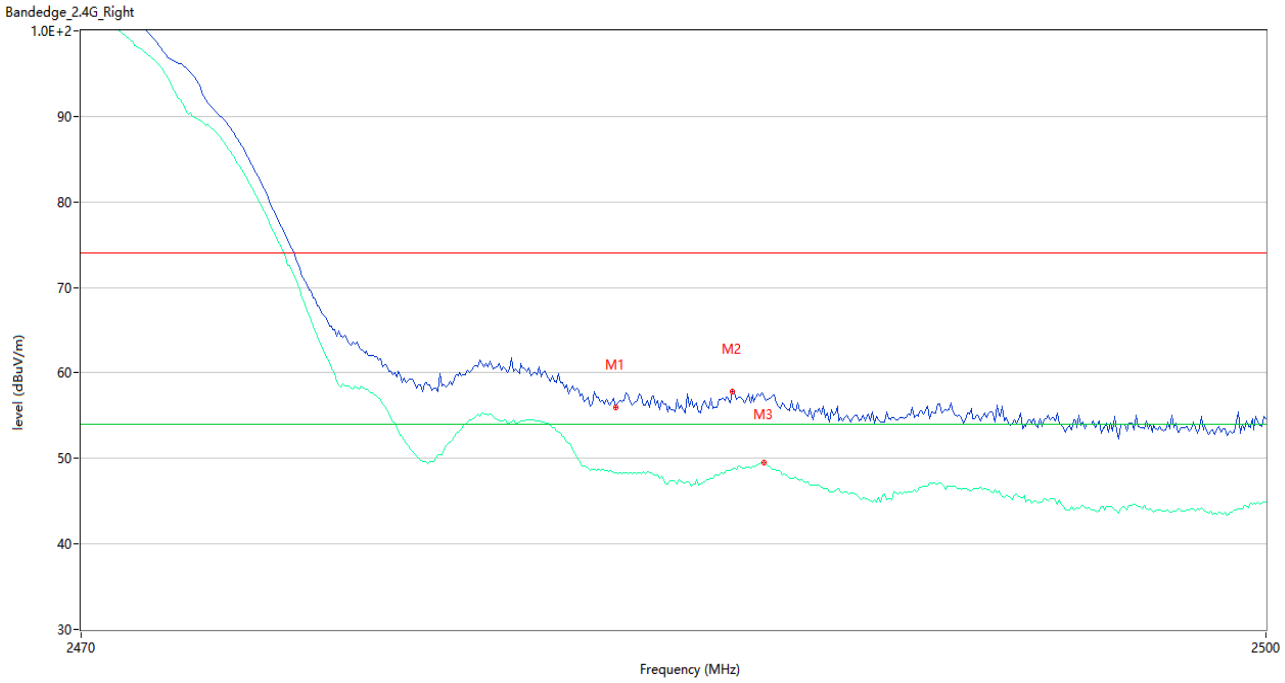
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	53.53	-3.52	74.0	-20.47	Peak	237.00	150	Horizontal	Pass
1**	2390.000	44.83	-3.52	54.0	-9.17	AV	237.00	150	Horizontal	Pass
2	2386.500	55.81	-2.91	74.0	-18.19	Peak	244.00	150	Horizontal	Pass
2**	2386.500	47.16	-2.91	54.0	-6.84	AV	244.00	150	Horizontal	Pass
3	2387.000	55.02	-2.66	74.0	-18.98	Peak	223.00	150	Horizontal	Pass
3**	2387.000	47.91	-2.66	54.0	-6.09	AV	223.00	150	Horizontal	Pass

802.11b 11 CHANNEL



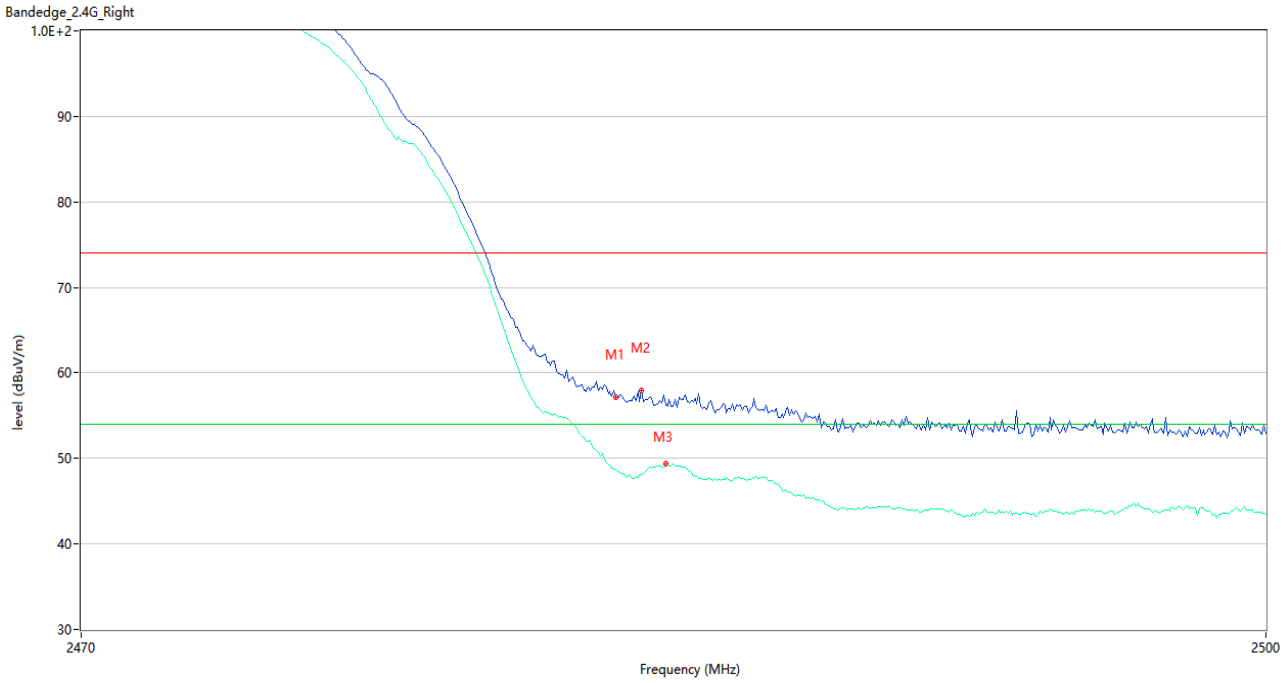
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.63	-2.54	74.0	-18.37	Peak	230.00	150	Horizontal	Pass
1**	2483.500	46.06	-2.54	54.0	-7.94	AV	230.00	150	Horizontal	Pass
2	2488.550	56.29	-2.51	74.0	-17.71	Peak	239.00	150	Horizontal	Pass
2**	2488.550	46.06	-2.51	54.0	-7.94	AV	239.00	150	Horizontal	Pass
3	2487.300	55.35	-2.45	74.0	-18.65	Peak	261.00	150	Horizontal	Pass
3**	2487.300	47.03	-2.45	54.0	-6.97	AV	261.00	150	Horizontal	Pass

802.11b 12 CHANNEL



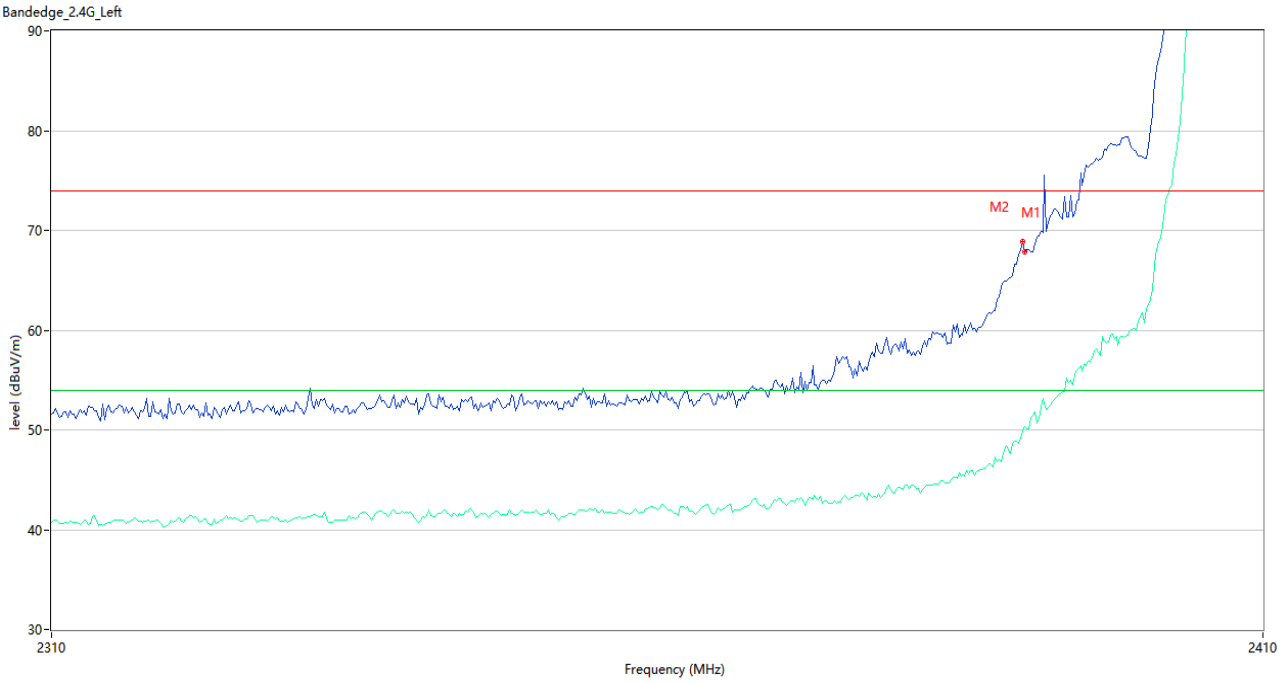
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.99	-2.54	74.0	-18.01	Peak	200.00	150	Horizontal	Pass
1**	2483.500	48.34	-2.54	54.0	-5.66	AV	200.00	150	Horizontal	Pass
2	2486.450	57.85	-2.75	74.0	-16.15	Peak	260.00	150	Horizontal	Pass
2**	2486.450	48.68	-2.75	54.0	-5.32	AV	260.00	150	Horizontal	Pass
3	2487.250	57.33	-2.50	74.0	-16.67	Peak	243.00	150	Horizontal	Pass
3**	2487.250	49.54	-2.50	54.0	-4.46	AV	243.00	150	Horizontal	Pass

802.11b 13 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	57.15	-2.54	74.0	-16.85	Peak	245.00	150	Horizontal	Pass
1**	2483.500	48.71	-2.54	54.0	-5.29	AV	245.00	150	Horizontal	Pass
2	2484.150	57.91	-2.55	74.0	-16.09	Peak	248.00	150	Horizontal	Pass
2**	2484.150	48.09	-2.55	54.0	-5.91	AV	248.00	150	Horizontal	Pass
3	2484.750	56.28	-2.69	74.0	-17.72	Peak	243.00	150	Horizontal	Pass
3**	2484.750	49.34	-2.69	54.0	-4.66	AV	243.00	150	Horizontal	Pass

802.11g 1 CHANNEL

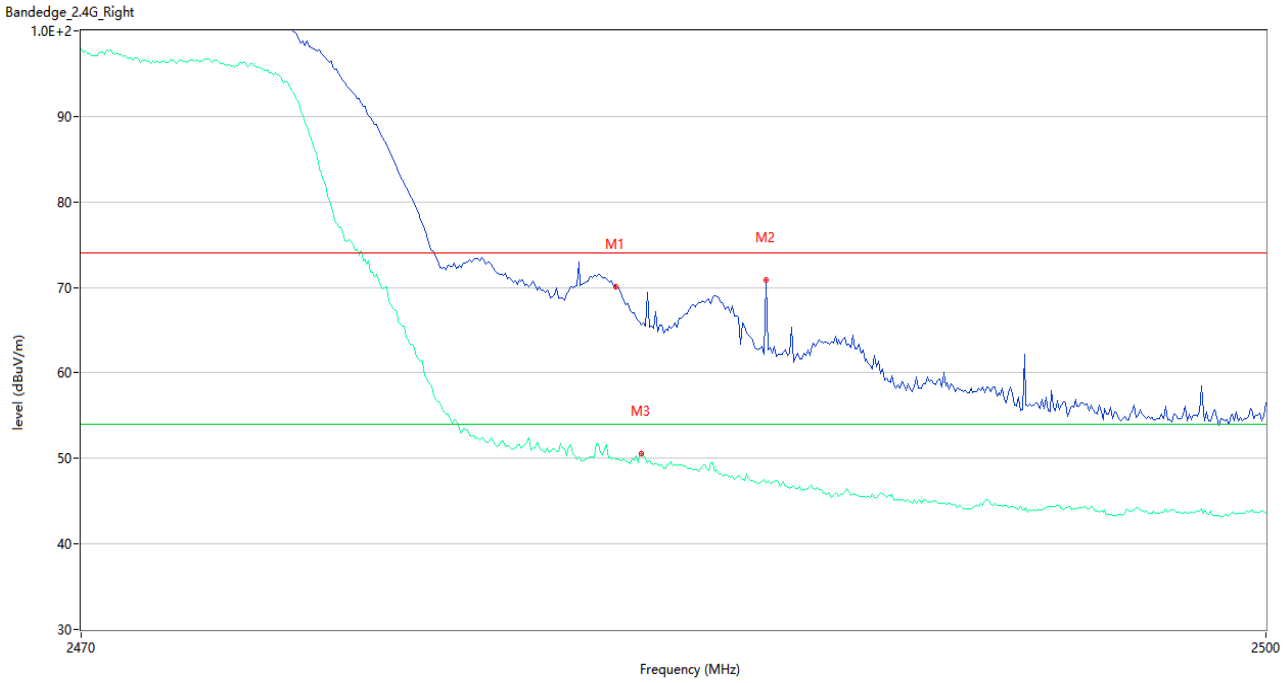


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.90	-3.52	74.0	-6.10	Peak	226.00	150	Horizontal	Pass
1**	2390.000	50.30	-3.52	54.0	-3.70	AV	226.00	150	Horizontal	Pass
2	2389.833	68.83	-3.45	74.0	-5.17	Peak	226.00	150	Horizontal	Pass
2**	2389.833	49.91	-3.45	54.0	-4.09	AV	226.00	150	Horizontal	Pass

802.11g 11 CHANNEL

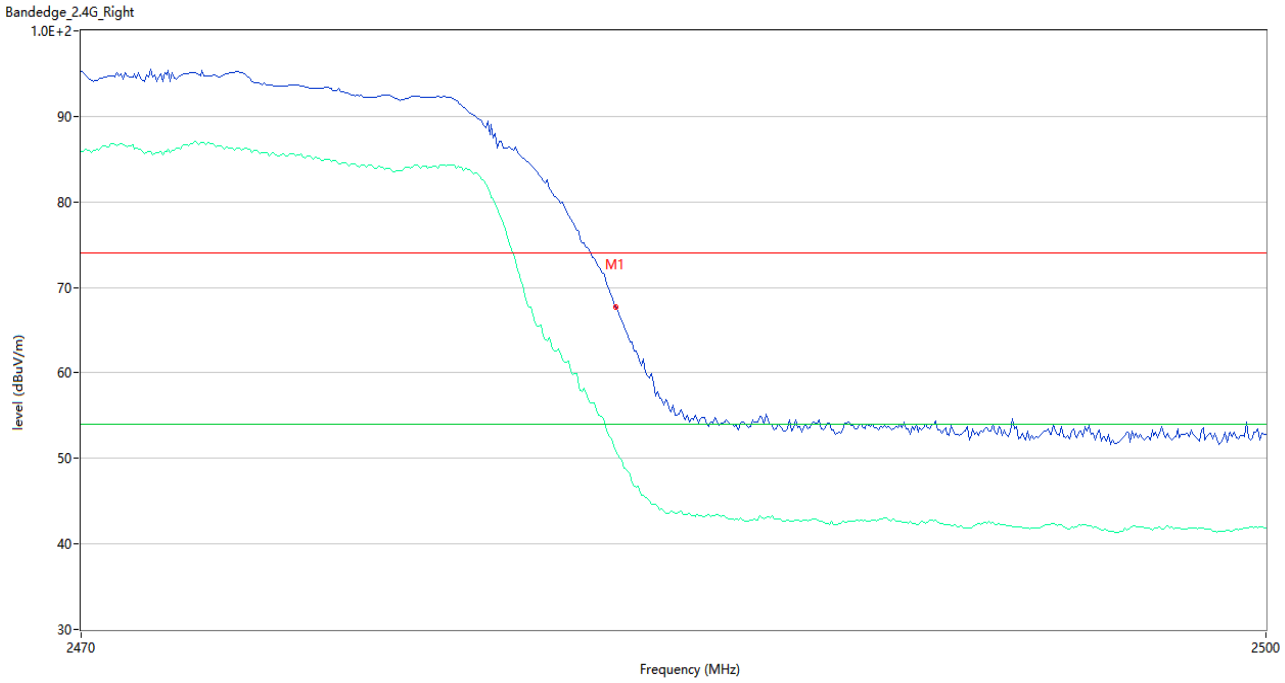
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.06	-2.54	74.0	-3.94	Peak	233.00	150	Horizontal	Pass
1**	2483.500	49.61	-2.54	54.0	-4.39	AV	233.00	150	Horizontal	Pass
2	2483.900	70.94	-2.72	74.0	-3.06	Peak	236.00	150	Horizontal	Pass
2**	2483.900	49.80	-2.72	54.0	-4.20	AV	236.00	150	Horizontal	Pass
3	2483.700	68.77	-2.63	74.0	-5.23	Peak	247.00	150	Horizontal	Pass
3**	2483.700	50.06	-2.63	54.0	-3.94	AV	247.00	150	Horizontal	Pass

802.11g 12 CHANNEL



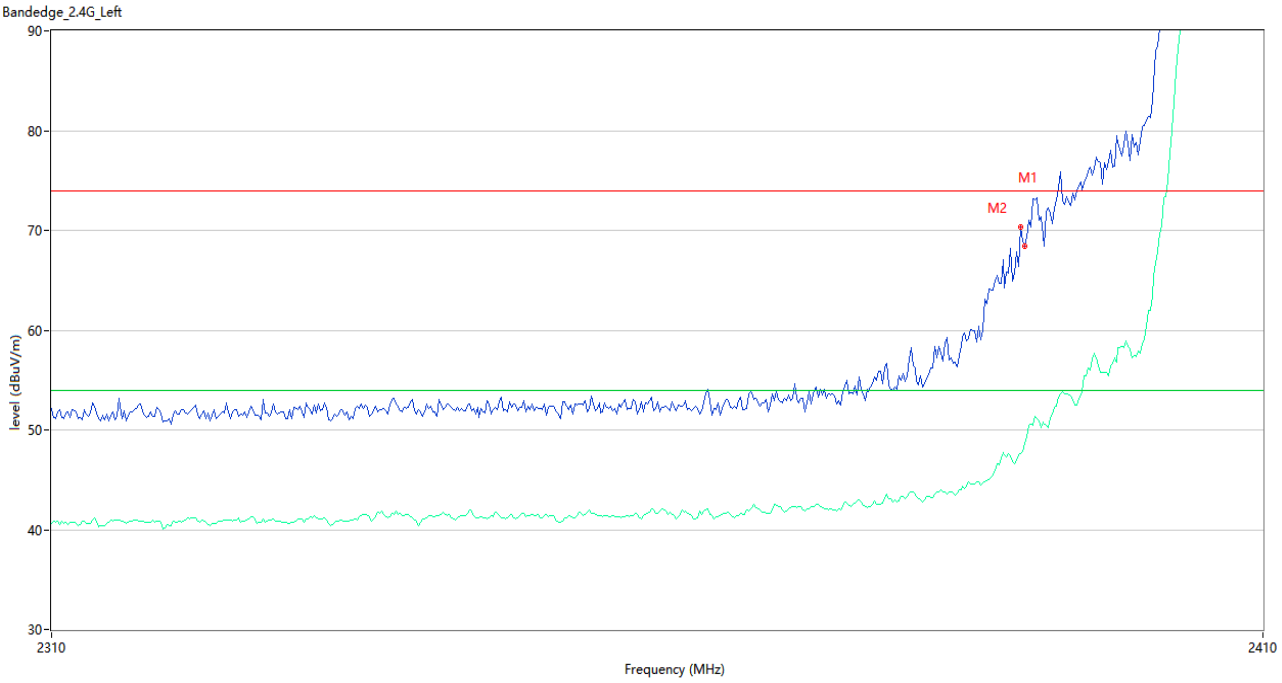
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	70.04	-2.54	74.0	-3.96	Peak	236.00	150	Horizontal	Pass
1**	2483.500	49.87	-2.54	54.0	-4.13	AV	236.00	150	Horizontal	Pass
2	2487.300	70.86	-2.45	74.0	-3.14	Peak	236.00	150	Horizontal	Pass
2**	2487.300	47.09	-2.45	54.0	-6.91	AV	236.00	150	Horizontal	Pass
3	2484.150	65.57	-2.55	74.0	-8.43	Peak	236.00	150	Horizontal	Pass
3**	2484.150	50.56	-2.55	54.0	-3.44	AV	236.00	150	Horizontal	Pass

802.11g 13 CHANNEL



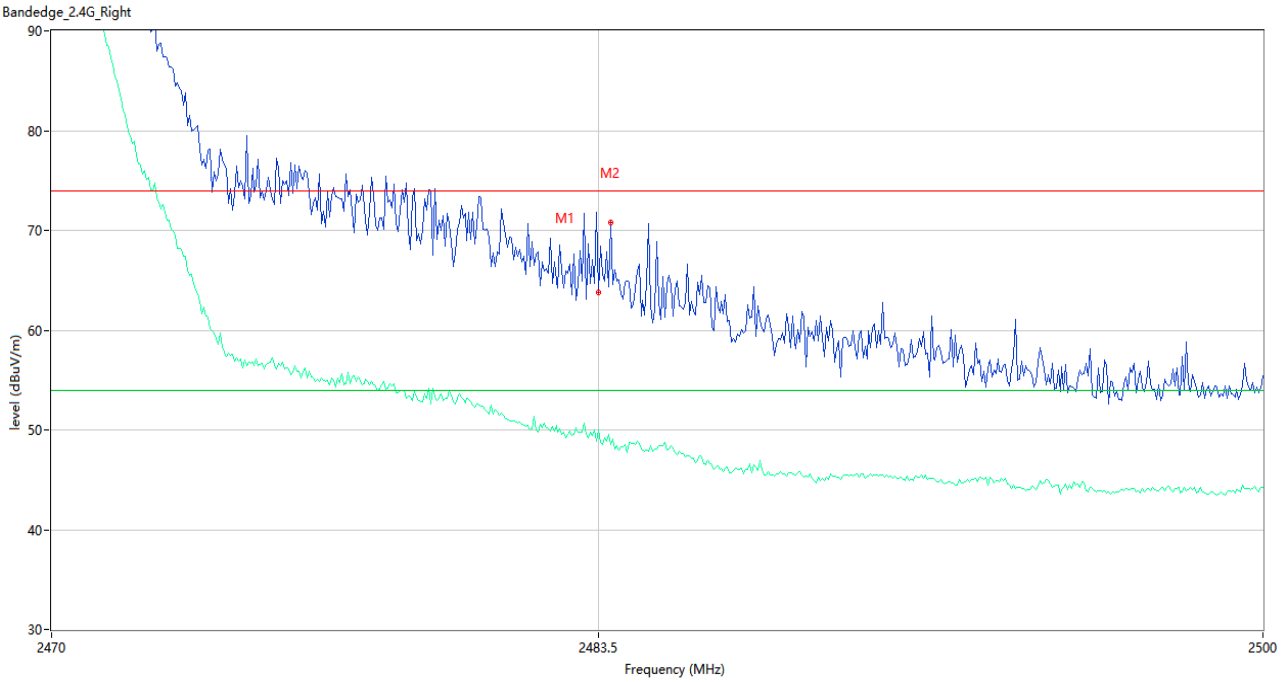
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.69	-2.54	74.0	-6.31	Peak	247.00	150	Horizontal	Pass
1**	2483.500	50.77	-2.54	54.0	-3.23	AV	247.00	150	Horizontal	Pass

802.11n20 1 CHANNEL



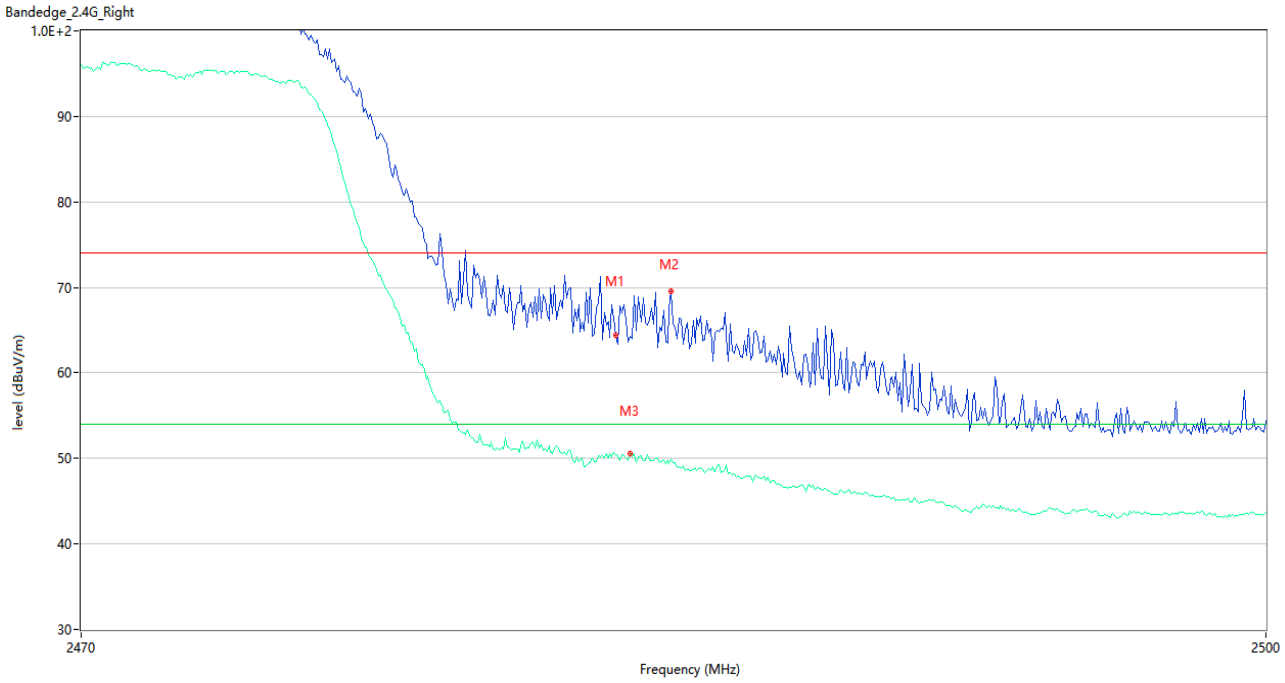
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	68.42	-3.52	74.0	-5.58	Peak	216.00	150	Horizontal	Pass
1**	2390.000	48.66	-3.52	54.0	-5.34	AV	216.00	150	Horizontal	Pass
2	2389.667	70.39	-3.36	74.0	-3.61	Peak	216.00	150	Horizontal	Pass
2**	2389.667	47.61	-3.36	54.0	-6.39	AV	216.00	150	Horizontal	Pass

802.11n20 11 CHANNEL



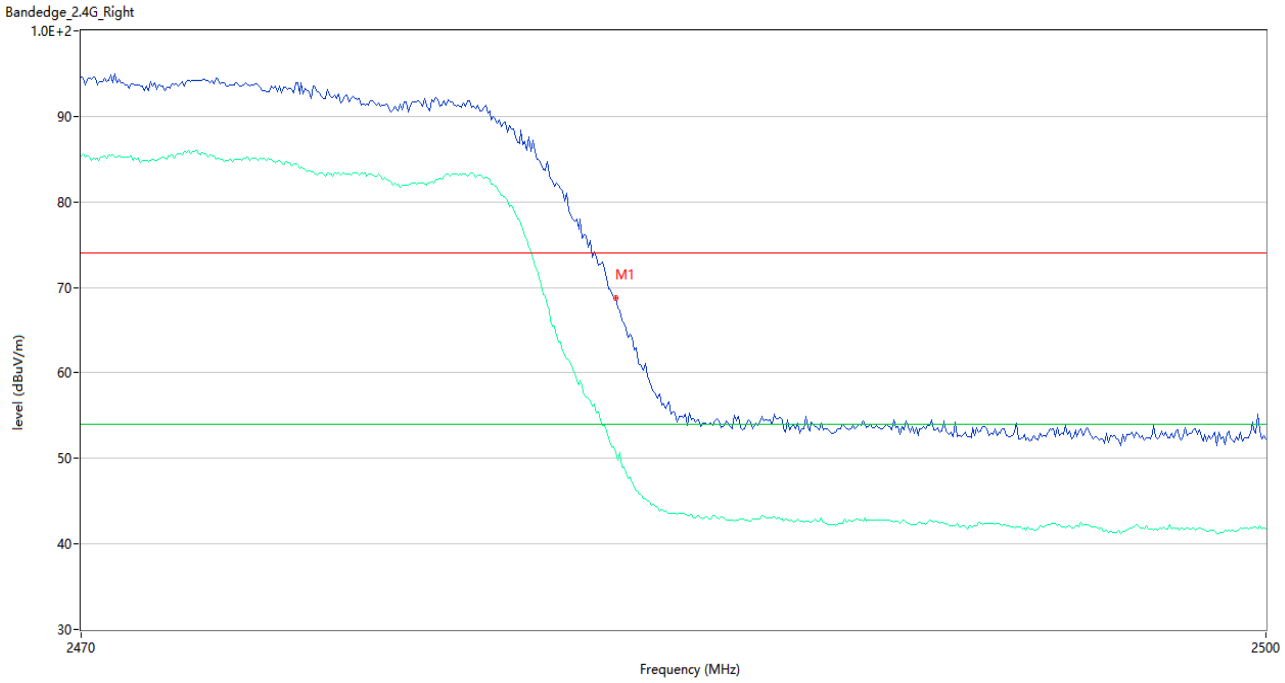
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.80	-2.54	74.0	-10.20	Peak	182.00	150	Horizontal	Pass
1**	2483.500	49.99	-2.54	54.0	-4.01	AV	182.00	150	Horizontal	Pass
2	2483.800	70.76	-2.68	74.0	-3.24	Peak	241.00	150	Horizontal	Pass
2**	2483.800	48.49	-2.68	54.0	-5.51	AV	241.00	150	Horizontal	Pass

802.11n20 12 CHANNEL



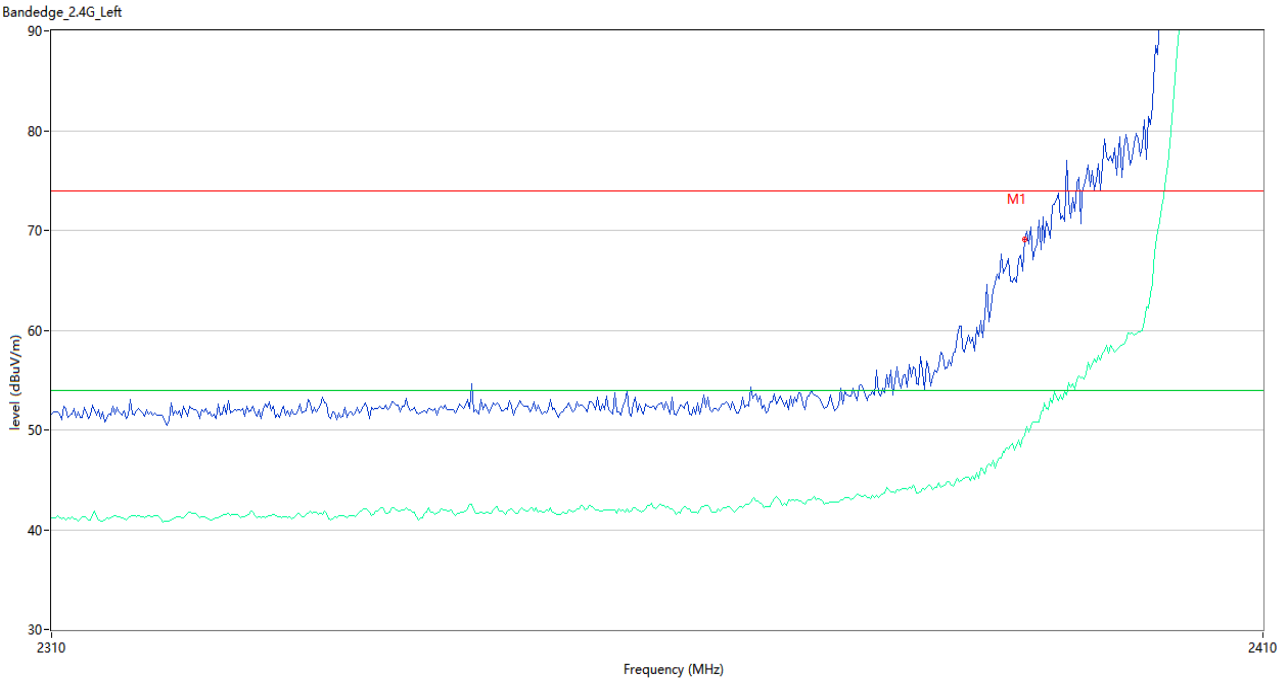
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.36	-2.54	74.0	-9.64	Peak	236.00	150	Horizontal	Pass
1**	2483.500	50.46	-2.54	54.0	-3.54	AV	236.00	150	Horizontal	Pass
2	2484.900	69.59	-2.59	74.0	-4.41	Peak	264.00	150	Horizontal	Pass
2**	2484.900	49.84	-2.59	54.0	-4.16	AV	264.00	150	Horizontal	Pass
3	2483.850	64.26	-2.70	74.0	-9.74	Peak	267.00	150	Horizontal	Pass
3**	2483.850	50.61	-2.70	54.0	-3.39	AV	267.00	150	Horizontal	Pass

802.11n20 13 CHANNEL



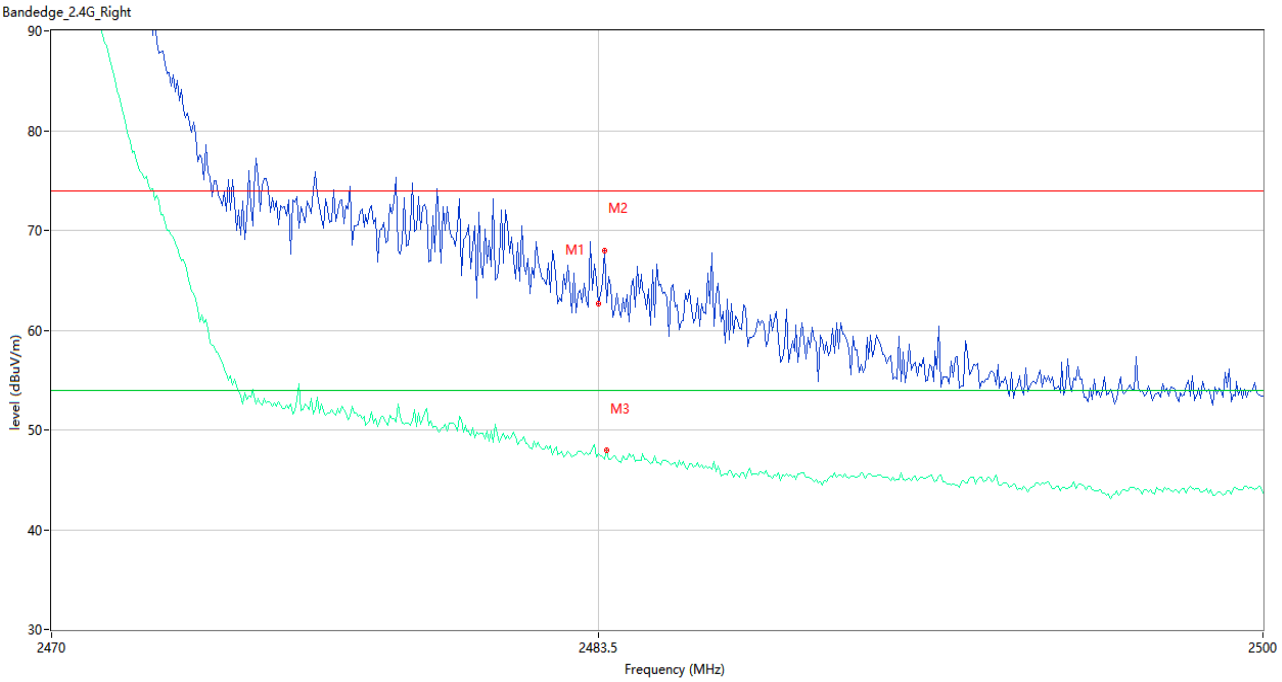
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.70	-2.54	74.0	-5.30	Peak	232.00	150	Horizontal	Pass
1**	2483.500	50.85	-2.54	54.0	-3.15	AV	232.00	150	Horizontal	Pass

802.11ax20(SU) 1 CHANNEL



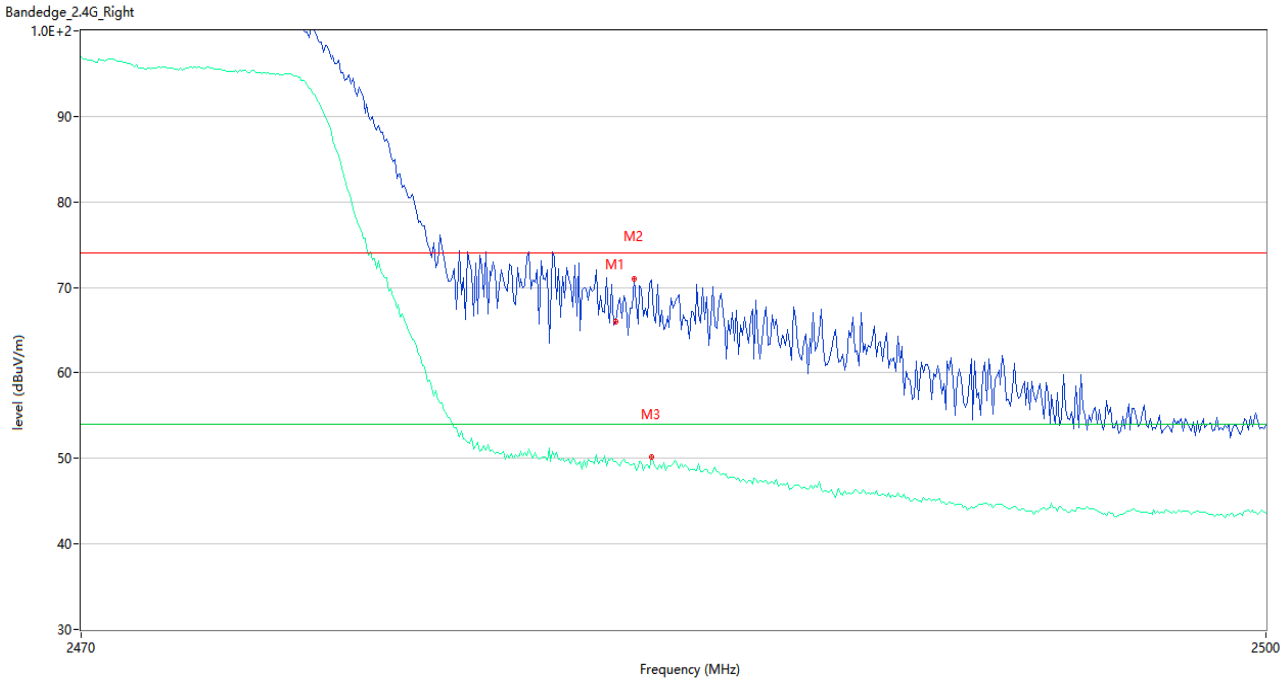
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	69.15	-3.52	74.0	-4.85	Peak	249.00	150	Horizontal	Pass
1**	2390.000	49.44	-3.52	54.0	-4.56	AV	249.00	150	Horizontal	Pass

802.11 ax20(SU) 11 CHANNEL



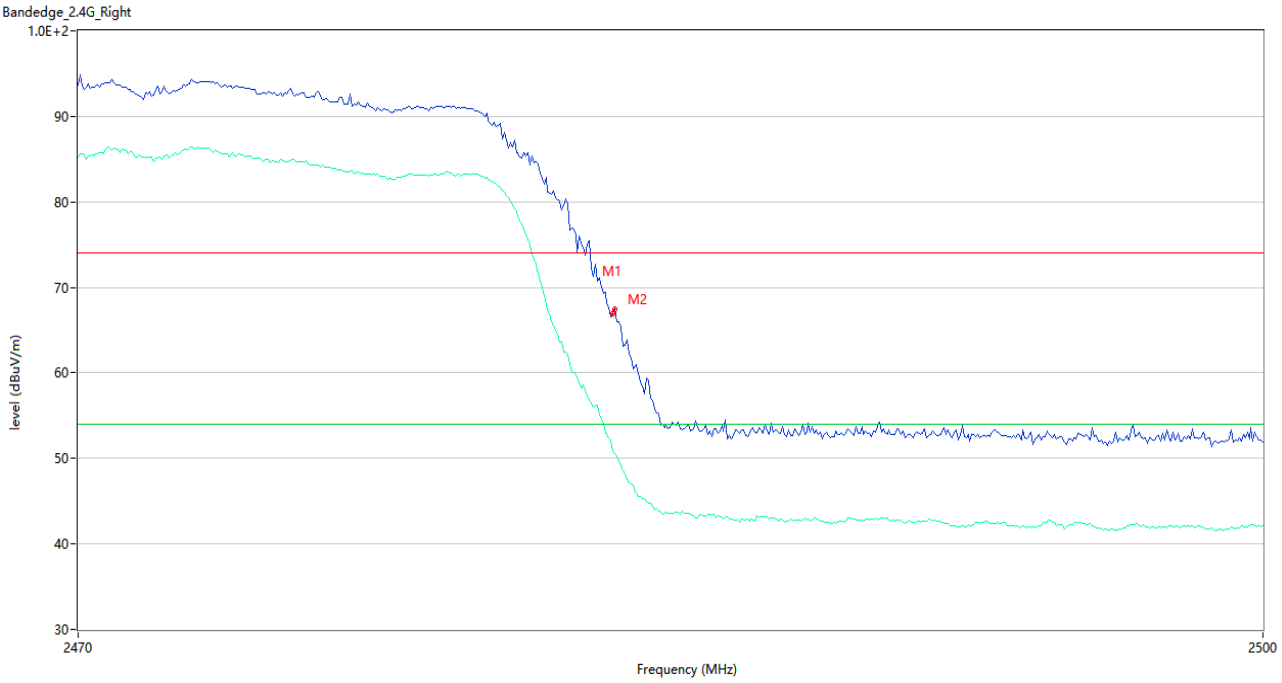
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.69	-2.54	74.0	-11.31	Peak	227.00	150	Horizontal	Pass
1**	2483.500	47.59	-2.54	54.0	-6.41	AV	227.00	150	Horizontal	Pass
2	2483.650	68.01	-2.61	74.0	-5.99	Peak	200.00	150	Horizontal	Pass
2**	2483.650	47.03	-2.61	54.0	-6.97	AV	200.00	150	Horizontal	Pass
3	2483.700	62.82	-2.63	74.0	-11.18	Peak	235.00	150	Horizontal	Pass
3**	2483.700	47.98	-2.63	54.0	-6.02	AV	235.00	150	Horizontal	Pass

802.11ax20(SU) 12 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	66.04	-2.54	74.0	-7.96	Peak	278.00	150	Horizontal	Pass
1**	2483.500	49.58	-2.54	54.0	-4.42	AV	278.00	150	Horizontal	Pass
2	2483.950	71.00	-2.70	74.0	-3.00	Peak	251.00	150	Horizontal	Pass
2**	2483.950	49.34	-2.70	54.0	-4.66	AV	251.00	150	Horizontal	Pass
3	2484.400	70.89	-2.45	74.0	-3.11	Peak	192.00	150	Horizontal	Pass
3**	2484.400	50.20	-2.45	54.0	-3.80	AV	192.00	150	Horizontal	Pass

802.11 ax20(SU) 13 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	66.96	-2.54	74.0	-7.04	Peak	238.00	150	Horizontal	Pass
1**	2483.500	50.87	-2.54	54.0	-3.13	AV	238.00	150	Horizontal	Pass
2	2483.550	67.42	-2.56	74.0	-6.58	Peak	232.00	150	Horizontal	Pass
2**	2483.550	50.62	-2.56	54.0	-3.38	AV	232.00	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)
1	-14.39	8
6	-13.99	8
11	-13.90	8
12	-13.89	8
13	-14.62	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.21	8
6	-17.56	8
11	-18.55	8
12	-19.65	8
13	-31.57	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.78	8
6	-18.22	8
11	-20.68	8
12	-21.66	8
13	-32.97	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.98	8
6	-20.45	8
11	-21.00	8
12	-20.66	8
13	-33.52	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-13.89	8
6	-13.39	8
11	-13.52	8
12	-13.39	8
13	-13.88	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.57	8
6	-16.90	8
11	-18.32	8
12	-19.20	8
13	-30.19	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.14	8
6	-17.97	8
11	-20.60	8
12	-20.88	8
13	-31.72	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.39	8
6	-20.30	8
11	-20.39	8
12	-20.80	8
13	-32.32	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.70	8
6	-18.39	8
11	-20.81	8
12	-21.60	8
13	-33.16	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.19	8
6	-20.23	8
11	-19.57	8
12	-19.72	8
13	-32.75	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.00	8
6	-17.40	8
11	-20.40	8
12	-20.78	8
13	-31.75	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.51	8
6	-20.47	8
11	-20.66	8
12	-20.89	8
13	-32.33	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.32	8
6	-14.85	8
11	-17.59	8
12	-18.16	8
13	-29.39	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.34	8
6	-17.34	8
11	-17.07	8
12	-17.25	8
13	-29.53	8

Test Plots

Main Antenna

802.11b 1 CHANNEL

802.11b 6 CHANNEL

802.11b 11 CHANNEL

802.11b 12 CHANNEL

802.11b 13 CHANNEL

802.11g 1 CHANNEL

802.11g 6 CHANNEL

802.11g 11 CHANNEL

802.11g 12 CHANNEL

802.11g 13 CHANNEL

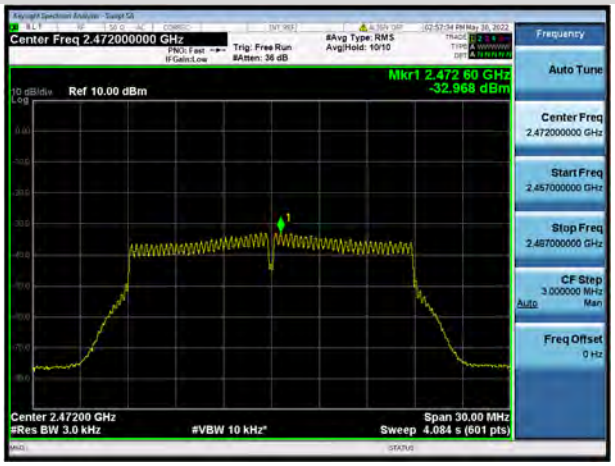
802.11n-20 MHz 1 CHANNEL

802.11n-20 MHz 6 CHANNEL

802.11n-20 MHz 11 CHANNEL

802.11n-20 MHz 12 CHANNEL

802.11n-20 MHz 13 CHANNEL



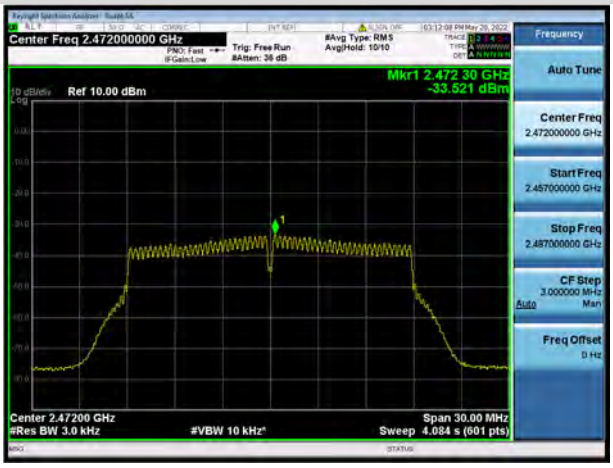
802.11ax-20 MHz(SU) 1 CHANNEL

802.11ax-20 MHz(SU) 6 CHANNEL

802.11ax-20 MHz(SU) 11 CHANNEL

802.11ax-20 MHz(SU) 12 CHANNEL

802.11ax-20 MHz(SU) 13 CHANNEL



Aux. Antenna

802.11b 1 CHANNEL

802.11b 6 CHANNEL

802.11b 11 CHANNEL

802.11b 12 CHANNEL

802.11b 13 CHANNEL

802.11g 1 CHANNEL

802.11g 6 CHANNEL

802.11g 11 CHANNEL

802.11g 12 CHANNEL

802.11g 13 CHANNEL

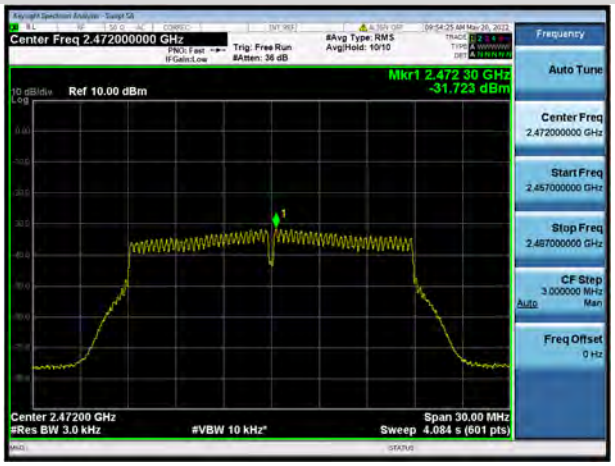
802.11n-20 MHz 1 CHANNEL

802.11n-20 MHz 6 CHANNEL

802.11n-20 MHz 11 CHANNEL

802.11n-20 MHz 12 CHANNEL

802.11n-20 MHz 13 CHANNEL



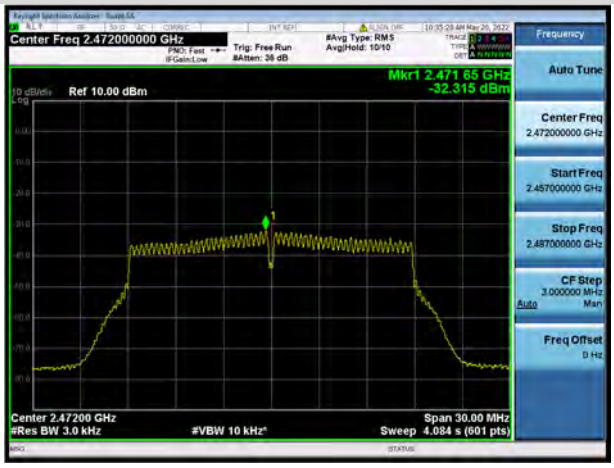
802.11ax-20 MHz(SU) 1 CHANNEL

802.11ax-20 MHz(SU) 6 CHANNEL

802.11ax-20 MHz(SU) 11 CHANNEL

802.11ax-20 MHz(SU) 12 CHANNEL

802.11ax-20 MHz(SU) 13 CHANNEL



MIMO-Main Antenna

802.11n-20 MHz 1 CHANNEL

802.11n-20 MHz 6 CHANNEL

802.11n-20 MHz 11 CHANNEL

802.11n-20 MHz 12 CHANNEL

802.11n-20 MHz 13 CHANNEL

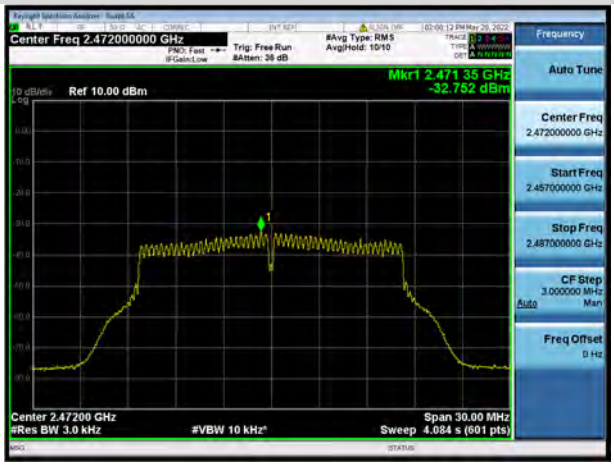
802.11ax-20 MHz(SU) 1 CHANNEL

802.11ax-20 MHz(SU) 6 CHANNEL

802.11ax-20 MHz(SU) 11 CHANNEL

802.11ax-20 MHz(SU) 12 CHANNEL

802.11ax-20 MHz(SU) 13 CHANNEL



MIMO-Aux. Antenna

802.11n-20 MHz 1 CHANNEL

802.11n-20 MHz 6 CHANNEL

802.11n-20 MHz 11 CHANNEL

802.11n-20 MHz 12 CHANNEL

802.11n-20 MHz 13 CHANNEL

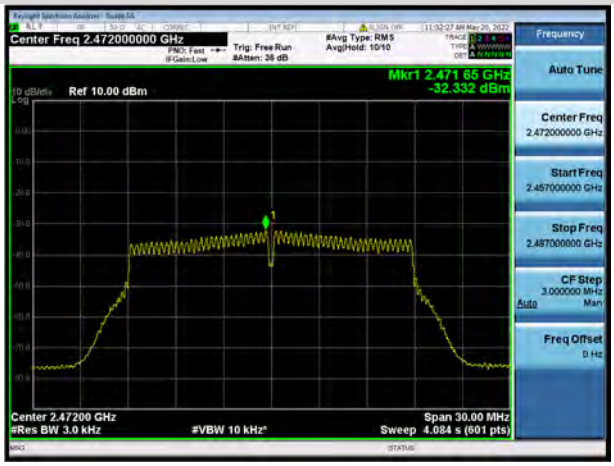
802.11ax-20 MHz(SU) 1 CHANNEL

802.11ax-20 MHz(SU) 6 CHANNEL

802.11ax-20 MHz(SU) 11 CHANNEL

802.11ax-20 MHz(SU) 12 CHANNEL

802.11ax-20 MHz(SU) 13 CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2241113-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2241113-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2241113-AI.PDF”.

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