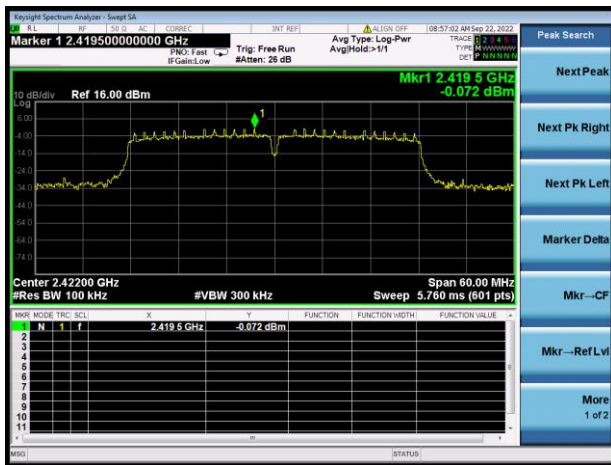
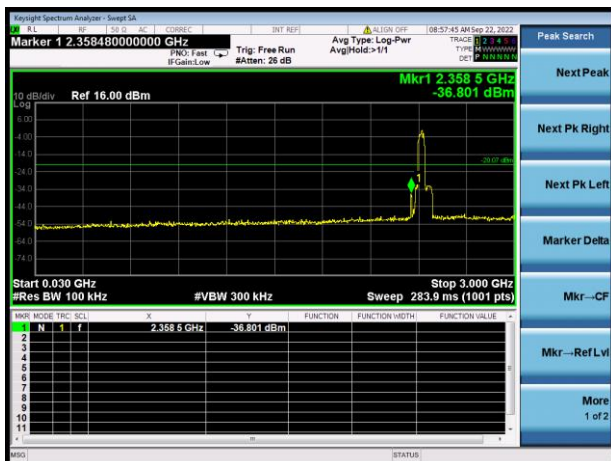
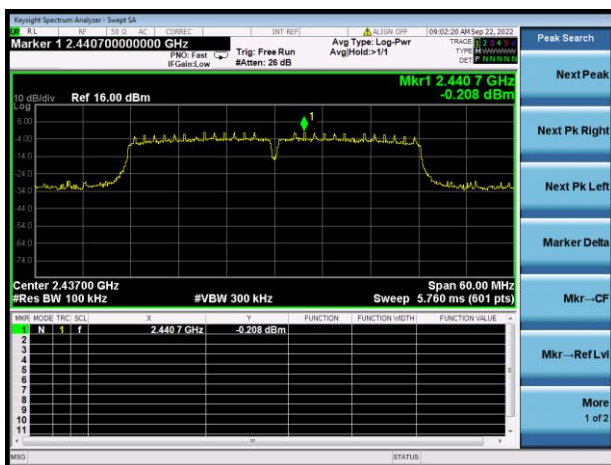


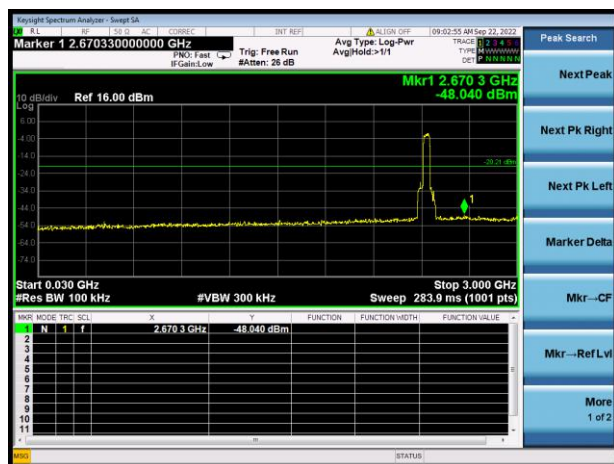
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

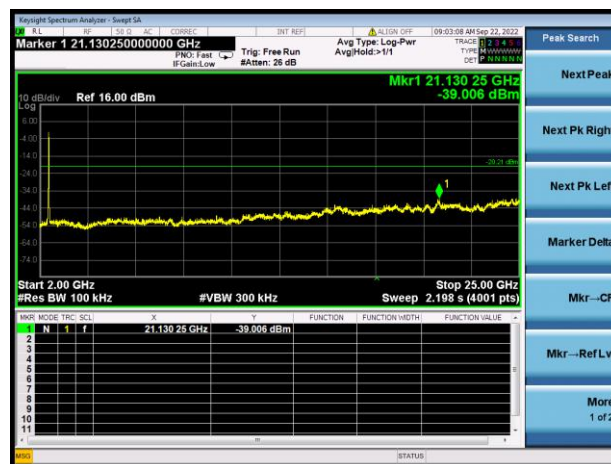
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



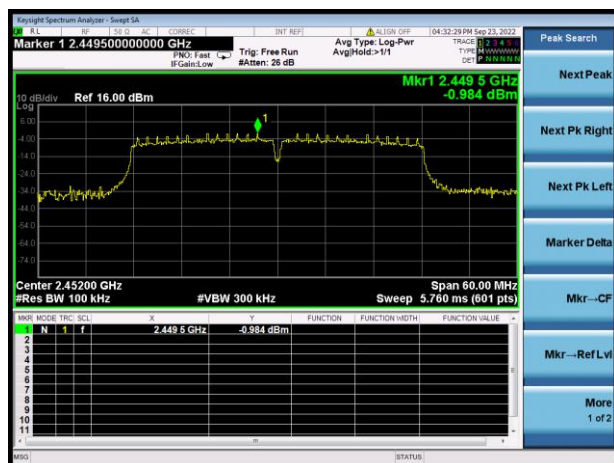
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



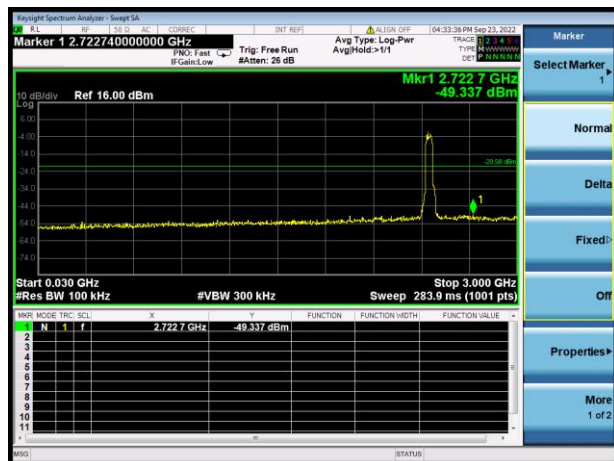
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



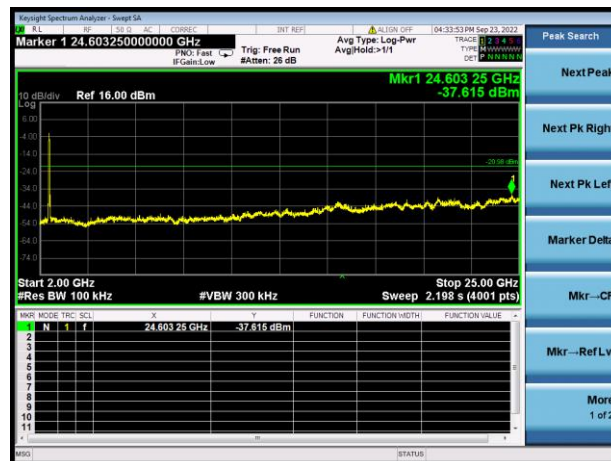
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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

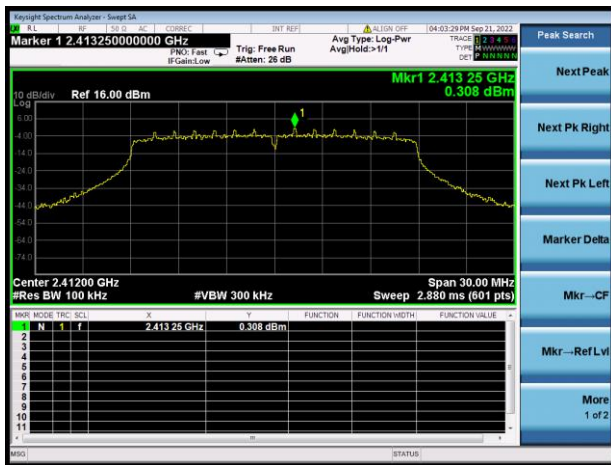
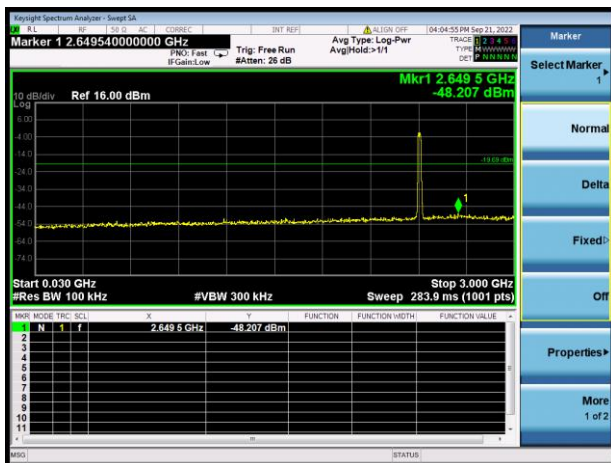


802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

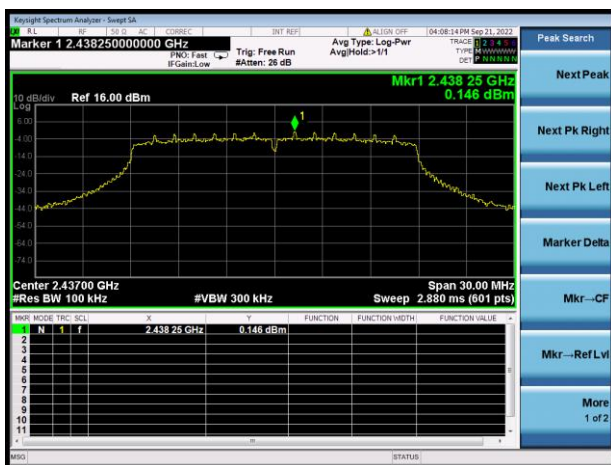


MIMO-Main Antenna

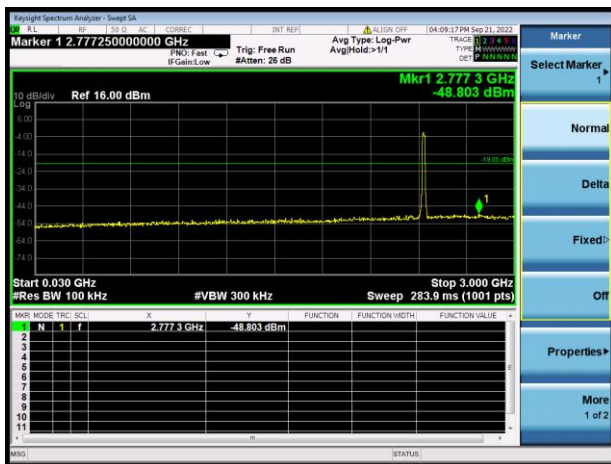
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



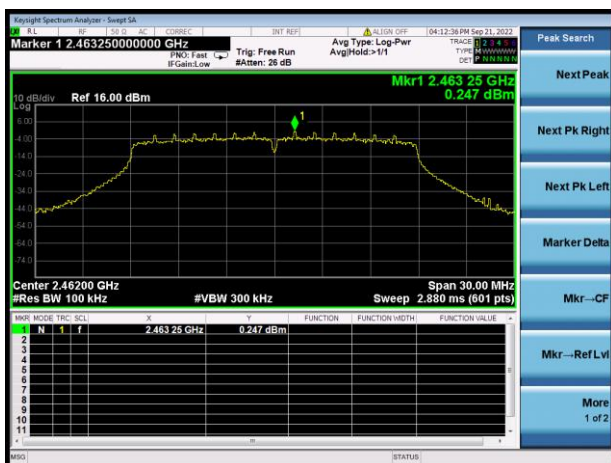
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



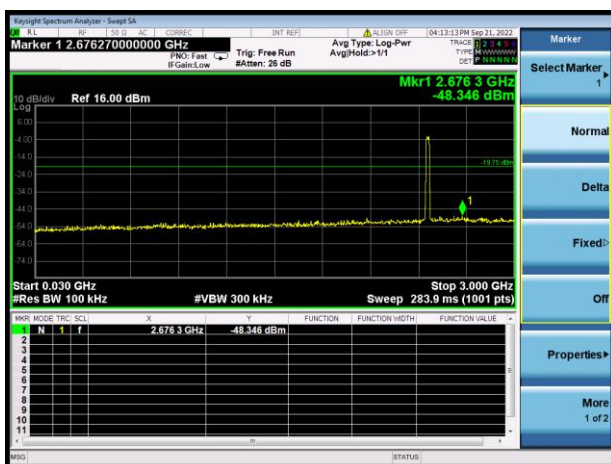
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



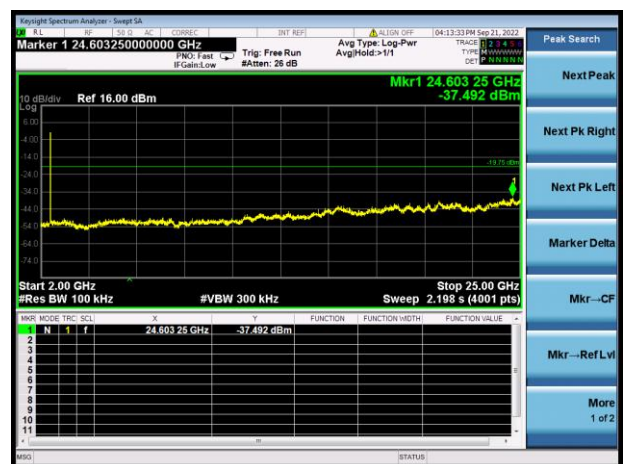
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



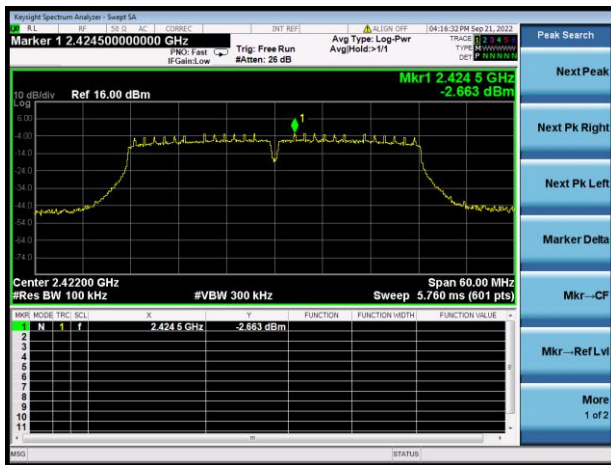
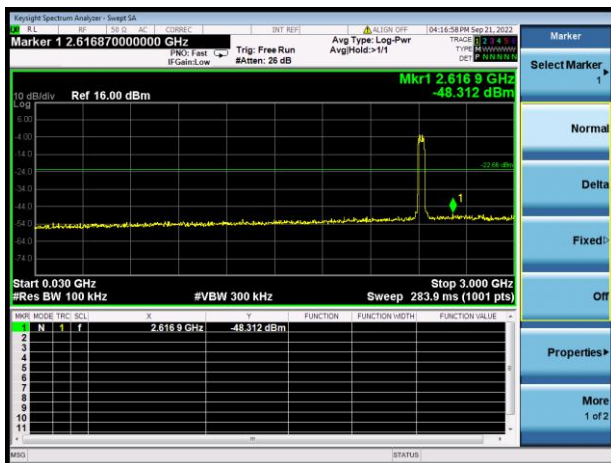
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



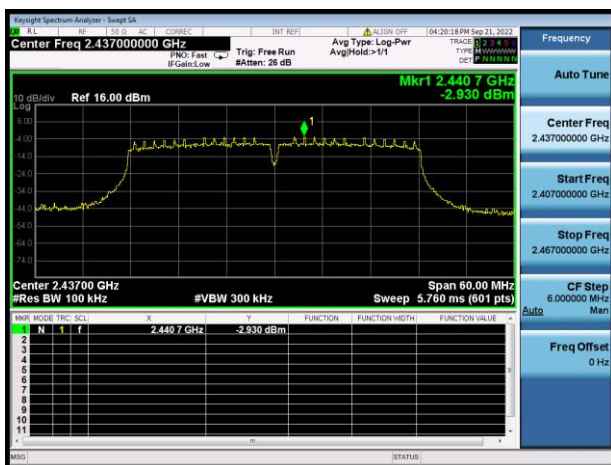
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



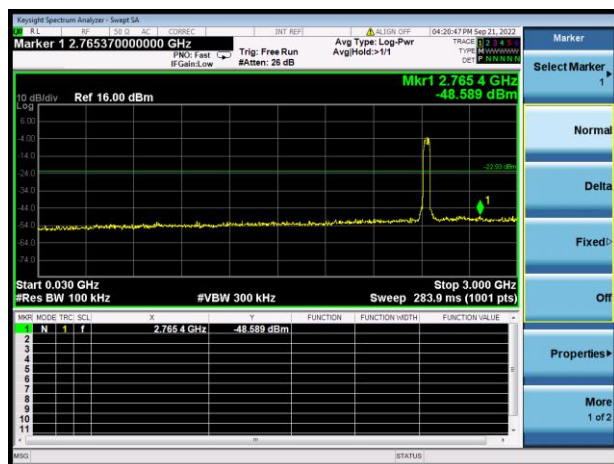
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

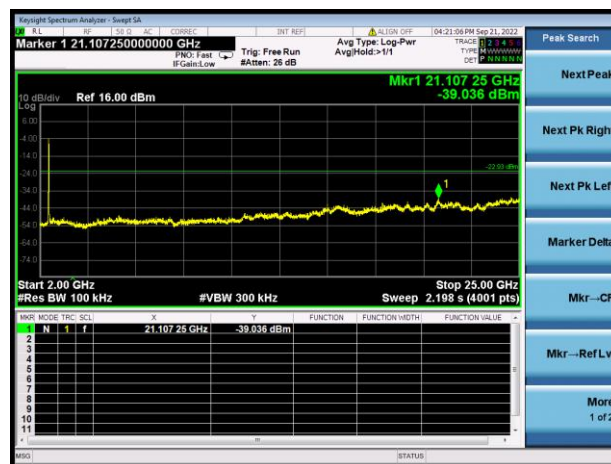
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



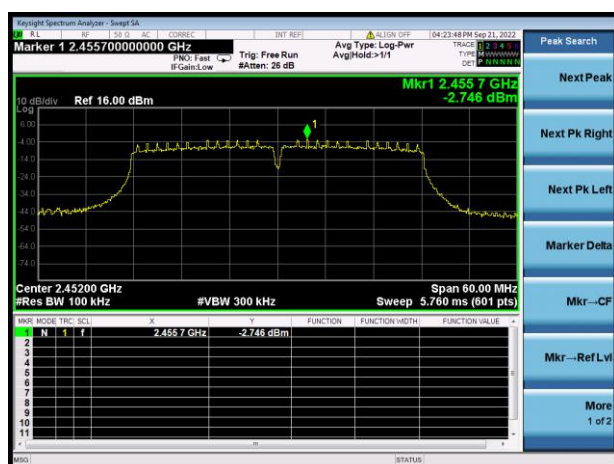
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



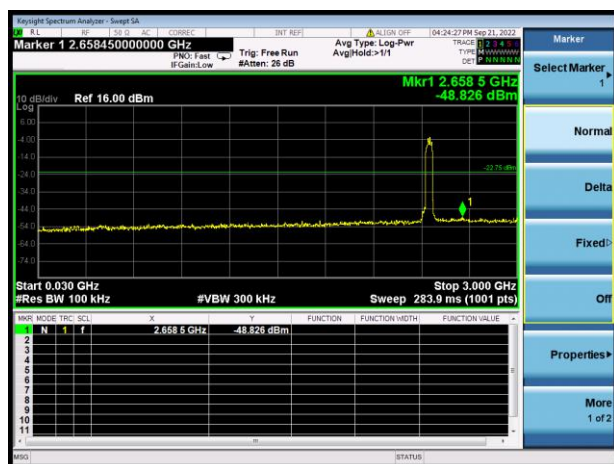
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



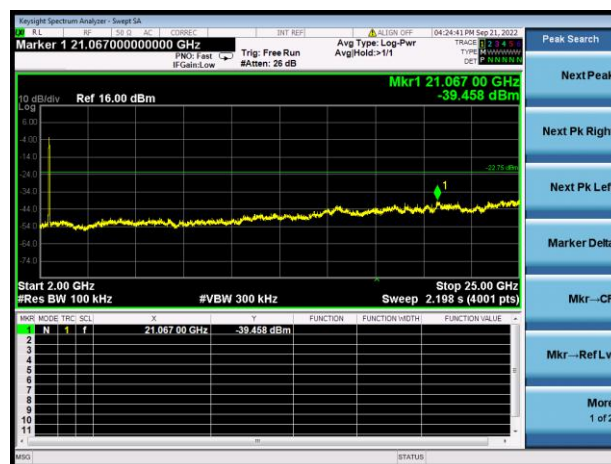
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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

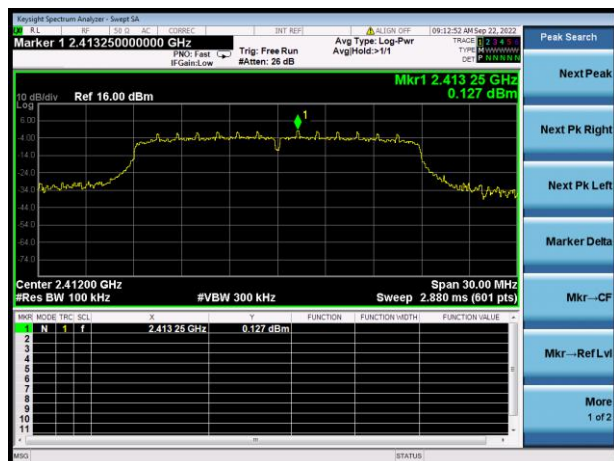
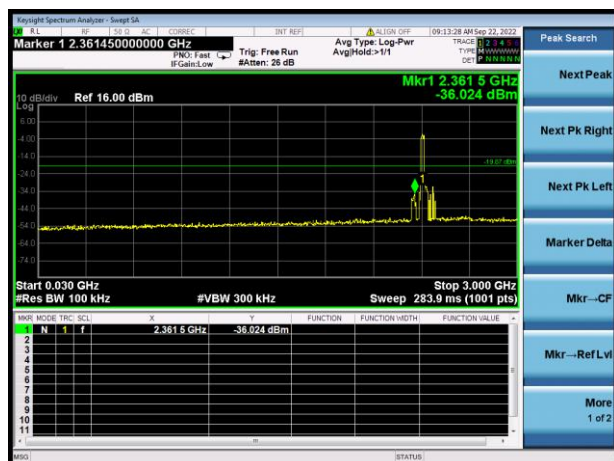
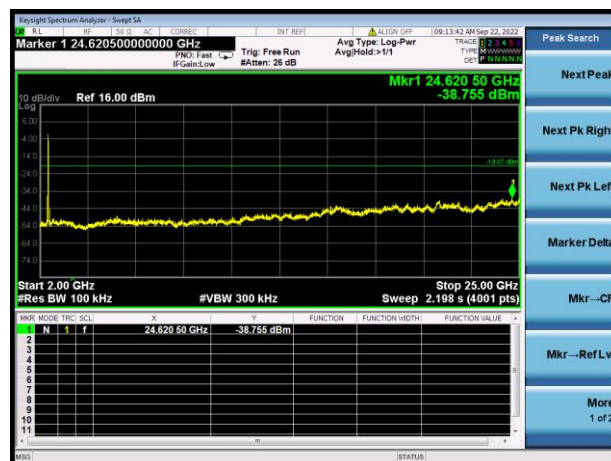


802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

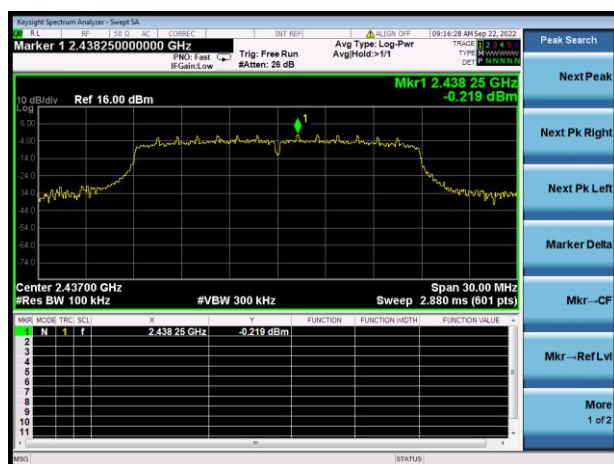


MIMO-Aux. Antenna

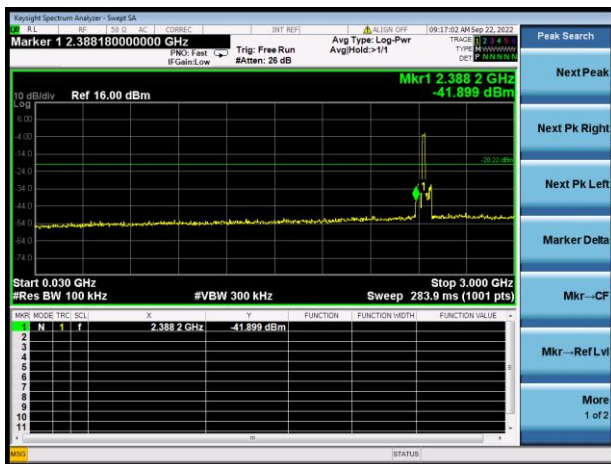
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



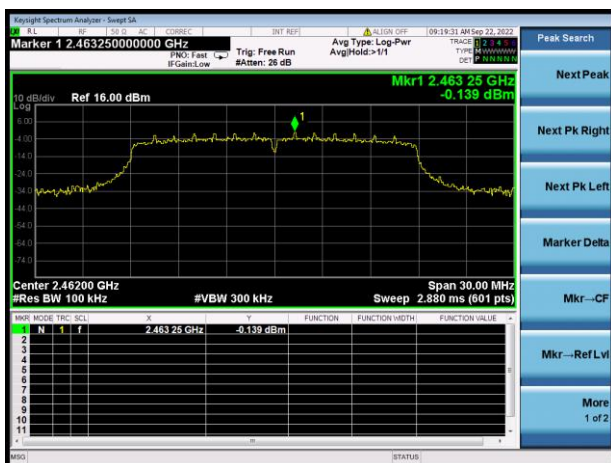
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



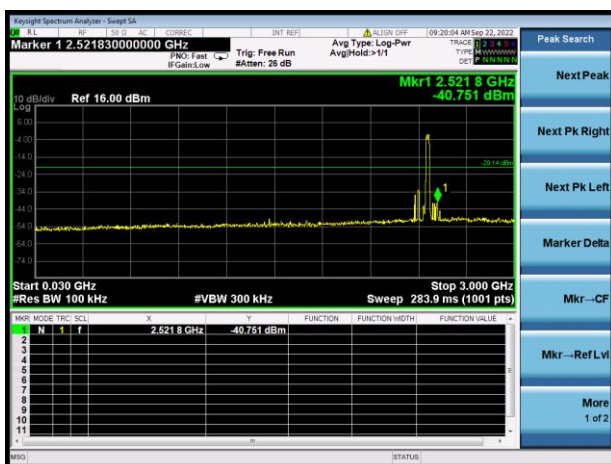
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



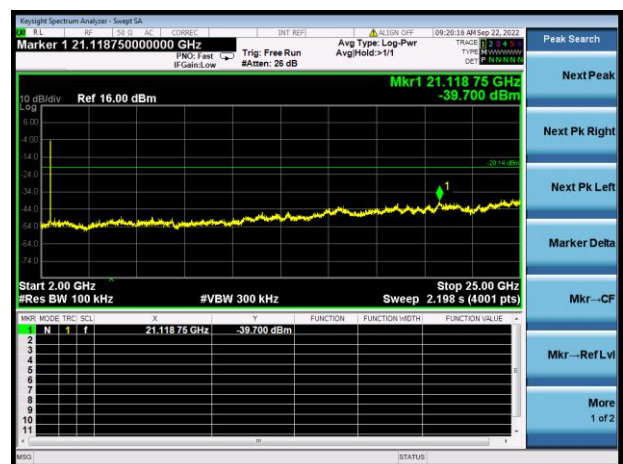
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



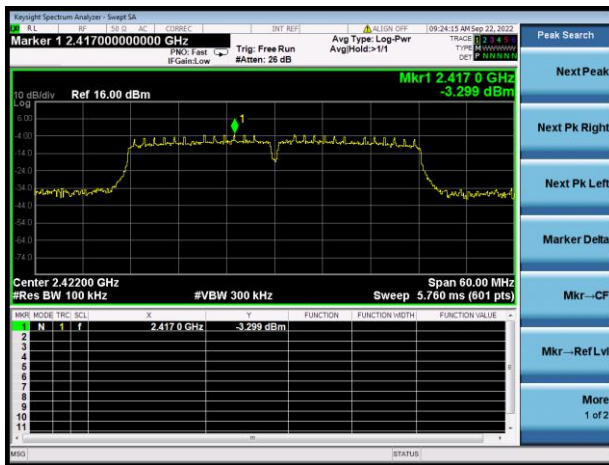
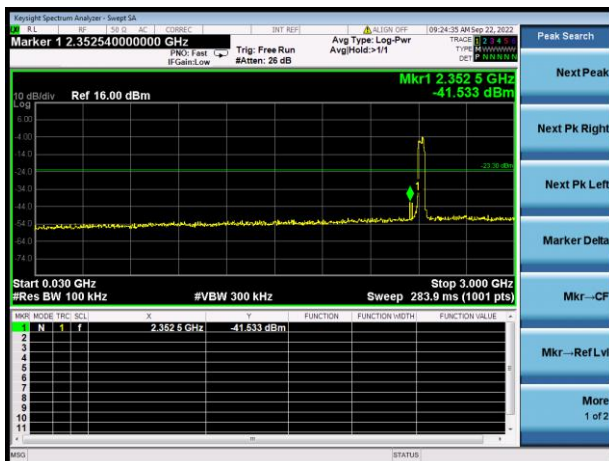
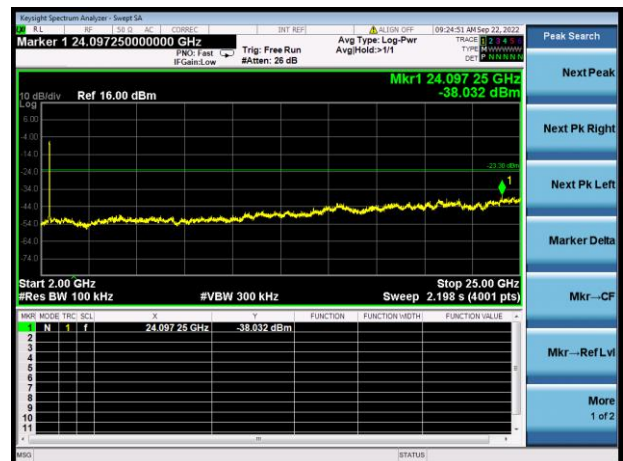
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



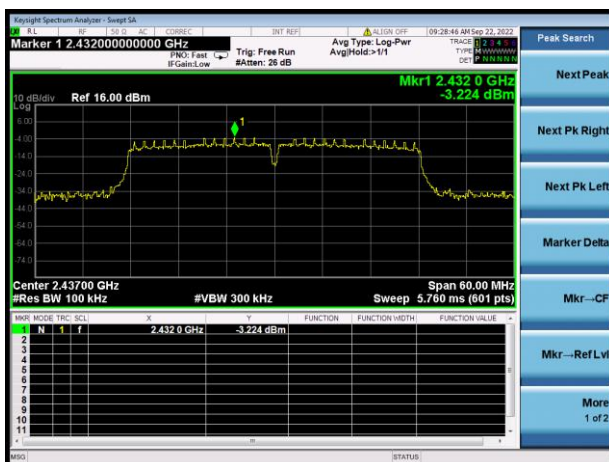
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



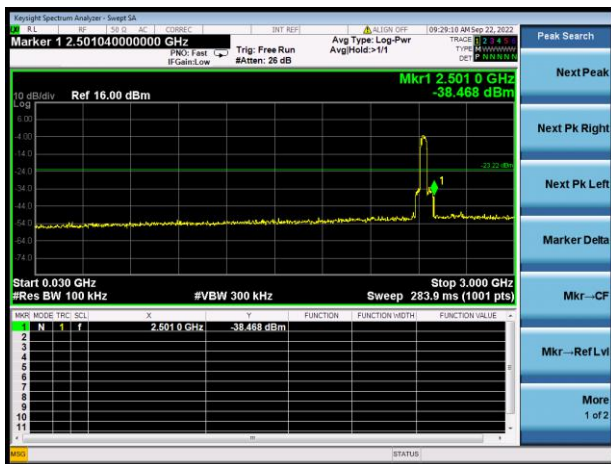
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

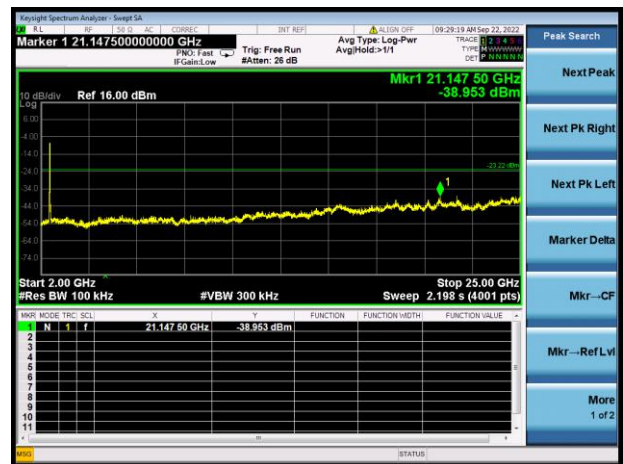
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



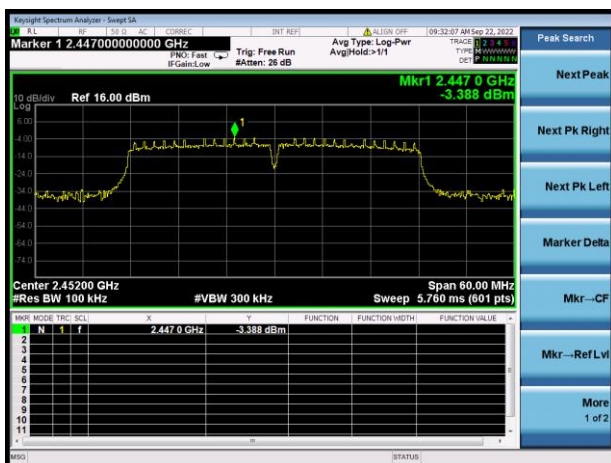
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



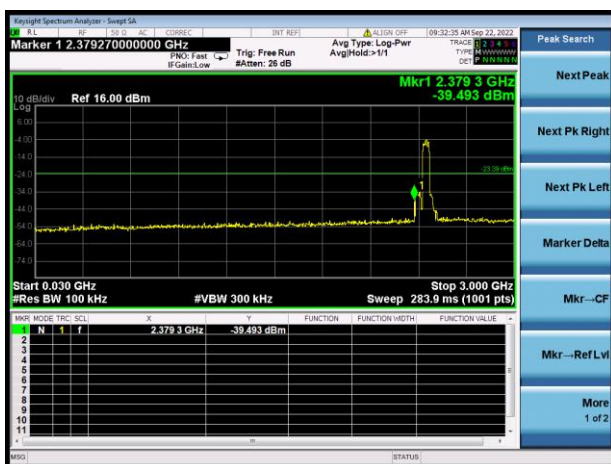
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



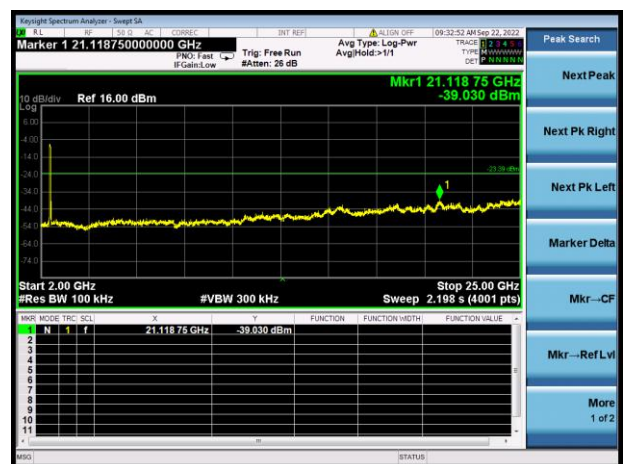
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Test Data

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.35	6.05	-13.95	Pass
High Channel	-45.55	7.06	-12.94	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.14	3.15	-16.85	Pass
High Channel	-44.87	2.64	-17.36	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.08	3.40	-16.60	Pass
High Channel	-45.53	2.91	-17.09	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.40	-0.58	-20.58	Pass
High Channel	-43.63	0.33	-19.67	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-23.82	5.78	-14.22	Pass
High Channel	-25.57	5.72	-14.28	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.17	2.65	-17.35	Pass
High Channel	-29.19	2.52	-17.48	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-25.78	2.89	-17.11	Pass
High Channel	-30.67	2.86	-17.14	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.18	-0.07	-20.07	Pass
High Channel	-31.61	-0.98	-20.98	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	
Low Channel	-36.95	0.31	-19.69	Pass
High Channel	-45.63	0.25	-19.75	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.06	-2.66	-22.66	Pass
High Channel	-44.43	-2.75	-22.75	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	
Low Channel	-30.35	0.13	-19.87	Pass
High Channel	-29.90	-0.14	-20.14	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.89	-3.30	-23.30	Pass
High Channel	-34.70	-3.39	-23.39	Pass

Test Plots

Main Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



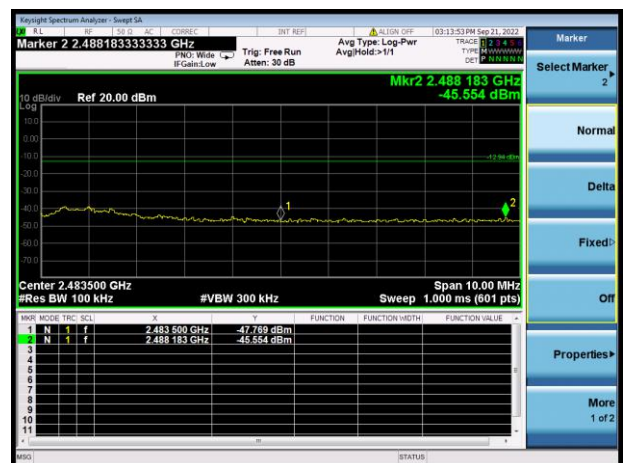
802.11b LOW CHANNEL, BAND EDGE



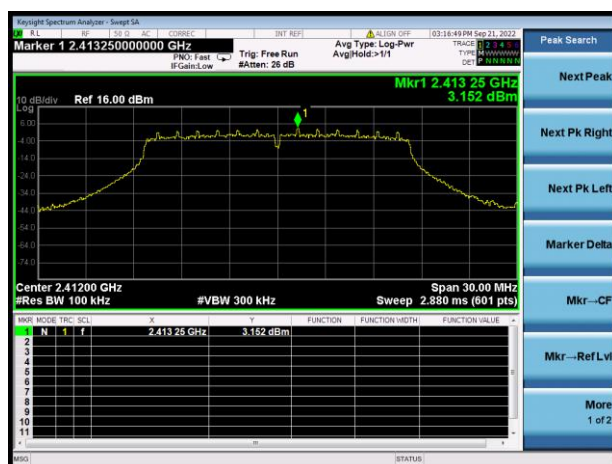
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



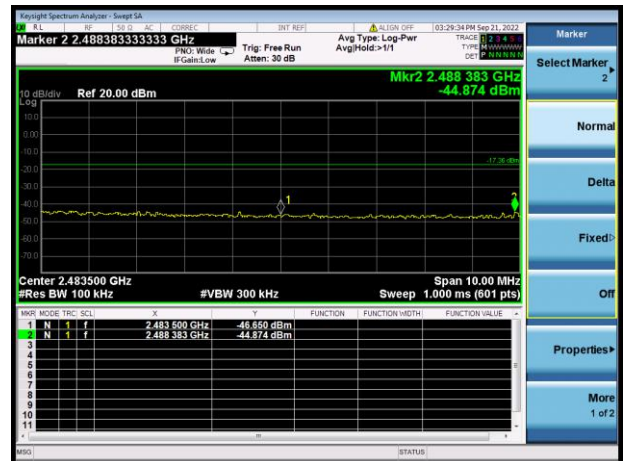
802.11g LOW CHANNEL, BAND EDGE



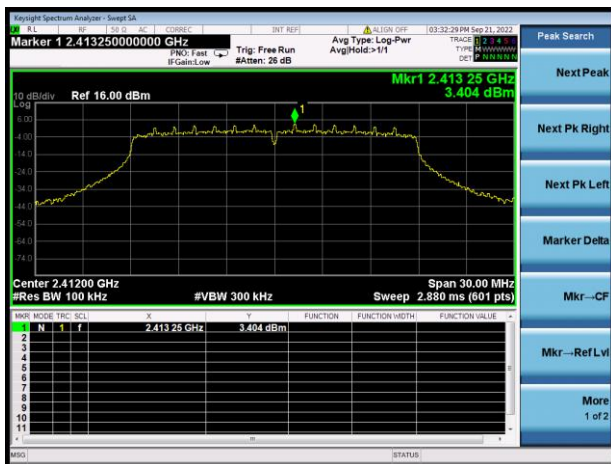
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



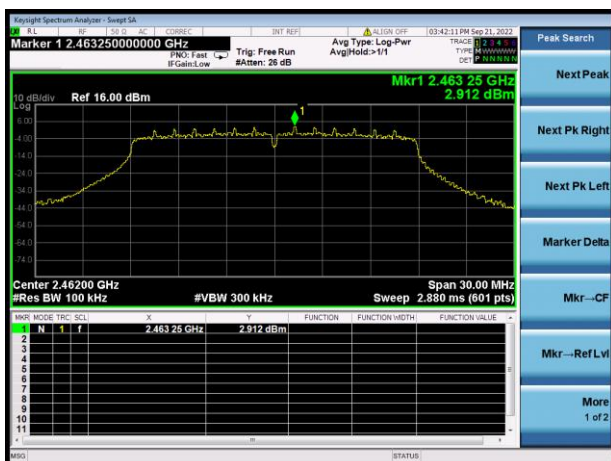
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



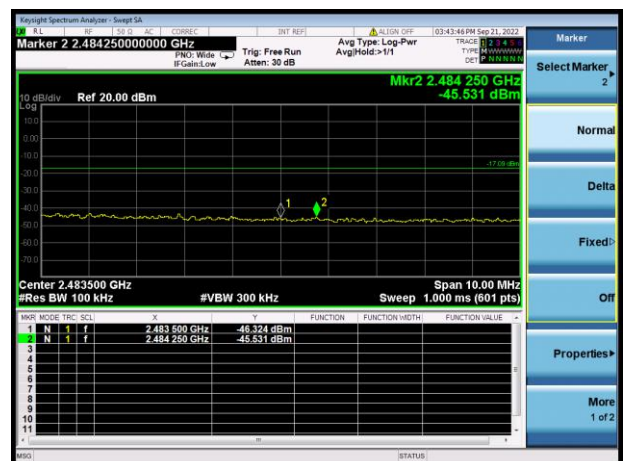
802.11n-20 MHz LOW CHANNEL, BAND EDGE



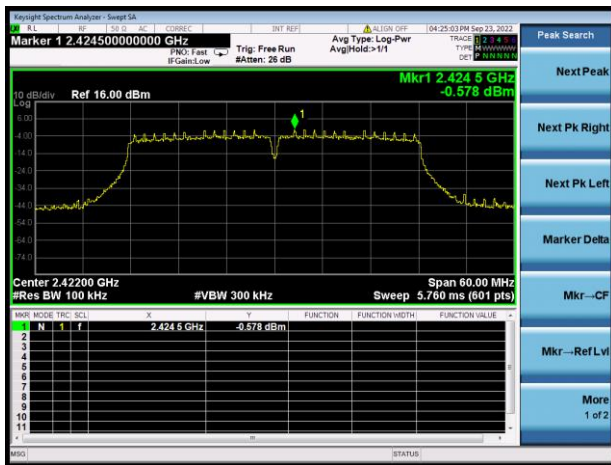
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



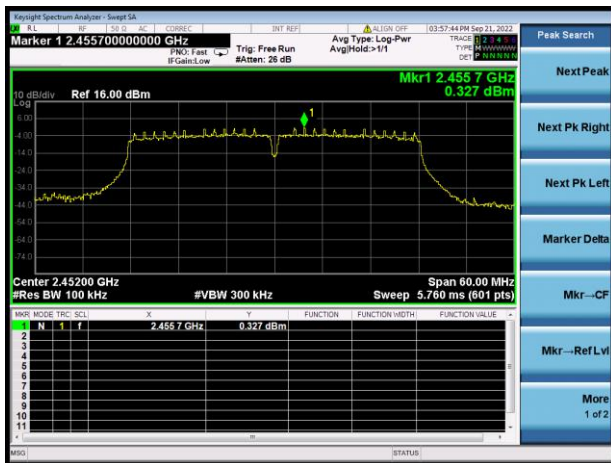
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



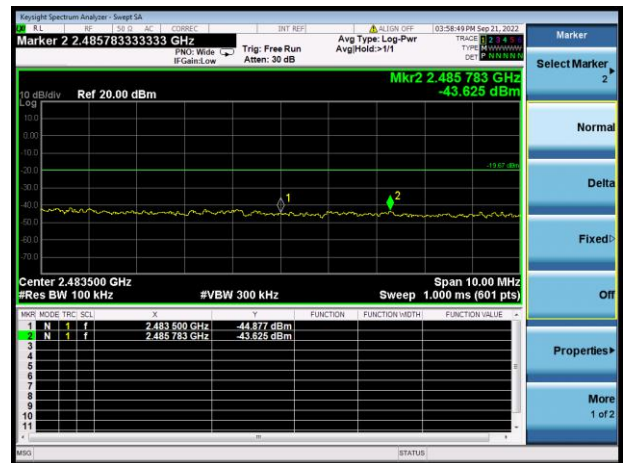
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

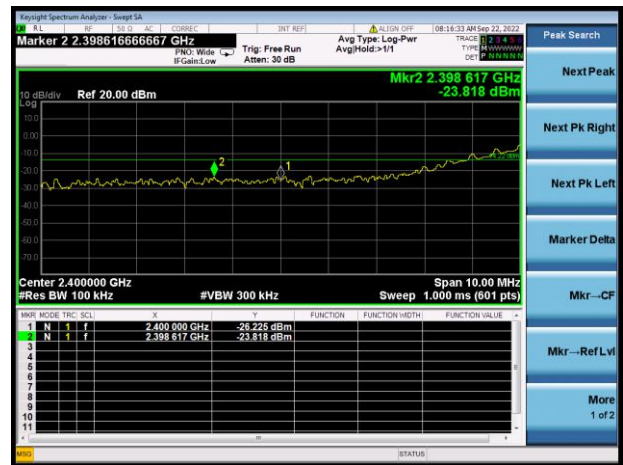


Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



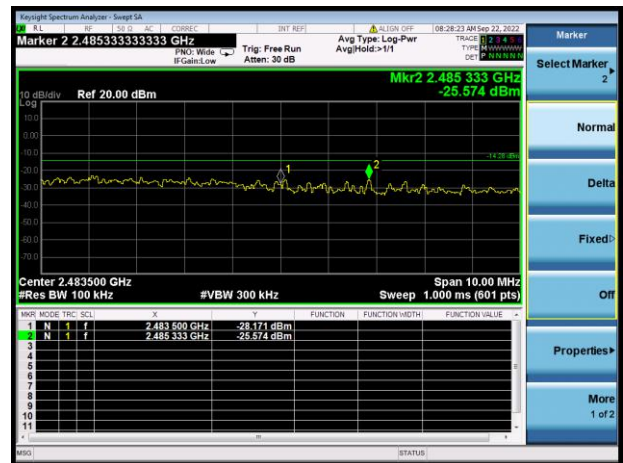
802.11b LOW CHANNEL, BAND EDGE



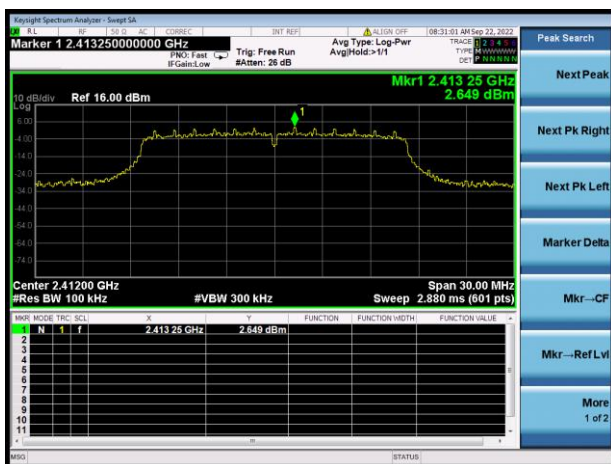
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



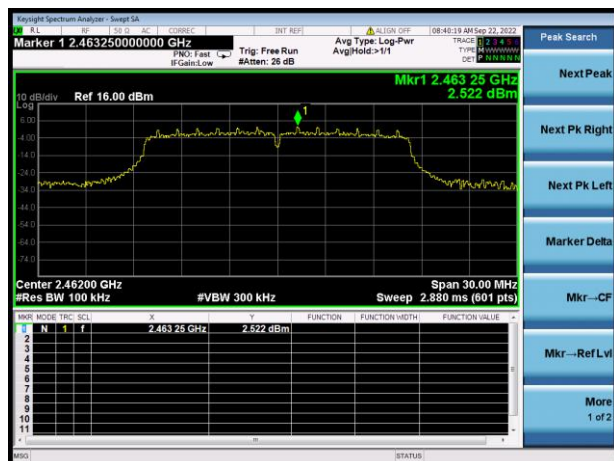
802.11g LOW CHANNEL, CARRIER LEVEL



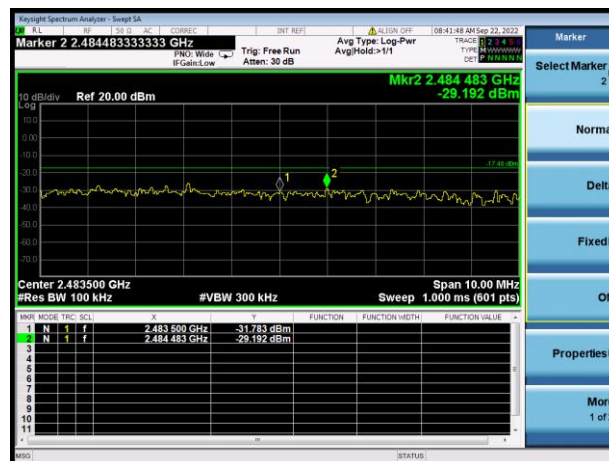
802.11g LOW CHANNEL, BAND EDGE



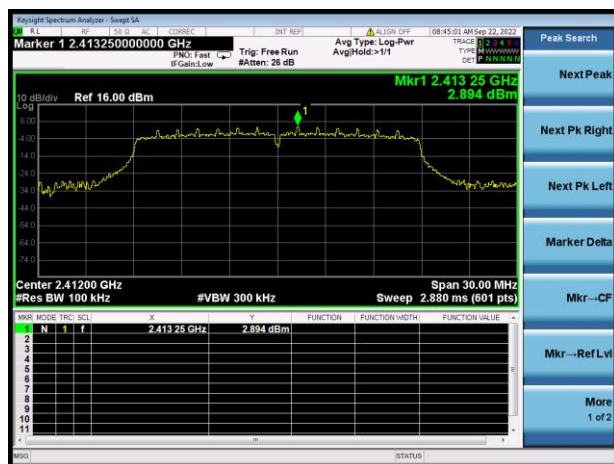
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



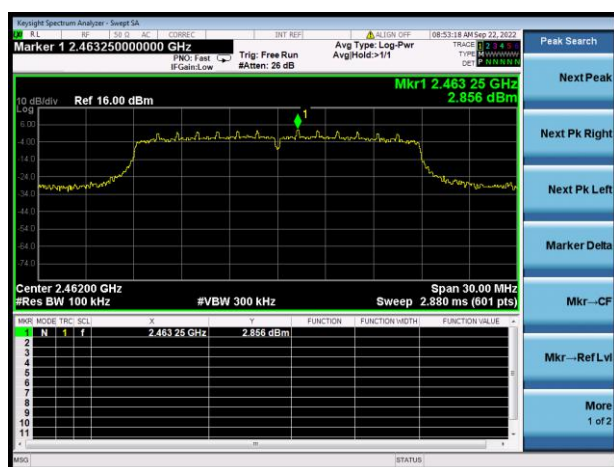
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



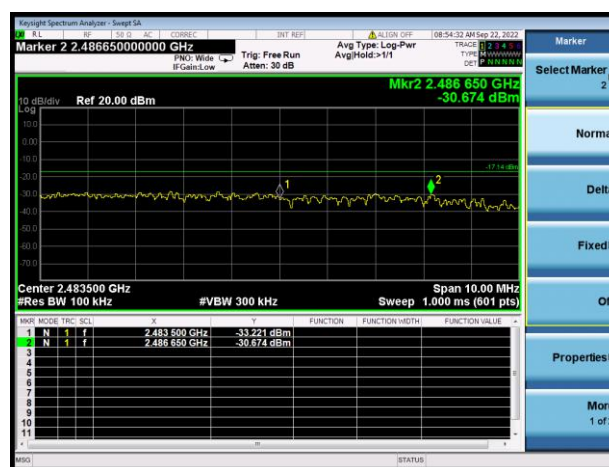
802.11n-20 MHz LOW CHANNEL, BAND EDGE



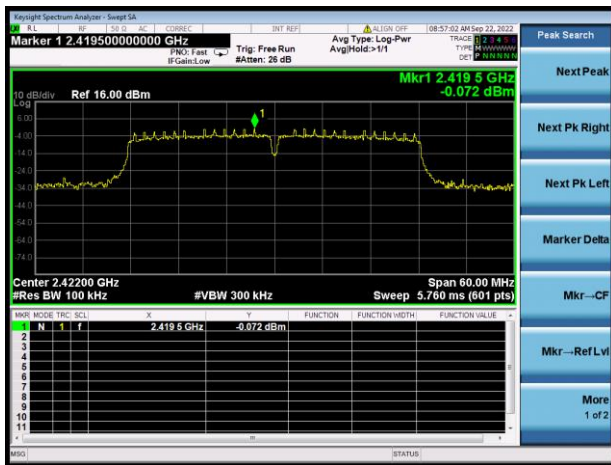
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



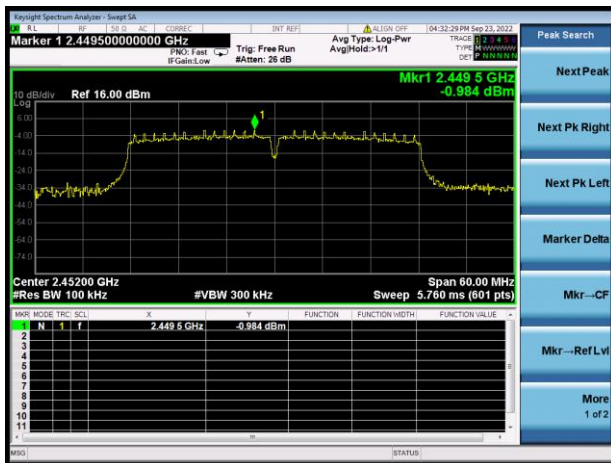
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



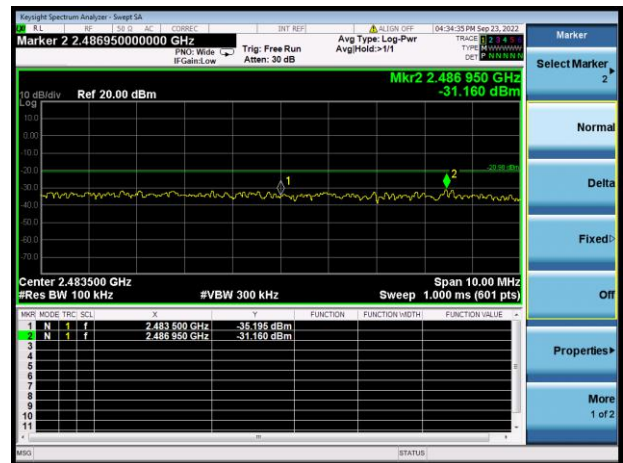
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

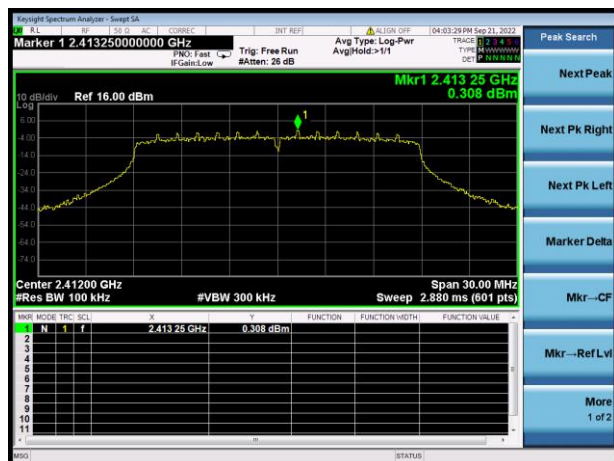


802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Main Antenna

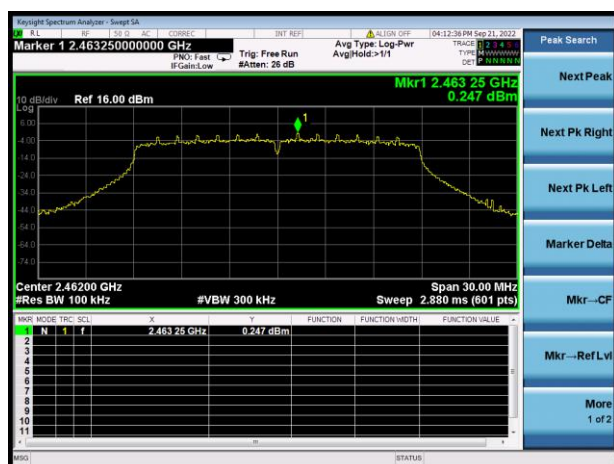
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



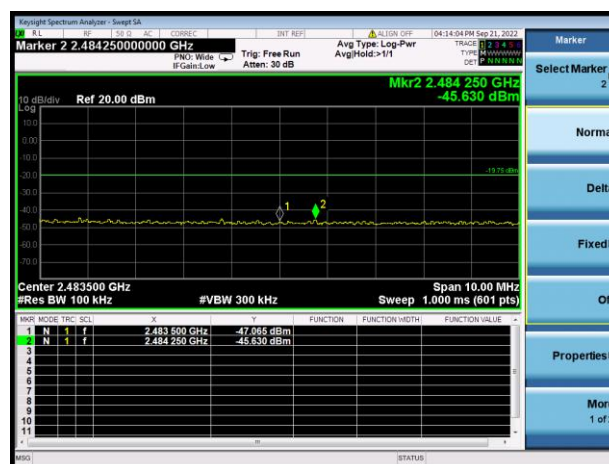
802.11n-20 MHz LOW CHANNEL, BAND EDGE



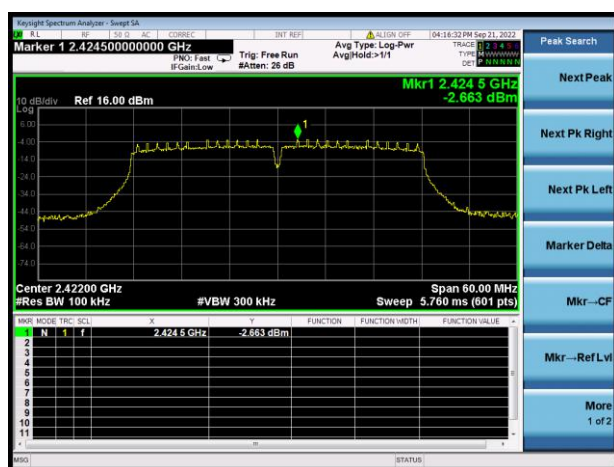
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



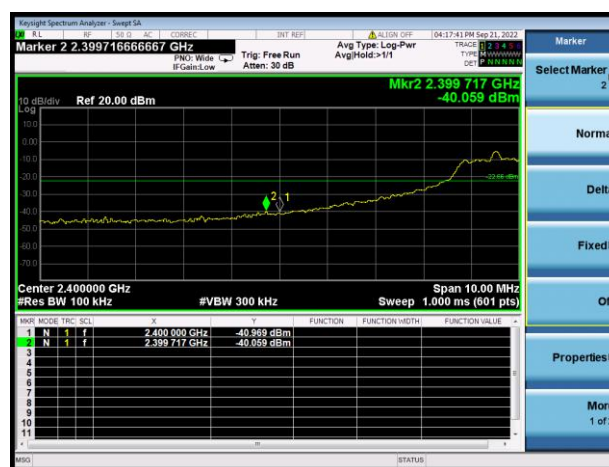
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



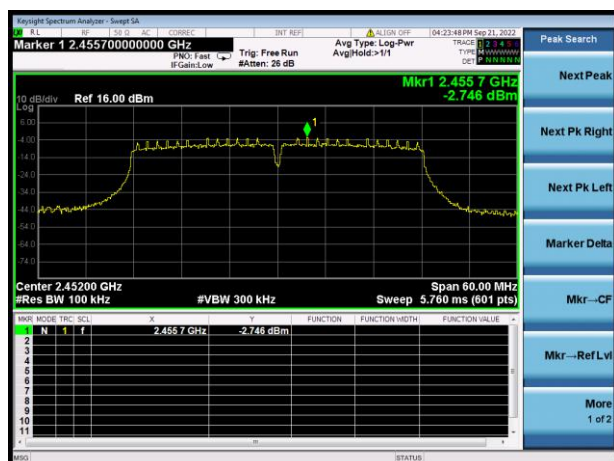
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



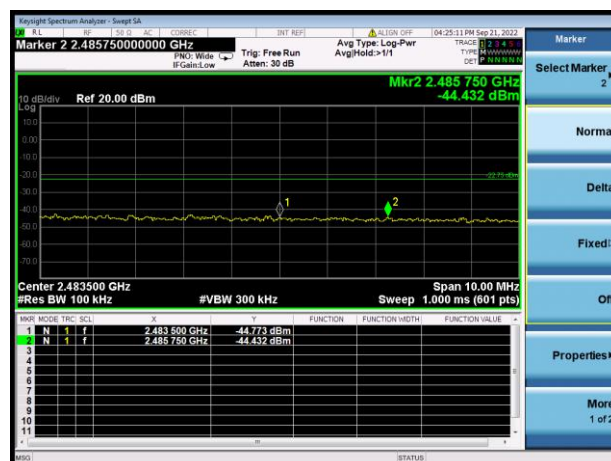
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

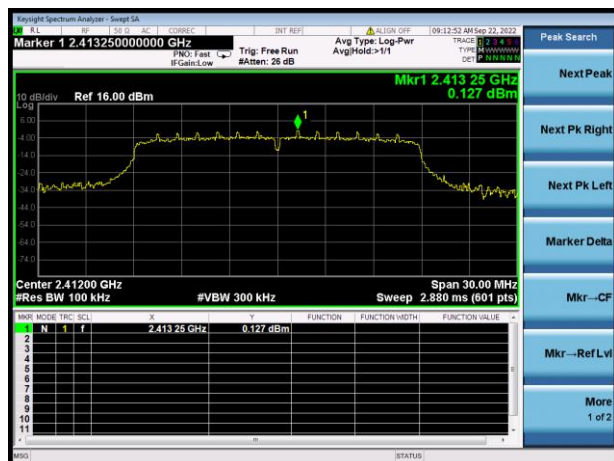


802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Aux. Antenna

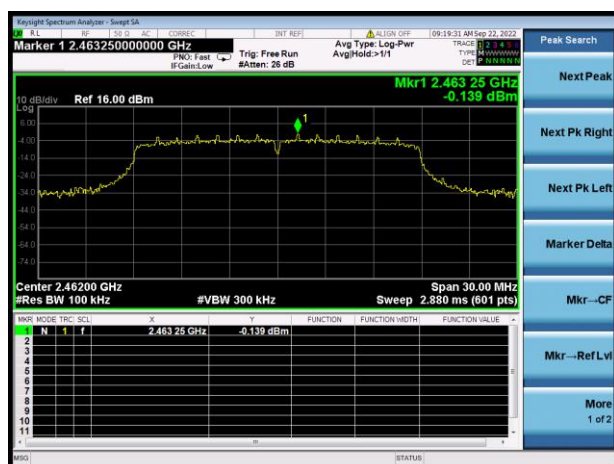
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



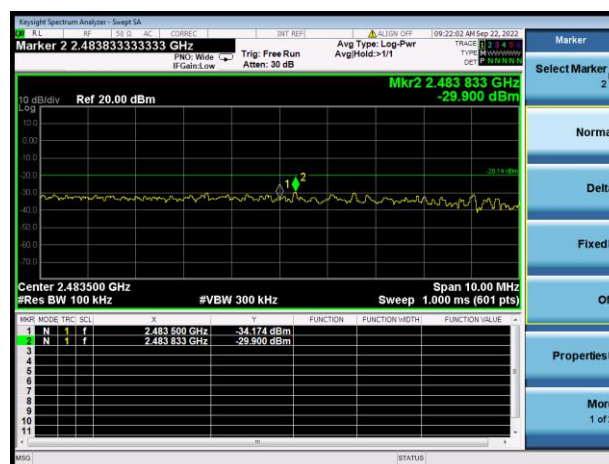
802.11n-20 MHz LOW CHANNEL, BAND EDGE



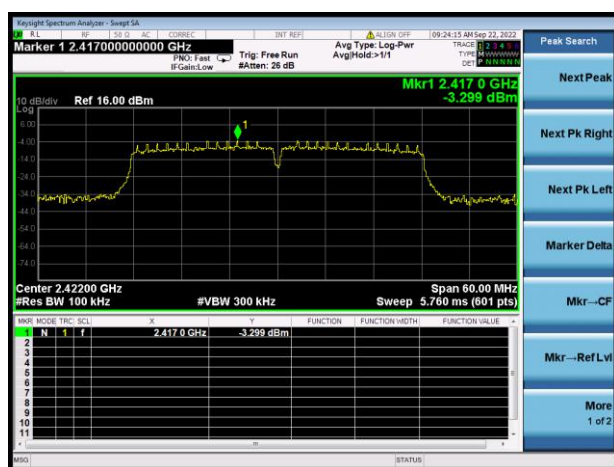
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



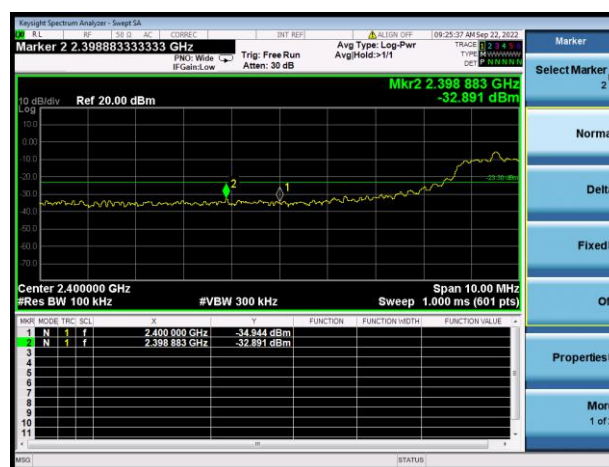
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



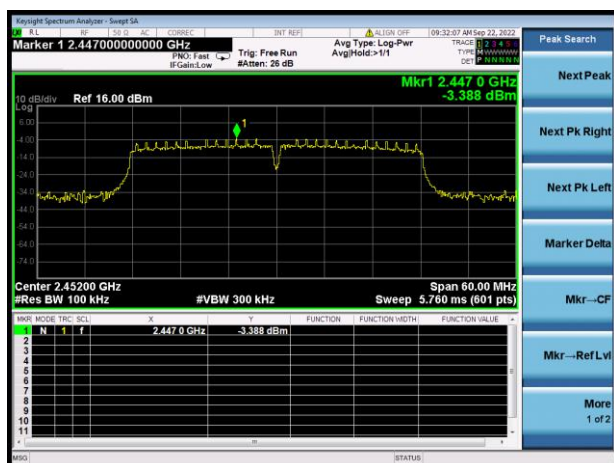
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



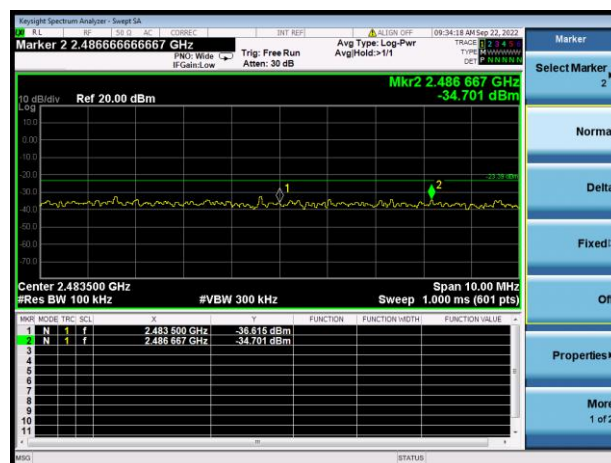
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

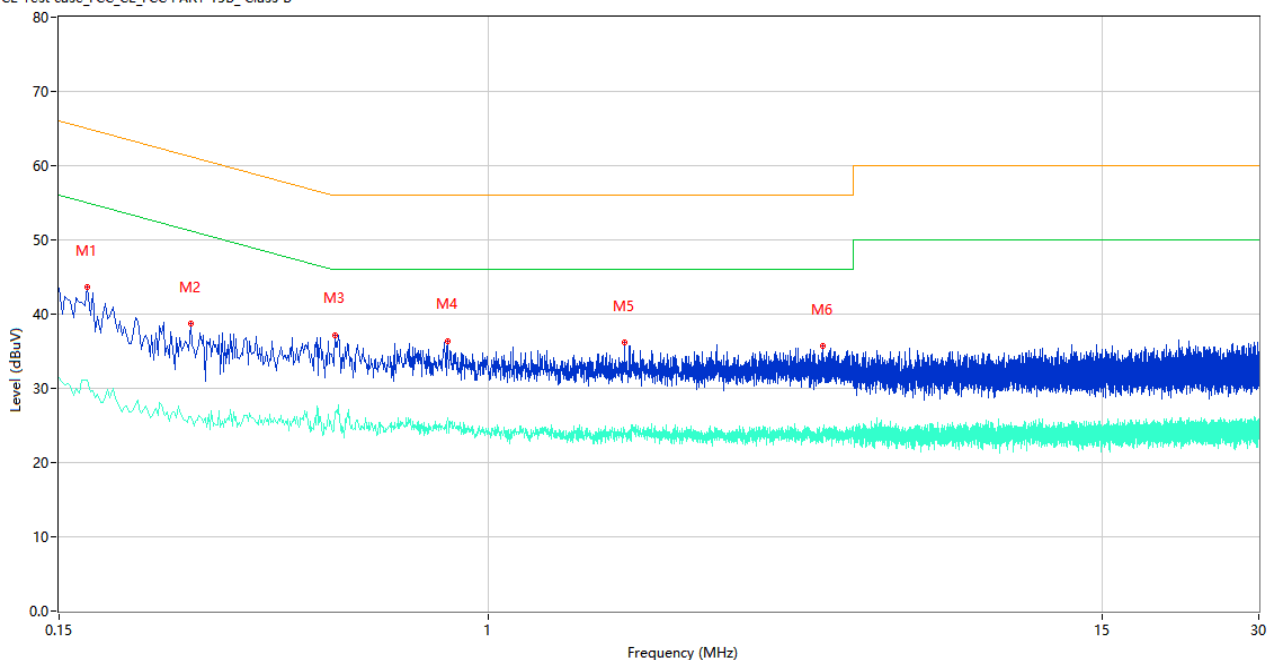
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

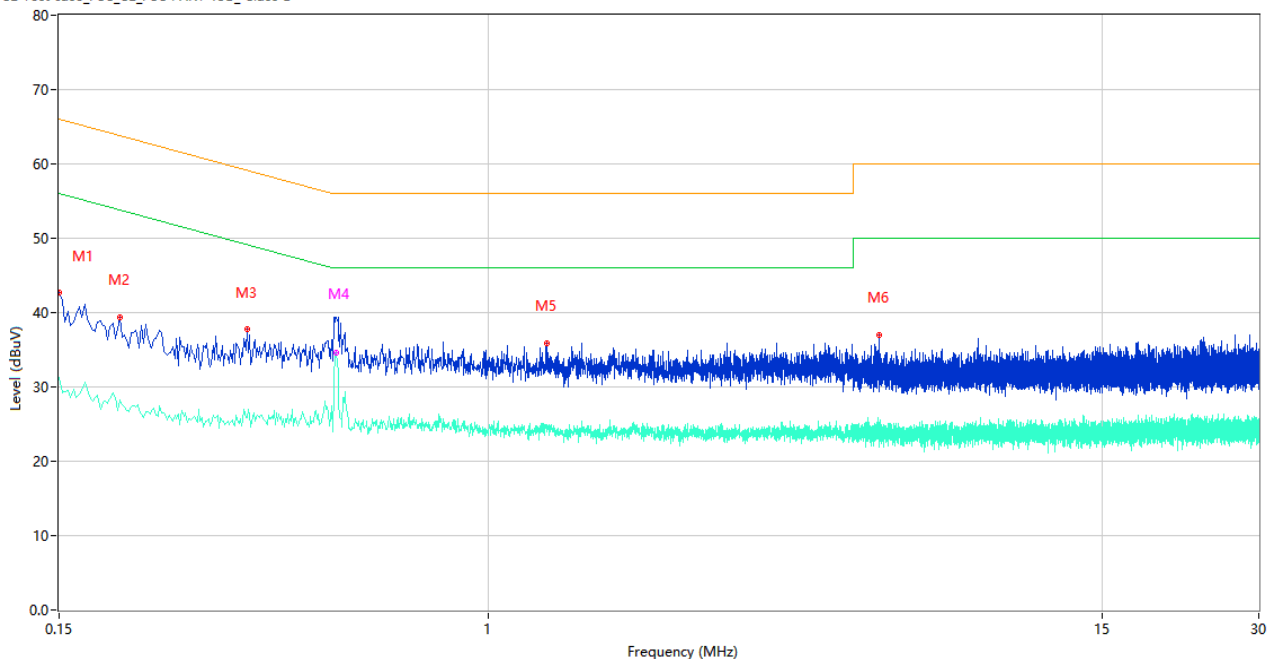
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.170	43.58	10.08	64.96	-21.38	Peak	L	Pass
1**	0.170	31.07	10.08	54.96	-23.89	AV	L	Pass
2	0.268	38.71	10.00	61.18	-22.47	Peak	L	Pass
2**	0.268	26.14	10.00	51.18	-25.04	AV	L	Pass
3	0.508	37.16	10.18	56.00	-18.84	Peak	L	Pass
3**	0.508	26.78	10.18	46.00	-19.22	AV	L	Pass
4	0.834	36.41	10.73	56.00	-19.59	Peak	L	Pass
4**	0.834	25.78	10.73	46.00	-20.22	AV	L	Pass
5	1.824	36.12	10.23	56.00	-19.88	Peak	L	Pass
5**	1.824	24.35	10.23	46.00	-21.65	AV	L	Pass
6	4.380	35.76	10.35	56.00	-20.24	Peak	L	Pass
6**	4.380	24.58	10.35	46.00	-21.42	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	42.75	10.09	66.00	-23.25	Peak	N	Pass
1**	0.150	31.26	10.09	56.00	-24.74	AV	N	Pass
2	0.196	39.42	10.06	63.78	-24.36	Peak	N	Pass
2**	0.196	28.18	10.06	53.78	-25.60	AV	N	Pass
3	0.344	37.71	10.85	59.11	-21.40	Peak	N	Pass
3**	0.344	25.91	10.85	49.11	-23.20	AV	N	Pass
4	0.510	39.36	10.18	56.00	-16.64	Peak	N	Pass
4**	0.510	34.67	10.18	46.00	-11.33	AV	N	Pass
5	1.290	35.88	10.61	56.00	-20.12	Peak	N	Pass
5**	1.290	24.37	10.61	46.00	-21.63	AV	N	Pass
6	5.622	37.00	10.44	60.00	-23.00	Peak	N	Pass
6**	5.622	25.21	10.44	50.00	-24.79	AV	N	Pass

A.6 Radiated Emission

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

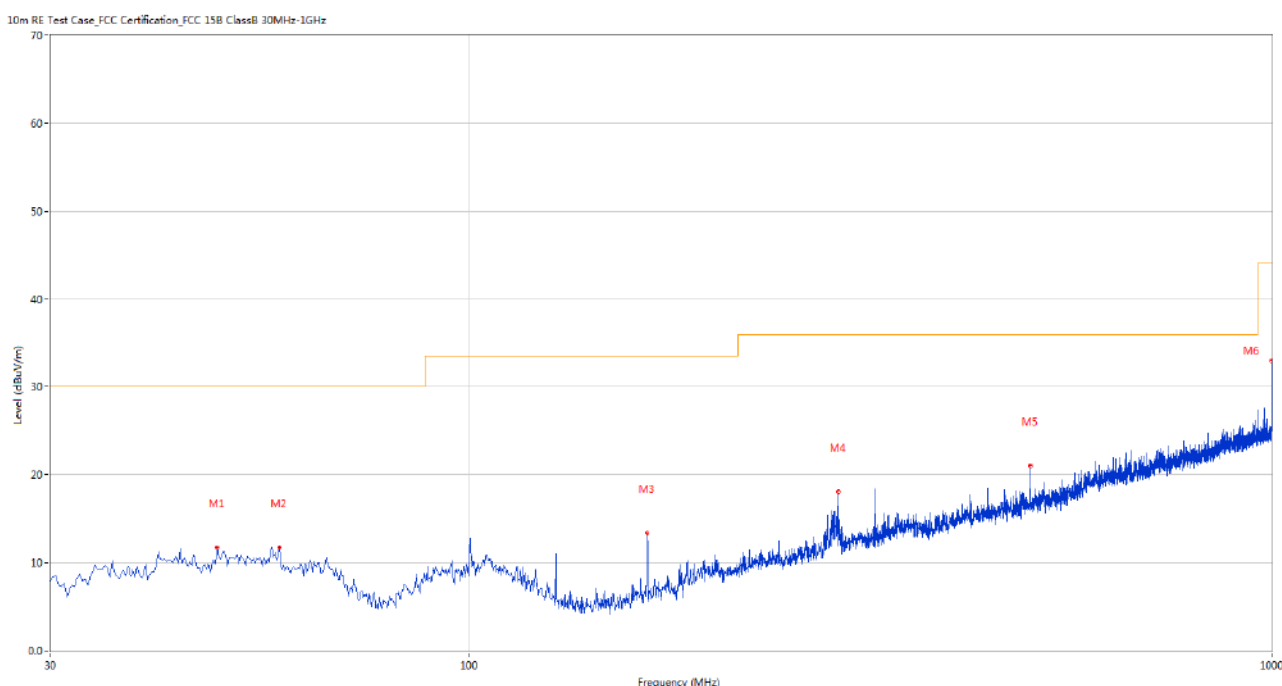
Note ²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

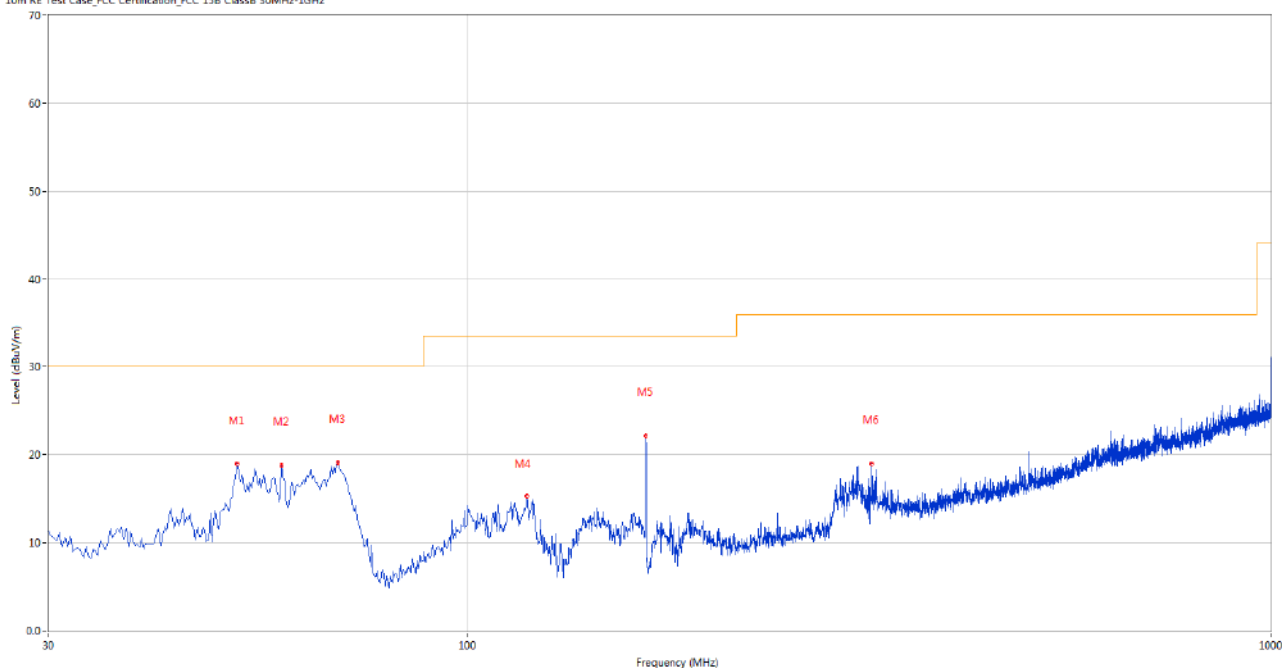
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.425	11.80	-26.35	30.0	-18.20	Peak	360.00	100	Horizontal	Pass
2	57.881	11.78	-27.34	30.0	-18.22	Peak	59.00	100	Horizontal	Pass
3	166.493	13.37	-30.55	33.5	-20.13	Peak	358.00	200	Horizontal	Pass
4	287.956	18.08	-25.19	36.0	-17.92	Peak	246.00	200	Horizontal	Pass
5	499.848	21.02	-20.27	36.0	-14.98	Peak	286.00	200	Horizontal	Pass
6	1000.000	33.05	-11.26	44.0	-10.95	Peak	65.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15B ClassB 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.577	18.96	-26.10	30.0	-11.04	Peak	13.00	100	Vertical	Pass
2	58.608	18.80	-27.48	30.0	-11.20	Peak	360.00	200	Vertical	Pass
3	68.790	19.14	-29.70	30.0	-10.86	Peak	112.00	100	Vertical	Pass
4	118.248	15.36	-29.48	33.5	-18.14	Peak	208.00	100	Vertical	Pass
5	166.493	22.18	-30.55	33.5	-11.32	Peak	236.00	100	Vertical	Pass
6	318.260	19.05	-24.71	36.0	-16.95	Peak	233.00	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.

Main Antenna

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	1666.200	39.24	-17.16	74.0	-34.76	Peak	188.00	100	Horizontal	Pass
1**	1666.200	30.86	-17.16	54.0	-23.14	AV	188.00	100	Horizontal	Pass
2	2410.500	104.45	-11.95	74.0	30.45	Peak	327.00	100	Horizontal	N/A
2**	2410.500	101.31	-11.95	54.0	47.31	AV	327.00	100	Horizontal	N/A
3	4885.800	51.67	-2.49	74.0	-22.33	Peak	280.00	150	Horizontal	Pass
3**	4885.800	42.30	-2.49	54.0	-11.70	AV	280.00	150	Horizontal	Pass
4	6617.800	54.93	1.70	74.0	-19.07	Peak	85.00	200	Horizontal	Pass
4**	6617.800	45.53	1.70	54.0	-8.47	AV	85.00	200	Horizontal	Pass
5	10441.375	51.79	-0.32	74.0	-22.21	Peak	235.00	400	Horizontal	Pass
5**	10441.375	42.79	-0.32	54.0	-11.21	AV	235.00	400	Horizontal	Pass
6	17182.050	51.64	2.62	74.0	-22.36	Peak	119.00	300	Horizontal	Pass
6**	17182.050	42.86	2.62	54.0	-11.14	AV	119.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1831.600	42.96	-16.17	74.0	-31.04	Peak	80.00	100	Vertical	Pass
1**	1831.600	33.92	-16.17	54.0	-20.08	AV	80.00	100	Vertical	Pass
2	2410.600	92.30	-11.94	74.0	18.30	Peak	333.00	100	Vertical	N/A
2**	2410.600	89.33	-11.94	54.0	35.33	AV	333.00	100	Vertical	N/A
3	4868.800	51.11	-2.71	74.0	-22.89	Peak	293.00	150	Vertical	Pass
3**	4868.800	41.27	-2.71	54.0	-12.73	AV	293.00	150	Vertical	Pass
4	6603.800	54.87	1.71	74.0	-19.13	Peak	121.00	400	Vertical	Pass
4**	6603.800	46.24	1.71	54.0	-7.76	AV	121.00	400	Vertical	Pass
5	10934.438	51.73	-0.00	74.0	-22.27	Peak	264.00	400	Vertical	Pass
5**	10934.438	42.13	-0.00	54.0	-11.87	AV	264.00	400	Vertical	Pass
6	17209.088	52.42	1.52	74.0	-21.58	Peak	182.00	300	Vertical	Pass
6**	17209.088	44.13	1.52	54.0	-9.87	AV	182.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.200	48.04	-17.94	74.0	-25.96	Peak	144.00	100	Horizontal	Pass
1**	1167.200	44.60	-17.94	54.0	-9.40	AV	144.00	100	Horizontal	Pass
2	2435.600	102.42	-12.46	74.0	28.42	Peak	329.00	150	Horizontal	N/A
2**	2435.600	99.44	-12.46	54.0	45.44	AV	329.00	150	Horizontal	N/A
3	4899.000	50.95	-2.31	74.0	-23.05	Peak	158.00	200	Horizontal	Pass
3**	4899.000	42.33	-2.31	54.0	-11.67	AV	158.00	200	Horizontal	Pass
4	6735.600	55.02	2.26	74.0	-18.98	Peak	271.00	300	Horizontal	Pass
4**	6735.600	46.35	2.26	54.0	-7.65	AV	271.00	300	Horizontal	Pass
5	10315.737	51.68	-0.27	74.0	-22.32	Peak	153.00	300	Horizontal	Pass
5**	10315.737	42.40	-0.27	54.0	-11.60	AV	153.00	300	Horizontal	Pass
6	17197.011	51.98	2.07	74.0	-22.02	Peak	50.00	400	Horizontal	Pass
6**	17197.011	44.78	2.07	54.0	-9.22	AV	50.00	400	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	1832.800	42.27	-16.16	74.0	-31.73	Peak	89.00	100	Vertical	Pass
1**	1832.800	30.99	-16.16	54.0	-23.01	AV	89.00	100	Vertical	Pass
2	2435.700	89.57	-12.45	74.0	15.57	Peak	327.00	150	Vertical	N/A
2**	2435.700	86.65	-12.45	54.0	32.65	AV	327.00	150	Vertical	N/A
3	4914.200	51.55	-2.18	74.0	-22.45	Peak	18.00	100	Vertical	Pass
3**	4914.200	41.86	-2.18	54.0	-12.14	AV	18.00	100	Vertical	Pass
4	6609.200	54.99	1.98	74.0	-19.01	Peak	323.00	300	Vertical	Pass
4**	6609.200	46.12	1.98	54.0	-7.88	AV	323.00	300	Vertical	Pass
5	9971.025	51.96	-0.66	74.0	-22.04	Peak	12.00	400	Vertical	Pass
5**	9971.025	41.20	-0.66	54.0	-12.80	AV	12.00	400	Vertical	Pass
6	17190.713	52.74	2.31	74.0	-21.26	Peak	1.00	300	Vertical	Pass
6**	17190.713	44.57	2.31	54.0	-9.43	AV	1.00	300	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	1166.800	47.90	-17.91	74.0	-26.10	Peak	139.00	100	Horizontal	Pass
1**	1166.800	46.41	-17.91	54.0	-7.59	AV	139.00	100	Horizontal	Pass
2	2463.400	100.58	-12.50	74.0	26.58	Peak	327.00	100	Horizontal	N/A
2**	2463.400	97.65	-12.50	54.0	43.65	AV	327.00	100	Horizontal	N/A
3	4806.800	51.32	-2.19	74.0	-22.68	Peak	160.00	150	Horizontal	Pass
3**	4806.800	42.30	-2.19	54.0	-11.70	AV	160.00	150	Horizontal	Pass
4	6289.800	54.73	1.32	74.0	-19.27	Peak	334.00	100	Horizontal	Pass
4**	6289.800	44.77	1.32	54.0	-9.23	AV	334.00	100	Horizontal	Pass
5	9839.638	52.06	-0.60	74.0	-21.94	Peak	161.00	400	Horizontal	Pass
5**	9839.638	41.49	-0.60	54.0	-12.51	AV	161.00	400	Horizontal	Pass
6	17208.562	51.63	1.53	74.0	-22.37	Peak	0.00	100	Horizontal	Pass
6**	17208.562	44.30	1.53	54.0	-9.70	AV	0.00	100	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	1332.500	44.55	-17.10	74.0	-29.45	Peak	30.00	400	Vertical	Pass
1**	1332.500	29.92	-17.10	54.0	-24.08	AV	30.00	400	Vertical	Pass
2	2463.300	87.77	-12.50	74.0	13.77	Peak	298.00	100	Vertical	N/A
2**	2463.300	84.88	-12.50	54.0	30.88	AV	298.00	100	Vertical	N/A
3	4767.800	50.99	-2.20	74.0	-23.01	Peak	221.00	100	Vertical	Pass
3**	4767.800	42.15	-2.20	54.0	-11.85	AV	221.00	100	Vertical	Pass
4	6740.200	55.56	2.26	74.0	-18.44	Peak	343.00	200	Vertical	Pass
4**	6740.200	46.36	2.26	54.0	-7.64	AV	343.00	200	Vertical	Pass
5	12725.850	51.94	1.26	74.0	-22.06	Peak	12.00	100	Vertical	Pass
5**	12725.850	41.67	1.26	54.0	-12.33	AV	12.00	100	Vertical	Pass
6	17197.011	51.84	2.07	74.0	-22.16	Peak	0.00	200	Vertical	Pass
6**	17197.011	44.59	2.07	54.0	-9.41	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	49.49	-17.91	74.0	-24.51	Peak	140.00	200	Horizontal	Pass
1**	1166.900	46.13	-17.91	54.0	-7.87	AV	140.00	200	Horizontal	Pass
2	2409.800	105.56	-11.96	74.0	31.56	Peak	327.00	200	Horizontal	N/A
2**	2409.800	97.85	-11.96	54.0	43.85	AV	327.00	200	Horizontal	N/A
3	4914.800	51.28	-2.13	74.0	-22.72	Peak	244.00	200	Horizontal	Pass
3**	4914.800	42.21	-2.13	54.0	-11.79	AV	244.00	200	Horizontal	Pass
4	6607.400	54.81	1.91	74.0	-19.19	Peak	19.00	400	Horizontal	Pass
4**	6607.400	46.00	1.91	54.0	-8.00	AV	19.00	400	Horizontal	Pass
5	10440.225	52.37	-0.28	74.0	-21.63	Peak	250.00	400	Horizontal	Pass
5**	10440.225	42.46	-0.28	54.0	-11.54	AV	250.00	400	Horizontal	Pass
6	17198.062	51.51	2.01	74.0	-22.49	Peak	17.00	300	Horizontal	Pass
6**	17198.062	45.26	2.01	54.0	-8.74	AV	17.00	300	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	1330.700	44.09	-17.36	74.0	-29.91	Peak	107.00	100	Vertical	Pass
1**	1330.700	35.86	-17.36	54.0	-18.14	AV	107.00	100	Vertical	Pass
2	2409.500	92.37	-11.97	74.0	18.37	Peak	326.00	150	Vertical	N/A
2**	2409.500	84.64	-11.97	54.0	30.64	AV	326.00	150	Vertical	N/A
3	4810.400	51.07	-2.39	74.0	-22.93	Peak	111.00	150	Vertical	Pass
3**	4810.400	41.82	-2.39	54.0	-12.18	AV	111.00	150	Vertical	Pass
4	6596.800	54.75	0.48	74.0	-19.25	Peak	202.00	200	Vertical	Pass
4**	6596.800	45.08	0.48	54.0	-8.92	AV	202.00	200	Vertical	Pass
5	12710.612	51.83	0.99	74.0	-22.17	Peak	12.00	100	Vertical	Pass
5**	12710.612	41.83	0.99	54.0	-12.17	AV	12.00	100	Vertical	Pass
6	17205.150	52.40	1.64	74.0	-21.60	Peak	183.00	300	Vertical	Pass
6**	17205.150	45.47	1.64	54.0	-8.53	AV	183.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	47.66	-17.91	74.0	-26.34	Peak	145.00	400	Horizontal	Pass
1**	1166.800	46.20	-17.91	54.0	-7.80	AV	145.00	400	Horizontal	Pass
2	2438.200	102.70	-12.30	74.0	28.70	Peak	327.00	100	Horizontal	N/A
2**	2438.200	95.12	-12.30	54.0	41.12	AV	327.00	100	Horizontal	N/A
3	4913.400	51.51	-2.25	74.0	-22.49	Peak	189.00	200	Horizontal	Pass
3**	4913.400	41.84	-2.25	54.0	-12.16	AV	189.00	200	Horizontal	Pass
4	6601.800	55.68	1.30	74.0	-18.32	Peak	343.00	400	Horizontal	Pass
4**	6601.800	46.50	1.30	54.0	-7.50	AV	343.00	400	Horizontal	Pass
5	10189.525	51.66	0.26	74.0	-22.34	Peak	139.00	300	Horizontal	Pass
5**	10189.525	42.45	0.26	54.0	-11.55	AV	139.00	300	Horizontal	Pass
6	17417.511	51.57	3.70	74.0	-22.43	Peak	255.00	100	Horizontal	Pass
6**	17417.511	44.66	3.70	54.0	-9.34	AV	255.00	100	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	1166.600	42.15	-17.91	74.0	-31.85	Peak	95.00	200	Vertical	Pass
1**	1166.600	38.69	-17.91	54.0	-15.31	AV	95.00	200	Vertical	Pass
2	2435.600	89.91	-12.46	74.0	15.91	Peak	325.00	100	Vertical	N/A
2**	2435.600	82.46	-12.46	54.0	28.46	AV	325.00	100	Vertical	N/A
3	4912.600	51.05	-2.29	74.0	-22.95	Peak	39.00	200	Vertical	Pass
3**	4912.600	41.78	-2.29	54.0	-12.22	AV	39.00	200	Vertical	Pass
4	6613.000	55.75	2.19	74.0	-18.25	Peak	0.00	100	Vertical	Pass
4**	6613.000	46.24	2.19	54.0	-7.76	AV	0.00	100	Vertical	Pass
5	11226.825	52.13	-0.25	74.0	-21.87	Peak	360.00	200	Vertical	Pass
5**	11226.825	43.75	-0.25	54.0	-10.25	AV	360.00	200	Vertical	Pass
6	17207.511	51.68	1.56	74.0	-22.32	Peak	237.00	300	Vertical	Pass
6**	17207.511	44.30	1.56	54.0	-9.70	AV	237.00	300	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	1166.500	47.68	-17.91	74.0	-26.32	Peak	130.00	400	Horizontal	Pass
1**	1166.500	45.59	-17.91	54.0	-8.41	AV	130.00	400	Horizontal	Pass
2	2463.300	100.35	-12.50	74.0	26.35	Peak	326.00	200	Horizontal	N/A
2**	2463.300	93.36	-12.50	54.0	39.36	AV	326.00	200	Horizontal	N/A
3	3332.800	46.80	-8.24	74.0	-27.20	Peak	218.00	100	Horizontal	Pass
3**	3332.800	35.66	-8.24	54.0	-18.34	AV	218.00	100	Horizontal	Pass
4	6652.200	54.88	0.86	74.0	-19.12	Peak	167.00	100	Horizontal	Pass
4**	6652.200	44.93	0.86	54.0	-9.07	AV	167.00	100	Horizontal	Pass
5	10332.987	51.78	0.04	74.0	-22.22	Peak	139.00	200	Horizontal	Pass
5**	10332.987	42.97	0.04	54.0	-11.03	AV	139.00	200	Horizontal	Pass
6	17193.863	51.88	2.22	74.0	-22.12	Peak	0.00	300	Horizontal	Pass
6**	17193.863	44.10	2.22	54.0	-9.90	AV	0.00	300	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	1328.100	43.97	-17.12	74.0	-30.03	Peak	117.00	200	Vertical	Pass
1**	1328.100	29.74	-17.12	54.0	-24.26	AV	117.00	200	Vertical	Pass
2	2463.200	87.14	-12.49	74.0	13.14	Peak	302.00	100	Vertical	N/A
2**	2463.200	79.85	-12.49	54.0	25.85	AV	302.00	100	Vertical	N/A
3	4898.200	51.36	-2.34	74.0	-22.64	Peak	11.00	150	Vertical	Pass
3**	4898.200	42.29	-2.34	54.0	-11.71	AV	11.00	150	Vertical	Pass
4	6614.600	55.21	2.00	74.0	-18.79	Peak	166.00	300	Vertical	Pass
4**	6614.600	45.77	2.00	54.0	-8.23	AV	166.00	300	Vertical	Pass
5	11570.099	51.75	-0.39	74.0	-22.25	Peak	217.00	200	Vertical	Pass
5**	11570.099	40.88	-0.39	54.0	-13.12	AV	217.00	200	Vertical	Pass
6	17209.350	52.30	1.51	74.0	-21.70	Peak	230.00	200	Vertical	Pass
6**	17209.350	43.57	1.51	54.0	-10.43	AV	230.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	48.87	-17.91	74.0	-25.13	Peak	68.00	100	Horizontal	Pass
1**	1166.700	46.51	-17.91	54.0	-7.49	AV	68.00	100	Horizontal	Pass
2	2410.000	104.79	-11.96	74.0	30.79	Peak	327.00	200	Horizontal	N/A
2**	2410.000	97.59	-11.96	54.0	43.59	AV	327.00	200	Horizontal	N/A
3	4898.400	51.79	-2.33	74.0	-22.21	Peak	221.00	100	Horizontal	Pass
3**	4898.400	42.79	-2.33	54.0	-11.21	AV	221.00	100	Horizontal	Pass
4	6737.400	54.67	2.32	74.0	-19.33	Peak	33.00	200	Horizontal	Pass
4**	6737.400	46.47	2.32	54.0	-7.53	AV	33.00	200	Horizontal	Pass
5	12225.313	51.51	1.31	74.0	-22.49	Peak	236.00	300	Horizontal	Pass
5**	12225.313	42.83	1.31	54.0	-11.17	AV	236.00	300	Horizontal	Pass
6	17196.751	51.99	2.08	74.0	-22.01	Peak	206.00	100	Horizontal	Pass
6**	17196.751	44.11	2.08	54.0	-9.89	AV	206.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	42.40	-17.91	74.0	-31.60	Peak	63.00	100	Vertical	Pass
1**	1166.700	39.55	-17.91	54.0	-14.45	AV	63.00	100	Vertical	Pass
2	2406.600	91.84	-11.86	74.0	17.84	Peak	323.00	150	Vertical	N/A
2**	2406.600	84.08	-11.86	54.0	30.08	AV	323.00	150	Vertical	N/A
3	4849.800	51.71	-2.94	74.0	-22.29	Peak	241.00	150	Vertical	Pass
3**	4849.800	41.98	-2.94	54.0	-12.02	AV	241.00	150	Vertical	Pass
4	6180.000	55.26	0.78	74.0	-18.74	Peak	118.00	200	Vertical	Pass
4**	6180.000	45.95	0.78	54.0	-8.05	AV	118.00	200	Vertical	Pass
5	12221.862	51.66	1.26	74.0	-22.34	Peak	239.00	100	Vertical	Pass
5**	12221.862	42.37	1.26	54.0	-11.63	AV	239.00	100	Vertical	Pass
6	17195.176	52.40	2.18	74.0	-21.60	Peak	15.00	400	Vertical	Pass
6**	17195.176	44.51	2.18	54.0	-9.49	AV	15.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.76	-17.91	74.0	-26.24	Peak	139.00	300	Horizontal	Pass
1**	1166.600	45.95	-17.91	54.0	-8.05	AV	139.00	300	Horizontal	Pass
2	2434.500	102.41	-12.48	74.0	28.41	Peak	319.00	150	Horizontal	N/A
2**	2434.500	94.99	-12.48	54.0	40.99	AV	319.00	150	Horizontal	N/A
3	4882.000	51.53	-2.60	74.0	-22.47	Peak	360.00	150	Horizontal	Pass
3**	4882.000	41.78	-2.60	54.0	-12.22	AV	360.00	150	Horizontal	Pass
4	6611.200	55.20	2.12	74.0	-18.80	Peak	159.00	200	Horizontal	Pass
4**	6611.200	46.58	2.12	54.0	-7.42	AV	159.00	200	Horizontal	Pass
5	10163.937	51.98	-0.30	74.0	-22.02	Peak	126.00	300	Horizontal	Pass
5**	10163.937	42.31	-0.30	54.0	-11.69	AV	126.00	300	Horizontal	Pass
6	17203.313	51.80	1.73	74.0	-22.20	Peak	60.00	100	Horizontal	Pass
6**	17203.313	43.92	1.73	54.0	-10.08	AV	60.00	100	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	1167.000	42.93	-17.92	74.0	-31.07	Peak	61.00	300	Vertical	Pass
1**	1167.000	39.48	-17.92	54.0	-14.52	AV	61.00	300	Vertical	Pass
2	2434.000	89.38	-12.49	74.0	15.38	Peak	318.00	150	Vertical	N/A
2**	2434.000	83.26	-12.49	54.0	29.26	AV	318.00	150	Vertical	N/A
3	4919.000	51.77	-2.21	74.0	-22.23	Peak	232.00	150	Vertical	Pass
3**	4919.000	41.71	-2.21	54.0	-12.29	AV	232.00	150	Vertical	Pass
4	6739.200	55.02	2.21	74.0	-18.98	Peak	99.00	300	Vertical	Pass
4**	6739.200	45.40	2.21	54.0	-8.60	AV	99.00	300	Vertical	Pass
5	10196.712	52.42	0.45	74.0	-21.58	Peak	156.00	100	Vertical	Pass
5**	10196.712	43.41	0.45	54.0	-10.59	AV	156.00	100	Vertical	Pass
6	17183.625	52.34	2.57	74.0	-21.66	Peak	251.00	300	Vertical	Pass
6**	17183.625	43.36	2.57	54.0	-10.64	AV	251.00	300	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	1166.500	47.70	-17.91	74.0	-26.30	Peak	141.00	200	Horizontal	Pass
1**	1166.500	45.28	-17.91	54.0	-8.72	AV	141.00	200	Horizontal	Pass
2	2459.200	99.77	-12.82	74.0	25.77	Peak	309.00	150	Horizontal	N/A
2**	2459.200	92.99	-12.82	54.0	38.99	AV	309.00	150	Horizontal	N/A
3	4808.600	51.47	-2.00	74.0	-22.53	Peak	165.00	100	Horizontal	Pass
3**	4808.600	42.37	-2.00	54.0	-11.63	AV	165.00	100	Horizontal	Pass
4	6605.400	55.88	1.88	74.0	-18.12	Peak	346.00	300	Horizontal	Pass
4**	6605.400	45.68	1.88	54.0	-8.32	AV	346.00	300	Horizontal	Pass
5	10935.300	51.46	-0.02	74.0	-22.54	Peak	152.00	200	Horizontal	Pass
5**	10935.300	41.83	-0.02	54.0	-12.17	AV	152.00	200	Horizontal	Pass
6	17218.011	52.55	1.36	74.0	-21.45	Peak	315.00	300	Horizontal	Pass
6**	17218.011	44.41	1.36	54.0	-9.59	AV	315.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.800	44.02	-17.15	74.0	-29.98	Peak	114.00	400	Vertical	Pass
1**	1327.800	29.09	-17.15	54.0	-24.91	AV	114.00	400	Vertical	Pass
2	2464.000	86.91	-12.54	74.0	12.91	Peak	295.00	200	Vertical	N/A
2**	2464.000	79.64	-12.54	54.0	25.64	AV	295.00	200	Vertical	N/A
3	4916.000	51.02	-2.20	74.0	-22.98	Peak	360.00	150	Vertical	Pass
3**	4916.000	41.56	-2.20	54.0	-12.44	AV	360.00	150	Vertical	Pass
4	6602.200	55.02	1.37	74.0	-18.98	Peak	20.00	400	Vertical	Pass
4**	6602.200	45.97	1.37	54.0	-8.03	AV	20.00	400	Vertical	Pass
5	10319.188	51.86	-0.20	74.0	-22.14	Peak	0.00	100	Vertical	Pass
5**	10319.188	42.97	-0.20	54.0	-11.03	AV	0.00	100	Vertical	Pass
6	17181.000	51.89	2.65	74.0	-22.11	Peak	44.00	200	Vertical	Pass
6**	17181.000	44.50	2.65	54.0	-9.50	AV	44.00	200	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	1166.500	47.96	-17.91	74.0	-26.04	Peak	124.00	100	Horizontal	Pass
1**	1166.500	45.63	-17.91	54.0	-8.37	AV	124.00	100	Horizontal	Pass
2	2409.900	101.93	-11.96	74.0	27.93	Peak	320.00	150	Horizontal	N/A
2**	2409.900	94.40	-11.96	54.0	40.40	AV	320.00	150	Horizontal	N/A
3	4791.200	51.00	-1.66	74.0	-23.00	Peak	0.00	100	Horizontal	Pass
3**	4791.200	41.78	-1.66	54.0	-12.22	AV	0.00	100	Horizontal	Pass
4	6618.800	54.87	1.87	74.0	-19.13	Peak	30.00	200	Horizontal	Pass
4**	6618.800	45.96	1.87	54.0	-8.04	AV	30.00	200	Horizontal	Pass
5	10189.237	51.84	0.26	74.0	-22.16	Peak	328.00	300	Horizontal	Pass
5**	10189.237	43.15	0.26	54.0	-10.85	AV	328.00	300	Horizontal	Pass
6	17202.000	52.18	1.79	74.0	-21.82	Peak	292.00	300	Horizontal	Pass
6**	17202.000	44.14	1.79	54.0	-9.86	AV	292.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	44.49	-17.07	74.0	-29.51	Peak	64.00	300	Vertical	Pass
1**	1333.300	33.06	-17.07	54.0	-20.94	AV	64.00	300	Vertical	Pass
2	2415.900	88.18	-11.66	74.0	14.18	Peak	130.00	150	Vertical	N/A
2**	2415.900	80.87	-11.66	54.0	26.87	AV	130.00	150	Vertical	N/A
3	4907.200	51.29	-2.40	74.0	-22.71	Peak	226.00	150	Vertical	Pass
3**	4907.200	42.90	-2.40	54.0	-11.10	AV	226.00	150	Vertical	Pass
4	6611.600	55.79	2.14	74.0	-18.21	Peak	282.00	300	Vertical	Pass
4**	6611.600	46.85	2.14	54.0	-7.15	AV	282.00	300	Vertical	Pass
5	9949.750	51.86	-0.77	74.0	-22.14	Peak	0.00	300	Vertical	Pass
5**	9949.750	42.05	-0.77	54.0	-11.95	AV	0.00	300	Vertical	Pass
6	17202.786	52.31	1.75	74.0	-21.69	Peak	168.00	200	Vertical	Pass
6**	17202.786	45.04	1.75	54.0	-8.96	AV	168.00	200	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	1166.800	50.07	-17.91	74.0	-23.93	Peak	127.00	300	Horizontal	Pass
1**	1166.800	46.35	-17.91	54.0	-7.65	AV	127.00	300	Horizontal	Pass
2	2424.500	100.30	-12.52	74.0	26.30	Peak	325.00	150	Horizontal	N/A
2**	2424.500	92.40	-12.52	54.0	38.40	AV	325.00	150	Horizontal	N/A
3	4371.400	49.69	-2.99	74.0	-24.31	Peak	71.00	100	Horizontal	Pass
3**	4371.400	39.27	-2.99	54.0	-14.73	AV	71.00	100	Horizontal	Pass
4	6279.400	55.20	0.91	74.0	-18.80	Peak	126.00	400	Horizontal	Pass
4**	6279.400	45.13	0.91	54.0	-8.87	AV	126.00	400	Horizontal	Pass
5	10918.625	52.30	0.23	74.0	-21.70	Peak	348.00	100	Horizontal	Pass
5**	10918.625	42.51	0.23	54.0	-11.49	AV	348.00	100	Horizontal	Pass
6	17197.275	52.04	2.05	74.0	-21.96	Peak	147.00	400	Horizontal	Pass
6**	17197.275	44.50	2.05	54.0	-9.50	AV	147.00	400	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	1333.400	41.92	-17.06	74.0	-32.08	Peak	0.00	100	Vertical	Pass
1**	1333.400	33.17	-17.06	54.0	-20.83	AV	0.00	100	Vertical	Pass
2	2431.100	87.14	-12.53	74.0	13.14	Peak	316.00	200	Vertical	N/A
2**	2431.100	79.47	-12.53	54.0	25.47	AV	316.00	200	Vertical	N/A
3	4960.200	51.27	-2.02	74.0	-22.73	Peak	0.00	200	Vertical	Pass
3**	4960.200	41.51	-2.02	54.0	-12.49	AV	0.00	200	Vertical	Pass
4	6679.800	54.54	-0.11	74.0	-19.46	Peak	29.00	200	Vertical	Pass
4**	6679.800	45.11	-0.11	54.0	-8.89	AV	29.00	200	Vertical	Pass
5	10926.675	51.57	0.13	74.0	-22.43	Peak	295.00	300	Vertical	Pass
5**	10926.675	43.07	0.13	54.0	-10.93	AV	295.00	300	Vertical	Pass
6	17201.213	51.79	1.83	74.0	-22.21	Peak	134.00	300	Vertical	Pass
6**	17201.213	44.13	1.83	54.0	-9.87	AV	134.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	49.65	-17.91	74.0	-24.35	Peak	129.00	200	Horizontal	Pass
1**	1166.700	47.32	-17.91	54.0	-6.68	AV	129.00	200	Horizontal	Pass
2	2442.100	99.12	-12.17	74.0	25.12	Peak	316.00	100	Horizontal	N/A
2**	2442.100	91.79	-12.17	54.0	37.79	AV	316.00	100	Horizontal	N/A
3	4919.400	51.76	-2.16	74.0	-22.24	Peak	297.00	100	Horizontal	Pass
3**	4919.400	42.27	-2.16	54.0	-11.73	AV	297.00	100	Horizontal	Pass
4	6739.200	54.81	2.21	74.0	-19.19	Peak	266.00	300	Horizontal	Pass
4**	6739.200	45.69	2.21	54.0	-8.31	AV	266.00	300	Horizontal	Pass
5	12557.375	51.74	1.63	74.0	-22.26	Peak	173.00	200	Horizontal	Pass
5**	12557.375	41.73	1.63	54.0	-12.27	AV	173.00	200	Horizontal	Pass
6	17209.874	52.47	1.49	74.0	-21.53	Peak	256.00	400	Horizontal	Pass
6**	17209.874	43.89	1.49	54.0	-10.11	AV	256.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	41.92	-17.06	74.0	-32.08	Peak	0.00	100	Vertical	Pass
1**	1333.400	33.17	-17.06	54.0	-20.83	AV	0.00	100	Vertical	Pass
2	2431.100	87.14	-12.53	74.0	13.14	Peak	316.00	200	Vertical	N/A
2**	2431.100	79.47	-12.53	54.0	25.47	AV	316.00	200	Vertical	N/A
3	4960.200	51.27	-2.02	74.0	-22.73	Peak	0.00	200	Vertical	Pass
3**	4960.200	41.51	-2.02	54.0	-12.49	AV	0.00	200	Vertical	Pass
4	6679.800	54.54	-0.11	74.0	-19.46	Peak	29.00	200	Vertical	Pass
4**	6679.800	45.11	-0.11	54.0	-8.89	AV	29.00	200	Vertical	Pass
5	10926.675	51.57	0.13	74.0	-22.43	Peak	295.00	300	Vertical	Pass
5**	10926.675	43.07	0.13	54.0	-10.93	AV	295.00	300	Vertical	Pass
6	17201.213	51.79	1.83	74.0	-22.21	Peak	134.00	300	Vertical	Pass
6**	17201.213	44.13	1.83	54.0	-9.87	AV	134.00	300	Vertical	Pass

Aux. Antenna

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	1166.500	48.35	-17.91	74.0	-25.65	Peak	123.00	400	Horizontal	Pass
1**	1166.500	47.16	-17.91	54.0	-6.84	AV	123.00	400	Horizontal	Pass
2	2413.400	96.19	-11.64	74.0	22.19	Peak	314.00	200	Horizontal	N/A
2**	2413.400	93.24	-11.64	54.0	39.24	AV	314.00	200	Horizontal	N/A
3	4780.000	51.86	-1.63	74.0	-22.14	Peak	60.00	200	Horizontal	Pass
3**	4780.000	42.21	-1.63	54.0	-11.79	AV	60.00	200	Horizontal	Pass
4	6665.200	55.63	0.76	74.0	-18.37	Peak	130.00	100	Horizontal	Pass
4**	6665.200	45.93	0.76	54.0	-8.07	AV	130.00	100	Horizontal	Pass
5	10182.050	51.92	0.08	74.0	-22.08	Peak	122.00	300	Horizontal	Pass
5**	10182.050	43.04	0.08	54.0	-10.96	AV	122.00	300	Horizontal	Pass
6	17181.786	51.87	2.63	74.0	-22.13	Peak	0.00	400	Horizontal	Pass
6**	17181.786	43.86	2.63	54.0	-10.14	AV	0.00	400	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	1330.300	42.99	-17.36	74.0	-31.01	Peak	360.00	100	Vertical	Pass
1**	1330.300	32.59	-17.36	54.0	-21.41	AV	360.00	100	Vertical	Pass
2	2413.600	81.32	-11.60	74.0	7.32	Peak	257.00	200	Vertical	N/A
2**	2413.600	78.31	-11.60	54.0	24.31	AV	257.00	200	Vertical	N/A
3	4777.000	51.55	-1.88	74.0	-22.45	Peak	7.00	200	Vertical	Pass
3**	4777.000	41.72	-1.88	54.0	-12.28	AV	7.00	200	Vertical	Pass
4	6681.600	55.13	-0.13	74.0	-18.87	Peak	58.00	400	Vertical	Pass
4**	6681.600	45.99	-0.13	54.0	-8.01	AV	58.00	400	Vertical	Pass
5	11822.812	51.84	1.09	74.0	-22.16	Peak	172.00	200	Vertical	Pass
5**	11822.812	41.44	1.09	54.0	-12.56	AV	172.00	200	Vertical	Pass
6	17414.099	52.18	3.60	74.0	-21.82	Peak	143.00	100	Vertical	Pass
6**	17414.099	43.23	3.60	54.0	-10.77	AV	143.00	100	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	1166.800	47.62	-17.91	74.0	-26.38	Peak	132.00	100	Horizontal	Pass
1**	1166.800	46.51	-17.91	54.0	-7.49	AV	132.00	100	Horizontal	Pass
2	2438.600	97.94	-12.29	74.0	23.94	Peak	310.00	100	Horizontal	N/A
2**	2438.600	95.00	-12.29	54.0	41.00	AV	310.00	100	Horizontal	N/A
3	4808.800	52.79	-1.98	74.0	-21.21	Peak	330.00	200	Horizontal	Pass
3**	4808.800	42.03	-1.98	54.0	-11.97	AV	330.00	200	Horizontal	Pass
4	6612.400	55.31	2.16	74.0	-18.69	Peak	341.00	100	Horizontal	Pass
4**	6612.400	45.74	2.16	54.0	-8.26	AV	341.00	100	Horizontal	Pass
5	10335.287	52.76	0.07	74.0	-21.24	Peak	0.00	200	Horizontal	Pass
5**	10335.287	42.36	0.07	54.0	-11.64	AV	0.00	200	Horizontal	Pass
6	17209.612	51.90	1.50	74.0	-22.10	Peak	93.00	100	Horizontal	Pass
6**	17209.612	43.99	1.50	54.0	-10.01	AV	93.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.100	43.78	-17.07	74.0	-30.22	Peak	195.00	100	Vertical	Pass
1**	1333.100	32.63	-17.07	54.0	-21.37	AV	195.00	100	Vertical	Pass
2	2438.400	83.36	-12.29	74.0	9.36	Peak	242.00	200	Vertical	N/A
2**	2438.400	80.36	-12.29	54.0	26.36	AV	242.00	200	Vertical	N/A
3	4809.800	51.24	-2.21	74.0	-22.76	Peak	320.00	200	Vertical	Pass
3**	4809.800	42.18	-2.21	54.0	-11.82	AV	320.00	200	Vertical	Pass
4	6272.200	54.89	0.79	74.0	-19.11	Peak	142.00	300	Vertical	Pass
4**	6272.200	45.44	0.79	54.0	-8.56	AV	142.00	300	Vertical	Pass
5	10927.250	51.32	0.13	74.0	-22.68	Peak	26.00	200	Vertical	Pass
5**	10927.250	41.69	0.13	54.0	-12.31	AV	26.00	200	Vertical	Pass
6	17203.050	51.51	1.74	74.0	-22.49	Peak	35.00	300	Vertical	Pass
6**	17203.050	44.26	1.74	54.0	-9.74	AV	35.00	300	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	1166.700	47.55	-17.91	74.0	-26.45	Peak	133.00	100	Horizontal	Pass
1**	1166.700	45.98	-17.91	54.0	-8.02	AV	133.00	100	Horizontal	Pass
2	2463.400	99.41	-12.50	74.0	25.41	Peak	308.00	100	Horizontal	N/A
2**	2463.400	96.46	-12.50	54.0	42.46	AV	308.00	100	Horizontal	N/A
3	4772.400	51.40	-1.50	74.0	-22.60	Peak	106.00	100	Horizontal	Pass
3**	4772.400	42.15	-1.50	54.0	-11.85	AV	106.00	100	Horizontal	Pass
4	6612.200	55.28	2.16	74.0	-18.72	Peak	192.00	100	Horizontal	Pass
4**	6612.200	45.97	2.16	54.0	-8.03	AV	192.00	100	Horizontal	Pass
5	10180.325	51.77	0.04	74.0	-22.23	Peak	262.00	200	Horizontal	Pass
5**	10180.325	42.38	0.04	54.0	-11.62	AV	262.00	200	Horizontal	Pass
6	17302.276	51.59	1.52	74.0	-22.41	Peak	280.00	100	Horizontal	Pass
6**	17302.276	43.68	1.52	54.0	-10.32	AV	280.00	100	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	1166.600	41.63	-17.91	74.0	-32.37	Peak	254.00	100	Vertical	Pass
1**	1166.600	38.63	-17.91	54.0	-15.37	AV	254.00	100	Vertical	Pass
2	2463.500	86.01	-12.51	74.0	12.01	Peak	240.00	200	Vertical	N/A
2**	2463.500	83.09	-12.51	54.0	29.09	AV	240.00	200	Vertical	N/A
3	4904.400	51.13	-2.07	74.0	-22.87	Peak	65.00	100	Vertical	Pass
3**	4904.400	42.19	-2.07	54.0	-11.81	AV	65.00	100	Vertical	Pass
4	6450.200	55.21	1.88	74.0	-18.79	Peak	193.00	300	Vertical	Pass
4**	6450.200	45.60	1.88	54.0	-8.40	AV	193.00	300	Vertical	Pass
5	10199.588	51.94	0.49	74.0	-22.06	Peak	189.00	100	Vertical	Pass
5**	10199.588	42.87	0.49	54.0	-11.13	AV	189.00	100	Vertical	Pass
6	17180.738	52.39	2.66	74.0	-21.61	Peak	42.00	300	Vertical	Pass
6**	17180.738	44.03	2.66	54.0	-9.97	AV	42.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.900	47.56	-17.91	74.0	-26.44	Peak	136.00	400	Horizontal	Pass
1**	1166.900	45.93	-17.91	54.0	-8.07	AV	136.00	400	Horizontal	Pass
2	2414.300	97.24	-11.48	74.0	23.24	Peak	311.00	100	Horizontal	N/A
2**	2414.300	89.83	-11.48	54.0	35.83	AV	311.00	100	Horizontal	N/A
3	4802.400	51.38	-1.91	74.0	-22.62	Peak	173.00	200	Horizontal	Pass
3**	4802.400	42.06	-1.91	54.0	-11.94	AV	173.00	200	Horizontal	Pass
4	6737.600	54.93	2.29	74.0	-19.07	Peak	121.00	100	Horizontal	Pass
4**	6737.600	46.10	2.29	54.0	-7.90	AV	121.00	100	Horizontal	Pass
5	10183.775	52.21	0.13	74.0	-21.79	Peak	236.00	100	Horizontal	Pass
5**	10183.775	42.67	0.13	54.0	-11.33	AV	236.00	100	Horizontal	Pass
6	17206.462	51.88	1.60	74.0	-22.12	Peak	40.00	200	Horizontal	Pass
6**	17206.462	44.53	1.60	54.0	-9.47	AV	40.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	44.17	-17.22	74.0	-29.83	Peak	112.00	100	Vertical	Pass
1**	1331.700	35.41	-17.22	54.0	-18.59	AV	112.00	100	Vertical	Pass
2	2414.500	82.29	-11.50	74.0	8.29	Peak	255.00	150	Vertical	N/A
2**	2414.500	74.89	-11.50	54.0	20.89	AV	255.00	150	Vertical	N/A
3	4820.400	51.43	-2.75	74.0	-22.57	Peak	8.00	100	Vertical	Pass
3**	4820.400	41.91	-2.75	54.0	-12.09	AV	8.00	100	Vertical	Pass
4	6662.000	55.13	0.86	74.0	-18.87	Peak	118.00	300	Vertical	Pass
4**	6662.000	45.02	0.86	54.0	-8.98	AV	118.00	300	Vertical	Pass
5	12229.338	51.81	1.30	74.0	-22.19	Peak	0.00	300	Vertical	Pass
5**	12229.338	42.17	1.30	54.0	-11.83	AV	0.00	300	Vertical	Pass
6	17297.814	52.26	1.58	74.0	-21.74	Peak	267.00	100	Vertical	Pass
6**	17297.814	43.13	1.58	54.0	-10.87	AV	267.00	100	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	1166.800	47.61	-17.91	74.0	-26.39	Peak	132.00	100	Horizontal	Pass
1**	1166.800	46.11	-17.91	54.0	-7.89	AV	132.00	100	Horizontal	Pass
2	2439.800	99.01	-12.27	74.0	25.01	Peak	318.00	200	Horizontal	N/A
2**	2439.800	91.71	-12.27	54.0	37.71	AV	318.00	200	Horizontal	N/A
3	4918.400	51.74	-2.28	74.0	-22.26	Peak	360.00	200	Horizontal	Pass
3**	4918.400	42.63	-2.28	54.0	-11.37	AV	360.00	200	Horizontal	Pass
4	6609.200	54.74	1.98	74.0	-19.26	Peak	69.00	200	Horizontal	Pass
4**	6609.200	46.37	1.98	54.0	-7.63	AV	69.00	200	Horizontal	Pass
5	11217.625	52.11	-0.20	74.0	-21.89	Peak	156.00	200	Horizontal	Pass
5**	11217.625	42.53	-0.20	54.0	-11.47	AV	156.00	200	Horizontal	Pass
6	17199.374	51.89	1.93	74.0	-22.11	Peak	305.00	300	Horizontal	Pass
6**	17199.374	44.25	1.93	54.0	-9.75	AV	305.00	300	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	1330.900	43.85	-17.34	74.0	-30.15	Peak	103.00	400	Vertical	Pass
1**	1330.900	35.21	-17.34	54.0	-18.79	AV	103.00	400	Vertical	Pass
2	2434.300	84.14	-12.48	74.0	10.14	Peak	242.00	100	Vertical	N/A
2**	2434.300	76.22	-12.48	54.0	22.22	AV	242.00	100	Vertical	N/A
3	4807.400	51.15	-2.13	74.0	-22.85	Peak	168.00	200	Vertical	Pass
3**	4807.400	42.59	-2.13	54.0	-11.41	AV	168.00	200	Vertical	Pass
4	6608.200	55.25	1.93	74.0	-18.75	Peak	79.00	300	Vertical	Pass
4**	6608.200	46.57	1.93	54.0	-7.43	AV	79.00	300	Vertical	Pass
5	10193.263	51.74	0.37	74.0	-22.26	Peak	155.00	200	Vertical	Pass
5**	10193.263	42.89	0.37	54.0	-11.11	AV	155.00	200	Vertical	Pass
6	17192.813	51.37	2.25	74.0	-22.63	Peak	201.00	300	Vertical	Pass
6**	17192.813	44.16	2.25	54.0	-9.84	AV	201.00	300	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	1166.500	47.65	-17.91	74.0	-26.35	Peak	122.00	200	Horizontal	Pass
1**	1166.500	45.48	-17.91	54.0	-8.52	AV	122.00	200	Horizontal	Pass
2	2464.700	100.48	-12.58	74.0	26.48	Peak	312.00	100	Horizontal	N/A
2**	2464.700	92.86	-12.58	54.0	38.86	AV	312.00	100	Horizontal	N/A
3	4777.000	51.57	-1.88	74.0	-22.43	Peak	360.00	100	Horizontal	Pass
3**	4777.000	41.65	-1.88	54.0	-12.35	AV	360.00	100	Horizontal	Pass
4	6742.200	54.92	2.21	74.0	-19.08	Peak	360.00	300	Horizontal	Pass
4**	6742.200	46.13	2.21	54.0	-7.87	AV	360.00	300	Horizontal	Pass
5	10174.000	51.93	-0.15	74.0	-22.07	Peak	122.00	200	Horizontal	Pass
5**	10174.000	42.41	-0.15	54.0	-11.59	AV	122.00	200	Horizontal	Pass
6	17292.562	52.70	1.64	74.0	-21.30	Peak	108.00	400	Horizontal	Pass
6**	17292.562	42.71	1.64	54.0	-11.29	AV	108.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	43.21	-17.20	74.0	-30.79	Peak	100.00	300	Vertical	Pass
1**	1327.200	34.34	-17.20	54.0	-19.66	AV	100.00	300	Vertical	Pass
2	2464.100	86.99	-12.54	74.0	12.99	Peak	243.00	200	Vertical	N/A
2**	2464.100	79.58	-12.54	54.0	25.58	AV	243.00	200	Vertical	N/A
3	4925.000	51.02	-2.46	74.0	-22.98	Peak	37.00	150	Vertical	Pass
3**	4925.000	41.53	-2.46	54.0	-12.47	AV	37.00	150	Vertical	Pass
4	6732.400	54.64	1.83	74.0	-19.36	Peak	109.00	300	Vertical	Pass
4**	6732.400	46.46	1.83	54.0	-7.54	AV	109.00	300	Vertical	Pass
5	10147.262	51.73	0.02	74.0	-22.27	Peak	348.00	300	Vertical	Pass
5**	10147.262	42.77	0.02	54.0	-11.23	AV	348.00	300	Vertical	Pass
6	17203.837	52.37	1.70	74.0	-21.63	Peak	293.00	100	Vertical	Pass
6**	17203.837	44.14	1.70	54.0	-9.86	AV	293.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.800	49.24	-17.91	74.0	-24.76	Peak	141.00	300	Horizontal	Pass
1**	1166.800	48.37	-17.91	54.0	-5.63	AV	141.00	300	Horizontal	Pass
2	2414.700	97.04	-11.53	74.0	23.04	Peak	316.00	100	Horizontal	N/A
2**	2414.700	89.58	-11.53	54.0	35.58	AV	316.00	100	Horizontal	N/A
3	4877.400	51.55	-2.71	74.0	-22.45	Peak	340.00	150	Horizontal	Pass
3**	4877.400	41.63	-2.71	54.0	-12.37	AV	340.00	150	Horizontal	Pass
4	6288.400	55.17	1.46	74.0	-18.83	Peak	61.00	400	Horizontal	Pass
4**	6288.400	46.65	1.46	54.0	-7.35	AV	61.00	400	Horizontal	Pass
5	11213.887	51.82	-0.19	74.0	-22.18	Peak	167.00	400	Horizontal	Pass
5**	11213.887	41.98	-0.19	54.0	-12.02	AV	167.00	400	Horizontal	Pass
6	17195.700	51.99	2.15	74.0	-22.01	Peak	286.00	100	Horizontal	Pass
6**	17195.700	44.45	2.15	54.0	-9.55	AV	286.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	43.95	-17.29	74.0	-30.05	Peak	2.00	300	Vertical	Pass
1**	1329.800	34.81	-17.29	54.0	-19.19	AV	2.00	300	Vertical	Pass
2	2414.900	82.28	-11.55	74.0	8.28	Peak	261.00	200	Vertical	N/A
2**	2414.900	74.51	-11.55	54.0	20.51	AV	261.00	200	Vertical	N/A
3	4941.800	51.30	-2.62	74.0	-22.70	Peak	7.00	200	Vertical	Pass
3**	4941.800	40.85	-2.62	54.0	-13.15	AV	7.00	200	Vertical	Pass
4	6610.800	55.86	2.10	74.0	-18.14	Peak	20.00	200	Vertical	Pass
4**	6610.800	46.54	2.10	54.0	-7.46	AV	20.00	200	Vertical	Pass
5	11219.063	51.51	-0.20	74.0	-22.49	Peak	7.00	300	Vertical	Pass
5**	11219.063	43.03	-0.20	54.0	-10.97	AV	7.00	300	Vertical	Pass
6	17199.374	51.99	1.93	74.0	-22.01	Peak	16.00	200	Vertical	Pass
6**	17199.374	43.83	1.93	54.0	-10.17	AV	16.00	200	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	1166.800	48.17	-17.91	74.0	-25.83	Peak	117.00	100	Horizontal	Pass
1**	1166.800	46.31	-17.91	54.0	-7.69	AV	117.00	100	Horizontal	Pass
2	2439.000	98.64	-12.29	74.0	24.64	Peak	309.00	100	Horizontal	N/A
2**	2439.000	90.82	-12.29	54.0	36.82	AV	309.00	100	Horizontal	N/A
3	4967.400	51.15	-1.98	74.0	-22.85	Peak	117.00	200	Horizontal	Pass
3**	4967.400	41.44	-1.98	54.0	-12.56	AV	117.00	200	Horizontal	Pass
4	6612.800	55.54	2.18	74.0	-18.46	Peak	285.00	300	Horizontal	Pass
4**	6612.800	46.32	2.18	54.0	-7.68	AV	285.00	300	Horizontal	Pass
5	10928.113	51.90	0.11	74.0	-22.10	Peak	137.00	300	Horizontal	Pass
5**	10928.113	42.51	0.11	54.0	-11.49	AV	137.00	300	Horizontal	Pass
6	17197.011	52.45	2.07	74.0	-21.55	Peak	335.00	200	Horizontal	Pass
6**	17197.011	45.38	2.07	54.0	-8.62	AV	335.00	200	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	1327.600	42.23	-17.16	74.0	-31.77	Peak	80.00	200	Vertical	Pass
1**	1327.600	30.46	-17.16	54.0	-23.54	AV	80.00	200	Vertical	Pass
2	2438.800	83.64	-12.29	74.0	9.64	Peak	229.00	150	Vertical	N/A
2**	2438.800	76.14	-12.29	54.0	22.14	AV	229.00	150	Vertical	N/A
3	4794.200	51.27	-1.78	74.0	-22.73	Peak	334.00	150	Vertical	Pass
3**	4794.200	42.44	-1.78	54.0	-11.56	AV	334.00	150	Vertical	Pass
4	6449.200	55.09	2.00	74.0	-18.91	Peak	6.00	300	Vertical	Pass
4**	6449.200	45.45	2.00	54.0	-8.55	AV	6.00	300	Vertical	Pass
5	10351.388	51.40	0.03	74.0	-22.60	Peak	288.00	100	Vertical	Pass
5**	10351.388	42.90	0.03	54.0	-11.10	AV	288.00	100	Vertical	Pass
6	17197.011	52.09	2.07	74.0	-21.91	Peak	110.00	300	Vertical	Pass
6**	17197.011	44.34	2.07	54.0	-9.66	AV	110.00	300	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	1166.700	47.82	-17.91	74.0	-26.18	Peak	135.00	200	Horizontal	Pass
1**	1166.700	46.52	-17.91	54.0	-7.48	AV	135.00	200	Horizontal	Pass
2	2463.500	100.25	-12.51	74.0	26.25	Peak	307.00	150	Horizontal	N/A
2**	2463.500	92.72	-12.51	54.0	38.72	AV	307.00	150	Horizontal	N/A
3	5287.200	52.04	-1.95	74.0	-21.96	Peak	239.00	100	Horizontal	Pass
3**	5287.200	43.26	-1.95	54.0	-10.74	AV	239.00	100	Horizontal	Pass
4	6605.400	55.04	1.88	74.0	-18.96	Peak	127.00	400	Horizontal	Pass
4**	6605.400	46.51	1.88	54.0	-7.49	AV	127.00	400	Horizontal	Pass
5	10347.650	52.31	0.03	74.0	-21.69	Peak	263.00	400	Horizontal	Pass
5**	10347.650	42.53	0.03	54.0	-11.47	AV	263.00	400	Horizontal	Pass
6	17324.587	51.75	1.34	74.0	-22.25	Peak	0.00	300	Horizontal	Pass
6**	17324.587	42.41	1.34	54.0	-11.59	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.400	43.06	-17.91	74.0	-30.94	Peak	90.00	100	Vertical	Pass
1**	1166.400	37.02	-17.91	54.0	-16.98	AV	90.00	100	Vertical	Pass
2	2463.400	86.67	-12.50	74.0	12.67	Peak	245.00	200	Vertical	N/A
2**	2463.400	79.09	-12.50	54.0	25.09	AV	245.00	200	Vertical	N/A
3	4905.200	51.82	-2.15	74.0	-22.18	Peak	212.00	150	Vertical	Pass
3**	4905.200	41.91	-2.15	54.0	-12.09	AV	212.00	150	Vertical	Pass
4	6613.600	54.95	2.12	74.0	-19.05	Peak	229.00	300	Vertical	Pass
4**	6613.600	46.02	2.12	54.0	-7.98	AV	229.00	300	Vertical	Pass
5	10197.862	51.67	0.47	74.0	-22.33	Peak	4.00	100	Vertical	Pass
5**	10197.862	43.46	0.47	54.0	-10.54	AV	4.00	100	Vertical	Pass
6	17223.526	51.37	1.38	74.0	-22.63	Peak	199.00	300	Vertical	Pass
6**	17223.526	43.97	1.38	54.0	-10.03	AV	199.00	300	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	1166.900	49.17	-17.91	74.0	-24.83	Peak	141.00	400	Horizontal	Pass
1**	1166.900	46.52	-17.91	54.0	-7.48	AV	141.00	400	Horizontal	Pass
2	2431.100	94.95	-12.53	74.0	20.95	Peak	315.00	150	Horizontal	N/A
2**	2431.100	87.09	-12.53	54.0	33.09	AV	315.00	150	Horizontal	N/A
3	4766.000	51.45	-2.10	74.0	-22.55	Peak	210.00	200	Horizontal	Pass
3**	4766.000	42.03	-2.10	54.0	-11.97	AV	210.00	200	Horizontal	Pass
4	6603.000	55.21	1.53	74.0	-18.79	Peak	274.00	400	Horizontal	Pass
4**	6603.000	47.13	1.53	54.0	-6.87	AV	274.00	400	Horizontal	Pass
5	11223.375	51.87	-0.22	74.0	-22.13	Peak	74.00	300	Horizontal	Pass
5**	11223.375	42.28	-0.22	54.0	-11.72	AV	74.00	300	Horizontal	Pass
6	17193.599	52.07	2.23	74.0	-21.93	Peak	330.00	200	Horizontal	Pass
6**	17193.599	43.79	2.23	54.0	-10.21	AV	330.00	200	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	1332.100	42.97	-17.16	74.0	-31.03	Peak	107.00	100	Vertical	Pass
1**	1332.100	30.92	-17.16	54.0	-23.08	AV	107.00	100	Vertical	Pass
2	2419.900	80.17	-11.75	74.0	6.17	Peak	255.00	150	Vertical	N/A
2**	2419.900	72.86	-11.75	54.0	18.86	AV	255.00	150	Vertical	N/A
3	4901.800	51.37	-2.17	74.0	-22.63	Peak	101.00	100	Vertical	Pass
3**	4901.800	42.11	-2.17	54.0	-11.89	AV	101.00	100	Vertical	Pass
4	6608.000	55.02	1.92	74.0	-18.98	Peak	21.00	200	Vertical	Pass
4**	6608.000	47.16	1.92	54.0	-6.84	AV	21.00	200	Vertical	Pass
5	10182.912	51.87	0.11	74.0	-22.13	Peak	171.00	400	Vertical	Pass
5**	10182.912	42.11	0.11	54.0	-11.89	AV	171.00	400	Vertical	Pass
6	17202.262	52.34	1.78	74.0	-21.66	Peak	64.00	400	Vertical	Pass
6**	17202.262	43.70	1.78	54.0	-10.30	AV	64.00	400	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	1167.000	48.67	-17.92	74.0	-25.33	Peak	119.00	100	Horizontal	Pass
1**	1167.000	45.79	-17.92	54.0	-8.21	AV	119.00	100	Horizontal	Pass
2	2439.300	96.73	-12.28	74.0	22.73	Peak	305.00	200	Horizontal	N/A
2**	2439.300	88.35	-12.28	54.0	34.35	AV	305.00	200	Horizontal	N/A
3	4767.800	50.82	-2.20	74.0	-23.18	Peak	0.00	100	Horizontal	Pass
3**	4767.800	41.97	-2.20	54.0	-12.03	AV	0.00	100	Horizontal	Pass
4	6672.800	55.00	-0.02	74.0	-19.00	Peak	207.00	400	Horizontal	Pass
4**	6672.800	45.48	-0.02	54.0	-8.52	AV	207.00	400	Horizontal	Pass
5	10330.112	51.50	0.01	74.0	-22.50	Peak	8.00	400	Horizontal	Pass
5**	10330.112	42.23	0.01	54.0	-11.77	AV	8.00	400	Horizontal	Pass
6	17470.011	52.58	2.91	74.0	-21.42	Peak	276.00	400	Horizontal	Pass
6**	17470.011	42.21	2.91	54.0	-11.79	AV	276.00	400	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	1329.100	44.37	-17.19	74.0	-29.63	Peak	110.00	100	Vertical	Pass
1**	1329.100	34.56	-17.19	54.0	-19.44	AV	110.00	100	Vertical	Pass
2	2439.300	80.86	-12.28	74.0	6.86	Peak		200	Vertical	N/A
2**	2439.300	73.37	-12.28	54.0	19.37	AV	241.00	200	Vertical	N/A
3	4769.200	51.69	-2.22	74.0	-22.31	Peak	291.00	100	Vertical	Pass
3**	4769.200	43.56	-2.22	54.0	-10.44	AV	291.00	100	Vertical	Pass
4	6743.400	55.07	2.06	74.0	-18.93	Peak	190.00	200	Vertical	Pass
4**	6743.400	45.34	2.06	54.0	-8.66	AV	190.00	200	Vertical	Pass
5	11936.088	51.86	1.69	74.0	-22.14	Peak	246.00	400	Vertical	Pass
5**	11936.088	42.43	1.69	54.0	-11.57	AV	246.00	400	Vertical	Pass
6	17208.562	51.83	1.53	74.0	-22.17	Peak	297.00	300	Vertical	Pass
6**	17208.562	44.11	1.53	54.0	-9.89	AV	297.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	48.83	-17.91	74.0	-25.17	Peak	123.00	200	Horizontal	Pass
1**	1166.500	47.20	-17.91	54.0	-6.80	AV	123.00	200	Horizontal	Pass
2	2460.800	96.04	-12.84	74.0	22.04	Peak	323.00	100	Horizontal	N/A
2**	2460.800	88.65	-12.84	54.0	34.65	AV	323.00	100	Horizontal	N/A
3	5098.200	52.24	-1.38	74.0	-21.76	Peak	330.00	100	Horizontal	Pass
3**	5098.200	42.34	-1.38	54.0	-11.66	AV	330.00	100	Horizontal	Pass
4	6608.800	55.52	1.95	74.0	-18.48	Peak	360.00	400	Horizontal	Pass
4**	6608.800	46.43	1.95	54.0	-7.57	AV	360.00	400	Horizontal	Pass
5	10341.613	51.93	0.07	74.0	-22.07	Peak	357.00	200	Horizontal	Pass
5**	10341.613	42.92	0.07	54.0	-11.08	AV	357.00	200	Horizontal	Pass
6	17197.801	52.81	2.02	74.0	-21.19	Peak	270.00	100	Horizontal	Pass
6**	17197.801	44.89	2.02	54.0	-9.11	AV	270.00	100	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	1332.100	42.66	-17.16	74.0	-31.34	Peak	101.00	400	Vertical	Pass
1**	1332.100	30.08	-17.16	54.0	-23.92	AV	101.00	400	Vertical	Pass
2	2462.200	81.52	-12.63	74.0	7.52	Peak	244.00	200	Vertical	N/A
2**	2462.200	73.54	-12.63	54.0	19.54	AV	244.00	200	Vertical	N/A
3	4883.200	51.27	-2.55	74.0	-22.73	Peak	14.00	200	Vertical	Pass
3**	4883.200	43.18	-2.55	54.0	-10.82	AV	14.00	200	Vertical	Pass
4	6455.800	54.80	1.60	74.0	-19.20	Peak	80.00	300	Vertical	Pass
4**	6455.800	45.66	1.60	54.0	-8.34	AV	80.00	300	Vertical	Pass
5	11219.925	52.40	-0.21	74.0	-21.60	Peak	66.00	200	Vertical	Pass
5**	11219.925	42.56	-0.21	54.0	-11.44	AV	66.00	200	Vertical	Pass
6	17184.676	52.29	2.54	74.0	-21.71	Peak	62.00	300	Vertical	Pass
6**	17184.676	43.80	2.54	54.0	-10.20	AV	62.00	300	Vertical	Pass

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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	1166.500	49.51	-17.91	74.0	-24.49	Peak	136.00	300	Horizontal	Pass
1**	1166.500	45.87	-17.91	54.0	-8.13	AV	136.00	300	Horizontal	Pass
2	2410.100	103.59	-11.96	74.0	29.59	Peak	311.00	100	Horizontal	N/A
2**	2410.100	96.10	-11.96	54.0	42.10	AV	311.00	100	Horizontal	N/A
3	4892.400	50.83	-2.23	74.0	-23.17	Peak	27.00	150	Horizontal	Pass
3**	4892.400	42.55	-2.23	54.0	-11.45	AV	27.00	150	Horizontal	Pass
4	6272.200	55.63	0.79	74.0	-18.37	Peak	264.00	100	Horizontal	Pass
4**	6272.200	44.91	0.79	54.0	-9.09	AV	264.00	100	Horizontal	Pass
5	10192.400	51.96	0.35	74.0	-22.04	Peak	92.00	100	Horizontal	Pass
5**	10192.400	42.67	0.35	54.0	-11.33	AV	92.00	100	Horizontal	Pass
6	17194.912	51.92	2.19	74.0	-22.08	Peak	224.00	200	Horizontal	Pass
6**	17194.912	44.22	2.19	54.0	-9.78	AV	224.00	200	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	1161.300	43.04	-17.63	74.0	-30.96	Peak	87.00	200	Vertical	Pass
1**	1161.300	28.61	-17.63	54.0	-25.39	AV	87.00	200	Vertical	Pass
2	2413.500	89.85	-11.62	74.0	15.85	Peak	329.00	150	Vertical	N/A
2**	2413.500	81.92	-11.62	54.0	27.92	AV	329.00	150	Vertical	N/A
3	4978.600	52.01	-1.62	74.0	-21.99	Peak	193.00	200	Vertical	Pass
3**	4978.600	42.59	-1.62	54.0	-11.41	AV	193.00	200	Vertical	Pass
4	6612.000	55.00	2.15	74.0	-19.00	Peak	29.00	200	Vertical	Pass
4**	6612.000	46.27	2.15	54.0	-7.73	AV	29.00	200	Vertical	Pass
5	10160.201	51.51	-0.31	74.0	-22.49	Peak	184.00	100	Vertical	Pass
5**	10160.201	41.93	-0.31	54.0	-12.07	AV	184.00	100	Vertical	Pass
6	17404.912	51.70	3.31	74.0	-22.30	Peak	103.00	400	Vertical	Pass
6**	17404.912	43.30	3.31	54.0	-10.70	AV	103.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	47.80	-17.91	74.0	-26.20	Peak	139.00	100	Horizontal	Pass
1**	1166.600	46.12	-17.91	54.0	-7.88	AV	139.00	100	Horizontal	Pass
2	2434.100	102.40	-12.49	74.0	28.40	Peak	324.00	150	Horizontal	N/A
2**	2434.100	94.62	-12.49	54.0	40.62	AV	324.00	150	Horizontal	N/A
3	4937.400	51.55	-2.44	74.0	-22.45	Peak	113.00	150	Horizontal	Pass
3**	4937.400	41.61	-2.44	54.0	-12.39	AV	113.00	150	Horizontal	Pass
4	6688.600	55.09	0.24	74.0	-18.91	Peak	92.00	200	Horizontal	Pass
4**	6688.600	45.31	0.24	54.0	-8.69	AV	92.00	200	Horizontal	Pass
5	10154.738	51.55	-0.14	74.0	-22.45	Peak	271.00	300	Horizontal	Pass
5**	10154.738	42.28	-0.14	54.0	-11.72	AV	271.00	300	Horizontal	Pass
6	17200.687	52.29	1.86	74.0	-21.71	Peak	69.00	400	Horizontal	Pass
6**	17200.687	44.99	1.86	54.0	-9.01	AV	69.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	44.27	-17.16	74.0	-29.73	Peak	0.00	100	Vertical	Pass
1**	1327.600	30.18	-17.16	54.0	-23.82	AV	0.00	100	Vertical	Pass
2	2434.900	88.48	-12.48	74.0	14.48	Peak	321.00	150	Vertical	N/A
2**	2434.900	80.63	-12.48	54.0	26.63	AV	321.00	150	Vertical	N/A
3	4765.400	51.05	-2.17	74.0	-22.95	Peak	234.00	100	Vertical	Pass
3**	4765.400	41.14	-2.17	54.0	-12.86	AV	234.00	100	Vertical	Pass
4	6447.000	55.05	2.07	74.0	-18.95	Peak	0.00	200	Vertical	Pass
4**	6447.000	45.72	2.07	54.0	-8.28	AV	0.00	200	Vertical	Pass
5	10327.238	51.97	-0.03	74.0	-22.03	Peak	159.00	300	Vertical	Pass
5**	10327.238	41.69	-0.03	54.0	-12.31	AV	159.00	300	Vertical	Pass
6	13296.000	51.73	0.84	74.0	-22.27	Peak	16.00	200	Vertical	Pass
6**	13296.000	41.58	0.84	54.0	-12.42	AV	16.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.700	47.81	-17.91	74.0	-26.19	Peak	123.00	200	Horizontal	Pass
1**	1166.700	46.17	-17.91	54.0	-7.83	AV	123.00	200	Horizontal	Pass
2	2465.100	102.02	-12.60	74.0	28.02	Peak	312.00	150	Horizontal	N/A
2**	2465.100	94.16	-12.60	54.0	40.16	AV	312.00	150	Horizontal	N/A
3	4893.000	51.80	-2.35	74.0	-22.20	Peak	269.00	100	Horizontal	Pass
3**	4893.000	42.11	-2.35	54.0	-11.89	AV	269.00	100	Horizontal	Pass
4	6981.800	55.18	1.60	74.0	-18.82	Peak	140.00	100	Horizontal	Pass
4**	6981.800	44.91	1.60	54.0	-9.09	AV	140.00	100	Horizontal	Pass
5	10188.662	51.72	0.24	74.0	-22.28	Peak	59.00	300	Horizontal	Pass
5**	10188.662	42.41	0.24	54.0	-11.59	AV	59.00	300	Horizontal	Pass
6	17199.901	52.37	1.90	74.0	-21.63	Peak	329.00	100	Horizontal	Pass
6**	17199.901	44.51	1.90	54.0	-9.49	AV	329.00	100	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	1333.100	44.02	-17.07	74.0	-29.98	Peak	5.00	300	Vertical	Pass
1**	1333.100	32.46	-17.07	54.0	-21.54	AV	5.00	300	Vertical	Pass
2	2463.800	87.77	-12.52	74.0	13.77	Peak	325.00	150	Vertical	N/A
2**	2463.800	80.68	-12.52	54.0	26.68	AV	325.00	150	Vertical	N/A
3	4800.200	52.04	-2.03	74.0	-21.96	Peak	25.00	150	Vertical	Pass
3**	4800.200	41.94	-2.03	54.0	-12.06	AV	25.00	150	Vertical	Pass
4	6288.200	54.79	1.48	74.0	-19.21	Peak	217.00	300	Vertical	Pass
4**	6288.200	45.71	1.48	54.0	-8.29	AV	217.00	300	Vertical	Pass
5	10200.738	51.77	0.47	74.0	-22.23	Peak	63.00	300	Vertical	Pass
5**	10200.738	42.27	0.47	54.0	-11.73	AV	63.00	300	Vertical	Pass
6	17227.989	51.51	1.44	74.0	-22.49	Peak	96.00	200	Vertical	Pass
6**	17227.989	42.90	1.44	54.0	-11.10	AV	96.00	200	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	1166.800	49.21	-17.91	74.0	-24.79	Peak	125.00	200	Horizontal	Pass
1**	1166.800	46.80	-17.91	54.0	-7.20	AV	125.00	200	Horizontal	Pass
2	2420.100	100.80	-11.74	74.0	26.80	Peak	319.00	100	Horizontal	N/A
2**	2420.100	93.44	-11.74	54.0	39.44	AV	319.00	100	Horizontal	N/A
3	4900.400	51.02	-2.26	74.0	-22.98	Peak	93.00	200	Horizontal	Pass
3**	4900.400	42.50	-2.26	54.0	-11.50	AV	93.00	200	Horizontal	Pass
4	6729.000	54.98	1.39	74.0	-19.02	Peak	302.00	200	Horizontal	Pass
4**	6729.000	44.87	1.39	54.0	-9.13	AV	302.00	200	Horizontal	Pass
5	10160.775	52.33	-0.31	74.0	-21.67	Peak	236.00	100	Horizontal	Pass
5**	10160.775	42.00	-0.31	54.0	-12.00	AV	236.00	100	Horizontal	Pass
6	17204.363	51.76	1.67	74.0	-22.24	Peak	191.00	400	Horizontal	Pass
6**	17204.363	44.05	1.67	54.0	-9.95	AV	191.00	400	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	1332.300	45.43	-17.13	74.0	-28.57	Peak	107.00	300	Vertical	Pass
1**	1332.300	34.01	-17.13	54.0	-19.99	AV	107.00	300	Vertical	Pass
2	2420.200	86.21	-11.73	74.0	12.21	Peak	334.00	200	Vertical	N/A
2**	2420.200	79.70	-11.73	54.0	25.70	AV	334.00	200	Vertical	N/A
3	4773.000	51.78	-1.37	74.0	-22.22	Peak	228.00	100	Vertical	Pass
3**	4773.000	43.23	-1.37	54.0	-10.77	AV	228.00	100	Vertical	Pass
4	6281.200	54.72	0.77	74.0	-19.28	Peak	228.00	100	Vertical	Pass
4**	6281.200	45.40	0.77	54.0	-8.60	AV	228.00	100	Vertical	Pass
5	10137.775	52.63	-0.01	74.0	-21.37	Peak	170.00	400	Vertical	Pass
5**	10137.775	42.99	-0.01	54.0	-11.01	AV	170.00	400	Vertical	Pass
6	17194.125	52.09	2.21	74.0	-21.91	Peak	0.00	300	Vertical	Pass
6**	17194.125	44.02	2.21	54.0	-9.98	AV	0.00	300	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	1166.300	48.86	-17.91	74.0	-25.14	Peak	127.00	400	Horizontal	Pass
1**	1166.300	44.05	-17.91	54.0	-9.95	AV	127.00	400	Horizontal	Pass
2	2441.600	100.57	-12.16	74.0	26.57	Peak	317.00	150	Horizontal	N/A
2**	2441.600	93.19	-12.16	54.0	39.19	AV	317.00	150	Horizontal	N/A
3	5141.200	52.03	-1.71	74.0	-21.97	Peak	284.00	100	Horizontal	Pass
3**	5141.200	42.68	-1.71	54.0	-11.32	AV	284.00	100	Horizontal	Pass
4	6611.200	55.16	2.12	74.0	-18.84	Peak	14.00	400	Horizontal	Pass
4**	6611.200	46.93	2.12	54.0	-7.07	AV	14.00	400	Horizontal	Pass
5	10131.738	51.46	-0.11	74.0	-22.54	Peak	360.00	100	Horizontal	Pass
5**	10131.738	41.54	-0.11	54.0	-12.46	AV	360.00	100	Horizontal	Pass
6	16229.963	51.67	1.31	74.0	-22.33	Peak	140.00	100	Horizontal	Pass
6**	16229.963	43.85	1.31	54.0	-10.15	AV	140.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	42.95	-17.32	74.0	-31.05	Peak	0.00	100	Vertical	Pass
1**	1330.000	32.90	-17.32	54.0	-21.10	AV	0.00	100	Vertical	Pass
2	2432.900	86.31	-12.50	74.0	12.31	Peak	324.00	200	Vertical	N/A
2**	2432.900	77.86	-12.50	54.0	23.86	AV	324.00	200	Vertical	N/A
3	4788.000	51.67	-1.65	74.0	-22.33	Peak	243.00	200	Vertical	Pass
3**	4788.000	42.23	-1.65	54.0	-11.77	AV	243.00	200	Vertical	Pass
4	6611.200	55.08	2.12	74.0	-18.92	Peak	264.00	300	Vertical	Pass
4**	6611.200	46.01	2.12	54.0	-7.99	AV	264.00	300	Vertical	Pass
5	9966.713	52.34	-0.63	74.0	-21.66	Peak	65.00	300	Vertical	Pass
5**	9966.713	42.27	-0.63	54.0	-11.73	AV	65.00	300	Vertical	Pass
6	17187.824	52.30	2.42	74.0	-21.70	Peak	115.00	200	Vertical	Pass
6**	17187.824	44.43	2.42	54.0	-9.57	AV	115.00	200	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	1166.700	48.18	-17.91	74.0	-25.82	Peak	64.00	400	Horizontal	Pass
1**	1166.700	47.10	-17.91	54.0	-6.90	AV	64.00	400	Horizontal	Pass
2	2442.300	99.48	-12.19	74.0	25.48	Peak	323.00	150	Horizontal	N/A
2**	2442.300	91.80	-12.19	54.0	37.80	AV	323.00	150	Horizontal	N/A
3	4916.800	51.66	-2.32	74.0	-22.34	Peak	307.00	100	Horizontal	Pass
3**	4916.800	43.56	-2.32	54.0	-10.44	AV	307.00	100	Horizontal	Pass
4	6680.000	55.31	-0.12	74.0	-18.69	Peak	237.00	400	Horizontal	Pass
4**	6680.000	45.27	-0.12	54.0	-8.73	AV	237.00	400	Horizontal	Pass
5	11934.650	51.51	1.68	74.0	-22.49	Peak	183.00	100	Horizontal	Pass
5**	11934.650	42.26	1.68	54.0	-11.74	AV	183.00	100	Horizontal	Pass
6	17195.700	51.61	2.15	74.0	-22.39	Peak	87.00	300	Horizontal	Pass
6**	17195.700	45.14	2.15	54.0	-8.86	AV	87.00	300	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	1329.700	42.81	-17.28	74.0	-31.19	Peak	205.00	400	Vertical	Pass
1**	1329.700	29.46	-17.28	54.0	-24.54	AV	205.00	400	Vertical	Pass
2	2441.400	84.59	-12.17	74.0	10.59	Peak	326.00	150	Vertical	N/A
2**	2441.400	76.61	-12.17	54.0	22.61	AV	326.00	150	Vertical	N/A
3	4651.200	51.23	-3.00	74.0	-22.77	Peak	11.00	150	Vertical	Pass
3**	4651.200	41.57	-3.00	54.0	-12.43	AV	11.00	150	Vertical	Pass
4	6443.000	54.90	1.44	74.0	-19.10	Peak	88.00	200	Vertical	Pass
4**	6443.000	45.40	1.44	54.0	-8.60	AV	88.00	200	Vertical	Pass
5	10181.763	52.13	0.08	74.0	-21.87	Peak	78.00	200	Vertical	Pass
5**	10181.763	42.51	0.08	54.0	-11.49	AV	78.00	200	Vertical	Pass
6	17201.476	51.77	1.82	74.0	-22.23	Peak	0.00	100	Vertical	Pass
6**	17201.476	43.59	1.82	54.0	-10.41	AV	0.00	100	Vertical	Pass

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

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

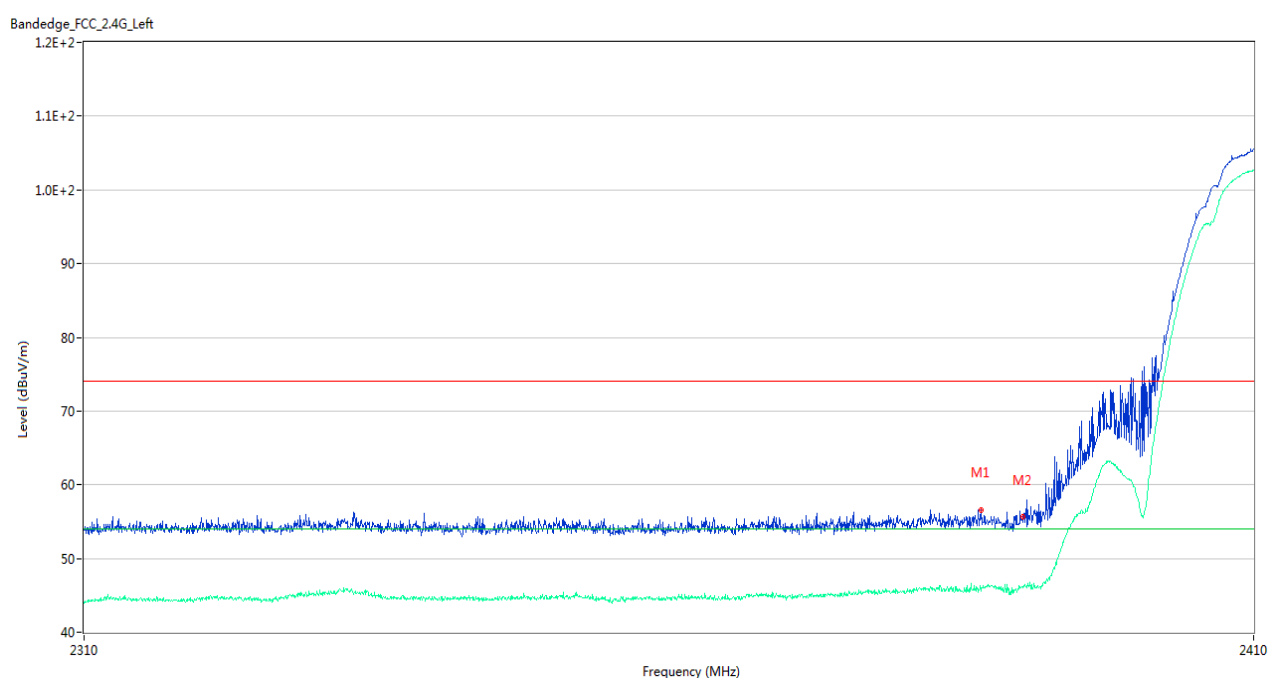
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

Test Data and Plots

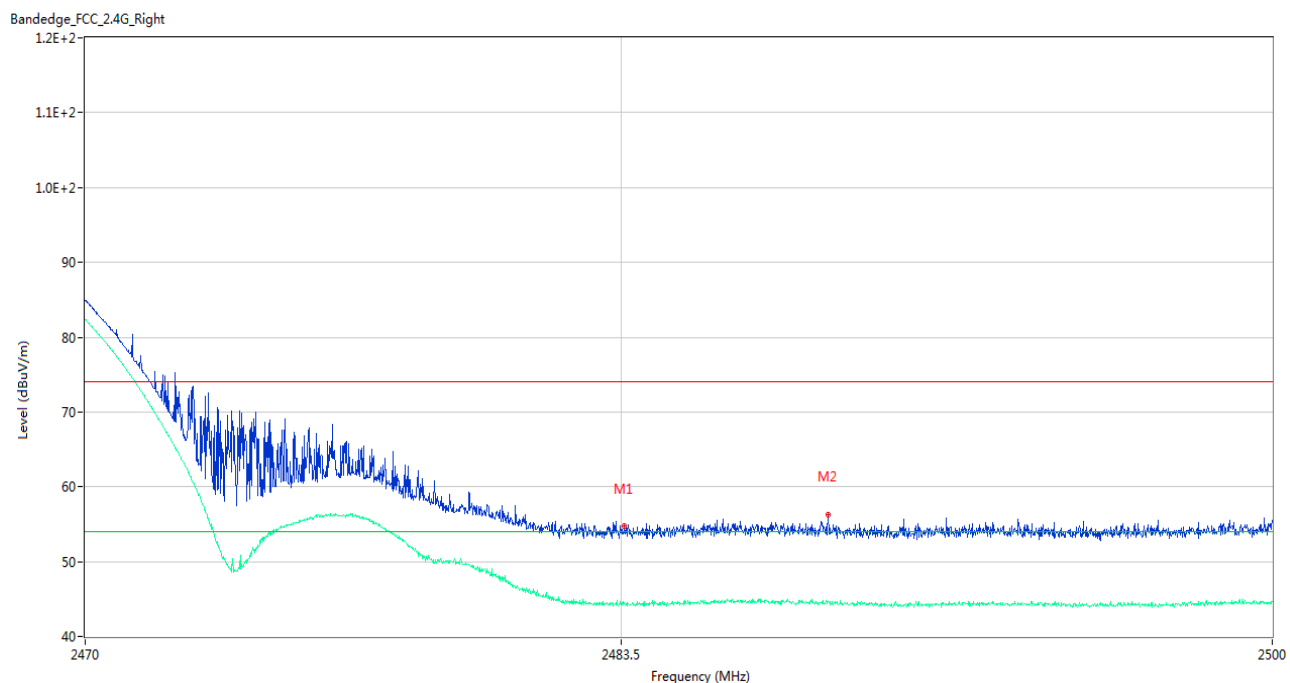
Main Antenna

802.11b LOW CHANNEL



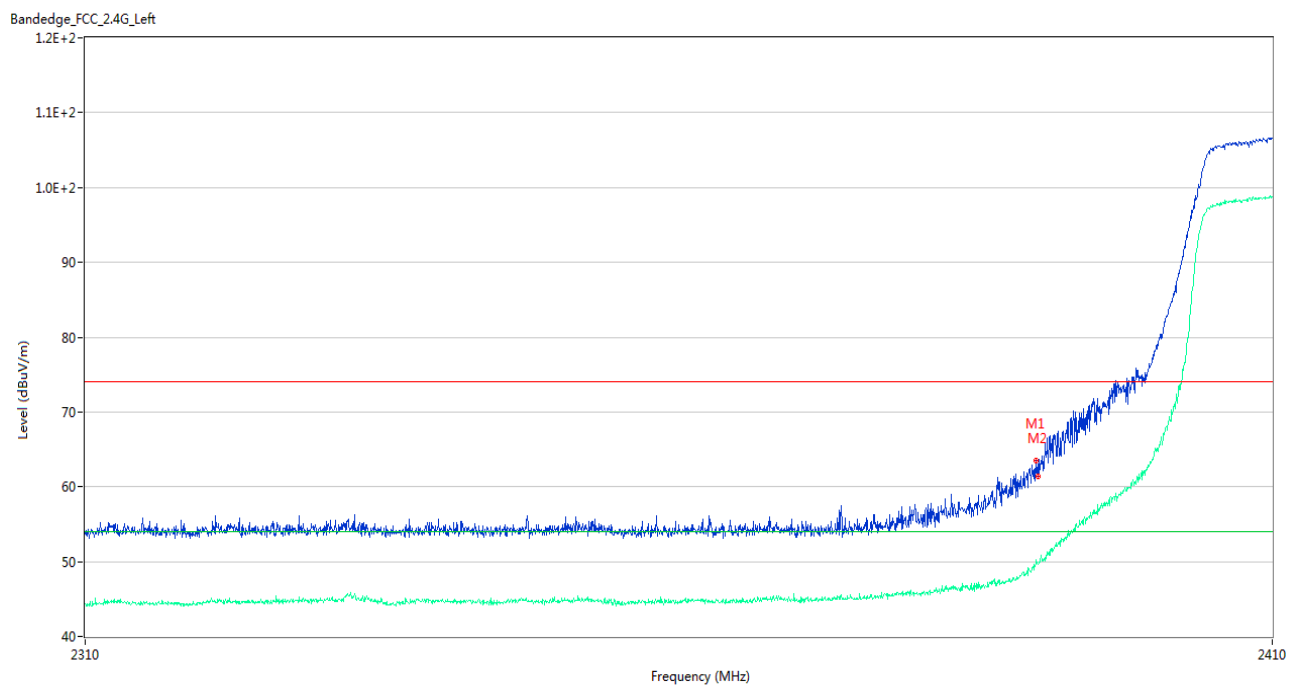
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.350	56.64	-0.47	74.0	-17.36	Peak	325.00	200	Horizontal	Pass
1**	2386.350	46.02	-0.47	54.0	-7.98	AV	325.00	200	Horizontal	Pass
2	2389.950	55.60	-0.59	74.0	-18.40	Peak	335.00	150	Horizontal	Pass
2**	2389.950	46.15	-0.59	54.0	-7.85	AV	335.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



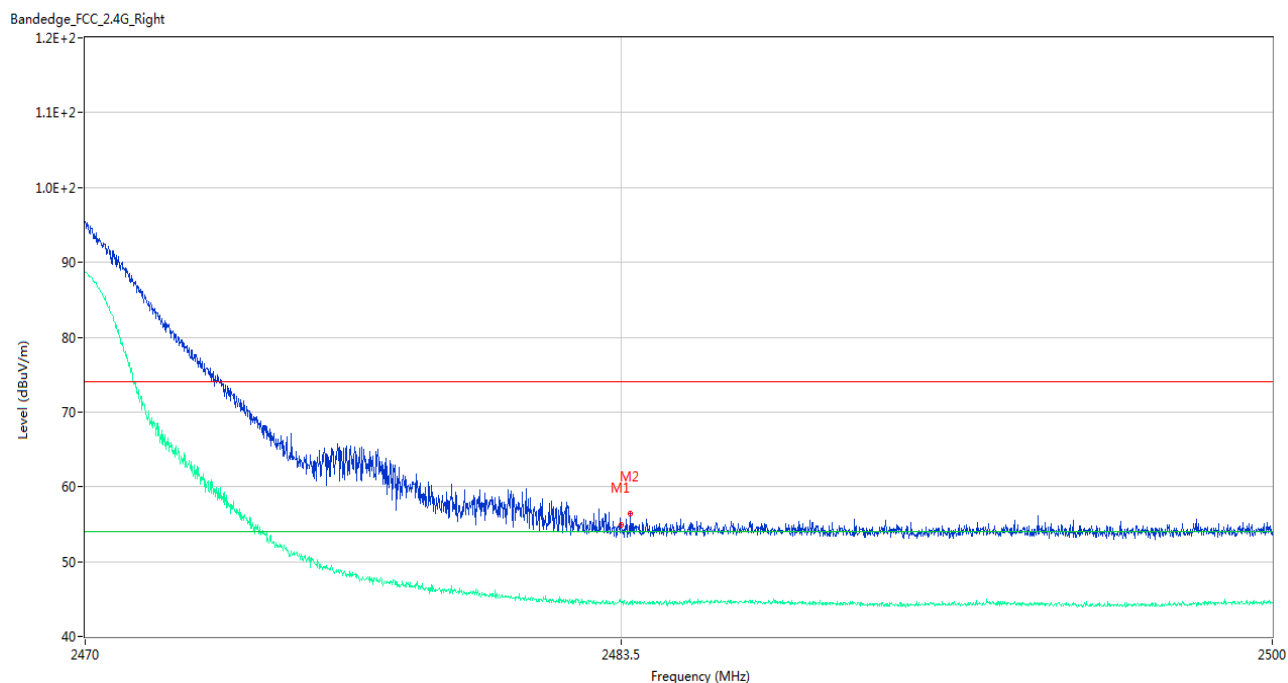
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	54.76	-0.20	74.0	-19.24	Peak	0.00	150	Horizontal	Pass
1**	2483.590	44.37	-0.20	54.0	-9.63	AV	0.00	150	Horizontal	Pass
2	2488.735	56.32	-0.08	74.0	-17.68	Peak	22.00	100	Horizontal	Pass
2**	2488.735	44.60	-0.08	54.0	-9.40	AV	22.00	100	Horizontal	Pass

802.11g LOW CHANNEL



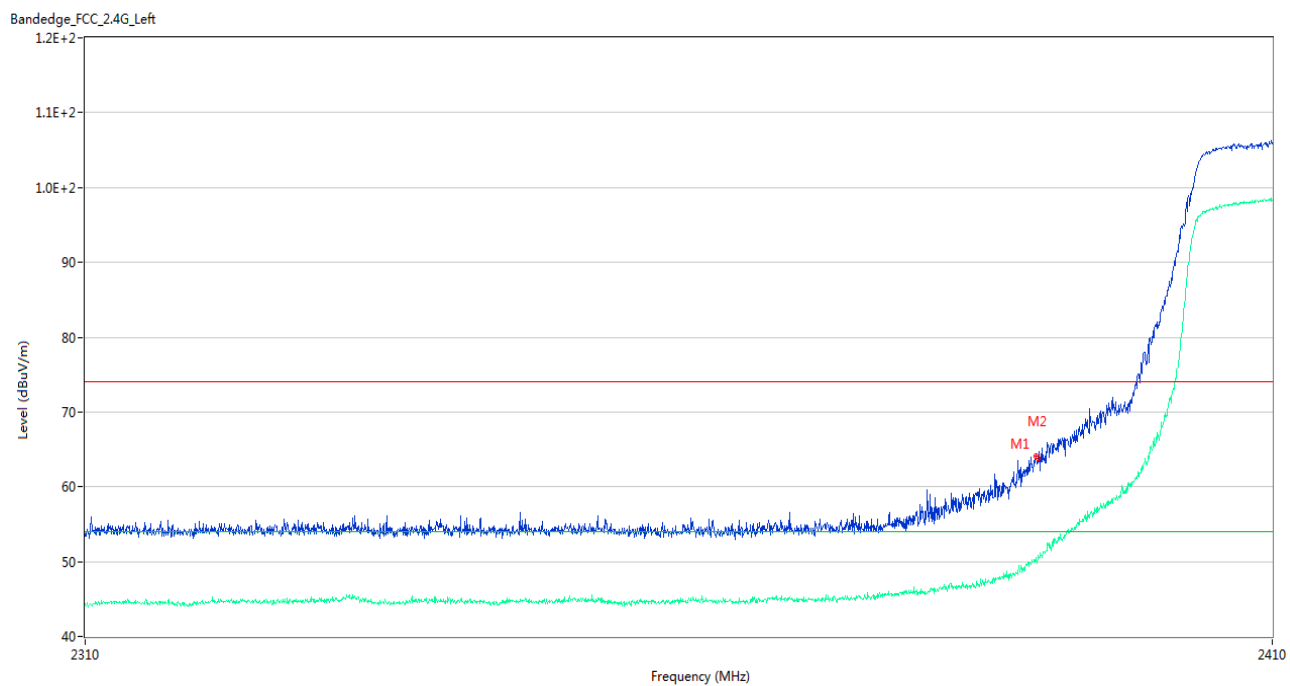
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.800	63.45	-0.63	74.0	-10.55	Peak	316.00	150	Horizontal	Pass
1**	2389.800	50.25	-0.63	54.0	-3.75	AV	316.00	150	Horizontal	Pass
2	2389.950	61.46	-0.59	74.0	-12.54	Peak	296.00	100	Horizontal	Pass
2**	2389.950	49.60	-0.59	54.0	-4.40	AV	296.00	100	Horizontal	Pass

802.11g HIGH CHANNEL



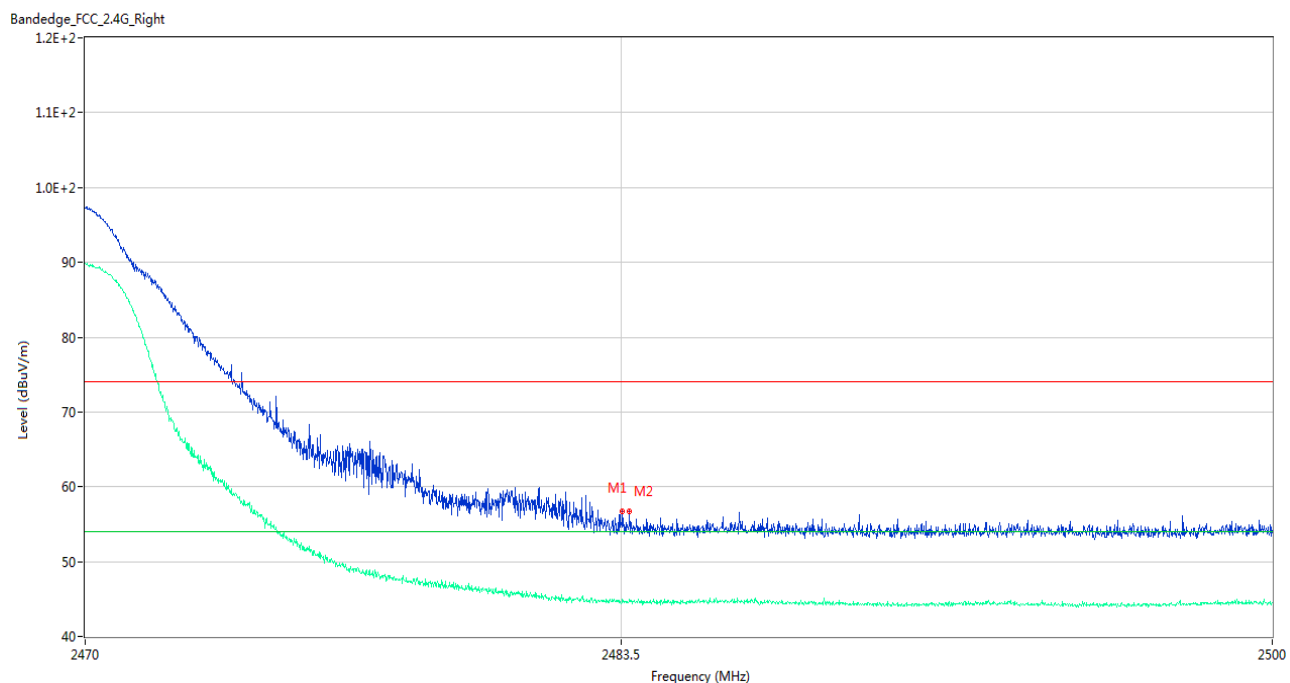
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.88	-0.21	74.0	-19.12	Peak	40.00	150	Horizontal	Pass
1**	2483.500	44.49	-0.21	54.0	-9.51	AV	40.00	150	Horizontal	Pass
2	2483.740	56.40	-0.19	74.0	-17.60	Peak	319.00	200	Horizontal	Pass
2**	2483.740	44.60	-0.19	54.0	-9.40	AV	319.00	200	Horizontal	Pass

802.11n20 LOW CHANNEL



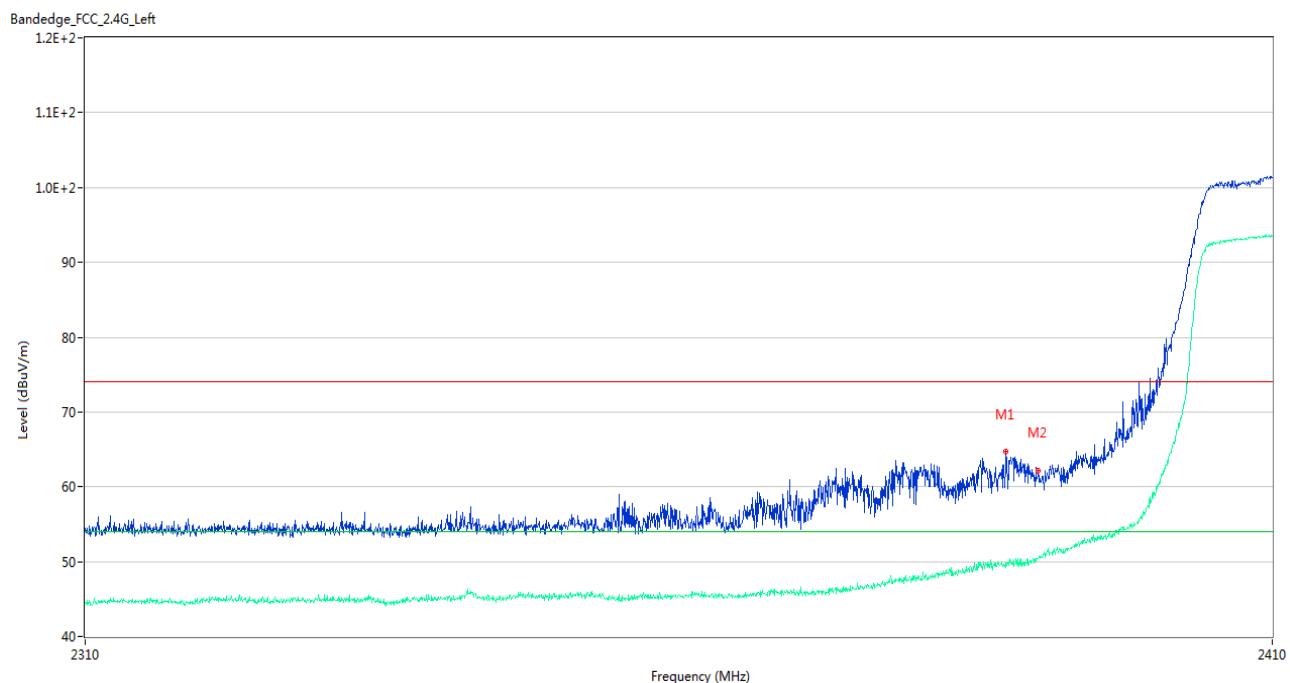
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.800	64.16	-0.63	74.0	-9.84	Peak	329.00	200	Horizontal	Pass
1**	2389.800	50.26	-0.63	54.0	-3.74	AV	329.00	200	Horizontal	Pass
2	2389.950	63.83	-0.59	74.0	-10.17	Peak	334.00	200	Horizontal	Pass
2**	2389.950	50.87	-0.59	54.0	-3.13	AV	334.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL



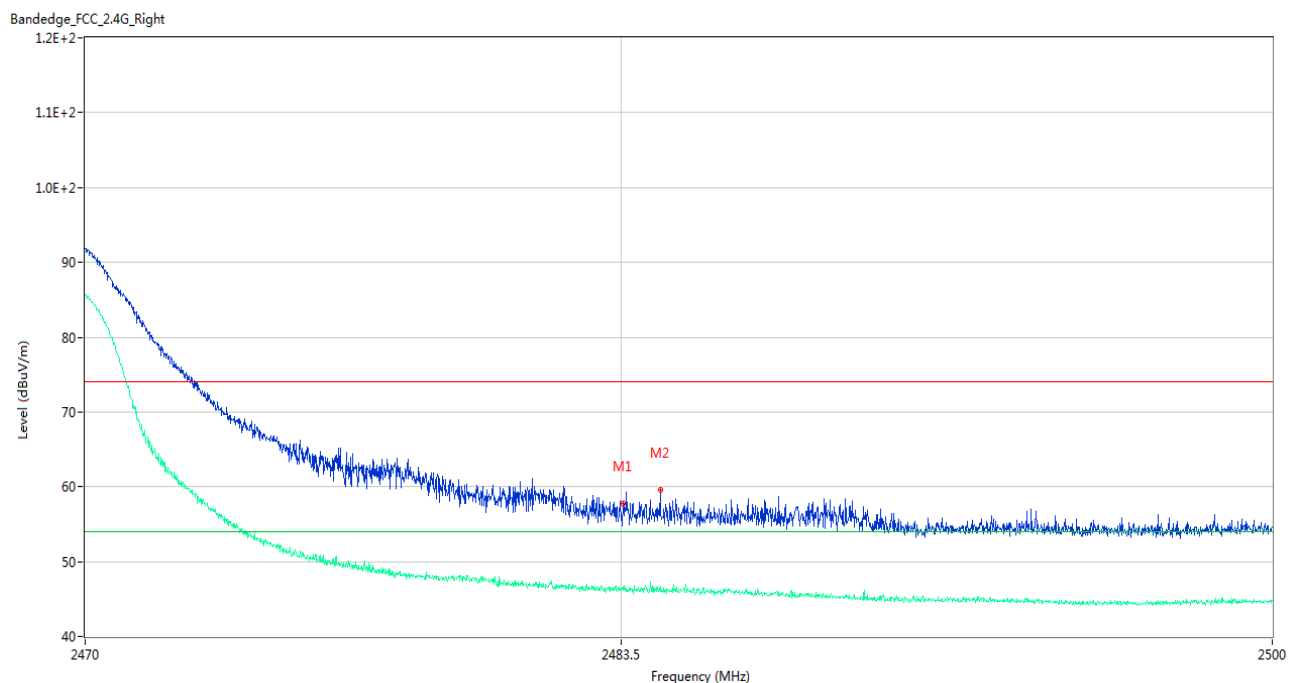
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	56.77	-0.20	74.0	-17.23	Peak	314.00	100	Horizontal	Pass
1**	2483.530	45.01	-0.20	54.0	-8.99	AV	314.00	100	Horizontal	Pass
2	2483.710	56.71	-0.19	74.0	-17.29	Peak	326.00	100	Horizontal	Pass
2**	2483.710	44.95	-0.19	54.0	-9.05	AV	326.00	100	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	2387.200	64.71	-0.57	74.0	-9.29	Peak	324.00	200	Horizontal	Pass
1**	2387.200	49.75	-0.57	54.0	-4.25	AV	324.00	200	Horizontal	Pass
2	2389.950	62.22	-0.59	74.0	-11.78	Peak	324.00	200	Horizontal	Pass
2**	2389.950	50.44	-0.59	54.0	-3.56	AV	324.00	200	Horizontal	Pass

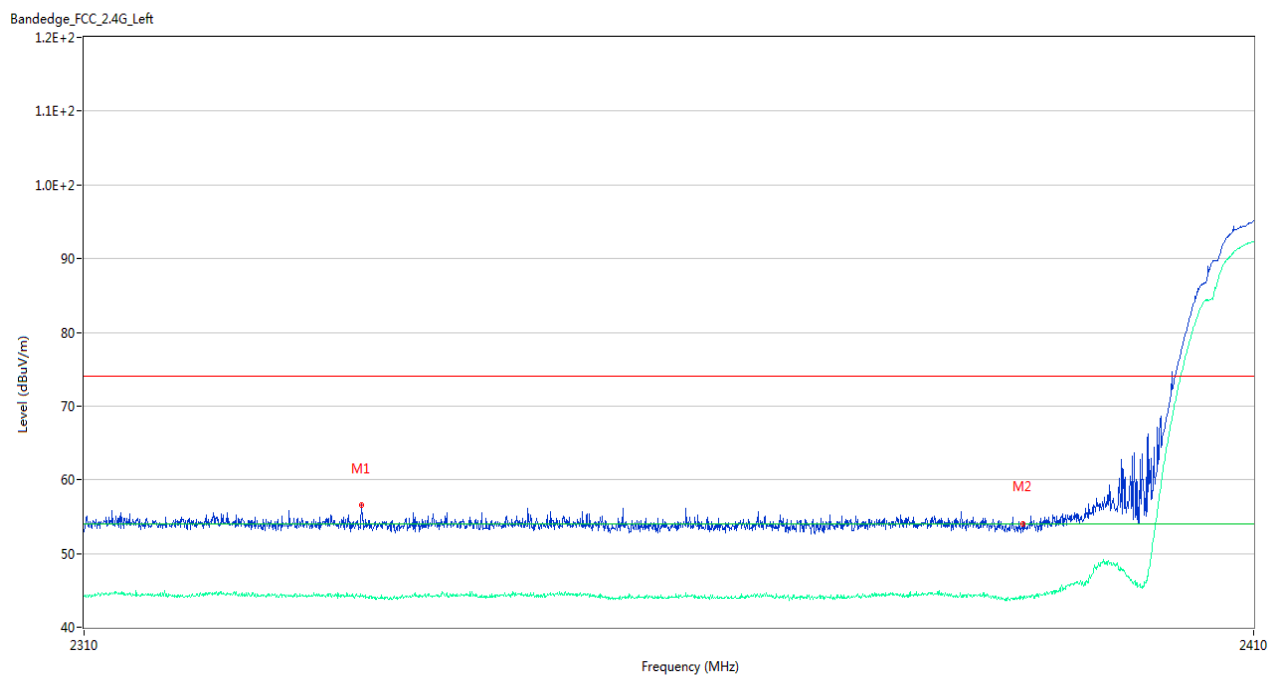
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	57.82	-0.20	74.0	-16.18	Peak	336.00	100	Horizontal	Pass
1**	2483.545	46.67	-0.20	54.0	-7.33	AV	336.00	100	Horizontal	Pass
2	2484.490	59.55	-0.13	74.0	-14.45	Peak	323.00	100	Horizontal	Pass
2**	2484.490	46.07	-0.13	54.0	-7.93	AV	323.00	100	Horizontal	Pass

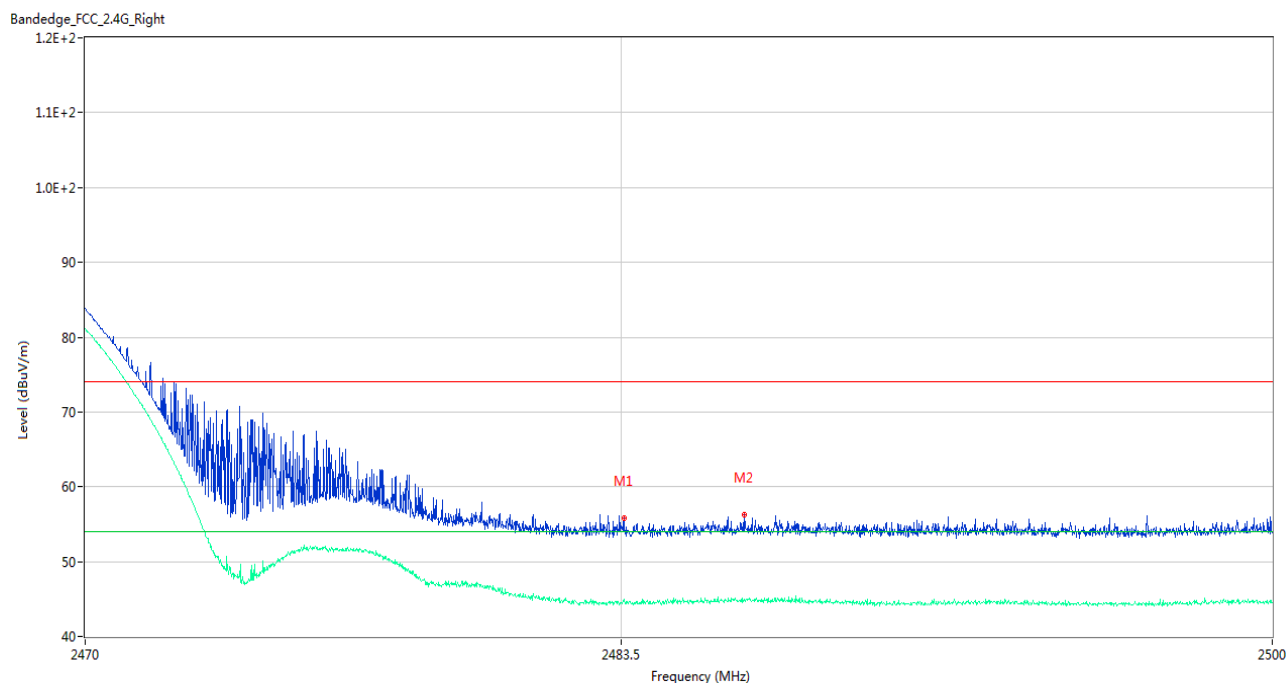
Aux. Antenna

802.11b LOW CHANNEL



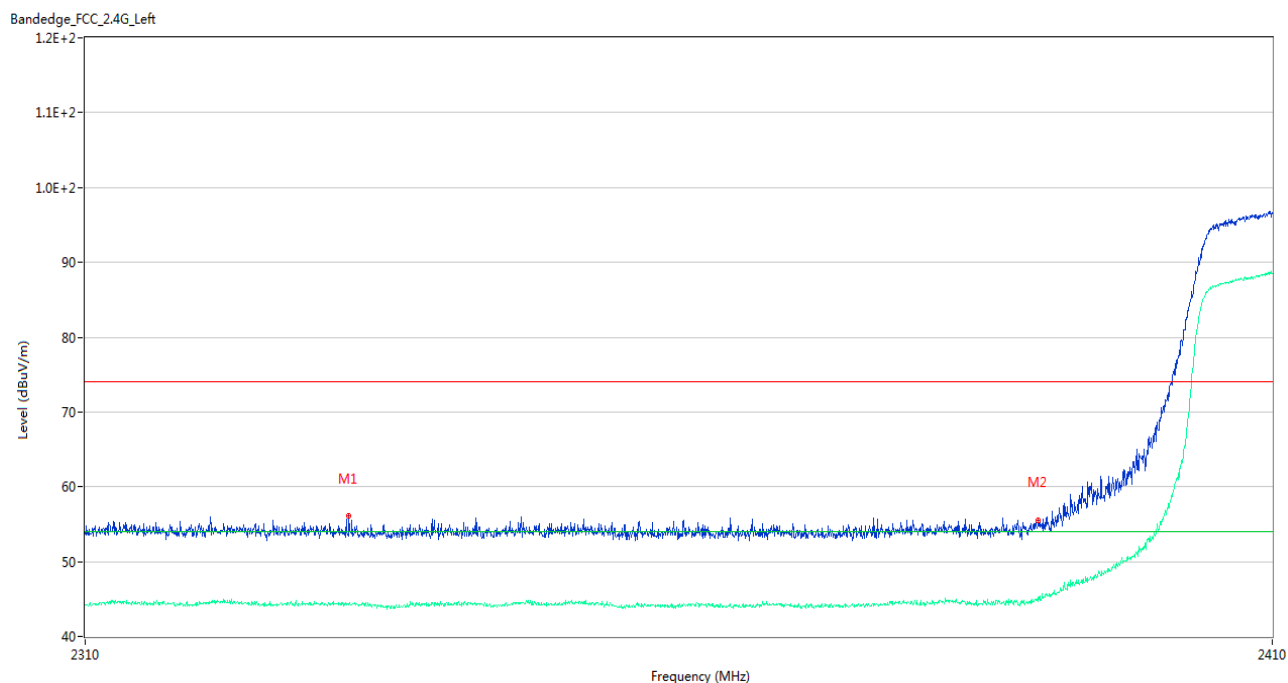
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2333.350	56.58	-0.44	74.0	-17.42	Peak	186.00	150	Horizontal	Pass
1**	2333.350	44.29	-0.44	54.0	-9.71	AV	186.00	150	Horizontal	Pass
2	2389.950	54.07	-0.59	74.0	-19.93	Peak	279.00	200	Horizontal	Pass
2**	2389.950	43.75	-0.59	54.0	-10.25	AV	279.00	200	Horizontal	Pass

802.11b HIGH CHANNEL



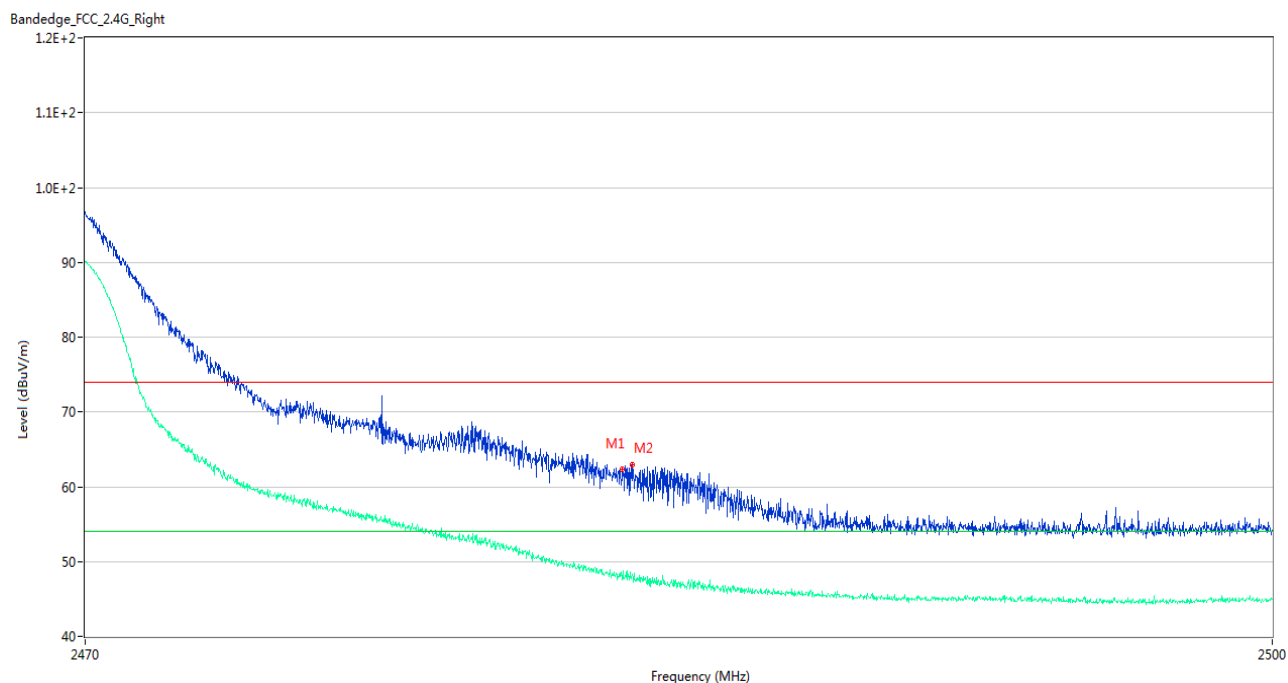
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	55.84	-0.20	74.0	-18.16	Peak	58.00	150	Horizontal	Pass
1**	2483.575	44.92	-0.20	54.0	-9.08	AV	58.00	150	Horizontal	Pass
2	2486.605	56.28	0.12	74.0	-17.72	Peak	318.00	100	Horizontal	Pass
2**	2486.605	44.90	0.12	54.0	-9.10	AV	318.00	100	Horizontal	Pass

802.11g LOW CHANNEL



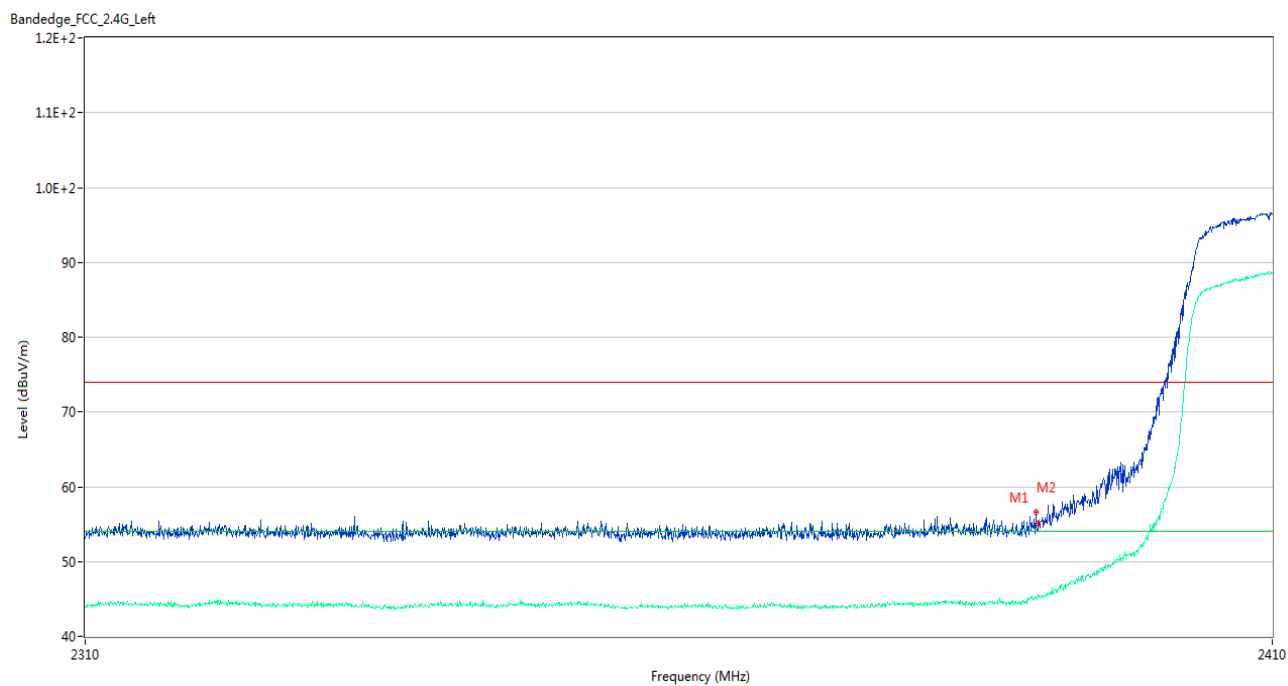
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2331.850	56.10	-0.32	74.0	-17.90	Peak	304.00	100	Horizontal	Pass
1**	2331.850	44.22	-0.32	54.0	-9.78	AV	304.00	100	Horizontal	Pass
2	2389.950	55.57	-0.59	74.0	-18.43	Peak	303.00	150	Horizontal	Pass
2**	2389.950	44.67	-0.59	54.0	-9.33	AV	303.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



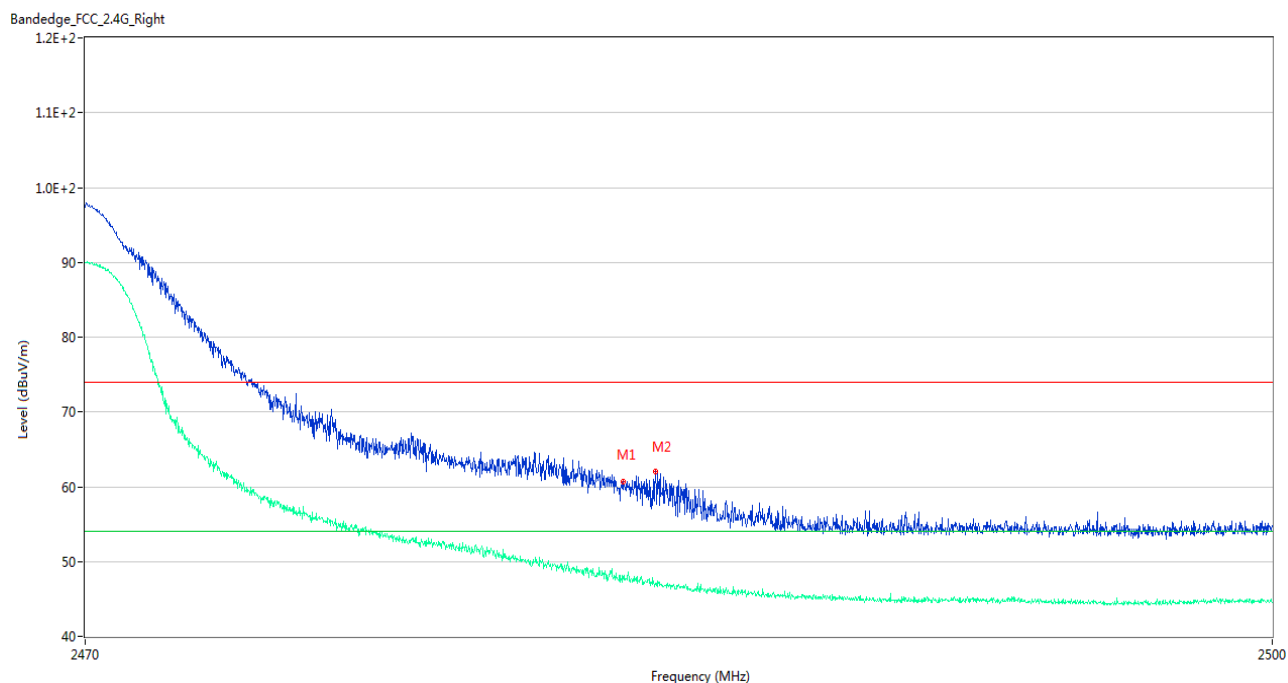
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	62.36	-0.20	74.0	-11.64	Peak	315.00	150	Horizontal	Pass
1**	2483.530	47.48	-0.20	54.0	-6.52	AV	315.00	150	Horizontal	Pass
2	2483.770	63.00	-0.19	74.0	-11.00	Peak	306.00	200	Horizontal	Pass
2**	2483.770	48.30	-0.19	54.0	-5.70	AV	306.00	200	Horizontal	Pass

802.11n20 LOW CHANNEL



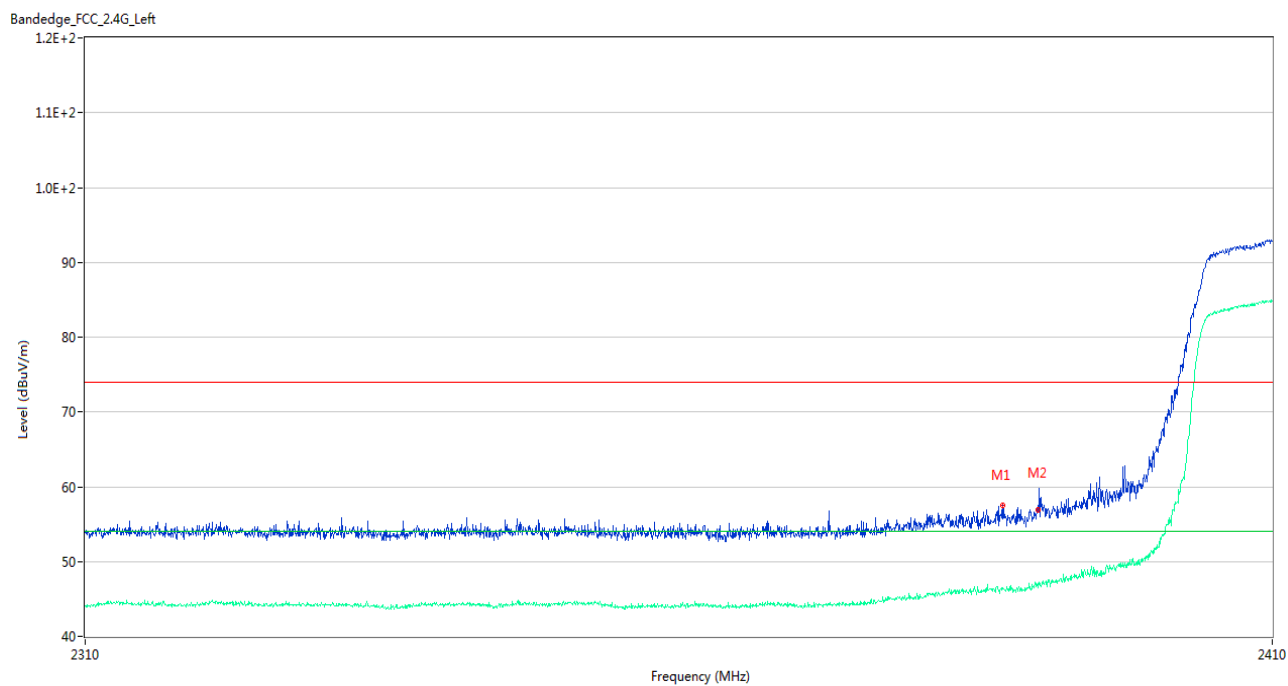
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	56.55	-0.64	74.0	-17.45	Peak	326.00	200	Horizontal	Pass
1**	2389.750	45.16	-0.64	54.0	-8.84	AV	326.00	200	Horizontal	Pass
2	2389.950	55.09	-0.59	74.0	-18.91	Peak	335.00	200	Horizontal	Pass
2**	2389.950	45.25	-0.59	54.0	-8.75	AV	335.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL



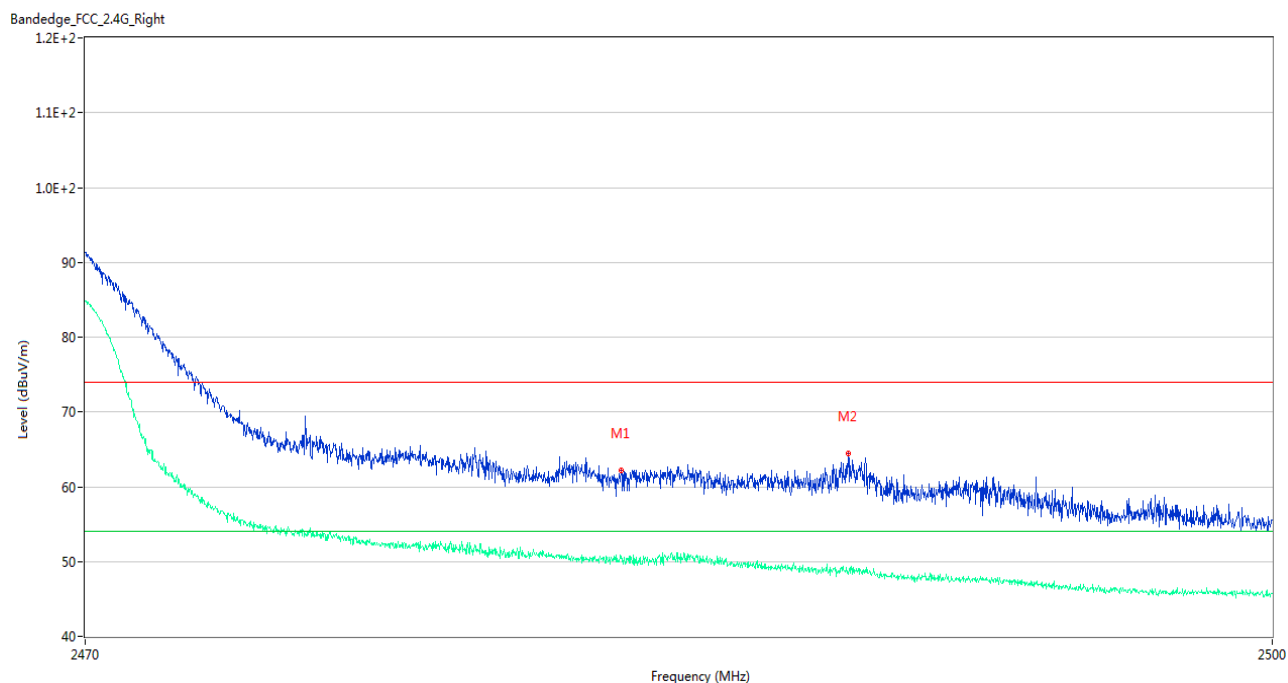
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	60.63	-0.20	74.0	-13.37	Peak	312.00	200	Horizontal	Pass
1**	2483.545	47.70	-0.20	54.0	-6.30	AV	312.00	200	Horizontal	Pass
2	2484.370	62.11	-0.15	74.0	-11.89	Peak	320.00	100	Horizontal	Pass
2**	2484.370	47.13	-0.15	54.0	-6.87	AV	320.00	100	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	2386.900	57.47	-0.51	74.0	-16.53	Peak	286.00	100	Horizontal	Pass
1**	2386.900	46.52	-0.51	54.0	-7.48	AV	286.00	100	Horizontal	Pass
2	2389.950	56.92	-0.59	74.0	-17.08	Peak	330.00	200	Horizontal	Pass
2**	2389.950	46.55	-0.59	54.0	-7.45	AV	330.00	200	Horizontal	Pass

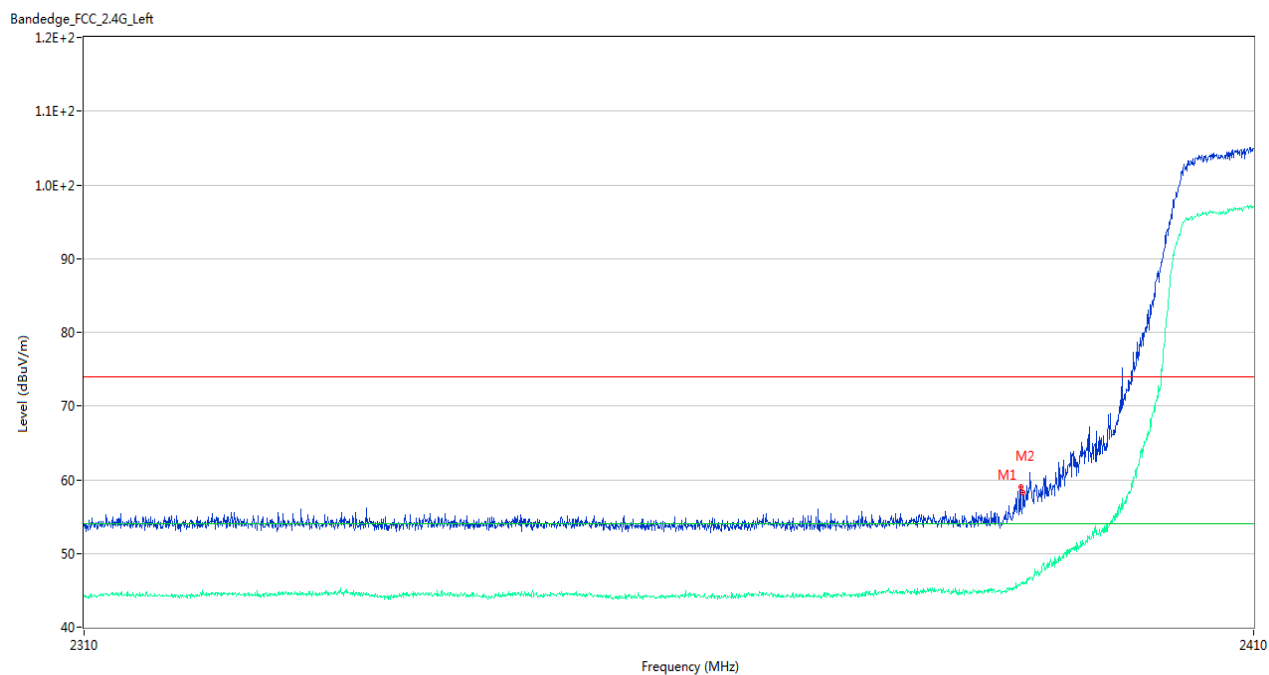
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.11	-0.21	74.0	-11.89	Peak	323.00	100	Horizontal	Pass
1**	2483.500	50.69	-0.21	54.0	-3.31	AV	323.00	100	Horizontal	Pass
2	2489.245	64.43	-0.11	74.0	-9.57	Peak	305.00	200	Horizontal	Pass
2**	2489.245	48.36	-0.11	54.0	-5.64	AV	305.00	200	Horizontal	Pass

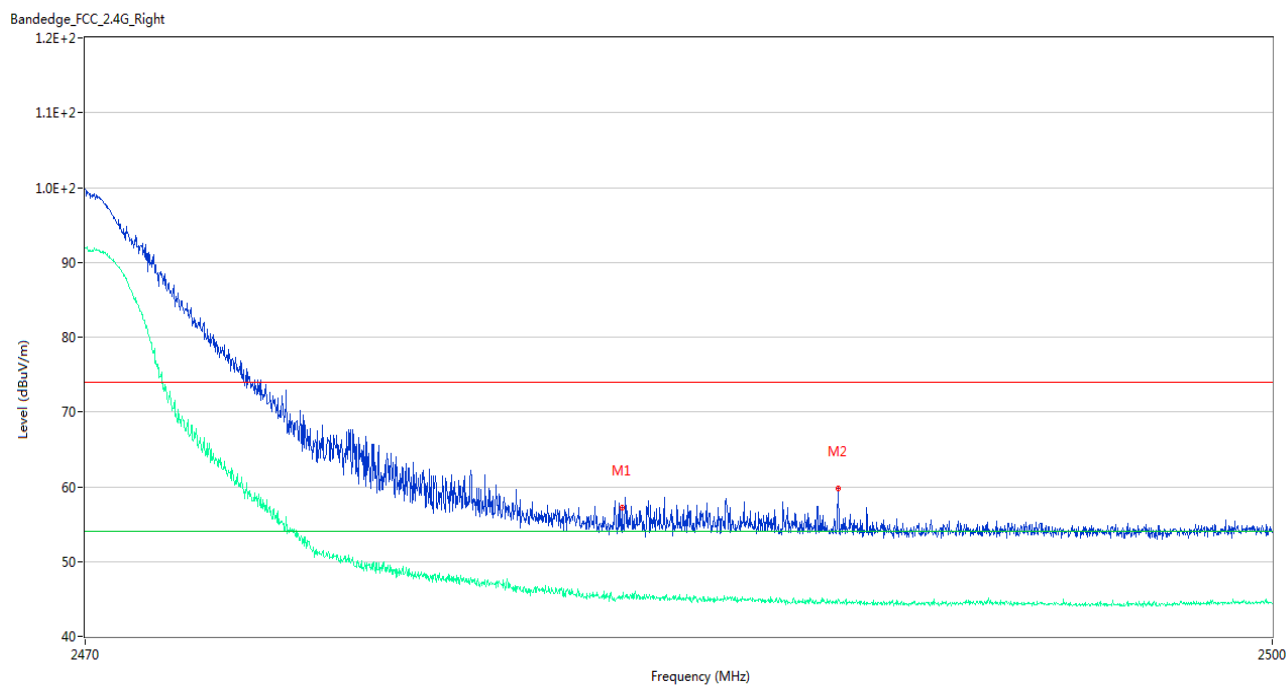
MIMO

802.11n20 LOW CHANNEL



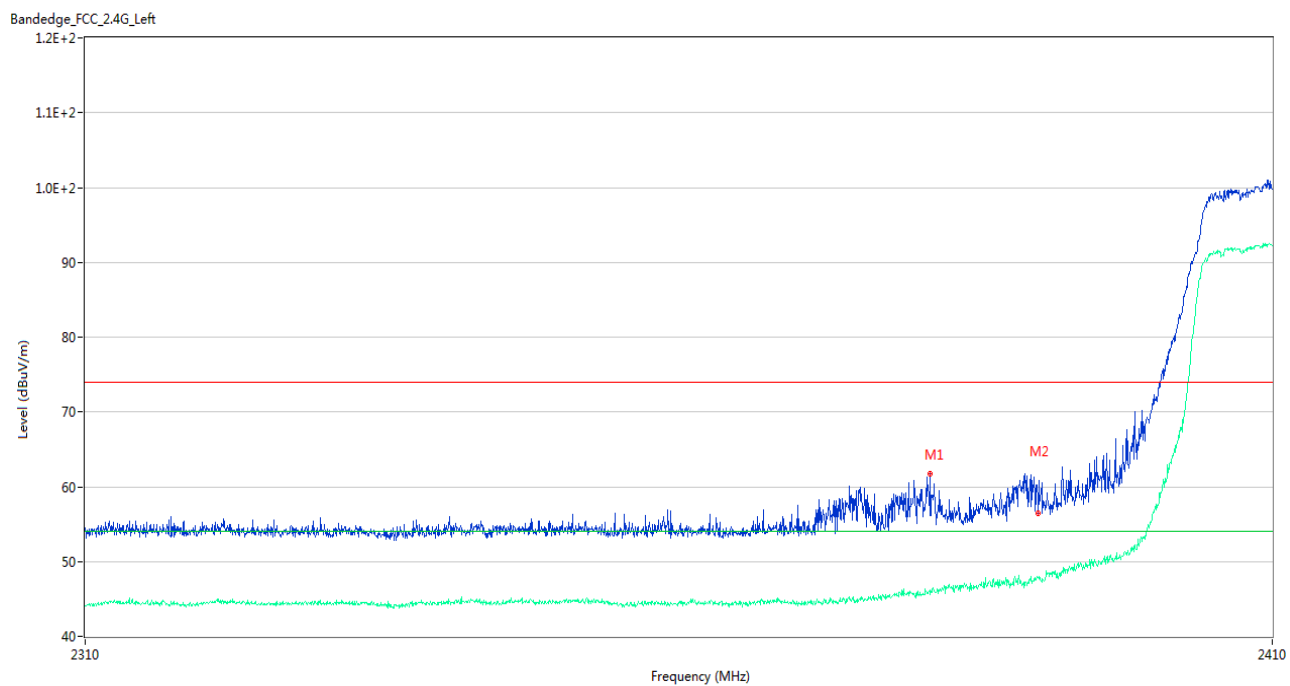
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	59.06	-0.64	74.0	-14.94	Peak	321.00	200	Horizontal	Pass
1**	2389.750	45.96	-0.64	54.0	-8.04	AV	321.00	200	Horizontal	Pass
2	2389.950	58.23	-0.59	74.0	-15.77	Peak	309.00	200	Horizontal	Pass
2**	2389.950	45.94	-0.59	54.0	-8.06	AV	309.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL



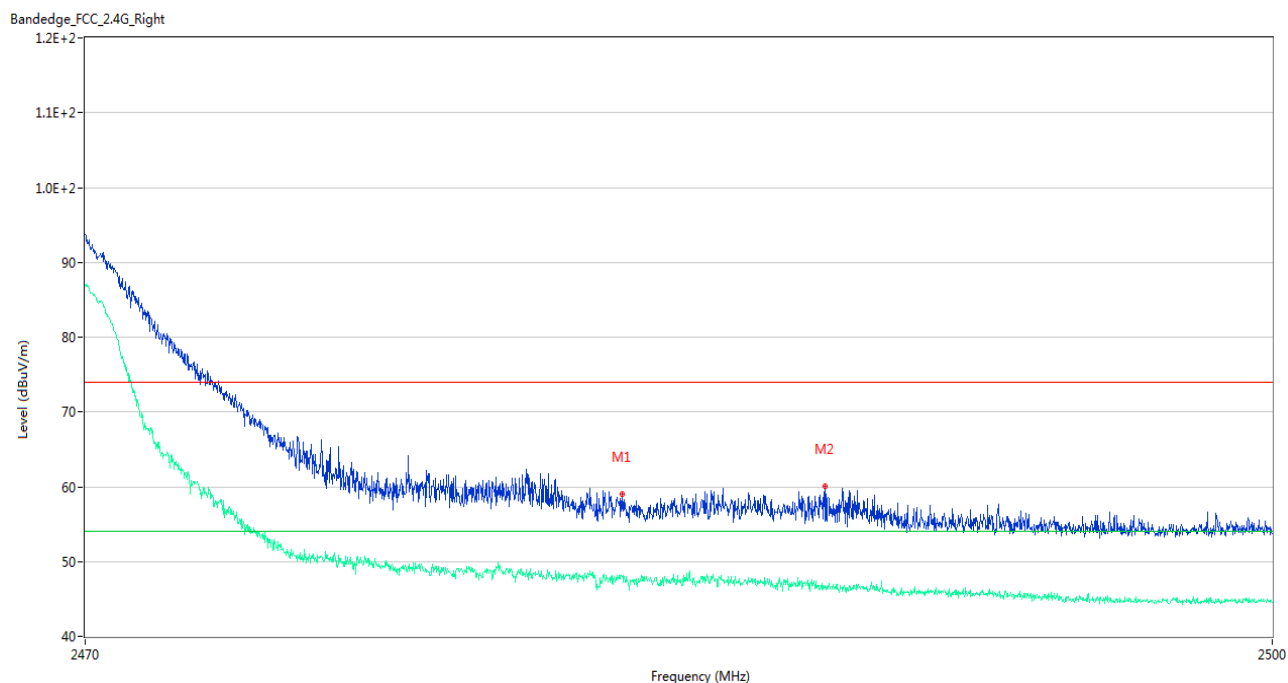
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	57.23	-0.20	74.0	-16.77	Peak	304.00	150	Horizontal	Pass
1**	2483.515	44.96	-0.20	54.0	-9.04	AV	304.00	150	Horizontal	Pass
2	2488.990	59.74	-0.10	74.0	-14.26	Peak	316.00	200	Horizontal	Pass
2**	2488.990	44.92	-0.10	54.0	-9.08	AV	316.00	200	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	2380.750	61.79	-0.47	74.0	-12.21	Peak	335.00	100	Horizontal	Pass
1**	2380.750	45.66	-0.47	54.0	-8.34	AV	335.00	100	Horizontal	Pass
2	2389.950	56.46	-0.59	74.0	-17.54	Peak	287.00	200	Horizontal	Pass
2**	2389.950	47.89	-0.59	54.0	-6.11	AV	287.00	200	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	2483.515	58.99	-0.20	74.0	-15.01	Peak	319.00	150	Horizontal	Pass
1**	2483.515	47.93	-0.20	54.0	-6.07	AV	319.00	150	Horizontal	Pass
2	2488.645	60.09	-0.07	74.0	-13.91	Peak	319.00	100	Horizontal	Pass
2**	2488.645	46.75	-0.07	54.0	-7.25	AV	319.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.13	8
Middle	-17.92	8
High	-17.19	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.94	8
Middle	-20.85	8
High	-21.75	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.29	8
Middle	-20.50	8
High	-21.67	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.44	8
Middle	-25.29	8
High	-24.62	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.43	7.65
Middle	-18.26	7.65
High	-18.57	7.65

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.79	7.65
Middle	-21.59	7.65
High	-21.56	7.65

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.17	7.65
Middle	-21.54	7.65
High	-21.45	7.65

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.49	7.65
Middle	-24.75	7.65
High	-25.47	7.65

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.07	8
Middle	-24.37	8
High	-24.51	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-27.82	8
Middle	-28.04	8
High	-27.69	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.31	8
Middle	-24.69	8
High	-24.59	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-28.43	8
Middle	-28.03	8
High	-28.47	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.18	8
Middle	-21.52	8
High	-21.54	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.11	8
Middle	-25.02	8
High	-25.05	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



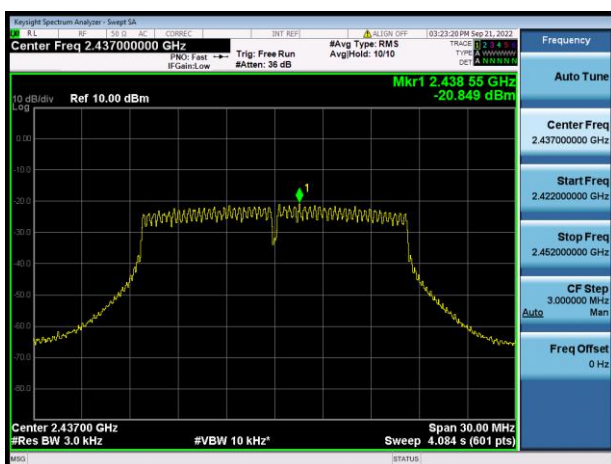
802.11b HIGH CHANNEL



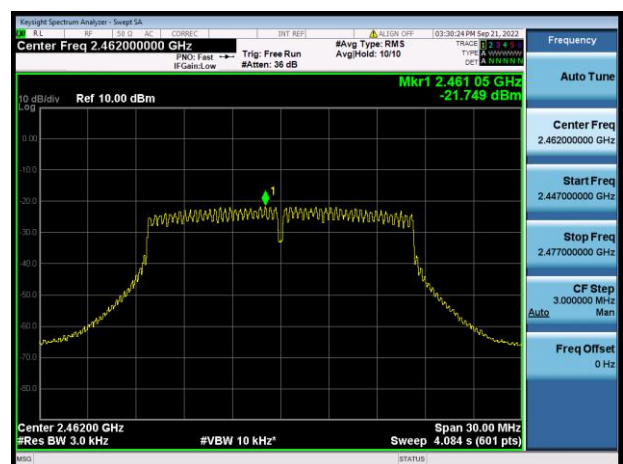
802.11g LOW CHANNEL



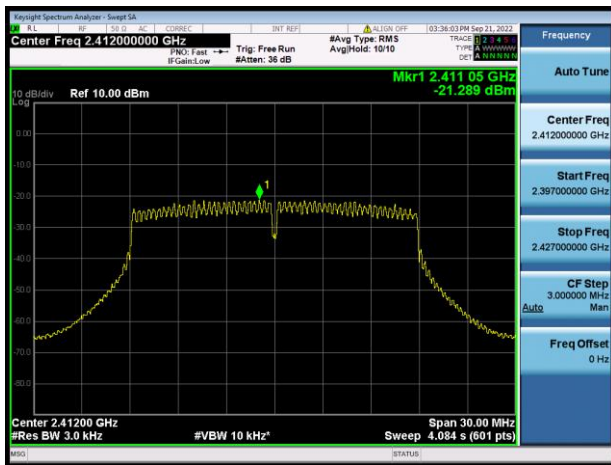
802.11g MIDDLE CHANNEL



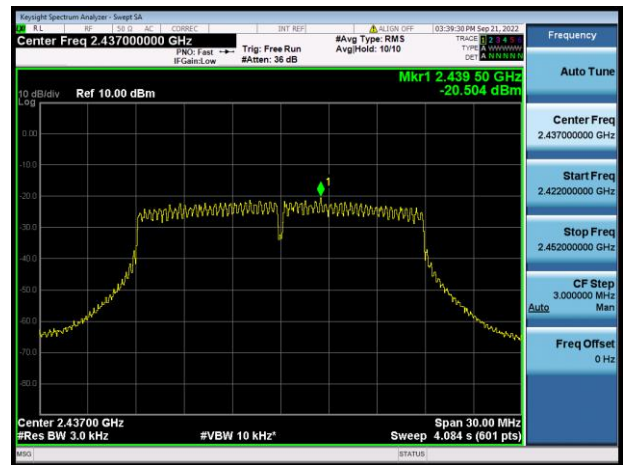
802.11g HIGH CHANNEL



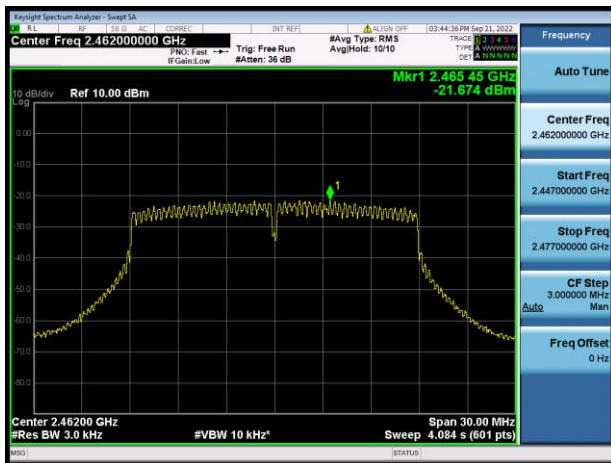
802.11n-20 MHz LOW CHANNEL



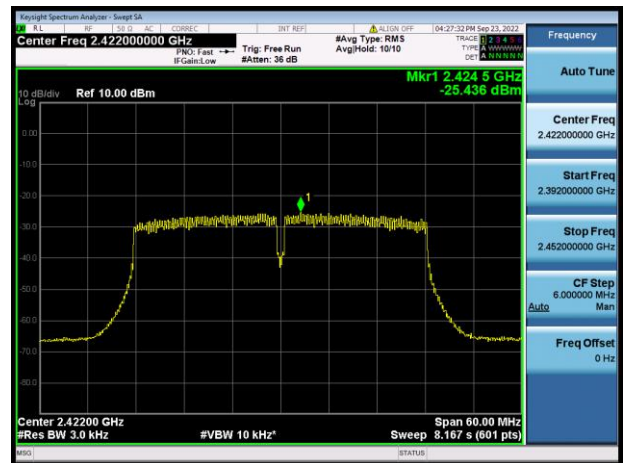
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



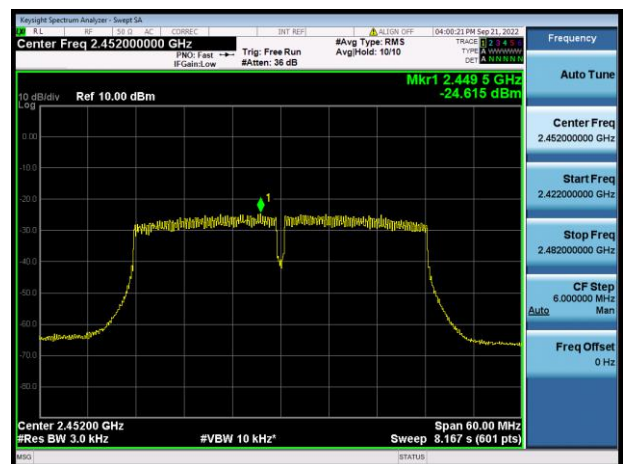
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



Aux. Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



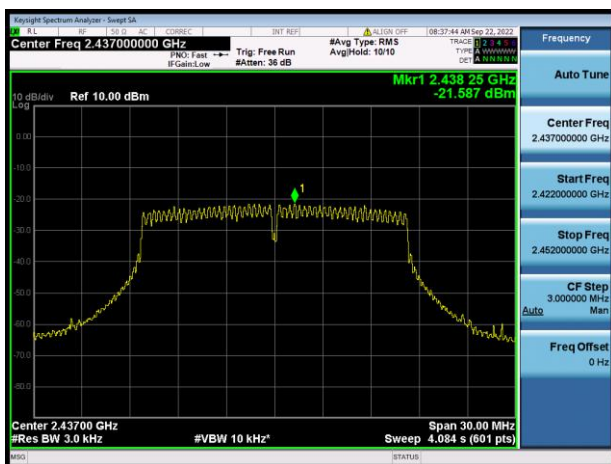
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL

