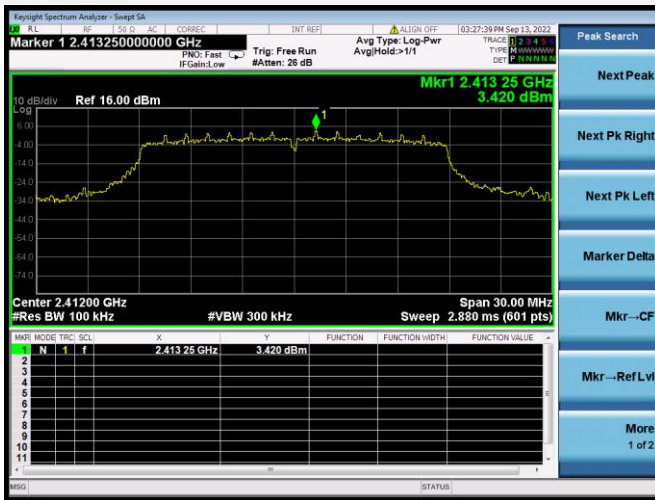
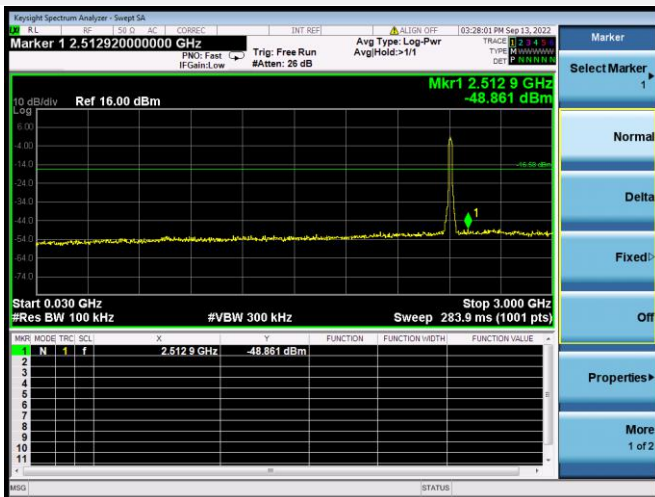


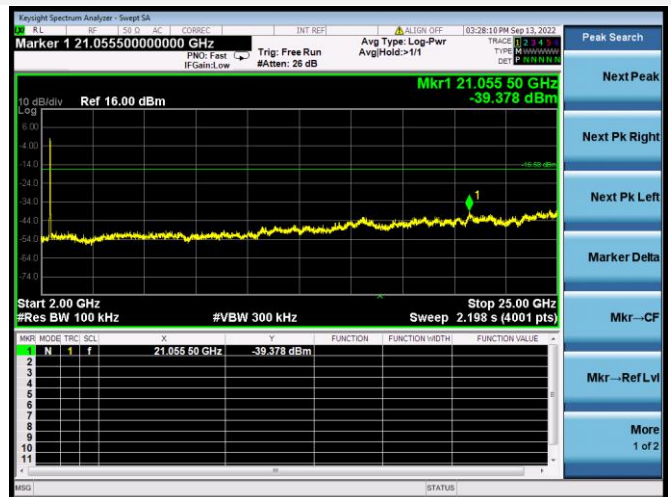
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL



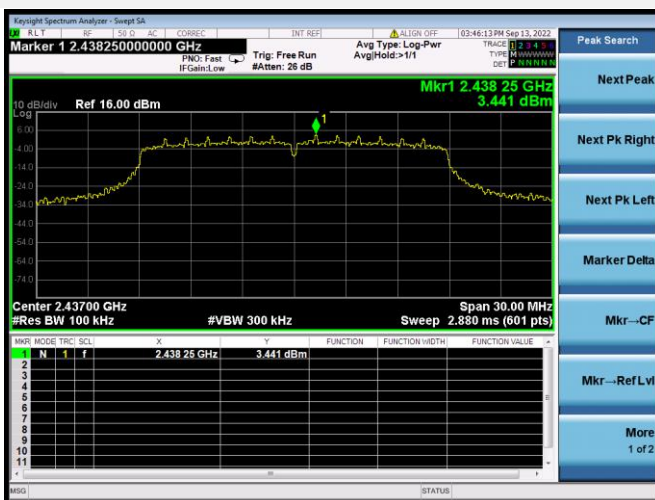
802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



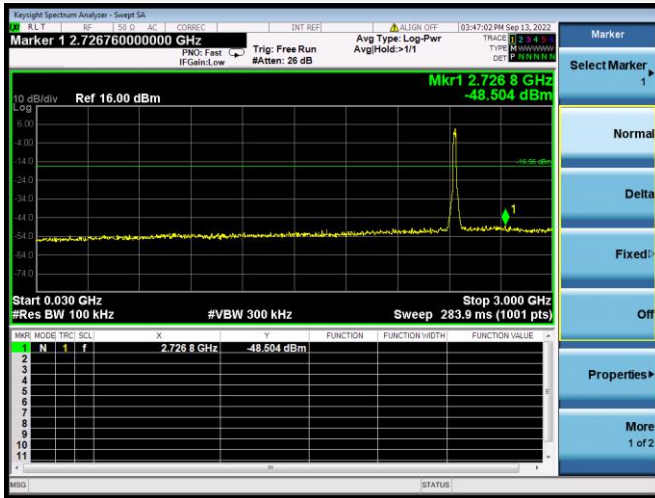
802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



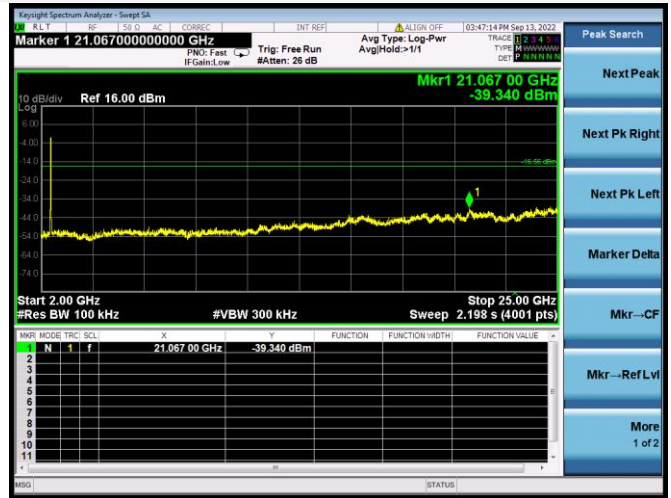
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



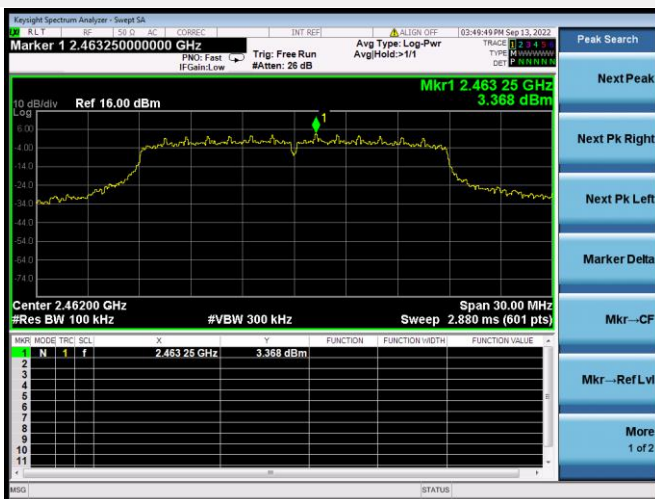
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



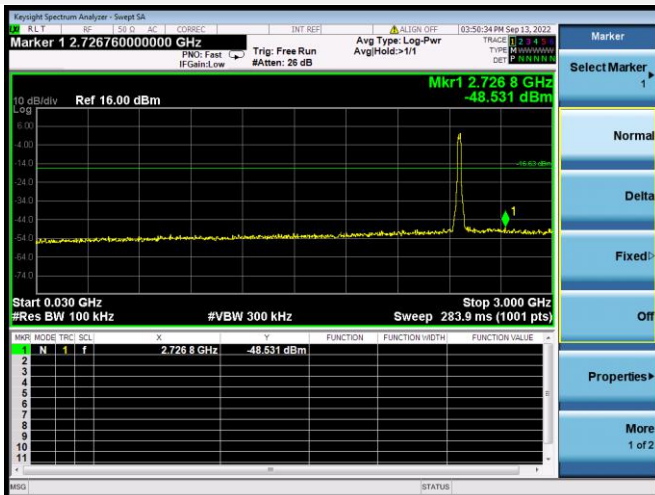
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



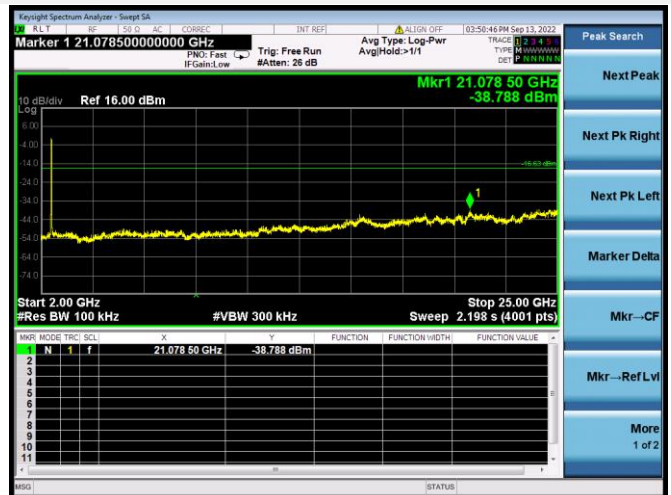
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



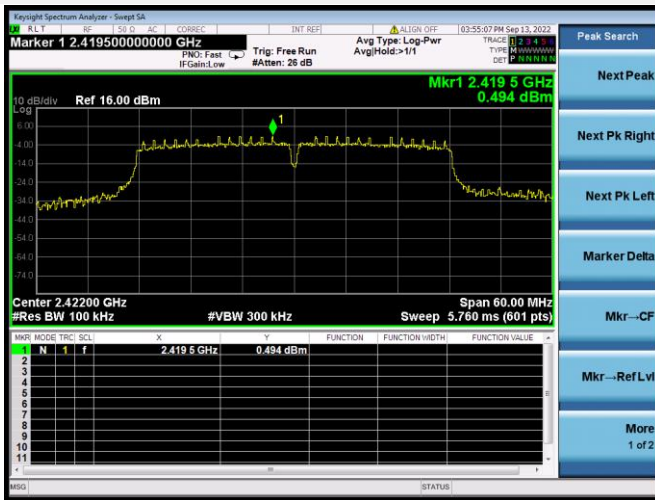
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



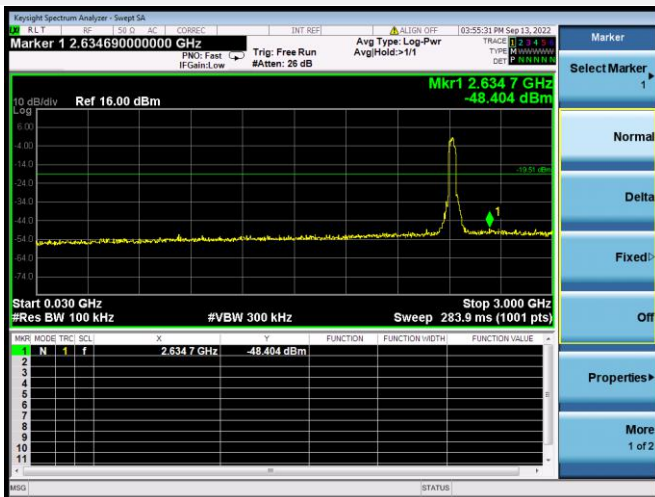
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



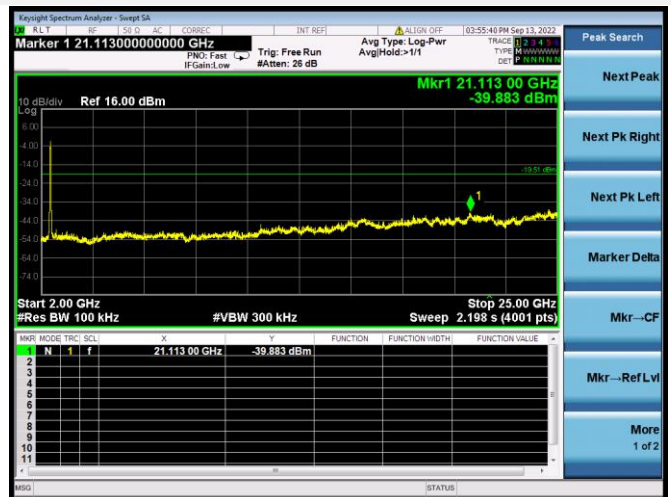
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



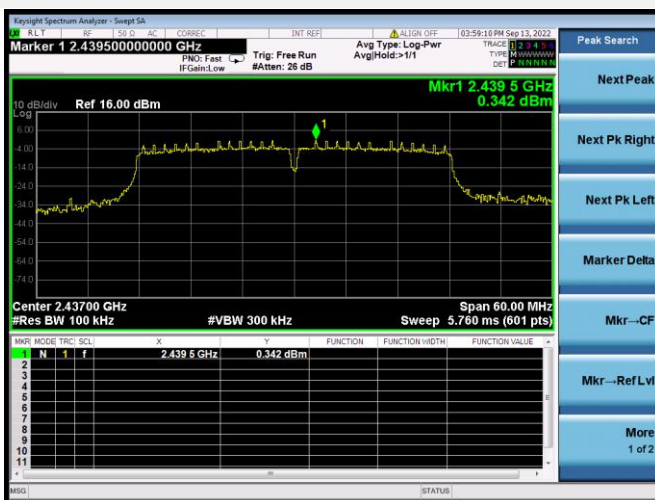
802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



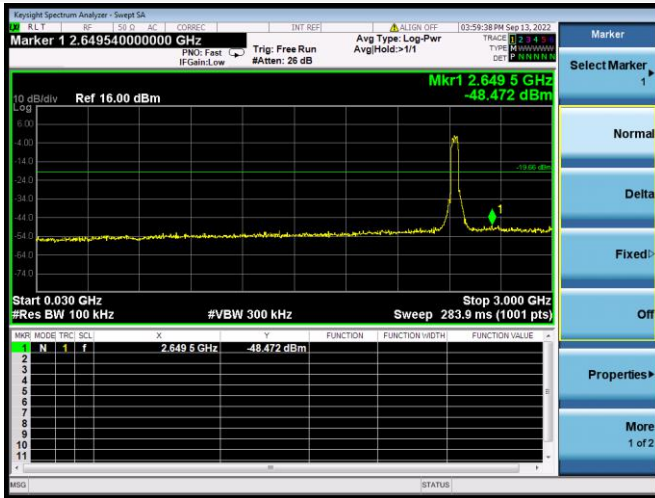
802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



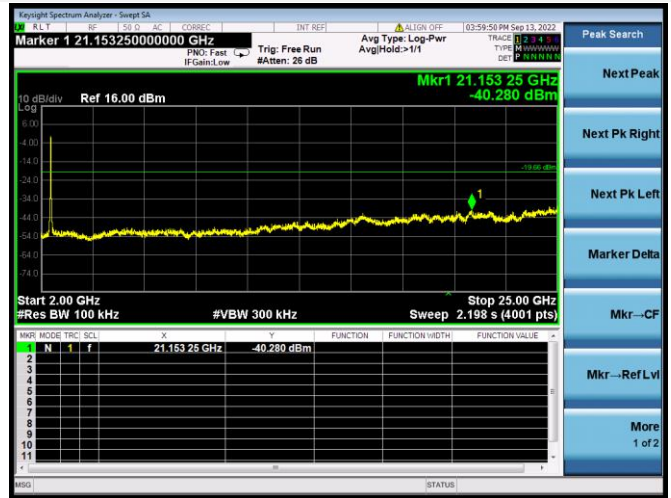
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



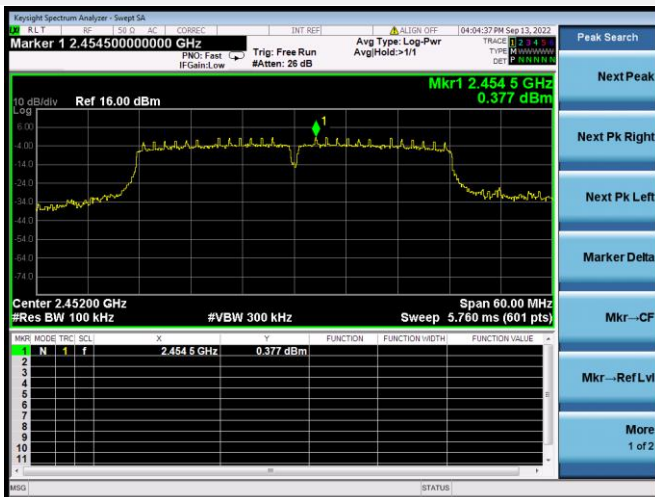
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



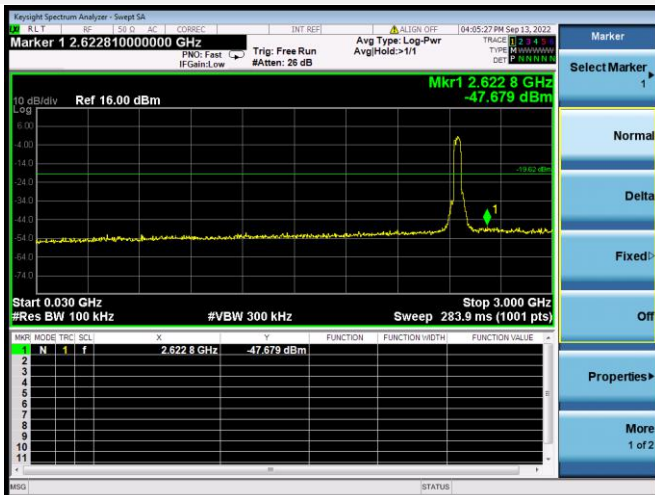
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



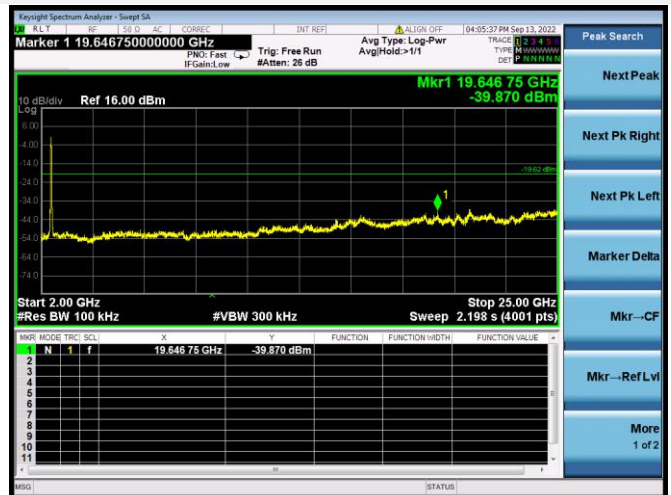
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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

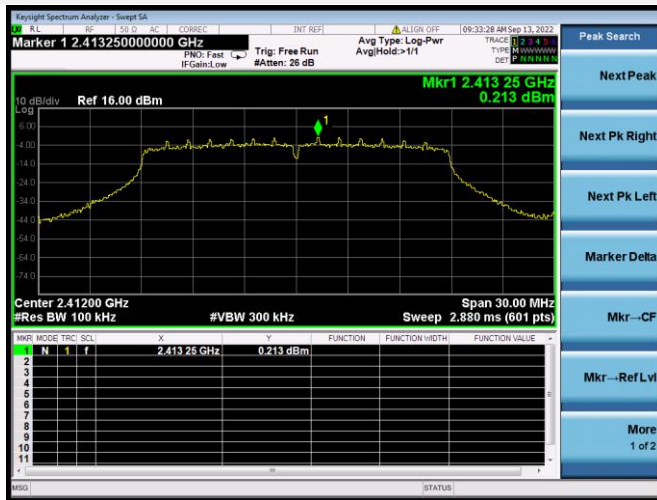


802.11n-40 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

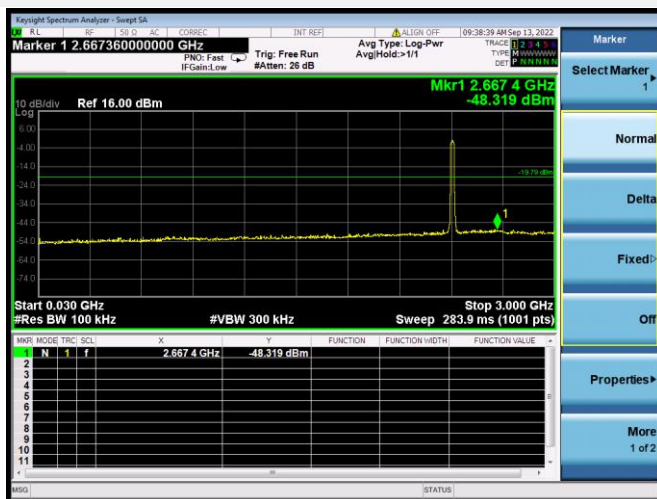


MIMO-Main Antenna

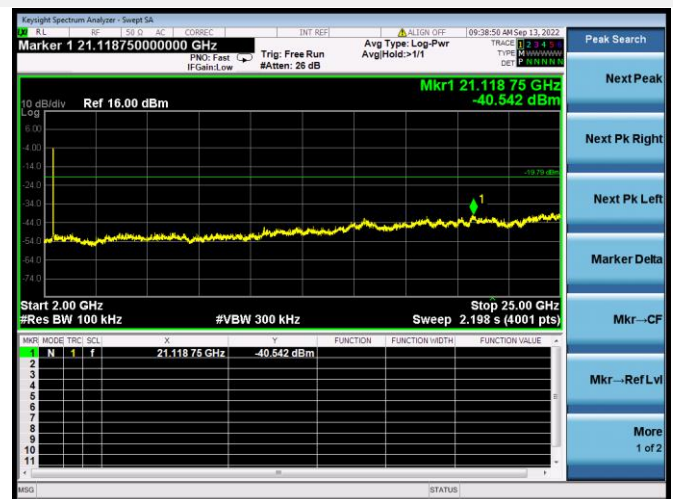
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL



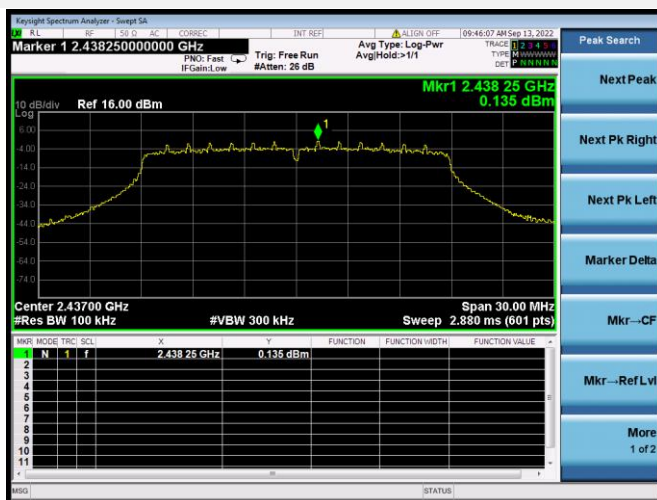
802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



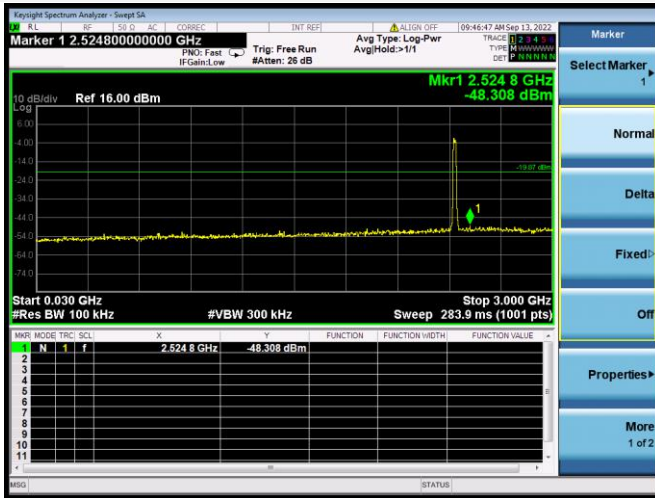
802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



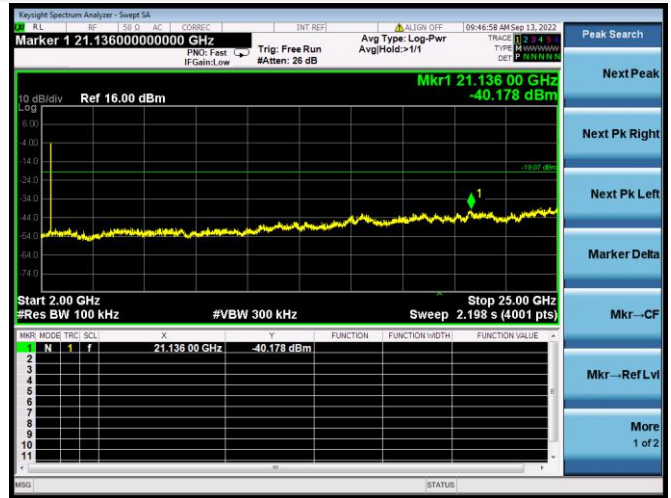
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



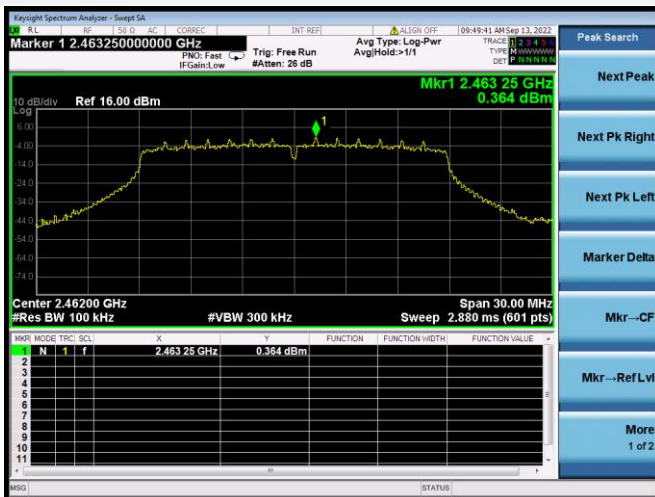
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



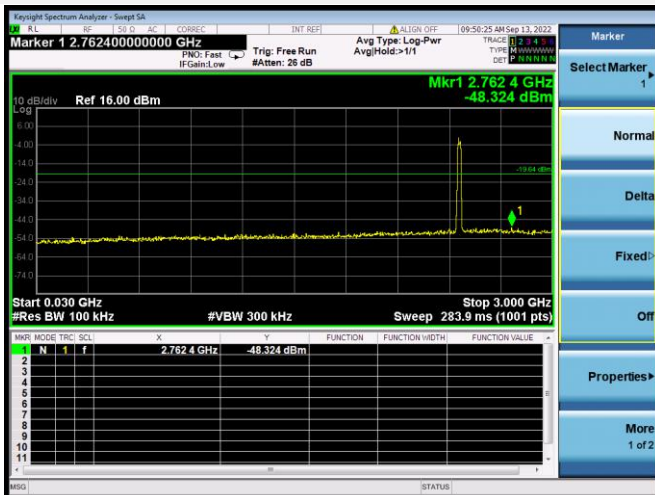
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



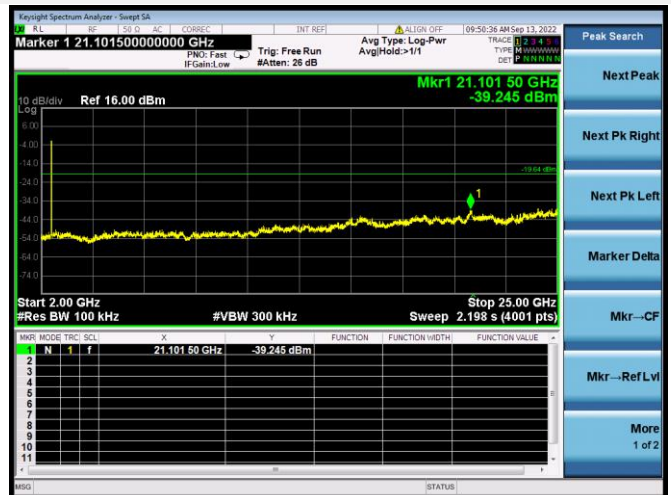
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



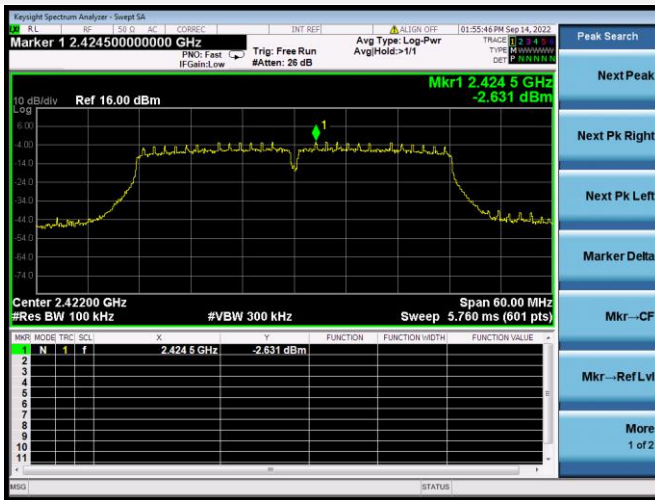
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



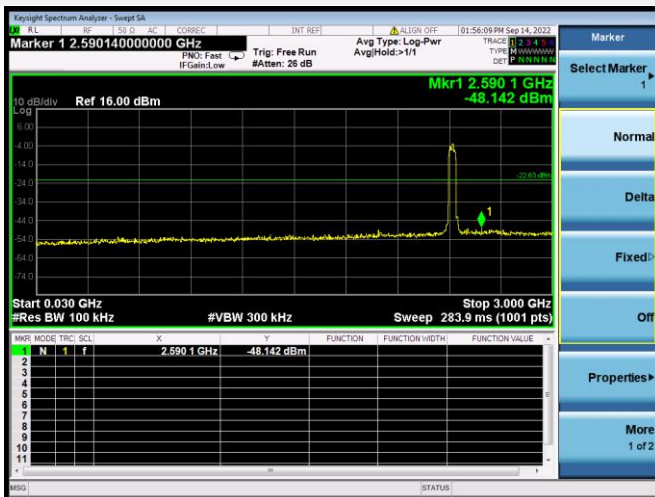
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



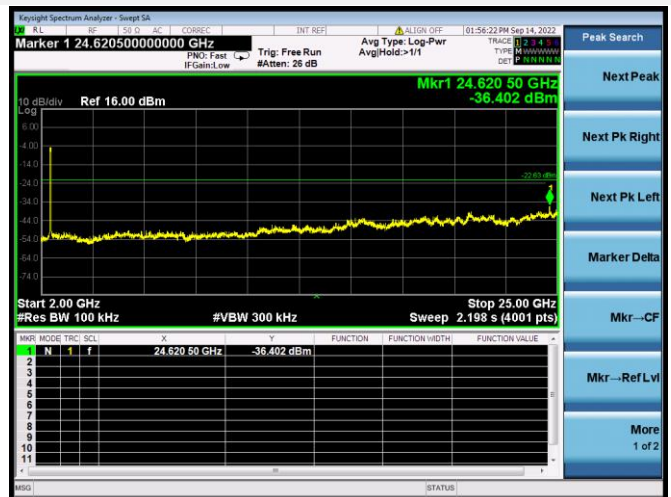
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



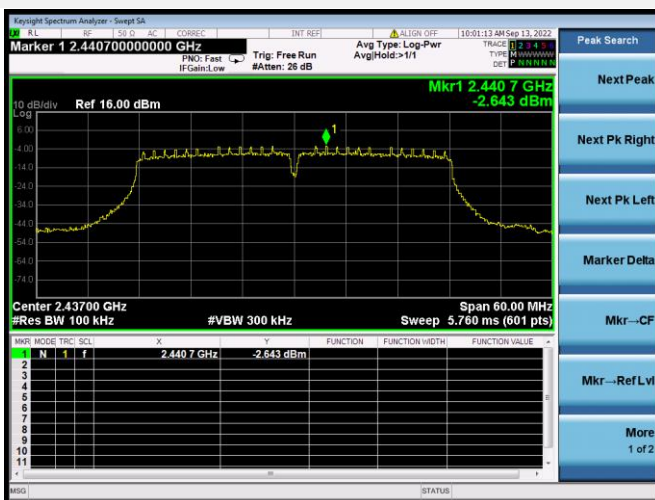
802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



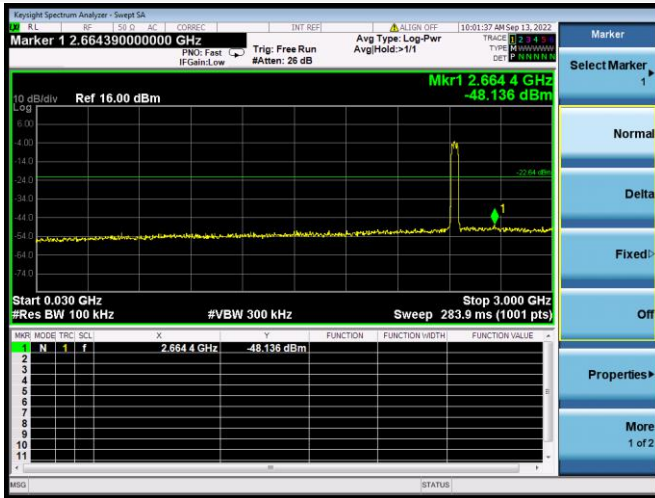
802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



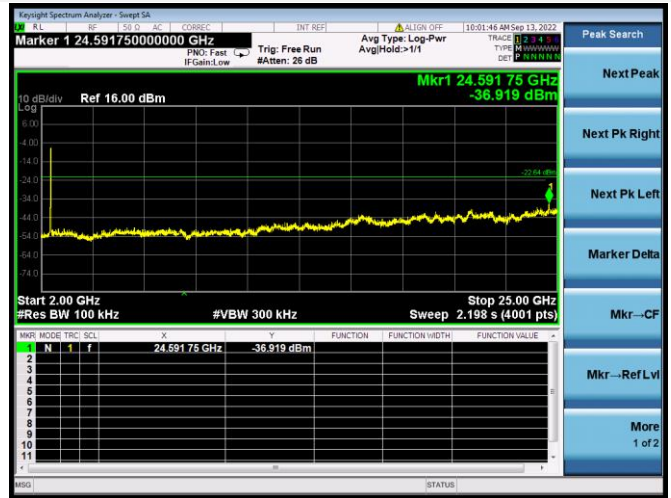
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



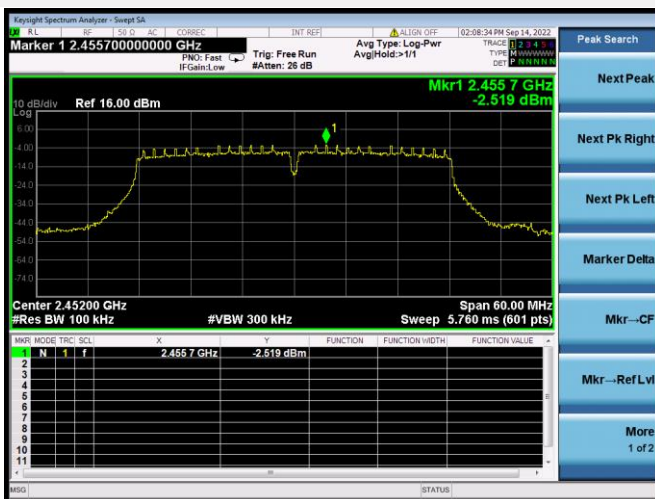
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



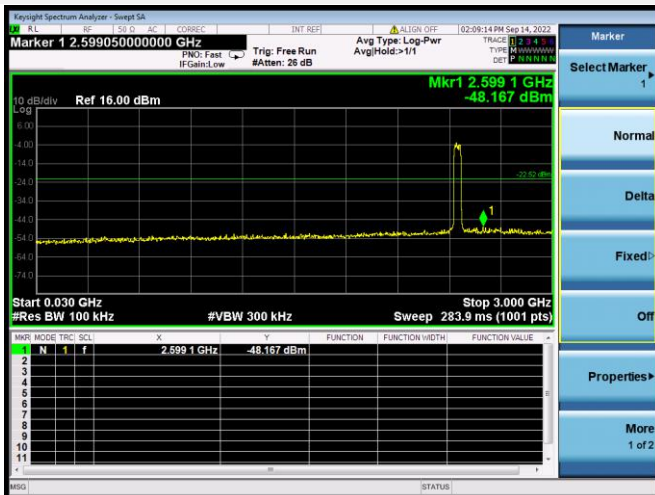
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



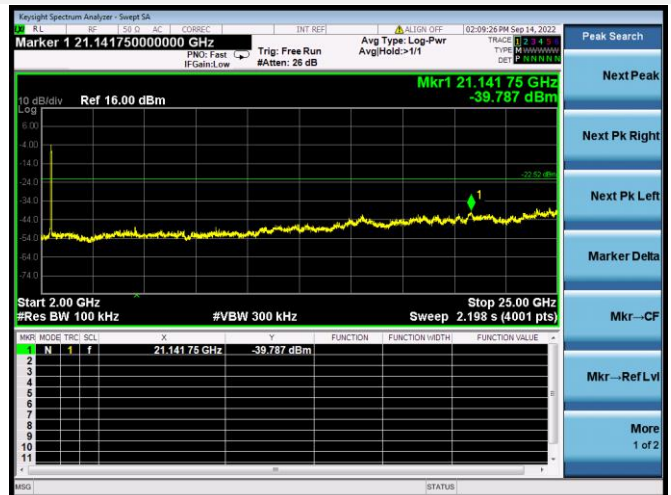
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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

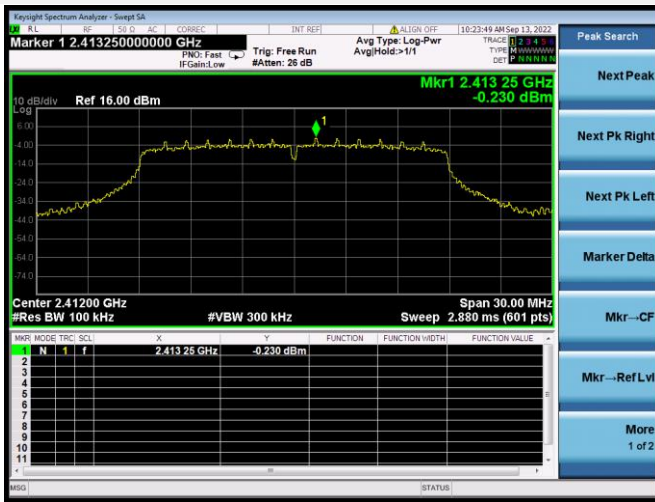


802.11n-40 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



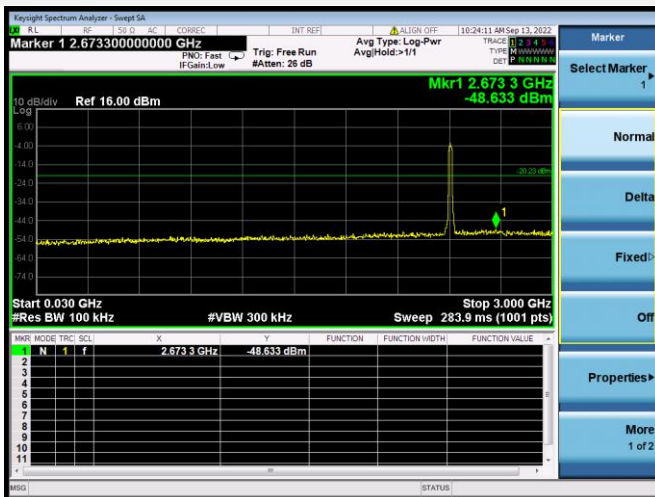
MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL CARRIER LEVEL



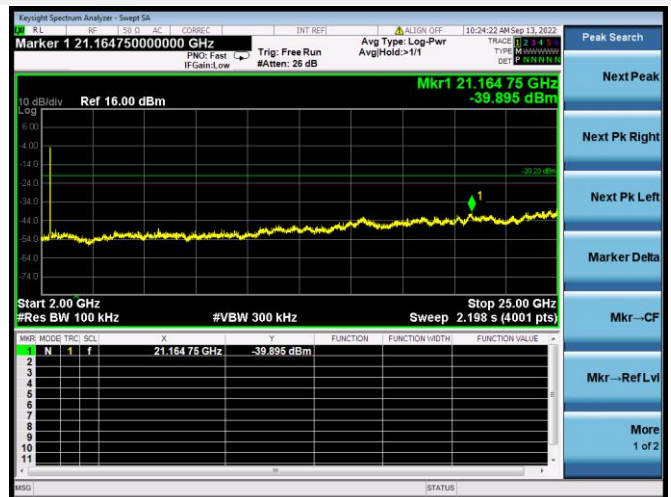
802.11n-20 MHz LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

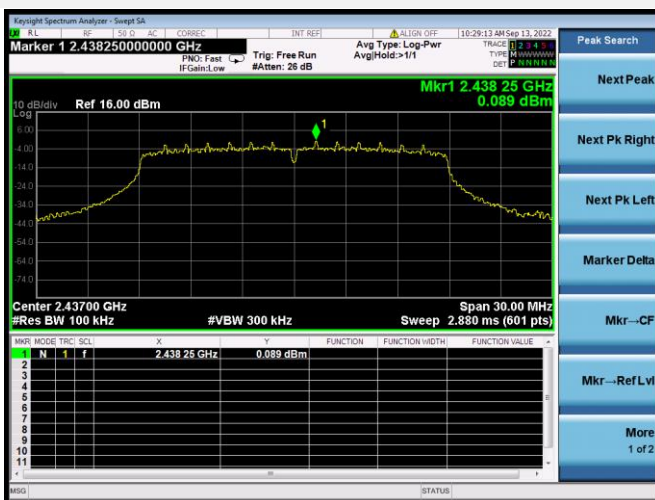


802.11n-20 MHz LOW CHANNEL, SPURIOUS

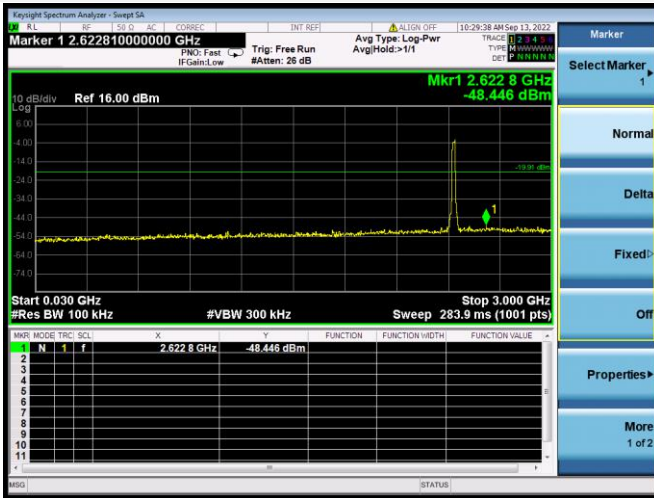
2 GHz ~ 25 GHz



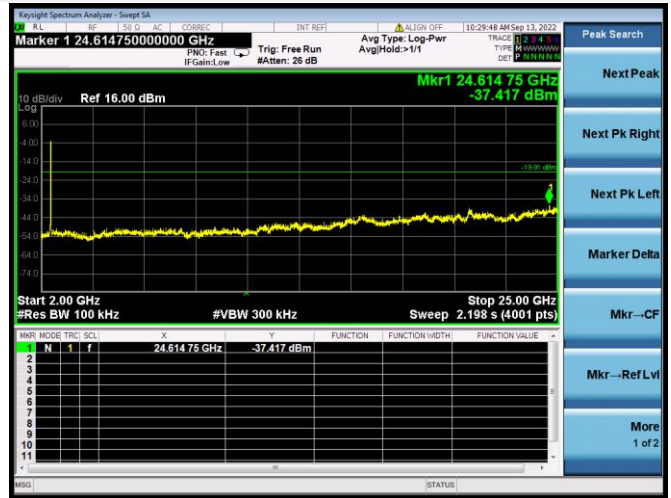
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



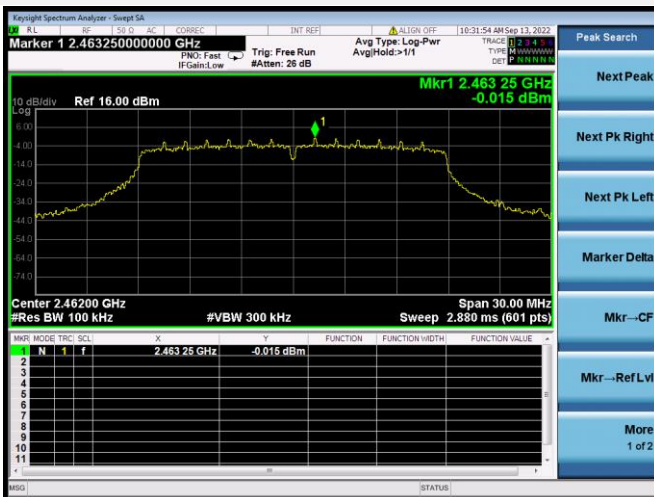
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



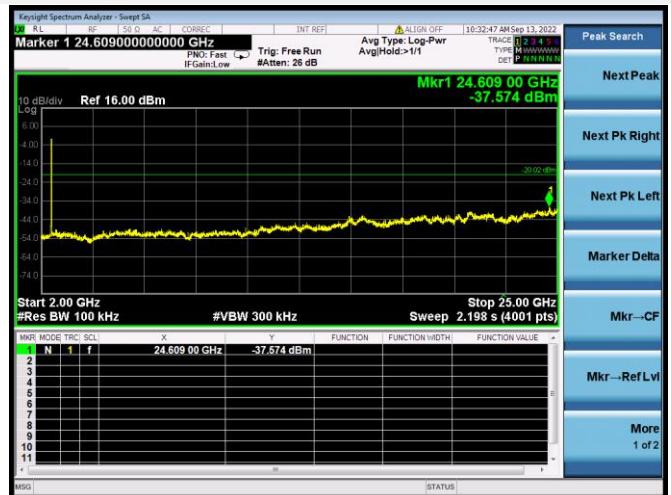
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



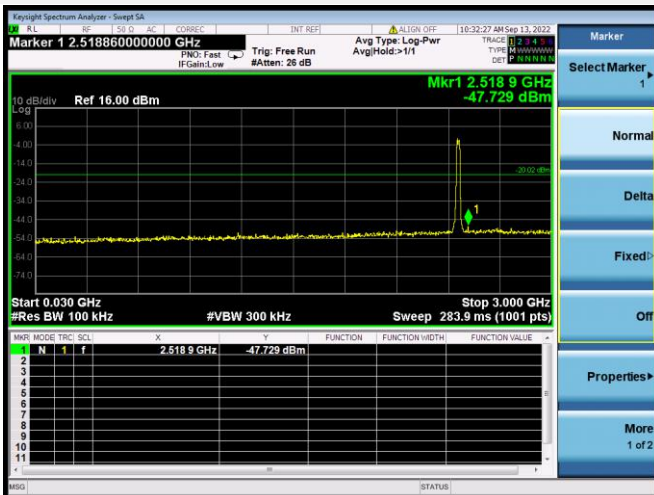
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



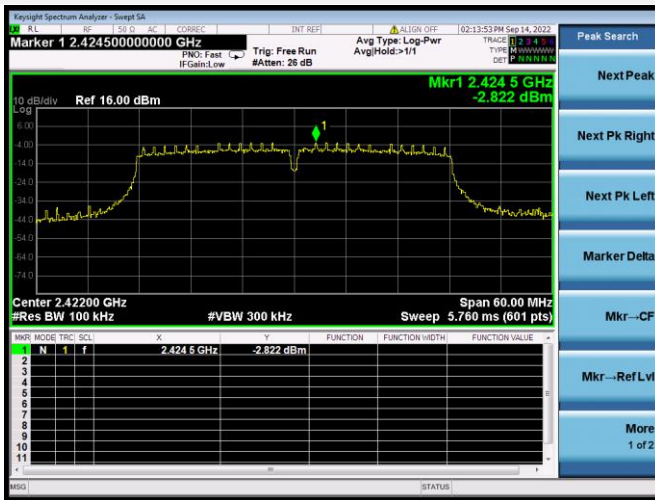
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



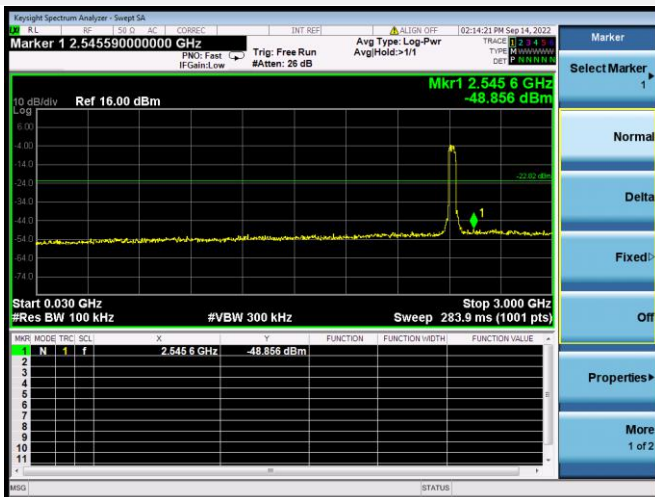
802.11n-20 MHz HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



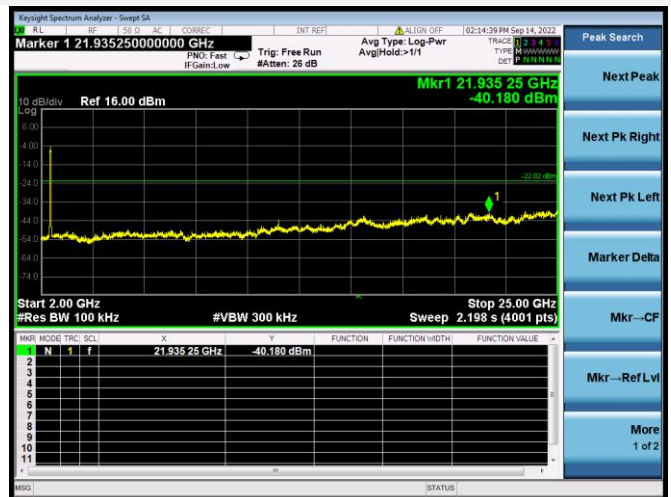
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL



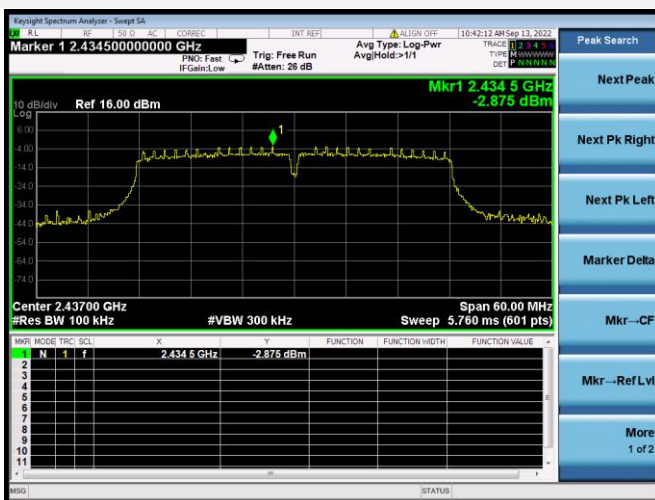
802.11n-40 MHz LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



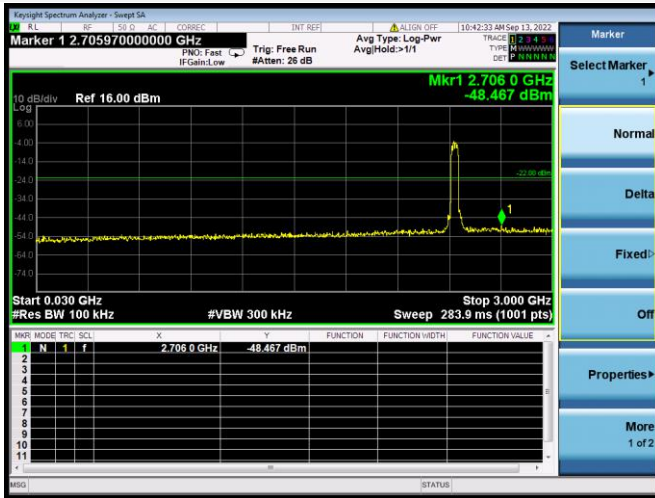
802.11n-40 MHz LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



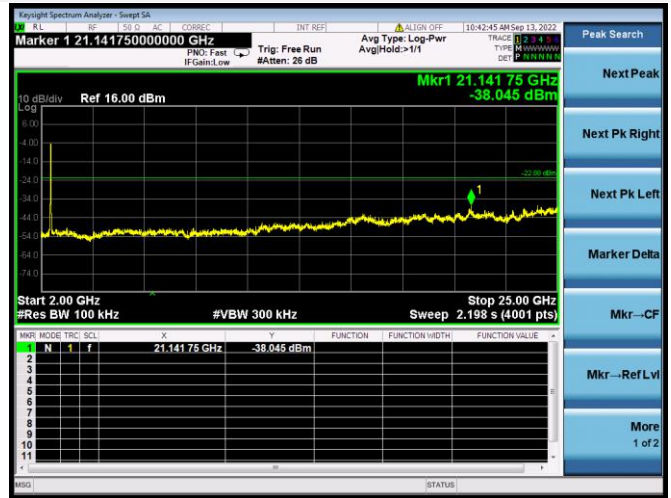
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



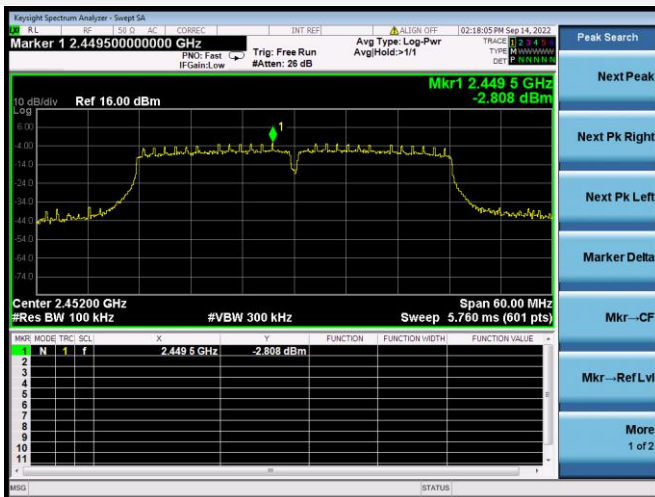
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



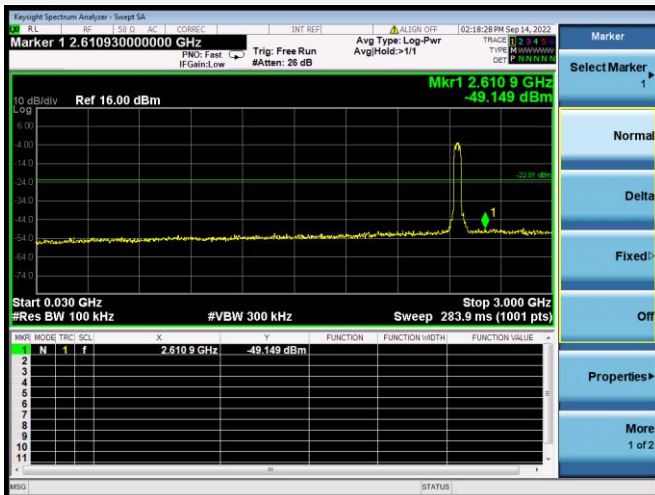
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



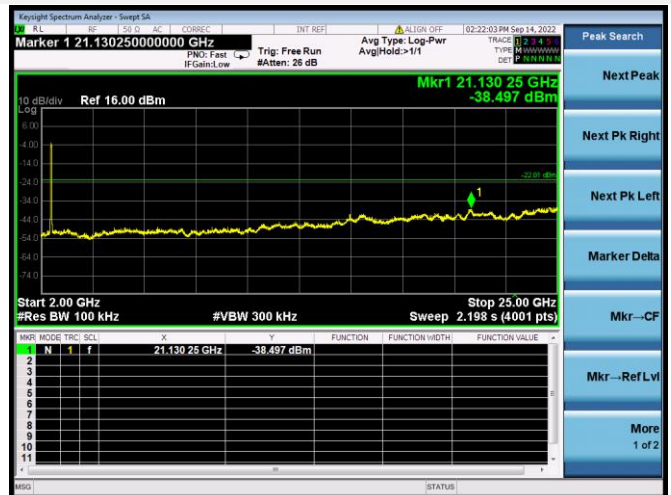
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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.

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	-35.82	6.48	-13.52	Pass
High Channel	-45.44	6.46	-13.54	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.43	3.28	-16.72	Pass
High Channel	-44.88	3.01	-16.99	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.90	3.51	-16.49	Pass
High Channel	-45.41	3.48	-16.52	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.52	0.56	-19.44	Pass
High Channel	-42.22	0.61	-19.39	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.66	6.03	-13.97	Pass
High Channel	-45.24	6.18	-13.82	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.29	3.39	-16.61	Pass
High Channel	-37.39	3.11	-16.89	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.63	3.42	-16.58	Pass
High Channel	-35.41	3.37	-16.63	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.15	0.49	-19.51	Pass
High Channel	-29.03	0.38	-19.62	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	-35.45	0.21	-19.79	Pass
High Channel	-45.78	0.36	-19.64	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.18	-2.63	-22.63	Pass
High Channel	-44.91	-2.52	-22.52	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	-33.98	-0.23	-20.23	Pass
High Channel	-43.46	-0.02	-20.02	Pass

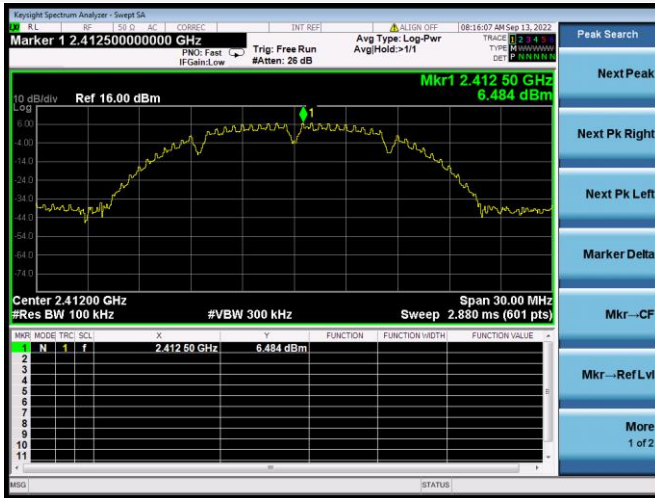
802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.10	-2.82	-22.82	Pass
High Channel	-38.89	-2.81	-22.81	Pass

Test Plots

Main Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



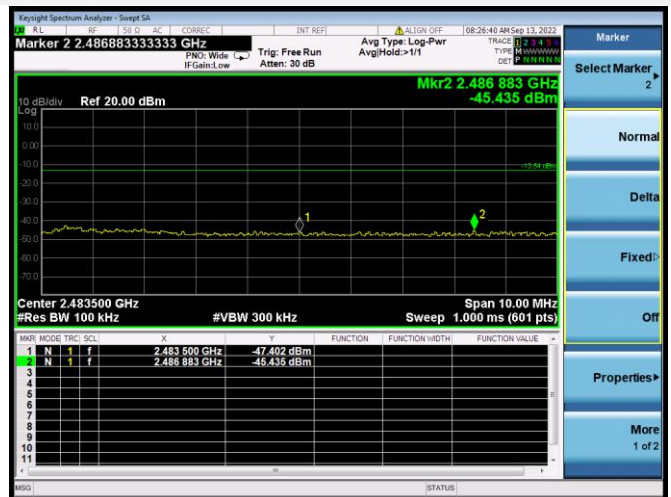
802.11b LOW CHANNEL, BAND EDGE



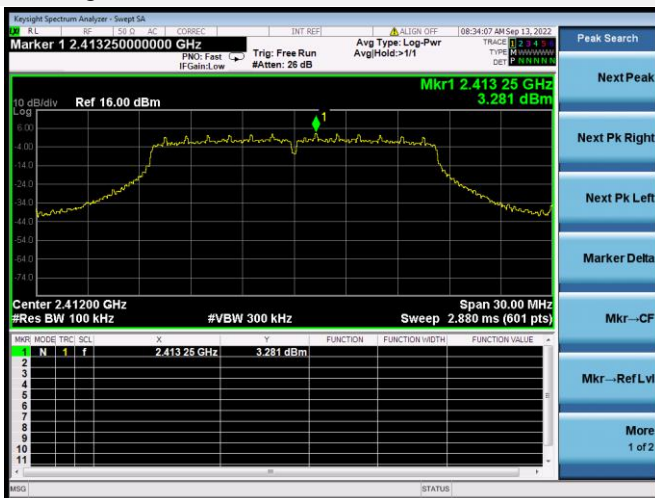
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



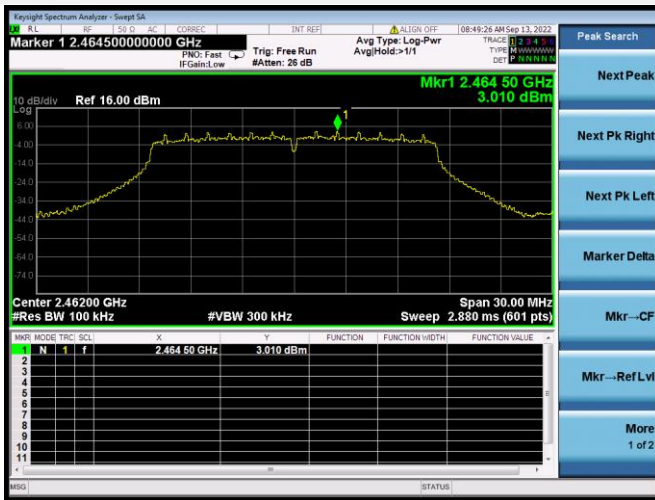
802.11g LOW CHANNEL, CARRIER LEVEL



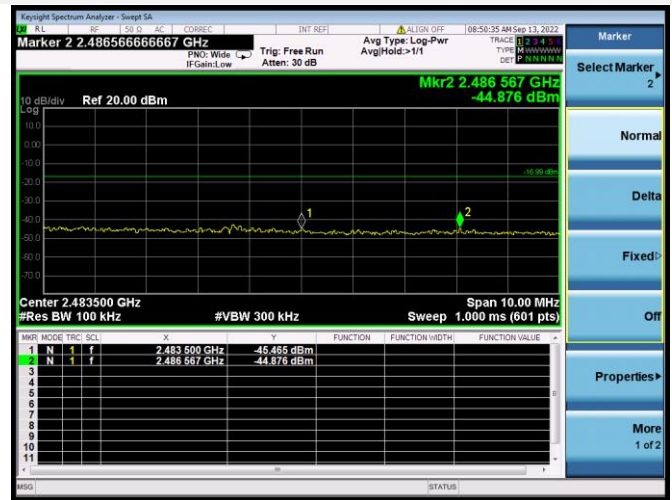
802.11g LOW CHANNEL, BAND EDGE



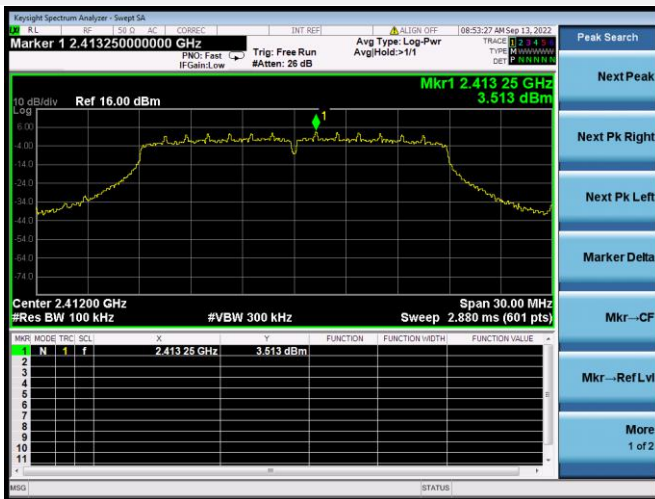
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



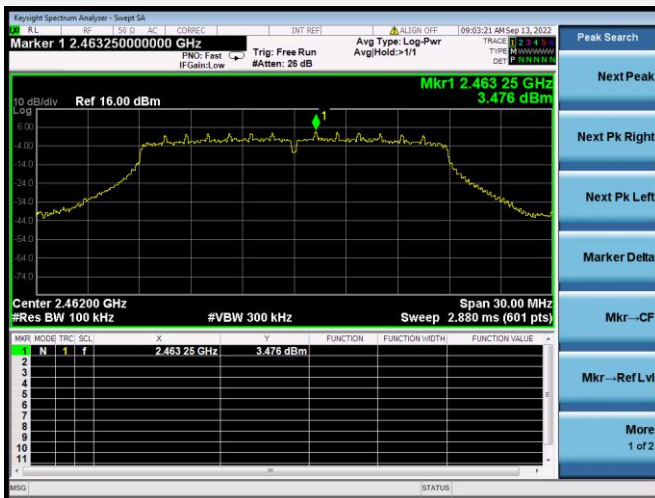
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



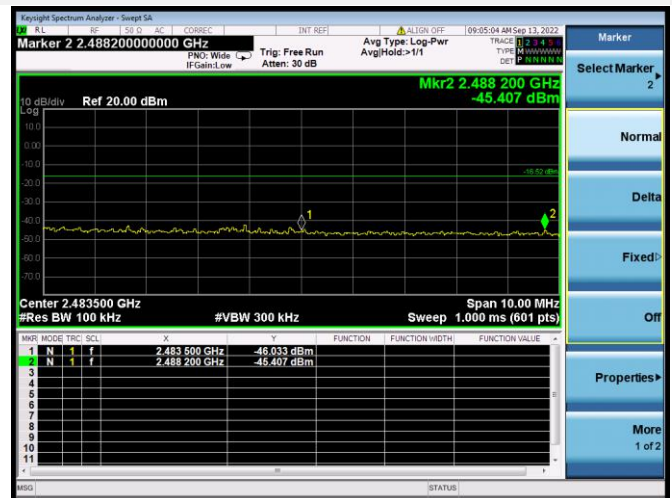
802.11n-20 MHz LOW CHANNEL, BAND EDGE



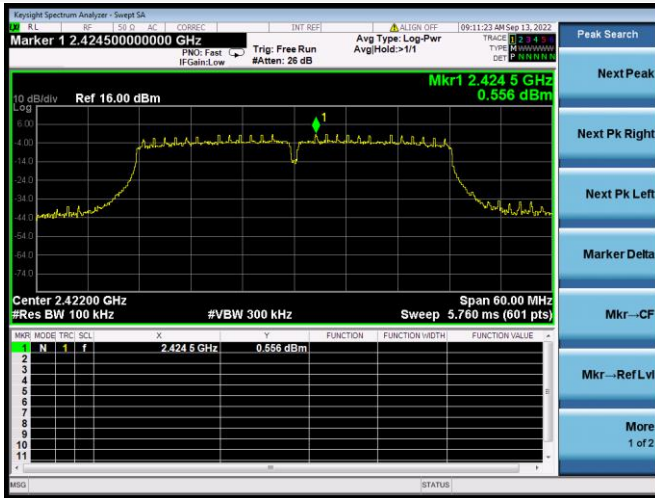
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



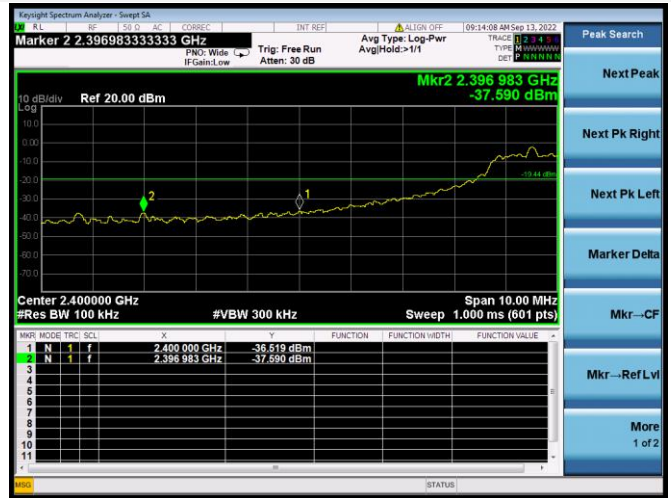
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



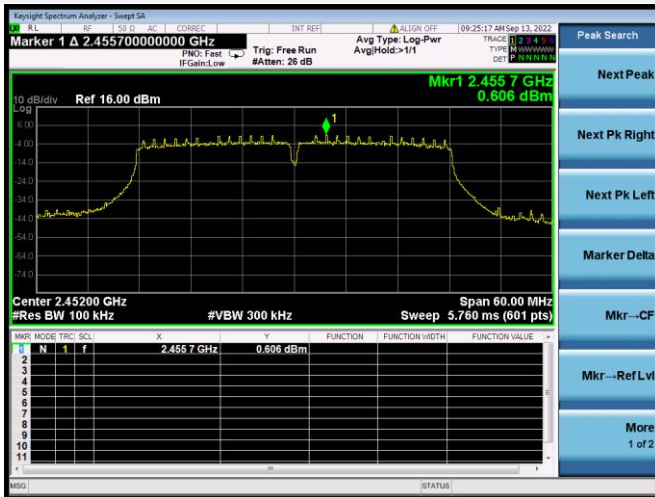
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



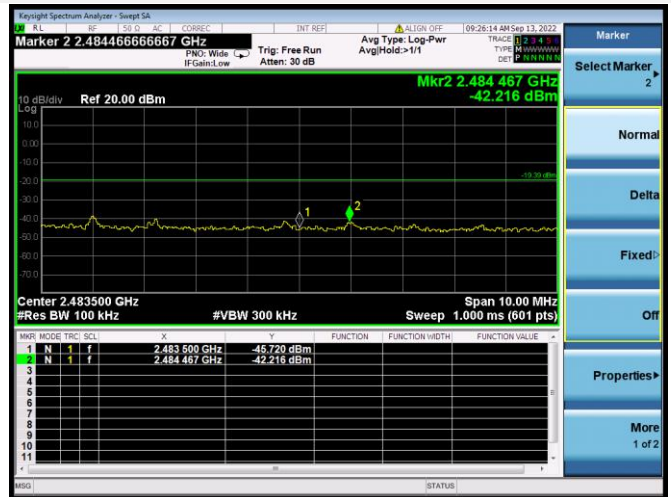
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE

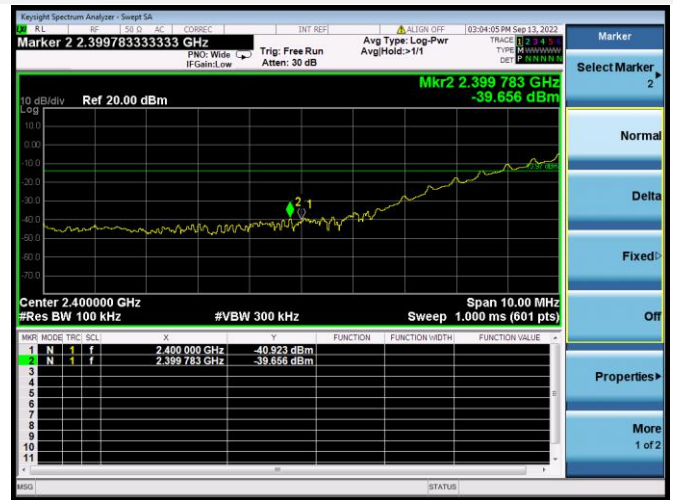


Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



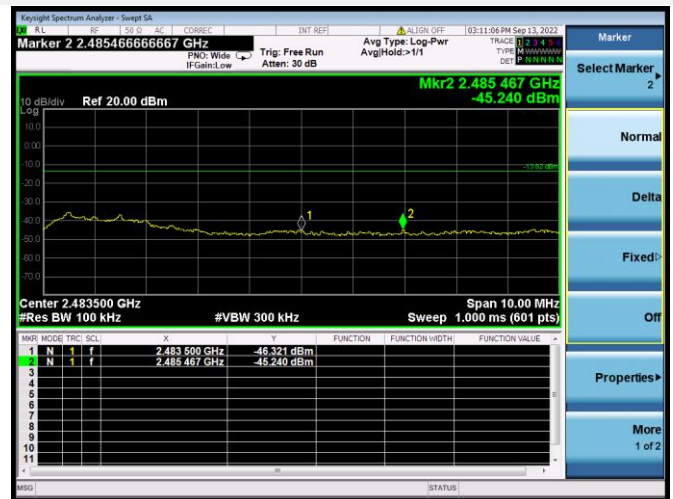
802.11b LOW CHANNEL, BAND EDGE



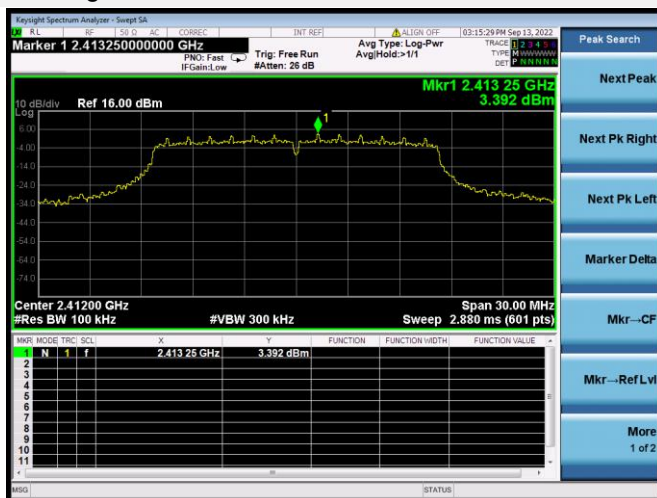
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



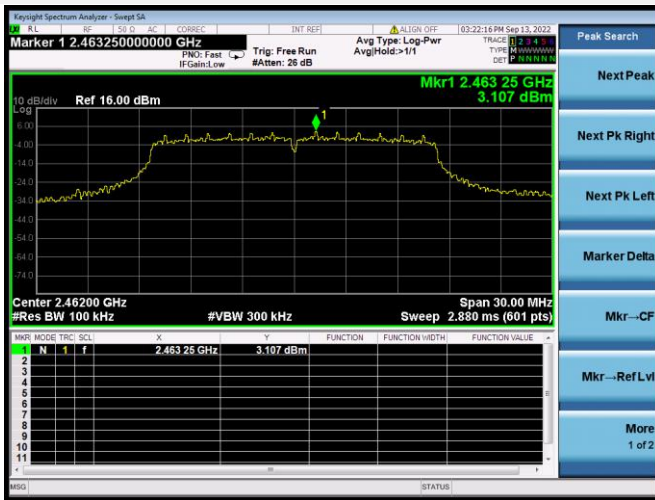
802.11g LOW CHANNEL, CARRIER LEVEL



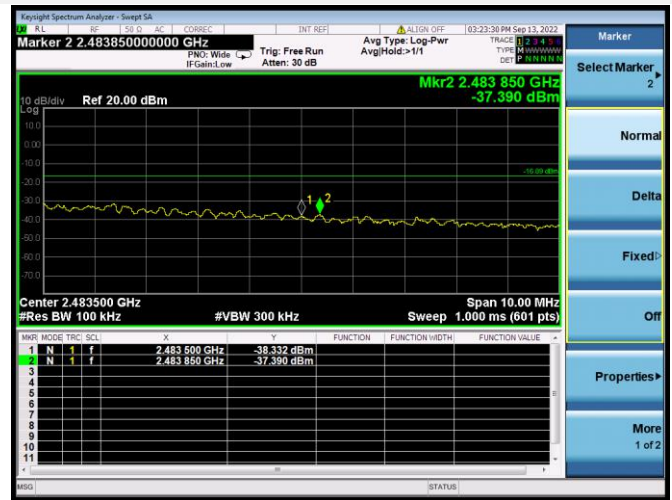
802.11g LOW CHANNEL, BAND EDGE



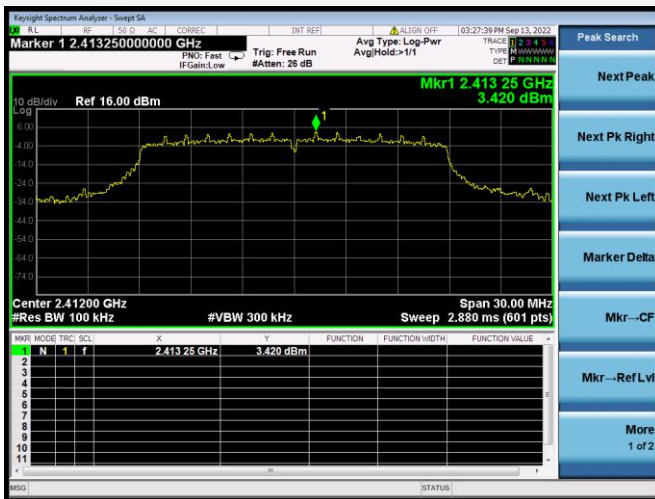
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



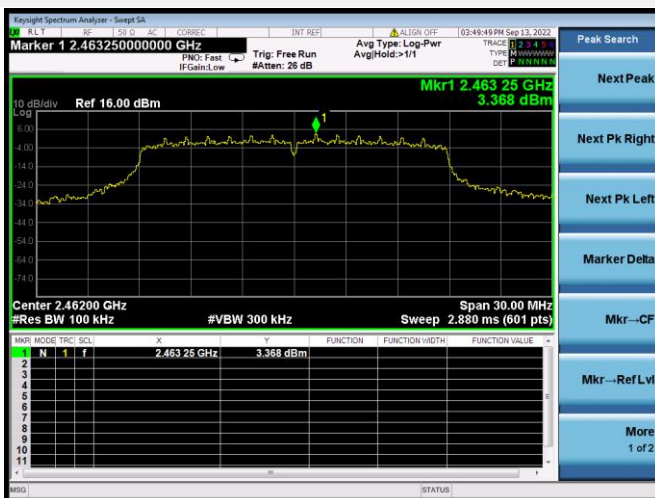
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



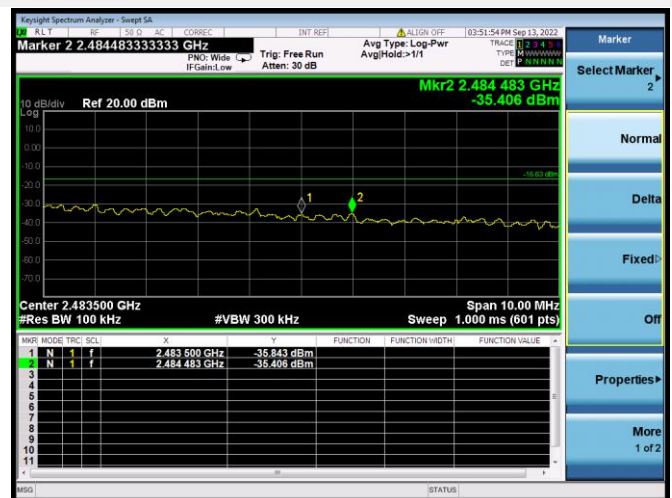
802.11n-20 MHz LOW CHANNEL, BAND EDGE



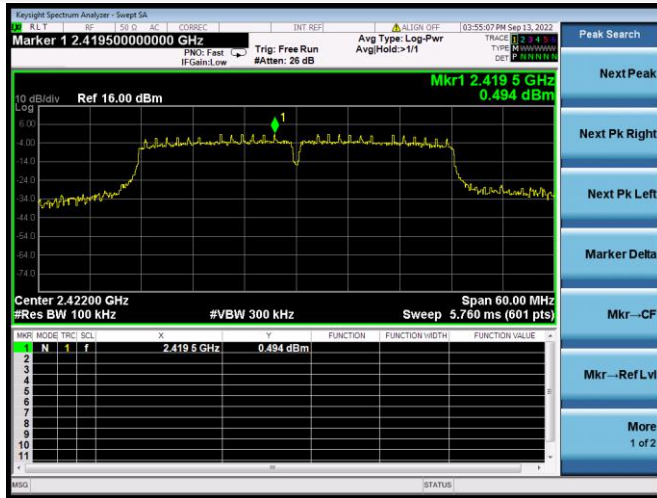
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



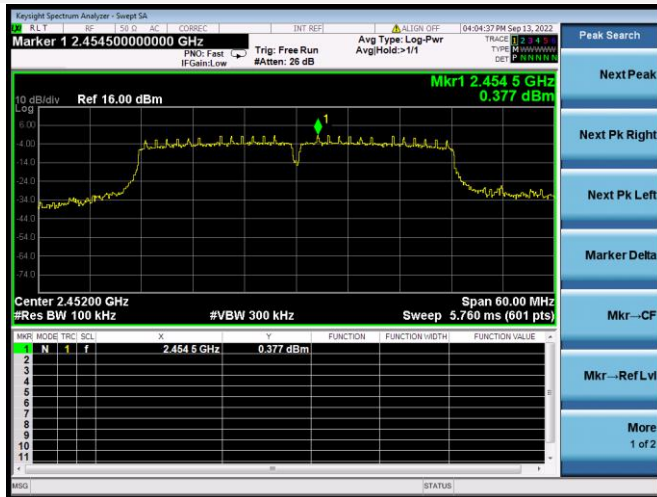
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



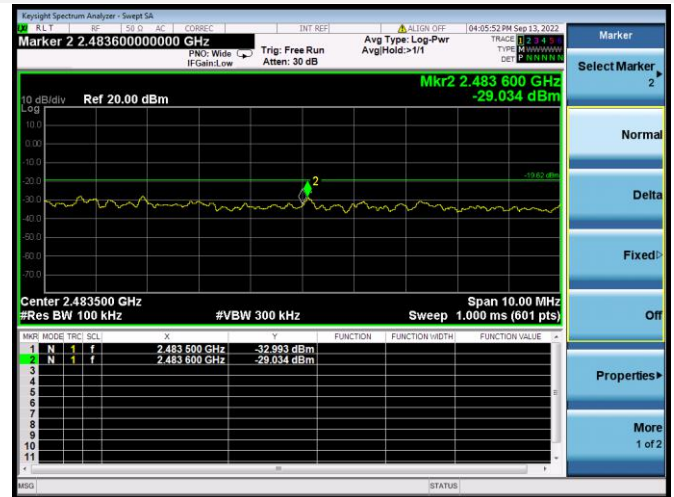
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

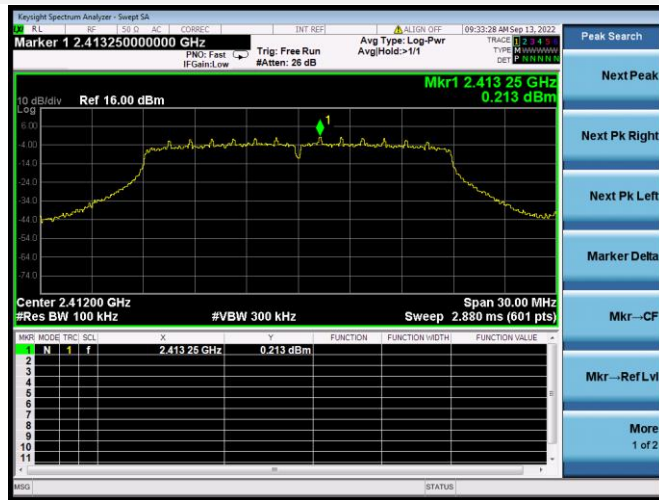


802.11n-40 MHz HIGH CHANNEL, BAND EDGE

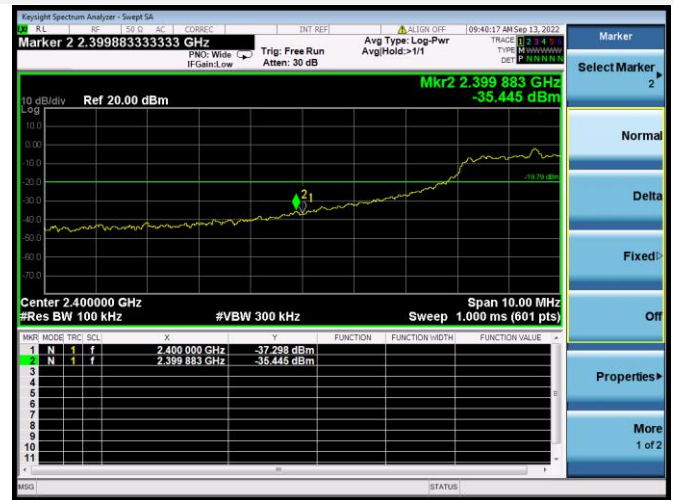


MIMO-Main Antenna

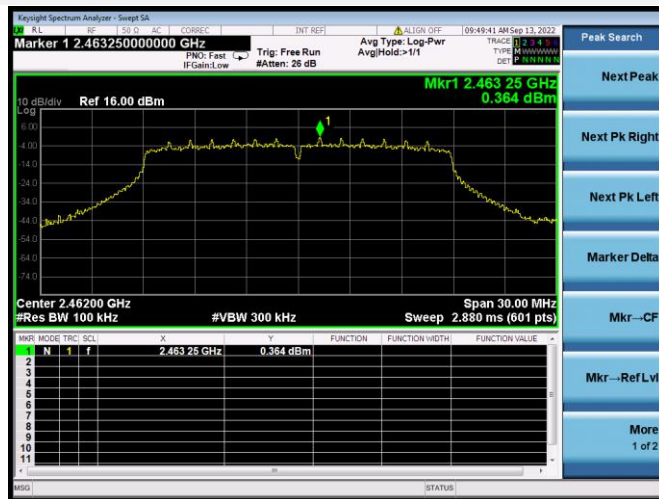
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



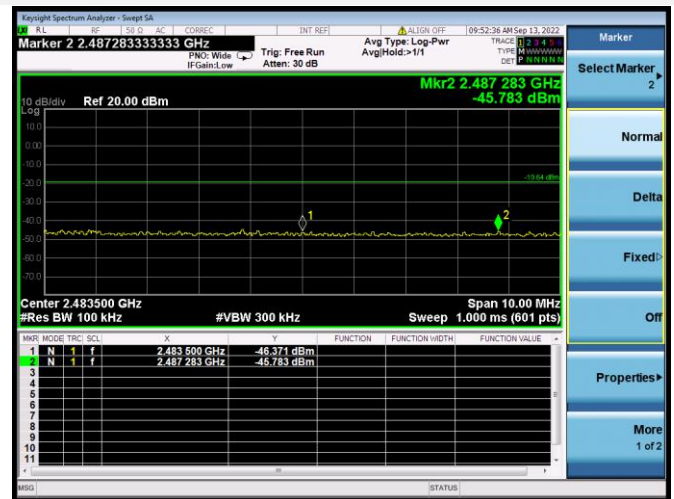
802.11n-20 MHz LOW CHANNEL, BAND EDGE



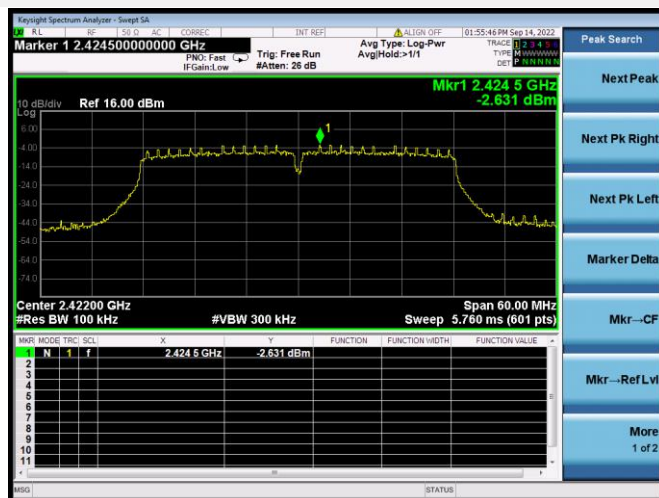
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



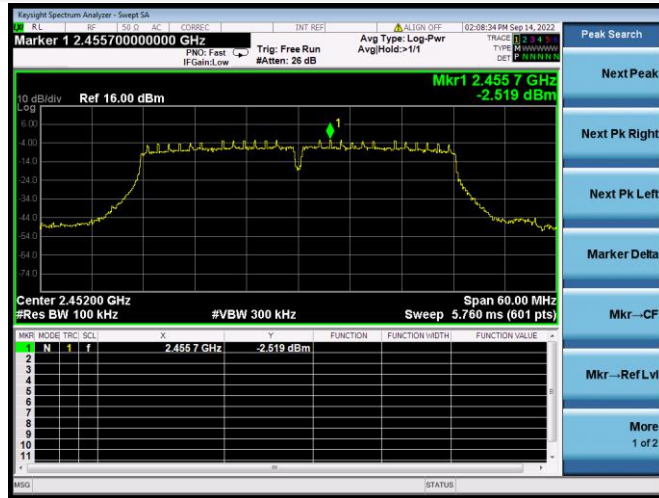
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



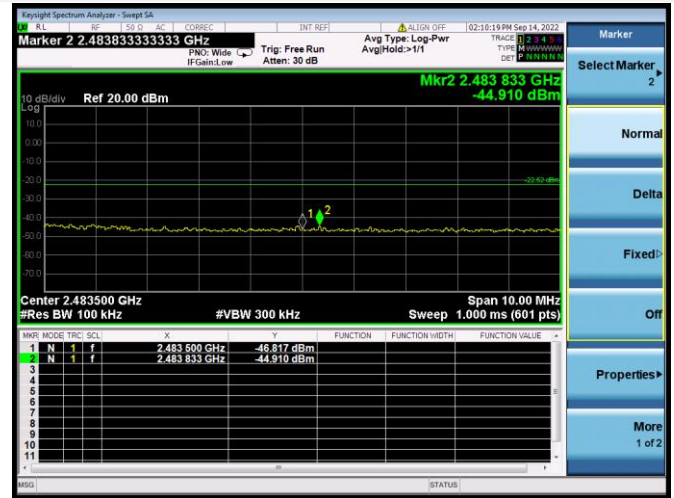
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

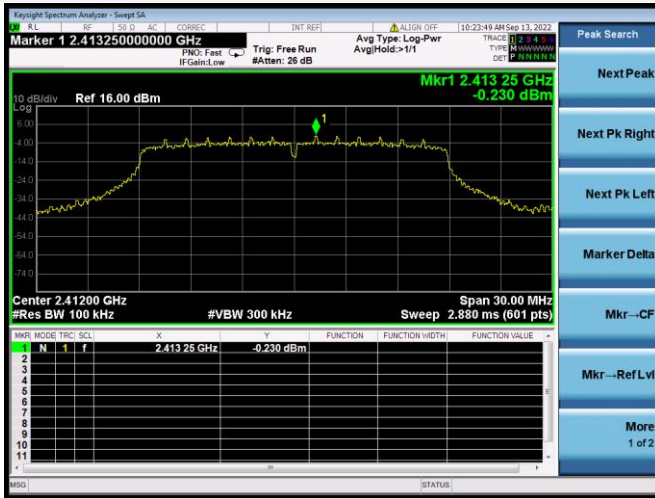


802.11n-40 MHz HIGH CHANNEL, BAND EDGE

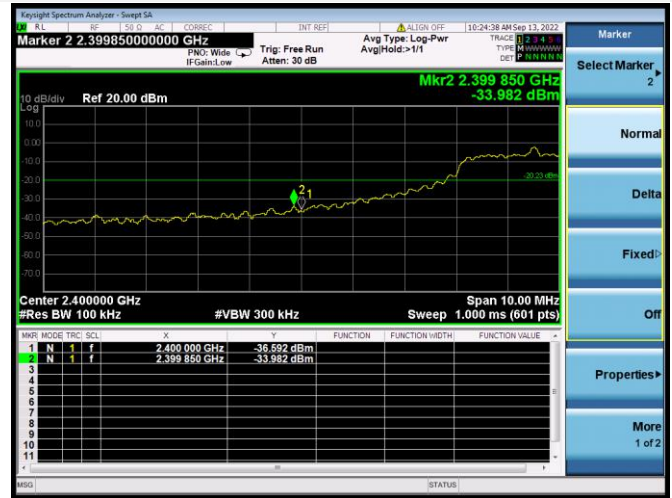


MIMO-Aux. Antenna

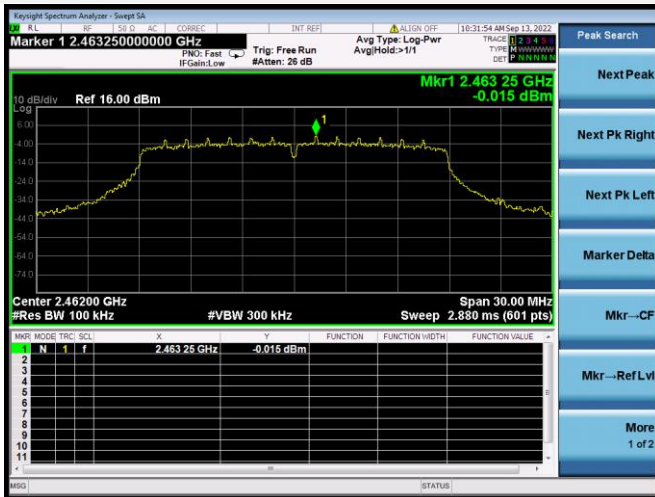
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



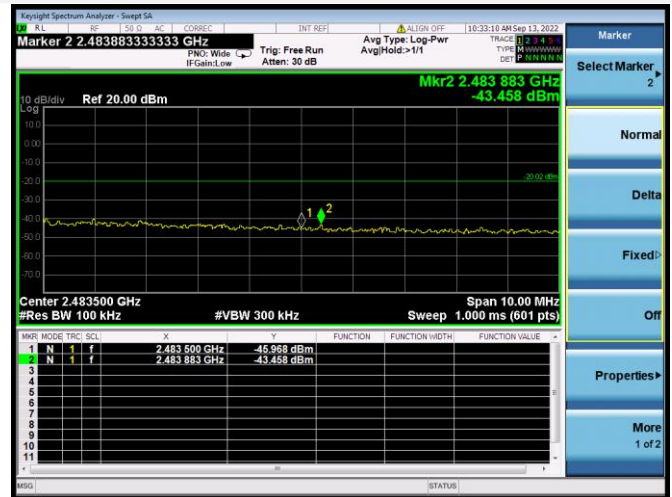
802.11n-20 MHz LOW CHANNEL, BAND EDGE



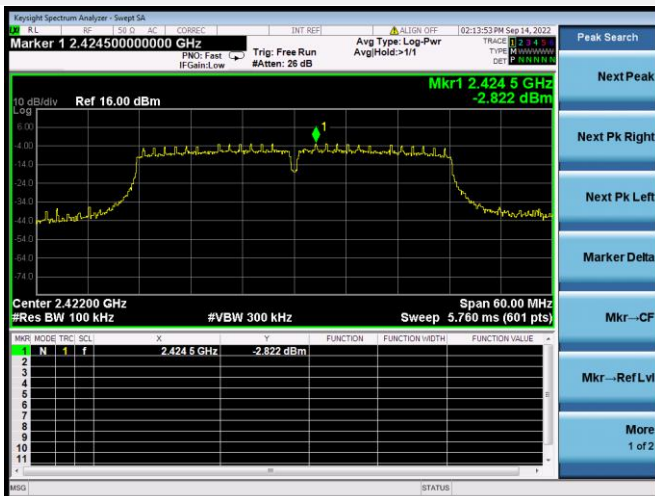
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



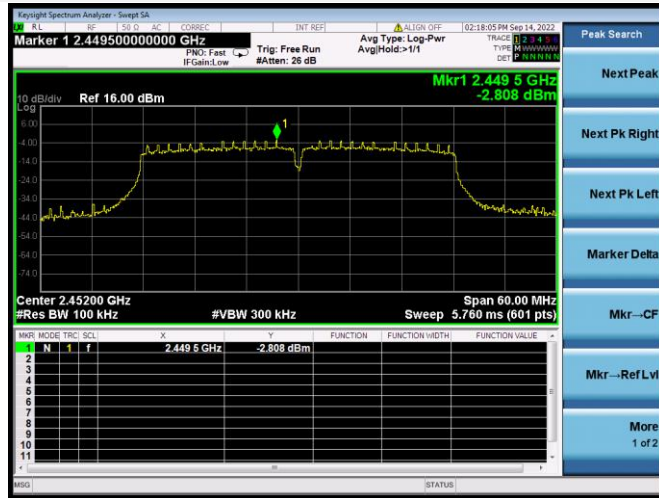
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



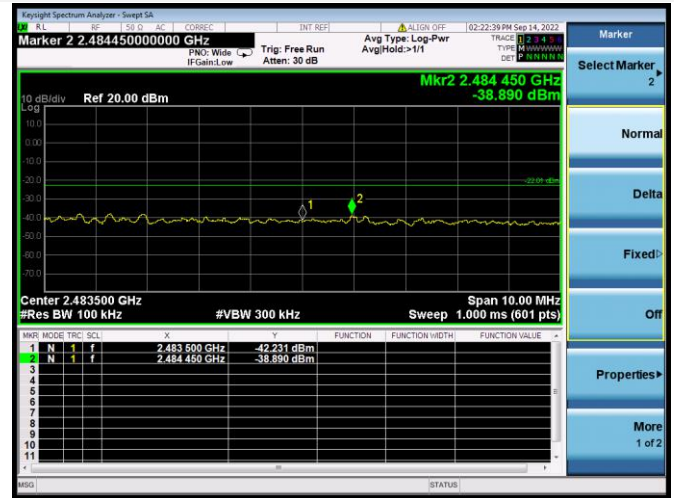
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

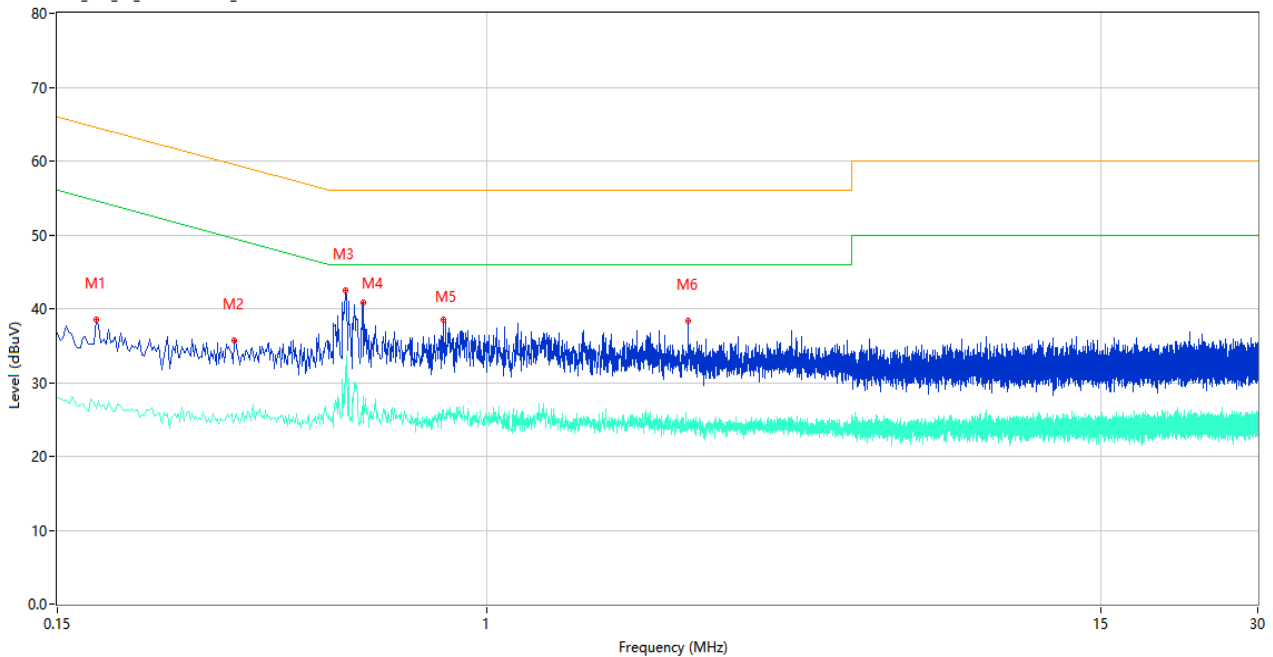
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

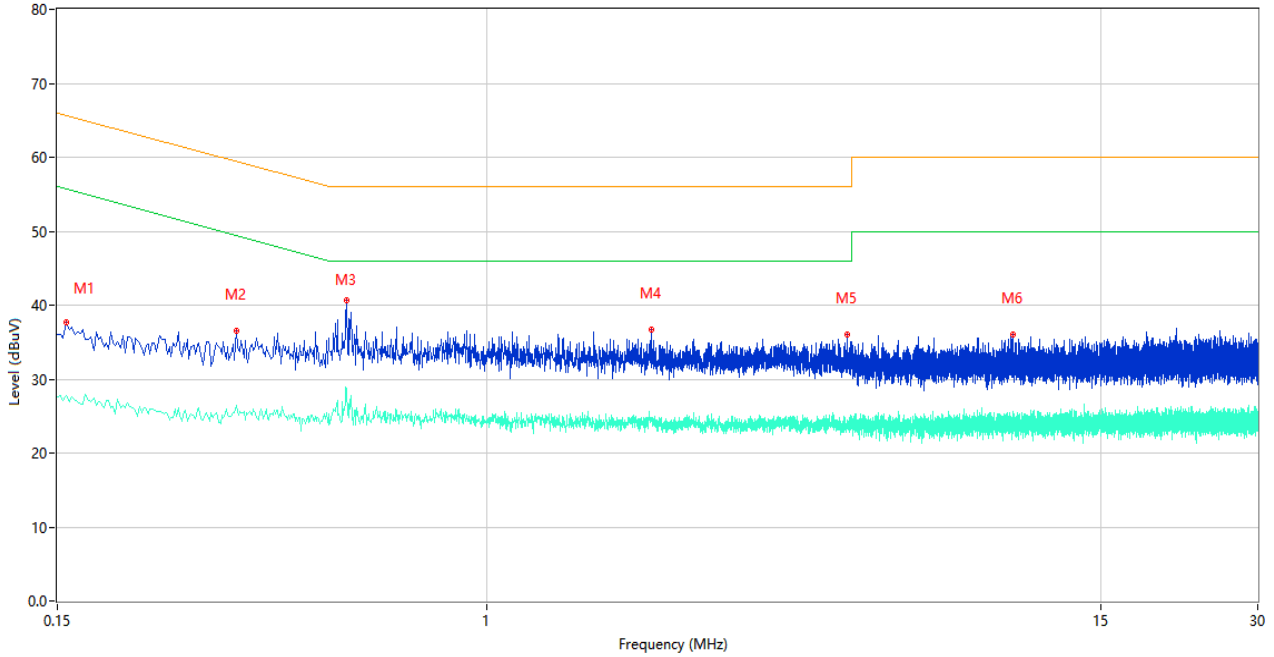
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	38.48	10.07	64.58	-26.10	Peak	L	Pass
1**	0.178	26.42	10.07	54.58	-28.16	AV	L	Pass
2	0.328	35.78	10.54	59.50	-23.72	Peak	L	Pass
2**	0.328	24.84	10.54	49.50	-24.66	AV	L	Pass
3	0.536	42.42	10.20	56.00	-13.58	Peak	L	Pass
3**	0.536	29.99	10.20	46.00	-16.01	AV	L	Pass
4	0.580	40.77	10.29	56.00	-15.23	Peak	L	Pass
4**	0.580	28.04	10.29	46.00	-17.96	AV	L	Pass
5	0.824	38.55	10.71	56.00	-17.45	Peak	L	Pass
5**	0.824	26.23	10.71	46.00	-19.77	AV	L	Pass
6	2.426	38.37	10.32	56.00	-17.63	Peak	L	Pass
6**	2.426	24.96	10.32	46.00	-21.04	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	0.156	37.75	10.09	65.67	-27.92	Peak	N	Pass
1**	0.156	27.74	10.09	55.67	-27.93	AV	N	Pass
2	0.330	36.51	10.58	59.45	-22.94	Peak	N	Pass
2**	0.330	26.51	10.58	49.45	-22.94	AV	N	Pass
3	0.538	40.65	10.20	56.00	-15.35	Peak	N	Pass
3**	0.538	28.83	10.20	46.00	-17.17	AV	N	Pass
4	2.060	36.63	10.44	56.00	-19.37	Peak	N	Pass
4**	2.060	24.33	10.44	46.00	-21.67	AV	N	Pass
5	4.904	36.04	10.23	56.00	-19.96	Peak	N	Pass
5**	4.904	24.15	10.23	46.00	-21.85	AV	N	Pass
6	10.172	36.05	10.31	60.00	-23.95	Peak	N	Pass
6**	10.172	25.69	10.31	50.00	-24.31	AV	N	Pass

A.6 Radiated Emission

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

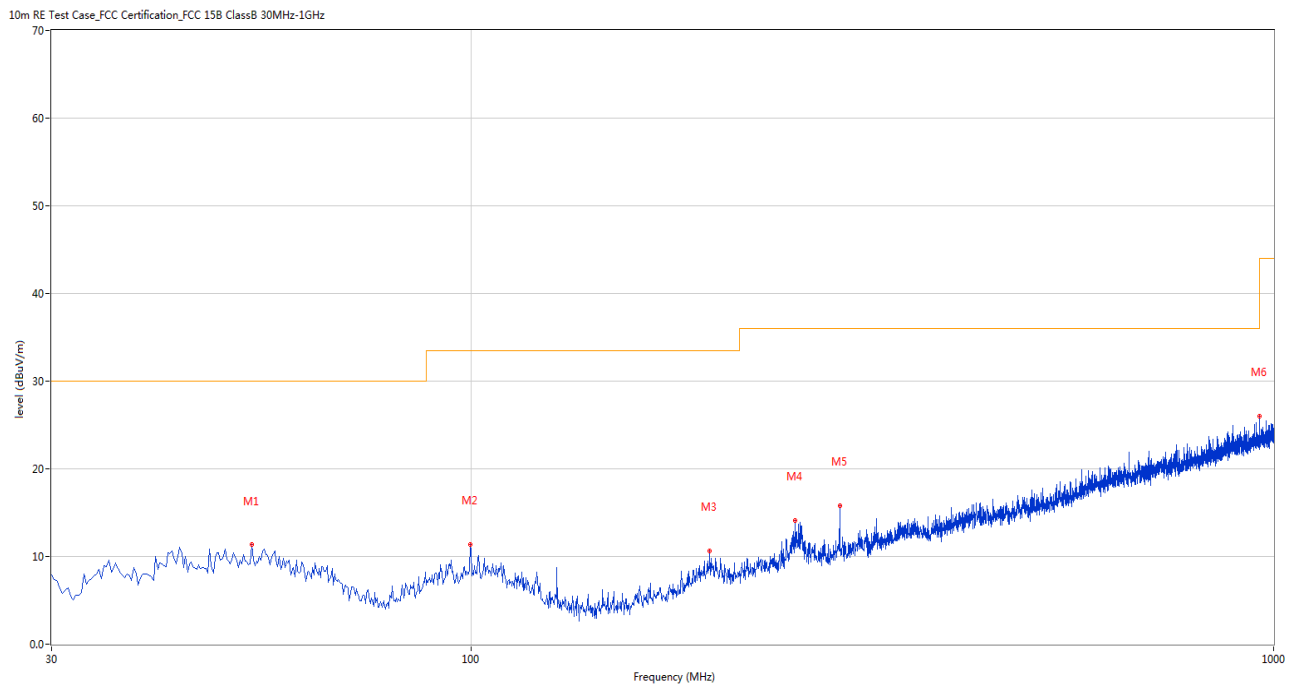
Note ²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

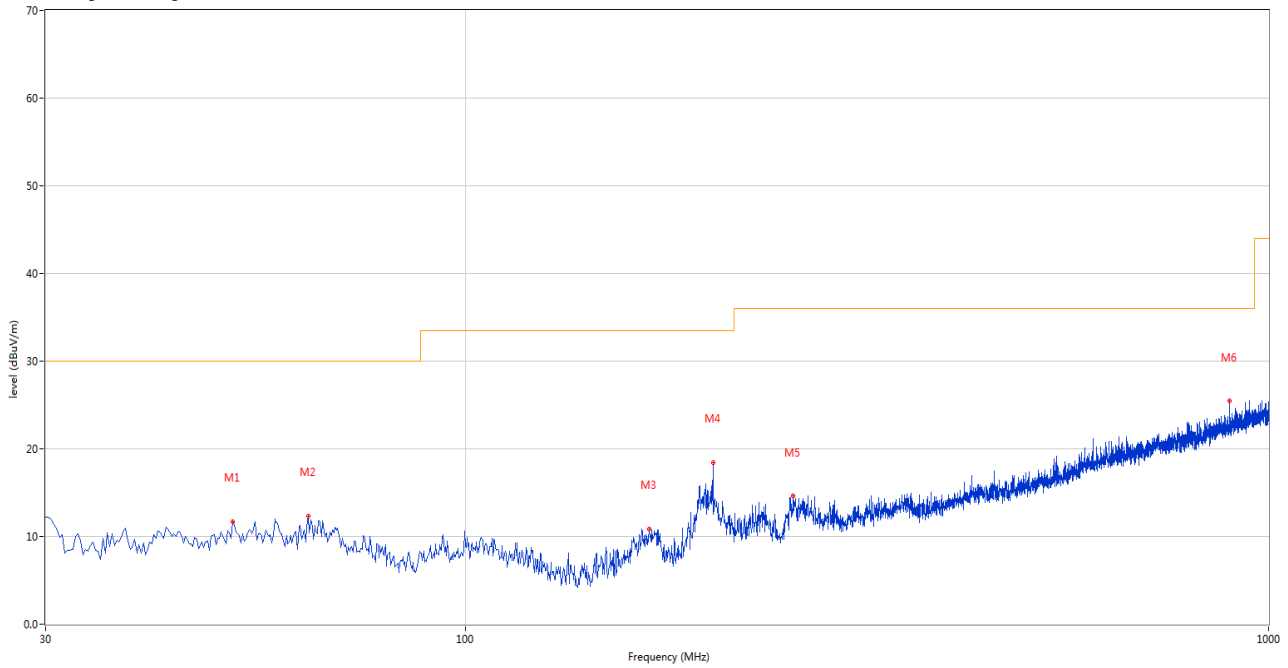
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.274	11.37	-26.43	30.0	-18.63	Peak	307.00	200	Horizontal	Pass
2	99.823	11.39	-27.98	33.5	-22.11	Peak	3.00	100	Horizontal	Pass
3	198.253	10.68	-27.80	33.5	-22.82	Peak	342.00	200	Horizontal	Pass
4	253.287	14.14	-26.25	36.0	-21.86	Peak	302.00	200	Horizontal	Pass
5	287.956	15.79	-25.19	36.0	-20.21	Peak	0.00	200	Horizontal	Pass
6	959.998	26.01	-12.02	36.0	-9.99	Peak	43.00	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	51.335	11.72	-26.06	30.0	-18.28	Peak	0.00	200	Vertical	Pass
2	63.699	12.34	-28.11	30.0	-17.66	Peak	149.00	100	Vertical	Pass
3	169.403	10.89	-30.32	33.5	-22.61	Peak	300.00	100	Vertical	Pass
4	203.344	18.44	-27.77	33.5	-15.06	Peak	235.00	100	Vertical	Pass
5	255.954	14.62	-26.07	36.0	-21.38	Peak	0.00	200	Vertical	Pass
6	894.054	25.42	-12.66	36.0	-10.58	Peak	83.00	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	1332.000	39.69	-17.42	74.0	-34.31	Peak	360.00	400	Horizontal	Pass
1**	1332.000	29.33	-17.42	54.0	-24.67	AV	360.00	400	Horizontal	Pass
2	2410.500	103.26	-12.24	74.0	29.26	Peak	352.00	150	Horizontal	N/A
2**	2410.500	100.22	-12.24	54.0	46.22	AV	352.00	150	Horizontal	N/A
3	4961.200	50.54	-3.22	74.0	-23.46	Peak	360.00	150	Horizontal	Pass
3**	4961.200	40.69	-3.22	54.0	-13.31	AV	360.00	150	Horizontal	Pass
4	6684.200	54.19	-0.30	74.0	-19.81	Peak	41.00	200	Horizontal	Pass
4**	6684.200	45.09	-0.30	54.0	-8.91	AV	41.00	200	Horizontal	Pass
5	12719.526	52.60	1.14	74.0	-21.40	Peak	7.00	200	Horizontal	Pass
5**	12719.526	44.18	1.14	54.0	-9.82	AV	7.00	200	Horizontal	Pass
6	17402.026	53.07	3.23	74.0	-20.93	Peak	231.00	200	Horizontal	Pass
6**	17402.026	43.69	3.23	54.0	-10.31	AV	231.00	200	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	1330.900	42.26	-17.40	74.0	-31.74	Peak	12.00	200	Vertical	Pass
1**	1330.900	34.76	-17.40	54.0	-19.24	AV	12.00	200	Vertical	Pass
2	2410.500	93.82	-12.24	74.0	19.82	Peak	183.00	100	Vertical	N/A
2**	2410.500	90.91	-12.24	54.0	36.91	AV	183.00	100	Vertical	N/A
3	4837.400	51.01	-3.37	74.0	-22.99	Peak	351.00	200	Vertical	Pass
3**	4837.400	41.29	-3.37	54.0	-12.71	AV	351.00	200	Vertical	Pass
4	6603.000	54.08	-0.09	74.0	-19.92	Peak	40.00	100	Vertical	Pass
4**	6603.000	44.33	-0.09	54.0	-9.67	AV	40.00	100	Vertical	Pass
5	12706.875	52.81	0.93	74.0	-21.19	Peak	0.00	100	Vertical	Pass
5**	12706.875	43.03	0.93	54.0	-10.97	AV	0.00	100	Vertical	Pass
6	17452.950	52.89	2.83	74.0	-21.11	Peak	238.00	200	Vertical	Pass
6**	17452.950	43.86	2.83	54.0	-10.14	AV	238.00	200	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	1507.300	39.04	-17.59	74.0	-34.96	Peak	325.00	300	Horizontal	Pass
1**	1507.300	29.30	-17.59	54.0	-24.70	AV	325.00	300	Horizontal	Pass
2	2438.700	103.29	-12.62	74.0	29.29	Peak	2.00	150	Horizontal	N/A
2**	2438.700	100.25	-12.62	54.0	46.25	AV	2.00	150	Horizontal	N/A
3	4895.800	50.85	-2.98	74.0	-23.15	Peak	311.00	200	Horizontal	Pass
3**	4895.800	42.24	-2.98	54.0	-11.76	AV	311.00	200	Horizontal	Pass
4	9748.213	52.60	-0.46	74.0	-21.40	Peak	360.00	150	Horizontal	Pass
4**	9748.213	48.78	-0.46	54.0	-5.22	AV	360.00	150	Horizontal	Pass
5	12265.275	53.38	1.30	74.0	-20.62	Peak	351.00	400	Horizontal	Pass
5**	12265.275	43.50	1.30	54.0	-10.50	AV	351.00	400	Horizontal	Pass
6	17410.687	53.60	3.47	74.0	-20.40	Peak	214.00	300	Horizontal	Pass
6**	17410.687	46.28	3.47	54.0	-7.72	AV	214.00	300	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	1327.600	41.50	-17.50	74.0	-32.50	Peak	0.00	100	Vertical	Pass
1**	1327.600	29.29	-17.50	54.0	-24.71	AV	0.00	100	Vertical	Pass
2	2438.300	97.91	-12.60	74.0	23.91	Peak	360.00	150	Vertical	N/A
2**	2438.300	94.93	-12.60	54.0	40.93	AV	360.00	150	Vertical	N/A
3	4814.200	51.22	-3.07	74.0	-22.78	Peak	105.00	150	Vertical	Pass
3**	4814.200	42.40	-3.07	54.0	-11.60	AV	105.00	150	Vertical	Pass
4	6675.600	54.33	-0.63	74.0	-19.67	Peak	280.00	100	Vertical	Pass
4**	6675.600	44.75	-0.63	54.0	-9.25	AV	280.00	100	Vertical	Pass
5	12255.500	52.97	0.99	74.0	-21.03	Peak	192.00	200	Vertical	Pass
5**	12255.500	43.40	0.99	54.0	-10.60	AV	192.00	200	Vertical	Pass
6	17202.000	53.48	1.79	74.0	-20.52	Peak	180.00	200	Vertical	Pass
6**	17202.000	44.99	1.79	54.0	-9.01	AV	180.00	200	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	1563.900	39.39	-17.55	74.0	-34.61	Peak	147.00	100	Horizontal	Pass
1**	1563.900	29.44	-17.55	54.0	-24.56	AV	147.00	100	Horizontal	Pass
2	2463.500	103.39	-12.79	74.0	29.39	Peak	0.00	150	Horizontal	N/A
2**	2463.500	100.24	-12.79	54.0	46.24	AV	0.00	150	Horizontal	N/A
3	4902.200	51.39	-2.71	74.0	-22.61	Peak	89.00	150	Horizontal	Pass
3**	4902.200	41.72	-2.71	54.0	-12.28	AV	89.00	150	Horizontal	Pass
4	9848.263	50.34	-0.68	74.0	-23.66	Peak	359.00	150	Horizontal	Pass
4**	9848.263	46.07	-0.68	54.0	-7.93	AV	359.00	150	Horizontal	Pass
5	12620.338	52.73	1.78	74.0	-21.27	Peak	111.00	200	Horizontal	Pass
5**	12620.338	43.60	1.78	54.0	-10.40	AV	111.00	200	Horizontal	Pass
6	17311.726	53.07	1.39	74.0	-20.93	Peak	271.00	400	Horizontal	Pass
6**	17311.726	44.31	1.39	54.0	-9.69	AV	271.00	400	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	1327.600	41.16	-17.50	74.0	-32.84	Peak	0.00	300	Vertical	Pass
1**	1327.600	32.52	-17.50	54.0	-21.48	AV	0.00	300	Vertical	Pass
2	2460.400	98.69	-12.75	74.0	24.69	Peak	0.00	200	Vertical	N/A
2**	2460.400	95.34	-12.75	54.0	41.34	AV	0.00	200	Vertical	N/A
3	4622.600	51.09	-3.95	74.0	-22.91	Peak	343.00	150	Vertical	Pass
3**	4622.600	41.16	-3.95	54.0	-12.84	AV	343.00	150	Vertical	Pass
4	6683.000	53.76	-0.41	74.0	-20.24	Peak	334.00	100	Vertical	Pass
4**	6683.000	45.76	-0.41	54.0	-8.24	AV	334.00	100	Vertical	Pass
5	12561.688	53.34	1.69	74.0	-20.66	Peak	12.00	400	Vertical	Pass
5**	12561.688	43.41	1.69	54.0	-10.59	AV	12.00	400	Vertical	Pass
6	17412.000	52.98	3.52	74.0	-21.02	Peak	179.00	300	Vertical	Pass
6**	17412.000	44.82	3.52	54.0	-9.18	AV	179.00	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	1535.700	38.70	-17.47	74.0	-35.30	Peak	48.00	100	Horizontal	Pass
1**	1535.700	29.76	-17.47	54.0	-24.24	AV	48.00	100	Horizontal	Pass
2	2410.100	103.03	-12.24	74.0	29.03	Peak	360.00	100	Horizontal	N/A
2**	2410.100	95.96	-12.24	54.0	41.96	AV	360.00	100	Horizontal	N/A
3	4925.800	50.82	-2.74	74.0	-23.18	Peak	22.00	200	Horizontal	Pass
3**	4925.800	41.09	-2.74	54.0	-12.91	AV	22.00	200	Horizontal	Pass
4	6999.200	54.23	0.24	74.0	-19.77	Peak	343.00	300	Horizontal	Pass
4**	6999.200	45.88	0.24	54.0	-8.12	AV	343.00	300	Horizontal	Pass
5	12218.412	52.87	1.21	74.0	-21.13	Peak	237.00	100	Horizontal	Pass
5**	12218.412	43.59	1.21	54.0	-10.41	AV	237.00	100	Horizontal	Pass
6	17179.949	52.71	2.68	74.0	-21.29	Peak	0.00	200	Horizontal	Pass
6**	17179.949	45.92	2.68	54.0	-8.08	AV	0.00	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	1328.300	42.64	-17.48	74.0	-31.36	Peak	117.00	200	Vertical	Pass
1**	1328.300	36.44	-17.48	54.0	-17.56	AV	117.00	200	Vertical	Pass
2	2413.400	94.65	-12.26	74.0	20.65	Peak	359.00	200	Vertical	N/A
2**	2413.400	86.53	-12.26	54.0	32.53	AV	359.00	200	Vertical	N/A
3	2659.600	52.04	-11.12	74.0	-21.96	Peak	238.00	150	Vertical	Pass
3**	2659.600	37.14	-11.12	54.0	-16.86	AV	238.00	150	Vertical	Pass
4	6614.600	54.18	0.18	74.0	-19.82	Peak	186.00	300	Vertical	Pass
4**	6614.600	44.55	0.18	54.0	-9.45	AV	186.00	300	Vertical	Pass
5	12726.713	53.17	1.27	74.0	-20.83	Peak	12.00	300	Vertical	Pass
5**	12726.713	44.23	1.27	54.0	-9.77	AV	12.00	300	Vertical	Pass
6	17198.850	53.57	1.96	74.0	-20.43	Peak	68.00	200	Vertical	Pass
6**	17198.850	46.03	1.96	54.0	-7.97	AV	68.00	200	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	1333.500	40.04	-17.45	74.0	-33.96	Peak	32.00	200	Horizontal	Pass
1**	1333.500	29.08	-17.45	54.0	-24.92	AV	32.00	200	Horizontal	Pass
2	2438.600	102.18	-12.61	74.0	28.18	Peak	0.00	100	Horizontal	N/A
2**	2438.600	94.97	-12.61	54.0	40.97	AV	0.00	100	Horizontal	N/A
3	4907.800	50.66	-2.50	74.0	-23.34	Peak	328.00	150	Horizontal	Pass
3**	4907.800	41.99	-2.50	54.0	-12.01	AV	328.00	150	Horizontal	Pass
4	6981.400	54.58	0.74	74.0	-19.42	Peak	110.00	400	Horizontal	Pass
4**	6981.400	44.00	0.74	54.0	-10.00	AV	110.00	400	Horizontal	Pass
5	12506.776	52.67	1.65	74.0	-21.33	Peak	221.00	400	Horizontal	Pass
5**	12506.776	42.56	1.65	54.0	-11.44	AV	221.00	400	Horizontal	Pass
6	17202.526	53.46	1.77	74.0	-20.54	Peak	360.00	400	Horizontal	Pass
6**	17202.526	46.35	1.77	54.0	-7.65	AV	360.00	400	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	1329.600	40.72	-17.43	74.0	-33.28	Peak	131.00	300	Vertical	Pass
1**	1329.600	31.04	-17.43	54.0	-22.96	AV	131.00	300	Vertical	Pass
2	2435.600	96.21	-12.81	74.0	22.21	Peak	357.00	100	Vertical	N/A
2**	2435.600	88.86	-12.81	54.0	34.86	AV	357.00	100	Vertical	N/A
3	4992.600	50.84	-2.94	74.0	-23.16	Peak	0.00	100	Vertical	Pass
3**	4992.600	40.78	-2.94	54.0	-13.22	AV	0.00	100	Vertical	Pass
4	6612.400	54.65	0.19	74.0	-19.35	Peak	189.00	400	Vertical	Pass
4**	6612.400	45.93	0.19	54.0	-8.07	AV	189.00	400	Vertical	Pass
5	12213.238	52.97	1.13	74.0	-21.03	Peak	126.00	200	Vertical	Pass
5**	12213.238	43.29	1.13	54.0	-10.71	AV	126.00	200	Vertical	Pass
6	17189.925	52.96	2.34	74.0	-21.04	Peak	290.00	300	Vertical	Pass
6**	17189.925	45.59	2.34	54.0	-8.41	AV	290.00	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	1306.200	38.65	-17.37	74.0	-35.35	Peak	21.00	200	Horizontal	Pass
1**	1306.200	29.61	-17.37	54.0	-24.39	AV	21.00	200	Horizontal	Pass
2	2463.300	102.09	-12.79	74.0	28.09	Peak	0.00	100	Horizontal	N/A
2**	2463.300	94.86	-12.79	54.0	40.86	AV	0.00	100	Horizontal	N/A
3	4550.400	49.69	-3.91	74.0	-24.31	Peak	100.00	150	Horizontal	Pass
3**	4550.400	40.57	-3.91	54.0	-13.43	AV	100.00	150	Horizontal	Pass
4	6279.400	53.82	-0.20	74.0	-20.18	Peak	240.00	100	Horizontal	Pass
4**	6279.400	43.97	-0.20	54.0	-10.03	AV	240.00	100	Horizontal	Pass
5	11598.276	52.64	-0.10	74.0	-21.36	Peak	139.00	300	Horizontal	Pass
5**	11598.276	42.55	-0.10	54.0	-11.45	AV	139.00	300	Horizontal	Pass
6	17184.412	53.40	2.55	74.0	-20.60	Peak	0.00	100	Horizontal	Pass
6**	17184.412	44.22	2.55	54.0	-9.78	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	43.28	-17.41	74.0	-30.72	Peak	360.00	400	Vertical	Pass
1**	1331.500	35.51	-17.41	54.0	-18.49	AV	360.00	400	Vertical	Pass
2	2464.700	97.45	-12.75	74.0	23.45	Peak	360.00	150	Vertical	N/A
2**	2464.700	89.81	-12.75	54.0	35.81	AV	360.00	150	Vertical	N/A
3	4919.800	51.00	-2.45	74.0	-23.00	Peak	259.00	200	Vertical	Pass
3**	4919.800	41.32	-2.45	54.0	-12.68	AV	259.00	200	Vertical	Pass
4	6687.800	53.82	-0.24	74.0	-20.18	Peak	133.00	300	Vertical	Pass
4**	6687.800	45.86	-0.24	54.0	-8.14	AV	133.00	300	Vertical	Pass
5	12726.713	52.66	1.27	74.0	-21.34	Peak	358.00	400	Vertical	Pass
5**	12726.713	43.25	1.27	54.0	-10.75	AV	358.00	400	Vertical	Pass
6	17201.213	53.53	1.83	74.0	-20.47	Peak	10.00	100	Vertical	Pass
6**	17201.213	45.34	1.83	54.0	-8.66	AV	10.00	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	1531.400	39.68	-17.59	74.0	-34.32	Peak	217.00	100	Horizontal	Pass
1**	1531.400	29.23	-17.59	54.0	-24.77	AV	217.00	100	Horizontal	Pass
2	2408.300	104.21	-12.28	74.0	30.21	Peak	358.00	200	Horizontal	N/A
2**	2408.300	96.93	-12.28	54.0	42.93	AV	358.00	200	Horizontal	N/A
3	4791.400	50.70	-2.72	74.0	-23.30	Peak	226.00	150	Horizontal	Pass
3**	4791.400	41.10	-2.72	54.0	-12.90	AV	226.00	150	Horizontal	Pass
4	6689.200	54.50	-0.26	74.0	-19.50	Peak	342.00	200	Horizontal	Pass
4**	6689.200	45.05	-0.26	54.0	-8.95	AV	342.00	200	Horizontal	Pass
5	12218.125	52.64	1.21	74.0	-21.36	Peak	160.00	200	Horizontal	Pass
5**	12218.125	44.01	1.21	54.0	-9.99	AV	160.00	200	Horizontal	Pass
6	17238.749	53.03	1.56	74.0	-20.97	Peak	43.00	100	Horizontal	Pass
6**	17238.749	46.26	1.56	54.0	-7.74	AV	43.00	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	1331.700	43.66	-17.42	74.0	-30.34	Peak	360.00	100	Vertical	Pass
1**	1331.700	32.72	-17.42	54.0	-21.28	AV	360.00	100	Vertical	Pass
2	2413.500	95.84	-12.26	74.0	21.84	Peak	359.00	200	Vertical	N/A
2**	2413.500	88.23	-12.26	54.0	34.23	AV	359.00	200	Vertical	N/A
3	2656.000	51.15	-11.25	74.0	-22.85	Peak	235.00	150	Vertical	Pass
3**	2656.000	36.22	-11.25	54.0	-17.78	AV	235.00	150	Vertical	Pass
4	6689.800	53.30	-0.27	74.0	-20.70	Peak	310.00	100	Vertical	Pass
4**	6689.800	45.28	-0.27	54.0	-8.72	AV	310.00	100	Vertical	Pass
5	12327.663	53.15	1.42	74.0	-20.85	Peak	349.00	100	Vertical	Pass
5**	12327.663	43.33	1.42	54.0	-10.67	AV	349.00	100	Vertical	Pass
6	17191.500	54.06	2.29	74.0	-19.94	Peak	236.00	200	Vertical	Pass
6**	17191.500	45.65	2.29	54.0	-8.35	AV	236.00	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	1000.500	40.45	-18.21	74.0	-33.55	Peak	131.00	200	Horizontal	Pass
1**	1000.500	28.02	-18.21	54.0	-25.98	AV	131.00	200	Horizontal	Pass
2	2438.200	102.53	-12.60	74.0	28.53	Peak	0.00	200	Horizontal	N/A
2**	2438.200	94.95	-12.60	54.0	40.95	AV	0.00	200	Horizontal	N/A
3	4906.000	50.73	-2.57	74.0	-23.27	Peak	332.00	150	Horizontal	Pass
3**	4906.000	41.36	-2.57	54.0	-12.64	AV	332.00	150	Horizontal	Pass
4	6677.400	54.68	-0.58	74.0	-19.32	Peak	100.00	200	Horizontal	Pass
4**	6677.400	44.92	-0.58	54.0	-9.08	AV	100.00	200	Horizontal	Pass
5	12605.674	53.74	1.91	74.0	-20.26	Peak	91.00	400	Horizontal	Pass
5**	12605.674	43.63	1.91	54.0	-10.37	AV	91.00	400	Horizontal	Pass
6	17181.262	53.27	2.64	74.0	-20.73	Peak	124.00	300	Horizontal	Pass
6**	17181.262	44.55	2.64	54.0	-9.45	AV	124.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	42.87	-17.43	74.0	-31.13	Peak	16.00	400	Vertical	Pass
1**	1329.700	35.98	-17.43	54.0	-18.02	AV	16.00	400	Vertical	Pass
2	2439.500	97.21	-12.64	74.0	23.21	Peak	359.00	100	Vertical	N/A
2**	2439.500	89.61	-12.64	54.0	35.61	AV	359.00	100	Vertical	N/A
3	4821.600	51.31	-3.44	74.0	-22.69	Peak	56.00	100	Vertical	Pass
3**	4821.600	41.29	-3.44	54.0	-12.71	AV	56.00	100	Vertical	Pass
4	6604.800	53.85	0.03	74.0	-20.15	Peak	279.00	100	Vertical	Pass
4**	6604.800	44.66	0.03	54.0	-9.34	AV	279.00	100	Vertical	Pass
5	12727.862	53.18	1.28	74.0	-20.82	Peak	28.00	400	Vertical	Pass
5**	12727.862	44.95	1.28	54.0	-9.05	AV	28.00	400	Vertical	Pass
6	17227.989	53.45	1.44	74.0	-20.55	Peak	214.00	200	Vertical	Pass
6**	17227.989	45.39	1.44	54.0	-8.61	AV	214.00	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	1415.300	39.63	-17.56	74.0	-34.37	Peak	233.00	200	Horizontal	Pass
1**	1415.300	29.61	-17.56	54.0	-24.39	AV	233.00	200	Horizontal	Pass
2	2458.900	103.14	-12.75	74.0	29.14	Peak	0.00	100	Horizontal	N/A
2**	2458.900	95.26	-12.75	54.0	41.26	AV	0.00	100	Horizontal	N/A
3	5073.000	51.79	-2.92	74.0	-22.21	Peak	242.00	150	Horizontal	Pass
3**	5073.000	40.98	-2.92	54.0	-13.02	AV	242.00	150	Horizontal	Pass
4	6690.800	53.54	-0.29	74.0	-20.46	Peak	155.00	200	Horizontal	Pass
4**	6690.800	44.11	-0.29	54.0	-9.89	AV	155.00	200	Horizontal	Pass
5	12322.201	52.70	1.42	74.0	-21.30	Peak	15.00	200	Horizontal	Pass
5**	12322.201	43.19	1.42	54.0	-10.81	AV	15.00	200	Horizontal	Pass
6	17196.489	53.66	2.10	74.0	-20.34	Peak	291.00	400	Horizontal	Pass
6**	17196.489	44.85	2.10	54.0	-9.15	AV	291.00	400	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	1330.500	42.99	-17.40	74.0	-31.01	Peak	99.00	300	Vertical	Pass
1**	1330.500	30.83	-17.40	54.0	-23.17	AV	99.00	300	Vertical	Pass
2	2463.500	97.58	-12.79	74.0	23.58	Peak	0.00	150	Vertical	N/A
2**	2463.500	90.28	-12.79	54.0	36.28	AV	0.00	150	Vertical	N/A
3	2665.800	50.96	-11.23	74.0	-23.04	Peak	221.00	150	Vertical	Pass
3**	2665.800	36.41	-11.23	54.0	-17.59	AV	221.00	150	Vertical	Pass
4	6681.000	54.40	-0.52	74.0	-19.60	Peak	80.00	200	Vertical	Pass
4**	6681.000	44.64	-0.52	54.0	-9.36	AV	80.00	200	Vertical	Pass
5	11949.025	53.16	1.43	74.0	-20.84	Peak	111.00	300	Vertical	Pass
5**	11949.025	42.52	1.43	54.0	-11.48	AV	111.00	300	Vertical	Pass
6	17195.176	52.92	2.18	74.0	-21.08	Peak	343.00	300	Vertical	Pass
6**	17195.176	45.89	2.18	54.0	-8.11	AV	343.00	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	1332.300	40.58	-17.42	74.0	-33.42	Peak	34.00	100	Horizontal	Pass
1**	1332.300	29.97	-17.42	54.0	-24.03	AV	34.00	100	Horizontal	Pass
2	2418.000	101.62	-12.25	74.0	27.62	Peak	353.00	200	Horizontal	N/A
2**	2418.000	93.68	-12.25	54.0	39.68	AV	353.00	200	Horizontal	N/A
3	4830.000	51.12	-3.50	74.0	-22.88	Peak	128.00	150	Horizontal	Pass
3**	4830.000	41.72	-3.50	54.0	-12.28	AV	128.00	150	Horizontal	Pass
4	6689.400	55.55	-0.26	74.0	-18.45	Peak	243.00	300	Horizontal	Pass
4**	6689.400	45.40	-0.26	54.0	-8.60	AV	243.00	300	Horizontal	Pass
5	10199.875	52.28	0.49	74.0	-21.72	Peak	348.00	150	Horizontal	Pass
5**	10199.875	43.23	0.49	54.0	-10.77	AV	348.00	150	Horizontal	Pass
6	17414.363	53.28	3.61	74.0	-20.72	Peak	14.00	400	Horizontal	Pass
6**	17414.363	44.12	3.61	54.0	-9.88	AV	14.00	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	1330.400	42.20	-17.40	74.0	-31.80	Peak	10.00	400	Vertical	Pass
1**	1330.400	33.47	-17.40	54.0	-20.53	AV	10.00	400	Vertical	Pass
2	2432.400	94.80	-12.84	74.0	20.80	Peak	360.00	200	Vertical	N/A
2**	2432.400	87.39	-12.84	54.0	33.39	AV	360.00	200	Vertical	N/A
3	2661.500	52.27	-11.09	74.0	-21.73	Peak	227.00	200	Vertical	Pass
3**	2661.500	42.98	-11.09	54.0	-11.02	AV	227.00	200	Vertical	Pass
4	6679.600	54.41	-0.54	74.0	-19.59	Peak	316.00	300	Vertical	Pass
4**	6679.600	45.75	-0.54	54.0	-8.25	AV	316.00	300	Vertical	Pass
5	12275.625	53.56	1.64	74.0	-20.44	Peak	169.00	400	Vertical	Pass
5**	12275.625	44.07	1.64	54.0	-9.93	AV	169.00	400	Vertical	Pass
6	17214.337	53.40	1.41	74.0	-20.60	Peak	236.00	200	Vertical	Pass
6**	17214.337	44.90	1.41	54.0	-9.10	AV	236.00	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	1441.200	39.18	-17.46	74.0	-34.82	Peak	123.00	400	Horizontal	Pass
1**	1441.200	29.72	-17.46	54.0	-24.28	AV	123.00	400	Horizontal	Pass
2	2439.500	100.00	-12.64	74.0	26.00	Peak	0.00	200	Horizontal	N/A
2**	2439.500	92.66	-12.64	54.0	38.66	AV	0.00	200	Horizontal	N/A
3	5034.200	52.63	-2.99	74.0	-21.37	Peak	28.00	150	Horizontal	Pass
3**	5034.200	41.62	-2.99	54.0	-12.38	AV	28.00	150	Horizontal	Pass
4	6761.600	54.41	-1.18	74.0	-19.59	Peak	334.00	200	Horizontal	Pass
4**	6761.600	44.62	-1.18	54.0	-9.38	AV	334.00	200	Horizontal	Pass
5	12317.312	53.44	1.41	74.0	-20.56	Peak	268.00	100	Horizontal	Pass
5**	12317.312	42.95	1.41	54.0	-11.05	AV	268.00	100	Horizontal	Pass
6	17196.225	52.86	2.12	74.0	-21.14	Peak	162.00	300	Horizontal	Pass
6**	17196.225	45.62	2.12	54.0	-8.38	AV	162.00	300	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	1330.100	43.46	-17.41	74.0	-30.54	Peak	171.00	300	Vertical	Pass
1**	1330.100	33.37	-17.41	54.0	-20.63	AV	171.00	300	Vertical	Pass
2	2434.500	94.09	-12.85	74.0	20.09	Peak	352.00	200	Vertical	N/A
2**	2434.500	86.17	-12.85	54.0	32.17	AV	352.00	200	Vertical	N/A
3	4958.600	51.17	-3.29	74.0	-22.83	Peak	57.00	200	Vertical	Pass
3**	4958.600	41.14	-3.29	54.0	-12.86	AV	57.00	200	Vertical	Pass
4	6391.400	54.05	-1.75	74.0	-19.95	Peak	328.00	400	Vertical	Pass
4**	6391.400	43.82	-1.75	54.0	-10.18	AV	328.00	400	Vertical	Pass
5	12331.975	53.41	1.39	74.0	-20.59	Peak	360.00	300	Vertical	Pass
5**	12331.975	43.57	1.39	54.0	-10.43	AV	360.00	300	Vertical	Pass
6	17192.026	53.71	2.27	74.0	-20.29	Peak	326.00	300	Vertical	Pass
6**	17192.026	44.47	2.27	54.0	-9.53	AV	326.00	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	1727.800	42.92	-17.15	74.0	-31.08	Peak	330.00	150	Horizontal	Pass
1**	1727.800	39.72	-17.15	54.0	-14.28	AV	330.00	150	Horizontal	Pass
2	2457.000	100.18	-12.74	74.0	26.18	Peak	0.00	100	Horizontal	N/A
2**	2457.000	91.98	-12.74	54.0	37.98	AV	0.00	100	Horizontal	N/A
3	4807.400	51.17	-2.99	74.0	-22.83	Peak	160.00	150	Horizontal	Pass
3**	4807.400	42.15	-2.99	54.0	-11.85	AV	160.00	150	Horizontal	Pass
4	6792.400	54.16	-0.77	74.0	-19.84	Peak	128.00	400	Horizontal	Pass
4**	6792.400	43.28	-0.77	54.0	-10.72	AV	128.00	400	Horizontal	Pass
5	12602.512	53.21	1.91	74.0	-20.79	Peak	236.00	400	Horizontal	Pass
5**	12602.512	43.69	1.91	54.0	-10.31	AV	236.00	400	Horizontal	Pass
6	17176.275	53.00	2.54	74.0	-21.00	Peak	33.00	300	Horizontal	Pass
6**	17176.275	43.06	2.54	54.0	-10.94	AV	33.00	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	1329.600	42.82	-17.43	74.0	-31.18	Peak	109.00	200	Vertical	Pass
1**	1329.600	35.59	-17.43	54.0	-18.41	AV	109.00	200	Vertical	Pass
2	2462.300	93.89	-12.78	74.0	19.89	Peak	358.00	150	Vertical	N/A
2**	2462.300	86.90	-12.78	54.0	32.90	AV	358.00	150	Vertical	N/A
3	4813.600	51.02	-3.07	74.0	-22.98	Peak	325.00	150	Vertical	Pass
3**	4813.600	41.57	-3.07	54.0	-12.43	AV	325.00	150	Vertical	Pass
4	6691.000	54.46	-0.29	74.0	-19.54	Peak	202.00	400	Vertical	Pass
4**	6691.000	44.67	-0.29	54.0	-9.33	AV	202.00	400	Vertical	Pass
5	12735.912	52.95	1.30	74.0	-21.05	Peak	270.00	200	Vertical	Pass
5**	12735.912	43.67	1.30	54.0	-10.33	AV	270.00	200	Vertical	Pass
6	17190.713	52.92	2.31	74.0	-21.08	Peak	143.00	200	Vertical	Pass
6**	17190.713	44.90	2.31	54.0	-9.10	AV	143.00	200	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	1000.100	39.85	-18.22	74.0	-34.15	Peak	122.00	100	Horizontal	Pass
1**	1000.100	28.85	-18.22	54.0	-25.15	AV	122.00	100	Horizontal	Pass
2	2410.500	104.19	-12.24	74.0	30.19	Peak	41.00	200	Horizontal	N/A
2**	2410.500	101.11	-12.24	54.0	47.11	AV	41.00	200	Horizontal	N/A
3	4996.800	51.14	-2.91	74.0	-22.86	Peak	273.00	100	Horizontal	Pass
3**	4996.800	41.92	-2.91	54.0	-12.08	AV	273.00	100	Horizontal	Pass
4	6686.000	55.57	-0.20	74.0	-18.43	Peak	10.00	100	Horizontal	Pass
4**	6686.000	45.62	-0.20	54.0	-8.38	AV	10.00	100	Horizontal	Pass
5	12224.451	52.47	1.30	74.0	-21.53	Peak	270.00	200	Horizontal	Pass
5**	12224.451	43.28	1.30	54.0	-10.72	AV	270.00	200	Horizontal	Pass
6	17419.874	53.19	3.75	74.0	-20.81	Peak	165.00	300	Horizontal	Pass
6**	17419.874	45.88	3.75	54.0	-8.12	AV	165.00	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	1329.100	42.52	-17.45	74.0	-31.48	Peak	193.00	200	Vertical	Pass
1**	1329.100	30.70	-17.45	54.0	-23.30	AV	193.00	200	Vertical	Pass
2	2410.600	101.91	-12.25	74.0	27.91	Peak	101.00	200	Vertical	N/A
2**	2410.600	99.06	-12.25	54.0	45.06	AV	101.00	200	Vertical	N/A
3	2664.700	51.57	-11.14	74.0	-22.43	Peak	235.00	200	Vertical	Pass
3**	2664.700	41.74	-11.14	54.0	-12.26	AV	235.00	200	Vertical	Pass
4	6656.800	54.64	-1.15	74.0	-19.36	Peak	89.00	300	Vertical	Pass
4**	6656.800	45.19	-1.15	54.0	-8.81	AV	89.00	300	Vertical	Pass
5	12358.425	52.87	1.17	74.0	-21.13	Peak	360.00	300	Vertical	Pass
5**	12358.425	43.30	1.17	54.0	-10.70	AV	360.00	300	Vertical	Pass
6	15838.050	53.40	1.45	74.0	-20.60	Peak	301.00	300	Vertical	Pass
6**	15838.050	44.49	1.45	54.0	-9.51	AV	301.00	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	1329.600	39.32	-17.43	74.0	-34.68	Peak	300.00	400	Horizontal	Pass
1**	1329.600	29.53	-17.43	54.0	-24.47	AV	300.00	400	Horizontal	Pass
2	2438.900	103.98	-12.62	74.0	29.98	Peak	17.00	200	Horizontal	N/A
2**	2438.900	100.89	-12.62	54.0	46.89	AV	17.00	200	Horizontal	N/A
3	4899.600	50.46	-2.87	74.0	-23.54	Peak	138.00	200	Horizontal	Pass
3**	4899.600	41.99	-2.87	54.0	-12.01	AV	138.00	200	Horizontal	Pass
4	6273.400	54.03	-0.19	74.0	-19.97	Peak	149.00	300	Horizontal	Pass
4**	6273.400	44.86	-0.19	54.0	-9.14	AV	149.00	300	Horizontal	Pass
5	12705.150	53.01	0.90	74.0	-20.99	Peak	247.00	200	Horizontal	Pass
5**	12705.150	43.06	0.90	54.0	-10.94	AV	247.00	200	Horizontal	Pass
6	17188.614	53.65	2.39	74.0	-20.35	Peak	36.00	300	Horizontal	Pass
6**	17188.614	46.81	2.39	54.0	-7.19	AV	36.00	300	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	1331.000	44.09	-17.40	74.0	-29.91	Peak	0.00	200	Vertical	Pass
1**	1331.000	36.03	-17.40	54.0	-17.97	AV	0.00	200	Vertical	Pass
2	2435.600	101.80	-12.81	74.0	27.80	Peak	96.00	100	Vertical	N/A
2**	2435.600	98.88	-12.81	54.0	44.88	AV	96.00	100	Vertical	N/A
3	2654.600	51.24	-11.16	74.0	-22.76	Peak	234.00	200	Vertical	Pass
3**	2654.600	38.17	-11.16	54.0	-15.83	AV	234.00	200	Vertical	Pass
4	6998.200	54.77	0.23	74.0	-19.23	Peak	1.00	100	Vertical	Pass
4**	6998.200	44.77	0.23	54.0	-9.23	AV	1.00	100	Vertical	Pass
5	12678.988	52.75	0.88	74.0	-21.25	Peak	185.00	300	Vertical	Pass
5**	12678.988	43.03	0.88	54.0	-10.97	AV	185.00	300	Vertical	Pass
6	17475.787	52.98	2.81	74.0	-21.02	Peak	24.00	300	Vertical	Pass
6**	17475.787	44.89	2.81	54.0	-9.11	AV	24.00	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	1379.200	38.74	-17.37	74.0	-35.26	Peak	150.00	200	Horizontal	Pass
1**	1379.200	28.95	-17.37	54.0	-25.05	AV	150.00	200	Horizontal	Pass
2	2460.600	103.68	-12.75	74.0	29.68	Peak	10.00	200	Horizontal	N/A
2**	2460.600	100.68	-12.75	54.0	46.68	AV	10.00	200	Horizontal	N/A
3	4770.200	50.64	-3.05	74.0	-23.36	Peak	87.00	150	Horizontal	Pass
3**	4770.200	41.37	-3.05	54.0	-12.63	AV	87.00	150	Horizontal	Pass
4	6687.000	54.39	-0.22	74.0	-19.61	Peak	332.00	300	Horizontal	Pass
4**	6687.000	44.40	-0.22	54.0	-9.60	AV	332.00	300	Horizontal	Pass
5	12276.200	52.90	1.66	74.0	-21.10	Peak	77.00	200	Horizontal	Pass
5**	12276.200	43.32	1.66	54.0	-10.68	AV	77.00	200	Horizontal	Pass
6	17419.874	52.79	3.75	74.0	-21.21	Peak	248.00	400	Horizontal	Pass
6**	17419.874	44.77	3.75	54.0	-9.23	AV	248.00	400	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	1329.900	43.00	-17.42	74.0	-31.00	Peak	360.00	300	Vertical	Pass
1**	1329.900	32.82	-17.42	54.0	-21.18	AV	360.00	300	Vertical	Pass
2	2460.600	99.01	-12.75	74.0	25.01	Peak	5.00	150	Vertical	N/A
2**	2460.600	96.20	-12.75	54.0	42.20	AV	5.00	150	Vertical	N/A
3	4837.000	50.94	-3.39	74.0	-23.06	Peak	169.00	150	Vertical	Pass
3**	4837.000	40.93	-3.39	54.0	-13.07	AV	169.00	150	Vertical	Pass
4	6273.800	53.55	-0.21	74.0	-20.45	Peak	344.00	400	Vertical	Pass
4**	6273.800	44.76	-0.21	54.0	-9.24	AV	344.00	400	Vertical	Pass
5	12220.137	52.59	1.23	74.0	-21.41	Peak	196.00	400	Vertical	Pass
5**	12220.137	44.01	1.23	54.0	-9.99	AV	196.00	400	Vertical	Pass
6	13400.738	53.01	0.53	74.0	-20.99	Peak	156.00	300	Vertical	Pass
6**	13400.738	43.97	0.53	54.0	-10.03	AV	156.00	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	1473.800	39.38	-17.54	74.0	-34.62	Peak	241.00	300	Horizontal	Pass
1**	1473.800	28.54	-17.54	54.0	-25.46	AV	241.00	300	Horizontal	Pass
2	2408.300	104.64	-12.28	74.0	30.64	Peak	8.00	150	Horizontal	N/A
2**	2408.300	101.61	-12.28	54.0	47.61	AV	8.00	150	Horizontal	N/A
3	4824.000	50.84	-3.38	74.0	-23.16	Peak	311.00	200	Horizontal	Pass
3**	4824.000	43.74	-3.38	54.0	-10.26	AV	311.00	200	Horizontal	Pass
4	6682.600	54.72	-0.43	74.0	-19.28	Peak	181.00	100	Horizontal	Pass
4**	6682.600	45.16	-0.43	54.0	-8.84	AV	181.00	100	Horizontal	Pass
5	12333.125	52.63	1.37	74.0	-21.37	Peak	314.00	400	Horizontal	Pass
5**	12333.125	44.46	1.37	54.0	-9.54	AV	314.00	400	Horizontal	Pass
6	17184.150	53.11	2.55	74.0	-20.89	Peak	360.00	300	Horizontal	Pass
6**	17184.150	44.17	2.55	54.0	-9.83	AV	360.00	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	1332.200	43.17	-17.42	74.0	-30.83	Peak	357.00	100	Vertical	Pass
1**	1332.200	37.04	-17.42	54.0	-16.96	AV	357.00	100	Vertical	Pass
2	2410.600	100.26	-12.25	74.0	26.26	Peak	2.00	100	Vertical	N/A
2**	2410.600	97.37	-12.25	54.0	43.37	AV	2.00	100	Vertical	N/A
3	4990.800	51.28	-2.90	74.0	-22.72	Peak	360.00	150	Vertical	Pass
3**	4990.800	41.13	-2.90	54.0	-12.87	AV	360.00	150	Vertical	Pass
4	6678.200	53.73	-0.56	74.0	-20.27	Peak	177.00	300	Vertical	Pass
4**	6678.200	45.06	-0.56	54.0	-8.94	AV	177.00	300	Vertical	Pass
5	12718.662	52.87	1.13	74.0	-21.13	Peak	313.00	200	Vertical	Pass
5**	12718.662	44.24	1.13	54.0	-9.76	AV	313.00	200	Vertical	Pass
6	17205.676	52.74	1.62	74.0	-21.26	Peak	132.00	200	Vertical	Pass
6**	17205.676	45.15	1.62	54.0	-8.85	AV	132.00	200	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	1582.800	38.52	-17.55	74.0	-35.48	Peak	266.00	400	Horizontal	Pass
1**	1582.800	28.69	-17.55	54.0	-25.31	AV	266.00	400	Horizontal	Pass
2	2438.700	103.88	-12.62	74.0	29.88	Peak	19.00	200	Horizontal	N/A
2**	2438.700	100.82	-12.62	54.0	46.82	AV	19.00	200	Horizontal	N/A
3	4914.200	51.55	-2.29	74.0	-22.45	Peak	71.00	100	Horizontal	Pass
3**	4914.200	42.22	-2.29	54.0	-11.78	AV	71.00	100	Horizontal	Pass
4	6744.400	53.73	-0.36	74.0	-20.27	Peak	180.00	200	Horizontal	Pass
4**	6744.400	43.82	-0.36	54.0	-10.18	AV	180.00	200	Horizontal	Pass
5	12230.487	52.67	1.29	74.0	-21.33	Peak	147.00	100	Horizontal	Pass
5**	12230.487	43.38	1.29	54.0	-10.62	AV	147.00	100	Horizontal	Pass
6	17204.888	52.45	1.65	74.0	-21.55	Peak	345.00	300	Horizontal	Pass
6**	17204.888	44.70	1.65	54.0	-9.30	AV	345.00	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	1332.000	42.43	-17.42	74.0	-31.57	Peak	114.00	100	Vertical	Pass
1**	1332.000	34.05	-17.42	54.0	-19.95	AV	114.00	100	Vertical	Pass
2	2435.600	99.22	-12.81	74.0	25.22	Peak	225.00	150	Vertical	N/A
2**	2435.600	96.18	-12.81	54.0	42.18	AV	225.00	150	Vertical	N/A
3	4564.600	49.93	-4.11	74.0	-24.07	Peak	360.00	150	Vertical	Pass
3**	4564.600	41.11	-4.11	54.0	-12.89	AV	360.00	150	Vertical	Pass
4	6672.000	54.12	-0.79	74.0	-19.88	Peak	18.00	300	Vertical	Pass
4**	6672.000	44.77	-0.79	54.0	-9.23	AV	18.00	300	Vertical	Pass
5	12311.850	52.99	1.38	74.0	-21.01	Peak	213.00	300	Vertical	Pass
5**	12311.850	43.28	1.38	54.0	-10.72	AV	213.00	300	Vertical	Pass
6	17238.225	52.84	1.56	74.0	-21.16	Peak	36.00	300	Vertical	Pass
6**	17238.225	44.18	1.56	54.0	-9.82	AV	36.00	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	1555.800	39.24	-17.49	74.0	-34.76	Peak	172.00	400	Horizontal	Pass
1**	1555.800	28.59	-17.49	54.0	-25.41	AV	172.00	400	Horizontal	Pass
2	2460.500	103.62	-12.75	74.0	29.62	Peak	12.00	200	Horizontal	N/A
2**	2460.500	100.62	-12.75	54.0	46.62	AV	12.00	200	Horizontal	N/A
3	4575.200	51.01	-3.89	74.0	-22.99	Peak	356.00	150	Horizontal	Pass
3**	4575.200	40.36	-3.89	54.0	-13.64	AV	356.00	150	Horizontal	Pass
4	6684.600	53.77	-0.26	74.0	-20.23	Peak	144.00	100	Horizontal	Pass
4**	6684.600	45.85	-0.26	54.0	-8.15	AV	144.00	100	Horizontal	Pass
5	11606.612	52.91	-0.02	74.0	-21.09	Peak	280.00	400	Horizontal	Pass
5**	11606.612	42.69	-0.02	54.0	-11.31	AV	280.00	400	Horizontal	Pass
6	13577.662	52.55	0.98	74.0	-21.45	Peak	73.00	200	Horizontal	Pass
6**	13577.662	42.66	0.98	54.0	-11.34	AV	73.00	200	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	1329.700	43.36	-17.43	74.0	-30.64	Peak	109.00	200	Vertical	Pass
1**	1329.700	32.22	-17.43	54.0	-21.78	AV	109.00	200	Vertical	Pass
2	2460.500	98.95	-12.75	74.0	24.95	Peak	6.00	200	Vertical	N/A
2**	2460.500	96.03	-12.75	54.0	42.03	AV	6.00	200	Vertical	N/A
3	5132.000	52.90	-2.27	74.0	-21.10	Peak	337.00	150	Vertical	Pass
3**	5132.000	43.57	-2.27	54.0	-10.43	AV	337.00	150	Vertical	Pass
4	6278.800	53.65	-0.21	74.0	-20.35	Peak	134.00	200	Vertical	Pass
4**	6278.800	44.20	-0.21	54.0	-9.80	AV	134.00	200	Vertical	Pass
5	12743.388	52.80	1.26	74.0	-21.20	Peak	114.00	100	Vertical	Pass
5**	12743.388	43.60	1.26	54.0	-10.40	AV	114.00	100	Vertical	Pass
6	17208.562	53.69	1.53	74.0	-20.31	Peak	15.00	200	Vertical	Pass
6**	17208.562	45.00	1.53	54.0	-9.00	AV	15.00	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	1556.700	39.15	-17.51	74.0	-34.85	Peak	195.00	400	Horizontal	Pass
1**	1556.700	28.50	-17.51	54.0	-25.50	AV	195.00	400	Horizontal	Pass
2	2408.900	104.47	-12.27	74.0	30.47	Peak	11.00	100	Horizontal	N/A
2**	2408.900	101.83	-12.27	54.0	47.83	AV	11.00	100	Horizontal	N/A
3	4885.600	51.20	-3.33	74.0	-22.80	Peak	309.00	150	Horizontal	Pass
3**	4885.600	41.23	-3.33	54.0	-12.77	AV	309.00	150	Horizontal	Pass
4	6693.800	54.00	-0.33	74.0	-20.00	Peak	340.00	100	Horizontal	Pass
4**	6693.800	45.55	-0.33	54.0	-8.45	AV	340.00	100	Horizontal	Pass
5	12735.050	53.11	1.31	74.0	-20.89	Peak	213.00	200	Horizontal	Pass
5**	12735.050	43.65	1.31	54.0	-10.35	AV	213.00	200	Horizontal	Pass
6	17222.214	53.15	1.36	74.0	-20.85	Peak	0.00	100	Horizontal	Pass
6**	17222.214	43.84	1.36	54.0	-10.16	AV	0.00	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	1331.200	43.70	-17.41	74.0	-30.30	Peak	3.00	300	Vertical	Pass
1**	1331.200	34.63	-17.41	54.0	-19.37	AV	3.00	300	Vertical	Pass
2	2410.300	99.39	-12.24	74.0	25.39	Peak	226.00	150	Vertical	N/A
2**	2410.300	96.35	-12.24	54.0	42.35	AV	226.00	150	Vertical	N/A
3	4800.400	50.56	-2.56	74.0	-23.44	Peak	328.00	150	Vertical	Pass
3**	4800.400	41.96	-2.56	54.0	-12.04	AV	328.00	150	Vertical	Pass
4	6689.600	53.97	-0.27	74.0	-20.03	Peak	264.00	300	Vertical	Pass
4**	6689.600	45.01	-0.27	54.0	-8.99	AV	264.00	300	Vertical	Pass
5	12726.138	52.90	1.26	74.0	-21.10	Peak	81.00	300	Vertical	Pass
5**	12726.138	43.88	1.26	54.0	-10.12	AV	81.00	300	Vertical	Pass
6	17208.562	52.87	1.53	74.0	-21.13	Peak	94.00	300	Vertical	Pass
6**	17208.562	46.39	1.53	54.0	-7.61	AV	94.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.000	39.39	-17.50	74.0	-34.61	Peak	261.00	300	Horizontal	Pass
1**	1549.000	30.92	-17.50	54.0	-23.08	AV	261.00	300	Horizontal	Pass
2	2438.600	103.84	-12.61	74.0	29.84	Peak	16.00	100	Horizontal	N/A
2**	2438.600	100.58	-12.61	54.0	46.58	AV	16.00	100	Horizontal	N/A
3	4798.800	50.55	-2.55	74.0	-23.45	Peak	355.00	200	Horizontal	Pass
3**	4798.800	41.58	-2.55	54.0	-12.42	AV	355.00	200	Horizontal	Pass
4	6734.200	53.98	-0.38	74.0	-20.02	Peak	183.00	400	Horizontal	Pass
4**	6734.200	44.65	-0.38	54.0	-9.35	AV	183.00	400	Horizontal	Pass
5	12428.575	53.01	1.52	74.0	-20.99	Peak	0.00	300	Horizontal	Pass
5**	12428.575	43.71	1.52	54.0	-10.29	AV	0.00	300	Horizontal	Pass
6	17174.438	52.32	2.49	74.0	-21.68	Peak	75.00	400	Horizontal	Pass
6**	17174.438	42.29	2.49	54.0	-11.71	AV	75.00	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	1328.800	43.19	-17.46	74.0	-30.81	Peak	178.00	200	Vertical	Pass
1**	1328.800	33.51	-17.46	54.0	-20.49	AV	178.00	200	Vertical	Pass
2	2435.700	98.87	-12.80	74.0	24.87	Peak	225.00	150	Vertical	N/A
2**	2435.700	95.90	-12.80	54.0	41.90	AV	225.00	150	Vertical	N/A
3	4242.800	49.11	-4.87	74.0	-24.89	Peak	180.00	150	Vertical	Pass
3**	4242.800	39.90	-4.87	54.0	-14.10	AV	180.00	150	Vertical	Pass
4	6678.600	54.74	-0.55	74.0	-19.26	Peak	286.00	400	Vertical	Pass
4**	6678.600	44.44	-0.55	54.0	-9.56	AV	286.00	400	Vertical	Pass
5	12331.688	53.75	1.39	74.0	-20.25	Peak	0.00	300	Vertical	Pass
5**	12331.688	43.85	1.39	54.0	-10.15	AV	0.00	300	Vertical	Pass
6	17202.526	53.53	1.77	74.0	-20.47	Peak	231.00	150	Vertical	Pass
6**	17202.526	44.86	1.77	54.0	-9.14	AV	231.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	39.55	-17.55	74.0	-34.45	Peak	117.00	200	Horizontal	Pass
1**	1499.100	30.38	-17.55	54.0	-23.62	AV	117.00	200	Horizontal	Pass
2	2460.500	103.52	-12.75	74.0	29.52	Peak	14.00	100	Horizontal	N/A
2**	2460.500	100.31	-12.75	54.0	46.31	AV	14.00	100	Horizontal	N/A
3	4911.800	51.69	-2.37	74.0	-22.31	Peak	256.00	150	Horizontal	Pass
3**	4911.800	41.91	-2.37	54.0	-12.09	AV	256.00	150	Horizontal	Pass
4	6610.400	53.66	0.18	74.0	-20.34	Peak	300.00	200	Horizontal	Pass
4**	6610.400	44.71	0.18	54.0	-9.29	AV	300.00	200	Horizontal	Pass
5	11027.013	53.13	-0.66	74.0	-20.87	Peak	74.00	200	Horizontal	Pass
5**	11027.013	43.74	-0.66	54.0	-10.26	AV	74.00	200	Horizontal	Pass
6	17204.625	53.66	1.66	74.0	-20.34	Peak	37.00	200	Horizontal	Pass
6**	17204.625	44.09	1.66	54.0	-9.91	AV	37.00	200	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	1330.900	42.58	-17.40	74.0	-31.42	Peak	1.00	300	Vertical	Pass
1**	1330.900	31.58	-17.40	54.0	-22.42	AV	1.00	300	Vertical	Pass
2	2460.800	98.48	-12.75	74.0	24.48	Peak	7.00	100	Vertical	N/A
2**	2460.800	95.54	-12.75	54.0	41.54	AV	7.00	100	Vertical	N/A
3	4755.000	50.47	-3.38	74.0	-23.53	Peak	50.00	150	Vertical	Pass
3**	4755.000	41.67	-3.38	54.0	-12.33	AV	50.00	150	Vertical	Pass
4	6686.200	53.94	-0.20	74.0	-20.06	Peak	61.00	300	Vertical	Pass
4**	6686.200	45.42	-0.20	54.0	-8.58	AV	61.00	300	Vertical	Pass
5	12419.662	52.99	1.39	74.0	-21.01	Peak	163.00	300	Vertical	Pass
5**	12419.662	43.31	1.39	54.0	-10.69	AV	163.00	300	Vertical	Pass
6	17193.599	53.90	2.23	74.0	-20.10	Peak	154.00	300	Vertical	Pass
6**	17193.599	44.91	2.23	54.0	-9.09	AV	154.00	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	1298.200	39.51	-17.46	74.0	-34.49	Peak	155.00	100	Horizontal	Pass
1**	1298.200	29.04	-17.46	54.0	-24.96	AV	155.00	100	Horizontal	Pass
2	2413.600	101.61	-12.26	74.0	27.61	Peak	6.00	100	Horizontal	N/A
2**	2413.600	98.75	-12.26	54.0	44.75	AV	6.00	100	Horizontal	N/A
3	5138.400	51.61	-2.44	74.0	-22.39	Peak	261.00	150	Horizontal	Pass
3**	5138.400	42.42	-2.44	54.0	-11.58	AV	261.00	150	Horizontal	Pass
4	6672.600	54.20	-0.81	74.0	-19.80	Peak	139.00	300	Horizontal	Pass
4**	6672.600	44.72	-0.81	54.0	-9.28	AV	139.00	300	Horizontal	Pass
5	12714.925	53.01	1.05	74.0	-20.99	Peak	228.00	200	Horizontal	Pass
5**	12714.925	44.28	1.05	54.0	-9.72	AV	228.00	200	Horizontal	Pass
6	17203.050	53.09	1.74	74.0	-20.91	Peak	136.00	100	Horizontal	Pass
6**	17203.050	45.69	1.74	54.0	-8.31	AV	136.00	100	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	43.81	-17.42	74.0	-30.19	Peak	0.00	100	Vertical	Pass
1**	1332.100	31.21	-17.42	54.0	-22.79	AV	0.00	100	Vertical	Pass
2	2413.800	94.47	-12.26	74.0	20.47	Peak	2.00	200	Vertical	N/A
2**	2413.800	91.61	-12.26	54.0	37.61	AV	2.00	200	Vertical	N/A
3	4801.000	51.05	-2.57	74.0	-22.95	Peak	40.00	200	Vertical	Pass
3**	4801.000	41.73	-2.57	54.0	-12.27	AV	40.00	200	Vertical	Pass
4	6685.600	53.73	-0.19	74.0	-20.27	Peak	94.00	300	Vertical	Pass
4**	6685.600	45.44	-0.19	54.0	-8.56	AV	94.00	300	Vertical	Pass
5	12216.688	53.03	1.20	74.0	-20.97	Peak	89.00	300	Vertical	Pass
5**	12216.688	43.92	1.20	54.0	-10.08	AV	89.00	300	Vertical	Pass
6	17428.537	53.62	3.50	74.0	-20.38	Peak	54.00	400	Vertical	Pass
6**	17428.537	46.37	3.50	54.0	-7.63	AV	54.00	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	1528.000	39.95	-17.45	74.0	-34.05	Peak	290.00	400	Horizontal	Pass
1**	1528.000	29.21	-17.45	54.0	-24.79	AV	290.00	400	Horizontal	Pass
2	2445.300	101.27	-12.72	74.0	27.27	Peak	15.00	100	Horizontal	N/A
2**	2445.300	98.40	-12.72	54.0	44.40	AV	15.00	100	Horizontal	N/A
3	4868.800	51.20	-3.37	74.0	-22.80	Peak	87.00	150	Horizontal	Pass
3**	4868.800	40.97	-3.37	54.0	-13.03	AV	87.00	150	Horizontal	Pass
4	6998.400	53.91	0.23	74.0	-20.09	Peak	330.00	100	Horizontal	Pass
4**	6998.400	44.91	0.23	54.0	-9.09	AV	330.00	100	Horizontal	Pass
5	12217.838	53.20	1.21	74.0	-20.80	Peak	313.00	400	Horizontal	Pass
5**	12217.838	44.31	1.21	54.0	-9.69	AV	313.00	400	Horizontal	Pass
6	17221.425	53.23	1.36	74.0	-20.77	Peak	360.00	300	Horizontal	Pass
6**	17221.425	44.79	1.36	54.0	-9.21	AV	360.00	300	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	1329.400	43.27	-17.44	74.0	-30.73	Peak	360.00	100	Vertical	Pass
1**	1329.400	29.25	-17.44	54.0	-24.75	AV	360.00	100	Vertical	Pass
2	2428.800	94.74	-12.80	74.0	20.74	Peak	225.00	100	Vertical	N/A
2**	2428.800	91.87	-12.80	54.0	37.87	AV	225.00	100	Vertical	N/A
3	4800.400	50.93	-2.56	74.0	-23.07	Peak	54.00	200	Vertical	Pass
3**	4800.400	42.59	-2.56	54.0	-11.41	AV	54.00	200	Vertical	Pass
4	6594.800	53.56	-0.98	74.0	-20.44	Peak	296.00	400	Vertical	Pass
4**	6594.800	44.29	-0.98	54.0	-9.71	AV	296.00	400	Vertical	Pass
5	12705.438	52.92	0.90	74.0	-21.08	Peak	280.00	100	Vertical	Pass
5**	12705.438	43.37	0.90	54.0	-10.63	AV	280.00	100	Vertical	Pass
6	17210.137	53.29	1.49	74.0	-20.71	Peak	36.00	300	Vertical	Pass
6**	17210.137	44.06	1.49	54.0	-9.94	AV	36.00	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	1498.100	39.57	-17.55	74.0	-34.43	Peak	202.00	400	Horizontal	Pass
1**	1498.100	29.38	-17.55	54.0	-24.62	AV	202.00	400	Horizontal	Pass
2	2443.200	101.91	-12.83	74.0	27.91	Peak	11.00	100	Horizontal	N/A
2**	2443.200	98.63	-12.83	54.0	44.63	AV	11.00	100	Horizontal	N/A
3	4742.800	50.41	-3.79	74.0	-23.59	Peak	0.00	150	Horizontal	Pass
3**	4742.800	41.24	-3.79	54.0	-12.76	AV	0.00	150	Horizontal	Pass
4	6688.600	54.71	-0.25	74.0	-19.29	Peak	105.00	300	Horizontal	Pass
4**	6688.600	44.51	-0.25	54.0	-9.49	AV	105.00	300	Horizontal	Pass
5	12718.950	53.67	1.13	74.0	-20.33	Peak	229.00	300	Horizontal	Pass
5**	12718.950	44.31	1.13	54.0	-9.69	AV	229.00	300	Horizontal	Pass
6	15820.724	52.87	1.84	74.0	-21.13	Peak	57.00	200	Horizontal	Pass
6**	15820.724	42.60	1.84	54.0	-11.40	AV	57.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	42.18	-17.46	74.0	-31.82	Peak	124.00	400	Vertical	Pass
1**	1328.700	34.81	-17.46	54.0	-19.19	AV	124.00	400	Vertical	Pass
2	2460.500	94.43	-12.75	74.0	20.43	Peak	5.00	200	Vertical	N/A
2**	2460.500	91.45	-12.75	54.0	37.45	AV	5.00	200	Vertical	N/A
3	4973.200	50.71	-3.04	74.0	-23.29	Peak	314.00	100	Vertical	Pass
3**	4973.200	40.64	-3.04	54.0	-13.36	AV	314.00	100	Vertical	Pass
4	6402.400	53.65	-1.01	74.0	-20.35	Peak	0.00	100	Vertical	Pass
4**	6402.400	45.30	-1.01	54.0	-8.70	AV	0.00	100	Vertical	Pass
5	12230.776	53.24	1.28	74.0	-20.76	Peak	142.00	100	Vertical	Pass
5**	12230.776	43.40	1.28	54.0	-10.60	AV	142.00	100	Vertical	Pass
6	17226.412	54.07	1.42	74.0	-19.93	Peak	114.00	100	Vertical	Pass
6**	17226.412	44.78	1.42	54.0	-9.22	AV	114.00	100	Vertical	Pass

MIMO**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	1331.300	39.40	-17.41	74.0	-34.60	Peak	174.00	200	Horizontal	Pass
1**	1331.300	30.88	-17.41	54.0	-23.12	AV	174.00	200	Horizontal	Pass
2	2410.300	106.74	-12.24	74.0	32.74	Peak	352.00	150	Horizontal	N/A
2**	2410.300	103.71	-12.24	54.0	49.71	AV	352.00	150	Horizontal	N/A
3	4871.600	50.72	-3.35	74.0	-23.28	Peak	360.00	150	Horizontal	Pass
3**	4871.600	41.43	-3.35	54.0	-12.57	AV	360.00	150	Horizontal	Pass
4	6264.000	54.32	-0.87	74.0	-19.68	Peak	103.00	200	Horizontal	Pass
4**	6264.000	44.39	-0.87	54.0	-9.61	AV	103.00	200	Horizontal	Pass
5	12515.112	53.25	1.53	74.0	-20.75	Peak	112.00	200	Horizontal	Pass
5**	12515.112	43.04	1.53	54.0	-10.96	AV	112.00	200	Horizontal	Pass
6	17132.175	53.70	2.24	74.0	-20.30	Peak	269.00	400	Horizontal	Pass
6**	17132.175	44.45	2.24	54.0	-9.55	AV	269.00	400	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	1327.700	42.66	-17.49	74.0	-31.34	Peak	360.00	400	Vertical	Pass
1**	1327.700	29.32	-17.49	54.0	-24.68	AV	360.00	400	Vertical	Pass
2	2410.900	101.83	-12.25	74.0	27.83	Peak	228.00	100	Vertical	N/A
2**	2410.900	98.95	-12.25	54.0	44.95	AV	228.00	100	Vertical	N/A
3	4888.800	52.00	-3.27	74.0	-22.00	Peak	215.00	200	Vertical	Pass
3**	4888.800	41.51	-3.27	54.0	-12.49	AV	215.00	200	Vertical	Pass
4	6680.000	54.20	-0.53	74.0	-19.80	Peak	291.00	100	Vertical	Pass
4**	6680.000	45.27	-0.53	54.0	-8.73	AV	291.00	100	Vertical	Pass
5	12716.937	52.90	1.09	74.0	-21.10	Peak	329.00	100	Vertical	Pass
5**	12716.937	44.58	1.09	54.0	-9.42	AV	329.00	100	Vertical	Pass
6	17422.500	53.65	3.69	74.0	-20.35	Peak	93.00	150	Vertical	Pass
6**	17422.500	44.19	3.69	54.0	-9.81	AV	93.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.900	38.91	-17.57	74.0	-35.09	Peak	123.00	400	Horizontal	Pass
1**	1481.900	29.66	-17.57	54.0	-24.34	AV	123.00	400	Horizontal	Pass
2	2438.700	106.55	-12.62	74.0	32.55	Peak	352.00	150	Horizontal	N/A
2**	2438.700	103.59	-12.62	54.0	49.59	AV	352.00	150	Horizontal	N/A
3	4894.400	51.08	-3.15	74.0	-22.92	Peak	136.00	100	Horizontal	Pass
3**	4894.400	41.36	-3.15	54.0	-12.64	AV	136.00	100	Horizontal	Pass
4	6681.000	53.45	-0.52	74.0	-20.55	Peak	190.00	400	Horizontal	Pass
4**	6681.000	45.13	-0.52	54.0	-8.87	AV	190.00	400	Horizontal	Pass
5	12239.112	53.09	1.08	74.0	-20.91	Peak	129.00	300	Horizontal	Pass
5**	12239.112	43.89	1.08	54.0	-10.11	AV	129.00	300	Horizontal	Pass
6	17232.450	54.22	1.52	74.0	-19.78	Peak	74.00	100	Horizontal	Pass
6**	17232.450	44.39	1.52	54.0	-9.61	AV	74.00	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	1333.300	45.29	-17.45	74.0	-28.71	Peak	360.00	100	Vertical	Pass
1**	1333.300	36.10	-17.45	54.0	-17.90	AV	360.00	100	Vertical	Pass
2	2438.400	101.01	-12.61	74.0	27.01	Peak	221.00	100	Vertical	N/A
2**	2438.400	98.13	-12.61	54.0	44.13	AV	221.00	100	Vertical	N/A
3	4797.000	50.89	-2.64	74.0	-23.11	Peak	52.00	200	Vertical	Pass
3**	4797.000	41.73	-2.64	54.0	-12.27	AV	52.00	200	Vertical	Pass
4	6674.000	53.84	-0.71	74.0	-20.16	Peak	147.00	400	Vertical	Pass
4**	6674.000	45.33	-0.71	54.0	-8.67	AV	147.00	400	Vertical	Pass
5	12219.850	53.40	1.22	74.0	-20.60	Peak	331.00	400	Vertical	Pass
5**	12219.850	44.04	1.22	54.0	-9.96	AV	331.00	400	Vertical	Pass
6	17186.775	52.73	2.46	74.0	-21.27	Peak	93.00	400	Vertical	Pass
6**	17186.775	44.77	2.46	54.0	-9.23	AV	93.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.100	38.74	-17.46	74.0	-35.26	Peak	198.00	200	Horizontal	Pass
1**	1460.100	29.18	-17.46	54.0	-24.82	AV	198.00	200	Horizontal	Pass
2	2463.800	106.71	-12.78	74.0	32.71	Peak	357.00	150	Horizontal	N/A
2**	2463.800	103.70	-12.78	54.0	49.70	AV	357.00	150	Horizontal	N/A
3	4524.800	49.93	-3.84	74.0	-24.07	Peak	189.00	150	Horizontal	Pass
3**	4524.800	40.40	-3.84	54.0	-13.60	AV	189.00	150	Horizontal	Pass
4	6689.800	54.18	-0.27	74.0	-19.82	Peak	351.00	400	Horizontal	Pass
4**	6689.800	44.82	-0.27	54.0	-9.18	AV	351.00	400	Horizontal	Pass
5	12728.724	52.75	1.29	74.0	-21.25	Peak	78.00	300	Horizontal	Pass
5**	12728.724	44.85	1.29	54.0	-9.15	AV	78.00	300	Horizontal	Pass
6	17195.176	53.27	2.18	74.0	-20.73	Peak	233.00	150	Horizontal	Pass
6**	17195.176	46.06	2.18	54.0	-7.94	AV	233.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	41.20	-17.57	74.0	-32.80	Peak	118.00	400	Vertical	Pass
1**	1496.500	29.91	-17.57	54.0	-24.09	AV	118.00	400	Vertical	Pass
2	2463.600	100.86	-12.78	74.0	26.86	Peak	1.00	100	Vertical	N/A
2**	2463.600	98.01	-12.78	54.0	44.01	AV	1.00	100	Vertical	N/A
3	4912.600	51.03	-2.27	74.0	-22.97	Peak	341.00	100	Vertical	Pass
3**	4912.600	41.95	-2.27	54.0	-12.05	AV	341.00	100	Vertical	Pass
4	6658.400	54.24	-1.10	74.0	-19.76	Peak	94.00	100	Vertical	Pass
4**	6658.400	44.10	-1.10	54.0	-9.90	AV	94.00	100	Vertical	Pass
5	12230.776	53.20	1.28	74.0	-20.80	Peak	330.00	200	Vertical	Pass
5**	12230.776	44.20	1.28	54.0	-9.80	AV	330.00	200	Vertical	Pass
6	17212.238	54.05	1.45	74.0	-19.95	Peak	135.00	200	Vertical	Pass
6**	17212.238	46.41	1.45	54.0	-7.59	AV	135.00	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	1532.500	39.36	-17.58	74.0	-34.64	Peak	47.00	400	Horizontal	Pass
1**	1532.500	29.98	-17.58	54.0	-24.02	AV	47.00	400	Horizontal	Pass
2	2414.400	103.03	-12.26	74.0	29.03	Peak	352.00	150	Horizontal	N/A
2**	2414.400	100.46	-12.26	54.0	46.46	AV	352.00	150	Horizontal	N/A
3	4890.000	51.41	-3.19	74.0	-22.59	Peak	0.00	150	Horizontal	Pass
3**	4890.000	42.58	-3.19	54.0	-11.42	AV	0.00	150	Horizontal	Pass
4	6739.200	53.99	-0.20	74.0	-20.01	Peak	349.00	200	Horizontal	Pass
4**	6739.200	44.59	-0.20	54.0	-9.41	AV	349.00	200	Horizontal	Pass
5	12223.588	53.13	1.28	74.0	-20.87	Peak	93.00	400	Horizontal	Pass
5**	12223.588	43.63	1.28	54.0	-10.37	AV	93.00	400	Horizontal	Pass
6	17227.463	52.90	1.43	74.0	-21.10	Peak	0.00	200	Horizontal	Pass
6**	17227.463	45.16	1.43	54.0	-8.84	AV	0.00	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	1329.200	43.67	-17.44	74.0	-30.33	Peak	83.00	400	Vertical	Pass
1**	1329.200	35.64	-17.44	54.0	-18.36	AV	83.00	400	Vertical	Pass
2	2413.800	97.01	-12.26	74.0	23.01	Peak	225.00	150	Vertical	N/A
2**	2413.800	94.19	-12.26	54.0	40.19	AV	225.00	150	Vertical	N/A
3	4886.600	51.22	-3.35	74.0	-22.78	Peak	355.00	150	Vertical	Pass
3**	4886.600	41.71	-3.35	54.0	-12.29	AV	355.00	150	Vertical	Pass
4	6601.800	54.63	-0.22	74.0	-19.37	Peak	169.00	200	Vertical	Pass
4**	6601.800	44.79	-0.22	54.0	-9.21	AV	169.00	200	Vertical	Pass
5	12218.125	53.27	1.21	74.0	-20.73	Peak	328.00	400	Vertical	Pass
5**	12218.125	44.78	1.21	54.0	-9.22	AV	328.00	400	Vertical	Pass
6	17196.225	52.94	2.12	74.0	-21.06	Peak	314.00	100	Vertical	Pass
6**	17196.225	45.37	2.12	54.0	-8.63	AV	314.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1242.000	39.12	-17.93	74.0	-34.88	Peak	344.00	200	Horizontal	Pass
1**	1242.000	30.62	-17.93	54.0	-23.38	AV	344.00	200	Horizontal	Pass
2	2429.400	103.06	-12.80	74.0	29.06	Peak	350.00	150	Horizontal	N/A
2**	2429.400	100.46	-12.80	54.0	46.46	AV	350.00	150	Horizontal	N/A
3	4802.200	51.10	-2.61	74.0	-22.90	Peak	60.00	150	Horizontal	Pass
3**	4802.200	41.55	-2.61	54.0	-12.45	AV	60.00	150	Horizontal	Pass
4	6672.000	53.98	-0.79	74.0	-20.02	Peak	318.00	200	Horizontal	Pass
4**	6672.000	44.04	-0.79	54.0	-9.96	AV	318.00	200	Horizontal	Pass
5	12095.938	53.08	0.52	74.0	-20.92	Peak	360.00	200	Horizontal	Pass
5**	12095.938	42.81	0.52	54.0	-11.19	AV	360.00	200	Horizontal	Pass
6	17205.676	53.67	1.62	74.0	-20.33	Peak	191.00	300	Horizontal	Pass
6**	17205.676	45.48	1.62	54.0	-8.52	AV	191.00	300	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	1331.000	43.24	-17.40	74.0	-30.76	Peak	2.00	100	Vertical	Pass
1**	1331.000	35.47	-17.40	54.0	-18.53	AV	2.00	100	Vertical	Pass
2	2429.400	96.90	-12.80	74.0	22.90	Peak	213.00	150	Vertical	N/A
2**	2429.400	94.18	-12.80	54.0	40.18	AV	213.00	150	Vertical	N/A
3	5000.200	51.80	-2.98	74.0	-22.20	Peak	331.00	150	Vertical	Pass
3**	5000.200	40.62	-2.98	54.0	-13.38	AV	331.00	150	Vertical	Pass
4	6678.000	54.35	-0.56	74.0	-19.65	Peak	321.00	300	Vertical	Pass
4**	6678.000	45.01	-0.56	54.0	-8.99	AV	321.00	300	Vertical	Pass
5	12220.425	52.55	1.23	74.0	-21.45	Peak	360.00	200	Vertical	Pass
5**	12220.425	43.73	1.23	54.0	-10.27	AV	360.00	200	Vertical	Pass
6	17203.313	52.96	1.73	74.0	-21.04	Peak	0.00	300	Vertical	Pass
6**	17203.313	45.72	1.73	54.0	-8.28	AV	0.00	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	1417.700	38.72	-17.48	74.0	-35.28	Peak	134.00	100	Horizontal	Pass
1**	1417.700	28.96	-17.48	54.0	-25.04	AV	134.00	100	Horizontal	Pass
2	2444.400	102.94	-12.76	74.0	28.94	Peak	352.00	200	Horizontal	N/A
2**	2444.400	100.31	-12.76	54.0	46.31	AV	352.00	200	Horizontal	N/A
3	4940.800	51.36	-3.07	74.0	-22.64	Peak	214.00	150	Horizontal	Pass
3**	4940.800	41.54	-3.07	54.0	-12.46	AV	214.00	150	Horizontal	Pass
4	6685.200	53.62	-0.19	74.0	-20.38	Peak	236.00	300	Horizontal	Pass
4**	6685.200	46.43	-0.19	54.0	-7.57	AV	236.00	300	Horizontal	Pass
5	12594.750	53.00	1.77	74.0	-21.00	Peak	5.00	400	Horizontal	Pass
5**	12594.750	43.69	1.77	54.0	-10.31	AV	5.00	400	Horizontal	Pass
6	17188.350	53.26	2.40	74.0	-20.74	Peak	194.00	200	Horizontal	Pass
6**	17188.350	45.16	2.40	54.0	-8.84	AV	194.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	44.63	-17.43	74.0	-29.37	Peak	0.00	300	Vertical	Pass
1**	1332.400	38.89	-17.43	54.0	-15.11	AV	0.00	300	Vertical	Pass
2	2458.800	96.21	-12.75	74.0	22.21	Peak	6.00	150	Vertical	N/A
2**	2458.800	93.56	-12.75	54.0	39.56	AV	6.00	150	Vertical	N/A
3	4536.600	50.64	-4.33	74.0	-23.36	Peak	128.00	150	Vertical	Pass
3**	4536.600	39.98	-4.33	54.0	-14.02	AV	128.00	150	Vertical	Pass
4	6680.400	55.49	-0.53	74.0	-18.51	Peak	345.00	100	Vertical	Pass
4**	6680.400	45.04	-0.53	54.0	-8.96	AV	345.00	100	Vertical	Pass
5	12745.113	52.82	1.24	74.0	-21.18	Peak	160.00	100	Vertical	Pass
5**	12745.113	43.76	1.24	54.0	-10.24	AV	160.00	100	Vertical	Pass
6	17197.275	54.04	2.05	74.0	-19.96	Peak	59.00	200	Vertical	Pass
6**	17197.275	43.99	2.05	54.0	-10.01	AV	59.00	200	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.

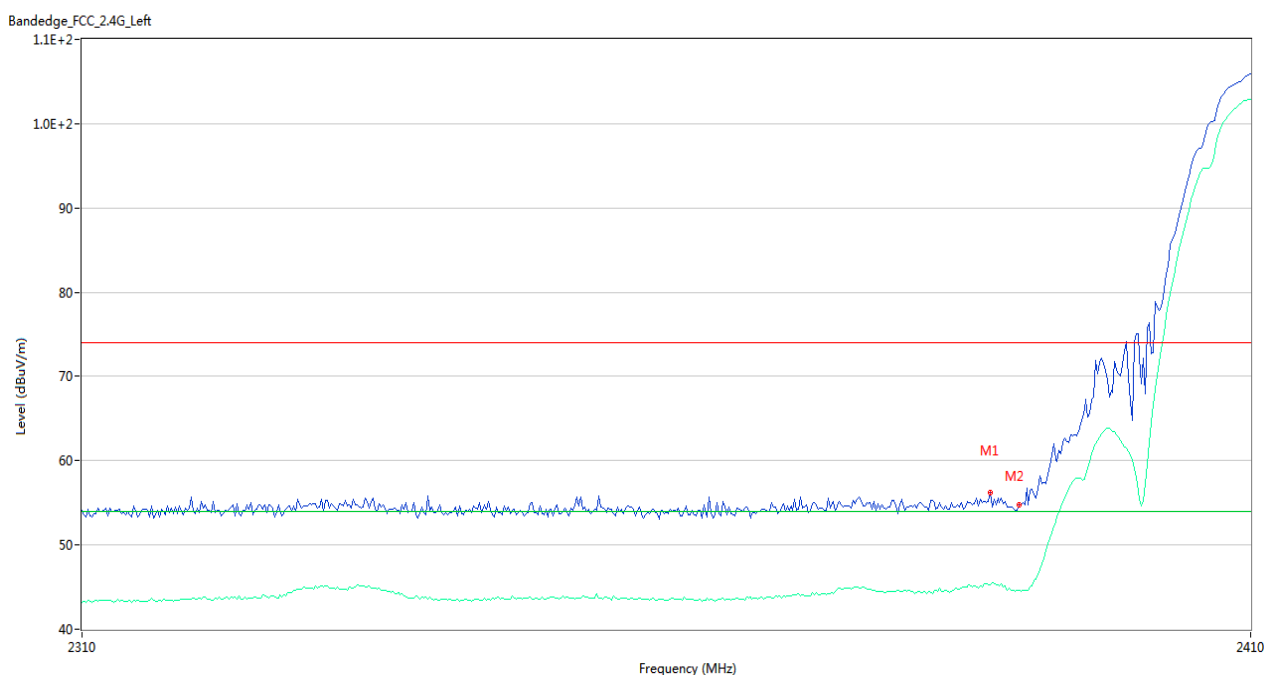
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

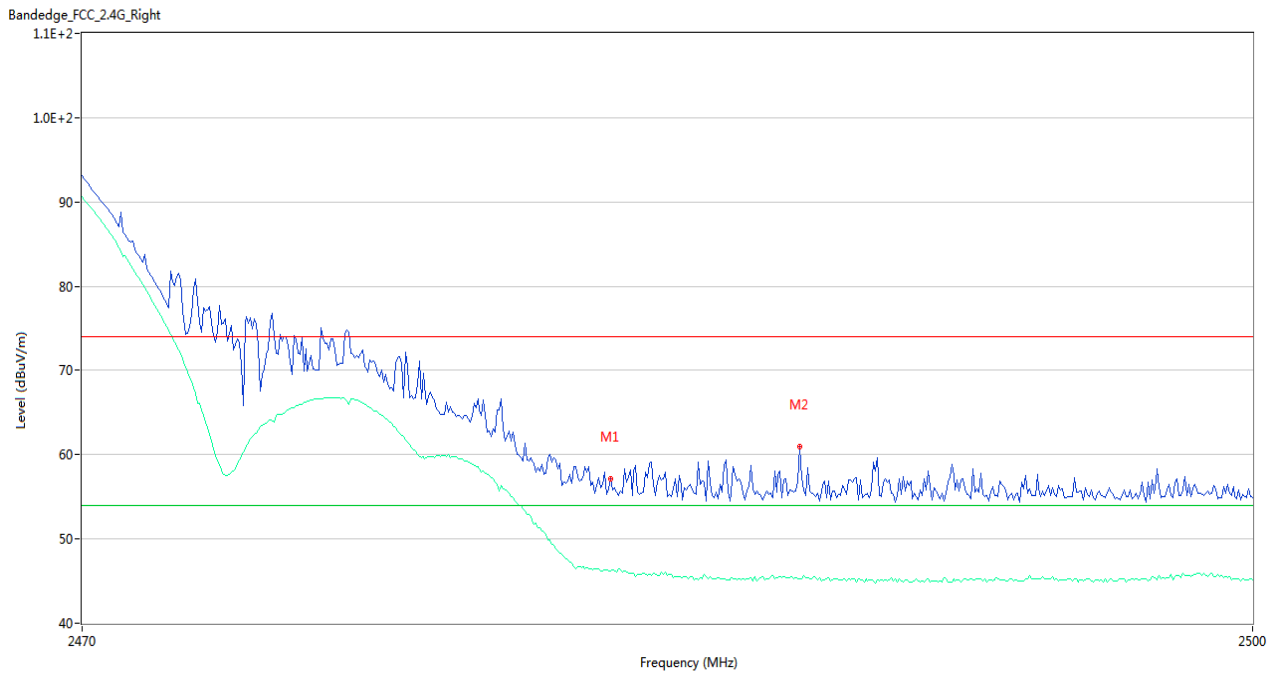
Main Antenna

802.11b LOW CHANNEL



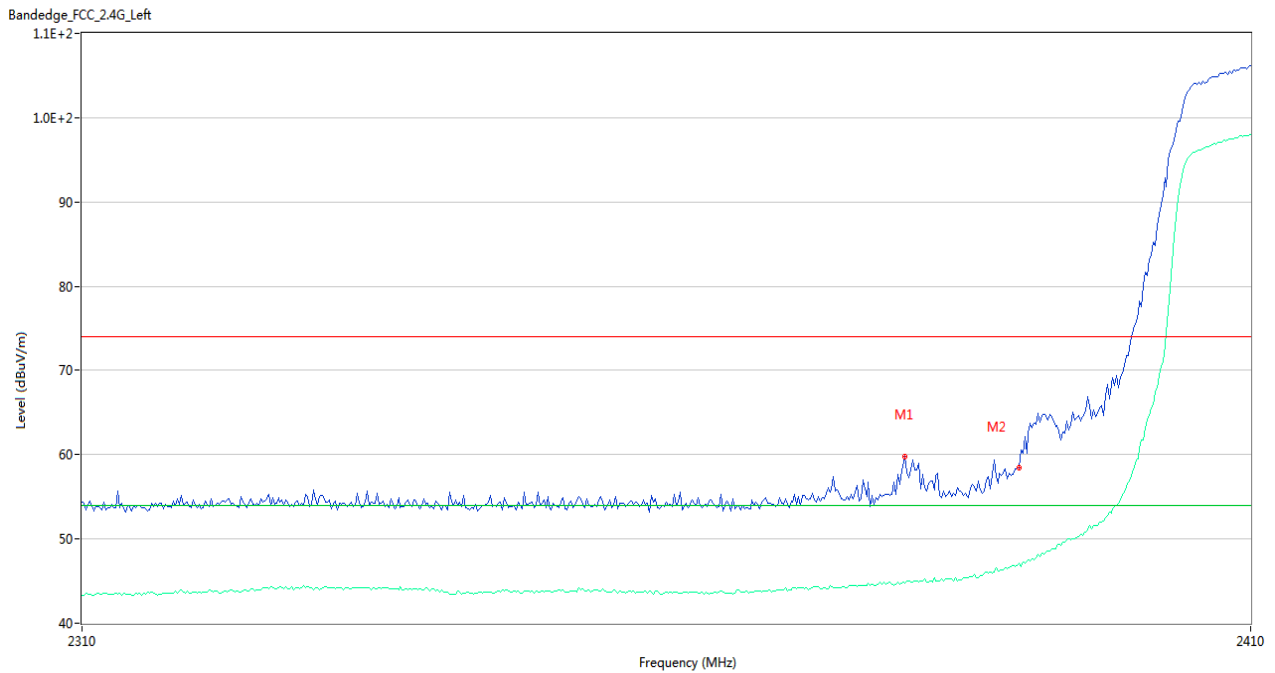
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.333	56.15	-0.53	74.0	-17.85	Peak	87.00	200	Horizontal	Pass
1**	2387.333	45.25	-0.53	54.0	-8.75	AV	87.00	200	Horizontal	Pass
2	2389.833	54.75	-0.50	74.0	-19.25	Peak	95.00	150	Horizontal	Pass
2**	2389.833	44.59	-0.50	54.0	-9.41	AV	95.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



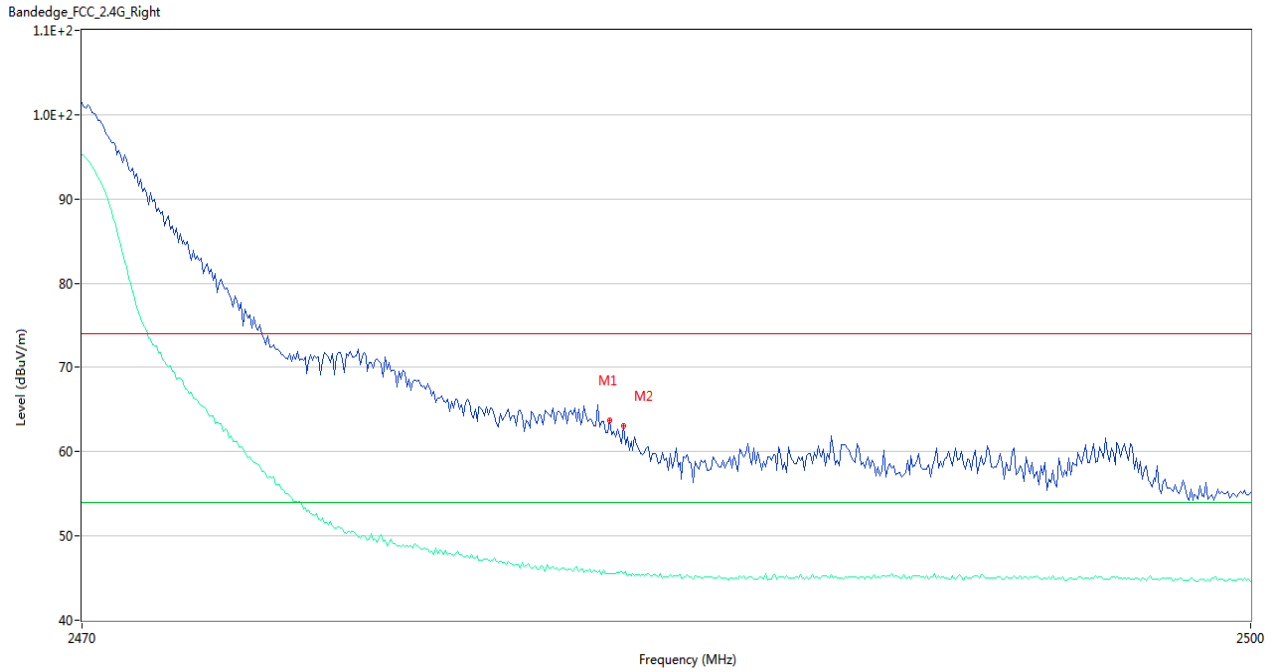
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.19	-0.36	74.0	-16.81	Peak	101.00	100	Horizontal	Pass
1**	2483.500	46.18	-0.36	54.0	-7.82	AV	101.00	100	Horizontal	Pass
2	2488.350	60.91	-0.24	74.0	-13.09	Peak	83.00	100	Horizontal	Pass
2**	2488.350	45.21	-0.24	54.0	-8.79	AV	83.00	100	Horizontal	Pass

802.11g LOW CHANNEL



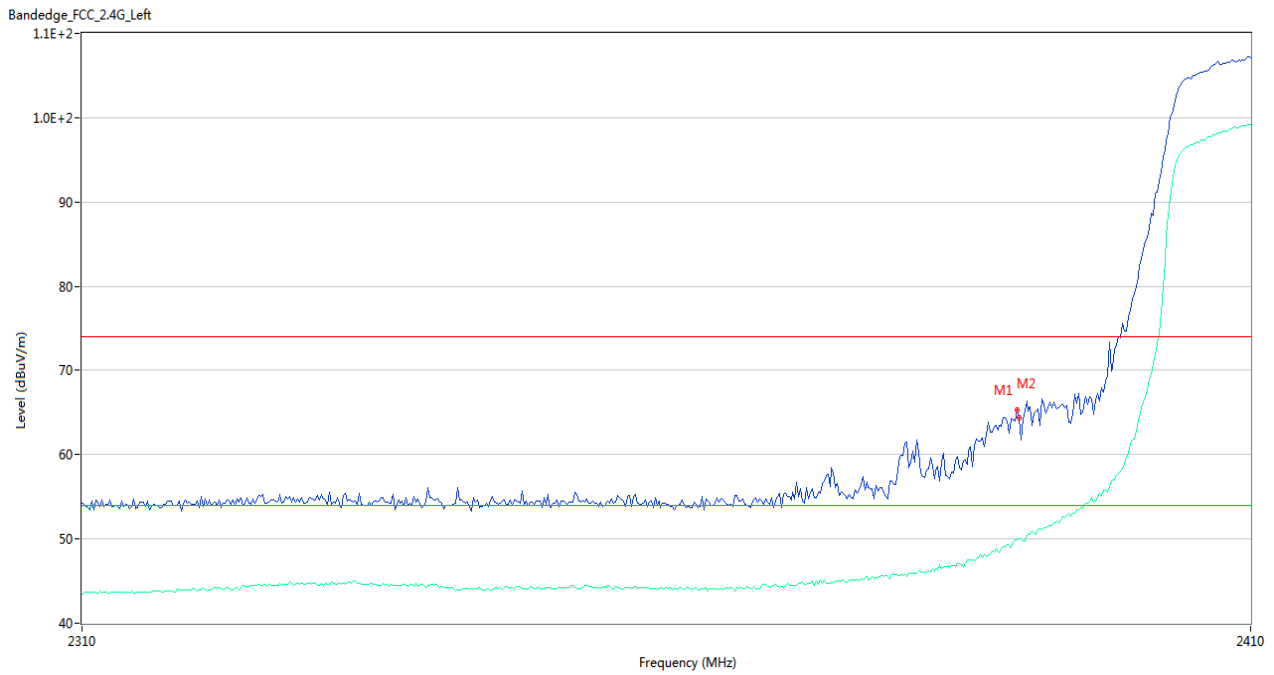
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.000	59.74	-0.56	74.0	-14.26	Peak	84.00	200	Horizontal	Pass
1**	2380.000	44.79	-0.56	54.0	-9.21	AV	84.00	200	Horizontal	Pass
2	2389.833	58.46	-0.50	74.0	-15.54	Peak	94.00	150	Horizontal	Pass
2**	2389.833	47.12	-0.50	54.0	-6.88	AV	94.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



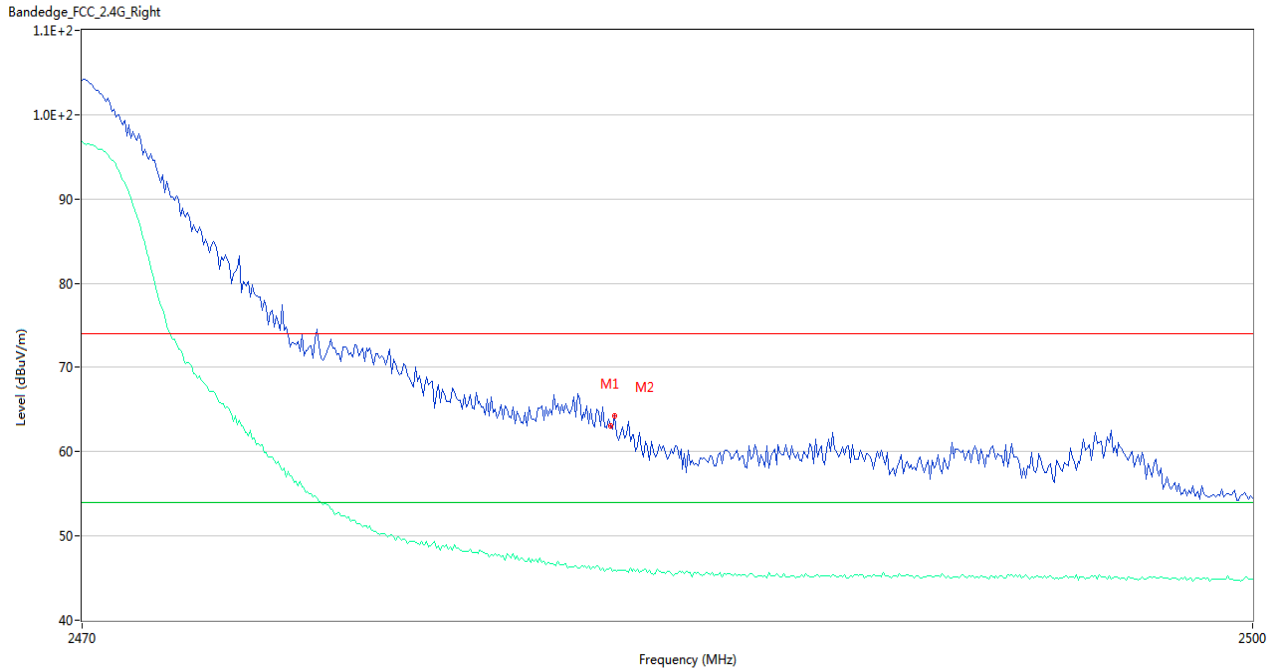
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.70	-0.36	74.0	-10.30	Peak	81.00	200	Horizontal	Pass
1**	2483.500	45.59	-0.36	54.0	-8.41	AV	81.00	200	Horizontal	Pass
2	2483.850	63.02	-0.35	74.0	-10.98	Peak	83.00	150	Horizontal	Pass
2**	2483.850	45.48	-0.35	54.0	-8.52	AV	83.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



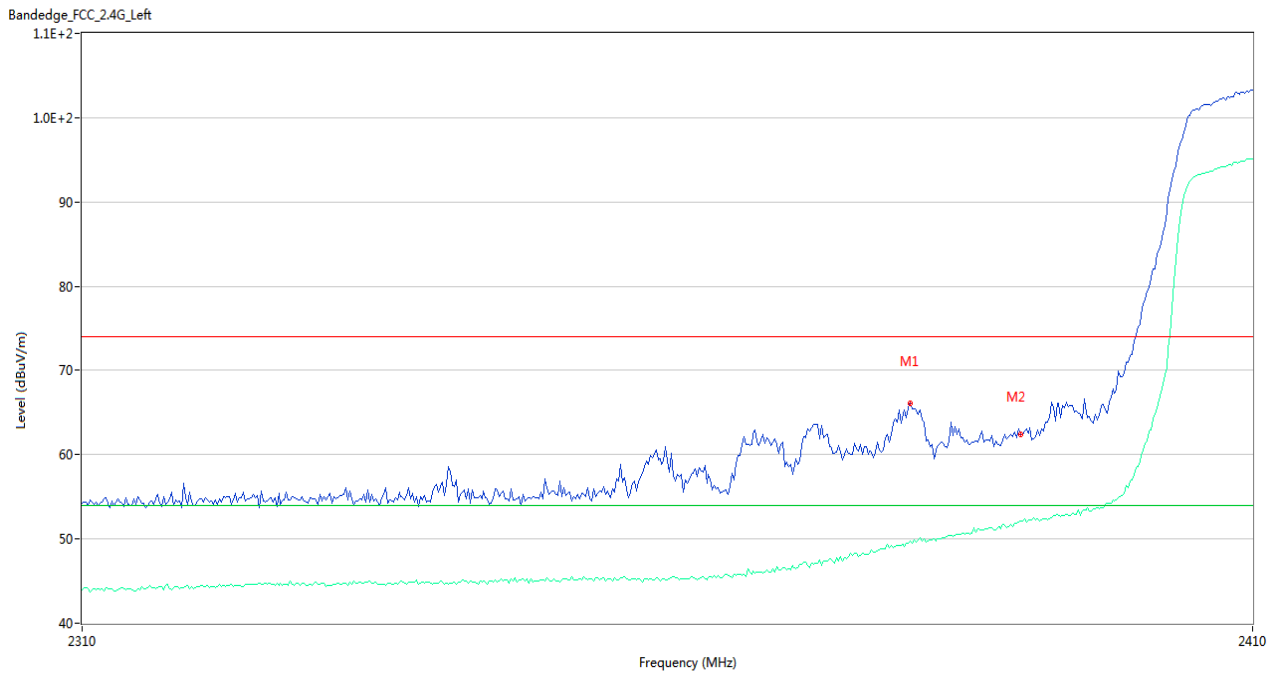
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	65.26	-0.49	74.0	-8.74	Peak	82.00	200	Horizontal	Pass
1**	2389.667	49.90	-0.49	54.0	-4.10	AV	82.00	200	Horizontal	Pass
2	2389.833	64.44	-0.50	74.0	-9.56	Peak	86.00	100	Horizontal	Pass
2**	2389.833	49.98	-0.50	54.0	-4.02	AV	86.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



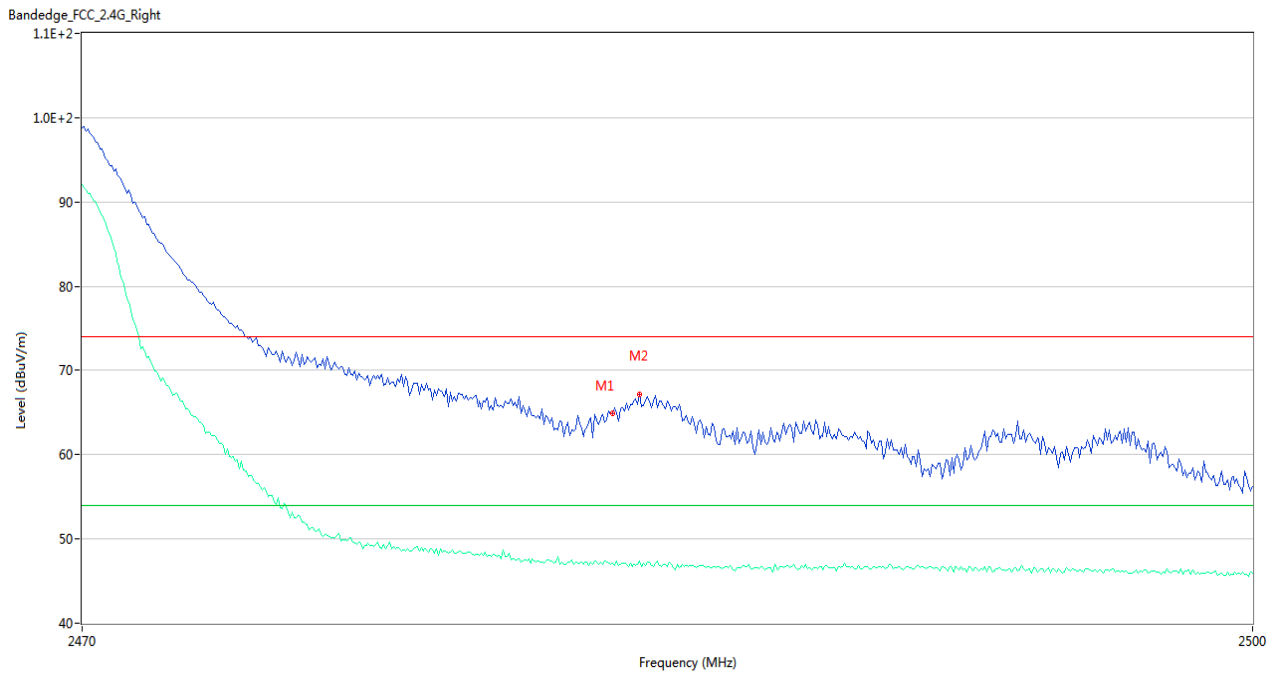
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.05	-0.36	74.0	-10.95	Peak	86.00	150	Horizontal	Pass
1**	2483.500	46.23	-0.36	54.0	-7.77	AV	86.00	150	Horizontal	Pass
2	2483.600	64.20	-0.36	74.0	-9.80	Peak	84.00	150	Horizontal	Pass
2**	2483.600	45.99	-0.36	54.0	-8.01	AV	84.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.333	66.10	-0.56	74.0	-7.90	Peak	92.00	150	Horizontal	Pass
1**	2380.333	49.80	-0.56	54.0	-4.20	AV	92.00	150	Horizontal	Pass
2	2389.833	62.36	-0.50	74.0	-11.64	Peak	94.00	100	Horizontal	Pass
2**	2389.833	52.13	-0.50	54.0	-1.87	AV	94.00	100	Horizontal	Pass

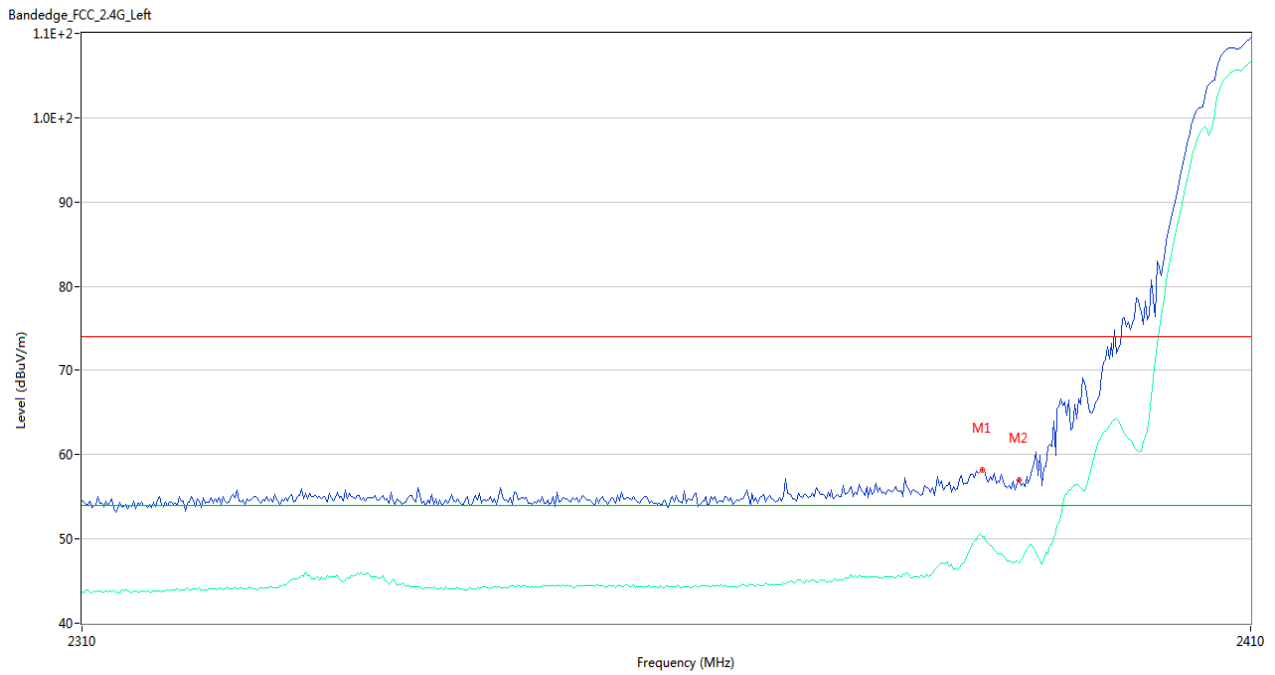
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	64.91	-0.36	74.0	-9.09	Peak	92.00	100	Horizontal	Pass
1**	2483.550	47.06	-0.36	54.0	-6.94	AV	92.00	100	Horizontal	Pass
2	2484.250	67.11	-0.34	74.0	-6.89	Peak	83.00	200	Horizontal	Pass
2**	2484.250	47.44	-0.34	54.0	-6.56	AV	83.00	200	Horizontal	Pass

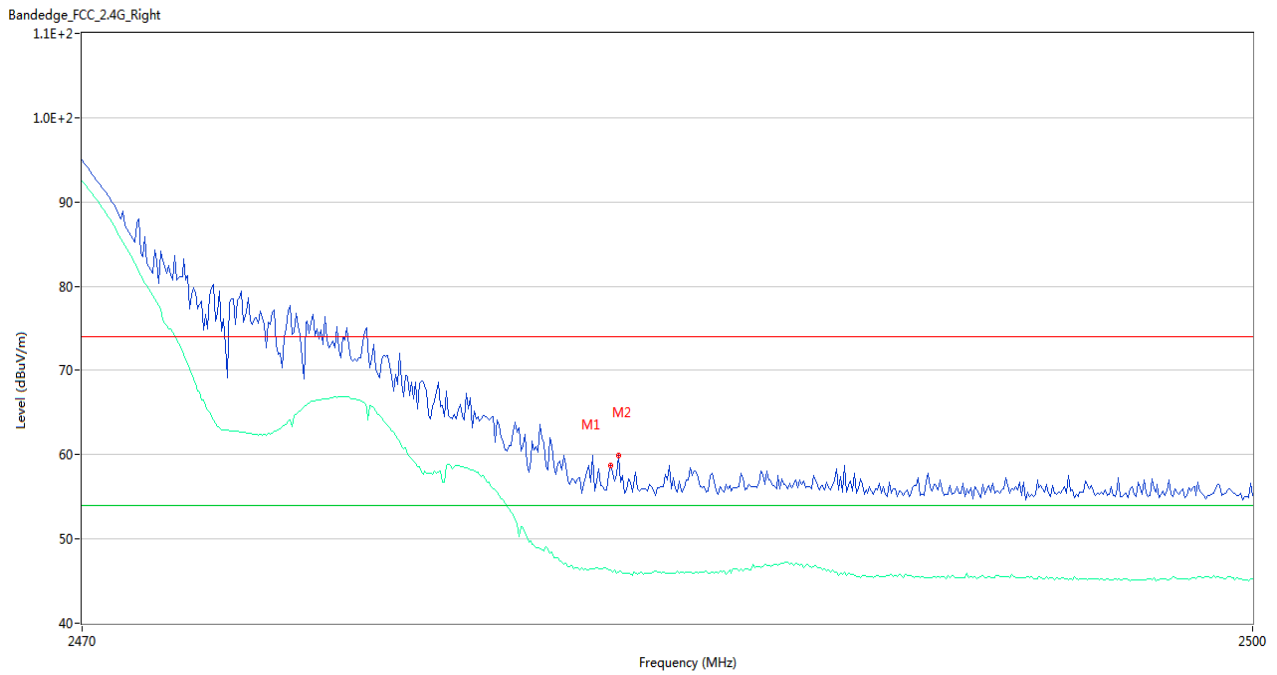
Aux. Antenna

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	2386.667	58.21	-0.55	74.0	-15.79	Peak	119.00	150	Horizontal	Pass
1**	2386.667	50.25	-0.55	54.0	-3.75	AV	119.00	150	Horizontal	Pass
2	2389.833	57.07	-0.50	74.0	-16.93	Peak	181.00	200	Horizontal	Pass
2**	2389.833	47.16	-0.50	54.0	-6.84	AV	181.00	200	Horizontal	Pass

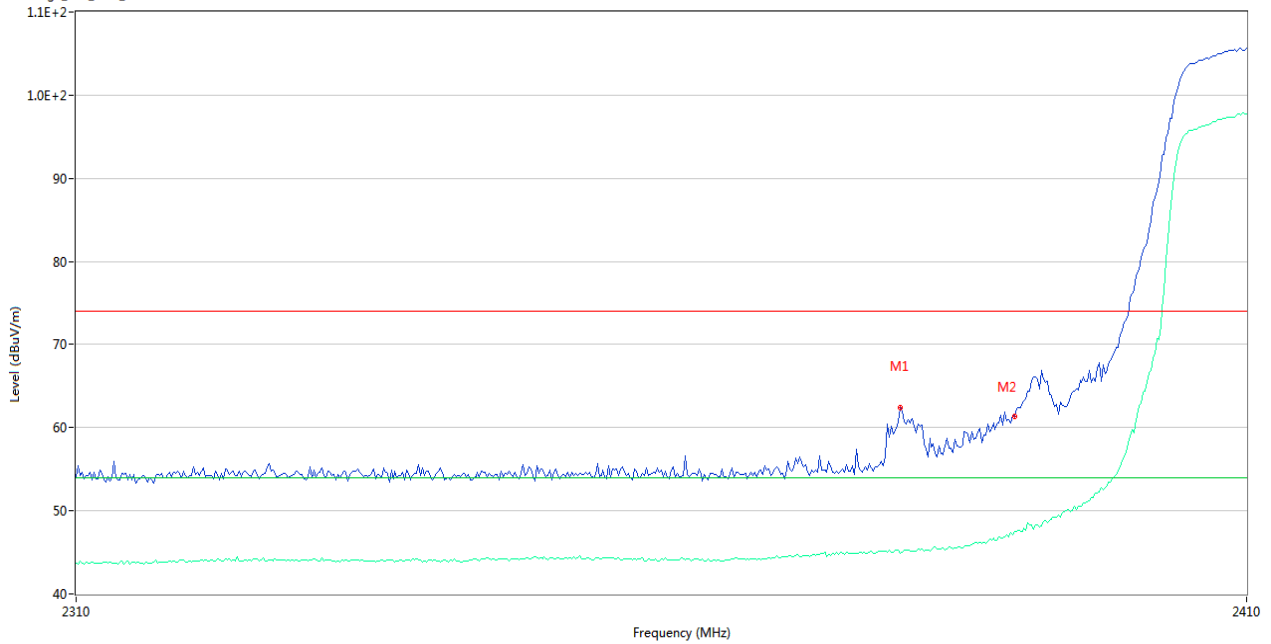
802.11b HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.72	-0.36	74.0	-15.28	Peak	79.00	100	Horizontal	Pass
1**	2483.500	46.29	-0.36	54.0	-7.71	AV	79.00	100	Horizontal	Pass
2	2483.700	59.91	-0.35	74.0	-14.09	Peak	94.00	150	Horizontal	Pass
2**	2483.700	46.03	-0.35	54.0	-7.97	AV	94.00	150	Horizontal	Pass

802.11g LOW CHANNEL

Bandedge_FCC_2.4G_Left



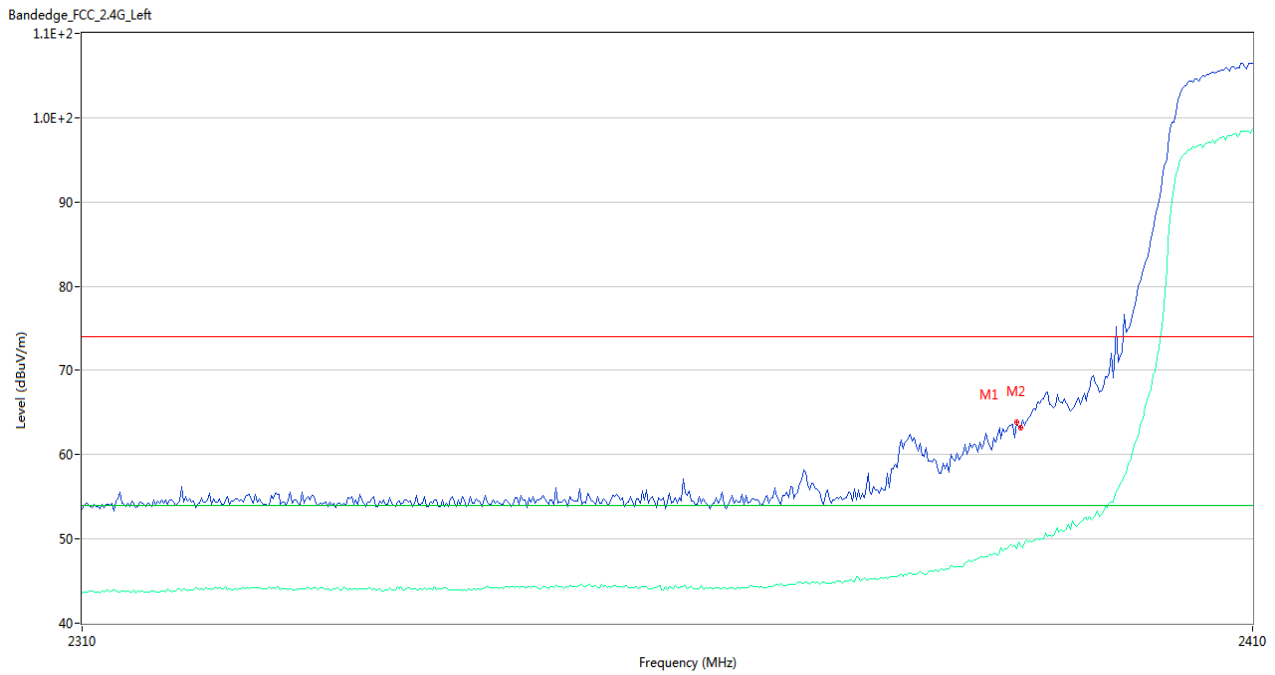
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.000	62.42	-0.56	74.0	-11.58	Peak	121.00	100	Horizontal	Pass
1**	2380.000	44.93	-0.56	54.0	-9.07	AV	121.00	100	Horizontal	Pass
2	2389.833	61.31	-0.50	74.0	-12.69	Peak	97.00	100	Horizontal	Pass
2**	2389.833	47.57	-0.50	54.0	-6.43	AV	97.00	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	2483.550	62.91	-0.36	74.0	-11.09	Peak	126.00	200	Horizontal	Pass
1**	2483.550	45.93	-0.36	54.0	-8.07	AV	126.00	200	Horizontal	Pass
2	2483.900	64.61	-0.35	74.0	-9.39	Peak	126.00	150	Horizontal	Pass
2**	2483.900	45.93	-0.35	54.0	-8.07	AV	126.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



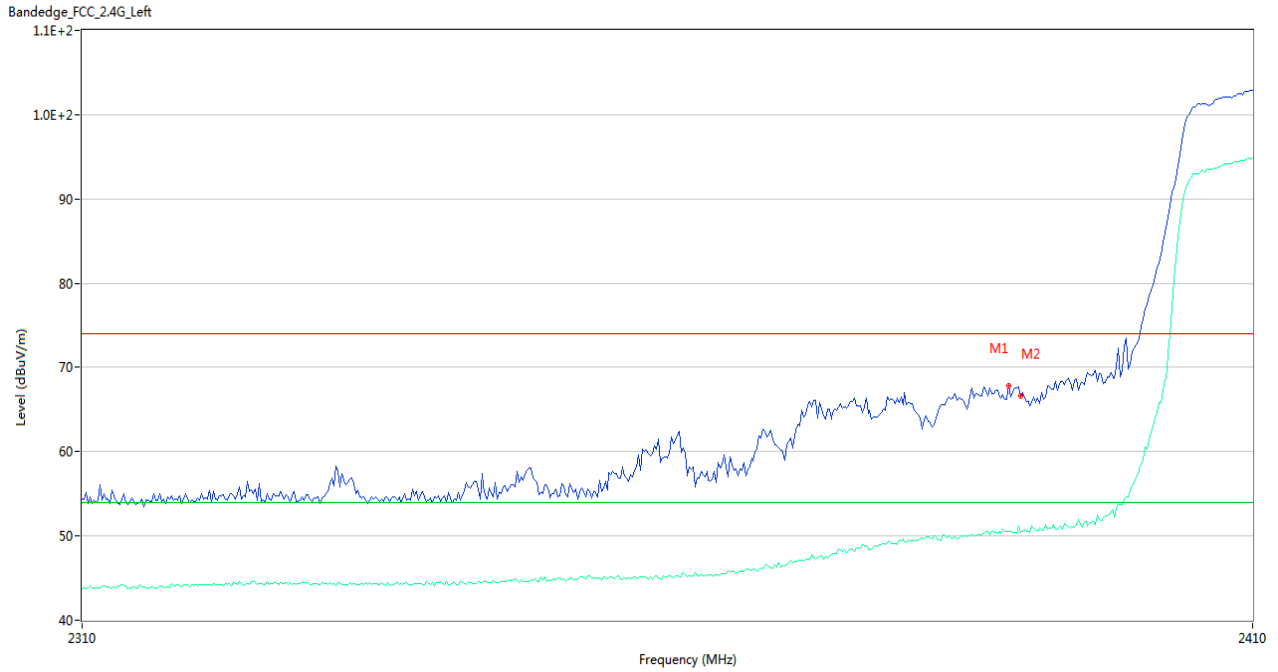
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	63.83	-0.49	74.0	-10.17	Peak	135.00	100	Horizontal	Pass
1**	2389.500	48.83	-0.49	54.0	-5.17	AV	135.00	100	Horizontal	Pass
2	2389.833	63.21	-0.50	74.0	-10.79	Peak	140.00	150	Horizontal	Pass
2**	2389.833	49.22	-0.50	54.0	-4.78	AV	140.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



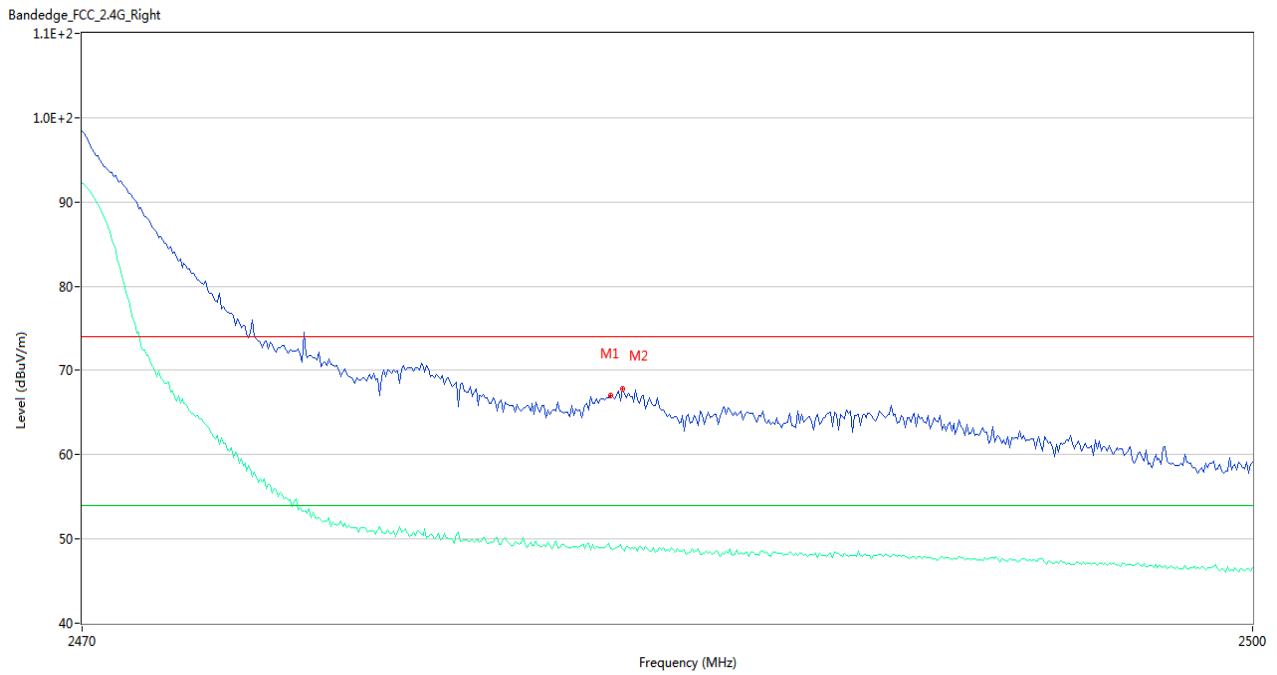
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.55	-0.36	74.0	-9.45	Peak	121.00	200	Horizontal	Pass
1**	2483.500	47.43	-0.36	54.0	-6.57	AV	121.00	200	Horizontal	Pass
2	2483.650	65.81	-0.35	74.0	-8.19	Peak	119.00	150	Horizontal	Pass
2**	2483.650	47.37	-0.35	54.0	-6.63	AV	119.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.833	67.76	-0.49	74.0	-6.24	Peak	130.00	200	Horizontal	Pass
1**	2388.833	50.60	-0.49	54.0	-3.40	AV	130.00	200	Horizontal	Pass
2	2389.833	66.63	-0.50	74.0	-7.37	Peak	327.00	150	Horizontal	Pass
2**	2389.833	50.43	-0.50	54.0	-3.57	AV	327.00	150	Horizontal	Pass

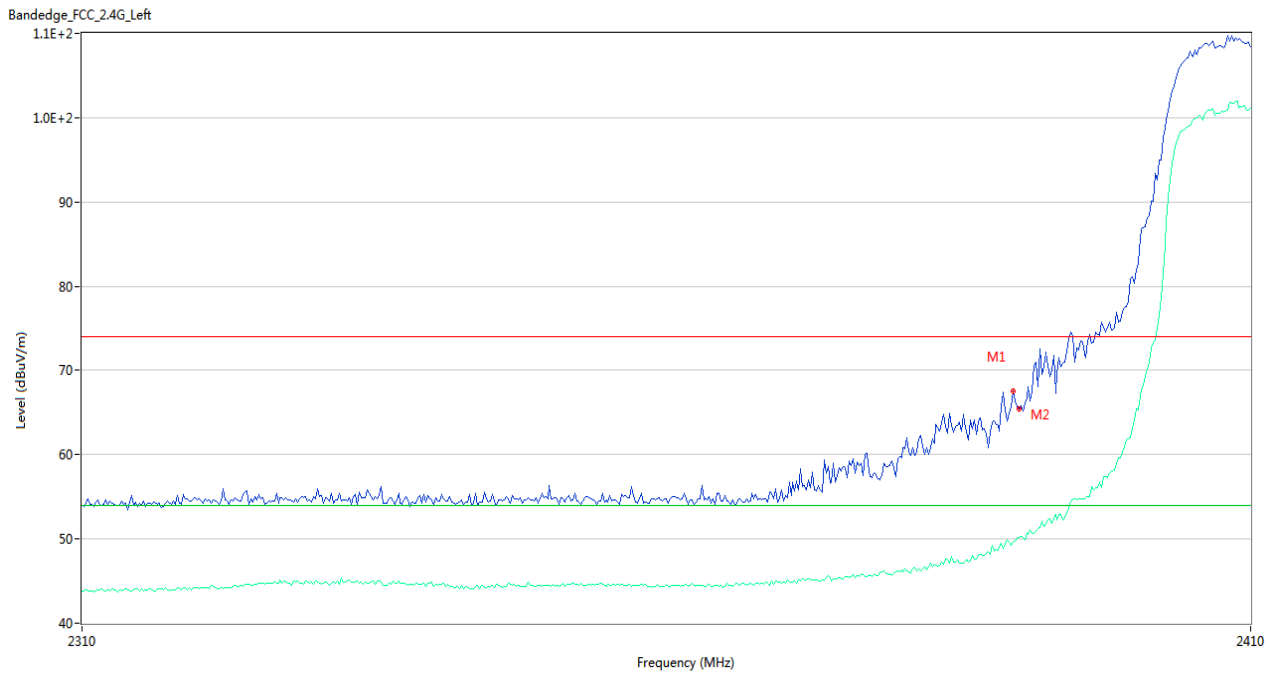
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.03	-0.36	74.0	-6.97	Peak	124.00	150	Horizontal	Pass
1**	2483.500	48.85	-0.36	54.0	-5.15	AV	124.00	150	Horizontal	Pass
2	2483.800	67.80	-0.35	74.0	-6.20	Peak	126.00	150	Horizontal	Pass
2**	2483.800	48.81	-0.35	54.0	-5.19	AV	126.00	150	Horizontal	Pass

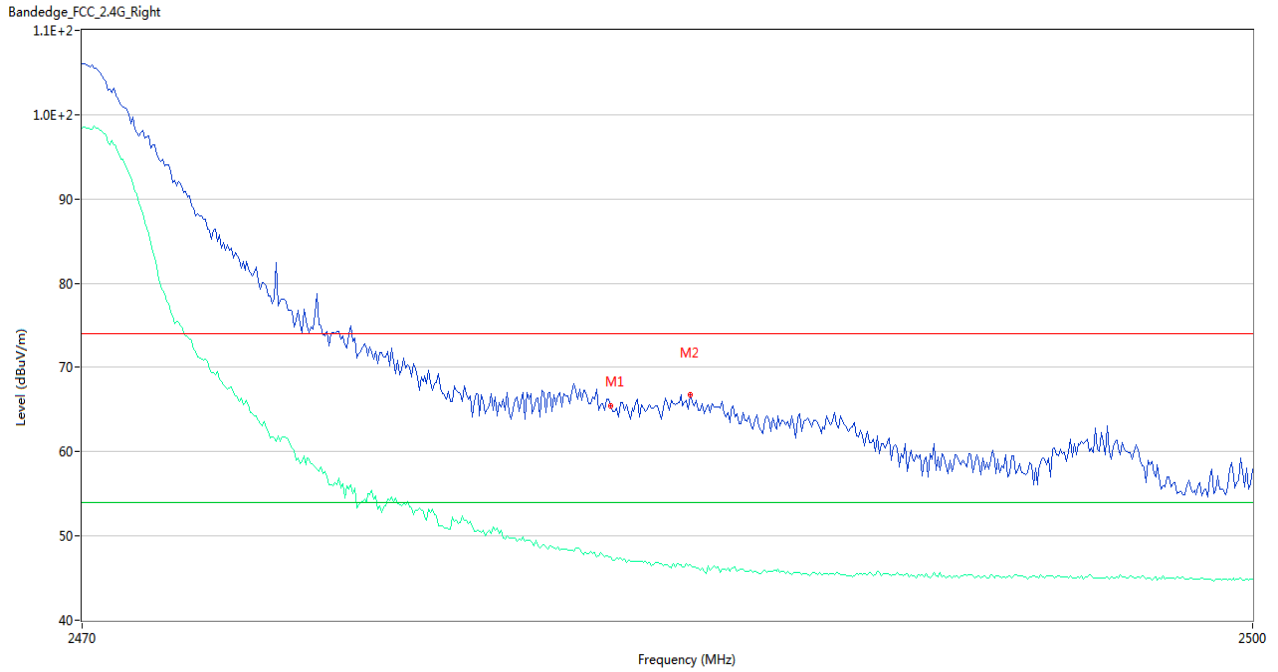
MIMO

802.11n20 LOW CHANNEL



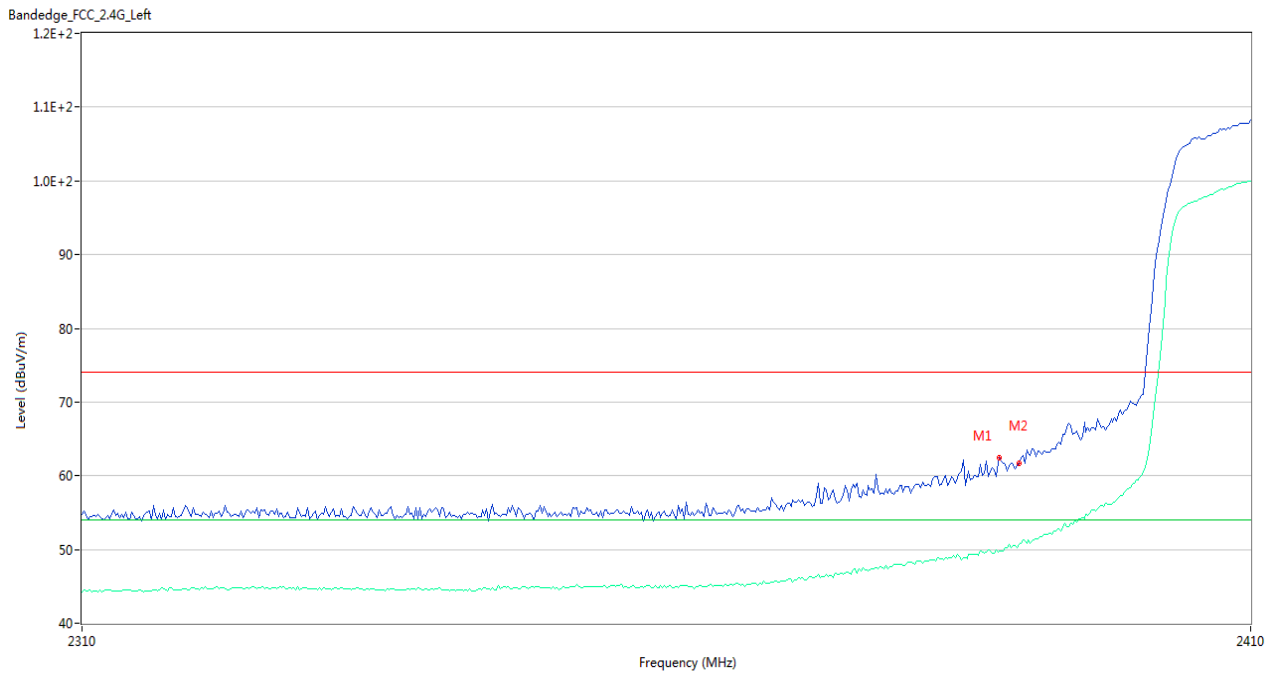
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.333	67.54	-0.49	74.0	-6.46	Peak	325.00	150	Horizontal	Pass
1**	2389.333	49.57	-0.49	54.0	-4.43	AV	325.00	150	Horizontal	Pass
2	2389.833	65.45	-0.50	74.0	-8.55	Peak	325.00	150	Horizontal	Pass
2**	2389.833	50.09	-0.50	54.0	-3.91	AV	325.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.50	-0.36	74.0	-8.50	Peak	88.00	100	Horizontal	Pass
1**	2483.500	47.54	-0.36	54.0	-6.46	AV	88.00	100	Horizontal	Pass
2	2485.550	66.80	-0.35	74.0	-7.20	Peak	127.00	200	Horizontal	Pass
2**	2485.550	46.53	-0.35	54.0	-7.47	AV	127.00	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	2388.167	62.41	-0.50	74.0	-11.59	Peak	309.00	100	Horizontal	Pass
1**	2388.167	49.78	-0.50	54.0	-4.22	AV	309.00	100	Horizontal	Pass
2	2389.833	61.76	-0.50	74.0	-12.24	Peak	353.00	100	Horizontal	Pass
2**	2389.833	50.66	-0.50	54.0	-3.34	AV	353.00	100	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	63.35	-0.36	74.0	-10.65	Peak	326.00	150	Horizontal	Pass
1**	2483.500	51.27	-0.36	54.0	-2.73	AV	326.00	150	Horizontal	Pass
2	2483.600	64.39	-0.36	74.0	-9.61	Peak	310.00	150	Horizontal	Pass
2**	2483.600	51.51	-0.36	54.0	-2.49	AV	310.00	150	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	-17.64	8
Middle	-17.59	8
High	-17.69	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.92	8
Middle	-20.85	8
High	-20.67	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.66	8
Middle	-20.64	8
High	-20.69	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.19	8
Middle	-24.41	8
High	-24.15	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.93	8
Middle	-17.60	8
High	-17.83	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.66	8
Middle	-20.94	8
High	-20.66	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.91	8
Middle	-20.85	8
High	-20.77	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.12	8
Middle	-24.44	8
High	-24.50	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.56	8
Middle	-23.78	8
High	-24.08	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-27.45	8
Middle	-27.56	8
High	-27.61	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.24	8
Middle	-24.16	8
High	-24.48	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-28.02	8
Middle	-27.53	8
High	-27.90	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.39	8
Middle	-20.95	8
High	-21.26	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.71	8
Middle	-24.53	8
High	-24.74	8