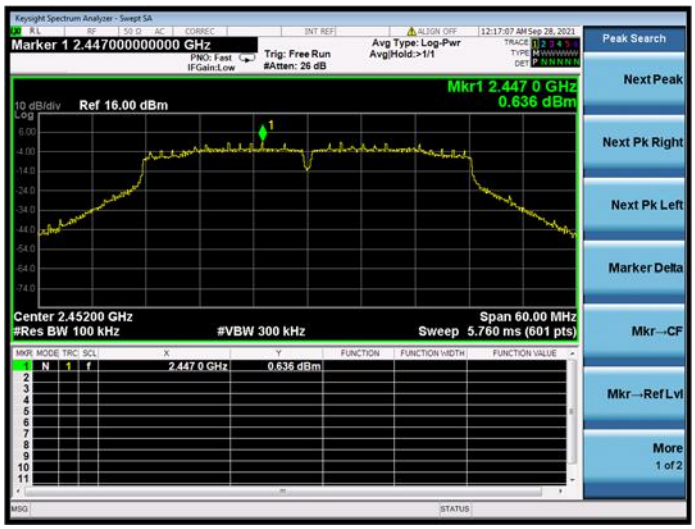
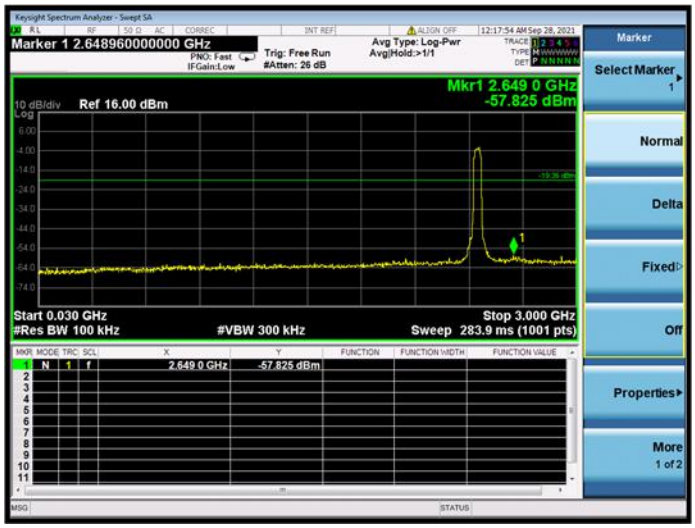
802.11n-40 HIGH CHANNEL CARRIER LEVEL



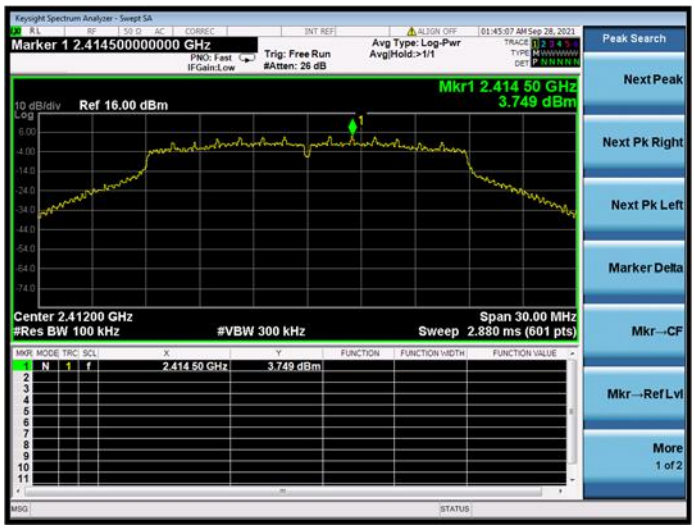
802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



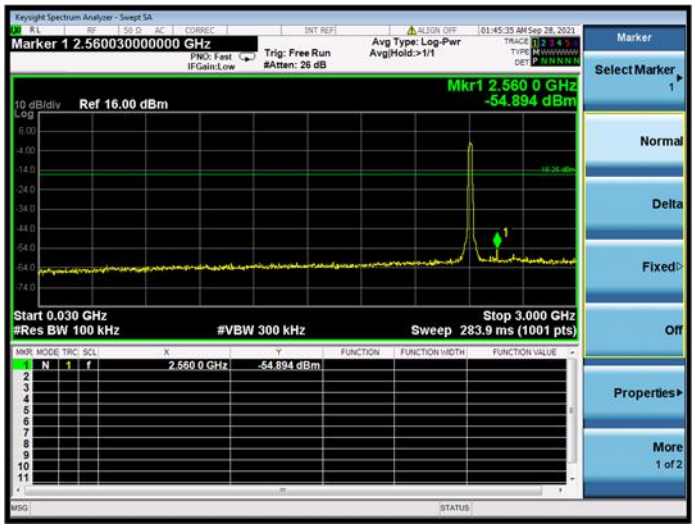
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

MIMO-Aux. Antenna

802.11n-20 LOW CHANNEL CARRIER LEVEL

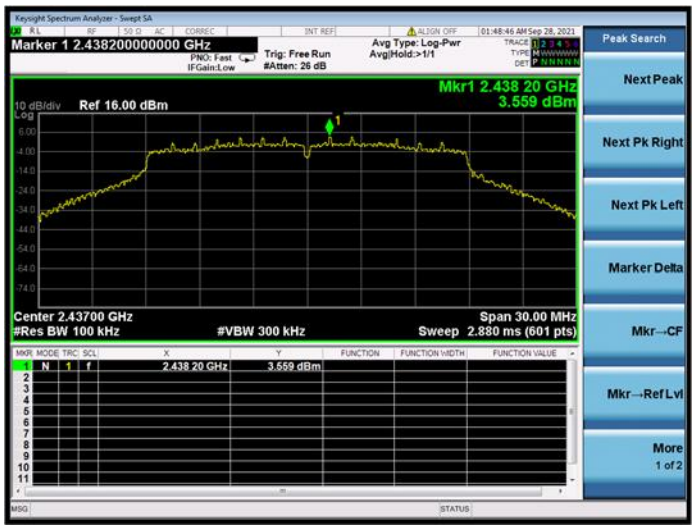


802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

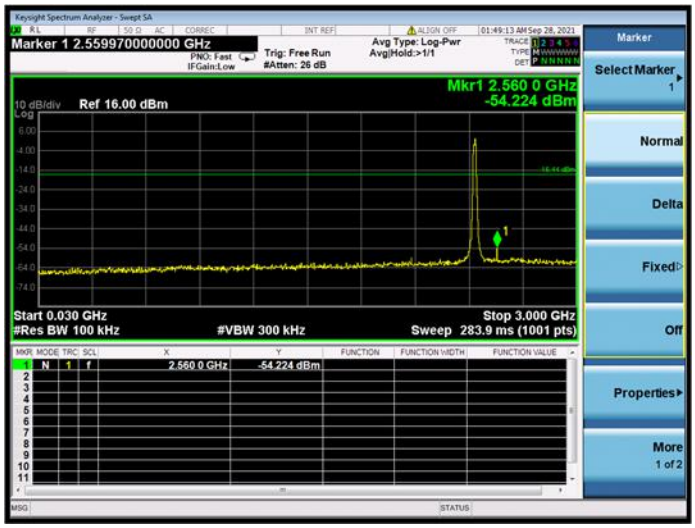


802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-20 MIDDLE CHANNEL CARRIER LEVEL

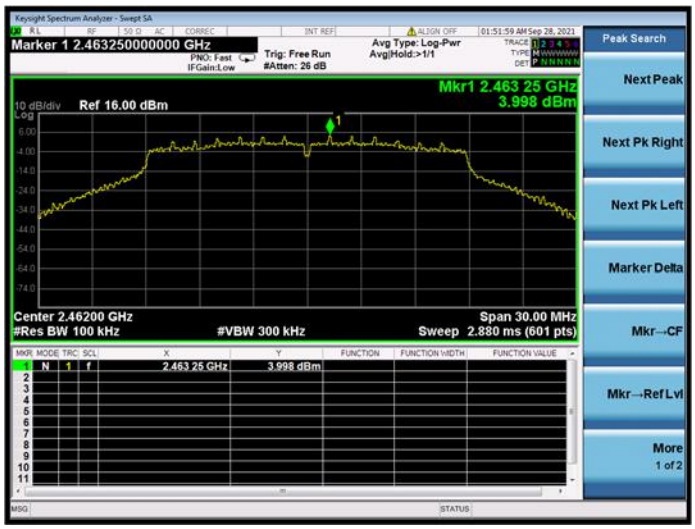


802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

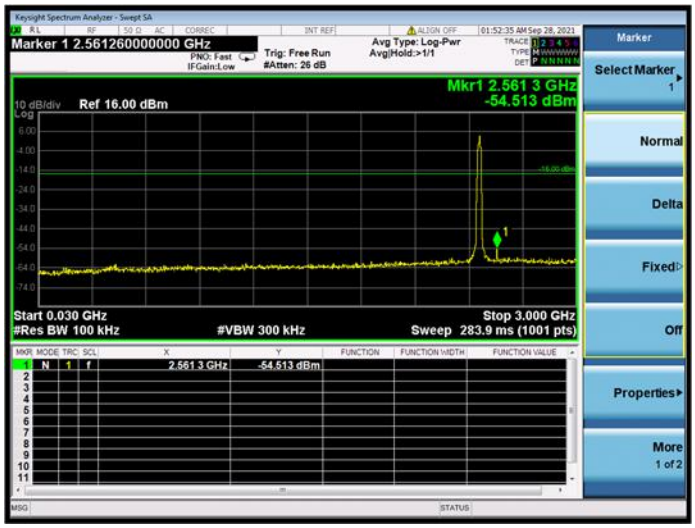


802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-20 HIGH CHANNEL CARRIER LEVEL

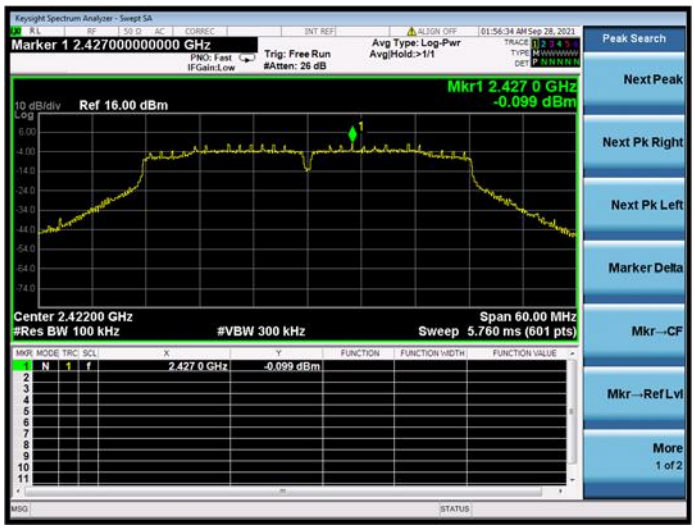


802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

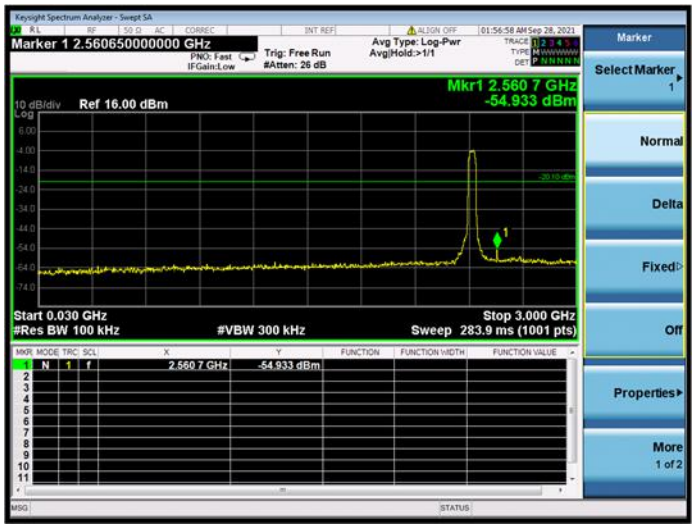


802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 LOW CHANNEL CARRIER LEVEL

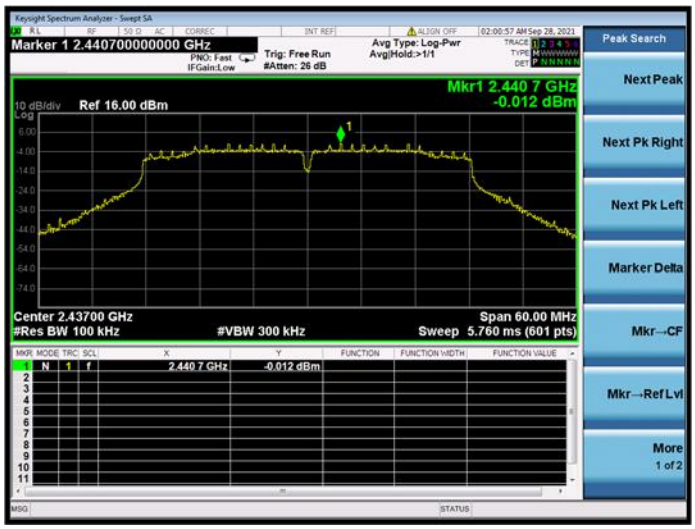


802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

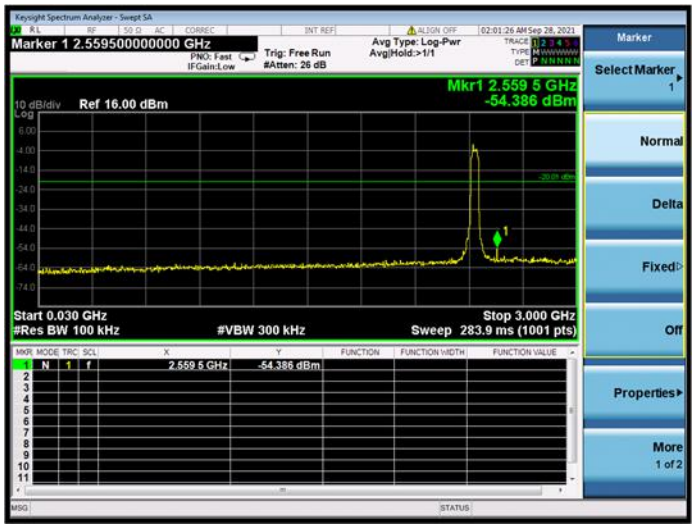


802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 MIDDLE CHANNEL CARRIER LEVEL

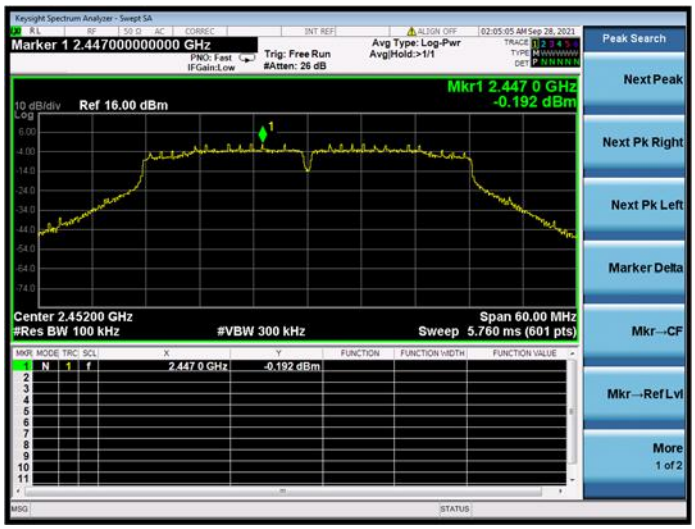


802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

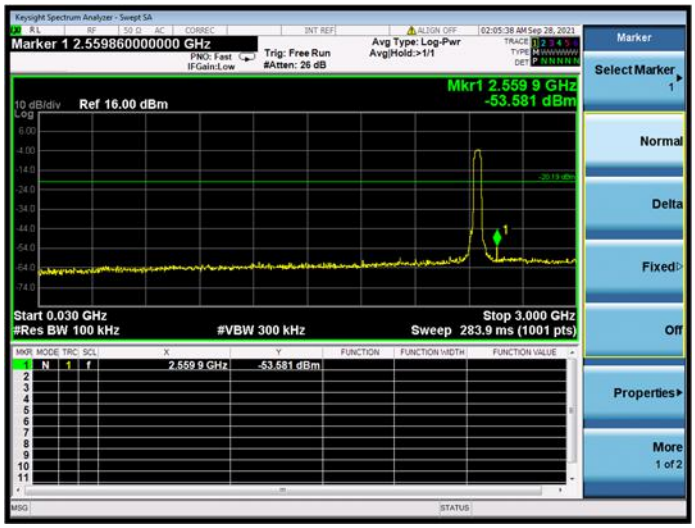


802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

802.11n-40 HIGH CHANNEL CARRIER LEVEL



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



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

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

Note: 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	-56.09	5.37	-14.63	Pass
High Channel	-56.92	5.25	-14.75	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.26	3.97	-16.03	Pass
High Channel	-54.35	4.17	-15.83	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.72	3.69	-16.32	Pass
High Channel	-53.20	4.28	-15.72	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-30.94	0.57	-19.43	Pass
High Channel	-49.01	0.88	-19.12	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-52.50	4.86	-15.14	Pass
High Channel	-56.94	5.09	-14.91	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.14	3.96	-16.04	Pass
High Channel	-54.14	4.16	-15.84	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.59	3.92	-16.08	Pass
High Channel	-54.46	3.01	-16.99	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.04	0.50	-19.50	Pass
High Channel	-50.23	0.27	-19.73	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	-28.84	3.43	-16.57	Pass
High Channel	-53.92	4.14	-15.86	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.06	0.43	-19.57	Pass
High Channel	-49.50	0.64	-19.36	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	-28.57	3.75	-16.25	Pass
High Channel	-53.63	4.00	-16.00	Pass

802.11n-40 MHz Mode:

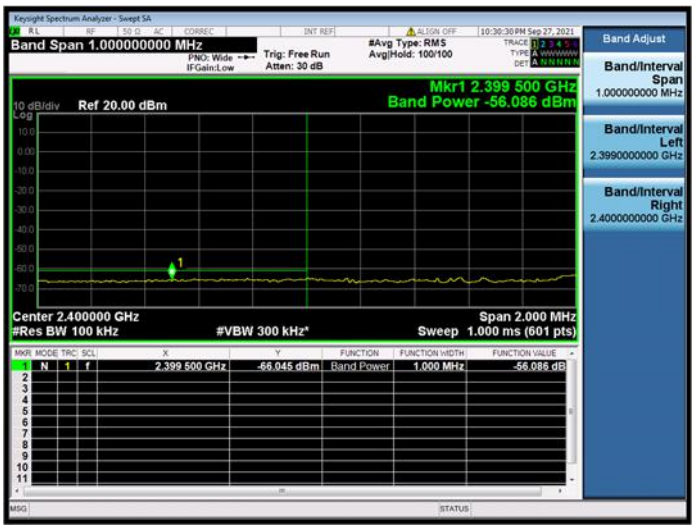
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.73	-0.10	-20.10	Pass
High Channel	-50.66	-0.19	-20.19	Pass

Test Plots

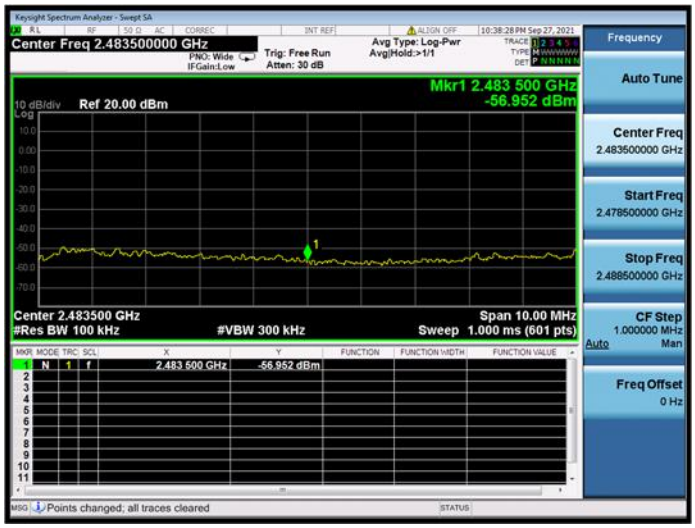
Main Antenna

802.11b LOW CHANNEL, Carrier level

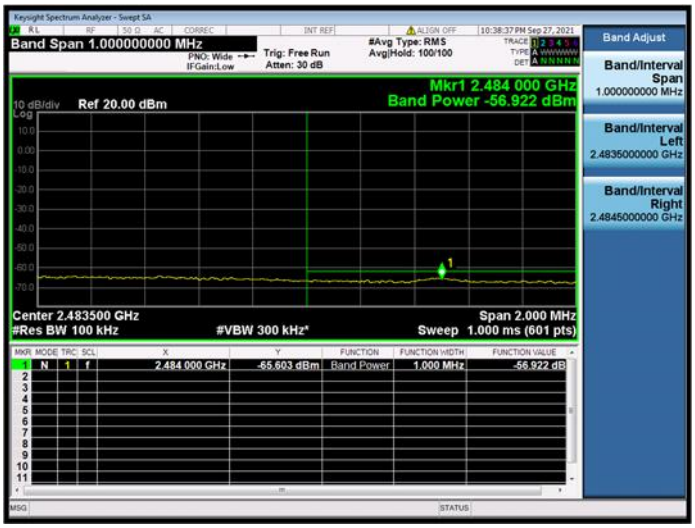
802.11b LOW CHANNEL, Reference level



802.11b HIGH CHANNEL, Carrier level

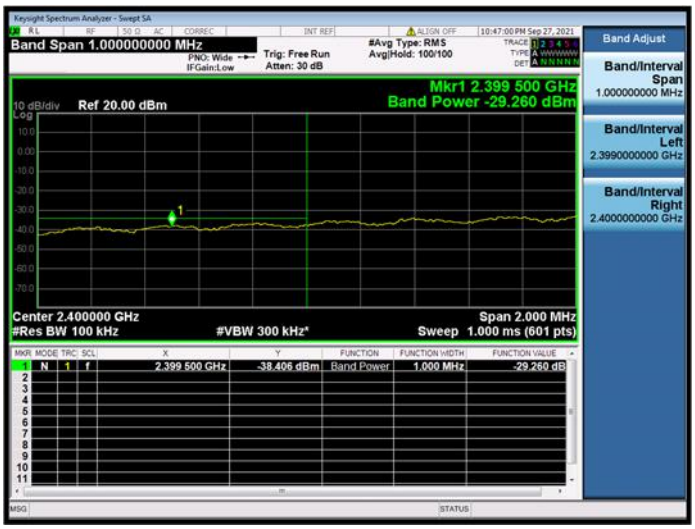


802.11b HIGH CHANNEL, Reference level

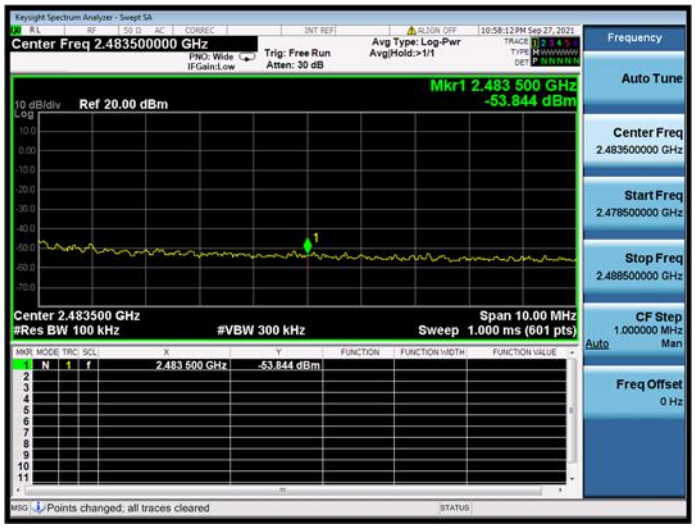


802.11g LOW CHANNEL, Carrier level

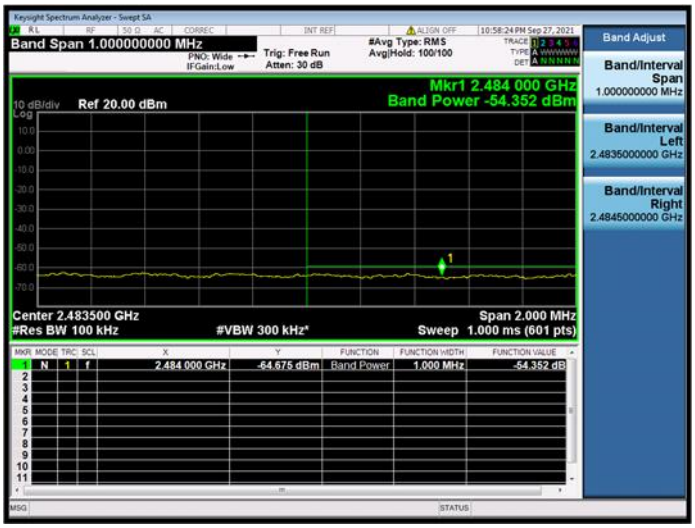
802.11g LOW CHANNEL, Reference level



802.11g HIGH CHANNEL, Carrier level

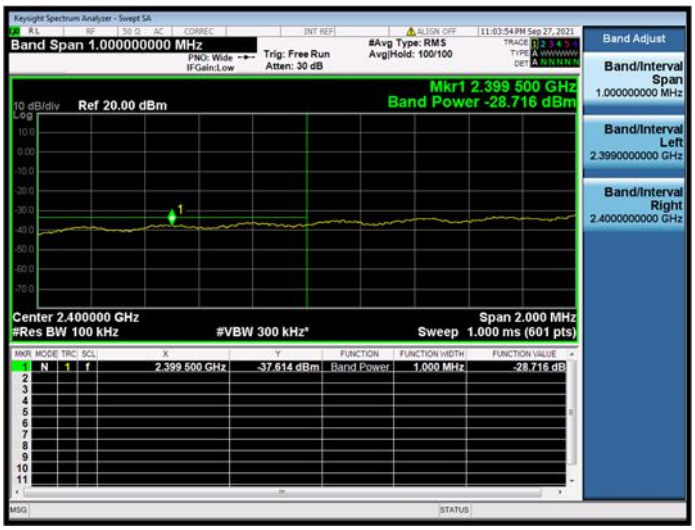


802.11g HIGH CHANNEL, Reference level

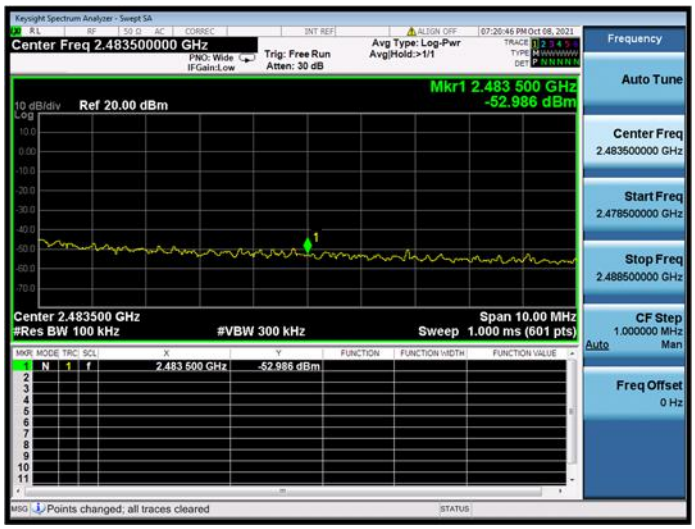


802.11n-20 MHz LOW CHANNEL, Carrier level

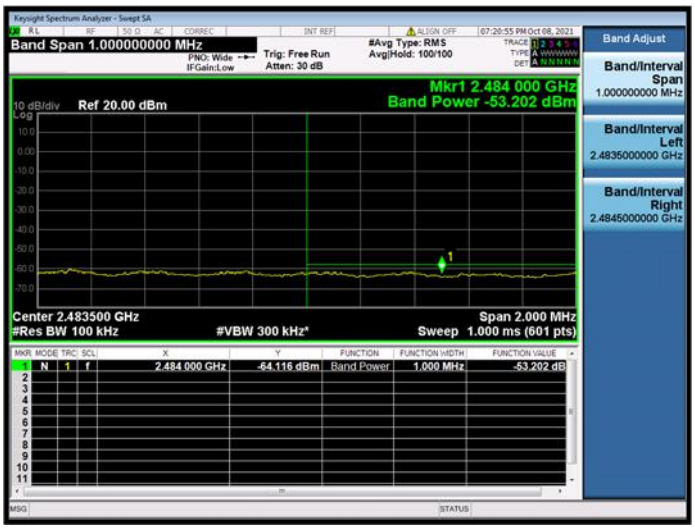
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

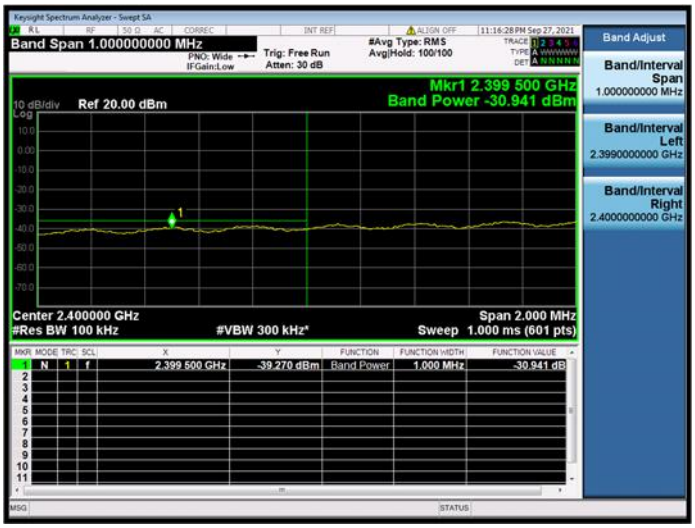


802.11n-20 MHz HIGH CHANNEL, Reference level

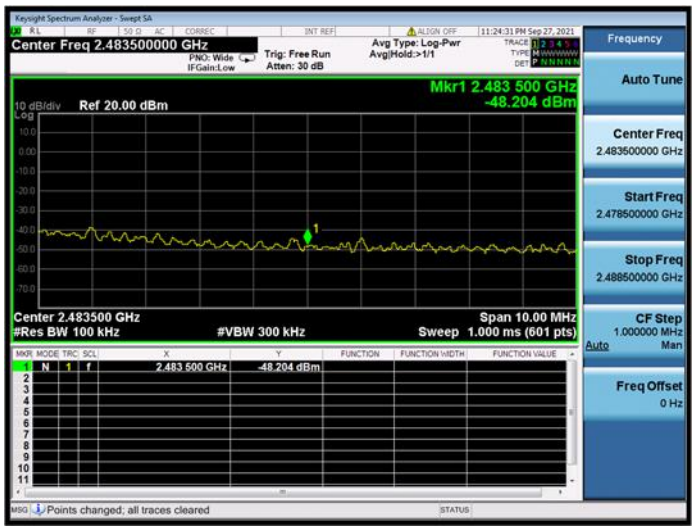


802.11n-40 MHz LOW CHANNEL, Carrier level

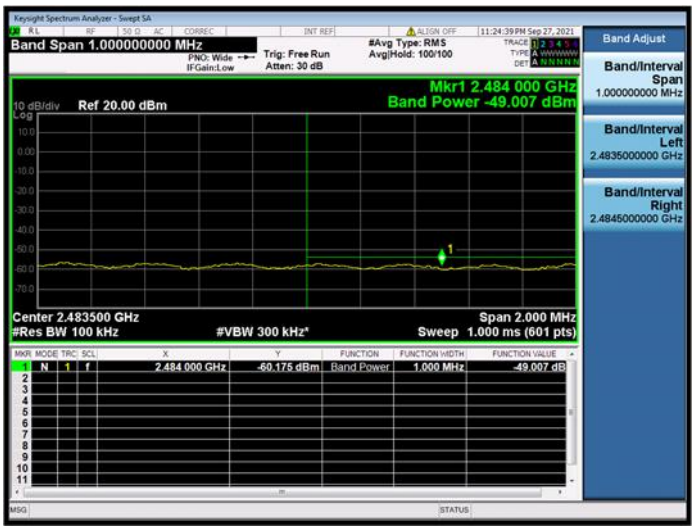
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



802.11n-40 MHz HIGH CHANNEL, Reference level

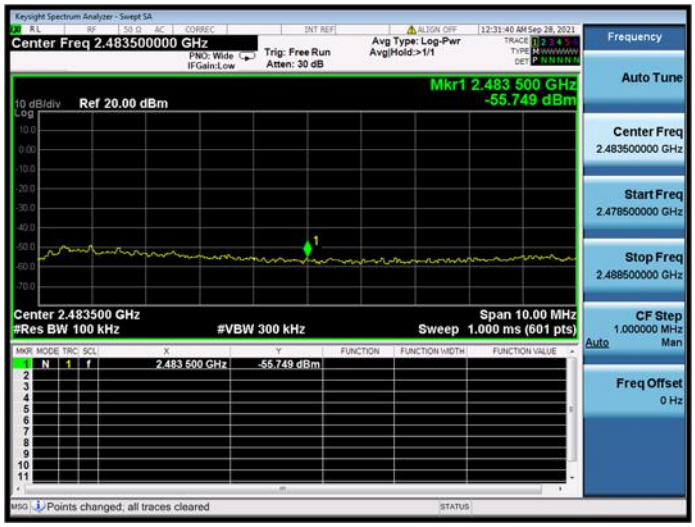


Aux. Antenna

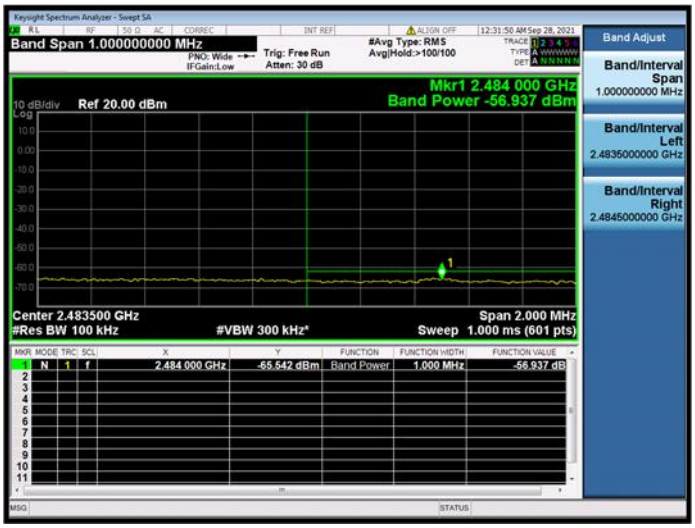
802.11b LOW CHANNEL, Carrier level

802.11b LOW CHANNEL, Reference level

802.11b HIGH CHANNEL, Carrier level

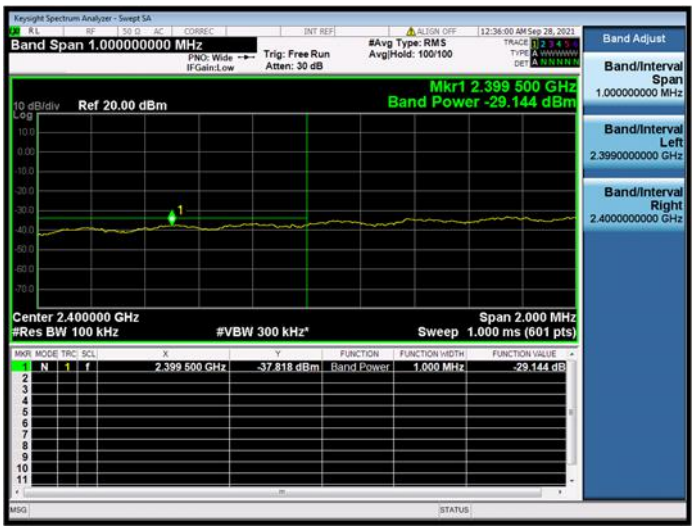


802.11b HIGH CHANNEL, Reference level

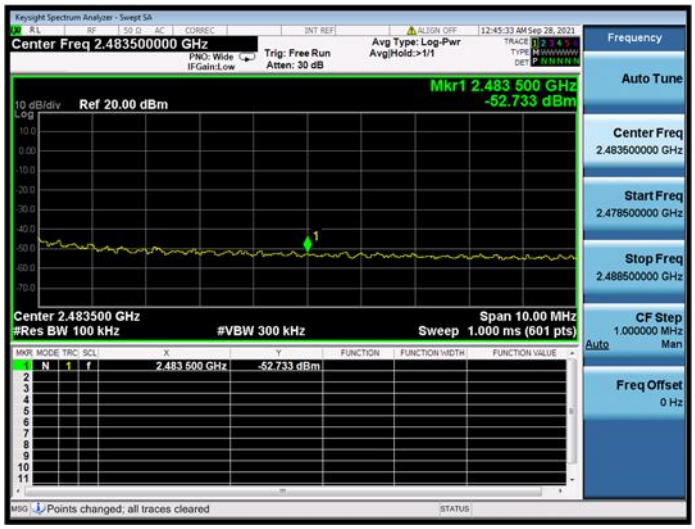


802.11g LOW CHANNEL, Carrier level

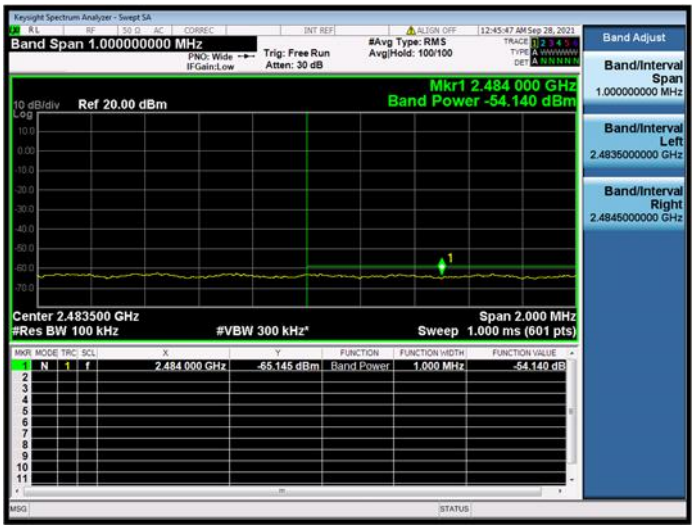
802.11g LOW CHANNEL, Reference level



802.11g HIGH CHANNEL, Carrier level

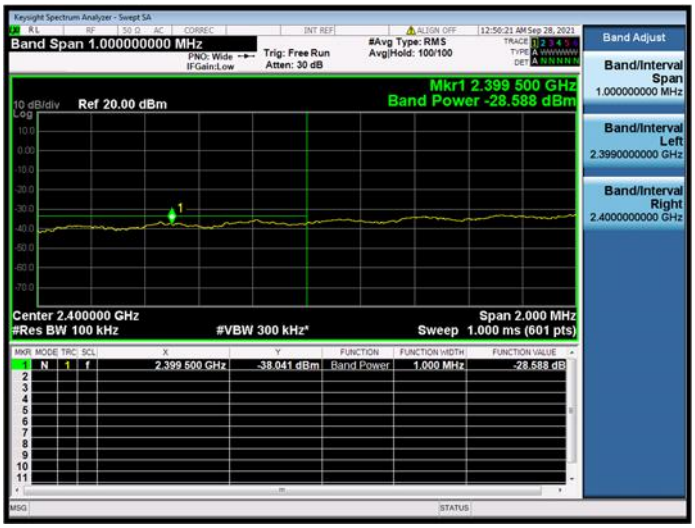


802.11g HIGH CHANNEL, Reference level

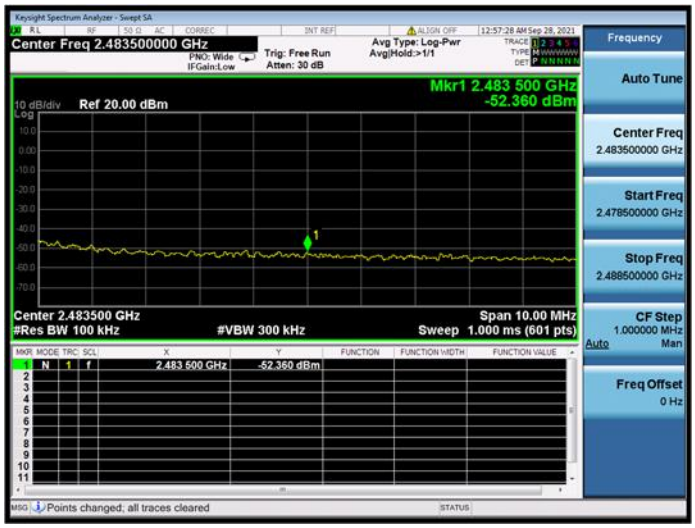


802.11n-20 MHz LOW CHANNEL, Carrier level

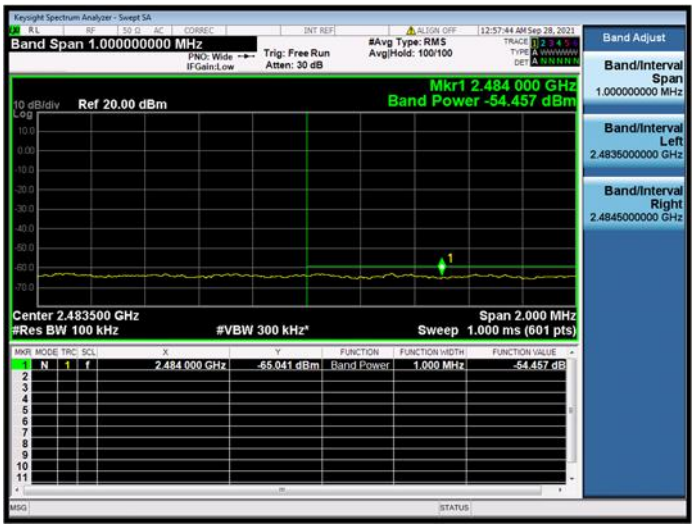
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

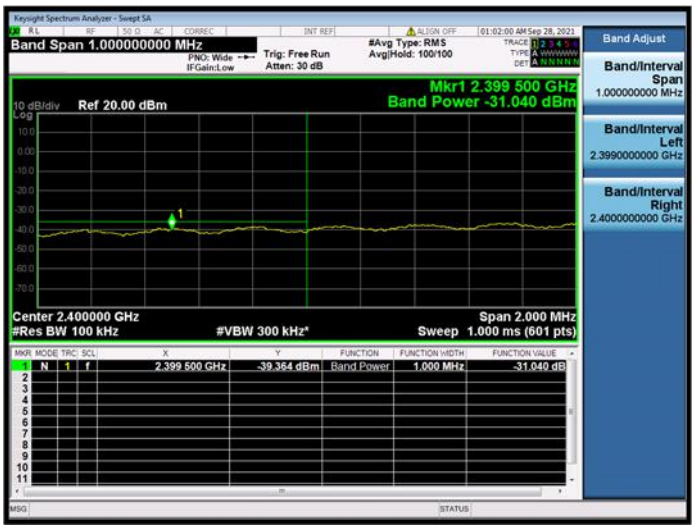


802.11n-20 MHz HIGH CHANNEL, Reference level

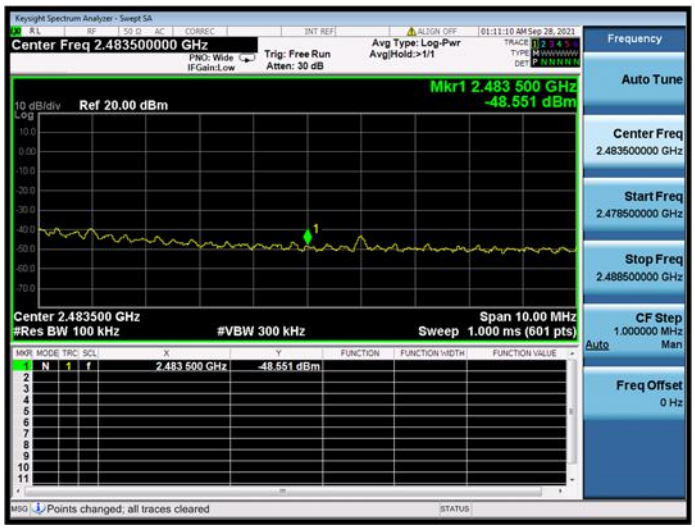


802.11n-40 MHz LOW CHANNEL, Carrier level

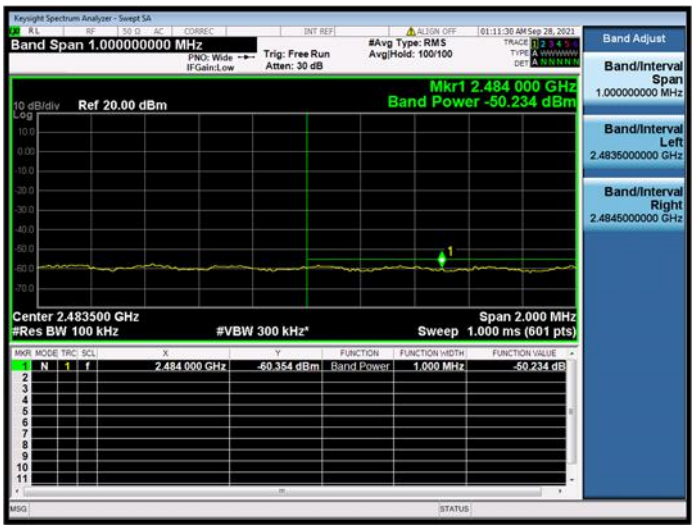
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



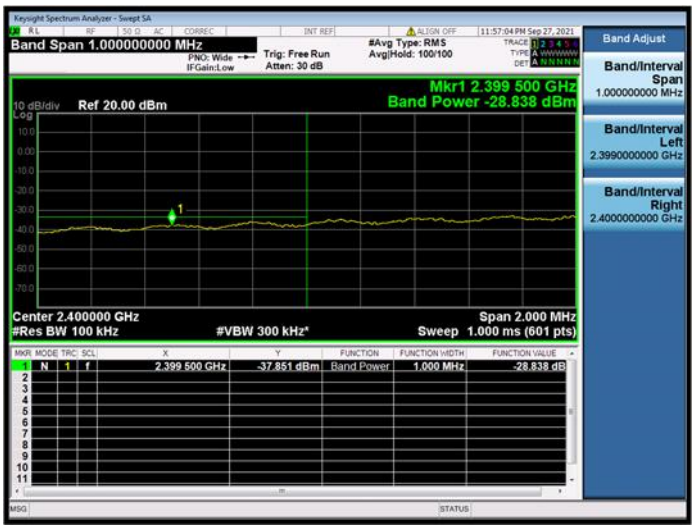
802.11n-40 MHz HIGH CHANNEL, Reference level



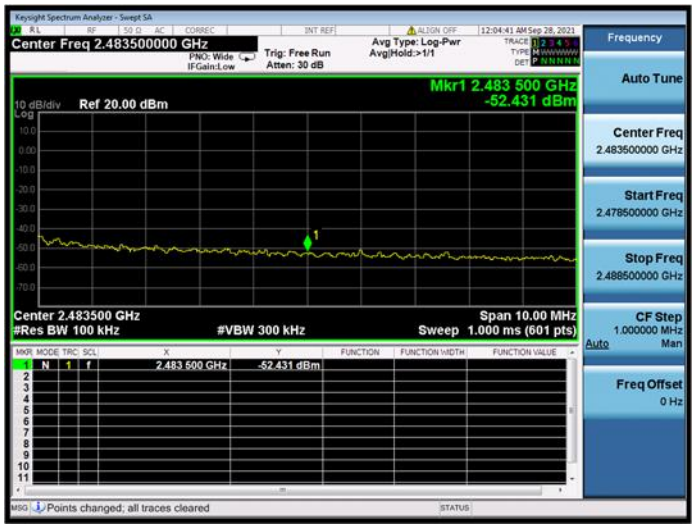
MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL, Carrier level

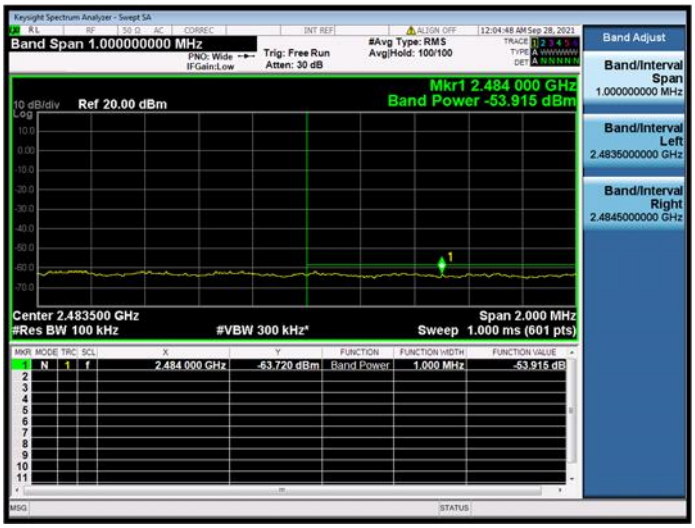
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

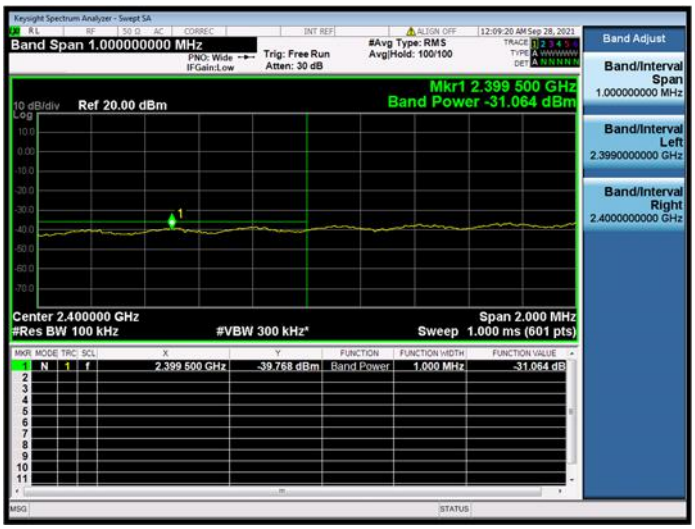


802.11n-20 MHz HIGH CHANNEL, Reference level

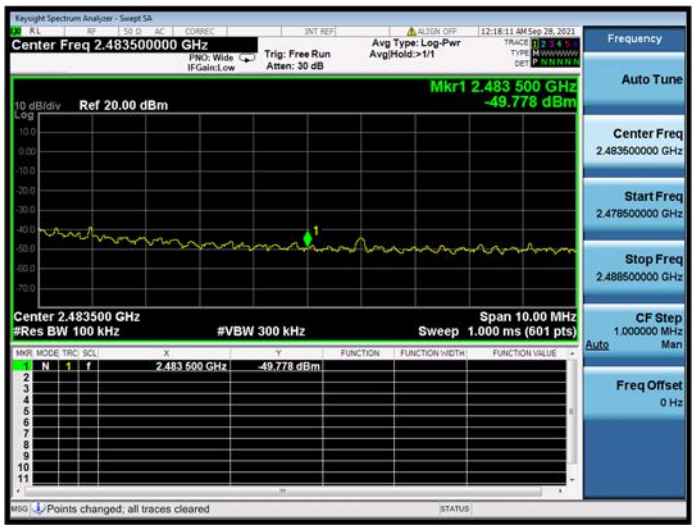


802.11n-40 MHz LOW CHANNEL, Carrier level

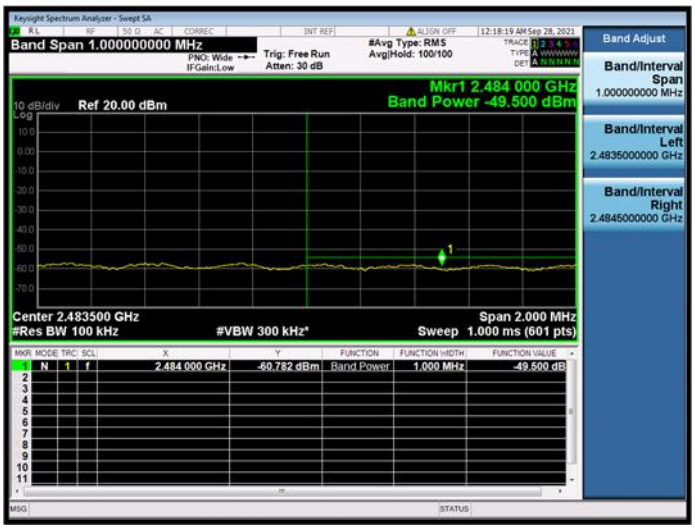
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



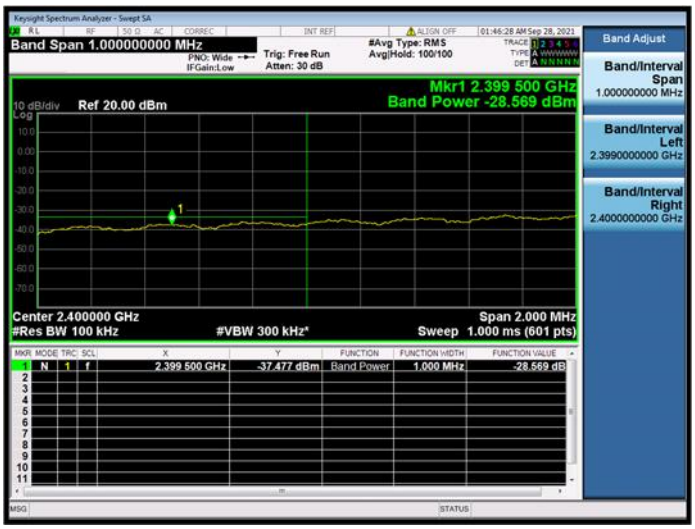
802.11n-40 MHz HIGH CHANNEL, Reference level



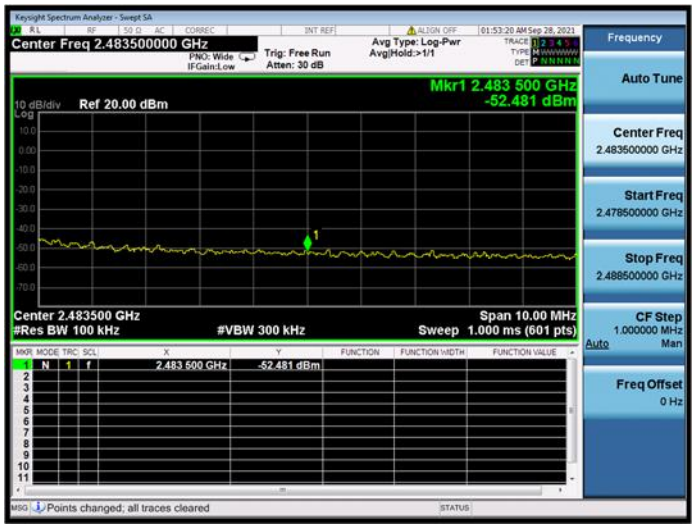
MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL, Carrier level

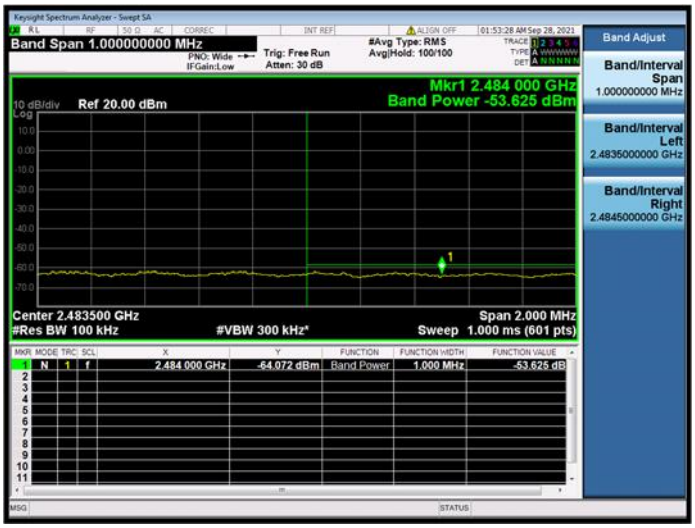
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level

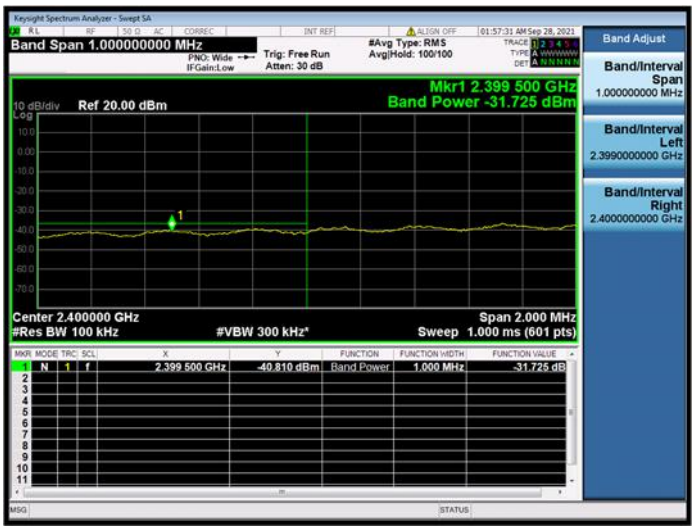


802.11n-20 MHz HIGH CHANNEL, Reference level

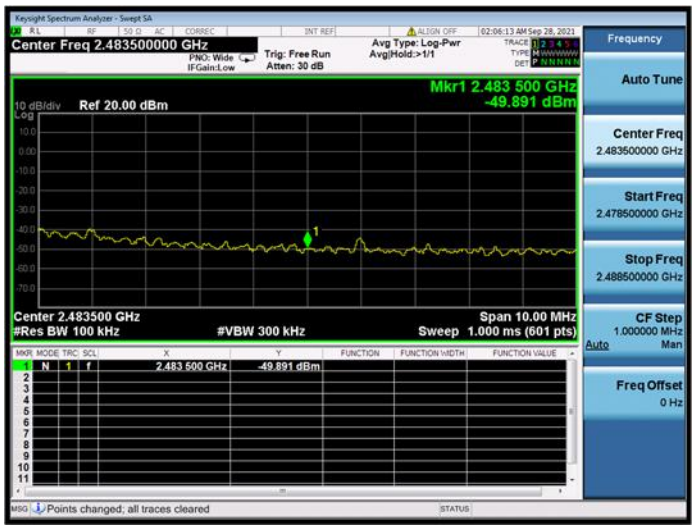


802.11n-40 MHz LOW CHANNEL, Carrier level

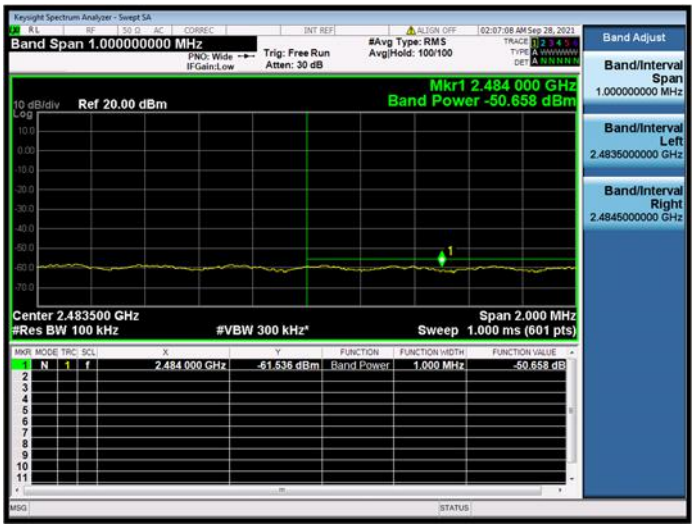
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



802.11n-40 MHz HIGH CHANNEL, Reference level

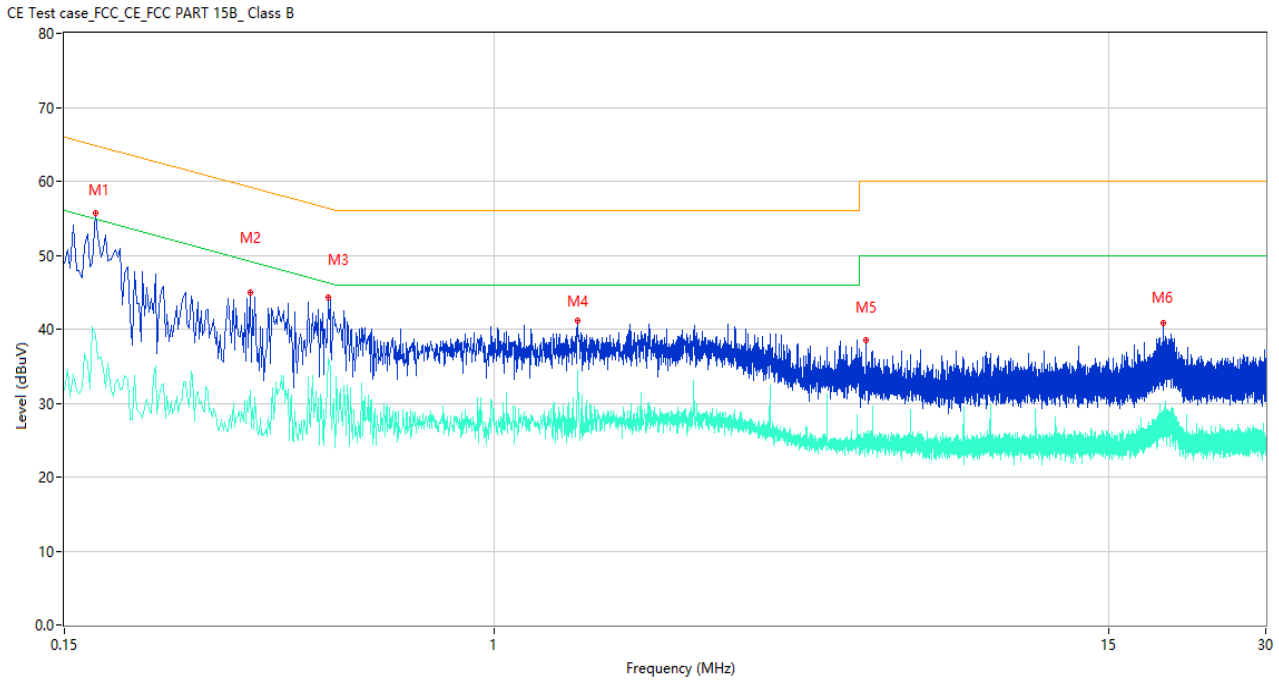


A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

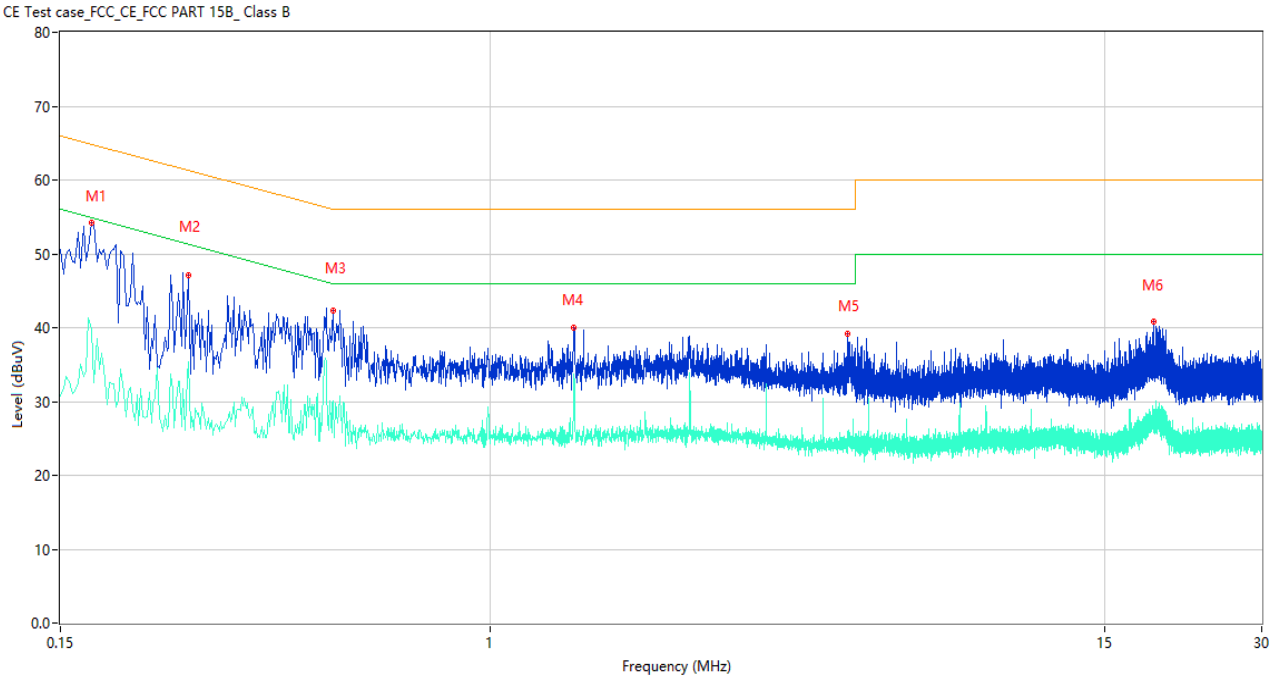
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	55.76	10.40	64.86	-9.10	Peak	L	Pass
1**	0.172	39.33	10.40	54.86	-15.53	AV	L	Pass
2	0.340	44.94	10.32	59.20	-14.26	Peak	L	Pass
2**	0.340	31.69	10.32	49.20	-17.51	AV	L	Pass
3	0.480	44.28	10.29	56.34	-12.06	Peak	L	Pass
3**	0.480	36.10	10.29	46.34	-10.24	AV	L	Pass
4	1.440	41.13	10.25	56.00	-14.87	Peak	L	Pass
4**	1.440	31.97	10.25	46.00	-14.03	AV	L	Pass
5	5.148	38.51	10.32	60.00	-21.49	Peak	L	Pass
5**	5.148	24.36	10.32	50.00	-25.64	AV	L	Pass
6	19.110	40.77	10.52	60.00	-19.23	Peak	L	Pass
6**	19.110	28.11	10.52	50.00	-21.89	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	54.21	10.40	64.86	-10.65	Peak	N	Pass
1**	0.172	39.77	10.40	54.86	-15.09	AV	N	Pass
2	0.264	47.10	10.34	61.30	-14.20	Peak	N	Pass
2**	0.264	35.37	10.34	51.30	-15.93	AV	N	Pass
3	0.500	42.31	10.30	56.00	-13.69	Peak	N	Pass
3**	0.500	30.01	10.30	46.00	-15.99	AV	N	Pass
4	1.444	39.98	10.25	56.00	-16.02	Peak	N	Pass
4**	1.444	33.61	10.25	46.00	-12.39	AV	N	Pass
5	4.838	39.23	10.31	56.00	-16.77	Peak	N	Pass
5**	4.838	25.92	10.31	46.00	-20.08	AV	N	Pass
6	18.636	40.81	10.51	60.00	-19.19	Peak	N	Pass
6**	18.636	28.84	10.51	50.00	-21.16	AV	N	Pass

A.6 Radiated Emission

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

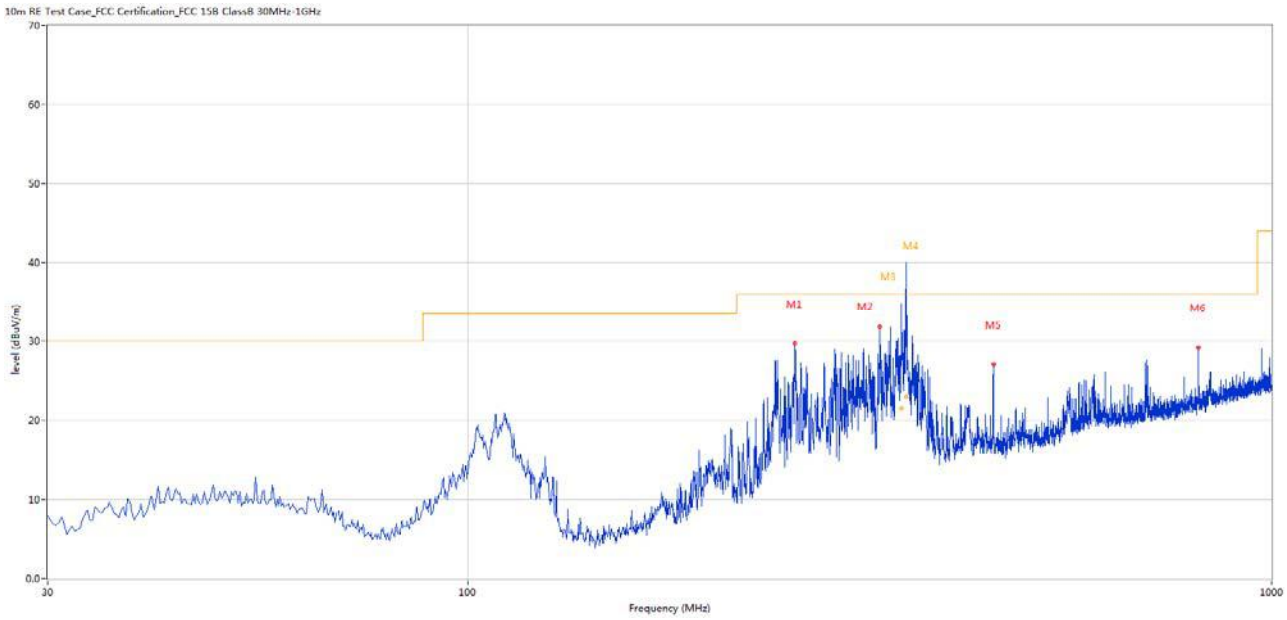
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

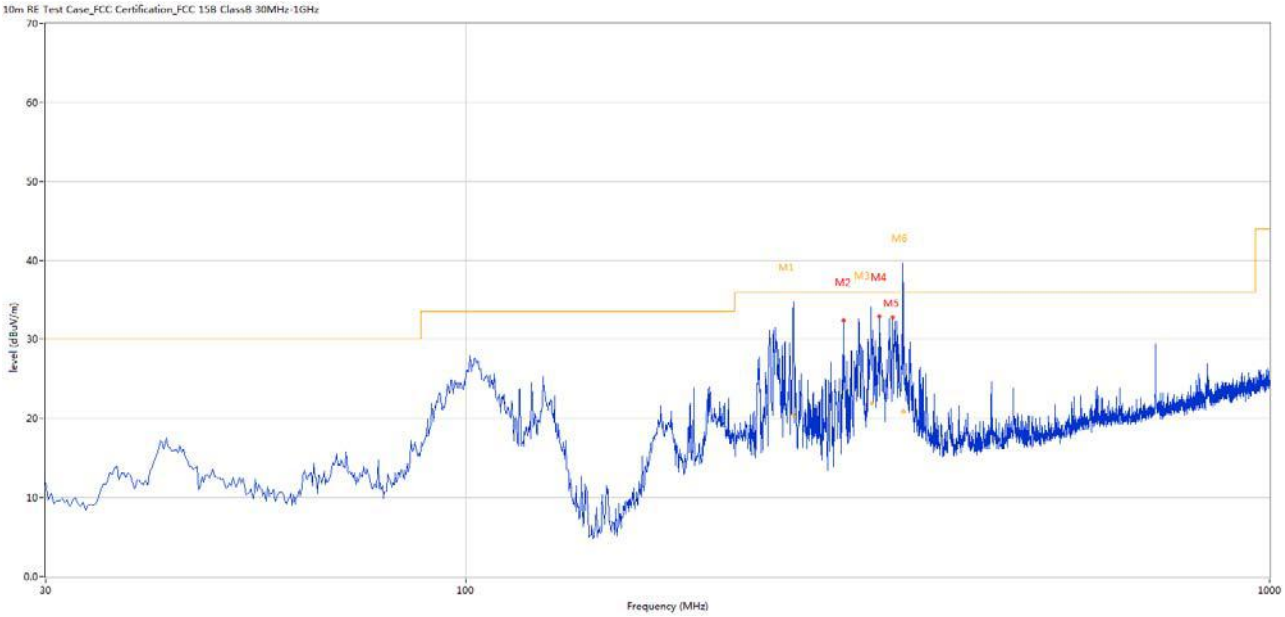
Test Data and Plots

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	255.226	29.73	-26.27	36.0	-6.27	Peak	115.00	200	Horizontal	Pass
2	325.291	31.83	-24.41	36.0	-4.17	Peak	236.00	200	Horizontal	Pass
3	346.097	34.51	-23.45	36.0	-1.49	Peak	266.00	200	Horizontal	N/A
3*	346.097	21.50	-23.45	36.0	-14.50	QP	266.00	200	Horizontal	Pass
4	351.112	39.23	-23.36	36.0	3.23	Peak	246.00	182	Horizontal	N/A
4*	351.112	22.92	-23.36	36.0	-13.08	QP	246.00	182	Horizontal	Pass
5	450.632	27.03	-21.60	36.0	-8.97	Peak	277.00	200	Horizontal	Pass
6	811.382	29.21	-14.48	36.0	-6.79	Peak	235.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	255.454	31.65	-26.23	36.0	-4.35	Peak	310.00	100	Vertical	N/A
1*	255.454	20.43	-26.23	36.0	-15.57	QP	310.00	100	Vertical	Pass
2	294.744	32.27	-25.30	36.0	-3.73	Peak	265.00	100	Vertical	Pass
3	319.749	37.51	-24.64	36.0	1.51	Peak	300.00	103	Vertical	N/A
3*	319.749	21.91	-24.64	36.0	-14.09	QP	300.00	103	Vertical	Pass
4	326.988	32.85	-24.27	36.0	-3.15	Peak	129.00	100	Vertical	Pass
5	339.595	32.77	-23.70	36.0	-3.23	Peak	154.00	100	Vertical	Pass
6	350.086	36.73	-23.36	36.0	0.73	Peak	265.00	108	Vertical	N/A
6*	350.086	20.87	-23.36	36.0	-15.13	QP	265.00	108	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	1951.300	43.63	-13.30	74.0	-30.37	Peak	291.00	150	Horizontal	Pass
1**	1951.300	29.49	-13.30	54.0	-24.51	AV	291.00	150	Horizontal	Pass
2	2411.300	96.90	-10.36	74.0	22.90	Peak	146.00	150	Horizontal	N/A
2**	2411.300	93.49	-10.36	54.0	39.49	AV	146.00	150	Horizontal	N/A
3	4442.800	48.40	-2.16	74.0	-25.60	Peak	69.00	150	Horizontal	Pass
3**	4442.800	38.93	-2.16	54.0	-15.07	AV	69.00	150	Horizontal	Pass
4	6238.800	52.90	3.17	74.0	-21.10	Peak	360.00	150	Horizontal	Pass
4**	6238.800	43.47	3.17	54.0	-10.53	AV	360.00	150	Horizontal	Pass
5	10536.537	51.70	18.30	74.0	-22.30	Peak	360.00	150	Horizontal	Pass
5**	10536.537	38.34	18.30	54.0	-15.66	AV	360.00	150	Horizontal	Pass
6	15940.688	57.12	23.91	74.0	-16.88	Peak	87.00	150	Horizontal	Pass
6**	15940.688	45.13	23.91	54.0	-8.87	AV	87.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.700	42.85	-15.32	74.0	-31.15	Peak	23.00	150	Vertical	Pass
1**	1116.700	31.22	-15.32	54.0	-22.78	AV	23.00	150	Vertical	Pass
2	2410.400	97.53	-10.40	74.0	23.53	Peak	0.00	150	Vertical	N/A
2**	2410.400	93.30	-10.40	54.0	39.30	AV	0.00	150	Vertical	N/A
3	4275.400	48.76	-3.46	74.0	-25.24	Peak	220.00	150	Vertical	Pass
3**	4275.400	38.05	-3.46	54.0	-15.95	AV	220.00	150	Vertical	Pass
4	6745.800	53.90	4.29	74.0	-20.10	Peak	94.00	150	Vertical	Pass
4**	6745.800	43.78	4.29	54.0	-10.22	AV	94.00	150	Vertical	Pass
5	10631.412	50.90	18.36	74.0	-23.10	Peak	302.00	150	Vertical	Pass
5**	10631.412	38.33	18.36	54.0	-15.67	AV	302.00	150	Vertical	Pass
6	15655.612	58.00	23.49	74.0	-16.00	Peak	267.00	150	Vertical	Pass
6**	15655.612	44.57	23.49	54.0	-9.43	AV	267.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1945.700	43.60	-16.02	74.0	-30.40	Peak	278.00	150	Horizontal	Pass
1**	1945.700	30.72	-16.02	54.0	-23.28	AV	278.00	150	Horizontal	Pass
2	2436.500	99.24	-12.76	74.0	25.24	Peak	142.00	150	Horizontal	N/A
2**	2436.500	94.29	-12.76	54.0	40.29	AV	142.00	150	Horizontal	N/A
3	3724.250	46.79	-5.32	74.0	-27.21	Peak	1.00	150	Horizontal	Pass
3**	3724.250	36.59	-5.32	54.0	-17.41	AV	1.00	150	Horizontal	Pass
4	6508.750	52.17	-0.67	74.0	-21.83	Peak	1.00	150	Horizontal	Pass
4**	6508.750	42.91	-0.67	54.0	-11.09	AV	1.00	150	Horizontal	Pass
5	10355.500	48.17	-2.76	74.0	-25.83	Peak	1.00	150	Horizontal	Pass
5**	10355.500	38.37	-2.76	54.0	-15.63	AV	1.00	150	Horizontal	Pass
6	15203.500	51.95	1.44	74.0	-22.05	Peak	1.00	150	Horizontal	Pass
6**	15203.500	41.00	1.44	54.0	-13.00	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1955.000	43.59	-15.99	74.0	-30.41	Peak	335.00	150	Vertical	Pass
1**	1955.000	33.12	-15.99	54.0	-20.88	AV	335.00	150	Vertical	Pass
2	2435.900	97.78	-12.75	74.0	23.78	Peak	153.00	150	Vertical	N/A
2**	2435.900	94.63	-12.75	54.0	40.63	AV	153.00	150	Vertical	N/A
3	5148.000	51.43	-2.13	74.0	-22.57	Peak	1.00	150	Vertical	Pass
3**	5148.000	42.32	-2.13	54.0	-11.68	AV	1.00	150	Vertical	Pass
4	7788.500	53.69	1.03	74.0	-20.31	Peak	1.00	150	Vertical	Pass
4**	7788.500	43.90	1.03	54.0	-10.10	AV	1.00	150	Vertical	Pass
5	9956.500	48.44	-1.94	74.0	-25.56	Peak	0.00	150	Vertical	Pass
5**	9956.500	39.73	-1.94	54.0	-14.27	AV	0.00	150	Vertical	Pass
6	15963.000	52.47	0.30	74.0	-21.53	Peak	0.00	150	Vertical	Pass
6**	15963.000	43.15	0.30	54.0	-10.85	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1189.800	47.15	-17.98	74.0	-26.85	Peak	268.00	150	Horizontal	Pass
1**	1189.800	38.87	-17.98	54.0	-15.13	AV	268.00	150	Horizontal	Pass
2	2460.400	97.55	-12.95	74.0	23.55	Peak	123.00	150	Horizontal	N/A
2**	2460.400	94.66	-12.95	54.0	40.66	AV	123.00	150	Horizontal	N/A
3	4013.000	46.81	-4.45	74.0	-27.19	Peak	82.00	150	Horizontal	Pass
3**	4013.000	37.46	-4.45	54.0	-16.54	AV	82.00	150	Horizontal	Pass
4	5819.250	51.68	-1.59	74.0	-22.32	Peak	39.00	150	Horizontal	Pass
4**	5819.250	41.98	-1.59	54.0	-12.02	AV	39.00	150	Horizontal	Pass
5	9285.500	49.35	-1.73	74.0	-24.65	Peak	310.00	150	Horizontal	Pass
5**	9285.500	40.10	-1.73	54.0	-13.90	AV	310.00	150	Horizontal	Pass
6	14847.000	52.47	1.67	74.0	-21.53	Peak	89.00	150	Horizontal	Pass
6**	14847.000	43.16	1.67	54.0	-10.84	AV	89.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1952.500	41.61	-13.36	74.0	-32.39	Peak	191.00	150	Vertical	Pass
1**	1952.500	31.15	-13.36	54.0	-22.85	AV	191.00	150	Vertical	Pass
2	2462.900	95.54	-10.46	74.0	21.54	Peak	360.00	150	Vertical	N/A
2**	2462.900	92.65	-10.46	54.0	38.65	AV	360.00	150	Vertical	N/A
3	4626.000	48.06	-2.40	74.0	-25.94	Peak	43.00	150	Vertical	Pass
3**	4626.000	37.92	-2.40	54.0	-16.08	AV	43.00	150	Vertical	Pass
4	6654.600	53.97	4.64	74.0	-20.03	Peak	1.00	150	Vertical	Pass
4**	6654.600	42.43	4.64	54.0	-11.57	AV	1..00	150	Vertical	Pass
5	9122.612	48.58	17.85	74.0	-25.42	Peak	60.00	150	Vertical	Pass
5**	9122.612	37.01	17.85	54.0	-16.99	AV	60.00	150	Vertical	Pass
6	17715.450	56.85	24.21	74.0	-17.15	Peak	237.00	150	Vertical	Pass
6**	17715.450	45.22	24.21	54.0	-8.78	AV	237.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.500	41.36	-14.92	74.0	-32.64	Peak	219.00	150	Horizontal	Pass
1**	1214.500	37.69	-14.92	54.0	-16.31	AV	219.00	150	Horizontal	Pass
2	2412.800	97.33	-10.22	74.0	23.33	Peak	119.00	150	Horizontal	N/A
2**	2412.800	90.65	-10.22	54.0	36.65	AV	119.00	150	Horizontal	N/A
3	4063.600	46.64	-3.86	74.0	-27.36	Peak	205.00	150	Horizontal	Pass
3**	4063.600	35.88	-3.86	54.0	-18.12	AV	205.00	150	Horizontal	Pass
4	6440.000	51.71	2.99	74.0	-22.29	Peak	361.00	150	Horizontal	Pass
4**	6440.000	42.43	2.99	54.0	-11.57	AV	361.00	150	Horizontal	Pass
5	10253.062	49.05	18.24	74.0	-24.95	Peak	31.00	150	Horizontal	Pass
5**	10253.062	36.45	18.24	54.0	-17.55	AV	31.00	150	Horizontal	Pass
6	17293.349	55.87	24.56	74.0	-18.13	Peak	0.00	150	Horizontal	Pass
6**	17293.349	45.53	24.56	54.0	-8.47	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.900	40.59	-15.26	74.0	-33.41	Peak	15.00	150	Vertical	Pass
1**	1118.900	31.62	-15.26	54.0	-22.38	AV	15.00	150	Vertical	Pass
2	2408.100	98.62	-10.57	74.0	24.62	Peak	3.00	150	Vertical	N/A
2**	2408.100	92.46	-10.57	54.0	38.46	AV	3.00	150	Vertical	N/A
3	4062.000	46.59	-3.94	74.0	-27.41	Peak	210.00	150	Vertical	Pass
3**	4062.000	35.60	-3.94	54.0	-18.40	AV	210.00	150	Vertical	Pass
4	6639.800	51.71	3.96	74.0	-22.29	Peak	210.00	150	Vertical	Pass
4**	6639.800	42.26	3.96	54.0	-11.74	AV	210.00	150	Vertical	Pass
5	8518.000	48.94	18.04	74.0	-25.06	Peak	88.00	150	Vertical	Pass
5**	8518.000	37.17	18.04	54.0	-16.83	AV	88.00	150	Vertical	Pass
6	15260.026	54.69	21.75	74.0	-19.31	Peak	147.00	150	Vertical	Pass
6**	15260.026	42.34	21.75	54.0	-11.66	AV	147.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.300	45.39	-14.93	74.0	-28.61	Peak	260.00	150	Horizontal	Pass
1**	1214.300	38.57	-14.93	54.0	-15.43	AV	260.00	150	Horizontal	Pass
2	2433.300	95.71	-10.41	74.0	21.71	Peak	125.00	150	Horizontal	N/A
2**	2433.300	88.91	-10.41	54.0	34.91	AV	125.00	150	Horizontal	N/A
3	4079.800	46.09	-4.19	74.0	-27.91	Peak	222.00	150	Horizontal	Pass
3**	4079.800	35.90	-4.19	54.0	-18.10	AV	222.00	150	Horizontal	Pass
4	5576.400	50.30	0.69	74.0	-23.70	Peak	361.00	150	Horizontal	Pass
4**	5576.400	40.73	0.69	54.0	-13.27	AV	361.00	150	Horizontal	Pass
5	8686.188	49.84	17.81	74.0	-24.16	Peak	297.00	150	Horizontal	Pass
5**	8686.188	36.18	17.81	54.0	-17.82	AV	297.00	150	Horizontal	Pass
6	17646.412	56.02	24.21	74.0	-17.98	Peak	155.00	150	Horizontal	Pass
6**	17646.412	45.09	24.21	54.0	-8.91	AV	155.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.400	40.93	-15.25	74.0	-33.07	Peak	45.00	150	Vertical	Pass
1**	1119.400	30.51	-15.25	54.0	-23.49	AV	45.00	150	Vertical	Pass
2	2435.700	97.40	-10.62	74.0	23.40	Peak	360.00	150	Vertical	N/A
2**	2435.700	91.01	-10.62	54.0	37.01	AV	360.00	150	Vertical	N/A
3	3745.800	45.42	-4.85	74.0	-28.58	Peak	361.00	150	Vertical	Pass
3**	3745.800	35.33	-4.85	54.0	-18.67	AV	361.00	150	Vertical	Pass
4	6661.600	52.16	4.26	74.0	-21.84	Peak	247.00	150	Vertical	Pass
4**	6661.600	41.45	4.26	54.0	-12.55	AV	247.00	150	Vertical	Pass
5	9648.162	48.84	18.95	74.0	-25.16	Peak	156.00	150	Vertical	Pass
5**	9648.162	37.09	18.95	54.0	-16.91	AV	156.00	150	Vertical	Pass
6	15670.050	55.58	23.52	74.0	-18.42	Peak	363.00	150	Vertical	Pass
6**	15670.050	44.64	23.52	54.0	-9.36	AV	363.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1234.900	45.42	-14.79	74.0	-28.58	Peak	262.00	150	Horizontal	Pass
1**	1234.900	38.87	-14.79	54.0	-15.13	AV	262.00	150	Horizontal	Pass
2	2457.900	95.83	-10.26	74.0	21.83	Peak	118.00	150	Horizontal	N/A
2**	2457.900	88.89	-10.26	54.0	34.89	AV	118.00	150	Horizontal	N/A
3	4430.000	47.06	-2.19	74.0	-26.94	Peak	270.00	150	Horizontal	Pass
3**	4430.000	37.99	-2.19	54.0	-16.01	AV	270.00	150	Horizontal	Pass
4	6232.000	52.32	3.65	74.0	-21.68	Peak	255.00	150	Horizontal	Pass
4**	6232.000	42.68	3.65	54.0	-11.32	AV	255.00	150	Horizontal	Pass
5	9068.849	48.57	18.18	74.0	-25.43	Peak	3.00	150	Horizontal	Pass
5**	9068.849	36.86	18.18	54.0	-17.14	AV	3.00	150	Horizontal	Pass
6	17330.887	56.53	24.12	74.0	-17.47	Peak	363.00	150	Horizontal	Pass
6**	17330.887	45.56	24.12	54.0	-8.44	AV	363.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1120.000	41.28	-15.24	74.0	-32.72	Peak	163.00	150	Vertical	Pass
1**	1120.000	30.10	-15.24	54.0	-23.90	AV	163.00	150	Vertical	Pass
2	2458.500	97.56	-10.27	74.0	23.56	Peak	360.00	150	Vertical	N/A
2**	2458.500	90.57	-10.27	54.0	36.57	AV	360.00	150	Vertical	N/A
3	4705.800	48.42	-2.25	74.0	-25.58	Peak	141.00	150	Vertical	Pass
3**	4705.800	40.04	-2.25	54.0	-13.96	AV	141.00	150	Vertical	Pass
4	5591.200	50.45	0.61	74.0	-23.55	Peak	328.00	150	Vertical	Pass
4**	5591.200	41.04	0.61	54.0	-12.96	AV	328.00	150	Vertical	Pass
5	8850.925	48.48	17.37	74.0	-25.52	Peak	68.00	150	Vertical	Pass
5**	8850.925	35.27	17.37	54.0	-18.73	AV	68.00	150	Vertical	Pass
6	17841.975	55.72	24.08	74.0	-18.28	Peak	178.00	150	Vertical	Pass
6**	17841.975	45.62	24.08	54.0	-8.38	AV	178.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1222.700	44.56	-14.89	74.0	-29.44	Peak	258.00	150	Horizontal	Pass
1**	1222.700	38.64	-14.89	54.0	-15.36	AV	258.00	150	Horizontal	Pass
2	2409.300	97.21	-10.47	74.0	23.21	Peak	111.00	150	Horizontal	N/A
2**	2409.300	88.77	-10.47	54.0	34.77	AV	111.00	150	Horizontal	N/A
3	3489.600	44.33	-6.24	74.0	-29.67	Peak	88.00	150	Horizontal	Pass
3**	3489.600	35.00	-6.24	54.0	-19.00	AV	88.00	150	Horizontal	Pass
4	6655.000	52.41	4.62	74.0	-21.59	Peak	266.00	150	Horizontal	Pass
4**	6655.000	42.51	4.62	54.0	-11.49	AV	266.00	150	Horizontal	Pass
5	8661.175	48.83	18.01	74.0	-25.17	Peak	346.00	150	Horizontal	Pass
5**	8661.175	37.29	18.01	54.0	-16.71	AV	346.00	150	Horizontal	Pass
6	15953.287	55.39	23.96	74.0	-18.61	Peak	180.00	150	Horizontal	Pass
6**	15953.287	44.13	23.96	54.0	-9.87	AV	180.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.400	41.41	-15.25	74.0	-32.59	Peak	23.00	150	Vertical	Pass
1**	1119.400	31.31	-15.25	54.0	-22.69	AV	23.00	150	Vertical	Pass
2	2409.600	100.09	-10.45	74.0	26.09	Peak	2.00	150	Vertical	N/A
2**	2409.600	90.69	-10.45	54.0	36.69	AV	2.00	150	Vertical	N/A
3	3587.800	44.16	-5.95	74.0	-29.84	Peak	181.00	150	Vertical	Pass
3**	3587.800	35.21	-5.95	54.0	-18.79	AV	181.00	150	Vertical	Pass
4	6426.400	51.72	3.52	74.0	-22.28	Peak	363.00	150	Vertical	Pass
4**	6426.400	41.21	3.52	54.0	-12.79	AV	363.00	150	Vertical	Pass
5	10431.600	49.42	18.70	74.0	-24.58	Peak	186.00	150	Vertical	Pass
5**	10431.600	37.66	18.70	54.0	-16.34	AV	186.00	150	Vertical	Pass
6	17680.275	56.67	24.45	74.0	-17.33	Peak	361.00	150	Vertical	Pass
6**	17680.275	45.61	24.45	54.0	-8.39	AV	361.00	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	1218.500	45.46	-14.91	74.0	-28.54	Peak	261.00	150	Horizontal	Pass
1**	1218.500	40.64	-14.91	54.0	-13.36	AV	261.00	150	Horizontal	Pass
2	2433.700	95.65	-10.45	74.0	21.65	Peak	114.00	150	Horizontal	N/A
2**	2433.700	88.50	-10.45	54.0	34.50	AV	114.00	150	Horizontal	N/A
3	3560.000	44.12	-6.22	74.0	-29.88	Peak	208.00	150	Horizontal	Pass
3**	3560.000	34.47	-6.22	54.0	-19.53	AV	208.00	150	Horizontal	Pass
4	5577.400	50.08	0.73	74.0	-23.92	Peak	129.00	150	Horizontal	Pass
4**	5577.400	40.39	0.73	54.0	-13.61	AV	129.00	150	Horizontal	Pass
5	10371.800	48.86	18.40	74.0	-25.14	Peak	190.00	150	Horizontal	Pass
5**	10371.800	36.95	18.40	54.0	-17.05	AV	190.00	150	Horizontal	Pass
6	17655.075	55.95	24.24	74.0	-18.05	Peak	188.00	150	Horizontal	Pass
6**	17655.075	44.62	24.24	54.0	-9.38	AV	188.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.100	42.51	-15.34	74.0	-31.49	Peak	43.00	150	Vertical	Pass
1**	1116.100	31.31	-15.34	54.0	-22.69	AV	43.00	150	Vertical	Pass
2	2441.200	100.10	-10.52	74.0	26.10	Peak	360.00	150	Vertical	N/A
2**	2441.200	90.37	-10.52	54.0	36.37	AV	360.00	150	Vertical	N/A
3	4166.400	46.50	-3.82	74.0	-27.50	Peak	0.00	150	Vertical	Pass
3**	4166.400	36.65	-3.82	54.0	-17.35	AV	0.00	150	Vertical	Pass
4	6430.800	51.53	3.26	74.0	-22.47	Peak	361.00	150	Vertical	Pass
4**	6430.800	41.59	3.26	54.0	-12.41	AV	361.00	150	Vertical	Pass
5	9657.362	48.82	18.86	74.0	-25.18	Peak	15.00	150	Vertical	Pass
5**	9657.362	37.60	18.86	54.0	-16.40	AV	15.00	150	Vertical	Pass
6	17658.751	56.55	24.24	74.0	-17.45	Peak	308.00	150	Vertical	Pass
6**	17658.751	44.76	24.24	54.0	-9.24	AV	308.00	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	1202.000	44.86	-15.05	74.0	-29.14	Peak	209.00	150	Horizontal	Pass
1**	1202.000	38.00	-15.05	54.0	-16.00	AV	209.00	150	Horizontal	Pass
2	2463.700	96.70	-10.48	74.0	22.70	Peak	109.00	150	Horizontal	N/A
2**	2463.700	87.24	-10.48	54.0	33.24	AV	109.00	150	Horizontal	N/A
3	3768.400	44.34	-4.47	74.0	-29.66	Peak	130.00	150	Horizontal	Pass
3**	3768.400	35.96	-4.47	54.0	-18.04	AV	130.00	150	Horizontal	Pass
4	6227.000	51.14	3.73	74.0	-22.86	Peak	319.00	150	Horizontal	Pass
4**	6227.000	41.69	3.73	54.0	-12.31	AV	319.00	150	Horizontal	Pass
5	8721.263	48.73	17.55	74.0	-25.27	Peak	242.00	150	Horizontal	Pass
5**	8721.263	37.19	17.55	54.0	-16.81	AV	242.00	150	Horizontal	Pass
6	15957.224	55.96	23.98	74.0	-18.04	Peak	151.00	150	Horizontal	Pass
6**	15957.224	43.52	23.98	54.0	-10.48	AV	151.00	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	1117.500	41.36	-15.29	74.0	-32.64	Peak	70.00	150	Vertical	Pass
1**	1117.500	30.66	-15.29	54.0	-23.34	AV	70.00	150	Vertical	Pass
2	2465.100	99.29	-10.53	74.0	25.29	Peak	3.00	150	Vertical	N/A
2**	2465.100	89.57	-10.53	54.0	35.57	AV	3.00	150	Vertical	N/A
3	4406.200	47.70	-3.22	74.0	-26.30	Peak	361.00	150	Vertical	Pass
3**	4406.200	37.03	-3.22	54.0	-16.97	AV	361.00	150	Vertical	Pass
4	6649.000	51.96	4.67	74.0	-22.04	Peak	51.00	150	Vertical	Pass
4**	6649.000	43.06	4.67	54.0	-10.94	AV	51.00	150	Vertical	Pass
5	11692.000	49.97	19.92	74.0	-24.03	Peak	249.00	150	Vertical	Pass
5**	11692.000	37.48	19.92	54.0	-16.52	AV	249.00	150	Vertical	Pass
6	17329.312	56.31	24.15	74.0	-17.69	Peak	226.00	150	Vertical	Pass
6**	17329.312	44.36	24.15	54.0	-9.64	AV	226.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.800	43.55	-14.98	74.0	-30.45	Peak	212.00	150	Horizontal	Pass
1**	1197.800	36.57	-14.98	54.0	-17.43	AV	212.00	150	Horizontal	Pass
2	2414.600	96.32	-10.06	74.0	22.32	Peak	121.00	150	Horizontal	N/A
2**	2414.600	86.92	-10.06	54.0	32.92	AV	121.00	150	Horizontal	N/A
3	4130.000	46.12	-4.09	74.0	-27.88	Peak	0.00	150	Horizontal	Pass
3**	4130.000	37.69	-4.09	54.0	-16.31	AV	0.00	150	Horizontal	Pass
4	6915.800	53.26	4.76	74.0	-20.74	Peak	10.00	150	Horizontal	Pass
4**	6915.800	43.45	4.76	54.0	-10.55	AV	10.00	150	Horizontal	Pass
5	9972.463	49.34	17.73	74.0	-24.66	Peak	238.00	150	Horizontal	Pass
5**	9972.463	36.43	17.73	54.0	-17.57	AV	238.00	150	Horizontal	Pass
6	17280.225	55.84	24.50	74.0	-18.16	Peak	99.00	150	Horizontal	Pass
6**	17280.225	44.88	24.50	54.0	-9.12	AV	99.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.700	42.01	-15.33	74.0	-31.99	Peak	41.00	150	Vertical	Pass
1**	1114.700	32.54	-15.33	54.0	-21.46	AV	41.00	150	Vertical	Pass
2	2417.700	96.92	-9.99	74.0	22.92	Peak	1.00	150	Vertical	N/A
2**	2417.700	87.64	-9.99	54.0	33.64	AV	1.00	150	Vertical	N/A
3	3760.800	45.10	-4.52	74.0	-28.90	Peak	92.00	150	Vertical	Pass
3**	3760.800	35.83	-4.52	54.0	-18.17	AV	92.00	150	Vertical	Pass
4	5975.400	51.04	1.91	74.0	-22.96	Peak	178.00	150	Vertical	Pass
4**	5975.400	42.07	1.91	54.0	-11.93	AV	178.00	150	Vertical	Pass
5	9631.776	48.65	18.88	74.0	-25.35	Peak	309.00	150	Vertical	Pass
5**	9631.776	37.45	18.88	54.0	-16.55	AV	309.00	150	Vertical	Pass
6	16840.801	56.34	23.40	74.0	-17.66	Peak	363.00	150	Vertical	Pass
6**	16840.801	43.53	23.40	54.0	-10.47	AV	363.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1113.500	43.46	-15.32	74.0	-30.54	Peak	247.00	150	Horizontal	Pass
1**	1113.500	34.33	-15.32	54.0	-19.67	AV	247.00	150	Horizontal	Pass
2	2431.400	96.10	-10.41	74.0	22.10	Peak	118.00	150	Horizontal	N/A
2**	2431.400	86.44	-10.41	54.0	32.44	AV	118.00	150	Horizontal	N/A
3	3769.400	44.88	-4.59	74.0	-29.12	Peak	36.00	150	Horizontal	Pass
3**	3769.400	34.75	-4.59	54.0	-19.25	AV	36.00	150	Horizontal	Pass
4	6917.000	52.68	4.69	74.0	-21.32	Peak	65.00	150	Horizontal	Pass
4**	6917.000	42.85	4.69	54.0	-11.15	AV	65.00	150	Horizontal	Pass
5	10625.087	49.61	18.42	74.0	-24.39	Peak	110.00	150	Horizontal	Pass
5**	10625.087	38.09	18.42	54.0	-15.91	AV	110.00	150	Horizontal	Pass
6	17917.575	56.70	24.48	74.0	-17.30	Peak	139.00	150	Horizontal	Pass
6**	17917.575	44.41	24.48	54.0	-9.59	AV	139.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1120.800	41.82	-15.23	74.0	-32.18	Peak	33.00	150	Vertical	Pass
1**	1120.800	31.37	-15.23	54.0	-22.63	AV	33.00	150	Vertical	Pass
2	2426.500	96.03	-10.10	74.0	22.03	Peak	3.00	150	Vertical	N/A
2**	2426.500	86.91	-10.10	54.0	32.91	AV	3.00	150	Vertical	N/A
3	3756.800	44.34	-4.35	74.0	-29.66	Peak	165.00	150	Vertical	Pass
3**	3756.800	34.70	-4.35	54.0	-19.30	AV	165.00	150	Vertical	Pass
4	5980.600	51.38	2.01	74.0	-22.62	Peak	150.00	150	Vertical	Pass
4**	5980.600	40.67	2.01	54.0	-13.33	AV	150.00	150	Vertical	Pass
5	9573.987	48.85	18.38	74.0	-25.15	Peak	248.00	150	Vertical	Pass
5**	9573.987	36.54	18.38	54.0	-17.46	AV	248.00	150	Vertical	Pass
6	17251.613	56.45	24.21	74.0	-17.55	Peak	139.00	150	Vertical	Pass
6**	17251.613	44.13	24.21	54.0	-9.87	AV	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1222.400	45.02	-14.92	74.0	-28.98	Peak	208.00	150	Horizontal	Pass
1**	1222.400	37.30	-14.92	54.0	-16.70	AV	208.00	150	Horizontal	Pass
2	2451.200	93.16	-10.27	74.0	19.16	Peak	124.00	150	Horizontal	N/A
2**	2451.200	85.00	-10.27	54.0	31.00	AV	124.00	150	Horizontal	N/A
3	3272.400	44.42	-6.01	74.0	-29.58	Peak	94.00	150	Horizontal	Pass
3**	3272.400	34.55	-6.01	54.0	-19.45	AV	94.00	150	Horizontal	Pass
4	6151.200	51.05	3.04	74.0	-22.95	Peak	0.00	150	Horizontal	Pass
4**	6151.200	41.48	3.04	54.0	-12.52	AV	0.00	150	Horizontal	Pass
5	9027.738	48.49	18.14	74.0	-25.51	Peak	132.00	150	Horizontal	Pass
5**	9027.738	39.63	18.14	54.0	-14.37	AV	132.00	150	Horizontal	Pass
6	15644.849	54.99	23.54	74.0	-19.01	Peak	318.00	150	Horizontal	Pass
6**	15644.849	43.82	23.54	54.0	-10.18	AV	318.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.100	44.24	-15.34	74.0	-29.76	Peak	36.00	150	Vertical	Pass
1**	1115.100	31.24	-15.34	54.0	-22.76	AV	36.00	150	Vertical	Pass
2	2463.800	95.76	-10.48	74.0	21.76	Peak	24.00	150	Vertical	N/A
2**	2463.800	86.23	-10.48	54.0	32.23	AV	24.00	150	Vertical	N/A
3	3767.200	44.65	-4.41	74.0	-29.35	Peak	230.00	150	Vertical	Pass
3**	3767.200	35.82	-4.41	54.0	-18.18	AV	230.00	150	Vertical	Pass
4	5579.800	50.12	0.88	74.0	-23.88	Peak	275.00	150	Vertical	Pass
4**	5579.800	41.57	0.88	54.0	-12.43	AV	275.00	150	Vertical	Pass
5	8987.487	48.56	18.00	74.0	-25.44	Peak	133.00	150	Vertical	Pass
5**	8987.487	35.84	18.00	54.0	-18.16	AV	133.00	150	Vertical	Pass
6	17856.150	56.46	24.19	74.0	-17.54	Peak	237.00	150	Vertical	Pass
6**	17856.150	45.30	24.19	54.0	-8.70	AV	237.00	150	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	1194.200	45.60	-14.95	74.0	-28.40	Peak	252.00	150	Horizontal	Pass
1**	1194.200	37.59	-14.95	54.0	-16.41	AV	252.00	150	Horizontal	Pass
2	2412.800	99.06	-10.22	74.0	25.06	Peak	262.00	150	Horizontal	N/A
2**	2412.800	95.91	-10.22	54.0	41.91	AV	262.00	150	Horizontal	N/A
3	4428.600	47.59	-2.10	74.0	-26.41	Peak	362.00	150	Horizontal	Pass
3**	4428.600	37.78	-2.10	54.0	-16.22	AV	362.00	150	Horizontal	Pass
4	6663.600	51.82	4.22	74.0	-22.18	Peak	324.00	150	Horizontal	Pass
4**	6663.600	42.58	4.22	54.0	-11.42	AV	324.00	150	Horizontal	Pass
5	10436.775	49.19	18.73	74.0	-24.81	Peak	210.00	150	Horizontal	Pass
5**	10436.775	37.39	18.73	54.0	-16.61	AV	210.00	150	Horizontal	Pass
6	17175.489	57.50	23.55	74.0	-16.50	Peak	87.00	150	Horizontal	Pass
6**	17175.489	43.54	23.55	54.0	-10.46	AV	87.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1951.000	41.71	-13.29	74.0	-32.29	Peak	202.00	150	Vertical	Pass
1**	1951.000	29.70	-13.29	54.0	-24.30	AV	202.00	150	Vertical	Pass
2	2411.000	93.75	-10.37	74.0	19.75	Peak	202.00	150	Vertical	N/A
2**	2411.000	91.85	-10.37	54.0	37.85	AV	202.00	150	Vertical	N/A
3	3758.200	44.85	-4.36	74.0	-29.15	Peak	201.00	150	Vertical	Pass
3**	3758.200	37.09	-4.36	54.0	-16.91	AV	201.00	150	Vertical	Pass
4	6243.000	51.16	2.74	74.0	-22.84	Peak	83.00	150	Vertical	Pass
4**	6243.000	42.71	2.74	54.0	-11.29	AV	83.00	150	Vertical	Pass
5	9646.725	49.68	18.95	74.0	-24.32	Peak	265.00	150	Vertical	Pass
5**	9646.725	36.82	18.95	54.0	-17.18	AV	265.00	150	Vertical	Pass
6	17210.925	56.73	23.88	74.0	-17.27	Peak	256.00	150	Vertical	Pass
6**	17210.925	43.31	23.88	54.0	-10.69	AV	256.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.500	45.21	-14.92	74.0	-28.79	Peak	207.00	150	Horizontal	Pass
1**	1214.500	39.16	-14.92	54.0	-14.84	AV	207.00	150	Horizontal	Pass
2	2436.000	97.11	-10.62	74.0	23.11	Peak	254.00	150	Horizontal	N/A
2**	2436.000	94.91	-10.62	54.0	40.91	AV	254.00	150	Horizontal	N/A
3	4165.000	46.11	-3.76	74.0	-27.89	Peak	319.00	150	Horizontal	Pass
3**	4165.000	36.00	-3.76	54.0	-18.00	AV	319.00	150	Horizontal	Pass
4	6368.800	51.43	2.58	74.0	-22.57	Peak	214.00	150	Horizontal	Pass
4**	6368.800	42.01	2.58	54.0	-11.99	AV	214.00	150	Horizontal	Pass
5	9610.500	49.12	18.78	74.0	-24.88	Peak	3.00	150	Horizontal	Pass
5**	9610.500	36.22	18.78	54.0	-17.78	AV	3.00	150	Horizontal	Pass
6	17691.038	56.56	24.44	74.0	-17.44	Peak	363.00	150	Horizontal	Pass
6**	17691.038	44.97	24.44	54.0	-9.03	AV	363.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1113.200	42.36	-15.32	74.0	-31.64	Peak	46.00	150	Vertical	Pass
1**	1113.200	29.03	-15.32	54.0	-24.97	AV	46.00	150	Vertical	Pass
2	2436.100	94.77	-10.62	74.0	20.77	Peak	210.00	150	Vertical	N/A
2**	2436.100	92.76	-10.62	54.0	38.76	AV	210.00	150	Vertical	N/A
3	4424.400	46.85	-2.30	74.0	-27.15	Peak	2.00	150	Vertical	Pass
3**	4424.400	38.03	-2.30	54.0	-15.97	AV	2.00	150	Vertical	Pass
4	6645.400	52.18	4.33	74.0	-21.82	Peak	363.00	150	Vertical	Pass
4**	6645.400	43.02	4.33	54.0	-10.98	AV	363.00	150	Vertical	Pass
5	10594.900	49.19	18.53	74.0	-24.81	Peak	18.00	150	Vertical	Pass
5**	10594.900	36.98	18.53	54.0	-17.02	AV	18.00	150	Vertical	Pass
6	15440.099	55.36	23.26	74.0	-18.64	Peak	50.00	150	Vertical	Pass
6**	15440.099	42.54	23.26	54.0	-11.46	AV	50.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1223.000	45.42	-14.87	74.0	-28.58	Peak	252.00	150	Horizontal	Pass
1**	1223.000	37.90	-14.87	54.0	-16.10	AV	252.00	150	Horizontal	Pass
2	2461.100	97.21	-10.46	74.0	23.21	Peak	261.00	150	Horizontal	N/A
2**	2461.100	95.30	-10.46	54.0	41.30	AV	261.00	150	Horizontal	N/A
3	4553.200	47.33	-2.58	74.0	-26.67	Peak	286.00	150	Horizontal	Pass
3**	4553.200	37.29	-2.58	54.0	-16.71	AV	286.00	150	Horizontal	Pass
4	6157.200	51.63	2.93	74.0	-22.37	Peak	211.00	150	Horizontal	Pass
4**	6157.200	41.56	2.93	54.0	-12.44	AV	211.00	150	Horizontal	Pass
5	10347.938	49.31	18.28	74.0	-24.69	Peak	1.00	150	Horizontal	Pass
5**	10347.938	36.48	18.28	54.0	-17.52	AV	1.00	150	Horizontal	Pass
6	15271.312	55.08	21.72	74.0	-18.92	Peak	1.00	150	Horizontal	Pass
6**	15271.312	42.16	21.72	54.0	-11.84	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.100	41.23	-15.27	74.0	-32.77	Peak	30.00	150	Vertical	Pass
1**	1118.100	32.36	-15.27	54.0	-21.64	AV	30.00	150	Vertical	Pass
2	2462.900	94.67	-10.46	74.0	20.67	Peak	212.00	150	Vertical	N/A
2**	2462.900	92.32	-10.46	54.0	38.32	AV	212.00	150	Vertical	N/A
3	3971.200	45.67	-4.20	74.0	-28.33	Peak	88.00	150	Vertical	Pass
3**	3971.200	36.40	-4.20	54.0	-17.60	AV	88.00	150	Vertical	Pass
4	6226.800	51.29	3.73	74.0	-22.71	Peak	273.00	150	Vertical	Pass
4**	6226.800	42.40	3.73	54.0	-11.60	AV	273.00	150	Vertical	Pass
5	9895.412	49.36	17.70	74.0	-24.64	Peak	68.00	150	Vertical	Pass
5**	9895.412	37.32	17.70	54.0	-16.68	AV	68.00	150	Vertical	Pass
6	17407.011	56.72	23.64	74.0	-17.28	Peak	87.00	150	Vertical	Pass
6**	17407.011	43.76	23.64	54.0	-10.24	AV	87.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.600	44.69	-14.91	74.0	-29.31	Peak	214.00	150	Horizontal	Pass
1**	1218.600	38.10	-14.91	54.0	-15.90	AV	214.00	150	Horizontal	Pass
2	2413.000	100.47	-10.19	74.0	26.47	Peak	254.00	150	Horizontal	N/A
2**	2413.000	92.99	-10.19	54.0	38.99	AV	254.00	150	Horizontal	N/A
3	3767.600	44.38	-4.40	74.0	-29.62	Peak	199.00	150	Horizontal	Pass
3**	3767.600	36.01	-4.40	54.0	-17.99	AV	199.00	150	Horizontal	Pass
4	6454.600	51.79	3.14	74.0	-22.21	Peak	125.00	150	Horizontal	Pass
4**	6454.600	41.45	3.14	54.0	-12.55	AV	125.00	150	Horizontal	Pass
5	9923.013	49.10	17.79	74.0	-24.90	Peak	120.00	150	Horizontal	Pass
5**	9923.013	37.93	17.79	54.0	-16.07	AV	120.00	150	Horizontal	Pass
6	17691.824	56.96	24.44	74.0	-17.04	Peak	363.00	150	Horizontal	Pass
6**	17691.824	47.03	24.44	54.0	-6.97	AV	363.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.500	42.73	-15.32	74.0	-31.27	Peak	35.00	150	Vertical	Pass
1**	1116.500	32.32	-15.32	54.0	-21.68	AV	35.00	150	Vertical	Pass
2	2409.500	96.81	-10.46	74.0	22.81	Peak	202.00	150	Vertical	N/A
2**	2409.500	90.00	-10.46	54.0	36.00	AV	202.00	150	Vertical	N/A
3	4136.000	46.19	-4.14	74.0	-27.81	Peak	107.00	150	Vertical	Pass
3**	4136.000	36.80	-4.14	54.0	-17.20	AV	107.00	150	Vertical	Pass
4	5988.000	52.34	2.07	74.0	-21.66	Peak	175.00	150	Vertical	Pass
4**	5988.000	40.56	2.07	54.0	-13.44	AV	175.00	150	Vertical	Pass
5	9074.600	48.39	18.15	74.0	-25.61	Peak	143.00	150	Vertical	Pass
5**	9074.600	36.85	18.15	54.0	-17.15	AV	143.00	150	Vertical	Pass
6	17320.651	56.43	24.31	74.0	-17.57	Peak	233.00	150	Vertical	Pass
6**	17320.651	44.44	24.31	54.0	-9.56	AV	233.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.300	44.88	-15.05	74.0	-29.12	Peak	211.00	150	Horizontal	Pass
1**	1202.300	38.23	-15.05	54.0	-15.77	AV	211.00	150	Horizontal	Pass
2	2433.800	99.62	-10.46	74.0	25.62	Peak	261.00	150	Horizontal	N/A
2**	2433.800	93.21	-10.46	54.0	39.21	AV	261.00	150	Horizontal	N/A
3	4438.600	47.36	-2.12	74.0	-26.64	Peak	361.00	150	Horizontal	Pass
3**	4438.600	36.95	-2.12	54.0	-17.05	AV	361.00	150	Horizontal	Pass
4	6510.000	52.42	3.26	74.0	-21.58	Peak	361.00	150	Horizontal	Pass
4**	6510.000	41.90	3.26	54.0	-12.10	AV	361.00	150	Horizontal	Pass
5	11656.350	49.61	20.31	74.0	-24.39	Peak	287.00	150	Horizontal	Pass
5**	11656.350	37.37	20.31	54.0	-16.63	AV	287.00	150	Horizontal	Pass
6	16249.388	55.79	24.18	74.0	-18.21	Peak	105.00	150	Horizontal	Pass
6**	16249.388	43.17	24.18	54.0	-10.83	AV	105.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1950.500	41.63	-13.28	74.0	-32.37	Peak	204.00	150	Vertical	Pass
1**	1950.500	30.68	-13.28	54.0	-23.32	AV	204.00	150	Vertical	Pass
2	2433.300	97.06	-10.41	74.0	23.06	Peak	204.00	150	Vertical	N/A
2**	2433.300	90.37	-10.41	54.0	36.37	AV	204.00	150	Vertical	N/A
3	3491.800	45.91	-6.11	74.0	-28.09	Peak	355.00	150	Vertical	Pass
3**	3491.800	34.35	-6.11	54.0	-19.65	AV	355.00	150	Vertical	Pass
4	6642.400	52.36	4.08	74.0	-21.64	Peak	35.00	150	Vertical	Pass
4**	6642.400	42.38	4.08	54.0	-11.62	AV	35.00	150	Vertical	Pass
5	8638.463	48.74	18.10	74.0	-25.26	Peak	134.00	150	Vertical	Pass
5**	8638.463	36.68	18.10	54.0	-17.32	AV	134.00	150	Vertical	Pass
6	17620.687	56.78	23.88	74.0	-17.22	Peak	337.00	150	Vertical	Pass
6**	17620.687	46.14	23.88	54.0	-7.86	AV	337.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1234.800	44.94	-14.79	74.0	-29.06	Peak	262.00	150	Horizontal	Pass
1**	1234.800	39.64	-14.79	54.0	-14.36	AV	262.00	150	Horizontal	Pass
2	2458.500	99.63	-10.27	74.0	25.63	Peak	250.00	150	Horizontal	N/A
2**	2458.500	93.31	-10.27	54.0	39.31	AV	250.00	150	Horizontal	N/A
3	4136.600	46.82	-4.11	74.0	-27.18	Peak	133.00	150	Horizontal	Pass
3**	4136.600	36.64	-4.11	54.0	-17.36	AV	133.00	150	Horizontal	Pass
4	6729.800	52.57	4.12	74.0	-21.43	Peak	291.00	150	Horizontal	Pass
4**	6729.800	41.95	4.12	54.0	-12.05	AV	291.00	150	Horizontal	Pass
5	9075.750	48.94	18.14	74.0	-25.06	Peak	269.00	150	Horizontal	Pass
5**	9075.750	36.29	18.14	54.0	-17.71	AV	269.00	150	Horizontal	Pass
6	17256.864	55.54	24.23	74.0	-18.46	Peak	322.00	150	Horizontal	Pass
6**	17256.864	45.48	24.23	54.0	-8.52	AV	322.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.600	42.98	-15.35	74.0	-31.02	Peak	32.00	150	Vertical	Pass
1**	1115.600	31.86	-15.35	54.0	-22.14	AV	32.00	150	Vertical	Pass
2	2457.400	97.24	-10.24	74.0	23.24	Peak	209.00	150	Vertical	N/A
2**	2457.400	90.13	-10.24	54.0	36.13	AV	209.00	150	Vertical	N/A
3	3773.600	44.56	-4.93	74.0	-29.44	Peak	173.00	150	Vertical	Pass
3**	3773.600	34.98	-4.93	54.0	-19.02	AV	173.00	150	Vertical	Pass
4	6154.200	51.34	2.90	74.0	-22.66	Peak	290.00	150	Vertical	Pass
4**	6154.200	42.25	2.90	54.0	-11.75	AV	290.00	150	Vertical	Pass
5	9826.413	48.65	17.55	74.0	-25.35	Peak	3.00	150	Vertical	Pass
5**	9826.413	36.02	17.55	54.0	-17.98	AV	3.00	150	Vertical	Pass
6	17439.562	55.83	23.64	74.0	-18.17	Peak	14.00	150	Vertical	Pass
6**	17439.562	43.99	23.64	54.0	-10.01	AV	14.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.500	45.34	-14.92	74.0	-28.66	Peak	217.00	150	Horizontal	Pass
1**	1214.500	39.44	-14.92	54.0	-14.56	AV	217.00	150	Horizontal	Pass
2	2407.300	101.57	-10.64	74.0	27.57	Peak	257.00	150	Horizontal	N/A
2**	2407.300	91.12	-10.64	54.0	37.12	AV	257.00	150	Horizontal	N/A
3	4147.400	46.06	-3.61	74.0	-27.94	Peak	92.00	150	Horizontal	Pass
3**	4147.400	36.71	-3.61	54.0	-17.29	AV	92.00	150	Horizontal	Pass
4	6077.800	51.41	3.22	74.0	-22.59	Peak	251.00	150	Horizontal	Pass
4**	6077.800	41.29	3.22	54.0	-12.71	AV	251.00	150	Horizontal	Pass
5	11774.800	49.84	18.75	74.0	-24.16	Peak	305.00	150	Horizontal	Pass
5**	11774.800	39.35	18.75	54.0	-14.65	AV	305.00	150	Horizontal	Pass
6	17678.963	56.58	24.44	74.0	-17.42	Peak	360.00	150	Horizontal	Pass
6**	17678.963	45.75	24.44	54.0	-8.25	AV	360.00	150	Horizontal	Pass、

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1948.300	41.59	-13.35	74.0	-32.41	Peak	198.00	150	Vertical	Pass
1**	1948.300	29.31	-13.35	54.0	-24.69	AV	198.00	150	Vertical	Pass
2	2412.900	96.19	-10.20	74.0	22.19	Peak	208.00	150	Vertical	N/A
2**	2412.900	88.38	-10.20	54.0	34.38	AV	208.00	150	Vertical	N/A
3	3757.000	44.34	-4.32	74.0	-29.66	Peak	234.00	150	Vertical	Pass
3**	3757.000	35.38	-4.32	54.0	-18.62	AV	234.00	150	Vertical	Pass
4	6454.000	51.88	3.09	74.0	-22.12	Peak	264.00	150	Vertical	Pass
4**	6454.000	41.44	3.09	54.0	-12.56	AV	264.00	150	Vertical	Pass
5	10617.612	48.60	18.47	74.0	-25.40	Peak	230.00	150	Vertical	Pass
5**	10617.612	37.94	18.47	54.0	-16.06	AV	230.00	150	Vertical	Pass
6	17661.112	57.30	24.25	74.0	-16.70	Peak	99.00	150	Vertical	Pass
6**	17661.112	45.88	24.25	54.0	-8.12	AV	99.00	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	1199.600	45.29	-15.00	74.0	-28.71	Peak	247.00	150	Horizontal	Pass
1**	1199.600	33.25	-15.00	54.0	-20.75	AV	247.00	150	Horizontal	Pass
2	2437.300	99.77	-10.61	74.0	25.77	Peak	247.00	150	Horizontal	N/A
2**	2437.300	91.45	-10.61	54.0	37.45	AV	247.00	150	Horizontal	N/A
3	3765.600	45.10	-4.44	74.0	-28.90	Peak	49.00	150	Horizontal	Pass
3**	3765.600	35.69	-4.44	54.0	-18.31	AV	49.00	150	Horizontal	Pass
4	6157.200	51.52	2.93	74.0	-22.48	Peak	21.00	150	Horizontal	Pass
4**	6157.200	43.53	2.93	54.0	-10.47	AV	21.00	150	Horizontal	Pass
5	10978.425	48.80	18.82	74.0	-25.20	Peak	189.00	150	Horizontal	Pass
5**	10978.425	36.67	18.82	54.0	-17.33	AV	189.00	150	Horizontal	Pass
6	17245.313	55.71	24.20	74.0	-18.29	Peak	360.00	150	Horizontal	Pass
6**	17245.313	45.54	24.20	54.0	-8.46	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.200	40.57	-15.27	74.0	-33.43	Peak	52.00	150	Vertical	Pass
1**	1118.200	32.27	-15.27	54.0	-21.73	AV	52.00	150	Vertical	Pass
2	2432.500	98.41	-10.40	74.0	24.41	Peak	208.00	150	Vertical	N/A
2**	2432.500	89.85	-10.40	54.0	35.85	AV	208.00	150	Vertical	N/A
3	4518.600	47.28	-2.54	74.0	-26.72	Peak	308.00	150	Vertical	Pass
3**	4518.600	37.74	-2.54	54.0	-16.26	AV	308.00	150	Vertical	Pass
4	6753.800	52.12	4.38	74.0	-21.88	Peak	137.00	150	Vertical	Pass
4**	6753.800	42.44	4.38	54.0	-11.56	AV	137.00	150	Vertical	Pass
5	10019.900	48.58	17.55	74.0	-25.42	Peak	143.00	150	Vertical	Pass
5**	10019.900	37.87	17.55	54.0	-16.13	AV	143.00	150	Vertical	Pass
6	17419.874	56.63	23.64	74.0	-17.37	Peak	99.00	150	Vertical	Pass
6**	17419.874	44.42	23.64	54.0	-9.58	AV	99.00	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	1218.500	45.01	-14.91	74.0	-28.99	Peak	208.00	150	Horizontal	Pass
1**	1218.500	38.94	-14.91	54.0	-15.06	AV	208.00	150	Horizontal	Pass
2	2458.900	101.30	-10.30	74.0	27.30	Peak	257.00	150	Horizontal	N/A
2**	2458.900	91.94	-10.30	54.0	37.94	AV	257.00	150	Horizontal	N/A
3	4417.000	47.11	-2.78	74.0	-26.89	Peak	135.00	150	Horizontal	Pass
3**	4417.000	38.32	-2.78	54.0	-15.68	AV	135.00	150	Horizontal	Pass
4	6654.000	52.15	4.67	74.0	-21.85	Peak	353.00	150	Horizontal	Pass
4**	6654.000	42.15	4.67	54.0	-11.85	AV	353.00	150	Horizontal	Pass
5	11599.138	49.86	20.12	74.0	-24.14	Peak	360.00	150	Horizontal	Pass
5**	11599.138	37.30	20.12	54.0	-16.70	AV	360.00	150	Horizontal	Pass
6	17242.687	55.57	24.21	74.0	-18.43	Peak	353.00	150	Horizontal	Pass
6**	17242.687	45.85	24.21	54.0	-8.15	AV	353.00	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	1118.400	43.46	-15.26	74.0	-30.54	Peak	76.00	150	Vertical	Pass
1**	1118.400	29.79	-15.26	54.0	-24.21	AV	76.00	150	Vertical	Pass
2	2461.200	98.42	-10.46	74.0	24.42	Peak	205.00	150	Vertical	N/A
2**	2461.200	88.98	-10.46	54.0	34.98	AV	205.00	150	Vertical	N/A
3	3128.600	45.04	-7.07	74.0	-28.96	Peak	36.00	150	Vertical	Pass
3**	3128.600	33.27	-7.07	54.0	-20.73	AV	36.00	150	Vertical	Pass
4	5863.400	50.39	2.31	74.0	-23.61	Peak	303.00	150	Vertical	Pass
4**	5863.400	40.53	2.31	54.0	-13.47	AV	303.00	150	Vertical	Pass
5	10628.537	48.23	18.39	74.0	-25.77	Peak	162.00	150	Vertical	Pass
5**	10628.537	37.36	18.39	54.0	-16.64	AV	162.00	150	Vertical	Pass
6	16851.562	56.29	23.44	74.0	-17.71	Peak	237.00	150	Vertical	Pass
6**	16851.562	46.16	23.44	54.0	-7.84	AV	237.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.600	46.33	-18.57	74.0	-27.67	Peak	221.00	150	Horizontal	Pass
1**	1114.600	36.29	-18.57	54.0	-17.71	AV	221.00	150	Horizontal	Pass
2	2417.400	98.16	-12.25	74.0	24.16	Peak	245.00	150	Horizontal	N/A
2**	2417.400	91.15	-12.25	54.0	37.15	AV	245.00	150	Horizontal	N/A
3	3740.800	47.74	-6.63	74.0	-26.26	Peak	329.00	150	Horizontal	Pass
3**	3740.800	37.32	-6.63	54.0	-16.68	AV	329.00	150	Horizontal	Pass
4	6687.600	54.71	-0.24	74.0	-19.29	Peak	232.00	150	Horizontal	Pass
4**	6687.600	45.58	-0.24	54.0	-8.42	AV	232.00	150	Horizontal	Pass
5	11968.862	52.18	0.82	74.0	-21.82	Peak	45.00	150	Horizontal	Pass
5**	11968.862	42.83	0.82	54.0	-11.17	AV	45.00	150	Horizontal	Pass
6	17362.125	56.70	2.27	74.0	-17.30	Peak	307.00	150	Horizontal	Pass
6**	17362.125	45.80	2.27	54.0	-8.20	AV	307.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.400	45.93	-18.54	74.0	-28.07	Peak	360.00	150	Vertical	Pass
1**	1119.400	37.28	-18.54	54.0	-16.72	AV	360.00	150	Vertical	Pass
2	2416.600	97.38	-12.25	74.0	23.38	Peak	192.00	150	Vertical	N/A
2**	2416.600	90.00	-12.25	54.0	36.00	AV	192.00	150	Vertical	N/A
3	3839.400	47.49	-4.87	74.0	-26.51	Peak	158.00	150	Vertical	Pass
3**	3839.400	38.84	-4.87	54.0	-15.16	AV	158.00	150	Vertical	Pass
4	5987.800	53.20	-1.82	74.0	-20.80	Peak	14.00	150	Vertical	Pass
4**	5987.800	43.27	-1.82	54.0	-10.73	AV	14.00	150	Vertical	Pass
5	9450.362	50.87	-0.82	74.0	-23.13	Peak	360.00	150	Vertical	Pass
5**	9450.362	41.07	-0.82	54.0	-12.93	AV	360.00	150	Vertical	Pass
6	17250.562	56.66	1.58	74.0	-17.34	Peak	172.00	150	Vertical	Pass
6**	17250.562	45.77	1.58	54.0	-8.23	AV	172.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1112.400	48.02	-18.60	74.0	-25.98	Peak	203.00	150	Horizontal	Pass
1**	1112.400	39.42	-18.60	54.0	-14.58	AV	203.00	150	Horizontal	Pass
2	2434.800	98.19	-12.84	74.0	24.19	Peak	240.00	150	Horizontal	N/A
2**	2434.800	91.14	-12.84	54.0	37.14	AV	240.00	150	Horizontal	N/A
3	4809.200	51.61	-2.95	74.0	-22.39	Peak	252.00	150	Horizontal	Pass
3**	4809.200	42.22	-2.95	54.0	-11.78	AV	252.00	150	Horizontal	Pass
4	6156.800	53.57	-1.74	74.0	-20.43	Peak	80.00	150	Horizontal	Pass
4**	6156.800	45.22	-1.74	54.0	-8.78	AV	80.00	150	Horizontal	Pass
5	9001.862	50.88	-0.77	74.0	-23.12	Peak	186.00	150	Horizontal	Pass
5**	9001.862	41.43	-0.77	54.0	-12.57	AV	186.00	150	Horizontal	Pass
6	14598.000	54.95	0.53	74.0	-19.05	Peak	179.00	150	Horizontal	Pass
6**	14598.000	44.45	0.53	54.0	-9.55	AV	179.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1113.700	45.21	-18.56	74.0	-28.79	Peak	360.00	150	Vertical	Pass
1**	1113.700	38.33	-18.56	54.0	-15.67	AV	360.00	150	Vertical	Pass
2	2445.700	97.29	-12.71	74.0	23.29	Peak	191.00	150	Vertical	N/A
2**	2445.700	89.69	-12.71	54.0	35.69	AV	191.00	150	Vertical	N/A
3	3364.400	47.04	-7.71	74.0	-26.96	Peak	18.00	150	Vertical	Pass
3**	3364.400	37.80	-7.71	54.0	-16.20	AV	18.00	150	Vertical	Pass
4	5990.800	54.75	-1.71	74.0	-19.25	Peak	190.00	150	Vertical	Pass
4**	5990.800	43.78	-1.71	54.0	-10.22	AV	190.00	150	Vertical	Pass
5	8820.163	51.04	-0.96	74.0	-22.96	Peak	212.00	150	Vertical	Pass
5**	8820.163	40.74	-0.96	54.0	-13.26	AV	212.00	150	Vertical	Pass
6	16749.975	56.05	0.52	74.0	-17.95	Peak	232.00	150	Vertical	Pass
6**	16749.975	46.92	0.52	54.0	-7.08	AV	232.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.200	45.57	-17.91	74.0	-28.43	Peak	151.00	150	Horizontal	Pass
1**	1197.200	36.54	-17.91	54.0	-17.46	AV	151.00	150	Horizontal	Pass
2	2460.400	97.82	-12.75	74.0	23.82	Peak	237.00	150	Horizontal	N/A
2**	2460.400	91.67	-12.75	54.0	37.67	AV	237.00	150	Horizontal	N/A
3	4356.600	49.69	-3.68	74.0	-24.31	Peak	310.00	150	Horizontal	Pass
3**	4356.600	40.16	-3.68	54.0	-13.84	AV	310.00	150	Horizontal	Pass
4	6626.400	54.09	-0.25	74.0	-19.91	Peak	214.00	150	Horizontal	Pass
4**	6626.400	44.63	-0.25	54.0	-9.37	AV	214.00	150	Horizontal	Pass
5	11195.487	52.07	-0.36	74.0	-21.93	Peak	212.00	150	Horizontal	Pass
5**	11195.487	42.37	-0.36	54.0	-11.63	AV	212.00	150	Horizontal	Pass
6	14766.262	54.77	0.17	74.0	-19.23	Peak	0.00	150	Horizontal	Pass
6**	14766.262	45.15	0.17	54.0	-8.85	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.600	44.49	-18.60	74.0	-29.51	Peak	360.00	150	Vertical	Pass
1**	1116.600	36.12	-18.60	54.0	-17.88	AV	360.00	150	Vertical	Pass
2	2462.100	97.07	-12.77	74.0	23.07	Peak	140.00	150	Vertical	N/A
2**	2462.100	88.82	-12.77	54.0	34.82	AV	140.00	150	Vertical	N/A
3	3593.000	47.39	-7.38	74.0	-26.61	Peak	215.00	150	Vertical	Pass
3**	3593.000	36.98	-7.38	54.0	-17.02	AV	215.00	150	Vertical	Pass
4	6606.200	55.01	0.13	74.0	-18.99	Peak	3.00	150	Vertical	Pass
4**	6606.200	45.70	0.13	54.0	-8.30	AV	3.00	150	Vertical	Pass
5	11200.088	52.50	-0.28	74.0	-21.50	Peak	238.00	150	Vertical	Pass
5**	11200.088	42.88	-0.28	54.0	-11.12	AV	238.00	150	Vertical	Pass
6	14924.287	55.58	-0.01	74.0	-18.42	Peak	-2.00	150	Vertical	Pass
6**	14924.287	45.73	-0.01	54.0	-8.27	AV	-2.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1189.900	44.90	-15.08	74.0	-29.10	Peak	214.00	150	Horizontal	Pass
1**	1189.900	38.20	-15.08	54.0	-15.80	AV	214.00	150	Horizontal	Pass
2	2409.700	102.51	-10.44	74.0	28.51	Peak	260.00	150	Horizontal	N/A
2**	2409.700	92.48	-10.44	54.0	38.48	AV	260.00	150	Horizontal	N/A
3	4072.800	46.05	-4.07	74.0	-27.95	Peak	35.00	150	Horizontal	Pass
3**	4072.800	37.27	-4.07	54.0	-16.73	AV	35.00	150	Horizontal	Pass
4	6476.000	51.11	3.15	74.0	-22.89	Peak	218.00	150	Horizontal	Pass
4**	6476.000	41.12	3.15	54.0	-12.88	AV	218.00	150	Horizontal	Pass
5	9855.450	48.50	17.62	74.0	-25.50	Peak	268.00	150	Horizontal	Pass
5**	9855.450	36.28	17.62	54.0	-17.72	AV	268.00	150	Horizontal	Pass
6	17836.462	56.95	24.04	74.0	-17.05	Peak	0.00	150	Horizontal	Pass
6**	17836.462	44.89	24.04	54.0	-9.11	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.900	42.45	-15.34	74.0	-31.55	Peak	35.00	150	Vertical	Pass
1**	1115.900	33.66	-15.34	54.0	-20.34	AV	35.00	150	Vertical	Pass
2	2415.300	100.31	-10.06	74.0	26.31	Peak	360.00	150	Vertical	N/A
2**	2415.300	92.53	-10.06	54.0	38.53	AV	360.00	150	Vertical	N/A
3	3981.800	45.43	-4.19	74.0	-28.57	Peak	361.00	150	Vertical	Pass
3**	3981.800	36.18	-4.19	54.0	-17.82	AV	361.00	150	Vertical	Pass
4	5983.000	51.61	1.98	74.0	-22.39	Peak	162.00	150	Vertical	Pass
4**	5983.000	39.10	1.98	54.0	-14.90	AV	162.00	150	Vertical	Pass
5	10014.725	48.56	17.58	74.0	-25.44	Peak	293.00	150	Vertical	Pass
5**	10014.725	36.38	17.58	54.0	-17.62	AV	293.00	150	Vertical	Pass
6	17901.302	57.00	24.55	74.0	-17.00	Peak	0.00	150	Vertical	Pass
6**	17901.302	44.47	24.55	54.0	-9.53	AV	0.00	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	1222.900	43.69	-14.88	74.0	-30.31	Peak	250.00	150	Horizontal	Pass
1**	1222.900	36.96	-14.88	54.0	-17.04	AV	250.00	150	Horizontal	Pass
2	2434.600	100.60	-10.54	74.0	26.60	Peak	261.00	150	Horizontal	N/A
2**	2434.600	92.29	-10.54	54.0	38.29	AV	261.00	150	Horizontal	N/A
3	4069.600	45.88	-3.80	74.0	-28.12	Peak	360.00	150	Horizontal	Pass
3**	4069.600	36.10	-3.80	54.0	-17.90	AV	360.00	150	Horizontal	Pass
4	6948.000	52.89	4.24	74.0	-21.11	Peak	300.00	150	Horizontal	Pass
4**	6948.000	42.85	4.24	54.0	-11.15	AV	300.00	150	Horizontal	Pass
5	12264.700	50.18	20.35	74.0	-23.82	Peak	1.00	150	Horizontal	Pass
5**	12264.700	38.30	20.35	54.0	-15.70	AV	1.00	150	Horizontal	Pass
6	14761.012	54.94	23.01	74.0	-19.06	Peak	182.00	150	Horizontal	Pass
6**	14761.012	42.18	23.01	54.0	-11.82	AV	182.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.800	42.24	-15.26	74.0	-31.76	Peak	29.00	150	Vertical	Pass
1**	1118.800	33.07	-15.26	54.0	-20.93	AV	29.00	150	Vertical	Pass
2	2432.500	100.26	-10.40	74.0	26.26	Peak	3.00	150	Vertical	N/A
2**	2432.500	91.43	-10.40	54.0	37.43	AV	3.00	150	Vertical	N/A
3	3600.000	44.66	-6.02	74.0	-29.34	Peak	270.00	150	Vertical	Pass
3**	3600.000	33.57	-6.02	54.0	-20.43	AV	270.00	150	Vertical	Pass
4	6224.600	51.19	3.45	74.0	-22.81	Peak	356.00	150	Vertical	Pass
4**	6224.600	41.41	3.45	54.0	-12.59	AV	356.00	150	Vertical	Pass
5	10362.025	49.14	18.35	74.0	-24.86	Peak	189.00	150	Vertical	Pass
5**	10362.025	36.73	18.35	54.0	-17.27	AV	189.00	150	Vertical	Pass
6	15616.500	55.83	23.47	74.0	-18.17	Peak	145.00	150	Vertical	Pass
6**	15616.500	44.76	23.47	54.0	-9.24	AV	145.00	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	1222.700	43.65	-14.89	74.0	-30.35	Peak	217.00	150	Horizontal	Pass
1**	1222.700	38.01	-14.89	54.0	-15.99	AV	217.00	150	Horizontal	Pass
2	2455.200	100.87	-10.29	74.0	26.87	Peak	260.00	150	Horizontal	N/A
2**	2455.200	92.32	-10.29	54.0	38.32	AV	260.00	150	Horizontal	N/A
3	4341.800	46.76	-3.10	74.0	-27.24	Peak	360.00	150	Horizontal	Pass
3**	4341.800	37.80	-3.10	54.0	-16.20	AV	360.00	150	Horizontal	Pass
4	6227.400	50.94	3.74	74.0	-23.06	Peak	182.00	150	Horizontal	Pass
4**	6227.400	42.59	3.74	54.0	-11.41	AV	182.00	150	Horizontal	Pass
5	12692.213	49.94	18.99	74.0	-24.06	Peak	49.00	150	Horizontal	Pass
5**	12692.213	37.29	18.99	54.0	-16.71	AV	49.00	150	Horizontal	Pass
6	17248.725	56.29	24.20	74.0	-17.71	Peak	360.00	150	Horizontal	Pass
6**	17248.725	44.48	24.20	54.0	-9.52	AV	360.00	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	1120.800	43.70	-15.23	74.0	-30.30	Peak	32.00	150	Vertical	Pass
1**	1120.800	31.27	-15.23	54.0	-22.73	AV	32.00	150	Vertical	Pass
2	2465.700	101.70	-10.56	74.0	27.70	Peak	360.00	150	Vertical	N/A
2**	2465.700	92.05	-10.56	54.0	38.05	AV	360.00	150	Vertical	N/A
3	3467.800	44.18	-6.21	74.0	-29.82	Peak	263.00	150	Vertical	Pass
3**	3467.800	33.86	-6.21	54.0	-20.14	AV	263.00	150	Vertical	Pass
4	6420.600	51.74	3.96	74.0	-22.26	Peak	234.00	150	Vertical	Pass
4**	6420.600	41.34	3.96	54.0	-12.66	AV	234.00	150	Vertical	Pass
5	10306.250	48.35	18.21	74.0	-25.65	Peak	3.00	150	Vertical	Pass
5**	10306.250	37.98	18.21	54.0	-16.02	AV	3.00	150	Vertical	Pass
6	15387.338	55.63	22.77	74.0	-18.37	Peak	226.00	150	Vertical	Pass
6**	15387.338	43.54	22.77	54.0	-10.46	AV	226.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.200	46.95	-17.49	74.0	-27.05	Peak	88.00	150	Horizontal	Pass
1**	1398.200	39.40	-17.49	54.0	-14.60	AV	88.00	150	Horizontal	Pass
2	2415.900	98.68	-12.25	74.0	24.68	Peak	112.00	150	Horizontal	N/A
2**	2415.900	90.74	-12.25	54.0	36.74	AV	112.00	150	Horizontal	N/A
3	4511.200	50.33	-4.13	74.0	-23.67	Peak	100.00	150	Horizontal	Pass
3**	4511.200	39.94	-4.13	54.0	-14.06	AV	100.00	150	Horizontal	Pass
4	6682.800	54.54	-0.42	74.0	-19.46	Peak	36.00	150	Horizontal	Pass
4**	6682.800	45.99	-0.42	54.0	-8.01	AV	36.00	150	Horizontal	Pass
5	10776.887	51.63	-0.53	74.0	-22.37	Peak	0.00	150	Horizontal	Pass
5**	10776.887	41.68	-0.53	54.0	-12.32	AV	0.00	150	Horizontal	Pass
6	17426.962	56.31	3.55	74.0	-17.69	Peak	17.00	150	Horizontal	Pass
6**	17426.962	47.36	3.55	54.0	-6.64	AV	17.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1117.900	43.26	-18.60	74.0	-30.74	Peak	0.00	150	Vertical	Pass
1**	1117.900	36.48	-18.60	54.0	-17.52	AV	0.00	150	Vertical	Pass
2	2426.000	98.93	-12.85	74.0	24.93	Peak	335.00	150	Vertical	N/A
2**	2426.000	93.33	-12.85	54.0	39.33	AV	335.00	150	Vertical	N/A
3	4707.200	49.71	-4.00	74.0	-24.29	Peak	360.00	150	Vertical	Pass
3**	4707.200	39.45	-4.00	54.0	-14.55	AV	360.00	150	Vertical	Pass
4	6686.000	53.57	-0.20	74.0	-20.43	Peak	186.00	150	Vertical	Pass
4**	6686.000	45.64	-0.20	54.0	-8.36	AV	186.00	150	Vertical	Pass
5	10816.562	51.66	0.10	74.0	-22.34	Peak	271.00	150	Vertical	Pass
5**	10816.562	41.83	0.10	54.0	-12.17	AV	271.00	150	Vertical	Pass
6	17196.225	56.00	2.12	74.0	-18.00	Peak	304.00	150	Vertical	Pass
6**	17196.225	45.55	2.12	54.0	-8.45	AV	304.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.400	44.53	-18.54	74.0	-29.47	Peak	202.00	150	Horizontal	Pass
1**	1119.400	36.39	-18.54	54.0	-17.61	AV	202.00	150	Horizontal	Pass
2	2449.200	98.82	-12.61	74.0	24.82	Peak	267.00	150	Horizontal	N/A
2**	2449.200	91.33	-12.61	54.0	37.33	AV	267.00	150	Horizontal	N/A
3	4472.800	50.11	-3.67	74.0	-23.89	Peak	235.00	150	Horizontal	Pass
3**	4472.800	40.56	-3.67	54.0	-13.44	AV	235.00	150	Horizontal	Pass
4	6603.400	54.28	-0.07	74.0	-19.72	Peak	109.00	150	Horizontal	Pass
4**	6603.400	44.32	-0.07	54.0	-9.68	AV	109.00	150	Horizontal	Pass
5	11851.563	52.43	1.10	74.0	-21.57	Peak	242.00	150	Horizontal	Pass
5**	11851.563	42.70	1.10	54.0	-11.30	AV	242.00	150	Horizontal	Pass
6	16388.250	56.31	1.63	74.0	-17.69	Peak	335.00	150	Horizontal	Pass
6**	16388.250	46.28	1.63	54.0	-7.72	AV	335.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.700	44.90	-18.52	74.0	-29.10	Peak	77.00	150	Vertical	Pass
1**	1119.700	35.96	-18.52	54.0	-18.04	AV	77.00	150	Vertical	Pass
2	2441.000	99.12	-12.82	74.0	25.12	Peak	332.00	150	Vertical	N/A
2**	2441.000	90.65	-12.82	54.0	36.65	AV	332.00	150	Vertical	N/A
3	4372.000	49.18	-4.39	74.0	-24.82	Peak	246.00	150	Vertical	Pass
3**	4372.000	39.46	-4.39	54.0	-14.54	AV	246.00	150	Vertical	Pass
4	5975.000	57.32	-1.24	74.0	-16.68	Peak	141.00	150	Vertical	Pass
4**	5975.000	46.04	-1.24	54.0	-7.96	AV	141.00	150	Vertical	Pass
5	10753.313	51.45	-0.72	74.0	-22.55	Peak	14.00	150	Vertical	Pass
5**	10753.313	41.01	-0.72	54.0	-12.99	AV	14.00	150	Vertical	Pass
6	17134.801	56.54	2.20	74.0	-17.46	Peak	270.00	150	Vertical	Pass
6**	17134.801	45.95	2.20	54.0	-8.05	AV	270.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1116.400	45.25	-18.60	74.0	-28.75	Peak	201.00	150	Horizontal	Pass
1**	1116.400	37.54	-18.60	54.0	-16.46	AV	201.00	150	Horizontal	Pass
2	2440.100	98.40	-12.70	74.0	24.40	Peak	267.00	150	Horizontal	N/A
2**	2440.100	91.12	-12.70	54.0	37.12	AV	267.00	150	Horizontal	N/A
3	4442.000	49.76	-4.12	74.0	-24.24	Peak	49.00	150	Horizontal	Pass
3**	4442.000	39.80	-4.12	54.0	-14.20	AV	49.00	150	Horizontal	Pass
4	6983.400	55.36	0.73	74.0	-18.64	Peak	61.00	150	Horizontal	Pass
4**	6983.400	45.79	0.73	54.0	-8.21	AV	61.00	150	Horizontal	Pass
5	11319.975	52.42	0.55	74.0	-21.58	Peak	305.00	150	Horizontal	Pass
5**	11319.975	42.55	0.55	54.0	-11.45	AV	305.00	150	Horizontal	Pass
6	16079.549	56.21	1.63	74.0	-17.79	Peak	166.00	150	Horizontal	Pass
6**	16079.549	46.52	1.63	54.0	-7.48	AV	166.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.600	44.69	-18.59	74.0	-29.31	Peak	12.00	150	Vertical	Pass
1**	1115.600	37.49	-18.59	54.0	-16.51	AV	12.00	150	Vertical	Pass
2	2450.400	98.36	-12.53	74.0	24.36	Peak	360.00	150	Vertical	N/A
2**	2450.400	91.01	-12.53	54.0	37.01	AV	360.00	150	Vertical	N/A
3	4471.800	49.80	-3.70	74.0	-24.20	Peak	276.00	150	Vertical	Pass
3**	4471.800	40.53	-3.70	54.0	-13.47	AV	276.00	150	Vertical	Pass
4	5978.800	55.26	-1.44	74.0	-18.74	Peak	50.00	150	Vertical	Pass
4**	5978.800	43.74	-1.44	54.0	-10.26	AV	50.00	150	Vertical	Pass
5	7351.612	51.23	-3.85	74.0	-22.77	Peak	123.00	150	Vertical	Pass
5**	7351.612	45.43	-3.85	54.0	-8.57	AV	123.00	150	Vertical	Pass
6	17131.125	56.67	2.25	74.0	-17.33	Peak	240.00	150	Vertical	Pass
6**	17131.125	46.67	2.25	54.0	-7.33	AV	240.00	150	Vertical	Pass

Simultaneous transmission

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

1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1114.500	42.82	-18.57	74.0	-31.18	Peak	120.00	150	Horizontal	Pass
1**	1114.500	34.29	-18.57	54.0	-19.71	AV	120.00	150	Horizontal	Pass
2	1993.600	46.67	-15.63	74.0	-27.33	Peak	40.00	150	Horizontal	Pass
2**	1993.600	31.29	-15.63	54.0	-22.71	AV	40.00	150	Horizontal	Pass
3	2410.700	104.11	-12.25	--	--	Peak	99.00	150	Horizontal	N/A
3**	2410.700	101.06	-12.25	--	--	AV	99.00	150	Horizontal	N/A
4	2455.300	79.56	-12.68	--	--	Peak	149.00	150	Horizontal	N/A
4**	2455.300	77.13	-12.68	--	--	AV	149.00	150	Horizontal	N/A
5	8557.963	52.03	-2.10	74.0	-21.97	Peak	55.00	150	Horizontal	Pass
5**	8557.963	41.86	-2.10	54.0	-12.14	AV	55.00	150	Horizontal	Pass
6	11342.975	52.70	0.18	74.0	-21.30	Peak	287.00	150	Horizontal	Pass
6**	11342.975	43.50	0.18	54.0	-10.50	AV	287.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1117.800	43.55	-18.60	74.0	-30.45	Peak	0.00	150	Vertical	Pass
1**	1117.800	37.04	-18.60	54.0	-16.96	AV	0.00	150	Vertical	Pass
2	1997.500	49.04	-15.46	74.0	-24.96	Peak	0.00	150	Vertical	Pass
2**	1997.500	35.91	-15.46	54.0	-18.09	AV	0.00	150	Vertical	Pass
3	2410.800	99.38	-12.25	--	--	Peak	31.00	150	Vertical	N/A
3**	2410.800	96.51	-12.25	--	--	AV	31.00	150	Vertical	N/A
4	2455.300	76.75	-12.68	--	--	Peak	149.00	150	Vertical	N/A
4**	2455.300	73.56	-12.68	--	--	AV	149.00	150	Vertical	N/A
5	5759.200	52.59	-1.95	74.0	-21.41	Peak	37.00	150	Vertical	Pass
5**	5759.200	43.54	-1.95	54.0	-10.46	AV	37.00	150	Vertical	Pass
6	10988.488	52.52	-0.65	74.0	-21.48	Peak	0.00	150	Vertical	Pass
6**	10988.488	43.10	-0.65	54.0	-10.90	AV	0.00	150	Vertical	Pass

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

Test Data

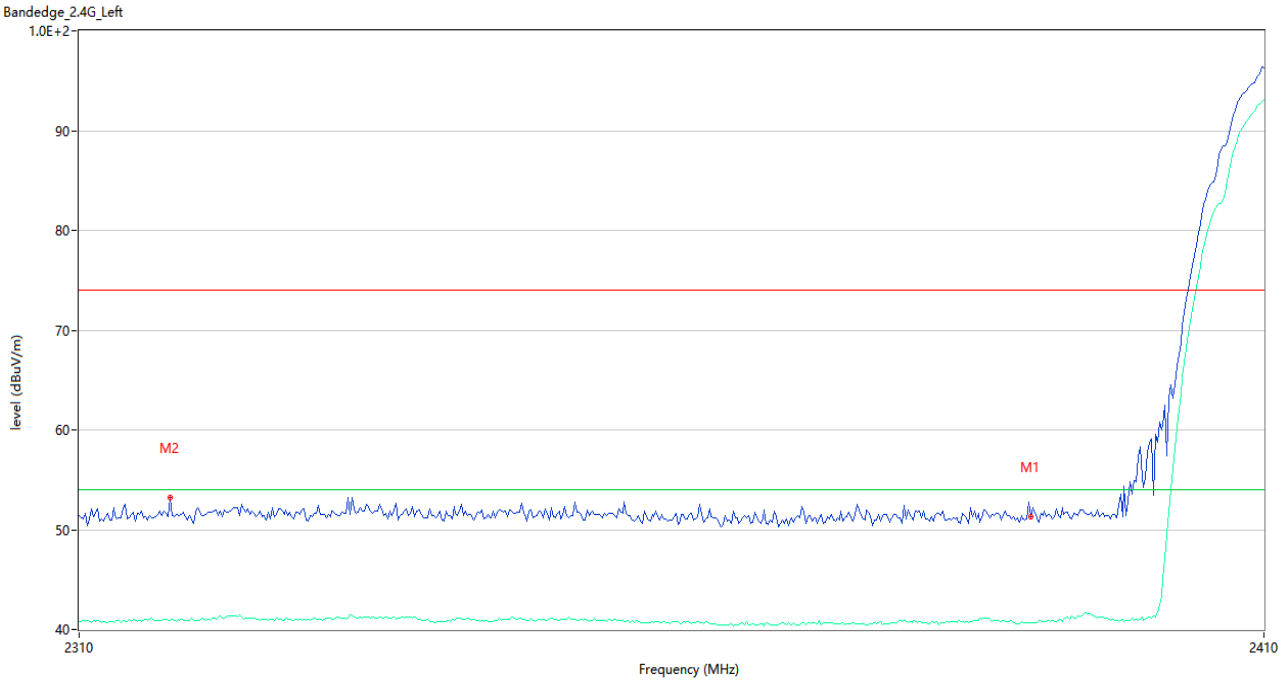
Note [1]: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

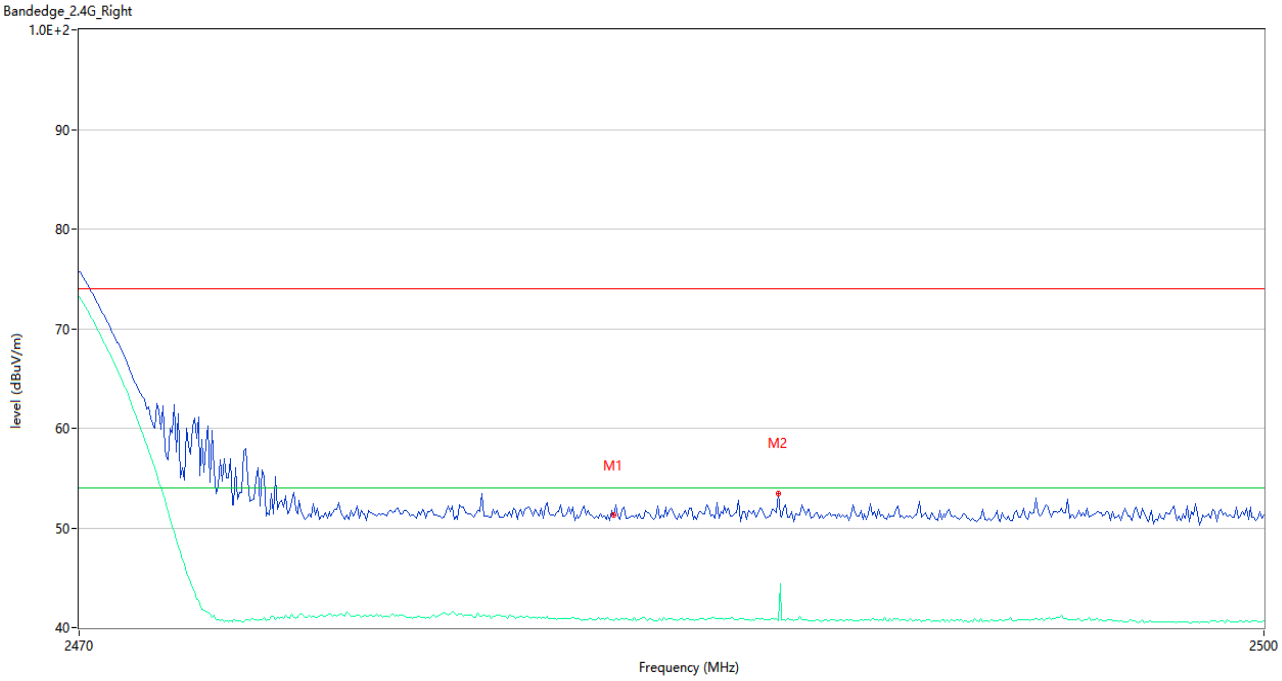
Main Antenna

802.11b LOW CHANNEL



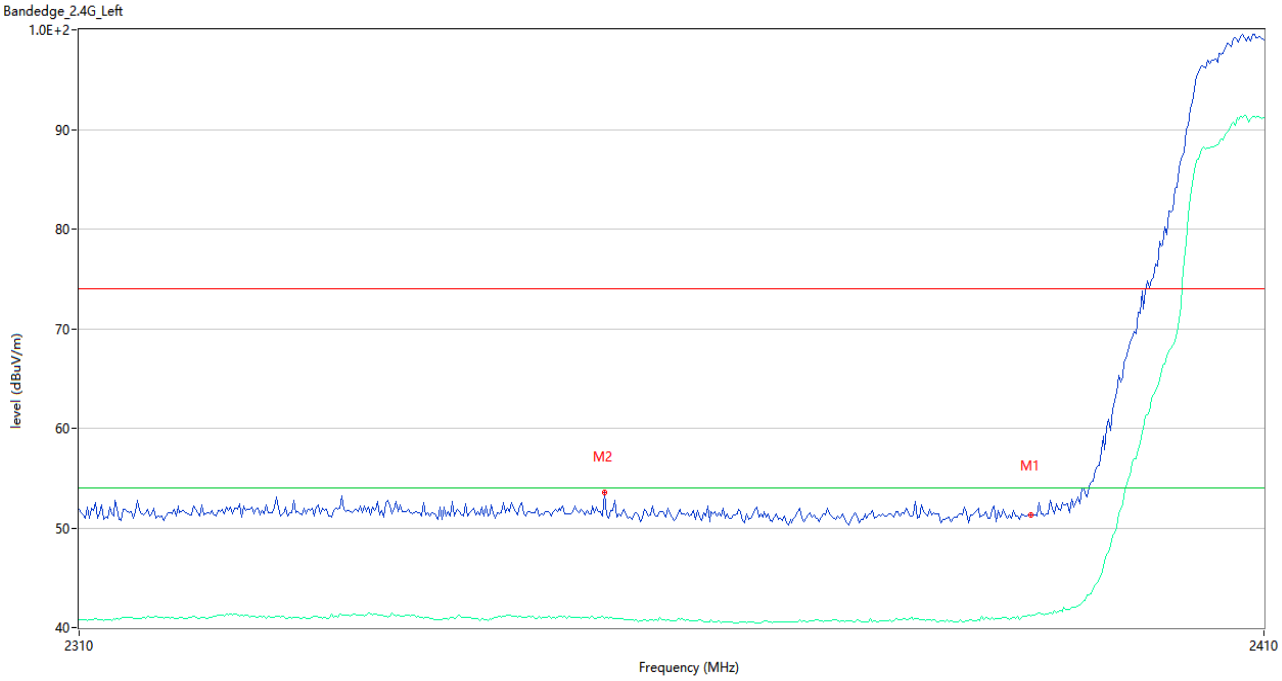
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.30	0.32	74.0	-22.70	Peak	345.00	150	Vertical	Pass
1**	2390.000	40.67	0.32	54.0	-13.33	AV	345.00	150	Vertical	Pass
2	2317.500	53.21	-0.02	74.0	-20.79	Peak	100.00	150	Vertical	Pass
2**	2317.500	40.95	-0.02	54.0	-13.05	AV	100.00	150	Vertical	Pass

802.11b HIGH CHANNEL,



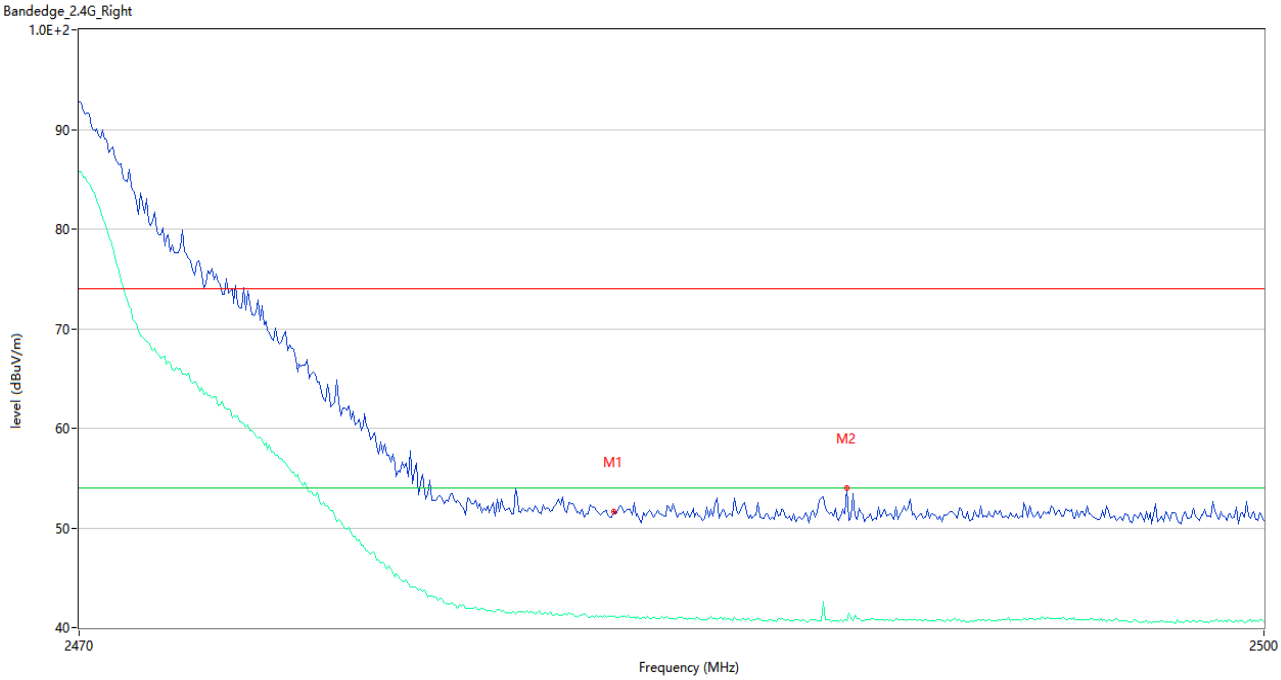
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.26	0.45	74.0	-22.74	Peak	29.00	100	Horizontal	Pass
1**	2483.500	40.72	0.45	54.0	-13.28	AV	29.00	100	Horizontal	Pass
2	2487.650	53.49	0.45	74.0	-20.51	Peak	32.00	100	Horizontal	Pass
2**	2487.650	40.72	0.45	54.0	-13.28	AV	32.00	100	Horizontal	Pass

802.11g LOW CHANNEL



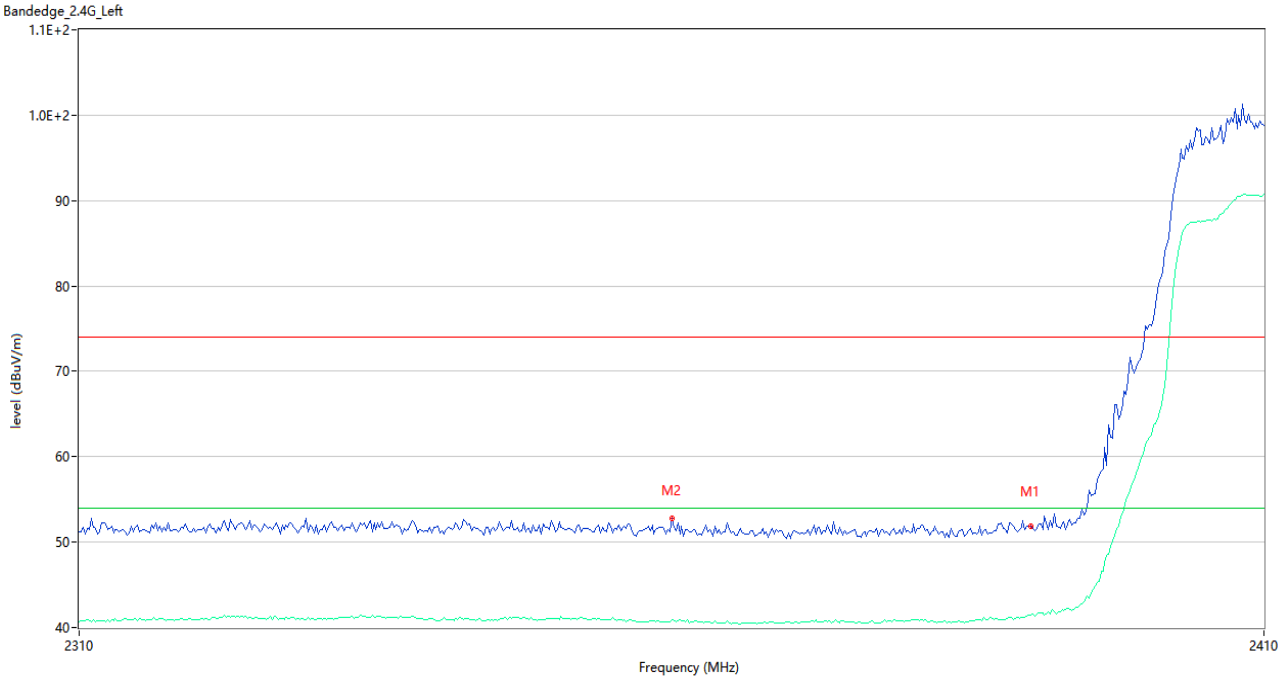
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.28	0.32	74.0	-22.72	Peak	354.00	150	Vertical	Pass
1**	2390.000	41.14	0.32	54.0	-12.86	AV	354.00	150	Vertical	Pass
2	2353.833	53.52	0.80	74.0	-20.48	Peak	87.00	150	Vertical	Pass
2**	2353.833	40.94	0.80	54.0	-13.06	AV	87.00	150	Vertical	Pass

802.11g HIGH CHANNEL,



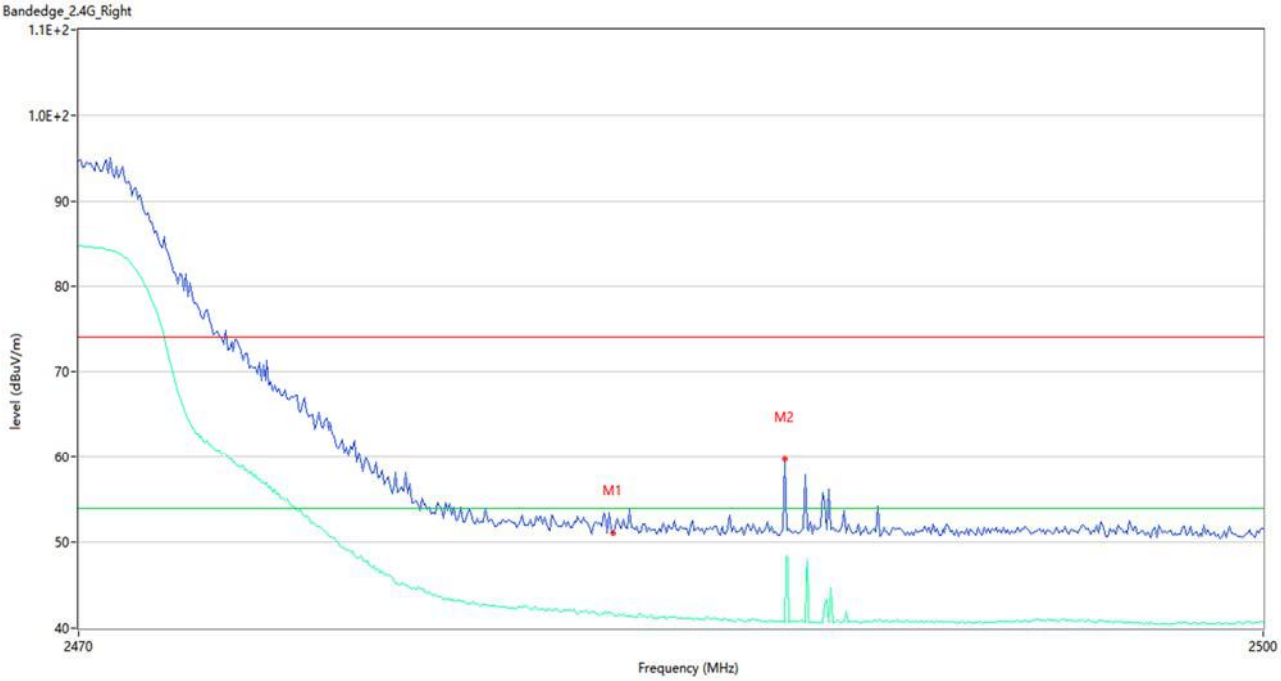
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.63	0.45	74.0	-22.37	Peak	110.00	150	Horizontal	Pass
1**	2483.500	41.13	0.45	54.0	-12.87	AV	110.00	150	Horizontal	Pass
2	2489.400	54.03	0.48	74.0	-19.97	Peak	247.00	150	Horizontal	Pass
2**	2489.400	40.73	0.48	54.0	-13.27	AV	247.00	150	Horizontal	Pass

802.11n-20 LOW CHANNEL



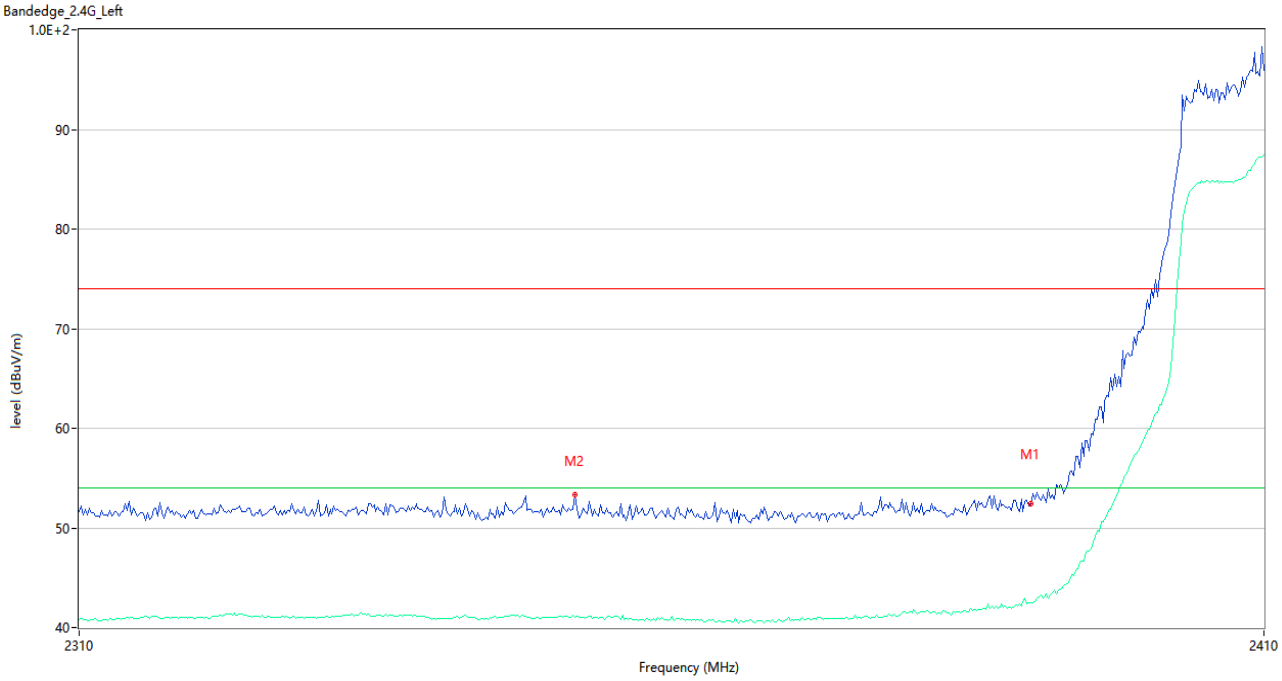
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.85	0.32	74.0	-22.15	Peak	354.00	150	Vertical	Pass
1**	2390.000	41.48	0.32	54.0	-12.52	AV	354.00	150	Vertical	Pass
2	2359.500	52.83	0.39	74.0	-21.17	Peak	39.00	150	Vertical	Pass
2**	2359.500	40.90	0.39	54.0	-13.10	AV	39.00	150	Vertical	Pass

802.11n-20 HIGH CHANNEL,



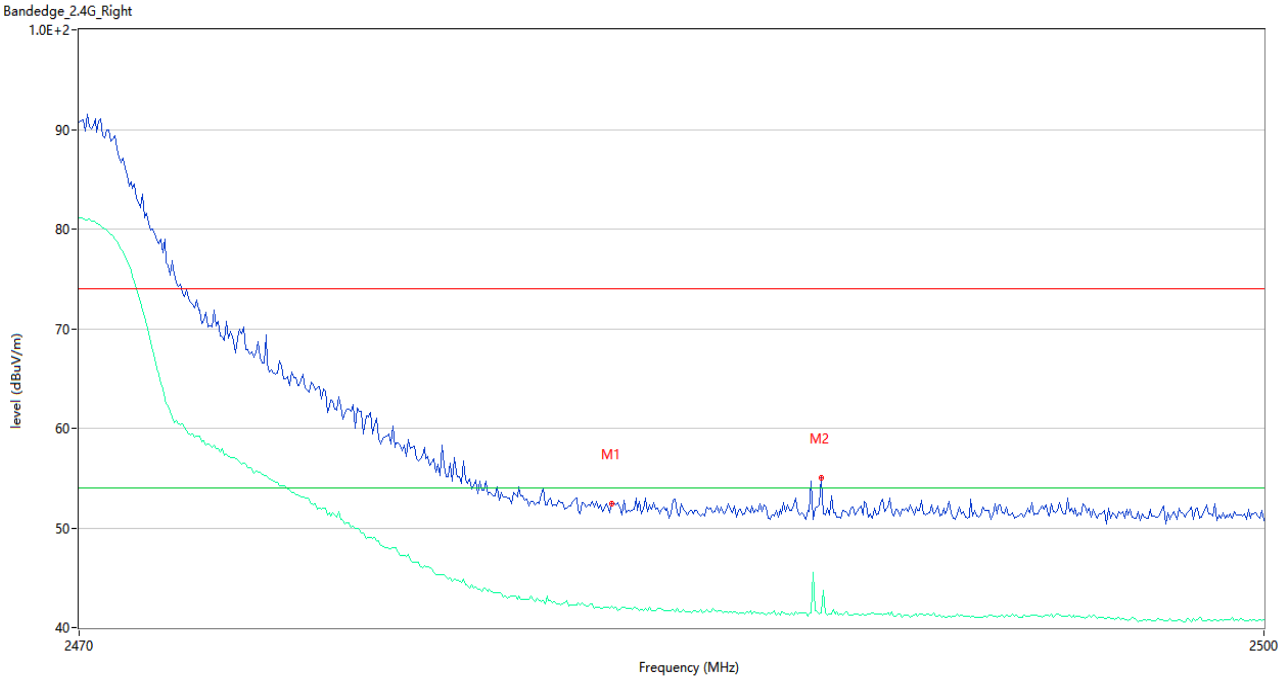
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.09	0.45	74.0	-22.91	Peak	360.00	150	Vertical	Pass
1**	2483.500	41.54	0.45	54.0	-12.46	AV	360.00	150	Vertical	Pass
2	2487.850	59.84	0.44	74.0	-14.16	Peak	235.00	150	Vertical	Pass
2**	2487.850	40.65	0.44	54.0	-13.35	AV	235.00	150	Vertical	Pass

802.11n-40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.43	0.32	74.0	-21.57	Peak	69.00	150	Vertical	Pass
1**	2390.000	42.47	0.32	54.0	-11.53	AV	69.00	150	Vertical	Pass
2	2351.333	53.33	0.90	74.0	-20.67	Peak	43.00	150	Vertical	Pass
2**	2351.333	40.98	0.90	54.0	-13.02	AV	43.00	150	Vertical	Pass

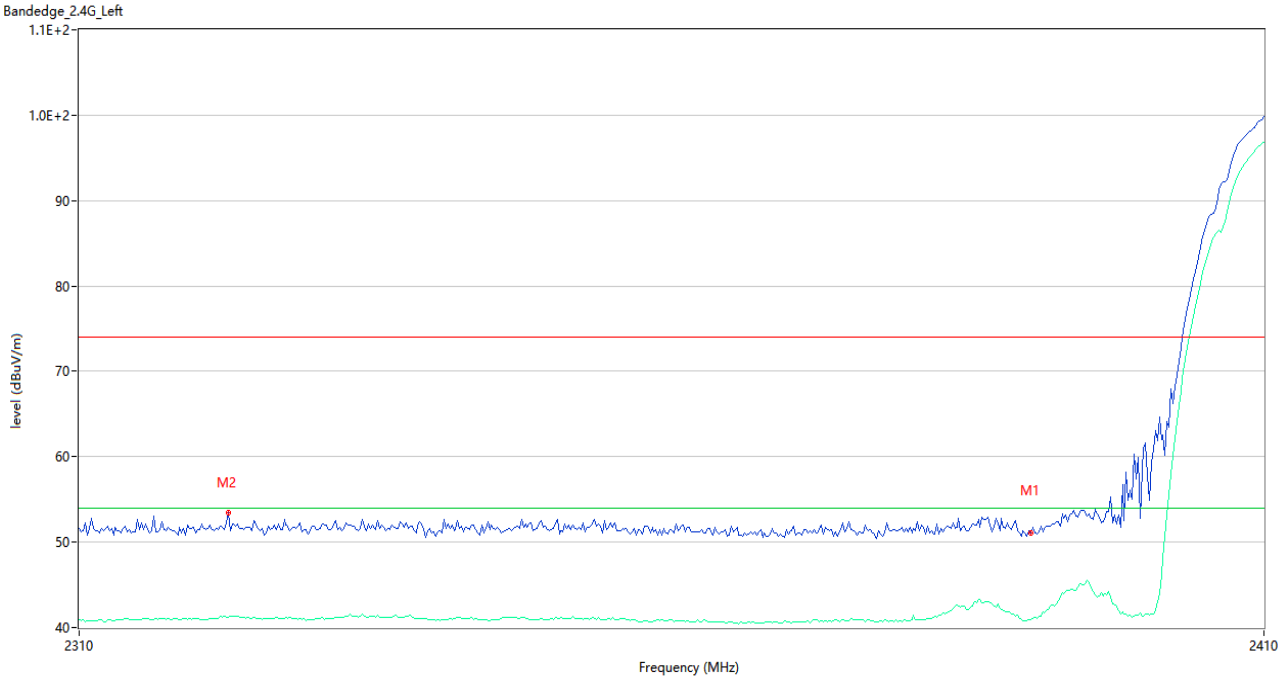
802.11n-40 HIGH CHANNEL,



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.38	0.45	74.0	-21.62	Peak	325.00	150	Vertical	Pass
1**	2483.500	41.89	0.45	54.0	-12.11	AV	325.00	150	Vertical	Pass
2	2488.750	54.99	0.44	74.0	-19.01	Peak	56.00	150	Vertical	Pass
2**	2488.750	41.46	0.44	54.0	-12.54	AV	56.00	150	Vertical	Pass

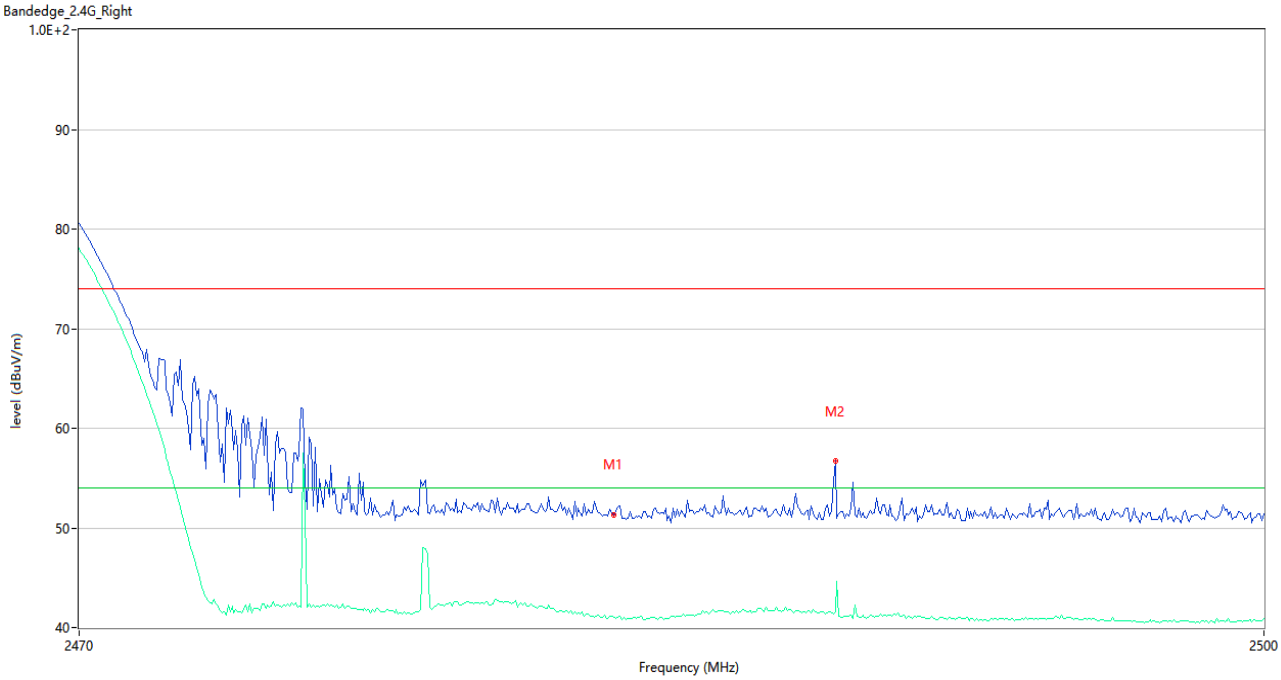
Aux. Antenna

802.11b LOW CHANNEL



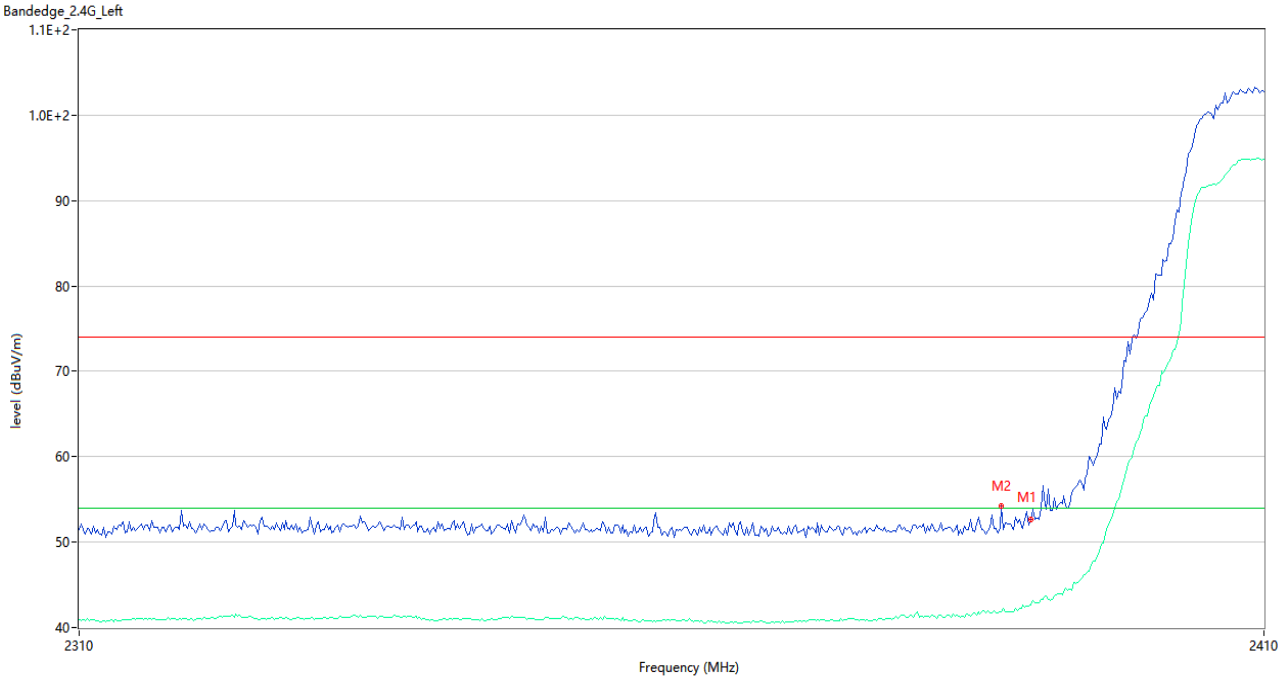
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.06	0.32	74.0	-22.94	Peak	141.00	150	Horizontal	Pass
1**	2390.000	40.97	0.32	54.0	-13.03	AV	141.00	150	Horizontal	Pass
2	2322.333	53.44	0.59	74.0	-20.56	Peak	32.00	150	Horizontal	Pass
2**	2322.333	41.24	0.59	54.0	-12.76	AV	32.00	150	Horizontal	Pass

802.11b HIGH CHANNEL,



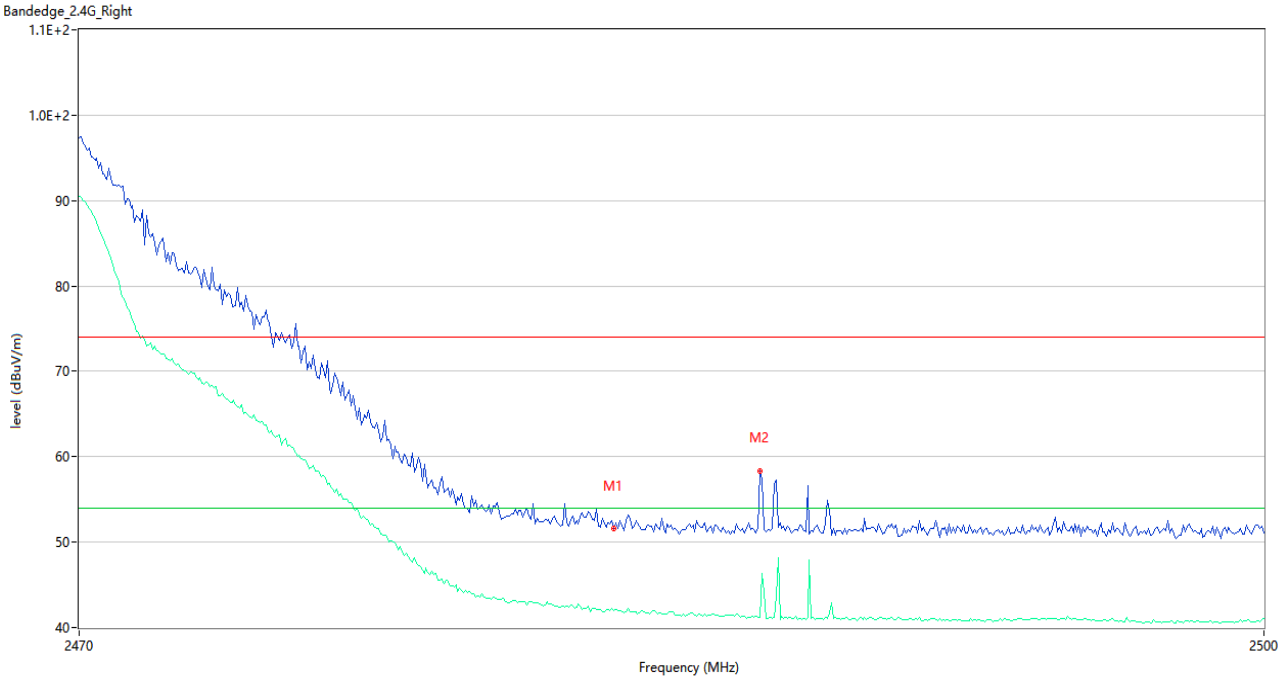
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.35	0.45	74.0	-22.65	Peak	313.00	150	Horizontal	Pass
1**	2483.500	40.97	0.45	54.0	-13.03	AV	313.00	150	Horizontal	Pass
2	2489.100	56.69	0.46	74.0	-17.31	Peak	129.00	150	Horizontal	Pass
2**	2489.100	41.58	0.46	54.0	-12.42	AV	129.00	150	Horizontal	Pass

802.11g LOW CHANNEL



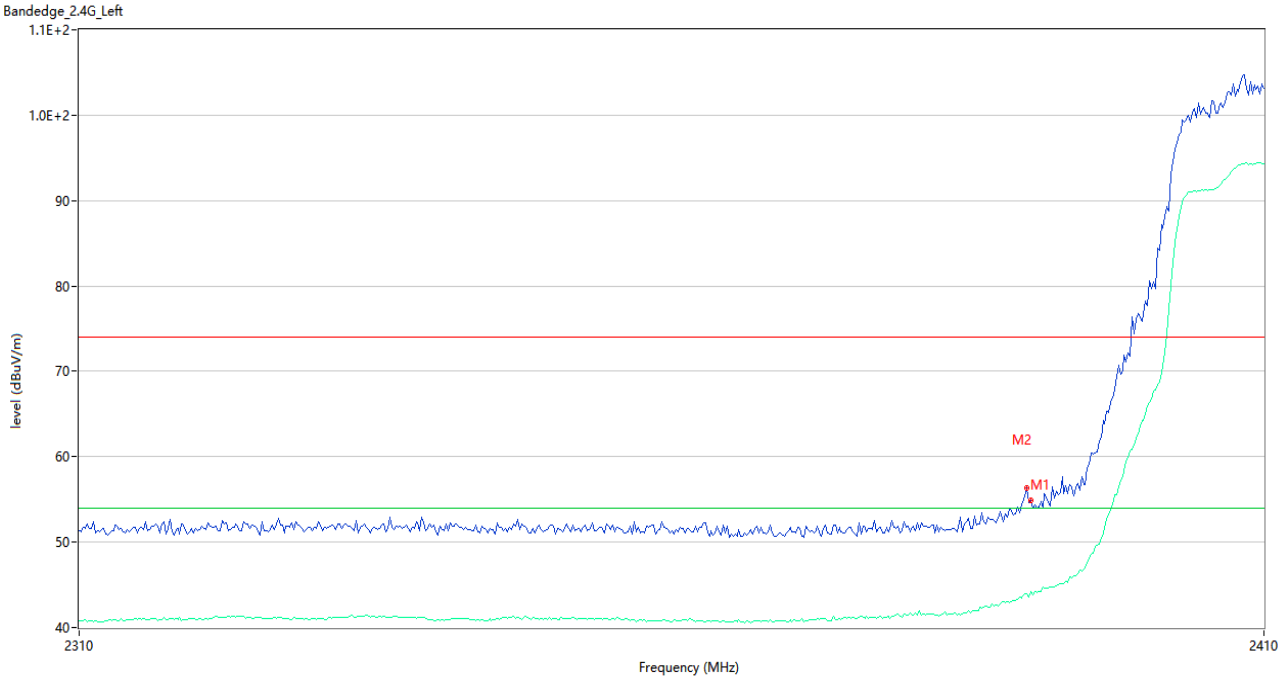
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.63	0.32	74.0	-21.37	Peak	261.00	150	Horizontal	Pass
1**	2390.000	42.63	0.32	54.0	-11.37	AV	261.00	150	Horizontal	Pass
2	2387.500	54.24	0.31	74.0	-19.76	Peak	261.00	150	Horizontal	Pass
2**	2387.500	41.86	0.31	54.0	-12.14	AV	261.00	150	Horizontal	Pass

802.11g HIGH CHANNEL,



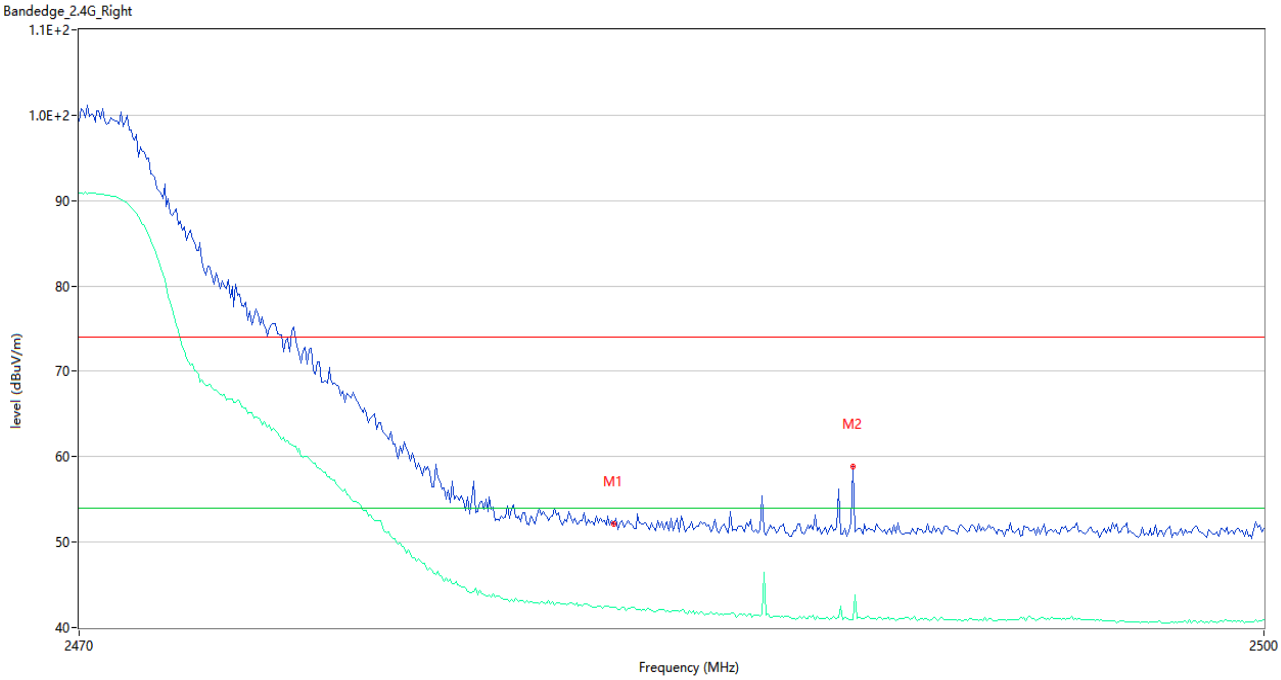
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.65	0.45	74.0	-22.35	Peak	204.00	150	Horizontal	Pass
1**	2483.500	42.04	0.45	54.0	-11.96	AV	204.00	150	Horizontal	Pass
2	2487.200	58.29	0.47	74.0	-15.71	Peak	276.00	150	Horizontal	Pass
2**	2487.200	41.17	0.47	54.0	-12.83	AV	276.00	150	Horizontal	Pass

802.11n-20 LOW CHANNEL



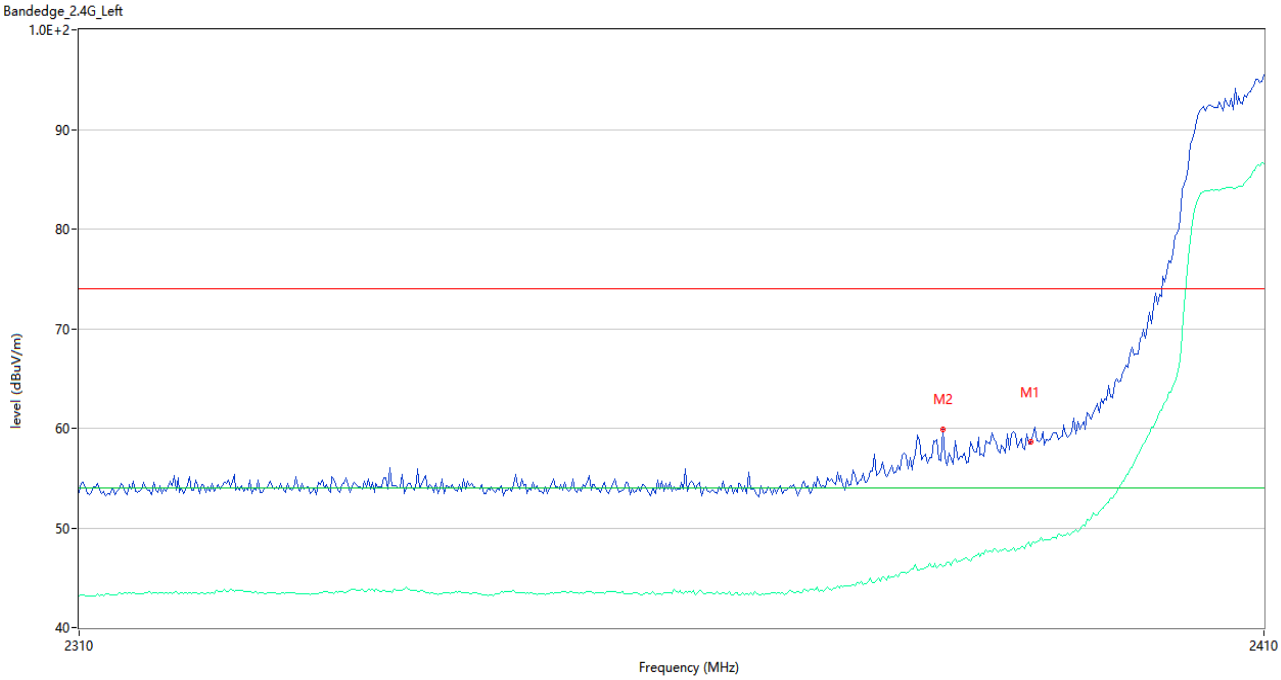
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.86	0.32	74.0	-19.14	Peak	258.00	150	Horizontal	Pass
1**	2390.000	44.22	0.32	54.0	-9.78	AV	258.00	150	Horizontal	Pass
2	2389.667	56.31	0.29	74.0	-17.69	Peak	269.00	150	Horizontal	Pass
2**	2389.667	43.96	0.29	54.0	-10.04	AV	269.00	150	Horizontal	Pass

802.11n-20 HIGH CHANNEL,



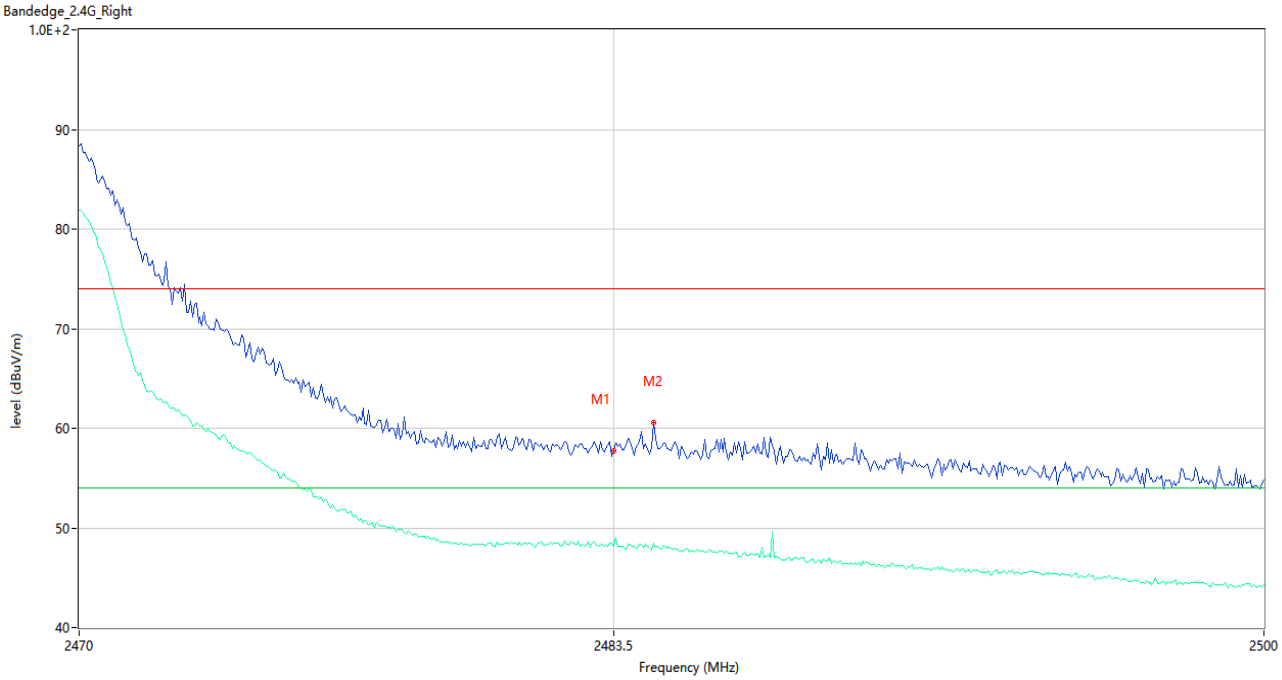
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.08	0.45	74.0	-21.92	Peak	255.00	150	Horizontal	Pass
1**	2483.500	42.37	0.45	54.0	-11.63	AV	255.00	150	Horizontal	Pass
2	2489.550	58.90	0.49	74.0	-15.10	Peak	168.00	150	Horizontal	Pass
2**	2489.550	40.96	0.49	54.0	-13.04	AV	168.00	150	Horizontal	Pass

802.11n-40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.67	0.32	74.0	-15.33	Peak	183.00	150	Vertical	Pass
1**	2390.000	48.11	0.32	54.0	-5.89	AV	183.00	150	Vertical	Pass
2	2382.500	59.83	0.28	74.0	-14.17	Peak	180.00	150	Vertical	Pass
2**	2382.500	46.07	0.28	54.0	-7.93	AV	180.00	150	Vertical	Pass

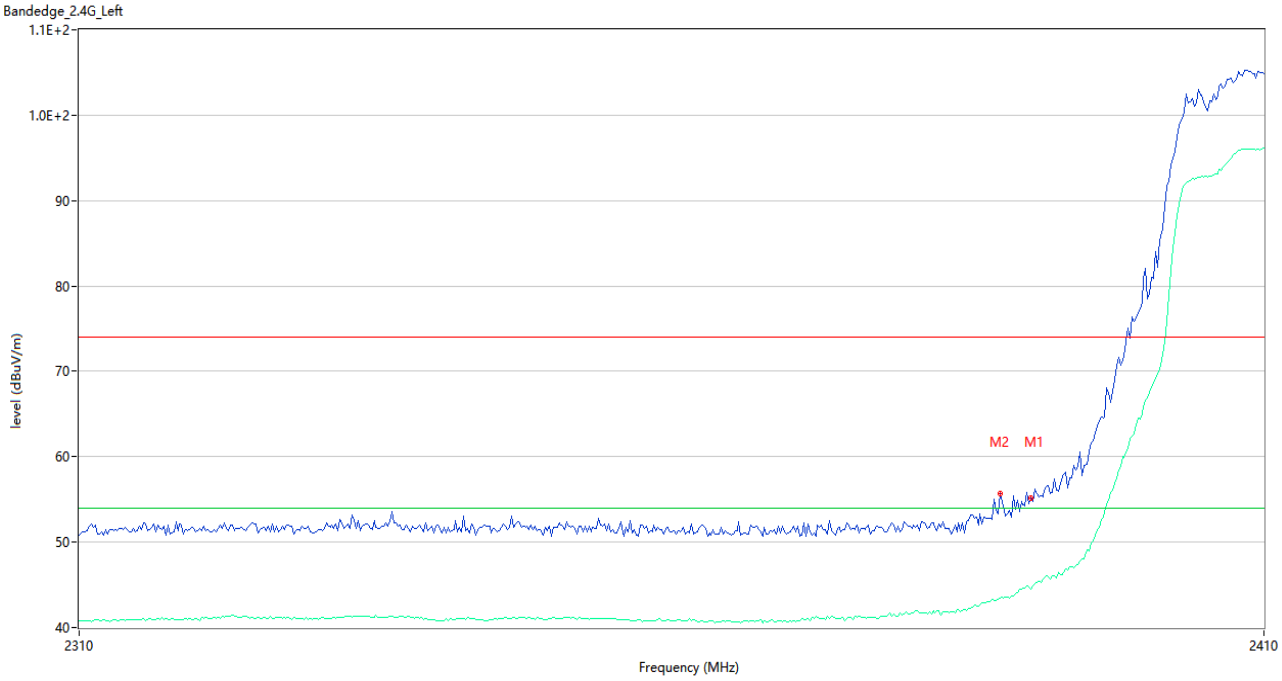
802.11n-40 HIGH CHANNEL,



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.74	0.45	74.0	-16.26	Peak	178.00	150	Vertical	Pass
1**	2483.500	48.11	0.45	54.0	-5.89	AV	178.00	150	Vertical	Pass
2	2484.500	60.53	0.46	74.0	-13.47	Peak	180.00	150	Vertical	Pass
2**	2484.500	48.42	0.46	54.0	-5.58	AV	180.00	100	Vertical	Pass

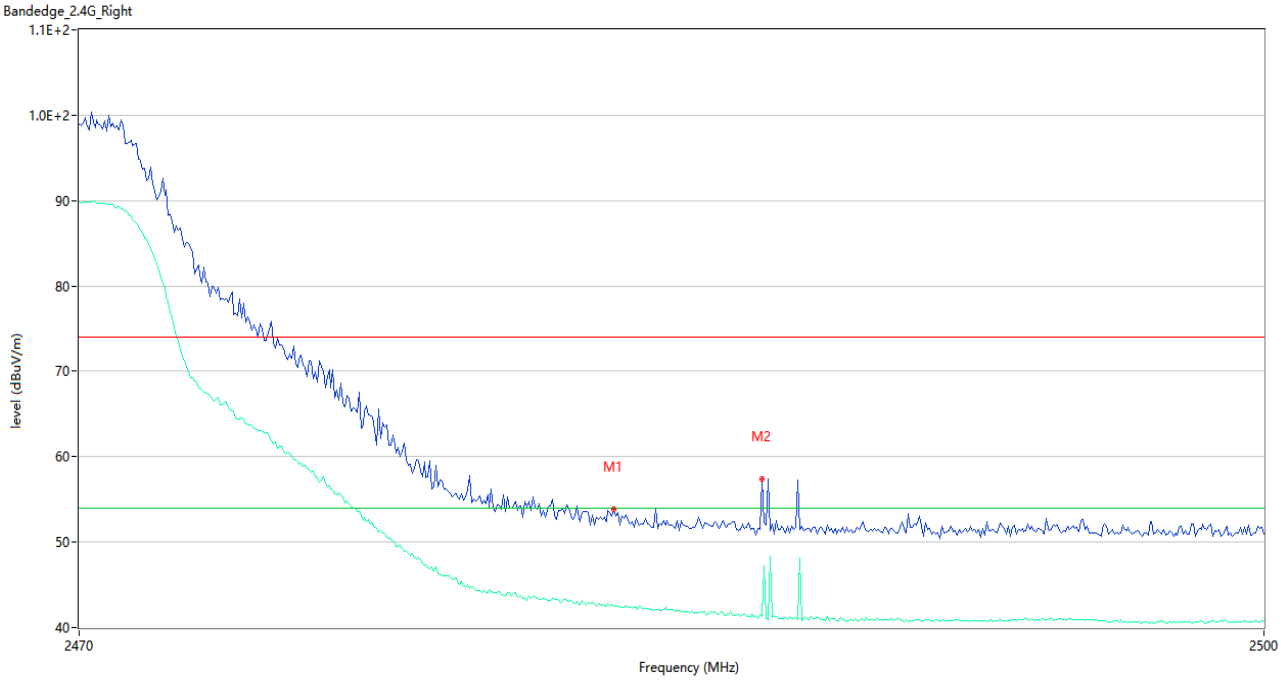
MIMO

802.11n-20 LOW CHANNEL



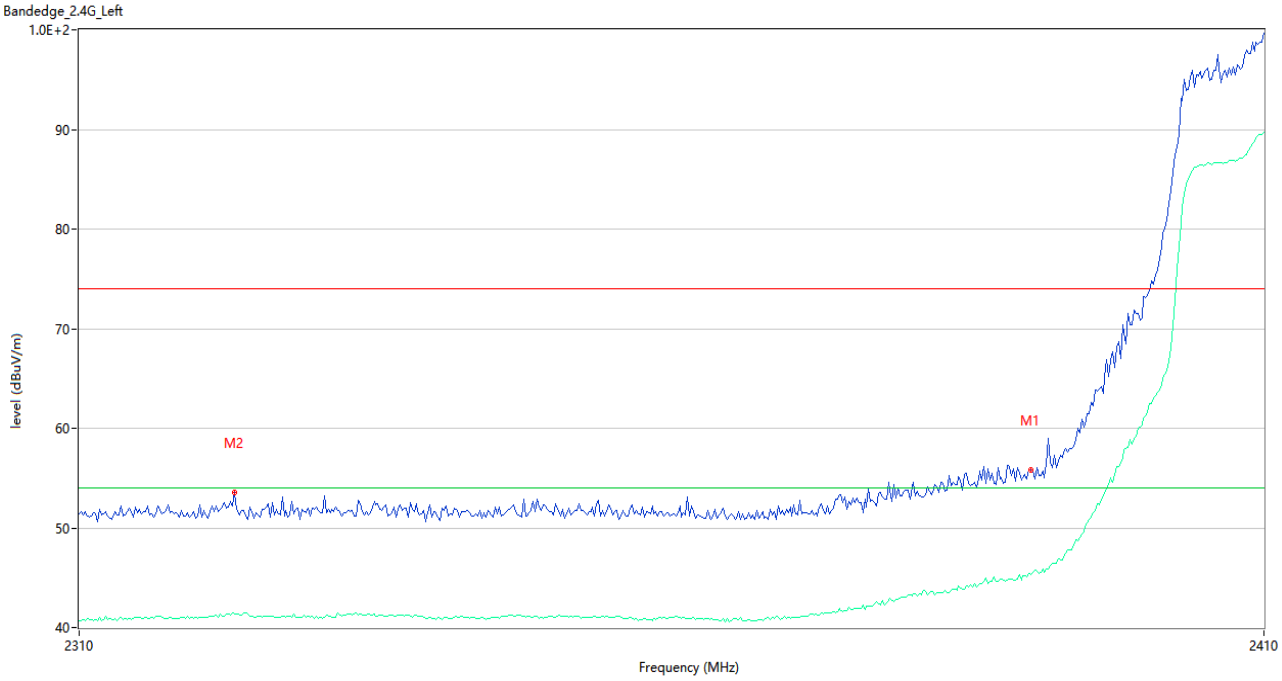
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	55.18	0.32	74.0	-18.82	Peak	252.00	150	Horizontal	Pass
1**	2390.000	44.49	0.32	54.0	-9.51	AV	252.00	150	Horizontal	Pass
2	2387.333	55.64	0.32	74.0	-18.36	Peak	254.00	150	Horizontal	Pass
2**	2387.333	43.37	0.32	54.0	-10.63	AV	254.00	150	Horizontal	Pass

802.11n-20 HIGH CHANNEL,



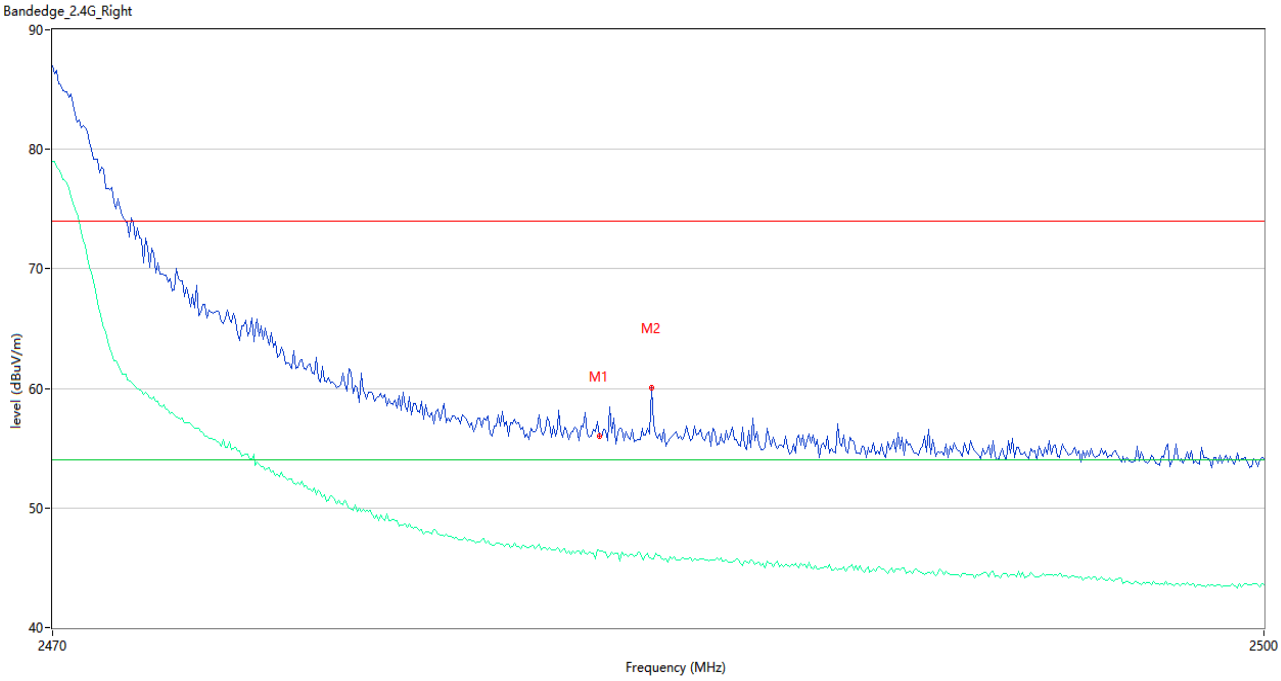
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.88	0.45	74.0	-20.12	Peak	358.00	150	Vertical	Pass
1**	2483.500	42.53	0.45	54.0	-11.47	AV	358.00	150	Vertical	Pass
2	2487.250	57.37	0.47	74.0	-16.63	Peak	274.00	150	Vertical	Pass
2**	2487.250	41.35	0.47	54.0	-12.65	AV	274.00	150	Vertical	Pass

802.11n-40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	55.77	0.32	74.0	-18.23	Peak	357.00	150	Vertical	Pass
1**	2390.000	45.32	0.32	54.0	-8.68	AV	357.00	150	Vertical	Pass
2	2322.833	53.57	0.67	74.0	-20.43	Peak	315.00	150	Vertical	Pass
2**	2322.833	41.34	0.67	54.0	-12.66	AV	315.00	150	Vertical	Pass

802.11n-40 HIGH CHANNEL,



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.00	0.45	74.0	-18.00	Peak	272.00	150	Horizontal	Pass
1**	2483.500	46.40	0.45	54.0	-7.60	AV	272.00	150	Horizontal	Pass
2	2484.800	60.02	0.47	74.0	-13.98	Peak	263.00	150	Horizontal	Pass
2**	2484.800	45.77	0.47	54.0	-8.23	AV	263.00	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	-18.327	8
Middle	-18.681	8
High	-18.670	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.958	8
Middle	-20.745	8
High	-20.410	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.157	8
Middle	-20.914	8
High	-20.953	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.453	8
Middle	-24.300	8
High	-24.413	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.839	8
Middle	-18.890	8
High	-18.794	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.903	8
Middle	-20.905	8
High	-20.561	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.105	8
Middle	-21.075	8
High	-20.931	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.516	8
Middle	-24.774	8
High	-24.761	8

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.346	8
Middle	-20.872	8
High	-20.723	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.565	8
Middle	-24.571	8
High	-24.441	8

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.262	8
Middle	-21.263	8
High	-20.801	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.068	8
Middle	-25.111	8
High	-24.890	8

MIMO

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.29	8
Middle	-18.05	8
High	-17.75	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.80	8
Middle	-21.82	8
High	-21.65	8

Test plots

Main Antenna

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

802.11b HIGH CHANNEL

802.11g LOW CHANNEL

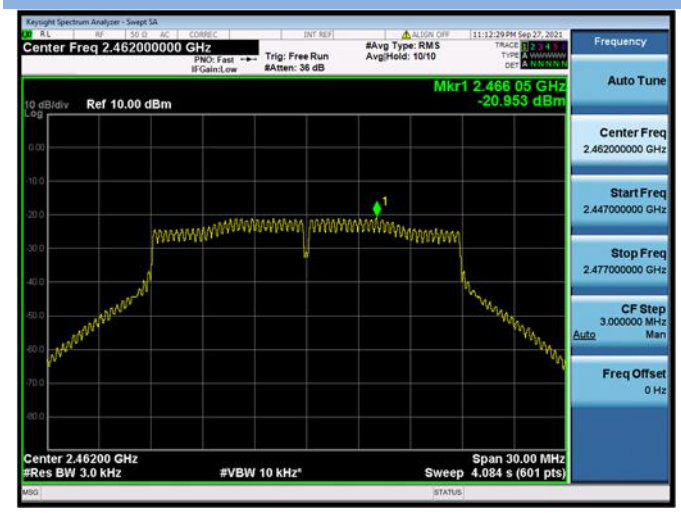
802.11g MIDDLE CHANNEL

802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL

802.11n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

Aux. Antenna

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

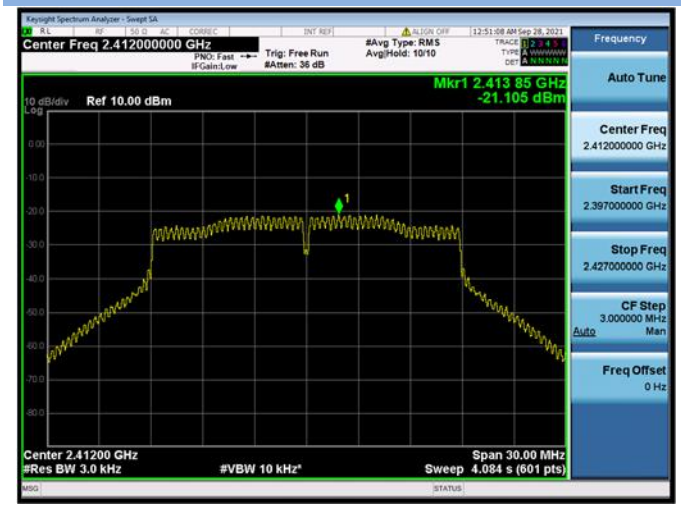
802.11b HIGH CHANNEL

802.11g LOW CHANNEL

802.11g MIDDLE CHANNEL

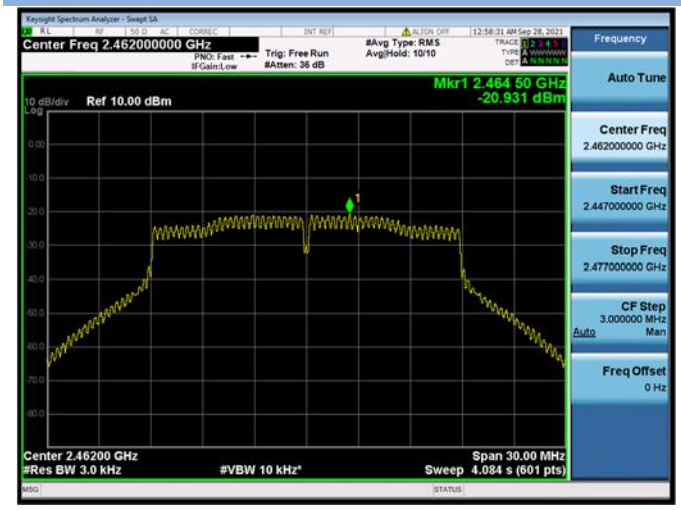
802.11g HIGH CHANNEL

802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL



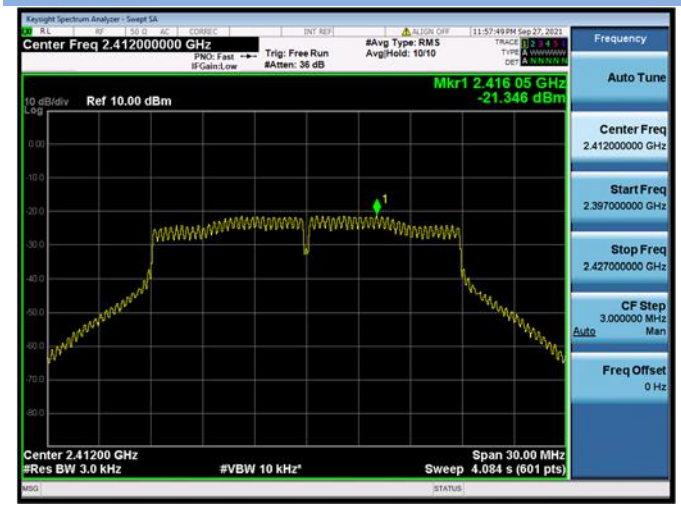
802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

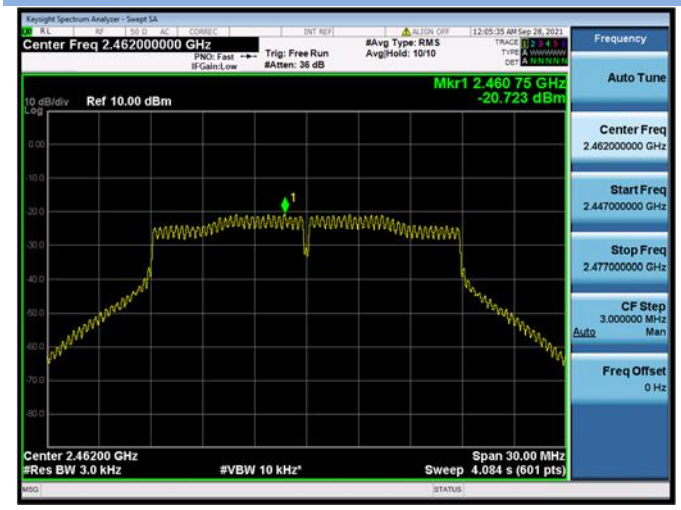
MIMO-Main. Antenna

802.11n-20 MHz LOW CHANNEL



802.11 n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL



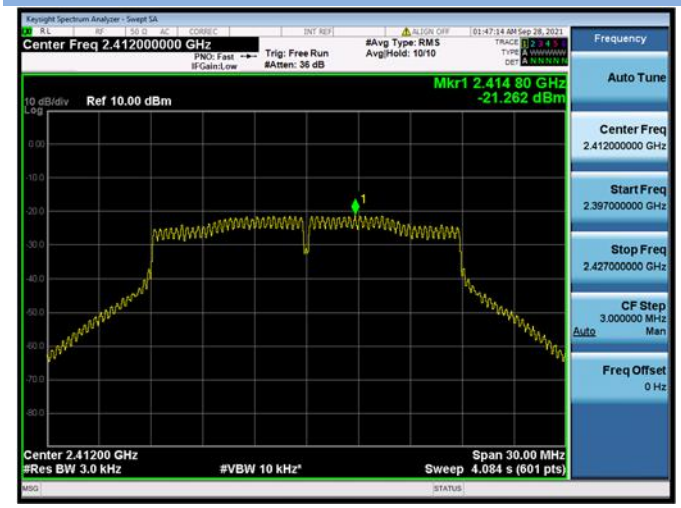
802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

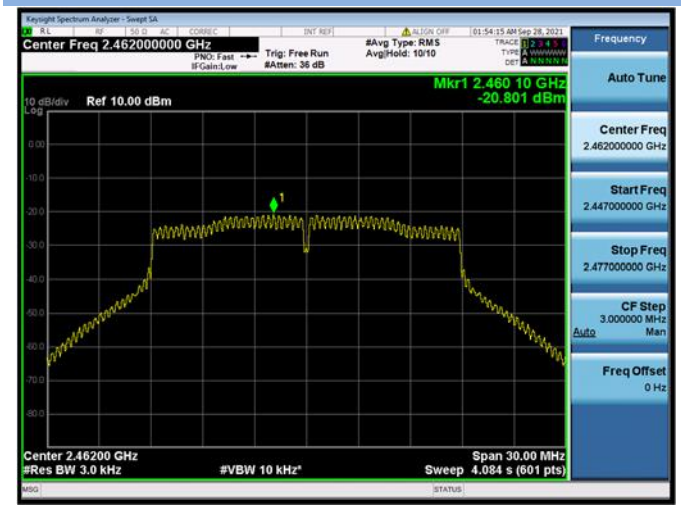
MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL



802.11 n-20 MHz MIDDLE CHANNEL

802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2190897-AR.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2190897-AW.pdf”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2190987-AI.pdf”.

--END OF REPORT--