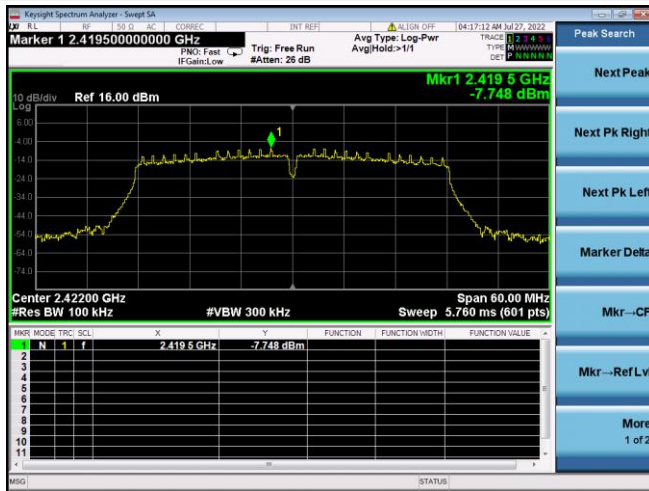


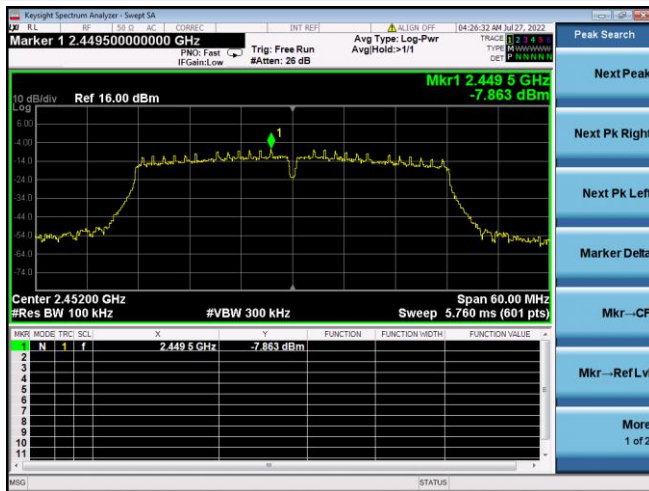
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



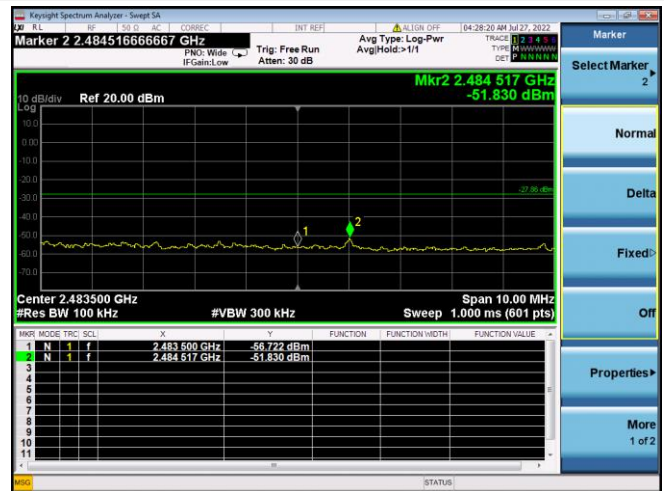
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



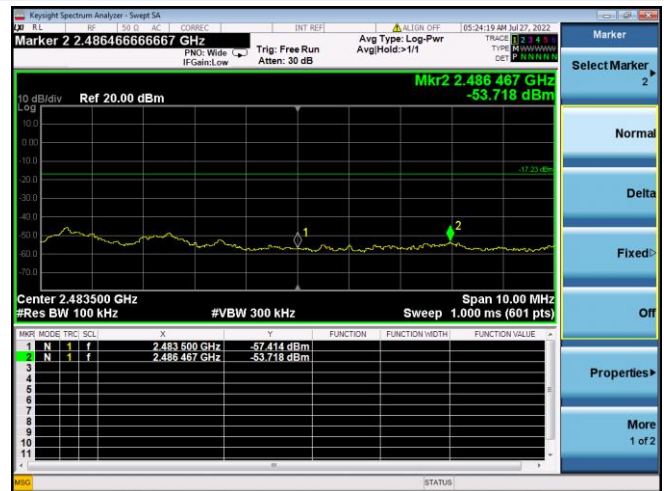
802.11b LOW CHANNEL, BAND EDGE



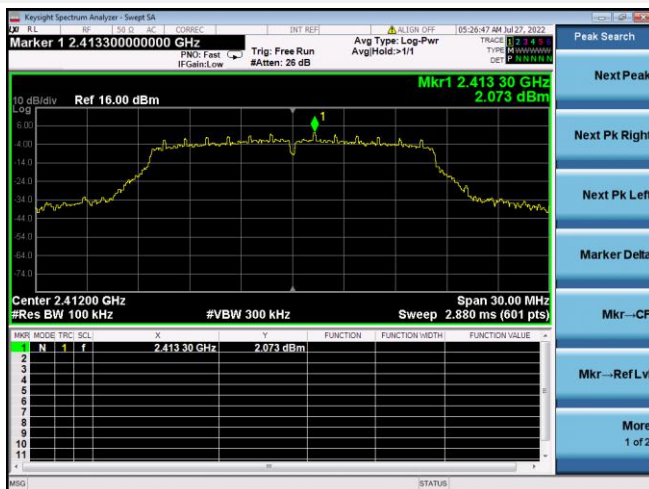
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



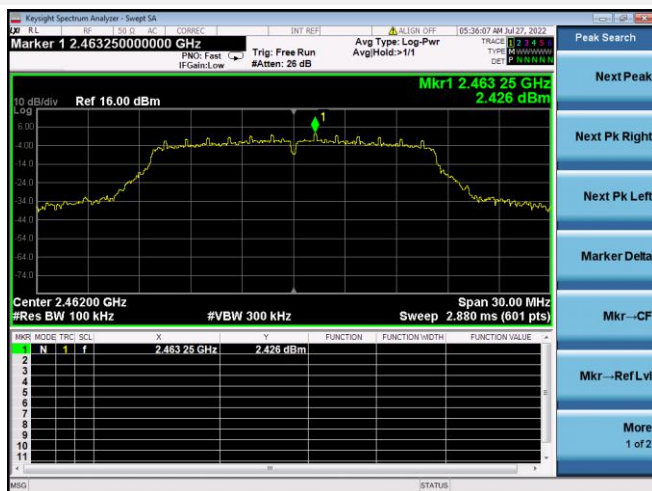
802.11g LOW CHANNEL, CARRIER LEVEL



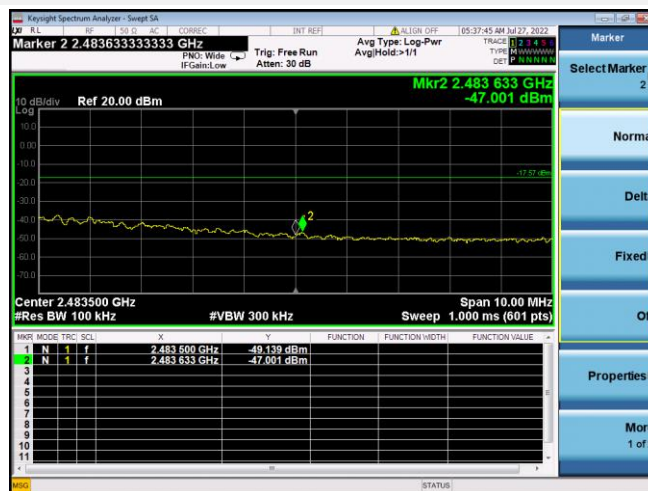
802.11g LOW CHANNEL, BAND EDGE



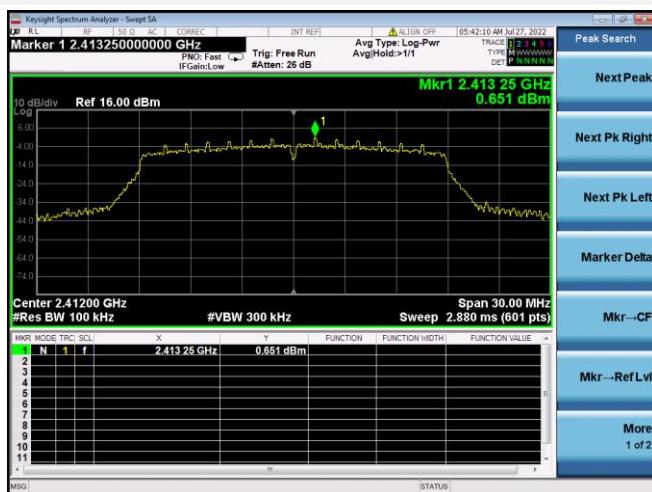
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



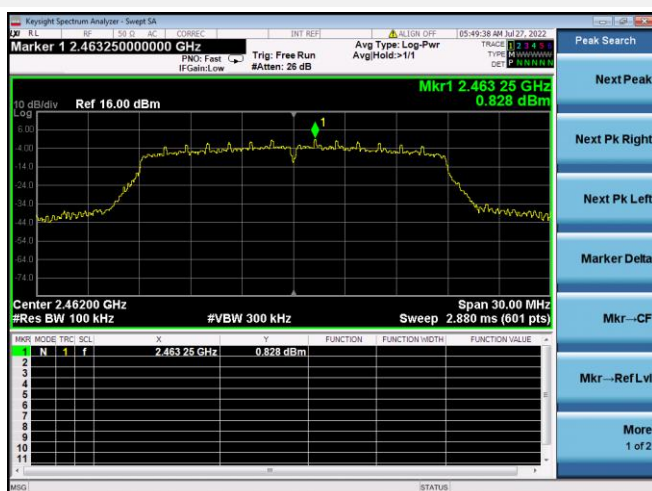
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



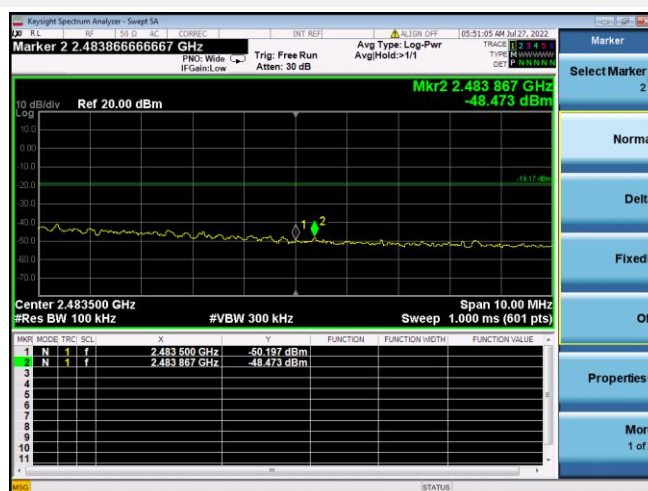
802.11n-20 MHz LOW CHANNEL, BAND EDGE



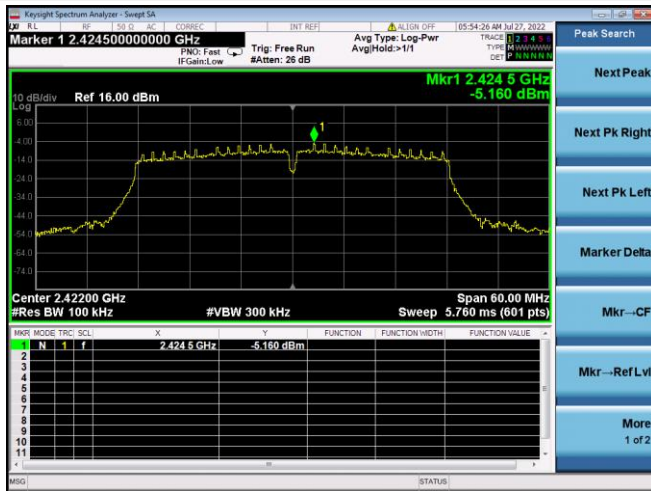
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



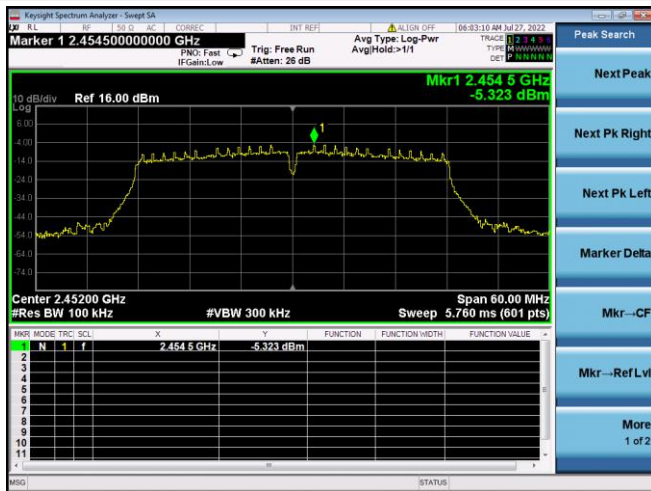
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



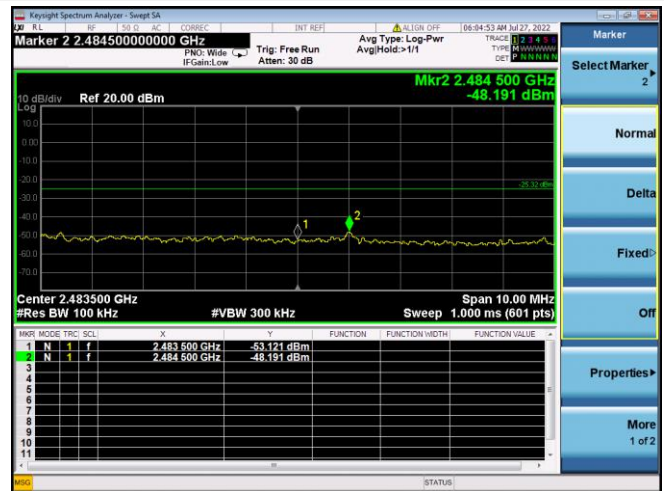
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

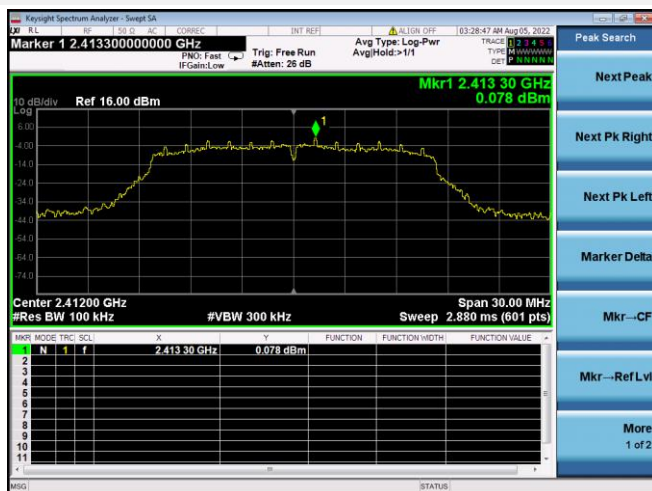


802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Main Antenna

802.11g LOW CHANNEL, CARRIER LEVEL



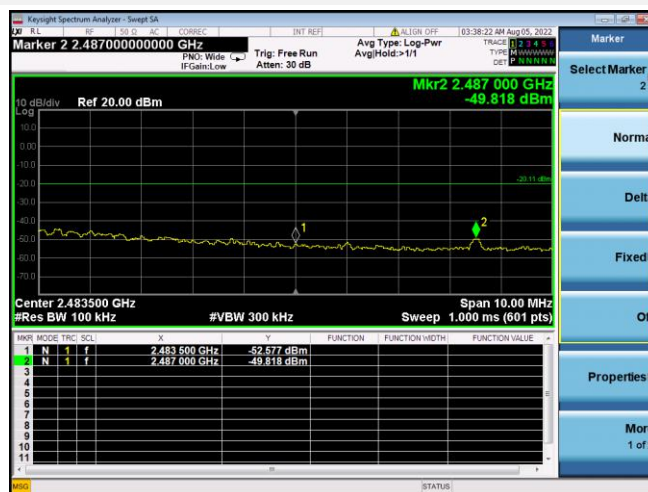
802.11g LOW CHANNEL, BAND EDGE



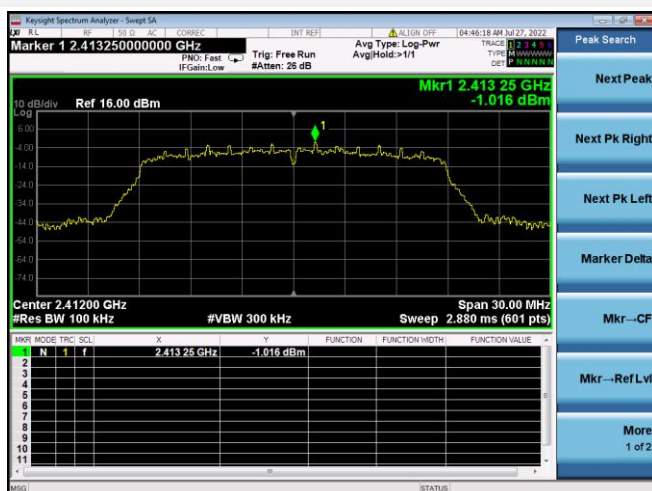
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



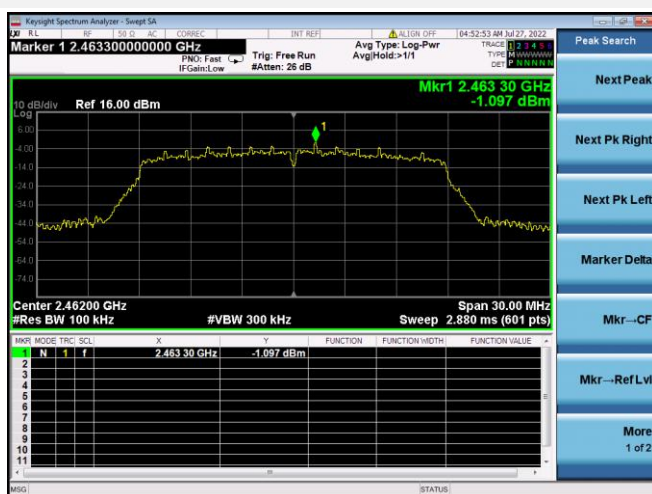
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



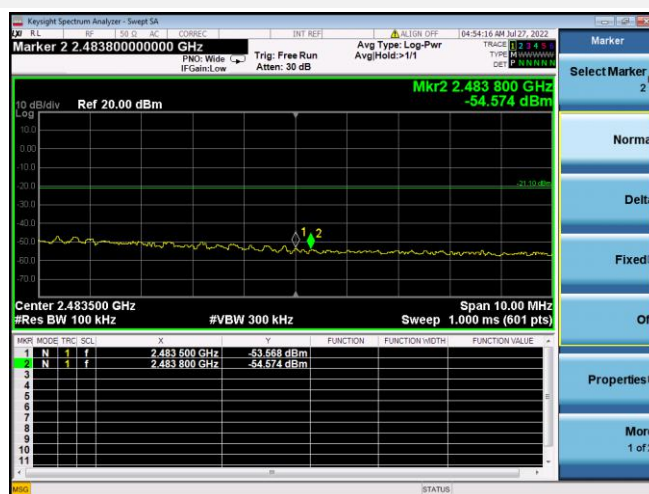
802.11n-20 MHz LOW CHANNEL, BAND EDGE



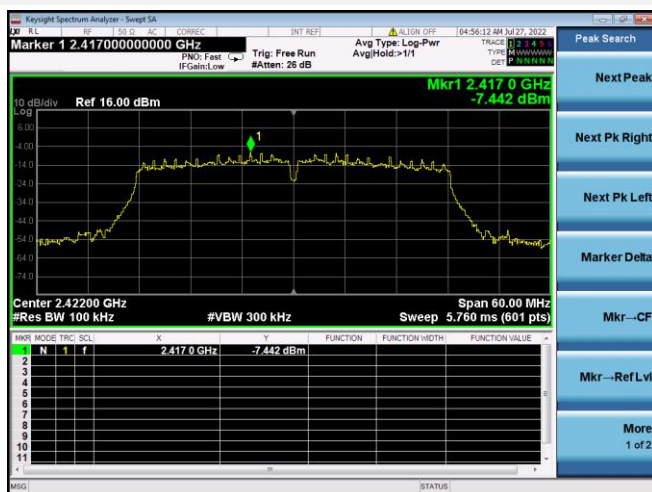
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



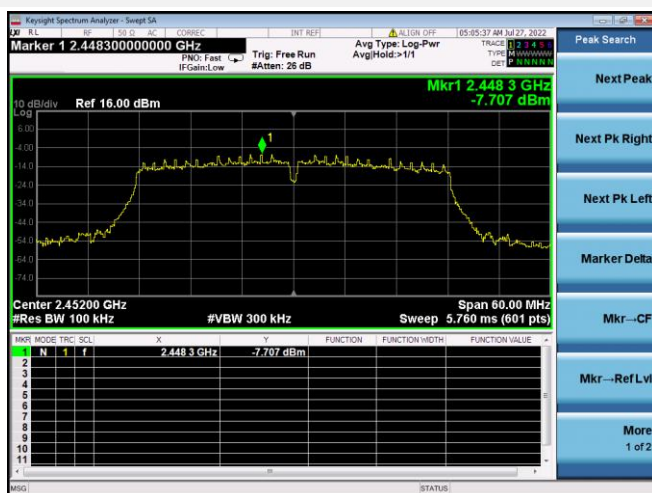
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



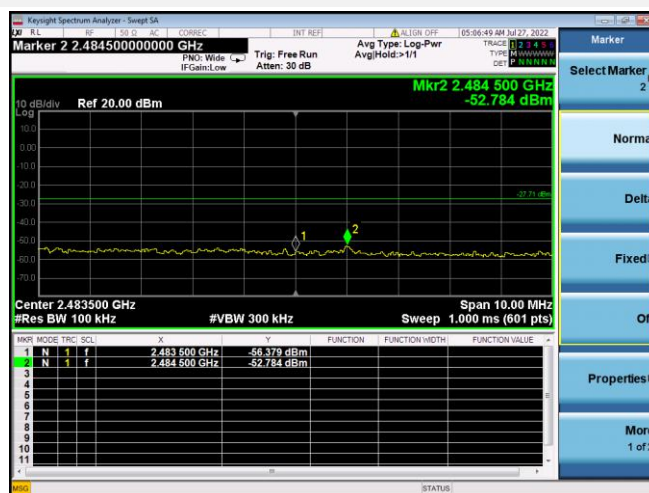
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Aux. Antenna

802.11g LOW CHANNEL, CARRIER LEVEL



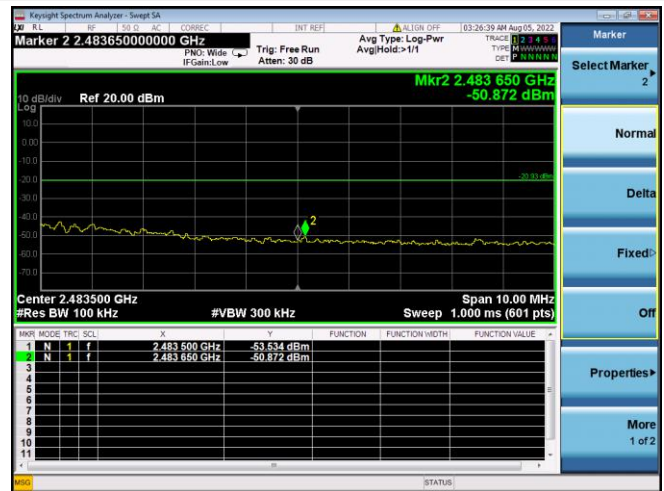
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



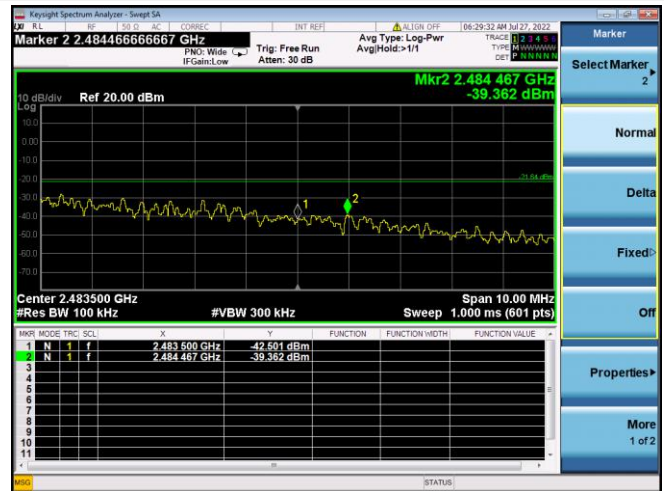
802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



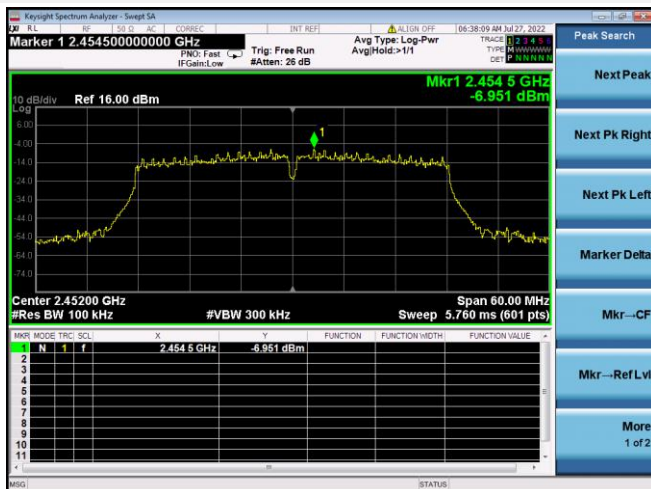
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



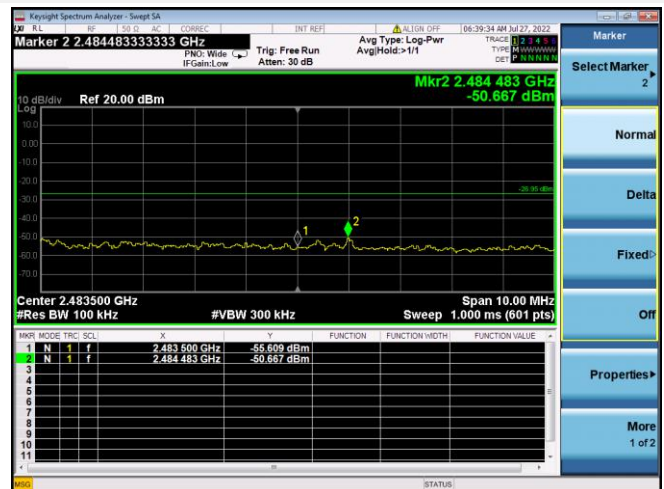
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

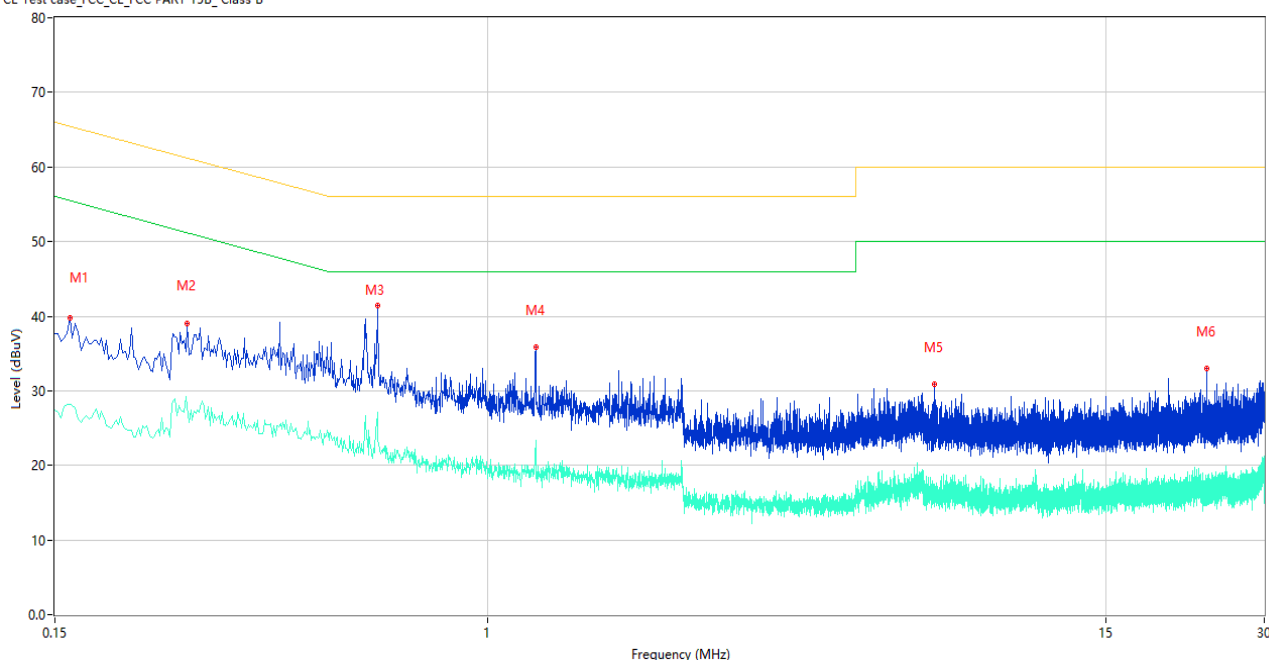
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

PHASE L

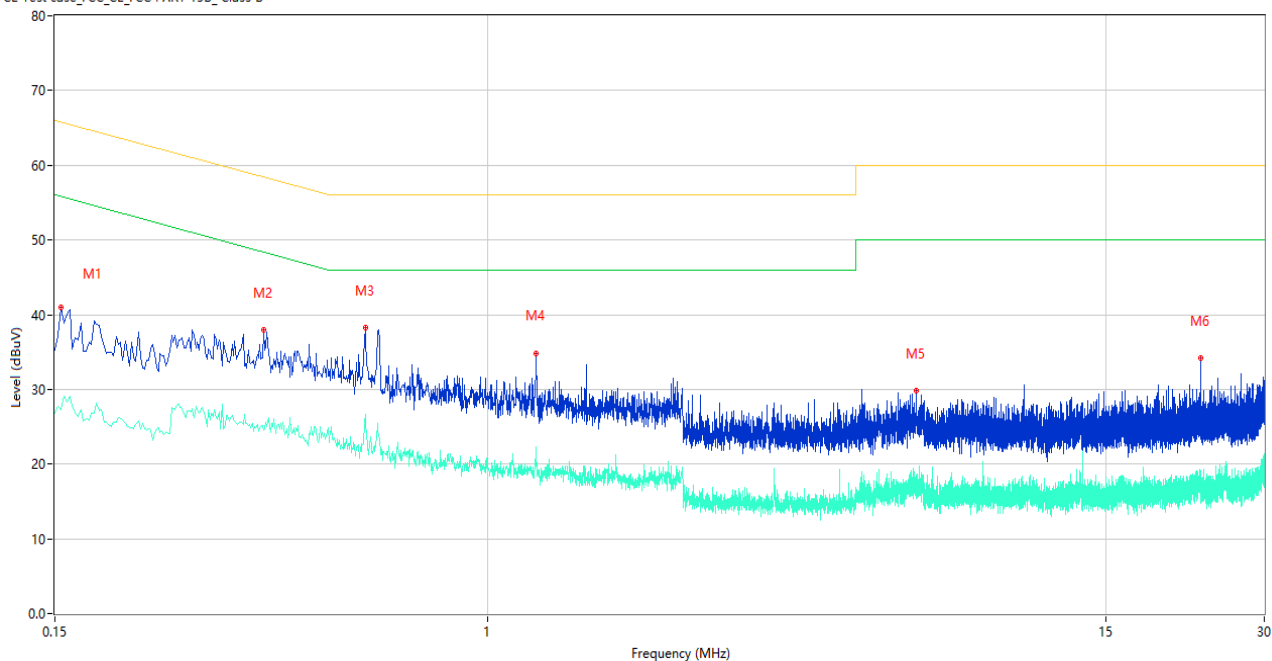
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	39.82	10.17	65.46	-25.64	Peak	L	Pass
1**	0.160	28.17	10.17	55.46	-27.29	AV	L	Pass
2	0.268	39.09	10.06	61.18	-22.09	Peak	L	Pass
2**	0.268	27.81	10.06	51.18	-23.37	AV	L	Pass
3	0.616	41.49	10.48	56.00	-14.51	Peak	L	Pass
3**	0.616	27.09	10.48	46.00	-18.91	AV	L	Pass
4	1.232	35.89	10.08	56.00	-20.11	Peak	L	Pass
4**	1.232	23.38	10.08	46.00	-22.62	AV	L	Pass
5	7.064	30.85	10.28	60.00	-29.15	Peak	L	Pass
5**	7.064	14.46	10.28	50.00	-35.54	AV	L	Pass
6	23.364	32.96	10.53	60.00	-27.04	Peak	L	Pass
6**	23.364	14.69	10.53	50.00	-35.31	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	41.04	10.18	65.78	-24.74	Peak	N	Pass
1**	0.154	27.26	10.18	55.78	-28.52	AV	N	Pass
2	0.374	37.98	10.27	58.41	-20.43	Peak	N	Pass
2**	0.374	24.54	10.27	48.41	-23.87	AV	N	Pass
3	0.584	38.30	10.55	56.00	-17.70	Peak	N	Pass
3**	0.584	26.70	10.55	46.00	-19.30	AV	N	Pass
4	1.236	34.87	10.02	56.00	-21.13	Peak	N	Pass
4**	1.236	20.04	10.02	46.00	-25.96	AV	N	Pass
5	6.528	29.85	10.45	60.00	-30.15	Peak	N	Pass
5**	6.528	17.87	10.45	50.00	-32.13	AV	N	Pass
6	22.688	34.14	10.56	60.00	-25.86	Peak	N	Pass
6**	22.688	19.06	10.56	50.00	-30.94	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.

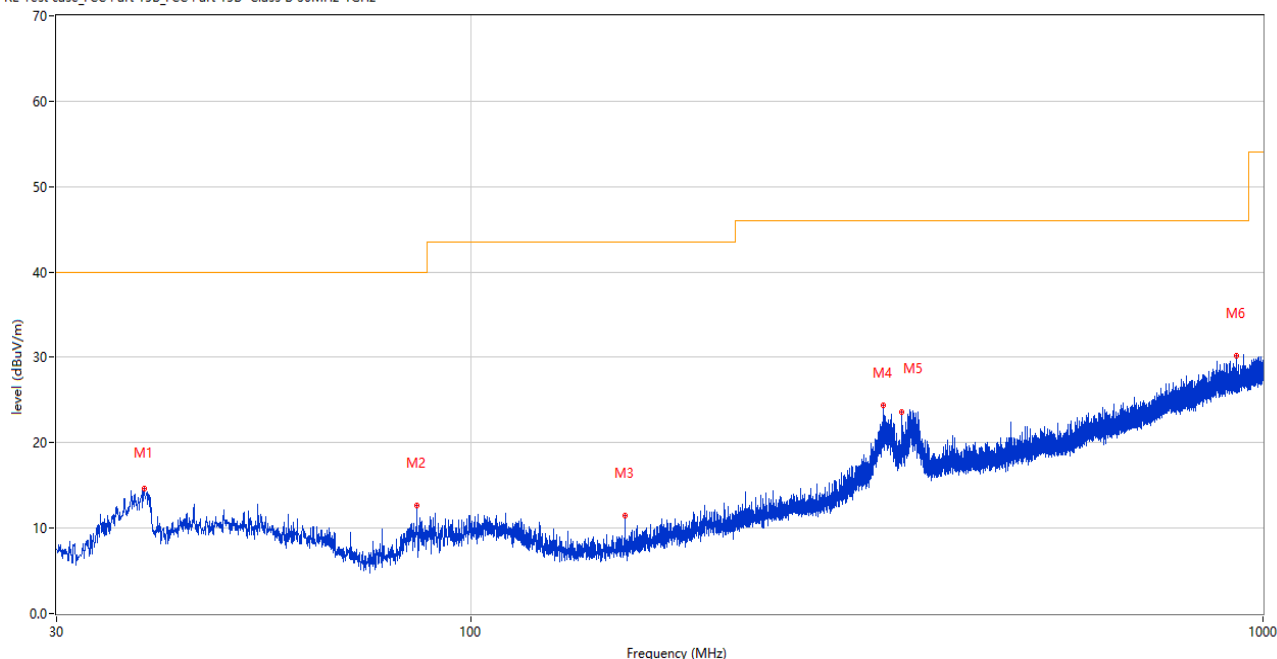
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

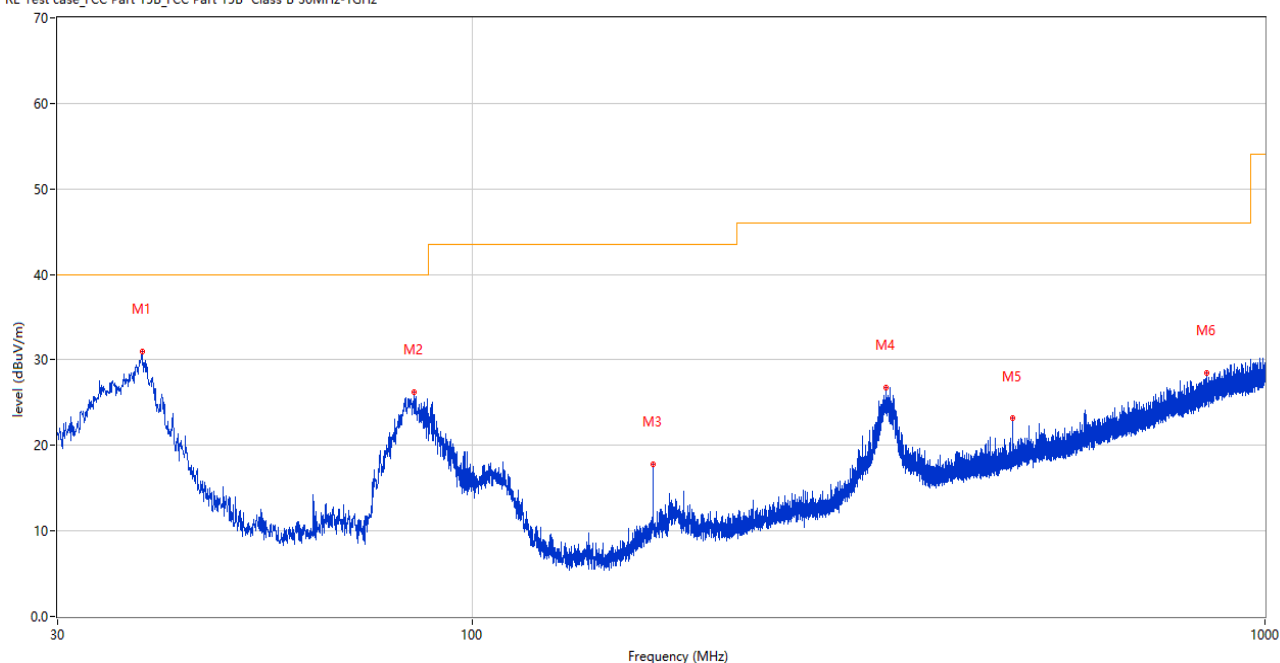
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.681	14.58	-27.05	40.0	-25.42	Peak	41.00	200	Horizontal	Pass
2	85.484	12.66	-29.85	40.0	-27.34	Peak	270.00	200	Horizontal	Pass
3	156.536	11.46	-29.73	43.5	-32.04	Peak	360.00	200	Horizontal	Pass
4	331.427	24.44	-22.78	46.0	-21.56	Peak	165.00	200	Horizontal	Pass
5	349.470	23.56	-21.94	46.0	-22.44	Peak	264.00	100	Horizontal	Pass
6	924.777	30.19	-9.62	46.0	-15.81	Peak	234.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.342	31.00	-27.12	40.0	-9.00	Peak	138.00	100	Vertical	Pass
2	84.417	26.21	-30.03	40.0	-13.79	Peak	75.00	100	Vertical	Pass
3	169.195	17.86	-29.27	43.5	-25.64	Peak	75.00	100	Vertical	Pass
4	332.689	26.73	-22.68	46.0	-19.27	Peak	101.00	100	Vertical	Pass
5	480.031	23.14	-19.19	46.0	-22.86	Peak	170.00	100	Vertical	Pass
6	843.782	28.45	-10.90	46.0	-17.55	Peak	192.00	200	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	1599.800	41.85	-17.74	74.0	-32.15	Peak	353.00	100	Horizontal	Pass
1**	1599.800	35.79	-17.74	54.0	-18.21	AV	353.00	100	Horizontal	Pass
2	2413.200	99.07	-13.42	74.0	25.07	Peak	267.00	200	Horizontal	N/A
2**	2413.200	96.24	-13.42	54.0	42.24	AV	267.00	200	Horizontal	N/A
3	4824.250	49.04	-3.03	74.0	-24.96	Peak	85.00	200	Horizontal	Pass
3**	4824.250	43.05	-3.03	54.0	-10.95	AV	85.00	200	Horizontal	Pass
4	7138.750	52.19	0.52	74.0	-21.81	Peak	348.00	400	Horizontal	Pass
4**	7138.750	42.93	0.52	54.0	-11.07	AV	348.00	400	Horizontal	Pass
5	12437.213	48.86	-2.35	74.0	-25.14	Peak	312.00	300	Horizontal	Pass
5**	12437.213	40.64	-2.35	54.0	-13.36	AV	312.00	300	Horizontal	Pass
6	16504.537	52.43	0.00	74.0	-21.57	Peak	83.00	400	Horizontal	Pass
6**	16504.537	43.32	0.00	54.0	-10.68	AV	83.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	45.24	-17.12	74.0	-28.76	Peak	142.00	400	Vertical	Pass
1**	1328.600	31.71	-17.12	54.0	-22.29	AV	142.00	400	Vertical	Pass
2	2413.200	103.06	-13.42	74.0	29.06	Peak	118.00	100	Vertical	N/A
2**	2413.200	100.12	-13.42	54.0	46.12	AV	118.00	100	Vertical	N/A
3	7860.500	52.44	1.29	74.0	-21.56	Peak	25.00	300	Vertical	Pass
3**	7860.500	42.79	1.29	54.0	-11.21	AV	25.00	300	Vertical	Pass
4	11151.388	48.88	-4.41	74.0	-25.12	Peak	131.00	300	Vertical	Pass
4**	11151.388	39.55	-4.41	54.0	-14.45	AV	131.00	300	Vertical	Pass
5	17468.699	53.30	3.09	74.0	-20.70	Peak	360.00	400	Vertical	Pass
5**	17468.699	43.03	3.09	54.0	-10.97	AV	360.00	400	Vertical	Pass
6	4824.250	51.55	-3.03	74.0	-22.45	Peak	360.00	200	Vertical	Pass
6**	4824.250	47.21	-3.03	54.0	-6.79	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1310.400	42.18	-17.47	74.0	-31.82	Peak	11.00	100	Horizontal	Pass
1**	1310.400	32.36	-17.47	54.0	-21.64	AV	11.00	100	Horizontal	Pass
2	2435.800	101.56	-12.13	74.0	27.56	Peak	267.00	200	Horizontal	N/A
2**	2435.800	98.65	-12.13	54.0	44.65	AV	267.00	200	Horizontal	N/A
3	4873.750	48.96	-3.68	74.0	-25.04	Peak	268.00	200	Horizontal	Pass
3**	4873.750	41.12	-3.68	54.0	-12.88	AV	268.00	200	Horizontal	Pass
4	7703.750	52.35	1.93	74.0	-21.65	Peak	198.00	200	Horizontal	Pass
4**	7703.750	43.08	1.93	54.0	-10.92	AV	198.00	200	Horizontal	Pass
5	12845.550	49.15	-2.09	74.0	-24.85	Peak	173.00	200	Horizontal	Pass
5**	12845.550	40.09	-2.09	54.0	-13.91	AV	173.00	200	Horizontal	Pass
6	17081.512	52.57	1.17	74.0	-21.43	Peak	249.00	400	Horizontal	Pass
6**	17081.512	42.80	1.17	54.0	-11.20	AV	249.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	42.03	-17.74	74.0	-31.97	Peak	0.00	300	Vertical	Pass
1**	1599.800	35.94	-17.74	54.0	-18.06	AV	0.00	300	Vertical	Pass
2	2435.800	105.29	-12.13	74.0	31.29	Peak	306.00	150	Vertical	N/A
2**	2435.800	102.35	-12.13	54.0	48.35	AV	306.00	150	Vertical	N/A
3	4874.250	50.68	-3.64	74.0	-23.32	Peak	0.00	100	Vertical	Pass
3**	4874.250	47.49	-3.64	54.0	-6.51	AV	0.00	100	Vertical	Pass
4	7453.250	52.73	1.04	74.0	-21.27	Peak	360.00	200	Vertical	Pass
4**	7453.250	43.10	1.04	54.0	-10.90	AV	360.00	200	Vertical	Pass
5	10629.599	49.24	-4.52	74.0	-24.76	Peak	106.00	200	Vertical	Pass
5**	10629.599	38.59	-4.52	54.0	-15.41	AV	106.00	200	Vertical	Pass
6	16532.100	53.13	0.02	74.0	-20.87	Peak	306.00	100	Vertical	Pass
6**	16532.100	44.23	0.02	54.0	-9.77	AV	306.00	100	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	1599.300	42.31	-17.68	74.0	-31.69	Peak	88.00	400	Horizontal	Pass
1**	1599.300	32.89	-17.68	54.0	-21.11	AV	88.00	400	Horizontal	Pass
2	2460.900	100.78	-12.61	74.0	26.78	Peak	262.00	100	Horizontal	N/A
2**	2460.900	97.85	-12.61	54.0	43.85	AV	262.00	100	Horizontal	N/A
3	5151.500	50.33	-3.42	74.0	-23.67	Peak	329.00	100	Horizontal	Pass
3**	5151.500	40.87	-3.42	54.0	-13.13	AV	329.00	100	Horizontal	Pass
4	7824.250	52.99	2.00	74.0	-21.01	Peak	22.00	400	Horizontal	Pass
4**	7824.250	44.02	2.00	54.0	-9.98	AV	22.00	400	Horizontal	Pass
5	12523.187	48.88	-2.31	74.0	-25.12	Peak	31.00	300	Horizontal	Pass
5**	12523.187	39.07	-2.31	54.0	-14.93	AV	31.00	300	Horizontal	Pass
6	16906.687	53.01	1.41	74.0	-20.99	Peak	242.00	200	Horizontal	Pass
6**	16906.687	44.08	1.41	54.0	-9.92	AV	242.00	200	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	1599.900	42.14	-17.75	74.0	-31.86	Peak	265.00	400	Vertical	Pass
1**	1599.900	35.81	-17.75	54.0	-18.19	AV	265.00	400	Vertical	Pass
2	2460.700	105.39	-12.62	74.0	31.39	Peak	327.00	100	Vertical	N/A
2**	2460.700	102.56	-12.62	54.0	48.56	AV	327.00	100	Vertical	N/A
3	4924.250	51.21	-3.74	74.0	-22.79	Peak	5.00	100	Vertical	Pass
3**	4924.250	47.47	-3.74	54.0	-6.53	AV	5.00	100	Vertical	Pass
4	7506.750	52.87	0.10	74.0	-21.13	Peak	152.00	200	Vertical	Pass
4**	7506.750	43.87	0.10	54.0	-10.13	AV	152.00	200	Vertical	Pass
5	12852.901	49.20	-2.08	74.0	-24.80	Peak	55.00	300	Vertical	Pass
5**	12852.901	39.30	-2.08	54.0	-14.70	AV	55.00	300	Vertical	Pass
6	16501.913	53.09	0.00	74.0	-20.91	Peak	129.00	100	Vertical	Pass
6**	16501.913	43.24	0.00	54.0	-10.76	AV	129.00	100	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	1508.800	42.76	-17.39	74.0	-31.24	Peak	360.00	400	Horizontal	Pass
1**	1508.800	33.17	-17.39	54.0	-20.83	AV	360.00	400	Horizontal	Pass
2	2412.800	106.33	-13.42	74.0	32.33	Peak	267.00	150	Horizontal	N/A
2**	2412.800	99.37	-13.42	54.0	45.37	AV	267.00	150	Horizontal	N/A
3	4821.000	49.83	-3.13	74.0	-24.17	Peak	51.00	200	Horizontal	Pass
3**	4821.000	42.14	-3.13	54.0	-11.86	AV	51.00	200	Horizontal	Pass
4	7689.500	52.87	1.63	74.0	-21.13	Peak	356.00	200	Horizontal	Pass
4**	7689.500	42.47	1.63	54.0	-11.53	AV	356.00	200	Horizontal	Pass
5	12628.400	49.05	-2.44	74.0	-24.95	Peak	325.00	100	Horizontal	Pass
5**	12628.400	39.79	-2.44	54.0	-14.21	AV	325.00	100	Horizontal	Pass
6	17306.212	52.73	2.00	74.0	-21.27	Peak	360.00	300	Horizontal	Pass
6**	17306.212	43.76	2.00	54.0	-10.24	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1434.400	41.52	-17.41	74.0	-32.48	Peak	316.00	300	Vertical	Pass
1**	1434.400	31.56	-17.41	54.0	-22.44	AV	316.00	300	Vertical	Pass
2	2413.100	108.76	-13.42	74.0	34.76	Peak	16.00	150	Vertical	N/A
2**	2413.100	101.52	-13.42	54.0	47.52	AV	16.00	150	Vertical	N/A
3	4825.000	51.99	-3.04	74.0	-22.01	Peak	360.00	100	Vertical	Pass
3**	4825.000	47.96	-3.04	54.0	-6.04	AV	360.00	100	Vertical	Pass
4	7507.250	53.24	0.21	74.0	-20.76	Peak	199.00	100	Vertical	Pass
4**	7507.250	43.45	0.21	54.0	-10.55	AV	199.00	100	Vertical	Pass
5	10808.674	48.71	-5.25	74.0	-25.29	Peak	166.00	200	Vertical	Pass
5**	10808.674	38.32	-5.25	54.0	-15.68	AV	166.00	200	Vertical	Pass
6	17042.400	52.74	0.86	74.0	-21.26	Peak	217.00	100	Vertical	Pass
6**	17042.400	43.35	0.86	54.0	-10.65	AV	217.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	42.01	-17.75	74.0	-31.99	Peak	74.00	200	Horizontal	Pass
1**	1599.900	35.74	-17.75	54.0	-18.26	AV	74.00	200	Horizontal	Pass
2	2438.000	106.83	-12.39	74.0	32.83	Peak	267.00	150	Horizontal	N/A
2**	2438.000	99.13	-12.39	54.0	45.13	AV	267.00	150	Horizontal	N/A
3	4454.750	48.43	-4.23	74.0	-25.57	Peak	322.00	300	Horizontal	Pass
3**	4454.750	39.66	-4.23	54.0	-14.34	AV	322.00	300	Horizontal	Pass
4	7130.000	52.92	0.62	74.0	-21.08	Peak	61.00	300	Horizontal	Pass
4**	7130.000	42.84	0.62	54.0	-11.16	AV	61.00	300	Horizontal	Pass
5	12672.575	49.13	-2.32	74.0	-24.87	Peak	190.00	100	Horizontal	Pass
5**	12672.575	39.06	-2.32	54.0	-14.94	AV	190.00	100	Horizontal	Pass
6	17308.312	53.73	1.99	74.0	-20.27	Peak	83.00	400	Horizontal	Pass
6**	17308.312	43.89	1.99	54.0	-10.11	AV	83.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	42.93	-17.39	74.0	-31.07	Peak	143.00	100	Vertical	Pass
1**	1330.500	35.46	-17.39	54.0	-18.54	AV	143.00	100	Vertical	Pass
2	2438.100	109.63	-12.39	74.0	35.63	Peak	153.00	200	Vertical	N/A
2**	2438.100	102.30	-12.39	54.0	48.30	AV	153.00	200	Vertical	N/A
3	4872.500	49.19	-3.77	74.0	-24.81	Peak	14.00	200	Vertical	Pass
3**	4872.500	46.51	-3.77	54.0	-7.49	AV	14.00	200	Vertical	Pass
4	7825.750	52.79	1.80	74.0	-21.21	Peak	200.00	300	Vertical	Pass
4**	7825.750	42.84	1.80	54.0	-11.16	AV	200.00	300	Vertical	Pass
5	12671.625	49.55	-2.31	74.0	-24.45	Peak	33.00	200	Vertical	Pass
5**	12671.625	39.29	-2.31	54.0	-14.71	AV	33.00	200	Vertical	Pass
6	17145.824	52.28	1.60	74.0	-21.72	Peak	187.00	400	Vertical	Pass
6**	17145.824	42.91	1.60	54.0	-11.09	AV	187.00	400	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	1508.400	42.09	-17.43	74.0	-31.91	Peak	223.00	400	Horizontal	Pass
1**	1508.400	32.29	-17.43	54.0	-21.71	AV	223.00	400	Horizontal	Pass
2	2463.300	104.81	-12.68	74.0	30.81	Peak	262.00	100	Horizontal	N/A
2**	2463.300	97.63	-12.68	54.0	43.63	AV	262.00	100	Horizontal	N/A
3	4495.500	48.22	-4.26	74.0	-25.78	Peak	275.00	100	Horizontal	Pass
3**	4495.500	38.86	-4.26	54.0	-15.14	AV	275.00	100	Horizontal	Pass
4	7848.750	52.60	1.13	74.0	-21.40	Peak	204.00	100	Horizontal	Pass
4**	7848.750	43.71	1.13	54.0	-10.29	AV	204.00	100	Horizontal	Pass
5	12640.513	49.82	-2.36	74.0	-24.18	Peak	104.00	400	Horizontal	Pass
5**	12640.513	39.75	-2.36	54.0	-14.25	AV	104.00	400	Horizontal	Pass
6	16519.500	53.11	0.01	74.0	-20.89	Peak	217.00	400	Horizontal	Pass
6**	16519.500	44.34	0.01	54.0	-9.66	AV	217.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	41.61	-17.74	74.0	-32.39	Peak	263.00	400	Vertical	Pass
1**	1599.800	35.44	-17.74	54.0	-18.56	AV	263.00	400	Vertical	Pass
2	2462.900	109.66	-12.66	74.0	35.66	Peak	123.00	200	Vertical	N/A
2**	2462.900	102.30	-12.66	54.0	48.30	AV	123.00	200	Vertical	N/A
3	4920.250	50.07	-3.83	74.0	-23.93	Peak	356.00	200	Vertical	Pass
3**	4920.250	42.16	-3.83	54.0	-11.84	AV	356.00	200	Vertical	Pass
4	7871.500	52.61	2.04	74.0	-21.39	Peak	312.00	200	Vertical	Pass
4**	7871.500	43.59	2.04	54.0	-10.41	AV	312.00	200	Vertical	Pass
5	12448.612	48.93	-2.17	74.0	-25.07	Peak	360.00	100	Vertical	Pass
5**	12448.612	39.56	-2.17	54.0	-14.44	AV	360.00	100	Vertical	Pass
6	17030.850	52.88	0.77	74.0	-21.12	Peak	275.00	400	Vertical	Pass
6**	17030.850	43.16	0.77	54.0	-10.84	AV	275.00	400	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	1599.900	41.97	-17.75	74.0	-32.03	Peak	338.00	100	Horizontal	Pass
1**	1599.900	35.89	-17.75	54.0	-18.11	AV	338.00	100	Horizontal	Pass
2	2410.800	105.49	-13.48	74.0	31.49	Peak	267.00	200	Horizontal	N/A
2**	2410.800	98.53	-13.48	54.0	44.53	AV	267.00	200	Horizontal	N/A
3	4820.500	49.49	-3.15	74.0	-24.51	Peak	77.00	100	Horizontal	Pass
3**	4820.500	41.34	-3.15	54.0	-12.66	AV	77.00	100	Horizontal	Pass
4	7858.750	52.36	1.15	74.0	-21.64	Peak	331.00	300	Horizontal	Pass
4**	7858.750	43.93	1.15	54.0	-10.07	AV	331.00	300	Horizontal	Pass
5	11944.637	49.55	-3.61	74.0	-24.45	Peak	33.00	400	Horizontal	Pass
5**	11944.637	38.90	-3.61	54.0	-15.10	AV	33.00	400	Horizontal	Pass
6	16531.050	52.88	0.02	74.0	-21.12	Peak	45.00	100	Horizontal	Pass
6**	16531.050	42.71	0.02	54.0	-11.29	AV	45.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	42.31	-17.49	74.0	-31.69	Peak	226.00	100	Vertical	Pass
1**	1331.600	31.07	-17.49	54.0	-22.93	AV	226.00	100	Vertical	Pass
2	2410.900	108.39	-13.47	74.0	34.39	Peak	116.00	100	Vertical	N/A
2**	2410.900	101.54	-13.47	54.0	47.54	AV	116.00	100	Vertical	N/A
3	4819.500	51.98	-3.17	74.0	-22.02	Peak	339.00	100	Vertical	Pass
3**	4819.500	47.62	-3.17	54.0	-6.38	AV	339.00	100	Vertical	Pass
4	7932.250	52.68	0.58	74.0	-21.32	Peak	49.00	200	Vertical	Pass
4**	7932.250	42.85	0.58	54.0	-11.15	AV	49.00	200	Vertical	Pass
5	12692.525	48.72	-2.33	74.0	-25.28	Peak	141.00	400	Vertical	Pass
5**	12692.525	39.45	-2.33	54.0	-14.55	AV	141.00	400	Vertical	Pass
6	16425.000	52.77	0.15	74.0	-21.23	Peak	157.00	100	Vertical	Pass
6**	16425.000	42.59	0.15	54.0	-11.41	AV	157.00	100	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	1600.200	42.64	-17.78	74.0	-31.36	Peak	60.00	200	Horizontal	Pass
1**	1600.200	36.45	-17.78	54.0	-17.55	AV	60.00	200	Horizontal	Pass
2	2435.200	106.55	-12.07	74.0	32.55	Peak	265.00	150	Horizontal	N/A
2**	2435.200	97.81	-12.07	54.0	43.81	AV	265.00	150	Horizontal	N/A
3	5201.250	50.74	-3.29	74.0	-23.26	Peak	200.00	200	Horizontal	Pass
3**	5201.250	40.20	-3.29	54.0	-13.80	AV	200.00	200	Horizontal	Pass
4	7519.250	52.65	0.84	74.0	-21.35	Peak	348.00	200	Horizontal	Pass
4**	7519.250	43.23	0.84	54.0	-10.77	AV	348.00	200	Horizontal	Pass
5	12947.138	49.41	-1.66	74.0	-24.59	Peak	21.00	100	Horizontal	Pass
5**	12947.138	39.52	-1.66	54.0	-14.48	AV	21.00	100	Horizontal	Pass
6	16567.537	52.98	0.02	74.0	-21.02	Peak	21.00	300	Horizontal	Pass
6**	16567.537	42.46	0.02	54.0	-11.54	AV	21.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	41.79	-17.48	74.0	-32.21	Peak	27.00	100	Vertical	Pass
1**	1493.300	31.77	-17.48	54.0	-22.23	AV	27.00	100	Vertical	Pass
2	2435.500	109.21	-12.09	74.0	35.21	Peak	113.00	100	Vertical	N/A
2**	2435.500	102.52	-12.09	54.0	48.52	AV	113.00	100	Vertical	N/A
3	7837.750	53.13	2.04	74.0	-20.87	Peak	0.00	100	Vertical	Pass
3**	7837.750	43.23	2.04	54.0	-10.77	AV	0.00	100	Vertical	Pass
4	8901.787	48.62	-4.57	74.0	-25.38	Peak	216.00	300	Vertical	Pass
4**	8901.787	38.79	-4.57	54.0	-15.21	AV	216.00	300	Vertical	Pass
5	17287.313	53.04	1.99	74.0	-20.96	Peak	157.00	400	Vertical	Pass
5**	17287.313	42.94	1.99	54.0	-11.06	AV	157.00	400	Vertical	Pass
6	4873.000	50.91	-3.74	74.0	-23.09	Peak	339.00	200	Vertical	Pass
6**	4873.000	45.90	-3.74	54.0	-8.10	AV	339.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	42.24	-17.75	74.0	-31.76	Peak	332.00	200	Horizontal	Pass
1**	1599.900	36.75	-17.75	54.0	-17.25	AV	332.00	200	Horizontal	Pass
2	2463.100	104.69	-12.67	74.0	30.69	Peak	261.00	150	Horizontal	N/A
2**	2463.100	97.70	-12.67	54.0	43.70	AV	261.00	150	Horizontal	N/A
3	4513.750	47.96	-4.35	74.0	-26.04	Peak	121.00	100	Horizontal	Pass
3**	4513.750	38.82	-4.35	54.0	-15.18	AV	121.00	100	Horizontal	Pass
4	7514.250	53.50	0.77	74.0	-20.50	Peak	304.00	100	Horizontal	Pass
4**	7514.250	43.10	0.77	54.0	-10.90	AV	304.00	100	Horizontal	Pass
5	12823.500	49.04	-2.06	74.0	-24.96	Peak	23.00	100	Horizontal	Pass
5**	12823.500	38.57	-2.06	54.0	-15.43	AV	23.00	100	Horizontal	Pass
6	17064.188	53.33	1.03	74.0	-20.67	Peak	278.00	300	Horizontal	Pass
6**	17064.188	43.05	1.03	54.0	-10.95	AV	278.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.700	41.76	-17.72	74.0	-32.24	Peak	72.00	200	Vertical	Pass
1**	1599.700	35.16	-17.72	54.0	-18.84	AV	72.00	200	Vertical	Pass
2	2465.100	109.03	-12.75	74.0	35.03	Peak	106.00	100	Vertical	N/A
2**	2465.100	101.00	-12.75	54.0	47.00	AV	106.00	100	Vertical	N/A
3	4924.500	50.91	-3.76	74.0	-23.09	Peak	348.00	100	Vertical	Pass
3**	4924.500	42.04	-3.76	54.0	-11.96	AV	348.00	100	Vertical	Pass
4	7460.750	52.72	1.14	74.0	-21.28	Peak	226.00	100	Vertical	Pass
4**	7460.750	43.97	1.14	54.0	-10.03	AV	226.00	100	Vertical	Pass
5	12843.713	49.35	-2.09	74.0	-24.65	Peak	308.00	300	Vertical	Pass
5**	12843.713	39.51	-2.09	54.0	-14.49	AV	308.00	300	Vertical	Pass
6	17320.913	52.77	1.96	74.0	-21.23	Peak	248.00	200	Vertical	Pass
6**	17320.913	43.50	1.96	54.0	-10.50	AV	248.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	42.02	-17.74	74.0	-31.98	Peak	329.00	300	Horizontal	Pass
1**	1599.800	35.85	-17.74	54.0	-18.15	AV	329.00	300	Horizontal	Pass
2	2425.400	103.43	-12.72	74.0	29.43	Peak	265.00	150	Horizontal	N/A
2**	2425.400	96.20	-12.72	54.0	42.20	AV	265.00	150	Horizontal	N/A
3	4455.250	48.27	-4.29	74.0	-25.73	Peak	46.00	150	Horizontal	Pass
3**	4455.250	39.85	-4.29	54.0	-14.15	AV	46.00	150	Horizontal	Pass
4	7878.250	52.39	2.19	74.0	-21.61	Peak	360.00	200	Horizontal	Pass
4**	7878.250	43.14	2.19	54.0	-10.86	AV	360.00	200	Horizontal	Pass
5	12436.500	49.61	-2.36	74.0	-24.39	Peak	217.00	200	Horizontal	Pass
5**	12436.500	40.54	-2.36	54.0	-13.46	AV	217.00	200	Horizontal	Pass
6	17046.338	53.54	0.89	74.0	-20.46	Peak	53.00	300	Horizontal	Pass
6**	17046.338	43.76	0.89	54.0	-10.24	AV	53.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.700	42.77	-17.48	74.0	-31.23	Peak	228.00	300	Vertical	Pass
1**	1333.700	32.56	-17.48	54.0	-21.44	AV	228.00	300	Vertical	Pass
2	2420.800	107.11	-13.04	74.0	33.11	Peak	114.00	100	Vertical	N/A
2**	2420.800	98.44	-13.04	54.0	44.44	AV	114.00	100	Vertical	N/A
3	4845.250	51.24	-4.09	74.0	-22.76	Peak	360.00	100	Vertical	Pass
3**	4845.250	46.14	-4.09	54.0	-7.86	AV	360.00	100	Vertical	Pass
4	7462.000	52.68	1.11	74.0	-21.32	Peak	49.00	400	Vertical	Pass
4**	7462.000	43.97	1.11	54.0	-10.03	AV	49.00	400	Vertical	Pass
5	12672.338	48.86	-2.32	74.0	-25.14	Peak	70.00	400	Vertical	Pass
5**	12672.338	39.47	-2.32	54.0	-14.53	AV	70.00	400	Vertical	Pass
6	17069.176	52.56	1.07	74.0	-21.44	Peak	130.00	400	Vertical	Pass
6**	17069.176	43.19	1.07	54.0	-10.81	AV	130.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1340.000	42.35	-17.46	74.0	-31.65	Peak	73.00	100	Horizontal	Pass
1**	1340.000	31.28	-17.46	54.0	-22.72	AV	73.00	100	Horizontal	Pass
2	2435.200	104.22	-12.07	74.0	30.22	Peak	261.00	200	Horizontal	N/A
2**	2435.200	96.04	-12.07	54.0	42.04	AV	261.00	200	Horizontal	N/A
3	4477.750	48.73	-3.83	74.0	-25.27	Peak	75.00	100	Horizontal	Pass
3**	4477.750	38.37	-3.83	54.0	-15.63	AV	75.00	100	Horizontal	Pass
4	7833.000	53.84	2.28	74.0	-20.16	Peak	33.00	300	Horizontal	Pass
4**	7833.000	44.35	2.28	54.0	-9.65	AV	33.00	300	Horizontal	Pass
5	12206.599	49.19	-2.98	74.0	-24.81	Peak	313.00	200	Horizontal	Pass
5**	12206.599	38.88	-2.98	54.0	-15.12	AV	313.00	200	Horizontal	Pass
6	17266.313	52.57	1.95	74.0	-21.43	Peak	293.00	300	Horizontal	Pass
6**	17266.313	43.51	1.95	54.0	-10.49	AV	293.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1309.100	42.37	-17.64	74.0	-31.63	Peak	55.00	300	Vertical	Pass
1**	1309.100	30.95	-17.64	54.0	-23.05	AV	55.00	300	Vertical	Pass
2	2435.500	107.97	-12.09	74.0	33.97	Peak	141.00	200	Vertical	N/A
2**	2435.500	99.39	-12.09	54.0	45.39	AV	141.00	200	Vertical	N/A
3	4873.500	50.23	-3.70	74.0	-23.77	Peak	0.00	100	Vertical	Pass
3**	4873.500	42.55	-3.70	54.0	-11.45	AV	0.00	100	Vertical	Pass
4	7542.250	52.55	0.59	74.0	-21.45	Peak	360.00	400	Vertical	Pass
4**	7542.250	43.45	0.59	54.0	-10.55	AV	360.00	400	Vertical	Pass
5	12695.612	49.03	-2.33	74.0	-24.97	Peak	326.00	300	Vertical	Pass
5**	12695.612	39.16	-2.33	54.0	-14.84	AV	326.00	300	Vertical	Pass
6	17314.613	53.43	1.97	74.0	-20.57	Peak	21.00	100	Vertical	Pass
6**	17314.613	43.69	1.97	54.0	-10.31	AV	21.00	100	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	1332.100	42.13	-17.54	74.0	-31.87	Peak	170.00	200	Horizontal	Pass
1**	1332.100	32.36	-17.54	54.0	-21.64	AV	170.00	200	Horizontal	Pass
2	2454.200	103.48	-13.12	74.0	29.48	Peak	264.00	200	Horizontal	N/A
2**	2454.200	94.82	-13.12	54.0	40.82	AV	264.00	200	Horizontal	N/A
3	5183.000	50.17	-2.08	74.0	-23.83	Peak	356.00	100	Horizontal	Pass
3**	5183.000	41.72	-2.08	54.0	-12.28	AV	356.00	100	Horizontal	Pass
4	7838.500	53.28	2.01	74.0	-20.72	Peak	92.00	300	Horizontal	Pass
4**	7838.500	43.20	2.01	54.0	-10.80	AV	92.00	300	Horizontal	Pass
5	12670.675	49.80	-2.31	74.0	-24.20	Peak	360.00	400	Horizontal	Pass
5**	12670.675	39.26	-2.31	54.0	-14.74	AV	360.00	400	Horizontal	Pass
6	16426.574	52.50	0.14	74.0	-21.50	Peak	-3.00	200	Horizontal	Pass
6**	16426.574	43.63	0.14	54.0	-10.37	AV	-3.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	41.88	-17.74	74.0	-32.12	Peak	36.00	300	Vertical	Pass
1**	1599.800	35.19	-17.74	54.0	-18.81	AV	36.00	300	Vertical	Pass
2	2450.500	108.55	-12.74	74.0	34.55	Peak	23.00	100	Vertical	N/A
2**	2450.500	99.47	-12.74	54.0	45.47	AV	23.00	100	Vertical	N/A
3	4901.500	50.37	-3.56	74.0	-23.63	Peak	339.00	400	Vertical	Pass
3**	4901.500	40.47	-3.56	54.0	-13.53	AV	339.00	400	Vertical	Pass
4	7637.000	52.59	-0.61	74.0	-21.41	Peak	169.00	200	Vertical	Pass
4**	7637.000	41.62	-0.61	54.0	-12.38	AV	169.00	200	Vertical	Pass
5	12422.250	49.15	-2.57	74.0	-24.85	Peak	300.00	300	Vertical	Pass
5**	12422.250	39.81	-2.57	54.0	-14.19	AV	300.00	300	Vertical	Pass
6	16466.475	53.10	-0.02	74.0	-20.90	Peak	158.00	200	Vertical	Pass
6**	16466.475	43.47	-0.02	54.0	-10.53	AV	158.00	200	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	41.71	-17.57	74.0	-32.29	Peak	156.00	300	Horizontal	Pass
1**	1332.500	31.37	-17.57	54.0	-22.63	AV	156.00	300	Horizontal	Pass
2	2410.800	97.31	-13.48	74.0	23.31	Peak	356.00	100	Horizontal	N/A
2**	2410.800	94.40	-13.48	54.0	40.40	AV	356.00	100	Horizontal	N/A
3	4823.750	48.66	-3.02	74.0	-25.34	Peak	100.00	200	Horizontal	Pass
3**	4823.750	40.22	-3.02	54.0	-13.78	AV	100.00	200	Horizontal	Pass
4	7868.000	52.64	1.68	74.0	-21.36	Peak	214.00	300	Horizontal	Pass
4**	7868.000	43.08	1.68	54.0	-10.92	AV	214.00	300	Horizontal	Pass
5	12953.175	49.41	-1.66	74.0	-24.59	Peak	127.00	400	Horizontal	Pass
5**	12953.175	39.34	-1.66	54.0	-14.66	AV	127.00	400	Horizontal	Pass
6	16829.776	52.66	0.82	74.0	-21.34	Peak	145.00	200	Horizontal	Pass
6**	16829.776	42.09	0.82	54.0	-11.91	AV	145.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	43.66	-17.09	74.0	-30.34	Peak	127.00	100	Vertical	Pass
1**	1328.400	32.35	-17.09	54.0	-21.65	AV	127.00	100	Vertical	Pass
2	2413.200	102.73	-13.42	74.0	28.73	Peak	27.00	200	Vertical	N/A
2**	2413.200	99.91	-13.42	54.0	45.91	AV	27.00	200	Vertical	N/A
3	4823.750	51.73	-3.02	74.0	-22.27	Peak	360.00	200	Vertical	Pass
3**	4823.750	47.77	-3.02	54.0	-6.23	AV	360.00	200	Vertical	Pass
4	7392.750	53.42	-0.40	74.0	-20.58	Peak	0.00	100	Vertical	Pass
4**	7392.750	42.21	-0.40	54.0	-11.79	AV	0.00	100	Vertical	Pass
5	12674.713	49.98	-2.32	74.0	-24.02	Peak	22.00	100	Vertical	Pass
5**	12674.713	39.52	-2.32	54.0	-14.48	AV	22.00	100	Vertical	Pass
6	17319.600	52.72	1.96	74.0	-21.28	Peak	295.00	200	Vertical	Pass
6**	17319.600	43.90	1.96	54.0	-10.10	AV	295.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1324.700	41.48	-17.36	74.0	-32.52	Peak	116.00	400	Horizontal	Pass
1**	1324.700	32.40	-17.36	54.0	-21.60	AV	116.00	400	Horizontal	Pass
2	2435.700	100.41	-12.12	74.0	26.41	Peak	360.00	100	Horizontal	N/A
2**	2435.700	97.55	-12.12	54.0	43.55	AV	360.00	100	Horizontal	N/A
3	4874.250	50.30	-3.64	74.0	-23.70	Peak	302.00	150	Horizontal	Pass
3**	4874.250	44.84	-3.64	54.0	-9.16	AV	302.00	150	Horizontal	Pass
4	7831.500	52.95	2.10	74.0	-21.05	Peak	178.00	400	Horizontal	Pass
4**	7831.500	43.87	2.10	54.0	-10.13	AV	178.00	400	Horizontal	Pass
5	12431.750	49.91	-2.43	74.0	-24.09	Peak	290.00	100	Horizontal	Pass
5**	12431.750	40.01	-2.43	54.0	-13.99	AV	290.00	100	Horizontal	Pass
6	16815.600	52.61	0.63	74.0	-21.39	Peak	96.00	100	Horizontal	Pass
6**	16815.600	43.52	0.63	54.0	-10.48	AV	96.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	42.56	-17.36	74.0	-31.44	Peak	136.00	300	Vertical	Pass
1**	1330.300	31.48	-17.36	54.0	-22.52	AV	136.00	300	Vertical	Pass
2	2435.700	104.82	-12.12	74.0	30.82	Peak	25.00	100	Vertical	N/A
2**	2435.700	101.91	-12.12	54.0	47.91	AV	25.00	100	Vertical	N/A
3	4873.750	53.41	-3.68	74.0	-20.59	Peak	329.00	200	Vertical	Pass
3**	4873.750	47.64	-3.68	54.0	-6.36	AV	329.00	200	Vertical	Pass
4	7869.000	52.72	1.82	74.0	-21.28	Peak	126.00	200	Vertical	Pass
4**	7869.000	43.55	1.82	54.0	-10.45	AV	126.00	200	Vertical	Pass
5	11793.112	49.34	-3.60	74.0	-24.66	Peak	105.00	300	Vertical	Pass
5**	11793.112	39.15	-3.60	54.0	-14.85	AV	105.00	300	Vertical	Pass
6	17076.787	52.50	1.13	74.0	-21.50	Peak	-1.00	300	Vertical	Pass
6**	17076.787	42.56	1.13	54.0	-11.44	AV	-1.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.400	42.14	-17.46	74.0	-31.86	Peak	283.00	100	Horizontal	Pass
1**	1505.400	31.64	-17.46	54.0	-22.36	AV	283.00	100	Horizontal	Pass
2	2460.800	98.97	-12.61	74.0	24.97	Peak	359.00	200	Horizontal	N/A
2**	2460.800	96.08	-12.61	54.0	42.08	AV	359.00	200	Horizontal	N/A
3	4923.750	49.16	-3.72	74.0	-24.84	Peak	3.00	100	Horizontal	Pass
3**	4923.750	41.35	-3.72	54.0	-12.65	AV	3.00	100	Horizontal	Pass
4	7873.750	52.43	2.02	74.0	-21.57	Peak	64.00	300	Horizontal	Pass
4**	7873.750	43.37	2.02	54.0	-10.63	AV	64.00	300	Horizontal	Pass
5	12696.088	48.67	-2.33	74.0	-25.33	Peak	216.00	400	Horizontal	Pass
5**	12696.088	39.01	-2.33	54.0	-14.99	AV	216.00	400	Horizontal	Pass
6	16891.725	52.37	1.44	74.0	-21.63	Peak	272.00	400	Horizontal	Pass
6**	16891.725	42.53	1.44	54.0	-11.47	AV	272.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	43.78	-17.29	74.0	-30.22	Peak	204.00	400	Vertical	Pass
1**	1329.800	31.71	-17.29	54.0	-22.29	AV	204.00	400	Vertical	Pass
2	2463.200	104.25	-12.67	74.0	30.25	Peak	280.00	100	Vertical	N/A
2**	2463.200	101.42	-12.67	54.0	47.42	AV	280.00	100	Vertical	N/A
3	4924.000	52.21	-3.73	74.0	-21.79	Peak	239.00	100	Vertical	Pass
3**	4924.000	47.07	-3.73	54.0	-6.93	AV	239.00	100	Vertical	Pass
4	7824.000	53.04	1.95	74.0	-20.96	Peak	37.00	200	Vertical	Pass
4**	7824.000	43.48	1.95	54.0	-10.52	AV	37.00	200	Vertical	Pass
5	12666.162	48.75	-2.31	74.0	-25.25	Peak	226.00	300	Vertical	Pass
5**	12666.162	40.11	-2.31	54.0	-13.89	AV	226.00	300	Vertical	Pass
6	16903.276	52.38	1.46	74.0	-21.62	Peak	38.00	300	Vertical	Pass
6**	16903.276	43.49	1.46	54.0	-10.51	AV	38.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1363.600	42.16	-17.57	74.0	-31.84	Peak	18.00	300	Horizontal	Pass
1**	1363.600	31.78	-17.57	54.0	-22.22	AV	18.00	300	Horizontal	Pass
2	2413.100	105.29	-13.42	74.0	31.29	Peak	354.00	100	Horizontal	N/A
2**	2413.100	98.47	-13.42	54.0	44.47	AV	354.00	100	Horizontal	N/A
3	4821.500	49.39	-3.11	74.0	-24.61	Peak	353.00	400	Horizontal	Pass
3**	4821.500	40.91	-3.11	54.0	-13.09	AV	353.00	400	Horizontal	Pass
4	7460.000	52.58	1.14	74.0	-21.42	Peak	109.00	100	Horizontal	Pass
4**	7460.000	43.69	1.14	54.0	-10.31	AV	109.00	100	Horizontal	Pass
5	12649.775	48.78	-2.30	74.0	-25.22	Peak	47.00	200	Horizontal	Pass
5**	12649.775	40.74	-2.30	54.0	-13.26	AV	47.00	200	Horizontal	Pass
6	16893.824	53.36	1.46	74.0	-20.64	Peak	337.00	100	Horizontal	Pass
6**	16893.824	44.83	1.46	54.0	-9.17	AV	337.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	42.28	-17.54	74.0	-31.72	Peak	134.00	300	Vertical	Pass
1**	1332.100	32.16	-17.54	54.0	-21.84	AV	134.00	300	Vertical	Pass
2	2410.700	108.67	-13.48	74.0	34.67	Peak	276.00	200	Vertical	N/A
2**	2410.700	101.16	-13.48	54.0	47.16	AV	276.00	200	Vertical	N/A
3	4822.000	56.23	-3.09	74.0	-17.77	Peak	360.00	100	Vertical	Pass
3**	4822.000	47.80	-3.09	54.0	-6.20	AV	360.00	100	Vertical	Pass
4	7843.500	52.64	1.49	74.0	-21.36	Peak	285.00	400	Vertical	Pass
4**	7843.500	43.42	1.49	54.0	-10.58	AV	285.00	400	Vertical	Pass
5	11159.224	49.18	-4.35	74.0	-24.82	Peak	46.00	400	Vertical	Pass
5**	11159.224	39.43	-4.35	54.0	-14.57	AV	46.00	400	Vertical	Pass
6	17286.261	52.75	1.99	74.0	-21.25	Peak	29.00	100	Vertical	Pass
6**	17286.261	43.34	1.99	54.0	-10.66	AV	29.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	42.65	-17.74	74.0	-31.35	Peak	210.00	100	Horizontal	Pass
1**	1599.800	35.49	-17.74	54.0	-18.51	AV	210.00	100	Horizontal	Pass
2	2438.000	106.93	-12.39	74.0	32.93	Peak	0.00	200	Horizontal	N/A
2**	2438.000	99.56	-12.39	54.0	45.56	AV	0.00	200	Horizontal	N/A
3	4876.500	51.03	-3.55	74.0	-22.97	Peak	278.00	100	Horizontal	Pass
3**	4876.500	42.44	-3.55	54.0	-11.56	AV	278.00	100	Horizontal	Pass
4	7869.250	53.10	1.85	74.0	-20.90	Peak	243.00	400	Horizontal	Pass
4**	7869.250	44.22	1.85	54.0	-9.78	AV	243.00	400	Horizontal	Pass
5	12677.325	48.77	-2.32	74.0	-25.23	Peak	291.00	200	Horizontal	Pass
5**	12677.325	39.44	-2.32	54.0	-14.56	AV	291.00	200	Horizontal	Pass
6	17800.239	53.71	3.22	74.0	-20.29	Peak	31.00	300	Horizontal	Pass
6**	17800.239	44.41	3.22	54.0	-9.59	AV	31.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	43.68	-17.50	74.0	-30.32	Peak	118.00	200	Vertical	Pass
1**	1331.700	36.04	-17.50	54.0	-17.96	AV	118.00	200	Vertical	Pass
2	2435.000	109.42	-12.09	74.0	35.42	Peak	26.00	150	Vertical	N/A
2**	2435.000	102.51	-12.09	54.0	48.51	AV	26.00	150	Vertical	N/A
3	4871.750	55.14	-3.76	74.0	-18.86	Peak	360.00	300	Vertical	Pass
3**	4871.750	47.85	-3.76	54.0	-6.15	AV	360.00	300	Vertical	Pass
4	7315.750	52.93	-0.98	74.0	-21.07	Peak	360.00	200	Vertical	Pass
4**	7315.750	41.73	-0.98	54.0	-12.27	AV	360.00	200	Vertical	Pass
5	12546.938	49.21	-2.15	74.0	-24.79	Peak	32.00	100	Vertical	Pass
5**	12546.938	39.01	-2.15	54.0	-14.99	AV	32.00	100	Vertical	Pass
6	17254.500	53.32	1.93	74.0	-20.68	Peak	31.00	400	Vertical	Pass
6**	17254.500	43.25	1.93	54.0	-10.75	AV	31.00	400	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	1599.900	42.55	-17.75	74.0	-31.45	Peak	250.00	300	Horizontal	Pass
1**	1599.900	36.01	-17.75	54.0	-17.99	AV	250.00	300	Horizontal	Pass
2	2473.300	104.70	-12.71	74.0	30.70	Peak	357.00	200	Horizontal	N/A
2**	2473.300	97.88	-12.71	54.0	43.88	AV	357.00	200	Horizontal	N/A
3	4935.000	49.69	-3.99	74.0	-24.31	Peak	14.00	100	Horizontal	Pass
3**	4935.000	39.76	-3.99	54.0	-14.24	AV	14.00	100	Horizontal	Pass
4	7425.000	53.13	0.69	74.0	-20.87	Peak	40.00	300	Horizontal	Pass
4**	7425.000	43.06	0.69	54.0	-10.94	AV	40.00	300	Horizontal	Pass
5	12695.375	48.71	-2.33	74.0	-25.29	Peak	84.00	100	Horizontal	Pass
5**	12695.375	39.69	-2.33	54.0	-14.31	AV	84.00	100	Horizontal	Pass
6	16518.713	52.45	0.01	74.0	-21.55	Peak	184.00	400	Horizontal	Pass
6**	16518.713	43.48	0.01	54.0	-10.52	AV	184.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.600	42.80	-17.58	74.0	-31.20	Peak	213.00	100	Vertical	Pass
1**	1332.600	32.61	-17.58	54.0	-21.39	AV	213.00	100	Vertical	Pass
2	2473.500	108.92	-12.71	74.0	34.92	Peak	31.00	150	Vertical	N/A
2**	2473.500	101.72	-12.71	54.0	47.72	AV	31.00	150	Vertical	N/A
3	4940.250	53.23	-3.84	74.0	-20.77	Peak	338.00	200	Vertical	Pass
3**	4940.250	44.25	-3.84	54.0	-9.75	AV	338.00	200	Vertical	Pass
4	7834.000	52.78	2.24	74.0	-21.22	Peak	285.00	100	Vertical	Pass
4**	7834.000	43.86	2.24	54.0	-10.14	AV	285.00	100	Vertical	Pass
5	12435.787	49.21	-2.37	74.0	-24.79	Peak	71.00	400	Vertical	Pass
5**	12435.787	40.97	-2.37	54.0	-13.03	AV	71.00	400	Vertical	Pass
6	17301.750	52.84	2.01	74.0	-21.16	Peak	166.00	400	Vertical	Pass
6**	17301.750	43.78	2.01	54.0	-10.22	AV	166.00	400	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	1599.900	42.09	-17.75	74.0	-31.91	Peak	108.00	300	Horizontal	Pass
1**	1599.900	36.17	-17.75	54.0	-17.83	AV	108.00	300	Horizontal	Pass
2	2410.800	104.83	-13.48	74.0	30.83	Peak	358.00	150	Horizontal	N/A
2**	2410.800	97.86	-13.48	54.0	43.86	AV	358.00	150	Horizontal	N/A
3	4827.500	49.72	-3.00	74.0	-24.28	Peak	276.00	300	Horizontal	Pass
3**	4827.500	41.16	-3.00	54.0	-12.84	AV	276.00	300	Horizontal	Pass
4	7861.500	52.77	1.33	74.0	-21.23	Peak	337.00	200	Horizontal	Pass
4**	7861.500	43.55	1.33	54.0	-10.45	AV	337.00	200	Horizontal	Pass
5	11538.513	48.90	-4.36	74.0	-25.10	Peak	94.00	100	Horizontal	Pass
5**	11538.513	38.72	-4.36	54.0	-15.28	AV	94.00	100	Horizontal	Pass
6	16779.375	52.78	0.43	74.0	-21.22	Peak	153.00	200	Horizontal	Pass
6**	16779.375	42.83	0.43	54.0	-11.17	AV	153.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1384.600	41.78	-17.47	74.0	-32.22	Peak	155.00	100	Vertical	Pass
1**	1384.600	31.29	-17.47	54.0	-22.71	AV	155.00	100	Vertical	Pass
2	2413.300	108.34	-13.42	74.0	34.34	Peak	290.00	200	Vertical	N/A
2**	2413.300	101.42	-13.42	54.0	47.42	AV	290.00	200	Vertical	N/A
3	4822.500	56.78	-3.07	74.0	-17.22	Peak	360.00	150	Vertical	Pass
3**	4822.500	47.85	-3.07	54.0	-6.15	AV	360.00	150	Vertical	Pass
4	7443.500	52.95	0.43	74.0	-21.05	Peak	45.00	400	Vertical	Pass
4**	7443.500	42.66	0.43	54.0	-11.34	AV	45.00	400	Vertical	Pass
5	12132.025	49.10	-3.36	74.0	-24.90	Peak	251.00	300	Vertical	Pass
5**	12132.025	38.36	-3.36	54.0	-15.64	AV	251.00	300	Vertical	Pass
6	16892.775	52.48	1.45	74.0	-21.52	Peak	69.00	400	Vertical	Pass
6**	16892.775	43.48	1.45	54.0	-10.52	AV	69.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.600	42.14	-17.71	74.0	-31.86	Peak	165.00	400	Horizontal	Pass
1**	1599.600	34.25	-17.71	54.0	-19.75	AV	165.00	400	Horizontal	Pass
2	2435.500	107.12	-12.09	74.0	33.12	Peak	360.00	150	Horizontal	N/A
2**	2435.500	99.68	-12.09	54.0	45.68	AV	360.00	150	Horizontal	N/A
3	4872.250	50.48	-3.77	74.0	-23.52	Peak	310.00	0	Horizontal	Pass
3**	4872.250	41.50	-3.77	54.0	-12.50	AV	310.00	0	Horizontal	Pass
4	7866.250	52.48	1.53	74.0	-21.52	Peak	310.00	400	Horizontal	Pass
4**	7866.250	43.41	1.53	54.0	-10.59	AV	310.00	400	Horizontal	Pass
5	12431.037	49.42	-2.44	74.0	-24.58	Peak	0.00	400	Horizontal	Pass
5**	12431.037	39.93	-2.44	54.0	-14.07	AV	0.00	400	Horizontal	Pass
6	17479.463	53.27	3.09	74.0	-20.73	Peak	176.00	100	Horizontal	Pass
6**	17479.463	42.83	3.09	54.0	-11.17	AV	176.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	42.52	-17.47	74.0	-31.48	Peak	126.00	100	Vertical	Pass
1**	1331.400	33.13	-17.47	54.0	-20.87	AV	126.00	100	Vertical	Pass
2	2434.400	109.54	-12.14	74.0	35.54	Peak	25.00	150	Vertical	N/A
2**	2434.400	101.63	-12.14	54.0	47.63	AV	25.00	150	Vertical	N/A
3	4874.750	56.50	-3.60	74.0	-17.50	Peak	0.00	400	Vertical	Pass
3**	4874.750	47.00	-3.60	54.0	-7.00	AV	0.00	400	Vertical	Pass
4	7862.250	52.86	1.35	74.0	-21.14	Peak	144.00	100	Vertical	Pass
4**	7862.250	44.48	1.35	54.0	-9.52	AV	144.00	100	Vertical	Pass
5	11543.262	49.34	-4.37	74.0	-24.66	Peak	265.00	200	Vertical	Pass
5**	11543.262	39.82	-4.37	54.0	-14.18	AV	265.00	200	Vertical	Pass
6	17050.276	52.58	0.92	74.0	-21.42	Peak	272.00	300	Vertical	Pass
6**	17050.276	42.47	0.92	54.0	-11.53	AV	272.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.400	41.62	-17.69	74.0	-32.38	Peak	360.00	300	Horizontal	Pass
1**	1599.400	33.90	-17.69	54.0	-20.10	AV	360.00	300	Horizontal	Pass
2	2460.800	105.18	-12.61	74.0	31.18	Peak	6.00	100	Horizontal	N/A
2**	2460.800	98.01	-12.61	54.0	44.01	AV	6.00	100	Horizontal	N/A
3	4921.500	49.68	-3.64	74.0	-24.32	Peak	1.00	300	Horizontal	Pass
3**	4921.500	41.01	-3.64	54.0	-12.99	AV	1.00	300	Horizontal	Pass
4	7136.750	52.52	0.77	74.0	-21.48	Peak	176.00	200	Horizontal	Pass
4**	7136.750	43.93	0.77	54.0	-10.07	AV	176.00	200	Horizontal	Pass
5	12457.162	49.41		74.0	-24.59	Peak	360.00	400	Horizontal	Pass
5**	12457.162	39.04	-2.20	54.0	-14.96	AV	360.00	400	Horizontal	Pass
6	17314.087	53.12	1.98	74.0	-20.88	Peak	152.00	400	Horizontal	Pass
6**	17314.087	44.41	1.98	54.0	-9.59	AV	152.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	43.79	-17.52	74.0	-30.21	Peak	218.00	200	Vertical	Pass
1**	1331.900	35.77	-17.52	54.0	-18.23	AV	218.00	200	Vertical	Pass
2	2465.000	108.70	-12.75	74.0	34.70	Peak	35.00	150	Vertical	N/A
2**	2465.000	101.37	-12.75	54.0	47.37	AV	35.00	150	Vertical	N/A
3	4920.250	54.06	-3.83	74.0	-19.94	Peak	354.00	100	Vertical	Pass
3**	4920.250	45.12	-3.83	54.0	-8.88	AV	354.00	100	Vertical	Pass
4	7835.750	52.99	2.15	74.0	-21.01	Peak	55.00	400	Vertical	Pass
4**	7835.750	43.03	2.15	54.0	-10.97	AV	55.00	400	Vertical	Pass
5	12186.412	48.90	-3.03	74.0	-25.10	Peak	241.00	300	Vertical	Pass
5**	12186.412	38.86	-3.03	54.0	-15.14	AV	241.00	300	Vertical	Pass
6	17478.150	52.85	3.09	74.0	-21.15	Peak	230.00	200	Vertical	Pass
6**	17478.150	44.72	3.09	54.0	-9.28	AV	230.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.900	42.30	-17.55	74.0	-31.70	Peak	60.00	100	Horizontal	Pass
1**	1569.900	32.07	-17.55	54.0	-21.93	AV	60.00	100	Horizontal	Pass
2	2420.700	107.57	-13.05	74.0	33.57	Peak	0.00	100	Horizontal	N/A
2**	2420.700	98.98	-13.05	54.0	44.98	AV	0.00	100	Horizontal	N/A
3	4834.000	54.02	-3.36	74.0	-19.98	Peak	0.00	300	Horizontal	Pass
3**	4834.000	45.36	-3.36	54.0	-8.64	AV	0.00	300	Horizontal	Pass
4	7875.500	52.63	2.14	74.0	-21.37	Peak	108.00	200	Horizontal	Pass
4**	7875.500	43.38	2.14	54.0	-10.62	AV	108.00	200	Horizontal	Pass
5	11687.425	49.17	-4.27	74.0	-24.83	Peak	94.00	100	Horizontal	Pass
5**	11687.425	39.57	-4.27	54.0	-14.43	AV	94.00	100	Horizontal	Pass
6	16529.475	52.60	0.02	74.0	-21.40	Peak	137.00	200	Horizontal	Pass
6**	16529.475	42.85	0.02	54.0	-11.15	AV	137.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	41.75	-17.24	74.0	-32.25	Peak	211.00	100	Vertical	Pass
1**	1327.200	32.18	-17.24	54.0	-21.82	AV	211.00	100	Vertical	Pass
2	2420.500	107.48	-13.06	74.0	33.48	Peak	27.00	150	Vertical	N/A
2**	2420.500	99.00	-13.06	54.0	45.00	AV	27.00	150	Vertical	N/A
3	4836.750	53.78	-3.30	74.0	-20.22	Peak	0.00	100	Vertical	Pass
3**	4836.750	46.92	-3.30	54.0	-7.08	AV	0.00	100	Vertical	Pass
4	7821.000	52.74	1.79	74.0	-21.26	Peak	6.00	200	Vertical	Pass
4**	7821.000	43.53	1.79	54.0	-10.47	AV	6.00	200	Vertical	Pass
5	11798.813	48.80	-3.55	74.0	-25.20	Peak	145.00	300	Vertical	Pass
5**	11798.813	39.13	-3.55	54.0	-14.87	AV	145.00	300	Vertical	Pass
6	17488.912	53.03	3.08	74.0	-20.97	Peak	349.00	100	Vertical	Pass
6**	17488.912	43.32	3.08	54.0	-10.68	AV	349.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.600	41.96	-17.45	74.0	-32.04	Peak	201.00	400	Horizontal	Pass
1**	1445.600	31.70	-17.45	54.0	-22.30	AV	201.00	400	Horizontal	Pass
2	2435.300	105.02	-12.06	74.0	31.02	Peak	8.00	150	Horizontal	N/A
2**	2435.300	97.10	-12.06	54.0	43.10	AV	8.00	150	Horizontal	N/A
3	4873.250	49.57	-3.72	74.0	-24.43	Peak	127.00	200	Horizontal	Pass
3**	4873.250	41.97	-3.72	54.0	-12.03	AV	127.00	200	Horizontal	Pass
4	7858.250	52.69	1.11	74.0	-21.31	Peak	144.00	400	Horizontal	Pass
4**	7858.250	43.28	1.11	54.0	-10.72	AV	144.00	400	Horizontal	Pass
5	12650.963	49.14	-2.30	74.0	-24.86	Peak	239.00	100	Horizontal	Pass
5**	12650.963	39.23	-2.30	54.0	-14.77	AV	239.00	100	Horizontal	Pass
6	17034.787	53.12	0.80	74.0	-20.88	Peak	215.00	200	Horizontal	Pass
6**	17034.787	43.03	0.80	54.0	-10.97	AV	215.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	42.98	-17.43	74.0	-31.02	Peak	289.00	300	Vertical	Pass
1**	1331.000	31.45	-17.43	54.0	-22.55	AV	289.00	300	Vertical	Pass
2	2435.600	108.66	-12.11	74.0	34.66	Peak	23.00	200	Vertical	N/A
2**	2435.600	99.69	-12.11	54.0	45.69	AV	23.00	200	Vertical	N/A
3	4862.500	53.37	-4.12	74.0	-20.63	Peak	360.00	400	Vertical	Pass
3**	4862.500	45.47	-4.12	54.0	-8.53	AV	360.00	400	Vertical	Pass
4	7810.000	52.88	0.56	74.0	-21.12	Peak	308.00	100	Vertical	Pass
4**	7810.000	43.06	0.56	54.0	-10.94	AV	308.00	100	Vertical	Pass
5	12665.925	49.60	-2.31	74.0	-24.40	Peak	130.00	200	Vertical	Pass
5**	12665.925	39.64	-2.31	54.0	-14.36	AV	130.00	200	Vertical	Pass
6	17308.838	52.07	1.99	74.0	-21.93	Peak	194.00	300	Vertical	Pass
6**	17308.838	43.83	1.99	54.0	-10.17	AV	194.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	41.97	-17.75	74.0	-32.03	Peak	336.00	200	Horizontal	Pass
1**	1599.900	36.44	-17.75	54.0	-17.56	AV	336.00	200	Horizontal	Pass
2	2450.600	104.75	-12.74	74.0	30.75	Peak	0.00	150	Horizontal	N/A
2**	2450.600	96.87	-12.74	54.0	42.87	AV	0.00	150	Horizontal	N/A
3	4914.500	49.44	-3.86	74.0	-24.56	Peak	11.00	200	Horizontal	Pass
3**	4914.500	40.09	-3.86	54.0	-13.91	AV	11.00	200	Horizontal	Pass
4	7716.750	52.61	0.57	74.0	-21.39	Peak	360.00	400	Horizontal	Pass
4**	7716.750	42.58	0.57	54.0	-11.42	AV	360.00	400	Horizontal	Pass
5	11306.951	49.27	-4.07	74.0	-24.73	Peak	204.00	100	Horizontal	Pass
5**	11306.951	38.98	-4.07	54.0	-15.02	AV	204.00	100	Horizontal	Pass
6	17481.824	52.57	3.09	74.0	-21.43	Peak	360.00	300	Horizontal	Pass
6**	17481.824	43.61	3.09	54.0	-10.39	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	41.76	-17.75	74.0	-32.24	Peak	79.00	100	Vertical	Pass
1**	1599.900	36.50	-17.75	54.0	-17.50	AV	79.00	100	Vertical	Pass
2	2450.400	107.26	-12.73	74.0	33.26	Peak	0.00	150	Vertical	N/A
2**	2450.400	99.69	-12.73	54.0	45.69	AV	0.00	150	Vertical	N/A
3	4894.250	53.35	-3.73	74.0	-20.65	Peak	352.00	200	Vertical	Pass
3**	4894.250	44.35	-3.73	54.0	-9.65	AV	352.00	200	Vertical	Pass
4	7827.500	53.25	1.82	74.0	-20.75	Peak	0.00	300	Vertical	Pass
4**	7827.500	43.50	1.82	54.0	-10.50	AV	0.00	300	Vertical	Pass
5	12788.325	49.39	-2.12	74.0	-24.61	Peak	329.00	200	Vertical	Pass
5**	12788.325	38.92	-2.12	54.0	-15.08	AV	329.00	200	Vertical	Pass
6	17316.448	52.79	1.97	74.0	-21.21	Peak	-3.00	200	Vertical	Pass
6**	17316.448	45.04	1.97	54.0	-8.96	AV	-3.00	200	Vertical	Pass

MIMO

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	1599.800	42.35	-17.74	74.0	-31.65	Peak	0.00	100	Horizontal	Pass
1**	1599.800	36.55	-17.74	54.0	-17.45	AV	0.00	100	Horizontal	Pass
2	2413.700	104.14	-13.42	74.0	30.14	Peak	116.00	100	Horizontal	N/A
2**	2413.700	97.71	-13.42	54.0	43.71	AV	116.00	100	Horizontal	N/A
3	4826.750	49.19	-3.02	74.0	-24.81	Peak	52.00	200	Horizontal	Pass
3**	4826.750	42.07	-3.02	54.0	-11.93	AV	52.00	200	Horizontal	Pass
4	7475.250	52.68	0.66	74.0	-21.32	Peak	263.00	100	Horizontal	Pass
4**	7475.250	43.60	0.66	54.0	-10.40	AV	263.00	100	Horizontal	Pass
5	12681.125	49.39	-2.32	74.0	-24.61	Peak	360.00	300	Horizontal	Pass
5**	12681.125	39.45	-2.32	54.0	-14.55	AV	360.00	300	Horizontal	Pass
6	16543.651	53.60	0.03	74.0	-20.40	Peak	80.00	400	Horizontal	Pass
6**	16543.651	42.40	0.03	54.0	-11.60	AV	80.00	400	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	1496.300	42.33	-17.34	74.0	-31.67	Peak	60.00	300	Vertical	Pass
1**	1496.300	32.19	-17.34	54.0	-21.81	AV	60.00	300	Vertical	Pass
2	2413.000	109.90	-13.42	74.0	35.90	Peak	23.00	200	Vertical	N/A
2**	2413.000	103.06	-13.42	54.0	49.06	AV	23.00	200	Vertical	N/A
3	4825.750	57.96	-3.04	74.0	-16.04	Peak	360.00	200	Vertical	Pass
3**	4825.750	47.79	-3.04	54.0	-6.21	AV	360.00	200	Vertical	Pass
4	7858.000	53.21	1.12	74.0	-20.79	Peak	1.00	300	Vertical	Pass
4**	7858.000	42.69	1.12	54.0	-11.31	AV	1.00	300	Vertical	Pass
5	12843.187	48.83	-2.08	74.0	-25.17	Peak	119.00	100	Vertical	Pass
5**	12843.187	39.73	-2.08	54.0	-14.27	AV	119.00	100	Vertical	Pass
6	16547.849	53.01	0.03	74.0	-20.99	Peak	349.00	300	Vertical	Pass
6**	16547.849	43.28	0.03	54.0	-10.72	AV	349.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	42.18	-17.75	74.0	-31.82	Peak	96.00	400	Horizontal	Pass
1**	1599.900	36.21	-17.75	54.0	-17.79	AV	96.00	400	Horizontal	Pass
2	2434.800	105.98	-12.11	74.0	31.98	Peak	10.00	200	Horizontal	N/A
2**	2434.800	98.06	-12.11	54.0	44.06	AV	10.00	200	Horizontal	N/A
3	4881.500	50.49	-3.62	74.0	-23.51	Peak	353.00	200	Horizontal	Pass
3**	4881.500	40.98	-3.62	54.0	-13.02	AV	353.00	200	Horizontal	Pass
4	7819.750	53.06	1.95	74.0	-20.94	Peak	10.00	300	Horizontal	Pass
4**	7819.750	43.57	1.95	54.0	-10.43	AV	10.00	300	Horizontal	Pass
5	12449.800	48.85	-2.16	74.0	-25.15	Peak	216.00	100	Horizontal	Pass
5**	12449.800	40.13	-2.16	54.0	-13.87	AV	216.00	100	Horizontal	Pass
6	17490.487	52.24	3.08	74.0	-21.76	Peak	194.00	400	Horizontal	Pass
6**	17490.487	43.93	3.08	54.0	-10.07	AV	194.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	42.74	-17.57	74.0	-31.26	Peak	213.00	300	Vertical	Pass
1**	1332.500	31.07	-17.57	54.0	-22.93	AV	213.00	300	Vertical	Pass
2	2437.900	110.97	-12.39	74.0	36.97	Peak	28.00	150	Vertical	N/A
2**	2437.900	103.89	-12.39	54.0	49.89	AV	28.00	150	Vertical	N/A
3	4875.500	55.93	-3.57	74.0	-18.07	Peak	0.00	100	Vertical	Pass
3**	4875.500	47.17	-3.57	54.0	-6.83	AV	0.00	100	Vertical	Pass
4	7878.250	52.53	2.19	74.0	-21.47	Peak	283.00	200	Vertical	Pass
4**	7878.250	43.04	2.19	54.0	-10.96	AV	283.00	200	Vertical	Pass
5	12372.612	49.07	-2.86	74.0	-24.93	Peak	157.00	300	Vertical	Pass
5**	12372.612	38.99	-2.86	54.0	-15.01	AV	157.00	300	Vertical	Pass
6	16425.525	52.66	0.15	74.0	-21.34	Peak	119.00	100	Vertical	Pass
6**	16425.525	42.58	0.15	54.0	-11.42	AV	119.00	100	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	1228.400	42.00	-18.02	74.0	-32.00	Peak	8.00	200	Horizontal	Pass
1**	1228.400	33.73	-18.02	54.0	-20.27	AV	8.00	200	Horizontal	Pass
2	2459.900	107.27	-12.63	74.0	33.27	Peak	8.00	100	Horizontal	N/A
2**	2459.900	99.75	-12.63	54.0	45.75	AV	8.00	100	Horizontal	N/A
3	4922.250	51.82	-3.66	74.0	-22.18	Peak	307.00	300	Horizontal	Pass
3**	4922.250	43.38	-3.66	54.0	-10.62	AV	307.00	300	Horizontal	Pass
4	7499.500	53.35	-0.51	74.0	-20.65	Peak	360.00	400	Horizontal	Pass
4**	7499.500	42.98	-0.51	54.0	-11.02	AV	360.00	400	Horizontal	Pass
5	12435.787	49.15	-2.37	74.0	-24.85	Peak	329.00	300	Horizontal	Pass
5**	12435.787	40.16	-2.37	54.0	-13.84	AV	329.00	300	Horizontal	Pass
6	17288.364	52.84	1.99	74.0	-21.16	Peak	98.00	400	Horizontal	Pass
6**	17288.364	43.11	1.99	54.0	-10.89	AV	98.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	44.14	-17.23	74.0	-29.86	Peak	209.00	100	Vertical	Pass
1**	1329.400	35.39	-17.23	54.0	-18.61	AV	209.00	100	Vertical	Pass
2	2462.900	110.70	-12.66	74.0	36.70	Peak	286.00	150	Vertical	N/A
2**	2462.900	103.66	-12.66	54.0	49.66	AV	286.00	150	Vertical	N/A
3	4925.750	56.38	-3.83	74.0	-17.62	Peak	351.00	100	Vertical	Pass
3**	4925.750	47.90	-3.83	54.0	-6.10	AV	351.00	100	Vertical	Pass
4	7993.000	53.34	0.76	74.0	-20.66	Peak	185.00	200	Vertical	Pass
4**	7993.000	42.79	0.76	54.0	-11.21	AV	185.00	200	Vertical	Pass
5	11455.150	48.87	-3.92	74.0	-25.13	Peak	158.00	300	Vertical	Pass
5**	11455.150	38.56	-3.92	54.0	-15.44	AV	158.00	300	Vertical	Pass
6	17320.913	53.85	1.96	74.0	-20.15	Peak	215.00	200	Vertical	Pass
6**	17320.913	42.09	1.96	54.0	-11.91	AV	215.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	42.24	-17.29	74.0	-31.76	Peak	263.00	200	Horizontal	Pass
1**	1499.800	32.31	-17.29	54.0	-21.69	AV	263.00	200	Horizontal	Pass
2	2410.700	104.13	-13.48	74.0	30.13	Peak	18.00	100	Horizontal	N/A
2**	2410.700	97.88	-13.48	54.0	43.88	AV	18.00	100	Horizontal	N/A
3	4823.500	50.23	-3.03	74.0	-23.77	Peak	351.00	100	Horizontal	Pass
3**	4823.500	41.52	-3.03	54.0	-12.48	AV	351.00	100	Horizontal	Pass
4	7520.250	52.79	0.79	74.0	-21.21	Peak	331.00	400	Horizontal	Pass
4**	7520.250	42.88	0.79	54.0	-11.12	AV	331.00	400	Horizontal	Pass
5	12691.812	48.79	-2.33	74.0	-25.21	Peak	131.00	100	Horizontal	Pass
5**	12691.812	39.50	-2.33	54.0	-14.50	AV	131.00	100	Horizontal	Pass
6	17292.300	52.52	2.00	74.0	-21.48	Peak	347.00	300	Horizontal	Pass
6**	17292.300	42.39	2.00	54.0	-11.61	AV	347.00	300	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	1333.100	43.73	-17.53	74.0	-30.27	Peak	286.00	100	Vertical	Pass
1**	1333.100	35.62	-17.53	54.0	-18.38	AV	286.00	100	Vertical	Pass
2	2412.700	109.02	-13.42	74.0	35.02	Peak	14.00	200	Vertical	N/A
2**	2412.700	102.20	-13.42	54.0	48.20	AV	14.00	200	Vertical	N/A
3	4822.250	57.65	-3.08	74.0	-16.35	Peak	1.00	300	Vertical	Pass
3**	4822.250	47.72	-3.08	54.0	-6.28	AV	1.00	300	Vertical	Pass
4	7462.500	52.54	1.09	74.0	-21.46	Peak	0.00	200	Vertical	Pass
4**	7462.500	43.73	1.09	54.0	-10.27	AV	0.00	200	Vertical	Pass
5	12687.062	49.01	-2.33	74.0	-24.99	Peak	156.00	300	Vertical	Pass
5**	12687.062	39.86	-2.33	54.0	-14.14	AV	156.00	300	Vertical	Pass
6	16804.838	52.09	0.50	74.0	-21.91	Peak	290.00	400	Vertical	Pass
6**	16804.838	42.05	0.50	54.0	-11.95	AV	290.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	42.07	-17.75	74.0	-31.93	Peak	242.00	100	Horizontal	Pass
1**	1599.900	36.46	-17.75	54.0	-17.54	AV	242.00	100	Horizontal	Pass
2	2435.900	106.25	-12.15	74.0	32.25	Peak	11.00	100	Horizontal	N/A
2**	2435.900	101.36	-12.15	54.0	47.36	AV	11.00	100	Horizontal	N/A
3	4878.000	50.66	-3.64	74.0	-23.34	Peak	42.00	300	Horizontal	Pass
3**	4878.000	43.02	-3.64	54.0	-10.98	AV	42.00	300	Horizontal	Pass
4	7860.750	52.57	1.30	74.0	-21.43	Peak	164.00	200	Horizontal	Pass
4**	7860.750	43.08	1.30	54.0	-10.92	AV	164.00	200	Horizontal	Pass
5	12300.650	48.43	-2.44	74.0	-25.57	Peak	304.00	200	Horizontal	Pass
5**	12300.650	40.17	-2.44	54.0	-13.83	AV	304.00	200	Horizontal	Pass
6	16836.600	52.85	0.90	74.0	-21.15	Peak	347.00	200	Horizontal	Pass
6**	16836.600	43.40	0.90	54.0	-10.60	AV	347.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	43.52	-17.57	74.0	-30.48	Peak	213.00	400	Vertical	Pass
1**	1332.500	32.20	-17.57	54.0	-21.80	AV	213.00	400	Vertical	Pass
2	2436.300	110.04	-12.21	74.0	36.04	Peak	130.00	100	Vertical	N/A
2**	2436.300	104.30	-12.21	54.0	50.30	AV	130.00	100	Vertical	N/A
3	4877.250	56.89	-3.57	74.0	-17.11	Peak	0.00	300	Vertical	Pass
3**	4877.250	47.96	-3.57	54.0	-6.04	AV	0.00	300	Vertical	Pass
4	7135.000	52.32	0.87	74.0	-21.68	Peak	265.00	400	Vertical	Pass
4**	7135.000	42.94	0.87	54.0	-11.06	AV	265.00	400	Vertical	Pass
5	12408.713	49.42	-2.78	74.0	-24.58	Peak	107.00	400	Vertical	Pass
5**	12408.713	39.50	-2.78	54.0	-14.50	AV	107.00	400	Vertical	Pass
6	16495.088	52.37	-0.00	74.0	-21.63	Peak	77.00	300	Vertical	Pass
6**	16495.088	42.77	-0.00	54.0	-11.23	AV	77.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1230.200	42.03	-17.97	74.0	-31.97	Peak	358.00	100	Horizontal	Pass
1**	1230.200	33.49	-17.97	54.0	-20.51	AV	358.00	100	Horizontal	Pass
2	2462.900	107.04	-12.66	74.0	33.04	Peak	87.00	150	Horizontal	N/A
2**	2462.900	99.29	-12.66	54.0	45.29	AV	87.00	150	Horizontal	N/A
3	4920.250	50.97	-3.83	74.0	-23.03	Peak	298.00	300	Horizontal	Pass
3**	4920.250	41.13	-3.83	54.0	-12.87	AV	298.00	300	Horizontal	Pass
4	7515.000	52.44	0.84	74.0	-21.56	Peak	307.00	400	Horizontal	Pass
4**	7515.000	43.70	0.84	54.0	-10.30	AV	307.00	400	Horizontal	Pass
5	12666.875	48.96	-2.31	74.0	-25.04	Peak	9.00	200	Horizontal	Pass
5**	12666.875	40.31	-2.31	54.0	-13.69	AV	9.00	200	Horizontal	Pass
6	17460.824	52.91	3.09	74.0	-21.09	Peak	-3.00	400	Horizontal	Pass
6**	17460.824	42.02	3.09	54.0	-11.98	AV	-3.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	42.34	-17.15	74.0	-31.66	Peak	230.00	300	Horizontal	Pass
1**	1328.800	32.48	-17.15	54.0	-21.52	AV	230.00	300	Horizontal	Pass
2	2463.000	110.05	-12.66	74.0	36.05	Peak	0.00	150	Horizontal	N/A
2**	2463.000	103.52	-12.66	54.0	49.52	AV	0.00	150	Horizontal	N/A
3	4922.250	55.11	-3.66	74.0	-18.89	Peak	324.00	200	Horizontal	Pass
3**	4922.250	47.93	-3.66	54.0	-6.07	AV	324.00	200	Horizontal	Pass
4	7454.750	52.53	1.18	74.0	-21.47	Peak	25.00	100	Horizontal	Pass
4**	7454.750	44.32	1.18	54.0	-9.68	AV	25.00	100	Horizontal	Pass
5	12041.775	49.00	-3.37	74.0	-25.00	Peak	278.00	400	Horizontal	Pass
5**	12041.775	39.34	-3.37	54.0	-14.66	AV	278.00	400	Horizontal	Pass
6	17257.126	52.37	1.94	74.0	-21.63	Peak	308.00	300	Horizontal	Pass
6**	17257.126	42.81	1.94	54.0	-11.19	AV	308.00	300	Horizontal	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	1599.800	42.89	-17.74	74.0	-31.11	Peak	254.00	100	Horizontal	Pass
1**	1599.800	36.84	-17.74	54.0	-17.16	AV	254.00	100	Horizontal	Pass
2	2424.800	102.40	-12.82	74.0	28.40	Peak	19.00	150	Horizontal	N/A
2**	2424.800	95.44	-12.82	54.0	41.44	AV	19.00	150	Horizontal	N/A
3	2527.700	50.23	-12.77	74.0	-23.77	Peak	9.00	150	Horizontal	Pass
3**	2527.700	40.00	-12.77	54.0	-14.00	AV	9.00	150	Horizontal	Pass
4	7817.500	53.49	1.55	74.0	-20.51	Peak	332.00	400	Horizontal	Pass
4**	7817.500	45.28	1.55	54.0	-8.72	AV	332.00	400	Horizontal	Pass
5	12670.913	49.21	-2.31	74.0	-24.79	Peak	161.00	300	Horizontal	Pass
5**	12670.913	40.47	-2.31	54.0	-13.53	AV	161.00	300	Horizontal	Pass
6	16500.863	52.91	-0.00	74.0	-21.09	Peak	11.00	400	Horizontal	Pass
6**	16500.863	43.30	-0.00	54.0	-10.70	AV	11.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	45.09	-17.41	74.0	-28.91	Peak	268.00	300	Vertical	Pass
1**	1330.700	32.05	-17.41	54.0	-21.95	AV	268.00	300	Vertical	Pass
2	2420.100	106.92	-13.04	74.0	32.92	Peak	6.00	150	Vertical	N/A
2**	2420.100	99.33	-13.04	54.0	45.33	AV	6.00	150	Vertical	N/A
3	4845.500	49.86	-4.07	74.0	-24.14	Peak	357.00	400	Vertical	Pass
3**	4845.500	47.90	-4.07	54.0	-6.10	AV	357.00	400	Vertical	Pass
4	7869.750	54.09	1.91	74.0	-19.91	Peak	295.00	400	Vertical	Pass
4**	7869.750	45.46	1.91	54.0	-8.54	AV	295.00	400	Vertical	Pass
5	12764.963	49.31	-2.31	74.0	-24.69	Peak	10.00	400	Vertical	Pass
5**	12764.963	39.57	-2.31	54.0	-14.43	AV	10.00	400	Vertical	Pass
6	17315.400	53.65	1.97	74.0	-20.35	Peak	114.00	200	Vertical	Pass
6**	17315.400	43.61	1.97	54.0	-10.39	AV	114.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	42.87	-17.74	74.0	-31.13	Peak	150.00	300	Horizontal	Pass
1**	1599.800	37.24	-17.74	54.0	-16.76	AV	150.00	300	Horizontal	Pass
2	2434.900	104.29	-12.10	74.0	30.29	Peak	25.00	200	Horizontal	N/A
2**	2434.900	97.81	-12.10	54.0	43.81	AV	25.00	200	Horizontal	N/A
3	2887.400	49.83	-10.19	74.0	-24.17	Peak	82.00	300	Horizontal	Pass
3**	2887.400	41.03	-10.19	54.0	-12.97	AV	82.00	300	Horizontal	Pass
4	7864.500	54.25	1.60	74.0	-19.75	Peak	307.00	300	Horizontal	Pass
4**	7864.500	44.81	1.60	54.0	-9.19	AV	307.00	300	Horizontal	Pass
5	12316.562	49.31	-2.56	74.0	-24.69	Peak	175.00	200	Horizontal	Pass
5**	12316.562	39.79	-2.56	54.0	-14.21	AV	175.00	200	Horizontal	Pass
6	16903.011	53.78	1.47	74.0	-20.22	Peak	274.00	300	Horizontal	Pass
6**	16903.011	44.77	1.47	54.0	-9.23	AV	274.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	43.76	-17.47	74.0	-30.24	Peak	293.00	100	Vertical	Pass
1**	1331.400	31.86	-17.47	54.0	-22.14	AV	293.00	100	Vertical	Pass
2	2435.600	107.39	-12.11	74.0	33.39	Peak	4.00	100	Vertical	N/A
2**	2435.600	99.48	-12.11	54.0	45.48	AV	4.00	100	Vertical	N/A
3	4875.250	52.12	-3.58	74.0	-21.88	Peak	339.00	300	Vertical	Pass
3**	4875.250	47.79	-3.58	54.0	-6.21	AV	339.00	300	Vertical	Pass
4	7834.500	53.84	2.22	74.0	-20.16	Peak	303.00	300	Vertical	Pass
4**	7834.500	45.17	2.22	54.0	-8.83	AV	303.00	300	Vertical	Pass
5	11401.000	49.80	-4.21	74.0	-24.20	Peak	183.00	200	Vertical	Pass
5**	11401.000	39.74	-4.21	54.0	-14.26	AV	183.00	200	Vertical	Pass
6	17487.600	52.93	3.08	74.0	-21.07	Peak	72.00	100	Vertical	Pass
6**	17487.600	43.40	3.08	54.0	-10.60	AV	72.00	100	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	1599.900	42.89	-17.75	74.0	-31.11	Peak	359.00	300	Horizontal	Pass
1**	1599.900	37.02	-17.75	54.0	-16.98	AV	359.00	300	Horizontal	Pass
2	2449.800	105.84	-12.77	74.0	31.84	Peak	16.00	100	Horizontal	N/A
2**	2449.800	98.14	-12.77	54.0	44.14	AV	16.00	100	Horizontal	N/A
3	5276.250	51.37	-3.42	74.0	-22.63	Peak	131.00	300	Horizontal	Pass
3**	5276.250	42.68	-3.42	54.0	-11.32	AV	131.00	300	Horizontal	Pass
4	7863.500	53.58	1.48	74.0	-20.42	Peak	209.00	300	Horizontal	Pass
4**	7863.500	44.26	1.48	54.0	-9.74	AV	209.00	300	Horizontal	Pass
5	12435.550	49.44	-2.37	74.0	-24.56	Peak	322.00	300	Horizontal	Pass
5**	12435.550	40.52	-2.37	54.0	-13.48	AV	322.00	300	Horizontal	Pass
6	17478.937	52.32	3.09	74.0	-21.68	Peak	0.00	200	Horizontal	Pass
6**	17478.937	43.27	3.09	54.0	-10.73	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	42.47	-17.74	74.0	-31.53	Peak	316.00	300	Vertical	Pass
1**	1599.800	37.09	-17.74	54.0	-16.91	AV	316.00	300	Vertical	Pass
2	2450.400	107.81	-12.73	74.0	33.81	Peak	0.00	100	Vertical	N/A
2**	2450.400	100.53	-12.73	54.0	46.53	AV	0.00	100	Vertical	N/A
3	4900.500	52.31	-3.50	74.0	-21.69	Peak	360.00	100	Vertical	Pass
3**	4900.500	47.15	-3.50	54.0	-6.85	AV	360.00	100	Vertical	Pass
4	7859.750	54.03	1.24	74.0	-19.97	Peak	168.00	100	Vertical	Pass
4**	7859.750	44.89	1.24	54.0	-9.11	AV	168.00	100	Vertical	Pass
5	12377.125	49.83	-2.87	74.0	-24.17	Peak	40.00	100	Vertical	Pass
5**	12377.125	39.11	-2.87	54.0	-14.89	AV	40.00	100	Vertical	Pass
6	16549.949	53.08	0.03	74.0	-20.92	Peak	98.00	300	Vertical	Pass
6**	16549.949	43.50	0.03	54.0	-10.50	AV	98.00	300	Vertical	Pass

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

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

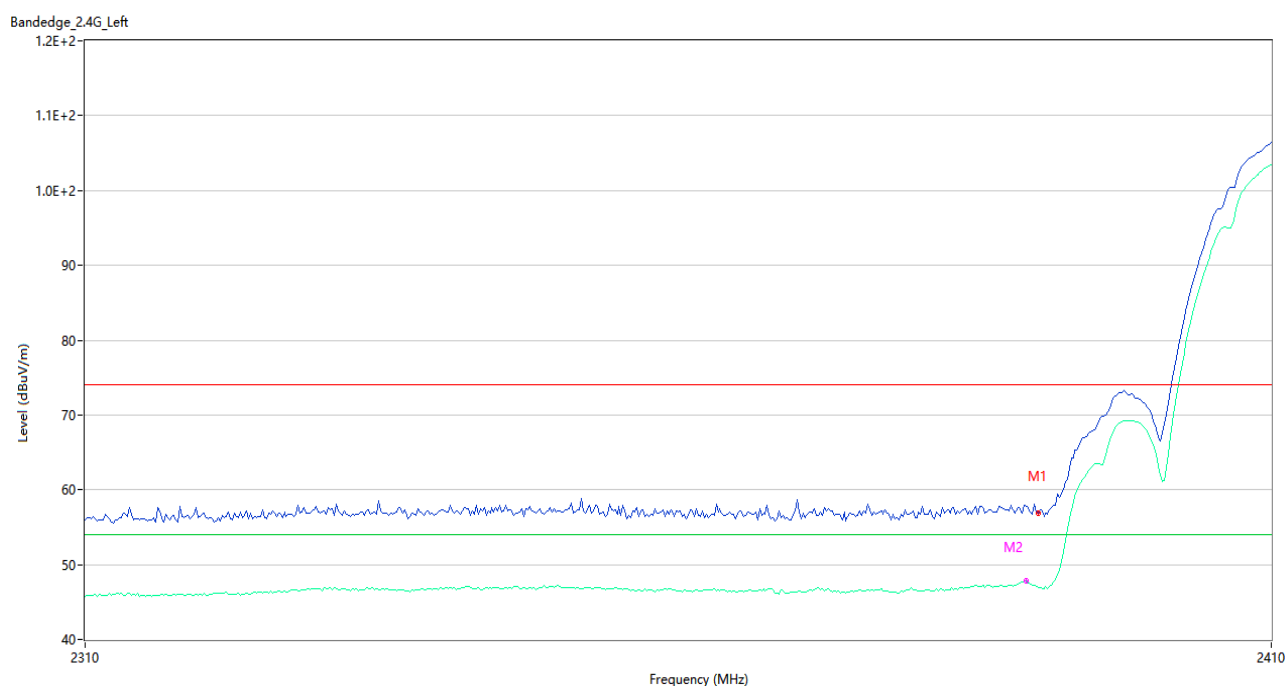
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

Test Data and Plots

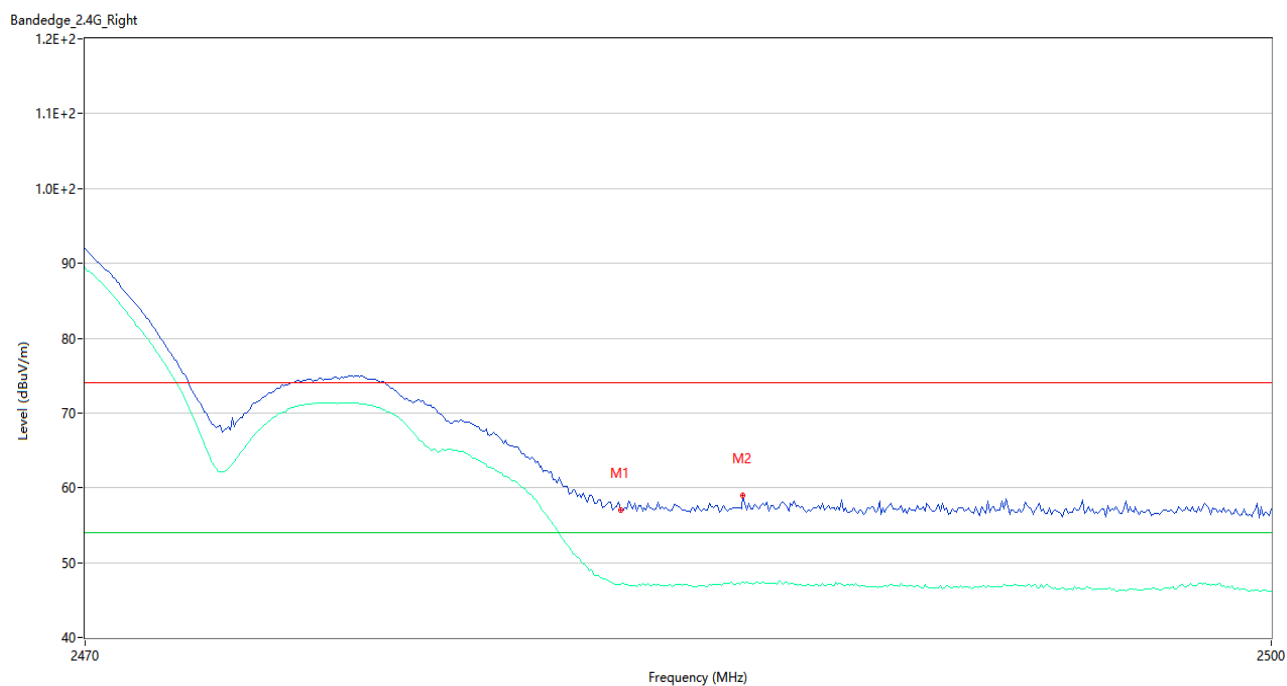
Main Antenna

802.11b LOW CHANNEL



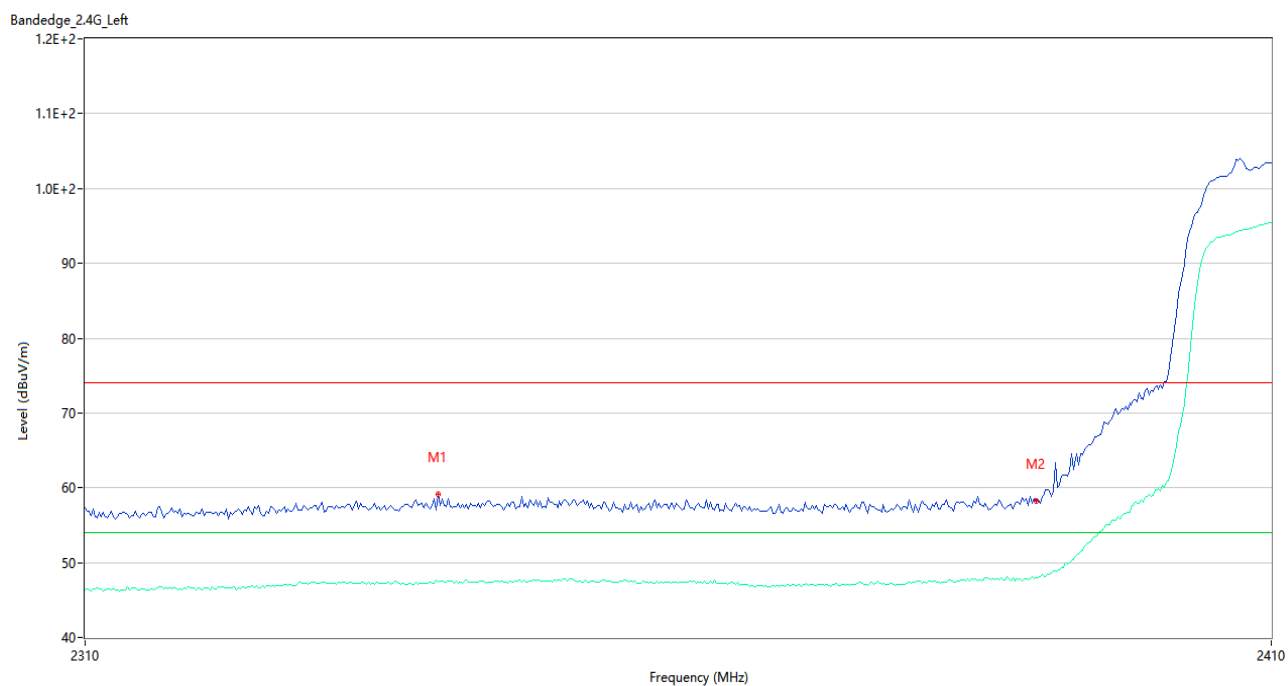
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.91	1.62	74.0	-17.09	Peak	7.13	150	Vertical	Pass
1**	2390.000	46.87	1.62	54.0	-7.13	AV	7.13	150	Vertical	Pass
2	2389.000	57.84	1.70	74.0	-16.16	Peak	15.00	150	Vertical	Pass
2**	2389.000	47.85	1.70	54.0	-6.15	AV	15.00	150	Vertical	Pass

802.11b HIGH CHANNEL



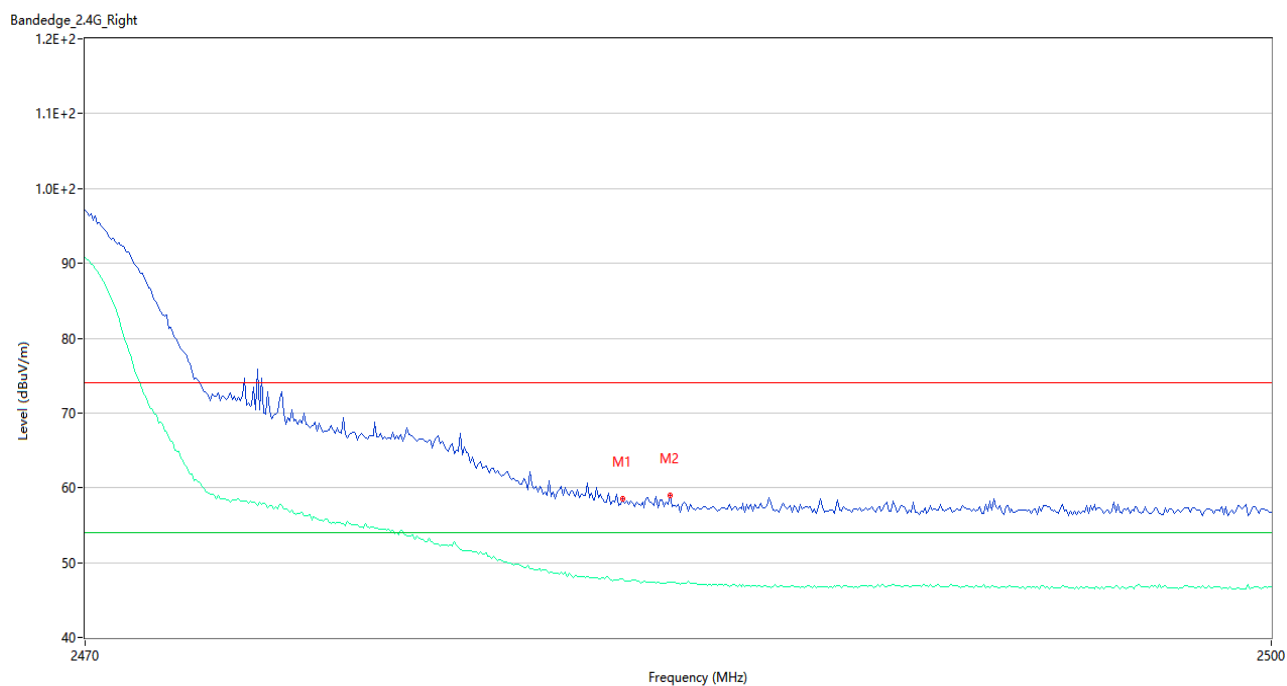
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.02	1.98	74.0	-16.98	Peak	95.00	100	Vertical	Pass
1**	2483.500	47.08	1.98	54.0	-6.92	AV	95.00	100	Vertical	Pass
2	2486.600	59.01	1.80	74.0	-14.99	Peak	24.00	100	Vertical	Pass
2**	2486.600	47.37	1.80	54.0	-6.63	AV	24.00	100	Vertical	Pass

802.11g LOW CHANNEL



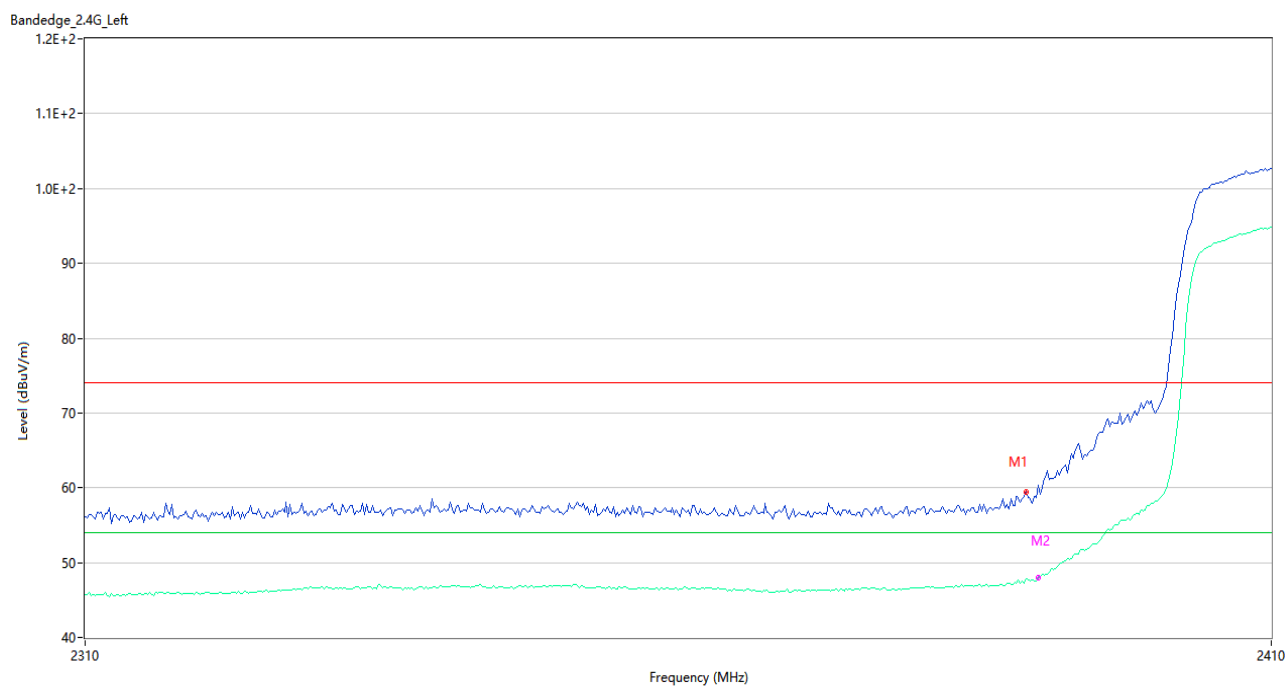
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2339.333	59.10	2.51	74.0	-14.90	Peak	151.00	100	Vertical	Pass
1**	2339.333	47.42	2.51	54.0	-6.58	AV	151.00	100	Vertical	Pass
2	2389.833	58.25	1.64	74.0	-15.75	Peak	161.00	200	Vertical	Pass
2**	2389.833	47.97	1.64	54.0	-6.03	AV	161.00	200	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	2483.550	58.53	1.98	74.0	-15.47	Peak	170.00	100	Vertical	Pass
1**	2483.550	47.79	1.98	54.0	-6.21	AV	170.00	100	Vertical	Pass
2	2484.750	58.97	1.95	74.0	-15.03	Peak	109.00	150	Vertical	Pass
2**	2484.750	47.43	1.95	54.0	-6.57	AV	109.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



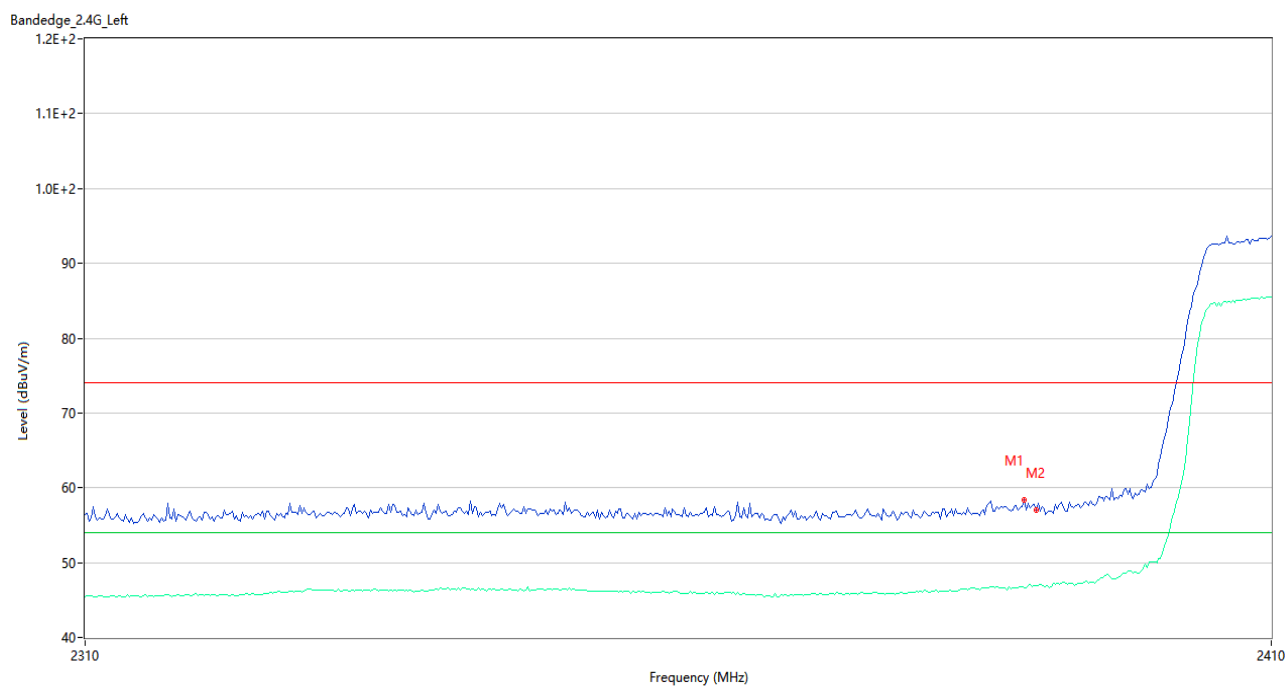
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.000	59.49	1.70	74.0	-14.51	Peak	6.00	150	Vertical	Pass
1**	2389.000	47.78	1.70	54.0	-6.22	AV	6.00	150	Vertical	Pass
2	2390.000	60.29	1.62	74.0	-13.71	Peak	179.00	150	Vertical	Pass
2**	2390.000	47.96	1.62	54.0	-6.04	AV	179.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



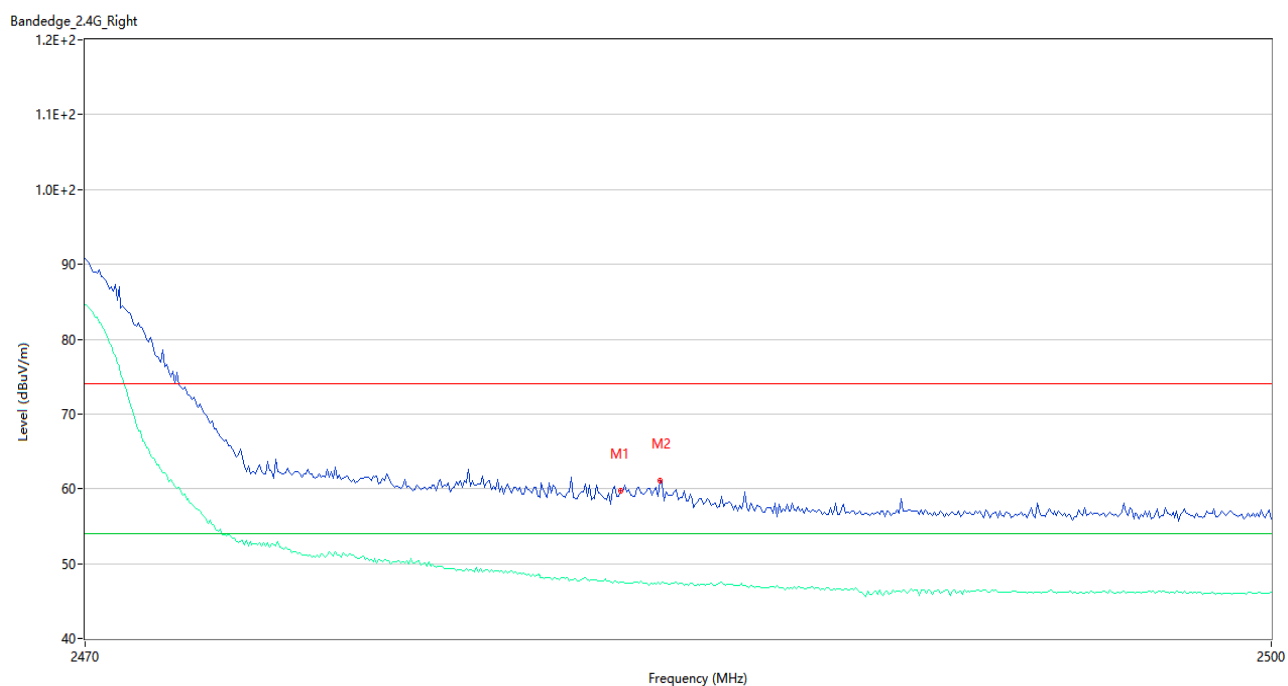
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	58.31	1.98	74.0	-15.69	Peak	178.00	150	Vertical	Pass
1**	2483.550	47.52	1.98	54.0	-6.48	AV	178.00	150	Vertical	Pass
2	2484.200	59.54	2.00	74.0	-14.46	Peak	361.00	150	Vertical	Pass
2**	2484.200	47.18	2.00	54.0	-6.82	AV	361.00	150	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.833	58.31	1.71	74.0	-15.69	Peak	177.00	150	Vertical	Pass
1**	2388.833	46.58	1.71	54.0	-7.42	AV	177.00	150	Vertical	Pass
2	2389.833	57.01	1.64	74.0	-16.99	Peak	301.00	150	Vertical	Pass
2**	2389.833	46.86	1.64	54.0	-7.14	AV	301.00	150	Vertical	Pass

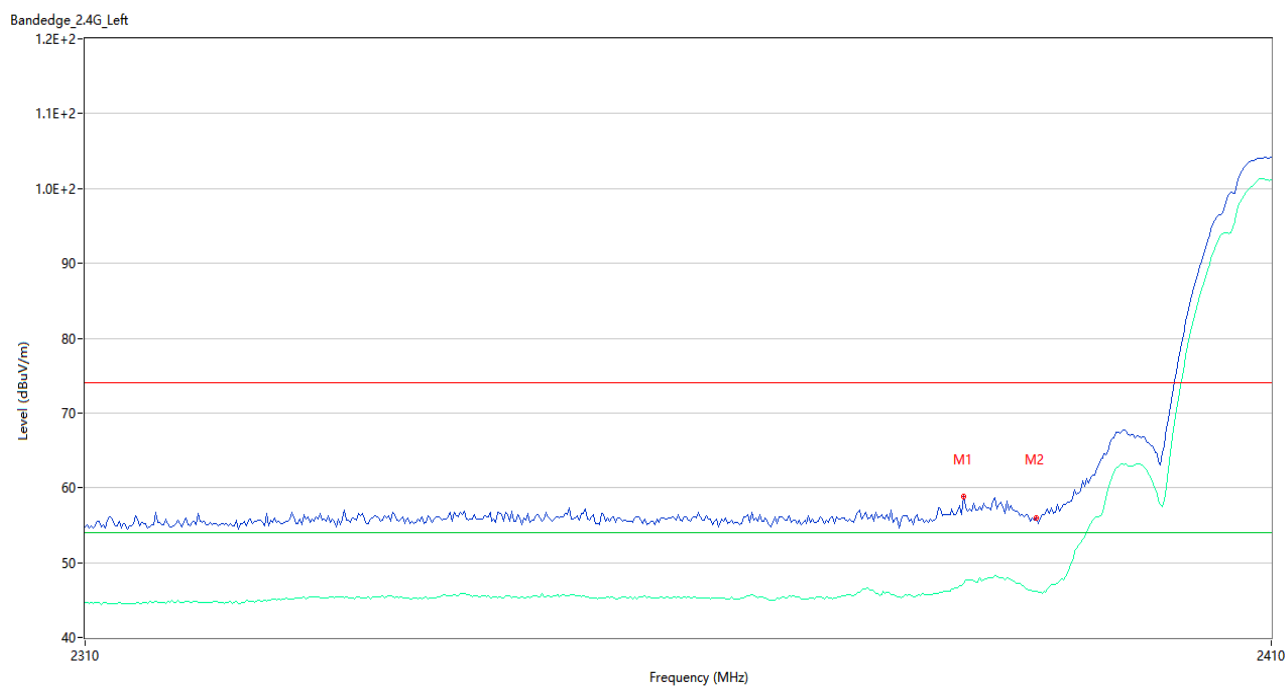
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.70	1.98	74.0	-14.30	Peak	121.00	200	Vertical	Pass
1**	2483.500	46.94	1.98	54.0	-7.06	AV	121.00	200	Vertical	Pass
2	2484.500	61.09	1.97	74.0	-12.91	Peak	79.00	150	Vertical	Pass
2**	2484.500	46.83	1.97	54.0	-7.17	AV	79.00	150	Vertical	Pass

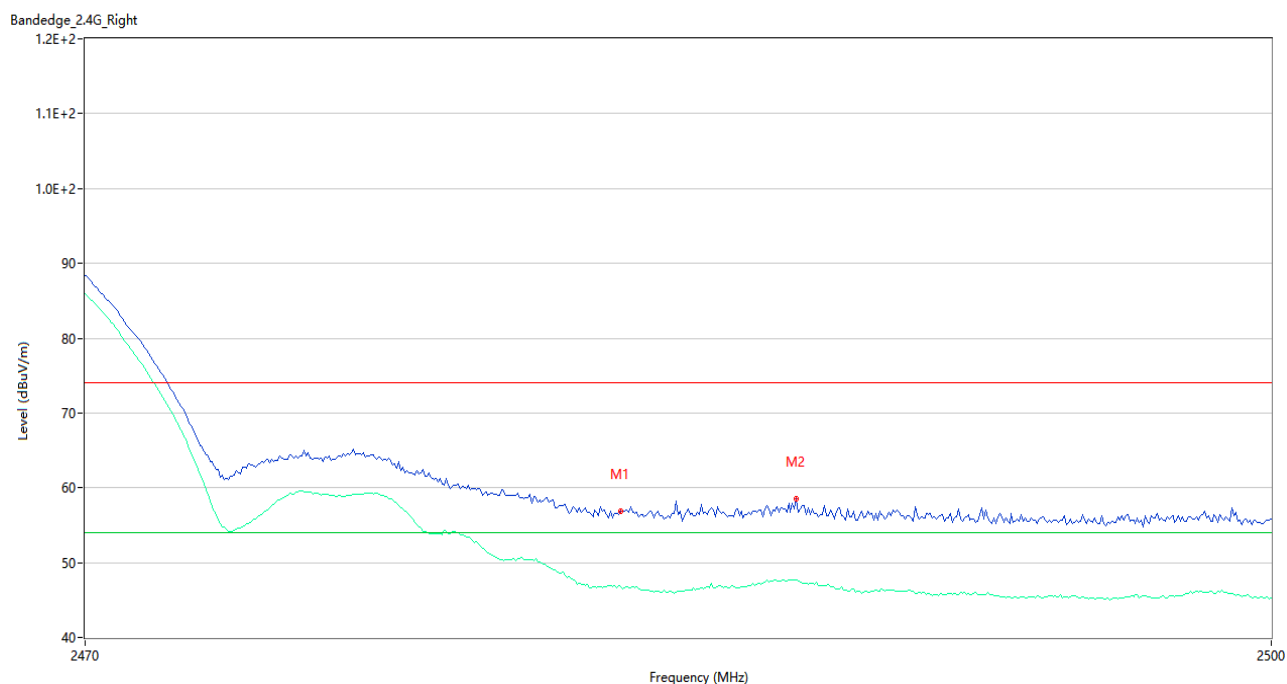
Aux. Antenna

802.11b LOW CHANNEL



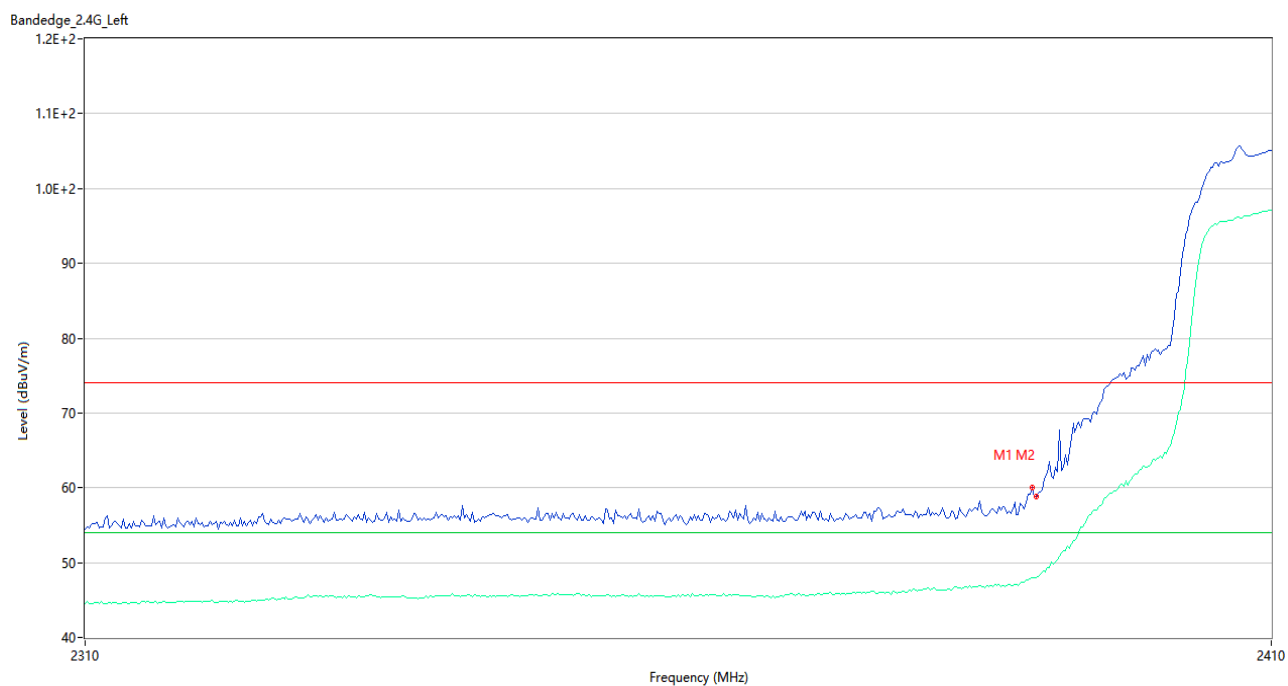
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.667	58.84	1.79	74.0	-15.16	Peak	21.00	100	Vertical	Pass
1**	2383.667	47.17	1.79	54.0	-6.83	AV	21.00	100	Vertical	Pass
2	2389.833	55.98	1.64	74.0	-18.02	Peak	15.00	200	Vertical	Pass
2**	2389.833	46.14	1.64	54.0	-7.86	AV	15.00	200	Vertical	Pass

802.11b HIGH CHANNEL



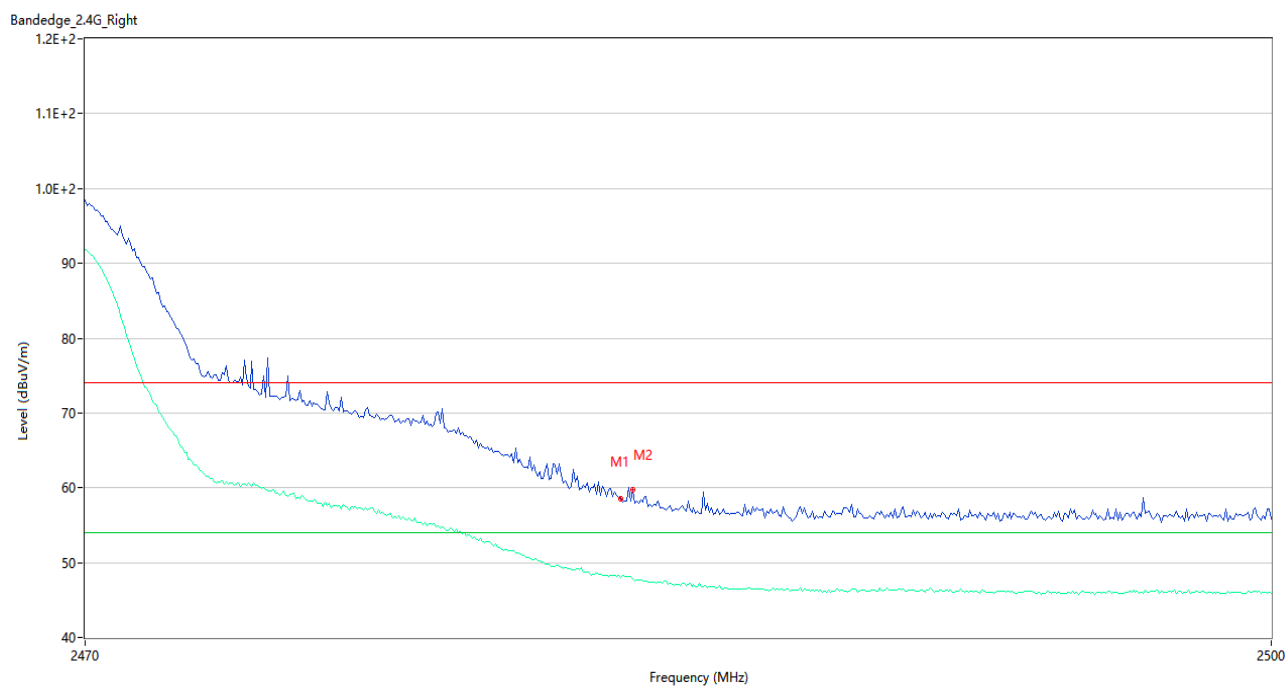
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.83	1.98	74.0	-17.17	Peak	345.00	150	Vertical	Pass
1**	2483.500	46.80	1.98	54.0	-7.20	AV	345.00	150	Vertical	Pass
2	2487.950	58.52	1.73	74.0	-15.48	Peak	215.00	100	Vertical	Pass
2**	2487.950	47.61	1.73	54.0	-6.39	AV	215.00	100	Vertical	Pass

802.11g LOW CHANNEL



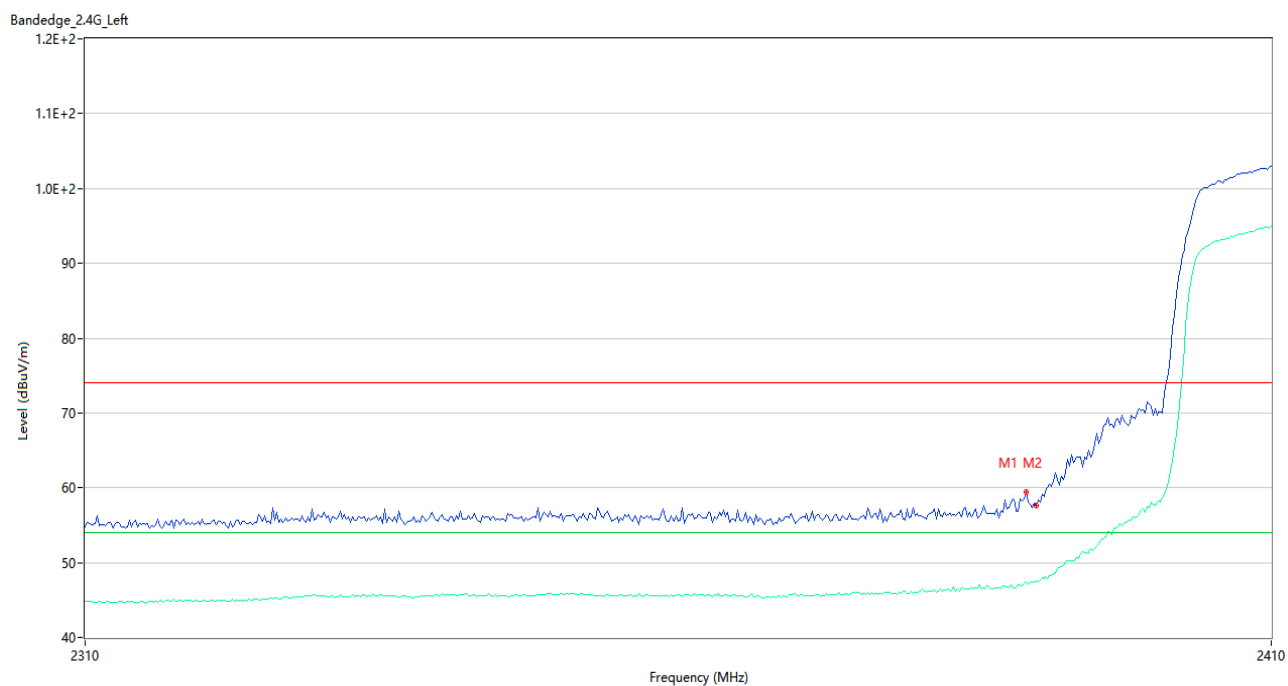
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	60.11	1.66	74.0	-13.89	Peak	199.00	200	Vertical	Pass
1**	2389.500	48.00	1.66	54.0	-6.00	AV	199.00	200	Vertical	Pass
2	2389.833	58.90	1.64	74.0	-15.10	Peak	201.00	200	Vertical	Pass
2**	2389.833	47.92	1.64	54.0	-6.08	AV	201.00	200	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	58.46	1.98	74.0	-15.54	Peak	272.00	100	Vertical	Pass
1**	2483.500	48.00	1.98	54.0	-6.00	AV	272.00	100	Vertical	Pass
2	2483.800	59.67	1.99	74.0	-14.33	Peak	274.00	150	Vertical	Pass
2**	2483.800	47.76	1.99	54.0	-6.24	AV	274.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



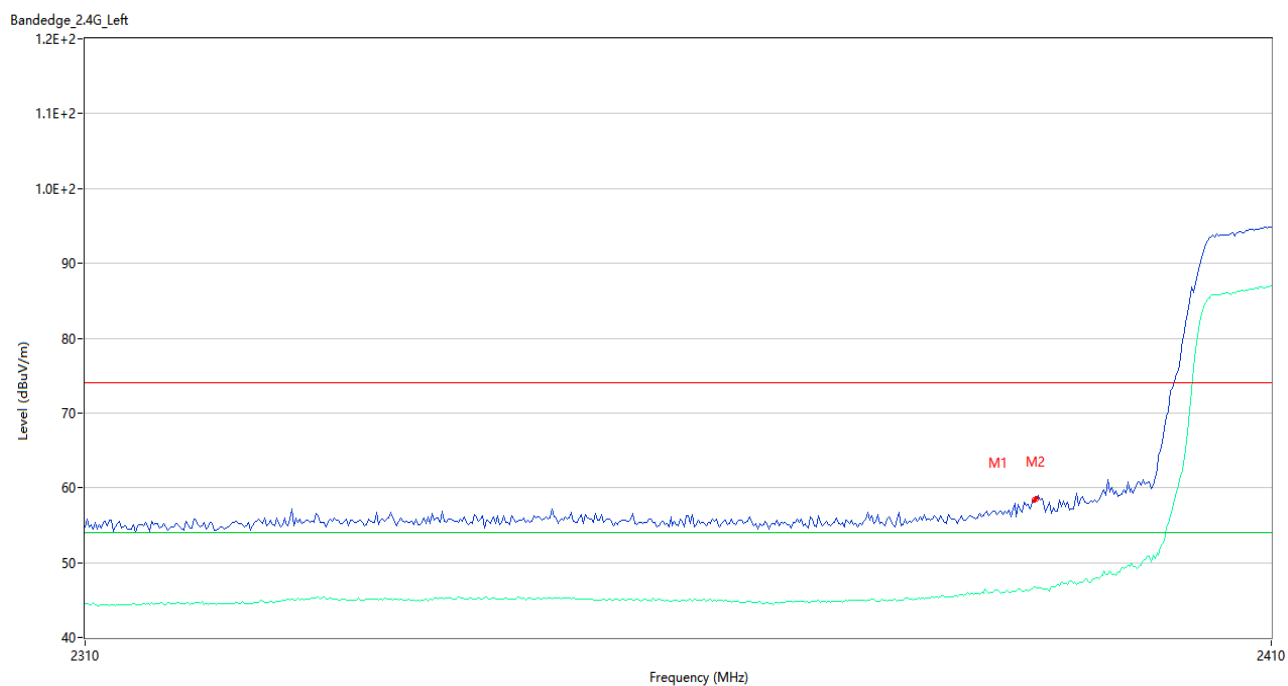
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.000	59.48	1.70	74.0	-14.52	Peak	186.00	100	Vertical	Pass
1**	2389.000	47.44	1.70	54.0	-6.56	AV	186.00	100	Vertical	Pass
2	2389.833	57.57	1.64	74.0	-16.43	Peak	14.00	200	Vertical	Pass
2**	2389.833	47.61	1.64	54.0	-6.39	AV	14.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL



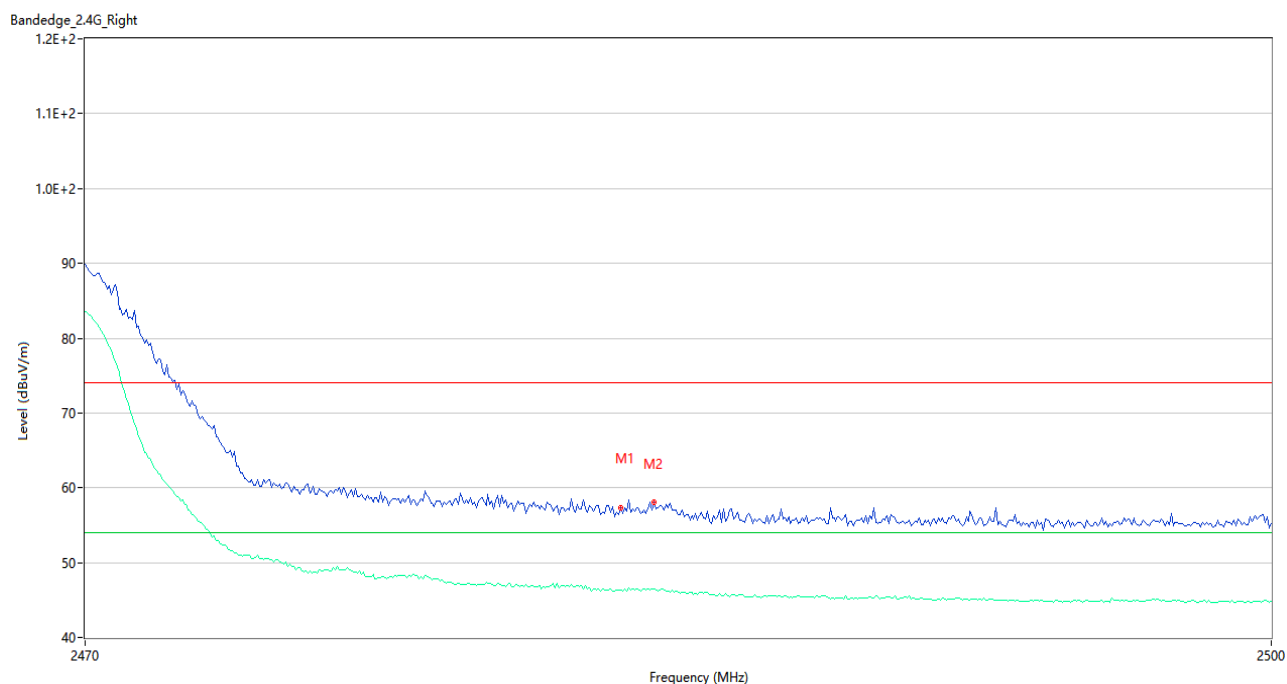
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.79	1.98	74.0	-15.21	Peak	242.00	150	Vertical	Pass
1**	2483.500	47.86	1.98	54.0	-6.14	AV	242.00	150	Vertical	Pass
2	2484.050	59.32	1.99	74.0	-14.68	Peak	234.00	200	Vertical	Pass
2**	2484.050	47.45	1.99	54.0	-6.55	AV	234.00	200	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	58.35	1.65	74.0	-15.65	Peak	209.00	100	Vertical	Pass
1**	2389.667	46.84	1.65	54.0	-7.16	AV	209.00	100	Vertical	Pass
2	2389.833	58.52	1.64	74.0	-15.48	Peak	245.00	150	Vertical	Pass
2**	2389.833	46.67	1.64	54.0	-7.33	AV	245.00	150	Vertical	Pass

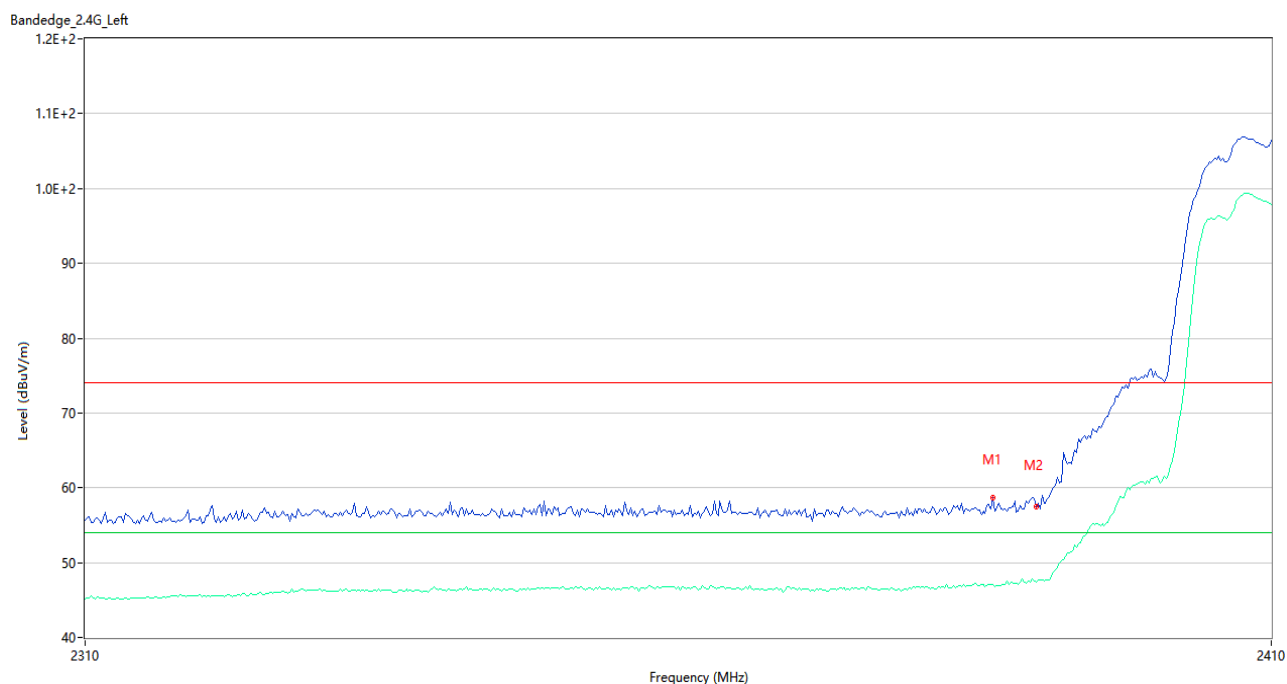
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.36	1.98	74.0	-16.64	Peak	211.00	150	Vertical	Pass
1**	2483.500	46.34	1.98	54.0	-7.66	AV	211.00	150	Vertical	Pass
2	2484.350	58.13	1.98	74.0	-15.87	Peak	227.00	150	Vertical	Pass
2**	2484.350	46.55	1.98	54.0	-7.45	AV	227.00	150	Vertical	Pass

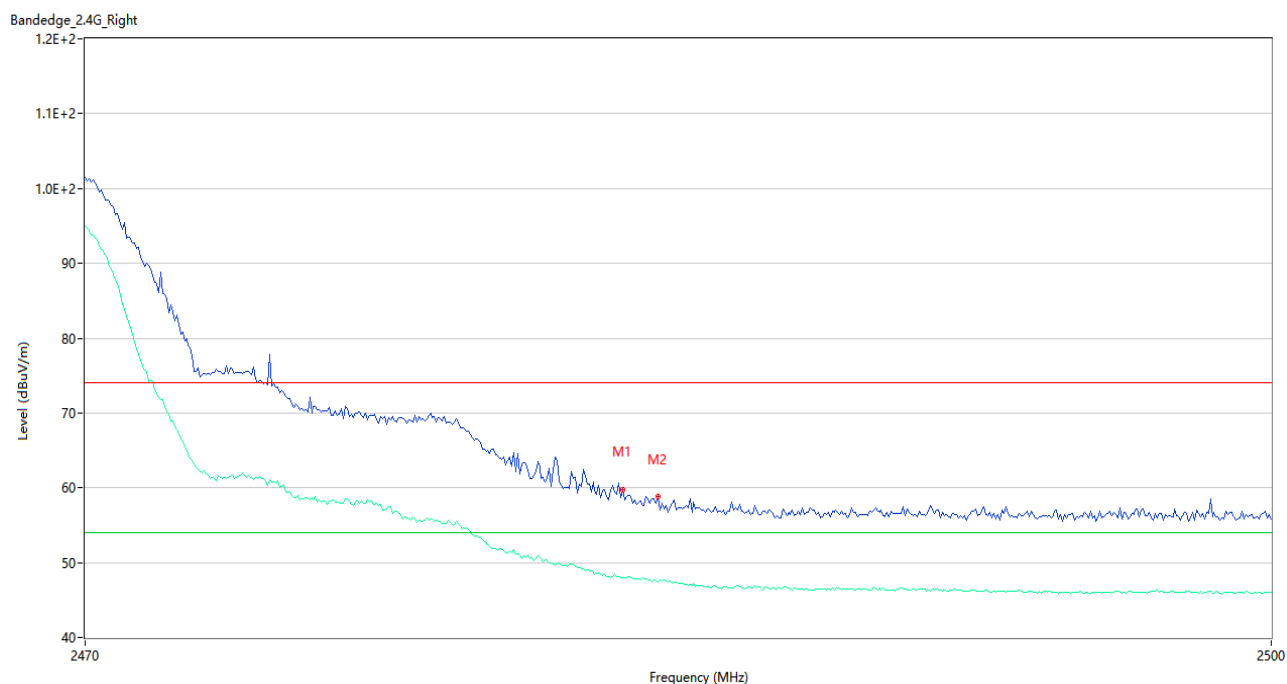
MIMO

802.11g LOW CHANNEL



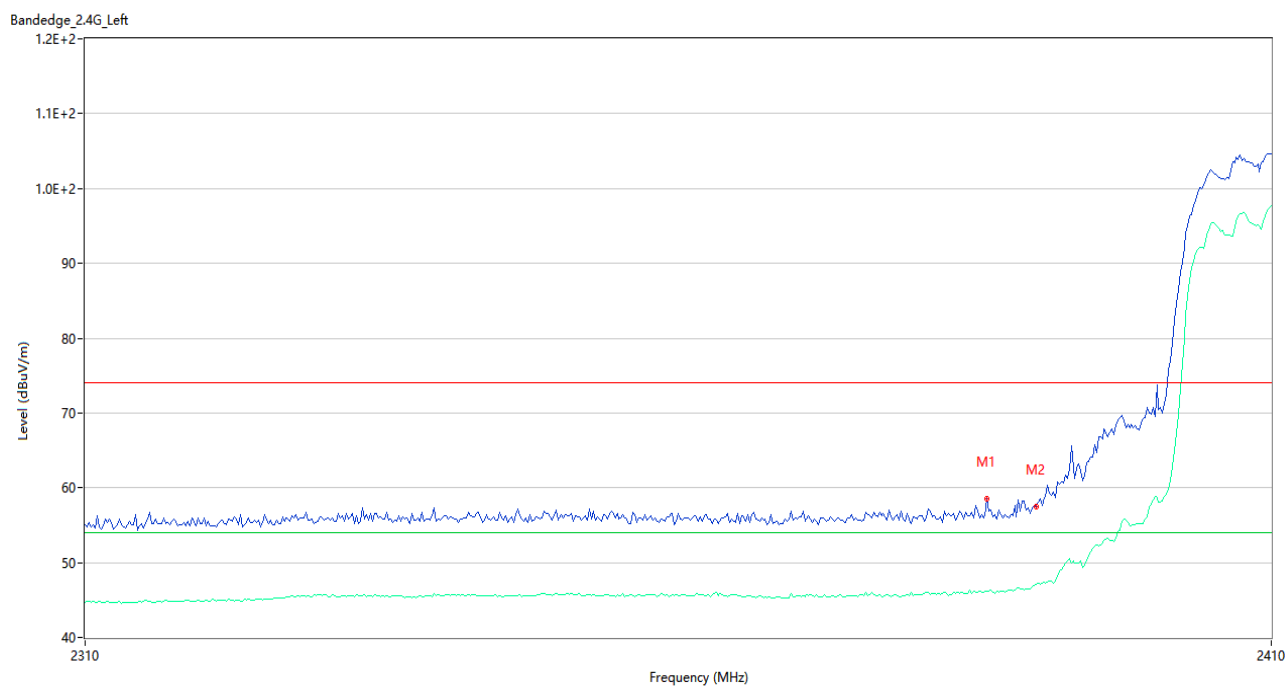
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.167	58.74	1.84	74.0	-15.26	Peak	38.00	100	Vertical	Pass
1**	2386.167	47.03	1.84	54.0	-6.97	AV	38.00	100	Vertical	Pass
2	2389.833	57.46	1.64	74.0	-16.54	Peak	359.00	150	Vertical	Pass
2**	2389.833	47.42	1.64	54.0	-6.58	AV	359.00	150	Vertical	Pass

802.11g HIGH CHANNEL



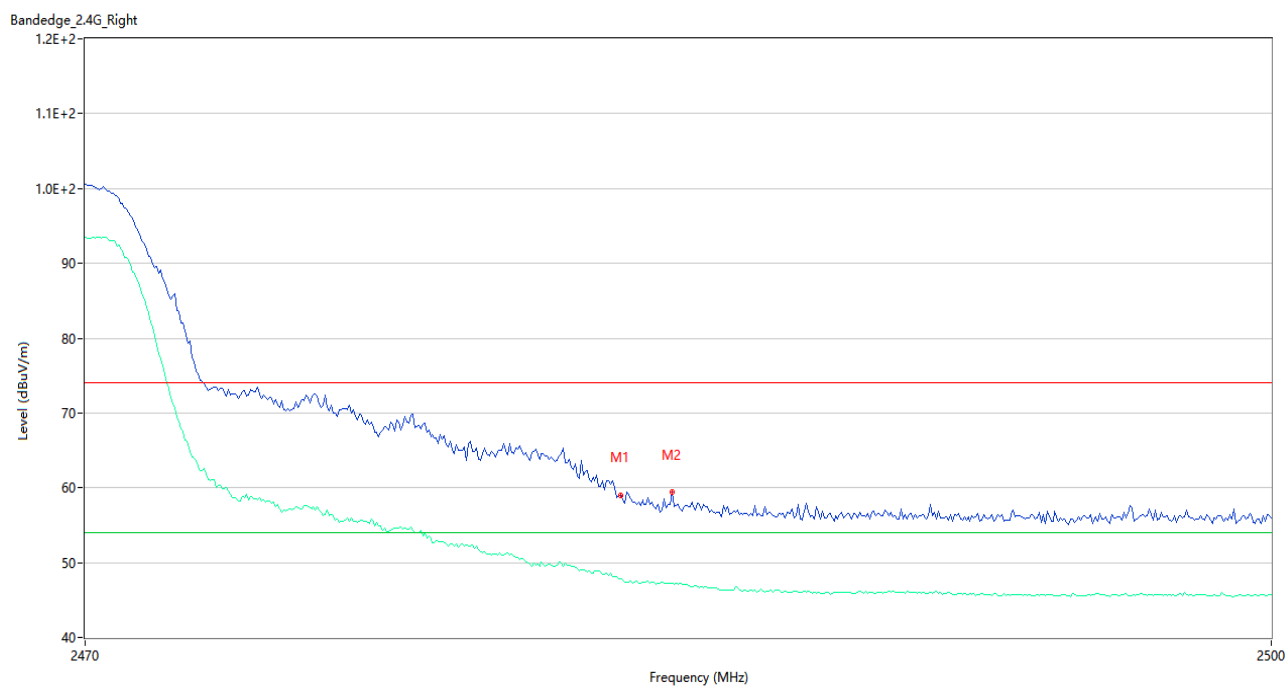
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	59.79	1.98	74.0	-14.21	Peak	10.00	100	Vertical	Pass
1**	2483.550	47.95	1.98	54.0	-6.05	AV	10.00	100	Vertical	Pass
2	2484.450	58.88	1.97	74.0	-15.12	Peak	104.00	150	Vertical	Pass
2**	2484.450	47.43	1.97	54.0	-6.57	AV	104.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



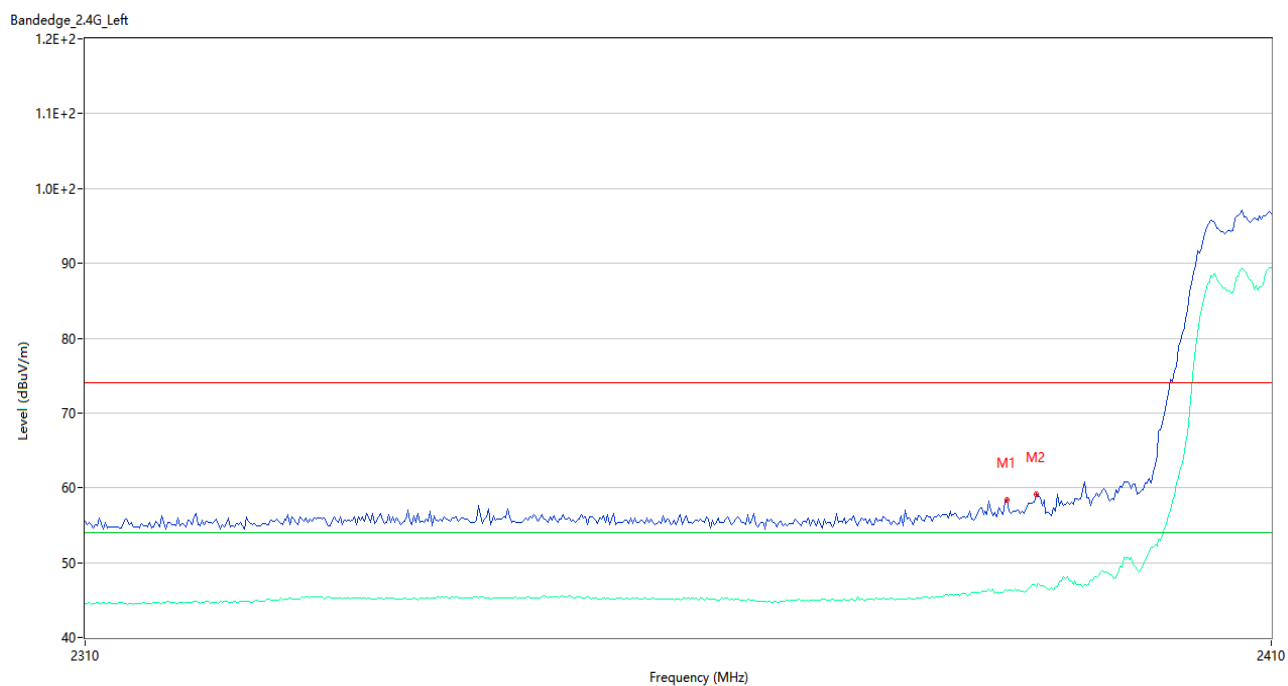
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.667	58.56	1.84	74.0	-15.44	Peak	9.00	100	Vertical	Pass
1**	2385.667	46.13	1.84	54.0	-7.87	AV	9.00	100	Vertical	Pass
2	2389.833	57.41	1.64	74.0	-16.59	Peak	274.00	100	Vertical	Pass
2**	2389.833	47.07	1.64	54.0	-6.93	AV	274.00	100	Vertical	Pass

802.11n20 HIGH CHANNEL



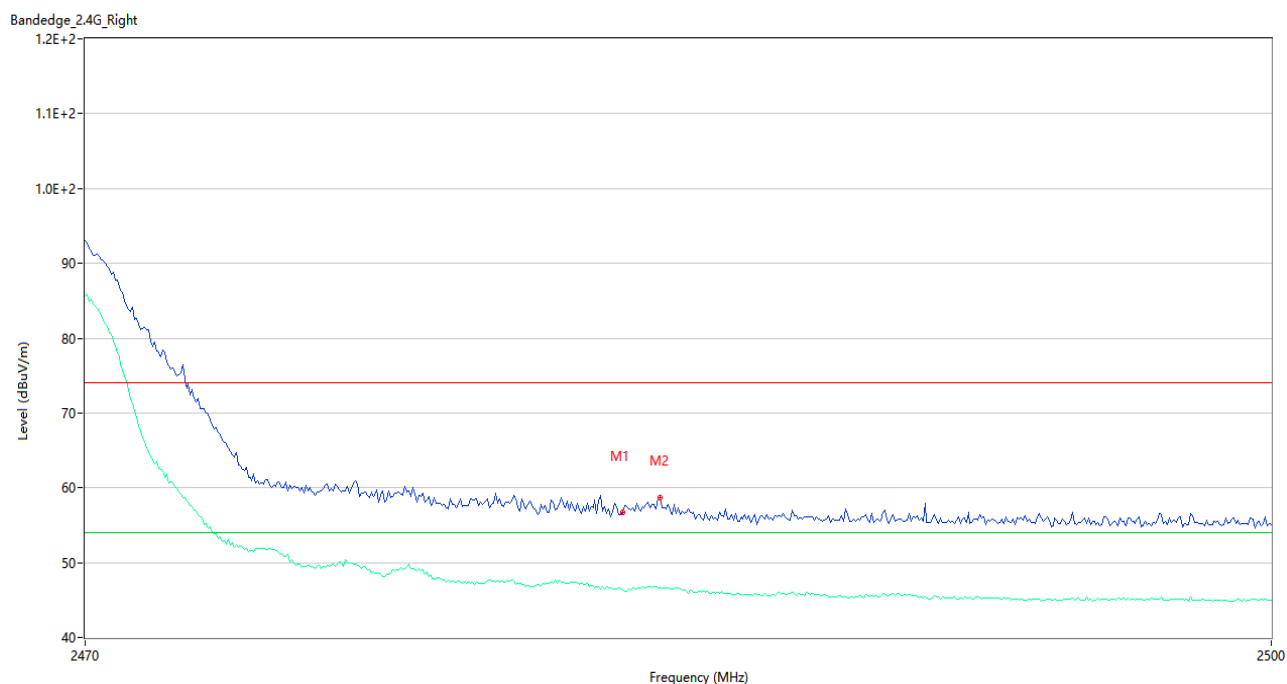
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.03	1.98	74.0	-14.97	Peak	9.00	100	Vertical	Pass
1**	2483.500	47.84	1.98	54.0	-6.16	AV	9.00	100	Vertical	Pass
2	2484.800	59.44	1.94	74.0	-14.56	Peak	294.00	150	Vertical	Pass
2**	2484.800	47.20	1.94	54.0	-6.80	AV	294.00	150	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.333	58.38	1.79	74.0	-15.62	Peak	18.00	200	Vertical	Pass
1**	2387.333	46.18	1.79	54.0	-7.82	AV	18.00	200	Vertical	Pass
2	2389.833	59.10	1.64	74.0	-14.90	Peak	20.00	100	Vertical	Pass
2**	2389.833	46.82	1.64	54.0	-7.18	AV	20.00	100	Vertical	Pass

802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	56.74	1.98	74.0	-17.26	Peak	358.00	150	Vertical	Pass
1**	2483.550	46.35	1.98	54.0	-7.65	AV	358.00	150	Vertical	Pass
2	2484.500	58.71	1.97	74.0	-15.29	Peak	254.00	150	Vertical	Pass
2**	2484.500	46.65	1.97	54.0	-7.35	AV	254.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.77	8
Middle	-17.91	8
High	-17.12	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.55	8
Middle	-24.50	8
High	-24.46	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.80	8
Middle	-24.64	8
High	-24.74	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-32.55	8
Middle	-32.48	8
High	-32.75	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.74	8
Middle	-18.18	8
High	-20.39	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.42	8
Middle	-21.67	8
High	-22.19	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.22	8
Middle	-24.05	8
High	-23.84	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-30.41	8
Middle	-29.87	8
High	-30.11	8

MIMO-Main Antenna

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.96	8
Middle	-24.19	8
High	-24.36	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.33	8
Middle	-25.54	8
High	-25.66	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-32.05	8
Middle	-32.04	8
High	-32.10	8

MIMO-Aux. Antenna

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.85	8
Middle	-24.96	8
High	-25.20	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-25.52	8
Middle	-24.38	8
High	-24.84	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-32.57	8
Middle	-32.32	8
High	-32.72	8

MIMO

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.37	8
Middle	-21.55	8
High	-21.75	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.41	8
Middle	-21.91	8
High	-22.22	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.29	8
Middle	-29.16	8
High	-29.39	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



802.11g LOW CHANNEL



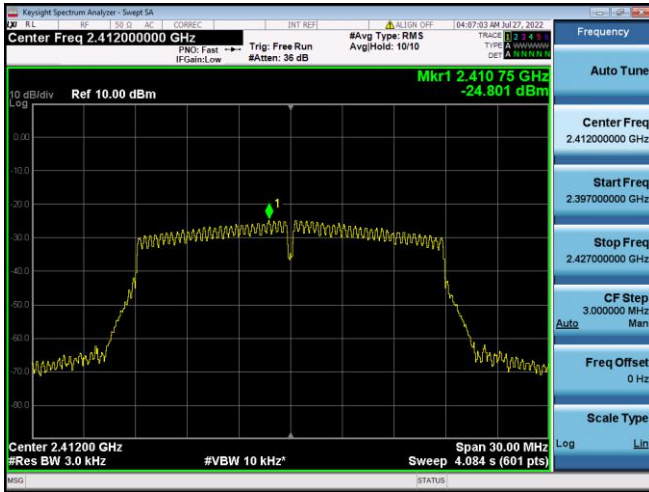
802.11g MIDDLE CHANNEL



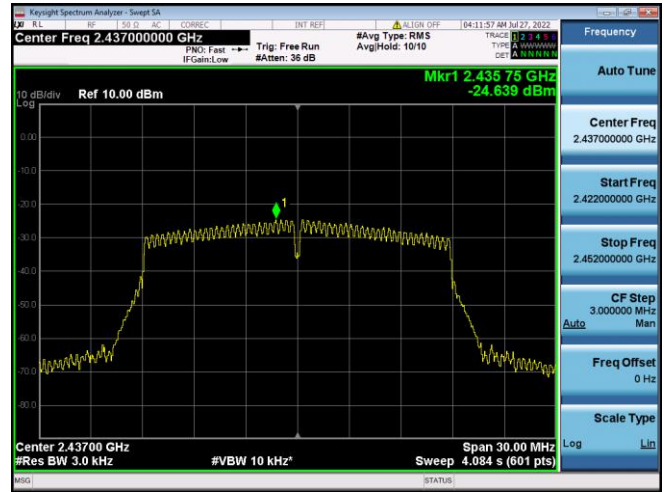
802.11g HIGH CHANNEL



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



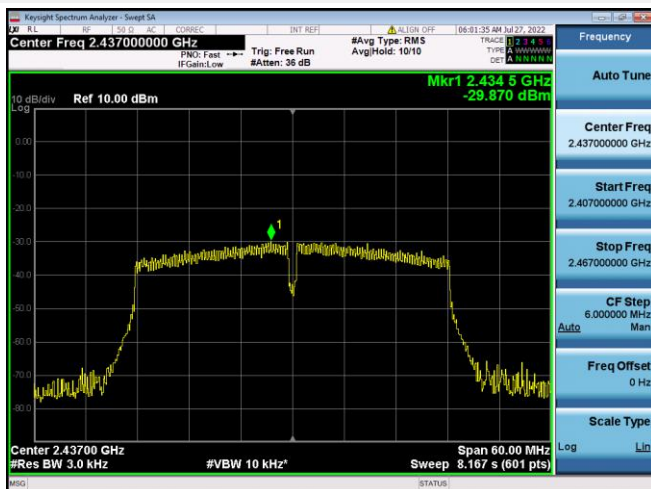
802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



MIMO-Main Antenna

802.11g 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-Aux. Antenna

802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



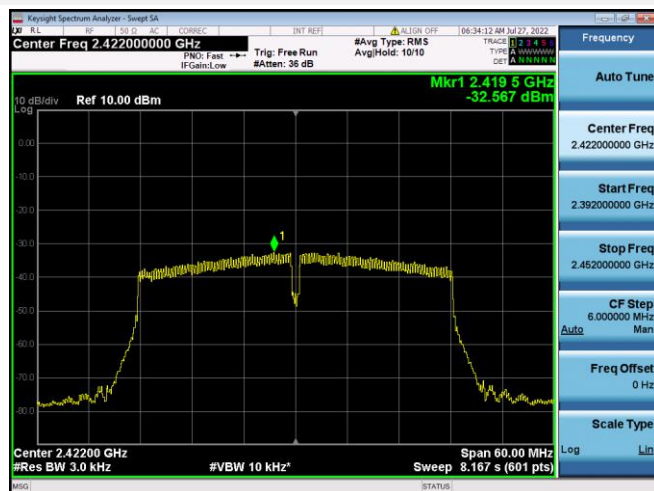
802.11n-20 MHz MIDDLE CHANNEL



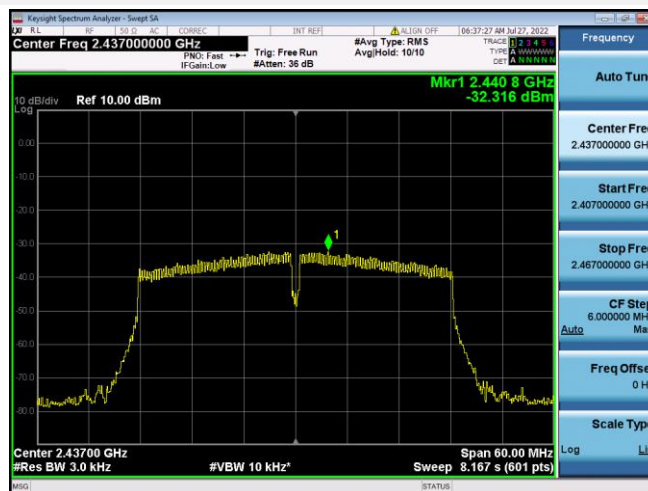
802.11n-20 MHz HIGH CHANNEL



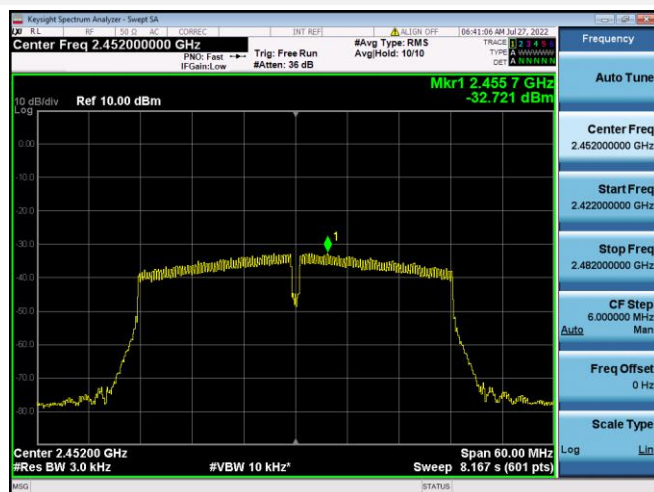
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2261190-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2261190-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ22601190-AI.PDF”.

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--END OF REPORT--