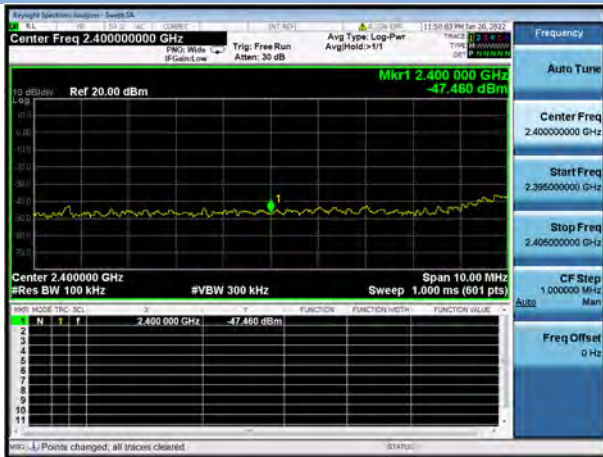
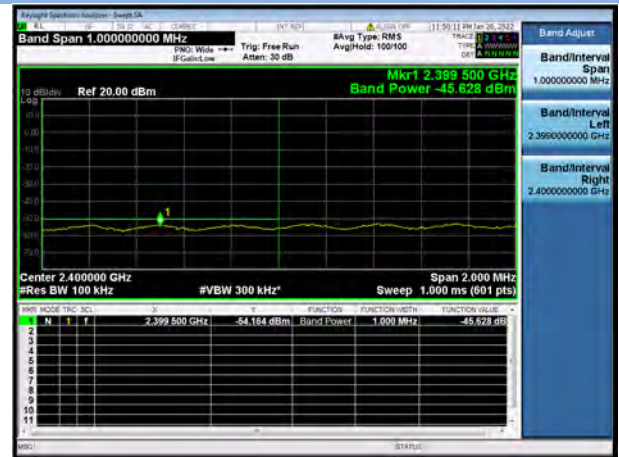


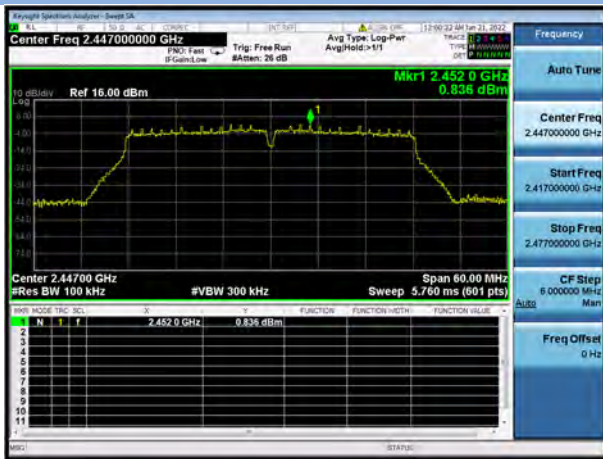
802.11n-40 MHz CHANNEL 4, Reference level



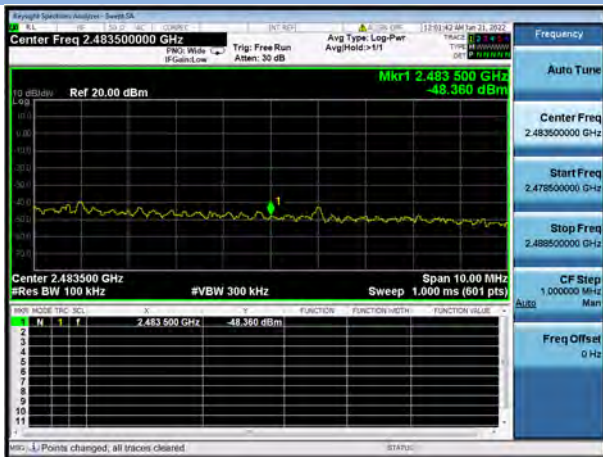
802.11n-40 MHz CHANNEL 4, Band Edge



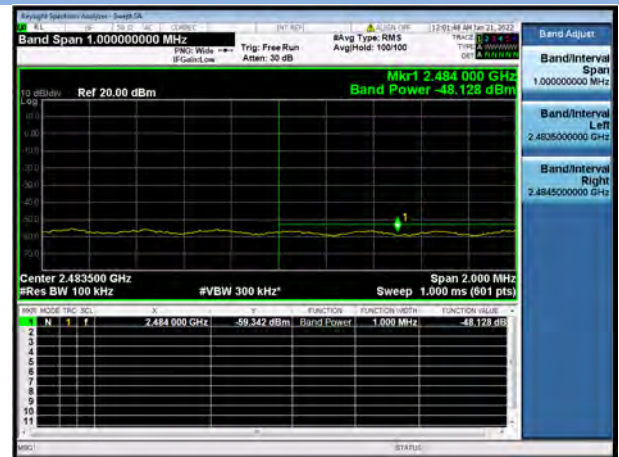
802.11n-40 MHz CHANNEL 8, Carrier level



802.11n-40 MHz CHANNEL 8, Reference level



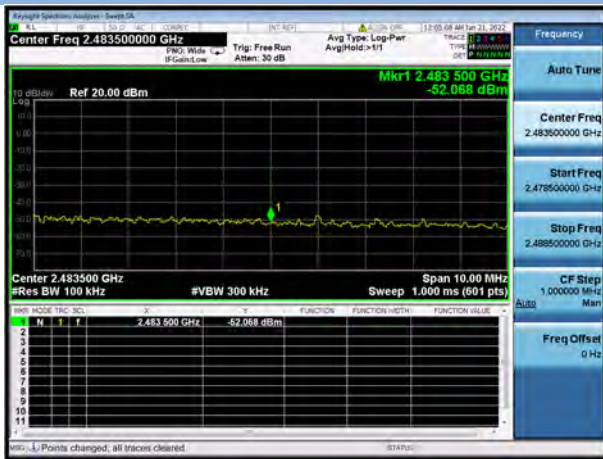
802.11n-40 MHz CHANNEL 8, Band Edge



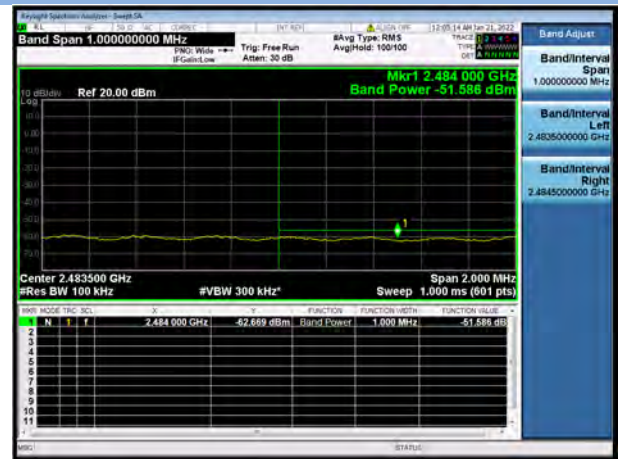
802.11n-40 MHz CHANNEL 9, Carrier level



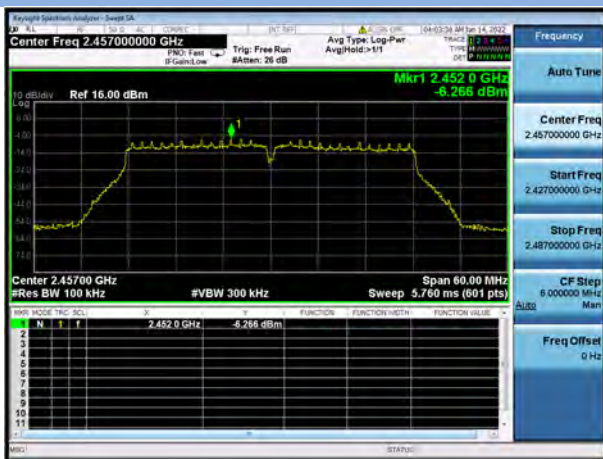
802.11n-40 MHz CHANNEL 9, Reference level



802.11n-40 MHz CHANNEL 9, Band Edge



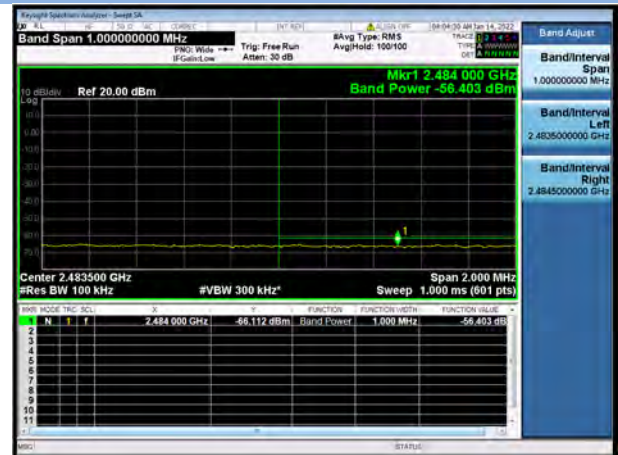
802.11n-40 MHz CHANNEL 10, Carrier level



802.11n-40 MHz CHANNEL 10, Reference level



802.11n-40 MHz CHANNEL 10, Band Edge



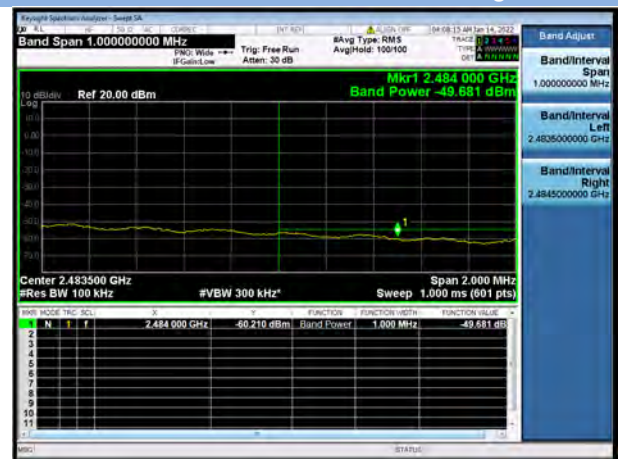
802.11n-40 MHz CHANNEL 11, Carrier level



802.11n-40 MHz CHANNEL 11, Reference level



802.11n-40 MHz CHANNEL 11, Band Edge



A.5 Conducted Emissions

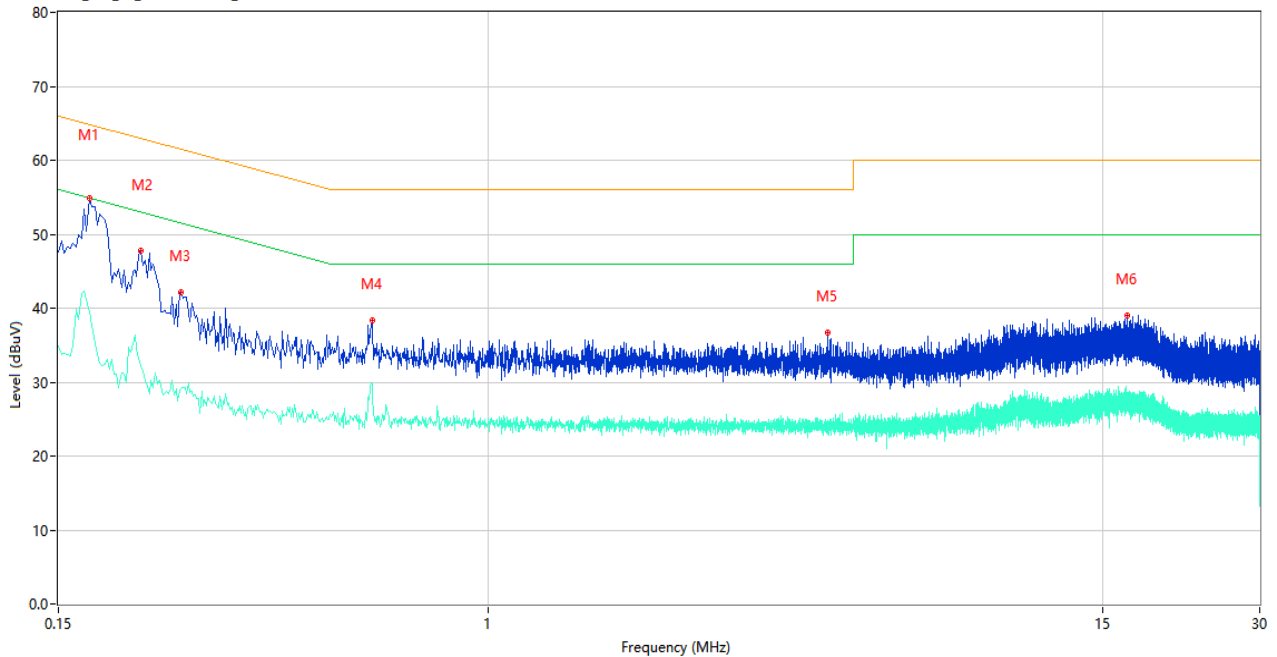
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: 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

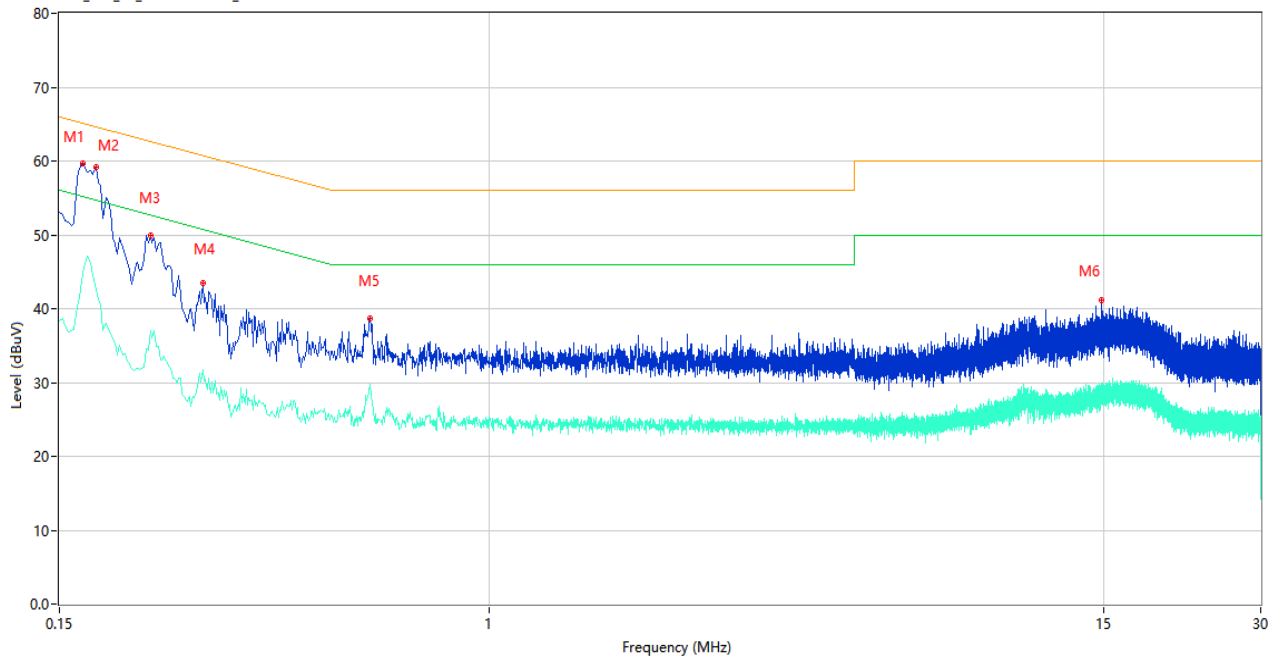
CE Test case_FCC_CE_FCC PART 15B_ Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	54.90	10.98	64.86	-9.96	Peak	L	Pass
1**	0.172	39.44	10.98	54.86	-15.42	AV	L	Pass
2	0.216	47.78	10.94	62.97	-15.19	Peak	L	Pass
2**	0.216	32.24	10.94	52.97	-20.73	AV	L	Pass
3	0.258	42.18	10.91	61.50	-19.32	Peak	L	Pass
3**	0.258	29.03	10.91	51.50	-22.47	AV	L	Pass
4	0.598	38.38	10.88	56.00	-17.62	Peak	L	Pass
4**	0.598	29.69	10.88	46.00	-16.31	AV	L	Pass
5	4.474	36.62	10.70	56.00	-19.38	Peak	L	Pass
5**	4.474	24.59	10.70	46.00	-21.41	AV	L	Pass
6	16.762	39.07	10.66	60.00	-20.93	Peak	L	Pass
6**	16.762	27.71	10.66	50.00	-22.29	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	0.166	59.60	10.98	65.16	-5.56	Peak	N	Pass
1**	0.166	44.86	10.98	55.16	-10.30	AV	N	Pass
2	0.176	59.09	10.98	64.67	-5.58	Peak	N	Pass
2**	0.176	42.66	10.98	54.67	-12.01	AV	N	Pass
3	0.224	49.90	10.94	62.67	-12.77	Peak	N	Pass
3**	0.224	37.03	10.94	52.67	-15.64	AV	N	Pass
4	0.282	43.51	10.89	60.76	-17.25	Peak	N	Pass
4**	0.282	31.80	10.89	50.76	-18.96	AV	N	Pass
5	0.590	38.76	10.88	56.00	-17.24	Peak	N	Pass
5**	0.590	29.70	10.88	46.00	-16.30	AV	N	Pass
6	14.832	41.10	10.61	60.00	-18.90	Peak	N	Pass
6**	14.832	28.14	10.61	50.00	-21.86	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

Note²: 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.

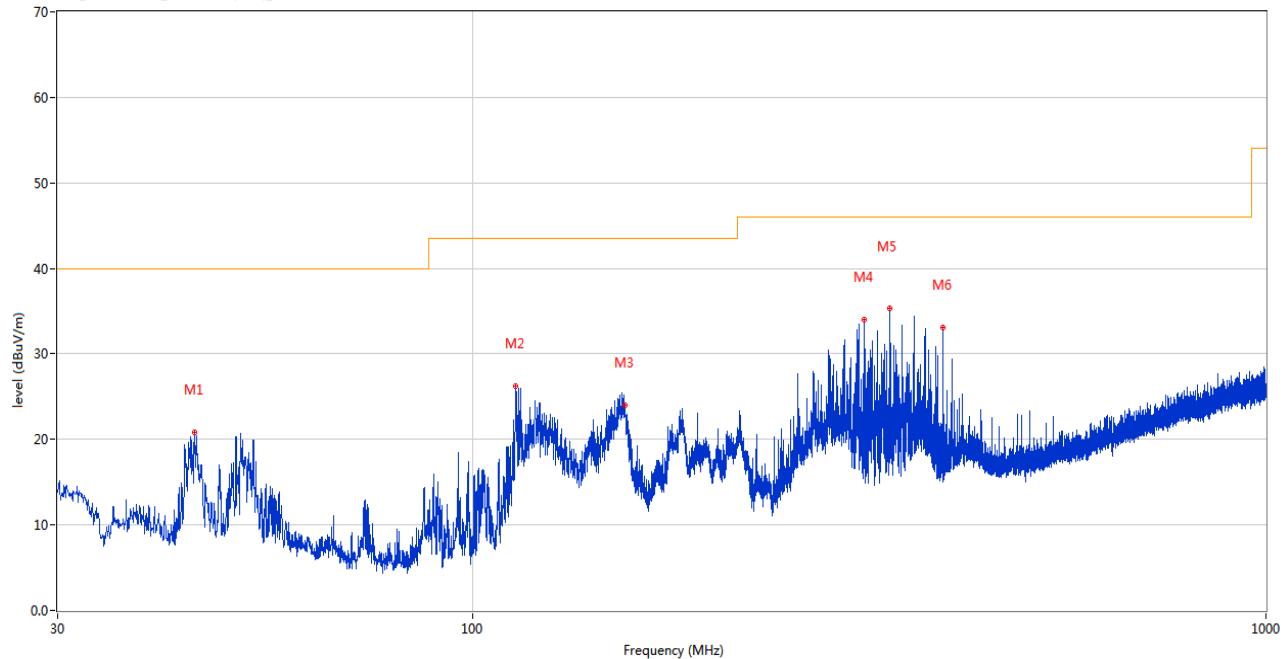
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: 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

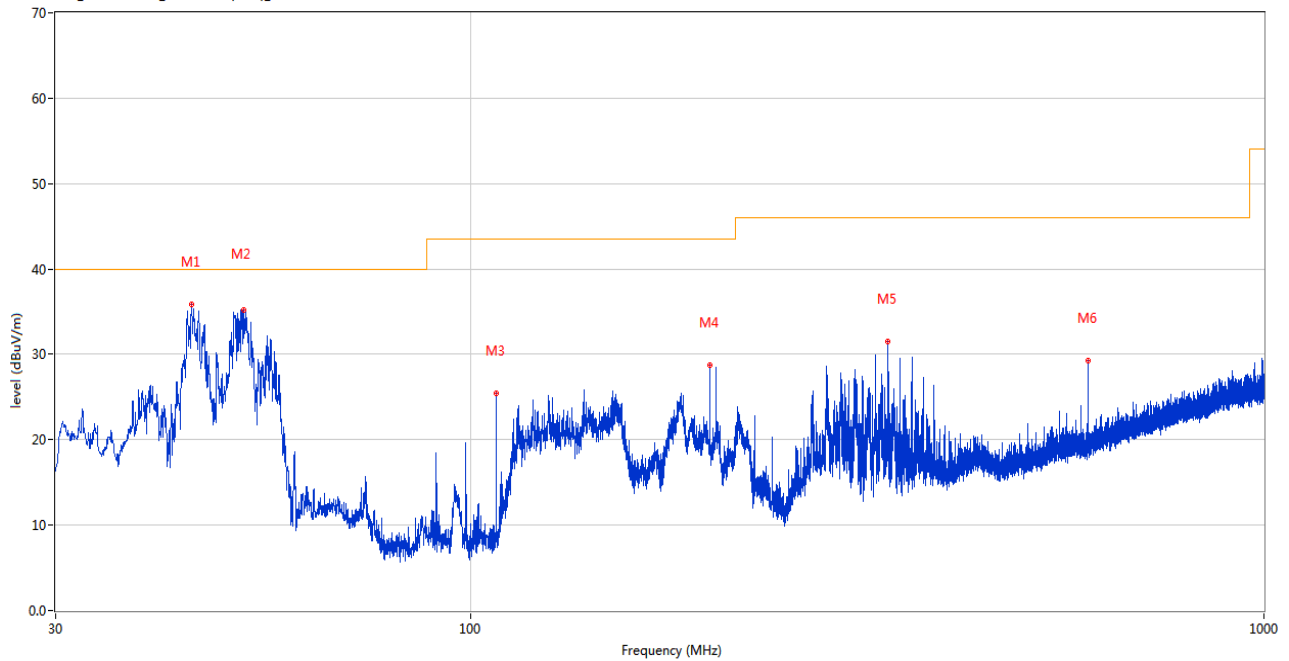
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.647	20.83	-26.51	40.0	-19.17	Peak	337.00	200	Horizontal	Pass
2	113.371	26.30	-27.90	43.5	-17.20	Peak	35.00	200	Horizontal	Pass
3	155.760	24.00	-24.95	43.5	-19.50	Peak	337.00	200	Horizontal	Pass
4	311.930	34.00	-23.93	46.0	-12.00	Peak	127.00	100	Horizontal	Pass
5	336.035	35.36	-22.79	46.0	-10.64	Peak	278.00	100	Horizontal	Pass
6	392.101	33.05	-21.64	46.0	-12.95	Peak	167.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.550	35.87	-26.52	40.0	-4.13	Peak	2.00	100	Vertical	Pass
2	51.825	35.15	-26.80	40.0	-4.85	Peak	75.00	100	Vertical	Pass
3	107.697	25.41	-28.60	43.5	-18.09	Peak	0.00	200	Vertical	Pass
4	200.186	28.80	-28.45	43.5	-14.70	Peak	0.00	200	Vertical	Pass
5	336.083	31.55	-22.80	46.0	-14.45	Peak	360.00	200	Vertical	Pass
6	599.972	29.26	-16.34	46.0	-16.74	Peak	360.00	100	Vertical	Pass

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

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

Note 3: All antenna were tested, but only the worst case has been reported in this report.

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.900	48.35	-18.12	74.0	-25.65	Peak	187.00	150	Horizontal	Pass
1**	1158.900	37.62	-18.12	54.0	-16.38	AV	187.00	150	Horizontal	Pass
2	2415.600	101.60	-12.25	74.0	27.60	Peak	298.00	150	Horizontal	N/A
2**	2415.600	98.66	-12.25	54.0	44.66	AV	298.00	150	Horizontal	N/A
3	4823.400	51.90	-3.39	74.0	-22.10	Peak	173.00	150	Horizontal	Pass
3**	4823.400	42.96	-3.39	54.0	-11.04	AV	173.00	150	Horizontal	Pass
4	6683.200	54.34	-0.40	74.0	-19.66	Peak	70.00	150	Horizontal	Pass
4**	6683.200	46.57	-0.40	54.0	-7.43	AV	70.00	150	Horizontal	Pass
5	8576.075	51.39	-2.09	74.0	-22.61	Peak	69.00	150	Horizontal	Pass
5**	8576.075	42.31	-2.09	54.0	-11.69	AV	69.00	150	Horizontal	Pass
6	13372.650	55.98	0.69	74.0	-18.02	Peak	158.00	150	Horizontal	Pass
6**	13372.650	46.15	0.69	54.0	-7.85	AV	158.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1721.500	49.00	-17.21	74.0	-25.00	Peak	151.00	150	Vertical	Pass
1**	1721.500	40.85	-17.21	54.0	-13.15	AV	151.00	150	Vertical	Pass
2	2410.800	103.17	-12.25	74.0	29.17	Peak	329.00	150	Vertical	N/A
2**	2410.800	100.30	-12.25	54.0	46.30	AV	329.00	150	Vertical	N/A
3	4824.000	53.19	-3.38	74.0	-20.81	Peak	3.00	150	Vertical	Pass
3**	4824.000	47.98	-3.38	54.0	-6.02	AV	3.00	150	Vertical	Pass
4	6502.000	53.88	-1.46	74.0	-20.12	Peak	3.00	150	Vertical	Pass
4**	6502.000	43.42	-1.46	54.0	-10.58	AV	3.00	150	Vertical	Pass
5	8594.763	50.66	-2.20	74.0	-23.34	Peak	185.00	150	Vertical	Pass
5**	8594.763	41.96	-2.20	54.0	-12.04	AV	185.00	150	Vertical	Pass
6	13425.150	56.61	0.40	74.0	-17.39	Peak	342.00	150	Vertical	Pass
6**	13425.150	46.47	0.40	54.0	-7.53	AV	342.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.300	47.29	-18.05	74.0	-26.71	Peak	192.00	150	Horizontal	Pass
1**	1160.300	38.34	-18.05	54.0	-15.66	AV	192.00	150	Horizontal	Pass
2	2435.300	106.69	-12.83	74.0	32.69	Peak	308.00	150	Horizontal	N/A
2**	2435.300	103.90	-12.83	54.0	49.90	AV	308.00	150	Horizontal	N/A
3	3106.200	51.22	-8.25	74.0	-22.78	Peak	37.00	150	Horizontal	Pass
3**	3106.200	42.08	-8.25	54.0	-11.92	AV	37.00	150	Horizontal	Pass
4	6683.800	54.11	-0.34	74.0	-19.89	Peak	336.00	150	Horizontal	Pass
4**	6683.800	46.00	-0.34	54.0	-8.00	AV	336.00	150	Horizontal	Pass
5	9174.075	51.15	-1.49	74.0	-22.85	Peak	13.00	150	Horizontal	Pass
5**	9174.075	41.70	-1.49	54.0	-12.30	AV	13.00	150	Horizontal	Pass
6	13305.187	55.57	0.87	74.0	-18.43	Peak	69.00	150	Horizontal	Pass
6**	13305.187	47.57	0.87	54.0	-6.43	AV	69.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1060.900	47.10	-18.40	74.0	-26.90	Peak	212.00	150	Vertical	Pass
1**	1060.900	37.65	-18.40	54.0	-16.35	AV	212.00	150	Vertical	Pass
2	2435.900	105.11	-12.77	74.0	31.11	Peak	109.00	150	Vertical	N/A
2**	2435.900	102.26	-12.77	54.0	48.26	AV	109.00	150	Vertical	N/A
3	4874.400	51.69	-3.36	74.0	-22.31	Peak	0.00	150	Vertical	Pass
3**	4874.400	47.16	-3.36	54.0	-6.84	AV	0.00	150	Vertical	Pass
4	6683.000	53.56	-0.41	74.0	-20.44	Peak	27.00	150	Vertical	Pass
4**	6683.000	45.81	-0.41	54.0	-8.19	AV	27.00	150	Vertical	Pass
5	8636.450	50.57	-1.84	74.0	-23.43	Peak	143.00	150	Vertical	Pass
5**	8636.450	40.96	-1.84	54.0	-13.04	AV	143.00	150	Vertical	Pass
6	13354.537	55.47	0.96	74.0	-18.53	Peak	114.00	150	Vertical	Pass
6**	13354.537	46.85	0.96	54.0	-7.15	AV	114.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.200	46.83	-18.05	74.0	-27.17	Peak	199.00	150	Horizontal	Pass
1**	1154.200	37.62	-18.05	54.0	-16.38	AV	199.00	150	Horizontal	Pass
2	2463.200	106.17	-12.80	74.0	32.17	Peak	292.00	150	Horizontal	N/A
2**	2463.200	103.49	-12.80	54.0	49.49	AV	292.00	150	Horizontal	N/A
3	4924.000	51.91	-2.59	74.0	-22.09	Peak	336.00	150	Horizontal	Pass
3**	4924.000	46.34	-2.59	54.0	-7.66	AV	336.00	150	Horizontal	Pass
4	5948.400	54.59	-1.37	74.0	-19.41	Peak	45.00	150	Horizontal	Pass
4**	5948.400	43.94	-1.37	54.0	-10.06	AV	45.00	150	Horizontal	Pass
5	8615.750	51.15	-2.10	74.0	-22.85	Peak	295.00	150	Horizontal	Pass
5**	8615.750	41.34	-2.10	54.0	-12.66	AV	295.00	150	Horizontal	Pass
6	13346.662	55.95	1.03	74.0	-18.05	Peak	0.00	150	Horizontal	Pass
6**	13346.662	46.68	1.03	54.0	-7.32	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1714.400	48.57	-17.25	74.0	-25.43	Peak	155.00	150	Vertical	Pass
1**	1714.400	39.43	-17.25	54.0	-14.57	AV	155.00	150	Vertical	Pass
2	2463.400	105.17	-12.79	74.0	31.17	Peak	265.00	150	Vertical	N/A
2**	2463.400	102.27	-12.79	54.0	48.27	AV	265.00	150	Vertical	N/A
3	3099.000	52.49	-8.35	74.0	-21.51	Peak	24.00	150	Vertical	Pass
3**	3099.000	41.77	-8.35	54.0	-12.23	AV	24.00	150	Vertical	Pass
4	6600.400	53.27	-0.42	74.0	-20.73	Peak	296.00	150	Vertical	Pass
4**	6600.400	45.16	-0.42	54.0	-8.84	AV	296.00	150	Vertical	Pass
5	8554.513	51.19	-2.09	74.0	-22.81	Peak	276.00	150	Vertical	Pass
5**	8554.513	41.51	-2.09	54.0	-12.49	AV	276.00	150	Vertical	Pass
6	13295.213	56.04	0.84	74.0	-17.96	Peak	158.00	150	Vertical	Pass
6**	13295.213	47.68	0.84	54.0	-6.32	AV	158.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.300	48.00	-17.96	74.0	-26.00	Peak	196.00	150	Horizontal	Pass
1**	1152.300	37.09	-17.96	54.0	-16.91	AV	196.00	150	Horizontal	Pass
2	2465.400	105.70	-12.72	74.0	31.70	Peak	229.00	150	Horizontal	N/A
2**	2465.400	102.78	-12.72	54.0	48.78	AV	229.00	150	Horizontal	N/A
3	4996.600	52.35	-2.91	74.0	-21.65	Peak	103.00	150	Horizontal	Pass
3**	4996.600	42.25	-2.91	54.0	-11.75	AV	103.00	150	Horizontal	Pass
4	6603.200	53.61	-0.08	74.0	-20.39	Peak	286.00	150	Horizontal	Pass
4**	6603.200	44.94	-0.08	54.0	-9.06	AV	286.00	150	Horizontal	Pass
5	8570.612	51.02	-2.06	74.0	-22.98	Peak	261.00	150	Horizontal	Pass
5**	8570.612	42.80	-2.06	54.0	-11.20	AV	261.00	150	Horizontal	Pass
6	13302.038	55.81	0.87	74.0	-18.19	Peak	2.00	150	Horizontal	Pass
6**	13302.038	46.59	0.87	54.0	-7.41	AV	2.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1718.000	49.11	-17.25	74.0	-24.89	Peak	222.00	150	Vertical	Pass
1**	1718.000	38.90	-17.25	54.0	-15.10	AV	222.00	150	Vertical	Pass
2	2468.200	105.85	-12.61	74.0	31.85	Peak	12.00	150	Vertical	N/A
2**	2468.200	103.23	-12.61	54.0	49.23	AV	12.00	150	Vertical	N/A
3	4982.400	52.35	-2.94	74.0	-21.65	Peak	229.00	150	Vertical	Pass
3**	4982.400	43.70	-2.94	54.0	-10.30	AV	229.00	150	Vertical	Pass
4	6693.000	53.78	-0.32	74.0	-20.22	Peak	19.00	150	Vertical	Pass
4**	6693.000	45.46	-0.32	54.0	-8.54	AV	19.00	150	Vertical	Pass
5	8589.300	51.65	-2.11	74.0	-22.35	Peak	103.00	150	Vertical	Pass
5**	8589.300	42.45	-2.11	54.0	-11.55	AV	103.00	150	Vertical	Pass
6	13296.525	55.39	0.84	74.0	-18.61	Peak	280.00	150	Vertical	Pass
6**	13296.525	46.82	0.84	54.0	-7.18	AV	280.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.400	46.96	-18.04	74.0	-27.04	Peak	189.00	150	Horizontal	Pass
1**	1160.400	39.58	-18.04	54.0	-14.42	AV	189.00	150	Horizontal	Pass
2	2470.700	106.83	-12.57	74.0	32.83	Peak	303.00	150	Horizontal	N/A
2**	2470.700	104.01	-12.57	54.0	50.01	AV	303.00	150	Horizontal	N/A
3	4978.000	52.61	-3.03	74.0	-21.39	Peak	53.00	150	Horizontal	Pass
3**	4978.000	42.77	-3.03	54.0	-11.23	AV	53.00	150	Horizontal	Pass
4	6685.200	54.24	-0.19	74.0	-19.76	Peak	238.00	150	Horizontal	Pass
4**	6685.200	45.10	-0.19	54.0	-8.90	AV	238.00	150	Horizontal	Pass
5	8017.750	51.44	-3.26	74.0	-22.56	Peak	158.00	150	Horizontal	Pass
5**	8017.750	42.24	-3.26	54.0	-11.76	AV	158.00	150	Horizontal	Pass
6	13294.950	56.27	0.83	74.0	-17.73	Peak	343.00	150	Horizontal	Pass
6**	13294.950	47.03	0.83	54.0	-6.97	AV	343.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1700.100	48.80	-17.33	74.0	-25.20	Peak	155.00	150	Vertical	Pass
1**	1700.100	40.11	-17.33	54.0	-13.89	AV	155.00	150	Vertical	Pass
2	2470.700	105.76	-12.57	74.0	31.76	Peak	76.00	150	Vertical	N/A
2**	2470.700	102.96	-12.57	54.0	48.96	AV	76.00	150	Vertical	N/A
3	4979.400	53.23	-3.02	74.0	-20.77	Peak	4.00	150	Vertical	Pass
3**	4979.400	43.69	-3.02	54.0	-10.31	AV	4.00	150	Vertical	Pass
4	6675.200	54.59	-0.64	74.0	-19.41	Peak	239.00	150	Vertical	Pass
4**	6675.200	45.34	-0.64	54.0	-8.66	AV	239.00	150	Vertical	Pass
5	8572.050	51.10	-2.07	74.0	-22.90	Peak	281.00	150	Vertical	Pass
5**	8572.050	42.52	-2.07	54.0	-11.48	AV	281.00	150	Vertical	Pass
6	13413.862	56.51	0.43	74.0	-17.49	Peak	62.00	150	Vertical	Pass
6**	13413.862	46.40	0.43	54.0	-7.60	AV	62.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.000	48.93	-18.04	74.0	-25.07	Peak	187.00	150	Horizontal	Pass
1**	1154.000	38.29	-18.04	54.0	-15.71	AV	187.00	150	Horizontal	Pass
2	2408.900	108.17	-12.27	74.0	34.17	Peak	283.00	150	Horizontal	N/A
2**	2408.900	101.14	-12.27	54.0	47.14	AV	283.00	150	Horizontal	N/A
3	4978.600	52.60	-3.02	74.0	-21.40	Peak	63.00	150	Horizontal	Pass
3**	4978.600	45.58	-3.02	54.0	-8.42	AV	63.00	150	Horizontal	Pass
4	6682.400	54.19	-0.45	74.0	-19.81	Peak	48.00	150	Horizontal	Pass
4**	6682.400	46.17	-0.45	54.0	-7.83	AV	48.00	150	Horizontal	Pass
5	8549.338	50.62	-2.10	74.0	-23.38	Peak	311.00	150	Horizontal	Pass
5**	8549.338	41.80	-2.10	54.0	-12.20	AV	311.00	150	Horizontal	Pass
6	13307.025	56.19	0.87	74.0	-17.81	Peak	244.00	150	Horizontal	Pass
6**	13307.025	46.98	0.87	54.0	-7.02	AV	244.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1728.000	48.59	-17.16	74.0	-25.41	Peak	204.00	150	Vertical	Pass
1**	1728.000	40.19	-17.16	54.0	-13.81	AV	204.00	150	Vertical	Pass
2	2409.700	106.42	-12.25	74.0	32.42	Peak	253.00	150	Vertical	N/A
2**	2409.700	98.99	-12.25	54.0	44.99	AV	253.00	150	Vertical	N/A
3	4820.800	52.88	-3.40	74.0	-21.12	Peak	323.00	150	Vertical	Pass
3**	4820.800	44.49	-3.40	54.0	-9.51	AV	323.00	150	Vertical	Pass
4	6998.800	54.22	0.24	74.0	-19.78	Peak	246.00	150	Vertical	Pass
4**	6998.800	44.56	0.24	54.0	-9.44	AV	246.00	150	Vertical	Pass
5	8636.738	51.23	-1.84	74.0	-22.77	Peak	328.00	150	Vertical	Pass
5**	8636.738	41.82	-1.84	54.0	-12.18	AV	328.00	150	Vertical	Pass
6	13339.837	56.39	1.06	74.0	-17.61	Peak	181.00	150	Vertical	Pass
6**	13339.837	46.74	1.06	54.0	-7.26	AV	181.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.400	47.68	-18.12	74.0	-26.32	Peak	199.00	150	Horizontal	Pass
1**	1168.400	38.20	-18.12	54.0	-15.80	AV	199.00	150	Horizontal	Pass
2	2434.000	107.89	-12.87	74.0	33.89	Peak	289.00	150	Horizontal	N/A
2**	2434.000	101.65	-12.87	54.0	47.65	AV	289.00	150	Horizontal	N/A
3	4999.600	52.46	-2.95	74.0	-21.54	Peak	53.00	150	Horizontal	Pass
3**	4999.600	42.99	-2.95	54.0	-11.01	AV	53.00	150	Horizontal	Pass
4	6606.600	54.53	0.16	74.0	-19.47	Peak	178.00	150	Horizontal	Pass
4**	6606.600	44.50	0.16	54.0	-9.50	AV	178.00	150	Horizontal	Pass
5	8548.474	51.16	-2.11	74.0	-22.84	Peak	300.00	150	Horizontal	Pass
5**	8548.474	41.40	-2.11	54.0	-12.60	AV	300.00	150	Horizontal	Pass
6	13423.050	56.03	0.40	74.0	-17.97	Peak	43.00	150	Horizontal	Pass
6**	13423.050	46.42	0.40	54.0	-7.58	AV	43.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1720.800	48.72	-17.21	74.0	-25.28	Peak	225.00	150	Vertical	Pass
1**	1720.800	38.34	-17.21	54.0	-15.66	AV	225.00	150	Vertical	Pass
2	2434.200	107.18	-12.86	74.0	33.18	Peak	102.00	150	Vertical	N/A
2**	2434.200	99.79	-12.86	54.0	45.79	AV	102.00	150	Vertical	N/A
3	4980.800	53.35	-3.01	74.0	-20.65	Peak	252.00	150	Vertical	Pass
3**	4980.800	43.54	-3.01	54.0	-10.46	AV	252.00	150	Vertical	Pass
4	6684.600	54.55	-0.26	74.0	-19.45	Peak	115.00	150	Vertical	Pass
4**	6684.600	45.17	-0.26	54.0	-8.83	AV	115.00	150	Vertical	Pass
5	8695.388	50.68	-1.99	74.0	-23.32	Peak	159.00	150	Vertical	Pass
5**	8695.388	41.17	-1.99	54.0	-12.83	AV	159.00	150	Vertical	Pass
6	13324.875	55.83	0.92	74.0	-18.17	Peak	39.00	150	Vertical	Pass
6**	13324.875	46.02	0.92	54.0	-7.98	AV	39.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.200	47.70	-18.22	74.0	-26.30	Peak	194.00	150	Horizontal	Pass
1**	1145.200	37.97	-18.22	54.0	-16.03	AV	194.00	150	Horizontal	Pass
2	2466.800	108.76	-12.66	74.0	34.76	Peak	305.00	150	Horizontal	N/A
2**	2466.800	103.04	-12.66	54.0	49.04	AV	305.00	150	Horizontal	N/A
3	4983.200	52.13	-2.90	74.0	-21.87	Peak	107.00	150	Horizontal	Pass
3**	4983.200	42.14	-2.90	54.0	-11.86	AV	107.00	150	Horizontal	Pass
4	6681.200	55.09	-0.51	74.0	-18.91	Peak	315.00	150	Horizontal	Pass
4**	6681.200	44.56	-0.51	54.0	-9.44	AV	315.00	150	Horizontal	Pass
5	8602.526	50.78	-2.19	74.0	-23.22	Peak	297.00	150	Horizontal	Pass
5**	8602.526	41.43	-2.19	54.0	-12.57	AV	297.00	150	Horizontal	Pass
6	13308.599	55.56	0.86	74.0	-18.44	Peak	360.00	150	Horizontal	Pass
6**	13308.599	47.10	0.86	54.0	-6.90	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1715.600	48.83	-17.21	74.0	-25.17	Peak	150.00	150	Vertical	Pass
1**	1715.600	40.06	-17.21	54.0	-13.94	AV	150.00	150	Vertical	Pass
2	2464.700	107.51	-12.75	74.0	33.51	Peak	20.00	150	Vertical	N/A
2**	2464.700	100.77	-12.75	54.0	46.77	AV	20.00	150	Vertical	N/A
3	4917.200	52.48	-2.24	74.0	-21.52	Peak	314.00	150	Vertical	Pass
3**	4917.200	43.11	-2.24	54.0	-10.89	AV	314.00	150	Vertical	Pass
4	6691.200	54.15	-0.29	74.0	-19.85	Peak	2.00	150	Vertical	Pass
4**	6691.200	45.81	-0.29	54.0	-8.19	AV	2.00	150	Vertical	Pass
5	8565.150	50.70	-2.09	74.0	-23.30	Peak	360.00	150	Vertical	Pass
5**	8565.150	41.96	-2.09	54.0	-12.04	AV	360.00	150	Vertical	Pass
6	13310.963	55.63	0.86	74.0	-18.37	Peak	121.00	150	Vertical	Pass
6**	13310.963	47.39	0.86	54.0	-6.61	AV	121.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	47.89	-17.46	74.0	-26.11	Peak	205.00	150	Horizontal	Pass
1**	1441.000	37.17	-17.46	54.0	-16.83	AV	205.00	150	Horizontal	Pass
2	2467.800	107.68	-12.62	74.0	33.68	Peak	301.00	150	Horizontal	N/A
2**	2467.800	101.20	-12.62	54.0	47.20	AV	301.00	150	Horizontal	N/A
3	4979.600	52.25	-3.02	74.0	-21.75	Peak	52.00	150	Horizontal	Pass
3**	4979.600	45.76	-3.02	54.0	-8.24	AV	52.00	150	Horizontal	Pass
4	6606.400	54.40	0.14	74.0	-19.60	Peak	0.00	150	Horizontal	Pass
4**	6606.400	44.47	0.14	54.0	-9.53	AV	0.00	150	Horizontal	Pass
5	9822.099	52.04	-0.04	74.0	-21.96	Peak	155.00	150	Horizontal	Pass
5**	9822.099	43.08	-0.04	54.0	-10.92	AV	155.00	150	Horizontal	Pass
6	13318.050	56.75	0.90	74.0	-17.25	Peak	202.00	150	Horizontal	Pass
6**	13318.050	47.95	0.90	54.0	-6.05	AV	202.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1919.300	51.37	-15.98	74.0	-22.63	Peak	0.00	150	Vertical	Pass
1**	1919.300	37.87	-15.98	54.0	-16.13	AV	0.00	150	Vertical	Pass
2	2465.300	106.79	-12.73	74.0	32.79	Peak	0.00	150	Vertical	N/A
2**	2465.300	99.84	-12.73	54.0	45.84	AV	0.00	150	Vertical	N/A
3	4980.200	52.33	-3.01	74.0	-21.67	Peak	248.00	150	Vertical	Pass
3**	4980.200	42.65	-3.01	54.0	-11.35	AV	248.00	150	Vertical	Pass
4	6613.800	53.67	0.18	74.0	-20.33	Peak	248.00	150	Vertical	Pass
4**	6613.800	44.67	0.18	54.0	-9.33	AV	248.00	150	Vertical	Pass
5	8981.162	52.16	-1.07	74.0	-21.84	Peak	31.00	150	Vertical	Pass
5**	8981.162	41.52	-1.07	54.0	-12.48	AV	31.00	150	Vertical	Pass
6	13272.901	56.07	0.69	74.0	-17.93	Peak	42.00	150	Vertical	Pass
6**	13272.901	46.48	0.69	54.0	-7.52	AV	42.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.900	47.91	-18.23	74.0	-26.09	Peak	185.00	150	Horizontal	Pass
1**	1144.900	37.50	-18.23	54.0	-16.50	AV	185.00	150	Horizontal	Pass
2	2471.000	99.86	-12.57	74.0	25.86	Peak	292.00	150	Horizontal	N/A
2**	2471.000	93.54	-12.57	54.0	39.54	AV	292.00	150	Horizontal	N/A
3	3098.600	51.75	-8.34	74.0	-22.25	Peak	45.00	150	Horizontal	Pass
3**	3098.600	42.01	-8.34	54.0	-11.99	AV	45.00	150	Horizontal	Pass
4	6679.800	53.94	-0.53	74.0	-20.06	Peak	155.00	150	Horizontal	Pass
4**	6679.800	44.92	-0.53	54.0	-9.08	AV	155.00	150	Horizontal	Pass
5	8507.937	51.13	-1.42	74.0	-22.87	Peak	86.00	150	Horizontal	Pass
5**	8507.937	41.91	-1.42	54.0	-12.09	AV	86.00	150	Horizontal	Pass
6	13310.175	56.06	0.86	74.0	-17.94	Peak	198.00	150	Horizontal	Pass
6**	13310.175	47.44	0.86	54.0	-6.56	AV	198.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1722.700	48.75	-17.24	74.0	-25.25	Peak	150.00	150	Vertical	Pass
1**	1722.700	38.93	-17.24	54.0	-15.07	AV	150.00	150	Vertical	Pass
2	2470.400	97.11	-12.57	74.0	23.11	Peak	0.00	150	Vertical	N/A
2**	2470.400	89.97	-12.57	54.0	35.97	AV	0.00	150	Vertical	N/A
3	4988.800	52.53	-2.89	74.0	-21.47	Peak	248.00	150	Vertical	Pass
3**	4988.800	41.99	-2.89	54.0	-12.01	AV	248.00	150	Vertical	Pass
4	6987.600	54.24	0.39	74.0	-19.76	Peak	134.00	150	Vertical	Pass
4**	6987.600	44.55	0.39	54.0	-9.45	AV	134.00	150	Vertical	Pass
5	8502.188	50.75	-1.31	74.0	-23.25	Peak	194.00	150	Vertical	Pass
5**	8502.188	41.32	-1.31	54.0	-12.68	AV	194.00	150	Vertical	Pass
6	13426.463	55.36	0.40	74.0	-18.64	Peak	218.00	150	Vertical	Pass
6**	13426.463	47.03	0.40	54.0	-6.97	AV	218.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.900	47.44	-18.03	74.0	-26.56	Peak	197.00	150	Horizontal	Pass
1**	1160.900	37.40	-18.03	54.0	-16.60	AV	197.00	150	Horizontal	Pass
2	2415.700	106.76	-12.25	74.0	32.76	Peak	300.00	150	Horizontal	N/A
2**	2415.700	98.57	-12.25	54.0	44.57	AV	300.00	150	Horizontal	N/A
3	3127.600	51.23	-8.52	74.0	-22.77	Peak	41.00	150	Horizontal	Pass
3**	3127.600	42.06	-8.52	54.0	-11.94	AV	41.00	150	Horizontal	Pass
4	6676.200	55.51	-0.61	74.0	-18.49	Peak	16.00	150	Horizontal	Pass
4**	6676.200	45.34	-0.61	54.0	-8.66	AV	16.00	150	Horizontal	Pass
5	8514.550	50.66	-1.43	74.0	-23.34	Peak	360.00	150	Horizontal	Pass
5**	8514.550	41.67	-1.43	54.0	-12.33	AV	360.00	150	Horizontal	Pass
6	13299.151	56.67	0.86	74.0	-17.33	Peak	75.00	150	Horizontal	Pass
6**	13299.151	47.32	0.86	54.0	-6.68	AV	75.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1672.200	48.73	-17.54	74.0	-25.27	Peak	150.00	150	Vertical	Pass
1**	1672.200	37.65	-17.54	54.0	-16.35	AV	150.00	150	Vertical	Pass
2	2410.600	106.35	-12.25	74.0	32.35	Peak	333.00	150	Vertical	N/A
2**	2410.600	99.04	-12.25	54.0	45.04	AV	333.00	150	Vertical	N/A
3	3108.200	52.20	-8.20	74.0	-21.80	Peak	18.00	150	Vertical	Pass
3**	3108.200	43.14	-8.20	54.0	-10.86	AV	18.00	150	Vertical	Pass
4	4830.400	53.02	-3.51	74.0	-20.98	Peak	327.00	150	Vertical	Pass
4**	4830.400	44.81	-3.51	54.0	-9.19	AV	327.00	150	Vertical	Pass
5	8597.349	50.51	-2.21	74.0	-23.49	Peak	268.00	150	Vertical	Pass
5**	8597.349	41.79	-2.21	54.0	-12.21	AV	268.00	150	Vertical	Pass
6	13749.862	56.50	1.38	74.0	-17.50	Peak	18.00	150	Vertical	Pass
6**	13749.862	45.79	1.38	54.0	-8.21	AV	18.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.400	47.74	-18.09	74.0	-26.26	Peak	187.00	150	Horizontal	Pass
1**	1159.400	40.08	-18.09	54.0	-13.92	AV	187.00	150	Horizontal	Pass
2	2436.500	108.08	-12.71	74.0	34.08	Peak	292.00	150	Horizontal	N/A
2**	2436.500	101.25	-12.71	54.0	47.25	AV	292.00	150	Horizontal	N/A
3	3067.800	51.69	-7.85	74.0	-22.31	Peak	38.00	150	Horizontal	Pass
3**	3067.800	44.66	-7.85	54.0	-9.34	AV	38.00	150	Horizontal	Pass
4	6679.600	54.49	-0.54	74.0	-19.51	Peak	163.00	150	Horizontal	Pass
4**	6679.600	45.55	-0.54	54.0	-8.45	AV	163.00	150	Horizontal	Pass
5	8584.125	50.92	-2.08	74.0	-23.08	Peak	51.00	150	Horizontal	Pass
5**	8584.125	42.03	-2.08	54.0	-11.97	AV	51.00	150	Horizontal	Pass
6	13357.162	55.83	0.90	74.0	-18.17	Peak	181.00	150	Horizontal	Pass
6**	13357.162	47.34	0.90	54.0	-6.66	AV	181.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.500	47.63	-17.97	74.0	-26.37	Peak	191.00	150	Vertical	Pass
1**	1152.500	38.12	-17.97	54.0	-15.88	AV	191.00	150	Vertical	Pass
2	2431.400	108.09	-12.79	74.0	34.09	Peak	304.00	150	Vertical	N/A
2**	2431.400	100.39	-12.79	54.0	46.39	AV	304.00	150	Vertical	N/A
3	3127.600	51.64	-8.52	74.0	-22.36	Peak	42.00	150	Vertical	Pass
3**	3127.600	42.81	-8.52	54.0	-11.19	AV	42.00	150	Vertical	Pass
4	6602.600	53.92	-0.12	74.0	-20.08	Peak	240.00	150	Vertical	Pass
4**	6602.600	45.19	-0.12	54.0	-8.81	AV	240.00	150	Vertical	Pass
5	8595.049	52.24	-2.20	74.0	-21.76	Peak	328.00	150	Vertical	Pass
5**	8595.049	42.25	-2.20	54.0	-11.75	AV	328.00	150	Vertical	Pass
6	13294.162	56.10	0.83	74.0	-17.90	Peak	180.00	150	Vertical	Pass
6**	13294.162	47.16	0.83	54.0	-6.84	AV	180.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1127.700	47.36	-18.46	74.0	-26.64	Peak	196.00	150	Horizontal	Pass
1**	1127.700	36.26	-18.46	54.0	-17.74	AV	196.00	150	Horizontal	Pass
2	2466.700	108.55	-12.67	74.0	34.55	Peak	301.00	150	Horizontal	N/A
2**	2466.700	100.48	-12.67	54.0	46.48	AV	301.00	150	Horizontal	N/A
3	4978.600	53.21	-3.02	74.0	-20.79	Peak	56.00	150	Horizontal	Pass
3**	4978.600	44.88	-3.02	54.0	-9.12	AV	56.00	150	Horizontal	Pass
4	6686.800	56.24	-0.22	74.0	-17.76	Peak	360.00	150	Horizontal	Pass
4**	6686.800	45.86	-0.22	54.0	-8.14	AV	360.00	150	Horizontal	Pass
5	8501.325	51.02	-1.29	74.0	-22.98	Peak	48.00	150	Horizontal	Pass
5**	8501.325	41.48	-1.29	54.0	-12.52	AV	48.00	150	Horizontal	Pass
6	13442.213	55.81	0.51	74.0	-18.19	Peak	0.00	150	Horizontal	Pass
6**	13442.213	46.94	0.51	54.0	-7.06	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1719.200	48.67	-17.23	74.0	-25.33	Peak	150.00	150	Vertical	Pass
1**	1719.200	39.52	-17.23	54.0	-14.48	AV	150.00	150	Vertical	Pass
2	2463.700	108.12	-12.78	74.0	34.12	Peak	12.00	150	Vertical	N/A
2**	2463.700	101.44	-12.78	54.0	47.44	AV	12.00	150	Vertical	N/A
3	3084.400	52.58	-8.48	74.0	-21.42	Peak	28.00	150	Vertical	Pass
3**	3084.400	43.13	-8.48	54.0	-10.87	AV	28.00	150	Vertical	Pass
4	6619.000	54.83	-0.13	74.0	-19.17	Peak	28.00	150	Vertical	Pass
4**	6619.000	46.73	-0.13	54.0	-7.27	AV	28.00	150	Vertical	Pass
5	8620.063	51.18	-2.04	74.0	-22.82	Peak	120.00	150	Vertical	Pass
5**	8620.063	41.60	-2.04	54.0	-12.40	AV	120.00	150	Vertical	Pass
6	13319.099	55.85	0.90	74.0	-18.15	Peak	142.00	150	Vertical	Pass
6**	13319.099	47.61	0.90	54.0	-6.39	AV	142.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.400	48.27	-18.21	74.0	-25.73	Peak	189.00	150	Horizontal	Pass
1**	1170.400	37.02	-18.21	54.0	-16.98	AV	189.00	150	Horizontal	Pass
2	2466.000	108.97	-12.70	74.0	34.97	Peak	303.00	150	Horizontal	N/A
2**	2466.000	101.38	-12.70	54.0	47.38	AV	303.00	150	Horizontal	N/A
3	3130.600	51.90	-8.66	74.0	-22.10	Peak	43.00	150	Horizontal	Pass
3**	3130.600	42.64	-8.66	54.0	-11.36	AV	43.00	150	Horizontal	Pass
4	6615.400	56.10	0.15	74.0	-17.90	Peak	0.00	150	Horizontal	Pass
4**	6615.400	45.74	0.15	54.0	-8.26	AV	0.00	150	Horizontal	Pass
5	8638.750	50.79	-1.83	74.0	-23.21	Peak	174.00	150	Horizontal	Pass
5**	8638.750	41.75	-1.83	54.0	-12.25	AV	174.00	150	Horizontal	Pass
6	13255.838	55.85	0.77	74.0	-18.15	Peak	221.00	150	Horizontal	Pass
6**	13255.838	45.67	0.77	54.0	-8.33	AV	221.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1720.000	49.07	-17.22	74.0	-24.93	Peak	151.00	150	Vertical	Pass
1**	1720.000	38.94	-17.22	54.0	-15.06	AV	151.00	150	Vertical	Pass
2	2469.100	106.31	-12.58	74.0	32.31	Peak	247.00	150	Vertical	N/A
2**	2469.100	99.01	-12.58	54.0	45.01	AV	247.00	150	Vertical	N/A
3	4808.800	53.06	-2.95	74.0	-20.94	Peak	360.00	150	Vertical	Pass
3**	4808.800	42.52	-2.95	54.0	-11.48	AV	360.00	150	Vertical	Pass
4	6984.600	55.54	0.58	74.0	-18.46	Peak	52.00	150	Vertical	Pass
4**	6984.600	46.08	0.58	54.0	-7.92	AV	52.00	150	Vertical	Pass
5	8605.400	50.74	-2.17	74.0	-23.26	Peak	104.00	150	Vertical	Pass
5**	8605.400	42.10	-2.17	54.0	-11.90	AV	104.00	150	Vertical	Pass
6	13308.338	55.85	0.86	74.0	-18.15	Peak	242.00	150	Vertical	Pass
6**	13308.338	47.24	0.86	54.0	-6.76	AV	242.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1155.200	47.70	-18.07	74.0	-26.30	Peak	197.00	150	Horizontal	Pass
1**	1155.200	38.77	-18.07	54.0	-15.23	AV	197.00	150	Horizontal	Pass
2	2470.600	101.56	-12.57	74.0	27.56	Peak	303.00	150	Horizontal	N/A
2**	2470.600	93.79	-12.57	54.0	39.79	AV	303.00	150	Horizontal	N/A
3	4978.800	54.03	-3.02	74.0	-19.97	Peak	42.00	150	Horizontal	Pass
3**	4978.800	44.49	-3.02	54.0	-9.51	AV	42.00	150	Horizontal	Pass
4	6593.200	55.15	-1.11	74.0	-18.85	Peak	276.00	150	Horizontal	Pass
4**	6593.200	45.22	-1.11	54.0	-8.78	AV	276.00	150	Horizontal	Pass
5	8544.450	50.88	-2.14	74.0	-23.12	Peak	227.00	150	Horizontal	Pass
5**	8544.450	41.04	-2.14	54.0	-12.96	AV	227.00	150	Horizontal	Pass
6	13402.050	55.97	0.54	74.0	-18.03	Peak	82.00	150	Horizontal	Pass
6**	13402.050	47.05	0.54	54.0	-6.95	AV	82.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.100	47.46	-18.51	74.0	-26.54	Peak	206.00	150	Vertical	Pass
1**	1052.100	37.58	-18.51	54.0	-16.42	AV	206.00	150	Vertical	Pass
2	2469.700	97.66	-12.56	74.0	23.66	Peak	94.00	150	Vertical	N/A
2**	2469.700	90.08	-12.56	54.0	36.08	AV	94.00	150	Vertical	N/A
3	4999.000	53.12	-2.93	74.0	-20.88	Peak	239.00	150	Vertical	Pass
3**	4999.000	43.85	-2.93	54.0	-10.15	AV	239.00	150	Vertical	Pass
4	6608.600	55.02	0.14	74.0	-18.98	Peak	0.00	150	Vertical	Pass
4**	6608.600	45.77	0.14	54.0	-8.23	AV	0.00	150	Vertical	Pass
5	8655.425	50.90	-1.99	74.0	-23.10	Peak	120.00	150	Vertical	Pass
5**	8655.425	41.04	-1.99	54.0	-12.96	AV	120.00	150	Vertical	Pass
6	13335.900	55.99	1.02	74.0	-18.01	Peak	159.00	150	Vertical	Pass
6**	13335.900	46.10	1.02	54.0	-7.90	AV	159.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.300	47.40	-18.22	74.0	-26.60	Peak	194.00	150	Horizontal	Pass
1**	1145.300	37.91	-18.22	54.0	-16.09	AV	194.00	150	Horizontal	Pass
2	2428.200	107.04	-12.80	74.0	33.04	Peak	297.00	150	Horizontal	N/A
2**	2428.200	99.55	-12.80	54.0	45.55	AV	297.00	150	Horizontal	N/A
3	4984.200	53.69	-2.90	74.0	-20.31	Peak	45.00	150	Horizontal	Pass
3**	4984.200	42.70	-2.90	54.0	-11.30	AV	45.00	150	Horizontal	Pass
4	6683.200	55.35	-0.40	74.0	-18.65	Peak	179.00	150	Horizontal	Pass
4**	6683.200	46.59	-0.40	54.0	-7.41	AV	179.00	150	Horizontal	Pass
5	8569.175	51.08	-2.07	74.0	-22.92	Peak	176.00	150	Horizontal	Pass
5**	8569.175	42.07	-2.07	54.0	-11.93	AV	176.00	150	Horizontal	Pass
6	13296.525	56.62	0.84	74.0	-17.38	Peak	343.00	150	Horizontal	Pass
6**	13296.525	46.82	0.84	54.0	-7.18	AV	343.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 3

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1718.600	48.54	-17.24	74.0	-25.46	Peak	148.00	150	Vertical	Pass
1**	1718.600	38.55	-17.24	54.0	-15.45	AV	148.00	150	Vertical	Pass
2	2427.500	105.25	-12.80	74.0	31.25	Peak	338.00	150	Vertical	N/A
2**	2427.500	97.33	-12.80	54.0	43.33	AV	338.00	150	Vertical	N/A
3	4997.000	53.79	-2.91	74.0	-20.21	Peak	0.00	150	Vertical	Pass
3**	4997.000	42.85	-2.91	54.0	-11.15	AV	0.00	150	Vertical	Pass
4	6608.200	55.12	0.14	74.0	-18.88	Peak	241.00	150	Vertical	Pass
4**	6608.200	45.94	0.14	54.0	-8.06	AV	241.00	150	Vertical	Pass
5	8557.963	51.16	-2.10	74.0	-22.84	Peak	316.00	150	Vertical	Pass
5**	8557.963	41.60	-2.10	54.0	-12.40	AV	316.00	150	Vertical	Pass
6	13329.075	56.20	0.93	74.0	-17.80	Peak	303.00	150	Vertical	Pass
6**	13329.075	46.81	0.93	54.0	-7.19	AV	303.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.100	47.90	-18.05	74.0	-26.10	Peak	186.00	150	Horizontal	Pass
1**	1154.100	37.54	-18.05	54.0	-16.46	AV	186.00	150	Horizontal	Pass
2	2425.500	107.48	-12.87	74.0	33.48	Peak	297.00	150	Horizontal	N/A
2**	2425.500	100.81	-12.87	54.0	46.81	AV	297.00	150	Horizontal	N/A
3	3131.200	51.83	-8.67	74.0	-22.17	Peak	43.00	150	Horizontal	Pass
3**	3131.200	42.44	-8.67	54.0	-11.56	AV	43.00	150	Horizontal	Pass
4	6687.000	55.28	-0.22	74.0	-18.72	Peak	68.00	150	Horizontal	Pass
4**	6687.000	46.11	-0.22	54.0	-7.89	AV	68.00	150	Horizontal	Pass
5	8616.901	50.76	-2.08	74.0	-23.24	Peak	84.00	150	Horizontal	Pass
5**	8616.901	41.19	-2.08	54.0	-12.81	AV	84.00	150	Horizontal	Pass
6	13311.487	55.62	0.86	74.0	-18.38	Peak	3.00	150	Horizontal	Pass
6**	13311.487	47.32	0.86	54.0	-6.68	AV	3.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 4

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1715.400	48.10	-17.20	74.0	-25.90	Peak	230.00	150	Vertical	Pass
1**	1715.400	38.92	-17.20	54.0	-15.08	AV	230.00	150	Vertical	Pass
2	2430.200	105.83	-12.79	74.0	31.83	Peak	255.00	150	Vertical	N/A
2**	2430.200	97.91	-12.79	54.0	43.91	AV	255.00	150	Vertical	N/A
3	3157.000	52.96	-8.07	74.0	-21.04	Peak	30.00	150	Vertical	Pass
3**	3157.000	43.61	-8.07	54.0	-10.39	AV	30.00	150	Vertical	Pass
4	6281.000	55.14	-0.23	74.0	-18.86	Peak	204.00	150	Vertical	Pass
4**	6281.000	45.15	-0.23	54.0	-8.85	AV	204.00	150	Vertical	Pass
5	8576.075	51.55	-2.09	74.0	-22.45	Peak	244.00	150	Vertical	Pass
5**	8576.075	41.77	-2.09	54.0	-12.23	AV	244.00	150	Vertical	Pass
6	13299.151	55.93	0.86	74.0	-18.07	Peak	0.00	150	Vertical	Pass
6**	13299.151	46.77	0.86	54.0	-7.23	AV	0.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.300	47.89	-18.02	74.0	-26.11	Peak	192.00	150	Horizontal	Pass
1**	1162.300	38.93	-18.02	54.0	-15.07	AV	192.00	150	Horizontal	Pass
2	2440.900	105.87	-12.80	74.0	31.87	Peak	295.00	150	Horizontal	N/A
2**	2440.900	98.24	-12.80	54.0	44.24	AV	295.00	150	Horizontal	N/A
3	3110.200	51.37	-8.29	74.0	-22.63	Peak	44.00	150	Horizontal	Pass
3**	3110.200	42.99	-8.29	54.0	-11.01	AV	44.00	150	Horizontal	Pass
4	6269.200	54.95	-0.36	74.0	-19.05	Peak	80.00	150	Horizontal	Pass
4**	6269.200	46.27	-0.36	54.0	-7.73	AV	80.00	150	Horizontal	Pass
5	9102.488	51.75	-1.20	74.0	-22.25	Peak	84.00	150	Horizontal	Pass
5**	9102.488	40.93	-1.20	54.0	-13.07	AV	84.00	150	Horizontal	Pass
6	13335.375	55.96	1.01	74.0	-18.04	Peak	323.00	150	Horizontal	Pass
6**	13335.375	46.31	1.01	54.0	-7.69	AV	323.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 6

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1716.300	47.99	-17.24	74.0	-26.01	Peak	149.00	150	Vertical	Pass
1**	1716.300	39.03	-17.24	54.0	-14.97	AV	149.00	150	Vertical	Pass
2	2433.900	105.47	-12.88	74.0	31.47	Peak	325.00	150	Vertical	N/A
2**	2433.900	98.02	-12.88	54.0	44.02	AV	325.00	150	Vertical	N/A
3	3112.800	52.31	-8.25	74.0	-21.69	Peak	19.00	150	Vertical	Pass
3**	3112.800	42.69	-8.25	54.0	-11.31	AV	19.00	150	Vertical	Pass
4	6690.600	55.18	-0.28	74.0	-18.82	Peak	216.00	150	Vertical	Pass
4**	6690.600	45.93	-0.28	54.0	-8.07	AV	216.00	150	Vertical	Pass
5	8574.925	50.69	-2.08	74.0	-23.31	Peak	226.00	150	Vertical	Pass
5**	8574.925	42.00	-2.08	54.0	-12.00	AV	226.00	150	Vertical	Pass
6	13419.112	55.67	0.40	74.0	-18.33	Peak	122.00	150	Vertical	Pass
6**	13419.112	46.96	0.40	54.0	-7.04	AV	122.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.800	47.73	-18.13	74.0	-26.27	Peak	194.00	150	Horizontal	Pass
1**	1157.800	39.17	-18.13	54.0	-14.83	AV	194.00	150	Horizontal	Pass
2	2443.900	105.76	-12.78	74.0	31.76	Peak	294.00	150	Horizontal	N/A
2**	2443.900	98.13	-12.78	54.0	44.13	AV	294.00	150	Horizontal	N/A
3	3120.400	52.70	-8.36	74.0	-21.30	Peak	47.00	150	Horizontal	Pass
3**	3120.400	43.18	-8.36	54.0	-10.82	AV	47.00	150	Horizontal	Pass
4	6686.000	55.28	-0.20	74.0	-18.72	Peak	262.00	150	Horizontal	Pass
4**	6686.000	45.99	-0.20	54.0	-8.01	AV	262.00	150	Horizontal	Pass
5	8561.987	51.63	-2.10	74.0	-22.37	Peak	316.00	150	Horizontal	Pass
5**	8561.987	42.43	-2.10	54.0	-11.57	AV	316.00	150	Horizontal	Pass
6	13341.150	56.71	1.06	74.0	-17.29	Peak	344.00	150	Horizontal	Pass
6**	13341.150	47.68	1.06	54.0	-6.32	AV	344.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 8

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2009.200	50.11	-15.23	74.0	-23.89	Peak	360.00	150	Vertical	Pass
1**	2009.200	39.78	-15.23	54.0	-14.22	AV	360.00	150	Vertical	Pass
2	2448.600	103.61	-12.66	74.0	29.61	Peak	263.00	150	Vertical	N/A
2**	2448.600	96.21	-12.66	54.0	42.21	AV	263.00	150	Vertical	N/A
3	3092.400	52.90	-8.37	74.0	-21.10	Peak	32.00	150	Vertical	Pass
3**	3092.400	43.92	-8.37	54.0	-10.08	AV	32.00	150	Vertical	Pass
4	6686.600	55.03	-0.21	74.0	-18.97	Peak	121.00	150	Vertical	Pass
4**	6686.600	45.89	-0.21	54.0	-8.11	AV	121.00	150	Vertical	Pass
5	9032.337	51.97	-0.85	74.0	-22.03	Peak	300.00	150	Vertical	Pass
5**	9032.337	41.36	-0.85	54.0	-12.64	AV	300.00	150	Vertical	Pass
6	13307.550	55.92	0.86	74.0	-18.08	Peak	0.00	150	Vertical	Pass
6**	13307.550	46.96	0.86	54.0	-7.04	AV	0.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.300	47.09	-18.10	74.0	-26.91	Peak	195.00	150	Horizontal	Pass
1**	1159.300	39.19	-18.10	54.0	-14.81	AV	195.00	150	Horizontal	Pass
2	2449.300	105.44	-12.60	74.0	31.44	Peak	299.00	150	Horizontal	N/A
2**	2449.300	97.15	-12.60	54.0	43.15	AV	299.00	150	Horizontal	N/A
3	3108.400	52.08	-8.20	74.0	-21.92	Peak	35.00	150	Horizontal	Pass
3**	3108.400	43.35	-8.20	54.0	-10.65	AV	35.00	150	Horizontal	Pass
4	6499.000	55.27	-1.52	74.0	-18.73	Peak	339.00	150	Horizontal	Pass
4**	6499.000	44.25	-1.52	54.0	-9.75	AV	339.00	150	Horizontal	Pass
5	8559.974	51.23	-2.10	74.0	-22.77	Peak	67.00	150	Horizontal	Pass
5**	8559.974	42.47	-2.10	54.0	-11.53	AV	67.00	150	Horizontal	Pass
6	13365.826	55.76	0.74	74.0	-18.24	Peak	323.00	150	Horizontal	Pass
6**	13365.826	46.77	0.74	54.0	-7.23	AV	323.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1728.100	49.01	-17.16	74.0	-24.99	Peak	221.00	150	Vertical	Pass
1**	1728.100	40.16	-17.16	54.0	-13.84	AV	221.00	150	Vertical	Pass
2	2463.000	103.61	-12.80	74.0	29.61	Peak	4.00	150	Vertical	N/A
2**	2463.000	96.24	-12.80	54.0	42.24	AV	4.00	150	Vertical	N/A
3	3093.200	52.20	-8.36	74.0	-21.80	Peak	28.00	150	Vertical	Pass
3**	3093.200	44.78	-8.36	54.0	-9.22	AV	28.00	150	Vertical	Pass
4	6681.600	55.58	-0.49	74.0	-18.42	Peak	104.00	150	Vertical	Pass
4**	6681.600	46.10	-0.49	54.0	-7.90	AV	104.00	150	Vertical	Pass
5	8572.912	51.21	-2.07	74.0	-22.79	Peak	49.00	150	Vertical	Pass
5**	8572.912	41.82	-2.07	54.0	-12.18	AV	49.00	150	Vertical	Pass
6	13307.288	55.83	0.87	74.0	-18.17	Peak	242.00	150	Vertical	Pass
6**	13307.288	47.50	0.87	54.0	-6.50	AV	242.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.000	47.15	-18.04	74.0	-26.85	Peak	193.00	150	Horizontal	Pass
1**	1154.000	39.41	-18.04	54.0	-14.59	AV	193.00	150	Horizontal	Pass
2	2458.700	99.74	-12.75	74.0	25.74	Peak	300.00	150	Horizontal	N/A
2**	2458.700	91.96	-12.75	54.0	37.96	AV	300.00	150	Horizontal	N/A
3	3102.200	52.21	-8.40	74.0	-21.79	Peak	46.00	150	Horizontal	Pass
3**	3102.200	44.06	-8.40	54.0	-9.94	AV	46.00	150	Horizontal	Pass
4	6301.800	54.56	-0.96	74.0	-19.44	Peak	134.00	150	Horizontal	Pass
4**	6301.800	45.34	-0.96	54.0	-8.66	AV	134.00	150	Horizontal	Pass
5	8638.463	51.42	-1.83	74.0	-22.58	Peak	231.00	150	Horizontal	Pass
5**	8638.463	41.31	-1.83	54.0	-12.69	AV	231.00	150	Horizontal	Pass
6	13416.487	56.45	0.41	74.0	-17.55	Peak	0.00	150	Horizontal	Pass
6**	13416.487	46.61	0.41	54.0	-7.39	AV	0.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1727.000	49.79	-17.16	74.0	-24.21	Peak	215.00	150	Vertical	Pass
1**	1727.000	39.84	-17.16	54.0	-14.16	AV	215.00	150	Vertical	Pass
2	2465.400	97.21	-12.72	74.0	23.21	Peak	12.00	150	Vertical	N/A
2**	2465.400	89.89	-12.72	54.0	35.89	AV	12.00	150	Vertical	N/A
3	3105.400	52.89	-8.34	74.0	-21.11	Peak	15.00	150	Vertical	Pass
3**	3105.400	43.03	-8.34	54.0	-10.97	AV	15.00	150	Vertical	Pass
4	6678.600	55.01	-0.55	74.0	-18.99	Peak	228.00	150	Vertical	Pass
4**	6678.600	45.84	-0.55	54.0	-8.16	AV	228.00	150	Vertical	Pass
5	8595.912	51.06	-2.20	74.0	-22.94	Peak	246.00	150	Vertical	Pass
5**	8595.912	42.11	-2.20	54.0	-11.89	AV	246.00	150	Vertical	Pass
6	13305.450	55.69	0.87	74.0	-18.31	Peak	137.00	150	Vertical	Pass
6**	13305.450	46.84	0.87	54.0	-7.16	AV	137.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.500	48.32	-18.29	74.0	-25.68	Peak	189.00	150	Horizontal	Pass
1**	1143.500	38.49	-18.29	54.0	-15.51	AV	189.00	150	Horizontal	Pass
2	2463.400	95.01	-12.79	74.0	21.01	Peak	296.00	150	Horizontal	N/A
2**	2463.400	87.35	-12.79	54.0	33.35	AV	296.00	150	Horizontal	N/A
3	3077.800	52.34	-8.42	74.0	-21.66	Peak	37.00	150	Horizontal	Pass
3**	3077.800	42.71	-8.42	54.0	-11.29	AV	37.00	150	Horizontal	Pass
4	6600.200	54.90	-0.44	74.0	-19.10	Peak	88.00	150	Horizontal	Pass
4**	6600.200	46.41	-0.44	54.0	-7.59	AV	88.00	150	Horizontal	Pass
5	8639.901	51.09	-1.83	74.0	-22.91	Peak	303.00	150	Horizontal	Pass
5**	8639.901	41.84	-1.83	54.0	-12.16	AV	303.00	150	Horizontal	Pass
6	13415.437	56.23	0.41	74.0	-17.77	Peak	137.00	150	Horizontal	Pass
6**	13415.437	46.82	0.41	54.0	-7.18	AV	137.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 11

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1730.000	49.58	-17.21	74.0	-24.42	Peak	223.00	150	Vertical	Pass
1**	1730.000	40.63	-17.21	54.0	-13.37	AV	223.00	150	Vertical	Pass
2	2464.200	91.63	-12.76	74.0	17.63	Peak	249.00	150	Vertical	N/A
2**	2464.200	83.92	-12.76	54.0	29.92	AV	249.00	150	Vertical	N/A
3	3105.800	52.43	-8.29	74.0	-21.57	Peak	31.00	150	Vertical	Pass
3**	3105.800	42.44	-8.29	54.0	-11.56	AV	31.00	150	Vertical	Pass
4	6685.000	54.92	-0.21	74.0	-19.08	Peak	219.00	150	Vertical	Pass
4**	6685.000	46.50	-0.21	54.0	-7.50	AV	219.00	150	Vertical	Pass
5	8557.675	51.10	-2.10	74.0	-22.90	Peak	229.00	150	Vertical	Pass
5**	8557.675	41.75	-2.10	54.0	-12.25	AV	229.00	150	Vertical	Pass
6	13417.012	56.42	0.41	74.0	-17.58	Peak	24.00	150	Vertical	Pass
6**	13417.012	47.70	0.41	54.0	-6.30	AV	24.00	150	Vertical	Pass

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

Note¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

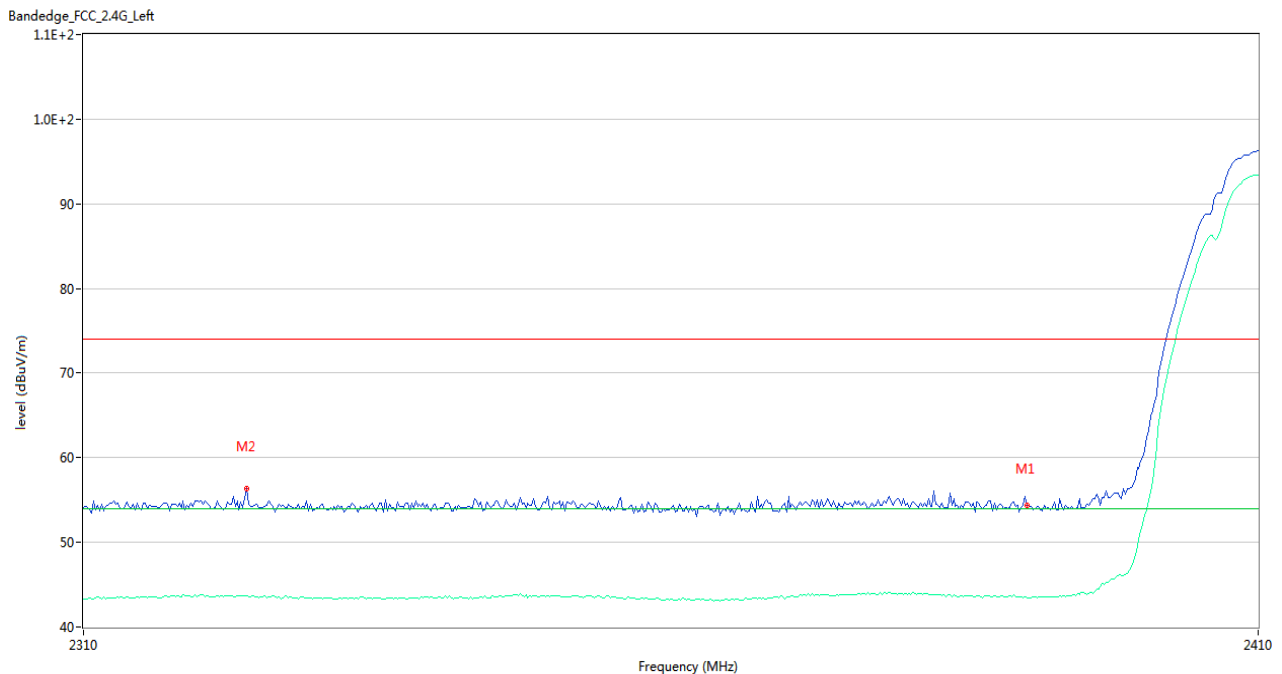
Note²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note³: 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.

Note⁴: All the configurations were tested, but only the worst data was shown in this report.

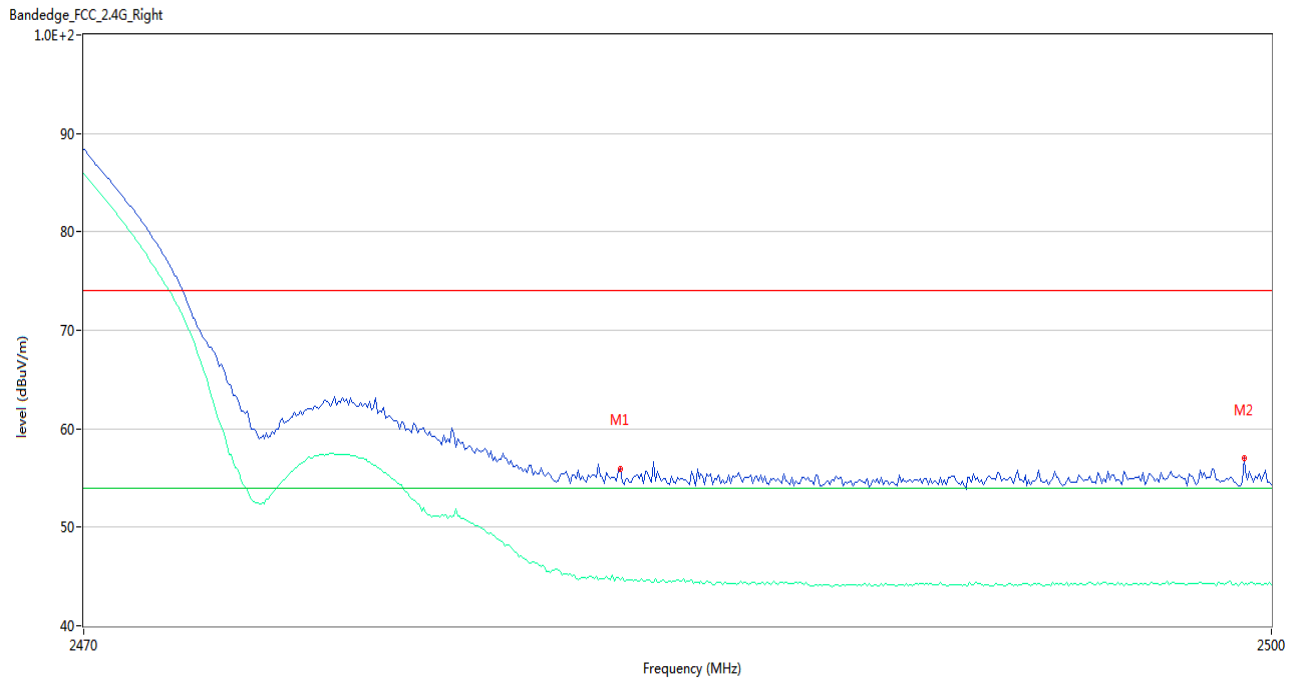
Test Data and Plots

802.11b CHANNEL 1



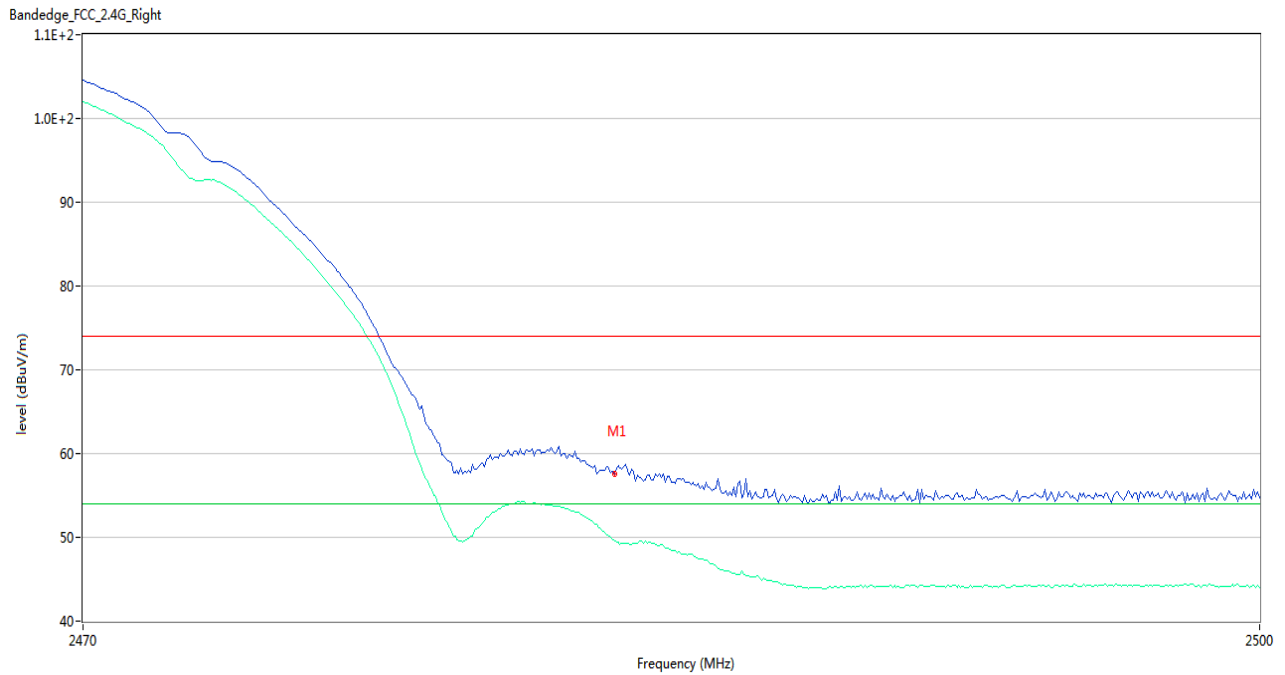
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.36	-0.50	74.0	-19.64	Peak	163.00	150	Horizontal	Pass
1**	2390.000	43.48	-0.50	54.0	-10.52	AV	163.00	150	Horizontal	Pass
2	2323.667	56.31	-0.70	74.0	-17.69	Peak	241.00	150	Horizontal	Pass
2**	2323.667	43.66	-0.70	54.0	-10.34	AV	241.00	150	Horizontal	Pass

802.11b CHANNEL 11



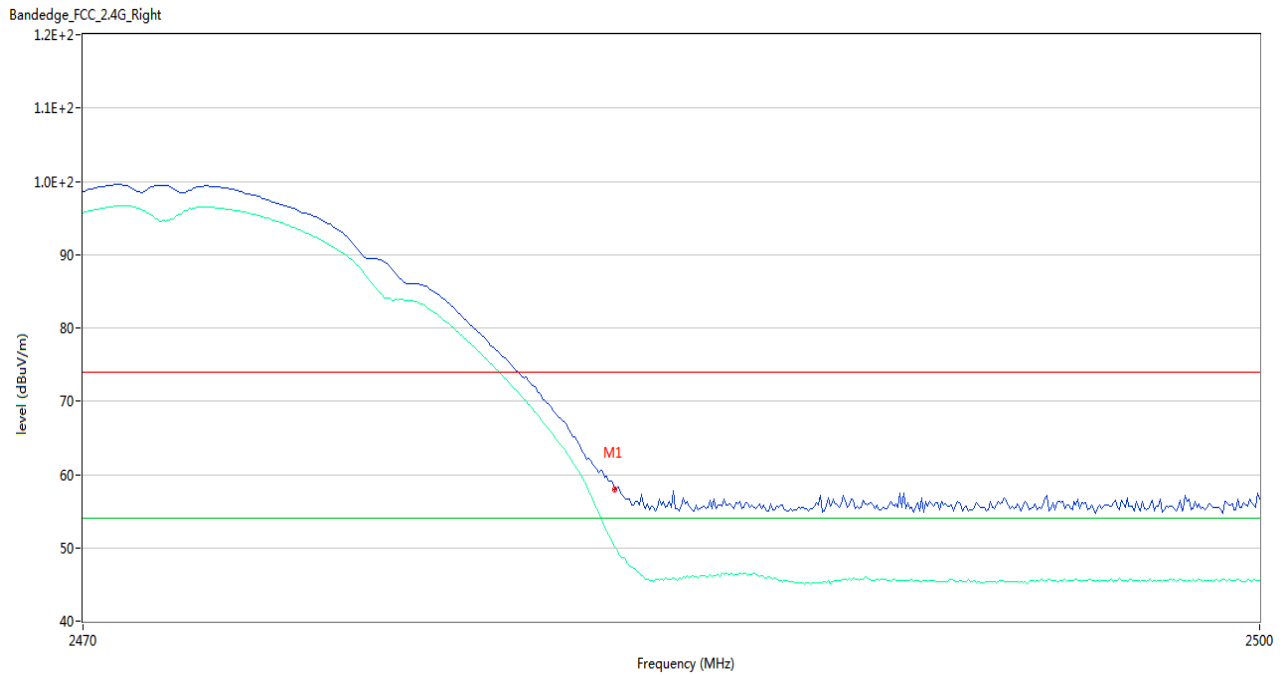
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.89	-0.36	74.0	-18.11	Peak	91.00	150	Horizontal	Pass
1**	2483.500	44.71	-0.36	54.0	-9.29	AV	91.00	150	Horizontal	Pass
2	2499.300	56.98	-0.06	74.0	-17.02	Peak	23.00	150	Horizontal	Pass
2**	2499.300	44.22	-0.06	54.0	-9.78	AV	23.00	150	Horizontal	Pass

802.11b CHANNEL 12



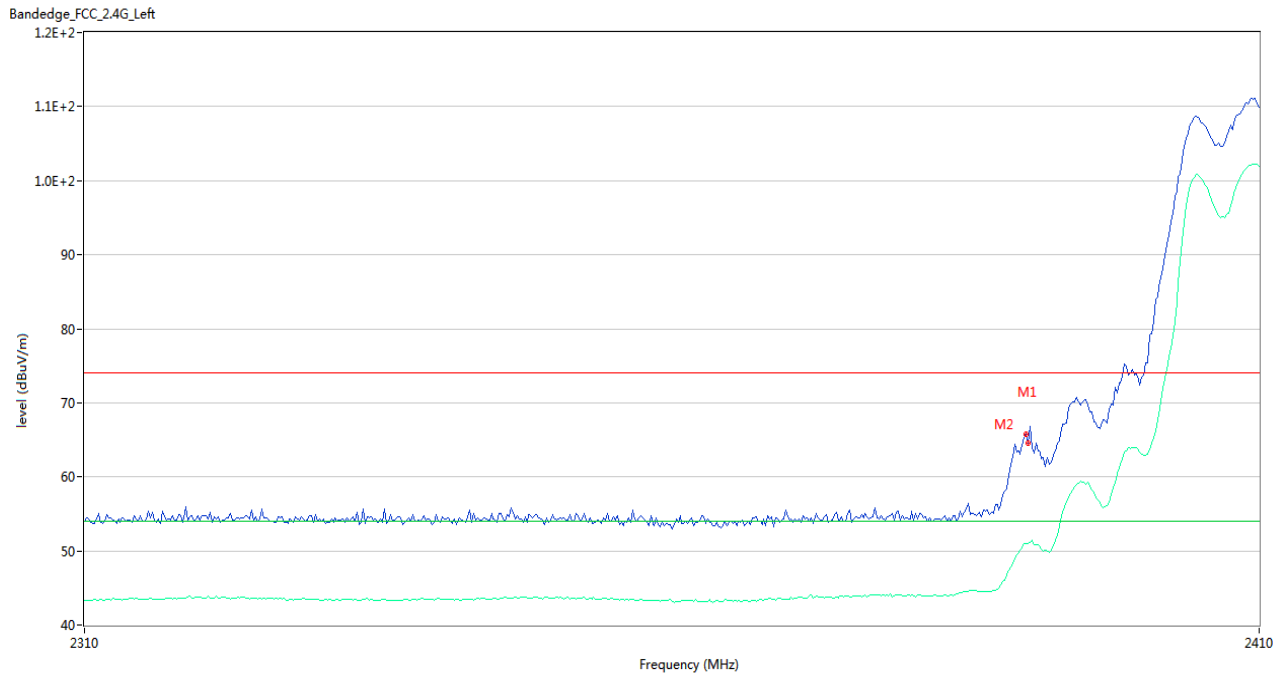
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.64	-0.36	74.0	-16.36	Peak	282.00	150	Horizontal	Pass
1**	2483.500	50.13	-0.36	54.0	-3.87	AV	282.00	150	Horizontal	Pass

802.11b CHANNEL 13



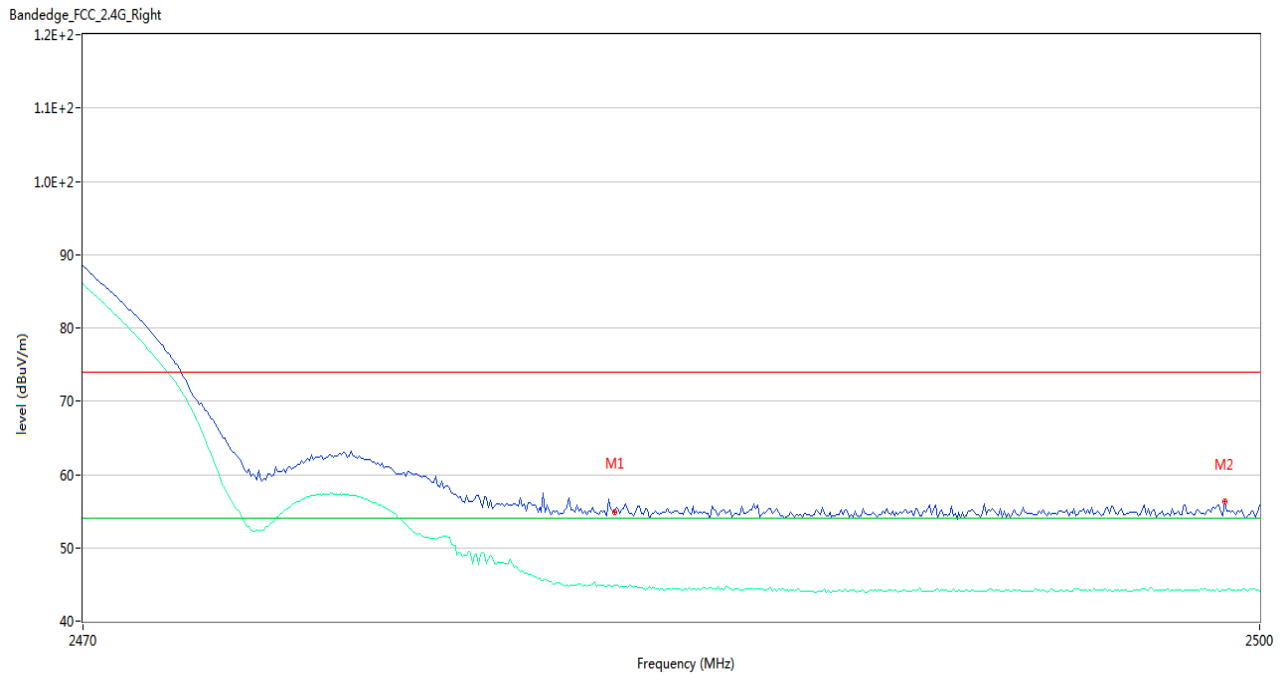
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.98	-0.36	74.0	-16.02	Peak	291.00	150	Horizontal	Pass
1**	2483.500	50.15	-0.36	54.0	-3.85	AV	291.00	150	Horizontal	Pass

802.11g CHANNEL 1



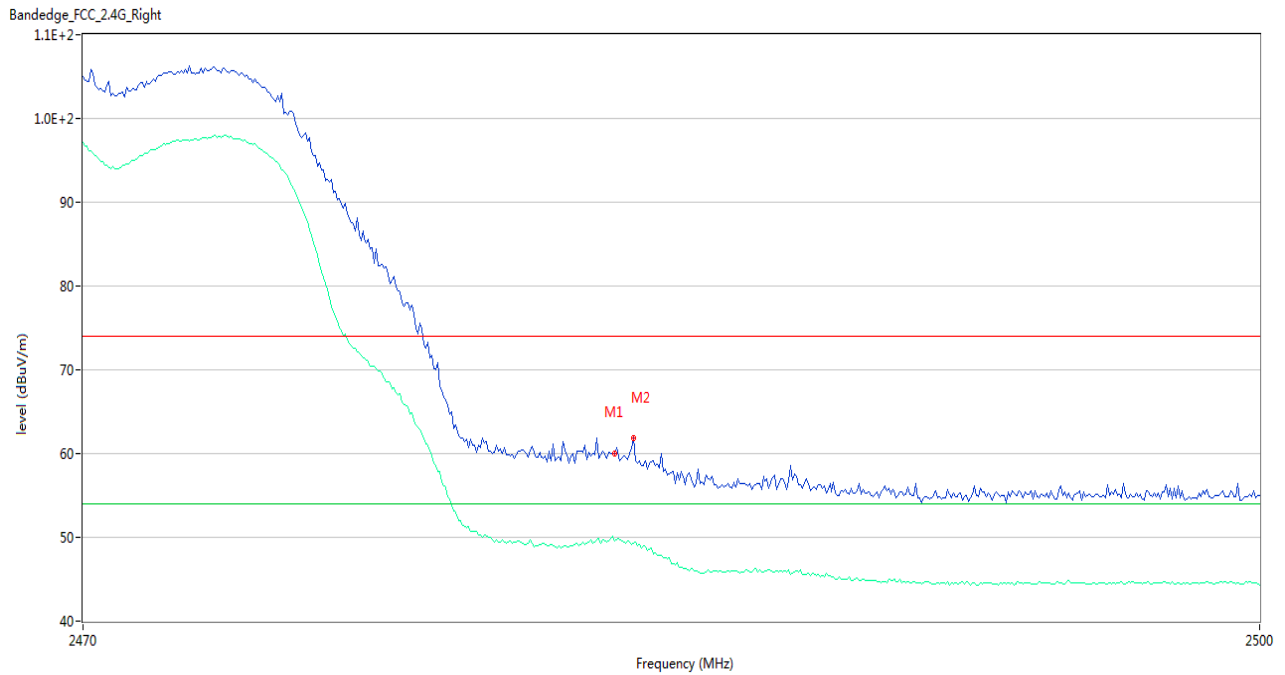
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	64.53	-0.50	74.0	-9.47	Peak	290.00	150	Horizontal	Pass
1**	2390.000	50.94	-0.50	54.0	-3.06	AV	290.00	150	Horizontal	Pass
2	2389.833	65.74	-0.50	74.0	-8.26	Peak	285.00	150	Horizontal	Pass
2**	2389.833	50.98	-0.50	54.0	-3.02	AV	285.00	150	Horizontal	Pass

802.11g CHANNEL 11



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.84	-0.36	74.0	-19.16	Peak	38.00	150	Horizontal	Pass
1**	2483.500	44.94	-0.36	54.0	-9.06	AV	38.00	150	Horizontal	Pass
2	2499.100	56.34	-0.05	74.0	-17.66	Peak	14.00	150	Horizontal	Pass
2**	2499.100	44.19	-0.05	54.0	-9.81	AV	14.00	150	Horizontal	Pass

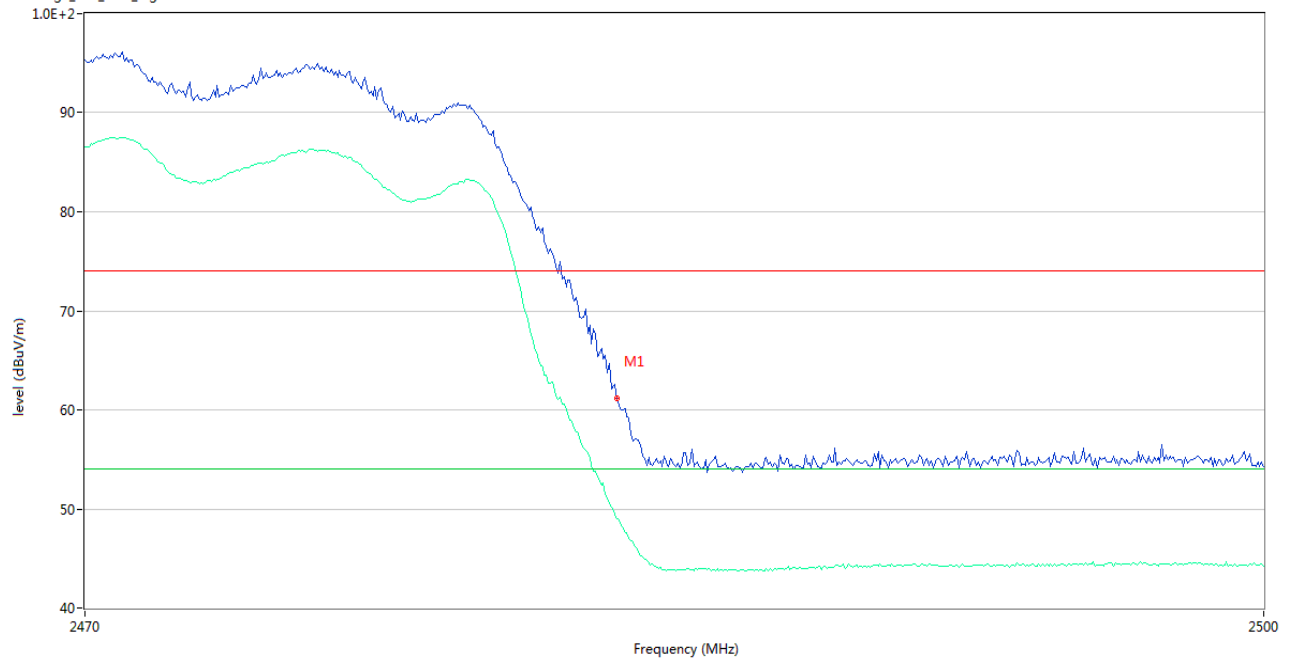
802.11g CHANNEL 12



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.96	-0.36	74.0	-14.04	Peak	210.00	150	Horizontal	Pass
1**	2483.500	49.51	-0.36	54.0	-4.49	AV	210.00	150	Horizontal	Pass
2	2484.000	61.79	-0.34	74.0	-12.21	Peak	212.00	150	Horizontal	Pass
2**	2484.000	49.30	-0.34	54.0	-4.70	AV	212.00	150	Horizontal	Pass

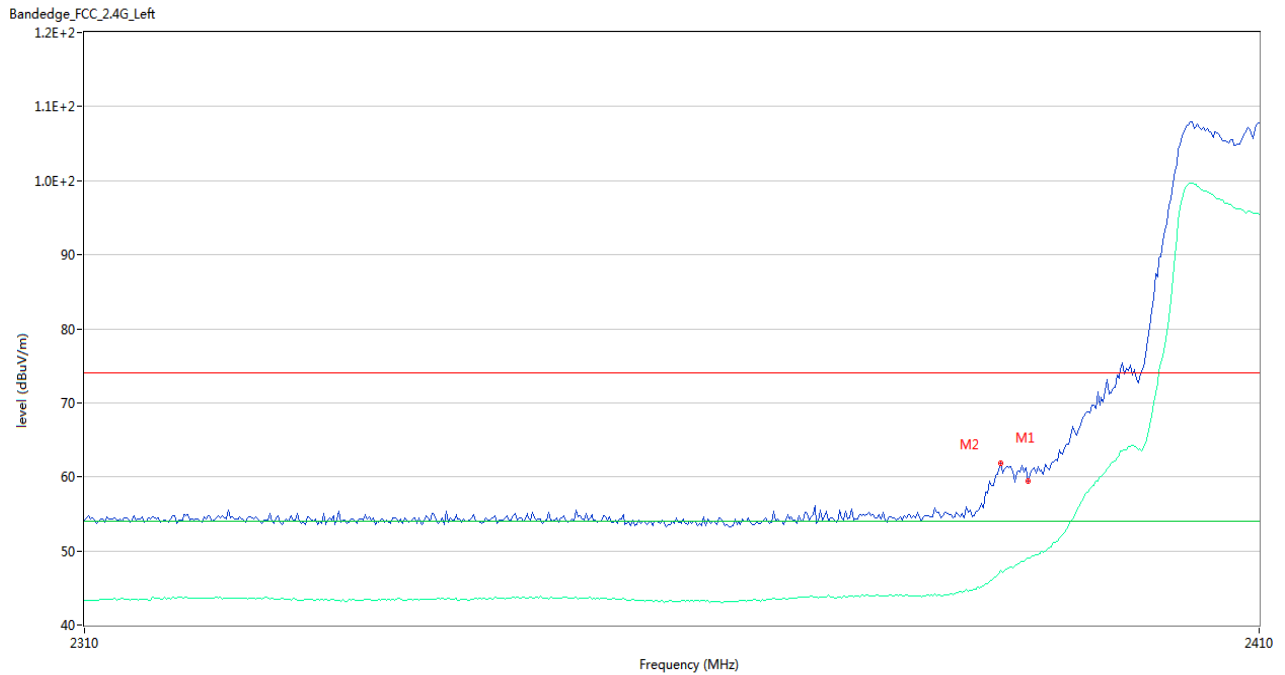
802.11g CHANNEL 13

Bandedge_FCC_2.4G_Right



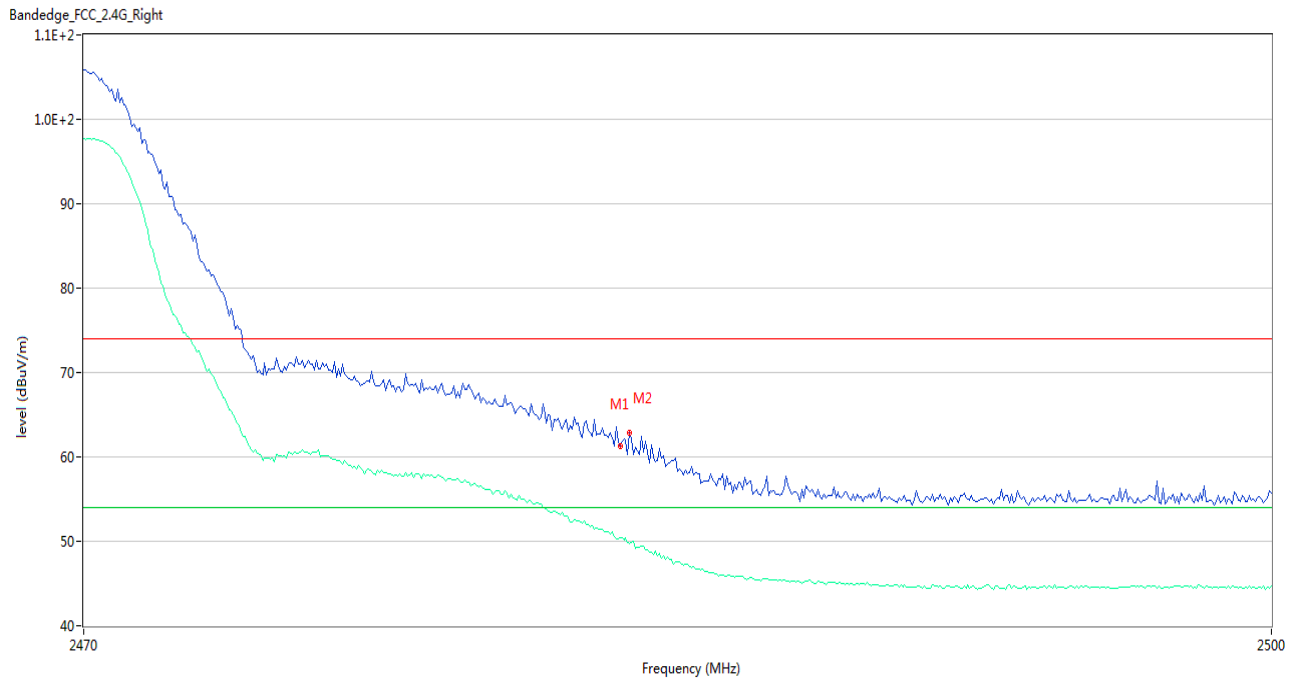
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.21	-0.36	74.0	-12.79	Peak	290.00	150	Horizontal	Pass
1**	2483.500	49.02	-0.36	54.0	-4.98	AV	290.00	150	Horizontal	Pass

802.11n20 CHANNEL 1



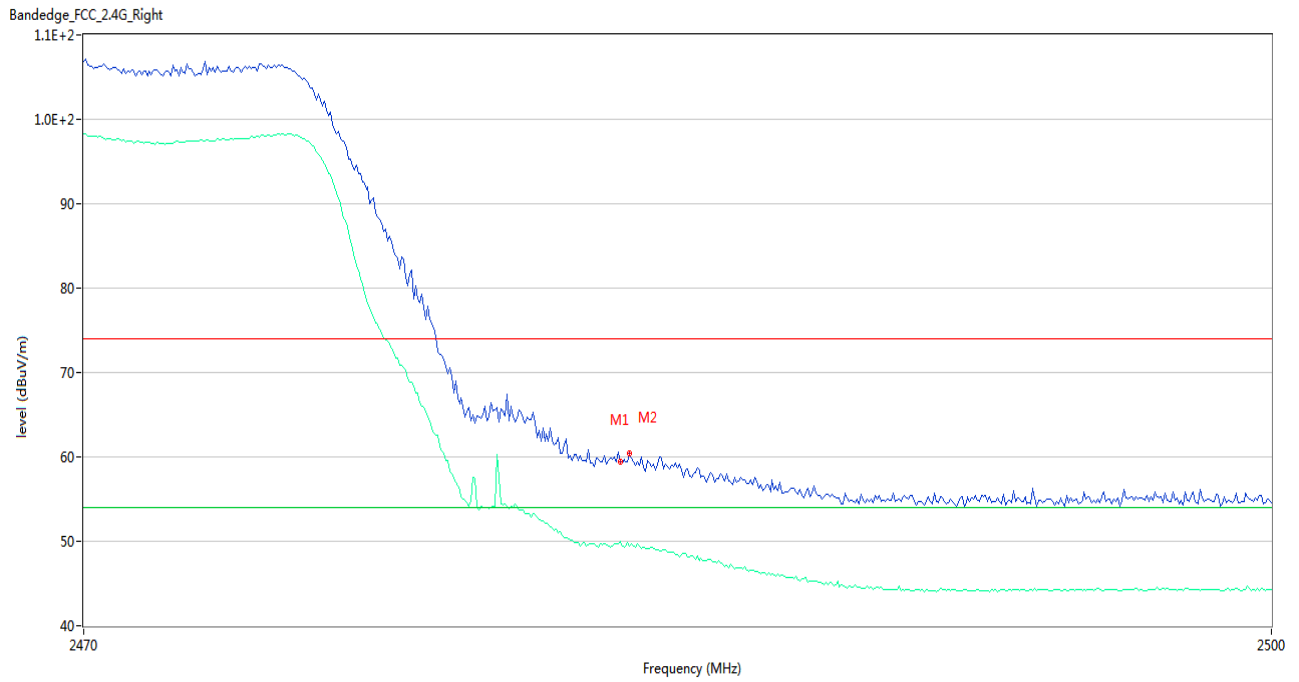
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.37	-0.50	74.0	-14.63	Peak	332.00	150	Horizontal	Pass
1**	2390.000	49.02	-0.50	54.0	-4.98	AV	332.00	150	Horizontal	Pass
2	2387.667	61.91	-0.52	74.0	-12.09	Peak	286.00	150	Horizontal	Pass
2**	2387.667	47.31	-0.52	54.0	-6.69	AV	286.00	150	Horizontal	Pass

802.11n20 CHANNEL 11



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.23	-0.36	74.0	-12.77	Peak	212.00	150	Horizontal	Pass
1**	2483.500	50.48	-0.36	54.0	-3.52	AV	212.00	150	Horizontal	Pass
2	2483.750	62.82	-0.35	74.0	-11.18	Peak	207.00	150	Horizontal	Pass
2**	2483.750	49.68	-0.35	54.0	-4.32	AV	207.00	150	Horizontal	Pass

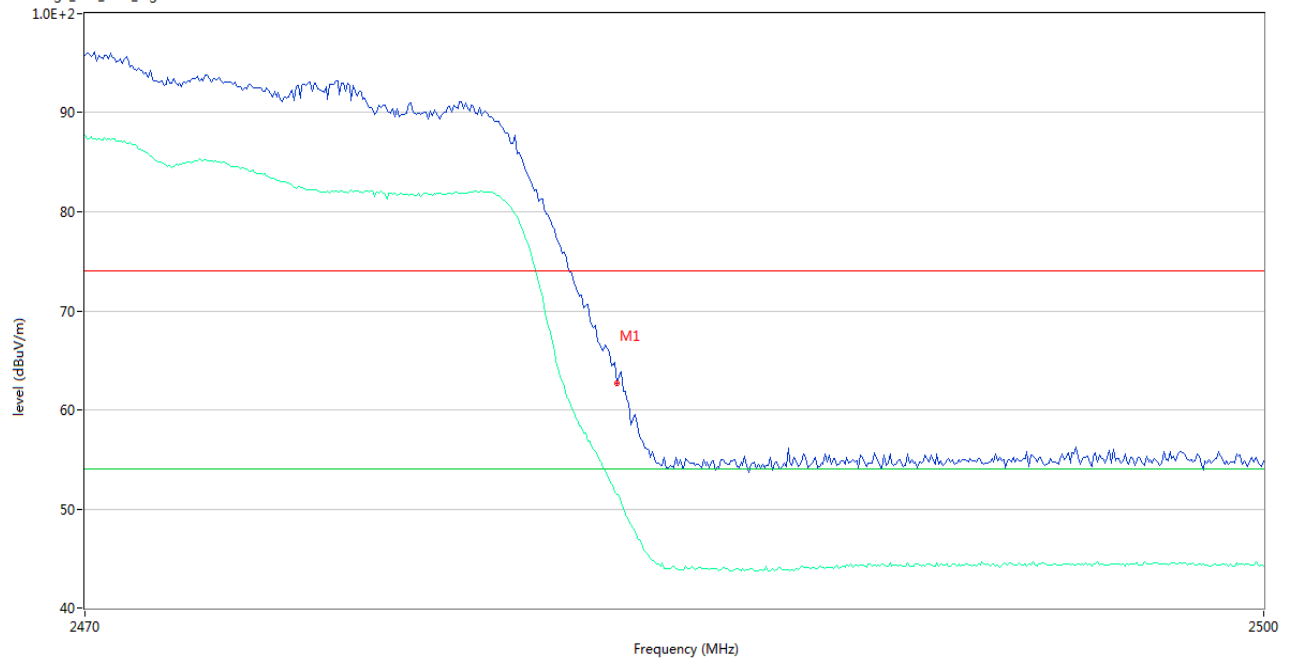
802.11n20 CHANNEL 12



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.47	-0.36	74.0	-14.53	Peak	62.00	150	Horizontal	Pass
1**	2483.500	49.98	-0.36	54.0	-4.02	AV	62.00	150	Horizontal	Pass
2	2483.750	60.39	-0.35	74.0	-13.61	Peak	73.00	150	Horizontal	Pass
2**	2483.750	49.38	-0.35	54.0	-4.62	AV	73.00	150	Horizontal	Pass

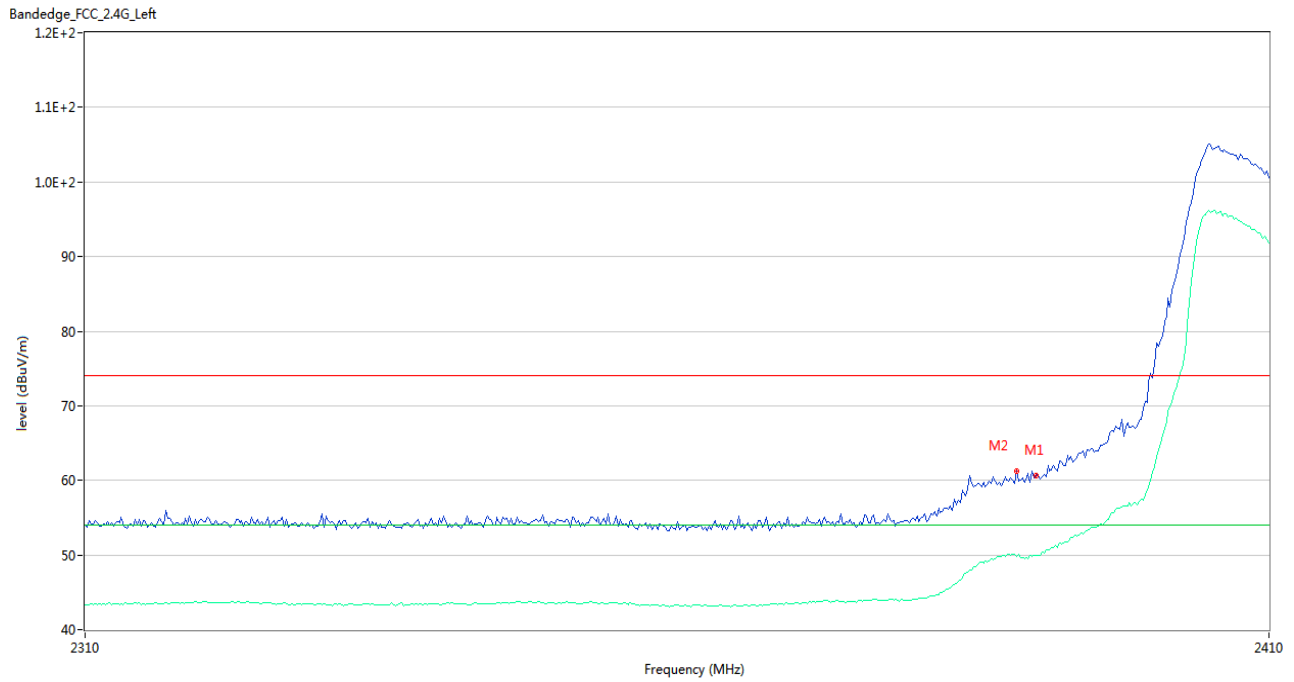
802.11n20 CHANNEL 13

Bandedge_FCC_2.4G_Right



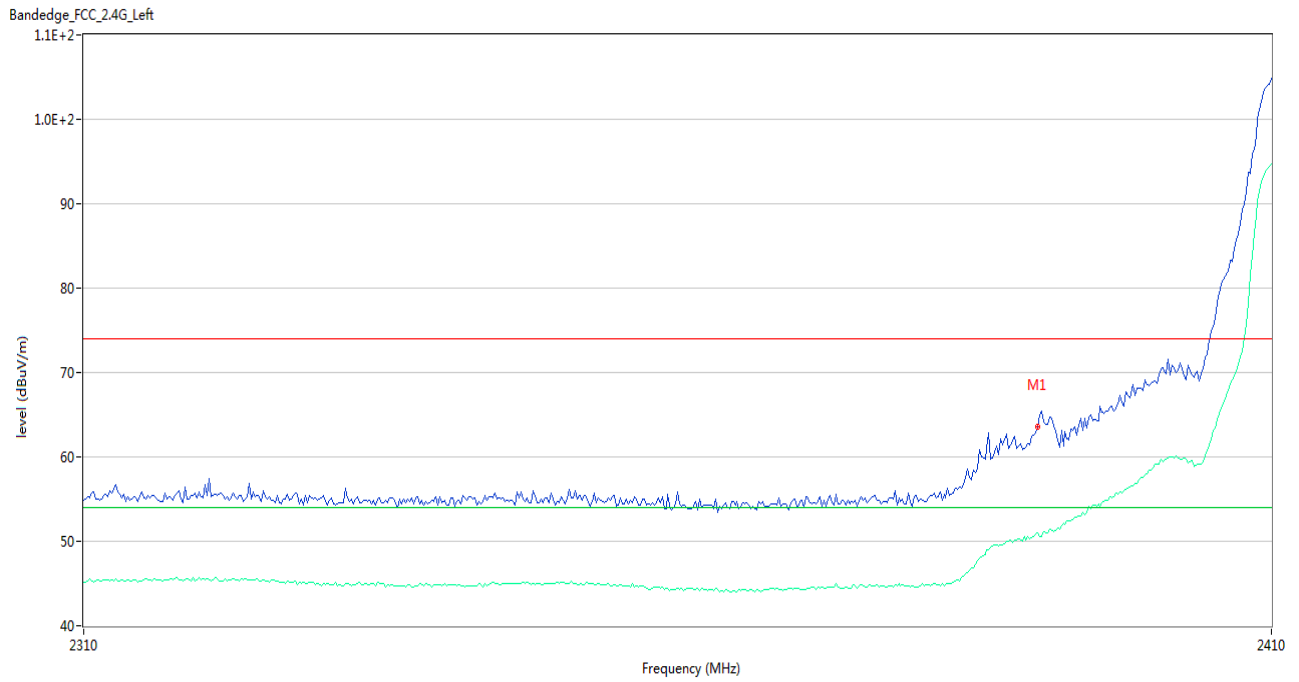
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.64	-0.36	74.0	-11.36	Peak	172.00	150	Horizontal	Pass
1**	2483.500	50.23	-0.36	54.0	-3.77	AV	224.00	150	Horizontal	Pass

802.11n40 CHANNEL 3



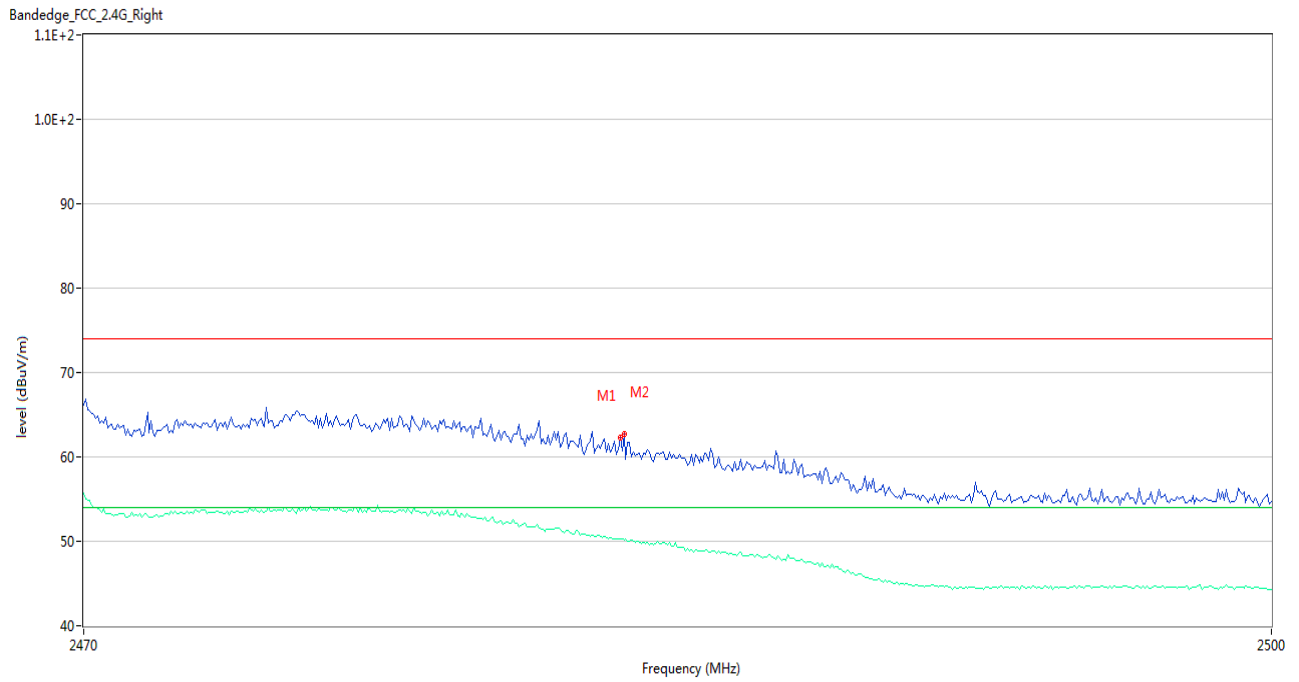
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.66	-0.50	74.0	-13.34	Peak	40.00	150	Horizontal	Pass
1**	2390.000	49.88	-0.50	54.0	-4.12	AV	40.00	150	Horizontal	Pass
2	2388.333	61.23	-0.50	74.0	-12.77	Peak	43.00	150	Horizontal	Pass
2**	2388.333	49.86	-0.50	54.0	-4.14	AV	43.00	150	Horizontal	Pass

802.11n40 CHANNEL 4



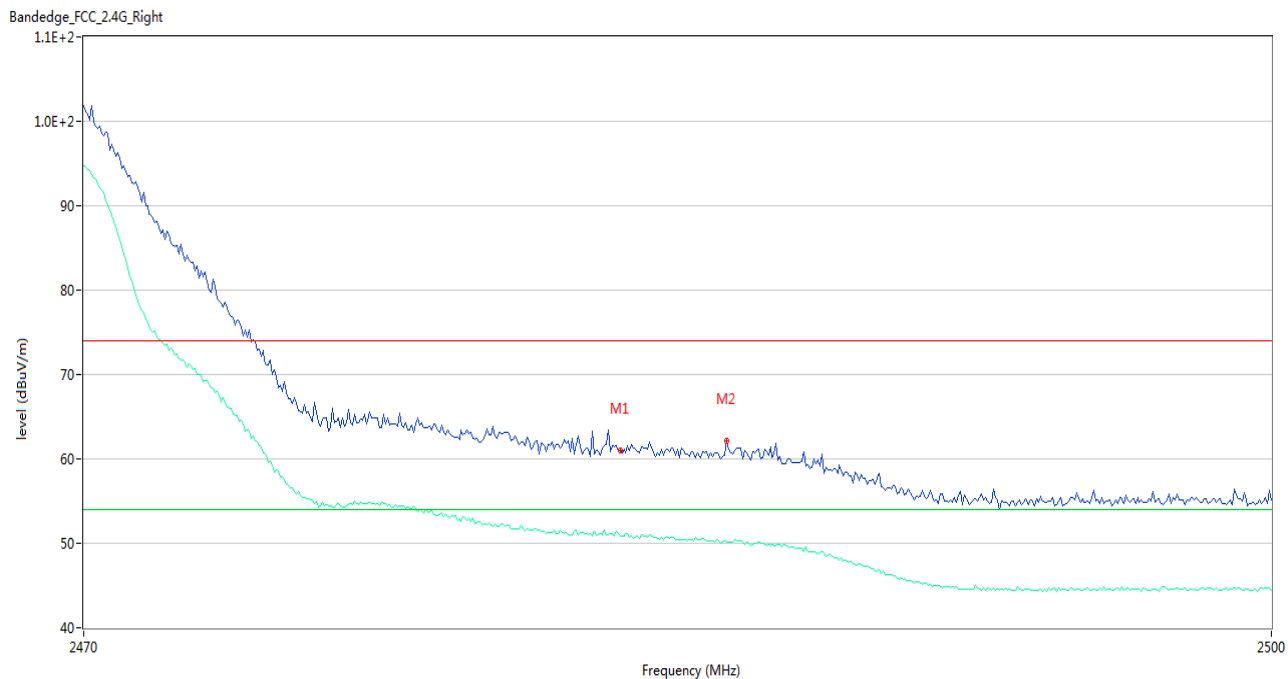
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	63.61	-0.50	74.0	-10.39	Peak	288.00	150	Horizontal	Pass
1**	2390.000	50.99	-0.50	54.0	-3.01	AV	288.00	150	Horizontal	Pass

802.11n40 CHANNEL 8



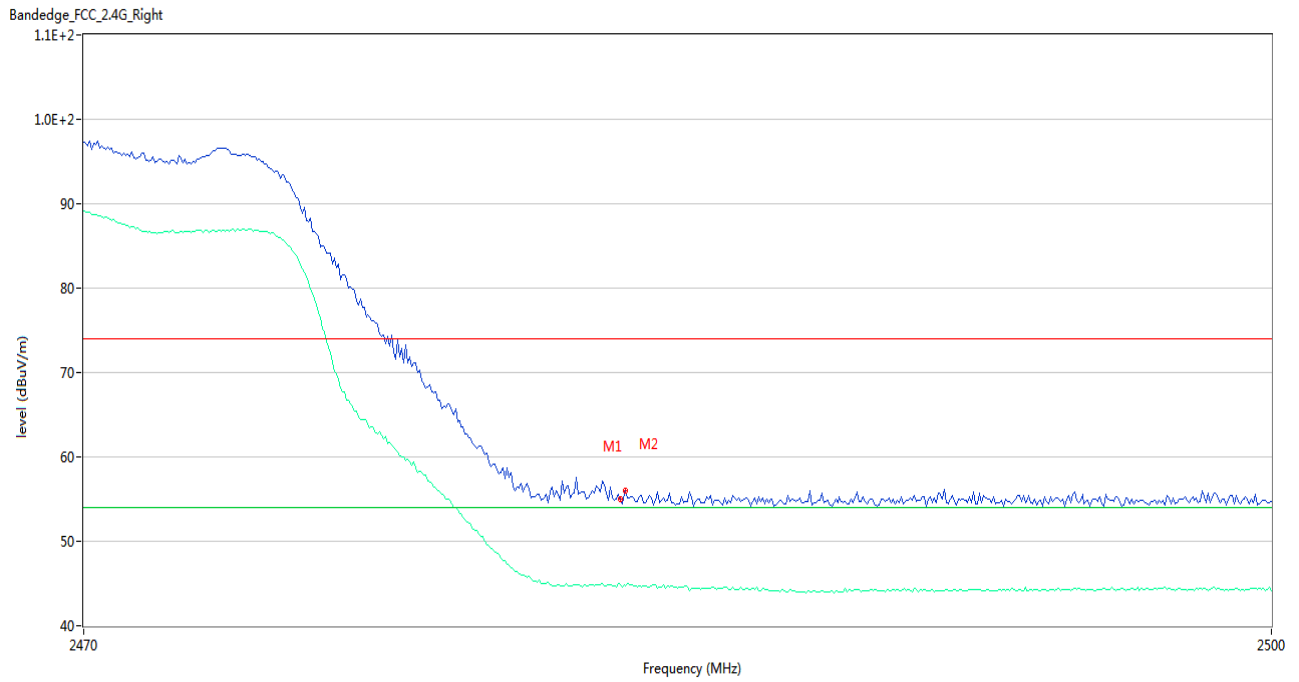
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.32	-0.36	74.0	-11.68	Peak	287.00	150	Horizontal	Pass
1**	2483.500	50.30	-0.36	54.0	-3.70	AV	287.00	150	Horizontal	Pass
2	2483.600	62.78	-0.36	74.0	-11.22	Peak	280.00	150	Horizontal	Pass
2**	2483.600	50.10	-0.36	54.0	-3.90	AV	280.00	150	Horizontal	Pass

802.11n40 CHANNEL 9



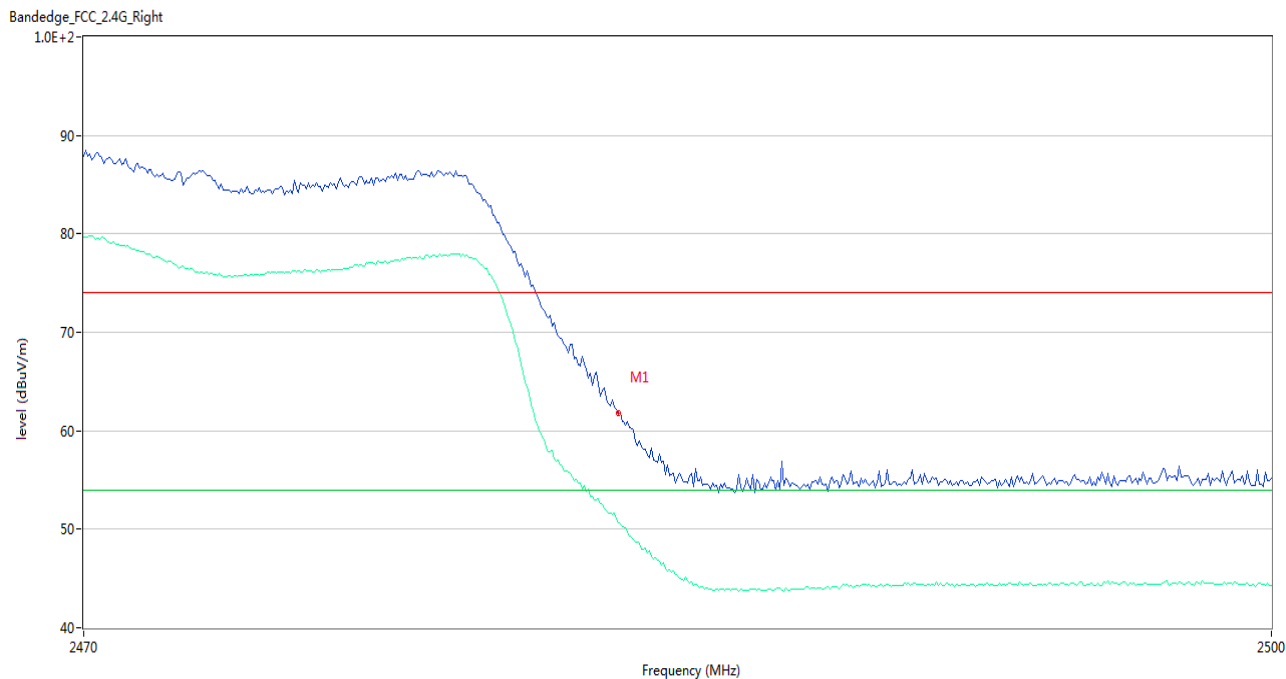
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.06	-0.36	74.0	-12.94	Peak	208.00	150	Horizontal	Pass
1**	2483.500	50.87	-0.36	54.0	-3.13	AV	208.00	150	Horizontal	Pass
2	2486.200	62.13	-0.35	74.0	-11.87	Peak	223.00	150	Horizontal	Pass
2**	2486.200	50.09	-0.35	54.0	-3.91	AV	223.00	150	Horizontal	Pass

802.11n40 CHANNEL 10



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.02	-0.36	74.0	-18.98	Peak	271.00	150	Horizontal	Pass
1**	2483.500	44.86	-0.36	54.0	-9.14	AV	271.00	150	Horizontal	Pass
2	2483.650	56.00	-0.35	74.0	-18.00	Peak	278.00	150	Horizontal	Pass
2**	2483.650	44.68	-0.35	54.0	-9.32	AV	278.00	150	Horizontal	Pass

802.11n40 CHANNEL 11



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.74	-0.36	74.0	-12.26	Peak	286.00	150	Horizontal	Pass
1**	2483.500	50.54	-0.36	54.0	-3.46	AV	286.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note: All the configurations were tested, but only the worst data was shown in this report.

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.23	8
6	-17.57	8
11	-16.99	8
12	-18.65	8
13	-24.33	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.13	8
6	-19.91	8
11	-19.06	8
12	-23.72	8
13	-31.68	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.67	8
6	-19.90	8
11	-19.95	8
12	-23.70	8
13	-32.27	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-24.04	8
4	-24.55	8
6	-24.13	8
8	-24.18	8
9	-25.79	8
10	-30.91	8
11	-37.46	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.27	8
6	-17.35	8
11	-17.57	8
12	-18.38	8
13	-24.35	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.81	8
6	-19.38	8
11	-19.61	8
12	-24.22	8
13	-31.74	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.68	8
6	-20.08	8
11	-19.91	8
12	-24.12	8
13	-31.68	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-24.94	8
4	-24.14	8
6	-24.01	8
8	-23.52	8
9	-25.26	8
10	-30.88	8
11	-37.48	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.24	8
6	-14.45	8
11	-14.26	8
12	-15.50	8
13	-21.33	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-16.96	8
6	-16.63	8
11	-16.32	8
12	-20.95	8
13	-28.70	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-16.66	8
6	-16.98	8
11	-16.92	8
12	-20.89	8
13	-28.95	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-21.46	8
4	-21.33	8
6	-21.06	8
8	-20.83	8
9	-22.50	8
10	-27.89	8
11	-34.46	8

Test Plots

Main Antenna

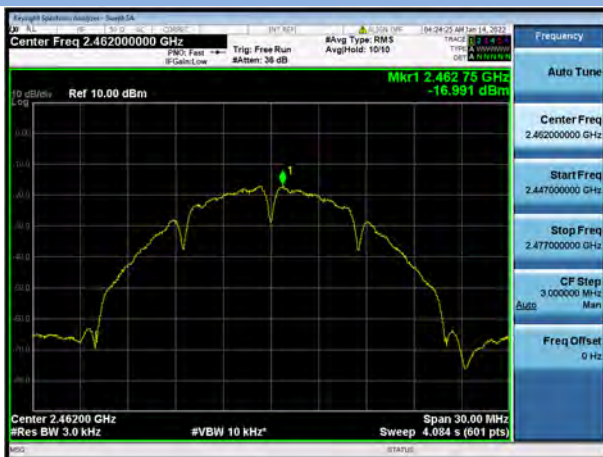
802.11b CHANNEL 1



802.11b CHANNEL 6



802.11b CHANNEL 11



802.11b CHANNEL 12



802.11b CHANNEL 13



802.11g CHANNEL 1



802.11g CHANNEL 6



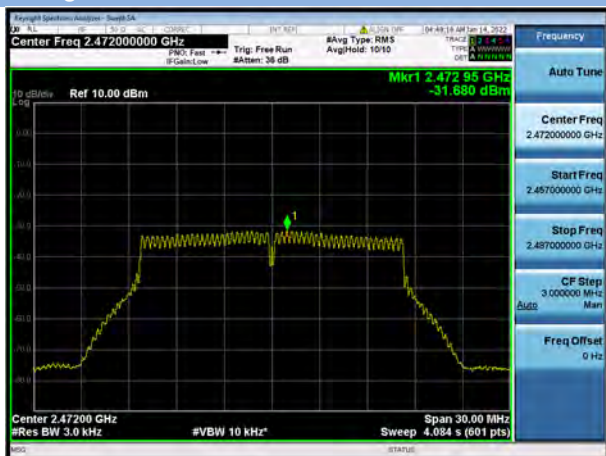
802.11g CHANNEL 11



802.11g CHANNEL 12



802.11g CHANNEL 13



802.11n-20 MHz CHANNEL 1



802.11n-20 MHz CHANNEL 6



802.11n-20 MHz CHANNEL 11



802.11n-20 MHz CHANNEL 12



802.11n-20 MHz CHANNEL 13



802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 4



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 8



802.11n-40 MHz CHANNEL 9



802.11n-40 MHz CHANNEL 10



802.11n-40 MHz CHANNEL 11



Aux. Antenna

802.11b CHANNEL 1



802.11b CHANNEL 6



802.11b CHANNEL 11



802.11b CHANNEL 12



802.11b CHANNEL 13



802.11g CHANNEL 1



802.11g CHANNEL 6



802.11g CHANNEL 11



802.11g CHANNEL 12



802.11g CHANNEL 13



802.11n-20 MHz CHANNEL 1



802.11n-20 MHz CHANNEL 6



802.11n-20 MHz CHANNEL 11



802.11n-20 MHz CHANNEL 12



802.11n-20 MHz CHANNEL 13



802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 4



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 8



802.11n-40 MHz CHANNEL 9



802.11n-40 MHz CHANNEL 10



802.11n-40 MHz CHANNEL 11



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ21C1238-AR.pdf”.

--END OF REPORT--