

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.

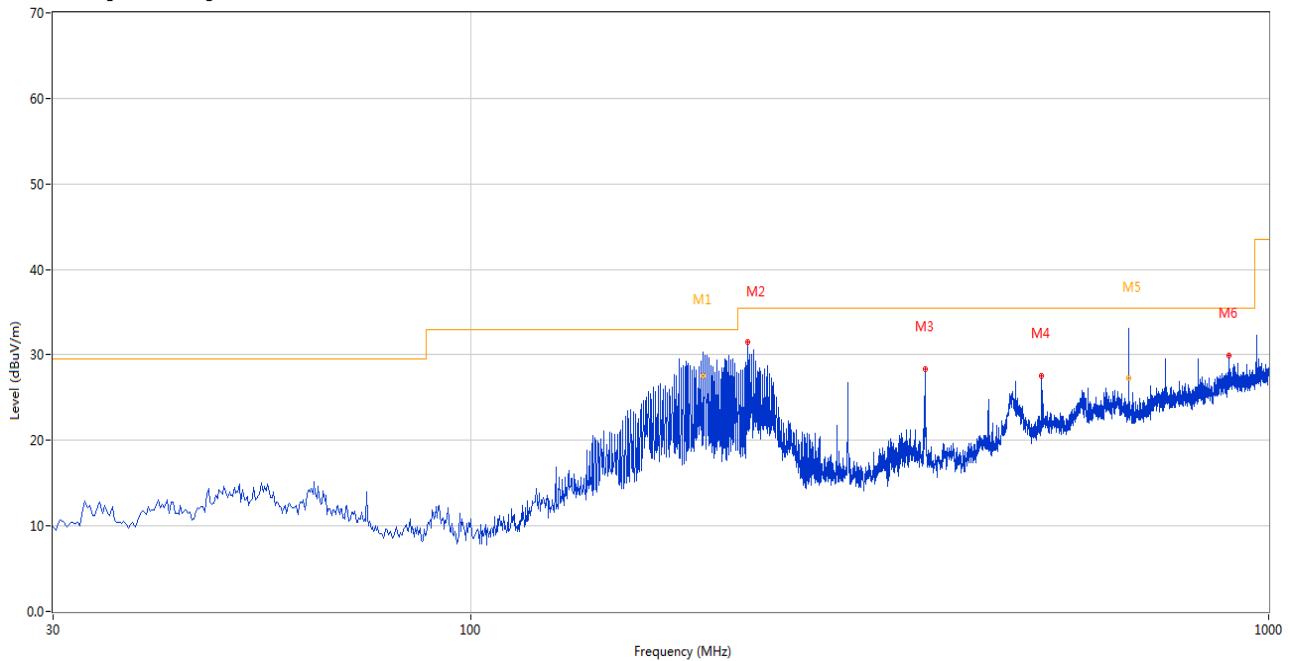
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

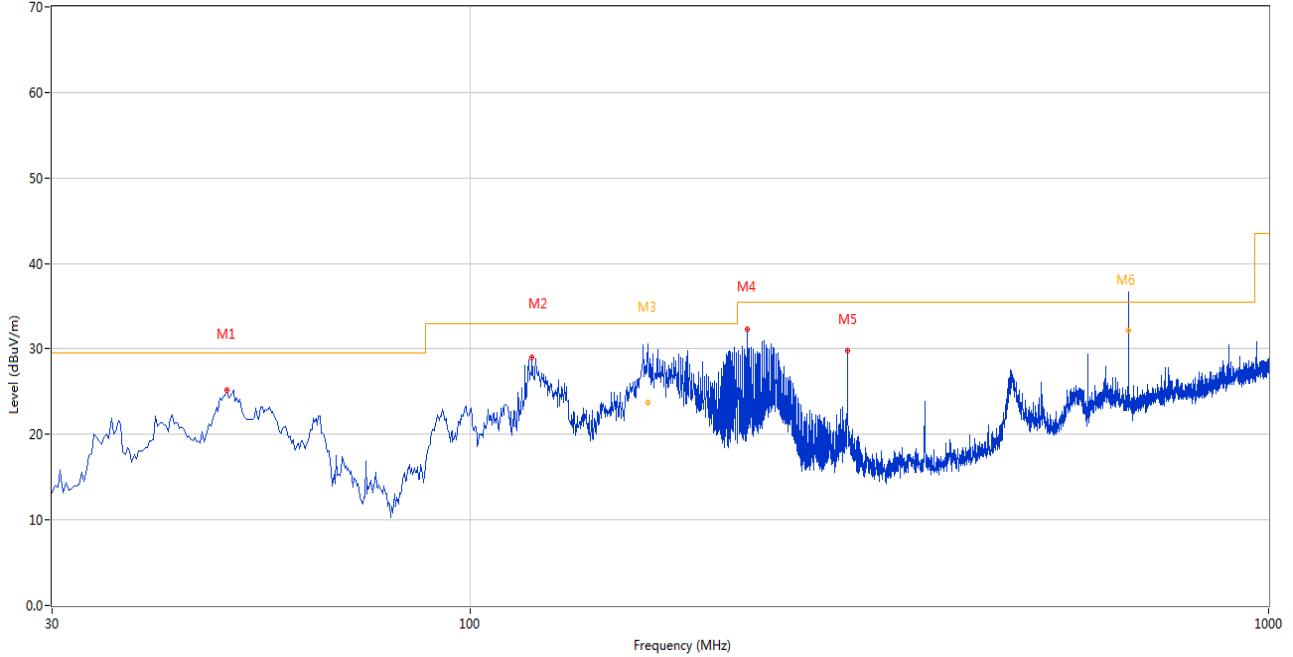
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	195.595	29.28	-28.54	33.0	3.72	Peak	196.00	191	Horizontal	N/A
1*	195.595	27.49	-28.54	33.0	5.51	QP	196.00	191	Horizontal	Pass
2	222.739	31.53	-28.77	35.5	3.97	Peak	199.00	200	Horizontal	Pass
3	371.355	28.31	-23.01	35.5	7.19	Peak	0.00	200	Horizontal	Pass
4	519.728	27.50	-19.10	35.5	8.00	Peak	0.00	100	Horizontal	Pass
5	668.344	30.29	-15.87	35.5	5.21	Peak	47.00	123	Horizontal	N/A
5*	668.344	27.35	-15.87	35.5	8.15	QP	47.00	123	Horizontal	Pass
6	891.145	29.87	-10.83	35.5	5.63	Peak	360.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.638	25.22	-26.01	29.5	4.28	Peak	96.00	200	Vertical	Pass
2	119.703	29.05	-28.12	33.0	3.95	Peak	0.00	200	Vertical	Pass
3	167.139	27.91	-25.77	33.0	5.09	Peak	208.00	115	Vertical	N/A
3*	167.139	23.71	-25.77	33.0	9.29	QP	208.00	115	Vertical	Pass
4	222.739	32.26	-28.77	35.5	3.24	Peak	37.00	100	Vertical	Pass
5	296.926	29.82	-24.94	35.5	5.68	Peak	18.00	100	Vertical	Pass
6	668.343	34.78	-15.87	35.5	0.72	Peak	360.00	200	Vertical	N/A
6*	668.343	32.16	-15.87	35.5	3.34	QP	360.00	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.

Antenna 1

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	52.34	-17.71	74.0	21.66	Peak	300.00	150	Horizontal	Pass
1**	1039.500	50.68	-17.71	54.0	3.32	AV	300.00	150	Horizontal	Pass
2	2413.400	106.52	-10.75	74.0	-32.52	Peak	307.00	150	Horizontal	N/A
2**	2413.400	103.57	-10.75	54.0	-49.57	AV	307.00	150	Horizontal	N/A
3	4824.000	53.86	-1.97	74.0	20.14	Peak	0.00	150	Horizontal	Pass
3**	4824.000	50.30	-1.97	54.0	3.70	AV	0.00	150	Horizontal	Pass
4	6151.800	54.78	0.23	74.0	19.22	Peak	31.00	400	Horizontal	Pass
4**	6151.800	46.50	0.23	54.0	7.50	AV	31.00	400	Horizontal	Pass
5	13459.013	55.58	0.69	74.0	18.42	Peak	119.00	150	Horizontal	Pass
5**	13459.013	45.77	0.69	54.0	8.23	AV	119.00	150	Horizontal	Pass
6	17440.088	56.51	3.02	74.0	17.49	Peak	138.00	100	Horizontal	Pass
6**	17440.088	47.34	3.02	54.0	6.66	AV	138.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1708.000	50.98	-16.85	74.0	23.02	Peak	36.00	150	Vertical	Pass
1**	1708.000	48.23	-16.85	54.0	5.77	AV	36.00	150	Vertical	Pass
2	2412.100	103.77	-10.68	74.0	-29.77	Peak	4.00	150	Vertical	N/A
2**	2412.100	98.97	-10.68	54.0	-44.97	AV	4.00	150	Vertical	N/A
3	4824.000	51.15	-1.97	74.0	22.85	Peak	260.00	150	Vertical	Pass
3**	4824.000	46.12	-1.97	54.0	7.88	AV	260.00	150	Vertical	Pass
4	6807.000	54.73	2.15	74.0	19.27	Peak	283.00	300	Vertical	Pass
4**	6807.000	46.50	2.15	54.0	7.50	AV	283.00	300	Vertical	Pass
5	13379.738	55.84	0.65	74.0	18.16	Peak	317.00	150	Vertical	Pass
5**	13379.738	46.27	0.65	54.0	7.73	AV	317.00	150	Vertical	Pass
6	15489.974	55.94	0.94	74.0	18.06	Peak	149.00	100	Vertical	Pass
6**	15489.974	46.94	0.94	54.0	7.06	AV	149.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	50.32	-17.71	74.0	23.68	Peak	295.00	150	Horizontal	Pass
1**	1039.700	49.18	-17.71	54.0	4.82	AV	295.00	150	Horizontal	Pass
2	2435.700	106.01	-12.14	74.0	-32.01	Peak	308.00	150	Horizontal	N/A
2**	2435.700	103.08	-12.14	54.0	-49.08	AV	308.00	150	Horizontal	N/A
3	4874.000	52.66	-2.66	74.0	21.34	Peak	0.00	150	Horizontal	Pass
3**	4874.000	48.86	-2.66	54.0	5.14	AV	0.00	150	Horizontal	Pass
4	6799.400	54.54	1.33	74.0	19.46	Peak	125.00	150	Horizontal	Pass
4**	6799.400	45.35	1.33	54.0	8.65	AV	125.00	150	Horizontal	Pass
5	13329.338	56.02	0.93	74.0	17.98	Peak	148.00	150	Horizontal	Pass
5**	13329.338	46.09	0.93	54.0	7.91	AV	148.00	150	Horizontal	Pass
6	17426.962	56.65	3.55	74.0	17.35	Peak	72.00	300	Horizontal	Pass
6**	17426.962	46.40	3.55	54.0	7.60	AV	72.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	51.49	-16.84	74.0	22.51	Peak	37.00	150	Vertical	Pass
1**	1707.900	48.53	-16.84	54.0	5.47	AV	37.00	150	Vertical	Pass
2	2436.900	104.04	-12.13	74.0	-30.04	Peak	360.00	100	Vertical	N/A
2**	2436.900	99.75	-12.13	54.0	-45.75	AV	360.00	100	Vertical	N/A
3	4874.000	49.29	-2.66	74.0	24.71	Peak	245.00	150	Vertical	Pass
3**	4874.000	45.04	-2.66	54.0	8.96	AV	245.00	150	Vertical	Pass
4	6791.200	54.61	0.84	74.0	19.39	Peak	9.00	200	Vertical	Pass
4**	6791.200	45.02	0.84	54.0	8.98	AV	9.00	200	Vertical	Pass
5	13305.713	55.62	0.87	74.0	18.38	Peak	89.00	150	Vertical	Pass
5**	13305.713	45.88	0.87	54.0	8.12	AV	89.00	150	Vertical	Pass
6	17442.187	55.89	2.95	74.0	18.11	Peak	0.00	200	Vertical	Pass
6**	17442.187	45.87	2.95	54.0	8.13	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	51.14	-17.71	74.0	22.86	Peak	295.00	150	Horizontal	Pass
1**	1039.700	50.27	-17.71	54.0	3.73	AV	295.00	150	Horizontal	Pass
2	2463.200	105.77	-11.79	74.0	-31.77	Peak	310.00	200	Horizontal	N/A
2**	2463.200	102.82	-11.79	54.0	-48.82	AV	310.00	200	Horizontal	N/A
3	4924.000	53.24	-2.42	74.0	20.76	Peak	0.00	150	Horizontal	Pass
3**	4924.000	48.65	-2.42	54.0	5.35	AV	0.00	150	Horizontal	Pass
4	4924.200	51.83	-2.42	74.0	22.17	Peak	0.00	150	Horizontal	Pass
4**	4924.200	49.41	-2.42	54.0	4.59	AV	0.00	150	Horizontal	Pass
5	13348.763	55.58	1.02	74.0	18.42	Peak	360.00	150	Horizontal	Pass
5**	13348.763	46.31	1.02	54.0	7.69	AV	360.00	150	Horizontal	Pass
6	15842.250	56.44	1.41	74.0	17.56	Peak	265.00	300	Horizontal	Pass
6**	15842.250	46.49	1.41	54.0	7.51	AV	265.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	50.93	-16.84	74.0	23.07	Peak	42.00	150	Vertical	Pass
1**	1707.900	48.05	-16.84	54.0	5.95	AV	42.00	150	Vertical	Pass
2	2462.000	104.44	-11.93	74.0	-30.44	Peak	0.00	100	Vertical	N/A
2**	2462.000	99.97	-11.93	54.0	-45.97	AV	0.00	100	Vertical	N/A
3	4924.000	50.86	-2.42	74.0	23.14	Peak	48.00	150	Vertical	Pass
3**	4924.000	45.31	-2.42	54.0	8.69	AV	48.00	150	Vertical	Pass
4	7844.388	47.77	-1.95	74.0	26.23	Peak	205.00	150	Vertical	Pass
4**	7844.388	43.46	-1.95	54.0	10.54	AV	205.00	150	Vertical	Pass
5	13421.737	55.79	0.40	74.0	18.21	Peak	360.00	150	Vertical	Pass
5**	13421.737	46.82	0.40	54.0	7.18	AV	360.00	150	Vertical	Pass
6	17429.062	57.39	3.48	74.0	16.61	Peak	160.00	100	Vertical	Pass
6**	17429.062	47.22	3.48	54.0	6.78	AV	160.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	52.61	-17.71	74.0	21.39	Peak	299.00	150	Horizontal	Pass
1**	1039.700	50.69	-17.71	54.0	3.31	AV	299.00	150	Horizontal	Pass
2	1782.100	49.16	-16.18	74.0	24.84	Peak	352.00	150	Horizontal	Pass
2**	1782.100	50.09	-16.18	54.0	3.91	AV	352.00	150	Horizontal	Pass
3	2418.300	108.17	-11.87	74.0	-34.17	Peak	307.00	200	Horizontal	N/A
3**	2418.300	100.34	-11.87	54.0	-46.34	AV	307.00	200	Horizontal	N/A
4	4818.400	49.91	-2.12	74.0	24.09	Peak	345.00	150	Horizontal	Pass
4**	4818.400	45.07	-2.12	54.0	8.93	AV	345.00	150	Horizontal	Pass
5	13447.463	55.90	0.58	74.0	18.10	Peak	360.00	150	Horizontal	Pass
5**	13447.463	46.57	0.58	54.0	7.43	AV	360.00	150	Horizontal	Pass
6	15625.162	55.93	1.72	74.0	18.07	Peak	63.00	300	Horizontal	Pass
6**	15625.162	46.06	1.72	54.0	7.94	AV	63.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	50.94	-16.84	74.0	23.06	Peak	35.00	150	Vertical	Pass
1**	1707.900	48.56	-16.84	54.0	5.44	AV	35.00	150	Vertical	Pass
2	2418.200	105.65	-11.85	74.0	-31.65	Peak	354.00	200	Vertical	N/A
2**	2418.200	98.66	-11.85	54.0	-44.66	AV	354.00	200	Vertical	N/A
3	4981.000	51.57	-1.59	74.0	22.43	Peak	295.00	200	Vertical	Pass
3**	4981.000	42.67	-1.59	54.0	11.33	AV	295.00	200	Vertical	Pass
4	6609.000	54.72	0.34	74.0	19.28	Peak	199.00	100	Vertical	Pass
4**	6609.000	45.19	0.34	54.0	8.81	AV	199.00	100	Vertical	Pass
5	13436.438	55.71	0.43	74.0	18.29	Peak	0.00	150	Vertical	Pass
5**	13436.438	47.16	0.43	54.0	6.84	AV	0.00	150	Vertical	Pass
6	17179.426	55.86	0.66	74.0	18.14	Peak	212.00	300	Vertical	Pass
6**	17179.426	45.90	0.66	54.0	8.10	AV	212.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.600	51.97	-17.71	74.0	22.03	Peak	310.00	150	Horizontal	Pass
1**	1039.600	48.69	-17.71	54.0	5.31	AV	310.00	150	Horizontal	Pass
2	2431.700	107.46	-12.46	74.0	-33.46	Peak	310.00	100	Horizontal	N/A
2**	2431.700	100.09	-12.46	54.0	-46.09	AV	310.00	100	Horizontal	N/A
3	4876.000	50.77	-2.67	74.0	23.23	Peak	0.00	150	Horizontal	Pass
3**	4876.000	44.94	-2.67	54.0	9.06	AV	0.00	150	Horizontal	Pass
4	6808.800	54.33	1.62	74.0	19.67	Peak	346.00	400	Horizontal	Pass
4**	6808.800	45.87	1.62	54.0	8.13	AV	346.00	400	Horizontal	Pass
5	13434.075	56.02	0.41	74.0	17.98	Peak	105.00	150	Horizontal	Pass
5**	13434.075	46.26	0.41	54.0	7.74	AV	105.00	150	Horizontal	Pass
6	15867.975	56.05	0.70	74.0	17.95	Peak	24.00	100	Horizontal	Pass
6**	15867.975	46.16	0.70	54.0	7.84	AV	24.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	51.95	-16.82	74.0	22.05	Peak	30.00	150	Vertical	Pass
1**	1707.800	49.46	-16.82	54.0	4.54	AV	30.00	150	Vertical	Pass
2	2442.400	105.21	-12.39	74.0	-31.21	Peak	0.00	150	Vertical	N/A
2**	2442.400	98.36	-12.39	54.0	-44.36	AV	0.00	150	Vertical	N/A
3	4980.200	51.87	-1.58	74.0	22.13	Peak	71.00	100	Vertical	Pass
3**	4980.200	43.00	-1.58	54.0	11.00	AV	71.00	100	Vertical	Pass
4	6974.200	55.03	1.28	74.0	18.97	Peak	263.00	100	Vertical	Pass
4**	6974.200	45.67	1.28	54.0	8.33	AV	263.00	100	Vertical	Pass
5	13439.062	55.51	0.46	74.0	18.49	Peak	120.00	150	Vertical	Pass
5**	13439.062	47.12	0.46	54.0	6.88	AV	120.00	150	Vertical	Pass
6	17184.676	56.09	0.54	74.0	17.91	Peak	295.00	150	Vertical	Pass
6**	17184.676	45.97	0.54	54.0	8.03	AV	295.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.800	51.03	-17.70	74.0	22.97	Peak	297.00	150	Horizontal	Pass
1**	1039.800	50.15	-17.70	54.0	3.85	AV	297.00	150	Horizontal	Pass
2	2468.900	107.37	-11.70	74.0	-33.37	Peak	310.00	100	Horizontal	N/A
2**	2468.900	99.25	-11.70	54.0	-45.25	AV	310.00	100	Horizontal	N/A
3	3999.200	46.75	-4.57	74.0	27.25	Peak	248.00	150	Horizontal	Pass
3**	3999.200	42.57	-4.57	54.0	11.43	AV	248.00	150	Horizontal	Pass
4	6651.800	54.71	-0.78	74.0	19.29	Peak	96.00	400	Horizontal	Pass
4**	6651.800	45.62	-0.78	54.0	8.38	AV	96.00	400	Horizontal	Pass
5	13425.675	55.79	0.40	74.0	18.21	Peak	288.00	150	Horizontal	Pass
5**	13425.675	46.46	0.40	54.0	7.54	AV	288.00	150	Horizontal	Pass
6	15805.237	56.17	2.27	74.0	17.83	Peak	65.00	200	Horizontal	Pass
6**	15805.237	45.02	2.27	54.0	8.98	AV	65.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1708.000	50.67	-16.85	74.0	23.33	Peak	43.00	150	Vertical	Pass
1**	1708.000	48.63	-16.85	54.0	5.37	AV	43.00	150	Vertical	Pass
2	2469.400	105.64	-11.66	74.0	-31.64	Peak	0.00	150	Vertical	N/A
2**	2469.400	98.44	-11.66	54.0	-44.44	AV	0.00	150	Vertical	N/A
3	5322.000	52.94	-2.11	74.0	21.06	Peak	0.00	150	Vertical	Pass
3**	5322.000	42.11	-2.11	54.0	11.89	AV	0.00	150	Vertical	Pass
4	6804.200	54.49	1.64	74.0	19.51	Peak	170.00	400	Vertical	Pass
4**	6804.200	45.69	1.64	54.0	8.31	AV	170.00	400	Vertical	Pass
5	13376.062	55.47	0.67	74.0	18.53	Peak	360.00	150	Vertical	Pass
5**	13376.062	46.32	0.67	54.0	7.68	AV	360.00	150	Vertical	Pass
6	17437.725	56.11	3.13	74.0	17.89	Peak	87.00	100	Vertical	Pass
6**	17437.725	47.01	3.13	54.0	6.99	AV	87.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	52.13	-17.71	74.0	21.87	Peak	307.00	150	Horizontal	Pass
1**	1039.700	49.96	-17.71	54.0	4.04	AV	307.00	150	Horizontal	Pass
2	2405.400	108.53	-10.28	74.0	-34.53	Peak	313.00	150	Horizontal	N/A
2**	2405.400	100.95	-10.28	54.0	-46.95	AV	313.00	150	Horizontal	N/A
3	4824.600	52.17	-2.16	74.0	21.83	Peak	0.00	150	Horizontal	Pass
3**	4824.600	45.51	-2.16	54.0	8.49	AV	0.00	150	Horizontal	Pass
4	6973.200	55.00	1.11	74.0	19.00	Peak	257.00	400	Horizontal	Pass
4**	6973.200	45.17	1.11	54.0	8.83	AV	257.00	400	Horizontal	Pass
5	13436.963	55.55	0.44	74.0	18.45	Peak	196.00	150	Horizontal	Pass
5**	13436.963	46.63	0.44	54.0	7.37	AV	196.00	150	Horizontal	Pass
6	17405.962	55.97	3.34	74.0	18.03	Peak	129.00	300	Horizontal	Pass
6**	17405.962	46.43	3.34	54.0	7.57	AV	129.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.700	52.50	-16.80	74.0	21.50	Peak	43.00	150	Vertical	Pass
1**	1707.700	49.40	-16.80	54.0	4.60	AV	43.00	150	Vertical	Pass
2	2406.800	106.18	-10.30	74.0	-32.18	Peak	3.00	100	Vertical	N/A
2**	2406.800	99.63	-10.30	54.0	-45.63	AV	3.00	100	Vertical	N/A
3	4821.000	53.52	-2.12	74.0	20.48	Peak	270.00	150	Vertical	Pass
3**	4821.000	43.21	-2.12	54.0	10.79	AV	270.00	150	Vertical	Pass
4	6842.000	54.53	0.96	74.0	19.47	Peak	360.00	300	Vertical	Pass
4**	6842.000	45.00	0.96	54.0	9.00	AV	360.00	300	Vertical	Pass
5	13412.025	55.70	0.47	74.0	18.30	Peak	360.00	150	Vertical	Pass
5**	13412.025	47.25	0.47	54.0	6.75	AV	360.00	150	Vertical	Pass
6	15798.412	56.02	2.28	74.0	17.98	Peak	149.00	100	Vertical	Pass
6**	15798.412	46.39	2.28	54.0	7.61	AV	149.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	51.86	-17.71	74.0	22.14	Peak	290.00	150	Horizontal	Pass
1**	1039.500	48.92	-17.71	54.0	5.08	AV	290.00	150	Horizontal	Pass
2	2432.800	107.88	-12.34	74.0	-33.88	Peak	307.00	150	Horizontal	N/A
2**	2432.800	99.31	-12.34	54.0	-45.31	AV	307.00	150	Horizontal	N/A
3	4868.800	52.18	-2.49	74.0	21.82	Peak	0.00	150	Horizontal	Pass
3**	4868.800	42.67	-2.49	54.0	11.33	AV	0.00	150	Horizontal	Pass
4	6806.200	54.35	2.26	74.0	19.65	Peak	242.00	200	Horizontal	Pass
4**	6806.200	46.21	2.26	54.0	7.79	AV	242.00	200	Horizontal	Pass
5	13398.112	55.53	0.57	74.0	18.47	Peak	179.00	150	Horizontal	Pass
5**	13398.112	46.49	0.57	54.0	7.51	AV	179.00	150	Horizontal	Pass
6	17436.150	56.69	3.21	74.0	17.31	Peak	64.00	100	Horizontal	Pass
6**	17436.150	46.76	3.21	54.0	7.24	AV	64.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	50.75	-16.84	74.0	23.25	Peak	33.00	150	Vertical	Pass
1**	1707.900	48.29	-16.84	54.0	5.71	AV	33.00	150	Vertical	Pass
2	2431.700	105.36	-12.46	74.0	-31.36	Peak	360.00	200	Vertical	N/A
2**	2431.700	98.35	-12.46	54.0	-44.35	AV	360.00	200	Vertical	N/A
3	5079.400	52.35	-2.30	74.0	21.65	Peak	285.00	150	Vertical	Pass
3**	5079.400	42.38	-2.30	54.0	11.62	AV	285.00	150	Vertical	Pass
4	5982.400	54.49	-0.77	74.0	19.51	Peak	139.00	100	Vertical	Pass
4**	5982.400	44.21	-0.77	54.0	9.79	AV	139.00	100	Vertical	Pass
5	13326.975	54.94	0.93	74.0	19.06	Peak	254.00	150	Vertical	Pass
5**	13326.975	46.77	0.93	54.0	7.23	AV	254.00	150	Vertical	Pass
6	17466.864	56.42	2.90	74.0	17.58	Peak	186.00	200	Vertical	Pass
6**	17466.864	47.52	2.90	54.0	6.48	AV	186.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	51.59	-17.71	74.0	22.41	Peak	292.00	150	Horizontal	Pass
1**	1039.500	49.38	-17.71	54.0	4.62	AV	292.00	150	Horizontal	Pass
2	2468.300	107.59	-11.75	74.0	-33.59	Peak	299.00	150	Horizontal	N/A
2**	2468.300	100.52	-11.75	54.0	-46.52	AV	299.00	150	Horizontal	N/A
3	5167.600	52.86	-1.99	74.0	21.14	Peak	204.00	150	Horizontal	Pass
3**	5167.600	43.13	-1.99	54.0	10.87	AV	204.00	150	Horizontal	Pass
4	6610.800	55.51	0.74	74.0	18.49	Peak	93.00	100	Horizontal	Pass
4**	6610.800	46.10	0.74	54.0	7.90	AV	93.00	100	Horizontal	Pass
5	13436.701	55.35	0.43	74.0	18.65	Peak	340.00	150	Horizontal	Pass
5**	13436.701	46.32	0.43	54.0	7.68	AV	340.00	150	Horizontal	Pass
6	15858.263	55.98	1.02	74.0	18.02	Peak	296.00	400	Horizontal	Pass
6**	15858.263	46.27	1.02	54.0	7.73	AV	296.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	50.13	-16.84	74.0	23.87	Peak	35.00	150	Vertical	Pass
1**	1707.900	48.43	-16.84	54.0	5.57	AV	35.00	150	Vertical	Pass
2	2468.400	106.55	-11.74	74.0	-32.55	Peak	0.00	100	Vertical	N/A
2**	2468.400	98.71	-11.74	54.0	-44.71	AV	0.00	100	Vertical	N/A
3	5045.600	52.57	-1.85	74.0	21.43	Peak	71.00	150	Vertical	Pass
3**	5045.600	42.69	-1.85	54.0	11.31	AV	71.00	150	Vertical	Pass
4	6792.800	54.71	1.04	74.0	19.29	Peak	122.00	200	Vertical	Pass
4**	6792.800	45.96	1.04	54.0	8.04	AV	122.00	200	Vertical	Pass
5	13352.438	56.31	0.99	74.0	17.69	Peak	125.00	150	Vertical	Pass
5**	13352.438	45.70	0.99	54.0	8.30	AV	125.00	150	Vertical	Pass
6	17423.026	56.65	3.67	74.0	17.35	Peak	196.00	100	Vertical	Pass
6**	17423.026	47.36	3.67	54.0	6.64	AV	196.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	50.92	-17.71	74.0	23.08	Peak	297.00	150	Horizontal	Pass
1**	1039.700	49.08	-17.71	54.0	4.92	AV	297.00	150	Horizontal	Pass
2	2435.600	106.11	-12.14	74.0	-32.11	Peak	313.00	200	Horizontal	N/A
2**	2435.600	97.91	-12.14	54.0	-43.91	AV	313.00	200	Horizontal	N/A
3	4837.800	52.37	-2.70	74.0	21.63	Peak	11.00	150	Horizontal	Pass
3**	4837.800	42.79	-2.70	54.0	11.21	AV	11.00	150	Horizontal	Pass
4	6640.600	54.19	-0.95	74.0	19.81	Peak	190.00	300	Horizontal	Pass
4**	6640.600	45.51	-0.95	54.0	8.49	AV	190.00	300	Horizontal	Pass
5	13436.174	55.37	0.43	74.0	18.63	Peak	219.00	150	Horizontal	Pass
5**	13436.174	46.47	0.43	54.0	7.53	AV	219.00	150	Horizontal	Pass
6	16497.974	56.81	0.85	74.0	17.19	Peak	339.00	200	Horizontal	Pass
6**	16497.974	46.74	0.85	54.0	7.26	AV	339.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	51.62	-16.84	74.0	22.38	Peak	34.00	150	Vertical	Pass
1**	1707.900	49.44	-16.84	54.0	4.56	AV	34.00	150	Vertical	Pass
2	2405.000	103.38	-10.15	74.0	-29.38	Peak	1.00	150	Vertical	N/A
2**	2405.000	95.46	-10.15	54.0	-41.46	AV	1.00	150	Vertical	N/A
3	5542.600	53.05	-1.70	74.0	20.95	Peak	86.00	150	Vertical	Pass
3**	5542.600	43.15	-1.70	54.0	10.85	AV	86.00	150	Vertical	Pass
4	6805.000	54.47	1.87	74.0	19.53	Peak	46.00	200	Vertical	Pass
4**	6805.000	45.51	1.87	54.0	8.49	AV	46.00	200	Vertical	Pass
5	13316.737	56.00	0.89	74.0	18.00	Peak	149.00	150	Vertical	Pass
5**	13316.737	46.81	0.89	54.0	7.19	AV	149.00	150	Vertical	Pass
6	16018.388	56.42	0.51	74.0	17.58	Peak	348.00	300	Vertical	Pass
6**	16018.388	45.73	0.51	54.0	8.27	AV	348.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.600	50.83	-17.71	74.0	23.17	Peak	297.00	150	Horizontal	Pass
1**	1039.600	48.70	-17.71	54.0	5.30	AV	297.00	150	Horizontal	Pass
2	2438.700	105.21	-12.27	74.0	-31.21	Peak	310.00	100	Horizontal	N/A
2**	2438.700	96.50	-12.27	54.0	-42.50	AV	310.00	100	Horizontal	N/A
3	5510.200	53.25	-0.88	74.0	20.75	Peak	49.00	150	Horizontal	Pass
3**	5510.200	44.33	-0.88	54.0	9.67	AV	49.00	150	Horizontal	Pass
4	6802.600	55.07	1.55	74.0	18.93	Peak	277.00	200	Horizontal	Pass
4**	6802.600	45.20	1.55	54.0	8.80	AV	277.00	200	Horizontal	Pass
5	13401.000	55.81	0.53	74.0	18.19	Peak	323.00	150	Horizontal	Pass
5**	13401.000	46.49	0.53	54.0	7.51	AV	323.00	150	Horizontal	Pass
6	15665.588	56.12	1.35	74.0	17.88	Peak	106.00	200	Horizontal	Pass
6**	15665.588	46.16	1.35	54.0	7.84	AV	106.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	51.54	-16.82	74.0	22.46	Peak	29.00	150	Vertical	Pass
1**	1707.800	49.09	-16.82	54.0	4.91	AV	29.00	150	Vertical	Pass
2	2438.600	102.89	-12.25	74.0	-28.89	Peak	0.00	100	Vertical	N/A
2**	2438.600	95.23	-12.25	54.0	-41.23	AV	0.00	100	Vertical	N/A
3	4792.600	51.37	-2.88	74.0	22.63	Peak	0.00	150	Vertical	Pass
3**	4792.600	42.37	-2.88	54.0	11.63	AV	0.00	150	Vertical	Pass
4	6993.400	54.84	1.92	74.0	19.16	Peak	349.00	300	Vertical	Pass
4**	6993.400	45.86	1.92	54.0	8.14	AV	349.00	300	Vertical	Pass
5	13323.300	55.70	0.92	74.0	18.30	Peak	82.00	150	Vertical	Pass
5**	13323.300	46.36	0.92	54.0	7.64	AV	82.00	150	Vertical	Pass
6	15791.588	56.34	2.06	74.0	17.66	Peak	123.00	100	Vertical	Pass
6**	15791.588	46.55	2.06	54.0	7.45	AV	123.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.600	51.27	-17.71	74.0	22.73	Peak	293.00	150	Horizontal	Pass
1**	1039.600	49.29	-17.71	54.0	4.71	AV	293.00	150	Horizontal	Pass
2	2437.800	105.19	-12.15	74.0	-31.19	Peak	306.00	200	Horizontal	N/A
2**	2437.800	97.60	-12.15	54.0	-43.60	AV	306.00	200	Horizontal	N/A
3	4941.800	51.93	-2.21	74.0	22.07	Peak	360.00	150	Horizontal	Pass
3**	4941.800	42.70	-2.21	54.0	11.30	AV	360.00	150	Horizontal	Pass
4	6153.000	54.39	0.34	74.0	19.61	Peak	173.00	300	Horizontal	Pass
4**	6153.000	44.99	0.34	54.0	9.01	AV	173.00	300	Horizontal	Pass
5	13286.025	55.64	0.76	74.0	18.36	Peak	176.00	150	Horizontal	Pass
5**	13286.025	46.33	0.76	54.0	7.67	AV	176.00	150	Horizontal	Pass
6	16034.400	56.37	0.75	74.0	17.63	Peak	152.00	100	Horizontal	Pass
6**	16034.400	46.43	0.75	54.0	7.57	AV	152.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	51.56	-16.84	74.0	22.44	Peak	36.00	150	Vertical	Pass
1**	1707.900	48.23	-16.84	54.0	5.77	AV	36.00	150	Vertical	Pass
2	2436.800	103.12	-12.13	74.0	-29.12	Peak	360.00	100	Vertical	N/A
2**	2436.800	96.10	-12.13	54.0	-42.10	AV	360.00	100	Vertical	N/A
3	4381.800	47.34	-3.63	74.0	26.66	Peak	83.00	150	Vertical	Pass
3**	4381.800	42.80	-3.63	54.0	11.20	AV	83.00	150	Vertical	Pass
4	6612.000	55.45	0.57	74.0	18.55	Peak	180.00	200	Vertical	Pass
4**	6612.000	45.61	0.57	54.0	8.39	AV	180.00	200	Vertical	Pass
5	13416.225	55.68	0.41	74.0	18.32	Peak	249.00	400	Vertical	Pass
5**	13416.225	46.96	0.41	54.0	7.04	AV	249.00	400	Vertical	Pass
6	15397.049	55.76	0.70	74.0	18.24	Peak	304.00	150	Vertical	Pass
6**	15397.049	45.98	0.70	54.0	8.02	AV	304.00	150	Vertical	Pass

Antenna 2

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	54.38	-17.71	74.0	19.62	Peak	298.00	150	Horizontal	Pass
1**	1039.500	50.99	-17.71	54.0	3.01	AV	298.00	150	Horizontal	Pass
2	2412.000	105.92	-10.68	74.0	-31.92	Peak	341.00	100	Horizontal	N/A
2**	2412.000	101.95	-10.68	54.0	-47.95	AV	341.00	100	Horizontal	N/A
3	4824.000	50.95	-1.97	74.0	23.05	Peak	348.00	150	Horizontal	Pass
3**	4824.000	47.32	-1.97	54.0	6.68	AV	348.00	150	Horizontal	Pass
4	6808.600	54.84	1.64	74.0	19.16	Peak	10.00	100	Horizontal	Pass
4**	6808.600	45.23	1.64	54.0	8.77	AV	10.00	100	Horizontal	Pass
5	13407.037	55.55	0.53	74.0	18.45	Peak	71.00	150	Horizontal	Pass
5**	13407.037	47.10	0.53	54.0	6.90	AV	71.00	150	Horizontal	Pass
6	17438.251	56.24	3.10	74.0	17.76	Peak	71.00	200	Horizontal	Pass
6**	17438.251	47.81	3.10	54.0	6.19	AV	71.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	51.68	-16.82	74.0	22.32	Peak	35.00	150	Vertical	Pass
1**	1707.800	48.68	-16.82	54.0	5.32	AV	35.00	150	Vertical	Pass
2	2411.900	102.51	-10.67	74.0	-28.51	Peak	42.00	150	Vertical	N/A
2**	2411.900	98.45	-10.67	54.0	-44.45	AV	42.00	150	Vertical	N/A
3	4824.200	52.42	-2.04	74.0	21.58	Peak	0.00	200	Vertical	Pass
3**	4824.200	47.29	-2.04	54.0	6.71	AV	0.00	200	Vertical	Pass
4	4824.400	51.98	-2.10	74.0	22.02	Peak	0.00	150	Vertical	Pass
4**	4824.400	47.34	-2.10	54.0	6.66	AV	0.00	150	Vertical	Pass
5	13438.537	56.40	0.45	74.0	17.60	Peak	332.00	300	Vertical	Pass
5**	13438.537	46.39	0.45	54.0	7.61	AV	332.00	300	Vertical	Pass
6	16012.875	55.64	0.46	74.0	18.36	Peak	228.00	150	Vertical	Pass
6**	16012.875	45.64	0.46	54.0	8.36	AV	228.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.400	53.45	-17.72	74.0	20.55	Peak	302.00	150	Horizontal	Pass
1**	1039.400	50.70	-17.72	54.0	3.30	AV	302.00	150	Horizontal	Pass
2	2437.000	105.34	-12.13	74.0	-31.34	Peak	340.00	200	Horizontal	N/A
2**	2437.000	100.76	-12.13	54.0	-46.76	AV	340.00	200	Horizontal	N/A
3	4874.400	51.10	-2.66	74.0	22.90	Peak	306.00	150	Horizontal	Pass
3**	4874.400	47.15	-2.66	54.0	6.85	AV	306.00	150	Horizontal	Pass
4	6976.600	55.20	1.66	74.0	18.80	Peak	360.00	100	Horizontal	Pass
4**	6976.600	45.95	1.66	54.0	8.05	AV	360.00	100	Horizontal	Pass
5	13332.487	55.39	0.97	74.0	18.61	Peak	312.00	150	Horizontal	Pass
5**	13332.487	46.43	0.97	54.0	7.57	AV	312.00	150	Horizontal	Pass
6	15674.250	56.27	1.52	74.0	17.73	Peak	292.00	300	Horizontal	Pass
6**	15674.250	46.88	1.52	54.0	7.12	AV	292.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1410.600	51.55	-17.00	74.0	22.45	Peak	298.00	100	Vertical	Pass
1**	1410.600	44.70	-17.00	54.0	9.30	AV	298.00	100	Vertical	Pass
2	2436.900	103.40	-12.13	74.0	-29.40	Peak	42.00	150	Vertical	N/A
2**	2436.900	98.54	-12.13	54.0	-44.54	AV	42.00	150	Vertical	N/A
3	4874.000	53.04	-2.66	74.0	20.96	Peak	12.00	100	Vertical	Pass
3**	4874.000	48.37	-2.66	54.0	5.63	AV	12.00	100	Vertical	Pass
4	4874.200	51.59	-2.66	74.0	22.41	Peak	310.00	150	Vertical	Pass
4**	4874.200	48.57	-2.66	54.0	5.43	AV	310.00	150	Vertical	Pass
5	13330.650	55.64	0.94	74.0	18.36	Peak	193.00	150	Vertical	Pass
5**	13330.650	46.85	0.94	54.0	7.15	AV	193.00	150	Vertical	Pass
6	15842.775	56.39	1.40	74.0	17.61	Peak	22.00	300	Vertical	Pass
6**	15842.775	46.72	1.40	54.0	7.28	AV	22.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.800	54.10	-17.70	74.0	19.90	Peak	309.00	150	Horizontal	Pass
1**	1039.800	50.89	-17.70	54.0	3.11	AV	309.00	150	Horizontal	Pass
2	2462.100	105.49	-11.91	74.0	-31.49	Peak	335.00	150	Horizontal	N/A
2**	2462.100	101.16	-11.91	54.0	-47.16	AV	335.00	150	Horizontal	N/A
3	4924.400	51.44	-2.42	74.0	22.56	Peak	284.00	150	Horizontal	Pass
3**	4924.400	48.61	-2.42	54.0	5.39	AV	284.00	150	Horizontal	Pass
4	6514.600	55.16	-0.40	74.0	18.84	Peak	55.00	300	Horizontal	Pass
4**	6514.600	44.93	-0.40	54.0	9.07	AV	55.00	300	Horizontal	Pass
5	13449.562	55.71	0.60	74.0	18.29	Peak	173.00	150	Horizontal	Pass
5**	13449.562	46.94	0.60	54.0	7.06	AV	173.00	150	Horizontal	Pass
6	15650.099	56.25	1.18	74.0	17.75	Peak	351.00	200	Horizontal	Pass
6**	15650.099	47.36	1.18	54.0	6.64	AV	351.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1708.000	51.33	-16.85	74.0	22.67	Peak	39.00	150	Vertical	Pass
1**	1708.000	48.59	-16.85	54.0	5.41	AV	39.00	150	Vertical	Pass
2	2462.100	103.66	-11.91	74.0	-29.66	Peak	45.00	200	Vertical	N/A
2**	2462.100	99.28	-11.91	54.0	-45.28	AV	45.00	200	Vertical	N/A
3	4924.000	53.75	-2.42	74.0	20.25	Peak	0.00	150	Vertical	Pass
3**	4924.000	49.69	-2.42	54.0	4.31	AV	0.00	150	Vertical	Pass
4	4924.200	52.87	-2.42	74.0	21.13	Peak	0.00	150	Vertical	Pass
4**	4924.200	49.98	-2.42	54.0	4.02	AV	0.00	150	Vertical	Pass
5	13434.338	55.36	0.42	74.0	18.64	Peak	84.00	150	Vertical	Pass
5**	13434.338	46.03	0.42	54.0	7.97	AV	84.00	150	Vertical	Pass
6	17432.474	55.96	3.36	74.0	18.04	Peak	360.00	100	Vertical	Pass
6**	17432.474	47.42	3.36	54.0	6.58	AV	360.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	52.86	-17.71	74.0	21.14	Peak	293.00	150	Horizontal	Pass
1**	1039.700	50.61	-17.71	54.0	3.39	AV	293.00	150	Horizontal	Pass
2	2406.700	107.59	-10.31	74.0	-33.59	Peak	31.00	150	Horizontal	N/A
2**	2406.700	100.85	-10.31	54.0	-46.85	AV	31.00	150	Horizontal	N/A
3	4822.400	51.67	-2.10	74.0	22.33	Peak	352.00	200	Horizontal	Pass
3**	4822.400	43.28	-2.10	54.0	10.72	AV	352.00	200	Horizontal	Pass
4	6536.800	54.60	-0.54	74.0	19.40	Peak	125.00	100	Horizontal	Pass
4**	6536.800	43.96	-0.54	54.0	10.04	AV	125.00	100	Horizontal	Pass
5	13275.263	55.64	0.70	74.0	18.36	Peak	140.00	150	Horizontal	Pass
5**	13275.263	45.25	0.70	54.0	8.75	AV	140.00	150	Horizontal	Pass
6	17430.637	56.51	3.43	74.0	17.49	Peak	240.00	400	Horizontal	Pass
6**	17430.637	47.02	3.43	54.0	6.98	AV	240.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	51.34	-16.84	74.0	22.66	Peak	39.00	150	Vertical	Pass
1**	1707.900	49.19	-16.84	54.0	4.81	AV	39.00	150	Vertical	Pass
2	2418.500	104.83	-11.91	74.0	-30.83	Peak	46.00	200	Vertical	N/A
2**	2418.500	97.42	-11.91	54.0	-43.42	AV	46.00	200	Vertical	N/A
3	2998.700	52.03	-9.21	74.0	21.97	Peak	174.00	200	Vertical	Pass
3**	2998.700	42.96	-9.21	54.0	11.04	AV	174.00	200	Vertical	Pass
4	6508.600	55.13	-0.65	74.0	18.87	Peak	0.00	400	Vertical	Pass
4**	6508.600	45.32	-0.65	54.0	8.68	AV	0.00	400	Vertical	Pass
5	13407.300	55.31	0.53	74.0	18.69	Peak	46.00	150	Vertical	Pass
5**	13407.300	46.58	0.53	54.0	7.42	AV	46.00	150	Vertical	Pass
6	17426.438	56.24	3.57	74.0	17.76	Peak	27.00	300	Vertical	Pass
6**	17426.438	46.77	3.57	54.0	7.23	AV	27.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.600	53.00	-17.71	74.0	21.00	Peak	303.00	150	Horizontal	Pass
1**	1039.600	50.80	-17.71	54.0	3.20	AV	303.00	150	Horizontal	Pass
2	1782.400	54.64	-16.26	74.0	19.36	Peak	271.00	150	Horizontal	Pass
2**	1782.400	43.81	-16.26	54.0	10.19	AV	271.00	150	Horizontal	Pass
3	2433.700	106.84	-12.25	74.0	-32.84	Peak	337.00	150	Horizontal	N/A
3**	2433.700	99.82	-12.25	54.0	-45.82	AV	337.00	150	Horizontal	N/A
4	4810.000	51.57	-2.12	74.0	22.43	Peak	52.00	150	Horizontal	Pass
4**	4810.000	42.06	-2.12	54.0	11.94	AV	52.00	150	Horizontal	Pass
5	13430.138	55.94	0.40	74.0	18.06	Peak	360.00	150	Horizontal	Pass
5**	13430.138	45.87	0.40	54.0	8.13	AV	360.00	150	Horizontal	Pass
6	17457.150	56.67	2.84	74.0	17.33	Peak	189.00	100	Horizontal	Pass
6**	17457.150	47.05	2.84	54.0	6.95	AV	189.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1262.200	50.60	-17.10	74.0	23.40	Peak	0.00	150	Vertical	Pass
1**	1262.200	47.97	-17.10	54.0	6.03	AV	0.00	150	Vertical	Pass
2	2432.300	104.61	-12.39	74.0	-30.61	Peak	39.00	150	Vertical	N/A
2**	2432.300	97.44	-12.39	54.0	-43.44	AV	39.00	150	Vertical	N/A
3	4875.600	52.43	-2.67	74.0	21.57	Peak	0.00	150	Vertical	Pass
3**	4875.600	44.25	-2.67	54.0	9.75	AV	0.00	150	Vertical	Pass
4	6793.400	54.79	1.11	74.0	19.21	Peak	69.00	200	Vertical	Pass
4**	6793.400	45.91	1.11	54.0	8.09	AV	69.00	200	Vertical	Pass
5	13336.424	55.18	1.02	74.0	18.82	Peak	360.00	150	Vertical	Pass
5**	13336.424	46.03	1.02	54.0	7.97	AV	360.00	150	Vertical	Pass
6	16090.575	56.17	1.42	74.0	17.83	Peak	235.00	400	Vertical	Pass
6**	16090.575	46.85	1.42	54.0	7.15	AV	235.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	52.83	-17.71	74.0	21.17	Peak	298.00	150	Horizontal	Pass
1**	1039.500	50.89	-17.71	54.0	3.11	AV	298.00	150	Horizontal	Pass
2	4920.400	51.89	-2.55	74.0	22.11	Peak	315.00	150	Horizontal	Pass
2**	4920.400	43.91	-2.55	54.0	10.09	AV	315.00	150	Horizontal	Pass
3	2467.500	107.22	-11.81	74.0	-33.22	Peak	339.00	150	Horizontal	N/A
3**	2467.500	99.79	-11.81	54.0	-45.79	AV	339.00	150	Horizontal	N/A
4	6821.000	54.78	0.34	74.0	19.22	Peak	205.00	200	Horizontal	Pass
4**	6821.000	44.96	0.34	54.0	9.04	AV	205.00	200	Horizontal	Pass
5	13339.837	55.65	1.06	74.0	18.35	Peak	0.00	150	Horizontal	Pass
5**	13339.837	46.16	1.06	54.0	7.84	AV	0.00	150	Horizontal	Pass
6	15516.225	55.77	1.39	74.0	18.23	Peak	109.00	200	Horizontal	Pass
6**	15516.225	46.76	1.39	54.0	7.24	AV	109.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	50.66	-16.84	74.0	23.34	Peak	39.00	150	Vertical	Pass
1**	1707.900	48.60	-16.84	54.0	5.40	AV	39.00	150	Vertical	Pass
2	2467.400	105.46	-11.82	74.0	-31.46	Peak	39.00	150	Vertical	N/A
2**	2467.400	97.83	-11.82	54.0	-43.83	AV	39.00	150	Vertical	N/A
3	4926.000	51.10	-2.39	74.0	22.90	Peak	360.00	150	Vertical	Pass
3**	4926.000	45.30	-2.39	54.0	8.70	AV	360.00	150	Vertical	Pass
4	6808.600	55.06	1.64	74.0	18.94	Peak	258.00	200	Vertical	Pass
4**	6808.600	45.27	1.64	54.0	8.73	AV	258.00	200	Vertical	Pass
5	13369.763	55.90	0.70	74.0	18.10	Peak	117.00	150	Vertical	Pass
5**	13369.763	47.02	0.70	54.0	6.98	AV	117.00	150	Vertical	Pass
6	15809.438	55.95	2.18	74.0	18.05	Peak	300.00	200	Vertical	Pass
6**	15809.438	46.07	2.18	54.0	7.93	AV	300.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	53.96	-17.71	74.0	20.04	Peak	303.00	150	Horizontal	Pass
1**	1039.500	51.00	-17.71	54.0	3.00	AV	303.00	150	Horizontal	Pass
2	2406.700	107.42	-10.31	74.0	-33.42	Peak	346.00	100	Horizontal	N/A
2**	2406.700	100.11	-10.31	54.0	-46.11	AV	346.00	100	Horizontal	N/A
3	2771.600	51.97	-8.52	74.0	22.03	Peak	0.00	150	Horizontal	Pass
3**	2771.600	42.63	-8.52	54.0	11.37	AV	0.00	150	Horizontal	Pass
4	6626.600	54.67	0.24	74.0	19.33	Peak	278.00	400	Horizontal	Pass
4**	6626.600	45.31	0.24	54.0	8.69	AV	278.00	400	Horizontal	Pass
5	13430.400	55.14	0.40	74.0	18.86	Peak	235.00	150	Horizontal	Pass
5**	13430.400	46.52	0.40	54.0	7.48	AV	235.00	150	Horizontal	Pass
6	17409.374	56.10	3.43	74.0	17.90	Peak	171.00	200	Horizontal	Pass
6**	17409.374	47.09	3.43	54.0	6.91	AV	171.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	51.23	-16.82	74.0	22.77	Peak	27.00	150	Vertical	Pass
1**	1707.800	48.85	-16.82	54.0	5.15	AV	27.00	150	Vertical	Pass
2	2406.500	104.72	-10.32	74.0	-30.72	Peak	40.00	200	Vertical	N/A
2**	2406.500	97.31	-10.32	54.0	-43.31	AV	40.00	200	Vertical	N/A
3	4824.000	51.72	-1.97	74.0	22.28	Peak	0.00	200	Vertical	Pass
3**	4824.000	42.83	-1.97	54.0	11.17	AV	0.00	200	Vertical	Pass
4	6154.600	54.54	0.27	74.0	19.46	Peak	142.00	200	Vertical	Pass
4**	6154.600	45.03	0.27	54.0	8.97	AV	142.00	200	Vertical	Pass
5	13412.025	55.34	0.47	74.0	18.66	Peak	77.00	150	Vertical	Pass
5**	13412.025	46.42	0.47	54.0	7.58	AV	77.00	150	Vertical	Pass
6	17421.976	56.84	3.70	74.0	17.16	Peak	0.00	100	Vertical	Pass
6**	17421.976	47.56	3.70	54.0	6.44	AV	0.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	52.69	-17.71	74.0	21.31	Peak	304.00	150	Horizontal	Pass
1**	1039.500	50.92	-17.71	54.0	3.08	AV	304.00	150	Horizontal	Pass
2	2433.000	106.98	-12.31	74.0	-32.98	Peak	341.00	100	Horizontal	N/A
2**	2433.000	99.84	-12.31	54.0	-45.84	AV	341.00	100	Horizontal	N/A
3	4880.200	52.14	-2.69	74.0	21.86	Peak	357.00	150	Horizontal	Pass
3**	4880.200	42.24	-2.69	54.0	11.76	AV	357.00	150	Horizontal	Pass
4	6790.200	54.75	0.72	74.0	19.25	Peak	228.00	400	Horizontal	Pass
4**	6790.200	45.94	0.72	54.0	8.06	AV	228.00	400	Horizontal	Pass
5	13318.050	55.97	0.90	74.0	18.03	Peak	279.00	150	Horizontal	Pass
5**	13318.050	47.05	0.90	54.0	6.95	AV	279.00	150	Horizontal	Pass
6	17346.376	56.22	1.76	74.0	17.78	Peak	124.00	200	Horizontal	Pass
6**	17346.376	46.31	1.76	54.0	7.69	AV	124.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	52.13	-16.82	74.0	21.87	Peak	32.00	150	Vertical	Pass
1**	1707.800	48.50	-16.82	54.0	5.50	AV	32.00	150	Vertical	Pass
2	2430.300	105.17	-12.47	74.0	-31.17	Peak	47.00	200	Vertical	N/A
2**	2430.300	97.90	-12.47	54.0	-43.90	AV	47.00	200	Vertical	N/A
3	4874.200	49.76	-2.66	74.0	24.24	Peak	0.00	150	Vertical	Pass
3**	4874.200	44.92	-2.66	54.0	9.08	AV	0.00	150	Vertical	Pass
4	6806.400	54.83	2.33	74.0	19.17	Peak	298.00	300	Vertical	Pass
4**	6806.400	45.80	2.33	54.0	8.20	AV	298.00	300	Vertical	Pass
5	13441.424	55.53	0.50	74.0	18.47	Peak	332.00	150	Vertical	Pass
5**	13441.424	46.12	0.50	54.0	7.88	AV	332.00	150	Vertical	Pass
6	17433.000	56.21	3.34	74.0	17.79	Peak	259.00	200	Vertical	Pass
6**	17433.000	46.99	3.34	54.0	7.01	AV	259.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	53.46	-17.71	74.0	20.54	Peak	303.00	150	Horizontal	Pass
1**	1039.500	50.93	-17.71	54.0	3.07	AV	303.00	150	Horizontal	Pass
2	2468.500	107.42	-11.73	74.0	-33.42	Peak	342.00	100	Horizontal	N/A
2**	2468.500	99.69	-11.73	54.0	-45.69	AV	342.00	100	Horizontal	N/A
3	4929.000	52.96	-2.45	74.0	21.04	Peak	302.00	150	Horizontal	Pass
3**	4929.000	42.62	-2.45	54.0	11.38	AV	302.00	150	Horizontal	Pass
4	6655.200	54.68	-0.20	74.0	19.32	Peak	360.00	150	Horizontal	Pass
4**	6655.200	45.02	-0.20	54.0	8.98	AV	360.00	150	Horizontal	Pass
5	13330.125	55.84	0.94	74.0	18.16	Peak	84.00	150	Horizontal	Pass
5**	13330.125	46.50	0.94	54.0	7.50	AV	84.00	150	Horizontal	Pass
6	17423.813	56.26	3.65	74.0	17.74	Peak	39.00	200	Horizontal	Pass
6**	17423.813	47.52	3.65	54.0	6.48	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.900	51.21	-16.84	74.0	22.79	Peak	32.00	150	Vertical	Pass
1**	1707.900	48.63	-16.84	54.0	5.37	AV	32.00	150	Vertical	Pass
2	2457.500	105.38	-12.04	74.0	-31.38	Peak	39.00	150	Vertical	N/A
2**	2457.500	97.63	-12.04	54.0	-43.63	AV	39.00	150	Vertical	N/A
3	4923.000	50.54	-2.44	74.0	23.46	Peak	11.00	150	Vertical	Pass
3**	4923.000	45.82	-2.44	54.0	8.18	AV	11.00	150	Vertical	Pass
4	6610.400	55.07	0.65	74.0	18.93	Peak	343.00	400	Vertical	Pass
4**	6610.400	45.22	0.65	54.0	8.78	AV	343.00	400	Vertical	Pass
5	13410.187	55.62	0.50	74.0	18.38	Peak	181.00	150	Vertical	Pass
5**	13410.187	46.24	0.50	54.0	7.76	AV	181.00	150	Vertical	Pass
6	17362.651	56.21	2.28	74.0	17.79	Peak	360.00	200	Vertical	Pass
6**	17362.651	46.28	2.28	54.0	7.72	AV	360.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	53.74	-17.71	74.0	20.26	Peak	301.00	150	Horizontal	Pass
1**	1039.700	50.89	-17.71	54.0	3.11	AV	301.00	150	Horizontal	Pass
2	2435.200	104.74	-12.16	74.0	-30.74	Peak	339.00	100	Horizontal	N/A
2**	2435.200	97.14	-12.16	54.0	-43.14	AV	339.00	100	Horizontal	N/A
3	5496.800	52.81	-1.57	74.0	21.19	Peak	337.00	150	Horizontal	Pass
3**	5496.800	43.64	-1.57	54.0	10.36	AV	337.00	150	Horizontal	Pass
4	6799.800	54.62	1.38	74.0	19.38	Peak	22.00	100	Horizontal	Pass
4**	6799.800	45.40	1.38	54.0	8.60	AV	22.00	100	Horizontal	Pass
5	13304.662	55.73	0.87	74.0	18.27	Peak	233.00	150	Horizontal	Pass
5**	13304.662	46.49	0.87	54.0	7.51	AV	233.00	150	Horizontal	Pass
6	17422.500	56.72	3.69	74.0	17.28	Peak	0.00	300	Horizontal	Pass
6**	17422.500	46.93	3.69	54.0	7.07	AV	0.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1707.800	51.54	-16.82	74.0	22.46	Peak	35.00	150	Vertical	Pass
1**	1707.800	48.44	-16.82	54.0	5.56	AV	35.00	150	Vertical	Pass
2	2434.900	102.19	-12.17	74.0	-28.19	Peak	43.00	100	Vertical	N/A
2**	2434.900	95.06	-12.17	54.0	-41.06	AV	43.00	100	Vertical	N/A
3	4847.600	51.59	-2.70	74.0	22.41	Peak	158.00	150	Vertical	Pass
3**	4847.600	42.97	-2.70	54.0	11.03	AV	158.00	150	Vertical	Pass
4	6793.400	54.61	1.11	74.0	19.39	Peak	192.00	300	Vertical	Pass
4**	6793.400	46.61	1.11	54.0	7.39	AV	192.00	300	Vertical	Pass
5	13424.362	55.47	0.40	74.0	18.53	Peak	113.00	150	Vertical	Pass
5**	13424.362	46.08	0.40	54.0	7.92	AV	113.00	150	Vertical	Pass
6	17428.537	57.18	3.50	74.0	16.82	Peak	360.00	100	Vertical	Pass
6**	17428.537	46.87	3.50	54.0	7.13	AV	360.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.700	53.68	-17.71	74.0	20.32	Peak	304.00	150	Horizontal	Pass
1**	1039.700	50.98	-17.71	54.0	3.02	AV	304.00	150	Horizontal	Pass
2	2424.800	104.29	-12.59	74.0	-30.29	Peak	344.00	200	Horizontal	N/A
2**	2424.800	96.55	-12.59	54.0	-42.55	AV	344.00	200	Horizontal	N/A
3	4799.000	51.60	-2.94	74.0	22.40	Peak	134.00	150	Horizontal	Pass
3**	4799.000	41.88	-2.94	54.0	12.12	AV	134.00	150	Horizontal	Pass
4	6975.000	54.24	1.41	74.0	19.76	Peak	134.00	300	Horizontal	Pass
4**	6975.000	45.46	1.41	54.0	8.54	AV	134.00	300	Horizontal	Pass
5	13407.037	55.57	0.53	74.0	18.43	Peak	157.00	150	Horizontal	Pass
5**	13407.037	46.68	0.53	54.0	7.32	AV	157.00	150	Horizontal	Pass
6	17403.863	55.70	3.29	74.0	18.30	Peak	241.00	200	Horizontal	Pass
6**	17403.863	46.43	3.29	54.0	7.57	AV	241.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1708.100	51.01	-16.87	74.0	22.99	Peak	36.00	150	Vertical	Pass
1**	1708.100	48.32	-16.87	54.0	5.68	AV	36.00	150	Vertical	Pass
2	2433.500	101.98	-12.27	74.0	-27.98	Peak	42.00	200	Vertical	N/A
2**	2433.500	94.47	-12.27	54.0	-40.47	AV	42.00	200	Vertical	N/A
3	5159.000	52.11	-1.47	74.0	21.89	Peak	337.00	150	Vertical	Pass
3**	5159.000	42.82	-1.47	54.0	11.18	AV	337.00	150	Vertical	Pass
4	6996.000	54.44	1.55	74.0	19.56	Peak	179.00	100	Vertical	Pass
4**	6996.000	44.78	1.55	54.0	9.22	AV	179.00	100	Vertical	Pass
5	13265.812	56.00	0.68	74.0	18.00	Peak	98.00	100	Vertical	Pass
5**	13265.812	45.17	0.68	54.0	8.83	AV	98.00	100	Vertical	Pass
6	15233.512	55.05	0.98	74.0	18.95	Peak	0.00	150	Vertical	Pass
6**	15233.512	46.67	0.98	54.0	7.33	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.500	53.12	-17.71	74.0	20.88	Peak	305.00	150	Horizontal	Pass
1**	1039.500	50.95	-17.71	54.0	3.05	AV	305.00	150	Horizontal	Pass
2	2467.200	104.27	-11.83	74.0	-30.27	Peak	335.00	200	Horizontal	N/A
2**	2467.200	95.89	-11.83	54.0	-41.89	AV	335.00	200	Horizontal	N/A
3	5498.000	52.74	-1.60	74.0	21.26	Peak	55.00	150	Horizontal	Pass
3**	5498.000	43.82	-1.60	54.0	10.18	AV	55.00	150	Horizontal	Pass
4	6978.400	54.69	1.83	74.0	19.31	Peak	93.00	300	Horizontal	Pass
4**	6978.400	46.65	1.83	54.0	7.35	AV	93.00	300	Horizontal	Pass
5	13448.513	55.98	0.59	74.0	18.02	Peak	73.00	150	Horizontal	Pass
5**	13448.513	47.31	0.59	54.0	6.69	AV	73.00	150	Horizontal	Pass
6	17416.989	56.26	3.69	74.0	17.74	Peak	349.00	400	Horizontal	Pass
6**	17416.989	47.29	3.69	54.0	6.71	AV	349.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1708.000	50.87	-16.85	74.0	23.13	Peak	34.00	150	Vertical	Pass
1**	1708.000	48.10	-16.85	54.0	5.90	AV	34.00	150	Vertical	Pass
2	2465.700	102.50	-11.87	74.0	-28.50	Peak	40.00	100	Vertical	N/A
2**	2465.700	95.64	-11.87	54.0	-41.64	AV	40.00	100	Vertical	N/A
3	4917.800	51.36	-2.91	74.0	22.64	Peak	360.00	150	Vertical	Pass
3**	4917.800	42.50	-2.91	54.0	11.50	AV	360.00	150	Vertical	Pass
4	6809.800	54.48	1.52	74.0	19.52	Peak	290.00	400	Vertical	Pass
4**	6809.800	45.16	1.52	54.0	8.84	AV	290.00	400	Vertical	Pass
5	13342.725	56.01	1.05	74.0	17.99	Peak	116.00	150	Vertical	Pass
5**	13342.725	45.90	1.05	54.0	8.10	AV	116.00	150	Vertical	Pass
6	17472.113	56.69	2.87	74.0	17.31	Peak	164.00	200	Vertical	Pass
6**	17472.113	47.20	2.87	54.0	6.80	AV	164.00	200	Vertical	Pass

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

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

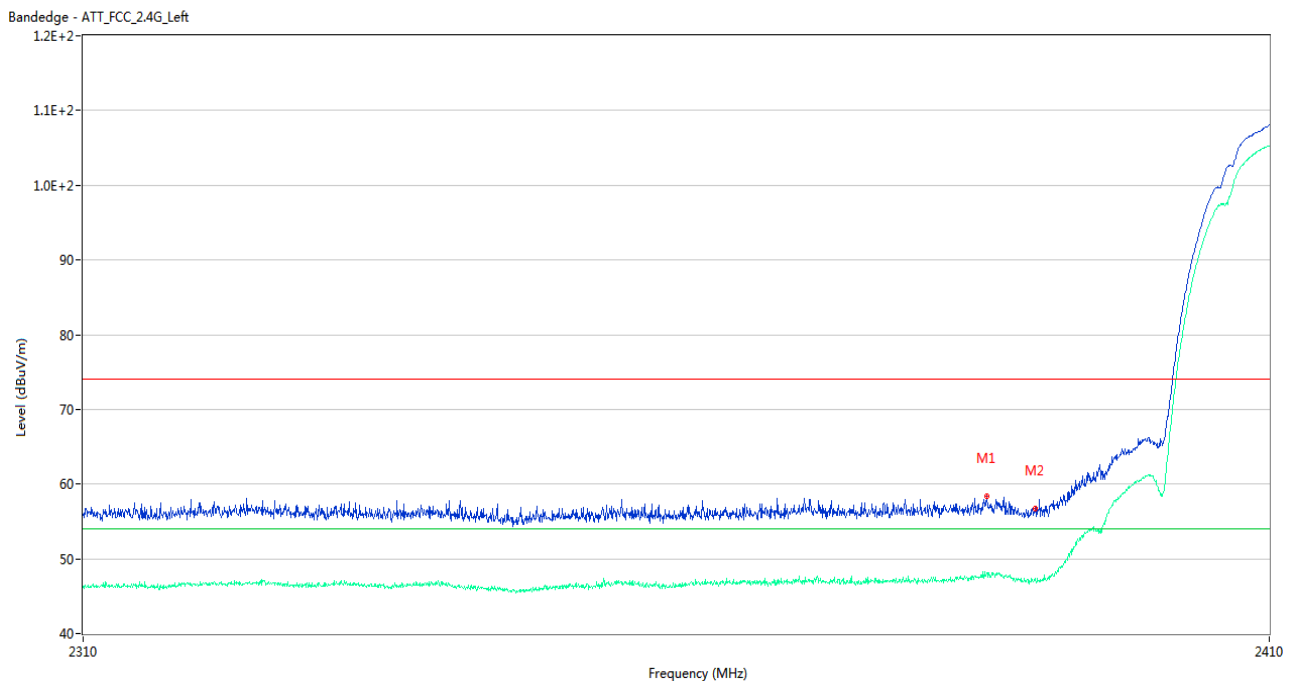
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

Test Data and Plots

Antenna 1

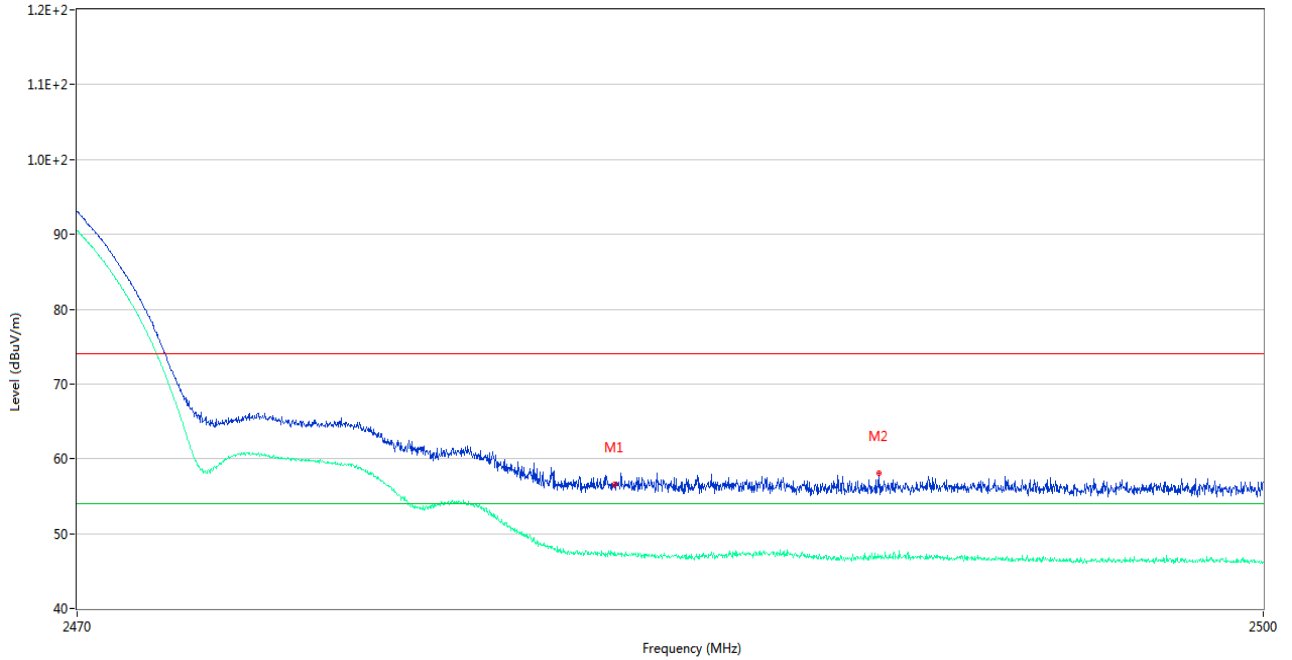
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.800	58.44	2.41	74.0	15.56	Peak	299.00	150	Horizontal	Pass
1**	2385.800	48.07	2.41	54.0	5.93	AV	299.00	150	Horizontal	Pass
2	2389.950	56.78	1.92	74.0	17.22	Peak	299.00	150	Horizontal	Pass
2**	2389.950	47.26	1.92	54.0	6.74	AV	299.00	150	Horizontal	Pass

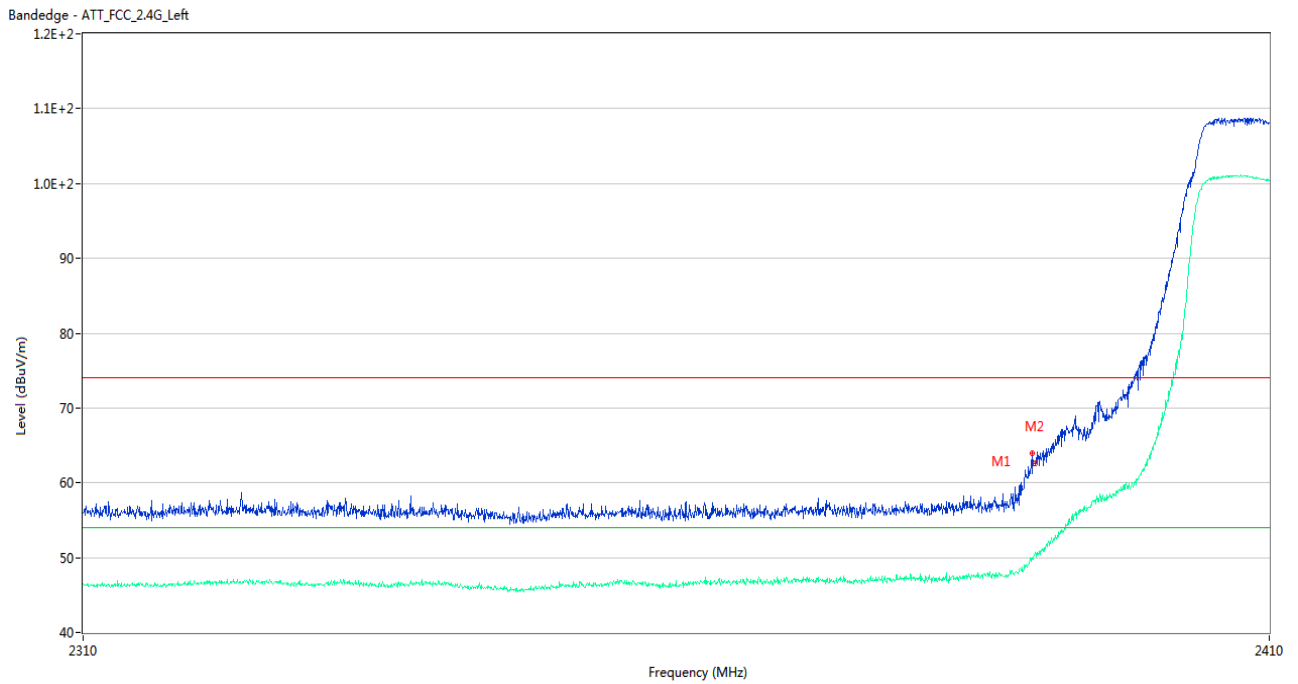
802.11b HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



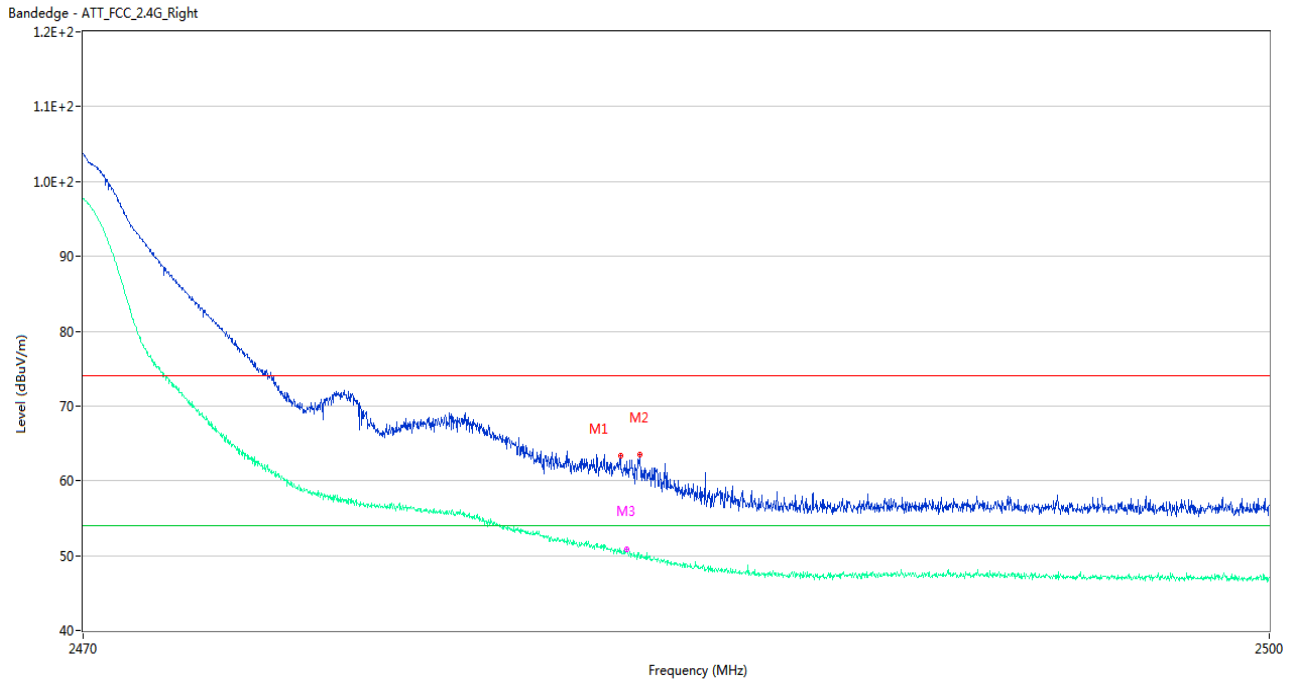
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	56.62	2.11	74.0	17.38	Peak	331.00	200	Horizontal	Pass
1**	2483.545	47.13	2.11	54.0	6.87	AV	331.00	200	Horizontal	Pass
2	2490.250	58.10	1.74	74.0	15.90	Peak	301.00	150	Horizontal	Pass
2**	2490.250	46.73	1.74	54.0	7.27	AV	301.00	150	Horizontal	Pass

802.11g LOW CHANNEL



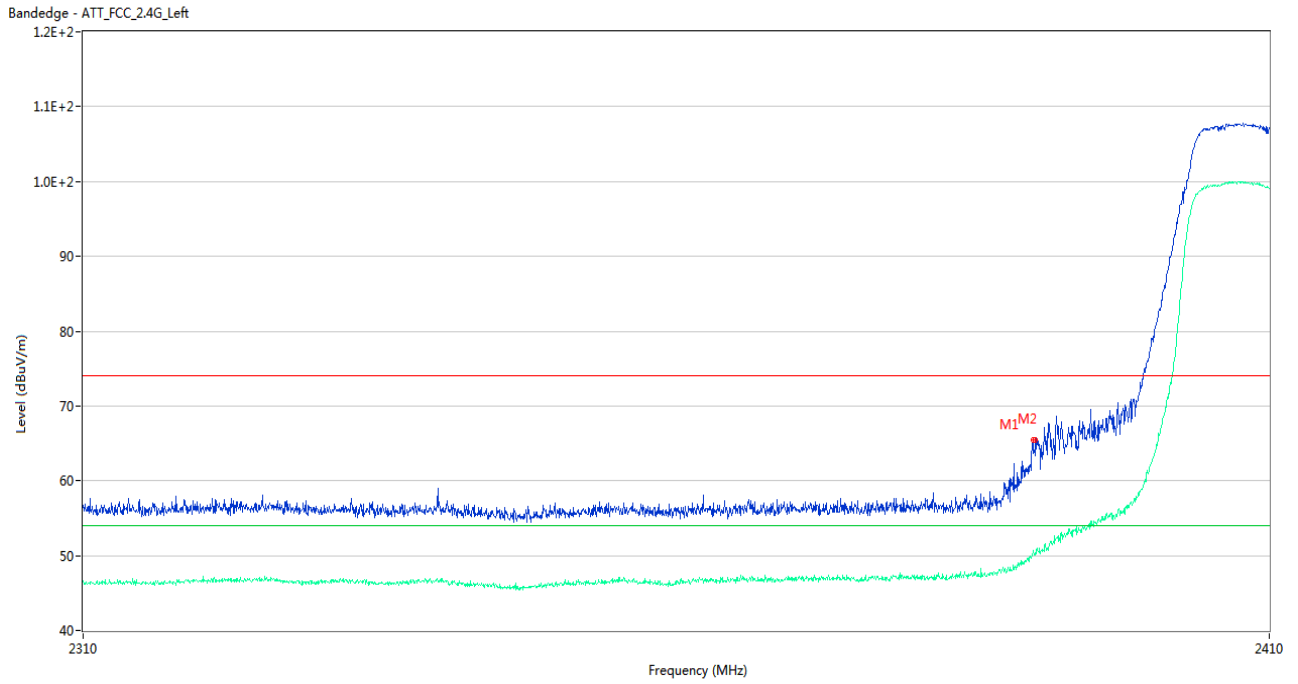
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.650	63.95	1.92	74.0	10.05	Peak	306.00	150	Horizontal	Pass
1**	2389.650	49.91	1.92	54.0	4.09	AV	306.00	150	Horizontal	Pass
2	2389.950	62.60	1.92	74.0	11.40	Peak	313.00	200	Horizontal	Pass
2**	2389.950	50.48	1.92	54.0	3.52	AV	313.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



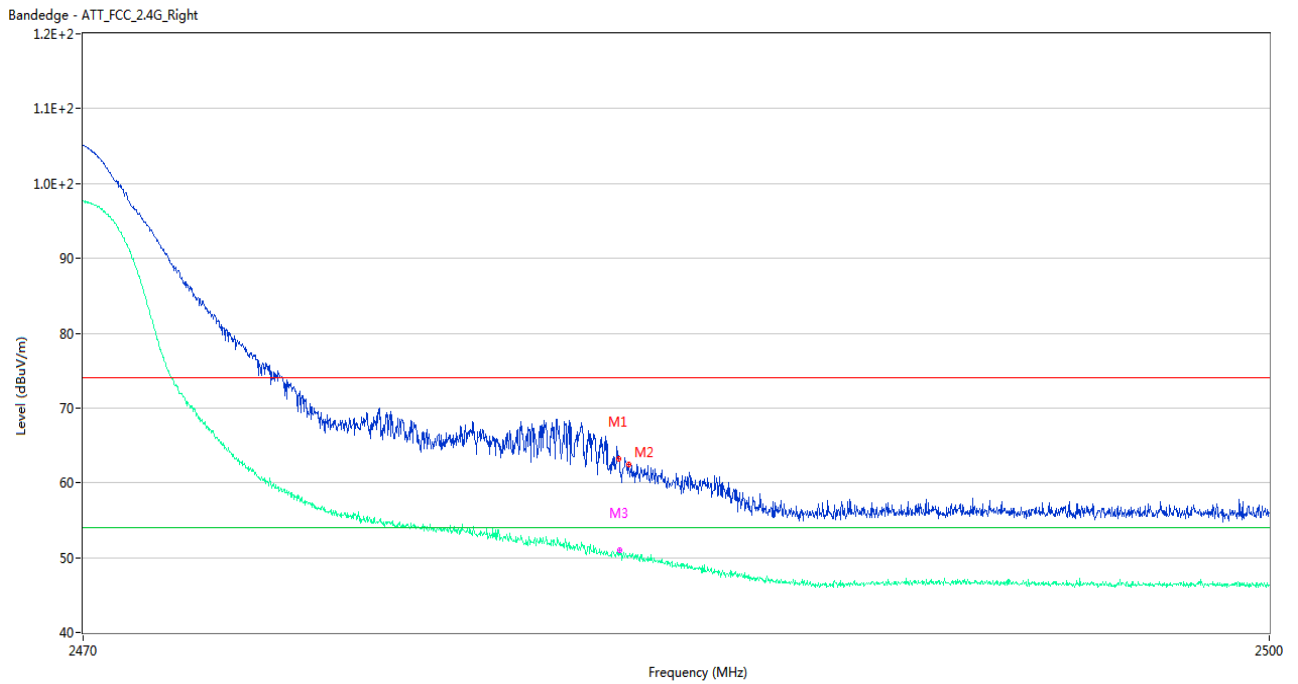
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	63.30	2.11	74.0	10.70	Peak	294.00	150	Horizontal	Pass
1**	2483.545	50.35	2.11	54.0	3.65	AV	294.00	150	Horizontal	Pass
2	2484.040	63.49	2.13	74.0	10.51	Peak	304.00	200	Horizontal	Pass
2**	2484.040	49.82	2.13	54.0	4.18	AV	304.00	200	Horizontal	Pass
3	2483.710	61.08	2.12	74.0	12.92	Peak	299.00	150	Horizontal	Pass
3**	2483.710	50.86	2.12	54.0	3.14	AV	299.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



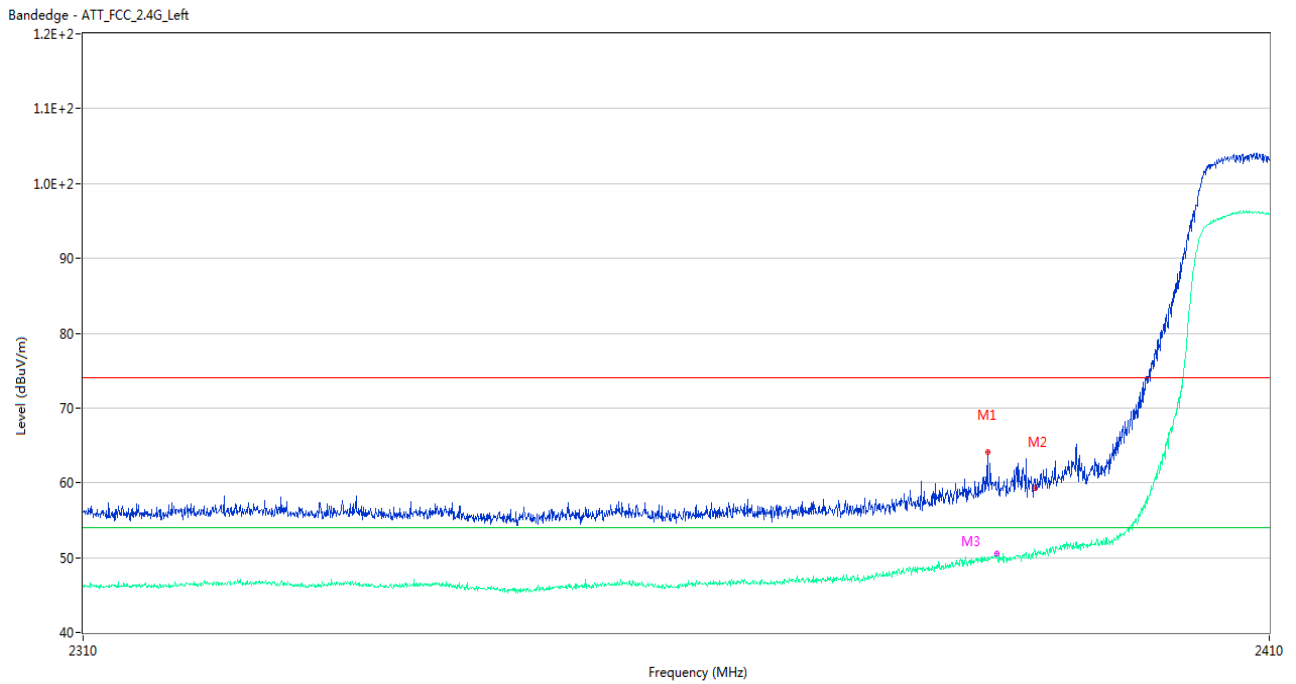
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	65.43	1.92	74.0	8.57	Peak	316.00	100	Horizontal	Pass
1**	2389.750	50.74	1.92	54.0	3.26	AV	316.00	100	Horizontal	Pass
2	2389.950	65.52	1.92	74.0	8.48	Peak	316.00	150	Horizontal	Pass
2**	2389.950	50.14	1.92	54.0	3.86	AV	316.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.22	2.11	74.0	10.78	Peak	299.00	200	Horizontal	Pass
1**	2483.500	50.19	2.11	54.0	3.81	AV	299.00	200	Horizontal	Pass
2	2483.755	62.45	2.12	74.0	11.55	Peak	291.00	100	Horizontal	Pass
2**	2483.755	50.28	2.12	54.0	3.72	AV	291.00	100	Horizontal	Pass
3	2483.515	62.91	2.11	74.0	11.09	Peak	314.00	150	Horizontal	Pass
3**	2483.515	50.92	2.11	54.0	3.08	AV	314.00	150	Horizontal	Pass

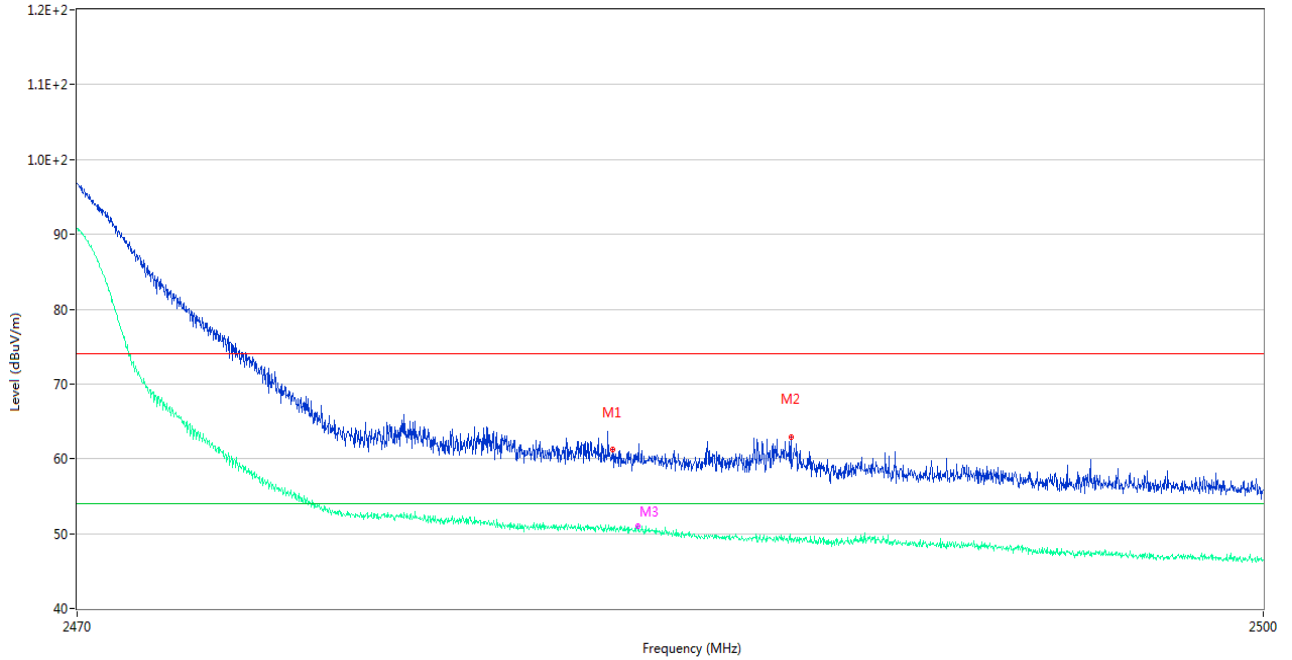
802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.850	64.06	2.41	74.0	9.94	Peak	313.00	200	Horizontal	Pass
1**	2385.850	49.53	2.41	54.0	4.47	AV	313.00	200	Horizontal	Pass
2	2389.950	59.23	1.92	74.0	14.77	Peak	308.00	150	Horizontal	Pass
2**	2389.950	50.48	1.92	54.0	3.52	AV	308.00	150	Horizontal	Pass
3	2386.700	59.00	2.39	74.0	15.00	Peak	301.00	150	Horizontal	Pass
3**	2386.700	50.55	2.39	54.0	3.45	AV	301.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL

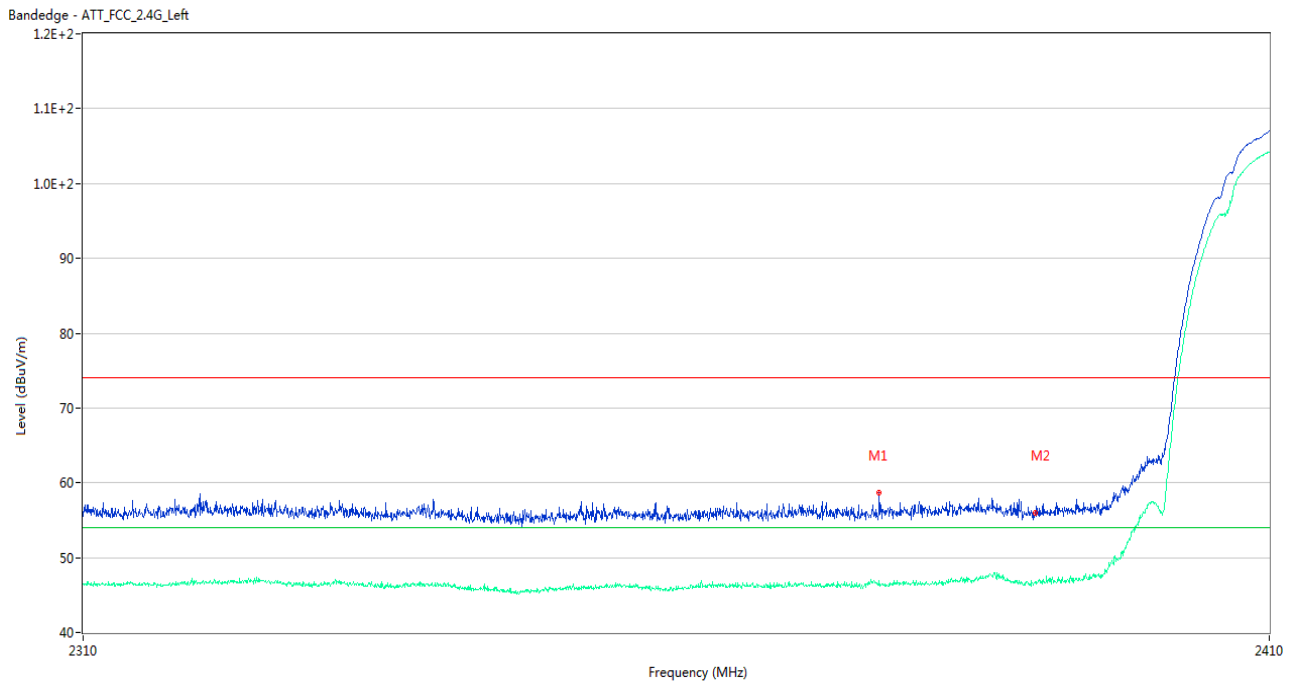
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.17	2.11	74.0	12.83	Peak	309.00	200	Horizontal	Pass
1**	2483.500	50.52	2.11	54.0	3.48	AV	309.00	200	Horizontal	Pass
2	2488.015	62.97	1.58	74.0	11.03	Peak	305.00	200	Horizontal	Pass
2**	2488.015	48.85	1.58	54.0	5.15	AV	305.00	200	Horizontal	Pass
3	2484.145	59.58	2.13	74.0	14.42	Peak	321.00	150	Horizontal	Pass
3**	2484.145	50.97	2.13	54.0	3.03	AV	321.00	150	Horizontal	Pass

Antenna 2

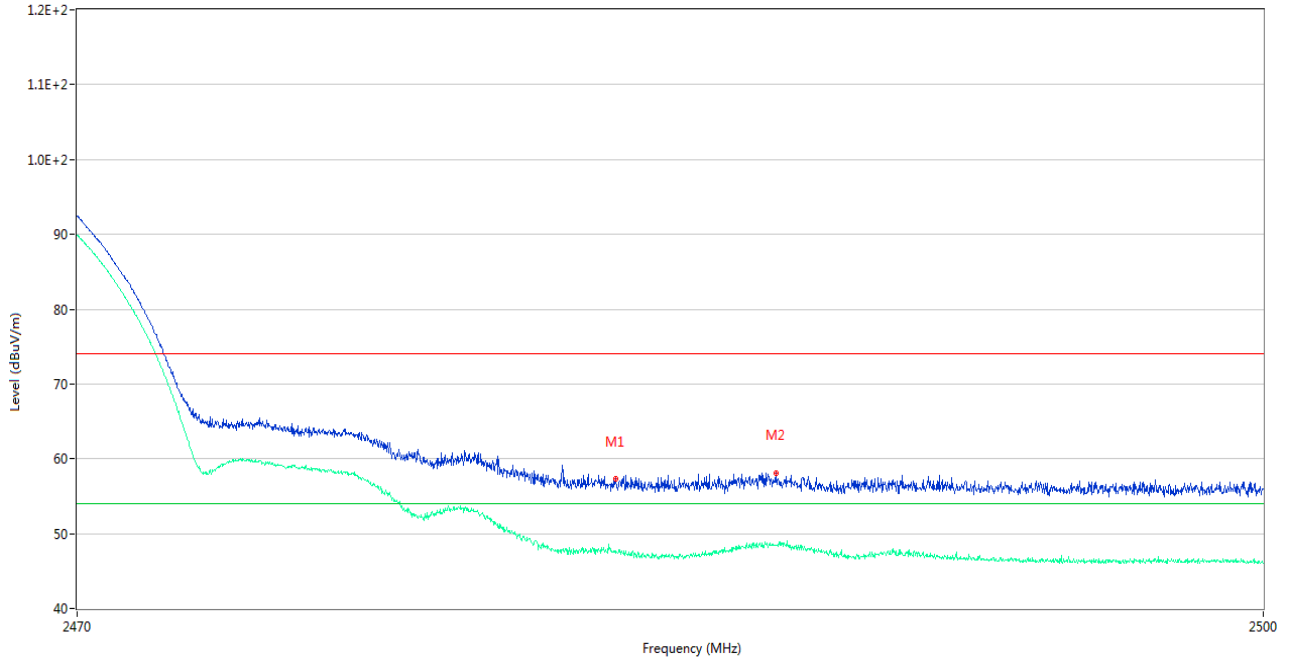
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2376.650	58.67	1.85	74.0	15.33	Peak	278.00	100	Horizontal	Pass
1**	2376.650	46.94	1.85	54.0	7.06	AV	278.00	100	Horizontal	Pass
2	2389.950	56.03	1.92	74.0	17.97	Peak	340.00	150	Horizontal	Pass
2**	2389.950	46.84	1.92	54.0	7.16	AV	340.00	150	Horizontal	Pass

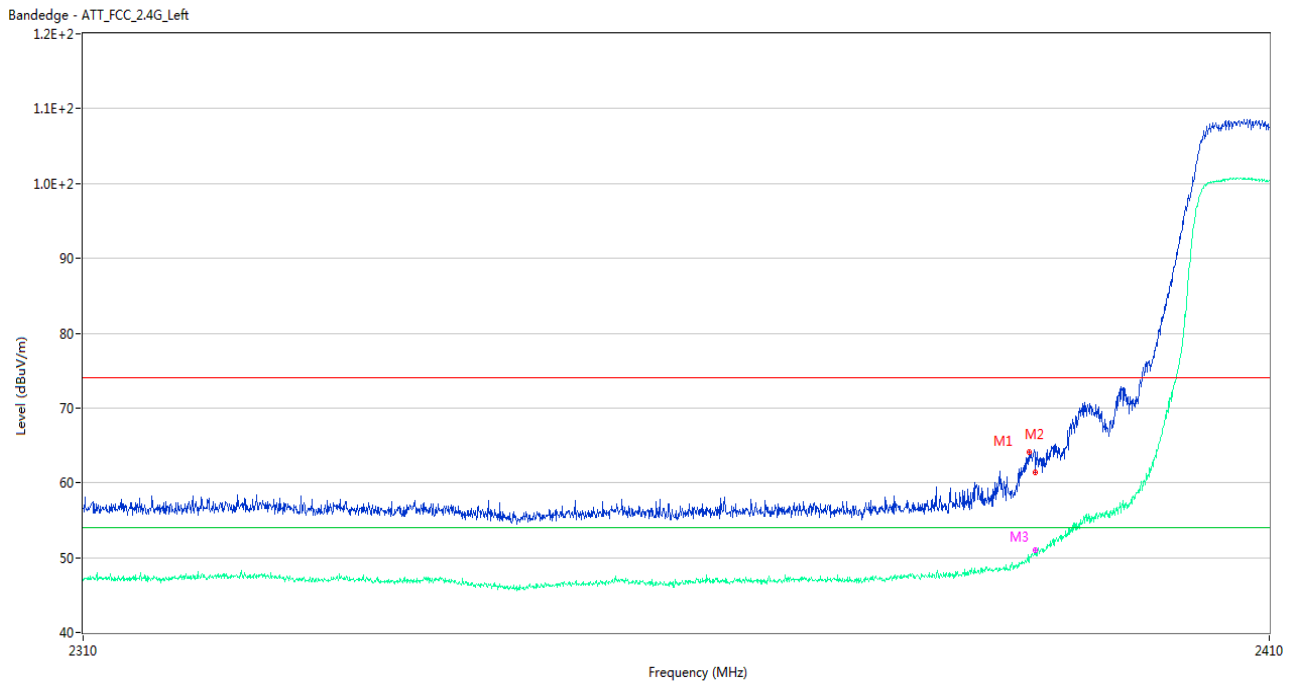
802.11b HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



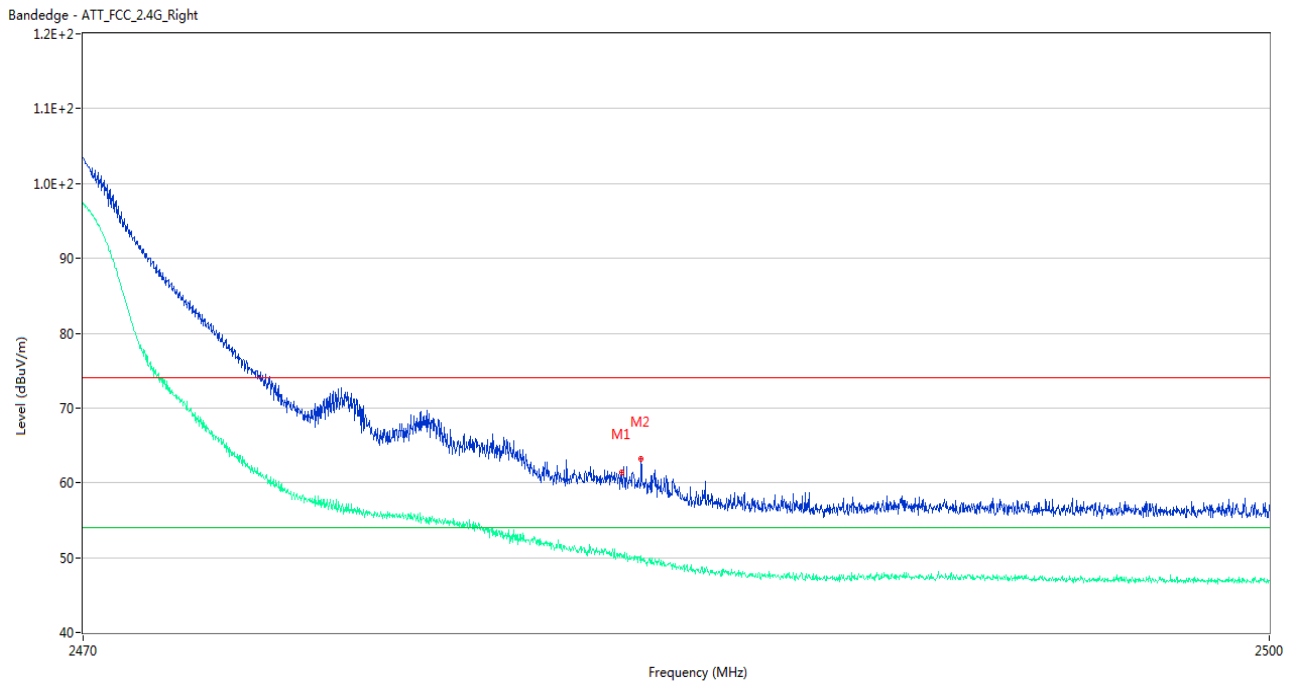
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	57.32	2.11	74.0	16.68	Peak	0.00	100	Horizontal	Pass
1**	2483.590	47.75	2.11	54.0	6.25	AV	0.00	100	Horizontal	Pass
2	2487.625	58.15	1.65	74.0	15.85	Peak	287.00	100	Horizontal	Pass
2**	2487.625	48.42	1.65	54.0	5.58	AV	287.00	100	Horizontal	Pass

802.11g LOW CHANNEL



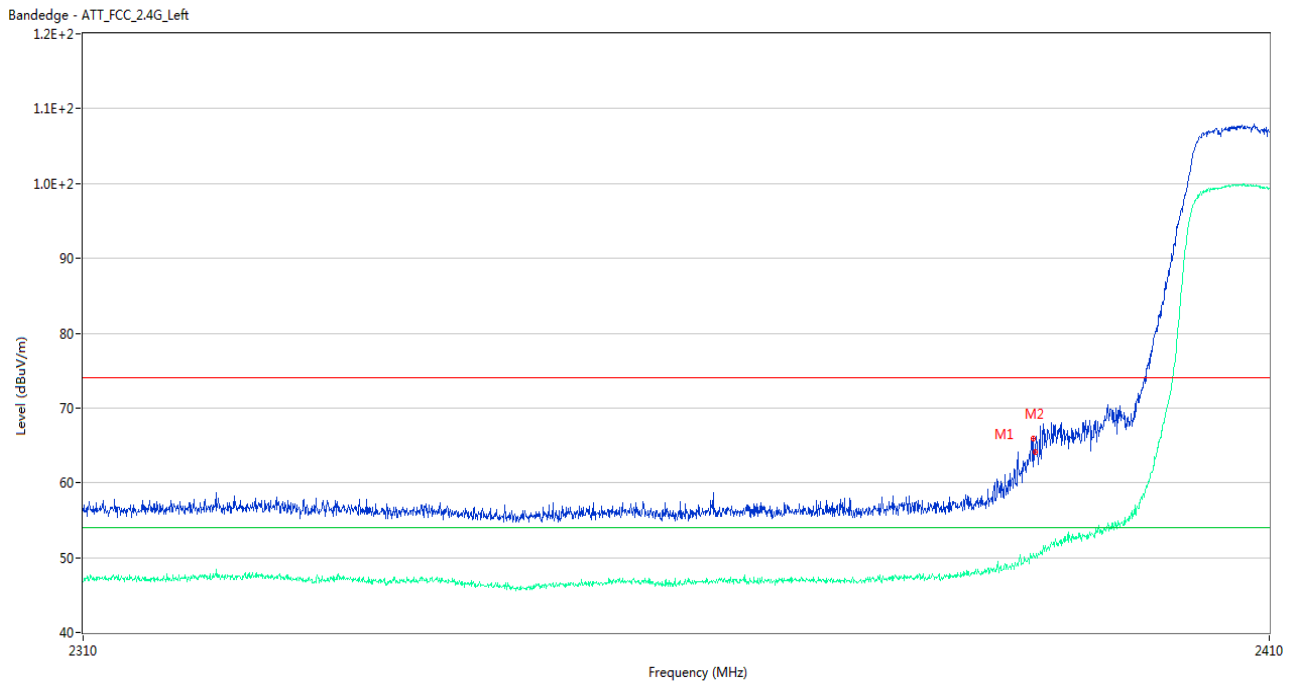
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.400	64.13	1.91	74.0	9.87	Peak	344.00	150	Horizontal	Pass
1**	2389.400	49.38	1.91	54.0	4.62	AV	344.00	150	Horizontal	Pass
2	2389.950	61.45	1.92	74.0	12.55	Peak	284.00	200	Horizontal	Pass
2**	2389.950	50.38	1.92	54.0	3.62	AV	284.00	200	Horizontal	Pass
3	2389.900	64.07	1.92	74.0	9.93	Peak	344.00	150	Horizontal	Pass
3**	2389.900	50.98	1.92	54.0	3.02	AV	344.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



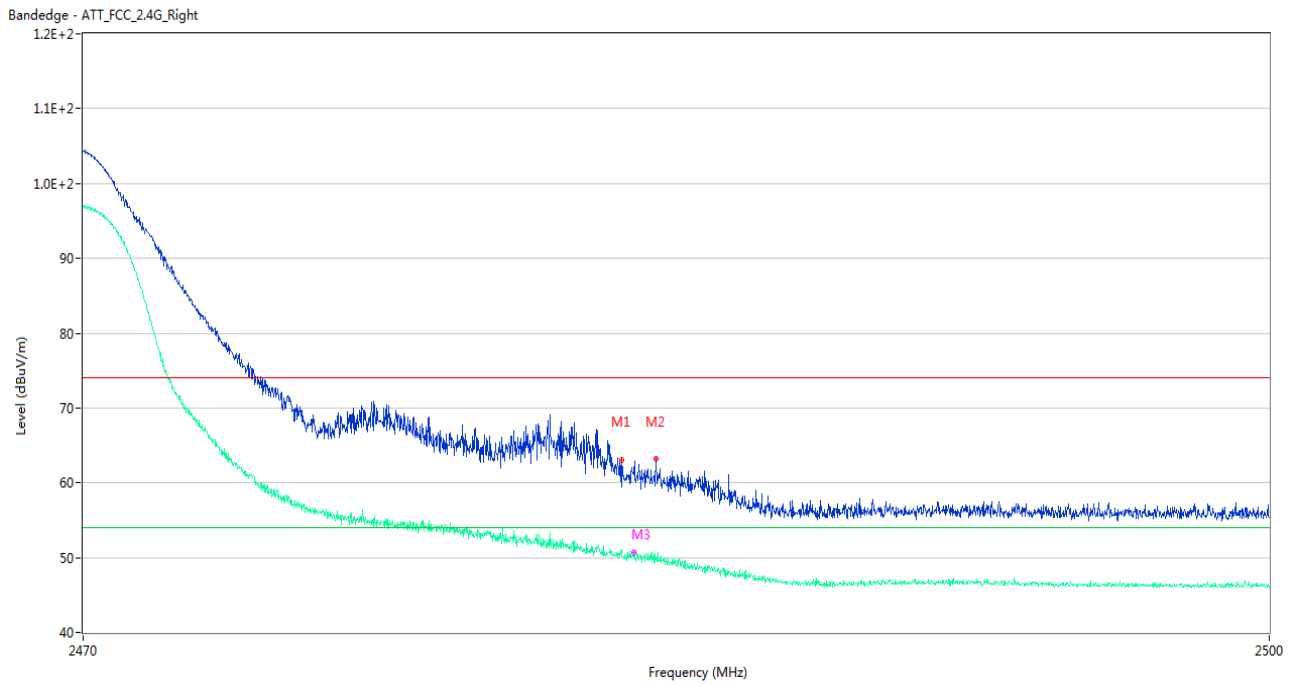
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	61.45	2.11	74.0	12.55	Peak	341.00	150	Horizontal	Pass
1**	2483.590	50.40	2.11	54.0	3.60	AV	341.00	150	Horizontal	Pass
2	2484.070	63.18	2.13	74.0	10.82	Peak	339.00	200	Horizontal	Pass
2**	2484.070	50.21	2.13	54.0	3.79	AV	339.00	200	Horizontal	Pass

802.11n20 LOW CHANNEL



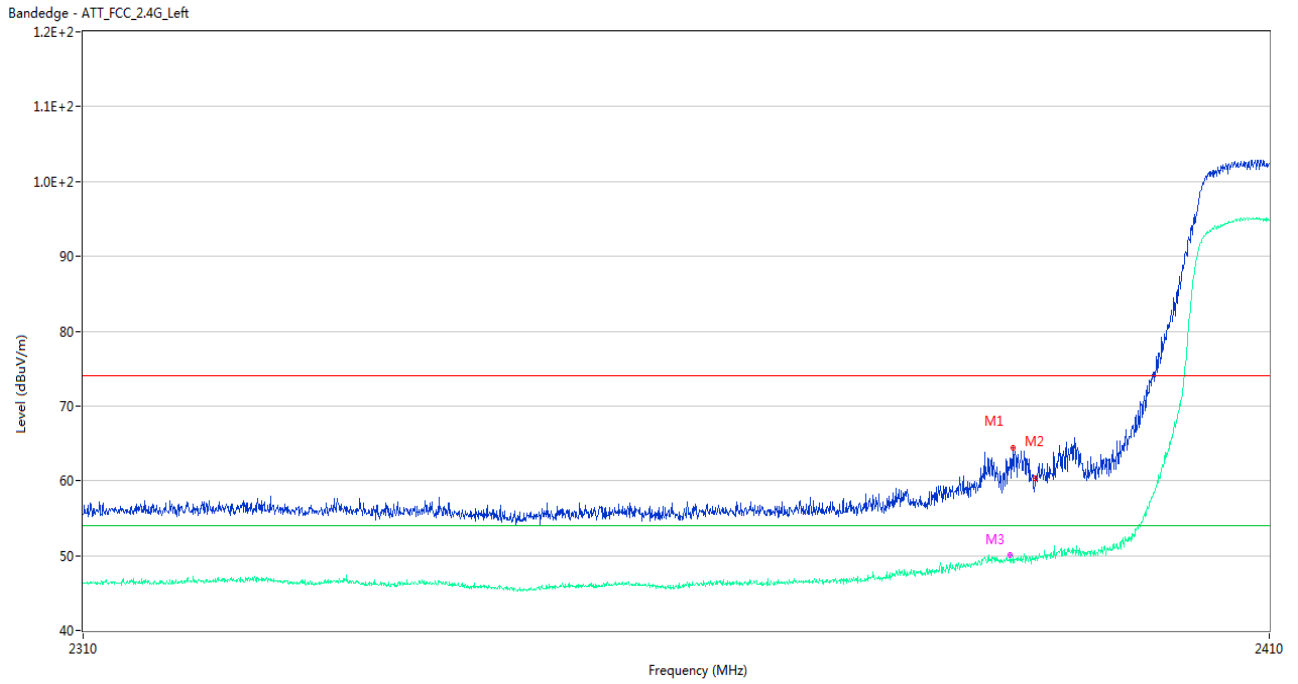
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	65.96	1.92	74.0	8.04	Peak	343.00	150	Horizontal	Pass
1**	2389.750	50.32	1.92	54.0	3.68	AV	343.00	150	Horizontal	Pass
2	2389.950	64.16	1.92	74.0	9.84	Peak	338.00	150	Horizontal	Pass
2**	2389.950	49.88	1.92	54.0	4.12	AV	338.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	63.10	2.11	74.0	10.90	Peak	342.00	150	Horizontal	Pass
1**	2483.590	50.27	2.11	54.0	3.73	AV	342.00	150	Horizontal	Pass
2	2484.445	63.23	2.13	74.0	10.77	Peak	342.00	200	Horizontal	Pass
2**	2484.445	49.93	2.13	54.0	4.07	AV	342.00	200	Horizontal	Pass
3	2483.875	61.08	2.12	74.0	12.92	Peak	342.00	150	Horizontal	Pass
3**	2483.875	50.65	2.12	54.0	3.35	AV	342.00	150	Horizontal	Pass

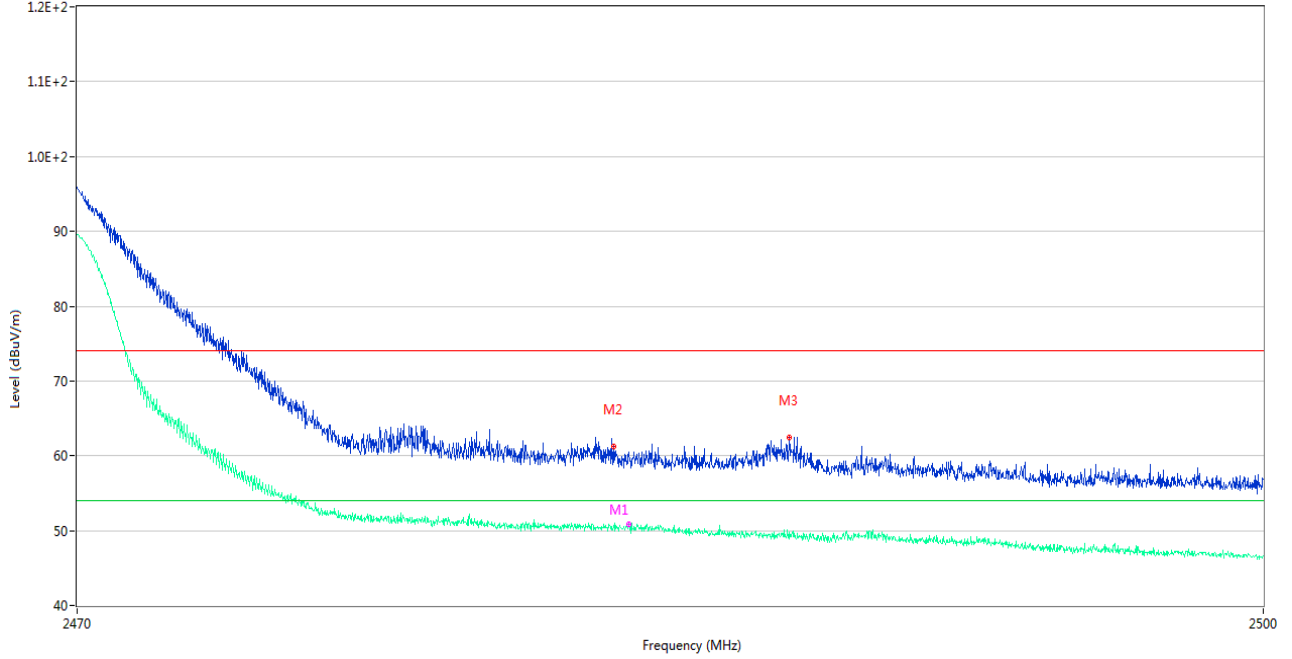
802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.000	64.46	2.07	74.0	9.54	Peak	345.00	200	Horizontal	Pass
1**	2388.000	49.11	2.07	54.0	4.89	AV	345.00	200	Horizontal	Pass
2	2389.950	60.31	1.92	74.0	13.69	Peak	343.00	150	Horizontal	Pass
2**	2389.950	49.61	1.92	54.0	4.39	AV	343.00	150	Horizontal	Pass
3	2387.800	63.06	2.12	74.0	10.94	Peak	343.00	150	Horizontal	Pass
3**	2387.800	50.13	2.12	54.0	3.87	AV	343.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.905	59.98	2.12	74.0	14.02	Peak	342.00	150	Horizontal	Pass
1**	2483.905	50.87	2.12	54.0	3.13	AV	342.00	150	Horizontal	Pass
2	2483.530	61.22	2.11	74.0	12.78	Peak	337.00	100	Horizontal	Pass
2**	2483.530	50.60	2.11	54.0	3.40	AV	337.00	100	Horizontal	Pass
3	2487.970	62.49	1.59	74.0	11.51	Peak	340.00	150	Horizontal	Pass
3**	2487.970	49.80	1.59	54.0	4.20	AV	340.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

Antenna 1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.64	8
Middle	-16.19	8
High	-16.04	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.81	8
Middle	-14.84	8
High	-16.82	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.73	8
Middle	-13.31	8
High	-17.40	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.49	8
Middle	-15.54	8
High	-21.31	8

Antenna 2

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.95	8
Middle	-15.91	8
High	-15.89	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.40	8
Middle	-14.03	8
High	-17.43	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.75	8
Middle	-12.73	8
High	-17.83	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.89	8
Middle	-16.38	8
High	-21.17	8

Test Plots

Antenna 1

802.11b LOW CHANNEL



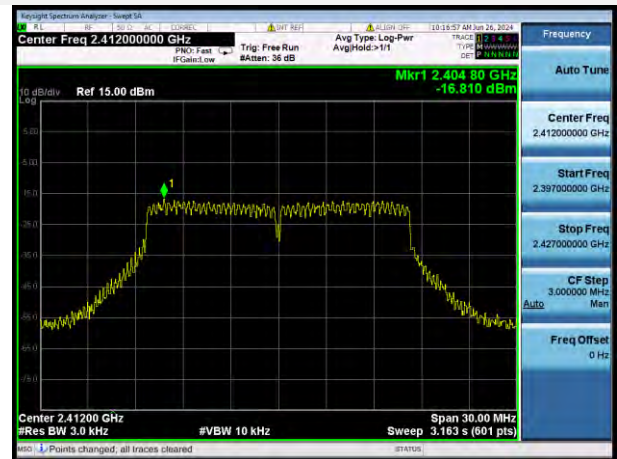
802.11b MIDDLE CHANNEL



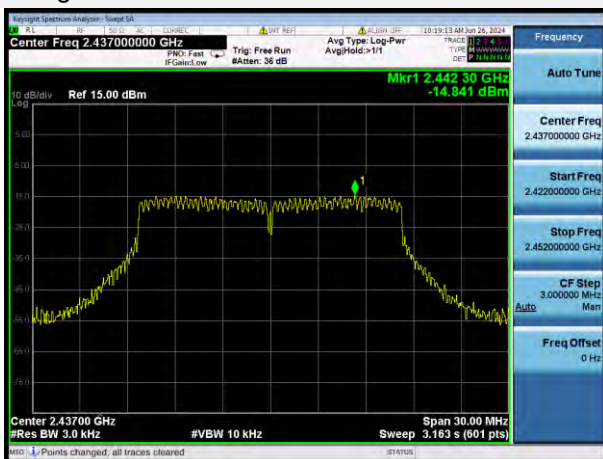
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



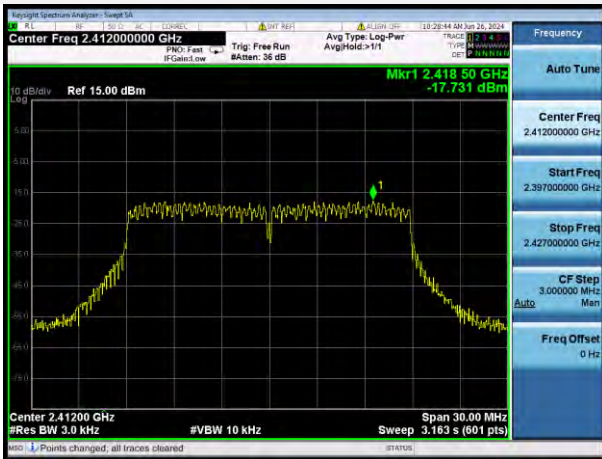
802.11g MIDDLE CHANNEL



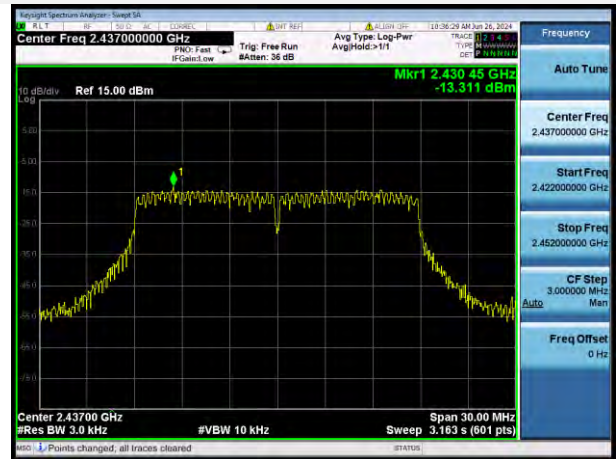
802.11g HIGH CHANNEL



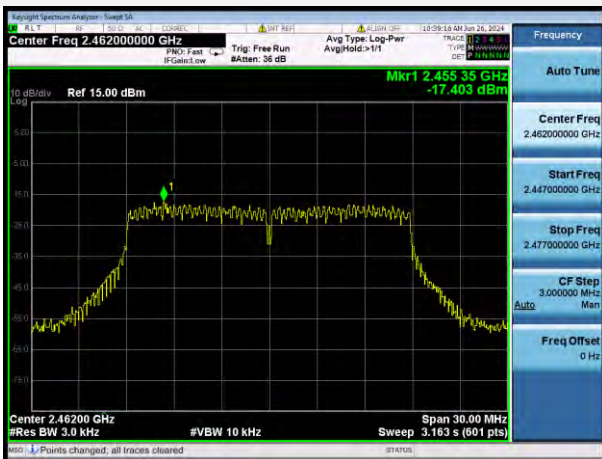
802.11n-20 MHz LOW CHANNEL



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



Antenna 2

802.11b LOW CHANNEL



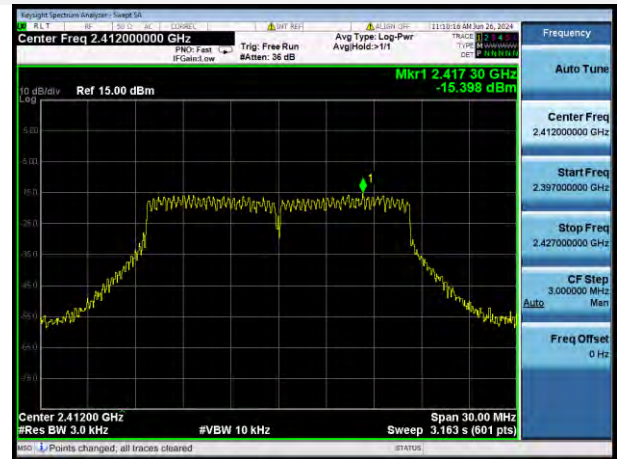
802.11b MIDDLE CHANNEL



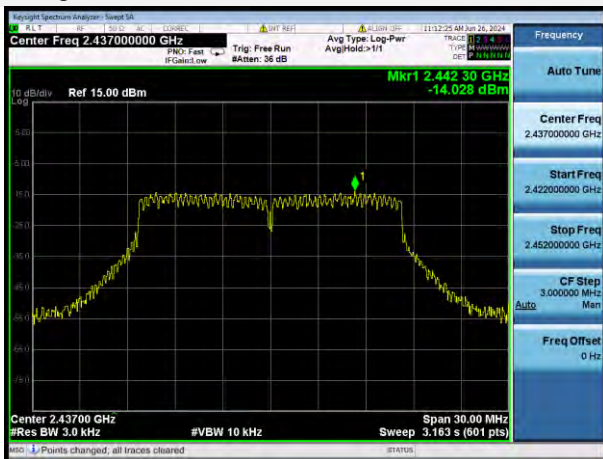
802.11b HIGH CHANNEL



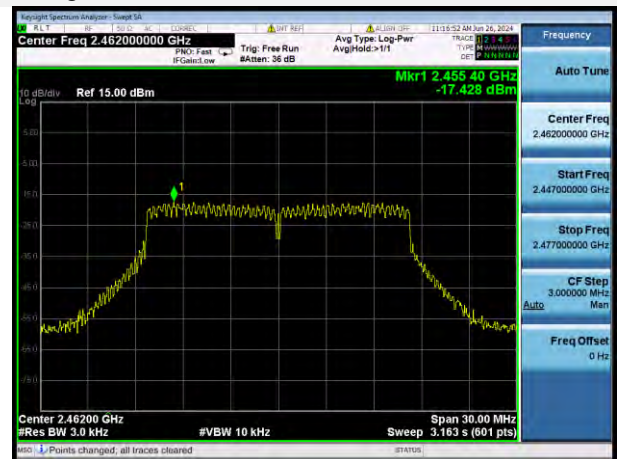
802.11g LOW CHANNEL



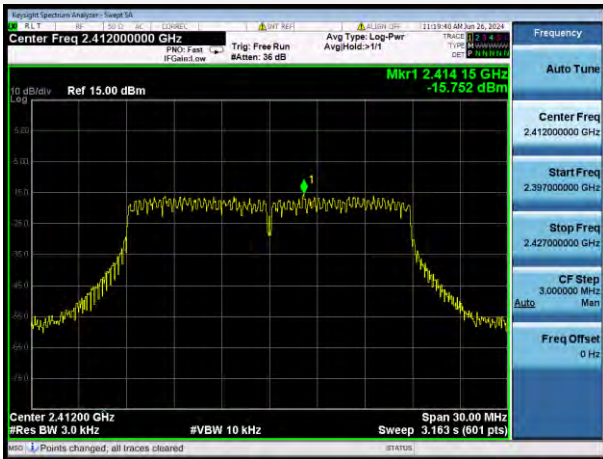
802.11g MIDDLE CHANNEL



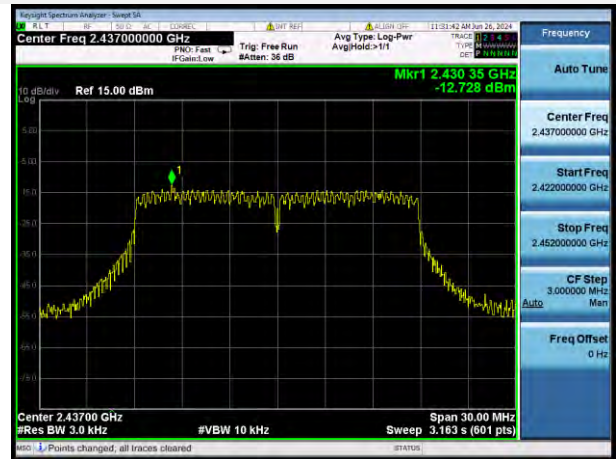
802.11g HIGH CHANNEL



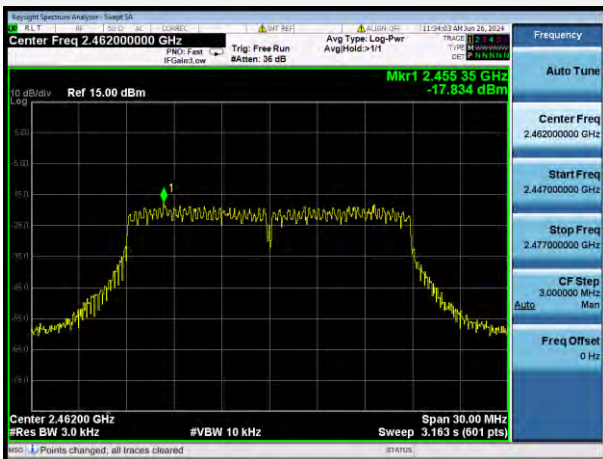
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



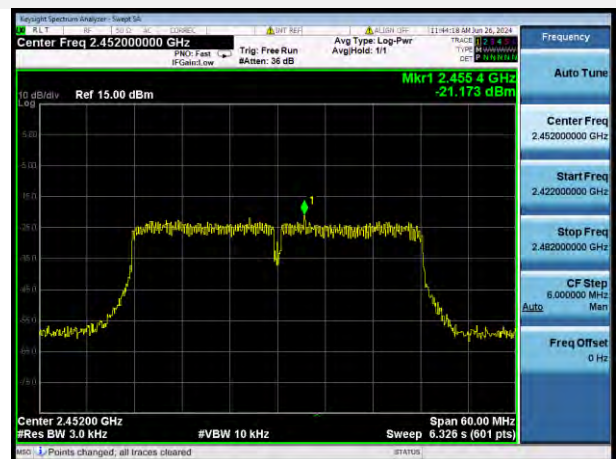
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2460562-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2460562-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2460562-AI.PDF”.

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--END OF REPORT--