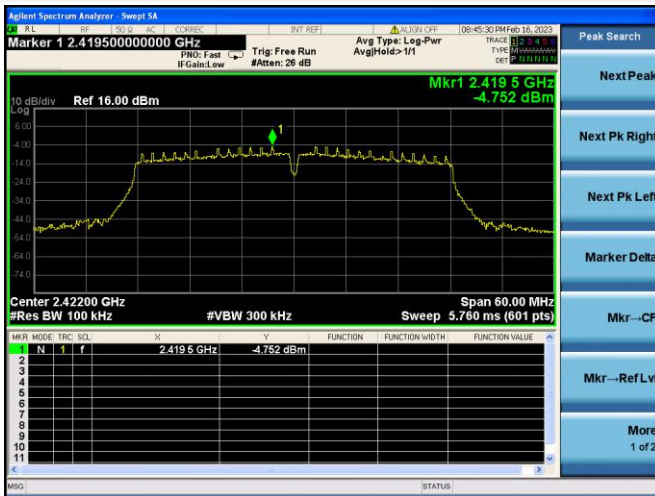


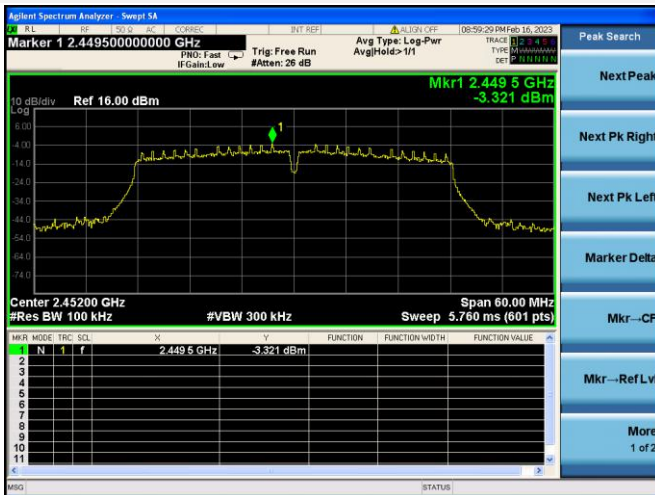
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



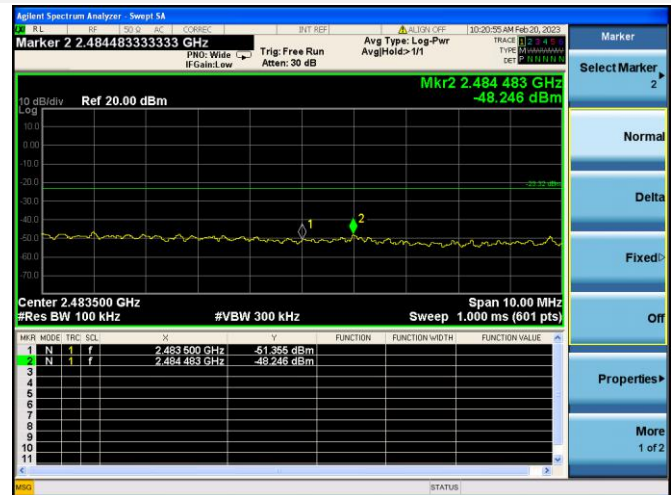
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



ANT-1

802.11b LOW CHANNEL, CARRIER LEVEL



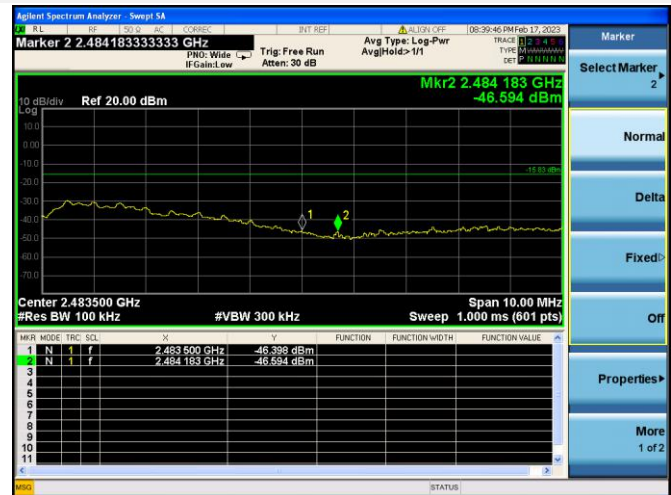
802.11b LOW CHANNEL, BAND EDGE



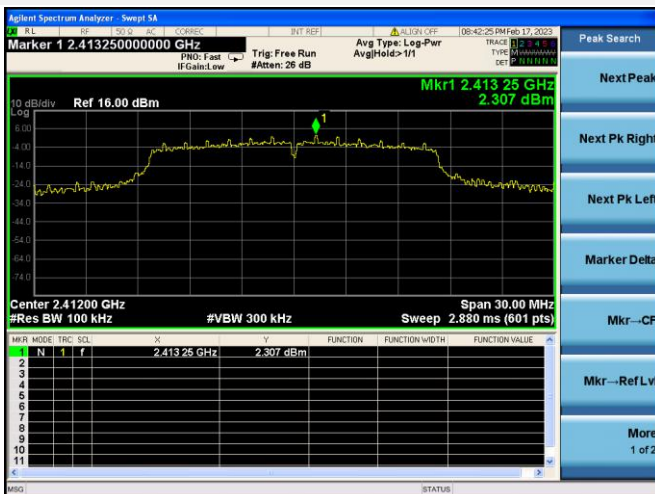
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



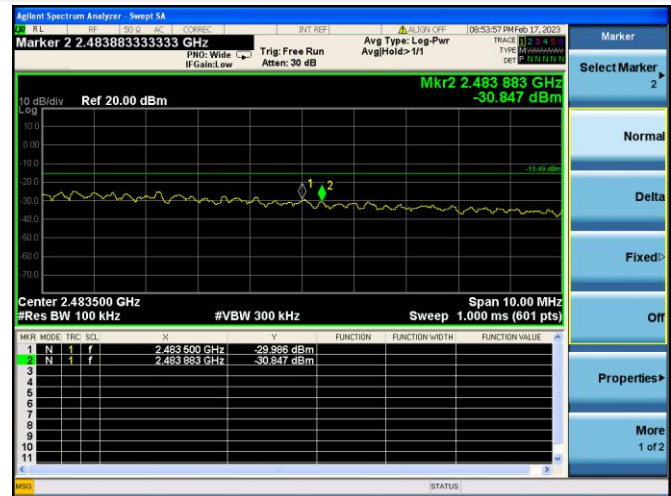
802.11g LOW CHANNEL, BAND EDGE



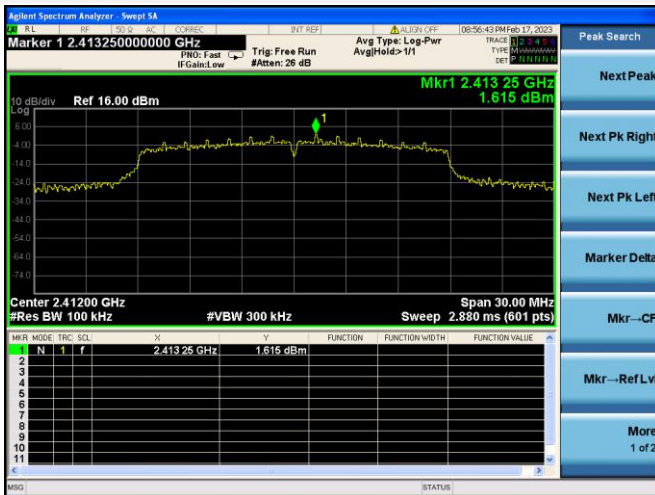
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



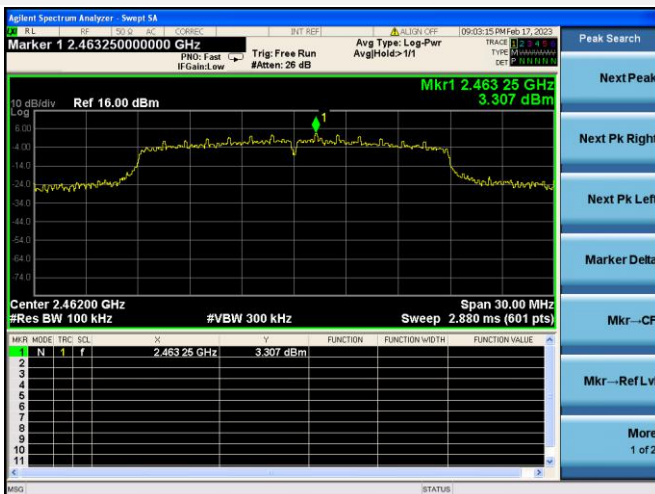
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



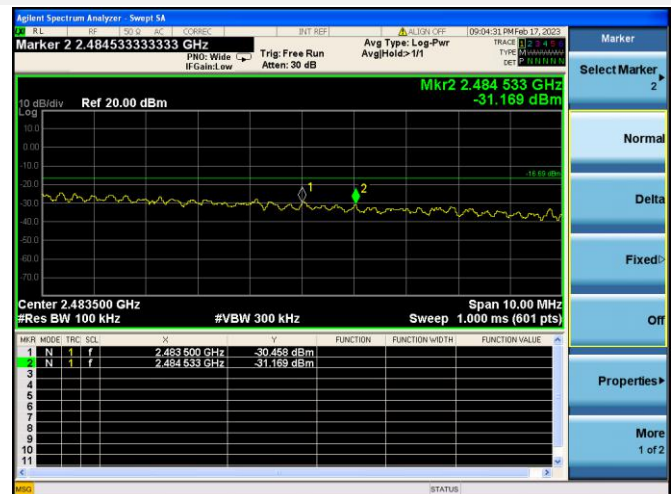
802.11n-20 MHz LOW CHANNEL, BAND EDGE



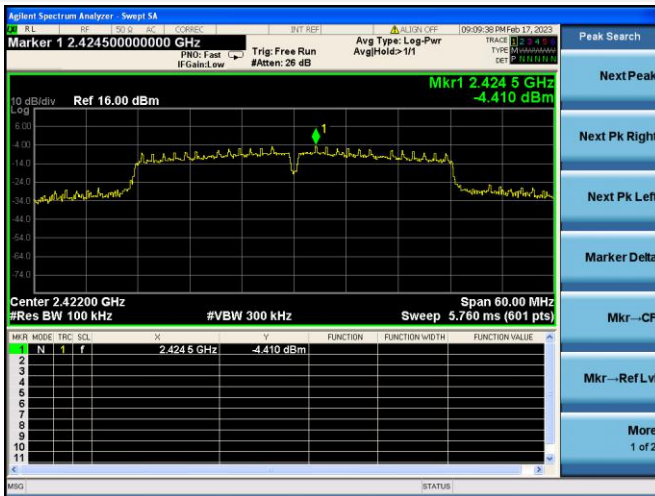
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



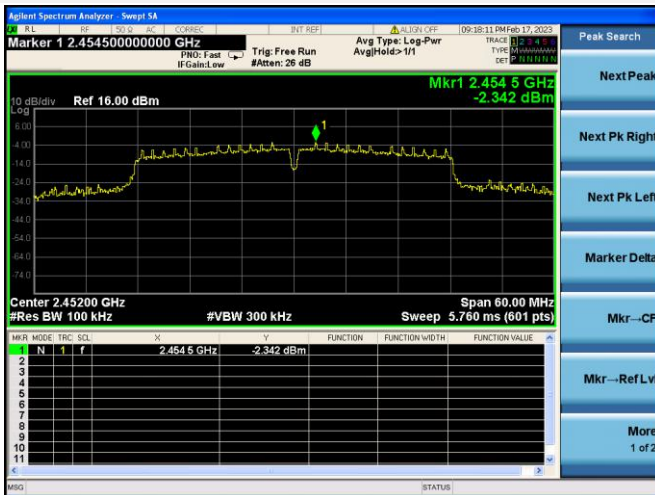
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-ANT-0

802.11b LOW CHANNEL, CARRIER LEVEL



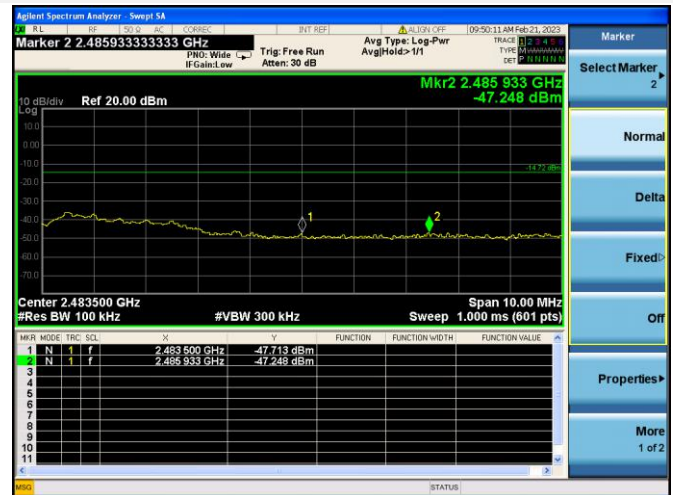
802.11b LOW CHANNEL, BAND EDGE



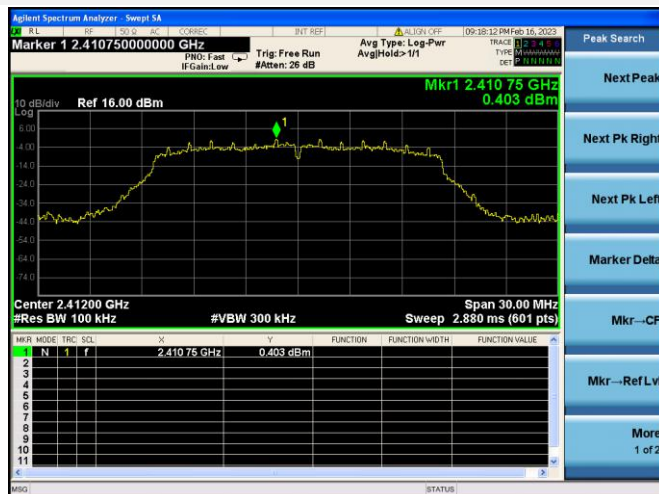
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



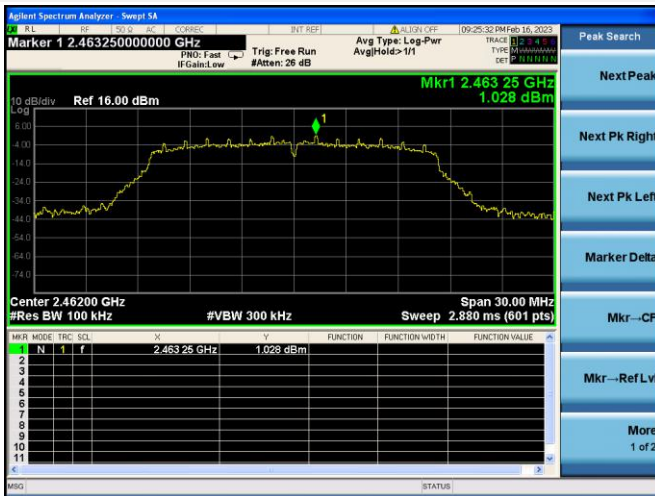
802.11g LOW CHANNEL, CARRIER LEVEL



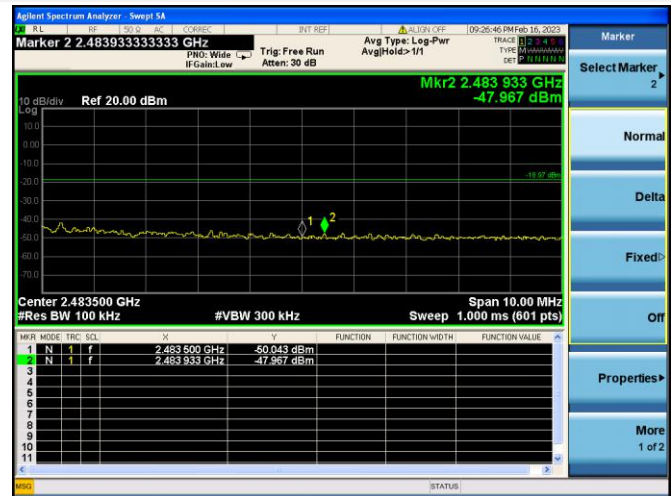
802.11g LOW CHANNEL, BAND EDGE



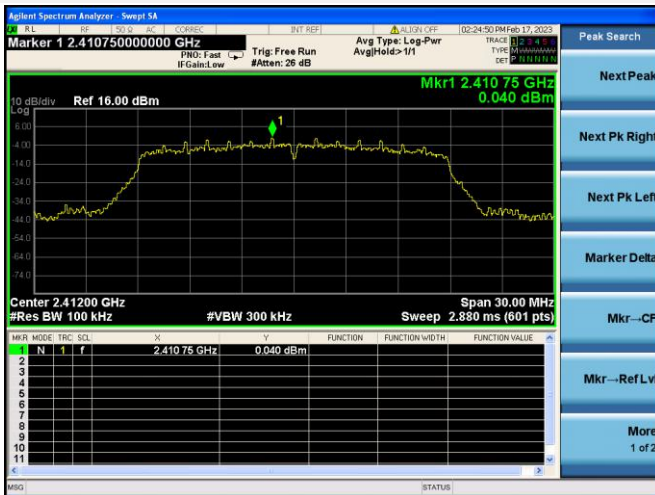
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



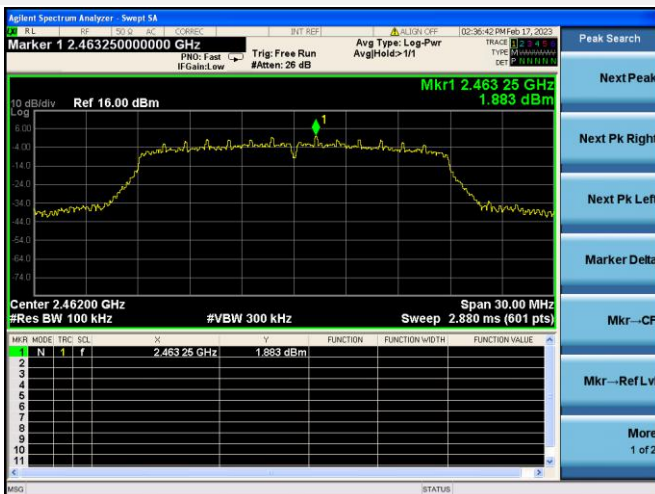
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



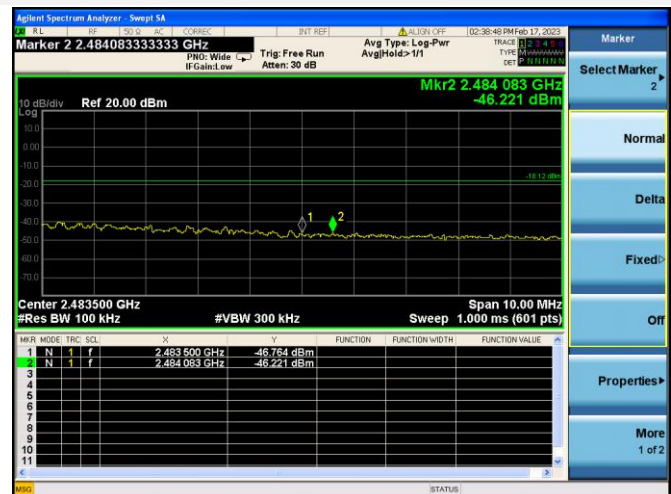
802.11n-20 MHz LOW CHANNEL, BAND EDGE



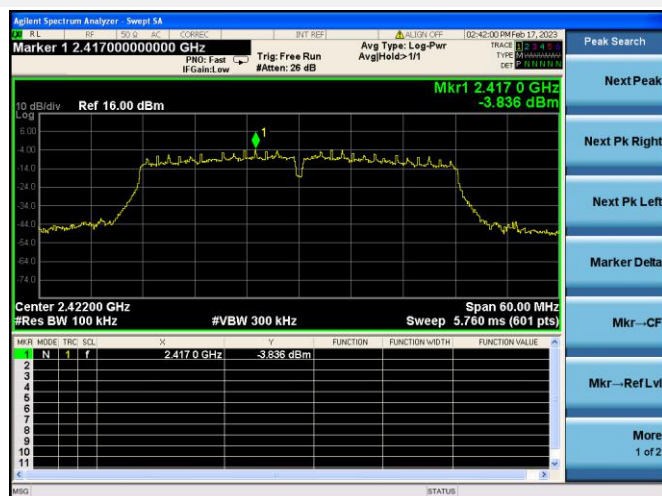
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



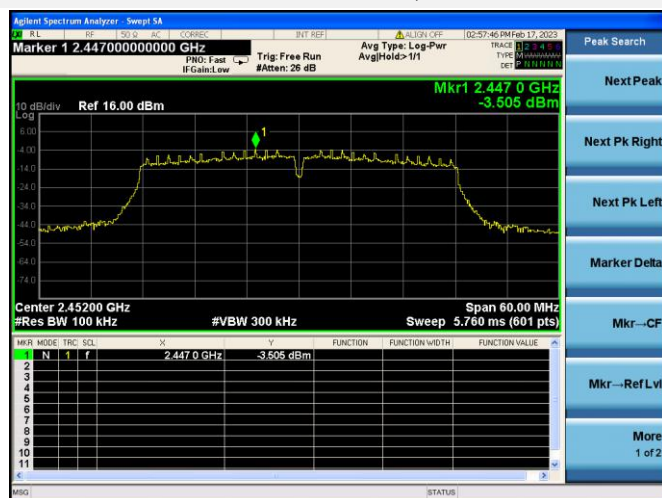
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



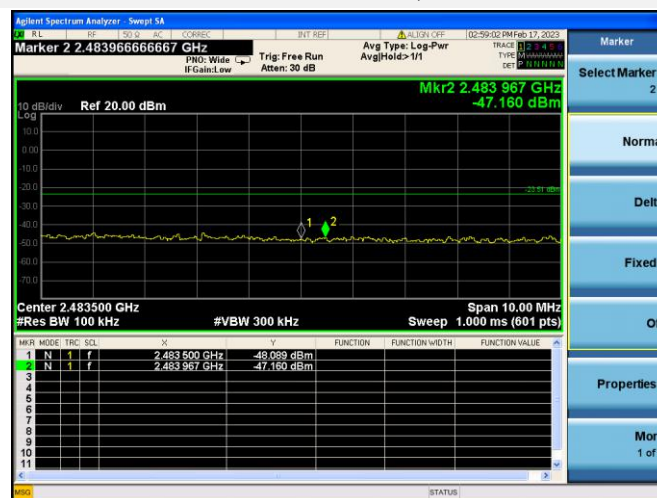
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-ANT-1

802.11b LOW CHANNEL, CARRIER LEVEL



802.11b LOW CHANNEL, BAND EDGE



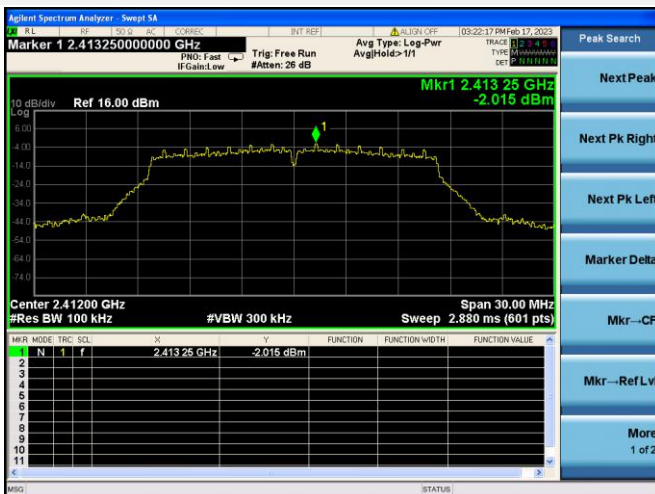
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



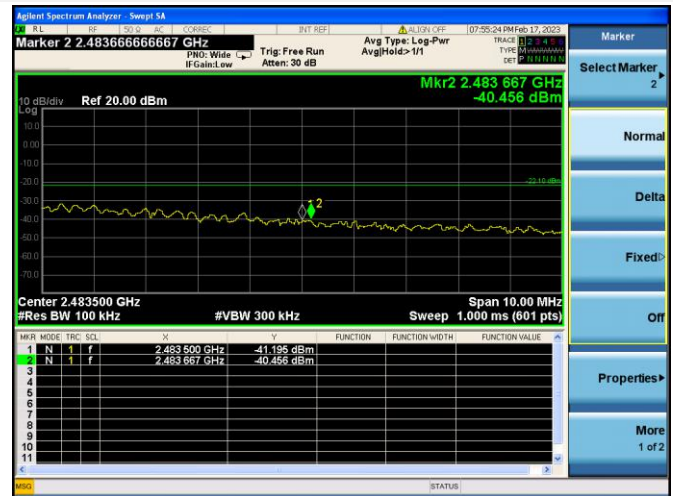
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



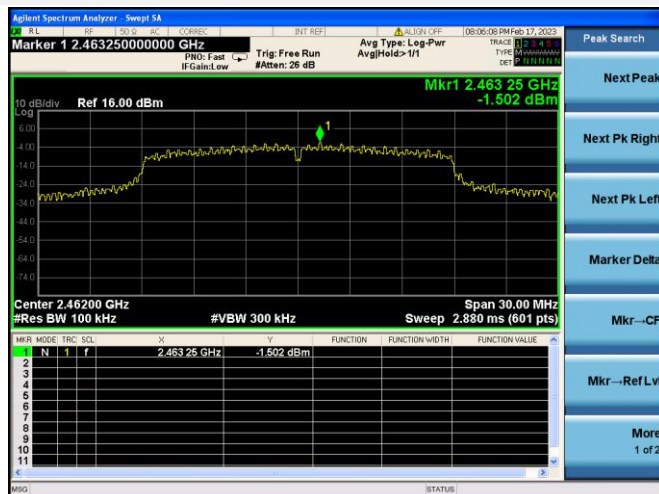
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



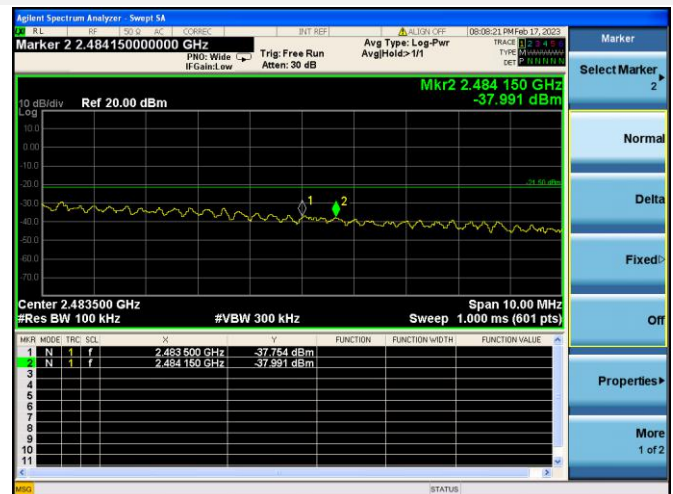
802.11n-20 MHz LOW CHANNEL, BAND EDGE



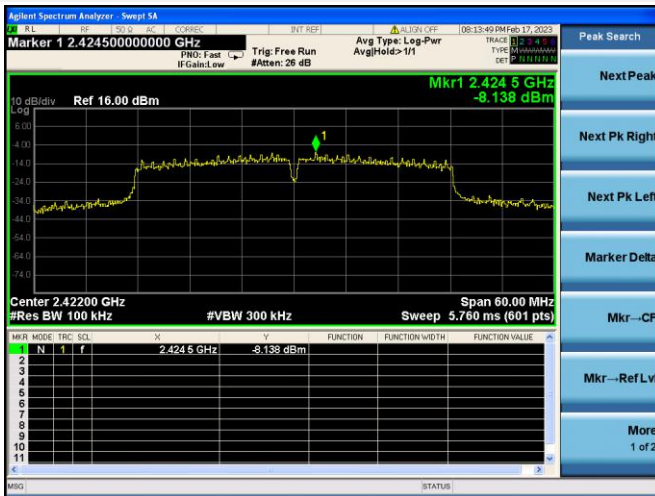
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



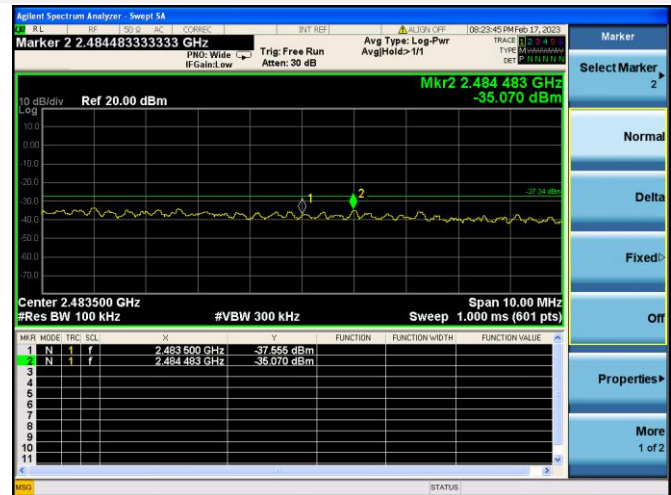
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

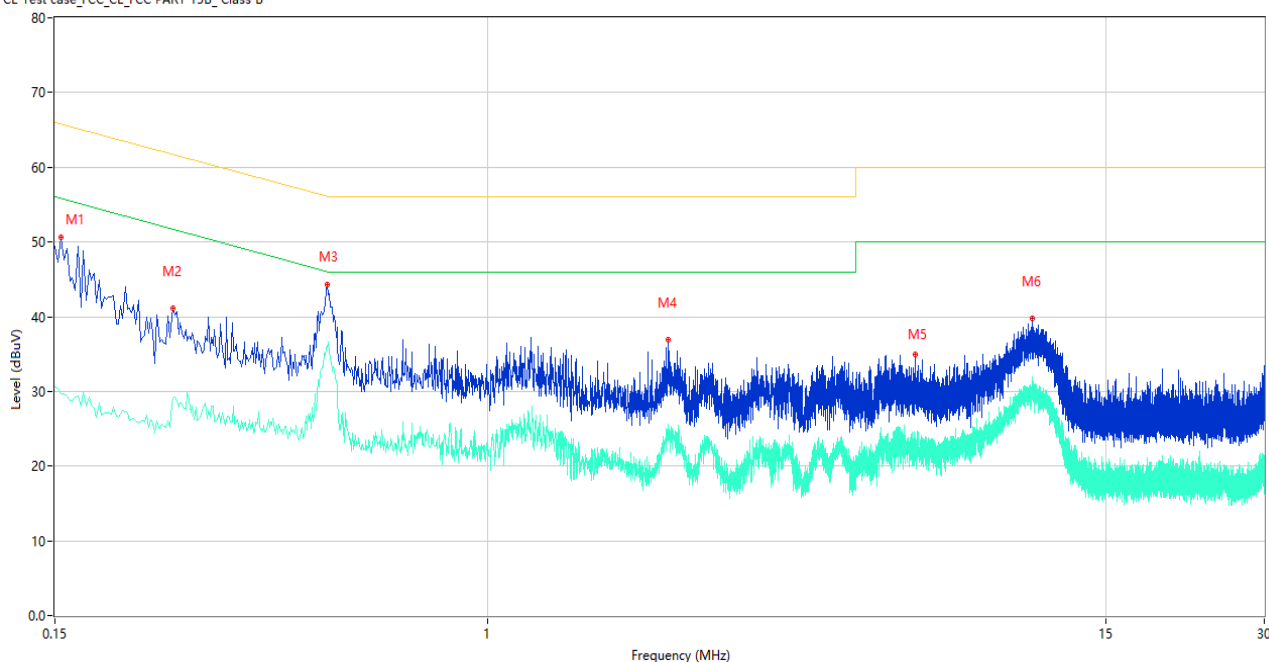
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

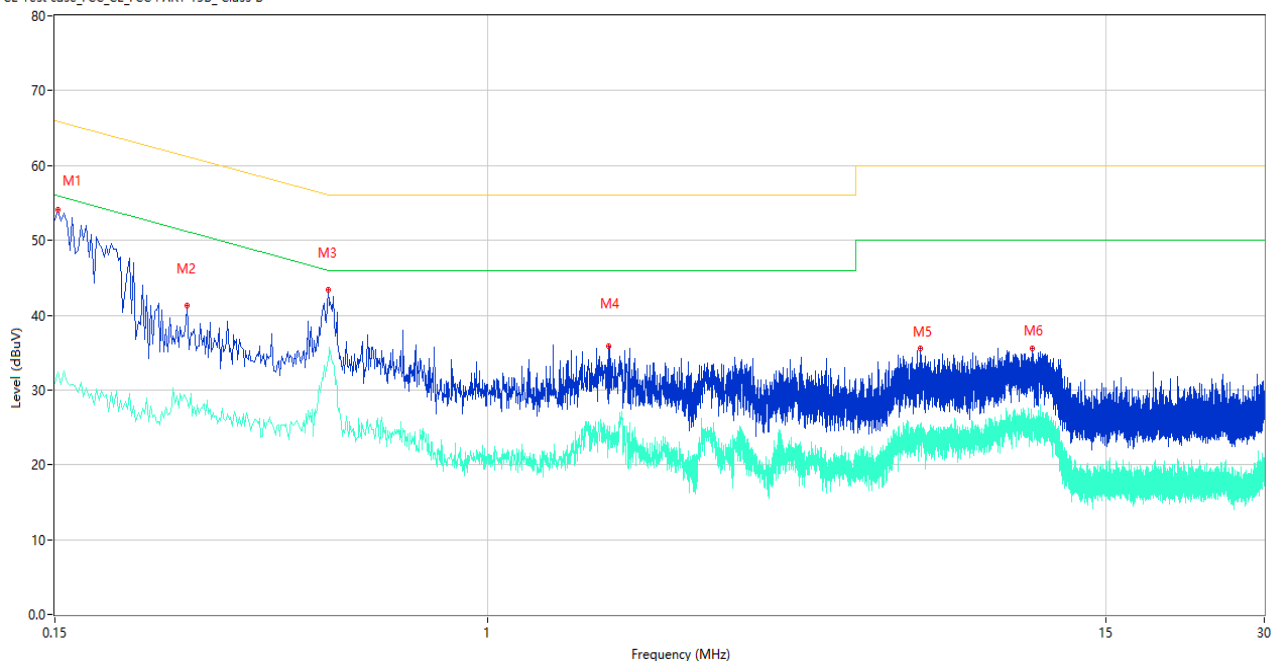
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Margin (dB)	Detector	Line	Verdict
1	0.154	50.60	10.18	65.78	15.18	Peak	L	Pass
1**	0.154	29.74	10.18	55.78	26.04	AV	L	Pass
2	0.252	41.15	10.07	61.69	20.54	Peak	L	Pass
2**	0.252	29.04	10.07	51.69	22.65	AV	L	Pass
3	0.494	44.32	10.31	56.10	11.78	Peak	L	Pass
3**	0.494	35.89	10.31	46.10	10.21	AV	L	Pass
4	2.200	36.93	10.34	56.00	19.07	Peak	L	Pass
4**	2.200	25.57	10.34	46.00	20.43	AV	L	Pass
5	6.492	35.00	10.40	60.00	25.00	Peak	L	Pass
5**	6.492	23.35	10.40	50.00	26.65	AV	L	Pass
6	10.864	39.74	10.54	60.00	20.26	Peak	L	Pass
6**	10.864	30.40	10.54	50.00	19.60	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	54.14	10.19	65.89	11.75	Peak	N	Pass
1**	0.152	32.37	10.19	55.89	23.52	AV	N	Pass
2	0.268	41.26	10.06	61.18	19.92	Peak	N	Pass
2**	0.268	28.61	10.06	51.18	22.57	AV	N	Pass
3	0.496	43.41	10.30	56.07	12.66	Peak	N	Pass
3**	0.496	34.46	10.30	46.07	11.61	AV	N	Pass
4	1.698	35.83	10.24	56.00	20.17	Peak	N	Pass
4**	1.698	24.33	10.24	46.00	21.67	AV	N	Pass
5	6.656	35.49	10.44	60.00	24.51	Peak	N	Pass
5**	6.656	25.41	10.44	50.00	24.59	AV	N	Pass
6	10.848	35.57	10.47	60.00	24.43	Peak	N	Pass
6**	10.848	23.89	10.47	50.00	26.11	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.

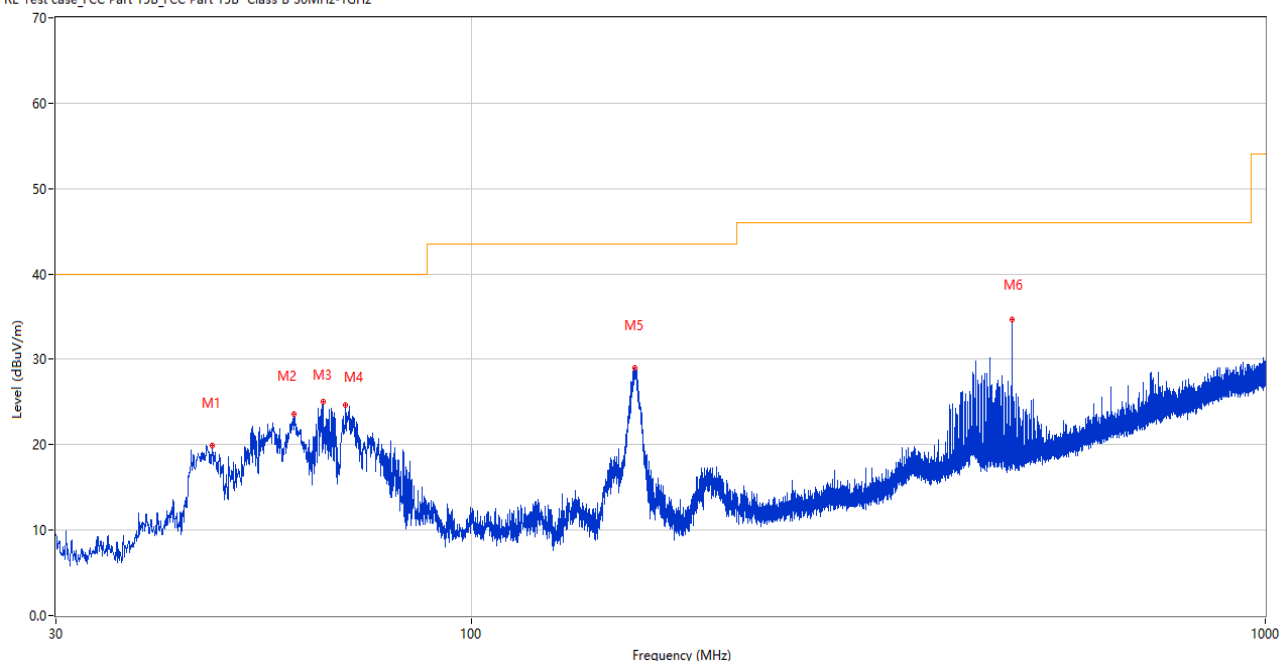
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

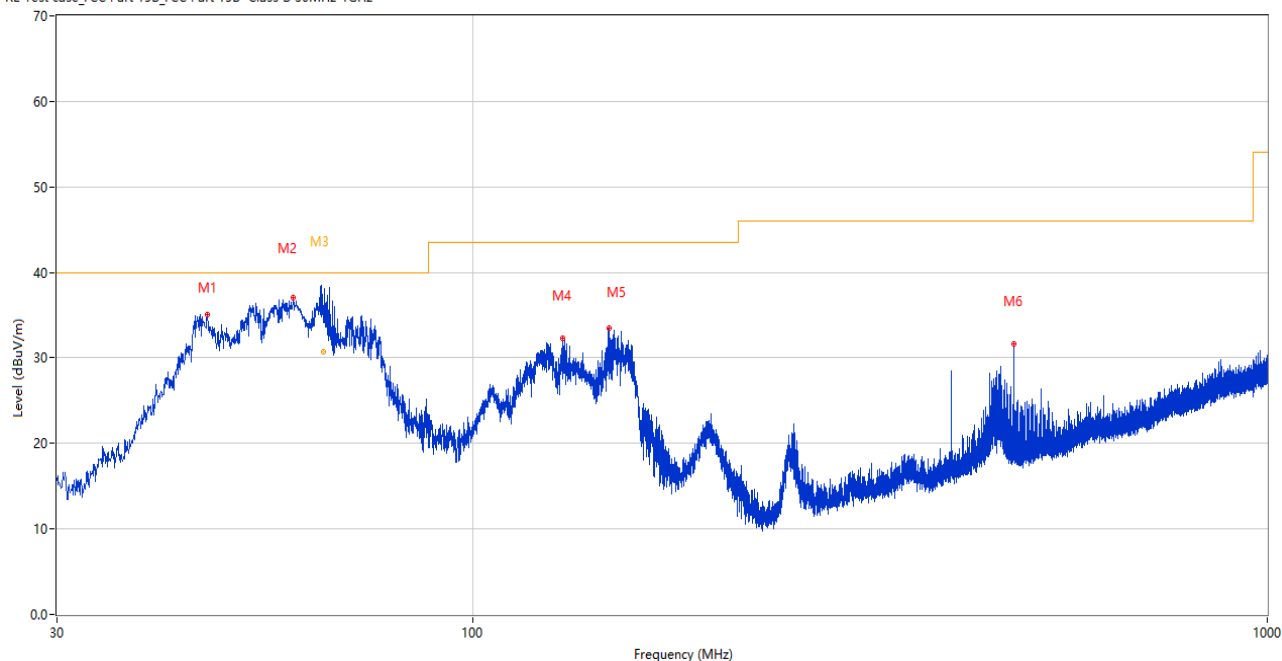
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.218	19.95	-25.52	40.0	20.05	Peak	287.00	100	Horizontal	Pass
2	59.828	23.54	-26.84	40.0	16.46	Peak	348.00	100	Horizontal	Pass
3	65.066	25.08	-27.56	40.0	14.92	Peak	331.00	100	Horizontal	Pass
4	69.479	24.66	-29.14	40.0	15.34	Peak	311.00	100	Horizontal	Pass
5	160.659	29.06	-29.54	43.5	14.44	Peak	167.00	200	Horizontal	Pass
6	480.031	34.66	-19.19	46.0	11.34	Peak	144.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.344	35.13	-25.56	40.0	4.87	Peak	22.00	100	Vertical	Pass
2	59.536	36.98	-26.77	40.0	3.02	Peak	231.00	100	Vertical	Pass
3	64.972	37.02	-27.36	40.0	2.98	Peak	224.00	106	Vertical	N/A
3*	64.972	30.69	-27.36	40.0	9.31	QP	224.00	106	Vertical	Pass
4	129.813	32.35	-29.70	43.5	11.15	Peak	290.00	100	Vertical	Pass
5	148.340	33.50	-30.13	43.5	10.00	Peak	88.00	100	Vertical	Pass
6	480.031	31.70	-19.19	46.0	14.30	Peak	230.00	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.

ANT-0

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	1565.800	42.98	-16.75	74.0	31.02	Peak	143.00	200	Horizontal	Pass
1**	1565.800	32.91	-16.75	54.0	21.09	AV	143.00	200	Horizontal	Pass
2	2410.800	100.22	-10.01	74.0	-26.22	Peak	58.00	200	Horizontal	N/A
2**	2410.800	97.31	-10.01	54.0	-43.31	AV	58.00	200	Horizontal	N/A
3	4824.000	52.33	-1.77	74.0	21.67	Peak	147.00	100	Horizontal	Pass
3**	4824.000	49.94	-1.77	54.0	4.06	AV	147.00	100	Horizontal	Pass
4	7840.250	53.92	3.21	74.0	20.08	Peak	332.00	300	Horizontal	Pass
4**	7840.250	46.06	3.21	54.0	7.94	AV	332.00	300	Horizontal	Pass
5	10202.812	51.61	-2.01	74.0	22.39	Peak	252.00	400	Horizontal	Pass
5**	10202.812	42.48	-2.01	54.0	11.52	AV	252.00	400	Horizontal	Pass
6	16781.738	52.40	0.51	74.0	21.60	Peak	241.00	400	Horizontal	Pass
6**	16781.738	42.60	0.51	54.0	11.40	AV	241.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	43.74	-16.67	74.0	30.26	Peak	267.00	400	Vertical	Pass
1**	1329.200	32.31	-16.67	54.0	21.69	AV	267.00	400	Vertical	Pass
2	2410.800	108.02	-10.01	74.0	-34.02	Peak	254.00	150	Vertical	N/A
2**	2410.800	105.10	-10.01	54.0	-51.10	AV	254.00	150	Vertical	N/A
3	4824.250	50.93	-1.77	74.0	23.07	Peak	38.00	150	Vertical	Pass
3**	4824.250	48.10	-1.77	54.0	5.90	AV	38.00	150	Vertical	Pass
4	7759.750	53.93	1.70	74.0	20.07	Peak	225.00	300	Vertical	Pass
4**	7759.750	44.47	1.70	54.0	9.53	AV	225.00	300	Vertical	Pass
5	11074.201	52.03	-1.49	74.0	21.97	Peak	176.00	400	Vertical	Pass
5**	11074.201	41.89	-1.49	54.0	12.11	AV	176.00	400	Vertical	Pass
6	15744.862	52.32	0.30	74.0	21.68	Peak	179.00	100	Vertical	Pass
6**	15744.862	42.97	0.30	54.0	11.03	AV	179.00	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	1377.600	42.76	-16.97	74.0	31.24	Peak	320.00	200	Horizontal	Pass
1**	1377.600	32.00	-16.97	54.0	22.00	AV	320.00	200	Horizontal	Pass
2	2435.800	100.56	-8.98	74.0	-26.56	Peak	82.00	150	Horizontal	N/A
2**	2435.800	97.65	-8.98	54.0	-43.65	AV	82.00	150	Horizontal	N/A
3	4874.500	51.44	-2.45	74.0	22.56	Peak	152.00	150	Horizontal	Pass
3**	4874.500	50.67	-2.45	54.0	3.33	AV	152.00	150	Horizontal	Pass
4	7818.750	54.17	2.90	74.0	19.83	Peak	79.00	100	Horizontal	Pass
4**	7818.750	44.45	2.90	54.0	9.55	AV	79.00	100	Horizontal	Pass
5	10973.263	52.34	-2.07	74.0	21.66	Peak	24.00	400	Horizontal	Pass
5**	10973.263	41.58	-2.07	54.0	12.42	AV	24.00	400	Horizontal	Pass
6	15764.025	52.63	-0.01	74.0	21.37	Peak	319.00	400	Horizontal	Pass
6**	15764.025	43.00	-0.01	54.0	11.00	AV	319.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.700	42.86	-17.06	74.0	31.14	Peak	142.00	100	Vertical	Pass
1**	1215.700	33.92	-17.06	54.0	20.08	AV	142.00	100	Vertical	Pass
2	2435.500	109.21	-8.93	74.0	-35.21	Peak	249.00	150	Vertical	N/A
2**	2435.500	106.25	-8.93	54.0	-52.25	AV	249.00	150	Vertical	N/A
3	4999.750	51.48	-2.19	74.0	22.52	Peak	145.00	100	Vertical	Pass
3**	4999.750	43.02	-2.19	54.0	10.98	AV	145.00	100	Vertical	Pass
4	7835.250	54.77	3.50	74.0	19.23	Peak	360.00	300	Vertical	Pass
4**	7835.250	44.66	3.50	54.0	9.34	AV	360.00	300	Vertical	Pass
5	10956.162	51.60	-2.40	74.0	22.40	Peak	26.00	200	Vertical	Pass
5**	10956.162	40.90	-2.40	54.0	13.10	AV	26.00	200	Vertical	Pass
6	16796.700	52.21	1.04	74.0	21.79	Peak	205.00	300	Vertical	Pass
6**	16796.700	43.29	1.04	54.0	10.71	AV	205.00	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	1391.900	43.13	-16.70	74.0	30.87	Peak	58.00	200	Horizontal	Pass
1**	1391.900	33.10	-16.70	54.0	20.90	AV	58.00	200	Horizontal	Pass
2	2460.800	100.24	-9.73	74.0	-26.24	Peak	84.00	150	Horizontal	N/A
2**	2460.800	97.28	-9.73	54.0	-43.28	AV	84.00	150	Horizontal	N/A
3	4924.250	53.10	-2.70	74.0	20.90	Peak	159.00	150	Horizontal	Pass
3**	4924.250	50.30	-2.70	54.0	3.70	AV	159.00	150	Horizontal	Pass
4	7989.250	53.78	1.67	74.0	20.22	Peak	120.00	400	Horizontal	Pass
4**	7989.250	43.78	1.67	54.0	10.22	AV	120.00	400	Horizontal	Pass
5	10815.799	51.27	-2.65	74.0	22.73	Peak	91.00	400	Horizontal	Pass
5**	10815.799	42.42	-2.65	54.0	11.58	AV	91.00	400	Horizontal	Pass
6	16448.887	52.29	0.51	74.0	21.71	Peak	172.00	400	Horizontal	Pass
6**	16448.887	43.18	0.51	54.0	10.82	AV	172.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	44.22	-16.68	74.0	29.78	Peak	205.00	200	Vertical	Pass
1**	1331.000	32.83	-16.68	54.0	21.17	AV	205.00	200	Vertical	Pass
2	2460.800	108.50	-9.73	74.0	-34.50	Peak	245.00	150	Vertical	N/A
2**	2460.800	105.59	-9.73	54.0	-51.59	AV	245.00	150	Vertical	N/A
3	4924.000	51.86	-2.69	74.0	22.14	Peak	47.00	150	Vertical	Pass
3**	4924.000	46.71	-2.69	54.0	7.29	AV	47.00	150	Vertical	Pass
4	7958.000	54.09	1.72	74.0	19.91	Peak	132.00	100	Vertical	Pass
4**	7958.000	43.78	1.72	54.0	10.22	AV	132.00	100	Vertical	Pass
5	10725.313	51.37	-2.04	74.0	22.63	Peak	244.00	200	Vertical	Pass
5**	10725.313	42.69	-2.04	54.0	11.31	AV	244.00	200	Vertical	Pass
6	16306.612	52.26	-0.39	74.0	21.74	Peak	217.00	100	Vertical	Pass
6**	16306.612	42.28	-0.39	54.0	11.72	AV	217.00	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	1206.400	45.29	-17.19	74.0	28.71	Peak	26.00	200	Horizontal	Pass
1**	1206.400	36.80	-17.19	54.0	17.20	AV	26.00	200	Horizontal	Pass
2	2410.800	106.99	-10.01	74.0	-32.99	Peak	58.00	100	Horizontal	N/A
2**	2410.800	100.31	-10.01	54.0	-46.31	AV	58.00	100	Horizontal	N/A
3	4827.000	55.40	-1.79	74.0	18.60	Peak	152.00	150	Horizontal	Pass
3**	4827.000	49.48	-1.79	54.0	4.52	AV	152.00	150	Horizontal	Pass
4	7854.250	54.18	1.95	74.0	19.82	Peak	23.00	100	Horizontal	Pass
4**	7854.250	44.32	1.95	54.0	9.68	AV	23.00	100	Horizontal	Pass
5	10846.675	52.54	-1.90	74.0	21.46	Peak	148.00	300	Horizontal	Pass
5**	10846.675	41.49	-1.90	54.0	12.51	AV	148.00	300	Horizontal	Pass
6	16353.863	52.00	0.76	74.0	22.00	Peak	0.00	300	Horizontal	Pass
6**	16353.863	42.62	0.76	54.0	11.38	AV	0.00	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	1206.400	45.55	-17.19	74.0	28.45	Peak	89.00	200	Vertical	Pass
1**	1206.400	37.83	-17.19	54.0	16.17	AV	89.00	200	Vertical	Pass
2	2413.200	112.52	-10.02	74.0	-38.52	Peak	244.00	200	Vertical	N/A
2**	2413.200	105.92	-10.02	54.0	-51.92	AV	244.00	200	Vertical	N/A
3	4823.000	52.97	-1.80	74.0	21.03	Peak	52.00	150	Vertical	Pass
3**	4823.000	48.53	-1.80	54.0	5.47	AV	52.00	150	Vertical	Pass
4	7849.500	54.04	2.49	74.0	19.96	Peak	212.00	100	Vertical	Pass
4**	7849.500	44.91	2.49	54.0	9.09	AV	212.00	100	Vertical	Pass
5	11107.213	51.56	-1.00	74.0	22.44	Peak	193.00	200	Vertical	Pass
5**	11107.213	41.77	-1.00	54.0	12.23	AV	193.00	200	Vertical	Pass
6	16347.037	52.26	0.76	74.0	21.74	Peak	254.00	400	Vertical	Pass
6**	16347.037	42.90	0.76	54.0	11.10	AV	254.00	400	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	1215.300	44.08	-17.02	74.0	29.92	Peak	27.00	100	Horizontal	Pass
1**	1215.300	34.98	-17.02	54.0	19.02	AV	27.00	100	Horizontal	Pass
2	2435.100	107.89	-8.93	74.0	-33.89	Peak	150.00	100	Horizontal	N/A
2**	2435.100	100.26	-8.93	54.0	-46.26	AV	150.00	100	Horizontal	N/A
3	4875.500	53.25	-2.35	74.0	20.75	Peak	144.00	150	Horizontal	Pass
3**	4875.500	48.79	-2.35	54.0	5.21	AV	144.00	150	Horizontal	Pass
4	7772.750	54.25	1.77	74.0	19.75	Peak	162.00	200	Horizontal	Pass
4**	7772.750	45.27	1.77	54.0	8.73	AV	162.00	200	Horizontal	Pass
5	11128.350	51.85	-0.97	74.0	22.15	Peak	302.00	300	Horizontal	Pass
5**	11128.350	42.34	-0.97	54.0	11.66	AV	302.00	300	Horizontal	Pass
6	15757.463	51.70	0.17	74.0	22.30	Peak	60.00	300	Horizontal	Pass
6**	15757.463	42.63	0.17	54.0	11.37	AV	60.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.800	45.16	-17.14	74.0	28.84	Peak	85.00	100	Vertical	Pass
1**	1218.800	36.85	-17.14	54.0	17.15	AV	85.00	100	Vertical	Pass
2	2435.500	112.92	-8.93	74.0	-38.92	Peak	264.00	100	Vertical	N/A
2**	2435.500	106.02	-8.93	54.0	-52.02	AV	264.00	100	Vertical	N/A
3	4875.000	52.28	-2.39	74.0	21.72	Peak	48.00	150	Vertical	Pass
3**	4875.000	47.83	-2.39	54.0	6.17	AV	48.00	150	Vertical	Pass
4	7845.250	53.89	2.78	74.0	20.11	Peak	142.00	400	Vertical	Pass
4**	7845.250	45.20	2.78	54.0	8.80	AV	142.00	400	Vertical	Pass
5	11068.262	51.31	-1.60	74.0	22.69	Peak	109.00	400	Vertical	Pass
5**	11068.262	41.87	-1.60	54.0	12.13	AV	109.00	400	Vertical	Pass
6	16351.500	52.29	0.81	74.0	21.71	Peak	23.00	200	Vertical	Pass
6**	16351.500	42.90	0.81	54.0	11.10	AV	23.00	200	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	1231.900	44.07	-17.15	74.0	29.93	Peak	19.00	400	Horizontal	Pass
1**	1231.900	35.71	-17.15	54.0	18.29	AV	19.00	400	Horizontal	Pass
2	2463.000	106.24	-9.74	74.0	-32.24	Peak	61.00	150	Horizontal	N/A
2**	2463.000	98.87	-9.74	54.0	-44.87	AV	61.00	150	Horizontal	N/A
3	4922.500	51.54	-2.67	74.0	22.46	Peak	157.00	150	Horizontal	Pass
3**	4922.500	47.82	-2.67	54.0	6.18	AV	157.00	150	Horizontal	Pass
4	7755.000	54.06	1.69	74.0	19.94	Peak	263.00	300	Horizontal	Pass
4**	7755.000	44.10	1.69	54.0	9.90	AV	263.00	300	Horizontal	Pass
5	9847.750	51.56	-1.96	74.0	22.44	Peak	250.00	400	Horizontal	Pass
5**	9847.750	42.29	-1.96	54.0	11.71	AV	250.00	400	Horizontal	Pass
6	16342.838	52.43	0.64	74.0	21.57	Peak	45.00	200	Horizontal	Pass
6**	16342.838	43.52	0.64	54.0	10.48	AV	45.00	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	1230.700	44.83	-17.17	74.0	29.17	Peak	87.00	100	Vertical	Pass
1**	1230.700	36.04	-17.17	54.0	17.96	AV	87.00	100	Vertical	Pass
2	2463.000	112.62	-9.74	74.0	-38.62	Peak	264.00	150	Vertical	N/A
2**	2463.000	105.76	-9.74	54.0	-51.76	AV	264.00	150	Vertical	N/A
3	4926.000	52.95	-2.77	74.0	21.05	Peak	50.00	200	Vertical	Pass
3**	4926.000	45.52	-2.77	54.0	8.48	AV	50.00	200	Vertical	Pass
4	7930.000	53.86	2.52	74.0	20.14	Peak	171.00	300	Vertical	Pass
4**	7930.000	45.18	2.52	54.0	8.82	AV	171.00	300	Vertical	Pass
5	11130.013	52.19	-0.97	74.0	21.81	Peak	312.00	100	Vertical	Pass
5**	11130.013	42.92	-0.97	54.0	11.08	AV	312.00	100	Vertical	Pass
6	15749.588	52.88	0.37	74.0	21.12	Peak	132.00	200	Vertical	Pass
6**	15749.588	43.15	0.37	54.0	10.85	AV	132.00	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	1205.900	45.60	-17.21	74.0	28.40	Peak	20.00	200	Horizontal	Pass
1**	1205.900	37.90	-17.21	54.0	16.10	AV	20.00	200	Horizontal	Pass
2	2410.800	107.10	-10.01	74.0	-33.10	Peak	55.00	100	Horizontal	N/A
2**	2410.800	99.50	-10.01	54.0	-45.50	AV	55.00	100	Horizontal	N/A
3	4824.500	56.23	-1.78	74.0	17.77	Peak	133.00	150	Horizontal	Pass
3**	4824.500	49.01	-1.78	54.0	4.99	AV	133.00	150	Horizontal	Pass
4	7923.500	54.39	2.16	74.0	19.61	Peak	229.00	300	Horizontal	Pass
4**	7923.500	45.07	2.16	54.0	8.93	AV	229.00	300	Horizontal	Pass
5	11183.213	52.06	-1.51	74.0	21.94	Peak	94.00	300	Horizontal	Pass
5**	11183.213	42.21	-1.51	54.0	11.79	AV	94.00	300	Horizontal	Pass
6	15743.549	52.20	0.28	74.0	21.80	Peak	134.00	400	Horizontal	Pass
6**	15743.549	42.87	0.28	54.0	11.13	AV	134.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.500	45.47	-17.13	74.0	28.53	Peak	78.00	200	Vertical	Pass
1**	1202.500	36.28	-17.13	54.0	17.72	AV	78.00	200	Vertical	Pass
2	2410.300	112.36	-10.05	74.0	-38.36	Peak	267.00	150	Vertical	N/A
2**	2410.300	104.77	-10.05	54.0	-50.77	AV	267.00	150	Vertical	N/A
3	4823.000	51.55	-1.80	74.0	22.45	Peak	57.00	150	Vertical	Pass
3**	4823.000	49.52	-1.80	54.0	4.48	AV	57.00	150	Vertical	Pass
4	7917.250	53.68	1.72	74.0	20.32	Peak	247.00	300	Vertical	Pass
4**	7917.250	44.33	1.72	54.0	9.67	AV	247.00	300	Vertical	Pass
5	11184.638	51.53	-1.54	74.0	22.47	Peak	269.00	400	Vertical	Pass
5**	11184.638	42.68	-1.54	54.0	11.32	AV	269.00	400	Vertical	Pass
6	15745.388	52.96	0.31	74.0	21.04	Peak	205.00	400	Vertical	Pass
6**	15745.388	43.22	0.31	54.0	10.78	AV	205.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.300	44.63	-17.19	74.0	29.37	Peak	14.00	400	Horizontal	Pass
1**	1218.300	35.97	-17.19	54.0	18.03	AV	14.00	400	Horizontal	Pass
2	2435.700	107.33	-8.96	74.0	-33.33	Peak	153.00	200	Horizontal	N/A
2**	2435.700	99.98	-8.96	54.0	-45.98	AV	153.00	200	Horizontal	N/A
3	4874.750	53.13	-2.42	74.0	20.87	Peak	118.00	150	Horizontal	Pass
3**	4874.750	47.97	-2.42	54.0	6.03	AV	118.00	150	Horizontal	Pass
4	7904.500	54.42	2.37	74.0	19.58	Peak	360.00	400	Horizontal	Pass
4**	7904.500	45.03	2.37	54.0	8.97	AV	360.00	400	Horizontal	Pass
5	9355.650	51.88	-2.31	74.0	22.12	Peak	145.00	200	Horizontal	Pass
5**	9355.650	42.52	-2.31	54.0	11.48	AV	145.00	200	Horizontal	Pass
6	16337.588	52.43	0.49	74.0	21.57	Peak	251.00	300	Horizontal	Pass
6**	16337.588	43.23	0.49	54.0	10.77	AV	251.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.700	44.90	-17.03	74.0	29.10	Peak	90.00	200	Vertical	Pass
1**	1219.700	36.25	-17.03	54.0	17.75	AV	90.00	200	Vertical	Pass
2	2436.000	112.56	-9.01	74.0	-38.56	Peak	271.00	100	Vertical	N/A
2**	2436.000	105.59	-9.01	54.0	-51.59	AV	271.00	100	Vertical	N/A
3	4873.500	51.87	-2.60	74.0	22.13	Peak	127.00	150	Vertical	Pass
3**	4873.500	46.92	-2.60	54.0	7.08	AV	127.00	150	Vertical	Pass
4	7784.000	53.97	1.65	74.0	20.03	Peak	212.00	200	Vertical	Pass
4**	7784.000	44.16	1.65	54.0	9.84	AV	212.00	200	Vertical	Pass
5	10561.438	51.86	-2.00	74.0	22.14	Peak	276.00	400	Vertical	Pass
5**	10561.438	42.84	-2.00	54.0	11.16	AV	276.00	400	Vertical	Pass
6	15739.088	52.70	0.22	74.0	21.30	Peak	127.00	200	Vertical	Pass
6**	15739.088	42.84	0.22	54.0	11.16	AV	127.00	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	1585.500	42.98	-16.72	74.0	31.02	Peak	360.00	200	Horizontal	Pass
1**	1585.500	33.83	-16.72	54.0	20.17	AV	360.00	200	Horizontal	Pass
2	2460.800	106.11	-9.73	74.0	-32.11	Peak	65.00	150	Horizontal	N/A
2**	2460.800	98.73	-9.73	54.0	-44.73	AV	65.00	150	Horizontal	N/A
3	4915.000	53.03	-2.77	74.0	20.97	Peak	134.00	200	Horizontal	Pass
3**	4915.000	41.88	-2.77	54.0	12.12	AV	134.00	200	Horizontal	Pass
4	7820.000	54.33	3.06	74.0	19.67	Peak	168.00	400	Horizontal	Pass
4**	7820.000	46.02	3.06	54.0	7.98	AV	168.00	400	Horizontal	Pass
5	11132.151	51.91	-0.97	74.0	22.09	Peak	170.00	400	Horizontal	Pass
5**	11132.151	42.40	-0.97	54.0	11.60	AV	170.00	400	Horizontal	Pass
6	16772.551	52.61	0.18	74.0	21.39	Peak	108.00	100	Horizontal	Pass
6**	16772.551	42.97	0.18	54.0	11.03	AV	108.00	100	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	1229.900	44.07	-17.18	74.0	29.93	Peak	83.00	100	Vertical	Pass
1**	1229.900	35.06	-17.18	54.0	18.94	AV	83.00	100	Vertical	Pass
2	2460.800	111.69	-9.73	74.0	-37.69	Peak	273.00	150	Vertical	N/A
2**	2460.800	104.81	-9.73	54.0	-50.81	AV	273.00	150	Vertical	N/A
3	4930.500	52.41	-2.52	74.0	21.59	Peak	52.00	200	Vertical	Pass
3**	4930.500	43.74	-2.52	54.0	10.26	AV	52.00	200	Vertical	Pass
4	7915.000	54.19	1.92	74.0	19.81	Peak	0.00	200	Vertical	Pass
4**	7915.000	45.18	1.92	54.0	8.82	AV	0.00	200	Vertical	Pass
5	10711.775	51.93	-2.25	74.0	22.07	Peak	208.00	200	Vertical	Pass
5**	10711.775	41.78	-2.25	54.0	12.22	AV	208.00	200	Vertical	Pass
6	16476.975	52.70	0.43	74.0	21.30	Peak	132.00	300	Vertical	Pass
6**	16476.975	42.41	0.43	54.0	11.59	AV	132.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1210.800	44.48	-17.18	74.0	29.52	Peak	27.00	100	Horizontal	Pass
1**	1210.800	36.84	-17.18	54.0	17.16	AV	27.00	100	Horizontal	Pass
2	2423.700	107.39	-9.93	74.0	-33.39	Peak	152.00	200	Horizontal	N/A
2**	2423.700	99.94	-9.93	54.0	-45.94	AV	152.00	200	Horizontal	N/A
3	4842.250	54.41	-2.68	74.0	19.59	Peak	116.00	150	Horizontal	Pass
3**	4842.250	49.28	-2.68	54.0	4.72	AV	116.00	150	Horizontal	Pass
4	7520.000	53.91	2.10	74.0	20.09	Peak	290.00	200	Horizontal	Pass
4**	7520.000	44.49	2.10	54.0	9.51	AV	290.00	200	Horizontal	Pass
5	11151.388	52.21	-0.97	74.0	21.79	Peak	269.00	100	Horizontal	Pass
5**	11151.388	42.72	-0.97	54.0	11.28	AV	269.00	100	Horizontal	Pass
6	15738.037	51.79	0.21	74.0	22.21	Peak	69.00	200	Horizontal	Pass
6**	15738.037	42.23	0.21	54.0	11.77	AV	69.00	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	1214.600	45.15	-16.96	74.0	28.85	Peak	82.00	400	Vertical	Pass
1**	1214.600	35.29	-16.96	54.0	18.71	AV	82.00	400	Vertical	Pass
2	2420.800	112.20	-10.00	74.0	-38.20	Peak	237.00	200	Vertical	N/A
2**	2420.800	105.69	-10.00	54.0	-51.69	AV	237.00	200	Vertical	N/A
3	4846.250	51.43	-2.84	74.0	22.57	Peak	332.00	150	Vertical	Pass
3**	4846.250	47.68	-2.84	54.0	6.32	AV	332.00	150	Vertical	Pass
4	7931.000	54.19	2.47	74.0	19.81	Peak	38.00	300	Vertical	Pass
4**	7931.000	44.36	2.47	54.0	9.64	AV	38.00	300	Vertical	Pass
5	11119.088	51.23	-0.99	74.0	22.77	Peak	0.00	100	Vertical	Pass
5**	11119.088	42.79	-0.99	54.0	11.21	AV	0.00	100	Vertical	Pass
6	16789.349	52.41	0.78	74.0	21.59	Peak	360.00	300	Vertical	Pass
6**	16789.349	42.76	0.78	54.0	11.24	AV	360.00	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	1219.100	44.97	-17.10	74.0	29.03	Peak	21.00	300	Horizontal	Pass
1**	1219.100	35.95	-17.10	54.0	18.05	AV	21.00	300	Horizontal	Pass
2	2435.400	107.79	-8.92	74.0	-33.79	Peak	152.00	200	Horizontal	N/A
2**	2435.400	101.31	-8.92	54.0	-47.31	AV	152.00	200	Horizontal	N/A
3	4869.250	52.87	-2.70	74.0	21.13	Peak	152.00	200	Horizontal	Pass
3**	4869.250	48.06	-2.70	54.0	5.94	AV	152.00	200	Horizontal	Pass
4	7879.250	53.84	2.90	74.0	20.16	Peak	135.00	100	Horizontal	Pass
4**	7879.250	44.86	2.90	54.0	9.14	AV	135.00	100	Horizontal	Pass
5	11385.800	51.51	-1.71	74.0	22.49	Peak	266.00	200	Horizontal	Pass
5**	11385.800	42.95	-1.71	54.0	11.05	AV	266.00	200	Horizontal	Pass
6	16787.511	51.98	0.71	74.0	22.02	Peak	19.00	200	Horizontal	Pass
6**	16787.511	42.94	0.71	54.0	11.06	AV	19.00	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	1220.100	45.79	-17.03	74.0	28.21	Peak	82.00	300	Vertical	Pass
1**	1220.100	36.36	-17.03	54.0	17.64	AV	82.00	300	Vertical	Pass
2	2435.700	113.14	-8.96	74.0	-39.14	Peak	254.00	100	Vertical	N/A
2**	2435.700	105.66	-8.96	54.0	-51.66	AV	254.00	100	Vertical	N/A
3	4873.500	52.28	-2.60	74.0	21.72	Peak	350.00	100	Vertical	Pass
3**	4873.500	47.02	-2.60	54.0	6.98	AV	350.00	100	Vertical	Pass
4	7525.500	53.75	2.10	74.0	20.25	Peak	229.00	400	Vertical	Pass
4**	7525.500	44.44	2.10	54.0	9.56	AV	229.00	400	Vertical	Pass
5	10702.750	51.43	-2.39	74.0	22.57	Peak	17.00	400	Vertical	Pass
5**	10702.750	42.14	-2.39	54.0	11.86	AV	17.00	400	Vertical	Pass
6	16333.912	52.21	0.39	74.0	21.79	Peak	359.00	400	Vertical	Pass
6**	16333.912	42.99	0.39	54.0	11.01	AV	359.00	400	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	1410.700	42.44	-16.54	74.0	31.56	Peak	5.00	300	Horizontal	Pass
1**	1410.700	33.25	-16.54	54.0	20.75	AV	5.00	300	Horizontal	Pass
2	2455.600	103.59	-9.89	74.0	-29.59	Peak	152.00	100	Horizontal	N/A
2**	2455.600	95.86	-9.89	54.0	-41.86	AV	152.00	100	Horizontal	N/A
3	4896.250	51.58	-2.56	74.0	22.42	Peak	135.00	200	Horizontal	Pass
3**	4896.250	42.43	-2.56	54.0	11.57	AV	135.00	200	Horizontal	Pass
4	7821.750	54.40	2.72	74.0	19.60	Peak	346.00	400	Horizontal	Pass
4**	7821.750	44.38	2.72	54.0	9.62	AV	346.00	400	Horizontal	Pass
5	11158.038	51.78	-1.08	74.0	22.22	Peak	145.00	100	Horizontal	Pass
5**	11158.038	42.01	-1.08	54.0	11.99	AV	145.00	100	Horizontal	Pass
6	16321.838	52.58	0.05	74.0	21.42	Peak	278.00	200	Horizontal	Pass
6**	16321.838	43.92	0.05	54.0	10.08	AV	278.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.600	42.43	-16.51	74.0	31.57	Peak	194.00	400	Vertical	Pass
1**	1408.600	32.66	-16.51	54.0	21.34	AV	194.00	400	Vertical	Pass
2	2450.700	110.55	-9.94	74.0	-36.55	Peak	242.00	100	Vertical	N/A
2**	2450.700	102.45	-9.94	54.0	-48.45	AV	242.00	100	Vertical	N/A
3	4902.250	51.69	-2.47	74.0	22.31	Peak	47.00	100	Vertical	Pass
3**	4902.250	43.01	-2.47	54.0	10.99	AV	47.00	100	Vertical	Pass
4	7923.250	53.92	2.15	74.0	20.08	Peak	293.00	100	Vertical	Pass
4**	7923.250	44.55	2.15	54.0	9.45	AV	293.00	100	Vertical	Pass
5	10723.174	52.17	-2.07	74.0	21.83	Peak	72.00	400	Vertical	Pass
5**	10723.174	43.29	-2.07	54.0	10.71	AV	72.00	400	Vertical	Pass
6	15761.662	51.86	0.05	74.0	22.14	Peak	127.00	100	Vertical	Pass
6**	15761.662	43.10	0.05	54.0	10.90	AV	127.00	100	Vertical	Pass

ANT-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	1581.500	42.90	-16.63	74.0	31.10	Peak	237.00	300	Horizontal	Pass
1**	1581.500	32.72	-16.63	54.0	21.28	AV	237.00	300	Horizontal	Pass
2	2410.800	104.43	-10.01	74.0	-30.43	Peak	7.00	100	Horizontal	N/A
2**	2410.800	101.55	-10.01	54.0	-47.55	AV	7.00	100	Horizontal	N/A
3	4824.250	52.44	-1.77	74.0	21.56	Peak	157.00	150	Horizontal	Pass
3**	4824.250	50.55	-1.77	54.0	3.45	AV	157.00	150	Horizontal	Pass
4	7814.500	53.80	2.16	74.0	20.20	Peak	224.00	300	Horizontal	Pass
4**	7814.500	44.17	2.16	54.0	9.83	AV	224.00	300	Horizontal	Pass
5	11174.187	51.86	-1.36	74.0	22.14	Peak	160.00	400	Horizontal	Pass
5**	11174.187	42.29	-1.36	54.0	11.71	AV	160.00	400	Horizontal	Pass
6	16783.051	51.91	0.55	74.0	22.09	Peak	23.00	100	Horizontal	Pass
6**	16783.051	41.52	0.55	54.0	12.48	AV	23.00	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	1472.800	42.53	-16.43	74.0	31.47	Peak	201.00	200	Vertical	Pass
1**	1472.800	32.96	-16.43	54.0	21.04	AV	201.00	200	Vertical	Pass
2	2413.200	103.99	-10.02	74.0	-29.99	Peak	138.00	150	Vertical	N/A
2**	2413.200	101.07	-10.02	54.0	-47.07	AV	138.00	150	Vertical	N/A
3	4995.750	50.31	-2.15	74.0	23.69	Peak	140.00	200	Vertical	Pass
3**	4995.750	43.90	-2.15	54.0	10.10	AV	140.00	200	Vertical	Pass
4	7857.000	54.25	2.15	74.0	19.75	Peak	212.00	400	Vertical	Pass
4**	7857.000	44.28	2.15	54.0	9.72	AV	212.00	400	Vertical	Pass
5	10802.500	51.66	-2.96	74.0	22.34	Peak	290.00	100	Vertical	Pass
5**	10802.500	42.84	-2.96	54.0	11.16	AV	290.00	100	Vertical	Pass
6	16270.125	52.25	-0.86	74.0	21.75	Peak	196.00	300	Vertical	Pass
6**	16270.125	44.39	-0.86	54.0	9.61	AV	196.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.100	43.33	-16.66	74.0	30.67	Peak	133.00	300	Horizontal	Pass
1**	1345.100	32.75	-16.66	54.0	21.25	AV	133.00	300	Horizontal	Pass
2	2435.700	105.16	-8.96	74.0	-31.16	Peak	21.00	100	Horizontal	N/A
2**	2435.700	102.20	-8.96	54.0	-48.20	AV	21.00	100	Horizontal	N/A
3	4874.000	52.38	-2.53	74.0	21.62	Peak	161.00	150	Horizontal	Pass
3**	4874.000	49.07	-2.53	54.0	4.93	AV	161.00	150	Horizontal	Pass
4	7773.500	54.07	1.80	74.0	19.93	Peak	360.00	200	Horizontal	Pass
4**	7773.500	44.36	1.80	54.0	9.64	AV	360.00	200	Horizontal	Pass
5	11120.987	51.43	-0.98	74.0	22.57	Peak	165.00	400	Horizontal	Pass
5**	11120.987	42.51	-0.98	54.0	11.49	AV	165.00	400	Horizontal	Pass
6	16332.599	52.79	0.35	74.0	21.21	Peak	343.00	300	Horizontal	Pass
6**	16332.599	44.07	0.35	54.0	9.93	AV	343.00	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	1329.800	45.53	-16.67	74.0	28.47	Peak	206.00	300	Vertical	Pass
1**	1329.800	33.33	-16.67	54.0	20.67	AV	206.00	300	Vertical	Pass
2	2435.600	103.54	-8.95	74.0	-29.54	Peak	150.00	200	Vertical	N/A
2**	2435.600	100.58	-8.95	54.0	-46.58	AV	150.00	200	Vertical	N/A
3	4996.500	50.82	-2.17	74.0	23.18	Peak	152.00	200	Vertical	Pass
3**	4996.500	43.40	-2.17	54.0	10.60	AV	152.00	200	Vertical	Pass
4	7919.250	54.40	1.60	74.0	19.60	Peak	258.00	300	Vertical	Pass
4**	7919.250	45.58	1.60	54.0	8.42	AV	258.00	300	Vertical	Pass
5	10709.162	51.93	-2.29	74.0	22.07	Peak	80.00	400	Vertical	Pass
5**	10709.162	42.34	-2.29	54.0	11.66	AV	80.00	400	Vertical	Pass
6	16790.137	51.44	0.81	74.0	22.56	Peak	1.00	200	Vertical	Pass
6**	16790.137	42.39	0.81	54.0	11.61	AV	1.00	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	1400.200	42.92	-16.73	74.0	31.08	Peak	67.00	300	Horizontal	Pass
1**	1400.200	33.62	-16.73	54.0	20.38	AV	67.00	300	Horizontal	Pass
2	2460.700	105.90	-9.73	74.0	-31.90	Peak	10.00	150	Horizontal	N/A
2**	2460.700	103.00	-9.73	54.0	-49.00	AV	10.00	150	Horizontal	N/A
3	4924.250	52.17	-2.70	74.0	21.83	Peak	152.00	150	Horizontal	Pass
3**	4924.250	50.17	-2.70	54.0	3.83	AV	152.00	150	Horizontal	Pass
4	7548.750	54.00	1.42	74.0	20.00	Peak	82.00	200	Horizontal	Pass
4**	7548.750	44.67	1.42	54.0	9.33	AV	82.00	200	Horizontal	Pass
5	11310.276	51.47	-2.44	74.0	22.53	Peak	327.00	400	Horizontal	Pass
5**	11310.276	40.94	-2.44	54.0	13.06	AV	327.00	400	Horizontal	Pass
6	16338.638	51.93	0.52	74.0	22.07	Peak	1.00	400	Horizontal	Pass
6**	16338.638	43.92	0.52	54.0	10.08	AV	1.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.100	42.88	-16.78	74.0	31.12	Peak	360.00	200	Vertical	Pass
1**	1327.100	33.32	-16.78	54.0	20.68	AV	360.00	200	Vertical	Pass
2	2460.800	103.64	-9.73	74.0	-29.64	Peak	167.00	200	Vertical	N/A
2**	2460.800	100.74	-9.73	54.0	-46.74	AV	167.00	200	Vertical	N/A
3	4997.000	50.91	-2.18	74.0	23.09	Peak	154.00	150	Vertical	Pass
3**	4997.000	43.12	-2.18	54.0	10.88	AV	154.00	150	Vertical	Pass
4	7915.000	53.69	1.92	74.0	20.31	Peak	13.00	400	Vertical	Pass
4**	7915.000	44.63	1.92	54.0	9.37	AV	13.00	400	Vertical	Pass
5	11126.925	52.24	-0.98	74.0	21.76	Peak	291.00	400	Vertical	Pass
5**	11126.925	42.08	-0.98	54.0	11.92	AV	291.00	400	Vertical	Pass
6	15750.112	52.06	0.37	74.0	21.94	Peak	0.00	300	Vertical	Pass
6**	15750.112	43.92	0.37	54.0	10.08	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.400	42.98	-16.48	74.0	31.02	Peak	21.00	300	Horizontal	Pass
1**	1535.400	33.13	-16.48	54.0	20.87	AV	21.00	300	Horizontal	Pass
2	2413.100	109.19	-10.01	74.0	-35.19	Peak	12.00	100	Horizontal	N/A
2**	2413.100	101.87	-10.01	54.0	-47.87	AV	12.00	100	Horizontal	N/A
3	4822.500	53.64	-1.82	74.0	20.36	Peak	135.00	150	Horizontal	Pass
3**	4822.500	51.03	-1.82	54.0	2.97	AV	135.00	150	Horizontal	Pass
4	7930.750	53.91	2.51	74.0	20.09	Peak	207.00	300	Horizontal	Pass
4**	7930.750	44.56	2.51	54.0	9.44	AV	207.00	300	Horizontal	Pass
5	10730.776	51.44	-1.95	74.0	22.56	Peak	23.00	300	Horizontal	Pass
5**	10730.776	42.61	-1.95	54.0	11.39	AV	23.00	300	Horizontal	Pass
6	16311.599	52.29	-0.25	74.0	21.71	Peak	271.00	400	Horizontal	Pass
6**	16311.599	43.04	-0.25	54.0	10.96	AV	271.00	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	1498.500	44.47	-16.60	74.0	29.53	Peak	281.00	300	Vertical	Pass
1**	1498.500	32.46	-16.60	54.0	21.54	AV	281.00	300	Vertical	Pass
2	2413.200	111.29	-10.02	74.0	-37.29	Peak	89.00	100	Vertical	N/A
2**	2413.200	103.07	-10.02	54.0	-49.07	AV	89.00	100	Vertical	N/A
3	4827.000	50.34	-1.79	74.0	23.66	Peak	154.00	150	Vertical	Pass
3**	4827.000	46.64	-1.79	54.0	7.36	AV	154.00	150	Vertical	Pass
4	7420.250	53.60	1.42	74.0	20.40	Peak	4.00	200	Vertical	Pass
4**	7420.250	42.84	1.42	54.0	11.16	AV	4.00	200	Vertical	Pass
5	11131.912	51.81	-0.97	74.0	22.19	Peak	352.00	400	Vertical	Pass
5**	11131.912	42.46	-0.97	54.0	11.54	AV	352.00	400	Vertical	Pass
6	16333.912	52.74	0.39	74.0	21.26	Peak	285.00	100	Vertical	Pass
6**	16333.912	42.86	0.39	54.0	11.14	AV	285.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.200	49.22	-16.76	74.0	24.78	Peak	227.00	100	Horizontal	Pass
1**	1436.200	37.11	-16.76	54.0	16.89	AV	227.00	100	Horizontal	Pass
2	2434.700	109.53	-8.97	74.0	-35.53	Peak	146.00	150	Horizontal	N/A
2**	2434.700	102.17	-8.97	54.0	-48.17	AV	146.00	150	Horizontal	N/A
3	4876.000	53.28	-2.30	74.0	20.72	Peak	128.00	150	Horizontal	Pass
3**	4876.000	49.68	-2.30	54.0	4.32	AV	128.00	150	Horizontal	Pass
4	7535.000	53.76	2.29	74.0	20.24	Peak	128.00	200	Horizontal	Pass
4**	7535.000	44.47	2.29	54.0	9.53	AV	128.00	200	Horizontal	Pass
5	11125.500	52.03	-0.98	74.0	21.97	Peak	310.00	200	Horizontal	Pass
5**	11125.500	42.23	-0.98	54.0	11.77	AV	310.00	200	Horizontal	Pass
6	15751.425	52.08	0.33	74.0	21.92	Peak	52.00	300	Horizontal	Pass
6**	15751.425	42.55	0.33	54.0	11.45	AV	52.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	44.08	-16.67	74.0	29.92	Peak	360.00	100	Vertical	Pass
1**	1330.500	32.79	-16.67	54.0	21.21	AV	360.00	100	Vertical	Pass
2	2435.100	108.16	-8.93	74.0	-34.16	Peak	136.00	200	Vertical	N/A
2**	2435.100	100.88	-8.93	54.0	-46.88	AV	136.00	200	Vertical	N/A
3	4995.750	51.39	-2.15	74.0	22.61	Peak	156.00	200	Vertical	Pass
3**	4995.750	42.82	-2.15	54.0	11.18	AV	156.00	200	Vertical	Pass
4	7832.250	54.06	3.33	74.0	19.94	Peak	62.00	300	Vertical	Pass
4**	7832.250	45.42	3.33	54.0	8.58	AV	62.00	300	Vertical	Pass
5	11153.762	52.34	-1.01	74.0	21.66	Peak	80.00	400	Vertical	Pass
5**	11153.762	42.00	-1.01	54.0	12.00	AV	80.00	400	Vertical	Pass
6	16347.563	52.64	0.78	74.0	21.36	Peak	79.00	100	Vertical	Pass
6**	16347.563	43.32	0.78	54.0	10.68	AV	79.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.900	42.39	-16.25	74.0	31.61	Peak	210.00	300	Horizontal	Pass
1**	1478.900	33.67	-16.25	54.0	20.33	AV	210.00	300	Horizontal	Pass
2	2462.900	110.18	-9.74	74.0	-36.18	Peak	360.00	150	Horizontal	N/A
2**	2462.900	103.02	-9.74	54.0	-49.02	AV	360.00	150	Horizontal	N/A
3	4926.250	53.89	-2.78	74.0	20.11	Peak	166.00	150	Horizontal	Pass
3**	4926.250	48.07	-2.78	54.0	5.93	AV	166.00	150	Horizontal	Pass
4	7845.750	54.17	2.72	74.0	19.83	Peak	137.00	300	Horizontal	Pass
4**	7845.750	44.86	2.72	54.0	9.14	AV	137.00	300	Horizontal	Pass
5	11162.550	51.66	-1.16	74.0	22.34	Peak	352.00	300	Horizontal	Pass
5**	11162.550	42.09	-1.16	54.0	11.91	AV	352.00	300	Horizontal	Pass
6	16342.050	52.50	0.62	74.0	21.50	Peak	203.00	200	Horizontal	Pass
6**	16342.050	43.41	0.62	54.0	10.59	AV	203.00	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	1332.000	42.97	-16.70	74.0	31.03	Peak	210.00	400	Vertical	Pass
1**	1332.000	32.60	-16.70	54.0	21.40	AV	210.00	400	Vertical	Pass
2	2457.200	109.07	-9.71	74.0	-35.07	Peak	63.00	100	Vertical	N/A
2**	2457.200	100.68	-9.71	54.0	-46.68	AV	63.00	100	Vertical	N/A
3	4921.250	50.60	-2.69	74.0	23.40	Peak	149.00	150	Vertical	Pass
3**	4921.250	42.95	-2.69	54.0	11.05	AV	149.00	150	Vertical	Pass
4	7925.500	53.99	2.19	74.0	20.01	Peak	232.00	100	Vertical	Pass
4**	7925.500	44.66	2.19	54.0	9.34	AV	232.00	100	Vertical	Pass
5	10711.063	52.40	-2.26	74.0	21.60	Peak	39.00	400	Vertical	Pass
5**	10711.063	42.20	-2.26	54.0	11.80	AV	39.00	400	Vertical	Pass
6	15741.712	52.09	0.26	74.0	21.91	Peak	151.00	200	Vertical	Pass
6**	15741.712	43.04	0.26	54.0	10.96	AV	151.00	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	1543.600	42.60	-16.48	74.0	31.40	Peak	210.00	400	Horizontal	Pass
1**	1543.600	33.24	-16.48	54.0	20.76	AV	210.00	400	Horizontal	Pass
2	2411.000	109.48	-9.99	74.0	-35.48	Peak	0.00	100	Horizontal	N/A
2**	2411.000	102.17	-9.99	54.0	-48.17	AV	0.00	100	Horizontal	N/A
3	4824.750	54.35	-1.79	74.0	19.65	Peak	154.00	150	Horizontal	Pass
3**	4824.750	50.72	-1.79	54.0	3.28	AV	154.00	150	Horizontal	Pass
4	7906.750	53.64	2.20	74.0	20.36	Peak	266.00	200	Horizontal	Pass
4**	7906.750	44.49	2.20	54.0	9.51	AV	266.00	200	Horizontal	Pass
5	11146.162	51.55	-0.95	74.0	22.45	Peak	26.00	100	Horizontal	Pass
5**	11146.162	42.28	-0.95	54.0	11.72	AV	26.00	100	Horizontal	Pass
6	16335.750	51.92	0.44	74.0	22.08	Peak	173.00	400	Horizontal	Pass
6**	16335.750	42.99	0.44	54.0	11.01	AV	173.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	44.22	-16.67	74.0	29.78	Peak	0.00	300	Vertical	Pass
1**	1328.600	36.51	-16.67	54.0	17.49	AV	0.00	300	Vertical	Pass
2	2410.900	109.01	-10.00	74.0	-35.01	Peak	138.00	150	Vertical	N/A
2**	2410.900	102.07	-10.00	54.0	-48.07	AV	138.00	150	Vertical	N/A
3	4821.750	52.17	-1.86	74.0	21.83	Peak	161.00	200	Vertical	Pass
3**	4821.750	44.26	-1.86	54.0	9.74	AV	161.00	200	Vertical	Pass
4	7472.500	53.66	1.88	74.0	20.34	Peak	152.00	100	Vertical	Pass
4**	7472.500	45.78	1.88	54.0	8.22	AV	152.00	100	Vertical	Pass
5	10733.625	51.44	-1.91	74.0	22.56	Peak	339.00	200	Vertical	Pass
5**	10733.625	41.52	-1.91	54.0	12.48	AV	339.00	200	Vertical	Pass
6	15750.112	52.61	0.37	74.0	21.39	Peak	224.00	100	Vertical	Pass
6**	15750.112	42.84	0.37	54.0	11.16	AV	224.00	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	1482.300	43.83	-16.47	74.0	30.17	Peak	297.00	300	Horizontal	Pass
1**	1482.300	32.90	-16.47	54.0	21.10	AV	297.00	300	Horizontal	Pass
2	2435.600	111.04	-8.95	74.0	-37.04	Peak	22.00	150	Horizontal	N/A
2**	2435.600	103.56	-8.95	54.0	-49.56	AV	22.00	150	Horizontal	N/A
3	4874.500	53.52	-2.45	74.0	20.48	Peak	150.00	150	Horizontal	Pass
3**	4874.500	50.65	-2.45	54.0	3.35	AV	150.00	150	Horizontal	Pass
4	7628.250	54.46	0.87	74.0	19.54	Peak	55.00	400	Horizontal	Pass
4**	7628.250	43.48	0.87	54.0	10.52	AV	55.00	400	Horizontal	Pass
5	10721.512	52.11	-2.10	74.0	21.89	Peak	36.00	300	Horizontal	Pass
5**	10721.512	41.86	-2.10	54.0	12.14	AV	36.00	300	Horizontal	Pass
6	15772.425	52.47	-0.24	74.0	21.53	Peak	122.00	300	Horizontal	Pass
6**	15772.425	42.28	-0.24	54.0	11.72	AV	122.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	43.41	-16.69	74.0	30.59	Peak	245.00	300	Vertical	Pass
1**	1333.200	34.38	-16.69	54.0	19.62	AV	245.00	300	Vertical	Pass
2	2433.800	109.31	-9.07	74.0	-35.31	Peak	138.00	100	Vertical	N/A
2**	2433.800	101.37	-9.07	54.0	-47.37	AV	138.00	100	Vertical	N/A
3	4874.250	52.86	-2.49	74.0	21.14	Peak	161.00	100	Vertical	Pass
3**	4874.250	43.52	-2.49	54.0	10.48	AV	161.00	100	Vertical	Pass
4	7533.250	53.99	2.26	74.0	20.01	Peak	360.00	400	Vertical	Pass
4**	7533.250	44.50	2.26	54.0	9.50	AV	360.00	400	Vertical	Pass
5	10704.175	51.80	-2.37	74.0	22.20	Peak	95.00	400	Vertical	Pass
5**	10704.175	42.34	-2.37	54.0	11.66	AV	95.00	400	Vertical	Pass
6	15740.662	51.73	0.24	74.0	22.27	Peak	35.00	400	Vertical	Pass
6**	15740.662	42.10	0.24	54.0	11.90	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	43.84	-16.77	74.0	30.16	Peak	98.00	100	Horizontal	Pass
1**	1327.200	31.93	-16.77	54.0	22.07	AV	98.00	100	Horizontal	Pass
2	2460.600	110.29	-9.73	74.0	-36.29	Peak	0.00	150	Horizontal	N/A
2**	2460.600	103.68	-9.73	54.0	-49.68	AV	0.00	150	Horizontal	N/A
3	4924.500	52.60	-2.71	74.0	21.40	Peak	157.00	150	Horizontal	Pass
3**	4924.500	47.56	-2.71	54.0	6.44	AV	157.00	150	Horizontal	Pass
4	7716.000	53.67	1.40	74.0	20.33	Peak	309.00	400	Horizontal	Pass
4**	7716.000	43.71	1.40	54.0	10.29	AV	309.00	400	Horizontal	Pass
5	11175.612	51.71	-1.38	74.0	22.29	Peak	263.00	100	Horizontal	Pass
5**	11175.612	42.66	-1.38	54.0	11.34	AV	263.00	100	Horizontal	Pass
6	15762.713	52.68	0.03	74.0	21.32	Peak	360.00	200	Horizontal	Pass
6**	15762.713	42.40	0.03	54.0	11.60	AV	360.00	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	1331.000	42.77	-16.68	74.0	31.23	Peak	0.00	200	Vertical	Pass
1**	1331.000	33.18	-16.68	54.0	20.82	AV	0.00	200	Vertical	Pass
2	2461.200	108.82	-9.73	74.0	-34.82	Peak	63.00	150	Vertical	N/A
2**	2461.200	101.92	-9.73	54.0	-47.92	AV	63.00	150	Vertical	N/A
3	4927.500	50.71	-2.79	74.0	23.29	Peak	148.00	100	Vertical	Pass
3**	4927.500	41.94	-2.79	54.0	12.06	AV	148.00	100	Vertical	Pass
4	7825.750	53.75	3.02	74.0	20.25	Peak	157.00	100	Vertical	Pass
4**	7825.750	44.46	3.02	54.0	9.54	AV	157.00	100	Vertical	Pass
5	11393.875	51.70	-1.68	74.0	22.30	Peak	352.00	300	Vertical	Pass
5**	11393.875	41.40	-1.68	54.0	12.60	AV	352.00	300	Vertical	Pass
6	16354.125	52.38	0.76	74.0	21.62	Peak	89.00	100	Vertical	Pass
6**	16354.125	43.23	0.76	54.0	10.77	AV	89.00	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	1429.200	42.93	-16.82	74.0	31.07	Peak	271.00	200	Horizontal	Pass
1**	1429.200	33.04	-16.82	54.0	20.96	AV	271.00	200	Horizontal	Pass
2	2424.200	108.53	-9.91	74.0	-34.53	Peak	143.00	150	Horizontal	N/A
2**	2424.200	100.72	-9.91	54.0	-46.72	AV	143.00	150	Horizontal	N/A
3	4851.500	54.00	-2.72	74.0	20.00	Peak	151.00	150	Horizontal	Pass
3**	4851.500	49.54	-2.72	54.0	4.46	AV	151.00	150	Horizontal	Pass
4	7925.250	54.45	2.18	74.0	19.55	Peak	258.00	300	Horizontal	Pass
4**	7925.250	45.58	2.18	54.0	8.42	AV	258.00	300	Horizontal	Pass
5	11175.850	51.83	-1.39	74.0	22.17	Peak	77.00	200	Horizontal	Pass
5**	11175.850	42.66	-1.39	54.0	11.34	AV	77.00	200	Horizontal	Pass
6	16792.500	52.41	0.89	74.0	21.59	Peak	195.00	200	Horizontal	Pass
6**	16792.500	44.31	0.89	54.0	9.69	AV	195.00	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	1328.300	44.70	-16.67	74.0	29.30	Peak	360.00	300	Vertical	Pass
1**	1328.300	37.20	-16.67	54.0	16.80	AV	360.00	300	Vertical	Pass
2	2424.000	107.82	-9.92	74.0	-33.82	Peak	148.00	200	Vertical	N/A
2**	2424.000	100.40	-9.92	54.0	-46.40	AV	148.00	200	Vertical	N/A
3	4827.000	51.23	-1.79	74.0	22.77	Peak	159.00	150	Vertical	Pass
3**	4827.000	42.13	-1.79	54.0	11.87	AV	159.00	150	Vertical	Pass
4	7739.250	53.98	1.26	74.0	20.02	Peak	298.00	200	Vertical	Pass
4**	7739.250	43.74	1.26	54.0	10.26	AV	298.00	200	Vertical	Pass
5	11190.100	51.57	-1.63	74.0	22.43	Peak	0.00	300	Vertical	Pass
5**	11190.100	42.52	-1.63	54.0	11.48	AV	0.00	300	Vertical	Pass
6	16504.801	52.54	0.32	74.0	21.46	Peak	360.00	100	Vertical	Pass
6**	16504.801	42.55	0.32	54.0	11.45	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	1426.800	42.58	-16.78	74.0	31.42	Peak	230.00	300	Horizontal	Pass
1**	1426.800	32.72	-16.78	54.0	21.28	AV	230.00	300	Horizontal	Pass
2	2435.400	108.74	-8.92	74.0	-34.74	Peak	34.00	100	Horizontal	N/A
2**	2435.400	100.93	-8.92	54.0	-46.93	AV	34.00	100	Horizontal	N/A
3	4875.000	53.59	-2.39	74.0	20.41	Peak	142.00	150	Horizontal	Pass
3**	4875.000	49.50	-2.39	54.0	4.50	AV	142.00	150	Horizontal	Pass
4	7849.000	54.39	2.47	74.0	19.61	Peak	132.00	200	Horizontal	Pass
4**	7849.000	43.99	2.47	54.0	10.01	AV	132.00	200	Horizontal	Pass
5	10722.463	52.05	-2.08	74.0	21.95	Peak	0.00	400	Horizontal	Pass
x5**	10722.463	42.12	-2.08	54.0	11.88	AV	0.00	400	Horizontal	Pass
6	16819.801	52.57	1.01	74.0	21.43	Peak	224.00	200	Horizontal	Pass
6**	16819.801	42.29	1.01	54.0	11.71	AV	224.00	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	1330.800	43.34	-16.67	74.0	30.66	Peak	0.00	200	Vertical	Pass
1**	1330.800	33.32	-16.67	54.0	20.68	AV	0.00	200	Vertical	Pass
2	2435.300	107.81	-8.91	74.0	-33.81	Peak	152.00	200	Vertical	N/A
2**	2435.300	100.15	-8.91	54.0	-46.15	AV	152.00	200	Vertical	N/A
3	4878.000	50.81	-2.30	74.0	23.19	Peak	145.00	150	Vertical	Pass
3**	4878.000	41.26	-2.30	54.0	12.74	AV	145.00	150	Vertical	Pass
4	7834.000	53.59	3.43	74.0	20.41	Peak	190.00	400	Vertical	Pass
4**	7834.000	45.27	3.43	54.0	8.73	AV	190.00	400	Vertical	Pass
5	11195.563	52.26	-1.72	74.0	21.74	Peak	104.00	100	Vertical	Pass
5**	11195.563	41.88	-1.72	54.0	12.12	AV	104.00	100	Vertical	Pass
6	16319.737	51.84	-0.01	74.0	22.16	Peak	47.00	300	Vertical	Pass
6**	16319.737	42.40	-0.01	54.0	11.60	AV	47.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.000	43.00	-16.74	74.0	31.00	Peak	344.00	400	Horizontal	Pass
1**	1438.000	32.60	-16.74	54.0	21.40	AV	344.00	400	Horizontal	Pass
2	2450.600	109.26	-9.94	74.0	-35.26	Peak	14.00	100	Horizontal	N/A
2**	2450.600	101.36	-9.94	54.0	-47.36	AV	14.00	100	Horizontal	N/A
3	4904.250	51.63	-2.50	74.0	22.37	Peak	160.00	150	Horizontal	Pass
3**	4904.250	46.93	-2.50	54.0	7.07	AV	160.00	150	Horizontal	Pass
4	7928.500	54.06	2.43	74.0	19.94	Peak	234.00	300	Horizontal	Pass
4**	7928.500	45.34	2.43	54.0	8.66	AV	234.00	300	Horizontal	Pass
5	11127.875	51.34	-0.97	74.0	22.66	Peak	288.00	300	Horizontal	Pass
5**	11127.875	42.24	-0.97	54.0	11.76	AV	288.00	300	Horizontal	Pass
6	16339.425	52.03	0.55	74.0	21.97	Peak	74.00	300	Horizontal	Pass
6**	16339.425	43.02	0.55	54.0	10.98	AV	74.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	43.02	-16.76	74.0	30.98	Peak	211.00	200	Vertical	Pass
1**	1327.300	33.27	-16.76	54.0	20.73	AV	211.00	200	Vertical	Pass
2	2454.200	107.67	-10.09	74.0	-33.67	Peak	169.00	150	Vertical	N/A
2**	2454.200	99.48	-10.09	54.0	-45.48	AV	169.00	150	Vertical	N/A
3	4883.500	50.85	-2.33	74.0	23.15	Peak	157.00	100	Vertical	Pass
3**	4883.500	40.27	-2.33	54.0	13.73	AV	157.00	100	Vertical	Pass
4	7912.500	53.97	1.82	74.0	20.03	Peak	96.00	400	Vertical	Pass
4**	7912.500	44.40	1.82	54.0	9.60	AV	96.00	400	Vertical	Pass
5	11177.750	52.03	-1.42	74.0	21.97	Peak	351.00	300	Vertical	Pass
5**	11177.750	42.10	-1.42	54.0	11.90	AV	351.00	300	Vertical	Pass
6	16323.937	53.09	0.11	74.0	20.91	Peak	89.00	200	Vertical	Pass
6**	16323.937	42.81	0.11	54.0	11.19	AV	89.00	200	Vertical	Pass

MIMO**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	1452.900	43.27	-16.68	74.0	30.73	Peak	138.00	200	Horizontal	Pass
1**	1452.900	32.53	-16.68	54.0	21.47	AV	138.00	200	Horizontal	Pass
2	2410.800	105.84	-10.01	--	--	Peak	351.00	150	Horizontal	N/A
2**	2410.800	102.91	-10.01	--	--	AV	351.00	150	Horizontal	N/A
3	4824.250	53.61	-1.77	74.0	20.39	Peak	196.00	150	Horizontal	Pass
3**	4824.250	50.50	-1.77	54.0	3.50	AV	196.00	150	Horizontal	Pass
4	7835.000	54.23	3.48	74.0	19.77	Peak	274.00	400	Horizontal	Pass
4**	7835.000	45.36	3.48	54.0	8.64	AV	274.00	400	Horizontal	Pass
5	10570.225	51.98	-1.87	74.0	22.02	Peak	169.00	400	Horizontal	Pass
5**	10570.225	42.37	-1.87	54.0	11.63	AV	169.00	400	Horizontal	Pass
6	16334.963	53.25	0.42	74.0	20.75	Peak	242.00	100	Horizontal	Pass
6**	16334.963	43.70	0.42	54.0	10.30	AV	242.00	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	1331.500	43.50	-16.69	74.0	30.50	Peak	276.00	400	Vertical	Pass
1**	1331.500	35.62	-16.69	54.0	18.38	AV	276.00	400	Vertical	Pass
2	2410.700	108.45	-10.02	--	--	Peak	220.00	100	Vertical	N/A
2**	2410.700	105.48	-10.02	--	--	AV	220.00	100	Vertical	N/A
3	4818.750	51.04	-1.77	74.0	22.96	Peak	293.00	150	Vertical	Pass
3**	4818.750	41.28	-1.77	54.0	12.72	AV	293.00	150	Vertical	Pass
4	7908.250	54.21	2.06	74.0	19.79	Peak	92.00	100	Vertical	Pass
4**	7908.250	45.26	2.06	54.0	8.74	AV	92.00	100	Vertical	Pass
5	10809.388	51.86	-2.80	74.0	22.14	Peak	0.00	100	Vertical	Pass
5**	10809.388	41.32	-2.80	54.0	12.68	AV	0.00	100	Vertical	Pass
6	16338.375	52.93	0.52	74.0	21.07	Peak	140.00	400	Vertical	Pass
6**	16338.375	43.80	0.52	54.0	10.20	AV	140.00	400	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	1217.800	41.98	-17.25	74.0	32.02	Peak	52.00	200	Horizontal	Pass
1**	1217.800	33.57	-17.25	54.0	20.43	AV	52.00	200	Horizontal	Pass
2	2435.800	104.64	-8.98	--	--	Peak	356.00	150	Horizontal	N/A
2**	2435.800	101.72	-8.98	--	--	AV	356.00	150	Horizontal	N/A
3	4874.250	51.69	-2.49	74.0	22.31	Peak	190.00	100	Horizontal	Pass
3**	4874.250	47.86	-2.49	54.0	6.14	AV	190.00	100	Horizontal	Pass
4	7758.000	53.69	1.70	74.0	20.31	Peak	79.00	100	Horizontal	Pass
4**	7758.000	44.79	1.70	54.0	9.21	AV	79.00	100	Horizontal	Pass
5	11129.775	52.29	-0.97	74.0	21.71	Peak	283.00	400	Horizontal	Pass
5**	11129.775	42.63	-0.97	54.0	11.37	AV	283.00	400	Horizontal	Pass
6	16261.463	53.15	-0.95	74.0	20.85	Peak	215.00	200	Horizontal	Pass
6**	16261.463	43.98	-0.95	54.0	10.02	AV	215.00	200	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	1416.800	42.10	-16.61	74.0	31.90	Peak	0.00	200	Vertical	Pass
1**	1416.800	32.44	-16.61	54.0	21.56	AV	0.00	200	Vertical	Pass
2	2435.600	109.02	-8.95	--	--	Peak	220.00	150	Vertical	N/A
2**	2435.600	106.16	-8.95	--	--	AV	220.00	150	Vertical	N/A
3	4995.250	50.99	-2.17	74.0	23.01	Peak	223.00	150	Vertical	Pass
3**	4995.250	42.87	-2.17	54.0	11.13	AV	223.00	150	Vertical	Pass
4	7833.500	53.88	3.41	74.0	20.12	Peak	130.00	400	Vertical	Pass
4**	7833.500	45.69	3.41	54.0	8.31	AV	130.00	400	Vertical	Pass
5	10732.200	52.16	-1.93	74.0	21.84	Peak	186.00	100	Vertical	Pass
5**	10732.200	43.08	-1.93	54.0	10.92	AV	186.00	100	Vertical	Pass
6	16322.362	52.74	0.06	74.0	21.26	Peak	154.00	300	Vertical	Pass
6**	16322.362	43.35	0.06	54.0	10.65	AV	154.00	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	1470.800	42.17	-16.43	74.0	31.83	Peak	79.00	200	Horizontal	Pass
1**	1470.800	33.20	-16.43	54.0	20.80	AV	79.00	200	Horizontal	Pass
2	2460.700	107.03	-9.73	--	--	Peak	196.00	100	Horizontal	N/A
2**	2460.700	104.12	-9.73	--	--	AV	196.00	100	Horizontal	N/A
3	4924.250	52.32	-2.70	74.0	21.68	Peak	245.00	100	Horizontal	Pass
3**	4924.250	50.04	-2.70	54.0	3.96	AV	245.00	100	Horizontal	Pass
4	7770.750	53.72	1.66	74.0	20.28	Peak	220.00	100	Horizontal	Pass
4**	7770.750	44.30	1.66	54.0	9.70	AV	220.00	100	Horizontal	Pass
5	10719.612	52.35	-2.13	74.0	21.65	Peak	245.00	400	Horizontal	Pass
5**	10719.612	42.45	-2.13	54.0	11.55	AV	245.00	400	Horizontal	Pass
6	16338.113	52.70	0.51	74.0	21.30	Peak	96.00	300	Horizontal	Pass
6**	16338.113	43.21	0.51	54.0	10.79	AV	96.00	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	1232.400	42.50	-17.14	74.0	31.50	Peak	9.00	300	Vertical	Pass
1**	1232.400	34.47	-17.14	54.0	19.53	AV	9.00	300	Vertical	Pass
2	2460.800	108.92	-9.73	--	--	Peak	220.00	200	Vertical	N/A
2**	2460.800	106.02	-9.73	--	--	AV	220.00	200	Vertical	N/A
3	4996.250	50.74	-2.16	74.0	23.26	Peak	179.00	200	Vertical	Pass
3**	4996.250	43.38	-2.16	54.0	10.62	AV	179.00	200	Vertical	Pass
4	7840.250	54.32	3.21	74.0	19.68	Peak	162.00	100	Vertical	Pass
4**	7840.250	44.81	3.21	54.0	9.19	AV	162.00	100	Vertical	Pass
5	11132.862	52.58	-0.97	74.0	21.42	Peak	210.00	200	Vertical	Pass
5**	11132.862	43.18	-0.97	54.0	10.82	AV	210.00	200	Vertical	Pass
6	15771.638	53.34	-0.22	74.0	20.66	Peak	278.00	400	Vertical	Pass
6**	15771.638	43.16	-0.22	54.0	10.84	AV	278.00	400	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	1202.100	42.84	-17.16	74.0	31.16	Peak	171.00	400	Horizontal	Pass
1**	1202.100	33.57	-17.16	54.0	20.43	AV	171.00	400	Horizontal	Pass
2	2409.700	109.62	-10.08	--	--	Peak	36.00	150	Horizontal	N/A
2**	2409.700	103.06	-10.08	--	--	AV	36.00	150	Horizontal	N/A
3	4820.250	56.66	-1.82	74.0	17.34	Peak	162.00	200	Horizontal	Pass
3**	4820.250	50.44	-1.82	54.0	3.56	AV	162.00	200	Horizontal	Pass
4	7888.250	53.68	2.35	74.0	20.32	Peak	288.00	200	Horizontal	Pass
4**	7888.250	43.77	2.35	54.0	10.23	AV	288.00	200	Horizontal	Pass
5	11174.425	51.67	-1.36	74.0	22.33	Peak	266.00	200	Horizontal	Pass
5**	11174.425	43.77	-1.36	54.0	10.23	AV	266.00	200	Horizontal	Pass
6	16314.225	52.18	-0.17	74.0	21.82	Peak	218.00	100	Horizontal	Pass
6**	16314.225	42.76	-0.17	54.0	11.24	AV	218.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1376.000	44.40	-16.94	74.0	29.60	Peak	40.00	200	Vertical	Pass
1**	1376.000	31.32	-16.94	54.0	22.68	AV	40.00	200	Vertical	Pass
2	2412.900	113.15	-9.99	--	--	Peak	227.00	100	Vertical	N/A
2**	2412.900	105.98	-9.99	--	--	AV	227.00	100	Vertical	N/A
3	4825.500	55.92	-1.81	74.0	18.08	Peak	58.00	200	Vertical	Pass
3**	4825.500	50.41	-1.81	54.0	3.59	AV	58.00	200	Vertical	Pass
4	7840.000	54.04	3.24	74.0	19.96	Peak	67.00	200	Vertical	Pass
4**	7840.000	44.37	3.24	54.0	9.63	AV	67.00	200	Vertical	Pass
5	12053.175	51.75	-1.98	74.0	22.25	Peak	186.00	300	Vertical	Pass
5**	12053.175	41.18	-1.98	54.0	12.82	AV	186.00	300	Vertical	Pass
6	16805.887	52.54	1.11	74.0	21.46	Peak	291.00	200	Vertical	Pass
6**	16805.887	42.84	1.11	54.0	11.16	AV	291.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.200	42.77	-17.21	74.0	31.23	Peak	53.00	200	Horizontal	Pass
1**	1218.200	34.69	-17.21	54.0	19.31	AV	53.00	200	Horizontal	Pass
2	2439.000	110.63	-9.36	--	--	Peak	53.00	100	Horizontal	N/A
2**	2439.000	103.94	-9.36	--	--	AV	53.00	100	Horizontal	N/A
3	4875.750	55.73	-2.32	74.0	18.27	Peak	191.00	200	Horizontal	Pass
3**	4875.750	50.38	-2.32	54.0	3.62	AV	191.00	200	Horizontal	Pass
4	7940.250	53.73	2.07	74.0	20.27	Peak	174.00	200	Horizontal	Pass
4**	7940.250	44.04	2.07	54.0	9.96	AV	174.00	200	Horizontal	Pass
5	11187.724	51.73	-1.59	74.0	22.27	Peak	92.00	400	Horizontal	Pass
5**	11187.724	42.05	-1.59	54.0	11.95	AV	92.00	400	Horizontal	Pass
6	15752.212	52.99	0.31	74.0	21.01	Peak	349.00	400	Horizontal	Pass
6**	15752.212	42.85	0.31	54.0	11.15	AV	349.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.600	44.75	-17.04	74.0	29.25	Peak	114.00	100	Vertical	Pass
1**	1219.600	36.91	-17.04	54.0	17.09	AV	114.00	100	Vertical	Pass
2	2434.300	112.97	-9.02	74.0	-38.97	Peak	264.00	100	Vertical	N/A
2**	2434.300	105.86	-9.02	--	--	AV	264.00	100	Vertical	N/A
3	4877.000	51.08	-2.22	--	--	Peak	54.00	200	Vertical	Pass
3**	4877.000	47.15	-2.22	54.0	6.85	AV	54.00	200	Vertical	Pass
4	7937.500	53.81	2.11	74.0	20.19	Peak	276.00	400	Vertical	Pass
4**	7937.500	44.20	2.11	54.0	9.80	AV	276.00	400	Vertical	Pass
5	10579.250	51.81	-1.73	74.0	22.19	Peak	269.00	400	Vertical	Pass
5**	10579.250	42.15	-1.73	54.0	11.85	AV	269.00	400	Vertical	Pass
6	16793.287	52.30	0.92	74.0	21.70	Peak	359.00	400	Vertical	Pass
6**	16793.287	43.18	0.92	54.0	10.82	AV	359.00	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	1231.100	42.93	-17.16	74.0	31.07	Peak	46.00	150	Horizontal	Pass
1**	1231.100	35.96	-17.16	54.0	18.04	AV	46.00	150	Horizontal	Pass
2	2461.300	110.75	-9.73	--	--	Peak	0.00	200	Horizontal	N/A
2**	2461.300	104.31	-9.73	--	--	AV	0.00	200	Horizontal	N/A
3	4926.000	56.55	-2.77	74.0	17.45	Peak	200.00	150	Horizontal	Pass
3**	4926.000	50.68	-2.77	54.0	3.32	AV	200.00	150	Horizontal	Pass
4	7898.500	53.69	2.23	74.0	20.31	Peak	81.00	150	Horizontal	Pass
4**	7898.500	44.17	2.23	54.0	9.83	AV	81.00	150	Horizontal	Pass
5	10713.675	51.57	-2.22	74.0	22.43	Peak	11.00	300	Horizontal	Pass
5**	10713.675	43.09	-2.22	54.0	10.91	AV	11.00	300	Horizontal	Pass
6	16522.912	51.83	0.20	74.0	22.17	Peak	290.00	200	Horizontal	Pass
6**	16522.912	42.56	0.20	54.0	11.44	AV	290.00	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	1231.500	45.39	-17.16	74.0	28.61	Peak	101.00	400	Vertical	Pass
1**	1231.500	37.61	-17.16	54.0	16.39	AV	101.00	400	Vertical	Pass
2	2459.300	112.64	-9.74	--	--	Peak	259.00	150	Vertical	N/A
2**	2459.300	105.80	-9.74	--	--	AV	259.00	150	Vertical	N/A
3	4920.750	53.21	-2.75	74.0	20.79	Peak	47.00	150	Vertical	Pass
3**	4920.750	47.89	-2.75	54.0	6.11	AV	47.00	150	Vertical	Pass
4	6793.750	53.76	-0.47	74.0	20.24	Peak	278.00	400	Vertical	Pass
4**	6793.750	43.92	-0.47	54.0	10.08	AV	278.00	400	Vertical	Pass
5	11146.401	51.64	-0.95	74.0	22.36	Peak	245.00	100	Vertical	Pass
5**	11146.401	42.49	-0.95	54.0	11.51	AV	245.00	100	Vertical	Pass
6	15766.388	52.39	-0.07	74.0	21.61	Peak	0.00	400	Vertical	Pass
6**	15766.388	42.34	-0.07	54.0	11.66	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.400	42.51	-16.47	74.0	31.49	Peak	322.00	300	Horizontal	Pass
1**	1540.400	33.33	-16.47	54.0	20.67	AV	322.00	300	Horizontal	Pass
2	2410.600	109.45	-10.02	--	--	Peak	17.00	200	Horizontal	N/A
2**	2410.600	102.35	-10.02	--	--	AV	17.00	200	Horizontal	N/A
3	4820.000	55.86	-1.82	74.0	18.14	Peak	188.00	150	Horizontal	Pass
3**	4820.000	49.20	-1.82	54.0	4.80	AV	188.00	150	Horizontal	Pass
4	7820.500	54.17	2.96	74.0	19.83	Peak	359.00	200	Horizontal	Pass
4**	7820.500	45.33	2.96	54.0	8.67	AV	359.00	200	Horizontal	Pass
5	11191.763	51.57	-1.66	74.0	22.43	Peak	11.00	200	Horizontal	Pass
5**	11191.763	42.32	-1.66	54.0	11.68	AV	11.00	200	Horizontal	Pass
6	16458.074	52.31	0.50	74.0	21.69	Peak	225.00	200	Horizontal	Pass
6**	16458.074	42.45	0.50	54.0	11.55	AV	225.00	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	1204.400	42.97	-17.21	74.0	31.03	Peak	101.00	100	Vertical	Pass
1**	1204.400	34.86	-17.21	54.0	19.14	AV	101.00	100	Vertical	Pass
2	2410.700	111.57	-10.02	--	--	Peak	268.00	150	Vertical	N/A
2**	2410.700	104.47	-10.02	--	--	AV	268.00	150	Vertical	N/A
3	4825.000	52.42	-1.79	74.0	21.58	Peak	38.00	150	Vertical	Pass
3**	4825.000	45.99	-1.79	54.0	8.01	AV	38.00	150	Vertical	Pass
4	7930.750	54.28	2.51	74.0	19.72	Peak	285.00	400	Vertical	Pass
4**	7930.750	45.04	2.51	54.0	8.96	AV	285.00	400	Vertical	Pass
5	11140.700	52.10	-0.96	74.0	21.90	Peak	176.00	200	Vertical	Pass
5**	11140.700	41.70	-0.96	54.0	12.30	AV	176.00	200	Vertical	Pass
6	15758.775	51.92	0.13	74.0	22.08	Peak	360.00	200	Vertical	Pass
6**	15758.775	42.66	0.13	54.0	11.34	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.200	42.76	-16.92	74.0	31.24	Peak	29.00	200	Horizontal	Pass
1**	1214.200	33.16	-16.92	54.0	20.84	AV	29.00	200	Horizontal	Pass
2	2435.400	109.33	-8.92	--	--	Peak	53.00	200	Horizontal	N/A
2**	2435.400	101.80	-8.92	--	--	AV	53.00	200	Horizontal	N/A
3	4875.250	52.89	-2.37	74.0	21.11	Peak	142.00	200	Horizontal	Pass
3**	4875.250	49.83	-2.37	54.0	4.17	AV	142.00	200	Horizontal	Pass
4	6940.500	54.38	0.01	74.0	19.62	Peak	360.00	400	Horizontal	Pass
4**	6940.500	43.61	0.01	54.0	10.39	AV	360.00	400	Horizontal	Pass
5	11137.613	51.35	-0.96	74.0	22.65	Peak	67.00	300	Horizontal	Pass
5**	11137.613	42.36	-0.96	54.0	11.64	AV	67.00	300	Horizontal	Pass
6	16451.775	52.16	0.52	74.0	21.84	Peak	215.00	200	Horizontal	Pass
6**	16451.775	41.94	0.52	54.0	12.06	AV	215.00	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	1219.300	45.04	-17.08	74.0	28.96	Peak	102.00	300	Vertical	Pass
1**	1219.300	35.71	-17.08	54.0	18.29	AV	102.00	300	Vertical	Pass
2	2438.300	111.98	-9.30	--	--	Peak	268.00	200	Vertical	N/A
2**	2438.300	105.14	-9.30	--	--	AV	268.00	200	Vertical	N/A
3	4874.750	51.81	-2.42	74.0	22.19	Peak	360.00	200	Vertical	Pass
3**	4874.750	45.95	-2.42	54.0	8.05	AV	360.00	200	Vertical	Pass
4	7922.250	53.93	2.14	74.0	20.07	Peak	275.00	300	Vertical	Pass
4**	7922.250	44.96	2.14	54.0	9.04	AV	275.00	300	Vertical	Pass
5	11369.413	51.74	-1.78	74.0	22.26	Peak	104.00	300	Vertical	Pass
5**	11369.413	41.31	-1.78	54.0	12.69	AV	104.00	300	Vertical	Pass
6	16996.463	52.06	0.44	74.0	21.94	Peak	166.00	200	Vertical	Pass
6**	16996.463	41.33	0.44	54.0	12.67	AV	166.00	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	1230.900	43.29	-17.17	74.0	30.71	Peak	140.00	400	Horizontal	Pass
1**	1230.900	35.24	-17.17	54.0	18.76	AV	140.00	400	Horizontal	Pass
2	2459.200	110.28	-9.74	--	--	Peak	360.00	100	Horizontal	N/A
2**	2459.200	103.23	-9.74	--	--	AV	360.00	100	Horizontal	N/A
3	4923.000	53.77	-2.67	74.0	20.23	Peak	164.00	200	Horizontal	Pass
3**	4923.000	49.95	-2.67	54.0	4.05	AV	164.00	200	Horizontal	Pass
4	7848.750	53.71	2.47	74.0	20.29	Peak	62.00	400	Horizontal	Pass
4**	7848.750	43.66	2.47	54.0	10.34	AV	62.00	400	Horizontal	Pass
5	11655.125	51.58	-2.67	74.0	22.42	Peak	188.00	300	Horizontal	Pass
5**	11655.125	40.94	-2.67	54.0	13.06	AV	188.00	300	Horizontal	Pass
6	16493.512	52.73	0.37	74.0	21.27	Peak	43.00	100	Horizontal	Pass
6**	16493.512	42.10	0.37	54.0	11.90	AV	43.00	100	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	1231.200	44.40	-17.16	74.0	29.60	Peak	89.00	300	Vertical	Pass
1**	1231.200	37.30	-17.16	54.0	16.70	AV	89.00	300	Vertical	Pass
2	2461.200	111.85	-9.73	--	--	Peak	273.00	200	Vertical	N/A
2**	2461.200	105.35	-9.73	--	--	AV	273.00	200	Vertical	N/A
3	4922.500	52.19	-2.67	74.0	21.81	Peak	38.00	200	Vertical	Pass
3**	4922.500	47.12	-2.67	54.0	6.88	AV	38.00	200	Vertical	Pass
4	7937.500	53.88	2.11	74.0	20.12	Peak	12.00	300	Vertical	Pass
4**	7937.500	44.29	2.11	54.0	9.71	AV	12.00	300	Vertical	Pass
5	11116.237	51.25	-0.99	74.0	22.75	Peak	360.00	300	Vertical	Pass
5**	11116.237	41.89	-0.99	54.0	12.11	AV	360.00	300	Vertical	Pass
6	16512.151	51.92	0.27	74.0	22.08	Peak	106.00	300	Vertical	Pass
6**	16512.151	42.19	0.27	54.0	11.81	AV	106.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.000	42.32	-16.72	74.0	31.68	Peak	314.00	400	Horizontal	Pass
1**	1526.000	32.47	-16.72	54.0	21.53	AV	314.00	400	Horizontal	Pass
2	2420.700	107.56	-10.01	--	--	Peak	42.00	150	Horizontal	N/A
2**	2420.700	100.42	-10.01	--	--	AV	42.00	150	Horizontal	N/A
3	4845.250	51.44	-2.93	74.0	22.56	Peak	133.00	200	Horizontal	Pass
3**	4845.250	49.70	-2.93	54.0	4.30	AV	133.00	200	Horizontal	Pass
4	7763.250	54.47	1.67	74.0	19.53	Peak	347.00	100	Horizontal	Pass
4**	7763.250	44.30	1.67	54.0	9.70	AV	347.00	100	Horizontal	Pass
5	10722.463	51.43	-2.08	74.0	22.57	Peak	149.00	300	Horizontal	Pass
5**	10722.463	42.13	-2.08	54.0	11.87	AV	149.00	300	Horizontal	Pass
6	16804.051	52.12	1.13	74.0	21.88	Peak	171.00	100	Horizontal	Pass
6**	16804.051	42.45	1.13	54.0	11.55	AV	171.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1211.900	42.85	-17.07	74.0	31.15	Peak	108.00	400	Vertical	Pass
1**	1211.900	33.83	-17.07	54.0	20.17	AV	108.00	400	Vertical	Pass
2	2423.200	109.92	-9.95	--	--	Peak	258.00	200	Vertical	N/A
2**	2423.200	102.20	-9.95	--	--	AV	258.00	200	Vertical	N/A
3	4845.500	51.11	-2.90	74.0	22.89	Peak	50.00	200	Vertical	Pass
3**	4845.500	46.42	-2.90	54.0	7.58	AV	50.00	200	Vertical	Pass
4	7920.000	53.63	1.61	74.0	20.37	Peak	169.00	200	Vertical	Pass
4**	7920.000	43.96	1.61	54.0	10.04	AV	169.00	200	Vertical	Pass
5	10809.625	51.43	-2.79	74.0	22.57	Peak	195.00	200	Vertical	Pass
5**	10809.625	41.79	-2.79	54.0	12.21	AV	195.00	200	Vertical	Pass
6	16344.150	52.53	0.68	74.0	21.47	Peak	352.00	300	Vertical	Pass
6**	16344.150	42.62	0.68	54.0	11.38	AV	352.00	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	1477.000	41.98	-16.55	74.0	32.02	Peak	106.00	100	Horizontal	Pass
1**	1477.000	32.76	-16.55	54.0	21.24	AV	106.00	100	Horizontal	Pass
2	2435.600	108.05	-8.95	--	--	Peak	45.00	150	Horizontal	N/A
2**	2435.600	101.42	-8.95	--	--	AV	45.00	150	Horizontal	N/A
3	4875.500	51.30	-2.35	74.0	22.70	Peak	160.00	300	Horizontal	Pass
3**	4875.500	48.74	-2.35	54.0	5.26	AV	160.00	300	Horizontal	Pass
4	7931.500	54.24	2.39	74.0	19.76	Peak	297.00	400	Horizontal	Pass
4**	7931.500	44.91	2.39	54.0	9.09	AV	297.00	400	Horizontal	Pass
5	10805.112	51.43	-2.90	74.0	22.57	Peak	127.00	200	Horizontal	Pass
5**	10805.112	42.45	-2.90	54.0	11.55	AV	127.00	200	Horizontal	Pass
6	15743.549	52.48	0.28	74.0	21.52	Peak	0.00	200	Horizontal	Pass
6**	15743.549	43.30	0.28	54.0	10.70	AV	0.00	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	1213.700	43.32	-16.88	74.0	30.68	Peak	99.00	300	Vertical	Pass
1**	1213.700	33.88	-16.88	54.0	20.12	AV	99.00	300	Vertical	Pass
2	2435.400	110.93	-8.92	--	--	Peak	310.00	200	Vertical	N/A
2**	2435.400	103.18	-8.92	--	--	AV	310.00	200	Vertical	N/A
3	4875.750	49.39	-2.32	74.0	24.61	Peak	45.00	300	Vertical	Pass
3**	4875.750	46.25	-2.32	54.0	7.75	AV	45.00	300	Vertical	Pass
4	7912.500	53.77	1.82	74.0	20.23	Peak	38.00	300	Vertical	Pass
4**	7912.500	44.45	1.82	54.0	9.55	AV	38.00	300	Vertical	Pass
5	11127.162	52.81	-0.98	74.0	21.19	Peak	360.00	400	Vertical	Pass
5**	11127.162	42.72	-0.98	54.0	11.28	AV	360.00	400	Vertical	Pass
6	16344.412	52.02	0.69	74.0	21.98	Peak	341.00	200	Vertical	Pass
6**	16344.412	42.52	0.69	54.0	11.48	AV	341.00	200	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	1576.100	42.55	-16.48	74.0	31.45	Peak	23.00	200	Horizontal	Pass
1**	1576.100	33.88	-16.48	54.0	20.12	AV	23.00	200	Horizontal	Pass
2	2454.400	109.26	-10.11	--	--	Peak	0.00	150	Horizontal	N/A
2**	2454.400	101.63	-10.11	--	--	AV	0.00	150	Horizontal	N/A
3	4905.000	53.09	-2.51	74.0	20.91	Peak	152.00	100	Horizontal	Pass
3**	4905.000	49.83	-2.51	54.0	4.17	AV	152.00	100	Horizontal	Pass
4	7906.500	54.25	2.22	74.0	19.75	Peak	50.00	300	Horizontal	Pass
4**	7906.500	44.38	2.22	54.0	9.62	AV	50.00	300	Horizontal	Pass
5	10982.762	51.50	-1.89	74.0	22.50	Peak	140.00	400	Horizontal	Pass
5**	10982.762	41.70	-1.89	54.0	12.30	AV	140.00	400	Horizontal	Pass
6	15748.275	52.57	0.35	74.0	21.43	Peak	10.00	400	Horizontal	Pass
6**	15748.275	43.08	0.35	54.0	10.92	AV	10.00	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	1226.300	43.52	-17.18	74.0	30.48	Peak	94.00	100	Vertical	Pass
1**	1226.300	36.22	-17.18	54.0	17.78	AV	94.00	100	Vertical	Pass
2	2450.600	110.52	-9.94	--	--	Peak	314.00	100	Vertical	N/A
2**	2450.600	103.36	-9.94	--	--	AV	314.00	100	Vertical	N/A
3	7856.000	54.14	2.13	74.0	19.86	Peak	128.00	200	Vertical	Pass
3**	7856.000	44.18	2.13	54.0	9.82	AV	128.00	200	Vertical	Pass
4	10828.151	51.97	-2.35	74.0	22.03	Peak	256.00	100	Vertical	Pass
4**	10828.151	42.47	-2.35	54.0	11.53	AV	256.00	100	Vertical	Pass
5	16463.588	51.77	0.48	74.0	22.23	Peak	133.00	400	Vertical	Pass
5**	16463.588	42.04	0.48	54.0	11.96	AV	133.00	400	Vertical	Pass
6	4905.500	50.21	-2.52	74.0	23.79	Peak	43.00	100	Vertical	Pass
6**	4905.500	46.75	-2.52	54.0	7.25	AV	43.00	100	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.

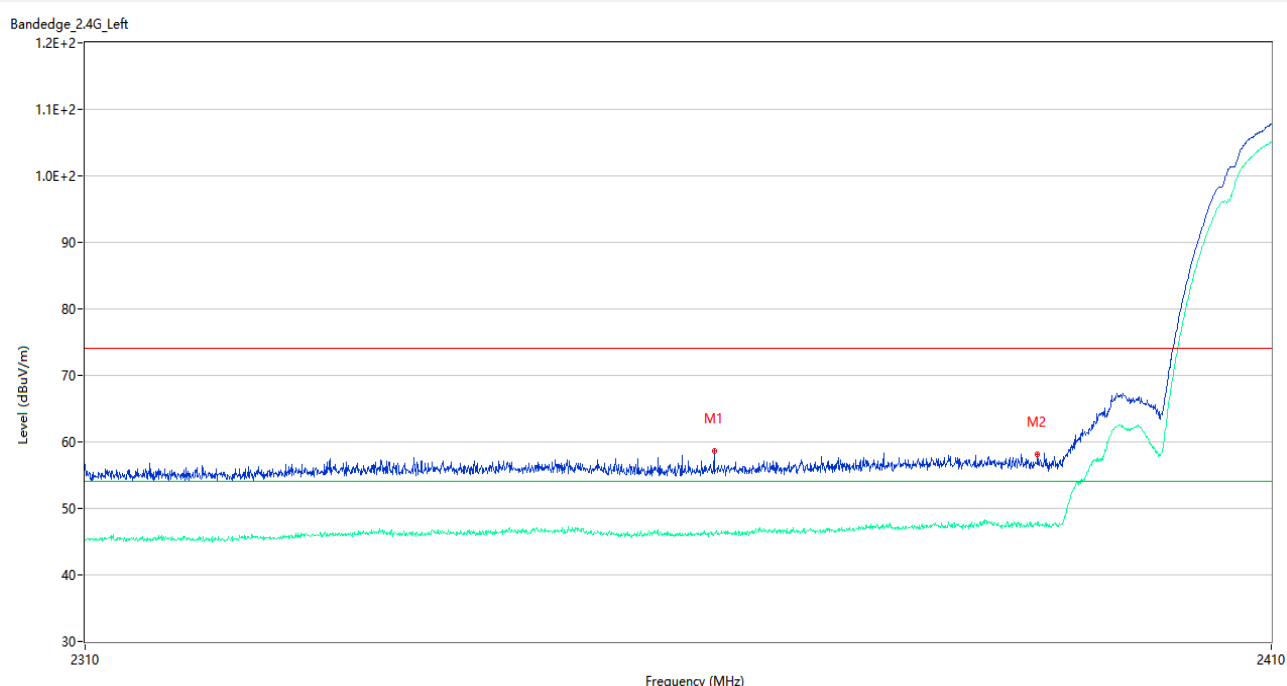
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

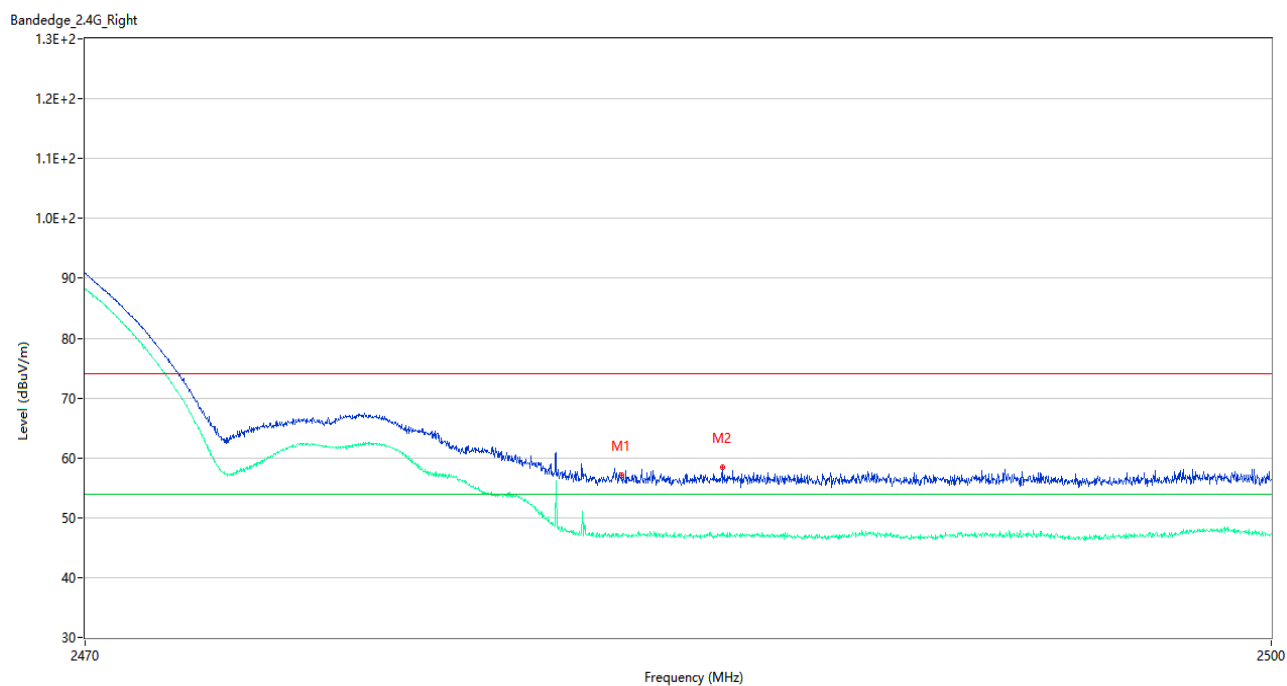
ANT-0

802.11b LOW CHANNEL



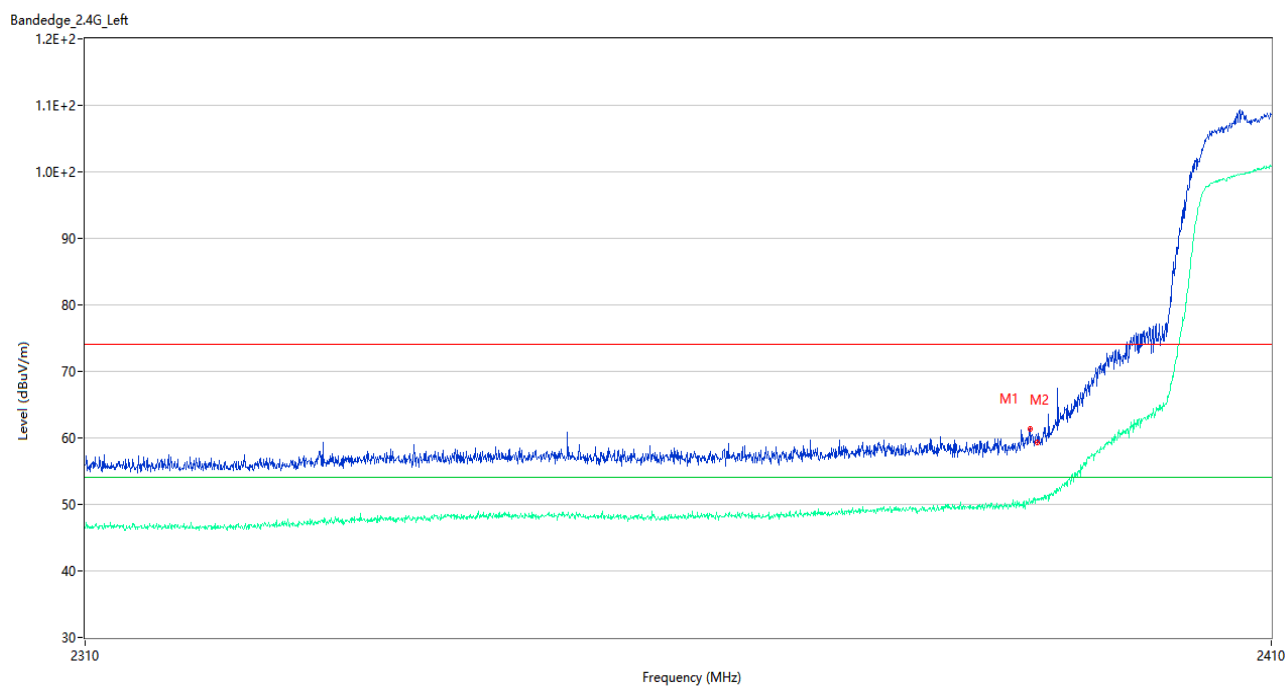
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2362.500	58.61	1.34	74.0	15.39	Peak	219.00	100	Vertical	Pass
1**	2362.500	46.22	1.34	54.0	7.78	AV	219.00	100	Vertical	Pass
2	2389.950	58.11	1.86	74.0	15.89	Peak	263.00	150	Vertical	Pass
2**	2389.950	47.92	1.86	54.0	6.08	AV	263.00	150	Vertical	Pass

802.11b HIGH CHANNEL



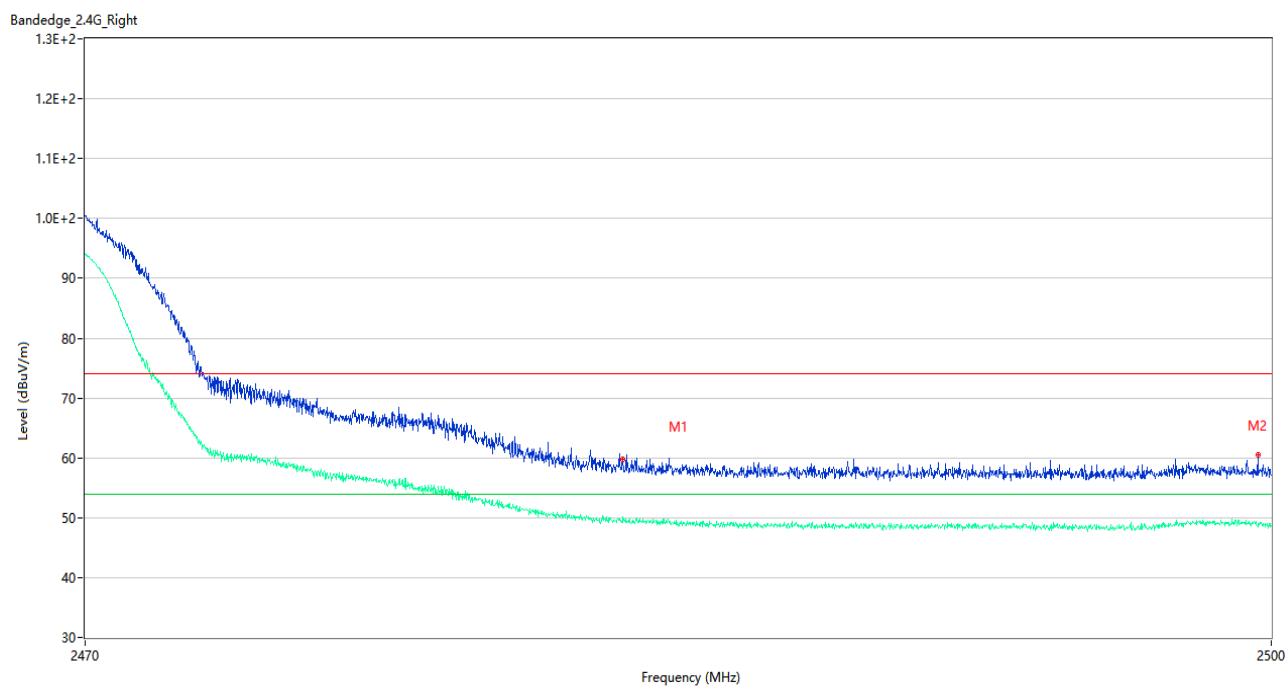
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	57.05	1.77	74.0	16.95	Peak	218.00	100	Vertical	Pass
1**	2483.515	46.88	1.77	54.0	7.12	AV	218.00	100	Vertical	Pass
2	2486.065	58.36	1.70	74.0	15.64	Peak	296.00	150	Vertical	Pass
2**	2486.065	46.93	1.70	54.0	7.07	AV	296.00	150	Vertical	Pass

802.11g LOW CHANNEL



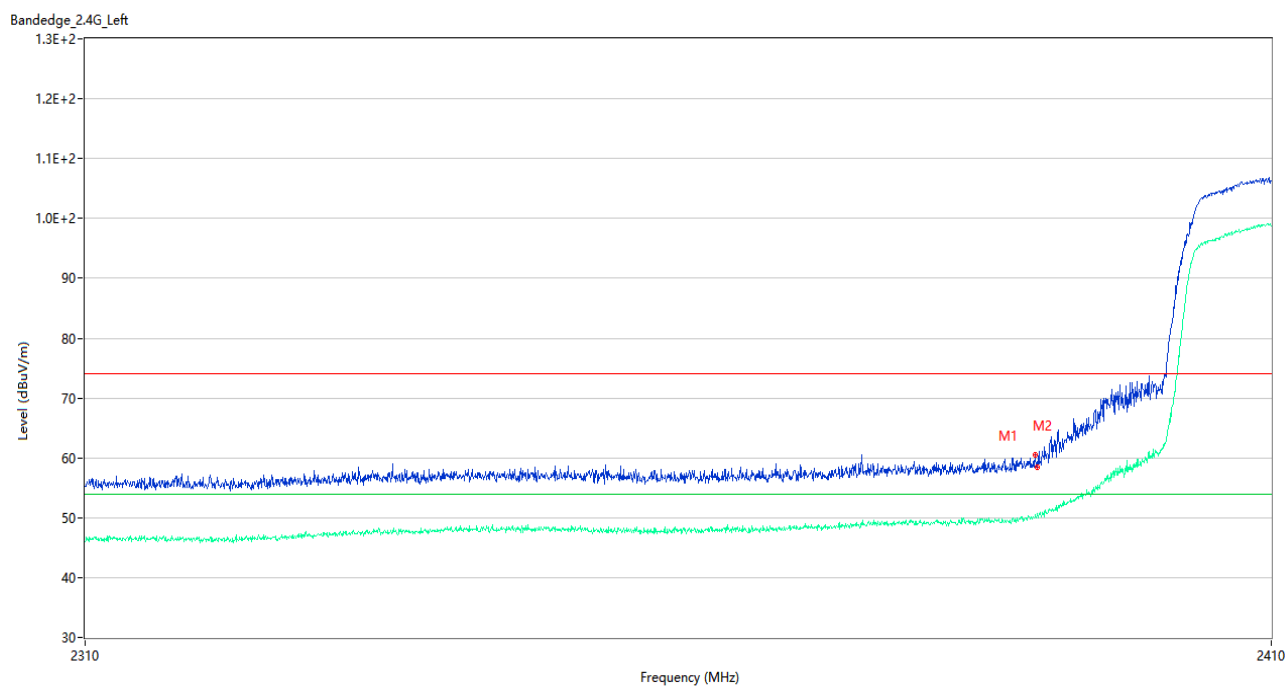
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.300	61.40	1.90	74.0	12.60	Peak	222.00	100	Vertical	Pass
1**	2389.300	50.10	1.90	54.0	3.90	AV	222.00	100	Vertical	Pass
2	2389.950	59.39	1.86	74.0	14.61	Peak	315.00	200	Vertical	Pass
2**	2389.950	50.78	1.86	54.0	3.22	AV	315.00	200	Vertical	Pass

802.11g HIGH CHANNEL



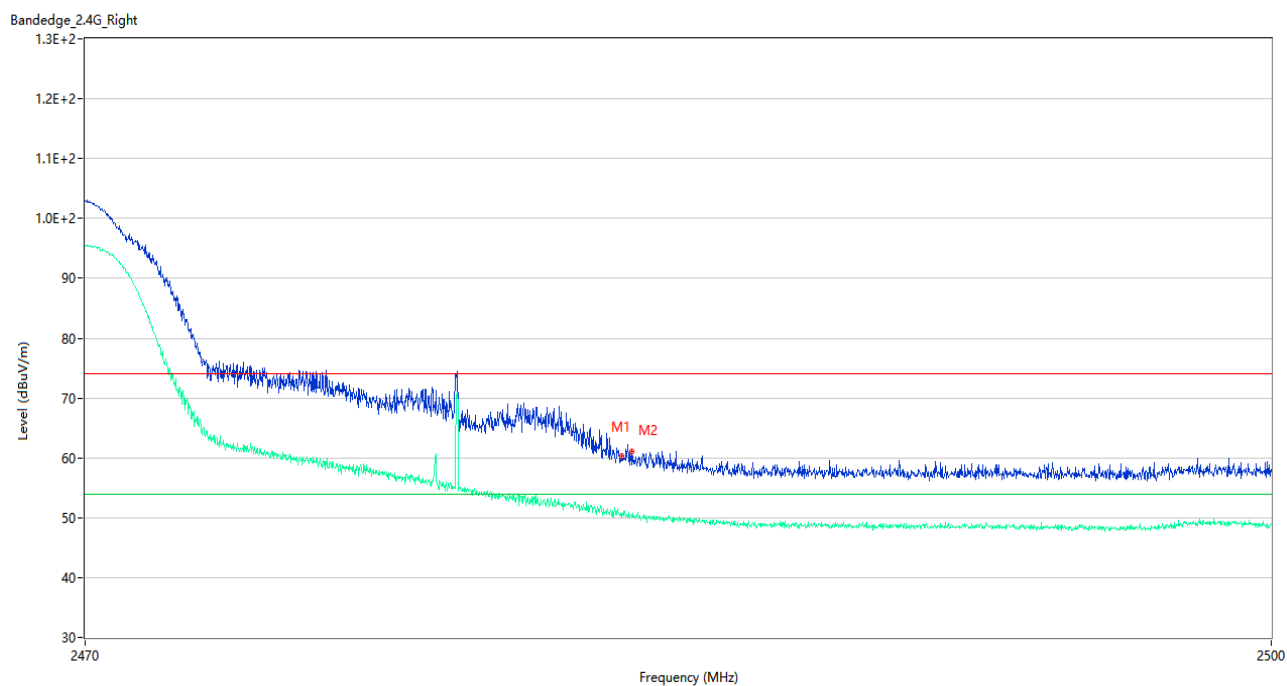
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	59.73	1.77	74.0	14.27	Peak	229.00	200	Vertical	Pass
1**	2483.560	50.18	1.77	54.0	3.82	AV	229.00	200	Vertical	Pass
2	2499.655	60.50	1.36	74.0	13.50	Peak	220.00	100	Vertical	Pass
2**	2499.655	48.55	1.36	54.0	5.45	AV	220.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



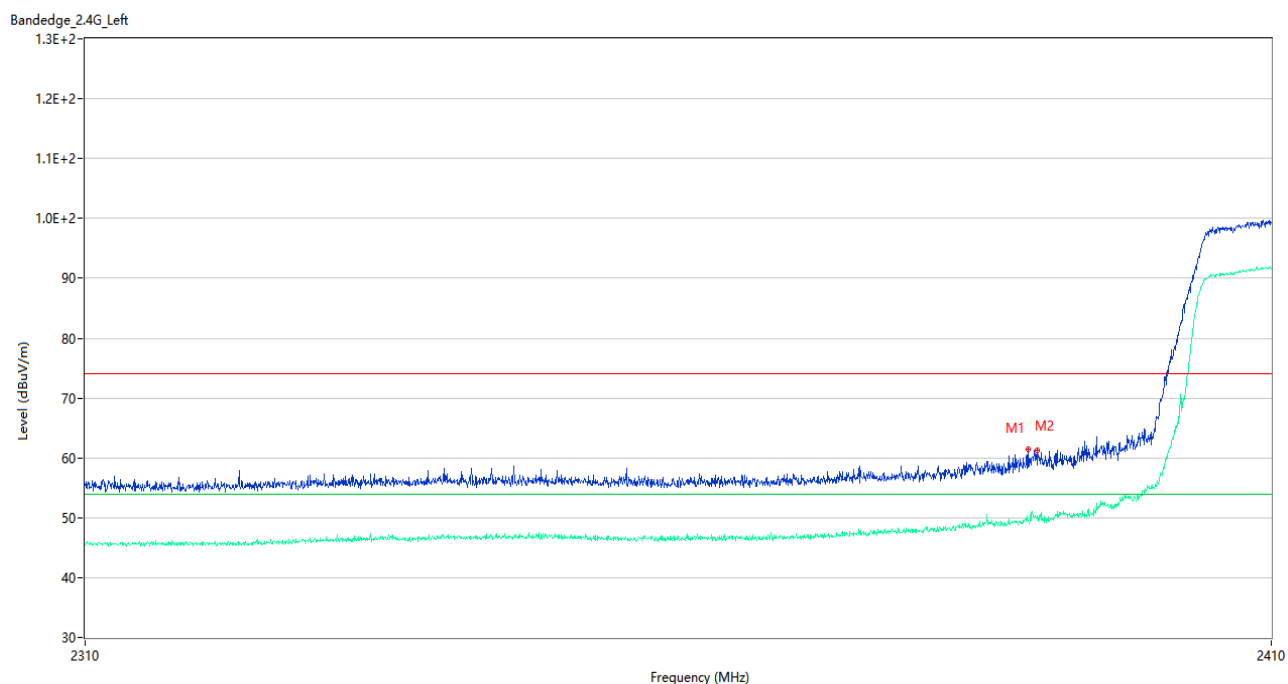
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	60.56	1.87	74.0	13.44	Peak	227.00	200	Vertical	Pass
1**	2389.750	50.17	1.87	54.0	3.83	AV	227.00	200	Vertical	Pass
2	2389.950	58.52	1.86	74.0	15.48	Peak	264.00	200	Vertical	Pass
2**	2389.950	50.80	1.86	54.0	3.20	AV	264.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL



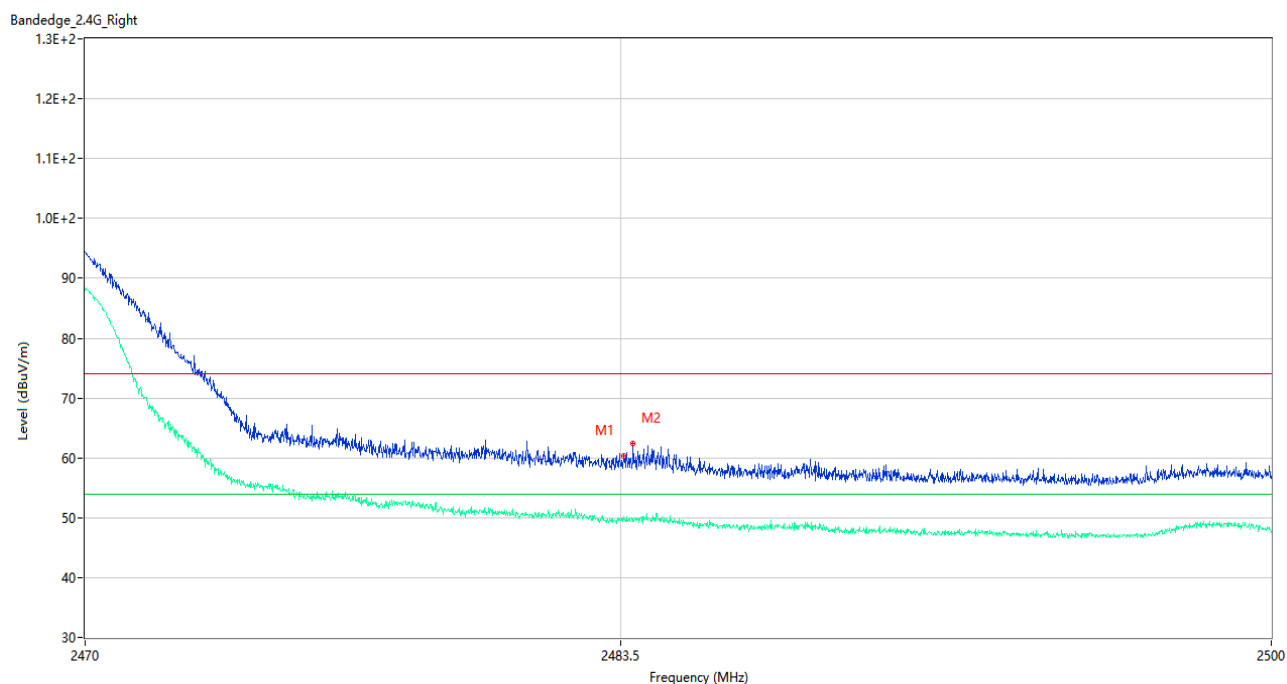
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	60.28	1.77	74.0	13.72	Peak	227.00	100	Vertical	Pass
1**	2483.515	49.93	1.77	54.0	4.07	AV	227.00	100	Vertical	Pass
2	2483.785	61.15	1.77	74.0	12.85	Peak	220.00	200	Vertical	Pass
2**	2483.785	50.14	1.77	54.0	3.86	AV	220.00	200	Vertical	Pass

802.11n40 LOW CHANNEL

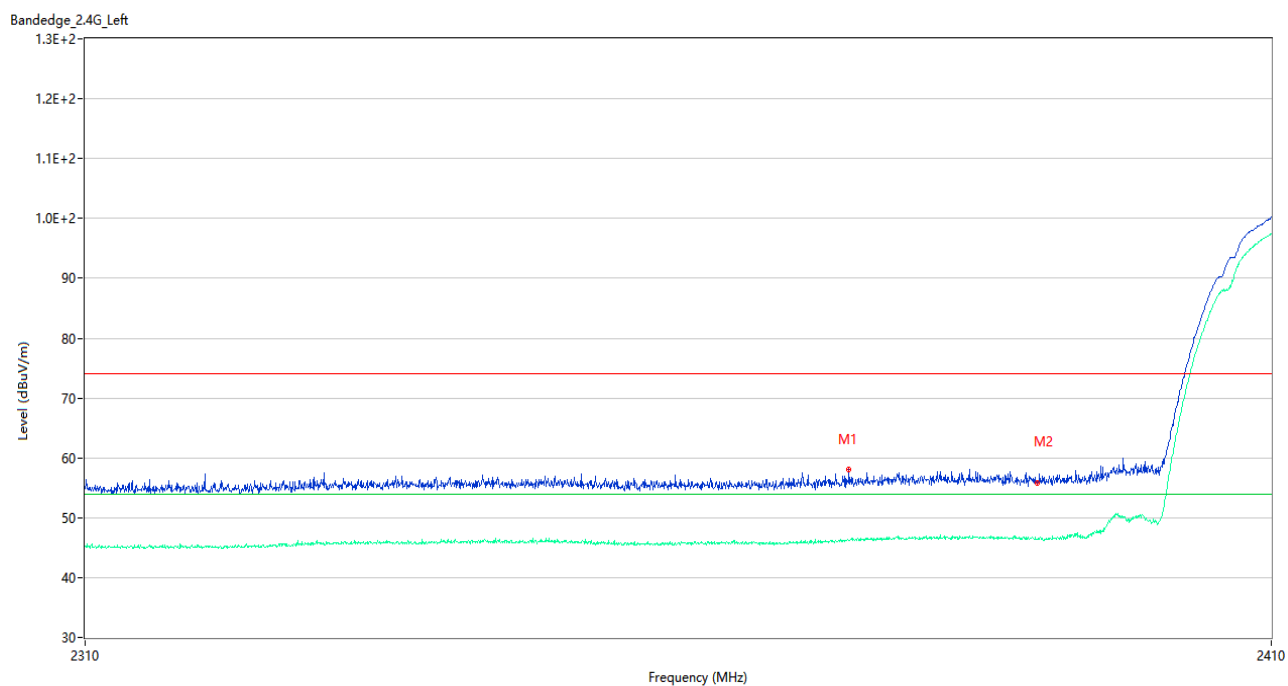


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.200	61.48	1.91	74.0	12.52	Peak	224.00	150	Vertical	Pass
1**	2389.200	49.61	1.91	54.0	4.39	AV	224.00	150	Vertical	Pass
2	2389.950	61.24	1.86	74.0	12.76	Peak	220.00	150	Vertical	Pass
2**	2389.950	50.30	1.86	54.0	3.70	AV	220.00	150	Vertical	Pass

802.11n40 HIGH CHANNEL

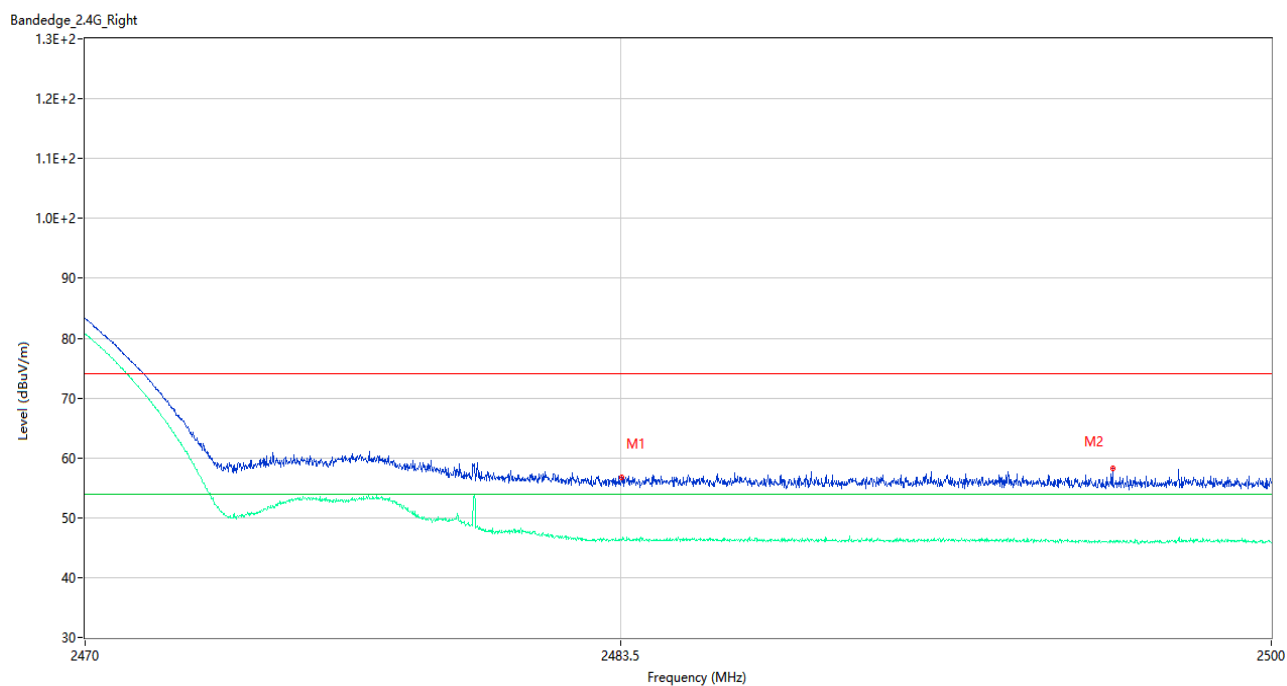


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	60.34	1.77	74.0	13.66	Peak	220.00	150	Vertical	Pass
1**	2483.575	50.06	1.77	54.0	3.94	AV	220.00	150	Vertical	Pass
2	2483.815	62.36	1.77	74.0	11.64	Peak	215.00	150	Vertical	Pass
2**	2483.815	49.47	1.77	54.0	4.53	AV	215.00	150	Vertical	Pass

ANT-1**802.11b LOW CHANNEL**

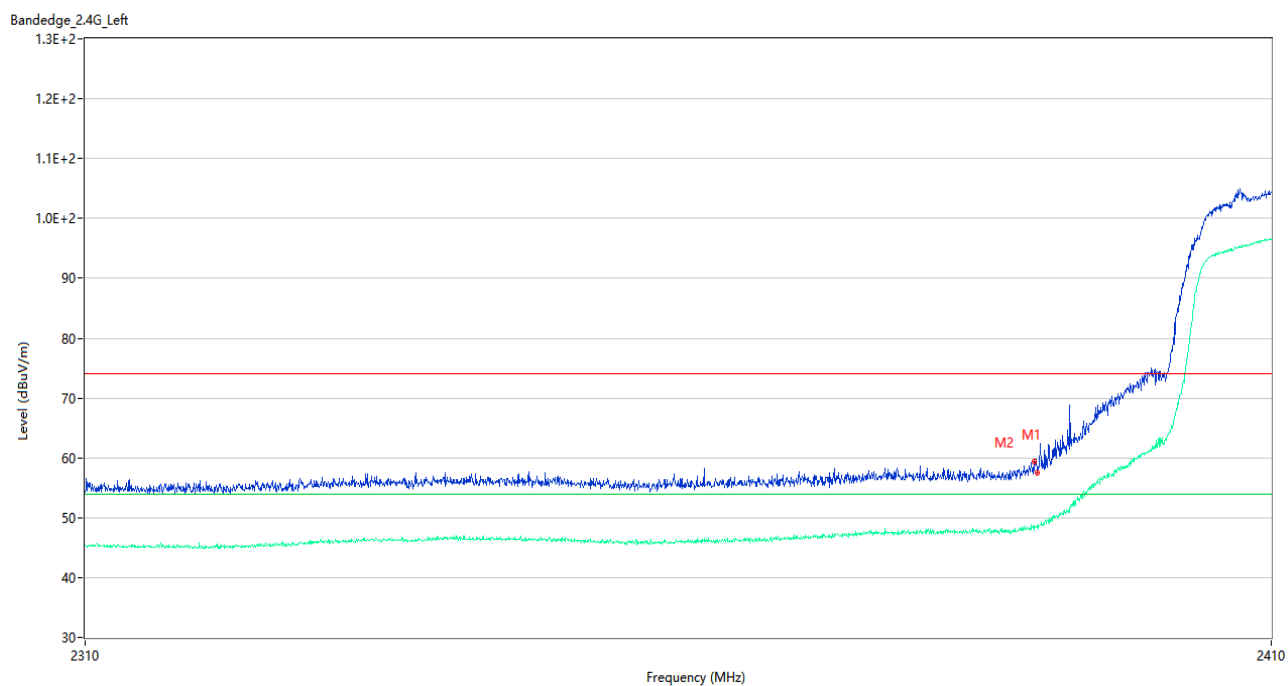
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2373.900	58.12	1.53	74.0	15.88	Peak	271.00	200	Vertical	Pass
1**	2373.900	46.18	1.53	54.0	7.82	AV	271.00	200	Vertical	Pass
2	2389.950	55.85	1.86	74.0	18.15	Peak	300.00	150	Vertical	Pass
2**	2389.950	46.43	1.86	54.0	7.57	AV	300.00	150	Vertical	Pass

802.11b HIGH CHANNEL



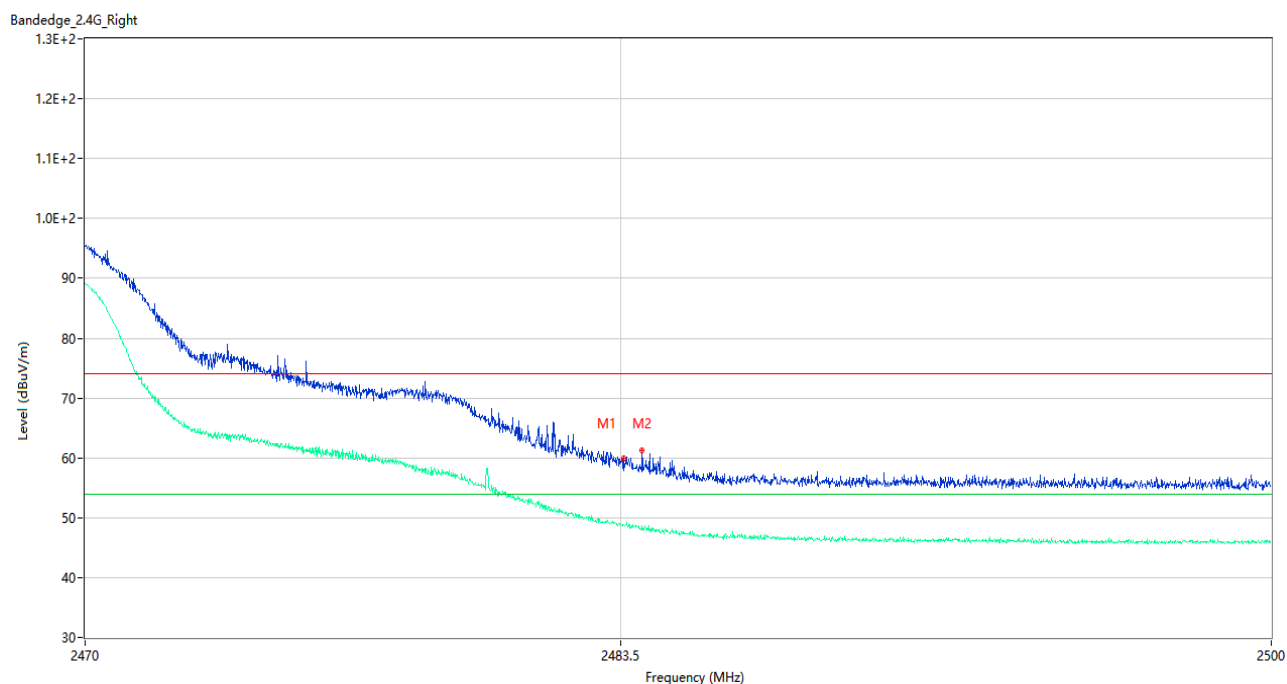
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	56.79	1.77	74.0	17.21	Peak	70.00	150	Vertical	Pass
1**	2483.530	46.24	1.77	54.0	7.76	AV	70.00	150	Vertical	Pass
2	2495.965	58.21	1.57	74.0	15.79	Peak	341.00	100	Vertical	Pass
2**	2495.965	45.84	1.57	54.0	8.16	AV	341.00	100	Vertical	Pass

802.11g LOW CHANNEL



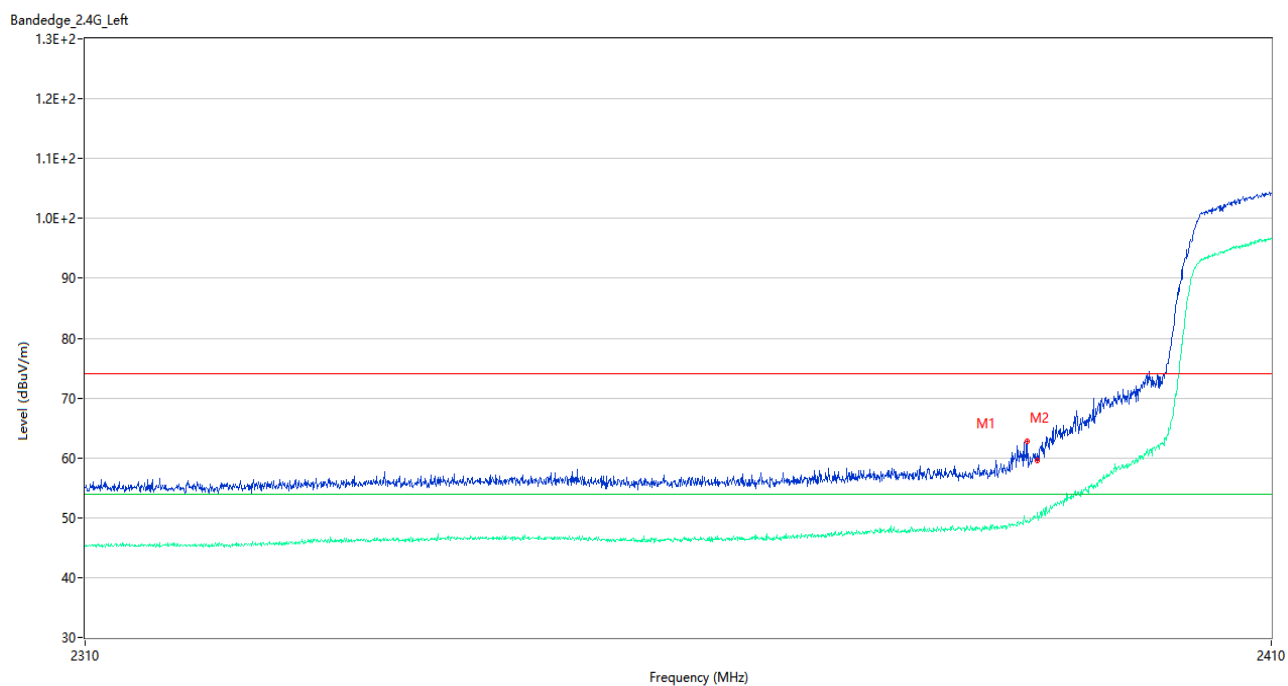
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.700	59.40	1.88	74.0	14.60	Peak	164.00	100	Vertical	Pass
1**	2389.700	48.60	1.88	54.0	5.40	AV	164.00	100	Vertical	Pass
2	2389.950	57.46	1.86	74.0	16.54	Peak	38.00	100	Vertical	Pass
2**	2389.950	48.85	1.86	54.0	5.15	AV	38.00	100	Vertical	Pass

802.11g HIGH CHANNEL



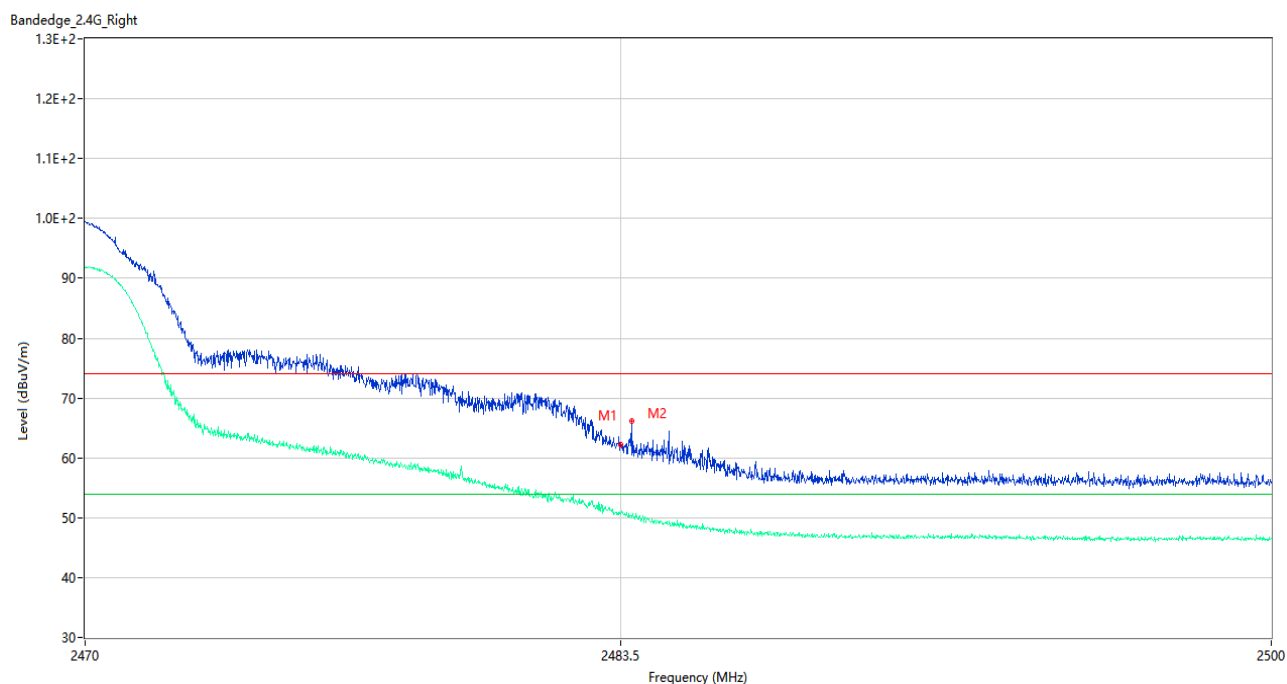
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	59.93	1.77	74.0	14.07	Peak	142.00	100	Vertical	Pass
1**	2483.575	48.92	1.77	54.0	5.08	AV	142.00	100	Vertical	Pass
2	2484.040	61.32	1.77	74.0	12.68	Peak	40.00	100	Vertical	Pass
2**	2484.040	48.59	1.77	54.0	5.41	AV	40.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



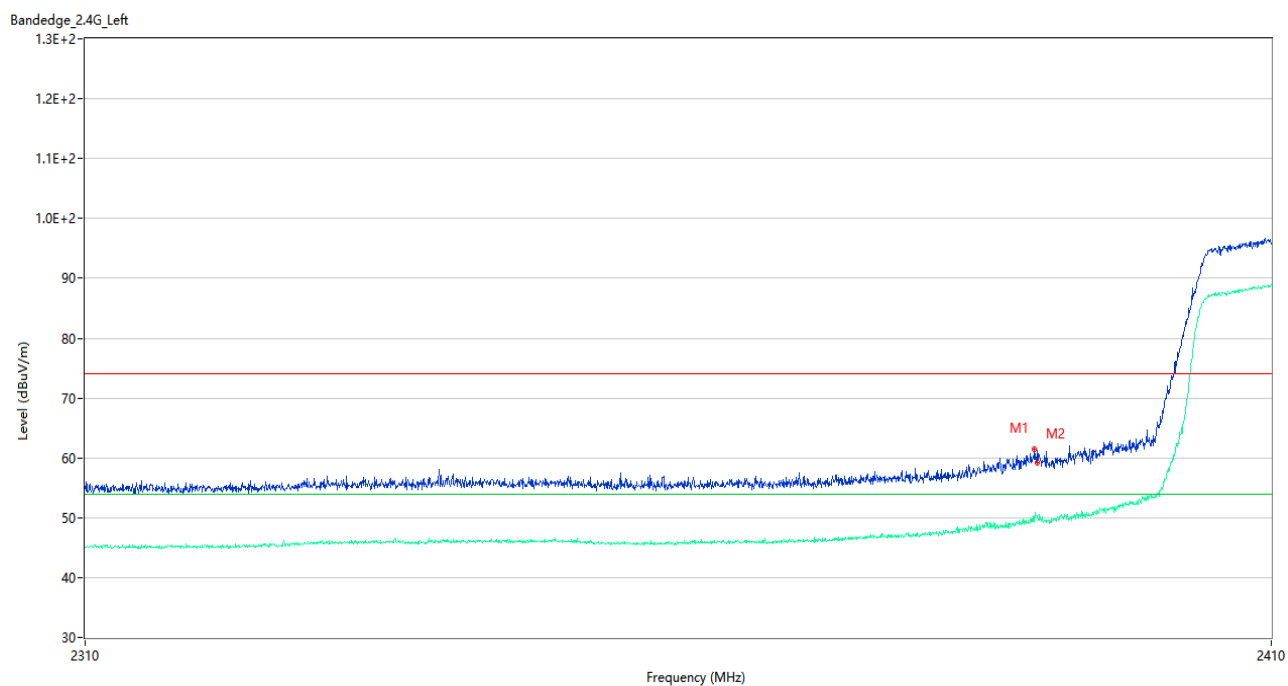
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.050	62.69	1.92	74.0	11.31	Peak	135.00	150	Vertical	Pass
1**	2389.050	49.52	1.92	54.0	4.48	AV	135.00	150	Vertical	Pass
2	2389.950	59.56	1.86	74.0	14.44	Peak	128.00	150	Vertical	Pass
2**	2389.950	50.87	1.86	54.0	3.13	AV	128.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



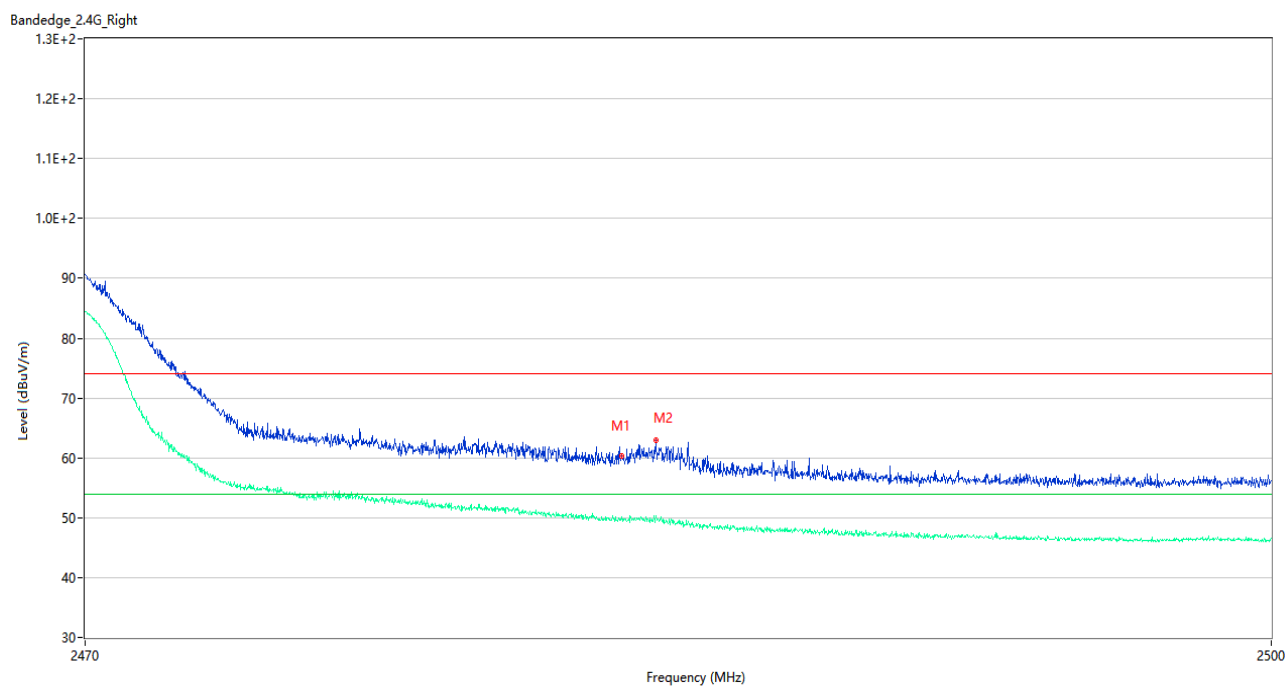
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.14	1.77	74.0	11.86	Peak	46.00	200	Vertical	Pass
1**	2483.500	50.50	1.77	54.0	3.50	AV	46.00	200	Vertical	Pass
2	2483.770	66.07	1.77	74.0	7.93	Peak	31.00	100	Vertical	Pass
2**	2483.770	50.08	1.77	54.0	3.92	AV	31.00	100	Vertical	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	2389.700	61.44	1.88	74.0	12.56	Peak	137.00	100	Vertical	Pass
1**	2389.700	49.56	1.88	54.0	4.44	AV	137.00	100	Vertical	Pass
2	2389.950	59.15	1.86	74.0	14.85	Peak	137.00	100	Vertical	Pass
2**	2389.950	50.29	1.86	54.0	3.71	AV	137.00	100	Vertical	Pass

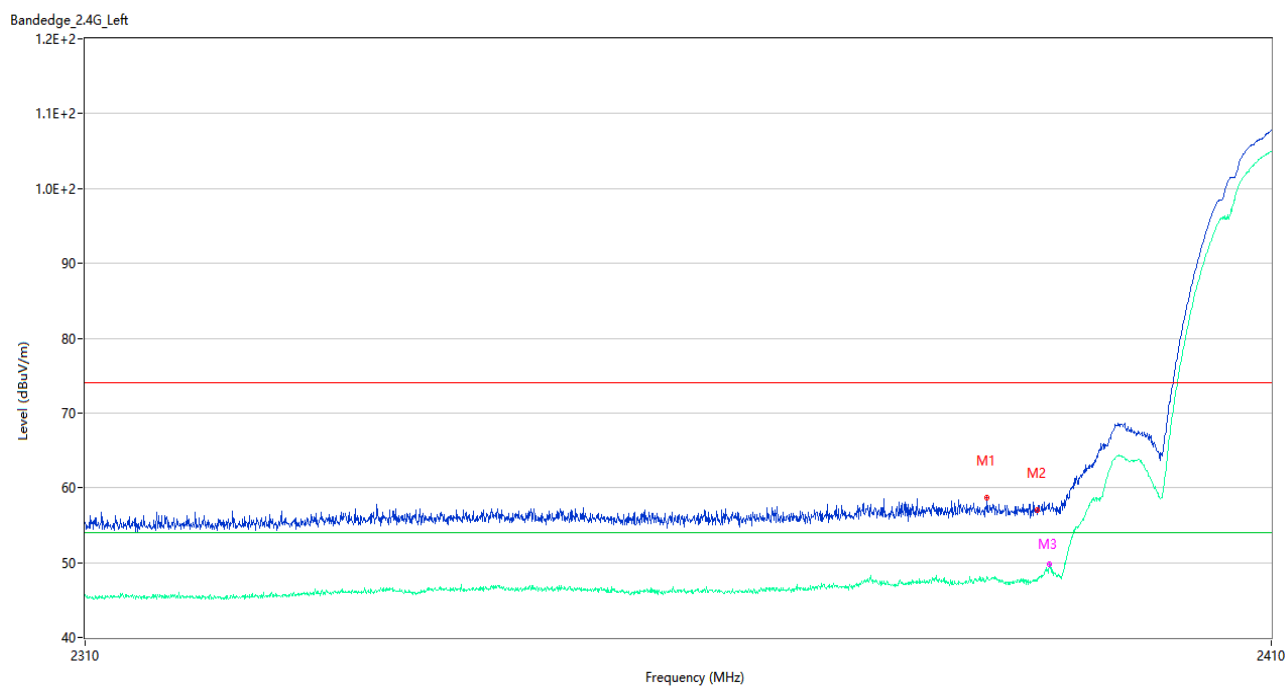
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	60.34	1.77	74.0	13.66	Peak	38.00	200	Vertical	Pass
1**	2483.515	49.98	1.77	54.0	4.02	AV	38.00	200	Vertical	Pass
2	2484.385	62.94	1.76	74.0	11.06	Peak	52.00	100	Vertical	Pass
2**	2484.385	50.36	1.76	54.0	3.64	AV	52.00	100	Vertical	Pass

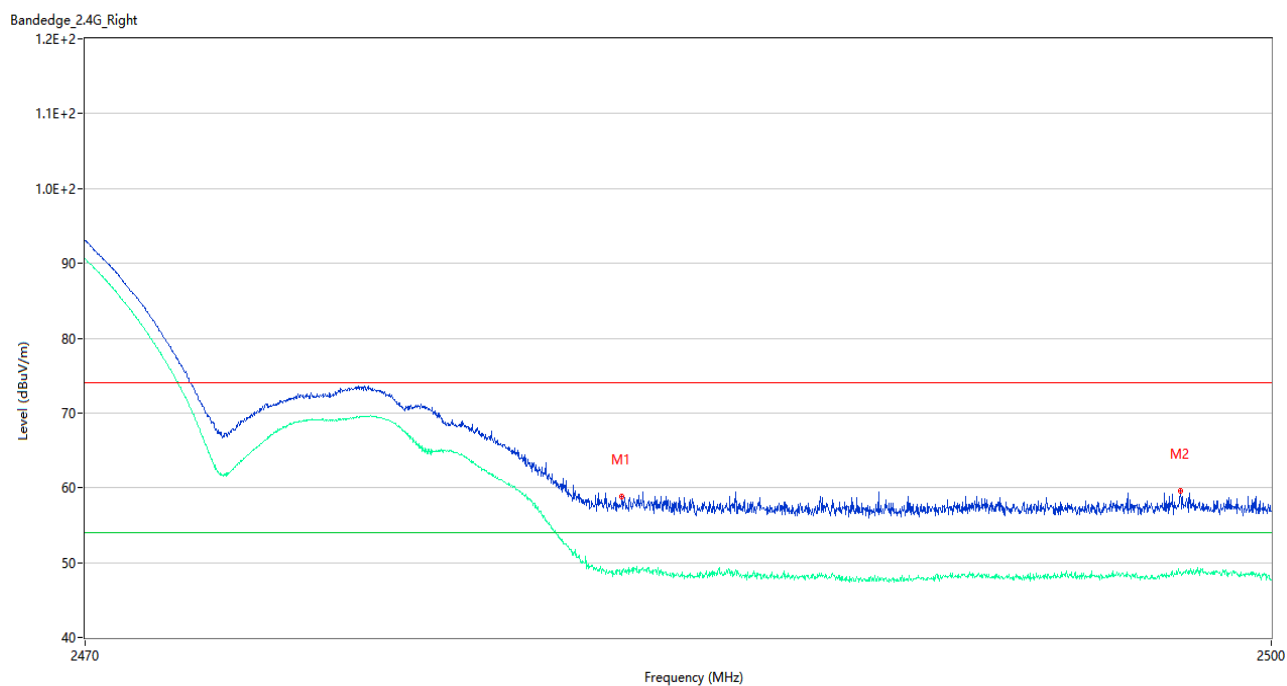
MIMO

802.11b LOW CHANNEL



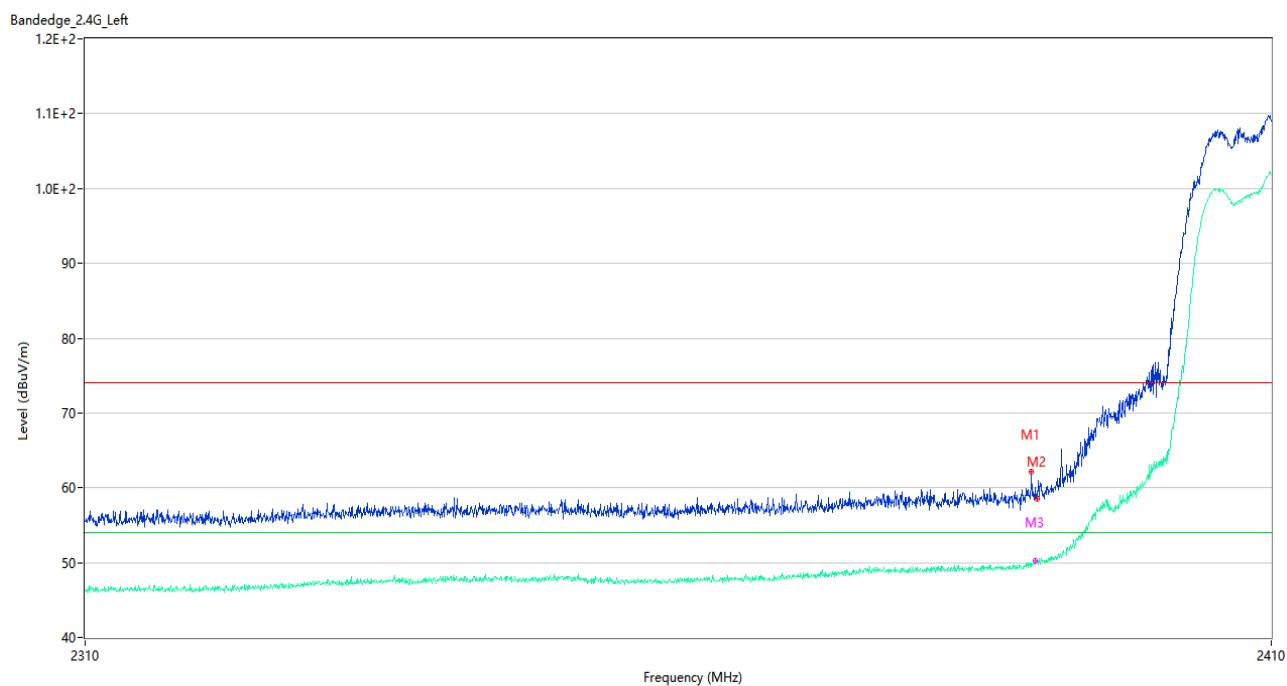
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.650	58.65	2.06	74.0	15.35	Peak	252.00	200	Vertical	Pass
1**	2385.650	48.09	2.06	54.0	5.91	AV	252.00	200	Vertical	Pass
2	2389.950	57.05	1.86	74.0	16.95	Peak	252.00	100	Vertical	Pass
2**	2389.950	47.53	1.86	54.0	6.47	AV	252.00	100	Vertical	Pass
3	2390.950	57.94	1.81	74.0	16.06	Peak	157.00	150	Vertical	Pass
3**	2390.950	49.82	1.81	54.0	4.18	AV	157.00	150	Vertical	Pass

802.11b HIGH CHANNEL



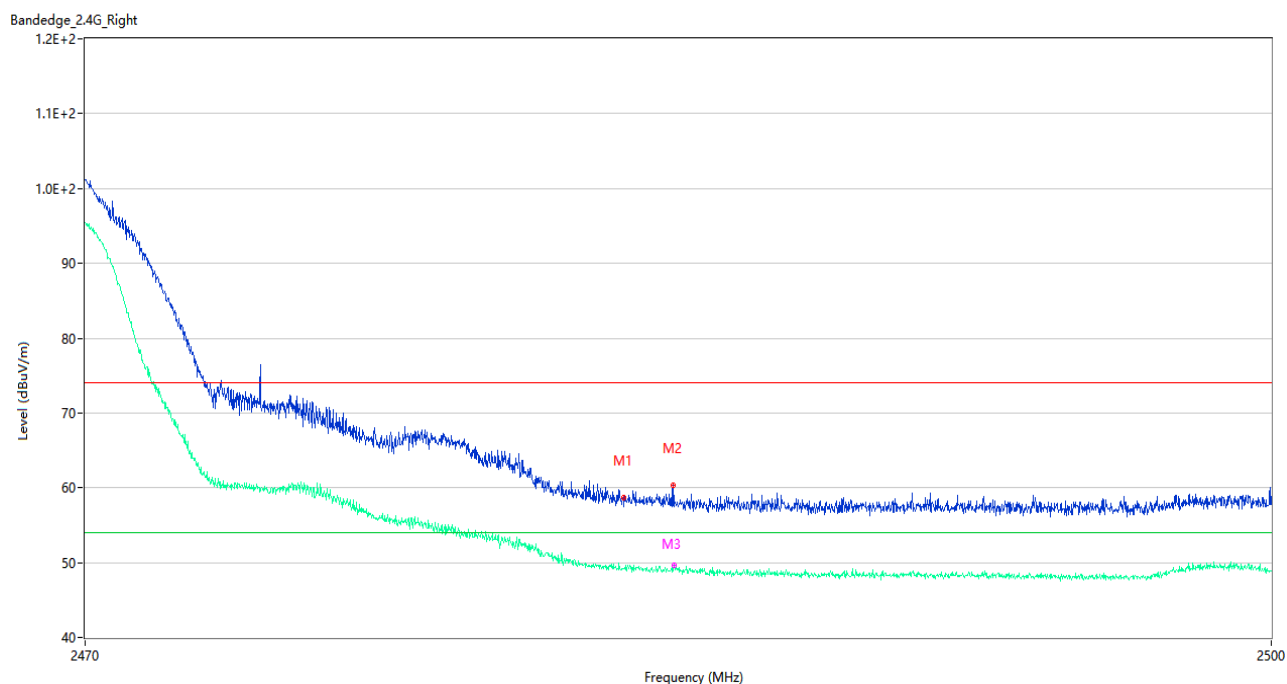
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	58.78	1.77	74.0	15.22	Peak	256.00	200	Vertical	Pass
1**	2483.530	48.89	1.77	54.0	5.11	AV	256.00	200	Vertical	Pass
2	2497.690	59.57	1.46	74.0	14.43	Peak	247.00	150	Vertical	Pass
2**	2497.690	48.67	1.46	54.0	5.33	AV	247.00	150	Vertical	Pass

802.11g LOW CHANNEL



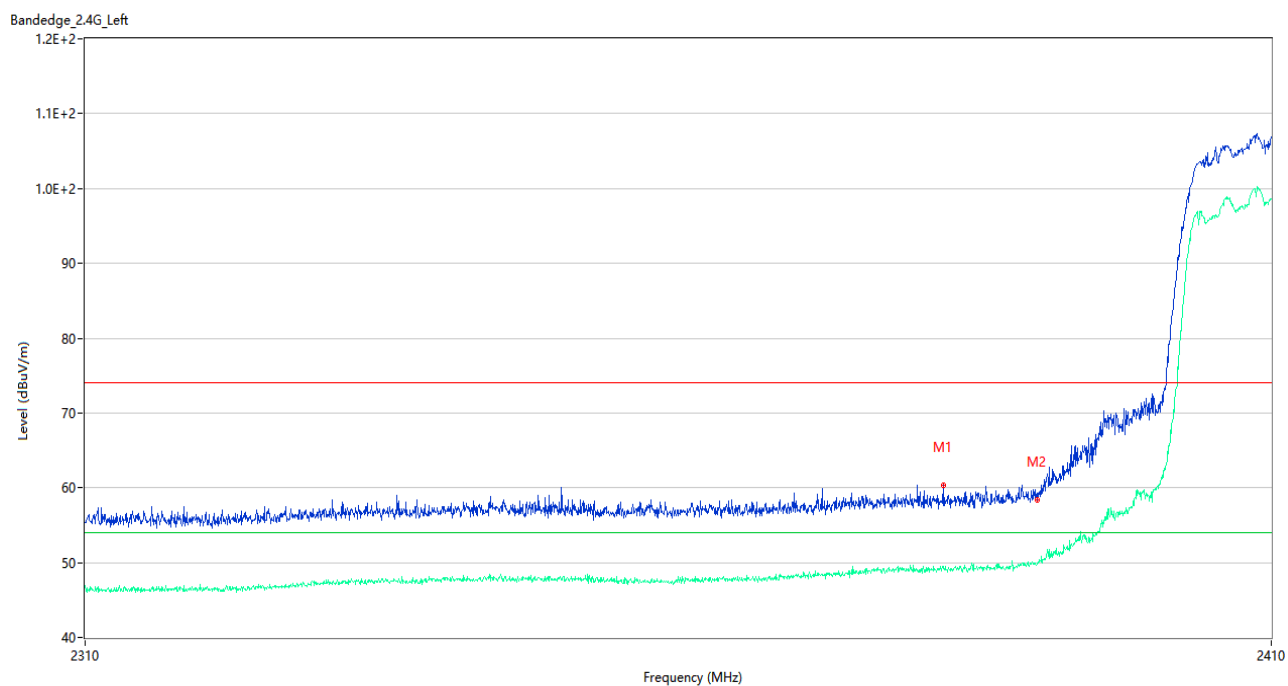
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.450	62.17	1.89	74.0	11.83	Peak	157.00	150	Vertical	Pass
1**	2389.450	49.88	1.89	54.0	4.12	AV	157.00	150	Vertical	Pass
2	2389.950	58.52	1.86	74.0	15.48	Peak	352.00	100	Vertical	Pass
2**	2389.950	50.28	1.86	54.0	3.72	AV	352.00	100	Vertical	Pass
3	2389.750	59.97	1.87	74.0	14.03	Peak	157.00	150	Vertical	Pass
3**	2389.750	50.22	1.87	54.0	3.78	AV	157.00	150	Vertical	Pass

802.11g HIGH CHANNEL



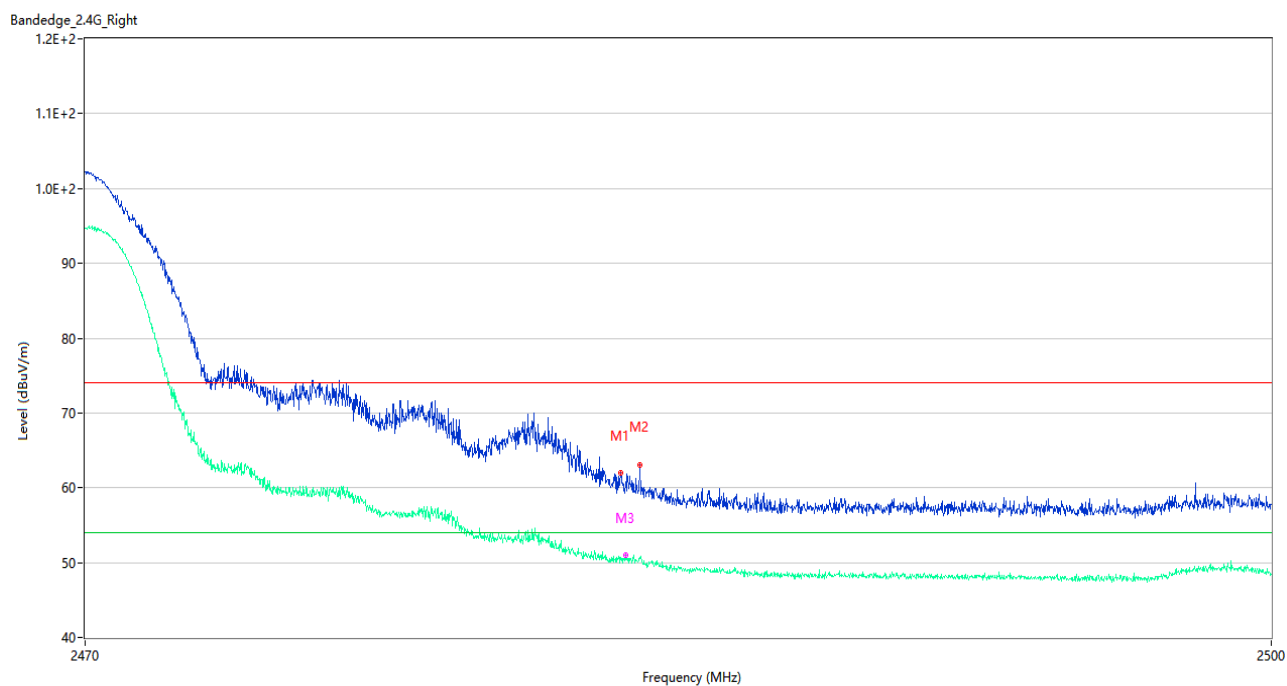
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	58.68	1.77	74.0	15.32	Peak	164.00	150	Vertical	Pass
1**	2483.575	49.17	1.77	54.0	4.83	AV	164.00	150	Vertical	Pass
2	2484.835	60.37	1.75	74.0	13.63	Peak	161.00	200	Vertical	Pass
2**	2484.835	48.86	1.75	54.0	5.14	AV	161.00	200	Vertical	Pass
3	2484.865	57.46	1.75	74.0	16.54	Peak	312.00	150	Vertical	Pass
3**	2484.865	49.66	1.75	54.0	4.34	AV	312.00	150	Vertical	Pass

802.11n20 LOW CHANNEL



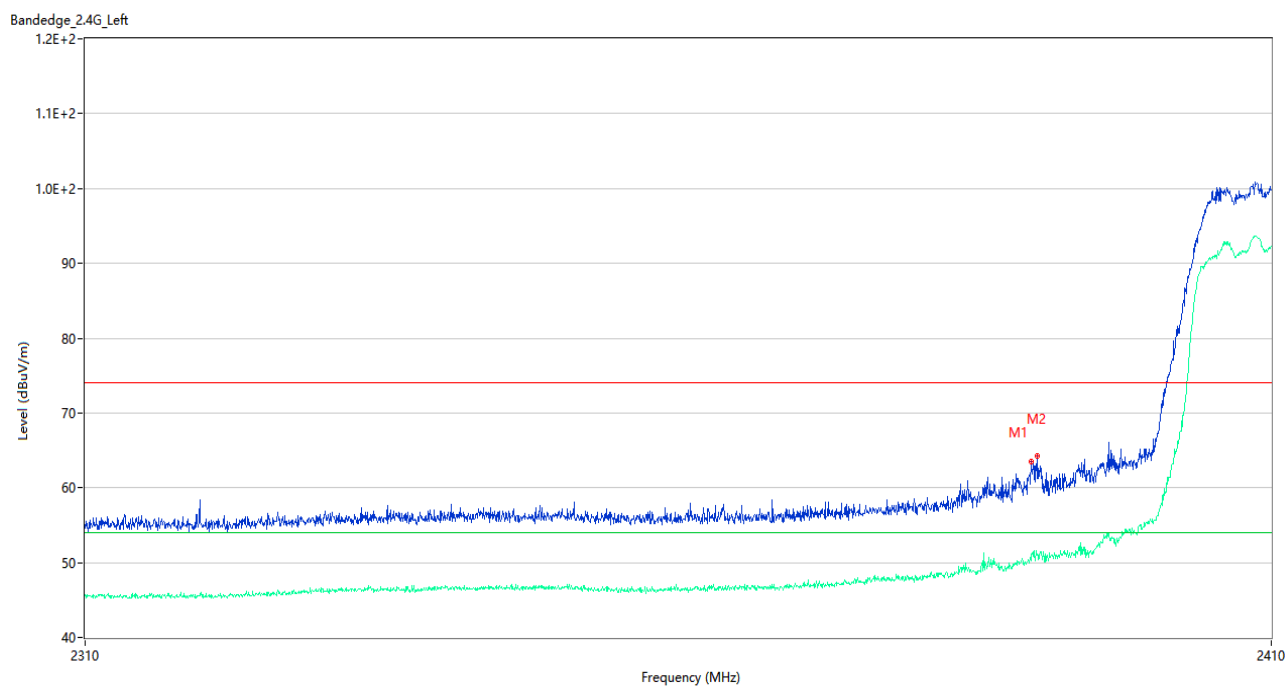
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2381.900	60.41	1.99	74.0	13.59	Peak	160.00	100	Vertical	Pass
1**	2381.900	49.20	1.99	54.0	4.80	AV	160.00	100	Vertical	Pass
2	2389.950	58.43	1.86	74.0	15.57	Peak	251.00	200	Vertical	Pass
2**	2389.950	49.93	1.86	54.0	4.07	AV	251.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL



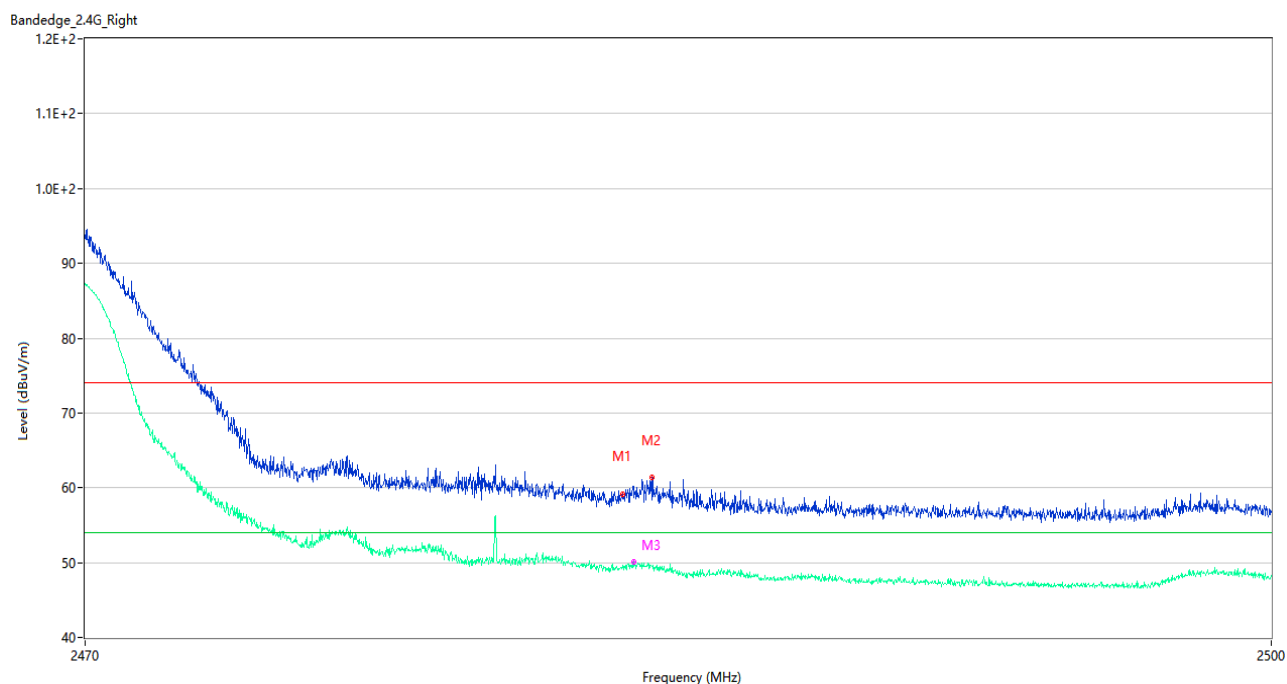
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.02	1.77	74.0	11.98	Peak	252.00	150	Vertical	Pass
1**	2483.500	50.63	1.77	54.0	3.37	AV	252.00	150	Vertical	Pass
2	2483.995	63.12	1.77	74.0	10.88	Peak	160.00	100	Vertical	Pass
2**	2483.995	50.48	1.77	54.0	3.52	AV	160.00	100	Vertical	Pass
3	2483.620	60.54	1.77	74.0	13.46	Peak	249.00	150	Vertical	Pass
3**	2483.620	51.00	1.77	54.0	3.00	AV	249.00	150	Vertical	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	2389.400	63.51	1.90	74.0	10.49	Peak	159.00	100	Vertical	Pass
1**	2389.400	50.19	1.90	54.0	3.81	AV	159.00	100	Vertical	Pass
2	2389.950	64.30	1.86	74.0	9.70	Peak	155.00	150	Vertical	Pass
2**	2389.950	50.97	1.86	54.0	3.03	AV	155.00	150	Vertical	Pass

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	2483.545	59.18	1.77	74.0	14.82	Peak	300.00	150	Vertical	Pass
1**	2483.545	49.58	1.77	54.0	4.42	AV	300.00	150	Vertical	Pass
2	2484.295	61.36	1.77	74.0	12.64	Peak	159.00	100	Vertical	Pass
2**	2484.295	49.52	1.77	54.0	4.48	AV	159.00	100	Vertical	Pass
3	2483.845	58.73	1.77	74.0	15.27	Peak	0.00	150	Vertical	Pass
3**	2483.845	50.07	1.77	54.0	3.93	AV	0.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

ANT-0

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.64	8
Middle	-18.69	8
High	-17.45	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.82	8
Middle	-22.75	8
High	-23.39	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-23.80	8
Middle	-24.12	8
High	-22.92	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.36	8
Middle	-29.43	8
High	-27.95	8

ANT-1**802.11b Mode:**

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.48	8
Middle	-21.57	8
High	-19.84	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.91	8
Middle	-20.93	8
High	-19.84	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.87	8
Middle	-22.97	8
High	-21.27	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-29.30	8
Middle	-29.34	8
High	-27.31	8

MIMO-ANT-0

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.12	8
Middle	-20.16	8
High	-16.72	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.83	8
Middle	-17.33	8
High	-22.55	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-24.14	8
Middle	-19.13	8
High	-22.62	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-28.23	8
Middle	-28.58	8
High	-28.00	8

MIMO-ANT-1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.30	8
Middle	-22.70	8
High	-18.92	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.24	8
Middle	-20.34	8
High	-26.12	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-27.35	8
Middle	-21.30	8
High	-25.00	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-33.15	8
Middle	-33.09	8
High	-32.54	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.06	8
Middle	-18.23	8
High	-14.67	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-21.20	8
Middle	-15.56	8
High	-20.97	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-22.44	8
Middle	-17.07	8
High	-20.64	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-27.02	8
Middle	-27.26	8
High	-26.69	8

Test Plots

ANT-0

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



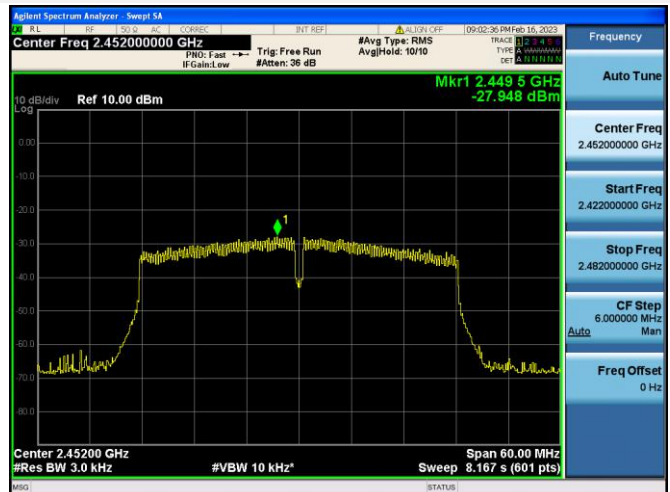
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANT-1

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



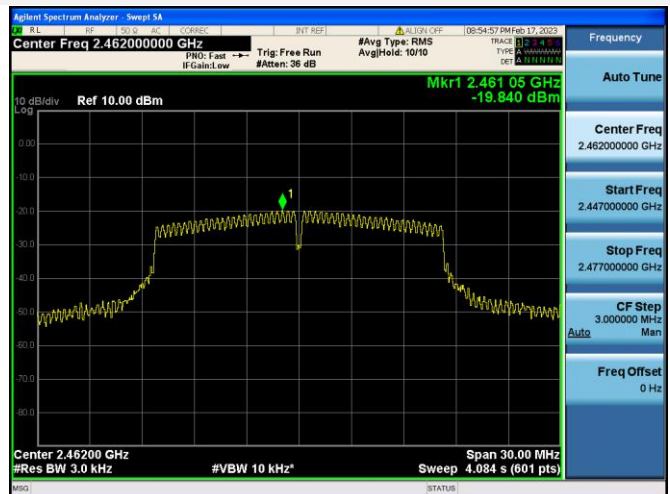
802.11g LOW CHANNEL



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



MIMO-ANT-0

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

