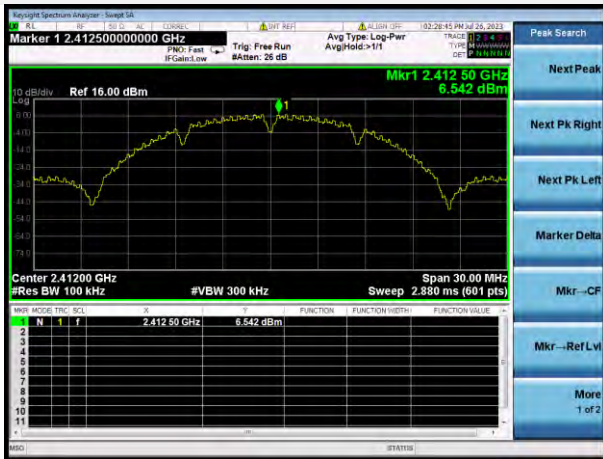
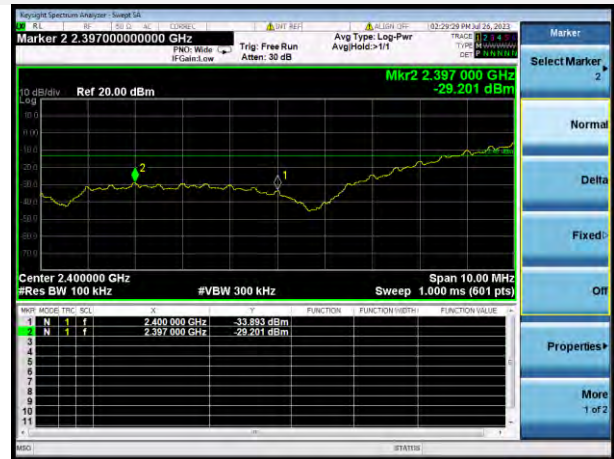


MIMO-Aux. Antenna

802.11b LOW CHANNEL, CARRIER LEVEL



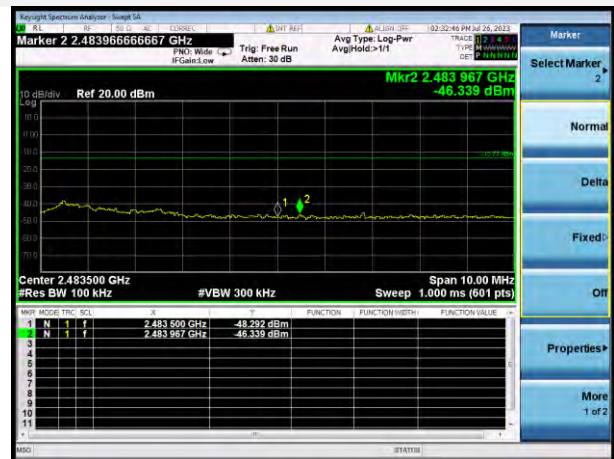
802.11b LOW CHANNEL, REFERENCE LEVEL



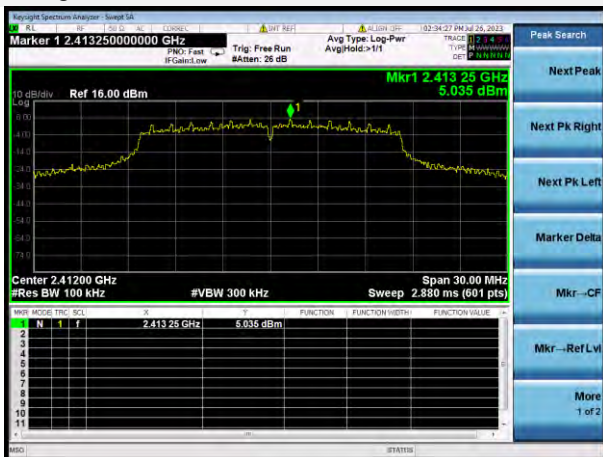
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, REFERENCE LEVEL



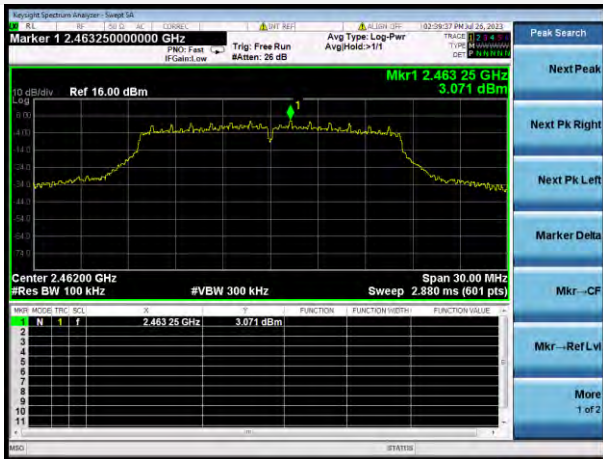
802.11g LOW CHANNEL, CARRIER LEVEL



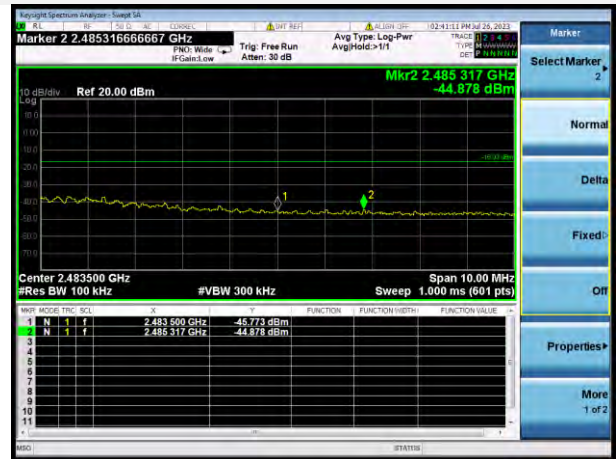
802.11g LOW CHANNEL, REFERENCE LEVEL



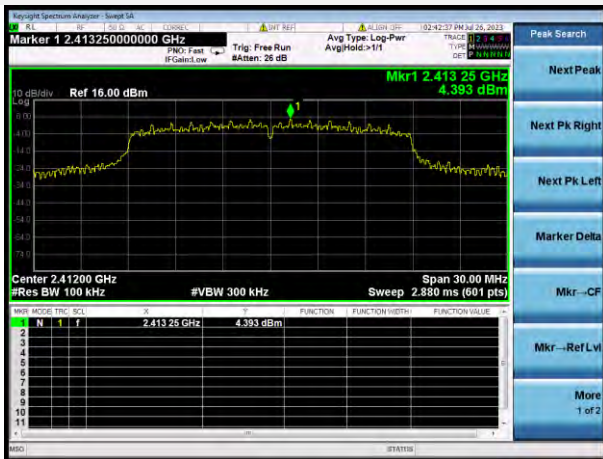
802.11g HIGH CHANNEL, CARRIER LEVEL



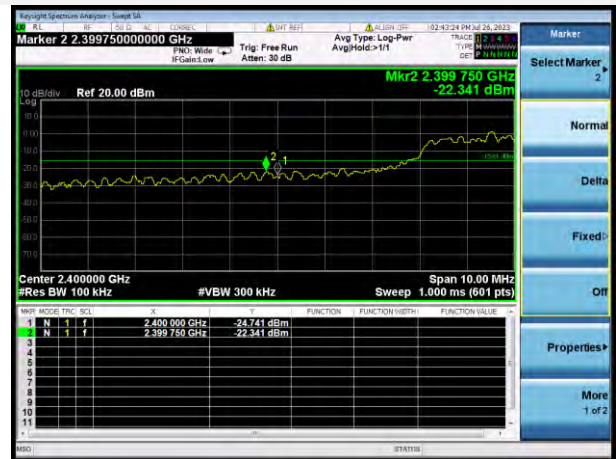
802.11g HIGH CHANNEL, REFERENCE LEVEL



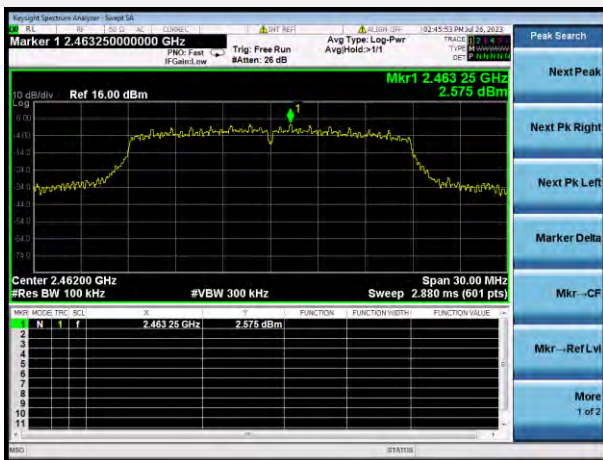
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



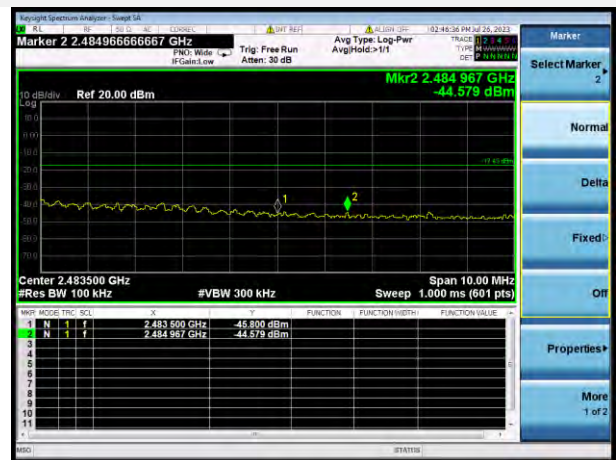
802.11n-20 MHz LOW CHANNEL, REFERENCE LEVEL



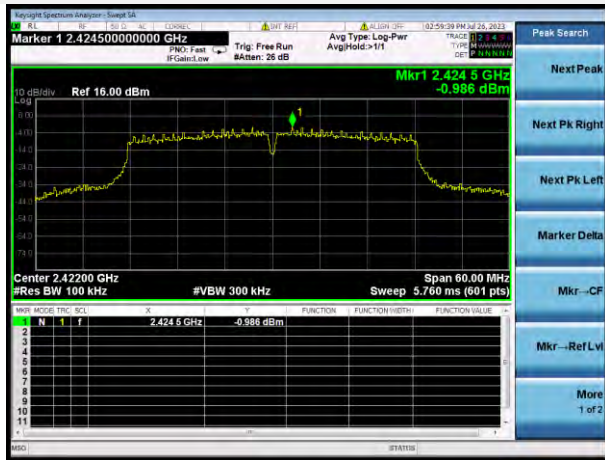
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, REFERENCE LEVEL



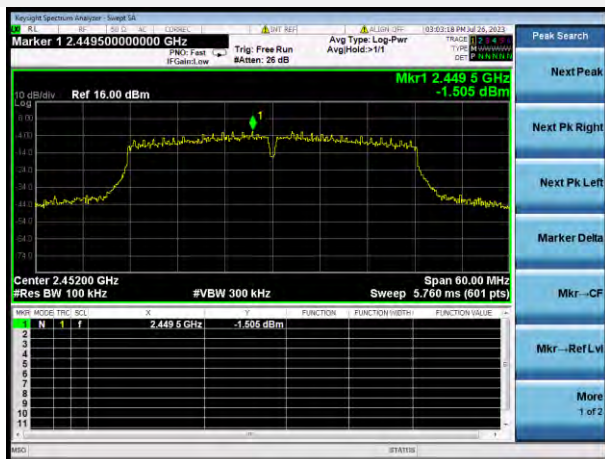
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



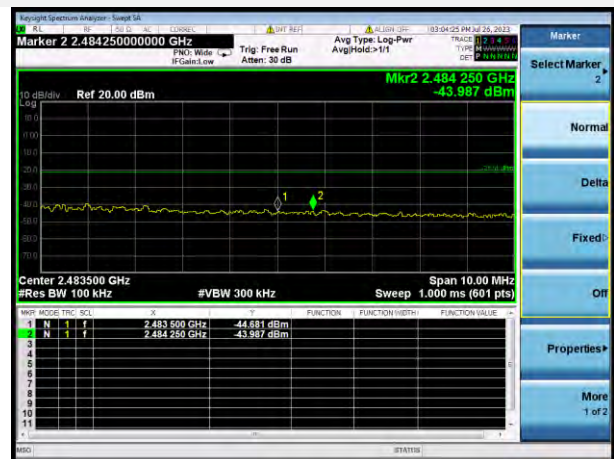
802.11n-40 MHz LOW CHANNEL, REFERENCE LEVEL



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, REFERENCE LEVEL



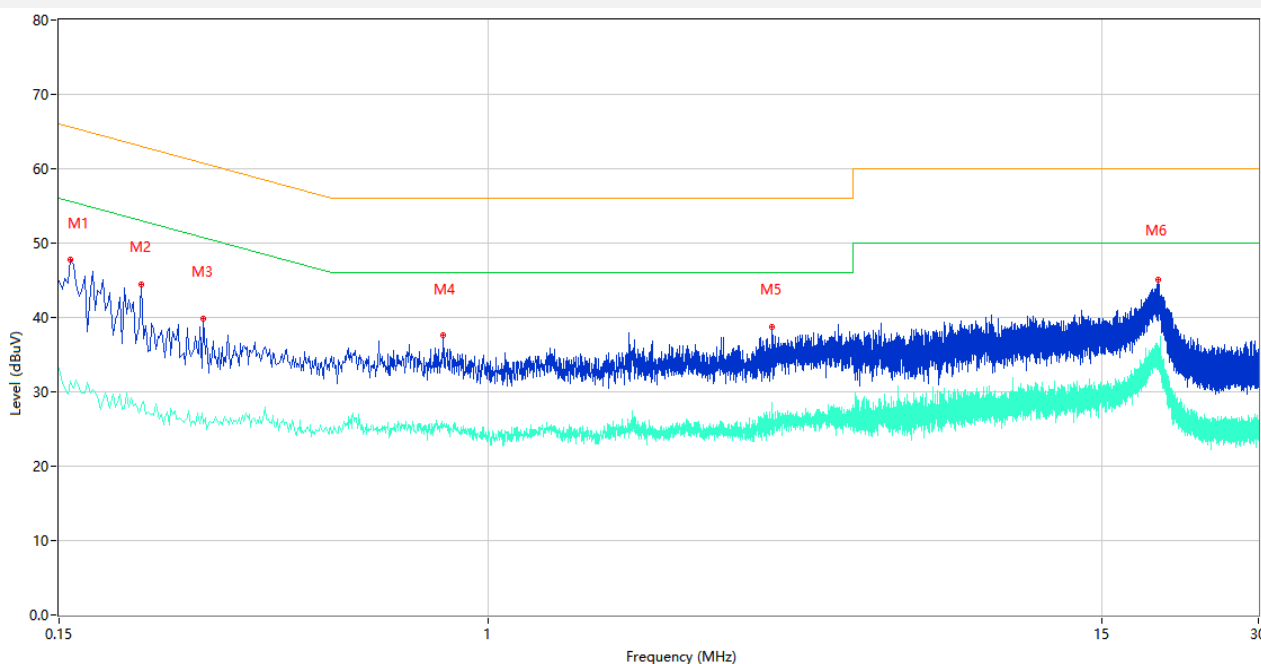
A.5 Conducted Emissions

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

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

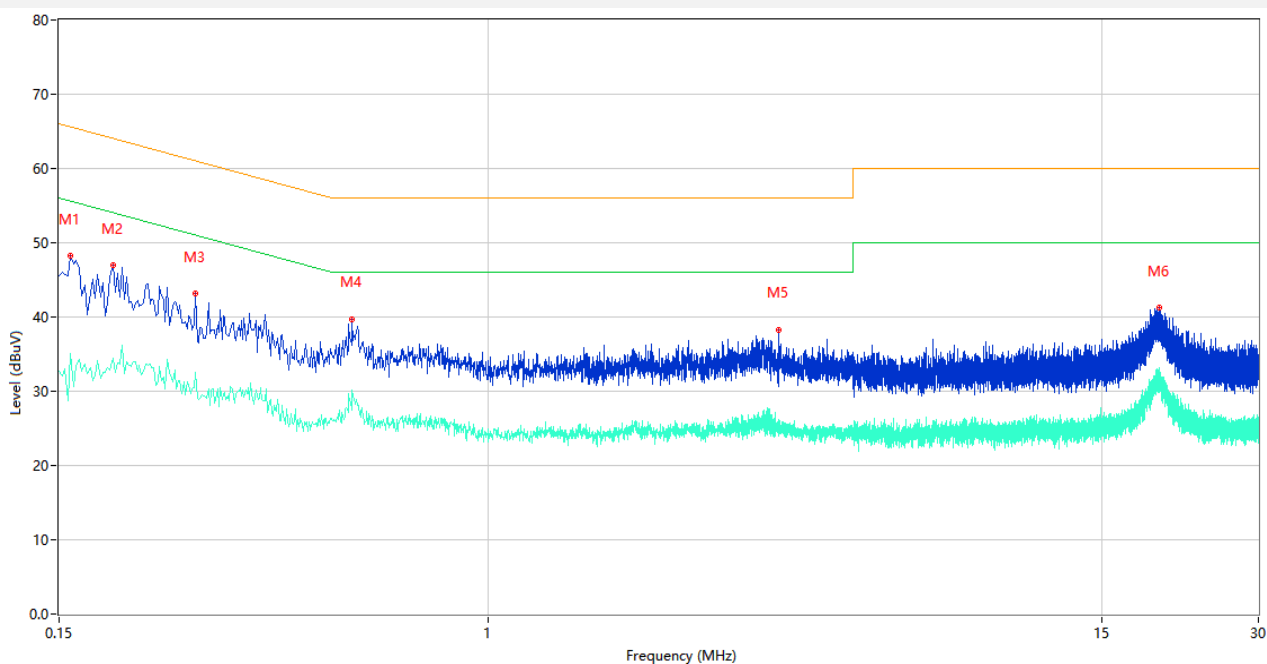
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	47.73	9.78	65.57	17.84	Peak	L	Pass
1**	0.158	31.49	9.78	55.57	24.08	AV	L	Pass
2	0.216	44.49	9.77	62.97	18.48	Peak	L	Pass
2**	0.216	28.04	9.77	52.97	24.93	AV	L	Pass
3	0.284	39.78	9.76	60.70	20.92	Peak	L	Pass
3**	0.284	25.73	9.76	50.70	24.97	AV	L	Pass
4	0.820	37.58	10.57	56.00	18.42	Peak	L	Pass
4**	0.820	25.31	10.57	46.00	20.69	AV	L	Pass
5	3.506	38.75	10.10	56.00	17.25	Peak	L	Pass
5**	3.506	28.50	10.10	46.00	17.50	AV	L	Pass
6	19.284	45.14	10.97	60.00	14.86	Peak	L	Pass
6**	19.284	35.99	10.97	50.00	14.01	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	48.25	9.78	65.57	17.32	Peak	N	Pass
1**	0.158	35.16	9.78	55.57	20.41	AV	N	Pass
2	0.190	46.91	9.78	64.04	17.13	Peak	N	Pass
2**	0.190	34.48	9.78	54.04	19.56	AV	N	Pass
3	0.274	43.15	9.76	61.00	17.85	Peak	N	Pass
3**	0.274	32.46	9.76	51.00	18.54	AV	N	Pass
4	0.548	39.69	10.03	56.00	16.31	Peak	N	Pass
4**	0.548	30.08	10.03	46.00	15.92	AV	N	Pass
5	3.612	38.27	10.37	56.00	17.73	Peak	N	Pass
5**	3.612	25.12	10.37	46.00	20.88	AV	N	Pass
6	19.342	41.23	10.98	60.00	18.77	Peak	N	Pass
6**	19.342	31.09	10.98	50.00	18.91	AV	N	Pass

A.6 Radiated Emission

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

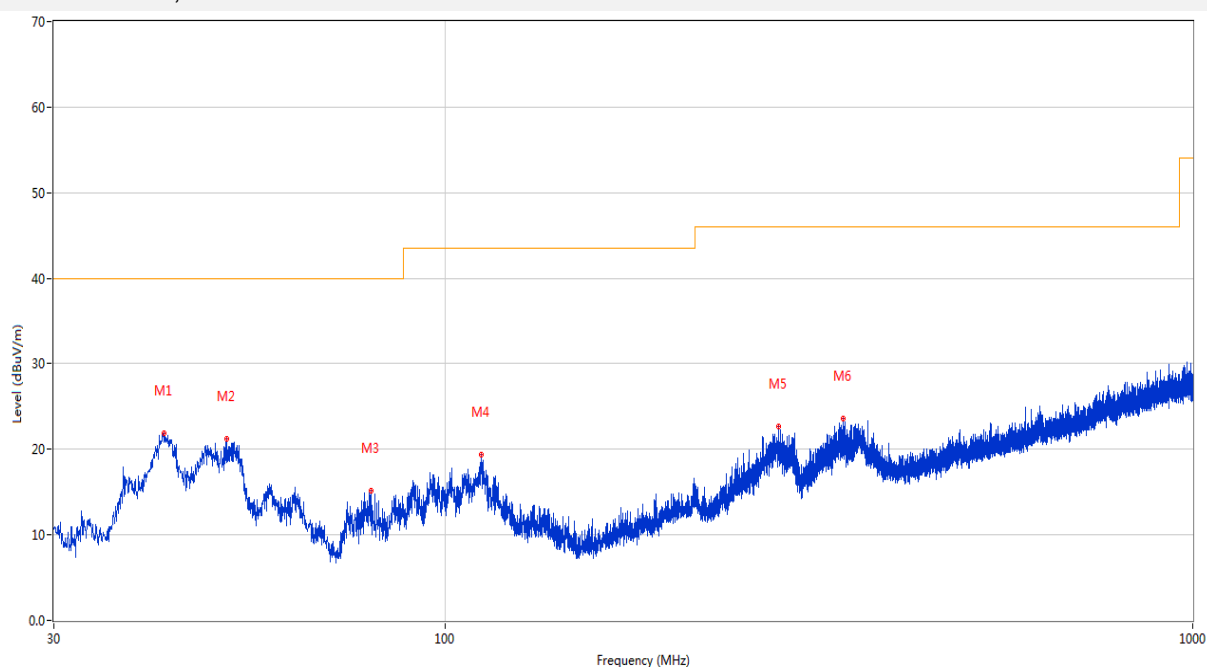
Note ²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

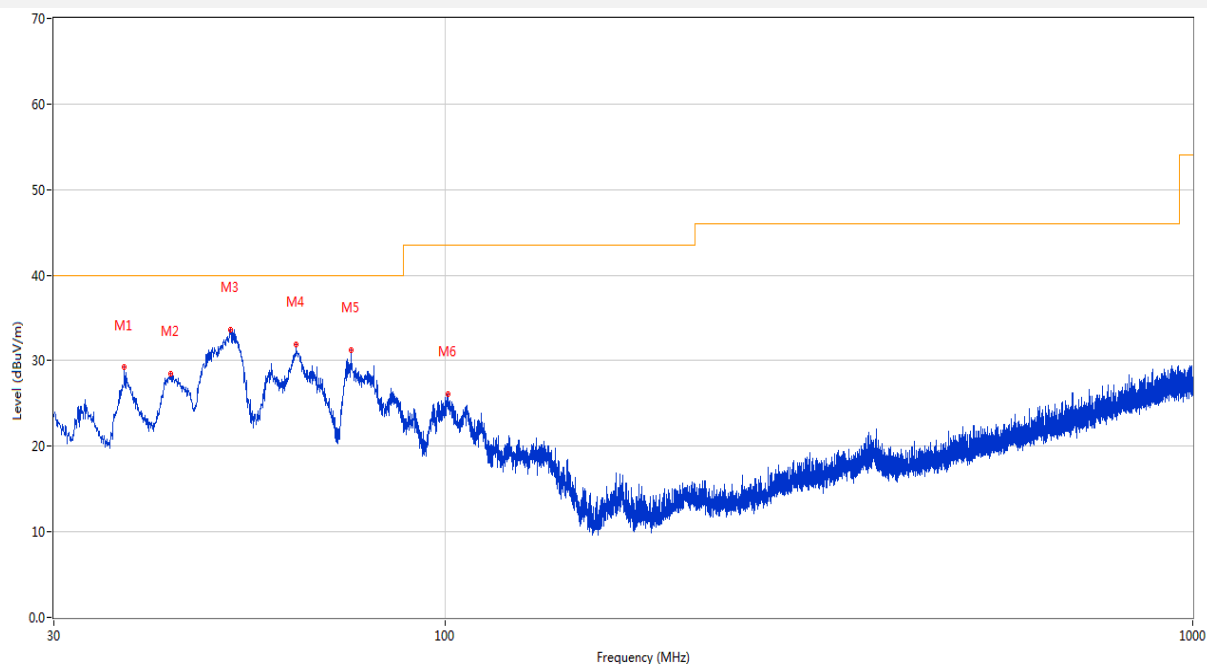
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.125	21.90	-23.45	40.0	18.10	Peak	245.70	100	Horizontal	Pass
2	51.049	21.27	-23.23	40.0	18.73	Peak	213.10	100	Horizontal	Pass
3	79.567	15.20	-28.43	40.0	24.80	Peak	159.30	200	Horizontal	Pass
4	111.820	19.34	-24.46	43.5	24.16	Peak	359.70	200	Horizontal	Pass
5	279.484	22.66	-21.82	46.0	23.34	Peak	184.60	100	Horizontal	Pass
6	340.400	23.59	-20.15	46.0	22.41	Peak	202.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.275	29.21	-24.59	40.0	10.79	Peak	235.70	100	Vertical	Pass
2	43.047	28.42	-23.38	40.0	11.58	Peak	311.30	100	Vertical	Pass
3	51.728	33.61	-23.24	40.0	6.39	Peak	304.90	100	Vertical	Pass
4	63.222	31.85	-24.80	40.0	8.15	Peak	285.50	100	Vertical	Pass
5	74.911	31.27	-28.53	40.0	8.73	Peak	124.90	100	Vertical	Pass
6	100.955	26.14	-24.66	43.5	17.36	Peak	136.30	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.

Main Antenna

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	1309.000	41.86	-17.52	74.0	32.14	Peak	154.00	100	Horizontal	Pass
1**	1309.000	31.93	-17.52	54.0	22.07	AV	154.00	100	Horizontal	Pass
2	2413.400	100.71	-13.08	74.0	-26.71	Peak	124.00	200	Horizontal	N/A
2**	2413.400	97.84	-13.08	54.0	-43.84	AV	124.00	200	Horizontal	N/A
3	2989.100	50.47	-10.20	74.0	23.53	Peak	39.00	100	Horizontal	Pass
3**	2989.100	41.46	-10.20	54.0	12.54	AV	39.00	100	Horizontal	Pass
4	4824.200	52.54	-3.66	74.0	21.46	Peak	187.00	200	Horizontal	Pass
4**	4824.200	50.33	-3.66	54.0	3.67	AV	187.00	200	Horizontal	Pass
5	6627.400	52.94	-1.28	74.0	21.06	Peak	86.00	200	Horizontal	Pass
5**	6627.400	42.83	-1.28	54.0	11.17	AV	86.00	200	Horizontal	Pass
6	14222.888	52.65	3.50	74.0	21.35	Peak	22.00	100	Horizontal	Pass
6**	14222.888	43.80	3.50	54.0	10.20	AV	22.00	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	1064.800	40.85	-18.58	74.0	33.15	Peak	11.00	200	Vertical	Pass
1**	1064.800	30.40	-18.58	54.0	23.60	AV	11.00	200	Vertical	Pass
2	2413.400	105.23	-13.08	74.0	-31.23	Peak	205.00	100	Vertical	N/A
2**	2413.400	102.34	-13.08	54.0	-48.34	AV	205.00	100	Vertical	N/A
3	2894.600	49.92	-9.89	74.0	24.08	Peak	0.00	100	Vertical	Pass
3**	2894.600	40.41	-9.89	54.0	13.59	AV	0.00	100	Vertical	Pass
4	4824.200	49.95	-3.66	74.0	24.05	Peak	249.00	100	Vertical	Pass
4**	4824.200	45.70	-3.66	54.0	8.30	AV	249.00	100	Vertical	Pass
5	6972.000	53.00	-0.39	74.0	21.00	Peak	133.00	200	Vertical	Pass
5**	6972.000	43.05	-0.39	54.0	10.95	AV	133.00	200	Vertical	Pass
6	14992.012	53.53	4.24	74.0	20.47	Peak	298.00	100	Vertical	Pass
6**	14992.012	43.70	4.24	54.0	10.30	AV	298.00	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	1185.300	41.51	-18.26	74.0	32.49	Peak	63.00	100	Horizontal	Pass
1**	1185.300	31.55	-18.26	54.0	22.45	AV	63.00	100	Horizontal	Pass
2	2438.400	99.72	-12.39	74.0	-25.72	Peak	174.00	400	Horizontal	N/A
2**	2438.400	96.75	-12.39	54.0	-42.75	AV	174.00	400	Horizontal	N/A
3	2982.600	50.36	-10.25	74.0	23.64	Peak	352.00	100	Horizontal	Pass
3**	2982.600	41.44	-10.25	54.0	12.56	AV	352.00	100	Horizontal	Pass
4	4874.200	54.49	-3.63	74.0	19.51	Peak	191.00	200	Horizontal	Pass
4**	4874.200	53.15	-3.63	54.0	0.85	AV	191.00	200	Horizontal	Pass
5	6882.800	52.67	-0.62	74.0	21.33	Peak	183.00	150	Horizontal	Pass
5**	6882.800	43.53	-0.62	54.0	10.47	AV	183.00	150	Horizontal	Pass
6	14682.000	53.72	4.10	74.0	20.28	Peak	94.00	300	Horizontal	Pass
6**	14682.000	43.97	4.10	54.0	10.03	AV	94.00	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	1288.100	41.85	-17.55	74.0	32.15	Peak	116.00	300	Vertical	Pass
1**	1288.100	31.68	-17.55	54.0	22.32	AV	116.00	300	Vertical	Pass
2	2438.300	105.31	-12.38	74.0	-31.31	Peak	200.00	150	Vertical	N/A
2**	2438.300	102.40	-12.38	54.0	-48.40	AV	200.00	150	Vertical	N/A
3	2985.900	50.51	-10.14	74.0	23.49	Peak	63.00	200	Vertical	Pass
3**	2985.900	41.59	-10.14	54.0	12.41	AV	63.00	200	Vertical	Pass
4	4800.400	50.14	-3.53	74.0	23.86	Peak	329.00	200	Vertical	Pass
4**	4800.400	44.85	-3.53	54.0	9.15	AV	329.00	200	Vertical	Pass
5	4874.200	51.32	-3.63	74.0	22.68	Peak	147.00	100	Vertical	Pass
5**	4874.200	49.10	-3.63	54.0	4.90	AV	147.00	100	Vertical	Pass
6	14743.425	53.15	4.52	74.0	20.85	Peak	185.00	200	Vertical	Pass
6**	14743.425	44.34	4.52	54.0	9.66	AV	185.00	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	1466.200	43.06	-17.78	74.0	30.94	Peak	196.00	400	Horizontal	Pass
1**	1466.200	32.11	-17.78	54.0	21.89	AV	196.00	400	Horizontal	Pass
2	2460.500	100.70	-13.15	74.0	-26.70	Peak	34.00	100	Horizontal	N/A
2**	2460.500	97.80	-13.15	54.0	-43.80	AV	34.00	100	Horizontal	N/A
3	2956.600	51.16	-10.25	74.0	22.84	Peak	201.00	150	Horizontal	Pass
3**	2956.600	40.50	-10.25	54.0	13.50	AV	201.00	150	Horizontal	Pass
4	4924.200	54.55	-3.83	74.0	19.45	Peak	197.00	200	Horizontal	Pass
4**	4924.200	52.21	-3.83	54.0	1.79	AV	197.00	200	Horizontal	Pass
5	6429.000	53.18	-1.77	74.0	20.82	Peak	349.00	200	Horizontal	Pass
5**	6429.000	42.57	-1.77	54.0	11.43	AV	349.00	200	Horizontal	Pass
6	14972.849	53.31	4.46	74.0	20.69	Peak	151.00	300	Horizontal	Pass
6**	14972.849	44.18	4.46	54.0	9.82	AV	151.00	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	1330.800	41.77	-17.71	74.0	32.23	Peak	163.00	200	Vertical	Pass
1**	1330.800	33.47	-17.71	54.0	20.53	AV	163.00	200	Vertical	Pass
2	2460.400	105.95	-13.16	74.0	-31.95	Peak	235.00	150	Vertical	N/A
2**	2460.400	103.08	-13.16	54.0	-49.08	AV	235.00	150	Vertical	N/A
3	2997.400	50.37	-10.14	74.0	23.63	Peak	58.00	300	Vertical	Pass
3**	2997.400	41.26	-10.14	54.0	12.74	AV	58.00	300	Vertical	Pass
4	4924.000	51.35	-3.83	74.0	22.65	Peak	194.00	100	Vertical	Pass
4**	4924.000	49.16	-3.83	54.0	4.84	AV	194.00	100	Vertical	Pass
5	6970.200	53.41	-0.43	74.0	20.59	Peak	274.00	200	Vertical	Pass
5**	6970.200	44.49	-0.43	54.0	9.51	AV	274.00	200	Vertical	Pass
6	14768.888	53.80	4.60	74.0	20.20	Peak	320.00	100	Vertical	Pass
6**	14768.888	44.09	4.60	54.0	9.91	AV	320.00	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	1573.500	41.33	-17.57	74.0	32.67	Peak	299.00	300	Horizontal	Pass
1**	1573.500	32.24	-17.57	54.0	21.76	AV	299.00	300	Horizontal	Pass
2	2413.400	102.25	-13.08	74.0	-28.25	Peak	125.00	150	Horizontal	N/A
2**	2413.400	94.42	-13.08	54.0	-40.42	AV	125.00	150	Horizontal	N/A
3	2954.900	50.08	-10.26	74.0	23.92	Peak	0.00	100	Horizontal	Pass
3**	2954.900	40.68	-10.26	54.0	13.32	AV	0.00	100	Horizontal	Pass
4	4806.000	50.28	-3.51	74.0	23.72	Peak	256.00	400	Horizontal	Pass
4**	4806.000	41.01	-3.51	54.0	12.99	AV	256.00	400	Horizontal	Pass
5	6869.600	52.93	-1.05	74.0	21.07	Peak	171.00	400	Horizontal	Pass
5**	6869.600	45.00	-1.05	54.0	9.00	AV	171.00	400	Horizontal	Pass
6	11661.813	51.76	2.51	74.0	22.24	Peak	291.00	150	Horizontal	Pass
6**	11661.813	42.86	2.51	54.0	11.14	AV	291.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	42.76	-17.73	74.0	31.24	Peak	89.00	200	Vertical	Pass
1**	1599.900	32.53	-17.73	54.0	21.47	AV	89.00	200	Vertical	Pass
2	2416.200	107.37	-12.91	74.0	-33.37	Peak	204.00	150	Vertical	N/A
2**	2416.200	99.92	-12.91	54.0	-45.92	AV	204.00	150	Vertical	N/A
3	2980.600	50.14	-10.28	74.0	23.86	Peak	75.00	300	Vertical	Pass
3**	2980.600	41.09	-10.28	54.0	12.91	AV	75.00	300	Vertical	Pass
4	4799.600	49.92	-3.53	74.0	24.08	Peak	300.00	100	Vertical	Pass
4**	4799.600	41.82	-3.53	54.0	12.18	AV	300.00	100	Vertical	Pass
5	6657.000	53.27	-0.99	74.0	20.73	Peak	358.00	200	Vertical	Pass
5**	6657.000	42.72	-0.99	54.0	11.28	AV	358.00	200	Vertical	Pass
6	14192.175	52.71	3.59	74.0	21.29	Peak	302.00	150	Vertical	Pass
6**	14192.175	43.72	3.59	54.0	10.28	AV	302.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1269.000	42.35	-17.68	74.0	31.65	Peak	51.00	150	Horizontal	Pass
1**	1269.000	32.46	-17.68	54.0	21.54	AV	51.00	150	Horizontal	Pass
2	2438.200	101.13	-12.38	74.0	-27.13	Peak	170.00	100	Horizontal	N/A
2**	2438.200	93.39	-12.38	54.0	-39.39	AV	170.00	100	Horizontal	N/A
3	2955.100	50.64	-10.25	74.0	23.36	Peak	359.00	150	Horizontal	Pass
3**	2955.100	41.36	-10.25	54.0	12.64	AV	359.00	150	Horizontal	Pass
4	4866.600	52.92	-3.54	74.0	21.08	Peak	243.00	400	Horizontal	Pass
4**	4866.600	41.68	-3.54	54.0	12.32	AV	243.00	400	Horizontal	Pass
5	6892.600	52.81	-0.53	74.0	21.19	Peak	82.00	100	Horizontal	Pass
5**	6892.600	44.23	-0.53	54.0	9.77	AV	82.00	100	Horizontal	Pass
6	14206.349	52.84	3.55	74.0	21.16	Peak	287.00	150	Horizontal	Pass
6**	14206.349	43.92	3.55	54.0	10.08	AV	287.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	42.72	-17.73	74.0	31.28	Peak	92.00	300	Vertical	Pass
1**	1598.900	32.85	-17.73	54.0	21.15	AV	92.00	300	Vertical	Pass
2	2438.000	107.69	-12.37	74.0	-33.69	Peak	184.00	200	Vertical	N/A
2**	2438.000	99.97	-12.37	54.0	-45.97	AV	184.00	200	Vertical	N/A
3	2968.100	50.38	-10.50	74.0	23.62	Peak	63.00	150	Vertical	Pass
3**	2968.100	40.46	-10.50	54.0	13.54	AV	63.00	150	Vertical	Pass
4	4800.400	49.62	-3.53	74.0	24.38	Peak	313.00	150	Vertical	Pass
4**	4800.400	44.42	-3.53	54.0	9.58	AV	313.00	150	Vertical	Pass
5	6961.600	53.29	-0.56	74.0	20.71	Peak	11.00	150	Vertical	Pass
5**	6961.600	43.83	-0.56	54.0	10.17	AV	11.00	150	Vertical	Pass
6	11673.600	51.62	2.46	74.0	22.38	Peak	251.00	150	Vertical	Pass
6**	11673.600	42.66	2.46	54.0	11.34	AV	251.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.800	41.60	-17.72	74.0	32.40	Peak	214.00	100	Horizontal	Pass
1**	1589.800	31.95	-17.72	54.0	22.05	AV	214.00	100	Horizontal	Pass
2	2457.400	103.11	-13.18	74.0	-29.11	Peak	167.00	200	Horizontal	N/A
2**	2457.400	94.22	-13.18	54.0	-40.22	AV	167.00	200	Horizontal	N/A
3	2964.500	50.34	-10.48	74.0	23.66	Peak	60.00	150	Horizontal	Pass
3**	2964.500	40.94	-10.48	54.0	13.06	AV	60.00	150	Horizontal	Pass
4	4922.400	51.24	-3.79	74.0	22.76	Peak	191.00	400	Horizontal	Pass
4**	4922.400	42.68	-3.79	54.0	11.32	AV	191.00	400	Horizontal	Pass
5	6938.400	52.82	-0.41	74.0	21.18	Peak	313.00	300	Horizontal	Pass
5**	6938.400	44.90	-0.41	54.0	9.10	AV	313.00	300	Horizontal	Pass
6	13108.838	52.07	2.89	74.0	21.93	Peak	110.00	150	Horizontal	Pass
6**	13108.838	41.62	2.89	54.0	12.38	AV	110.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.700	42.19	-17.73	74.0	31.81	Peak	98.00	200	Vertical	Pass
1**	1598.700	32.95	-17.73	54.0	21.05	AV	98.00	200	Vertical	Pass
2	2457.400	107.74	-13.18	74.0	-33.74	Peak	196.00	150	Vertical	N/A
2**	2457.400	99.99	-13.18	54.0	-45.99	AV	196.00	150	Vertical	N/A
3	2994.000	50.93	-10.06	74.0	23.07	Peak	170.00	150	Vertical	Pass
3**	2994.000	41.51	-10.06	54.0	12.49	AV	170.00	150	Vertical	Pass
4	4798.200	49.52	-3.55	74.0	24.48	Peak	264.00	150	Vertical	Pass
4**	4798.200	40.35	-3.55	54.0	13.65	AV	264.00	150	Vertical	Pass
5	6949.000	54.04	-0.44	74.0	19.96	Peak	91.00	200	Vertical	Pass
5**	6949.000	44.34	-0.44	54.0	9.66	AV	91.00	200	Vertical	Pass
6	14941.875	53.56	4.70	74.0	20.44	Peak	284.00	150	Vertical	Pass
6**	14941.875	43.76	4.70	54.0	10.24	AV	284.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.300	41.76	-17.80	74.0	32.24	Peak	360.00	100	Horizontal	Pass
1**	1545.300	31.64	-17.80	54.0	22.36	AV	360.00	100	Horizontal	Pass
2	2415.600	101.53	-12.95	74.0	-27.53	Peak	121.00	100	Horizontal	N/A
2**	2415.600	93.59	-12.95	54.0	-39.59	AV	121.00	100	Horizontal	N/A
3	2919.000	51.06	-10.42	74.0	22.94	Peak	101.00	150	Horizontal	Pass
3**	2919.000	40.53	-10.42	54.0	13.47	AV	101.00	150	Horizontal	Pass
4	4862.200	50.73	-3.55	74.0	23.27	Peak	142.00	400	Horizontal	Pass
4**	4862.200	41.00	-3.55	54.0	13.00	AV	142.00	400	Horizontal	Pass
5	6971.800	53.63	-0.40	74.0	20.37	Peak	126.00	300	Horizontal	Pass
5**	6971.800	43.66	-0.40	54.0	10.34	AV	126.00	300	Horizontal	Pass
6	11679.638	51.99	2.44	74.0	22.01	Peak	251.00	150	Horizontal	Pass
6**	11679.638	42.83	2.44	54.0	11.17	AV	251.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.600	41.73	-17.66	74.0	32.27	Peak	360.00	100	Vertical	Pass
1**	1584.600	31.88	-17.66	54.0	22.12	AV	360.00	100	Vertical	Pass
2	2413.600	106.69	-13.08	74.0	-32.69	Peak	200.00	150	Vertical	N/A
2**	2413.600	99.94	-13.08	54.0	-45.94	AV	200.00	150	Vertical	N/A
3	2986.600	50.33	-10.14	74.0	23.67	Peak	118.00	150	Vertical	Pass
3**	2986.600	41.85	-10.14	54.0	12.15	AV	118.00	150	Vertical	Pass
4	4792.600	50.09	-3.69	74.0	23.91	Peak	54.00	150	Vertical	Pass
4**	4792.600	40.47	-3.69	54.0	13.53	AV	54.00	150	Vertical	Pass
5	6996.200	52.96	-0.45	74.0	21.04	Peak	25.00	300	Vertical	Pass
5**	6996.200	43.51	-0.45	54.0	10.49	AV	25.00	300	Vertical	Pass
6	11629.038	51.58	2.32	74.0	22.42	Peak	337.00	150	Vertical	Pass
6**	11629.038	41.60	2.32	54.0	12.40	AV	337.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.800	42.26	-17.67	74.0	31.74	Peak	166.00	100	Horizontal	Pass
1**	1585.800	32.43	-17.67	54.0	21.57	AV	166.00	100	Horizontal	Pass
2	2435.700	99.64	-12.45	74.0	-25.64	Peak	161.00	100	Horizontal	N/A
2**	2435.700	92.44	-12.45	54.0	-38.44	AV	161.00	100	Horizontal	N/A
3	2991.300	51.02	-10.22	74.0	22.98	Peak	171.00	150	Horizontal	Pass
3**	2991.300	41.41	-10.22	54.0	12.59	AV	171.00	150	Horizontal	Pass
4	4869.000	52.76	-3.58	74.0	21.24	Peak	200.00	100	Horizontal	Pass
4**	4869.000	42.41	-3.58	54.0	11.59	AV	200.00	100	Horizontal	Pass
5	6636.400	53.89	-1.15	74.0	20.11	Peak	135.00	150	Horizontal	Pass
5**	6636.400	43.61	-1.15	54.0	10.39	AV	135.00	150	Horizontal	Pass
6	11658.937	51.55	2.52	74.0	22.45	Peak	180.00	150	Horizontal	Pass
6**	11658.937	42.62	2.52	54.0	11.38	AV	180.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1698.100	42.61	-17.68	74.0	31.39	Peak	149.00	400	Vertical	Pass
1**	1698.100	32.11	-17.68	54.0	21.89	AV	149.00	400	Vertical	Pass
2	2438.200	107.43	-12.38	74.0	-33.43	Peak	203.00	200	Vertical	N/A
2**	2438.200	99.91	-12.38	54.0	-45.91	AV	203.00	200	Vertical	N/A
3	2971.300	50.10	-10.59	74.0	23.90	Peak	149.00	150	Vertical	Pass
3**	2971.300	40.63	-10.59	54.0	13.37	AV	149.00	150	Vertical	Pass
4	4800.200	49.73	-3.53	74.0	24.27	Peak	301.00	150	Vertical	Pass
4**	4800.200	44.24	-3.53	54.0	9.76	AV	301.00	150	Vertical	Pass
5	6652.400	53.33	-1.04	74.0	20.67	Peak	192.00	150	Vertical	Pass
5**	6652.400	43.22	-1.04	54.0	10.78	AV	192.00	150	Vertical	Pass
6	12219.563	51.40	2.60	74.0	22.60	Peak	8.00	150	Vertical	Pass
6**	12219.563	42.87	2.60	54.0	11.13	AV	8.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.100	41.73	-17.60	74.0	32.27	Peak	21.00	200	Horizontal	Pass
1**	1567.100	31.82	-17.60	54.0	22.18	AV	21.00	200	Horizontal	Pass
2	2458.900	101.53	-13.18	74.0	-27.53	Peak	33.00	100	Horizontal	N/A
2**	2458.900	94.12	-13.18	54.0	-40.12	AV	33.00	100	Horizontal	N/A
3	2963.700	50.17	-10.44	74.0	23.83	Peak	329.00	150	Horizontal	Pass
3**	2963.700	41.08	-10.44	54.0	12.92	AV	329.00	150	Horizontal	Pass
4	4923.000	51.13	-3.80	74.0	22.87	Peak	201.00	300	Horizontal	Pass
4**	4923.000	41.55	-3.80	54.0	12.45	AV	201.00	300	Horizontal	Pass
5	6959.600	53.18	-0.52	74.0	20.82	Peak	11.00	100	Horizontal	Pass
5**	6959.600	44.46	-0.52	54.0	9.54	AV	11.00	100	Horizontal	Pass
6	11684.237	51.57	2.42	74.0	22.43	Peak	120.00	150	Horizontal	Pass
6**	11684.237	43.32	2.42	54.0	10.68	AV	120.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1697.900	41.81	-17.68	74.0	32.19	Peak	158.00	200	Vertical	Pass
1**	1697.900	32.86	-17.68	54.0	21.14	AV	158.00	200	Vertical	Pass
2	2458.800	106.69	-13.19	74.0	-32.69	Peak	196.00	100	Vertical	N/A
2**	2458.800	99.18	-13.19	54.0	-45.18	AV	196.00	100	Vertical	N/A
3	2953.800	50.45	-10.30	74.0	23.55	Peak	136.00	150	Vertical	Pass
3**	2953.800	40.93	-10.30	54.0	13.07	AV	136.00	150	Vertical	Pass
4	4800.400	51.06	-3.53	74.0	22.94	Peak	317.00	200	Vertical	Pass
4**	4800.400	45.31	-3.53	54.0	8.69	AV	317.00	200	Vertical	Pass
5	6496.400	53.17	-1.19	74.0	20.83	Peak	40.00	150	Vertical	Pass
5**	6496.400	42.45	-1.19	54.0	11.55	AV	40.00	150	Vertical	Pass
6	11670.725	51.95	2.47	74.0	22.05	Peak	182.00	150	Vertical	Pass
6**	11670.725	42.46	2.47	54.0	11.54	AV	182.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.100	41.82	-17.72	74.0	32.18	Peak	286.00	300	Horizontal	Pass
1**	1548.100	32.52	-17.72	54.0	21.48	AV	286.00	300	Horizontal	Pass
2	2418.500	100.58	-12.82	74.0	-26.58	Peak	120.00	150	Horizontal	N/A
2**	2418.500	93.69	-12.82	54.0	-39.69	AV	120.00	150	Horizontal	N/A
3	2974.800	50.90	-10.43	74.0	23.10	Peak	360.00	150	Horizontal	Pass
3**	2974.800	42.11	-10.43	54.0	11.89	AV	360.00	150	Horizontal	Pass
4	4651.400	50.12	-4.17	74.0	23.88	Peak	5.00	150	Horizontal	Pass
4**	4651.400	39.43	-4.17	54.0	14.57	AV	5.00	150	Horizontal	Pass
5	6890.000	52.77	-0.53	74.0	21.23	Peak	78.00	400	Horizontal	Pass
5**	6890.000	43.32	-0.53	54.0	10.68	AV	78.00	400	Horizontal	Pass
6	11631.050	52.10	2.35	74.0	21.90	Peak	1.00	150	Horizontal	Pass
6**	11631.050	41.43	2.35	54.0	12.57	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.500	41.74	-17.56	74.0	32.26	Peak	104.00	200	Vertical	Pass
1**	1574.500	32.13	-17.56	54.0	21.87	AV	104.00	200	Vertical	Pass
2	2420.600	106.36	-12.73	74.0	-32.36	Peak	270.00	200	Vertical	N/A
2**	2420.600	99.16	-12.73	54.0	-45.16	AV	270.00	200	Vertical	N/A
3	2930.200	50.35	-10.56	74.0	23.65	Peak	96.00	150	Vertical	Pass
3**	2930.200	40.74	-10.56	54.0	13.26	AV	96.00	150	Vertical	Pass
4	4799.600	50.18	-3.53	74.0	23.82	Peak	25.00	150	Vertical	Pass
4**	4799.600	42.03	-3.53	54.0	11.97	AV	25.00	150	Vertical	Pass
5	6877.600	52.89	-0.87	74.0	21.11	Peak	179.00	300	Vertical	Pass
5**	6877.600	43.68	-0.87	54.0	10.32	AV	179.00	300	Vertical	Pass
6	11665.838	52.13	2.49	74.0	21.87	Peak	138.00	150	Vertical	Pass
6**	11665.838	42.59	2.49	54.0	11.41	AV	138.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	41.49	-17.69	74.0	32.51	Peak	67.00	400	Horizontal	Pass
1**	1620.000	32.46	-17.69	54.0	21.54	AV	67.00	400	Horizontal	Pass
2	2426.200	95.43	-12.50	74.0	-21.43	Peak	161.00	150	Horizontal	N/A
2**	2426.200	87.55	-12.50	54.0	-33.55	AV	161.00	150	Horizontal	N/A
3	2989.600	50.22	-10.23	74.0	23.78	Peak	67.00	200	Horizontal	Pass
3**	2989.600	41.39	-10.23	54.0	12.61	AV	67.00	200	Horizontal	Pass
4	4874.000	49.97	-3.62	74.0	24.03	Peak	278.00	150	Horizontal	Pass
4**	4874.000	41.65	-3.62	54.0	12.35	AV	278.00	150	Horizontal	Pass
5	6853.200	52.75	-1.12	74.0	21.25	Peak	47.00	100	Horizontal	Pass
5**	6853.200	43.03	-1.12	54.0	10.97	AV	47.00	100	Horizontal	Pass
6	11710.975	52.14	2.14	74.0	21.86	Peak	234.00	150	Horizontal	Pass
6**	11710.975	41.95	2.14	54.0	12.05	AV	234.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.700	41.96	-17.77	74.0	32.04	Peak	201.00	400	Vertical	Pass
1**	1625.700	31.61	-17.77	54.0	22.39	AV	201.00	400	Vertical	Pass
2	2430.000	104.32	-12.54	74.0	-30.32	Peak	198.00	150	Vertical	N/A
2**	2430.000	95.80	-12.54	54.0	-41.80	AV	198.00	150	Vertical	N/A
3	2985.700	50.10	-10.14	74.0	23.90	Peak	125.00	150	Vertical	Pass
3**	2985.700	41.88	-10.14	54.0	12.12	AV	125.00	150	Vertical	Pass
4	4800.200	51.23	-3.53	74.0	22.77	Peak	310.00	400	Vertical	Pass
4**	4800.200	44.98	-3.53	54.0	9.02	AV	310.00	400	Vertical	Pass
5	6839.000	53.38	-1.16	74.0	20.62	Peak	215.00	100	Vertical	Pass
5**	6839.000	42.95	-1.16	54.0	11.05	AV	215.00	100	Vertical	Pass
6	12256.075	52.57	2.61	74.0	21.43	Peak	307.00	150	Vertical	Pass
6**	12256.075	42.04	2.61	54.0	11.96	AV	307.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.800	42.32	-17.66	74.0	31.68	Peak	358.00	100	Horizontal	Pass
1**	1558.800	32.55	-17.66	54.0	21.45	AV	358.00	100	Horizontal	Pass
2	2454.300	99.37	-13.09	74.0	-25.37	Peak	129.00	100	Horizontal	N/A
2**	2454.300	91.43	-13.09	54.0	-37.43	AV	129.00	100	Horizontal	N/A
3	2998.100	50.32	-10.15	74.0	23.68	Peak	160.00	150	Horizontal	Pass
3**	2998.100	40.81	-10.15	54.0	13.19	AV	160.00	150	Horizontal	Pass
4	4972.000	50.44	-3.94	74.0	23.56	Peak	250.00	100	Horizontal	Pass
4**	4972.000	40.00	-3.94	54.0	14.00	AV	250.00	100	Horizontal	Pass
5	6918.400	53.09	-0.24	74.0	20.91	Peak	316.00	300	Horizontal	Pass
5**	6918.400	44.13	-0.24	54.0	9.87	AV	316.00	300	Horizontal	Pass
6	14078.250	52.38	3.02	74.0	21.62	Peak	148.00	150	Horizontal	Pass
6**	14078.250	43.51	3.02	54.0	10.49	AV	148.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	42.70	-17.72	74.0	31.30	Peak	145.00	150	Vertical	Pass
1**	1331.300	32.44	-17.72	54.0	21.56	AV	145.00	150	Vertical	Pass
2	2454.300	106.90	-13.09	74.0	-32.90	Peak	176.00	150	Vertical	N/A
2**	2454.300	99.71	-13.09	54.0	-45.71	AV	176.00	150	Vertical	N/A
3	2757.500	50.29	-10.93	74.0	23.71	Peak	209.00	150	Vertical	Pass
3**	2757.500	40.04	-10.93	54.0	13.96	AV	209.00	150	Vertical	Pass
4	4800.000	50.31	-3.53	74.0	23.69	Peak	315.00	400	Vertical	Pass
4**	4800.000	44.24	-3.53	54.0	9.76	AV	315.00	400	Vertical	Pass
5	6935.200	52.63	-0.42	74.0	21.37	Peak	197.00	300	Vertical	Pass
5**	6935.200	43.76	-0.42	54.0	10.24	AV	197.00	300	Vertical	Pass
6	12782.287	52.26	2.43	74.0	21.74	Peak	11.00	150	Vertical	Pass
6**	12782.287	41.78	2.43	54.0	12.22	AV	11.00	150	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.300	41.61	-17.71	74.0	32.39	Peak	77.00	300	Horizontal	Pass
1**	1605.300	32.04	-17.71	54.0	21.96	AV	77.00	300	Horizontal	Pass
2	2410.500	102.72	-13.13	74.0	-28.72	Peak	180.00	100	Horizontal	N/A
2**	2410.500	99.77	-13.13	54.0	-45.77	AV	180.00	100	Horizontal	N/A
3	2985.300	50.66	-10.16	74.0	23.34	Peak	268.00	200	Horizontal	Pass
3**	2985.300	42.10	-10.16	54.0	11.90	AV	268.00	200	Horizontal	Pass
4	4824.400	50.48	-3.65	74.0	23.52	Peak	199.00	150	Horizontal	Pass
4**	4824.400	47.38	-3.65	54.0	6.62	AV	199.00	150	Horizontal	Pass
5	5971.800	53.60	-1.91	74.0	20.40	Peak	54.00	150	Horizontal	Pass
5**	5971.800	42.05	-1.91	54.0	11.95	AV	54.00	150	Horizontal	Pass
6	14735.025	53.09	4.47	74.0	20.91	Peak	267.00	150	Horizontal	Pass
6**	14735.025	43.73	4.47	54.0	10.27	AV	267.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.100	43.36	-17.73	74.0	30.64	Peak	89.00	100	Vertical	Pass
1**	1598.100	31.56	-17.73	54.0	22.44	AV	89.00	100	Vertical	Pass
2	2410.600	105.10	-13.13	74.0	-31.10	Peak	63.00	200	Vertical	N/A
2**	2410.600	102.20	-13.13	54.0	-48.20	AV	63.00	200	Vertical	N/A
3	2993.400	50.53	-10.11	74.0	23.47	Peak	148.00	200	Vertical	Pass
3**	2993.400	41.56	-10.11	54.0	12.44	AV	148.00	200	Vertical	Pass
4	4824.200	51.81	-3.66	74.0	22.19	Peak	157.00	150	Vertical	Pass
4**	4824.200	49.48	-3.66	54.0	4.52	AV	157.00	150	Vertical	Pass
5	6949.000	53.38	-0.44	74.0	20.62	Peak	185.00	150	Vertical	Pass
5**	6949.000	43.40	-0.44	54.0	10.60	AV	185.00	150	Vertical	Pass
6	14183.775	52.97	3.60	74.0	21.03	Peak	203.00	150	Vertical	Pass
6**	14183.775	43.25	3.60	54.0	10.75	AV	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.600	41.51	-17.72	74.0	32.49	Peak	214.00	300	Horizontal	Pass
1**	1605.600	32.25	-17.72	54.0	21.75	AV	214.00	300	Horizontal	Pass
2	2438.400	104.02	-12.39	74.0	-30.02	Peak	214.00	200	Horizontal	N/A
2**	2438.400	101.08	-12.39	54.0	-47.08	AV	214.00	200	Horizontal	N/A
3	2992.200	50.19	-10.20	74.0	23.81	Peak	360.00	200	Horizontal	Pass
3**	2992.200	41.62	-10.20	54.0	12.38	AV	360.00	200	Horizontal	Pass
4	4874.200	51.64	-3.63	74.0	22.36	Peak	228.00	150	Horizontal	Pass
4**	4874.200	48.23	-3.63	54.0	5.77	AV	228.00	150	Horizontal	Pass
5	7312.225	49.42	-2.68	74.0	24.58	Peak	164.00	150	Horizontal	Pass
5**	7312.225	43.86	-2.68	54.0	10.14	AV	164.00	150	Horizontal	Pass
6	14207.925	52.92	3.55	74.0	21.08	Peak	215.00	150	Horizontal	Pass
6**	14207.925	43.07	3.55	54.0	10.93	AV	215.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1679.100	41.89	-17.59	74.0	32.11	Peak	57.00	300	Vertical	Pass
1**	1679.100	32.12	-17.59	54.0	21.88	AV	57.00	300	Vertical	Pass
2	2438.400	105.80	-12.39	74.0	-31.80	Peak	69.00	100	Vertical	N/A
2**	2438.400	102.88	-12.39	54.0	-48.88	AV	69.00	100	Vertical	N/A
3	2980.100	50.29	-10.28	74.0	23.71	Peak	225.00	200	Vertical	Pass
3**	2980.100	40.47	-10.28	54.0	13.53	AV	225.00	200	Vertical	Pass
4	4874.200	51.94	-3.63	74.0	22.06	Peak	150.00	150	Vertical	Pass
4**	4874.200	48.87	-3.63	54.0	5.13	AV	150.00	150	Vertical	Pass
5	6977.800	53.31	-0.43	74.0	20.69	Peak	11.00	150	Vertical	Pass
5**	6977.800	43.59	-0.43	54.0	10.41	AV	11.00	150	Vertical	Pass
6	14167.500	52.30	3.62	74.0	21.70	Peak	60.00	150	Vertical	Pass
6**	14167.500	43.60	3.62	54.0	10.40	AV	60.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	41.61	-17.66	74.0	32.39	Peak	253.00	150	Horizontal	Pass
1**	1328.700	31.80	-17.66	54.0	22.20	AV	253.00	150	Horizontal	Pass
2	2463.300	101.78	-13.03	74.0	-27.78	Peak	302.00	200	Horizontal	N/A
2**	2463.300	98.88	-13.03	54.0	-44.88	AV	302.00	200	Horizontal	N/A
3	2953.700	50.91	-10.29	74.0	23.09	Peak	341.00	200	Horizontal	Pass
3**	2953.700	41.77	-10.29	54.0	12.23	AV	341.00	200	Horizontal	Pass
4	4924.400	50.97	-3.83	74.0	23.03	Peak	214.00	150	Horizontal	Pass
4**	4924.400	48.40	-3.83	54.0	5.60	AV	214.00	150	Horizontal	Pass
5	6416.600	53.28	-1.61	74.0	20.72	Peak	352.00	150	Horizontal	Pass
5**	6416.600	42.66	-1.61	54.0	11.34	AV	352.00	150	Horizontal	Pass
6	14829.525	53.36	4.72	74.0	20.64	Peak	360.00	150	Horizontal	Pass
6**	14829.525	44.02	4.72	54.0	9.98	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.700	41.57	-17.65	74.0	32.43	Peak	148.00	300	Vertical	Pass
1**	1327.700	31.75	-17.65	54.0	22.25	AV	148.00	300	Vertical	Pass
2	2463.400	104.89	-13.03	74.0	-30.89	Peak	66.00	200	Vertical	N/A
2**	2463.400	101.92	-13.03	54.0	-47.92	AV	66.00	200	Vertical	N/A
3	2966.400	50.38	-10.52	74.0	23.62	Peak	5.00	150	Vertical	Pass
3**	2966.400	40.38	-10.52	54.0	13.62	AV	5.00	150	Vertical	Pass
4	4924.200	53.87	-3.83	74.0	20.13	Peak	154.00	100	Vertical	Pass
4**	4924.200	49.31	-3.83	54.0	4.69	AV	154.00	100	Vertical	Pass
5	6351.600	52.73	-1.71	74.0	21.27	Peak	26.00	150	Vertical	Pass
5**	6351.600	42.93	-1.71	54.0	11.07	AV	26.00	150	Vertical	Pass
6	14192.437	52.28	3.58	74.0	21.72	Peak	0.00	100	Vertical	Pass
6**	14192.437	43.24	3.58	54.0	10.76	AV	0.00	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	1650.600	41.85	-17.70	74.0	32.15	Peak	303.00	100	Horizontal	Pass
1**	1650.600	32.34	-17.70	54.0	21.66	AV	303.00	100	Horizontal	Pass
2	2409.600	103.82	-13.16	74.0	-29.82	Peak	182.00	200	Horizontal	N/A
2**	2409.600	96.48	-13.16	54.0	-42.48	AV	182.00	200	Horizontal	N/A
3	2962.900	49.86	-10.40	74.0	24.14	Peak	213.00	200	Horizontal	Pass
3**	2962.900	40.95	-10.40	54.0	13.05	AV	213.00	200	Horizontal	Pass
4	4822.400	49.92	-3.65	74.0	24.08	Peak	192.00	400	Horizontal	Pass
4**	4822.400	41.34	-3.65	54.0	12.66	AV	192.00	400	Horizontal	Pass
5	6833.200	53.01	-1.16	74.0	20.99	Peak	77.00	300	Horizontal	Pass
5**	6833.200	42.83	-1.16	54.0	11.17	AV	77.00	300	Horizontal	Pass
6	17243.214	54.88	6.20	74.0	19.12	Peak	183.00	200	Horizontal	Pass
6**	17243.214	45.73	6.20	54.0	8.27	AV	183.00	200	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	1595.300	42.22	-17.83	74.0	31.78	Peak	246.00	200	Vertical	Pass
1**	1595.300	32.31	-17.83	54.0	21.69	AV	246.00	200	Vertical	Pass
2	2410.000	106.42	-13.15	74.0	-32.42	Peak	328.00	200	Vertical	N/A
2**	2410.000	99.29	-13.15	54.0	-45.29	AV	328.00	200	Vertical	N/A
3	2971.300	50.63	-10.59	74.0	23.37	Peak	360.00	100	Vertical	Pass
3**	2971.300	40.67	-10.59	54.0	13.33	AV	360.00	100	Vertical	Pass
4	4825.200	52.12	-3.63	74.0	21.88	Peak	177.00	400	Vertical	Pass
4**	4825.200	41.47	-3.63	54.0	12.53	AV	177.00	400	Vertical	Pass
5	6980.400	52.97	-0.44	74.0	21.03	Peak	329.00	200	Vertical	Pass
5**	6980.400	43.42	-0.44	54.0	10.58	AV	329.00	200	Vertical	Pass
6	15866.925	55.10	5.47	74.0	18.90	Peak	329.00	300	Vertical	Pass
6**	15866.925	45.41	5.47	54.0	8.59	AV	329.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.600	41.48	-17.62	74.0	32.52	Peak	106.00	300	Horizontal	Pass
1**	1559.600	32.84	-17.62	54.0	21.16	AV	106.00	300	Horizontal	Pass
2	2439.300	103.89	-12.42	74.0	-29.89	Peak	206.00	200	Horizontal	N/A
2**	2439.300	96.67	-12.42	54.0	-42.67	AV	206.00	200	Horizontal	N/A
3	2742.100	50.82	-10.69	74.0	23.18	Peak	210.00	200	Horizontal	Pass
3**	2742.100	40.44	-10.69	54.0	13.56	AV	210.00	200	Horizontal	Pass
4	4879.800	50.34	-3.63	74.0	23.66	Peak	211.00	300	Horizontal	Pass
4**	4879.800	41.76	-3.63	54.0	12.24	AV	211.00	300	Horizontal	Pass
5	6940.800	53.48	-0.37	74.0	20.52	Peak	132.00	400	Horizontal	Pass
5**	6940.800	43.83	-0.37	54.0	10.17	AV	132.00	400	Horizontal	Pass
6	17222.214	55.15	6.14	74.0	18.85	Peak	360.00	400	Horizontal	Pass
6**	17222.214	46.93	6.14	54.0	7.07	AV	360.00	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	1665.900	41.95	-17.39	74.0	32.05	Peak	4.00	100	Vertical	Pass
1**	1665.900	31.99	-17.39	54.0	22.01	AV	4.00	100	Vertical	Pass
2	2439.500	107.65	-12.43	74.0	-33.65	Peak	65.00	200	Vertical	N/A
2**	2439.500	100.14	-12.43	54.0	-46.14	AV	65.00	200	Vertical	N/A
3	2812.000	50.27	-10.82	74.0	23.73	Peak	234.00	150	Vertical	Pass
3**	2812.000	40.96	-10.82	54.0	13.04	AV	234.00	150	Vertical	Pass
4	4800.000	50.45	-3.53	74.0	23.55	Peak	320.00	100	Vertical	Pass
4**	4800.000	44.44	-3.53	54.0	9.56	AV	320.00	100	Vertical	Pass
5	6960.000	53.43	-0.53	74.0	20.57	Peak	201.00	100	Vertical	Pass
5**	6960.000	44.03	-0.53	54.0	9.97	AV	201.00	100	Vertical	Pass
6	17211.449	55.13	6.06	74.0	18.87	Peak	52.00	100	Vertical	Pass
6**	17211.449	46.19	6.06	54.0	7.81	AV	52.00	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	1626.000	41.70	-17.79	74.0	32.30	Peak	280.00	200	Horizontal	Pass
1**	1626.000	32.05	-17.79	54.0	21.95	AV	280.00	200	Horizontal	Pass
2	2460.900	103.26	-13.14	74.0	-29.26	Peak	230.00	150	Horizontal	N/A
2**	2460.900	96.61	-13.14	54.0	-42.61	AV	230.00	150	Horizontal	N/A
3	2984.800	50.86	-10.18	74.0	23.14	Peak	351.00	150	Horizontal	Pass
3**	2984.800	41.02	-10.18	54.0	12.98	AV	351.00	150	Horizontal	Pass
4	4929.600	49.97	-3.81	74.0	24.03	Peak	215.00	300	Horizontal	Pass
4**	4929.600	41.21	-3.81	54.0	12.79	AV	215.00	300	Horizontal	Pass
5	6906.200	52.81	-0.36	74.0	21.19	Peak	123.00	100	Horizontal	Pass
5**	6906.200	43.80	-0.36	54.0	10.20	AV	123.00	100	Horizontal	Pass
6	16253.850	55.61	6.56	74.0	18.39	Peak	17.00	300	Horizontal	Pass
6**	16253.850	45.63	6.56	54.0	8.37	AV	17.00	300	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	1504.100	41.31	-17.83	74.0	32.69	Peak	330.00	200	Vertical	Pass
1**	1504.100	31.48	-17.83	54.0	22.52	AV	330.00	200	Vertical	Pass
2	2466.100	106.50	-12.98	74.0	-32.50	Peak	65.00	150	Vertical	N/A
2**	2466.100	98.87	-12.98	54.0	-44.87	AV	65.00	150	Vertical	N/A
3	2986.100	51.60	-10.14	74.0	22.40	Peak	152.00	150	Vertical	Pass
3**	2986.100	41.48	-10.14	54.0	12.52	AV	152.00	150	Vertical	Pass
4	4929.400	50.56	-3.81	74.0	23.44	Peak	195.00	300	Vertical	Pass
4**	4929.400	42.09	-3.81	54.0	11.91	AV	195.00	300	Vertical	Pass
5	6996.400	52.83	-0.45	74.0	21.17	Peak	360.00	100	Vertical	Pass
5**	6996.400	43.45	-0.45	54.0	10.55	AV	360.00	100	Vertical	Pass
6	16009.725	55.91	6.49	74.0	18.09	Peak	360.00	150	Vertical	Pass
6**	16009.725	45.04	6.49	54.0	8.96	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.500	42.15	-17.75	74.0	31.85	Peak	4.00	200	Horizontal	Pass
1**	1590.500	32.03	-17.75	54.0	21.97	AV	4.00	200	Horizontal	Pass
2	2408.100	103.51	-13.24	74.0	-29.51	Peak	163.00	200	Horizontal	N/A
2**	2408.100	96.12	-13.24	54.0	-42.12	AV	163.00	200	Horizontal	N/A
3	2998.400	50.07	-10.16	74.0	23.93	Peak	33.00	150	Horizontal	Pass
3**	2998.400	41.17	-10.16	54.0	12.83	AV	33.00	150	Horizontal	Pass
4	4912.400	50.10	-3.70	74.0	23.90	Peak	160.00	100	Horizontal	Pass
4**	4912.400	40.20	-3.70	54.0	13.80	AV	160.00	100	Horizontal	Pass
5	6976.600	53.03	-0.42	74.0	20.97	Peak	10.00	400	Horizontal	Pass
5**	6976.600	44.11	-0.42	54.0	9.89	AV	10.00	400	Horizontal	Pass
6	16014.451	55.36	6.52	74.0	18.64	Peak	62.00	100	Horizontal	Pass
6**	16014.451	45.34	6.52	54.0	8.66	AV	62.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.600	41.49	-17.74	74.0	32.51	Peak	294.00	300	Vertical	Pass
1**	1525.600	31.75	-17.74	54.0	22.25	AV	294.00	300	Vertical	Pass
2	2410.400	106.03	-13.14	74.0	-32.03	Peak	63.00	200	Vertical	N/A
2**	2410.400	98.62	-13.14	54.0	-44.62	AV	63.00	200	Vertical	N/A
3	2965.800	50.40	-10.51	74.0	23.60	Peak	241.00	150	Vertical	Pass
3**	2965.800	40.23	-10.51	54.0	13.77	AV	241.00	150	Vertical	Pass
4	4800.400	50.11	-3.53	74.0	23.89	Peak	327.00	400	Vertical	Pass
4**	4800.400	44.03	-3.53	54.0	9.97	AV	327.00	400	Vertical	Pass
5	6862.400	53.21	-1.15	74.0	20.79	Peak	341.00	100	Vertical	Pass
5**	6862.400	43.06	-1.15	54.0	10.94	AV	341.00	100	Vertical	Pass
6	17235.599	54.89	6.19	74.0	19.11	Peak	76.00	200	Vertical	Pass
6**	17235.599	46.02	6.19	54.0	7.98	AV	76.00	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	1642.200	42.32	-17.73	74.0	31.68	Peak	239.00	400	Horizontal	Pass
1**	1642.200	32.04	-17.73	54.0	21.96	AV	239.00	400	Horizontal	Pass
2	2438.100	105.07	-12.38	74.0	-31.07	Peak	215.00	100	Horizontal	N/A
2**	2438.100	97.92	-12.38	54.0	-43.92	AV	215.00	100	Horizontal	N/A
3	2964.500	50.88	-10.48	74.0	23.12	Peak	271.00	150	Horizontal	Pass
3**	2964.500	41.76	-10.48	54.0	12.24	AV	271.00	150	Horizontal	Pass
4	4877.400	50.78	-3.59	74.0	23.22	Peak	222.00	200	Horizontal	Pass
4**	4877.400	41.20	-3.59	54.0	12.80	AV	222.00	200	Horizontal	Pass
5	6969.200	53.05	-0.44	74.0	20.95	Peak	173.00	400	Horizontal	Pass
5**	6969.200	44.01	-0.44	54.0	9.99	AV	173.00	400	Horizontal	Pass
6	16239.674	55.31	6.48	74.0	18.69	Peak	195.00	100	Horizontal	Pass
6**	16239.674	45.82	6.48	54.0	8.18	AV	195.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	41.40	-17.76	74.0	32.60	Peak	77.00	400	Vertical	Pass
1**	1597.500	31.90	-17.76	54.0	22.10	AV	77.00	400	Vertical	Pass
2	2440.200	106.68	-12.45	74.0	-32.68	Peak	340.00	100	Vertical	N/A
2**	2440.200	100.01	-12.45	54.0	-46.01	AV	340.00	100	Vertical	N/A
3	2982.200	50.03	-10.26	74.0	23.97	Peak	144.00	100	Vertical	Pass
3**	2982.200	40.72	-10.26	54.0	13.28	AV	144.00	100	Vertical	Pass
4	4800.200	49.99	-3.53	74.0	24.01	Peak	319.00	300	Vertical	Pass
4**	4800.200	44.00	-3.53	54.0	10.00	AV	319.00	300	Vertical	Pass
5	6940.000	53.17	-0.36	74.0	20.83	Peak	172.00	400	Vertical	Pass
5**	6940.000	44.18	-0.36	54.0	9.82	AV	172.00	400	Vertical	Pass
6	17294.662	55.15	6.52	74.0	18.85	Peak	61.00	300	Vertical	Pass
6**	17294.662	46.19	6.52	54.0	7.81	AV	61.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.100	41.93	-17.68	74.0	32.07	Peak	119.00	300	Horizontal	Pass
1**	1524.100	32.78	-17.68	54.0	21.22	AV	119.00	300	Horizontal	Pass
2	2460.800	102.58	-13.15	74.0	-28.58	Peak	231.00	150	Horizontal	N/A
2**	2460.800	96.10	-13.15	54.0	-42.10	AV	231.00	150	Horizontal	N/A
3	2986.500	50.51	-10.14	74.0	23.49	Peak	298.00	200	Horizontal	Pass
3**	2986.500	41.70	-10.14	54.0	12.30	AV	298.00	200	Horizontal	Pass
4	4984.600	50.04	-3.82	74.0	23.96	Peak	350.00	200	Horizontal	Pass
4**	4984.600	40.76	-3.82	54.0	13.24	AV	350.00	200	Horizontal	Pass
5	6902.000	53.09	-0.47	74.0	20.91	Peak	0.00	300	Horizontal	Pass
5**	6902.000	43.55	-0.47	54.0	10.45	AV	0.00	300	Horizontal	Pass
6	17217.489	55.49	6.10	74.0	18.51	Peak	61.00	200	Horizontal	Pass
6**	17217.489	46.22	6.10	54.0	7.78	AV	61.00	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	1579.600	41.29	-17.52	74.0	32.71	Peak	156.00	200	Vertical	Pass
1**	1579.600	31.57	-17.52	54.0	22.43	AV	156.00	200	Vertical	Pass
2	2463.100	105.83	-13.03	74.0	-31.83	Peak	73.00	200	Vertical	N/A
2**	2463.100	99.26	-13.03	54.0	-45.26	AV	73.00	200	Vertical	N/A
3	2962.700	50.82	-10.39	74.0	23.18	Peak	131.00	150	Vertical	Pass
3**	2962.700	40.85	-10.39	54.0	13.15	AV	131.00	150	Vertical	Pass
4	4927.600	51.22	-3.81	74.0	22.78	Peak	151.00	200	Vertical	Pass
4**	4927.600	41.19	-3.81	54.0	12.81	AV	151.00	200	Vertical	Pass
5	6916.000	52.79	-0.20	74.0	21.21	Peak	158.00	100	Vertical	Pass
5**	6916.000	43.24	-0.20	54.0	10.76	AV	158.00	100	Vertical	Pass
6	17292.036	55.97	6.50	74.0	18.03	Peak	194.00	100	Vertical	Pass
6**	17292.036	45.62	6.50	54.0	8.38	AV	194.00	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	1694.100	41.50	-17.71	74.0	32.50	Peak	65.00	100	Horizontal	Pass
1**	1694.100	32.64	-17.71	54.0	21.36	AV	65.00	100	Horizontal	Pass
2	2418.800	100.74	-12.81	74.0	-26.74	Peak	347.00	200	Horizontal	N/A
2**	2418.800	92.35	-12.81	54.0	-38.35	AV	347.00	200	Horizontal	N/A
3	2895.200	50.31	-9.92	74.0	23.69	Peak	65.00	200	Horizontal	Pass
3**	2895.200	41.12	-9.92	54.0	12.88	AV	65.00	200	Horizontal	Pass
4	4876.400	50.01	-3.60	74.0	23.99	Peak	142.00	200	Horizontal	Pass
4**	4876.400	40.33	-3.60	54.0	13.67	AV	142.00	200	Horizontal	Pass
5	6958.800	52.65	-0.53	74.0	21.35	Peak	199.00	200	Horizontal	Pass
5**	6958.800	45.52	-0.53	54.0	8.48	AV	199.00	200	Horizontal	Pass
6	16029.938	56.17	6.59	74.0	17.83	Peak	38.00	300	Horizontal	Pass
6**	16029.938	45.48	6.59	54.0	8.52	AV	38.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.700	42.48	-17.82	74.0	31.52	Peak	92.00	400	Vertical	Pass
1**	1594.700	32.29	-17.82	54.0	21.71	AV	92.00	400	Vertical	Pass
2	2419.100	102.67	-12.80	74.0	-28.67	Peak	348.00	200	Vertical	N/A
2**	2419.100	94.56	-12.80	54.0	-40.56	AV	348.00	200	Vertical	N/A
3	2990.000	50.60	-10.24	74.0	23.40	Peak	26.00	150	Vertical	Pass
3**	2990.000	41.31	-10.24	54.0	12.69	AV	26.00	150	Vertical	Pass
4	4840.200	50.90	-3.51	74.0	23.10	Peak	158.00	400	Vertical	Pass
4**	4840.200	42.70	-3.51	54.0	11.30	AV	158.00	400	Vertical	Pass
5	6971.600	53.04	-0.40	74.0	20.96	Peak	261.00	100	Vertical	Pass
5**	6971.600	43.54	-0.40	54.0	10.46	AV	261.00	100	Vertical	Pass
6	16087.687	55.45	6.89	74.0	18.55	Peak	183.00	100	Vertical	Pass
6**	16087.687	45.76	6.89	54.0	8.24	AV	183.00	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	1659.500	41.50	-17.53	74.0	32.50	Peak	74.00	200	Horizontal	Pass
1**	1659.500	32.18	-17.53	54.0	21.82	AV	74.00	200	Horizontal	Pass
2	2440.200	102.84	-12.45	74.0	-28.84	Peak	227.00	150	Horizontal	N/A
2**	2440.200	95.68	-12.45	54.0	-41.68	AV	227.00	150	Horizontal	N/A
3	2981.800	50.37	-10.27	74.0	23.63	Peak	148.00	150	Horizontal	Pass
3**	2981.800	41.83	-10.27	54.0	12.17	AV	148.00	150	Horizontal	Pass
4	4855.400	49.95	-3.42	74.0	24.05	Peak	125.00	100	Horizontal	Pass
4**	4855.400	40.53	-3.42	54.0	13.47	AV	125.00	100	Horizontal	Pass
5	6922.200	53.64	-0.30	74.0	20.36	Peak	161.00	400	Horizontal	Pass
5**	6922.200	43.87	-0.30	54.0	10.13	AV	161.00	400	Horizontal	Pass
6	15867.713	55.15	5.46	74.0	18.85	Peak	326.00	200	Horizontal	Pass
6**	15867.713	45.25	5.46	54.0	8.75	AV	326.00	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	1657.900	42.03	-17.50	74.0	31.97	Peak	112.00	200	Vertical	Pass
1**	1657.900	32.35	-17.50	54.0	21.65	AV	112.00	200	Vertical	Pass
2	2439.300	105.14	-12.42	74.0	-31.14	Peak	342.00	200	Vertical	N/A
2**	2439.300	97.35	-12.42	54.0	-43.35	AV	342.00	200	Vertical	N/A
3	2994.300	50.88	-10.05	74.0	23.12	Peak	92.00	150	Vertical	Pass
3**	2994.300	40.97	-10.05	54.0	13.03	AV	92.00	150	Vertical	Pass
4	4996.000	50.18	-3.67	74.0	23.82	Peak	300.00	400	Vertical	Pass
4**	4996.000	40.86	-3.67	54.0	13.14	AV	300.00	400	Vertical	Pass
5	6926.600	54.16	-0.37	74.0	19.84	Peak	67.00	300	Vertical	Pass
5**	6926.600	43.58	-0.37	54.0	10.42	AV	67.00	300	Vertical	Pass
6	16103.175	55.19	6.88	74.0	18.81	Peak	204.00	400	Vertical	Pass
6**	16103.175	47.39	6.88	54.0	6.61	AV	204.00	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	1655.300	41.32	-17.58	74.0	32.68	Peak	321.00	200	Horizontal	Pass
1**	1655.300	32.84	-17.58	54.0	21.16	AV	321.00	200	Horizontal	Pass
2	2445.000	100.92	-12.67	74.0	-26.92	Peak	212.00	150	Horizontal	N/A
2**	2445.000	93.52	-12.67	54.0	-39.52	AV	212.00	150	Horizontal	N/A
3	2962.600	50.50	-10.39	74.0	23.50	Peak	140.00	150	Horizontal	Pass
3**	2962.600	41.14	-10.39	54.0	12.86	AV	140.00	150	Horizontal	Pass
4	4932.000	50.01	-3.89	74.0	23.99	Peak	347.00	100	Horizontal	Pass
4**	4932.000	39.93	-3.89	54.0	14.07	AV	347.00	100	Horizontal	Pass
5	6950.600	53.04	-0.50	74.0	20.96	Peak	10.00	100	Horizontal	Pass
5**	6950.600	43.43	-0.50	54.0	10.57	AV	10.00	100	Horizontal	Pass
6	17905.762	55.02	5.52	74.0	18.98	Peak	193.00	100	Horizontal	Pass
6**	17905.762	44.36	5.52	54.0	9.64	AV	193.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1670.200	41.41	-17.51	74.0	32.59	Peak	228.00	300	Vertical	Pass
1**	1670.200	32.95	-17.51	54.0	21.05	AV	228.00	300	Vertical	Pass
2	2445.500	103.99	-12.69	74.0	-29.99	Peak	333.00	150	Vertical	N/A
2**	2445.500	96.59	-12.69	54.0	-42.59	AV	333.00	150	Vertical	N/A
3	2996.000	50.13	-10.12	74.0	23.87	Peak	284.00	150	Vertical	Pass
3**	2996.000	41.38	-10.12	54.0	12.62	AV	284.00	150	Vertical	Pass
4	4800.400	50.22	-3.53	74.0	23.78	Peak	24.00	150	Vertical	Pass
4**	4800.400	44.37	-3.53	54.0	9.63	AV	24.00	150	Vertical	Pass
5	6978.800	54.20	-0.43	74.0	19.80	Peak	59.00	400	Vertical	Pass
5**	6978.800	43.93	-0.43	54.0	10.07	AV	59.00	400	Vertical	Pass
6	17220.375	54.85	6.12	74.0	19.15	Peak	303.00	200	Vertical	Pass
6**	17220.375	46.03	6.12	54.0	7.97	AV	303.00	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	1343.000	40.55	-19.81	74.0	33.45	Peak	324.00	200	Horizontal	Pass
1**	1343.000	30.36	-19.81	54.0	23.64	AV	324.00	200	Horizontal	Pass
2	2410.700	103.13	-14.70	74.0	-29.13	Peak	7.00	200	Horizontal	N/A
2**	2410.700	100.21	-14.70	54.0	-46.21	AV	7.00	200	Horizontal	N/A
3	2791.800	48.91	-12.57	74.0	25.09	Peak	98.00	100	Horizontal	Pass
3**	2791.800	39.51	-12.57	54.0	14.49	AV	98.00	100	Horizontal	Pass
4	4824.250	48.37	-5.61	74.0	25.63	Peak	265.00	150	Horizontal	Pass
4**	4824.250	45.18	-5.61	54.0	8.82	AV	265.00	150	Horizontal	Pass
5	7498.250	53.47	-0.65	74.0	20.53	Peak	360.00	200	Horizontal	Pass
5**	7498.250	43.45	-0.65	54.0	10.55	AV	360.00	200	Horizontal	Pass
6	17565.000	49.31	6.31	74.0	24.69	Peak	137.00	300	Horizontal	Pass
6**	17565.000	39.80	6.31	54.0	14.20	AV	137.00	300	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	1520.900	39.68	-19.57	74.0	34.32	Peak	128.00	100	Vertical	Pass
1**	1520.900	30.24	-19.57	54.0	23.76	AV	128.00	100	Vertical	Pass
2	2413.400	103.98	-14.61	74.0	-29.98	Peak	276.00	150	Vertical	N/A
2**	2413.400	101.09	-14.61	54.0	-47.09	AV	276.00	150	Vertical	N/A
3	2787.500	49.05	-12.75	74.0	24.95	Peak	55.00	200	Vertical	Pass
3**	2787.500	38.57	-12.75	54.0	15.43	AV	55.00	200	Vertical	Pass
4	4824.250	50.89	-5.61	74.0	23.11	Peak	188.00	150	Vertical	Pass
4**	4824.250	48.45	-5.61	54.0	5.55	AV	188.00	150	Vertical	Pass
5	7863.000	53.38	0.18	74.0	20.62	Peak	238.00	200	Vertical	Pass
5**	7863.000	44.36	0.18	54.0	9.64	AV	238.00	200	Vertical	Pass
6	17792.500	48.41	6.30	74.0	25.59	Peak	360.00	300	Vertical	Pass
6**	17792.500	41.80	6.30	54.0	12.20	AV	360.00	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	1495.000	40.22	-19.46	74.0	33.78	Peak	360.00	100	Horizontal	Pass
1**	1495.000	30.81	-19.46	54.0	23.19	AV	360.00	100	Horizontal	Pass
2	2438.300	103.65	-13.99	74.0	-29.65	Peak	61.00	150	Horizontal	N/A
2**	2438.300	100.71	-13.99	54.0	-46.71	AV	61.00	150	Horizontal	N/A
3	2909.800	48.60	-11.92	74.0	25.40	Peak	225.00	150	Horizontal	Pass
3**	2909.800	39.42	-11.92	54.0	14.58	AV	225.00	150	Horizontal	Pass
4	4874.250	49.52	-6.10	74.0	24.48	Peak	231.00	150	Horizontal	Pass
4**	4874.250	46.38	-6.10	54.0	7.62	AV	231.00	150	Horizontal	Pass
5	7867.750	54.15	0.35	74.0	19.85	Peak	347.00	200	Horizontal	Pass
5**	7867.750	44.25	0.35	54.0	9.75	AV	347.00	200	Horizontal	Pass
6	17799.999	48.73	6.52	74.0	25.27	Peak	155.00	300	Horizontal	Pass
6**	17799.999	41.45	6.52	54.0	12.55	AV	155.00	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	1392.500	40.24	-19.49	74.0	33.76	Peak	19.00	100	Vertical	Pass
1**	1392.500	30.29	-19.49	54.0	23.71	AV	19.00	100	Vertical	Pass
2	2438.600	104.93	-13.97	74.0	-30.93	Peak	9.00	150	Vertical	N/A
2**	2438.600	102.10	-13.97	54.0	-48.10	AV	9.00	150	Vertical	N/A
3	2733.900	48.51	-11.74	74.0	25.49	Peak	29.00	200	Vertical	Pass
3**	2733.900	40.06	-11.74	54.0	13.94	AV	29.00	200	Vertical	Pass
4	4874.250	49.00	-6.10	74.0	25.00	Peak	178.00	150	Vertical	Pass
4**	4874.250	46.11	-6.10	54.0	7.89	AV	178.00	150	Vertical	Pass
5	7486.500	53.27	-0.37	74.0	20.73	Peak	227.00	400	Vertical	Pass
5**	7486.500	43.94	-0.37	54.0	10.06	AV	227.00	400	Vertical	Pass
6	17820.000	48.41	5.98	74.0	25.59	Peak	360.00	300	Vertical	Pass
6**	17820.000	40.54	5.98	54.0	13.46	AV	360.00	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	1268.400	40.26	-19.73	74.0	33.74	Peak	14.00	300	Horizontal	Pass
1**	1268.400	31.03	-19.73	54.0	22.97	AV	14.00	300	Horizontal	Pass
2	2460.500	103.04	-13.59	74.0	-29.04	Peak	8.00	150	Horizontal	N/A
2**	2460.500	100.18	-13.59	54.0	-46.18	AV	8.00	150	Horizontal	N/A
3	2901.300	48.94	-12.29	74.0	25.06	Peak	262.00	100	Horizontal	Pass
3**	2901.300	39.19	-12.29	54.0	14.81	AV	262.00	100	Horizontal	Pass
4	4924.000	49.45	-4.86	74.0	24.55	Peak	97.00	150	Horizontal	Pass
4**	4924.000	44.54	-4.86	54.0	9.46	AV	97.00	150	Horizontal	Pass
5	7843.250	53.24	-0.77	74.0	20.76	Peak	156.00	200	Horizontal	Pass
5**	7843.250	42.97	-0.77	54.0	11.03	AV	156.00	200	Horizontal	Pass
6	17792.500	48.29	6.30	74.0	25.71	Peak	39.00	300	Horizontal	Pass
6**	17792.500	41.54	6.30	54.0	12.46	AV	39.00	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	1329.000	40.10	-19.79	74.0	33.90	Peak	0.00	200	Vertical	Pass
1**	1329.000	33.13	-19.79	54.0	20.87	AV	0.00	200	Vertical	Pass
2	2460.300	105.91	-13.58	74.0	-31.91	Peak	289.00	150	Vertical	N/A
2**	2460.300	103.07	-13.58	54.0	-49.07	AV	289.00	150	Vertical	N/A
3	2981.200	49.00	-12.20	74.0	25.00	Peak	14.00	150	Vertical	Pass
3**	2981.200	39.29	-12.20	54.0	14.71	AV	14.00	150	Vertical	Pass
4	4924.500	46.95	-4.83	74.0	27.05	Peak	167.00	150	Vertical	Pass
4**	4924.500	44.33	-4.83	54.0	9.67	AV	167.00	150	Vertical	Pass
5	7865.250	53.86	0.24	74.0	20.14	Peak	94.00	200	Vertical	Pass
5**	7865.250	44.63	0.24	54.0	9.37	AV	94.00	200	Vertical	Pass
6	17852.500	47.89	5.09	74.0	26.11	Peak	15.00	100	Vertical	Pass
6**	17852.500	40.00	5.09	54.0	14.00	AV	15.00	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	1283.700	41.62	-19.59	74.0	32.38	Peak	190.00	200	Horizontal	Pass
1**	1283.700	30.66	-19.59	54.0	23.34	AV	190.00	200	Horizontal	Pass
2	2411.200	104.74	-14.69	74.0	-30.74	Peak	13.00	150	Horizontal	N/A
2**	2411.200	98.39	-14.69	54.0	-44.39	AV	13.00	150	Horizontal	N/A
3	2918.800	49.02	-11.81	74.0	24.98	Peak	31.00	200	Horizontal	Pass
3**	2918.800	40.36	-11.81	54.0	13.64	AV	31.00	200	Horizontal	Pass
4	4969.500	49.14	-3.99	74.0	24.86	Peak	0.00	400	Horizontal	Pass
4**	4969.500	40.47	-3.99	54.0	13.53	AV	0.00	400	Horizontal	Pass
5	7541.000	53.61	-0.23	74.0	20.39	Peak	92.00	400	Horizontal	Pass
5**	7541.000	43.45	-0.23	54.0	10.55	AV	92.00	400	Horizontal	Pass
6	17787.501	48.80	6.15	74.0	25.20	Peak	178.00	100	Horizontal	Pass
6**	17787.501	41.33	6.15	54.0	12.67	AV	178.00	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	1329.900	40.52	-19.81	74.0	33.48	Peak	298.00	400	Vertical	Pass
1**	1329.900	29.77	-19.81	54.0	24.23	AV	298.00	400	Vertical	Pass
2	2411.100	107.51	-14.69	74.0	-33.51	Peak	298.00	150	Vertical	N/A
2**	2411.100	101.61	-14.69	54.0	-47.61	AV	298.00	150	Vertical	N/A
3	2740.000	49.09	-12.30	74.0	24.91	Peak	278.00	200	Vertical	Pass
3**	2740.000	38.94	-12.30	54.0	15.06	AV	278.00	200	Vertical	Pass
4	4820.000	50.71	-5.45	74.0	23.29	Peak	192.00	200	Vertical	Pass
4**	4820.000	40.95	-5.45	54.0	13.05	AV	192.00	200	Vertical	Pass
5	7919.250	53.42	-0.84	74.0	20.58	Peak	324.00	300	Vertical	Pass
5**	7919.250	43.56	-0.84	54.0	10.44	AV	324.00	300	Vertical	Pass
6	17822.501	49.94	5.91	74.0	24.06	Peak	0.00	200	Vertical	Pass
6**	17822.501	40.19	5.91	54.0	13.81	AV	0.00	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	1467.800	40.40	-19.78	74.0	33.60	Peak	360.00	200	Horizontal	Pass
1**	1467.800	31.28	-19.78	54.0	22.72	AV	360.00	200	Horizontal	Pass
2	2438.300	105.86	-13.99	74.0	-31.86	Peak	219.00	200	Horizontal	N/A
2**	2438.300	98.52	-13.99	54.0	-44.52	AV	219.00	200	Horizontal	N/A
3	2906.500	48.90	-12.10	74.0	25.10	Peak	116.00	150	Horizontal	Pass
3**	2906.500	39.16	-12.10	54.0	14.84	AV	116.00	150	Horizontal	Pass
4	4762.250	48.59	-5.75	74.0	25.41	Peak	152.00	100	Horizontal	Pass
4**	4762.250	38.99	-5.75	54.0	15.01	AV	152.00	100	Horizontal	Pass
5	7876.250	53.48	0.49	74.0	20.52	Peak	102.00	300	Horizontal	Pass
5**	7876.250	44.11	0.49	54.0	9.89	AV	102.00	300	Horizontal	Pass
6	17799.999	48.10	6.52	74.0	25.90	Peak	108.00	400	Horizontal	Pass
6**	17799.999	41.70	6.52	54.0	12.30	AV	108.00	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	1584.900	40.40	-19.99	74.0	33.60	Peak	116.00	400	Vertical	Pass
1**	1584.900	30.53	-19.99	54.0	23.47	AV	116.00	400	Vertical	Pass
2	2437.900	108.85	-14.02	74.0	-34.85	Peak	223.00	100	Vertical	N/A
2**	2437.900	102.07	-14.02	54.0	-48.07	AV	223.00	100	Vertical	N/A
3	2848.600	48.96	-12.21	74.0	25.04	Peak	157.00	150	Vertical	Pass
3**	2848.600	38.99	-12.21	54.0	15.01	AV	157.00	150	Vertical	Pass
4	4991.500	49.69	-4.12	74.0	24.31	Peak	94.00	200	Vertical	Pass
4**	4991.500	40.21	-4.12	54.0	13.79	AV	94.00	200	Vertical	Pass
5	7727.250	53.92	-1.29	74.0	20.08	Peak	58.00	400	Vertical	Pass
5**	7727.250	43.43	-1.29	54.0	10.57	AV	58.00	400	Vertical	Pass
6	17795.000	48.68	6.37	74.0	25.32	Peak	194.00	200	Vertical	Pass
6**	17795.000	41.90	6.37	54.0	12.10	AV	194.00	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	1531.800	40.45	-19.71	74.0	33.55	Peak	77.00	100	Horizontal	Pass
1**	1531.800	30.59	-19.71	54.0	23.41	AV	77.00	100	Horizontal	Pass
2	2459.800	105.67	-13.55	74.0	-31.67	Peak	238.00	100	Horizontal	N/A
2**	2459.800	98.04	-13.55	54.0	-44.04	AV	238.00	100	Horizontal	N/A
3	2964.300	48.99	-12.04	74.0	25.01	Peak	44.00	150	Horizontal	Pass
3**	2964.300	39.52	-12.04	54.0	14.48	AV	44.00	150	Horizontal	Pass
4	4957.250	49.21	-3.76	74.0	24.79	Peak	11.00	300	Horizontal	Pass
4**	4957.250	40.52	-3.76	54.0	13.48	AV	11.00	300	Horizontal	Pass
5	7856.500	53.94	-0.17	74.0	20.06	Peak	234.00	300	Horizontal	Pass
5**	7856.500	44.18	-0.17	54.0	9.82	AV	234.00	300	Horizontal	Pass
6	17799.999	48.31	6.52	74.0	25.69	Peak	193.00	300	Horizontal	Pass
6**	17799.999	41.07	6.52	54.0	12.93	AV	193.00	300	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	1330.900	41.02	-19.79	74.0	32.98	Peak	127.00	300	Vertical	Pass
1**	1330.900	32.26	-19.79	54.0	21.74	AV	127.00	300	Vertical	Pass
2	2458.400	109.09	-13.49	74.0	-35.09	Peak	221.00	200	Vertical	N/A
2**	2458.400	102.15	-13.49	54.0	-48.15	AV	221.00	200	Vertical	N/A
3	2973.400	48.82	-11.94	74.0	25.18	Peak	105.00	150	Vertical	Pass
3**	2973.400	39.63	-11.94	54.0	14.37	AV	105.00	150	Vertical	Pass
4	4800.250	49.15	-4.75	74.0	24.85	Peak	68.00	150	Vertical	Pass
4**	4800.250	43.27	-4.75	54.0	10.73	AV	68.00	150	Vertical	Pass
5	7502.750	53.14	-0.92	74.0	20.86	Peak	100.00	200	Vertical	Pass
5**	7502.750	44.65	-0.92	54.0	9.35	AV	100.00	200	Vertical	Pass
6	17810.000	49.08	6.25	74.0	24.92	Peak	21.00	300	Vertical	Pass
6**	17810.000	40.75	6.25	54.0	13.25	AV	21.00	300	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	1530.100	42.48	-17.78	74.0	31.52	Peak	120.00	400	Horizontal	Pass
1**	1530.100	32.81	-17.78	54.0	21.19	AV	120.00	400	Horizontal	Pass
2	2410.000	104.63	-13.15	74.0	-30.63	Peak	182.00	200	Horizontal	N/A
2**	2410.000	97.76	-13.15	54.0	-43.76	AV	182.00	200	Horizontal	N/A
3	2985.100	50.12	-10.16	74.0	23.88	Peak	277.00	100	Horizontal	Pass
3**	2985.100	41.30	-10.16	54.0	12.70	AV	277.00	100	Horizontal	Pass
4	4819.800	51.27	-3.59	74.0	22.73	Peak	229.00	300	Horizontal	Pass
4**	4819.800	42.27	-3.59	54.0	11.73	AV	229.00	300	Horizontal	Pass
5	6935.200	52.98	-0.42	74.0	21.02	Peak	18.00	100	Horizontal	Pass
5**	6935.200	43.93	-0.42	54.0	10.07	AV	18.00	100	Horizontal	Pass
6	16100.287	55.51	6.89	74.0	18.49	Peak	360.00	100	Horizontal	Pass
6**	16100.287	46.14	6.89	54.0	7.86	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.600	41.25	-17.82	74.0	32.75	Peak	241.00	400	Vertical	Pass
1**	1594.600	32.66	-17.82	54.0	21.34	AV	241.00	400	Vertical	Pass
2	2415.300	108.06	-12.98	74.0	-34.06	Peak	191.00	100	Vertical	N/A
2**	2415.300	100.56	-12.98	54.0	-46.56	AV	191.00	100	Vertical	N/A
3	2974.000	50.60	-10.45	74.0	23.40	Peak	360.00	100	Vertical	Pass
3**	2974.000	40.55	-10.45	54.0	13.45	AV	360.00	100	Vertical	Pass
4	4800.000	50.36	-3.53	74.0	23.64	Peak	300.00	200	Vertical	Pass
4**	4800.000	44.59	-3.53	54.0	9.41	AV	300.00	200	Vertical	Pass
5	6972.800	54.71	-0.39	74.0	19.29	Peak	349.00	400	Vertical	Pass
5**	6972.800	43.46	-0.39	54.0	10.54	AV	349.00	400	Vertical	Pass
6	17995.276	55.28	5.63	74.0	18.72	Peak	18.00	100	Vertical	Pass
6**	17995.276	46.05	5.63	54.0	7.95	AV	18.00	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	1683.700	41.68	-17.67	74.0	32.32	Peak	303.00	100	Horizontal	Pass
1**	1683.700	32.26	-17.67	54.0	21.74	AV	303.00	100	Horizontal	Pass
2	2438.500	105.82	-12.39	74.0	-31.82	Peak	212.00	100	Horizontal	N/A
2**	2438.500	99.20	-12.39	54.0	-45.20	AV	212.00	100	Horizontal	N/A
3	2986.100	50.95	-10.14	74.0	23.05	Peak	57.00	100	Horizontal	Pass
3**	2986.100	40.84	-10.14	54.0	13.16	AV	57.00	100	Horizontal	Pass
4	4872.600	50.04	-3.58	74.0	23.96	Peak	209.00	150	Horizontal	Pass
4**	4872.600	46.89	-3.58	54.0	7.11	AV	209.00	150	Horizontal	Pass
5	6947.200	52.85	-0.42	74.0	21.15	Peak	126.00	200	Horizontal	Pass
5**	6947.200	43.85	-0.42	54.0	10.15	AV	126.00	200	Horizontal	Pass
6	16243.875	55.83	6.54	74.0	18.17	Peak	134.00	150	Horizontal	Pass
6**	16243.875	45.76	6.54	54.0	8.24	AV	134.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.300	41.88	-17.73	74.0	32.12	Peak	95.00	200	Vertical	Pass
1**	1598.300	31.68	-17.73	54.0	22.32	AV	95.00	200	Vertical	Pass
2	2439.500	108.38	-12.43	74.0	-34.38	Peak	181.00	200	Vertical	N/A
2**	2439.500	102.79	-12.43	54.0	-48.79	AV	181.00	200	Vertical	N/A
3	2967.100	50.91	-10.51	74.0	23.09	Peak	17.00	150	Vertical	Pass
3**	2967.100	41.60	-10.51	54.0	12.40	AV	17.00	150	Vertical	Pass
4	4884.800	52.43	-3.64	74.0	21.57	Peak	154.00	400	Vertical	Pass
4**	4884.800	41.00	-3.64	54.0	13.00	AV	154.00	400	Vertical	Pass
5	6921.400	52.65	-0.28	74.0	21.35	Peak	237.00	100	Vertical	Pass
5**	6921.400	43.24	-0.28	54.0	10.76	AV	237.00	100	Vertical	Pass
6	16142.026	55.27	6.70	74.0	18.73	Peak	90.00	400	Vertical	Pass
6**	16142.026	46.19	6.70	54.0	7.81	AV	90.00	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	1675.900	41.24	-17.53	74.0	32.76	Peak	159.00	300	Horizontal	Pass
1**	1675.900	32.24	-17.53	54.0	21.76	AV	159.00	300	Horizontal	Pass
2	2463.100	103.44	-13.03	74.0	-29.44	Peak	146.00	200	Horizontal	N/A
2**	2463.100	97.71	-13.03	54.0	-43.71	AV	146.00	200	Horizontal	N/A
3	2950.000	50.37	-10.31	74.0	23.63	Peak	100.00	150	Horizontal	Pass
3**	2950.000	40.80	-10.31	54.0	13.20	AV	100.00	150	Horizontal	Pass
4	4919.600	51.72	-3.74	74.0	22.28	Peak	200.00	200	Horizontal	Pass
4**	4919.600	42.74	-3.74	54.0	11.26	AV	200.00	200	Horizontal	Pass
5	6908.200	53.13	-0.32	74.0	20.87	Peak	207.00	200	Horizontal	Pass
5**	6908.200	43.23	-0.32	54.0	10.77	AV	207.00	200	Horizontal	Pass
6	16085.325	55.07	6.88	74.0	18.93	Peak	46.00	100	Horizontal	Pass
6**	16085.325	47.07	6.88	54.0	6.93	AV	46.00	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	1583.500	41.96	-17.64	74.0	32.04	Peak	112.00	200	Vertical	Pass
1**	1583.500	31.57	-17.64	54.0	22.43	AV	112.00	200	Vertical	Pass
2	2458.500	108.39	-13.19	74.0	-34.39	Peak	223.00	150	Vertical	N/A
2**	2458.500	101.69	-13.19	54.0	-47.69	AV	223.00	150	Vertical	N/A
3	2990.300	50.14	-10.24	74.0	23.86	Peak	313.00	150	Vertical	Pass
3**	2990.300	40.87	-10.24	54.0	13.13	AV	313.00	150	Vertical	Pass
4	4929.000	51.12	-3.81	74.0	22.88	Peak	153.00	100	Vertical	Pass
4**	4929.000	41.12	-3.81	54.0	12.88	AV	153.00	100	Vertical	Pass
5	6980.600	52.69	-0.44	74.0	21.31	Peak	132.00	100	Vertical	Pass
5**	6980.600	43.20	-0.44	54.0	10.80	AV	132.00	100	Vertical	Pass
6	17981.886	55.18	5.51	74.0	18.82	Peak	81.00	300	Vertical	Pass
6**	17981.886	46.25	5.51	54.0	7.75	AV	81.00	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	1641.100	42.27	-17.80	74.0	31.73	Peak	294.00	400	Horizontal	Pass
1**	1641.100	31.72	-17.80	54.0	22.28	AV	294.00	400	Horizontal	Pass
2	2420.300	102.88	-12.75	74.0	-28.88	Peak	189.00	200	Horizontal	N/A
2**	2420.300	96.74	-12.75	54.0	-42.74	AV	189.00	200	Horizontal	N/A
3	2964.200	50.24	-10.47	74.0	23.76	Peak	168.00	100	Horizontal	Pass
3**	2964.200	41.00	-10.47	54.0	13.00	AV	168.00	100	Horizontal	Pass
4	4842.400	49.98	-3.52	74.0	24.02	Peak	313.00	100	Horizontal	Pass
4**	4842.400	41.25	-3.52	54.0	12.75	AV	313.00	100	Horizontal	Pass
5	6973.800	53.94	-0.40	74.0	20.06	Peak	216.00	300	Horizontal	Pass
5**	6973.800	44.11	-0.40	54.0	9.89	AV	216.00	300	Horizontal	Pass
6	16250.963	55.10	6.60	74.0	18.90	Peak	244.00	200	Horizontal	Pass
6**	16250.963	46.54	6.60	54.0	7.46	AV	244.00	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	1570.500	41.68	-17.60	74.0	32.32	Peak	84.00	400	Vertical	Pass
1**	1570.500	32.02	-17.60	54.0	21.98	AV	84.00	400	Vertical	Pass
2	2420.300	107.41	-12.75	74.0	-33.41	Peak	200.00	150	Vertical	N/A
2**	2420.300	100.46	-12.75	54.0	-46.46	AV	200.00	150	Vertical	N/A
3	2962.400	50.28	-10.38	74.0	23.72	Peak	295.00	150	Vertical	Pass
3**	2962.400	41.23	-10.38	54.0	12.77	AV	295.00	150	Vertical	Pass
4	4799.800	50.22	-3.53	74.0	23.78	Peak	308.00	150	Vertical	Pass
4**	4799.800	42.63	-3.53	54.0	11.37	AV	308.00	150	Vertical	Pass
5	6963.000	53.19	-0.53	74.0	20.81	Peak	6.00	300	Vertical	Pass
5**	6963.000	43.65	-0.53	54.0	10.35	AV	6.00	300	Vertical	Pass
6	16163.812	55.07	6.48	74.0	18.93	Peak	101.00	400	Vertical	Pass
6**	16163.812	47.07	6.48	54.0	6.93	AV	101.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1662.100	42.46	-17.37	74.0	31.54	Peak	43.00	100	Horizontal	Pass
1**	1662.100	33.06	-17.37	54.0	20.94	AV	43.00	100	Horizontal	Pass
2	2439.000	102.91	-12.41	74.0	-28.91	Peak	205.00	100	Horizontal	N/A
2**	2439.000	96.05	-12.41	54.0	-42.05	AV	205.00	100	Horizontal	N/A
3	2880.100	50.48	-10.24	74.0	23.52	Peak	138.00	150	Horizontal	Pass
3**	2880.100	40.52	-10.24	54.0	13.48	AV	138.00	150	Horizontal	Pass
4	4877.200	50.06	-3.58	74.0	23.94	Peak	59.00	200	Horizontal	Pass
4**	4877.200	41.37	-3.58	54.0	12.63	AV	59.00	200	Horizontal	Pass
5	6800.400	52.99	-1.32	74.0	21.01	Peak	342.00	100	Horizontal	Pass
5**	6800.400	43.97	-1.32	54.0	10.03	AV	342.00	100	Horizontal	Pass
6	16104.750	55.32	6.87	74.0	18.68	Peak	60.00	300	Horizontal	Pass
6**	16104.750	45.63	6.87	54.0	8.37	AV	60.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.500	42.02	-17.76	74.0	31.98	Peak	156.00	400	Vertical	Pass
1**	1611.500	32.04	-17.76	54.0	21.96	AV	156.00	400	Vertical	Pass
2	2439.300	106.30	-12.42	74.0	-32.30	Peak	341.00	200	Vertical	N/A
2**	2439.300	99.36	-12.42	54.0	-45.36	AV	341.00	200	Vertical	N/A
3	2982.500	50.78	-10.25	74.0	23.22	Peak	171.00	150	Vertical	Pass
3**	2982.500	41.07	-10.25	54.0	12.93	AV	171.00	150	Vertical	Pass
4	4997.600	50.91	-3.59	74.0	23.09	Peak	315.00	150	Vertical	Pass
4**	4997.600	40.73	-3.59	54.0	13.27	AV	315.00	150	Vertical	Pass
5	6817.400	52.93	-1.32	74.0	21.07	Peak	245.00	300	Vertical	Pass
5**	6817.400	42.71	-1.32	54.0	11.29	AV	245.00	300	Vertical	Pass
6	17289.937	54.78	6.48	74.0	19.22	Peak	185.00	400	Vertical	Pass
6**	17289.937	46.14	6.48	54.0	7.86	AV	185.00	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	1521.200	42.00	-17.68	74.0	32.00	Peak	360.00	100	Horizontal	Pass
1**	1521.200	31.41	-17.68	54.0	22.59	AV	360.00	100	Horizontal	Pass
2	2441.100	102.52	-12.47	74.0	-28.52	Peak	221.00	200	Horizontal	N/A
2**	2441.100	95.10	-12.47	54.0	-41.10	AV	221.00	200	Horizontal	N/A
3	2953.700	50.65	-10.29	74.0	23.35	Peak	245.00	150	Horizontal	Pass
3**	2953.700	42.33	-10.29	54.0	11.67	AV	245.00	150	Horizontal	Pass
4	4902.600	49.73	-3.60	74.0	24.27	Peak	196.00	300	Horizontal	Pass
4**	4902.600	42.20	-3.60	54.0	11.80	AV	196.00	300	Horizontal	Pass
5	6887.600	53.13	-0.54	74.0	20.87	Peak	20.00	400	Horizontal	Pass
5**	6887.600	43.67	-0.54	54.0	10.33	AV	20.00	400	Horizontal	Pass
6	17223.526	55.16	6.15	74.0	18.84	Peak	0.00	100	Horizontal	Pass
6**	17223.526	45.24	6.15	54.0	8.76	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1663.800	41.30	-17.38	74.0	32.70	Peak	71.00	100	Vertical	Pass
1**	1663.800	31.32	-17.38	54.0	22.68	AV	71.00	100	Vertical	Pass
2	2454.700	108.03	-13.11	74.0	-34.03	Peak	181.00	100	Vertical	N/A
2**	2454.700	100.67	-13.11	54.0	-46.67	AV	181.00	100	Vertical	N/A
3	2988.600	50.18	-10.17	74.0	23.82	Peak	21.00	150	Vertical	Pass
3**	2988.600	41.50	-10.17	54.0	12.50	AV	21.00	150	Vertical	Pass
4	4984.400	50.12	-3.82	74.0	23.88	Peak	294.00	100	Vertical	Pass
4**	4984.400	41.22	-3.82	54.0	12.78	AV	294.00	100	Vertical	Pass
5	6943.200	52.99	-0.41	74.0	21.01	Peak	300.00	200	Vertical	Pass
5**	6943.200	43.75	-0.41	54.0	10.25	AV	300.00	200	Vertical	Pass
6	16076.137	55.18	6.88	74.0	18.82	Peak	332.00	300	Vertical	Pass
6**	16076.137	45.16	6.88	54.0	8.84	AV	332.00	300	Vertical	Pass

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

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

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

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

Test Data and Plots

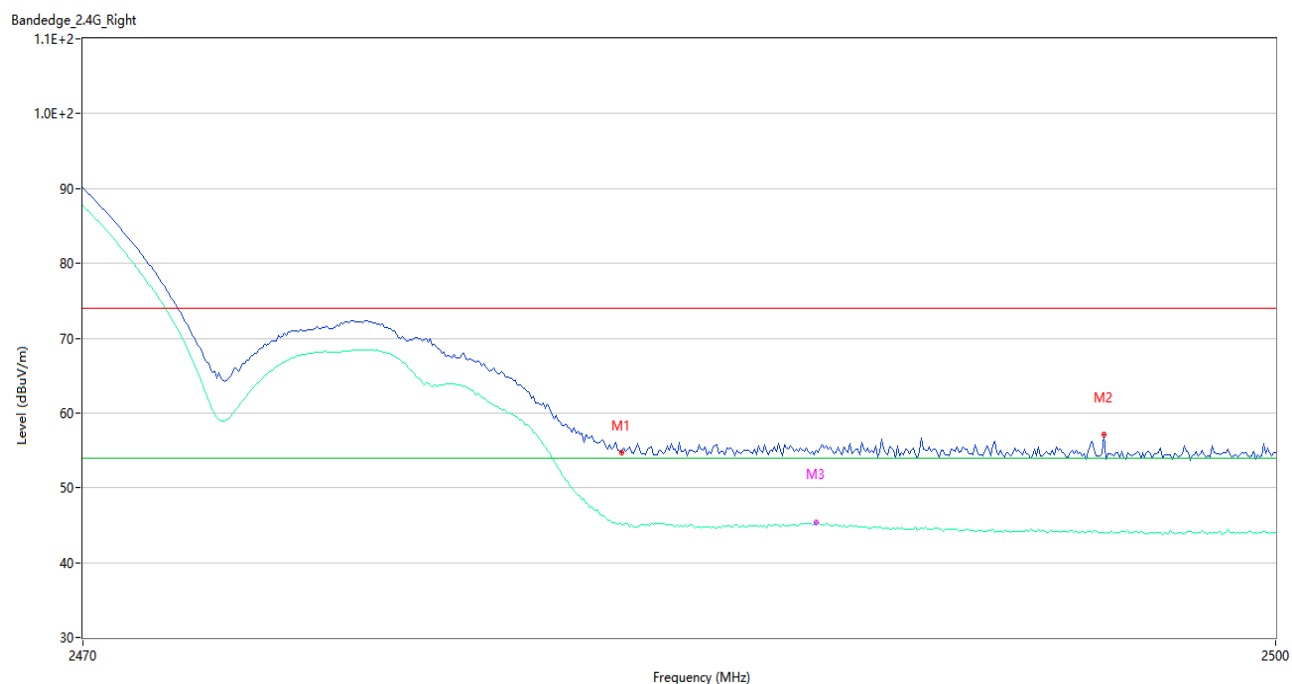
Main Antenna

802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.333	54.63	-2.29	74.0	19.37	Peak	317.00	200	Vertical	Pass
1**	2388.333	43.05	-2.29	54.0	10.95	AV	317.00	200	Vertical	Pass
2	2390.000	53.39	-2.35	74.0	20.61	Peak	282.00	100	Vertical	Pass
2**	2390.000	42.51	-2.35	54.0	11.49	AV	282.00	100	Vertical	Pass
3	2388.000	53.06	-2.28	74.0	20.94	Peak	239.00	150	Vertical	Pass
3**	2388.000	43.08	-2.28	54.0	10.92	AV	239.00	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	2483.500	54.73	-0.86	74.0	19.27	Peak	19.00	100	Vertical	Pass
1**	2483.500	45.08	-0.86	54.0	8.92	AV	19.00	100	Vertical	Pass
2	2495.650	57.15	-0.94	74.0	16.85	Peak	215.00	200	Vertical	Pass
2**	2495.650	44.00	-0.94	54.0	10.00	AV	215.00	200	Vertical	Pass
3	2488.400	55.04	-0.78	74.0	18.96	Peak	319.00	150	Vertical	Pass
3**	2488.400	45.32	-0.78	54.0	8.68	AV	319.00	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	2389.500	60.37	-2.33	74.0	13.63	Peak	277.00	150	Vertical	Pass
1**	2389.500	46.44	-2.33	54.0	7.56	AV	277.00	150	Vertical	Pass
2	2390.000	60.19	-2.35	74.0	13.81	Peak	266.00	100	Vertical	Pass
2**	2390.000	47.80	-2.35	54.0	6.20	AV	266.00	100	Vertical	Pass

802.11g HIGH CHANNEL



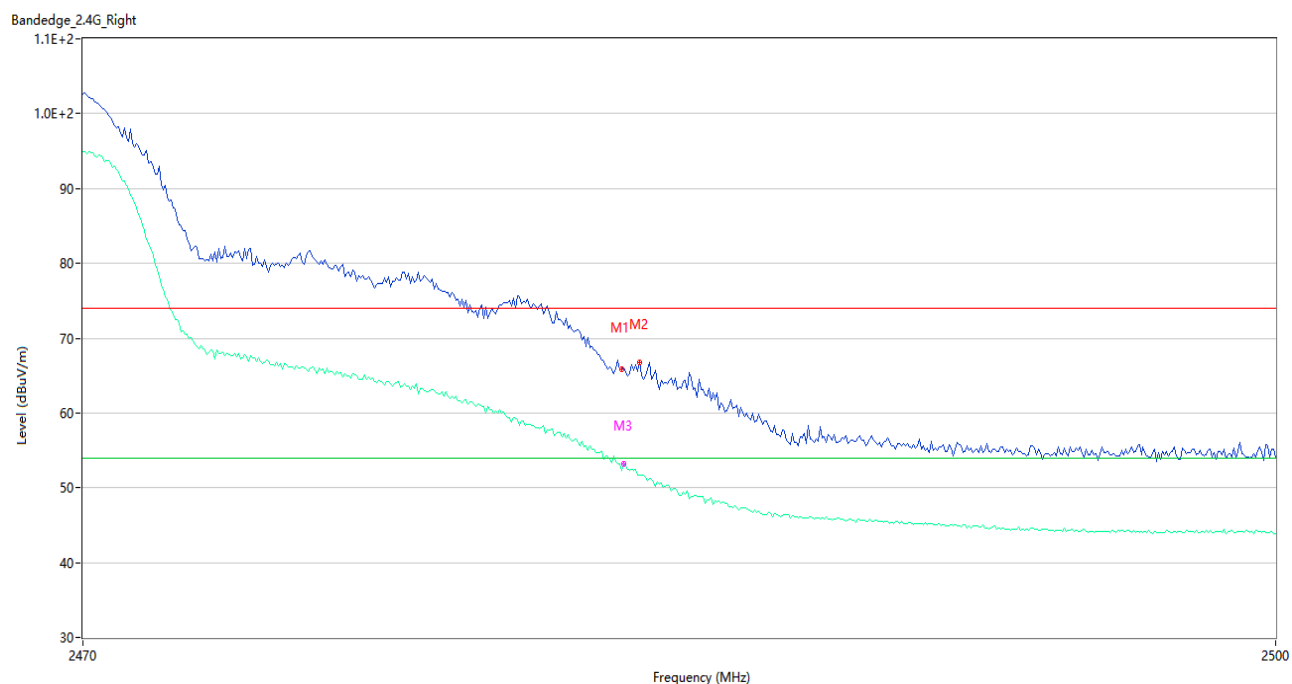
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.42	-0.86	74.0	8.58	Peak	272.00	100	Vertical	Pass
1**	2483.500	53.04	-0.86	54.0	0.96	AV	272.00	100	Vertical	Pass
2	2483.600	65.09	-0.86	74.0	8.91	Peak	272.00	100	Vertical	Pass
2**	2483.600	52.68	-0.86	54.0	1.32	AV	272.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



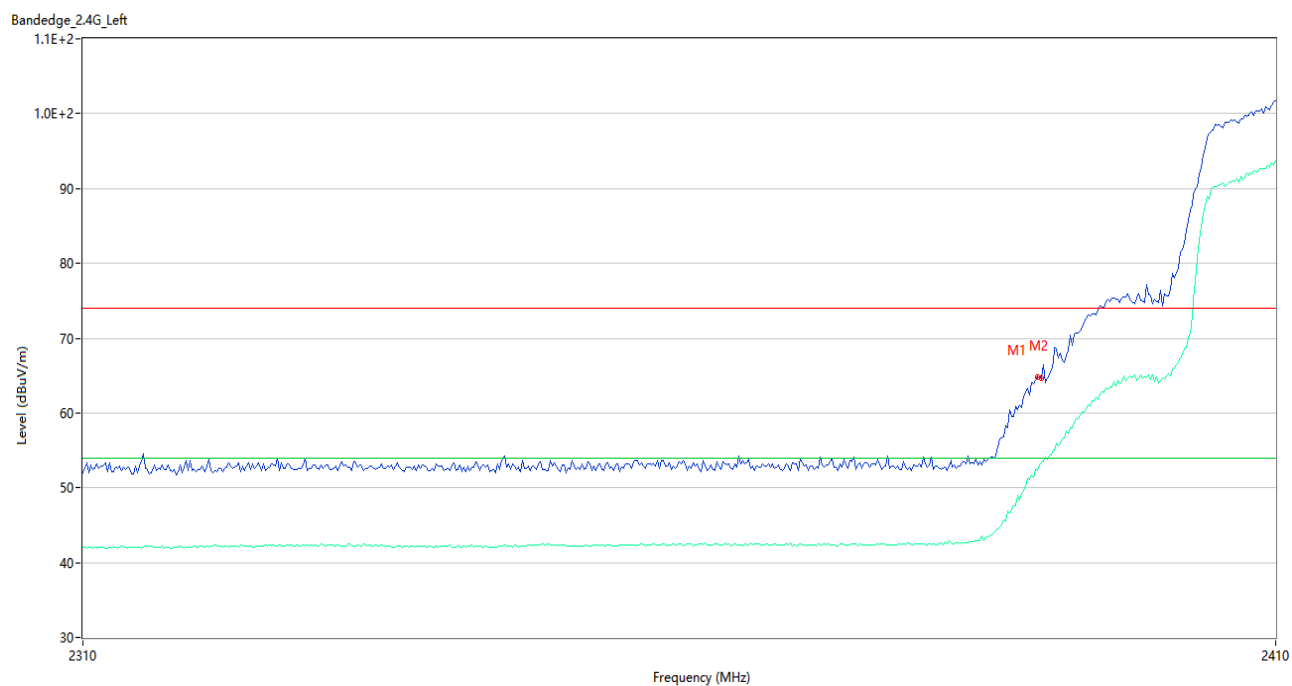
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	62.89	-2.35	74.0	11.11	Peak	261.00	100	Vertical	Pass
1**	2390.000	49.76	-2.35	54.0	4.24	AV	261.00	100	Vertical	Pass

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	65.80	-0.86	74.0	8.20	Peak	263.00	100	Vertical	Pass
1**	2483.500	52.25	-0.86	54.0	1.75	AV	263.00	100	Vertical	Pass
2	2483.950	66.83	-0.84	74.0	7.17	Peak	274.00	100	Vertical	Pass
2**	2483.950	51.66	-0.84	54.0	2.34	AV	274.00	100	Vertical	Pass
3	2483.550	66.06	-0.86	74.0	7.94	Peak	269.00	150	Vertical	Pass
3**	2483.550	53.18	-0.86	54.0	0.82	AV	269.00	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	2389.667	64.88	-2.34	74.0	9.12	Peak	300.00	150	Vertical	Pass
1**	2389.667	52.24	-2.34	54.0	1.76	AV	300.00	150	Vertical	Pass
2	2390.000	64.62	-2.35	74.0	9.38	Peak	274.00	100	Vertical	Pass
2**	2390.000	53.32	-2.35	54.0	0.68	AV	274.00	100	Vertical	Pass

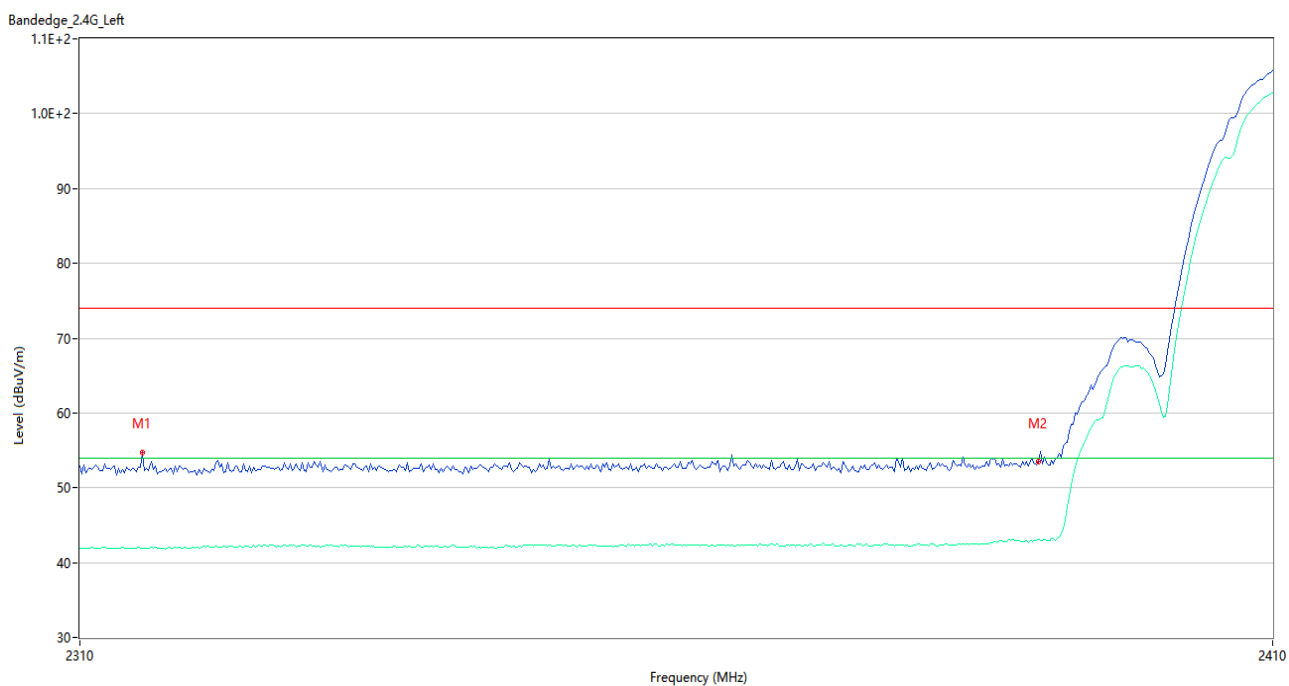
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.94	-0.86	74.0	10.06	Peak	269.00	150	Vertical	Pass
1**	2483.500	52.08	-0.86	54.0	1.92	AV	269.00	150	Vertical	Pass
2	2483.750	64.82	-0.85	74.0	9.18	Peak	232.00	100	Vertical	Pass
2**	2483.750	51.66	-0.85	54.0	2.34	AV	232.00	100	Vertical	Pass
3	2483.550	63.70	-0.86	74.0	10.30	Peak	300.00	150	Vertical	Pass
3**	2483.550	52.31	-0.86	54.0	1.69	AV	300.00	150	Vertical	Pass

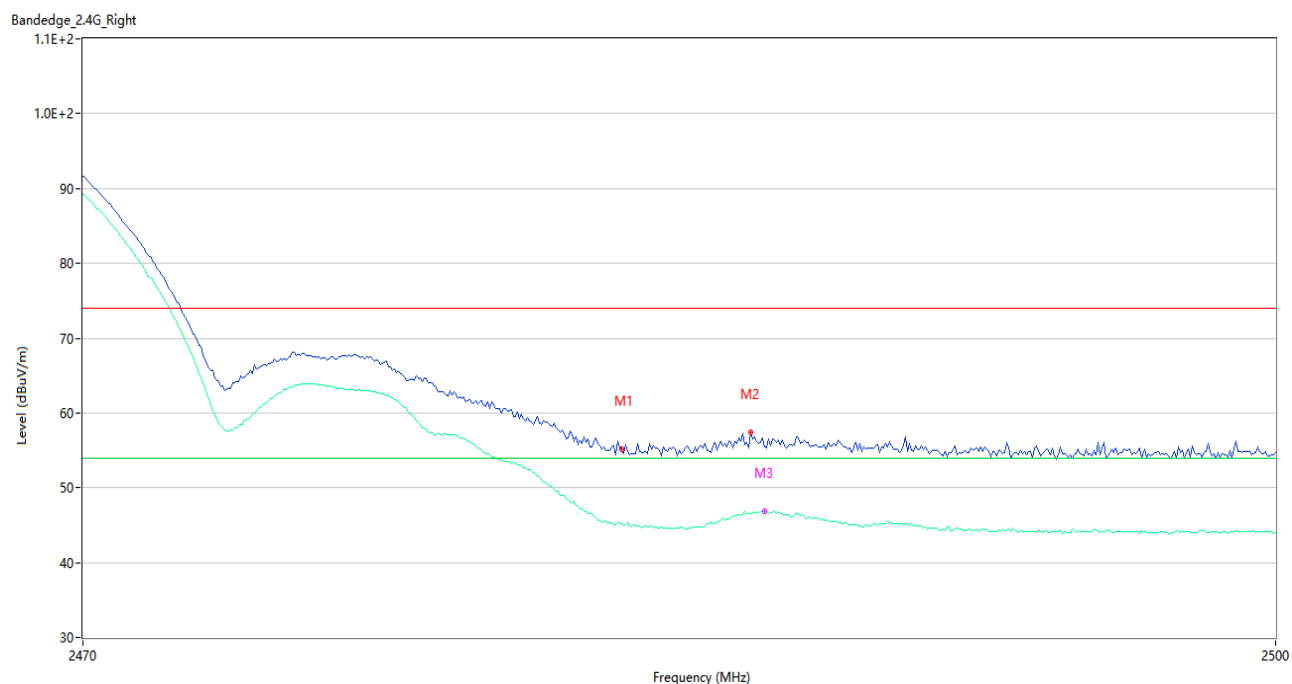
Aux. Antenna

802.11b LOW CHANNEL



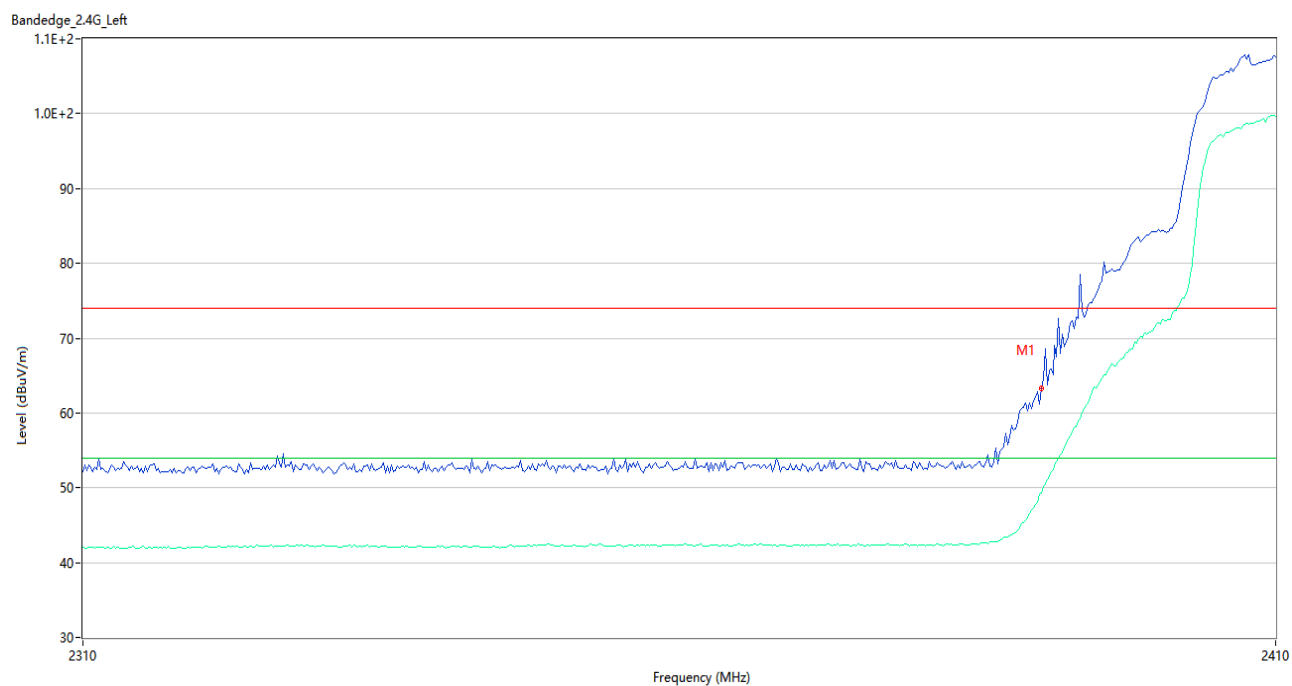
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2315.167	54.67	-3.10	74.0	19.33	Peak	237.00	200	Vertical	Pass
1**	2315.167	41.95	-3.10	54.0	12.05	AV	237.00	200	Vertical	Pass
2	2390.000	53.56	-2.35	74.0	20.44	Peak	329.00	200	Vertical	Pass
2**	2390.000	43.09	-2.35	54.0	10.91	AV	329.00	200	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	2483.500	55.19	-0.86	74.0	18.81	Peak	114.00	150	Vertical	Pass
1**	2483.500	45.22	-0.86	54.0	8.78	AV	114.00	150	Vertical	Pass
2	2486.750	57.48	-0.82	74.0	16.52	Peak	0.00	100	Vertical	Pass
2**	2486.750	46.48	-0.82	54.0	7.52	AV	0.00	100	Vertical	Pass
3	2487.100	55.47	-0.81	74.0	18.53	Peak	148.00	150	Vertical	Pass
3**	2487.100	46.90	-0.81	54.0	7.10	AV	148.00	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	2390.000	63.36	-2.35	74.0	10.64	Peak	360.00	150	Vertical	Pass
1**	2390.000	49.34	-2.35	54.0	4.66	AV	360.00	150	Vertical	Pass

802.11g HIGH CHANNEL



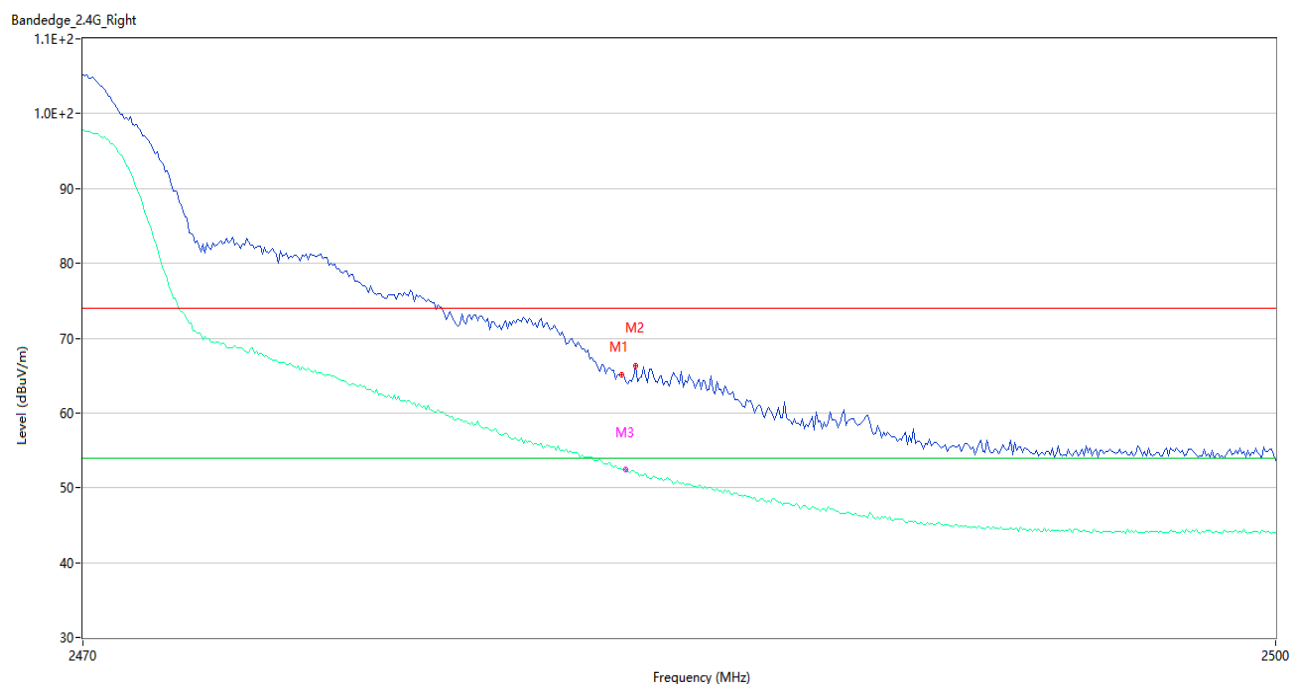
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.52	-0.86	74.0	7.48	Peak	85.00	200	Vertical	Pass
1**	2483.500	52.17	-0.86	54.0	1.83	AV	85.00	200	Vertical	Pass
2	2483.950	66.17	-0.84	74.0	7.83	Peak	72.00	200	Vertical	Pass
2**	2483.950	51.08	-0.84	54.0	2.92	AV	72.00	200	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	2390.000	64.47	-2.35	74.0	9.53	Peak	4.00	200	Vertical	Pass
1**	2390.000	51.02	-2.35	54.0	2.98	AV	4.00	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	65.04	-0.86	74.0	8.96	Peak	121.00	200	Vertical	Pass
1**	2483.500	52.42	-0.86	54.0	1.58	AV	121.00	200	Vertical	Pass
2	2483.850	66.36	-0.85	74.0	7.64	Peak	101.00	150	Vertical	Pass
2**	2483.850	52.06	-0.85	54.0	1.94	AV	101.00	150	Vertical	Pass
3	2483.600	64.22	-0.86	74.0	9.78	Peak	79.00	150	Vertical	Pass
3**	2483.600	52.49	-0.86	54.0	1.51	AV	79.00	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	2389.500	66.56	-2.33	74.0	7.44	Peak	0.00	150	Vertical	Pass
1**	2389.500	51.87	-2.33	54.0	2.13	AV	0.00	150	Vertical	Pass
2	2390.000	65.92	-2.35	74.0	8.08	Peak	10.00	150	Vertical	Pass
2**	2390.000	52.81	-2.35	54.0	1.19	AV	10.00	150	Vertical	Pass

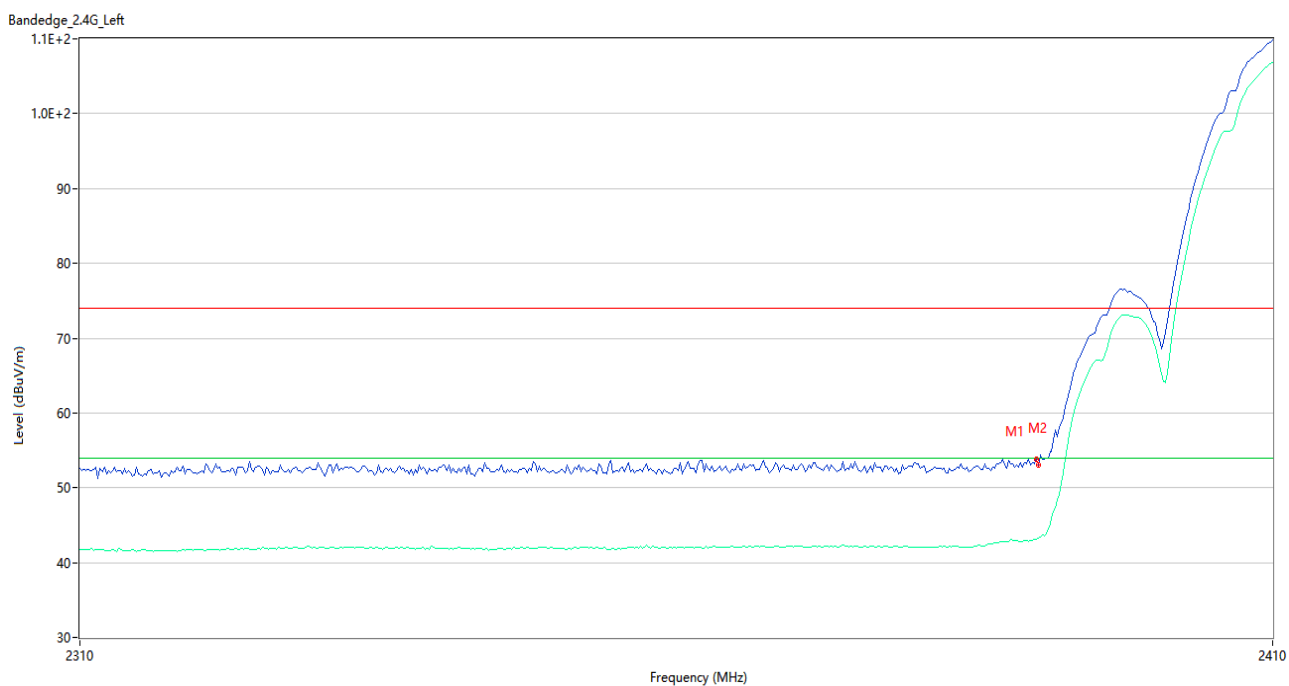
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.68	-0.86	74.0	7.32	Peak	0.00	200	Vertical	Pass
1**	2483.500	53.06	-0.86	54.0	0.94	AV	0.00	200	Vertical	Pass
2	2484.550	66.51	-0.84	74.0	7.49	Peak	78.00	150	Vertical	Pass
2**	2484.550	52.13	-0.84	54.0	1.87	AV	78.00	150	Vertical	Pass
3	2483.550	64.20	-0.86	74.0	9.80	Peak	0.00	150	Vertical	Pass
3**	2483.550	53.19	-0.86	54.0	0.81	AV	0.00	150	Vertical	Pass

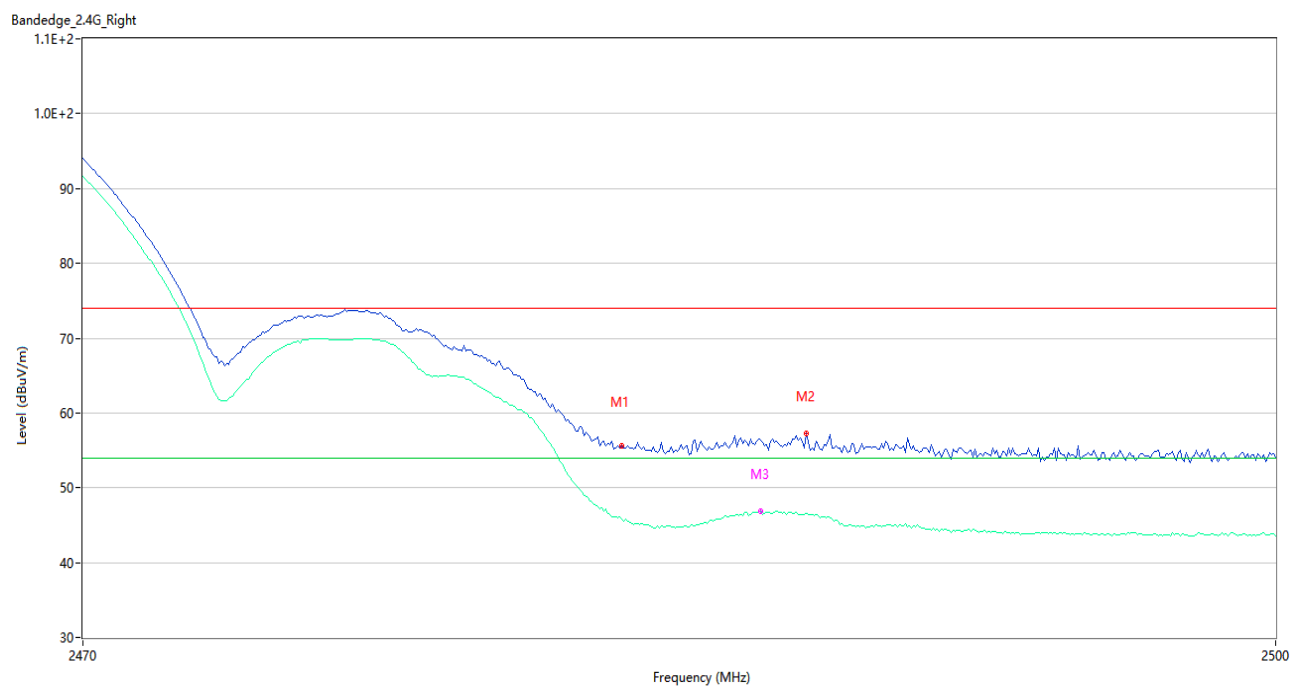
MIMO

802.11b LOW CHANNEL



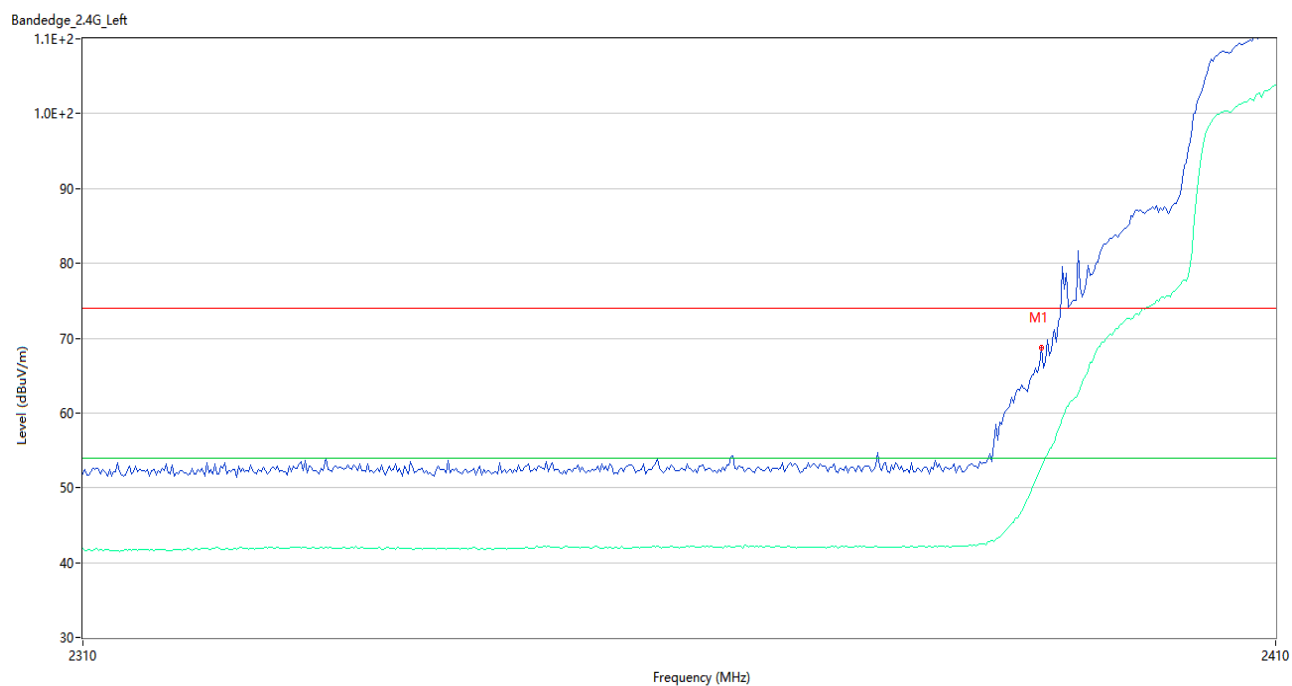
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.833	53.86	-2.34	74.0	20.14	Peak	211.00	200	Vertical	Pass
1**	2389.833	43.11	-2.34	54.0	10.89	AV	211.00	200	Vertical	Pass
2	2390.000	53.10	-2.35	74.0	20.90	Peak	358.00	100	Vertical	Pass
2**	2390.000	43.23	-2.35	54.0	10.77	AV	358.00	100	Vertical	Pass

802.11b HIGH CHANNEL



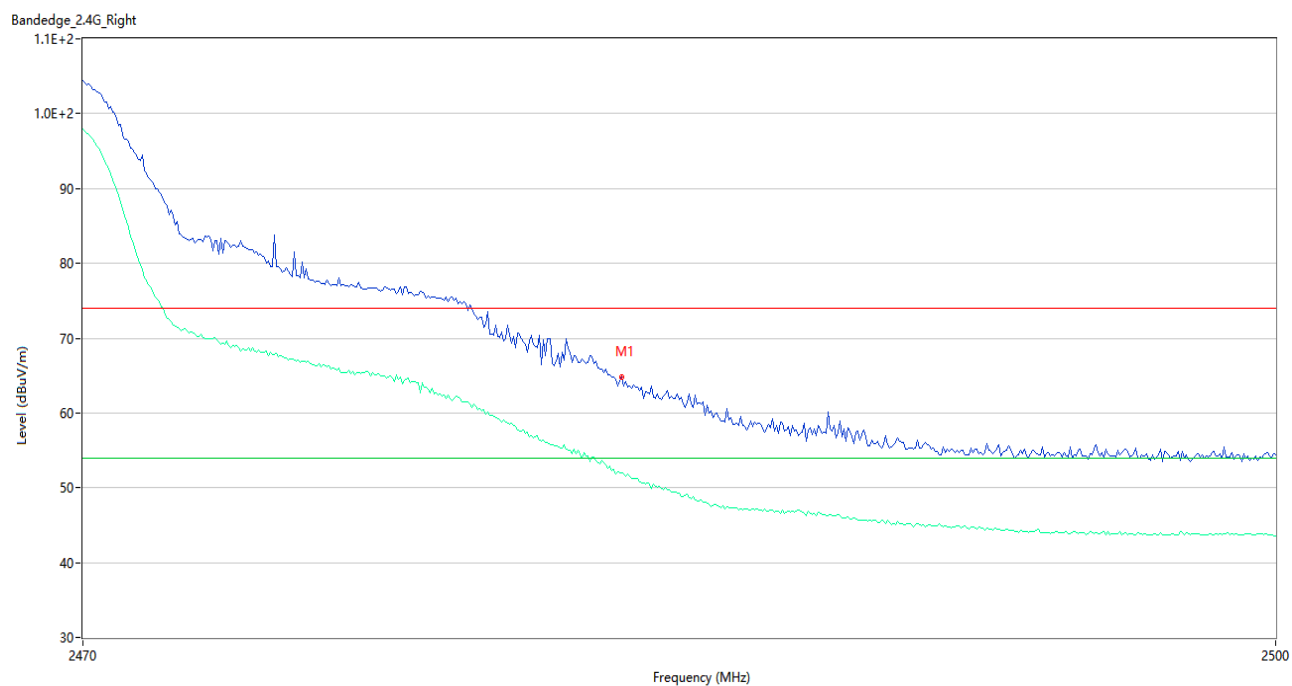
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.68	-0.86	74.0	18.32	Peak	107.00	100	Vertical	Pass
1**	2483.500	45.76	-0.86	54.0	8.24	AV	107.00	100	Vertical	Pass
2	2488.150	57.25	-0.79	74.0	16.75	Peak	192.00	100	Vertical	Pass
2**	2488.150	46.50	-0.79	54.0	7.50	AV	192.00	100	Vertical	Pass
3	2487.000	56.40	-0.82	74.0	17.60	Peak	285.00	150	Vertical	Pass
3**	2487.000	46.85	-0.82	54.0	7.15	AV	285.00	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	2390.000	68.74	-2.35	74.0	5.26	Peak	79.00	100	Vertical	Pass
1**	2390.000	52.79	-2.35	54.0	1.21	AV	79.00	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	2483.500	64.74	-0.86	74.0	9.26	Peak	357.00	200	Vertical	Pass
1**	2483.500	52.05	-0.86	54.0	1.95	AV	357.00	200	Vertical	Pass

802.11n20 LOW CHANNEL



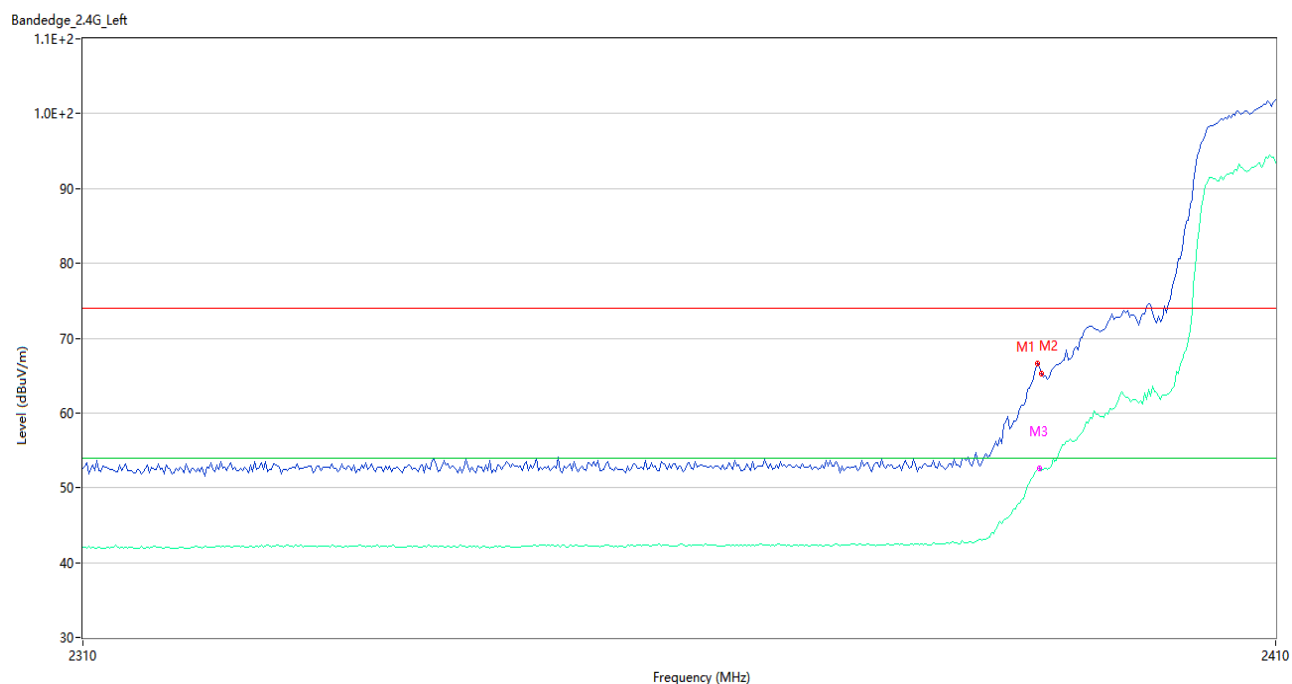
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.26	-2.35	74.0	6.74	Peak	28.00	200	Vertical	Pass
1**	2390.000	53.24	-2.35	54.0	0.76	AV	28.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL



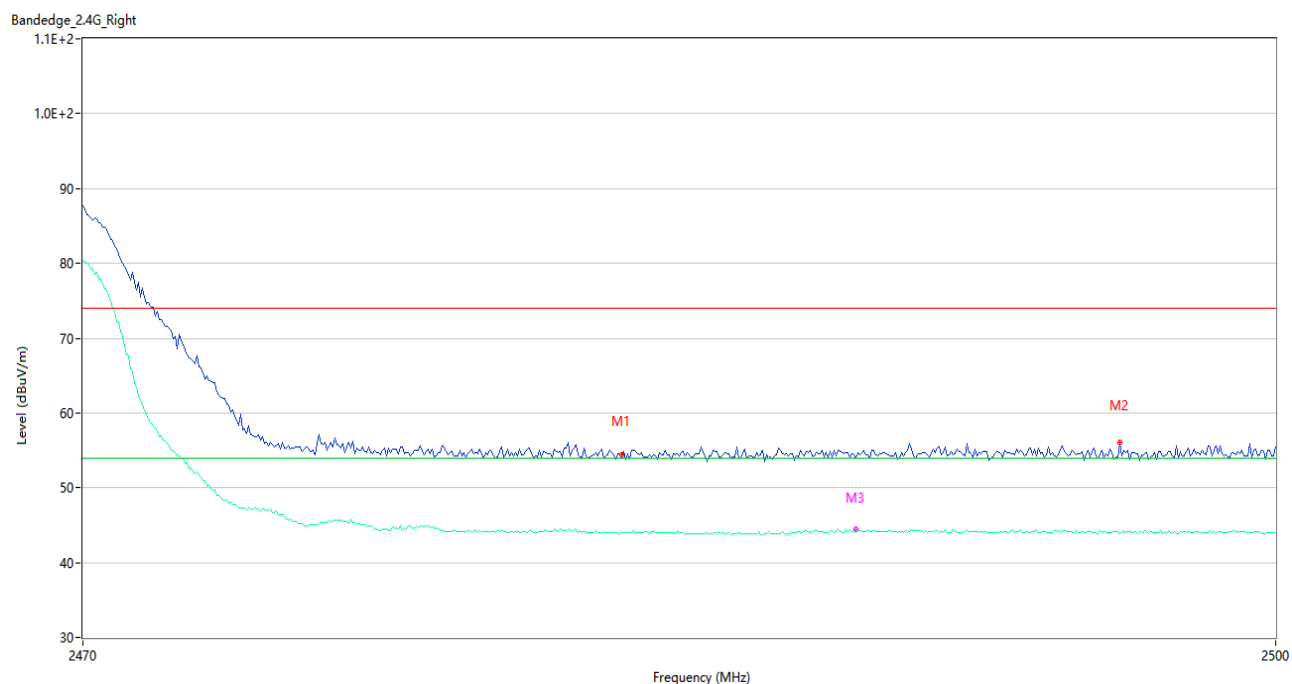
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.38	-0.86	74.0	8.62	Peak	231.00	100	Vertical	Pass
1**	2483.500	52.83	-0.86	54.0	1.17	AV	231.00	100	Vertical	Pass
2	2483.800	66.20	-0.85	74.0	7.80	Peak	259.00	100	Vertical	Pass
2**	2483.800	52.27	-0.85	54.0	1.73	AV	259.00	100	Vertical	Pass
3	2483.550	65.38	-0.86	74.0	8.62	Peak	241.00	150	Vertical	Pass
3**	2483.550	52.95	-0.86	54.0	1.05	AV	241.00	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	2389.667	66.61	-2.34	74.0	7.39	Peak	360.00	100	Vertical	Pass
1**	2389.667	52.43	-2.34	54.0	1.57	AV	360.00	100	Vertical	Pass
2	2390.000	65.27	-2.35	74.0	8.73	Peak	349.00	100	Vertical	Pass
2**	2390.000	52.24	-2.35	54.0	1.76	AV	349.00	100	Vertical	Pass
3	2389.833	66.12	-2.34	74.0	7.88	Peak	349.00	150	Vertical	Pass
3**	2389.833	52.60	-2.34	54.0	1.40	AV	349.00	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	2483.500	54.42	-0.86	74.0	19.58	Peak	45.00	100	Vertical	Pass
1**	2483.500	44.01	-0.86	54.0	9.99	AV	45.00	100	Vertical	Pass
2	2496.050	56.02	-0.97	74.0	17.98	Peak	245.00	200	Vertical	Pass
2**	2496.050	43.93	-0.97	54.0	10.07	AV	245.00	200	Vertical	Pass
3	2489.400	53.97	-0.82	74.0	20.03	Peak	322.00	150	Vertical	Pass
3**	2489.400	44.49	-0.82	54.0	9.51	AV	322.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.11	8
Middle	-9.03	8
High	-9.87	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.29	8
Middle	-11.48	8
High	-13.11	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.85	8
Middle	-11.26	8
High	-14.06	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.63	8
Middle	-12.88	8
High	-15.77	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.93	8
Middle	-9.43	8
High	-9.97	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.79	8
Middle	-12.21	8
High	-12.36	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.54	8
Middle	-12.28	8
High	-13.27	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.56	8
Middle	-14.87	8
High	-16.17	8

MIMO-Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.74	8
Middle	-8.39	8
High	-9.67	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.19	8
Middle	-11.48	8
High	-10.50	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.04	8
Middle	-10.69	8
High	-13.62	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.83	8
Middle	-14.05	8
High	-16.94	8

MIMO-Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.62	8
Middle	-9.62	8
High	-10.58	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.71	8
Middle	-11.80	8
High	-14.17	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.44	8
Middle	-11.65	8
High	-12.41	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.22	8
Middle	-14.00	8
High	-17.62	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-6.67	8
Middle	-5.95	8
High	-7.09	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.93	8
Middle	-8.63	8
High	-8.95	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.67	8
Middle	-8.13	8
High	-9.96	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.01	8
Middle	-11.01	8
High	-14.26	8

Test Plots

Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



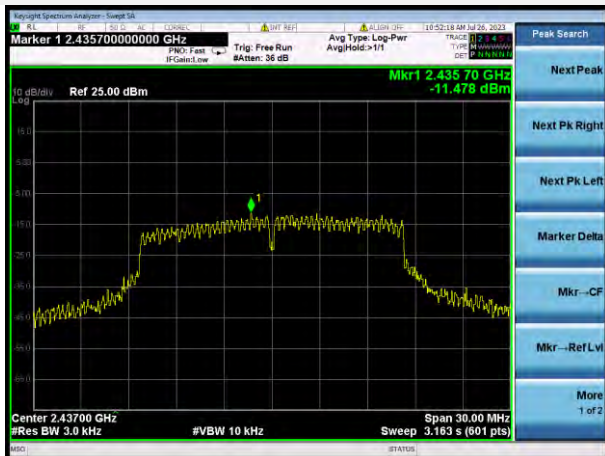
802.11b HIGH CHANNEL



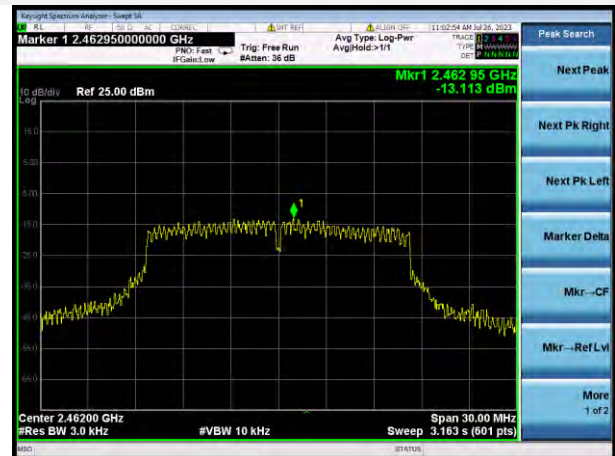
802.11g LOW CHANNEL



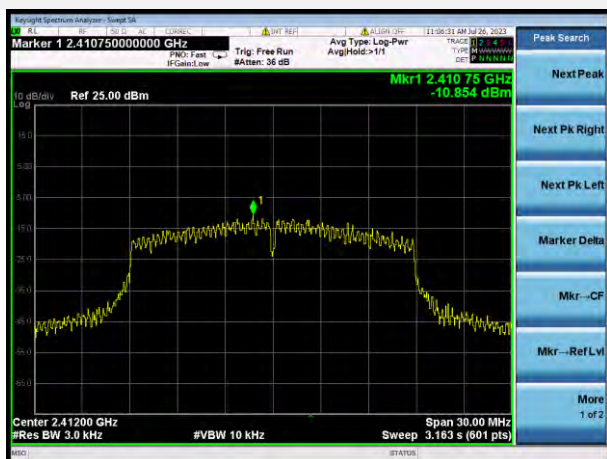
802.11g MIDDLE CHANNEL



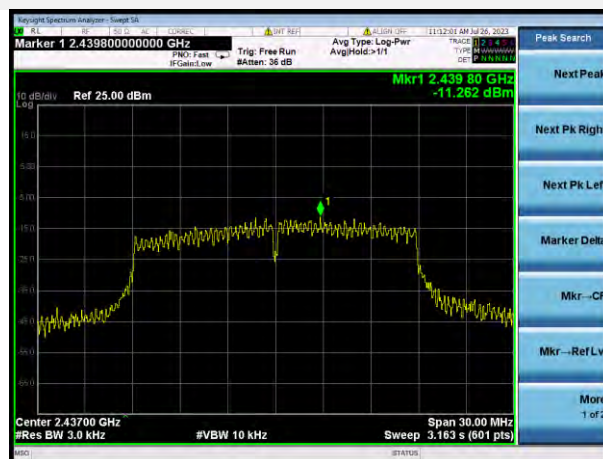
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



Aux. Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



802.11g LOW CHANNEL



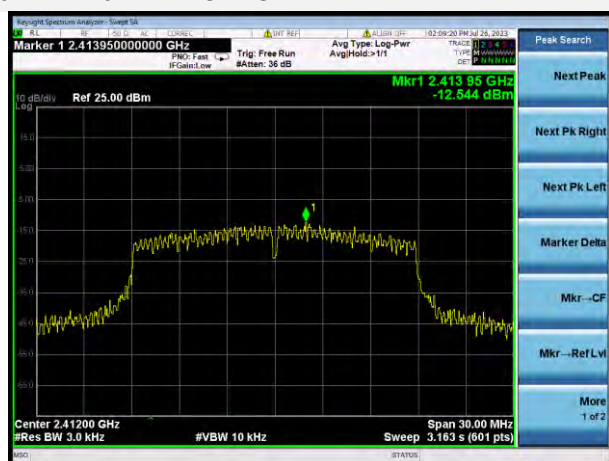
802.11g MIDDLE CHANNEL



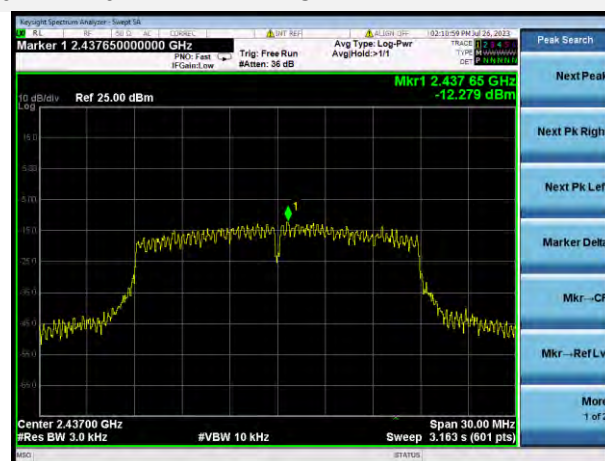
802.11g HIGH CHANNEL



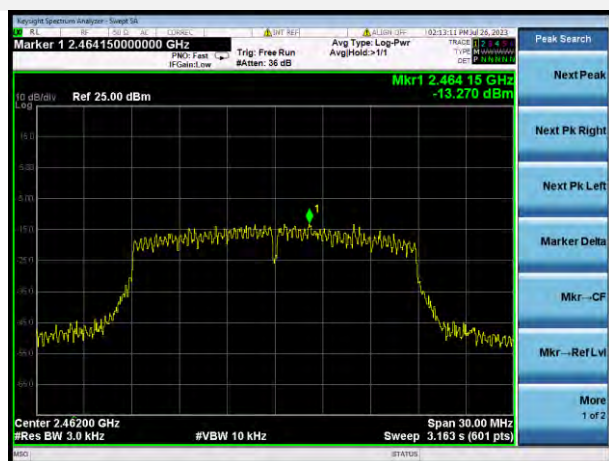
802.11n-20 MHz LOW CHANNEL



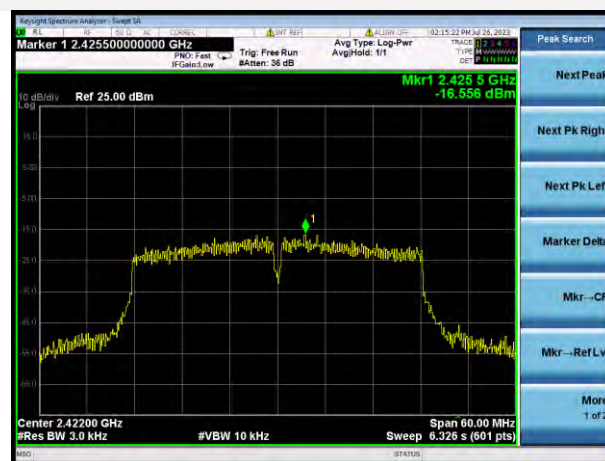
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



MIMO-Main Antenna

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



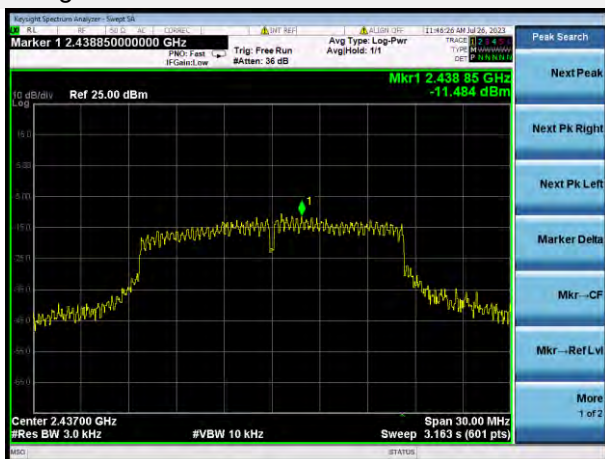
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



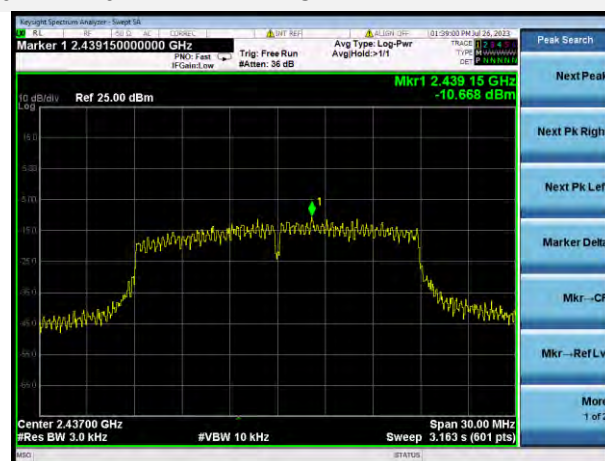
802.11g HIGH CHANNEL



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-Aux. Antenna

802.11b LOW CHANNEL



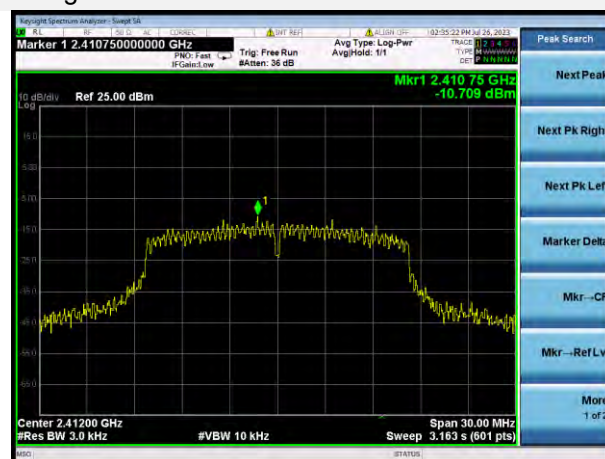
802.11b MIDDLE CHANNEL



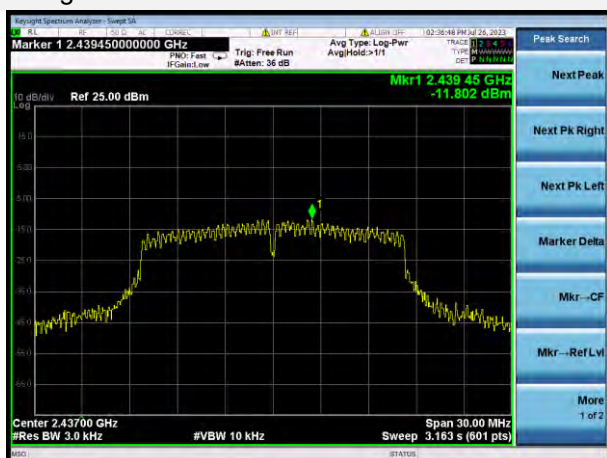
802.11b HIGH CHANNEL



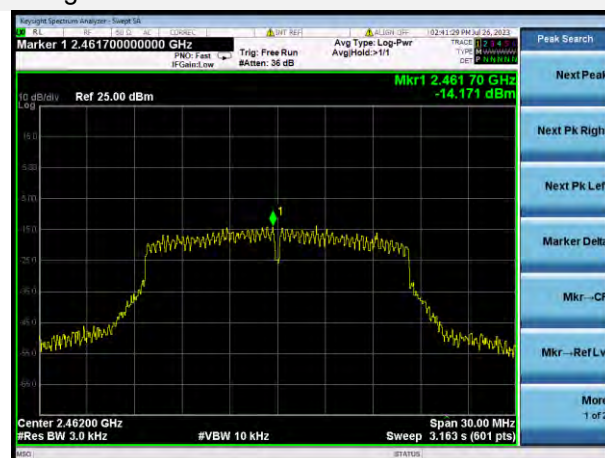
802.11g LOW CHANNEL



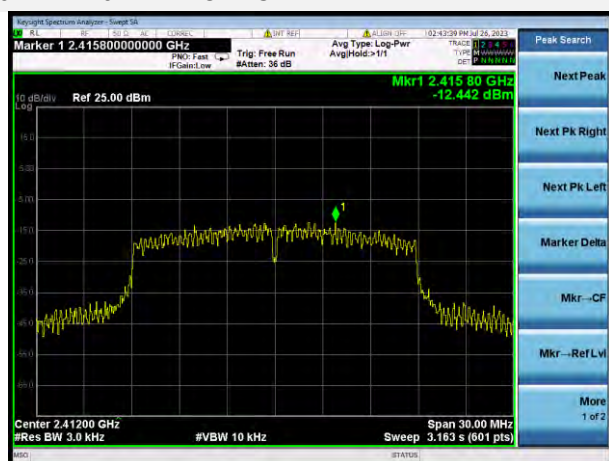
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



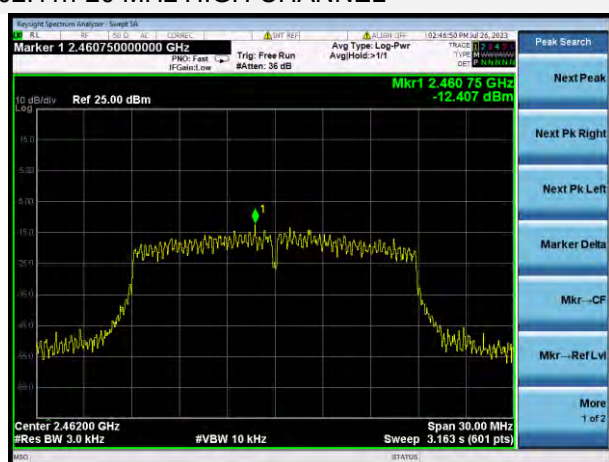
802.11n-20 MHz LOW CHANNEL



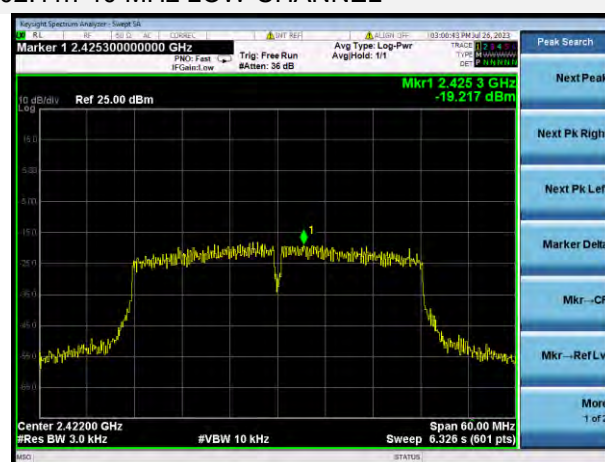
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



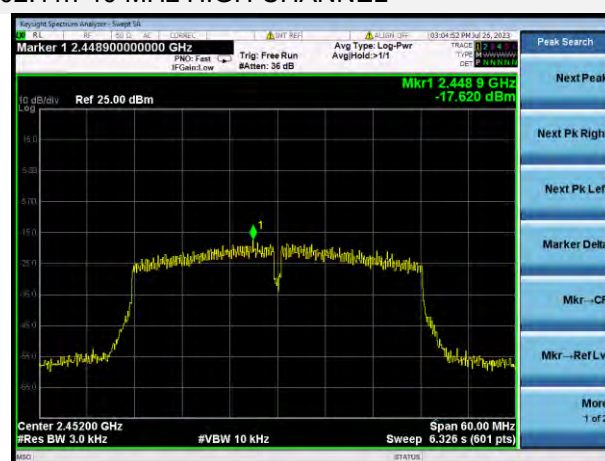
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2370759-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2370759-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2370759-AI.PDF”.

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