

SISO-Antenna 1

802.11b LOW CHANNEL, CARRIER LEVEL



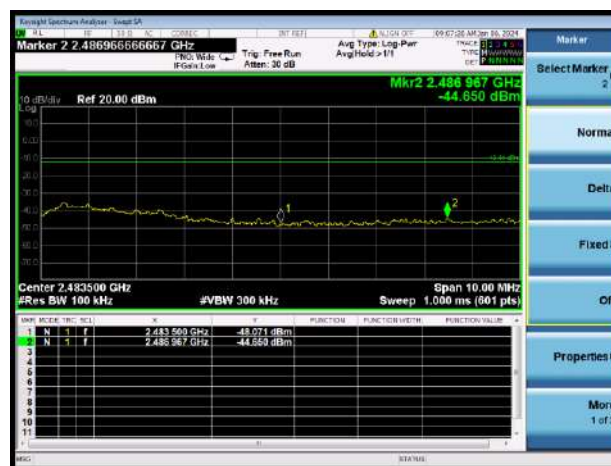
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



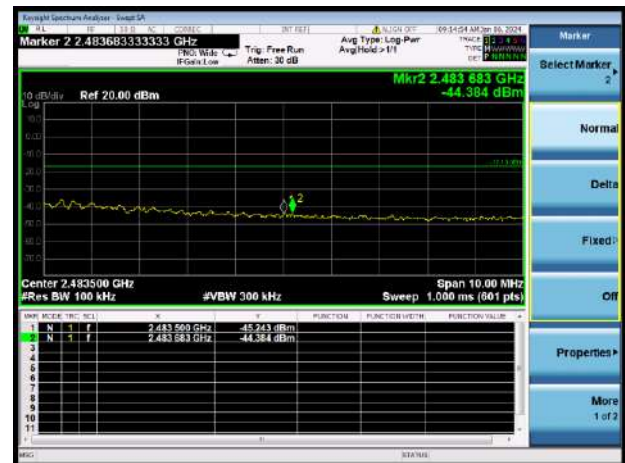
802.11g LOW CHANNEL, BAND EDGE



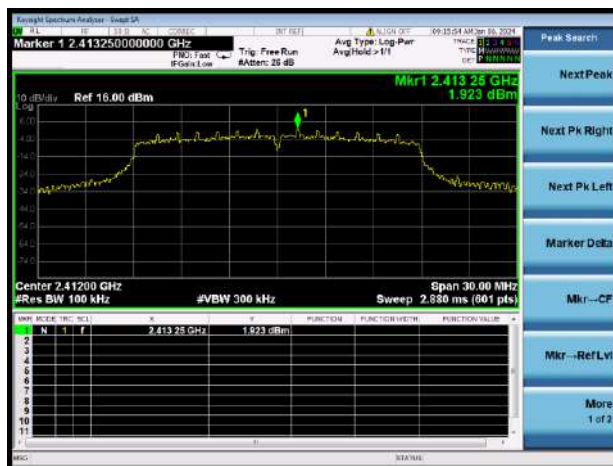
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



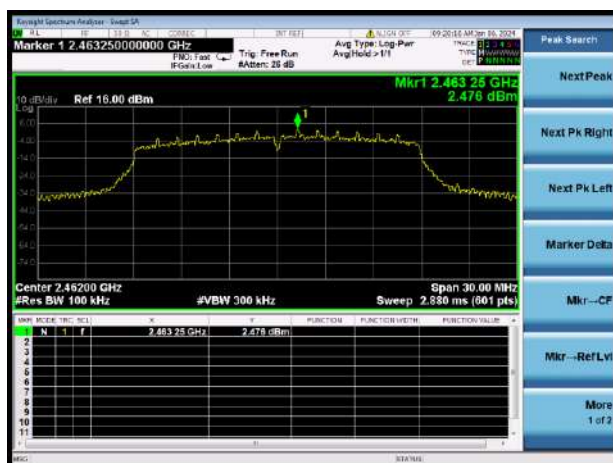
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



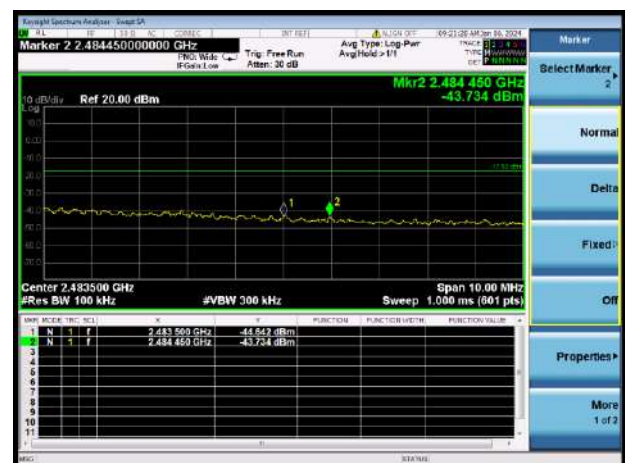
802.11n-20 MHz LOW CHANNEL, BAND EDGE



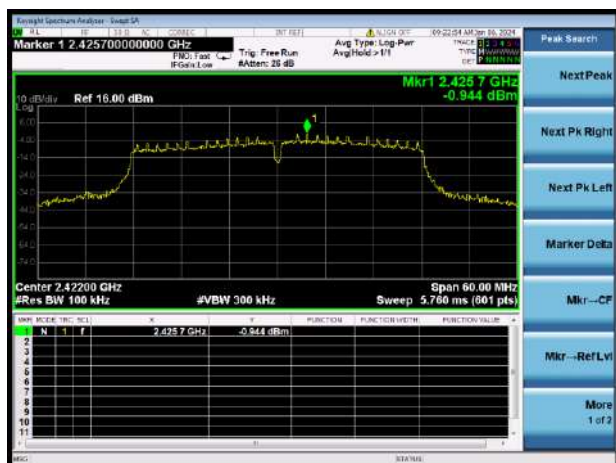
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



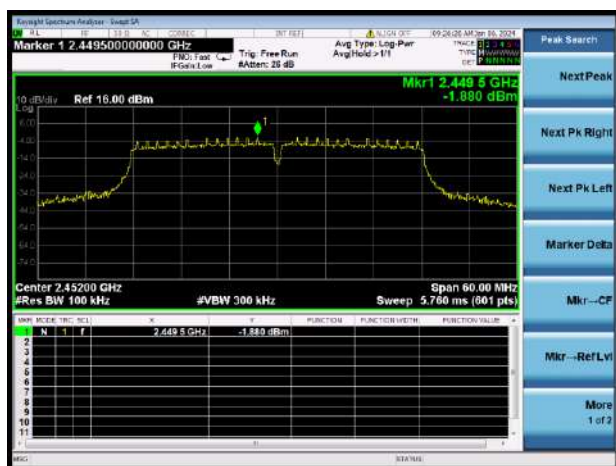
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



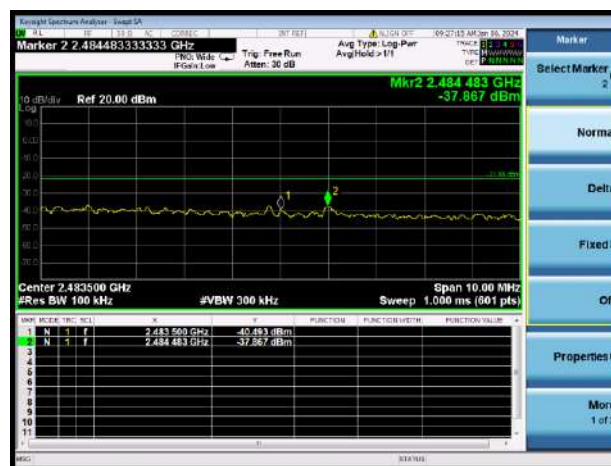
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Antenna 0

802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



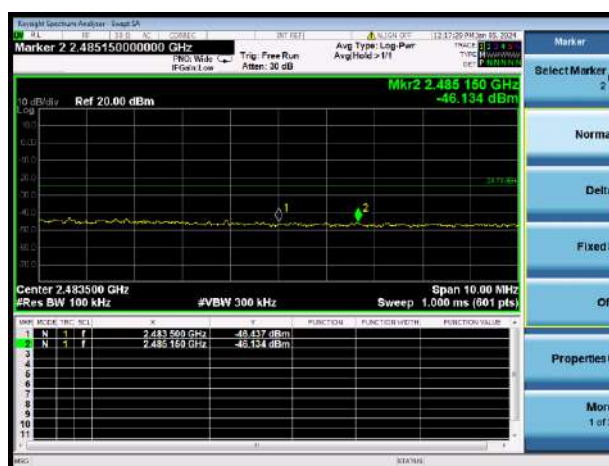
802.11n-20 MHz LOW CHANNEL, BAND EDGE



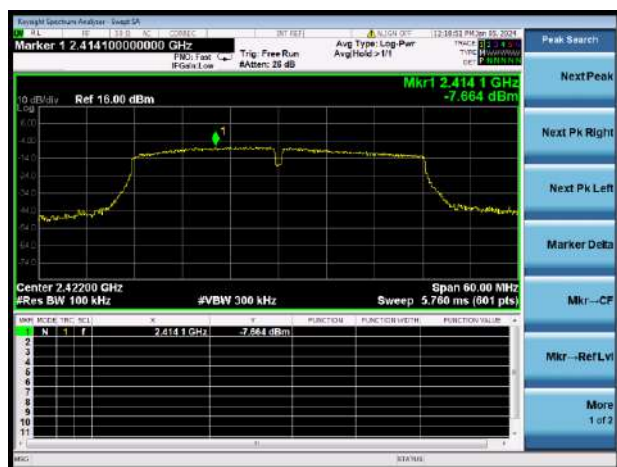
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



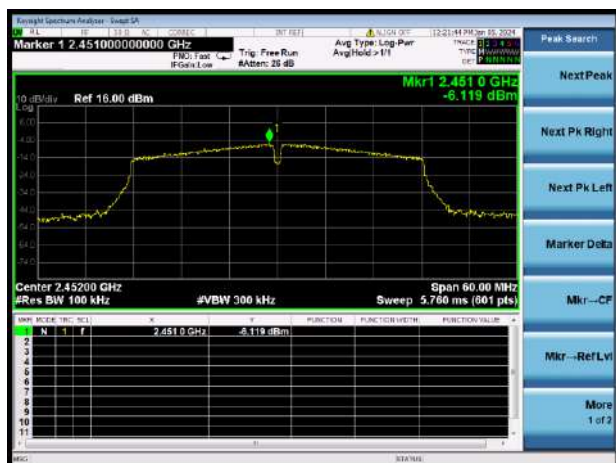
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



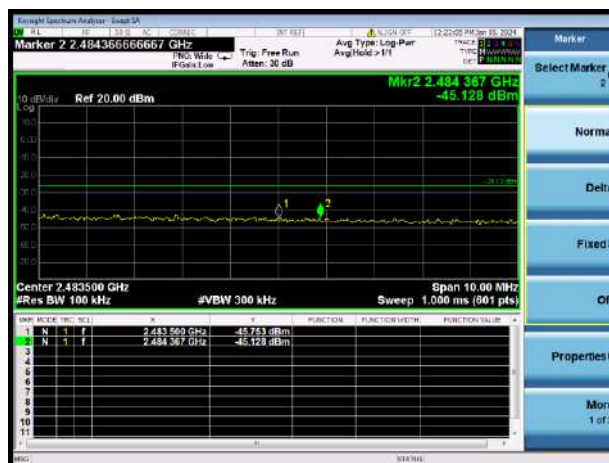
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL

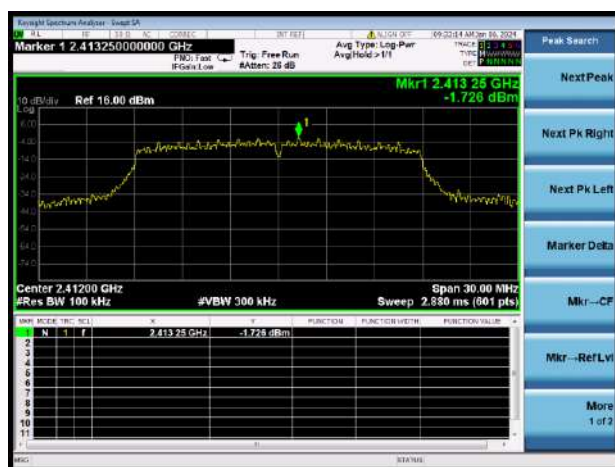


802.11n-40 MHz HIGH CHANNEL, BAND EDGE



MIMO-Antenna 1

802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



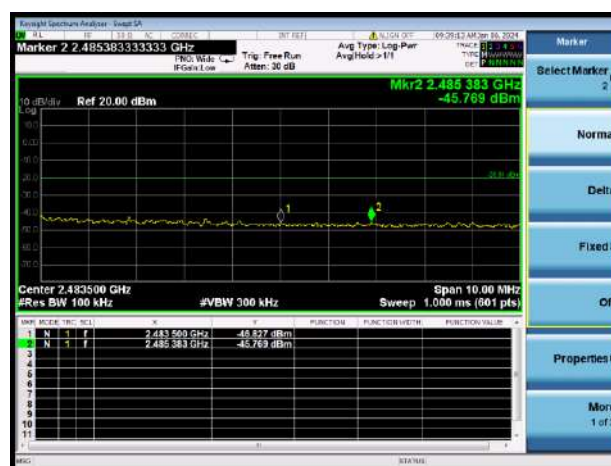
802.11n-20 MHz LOW CHANNEL, BAND EDGE



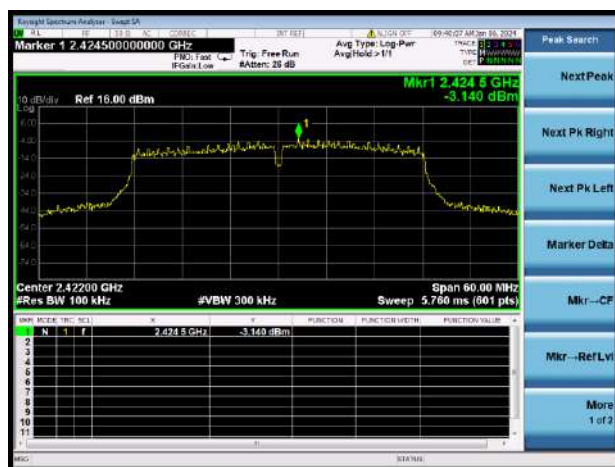
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



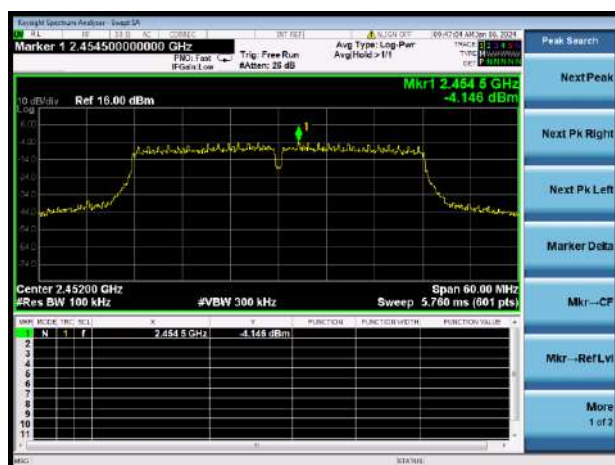
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



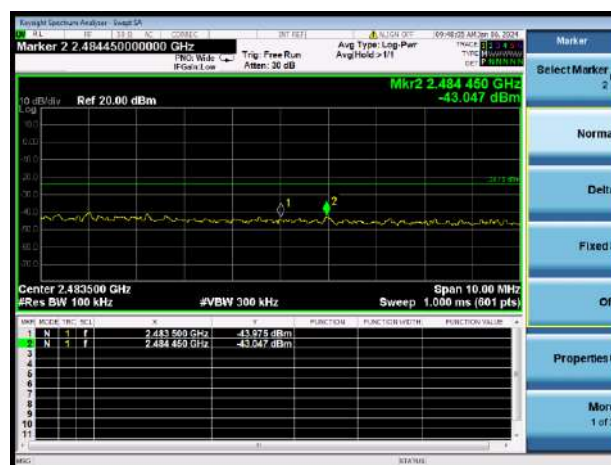
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



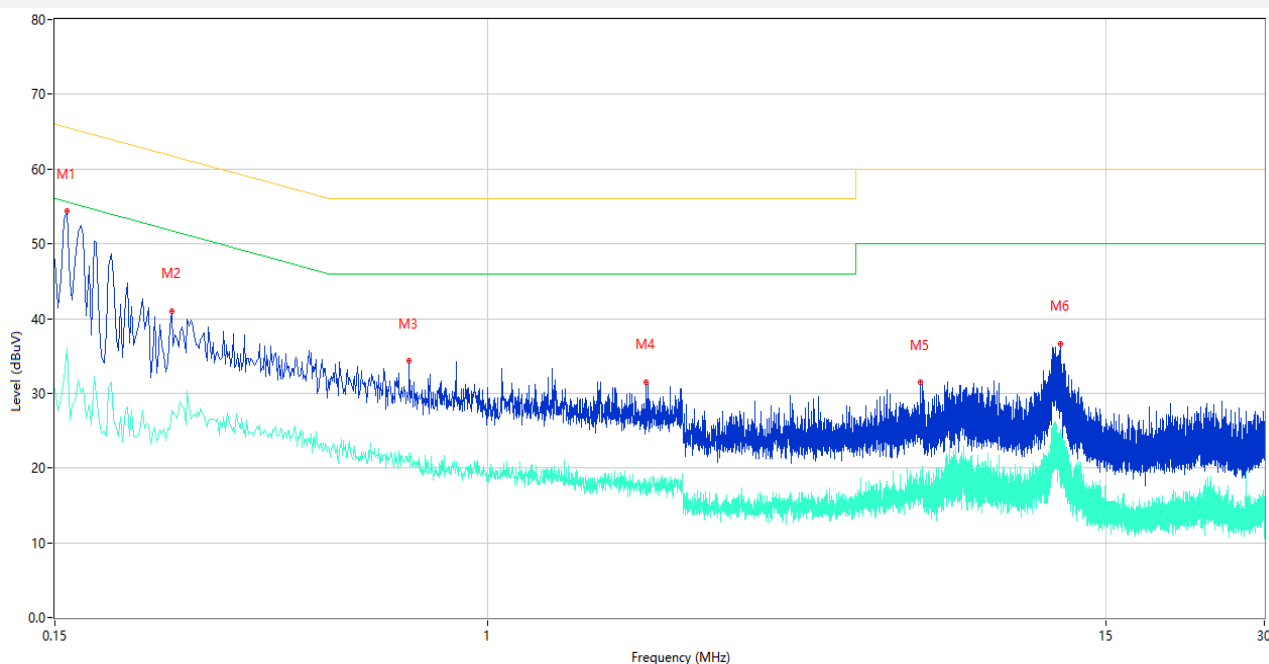
A.6 Conducted Emissions

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

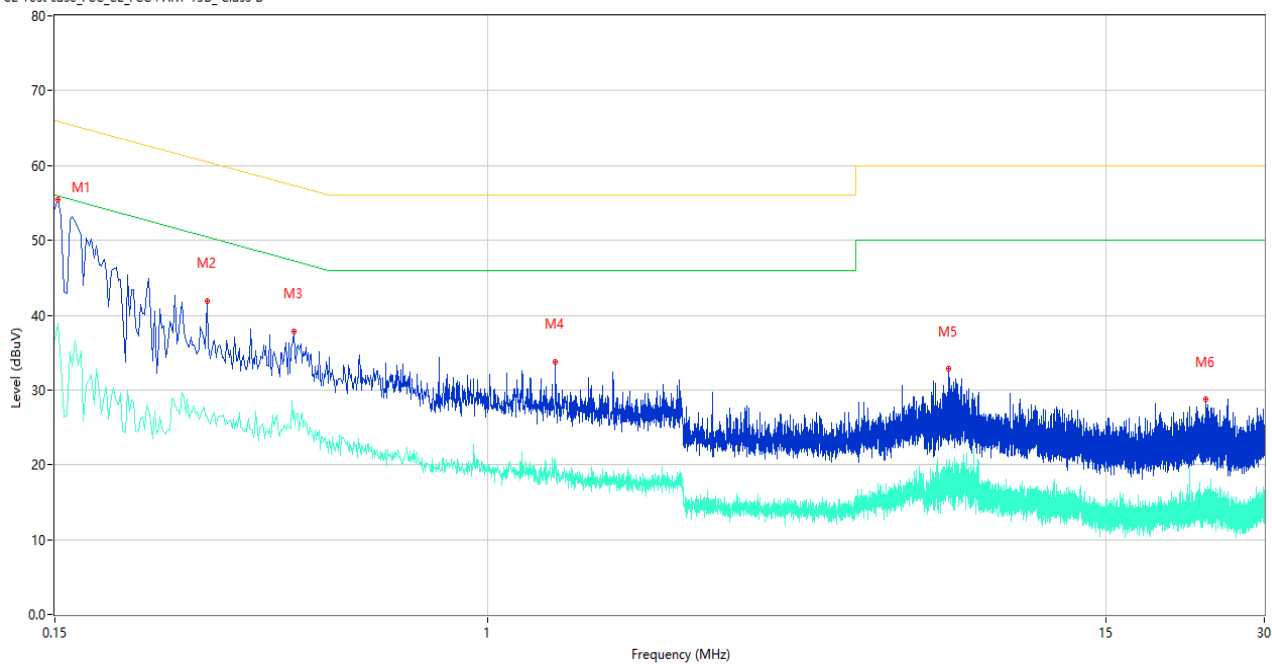
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	54.42	9.46	65.57	11.15	Peak	L	Pass
1**	0.158	36.06	9.46	55.57	19.51	AV	L	Pass
2	0.250	41.05	9.43	61.76	20.71	Peak	L	Pass
2**	0.250	27.74	9.43	51.76	24.02	AV	L	Pass
3	0.708	34.29	9.96	56.00	21.71	Peak	L	Pass
3**	0.708	21.93	9.96	46.00	24.07	AV	L	Pass
4	2.002	31.55	9.52	56.00	24.45	Peak	L	Pass
4**	2.002	16.54	9.52	46.00	29.46	AV	L	Pass
5	6.644	31.45	9.41	60.00	28.55	Peak	L	Pass
5**	6.644	16.49	9.41	50.00	33.51	AV	L	Pass
6	12.304	36.66	8.20	60.00	23.34	Peak	L	Pass
6**	12.304	25.13	8.20	50.00	24.87	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	55.45	9.47	65.89	10.44	Peak	N	Pass
1**	0.152	38.83	9.47	55.89	17.06	AV	N	Pass
2	0.292	41.96	9.43	60.47	18.51	Peak	N	Pass
2**	0.292	26.56	9.43	50.47	23.91	AV	N	Pass
3	0.428	37.89	9.97	57.29	19.40	Peak	N	Pass
3**	0.428	27.14	9.97	47.29	20.15	AV	N	Pass
4	1.342	33.82	9.76	56.00	22.18	Peak	N	Pass
4**	1.342	20.85	9.76	46.00	25.15	AV	N	Pass
5	7.520	32.87	9.14	60.00	27.13	Peak	N	Pass
5**	7.520	19.12	9.14	50.00	30.88	AV	N	Pass
6	23.222	28.75	6.71	60.00	31.25	Peak	N	Pass
6**	23.222	15.97	6.71	50.00	34.03	AV	N	Pass

A.7 Radiated Emission

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

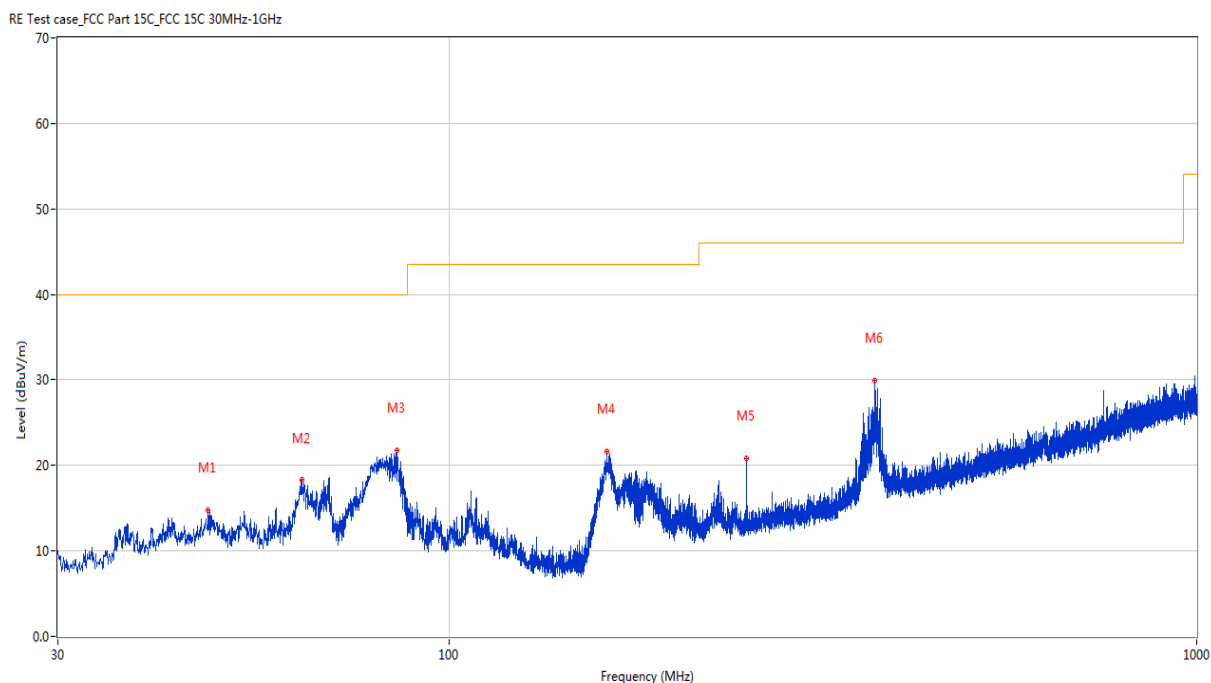
Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

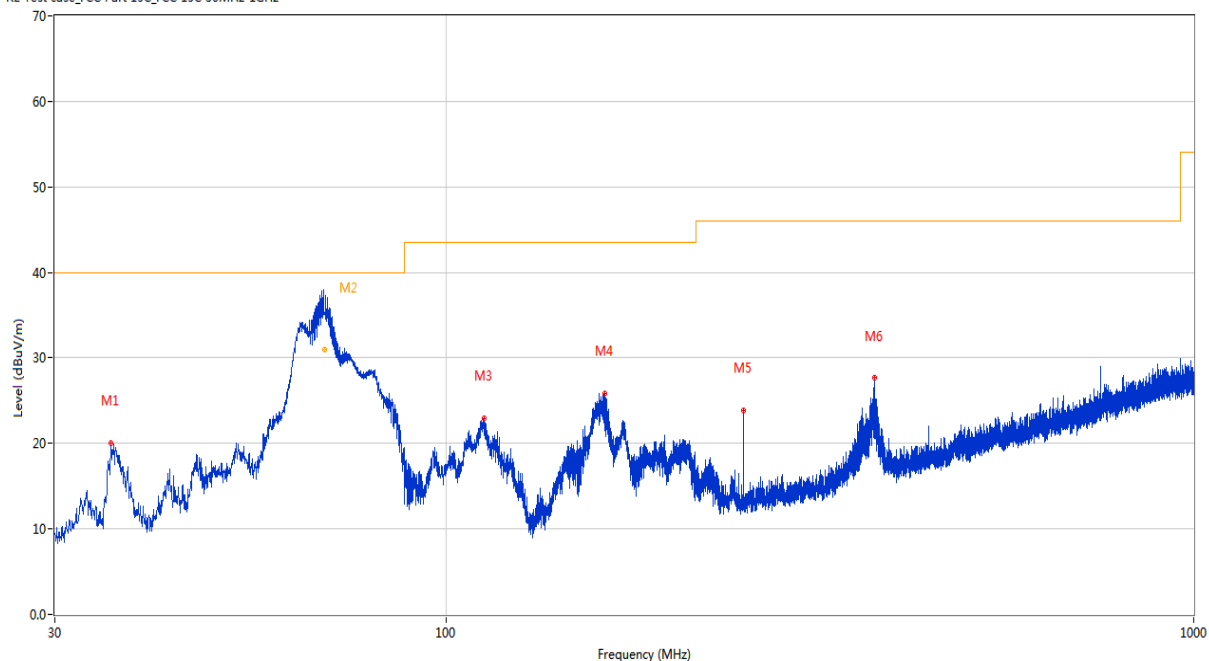
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.654	14.82	-22.72	40.0	25.18	Peak	148.10	100	Horizontal	Pass
2	63.562	18.26	-24.86	40.0	21.74	Peak	99.90	100	Horizontal	Pass
3	85.145	21.74	-27.48	40.0	18.26	Peak	201.00	200	Horizontal	Pass
4	162.745	21.64	-27.00	43.5	21.86	Peak	314.80	200	Horizontal	Pass
5	249.996	20.81	-22.91	46.0	25.19	Peak	122.90	200	Horizontal	Pass
6	370.955	29.95	-19.71	46.0	16.05	Peak	55.50	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.626	20.09	-25.18	40.0	19.91	Peak	93.20	100	Vertical	Pass
2	68.926	36.82	-26.21	40.0	3.18	Peak	10.60	104	Vertical	N/A
2*	68.926	30.92	-26.21	40.0	9.08	QP	10.60	104	Vertical	Pass
3	112.595	22.97	-24.42	43.5	20.53	Peak	234.90	100	Vertical	Pass
4	162.890	25.84	-26.98	43.5	17.66	Peak	270.30	100	Vertical	Pass
5	249.996	23.89	-22.91	46.0	22.11	Peak	176.80	200	Vertical	Pass
6	373.962	27.63	-19.14	46.0	18.37	Peak	2.60	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.

SISO-Antenna 0

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.200	41.93	-16.97	74.0	32.07	Peak	174.00	300	Horizontal	Pass
1**	1431.200	32.00	-16.97	54.0	22.00	AV	174.00	300	Horizontal	Pass
2	2413.100	102.83	-10.34	74.0	-28.83	Peak	43.00	150	Horizontal	N/A
2**	2413.100	99.84	-10.34	54.0	-45.84	AV	43.00	150	Horizontal	N/A
3	4824.250	49.34	-3.48	74.0	24.66	Peak	134.00	150	Horizontal	Pass
3**	4824.250	43.41	-3.48	54.0	10.59	AV	134.00	150	Horizontal	Pass
4	7360.000	52.95	0.78	74.0	21.05	Peak	239.00	400	Horizontal	Pass
4**	7360.000	44.27	0.78	54.0	9.73	AV	239.00	400	Horizontal	Pass
5	11785.275	52.19	-0.16	74.0	21.81	Peak	103.00	100	Horizontal	Pass
5**	11785.275	42.89	-0.16	54.0	11.11	AV	103.00	100	Horizontal	Pass
6	16421.063	53.82	2.89	74.0	20.18	Peak	324.00	200	Horizontal	Pass
6**	16421.063	45.04	2.89	54.0	8.96	AV	324.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	43.24	-16.93	74.0	30.76	Peak	339.00	200	Vertical	Pass
1**	1330.000	32.14	-16.93	54.0	21.86	AV	339.00	200	Vertical	Pass
2	2414.200	104.09	-10.12	74.0	-30.09	Peak	206.00	200	Vertical	N/A
2**	2414.200	101.44	-10.12	54.0	-47.44	AV	206.00	200	Vertical	N/A
3	4995.750	50.60	-3.27	74.0	23.40	Peak	10.00	150	Vertical	Pass
3**	4995.750	45.76	-3.27	54.0	8.24	AV	10.00	150	Vertical	Pass
4	7765.750	53.88	1.51	74.0	20.12	Peak	360.00	200	Vertical	Pass
4**	7765.750	43.91	1.51	54.0	10.09	AV	360.00	200	Vertical	Pass
5	11785.037	52.51	-0.16	74.0	21.49	Peak	177.00	100	Vertical	Pass
5**	11785.037	42.49	-0.16	54.0	11.51	AV	177.00	100	Vertical	Pass
6	17326.426	54.05	2.88	74.0	19.95	Peak	356.00	400	Vertical	Pass
6**	17326.426	43.63	2.88	54.0	10.37	AV	356.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1401.700	42.42	-17.03	74.0	31.58	Peak	357.00	100	Horizontal	Pass
1**	1401.700	32.48	-17.03	54.0	21.52	AV	357.00	100	Horizontal	Pass
2	2437.900	102.66	-10.33	74.0	-28.66	Peak	35.00	150	Horizontal	N/A
2**	2437.900	99.91	-10.33	54.0	-45.91	AV	35.00	150	Horizontal	N/A
3	4874.250	48.80	-3.48	74.0	25.20	Peak	36.00	150	Horizontal	Pass
3**	4874.250	43.94	-3.48	54.0	10.06	AV	36.00	150	Horizontal	Pass
4	7841.750	53.04	1.43	74.0	20.96	Peak	184.00	100	Horizontal	Pass
4**	7841.750	44.39	1.43	54.0	9.61	AV	184.00	100	Horizontal	Pass
5	11798.813	52.19	-0.15	74.0	21.81	Peak	256.00	400	Horizontal	Pass
5**	11798.813	43.30	-0.15	54.0	10.70	AV	256.00	400	Horizontal	Pass
6	16418.699	53.79	2.92	74.0	20.21	Peak	269.00	100	Horizontal	Pass
6**	16418.699	45.30	2.92	54.0	8.70	AV	269.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	43.89	-17.03	74.0	30.11	Peak	322.00	100	Vertical	Pass
1**	1330.200	32.22	-17.03	54.0	21.78	AV	322.00	100	Vertical	Pass
2	2434.000	105.95	-10.27	74.0	-31.95	Peak	232.00	100	Vertical	N/A
2**	2434.000	103.18	-10.27	54.0	-49.18	AV	232.00	100	Vertical	N/A
3	4999.500	49.73	-3.20	74.0	24.27	Peak	14.00	150	Vertical	Pass
3**	4999.500	44.84	-3.20	54.0	9.16	AV	14.00	150	Vertical	Pass
4	7465.250	53.05	0.21	74.0	20.95	Peak	135.00	200	Vertical	Pass
4**	7465.250	43.42	0.21	54.0	10.58	AV	135.00	200	Vertical	Pass
5	11790.975	51.87	-0.15	74.0	22.13	Peak	134.00	400	Vertical	Pass
5**	11790.975	43.60	-0.15	54.0	10.40	AV	134.00	400	Vertical	Pass
6	16410.563	54.92	3.03	74.0	19.08	Peak	175.00	200	Vertical	Pass
6**	16410.563	45.30	3.03	54.0	8.70	AV	175.00	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	1596.800	42.11	-17.10	74.0	31.89	Peak	234.00	400	Horizontal	Pass
1**	1596.800	32.53	-17.10	54.0	21.47	AV	234.00	400	Horizontal	Pass
2	2460.500	103.41	-11.29	74.0	-29.41	Peak	10.00	150	Horizontal	N/A
2**	2460.500	100.50	-11.29	54.0	-46.50	AV	10.00	150	Horizontal	N/A
3	4923.750	49.37	-3.66	74.0	24.63	Peak	135.00	200	Horizontal	Pass
3**	4923.750	40.29	-3.66	54.0	13.71	AV	135.00	200	Horizontal	Pass
4	7481.000	53.36	0.94	74.0	20.64	Peak	159.00	100	Horizontal	Pass
4**	7481.000	43.50	0.94	54.0	10.50	AV	159.00	100	Horizontal	Pass
5	11800.475	52.42	-0.15	74.0	21.58	Peak	349.00	200	Horizontal	Pass
5**	11800.475	42.61	-0.15	54.0	11.39	AV	349.00	200	Horizontal	Pass
6	16444.426	54.03	2.57	74.0	19.97	Peak	104.00	100	Horizontal	Pass
6**	16444.426	44.46	2.57	54.0	9.54	AV	104.00	100	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	1328.400	43.04	-17.09	74.0	30.96	Peak	317.00	400	Vertical	Pass
1**	1328.400	34.02	-17.09	54.0	19.98	AV	317.00	400	Vertical	Pass
2	2460.500	106.55	-11.29	74.0	-32.55	Peak	232.00	200	Vertical	N/A
2**	2460.500	103.68	-11.29	54.0	-49.68	AV	232.00	200	Vertical	N/A
3	4999.250	49.31	-3.28	74.0	24.69	Peak	360.00	200	Vertical	Pass
3**	4999.250	44.05	-3.28	54.0	9.95	AV	360.00	200	Vertical	Pass
4	7929.250	53.14	2.13	74.0	20.86	Peak	342.00	200	Vertical	Pass
4**	7929.250	43.80	2.13	54.0	10.20	AV	342.00	200	Vertical	Pass
5	11783.137	51.91	-0.16	74.0	22.09	Peak	166.00	400	Vertical	Pass
5**	11783.137	42.95	-0.16	54.0	11.05	AV	166.00	400	Vertical	Pass
6	17270.776	54.01	2.52	74.0	19.99	Peak	360.00	300	Vertical	Pass
6**	17270.776	43.89	2.52	54.0	10.11	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.800	42.25	-16.74	74.0	31.75	Peak	225.00	200	Horizontal	Pass
1**	1581.800	33.32	-16.74	54.0	20.68	AV	225.00	200	Horizontal	Pass
2	2419.200	104.40	-10.03	74.0	-30.40	Peak	360.00	200	Horizontal	N/A
2**	2419.200	97.48	-10.03	54.0	-43.48	AV	360.00	200	Horizontal	N/A
3	4988.250	48.72	-3.44	74.0	25.28	Peak	54.00	150	Horizontal	Pass
3**	4988.250	40.47	-3.44	54.0	13.53	AV	54.00	150	Horizontal	Pass
4	7724.500	52.94	0.71	74.0	21.06	Peak	352.00	400	Horizontal	Pass
4**	7724.500	43.10	0.71	54.0	10.90	AV	352.00	400	Horizontal	Pass
5	12279.987	52.47	0.77	74.0	21.53	Peak	203.00	300	Horizontal	Pass
5**	12279.987	41.85	0.77	54.0	12.15	AV	203.00	300	Horizontal	Pass
6	16868.363	53.68	3.25	74.0	20.32	Peak	341.00	200	Horizontal	Pass
6**	16868.363	44.50	3.25	54.0	9.50	AV	341.00	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	1333.300	44.34	-17.11	74.0	29.66	Peak	220.00	100	Vertical	Pass
1**	1333.300	35.49	-17.11	54.0	18.51	AV	220.00	100	Vertical	Pass
2	2416.400	107.80	-10.23	74.0	-33.80	Peak	201.00	150	Vertical	N/A
2**	2416.400	100.31	-10.23	54.0	-46.31	AV	201.00	150	Vertical	N/A
3	4996.000	49.02	-3.41	74.0	24.98	Peak	0.00	0	Vertical	Pass
3**	4996.000	44.69	-3.41	54.0	9.31	AV	0.00	0	Vertical	Pass
4	7870.000	53.04	1.42	74.0	20.96	Peak	250.00	300	Vertical	Pass
4**	7870.000	44.17	1.42	54.0	9.83	AV	250.00	300	Vertical	Pass
5	12423.437	51.79	1.07	74.0	22.21	Peak	67.00	300	Vertical	Pass
5**	12423.437	41.75	1.07	54.0	12.25	AV	67.00	300	Vertical	Pass
6	16403.474	54.70	3.12	74.0	19.30	Peak	325.00	100	Vertical	Pass
6**	16403.474	45.47	3.12	54.0	8.53	AV	325.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.900	42.62	-16.88	74.0	31.38	Peak	52.00	300	Horizontal	Pass
1**	1509.900	33.08	-16.88	54.0	20.92	AV	52.00	300	Horizontal	Pass
2	2435.000	103.94	-10.28	74.0	-29.94	Peak	197.00	150	Horizontal	N/A
2**	2435.000	96.74	-10.28	54.0	-42.74	AV	197.00	150	Horizontal	N/A
3	4954.000	48.89	-3.46	74.0	25.11	Peak	28.00	100	Horizontal	Pass
3**	4954.000	40.87	-3.46	54.0	13.13	AV	28.00	100	Horizontal	Pass
4	7753.750	53.57	1.12	74.0	20.43	Peak	0.00	400	Horizontal	Pass
4**	7753.750	44.87	1.12	54.0	9.13	AV	0.00	400	Horizontal	Pass
5	12053.650	51.66	-0.21	74.0	22.34	Peak	283.00	100	Horizontal	Pass
5**	12053.650	42.17	-0.21	54.0	11.83	AV	283.00	100	Horizontal	Pass
6	16440.750	53.87	2.62	74.0	20.13	Peak	288.00	300	Horizontal	Pass
6**	16440.750	44.14	2.62	54.0	9.86	AV	288.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	42.08	-16.84	74.0	31.92	Peak	227.00	400	Vertical	Pass
1**	1329.800	33.96	-16.84	54.0	20.04	AV	227.00	400	Vertical	Pass
2	2435.500	106.71	-10.16	74.0	-32.71	Peak	246.00	150	Vertical	N/A
2**	2435.500	98.88	-10.16	54.0	-44.88	AV	246.00	150	Vertical	N/A
3	4996.000	50.81	-3.41	74.0	23.19	Peak	0.00	100	Vertical	Pass
3**	4996.000	43.51	-3.41	54.0	10.49	AV	0.00	100	Vertical	Pass
4	7708.500	53.03	1.84	74.0	20.97	Peak	112.00	100	Vertical	Pass
4**	7708.500	43.79	1.84	54.0	10.21	AV	112.00	100	Vertical	Pass
5	11772.687	51.99	-0.17	74.0	22.01	Peak	169.00	100	Vertical	Pass
5**	11772.687	42.50	-0.17	54.0	11.50	AV	169.00	100	Vertical	Pass
6	16882.537	54.11	3.01	74.0	19.89	Peak	50.00	200	Vertical	Pass
6**	16882.537	44.82	3.01	54.0	9.18	AV	50.00	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	1487.000	42.62	-16.97	74.0	31.38	Peak	146.00	300	Horizontal	Pass
1**	1487.000	33.28	-16.97	54.0	20.72	AV	146.00	300	Horizontal	Pass
2	2460.200	105.51	-11.27	74.0	-31.51	Peak	200.00	100	Horizontal	N/A
2**	2460.200	98.91	-11.27	54.0	-44.91	AV	200.00	100	Horizontal	N/A
3	4987.000	49.61	-3.07	74.0	24.39	Peak	344.00	200	Horizontal	Pass
3**	4987.000	40.05	-3.07	54.0	13.95	AV	344.00	200	Horizontal	Pass
4	7769.750	53.72	1.44	74.0	20.28	Peak	67.00	200	Horizontal	Pass
4**	7769.750	43.43	1.44	54.0	10.57	AV	67.00	200	Horizontal	Pass
5	11783.612	51.97	-0.16	74.0	22.03	Peak	284.00	300	Horizontal	Pass
5**	11783.612	43.19	-0.16	54.0	10.81	AV	284.00	300	Horizontal	Pass
6	16438.125	54.17	2.66	74.0	19.83	Peak	190.00	300	Horizontal	Pass
6**	16438.125	44.84	2.66	54.0	9.16	AV	190.00	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	1418.700	41.99	-17.16	74.0	32.01	Peak	23.00	300	Vertical	Pass
1**	1418.700	32.30	-17.16	54.0	21.70	AV	23.00	300	Vertical	Pass
2	2460.300	107.14	-11.28	74.0	-33.14	Peak	253.00	100	Vertical	N/A
2**	2460.300	99.73	-11.28	54.0	-45.73	AV	253.00	100	Vertical	N/A
3	4998.000	50.43	-3.45	74.0	23.57	Peak	3.00	200	Vertical	Pass
3**	4998.000	43.41	-3.45	54.0	10.59	AV	3.00	200	Vertical	Pass
4	7758.250	53.13	1.30	74.0	20.87	Peak	360.00	200	Vertical	Pass
4**	7758.250	44.53	1.30	54.0	9.47	AV	360.00	200	Vertical	Pass
5	11554.662	51.99	-1.18	74.0	22.01	Peak	154.00	200	Vertical	Pass
5**	11554.662	41.48	-1.18	54.0	12.52	AV	154.00	200	Vertical	Pass
6	16427.887	54.20	2.79	74.0	19.80	Peak	44.00	200	Vertical	Pass
6**	16427.887	45.51	2.79	54.0	8.49	AV	44.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.900	42.63	-16.72	74.0	31.37	Peak	108.00	400	Horizontal	Pass
1**	1480.900	33.58	-16.72	54.0	20.42	AV	108.00	400	Horizontal	Pass
2	2419.500	102.11	-9.96	74.0	-28.11	Peak	116.00	200	Horizontal	N/A
2**	2419.500	95.10	-9.96	54.0	-41.10	AV	116.00	200	Horizontal	N/A
3	4995.000	49.52	-3.29	74.0	24.48	Peak	0.00	150	Horizontal	Pass
3**	4995.000	40.08	-3.29	54.0	13.92	AV	0.00	150	Horizontal	Pass
4	7771.750	53.53	1.36	74.0	20.47	Peak	229.00	300	Horizontal	Pass
4**	7771.750	44.17	1.36	54.0	9.83	AV	229.00	300	Horizontal	Pass
5	12515.112	52.33	1.35	74.0	21.67	Peak	297.00	400	Horizontal	Pass
5**	12515.112	42.00	1.35	54.0	12.00	AV	297.00	400	Horizontal	Pass
6	16420.537	54.89	2.89	74.0	19.11	Peak	325.00	100	Horizontal	Pass
6**	16420.537	44.96	2.89	54.0	9.04	AV	325.00	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	1327.000	42.67	-17.16	74.0	31.33	Peak	322.00	100	Vertical	Pass
1**	1327.000	33.53	-17.16	54.0	20.47	AV	322.00	100	Vertical	Pass
2	2419.300	105.90	-9.92	74.0	-31.90	Peak	201.00	100	Vertical	N/A
2**	2419.300	99.04	-9.92	54.0	-45.04	AV	201.00	100	Vertical	N/A
3	4995.500	51.08	-3.18	74.0	22.92	Peak	360.00	150	Vertical	Pass
3**	4995.500	43.80	-3.18	54.0	10.20	AV	360.00	150	Vertical	Pass
4	7724.250	52.95	0.69	74.0	21.05	Peak	60.00	200	Vertical	Pass
4**	7724.250	42.81	0.69	54.0	11.19	AV	60.00	200	Vertical	Pass
5	12517.488	52.24	1.34	74.0	21.76	Peak	180.00	400	Vertical	Pass
5**	12517.488	43.64	1.34	54.0	10.36	AV	180.00	400	Vertical	Pass
6	16433.401	54.20	2.72	74.0	19.80	Peak	349.00	400	Vertical	Pass
6**	16433.401	44.65	2.72	54.0	9.35	AV	349.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.400	42.31	-17.10	74.0	31.69	Peak	244.00	200	Horizontal	Pass
1**	1599.400	33.08	-17.10	54.0	20.92	AV	244.00	200	Horizontal	Pass
2	2435.100	105.92	-10.26	74.0	-31.92	Peak	200.00	200	Horizontal	N/A
2**	2435.100	98.39	-10.26	54.0	-44.39	AV	200.00	200	Horizontal	N/A
3	4990.750	50.04	-3.15	74.0	23.96	Peak	344.00	100	Horizontal	Pass
3**	4990.750	39.46	-3.15	54.0	14.54	AV	344.00	100	Horizontal	Pass
4	7294.250	53.38	-0.26	74.0	20.62	Peak	134.00	400	Horizontal	Pass
4**	7294.250	43.27	-0.26	54.0	10.73	AV	134.00	400	Horizontal	Pass
5	12029.187	51.98	0.07	74.0	22.02	Peak	215.00	200	Horizontal	Pass
5**	12029.187	41.76	0.07	54.0	12.24	AV	215.00	200	Horizontal	Pass
6	17325.638	53.70	2.87	74.0	20.30	Peak	326.00	200	Horizontal	Pass
6**	17325.638	44.43	2.87	54.0	9.57	AV	326.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.500	43.10	-17.00	74.0	30.90	Peak	320.00	400	Vertical	Pass
1**	1471.500	32.39	-17.00	54.0	21.61	AV	320.00	400	Vertical	Pass
2	2435.200	105.07	-10.22	74.0	-31.07	Peak	247.00	100	Vertical	N/A
2**	2435.200	98.24	-10.22	54.0	-44.24	AV	247.00	100	Vertical	N/A
3	4999.500	50.06	-3.20	74.0	23.94	Peak	360.00	200	Vertical	Pass
3**	4999.500	42.74	-3.20	54.0	11.26	AV	360.00	200	Vertical	Pass
4	7755.250	53.42	0.92	74.0	20.58	Peak	343.00	400	Vertical	Pass
4**	7755.250	45.19	0.92	54.0	8.81	AV	343.00	400	Vertical	Pass
5	11787.888	52.19	-0.16	74.0	21.81	Peak	215.00	400	Vertical	Pass
5**	11787.888	43.73	-0.16	54.0	10.27	AV	215.00	400	Vertical	Pass
6	16406.100	53.70	3.09	74.0	20.30	Peak	47.00	400	Vertical	Pass
6**	16406.100	44.54	3.09	54.0	9.46	AV	47.00	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	1386.400	42.16	-17.18	74.0	31.84	Peak	45.00	100	Horizontal	Pass
1**	1386.400	33.09	-17.18	54.0	20.91	AV	45.00	100	Horizontal	Pass
2	2461.400	104.06	-11.44	74.0	-30.06	Peak	195.00	150	Horizontal	N/A
2**	2461.400	97.08	-11.44	54.0	-43.08	AV	195.00	150	Horizontal	N/A
3	4980.500	49.42	-3.34	74.0	24.58	Peak	360.00	200	Horizontal	Pass
3**	4980.500	39.83	-3.34	54.0	14.17	AV	360.00	200	Horizontal	Pass
4	7759.000	53.14	1.62	74.0	20.86	Peak	235.00	300	Horizontal	Pass
4**	7759.000	44.94	1.62	54.0	9.06	AV	235.00	300	Horizontal	Pass
5	11792.874	51.92	-0.15	74.0	22.08	Peak	137.00	100	Horizontal	Pass
5**	11792.874	42.95	-0.15	54.0	11.05	AV	137.00	100	Horizontal	Pass
6	17314.613	54.34	2.77	74.0	19.66	Peak	127.00	200	Horizontal	Pass
6**	17314.613	44.10	2.77	54.0	9.90	AV	127.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	43.28	-16.92	74.0	30.72	Peak	301.00	400	Vertical	Pass
1**	1331.600	34.32	-16.92	54.0	19.68	AV	301.00	400	Vertical	Pass
2	2460.200	103.95	-11.27	74.0	-29.95	Peak	247.00	200	Vertical	N/A
2**	2460.200	97.45	-11.27	54.0	-43.45	AV	247.00	200	Vertical	N/A
3	4995.250	51.06	-3.21	74.0	22.94	Peak	16.00	100	Vertical	Pass
3**	4995.250	43.91	-3.21	54.0	10.09	AV	16.00	100	Vertical	Pass
4	7818.000	53.59	1.39	74.0	20.41	Peak	279.00	300	Vertical	Pass
4**	7818.000	43.56	1.39	54.0	10.44	AV	279.00	300	Vertical	Pass
5	11775.062	51.68	-0.17	74.0	22.32	Peak	358.00	200	Vertical	Pass
5**	11775.062	42.56	-0.17	54.0	11.44	AV	358.00	200	Vertical	Pass
6	17288.624	53.89	2.59	74.0	20.11	Peak	48.00	400	Vertical	Pass
6**	17288.624	44.49	2.59	54.0	9.51	AV	48.00	400	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	1442.000	42.13	-16.92	74.0	31.87	Peak	125.00	400	Horizontal	Pass
1**	1442.000	32.68	-16.92	54.0	21.32	AV	125.00	400	Horizontal	Pass
2	2423.800	103.60	-10.30	74.0	-29.60	Peak	208.00	100	Horizontal	N/A
2**	2423.800	96.18	-10.30	54.0	-42.18	AV	208.00	100	Horizontal	N/A
3	4990.750	49.24	-3.15	74.0	24.76	Peak	49.00	200	Horizontal	Pass
3**	4990.750	40.20	-3.15	54.0	13.80	AV	49.00	200	Horizontal	Pass
4	7749.500	53.81	0.22	74.0	20.19	Peak	112.00	200	Horizontal	Pass
4**	7749.500	43.62	0.22	54.0	10.38	AV	112.00	200	Horizontal	Pass
5	11774.349	51.94	-0.17	74.0	22.06	Peak	351.00	300	Horizontal	Pass
5**	11774.349	42.51	-0.17	54.0	11.49	AV	351.00	300	Horizontal	Pass
6	16880.176	54.72	3.05	74.0	19.28	Peak	203.00	300	Horizontal	Pass
6**	16880.176	44.84	3.05	54.0	9.16	AV	203.00	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	1327.400	43.22	-16.99	74.0	30.78	Peak	317.00	100	Vertical	Pass
1**	1327.400	32.89	-16.99	54.0	21.11	AV	317.00	100	Vertical	Pass
2	2420.400	104.29	-10.26	74.0	-30.29	Peak	206.00	150	Vertical	N/A
2**	2420.400	96.56	-10.26	54.0	-42.56	AV	206.00	150	Vertical	N/A
3	4999.000	50.98	-3.36	74.0	23.02	Peak	1.00	100	Vertical	Pass
3**	4999.000	42.95	-3.36	54.0	11.05	AV	1.00	100	Vertical	Pass
4	7633.250	53.57	0.36	74.0	20.43	Peak	1.00	400	Vertical	Pass
4**	7633.250	43.87	0.36	54.0	10.13	AV	1.00	400	Vertical	Pass
5	11789.075	51.84	-0.16	74.0	22.16	Peak	77.00	300	Vertical	Pass
5**	11789.075	42.30	-0.16	54.0	11.70	AV	77.00	300	Vertical	Pass
6	16442.063	54.32	2.60	74.0	19.68	Peak	125.00	400	Vertical	Pass
6**	16442.063	44.36	2.60	54.0	9.64	AV	125.00	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	1296.200	42.47	-17.09	74.0	31.53	Peak	185.00	400	Horizontal	Pass
1**	1296.200	32.35	-17.09	54.0	21.65	AV	185.00	400	Horizontal	Pass
2	2423.000	101.91	-10.33	74.0	-27.91	Peak	154.00	100	Horizontal	N/A
2**	2423.000	93.99	-10.33	54.0	-39.99	AV	154.00	100	Horizontal	N/A
3	4978.500	49.70	-3.39	74.0	24.30	Peak	52.00	150	Horizontal	Pass
3**	4978.500	40.31	-3.39	54.0	13.69	AV	52.00	150	Horizontal	Pass
4	7740.250	53.72	0.39	74.0	20.28	Peak	0.00	400	Horizontal	Pass
4**	7740.250	44.05	0.39	54.0	9.95	AV	0.00	400	Horizontal	Pass
5	12322.263	51.84	0.68	74.0	22.16	Peak	120.00	200	Horizontal	Pass
5**	12322.263	42.21	0.68	54.0	11.79	AV	120.00	200	Horizontal	Pass
6	17307.525	54.06	2.70	74.0	19.94	Peak	162.00	100	Horizontal	Pass
6**	17307.525	44.79	2.70	54.0	9.21	AV	162.00	100	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	1328.100	43.66	-16.99	74.0	30.34	Peak	213.00	100	Vertical	Pass
1**	1328.100	34.35	-16.99	54.0	19.65	AV	213.00	100	Vertical	Pass
2	2423.100	103.23	-10.30	74.0	-29.23	Peak	205.00	200	Vertical	N/A
2**	2423.100	95.73	-10.30	54.0	-41.73	AV	205.00	200	Vertical	N/A
3	4995.500	51.45	-3.18	74.0	22.55	Peak	0.00	200	Vertical	Pass
3**	4995.500	44.39	-3.18	54.0	9.61	AV	0.00	200	Vertical	Pass
4	7820.750	53.52	1.14	74.0	20.48	Peak	38.00	300	Vertical	Pass
4**	7820.750	43.71	1.14	54.0	10.29	AV	38.00	300	Vertical	Pass
5	12518.674	51.80	1.33	74.0	22.20	Peak	349.00	100	Vertical	Pass
5**	12518.674	43.03	1.33	54.0	10.97	AV	349.00	100	Vertical	Pass
6	17308.574	54.59	2.71	74.0	19.41	Peak	80.00	400	Vertical	Pass
6**	17308.574	44.84	2.71	54.0	9.16	AV	80.00	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	1359.000	41.89	-17.12	74.0	32.11	Peak	195.00	300	Horizontal	Pass
1**	1359.000	32.21	-17.12	54.0	21.79	AV	195.00	300	Horizontal	Pass
2	2458.600	102.54	-11.20	74.0	-28.54	Peak	185.00	100	Horizontal	N/A
2**	2458.600	95.13	-11.20	54.0	-41.13	AV	185.00	100	Horizontal	N/A
3	4980.250	48.69	-3.29	74.0	25.31	Peak	0.00	200	Horizontal	Pass
3**	4980.250	40.67	-3.29	54.0	13.33	AV	0.00	200	Horizontal	Pass
4	7809.250	53.12	0.76	74.0	20.88	Peak	344.00	200	Horizontal	Pass
4**	7809.250	43.30	0.76	54.0	10.70	AV	344.00	200	Horizontal	Pass
5	12535.063	51.86	1.24	74.0	22.14	Peak	19.00	400	Horizontal	Pass
5**	12535.063	42.88	1.24	54.0	11.12	AV	19.00	400	Horizontal	Pass
6	16709.287	53.85	2.78	74.0	20.15	Peak	74.00	300	Horizontal	Pass
6**	16709.287	43.89	2.78	54.0	10.11	AV	74.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	43.58	-17.14	74.0	30.42	Peak	229.00	200	Vertical	Pass
1**	1333.200	32.89	-17.14	54.0	21.11	AV	229.00	200	Vertical	Pass
2	2458.500	104.18	-11.21	74.0	-30.18	Peak	247.00	150	Vertical	N/A
2**	2458.500	96.88	-11.21	54.0	-42.88	AV	247.00	150	Vertical	N/A
3	4998.750	50.47	-3.37	74.0	23.53	Peak	0.00	200	Vertical	Pass
3**	4998.750	42.23	-3.37	54.0	11.77	AV	0.00	200	Vertical	Pass
4	7599.250	53.15	1.13	74.0	20.85	Peak	189.00	100	Vertical	Pass
4**	7599.250	43.16	1.13	54.0	10.84	AV	189.00	100	Vertical	Pass
5	11785.513	52.11	-0.16	74.0	21.89	Peak	163.00	200	Vertical	Pass
5**	11785.513	43.00	-0.16	54.0	11.00	AV	163.00	200	Vertical	Pass
6	16708.238	53.73	2.80	74.0	20.27	Peak	308.00	400	Vertical	Pass
6**	16708.238	43.94	2.80	54.0	10.06	AV	308.00	400	Vertical	Pass

SISO-Antenna 1**1 GHz to 18 GHz, ANT H 802.11b Low Channel**

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1378.400	43.61	-17.11	74.0	30.39	Peak	352.00	200	Horizontal	Pass
1**	1378.400	32.35	-17.11	54.0	21.65	AV	352.00	200	Horizontal	Pass
2	2410.600	94.53	-10.39	74.0	-20.53	Peak	201.00	100	Horizontal	N/A
2**	2410.600	91.54	-10.39	54.0	-37.54	AV	201.00	100	Horizontal	N/A
3	4993.000	49.47	-3.36	74.0	24.53	Peak	6.00	200	Horizontal	Pass
3**	4993.000	39.74	-3.36	54.0	14.26	AV	6.00	200	Horizontal	Pass
4	7770.250	53.24	1.43	74.0	20.76	Peak	105.00	200	Horizontal	Pass
4**	7770.250	43.94	1.43	54.0	10.06	AV	105.00	200	Horizontal	Pass
5	11800.950	52.04	-0.16	74.0	21.96	Peak	186.00	400	Horizontal	Pass
5**	11800.950	42.91	-0.16	54.0	11.09	AV	186.00	400	Horizontal	Pass
6	17457.150	54.00	5.44	74.0	20.00	Peak	186.00	300	Horizontal	Pass
6**	17457.150	44.36	5.44	54.0	9.64	AV	186.00	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	1331.400	43.72	-16.96	74.0	30.28	Peak	317.00	300	Vertical	Pass
1**	1331.400	34.32	-16.96	54.0	19.68	AV	317.00	300	Vertical	Pass
2	2410.700	99.08	-10.37	74.0	-25.08	Peak	108.00	150	Vertical	N/A
2**	2410.700	96.21	-10.37	54.0	-42.21	AV	108.00	150	Vertical	N/A
3	4996.250	51.50	-3.32	74.0	22.50	Peak	342.00	150	Vertical	Pass
3**	4996.250	43.38	-3.32	54.0	10.62	AV	342.00	150	Vertical	Pass
4	7926.500	53.20	1.77	74.0	20.80	Peak	236.00	400	Vertical	Pass
4**	7926.500	44.07	1.77	54.0	9.93	AV	236.00	400	Vertical	Pass
5	11815.675	51.95	-0.33	74.0	22.05	Peak	150.00	300	Vertical	Pass
5**	11815.675	42.24	-0.33	54.0	11.76	AV	150.00	300	Vertical	Pass
6	16847.363	54.46	3.46	74.0	19.54	Peak	30.00	200	Vertical	Pass
6**	16847.363	44.92	3.46	54.0	9.08	AV	30.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.700	41.89	-17.01	74.0	32.11	Peak	0.00	400	Horizontal	Pass
1**	1590.700	32.26	-17.01	54.0	21.74	AV	0.00	400	Horizontal	Pass
2	2438.400	99.27	-9.92	74.0	-25.27	Peak	187.00	100	Horizontal	N/A
2**	2438.400	96.42	-9.92	54.0	-42.42	AV	187.00	100	Horizontal	N/A
3	4983.500	49.05	-3.37	74.0	24.95	Peak	0.00	100	Horizontal	Pass
3**	4983.500	39.83	-3.37	54.0	14.17	AV	0.00	100	Horizontal	Pass
4	7734.500	53.39	0.14	74.0	20.61	Peak	45.00	400	Horizontal	Pass
4**	7734.500	42.84	0.14	54.0	11.16	AV	45.00	400	Horizontal	Pass
5	11772.925	51.87	-0.17	74.0	22.13	Peak	344.00	300	Horizontal	Pass
5**	11772.925	42.86	-0.17	54.0	11.14	AV	344.00	300	Horizontal	Pass
6	16809.301	53.86	1.86	74.0	20.14	Peak	13.00	100	Horizontal	Pass
6**	16809.301	44.27	1.86	54.0	9.73	AV	13.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.700	44.24	-17.12	74.0	29.76	Peak	227.00	400	Vertical	Pass
1**	1333.700	32.77	-17.12	54.0	21.23	AV	227.00	400	Vertical	Pass
2	2438.400	102.69	-9.92	74.0	-28.69	Peak	293.00	100	Vertical	N/A
2**	2438.400	99.83	-9.92	54.0	-45.83	AV	293.00	100	Vertical	N/A
3	4997.750	51.71	-3.49	74.0	22.29	Peak	0.00	200	Vertical	Pass
3**	4997.750	42.72	-3.49	54.0	11.28	AV	0.00	200	Vertical	Pass
4	7754.750	54.19	1.19	74.0	19.81	Peak	130.00	400	Vertical	Pass
4**	7754.750	44.79	1.19	54.0	9.21	AV	130.00	400	Vertical	Pass
5	12336.987	52.15	0.77	74.0	21.85	Peak	18.00	100	Vertical	Pass
5**	12336.987	43.40	0.77	54.0	10.60	AV	18.00	100	Vertical	Pass
6	16415.025	53.83	2.97	74.0	20.17	Peak	360.00	300	Vertical	Pass
6**	16415.025	45.12	2.97	54.0	8.88	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	1337.000	43.12	-17.08	74.0	30.88	Peak	166.00	200	Horizontal	Pass
1**	1337.000	32.46	-17.08	54.0	21.54	AV	166.00	200	Horizontal	Pass
2	2463.500	94.89	-11.26	74.0	-20.89	Peak	187.00	200	Horizontal	N/A
2**	2463.500	91.99	-11.26	54.0	-37.99	AV	187.00	200	Horizontal	N/A
3	4878.000	49.15	-3.48	74.0	24.85	Peak	28.00	200	Horizontal	Pass
3**	4878.000	39.33	-3.48	54.0	14.67	AV	28.00	200	Horizontal	Pass
4	7450.750	53.76	0.30	74.0	20.24	Peak	235.00	400	Horizontal	Pass
4**	7450.750	43.01	0.30	54.0	10.99	AV	235.00	400	Horizontal	Pass
5	11793.588	52.95	-0.15	74.0	21.05	Peak	123.00	300	Horizontal	Pass
5**	11793.588	43.16	-0.15	54.0	10.84	AV	123.00	300	Horizontal	Pass
6	16762.051	54.01	1.60	74.0	19.99	Peak	191.00	400	Horizontal	Pass
6**	16762.051	45.43	1.60	54.0	8.57	AV	191.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.400	43.52	-16.99	74.0	30.48	Peak	222.00	100	Vertical	Pass
1**	1327.400	36.25	-16.99	54.0	17.75	AV	222.00	100	Vertical	Pass
2	2463.600	97.83	-11.25	74.0	-23.83	Peak	105.00	150	Vertical	N/A
2**	2463.600	94.92	-11.25	54.0	-40.92	AV	105.00	150	Vertical	N/A
3	4995.750	51.69	-3.27	74.0	22.31	Peak	0.00	100	Vertical	Pass
3**	4995.750	43.69	-3.27	54.0	10.31	AV	0.00	100	Vertical	Pass
4	7757.500	53.44	1.47	74.0	20.56	Peak	295.00	100	Vertical	Pass
4**	7757.500	44.93	1.47	54.0	9.07	AV	295.00	100	Vertical	Pass
5	12416.550	51.88	1.08	74.0	22.12	Peak	0.00	400	Vertical	Pass
5**	12416.550	41.76	1.08	54.0	12.24	AV	0.00	400	Vertical	Pass
6	16413.712	54.17	2.98	74.0	19.83	Peak	33.00	400	Vertical	Pass
6**	16413.712	44.68	2.98	54.0	9.32	AV	33.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.400	42.59	-17.07	74.0	31.41	Peak	261.00	300	Horizontal	Pass
1**	1595.400	32.32	-17.07	54.0	21.68	AV	261.00	300	Horizontal	Pass
2	2406.100	95.45	-10.36	74.0	-21.45	Peak	344.00	150	Horizontal	N/A
2**	2406.100	87.52	-10.36	54.0	-33.52	AV	344.00	150	Horizontal	N/A
3	4907.750	49.03	-3.47	74.0	24.97	Peak	69.00	100	Horizontal	Pass
3**	4907.750	39.39	-3.47	54.0	14.61	AV	69.00	100	Horizontal	Pass
4	7362.250	53.45	0.76	74.0	20.55	Peak	235.00	100	Horizontal	Pass
4**	7362.250	44.16	0.76	54.0	9.84	AV	235.00	100	Horizontal	Pass
5	11790.262	51.73	-0.15	74.0	22.27	Peak	95.00	400	Horizontal	Pass
5**	11790.262	43.44	-0.15	54.0	10.56	AV	95.00	400	Horizontal	Pass
6	16873.088	53.97	3.17	74.0	20.03	Peak	127.00	400	Horizontal	Pass
6**	16873.088	44.80	3.17	54.0	9.20	AV	127.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	44.57	-16.94	74.0	29.43	Peak	319.00	200	Vertical	Pass
1**	1327.600	33.26	-16.94	54.0	20.74	AV	319.00	200	Vertical	Pass
2	2407.000	100.49	-10.45	74.0	-26.49	Peak	111.00	150	Vertical	N/A
2**	2407.000	93.64	-10.45	54.0	-39.64	AV	111.00	150	Vertical	N/A
3	4995.500	51.27	-3.18	74.0	22.73	Peak	0.00	200	Vertical	Pass
3**	4995.500	43.75	-3.18	54.0	10.25	AV	0.00	200	Vertical	Pass
4	7863.000	52.96	1.02	74.0	21.04	Peak	89.00	200	Vertical	Pass
4**	7863.000	43.20	1.02	54.0	10.80	AV	89.00	200	Vertical	Pass
5	12406.100	52.27	1.10	74.0	21.73	Peak	96.00	100	Vertical	Pass
5**	12406.100	42.09	1.10	54.0	11.91	AV	96.00	100	Vertical	Pass
6	16414.500	54.03	2.97	74.0	19.97	Peak	198.00	200	Vertical	Pass
6**	16414.500	45.54	2.97	54.0	8.46	AV	198.00	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	1447.800	42.69	-16.73	74.0	31.31	Peak	246.00	300	Horizontal	Pass
1**	1447.800	32.34	-16.73	54.0	21.66	AV	246.00	300	Horizontal	Pass
2	2438.000	99.71	-10.31	74.0	-25.71	Peak	187.00	200	Horizontal	N/A
2**	2438.000	92.14	-10.31	54.0	-38.14	AV	187.00	200	Horizontal	N/A
3	4952.000	49.10	-3.59	74.0	24.90	Peak	50.00	150	Horizontal	Pass
3**	4952.000	39.76	-3.59	54.0	14.24	AV	50.00	150	Horizontal	Pass
4	7708.250	53.10	1.90	74.0	20.90	Peak	169.00	200	Horizontal	Pass
4**	7708.250	43.79	1.90	54.0	10.21	AV	169.00	200	Horizontal	Pass
5	11793.588	52.05	-0.15	74.0	21.95	Peak	4.00	300	Horizontal	Pass
5**	11793.588	43.08	-0.15	54.0	10.92	AV	4.00	300	Horizontal	Pass
6	17290.725	54.52	2.60	74.0	19.48	Peak	253.00	100	Horizontal	Pass
6**	17290.725	44.20	2.60	54.0	9.80	AV	253.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	45.77	-16.94	74.0	28.23	Peak	323.00	100	Vertical	Pass
1**	1328.800	32.05	-16.94	54.0	21.95	AV	323.00	100	Vertical	Pass
2	2439.500	103.88	-10.33	74.0	-29.88	Peak	114.00	100	Vertical	N/A
2**	2439.500	96.52	-10.33	54.0	-42.52	AV	114.00	100	Vertical	N/A
3	4999.750	51.89	-3.13	74.0	22.11	Peak	38.00	200	Vertical	Pass
3**	4999.750	42.57	-3.13	54.0	11.43	AV	38.00	200	Vertical	Pass
4	7780.500	53.68	0.78	74.0	20.32	Peak	225.00	100	Vertical	Pass
4**	7780.500	43.38	0.78	54.0	10.62	AV	225.00	100	Vertical	Pass
5	11795.013	52.74	-0.15	74.0	21.26	Peak	183.00	200	Vertical	Pass
5**	11795.013	42.99	-0.15	54.0	11.01	AV	183.00	200	Vertical	Pass
6	16442.063	54.21	2.60	74.0	19.79	Peak	104.00	400	Vertical	Pass
6**	16442.063	44.39	2.60	54.0	9.61	AV	104.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.200	42.38	-16.85	74.0	31.62	Peak	21.00	200	Horizontal	Pass
1**	1443.200	32.31	-16.85	54.0	21.69	AV	21.00	200	Horizontal	Pass
2	2468.800	96.58	-11.14	74.0	-22.58	Peak	21.00	200	Horizontal	N/A
2**	2468.800	88.80	-11.14	54.0	-34.80	AV	21.00	200	Horizontal	N/A
3	4987.000	50.17	-3.07	74.0	23.83	Peak	302.00	100	Horizontal	Pass
3**	4987.000	39.78	-3.07	54.0	14.22	AV	302.00	100	Horizontal	Pass
4	7798.750	52.95	0.69	74.0	21.05	Peak	59.00	100	Horizontal	Pass
4**	7798.750	43.92	0.69	54.0	10.08	AV	59.00	100	Horizontal	Pass
5	11819.000	51.82	-0.37	74.0	22.18	Peak	31.00	200	Horizontal	Pass
5**	11819.000	41.85	-0.37	54.0	12.15	AV	31.00	200	Horizontal	Pass
6	16389.825	54.64	2.78	74.0	19.36	Peak	120.00	100	Horizontal	Pass
6**	16389.825	43.37	2.78	54.0	10.63	AV	120.00	100	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	1599.800	42.64	-16.79	74.0	31.36	Peak	116.00	100	Vertical	Pass
1**	1599.800	32.91	-16.79	54.0	21.09	AV	116.00	100	Vertical	Pass
2	2463.700	98.92	-11.23	74.0	-24.92	Peak	137.00	150	Vertical	N/A
2**	2463.700	90.71	-11.23	54.0	-36.71	AV	137.00	150	Vertical	N/A
3	4995.500	50.73	-3.18	74.0	23.27	Peak	0.00	100	Vertical	Pass
3**	4995.500	44.31	-3.18	54.0	9.69	AV	0.00	100	Vertical	Pass
4	7490.000	53.31	1.37	74.0	20.69	Peak	232.00	300	Vertical	Pass
4**	7490.000	43.26	1.37	54.0	10.74	AV	232.00	300	Vertical	Pass
5	12189.975	52.13	0.32	74.0	21.87	Peak	160.00	300	Vertical	Pass
5**	12189.975	41.79	0.32	54.0	12.21	AV	160.00	300	Vertical	Pass
6	16200.825	54.10	1.80	74.0	19.90	Peak	144.00	100	Vertical	Pass
6**	16200.825	42.15	1.80	54.0	11.85	AV	144.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1423.100	42.30	-17.15	74.0	31.70	Peak	208.00	100	Horizontal	Pass
1**	1423.100	32.69	-17.15	54.0	21.31	AV	208.00	100	Horizontal	Pass
2	2409.000	92.14	-10.71	74.0	-18.14	Peak	347.00	100	Horizontal	N/A
2**	2409.000	84.76	-10.71	54.0	-30.76	AV	347.00	100	Horizontal	N/A
3	4985.000	49.20	-3.28	74.0	24.80	Peak	43.00	100	Horizontal	Pass
3**	4985.000	39.77	-3.28	54.0	14.23	AV	43.00	100	Horizontal	Pass
4	7845.000	53.10	1.00	74.0	20.90	Peak	360.00	400	Horizontal	Pass
4**	7845.000	44.21	1.00	54.0	9.79	AV	360.00	400	Horizontal	Pass
5	11801.900	51.70	-0.17	74.0	22.30	Peak	269.00	200	Horizontal	Pass
5**	11801.900	42.83	-0.17	54.0	11.17	AV	269.00	200	Horizontal	Pass
6	17447.438	54.24	5.56	74.0	19.76	Peak	0.00	100	Horizontal	Pass
6**	17447.438	45.05	5.56	54.0	8.95	AV	0.00	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	1330.200	44.91	-17.03	74.0	29.09	Peak	224.00	100	Vertical	Pass
1**	1330.200	32.77	-17.03	54.0	21.23	AV	224.00	100	Vertical	Pass
2	2410.500	97.63	-10.41	74.0	-23.63	Peak	94.00	150	Vertical	N/A
2**	2410.500	89.52	-10.41	54.0	-35.52	AV	94.00	150	Vertical	N/A
3	4995.000	51.78	-3.29	74.0	22.22	Peak	360.00	200	Vertical	Pass
3**	4995.000	43.30	-3.29	54.0	10.70	AV	360.00	200	Vertical	Pass
4	7756.750	52.85	1.48	74.0	21.15	Peak	354.00	300	Vertical	Pass
4**	7756.750	44.66	1.48	54.0	9.34	AV	354.00	300	Vertical	Pass
5	11786.937	51.97	-0.16	74.0	22.03	Peak	360.00	300	Vertical	Pass
5**	11786.937	43.03	-0.16	54.0	10.97	AV	360.00	300	Vertical	Pass
6	17410.163	53.81	5.46	74.0	20.19	Peak	263.00	100	Vertical	Pass
6**	17410.163	44.45	5.46	54.0	9.55	AV	263.00	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	1294.200	42.38	-16.93	74.0	31.62	Peak	249.00	400	Horizontal	Pass
1**	1294.200	31.98	-16.93	54.0	22.02	AV	249.00	400	Horizontal	Pass
2	2438.200	94.60	-10.12	74.0	-20.60	Peak	188.00	150	Horizontal	N/A
2**	2438.200	87.56	-10.12	54.0	-33.56	AV	188.00	150	Horizontal	N/A
3	4995.250	49.75	-3.21	74.0	24.25	Peak	293.00	150	Horizontal	Pass
3**	4995.250	40.98	-3.21	54.0	13.02	AV	293.00	150	Horizontal	Pass
4	7733.000	53.27	0.56	74.0	20.73	Peak	244.00	100	Horizontal	Pass
4**	7733.000	44.13	0.56	54.0	9.87	AV	244.00	100	Horizontal	Pass
5	11791.450	52.45	-0.15	74.0	21.55	Peak	54.00	300	Horizontal	Pass
5**	11791.450	43.68	-0.15	54.0	10.32	AV	54.00	300	Horizontal	Pass
6	16403.739	54.22	3.12	74.0	19.78	Peak	51.00	100	Horizontal	Pass
6**	16403.739	44.99	3.12	54.0	9.01	AV	51.00	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	1331.200	44.35	-16.95	74.0	29.65	Peak	232.00	400	Vertical	Pass
1**	1331.200	32.71	-16.95	54.0	21.29	AV	232.00	400	Vertical	Pass
2	2440.400	99.92	-9.94	74.0	-25.92	Peak	120.00	200	Vertical	N/A
2**	2440.400	92.34	-9.94	54.0	-38.34	AV	120.00	200	Vertical	N/A
3	4999.500	50.88	-3.20	74.0	23.12	Peak	360.00	150	Vertical	Pass
3**	4999.500	43.71	-3.20	54.0	10.29	AV	360.00	150	Vertical	Pass
4	7838.250	53.08	1.35	74.0	20.92	Peak	66.00	400	Vertical	Pass
4**	7838.250	44.05	1.35	54.0	9.95	AV	66.00	400	Vertical	Pass
5	11789.075	51.88	-0.16	74.0	22.12	Peak	111.00	200	Vertical	Pass
5**	11789.075	43.46	-0.16	54.0	10.54	AV	111.00	200	Vertical	Pass
6	16429.988	54.37	2.77	74.0	19.63	Peak	290.00	200	Vertical	Pass
6**	16429.988	45.21	2.77	54.0	8.79	AV	290.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1433.500	42.70	-16.93	74.0	31.30	Peak	207.00	100	Horizontal	Pass
1**	1433.500	32.27	-16.93	54.0	21.73	AV	207.00	100	Horizontal	Pass
2	2469.600	93.09	-11.10	74.0	-19.09	Peak	27.00	150	Horizontal	N/A
2**	2469.600	85.52	-11.10	54.0	-31.52	AV	27.00	150	Horizontal	N/A
3	4922.250	49.14	-3.31	74.0	24.86	Peak	209.00	150	Horizontal	Pass
3**	4922.250	39.69	-3.31	54.0	14.31	AV	209.00	150	Horizontal	Pass
4	7704.500	52.95	1.93	74.0	21.05	Peak	86.00	100	Horizontal	Pass
4**	7704.500	43.70	1.93	54.0	10.30	AV	86.00	100	Horizontal	Pass
5	11783.850	51.86	-0.16	74.0	22.14	Peak	136.00	300	Horizontal	Pass
5**	11783.850	42.71	-0.16	54.0	11.29	AV	136.00	300	Horizontal	Pass
6	16416.863	54.12	2.94	74.0	19.88	Peak	227.00	300	Horizontal	Pass
6**	16416.863	45.52	2.94	54.0	8.48	AV	227.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	43.11	-16.79	74.0	30.89	Peak	227.00	300	Vertical	Pass
1**	1329.600	34.15	-16.79	54.0	19.85	AV	227.00	300	Vertical	Pass
2	2466.100	95.76	-11.19	74.0	-21.76	Peak	113.00	150	Vertical	N/A
2**	2466.100	88.45	-11.19	54.0	-34.45	AV	113.00	150	Vertical	N/A
3	4998.750	50.83	-3.37	74.0	23.17	Peak	360.00	150	Vertical	Pass
3**	4998.750	42.85	-3.37	54.0	11.15	AV	360.00	150	Vertical	Pass
4	7489.250	52.96	1.40	74.0	21.04	Peak	162.00	300	Vertical	Pass
4**	7489.250	43.88	1.40	54.0	10.12	AV	162.00	300	Vertical	Pass
5	11788.363	52.02	-0.16	74.0	21.98	Peak	34.00	200	Vertical	Pass
5**	11788.363	42.59	-0.16	54.0	11.41	AV	34.00	200	Vertical	Pass
6	16432.613	54.26	2.73	74.0	19.74	Peak	358.00	200	Vertical	Pass
6**	16432.613	44.56	2.73	54.0	9.44	AV	358.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.800	42.13	-17.16	74.0	31.87	Peak	128.00	300	Horizontal	Pass
1**	1568.800	32.61	-17.16	54.0	21.39	AV	128.00	300	Horizontal	Pass
2	2435.500	90.16	-10.16	74.0	-16.16	Peak	171.00	150	Horizontal	N/A
2**	2435.500	82.49	-10.16	54.0	-28.49	AV	171.00	150	Horizontal	N/A
3	4902.500	49.23	-3.10	74.0	24.77	Peak	287.00	200	Horizontal	Pass
3**	4902.500	40.03	-3.10	54.0	13.97	AV	287.00	200	Horizontal	Pass
4	7642.500	53.81	0.81	74.0	20.19	Peak	43.00	300	Horizontal	Pass
4**	7642.500	43.45	0.81	54.0	10.55	AV	43.00	300	Horizontal	Pass
5	12572.826	52.77	0.75	74.0	21.23	Peak	13.00	200	Horizontal	Pass
5**	12572.826	42.67	0.75	54.0	11.33	AV	13.00	200	Horizontal	Pass
6	16828.724	53.89	2.67	74.0	20.11	Peak	236.00	300	Horizontal	Pass
6**	16828.724	44.87	2.67	54.0	9.13	AV	236.00	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	1329.400	43.43	-16.87	74.0	30.57	Peak	322.00	100	Vertical	Pass
1**	1329.400	33.81	-16.87	54.0	20.19	AV	322.00	100	Vertical	Pass
2	2439.000	95.40	-10.28	74.0	-21.40	Peak	137.00	200	Vertical	N/A
2**	2439.000	87.32	-10.28	54.0	-33.32	AV	137.00	200	Vertical	N/A
3	4996.000	51.02	-3.41	74.0	22.98	Peak	16.00	100	Vertical	Pass
3**	4996.000	44.63	-3.41	54.0	9.37	AV	16.00	100	Vertical	Pass
4	7766.000	53.46	1.67	74.0	20.54	Peak	239.00	100	Vertical	Pass
4**	7766.000	44.29	1.67	54.0	9.71	AV	239.00	100	Vertical	Pass
5	11789.787	52.27	-0.16	74.0	21.73	Peak	76.00	100	Vertical	Pass
5**	11789.787	43.77	-0.16	54.0	10.23	AV	76.00	100	Vertical	Pass
6	16816.387	54.60	2.15	74.0	19.40	Peak	160.00	400	Vertical	Pass
6**	16816.387	44.19	2.15	54.0	9.81	AV	160.00	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	1595.600	42.09	-16.93	74.0	31.91	Peak	360.00	300	Horizontal	Pass
1**	1595.600	32.38	-16.93	54.0	21.62	AV	360.00	300	Horizontal	Pass
2	2438.500	93.77	-9.93	74.0	-19.77	Peak	181.00	150	Horizontal	N/A
2**	2438.500	86.27	-9.93	54.0	-32.27	AV	181.00	150	Horizontal	N/A
3	4996.500	49.62	-3.31	74.0	24.38	Peak	341.00	200	Horizontal	Pass
3**	4996.500	40.01	-3.31	54.0	13.99	AV	341.00	200	Horizontal	Pass
4	7758.000	53.51	1.54	74.0	20.49	Peak	266.00	100	Horizontal	Pass
4**	7758.000	44.66	1.54	54.0	9.34	AV	266.00	100	Horizontal	Pass
5	11789.075	51.71	-0.16	74.0	22.29	Peak	201.00	200	Horizontal	Pass
5**	11789.075	43.24	-0.16	54.0	10.76	AV	201.00	200	Horizontal	Pass
6	16410.563	54.56	3.03	74.0	19.44	Peak	89.00	100	Horizontal	Pass
6**	16410.563	44.98	3.03	54.0	9.02	AV	89.00	100	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	1326.700	42.45	-17.31	74.0	31.55	Peak	315.00	300	Vertical	Pass
1**	1326.700	32.18	-17.31	54.0	21.82	AV	315.00	300	Vertical	Pass
2	2441.400	98.87	-9.78	74.0	-24.87	Peak	127.00	100	Vertical	N/A
2**	2441.400	91.10	-9.78	54.0	-37.10	AV	127.00	100	Vertical	N/A
3	4997.750	51.32	-3.49	74.0	22.68	Peak	360.00	100	Vertical	Pass
3**	4997.750	43.26	-3.49	54.0	10.74	AV	360.00	100	Vertical	Pass
4	7633.000	53.07	0.29	74.0	20.93	Peak	360.00	300	Vertical	Pass
4**	7633.000	43.09	0.29	54.0	10.91	AV	360.00	300	Vertical	Pass
5	11790.975	52.43	-0.15	74.0	21.57	Peak	348.00	400	Vertical	Pass
5**	11790.975	43.67	-0.15	54.0	10.33	AV	348.00	400	Vertical	Pass
6	17288.100	53.82	2.59	74.0	20.18	Peak	145.00	200	Vertical	Pass
6**	17288.100	44.42	2.59	54.0	9.58	AV	145.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	41.95	-16.38	74.0	32.05	Peak	17.00	300	Horizontal	Pass
1**	1512.400	33.33	-16.38	54.0	20.67	AV	17.00	300	Horizontal	Pass
2	2440.800	90.39	-9.79	74.0	-16.39	Peak	195.00	150	Horizontal	N/A
2**	2440.800	81.84	-9.79	54.0	-27.84	AV	195.00	150	Horizontal	N/A
3	4992.750	48.98	-3.32	74.0	25.02	Peak	330.00	150	Horizontal	Pass
3**	4992.750	40.38	-3.32	54.0	13.62	AV	330.00	150	Horizontal	Pass
4	7488.000	52.75	1.53	74.0	21.25	Peak	360.00	400	Horizontal	Pass
4**	7488.000	43.95	1.53	54.0	10.05	AV	360.00	400	Horizontal	Pass
5	11793.350	51.62	-0.15	74.0	22.38	Peak	22.00	100	Horizontal	Pass
5**	11793.350	42.46	-0.15	54.0	11.54	AV	22.00	100	Horizontal	Pass
6	16422.901	53.51	2.86	74.0	20.49	Peak	140.00	100	Horizontal	Pass
6**	16422.901	45.38	2.86	54.0	8.62	AV	140.00	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	1327.700	43.10	-16.94	74.0	30.90	Peak	310.00	100	Vertical	Pass
1**	1327.700	35.10	-16.94	54.0	18.90	AV	310.00	100	Vertical	Pass
2	2439.400	95.79	-10.33	74.0	-21.79	Peak	283.00	150	Vertical	N/A
2**	2439.400	87.25	-10.33	54.0	-33.25	AV	283.00	150	Vertical	N/A
3	4994.500	52.00	-3.38	74.0	22.00	Peak	19.00	200	Vertical	Pass
3**	4994.500	40.63	-3.38	54.0	13.37	AV	19.00	200	Vertical	Pass
4	7711.750	53.18	2.04	74.0	20.82	Peak	239.00	400	Vertical	Pass
4**	7711.750	43.38	2.04	54.0	10.62	AV	239.00	400	Vertical	Pass
5	11801.425	52.03	-0.16	74.0	21.97	Peak	91.00	400	Vertical	Pass
5**	11801.425	44.02	-0.16	54.0	9.98	AV	91.00	400	Vertical	Pass
6	17304.900	53.91	2.68	74.0	20.09	Peak	259.00	200	Vertical	Pass
6**	17304.900	44.44	2.68	54.0	9.56	AV	259.00	200	Vertical	Pass

MIMO Antenna

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	1481.800	42.10	-17.16	74.0	31.90	Peak	303.00	100	Horizontal	Pass
1**	1481.800	32.01	-17.16	54.0	21.99	AV	303.00	100	Horizontal	Pass
2	2420.000	101.03	-10.18	74.0	-27.03	Peak	193.00	100	Horizontal	N/A
2**	2420.000	93.18	-10.18	54.0	-39.18	AV	193.00	100	Horizontal	N/A
3	4994.000	48.86	-3.37	74.0	25.14	Peak	65.00	100	Horizontal	Pass
3**	4994.000	40.12	-3.37	54.0	13.88	AV	65.00	100	Horizontal	Pass
4	7756.750	53.48	1.48	74.0	20.52	Peak	184.00	300	Horizontal	Pass
4**	7756.750	43.92	1.48	54.0	10.08	AV	184.00	300	Horizontal	Pass
5	11781.474	51.92	-0.16	74.0	22.08	Peak	88.00	300	Horizontal	Pass
5**	11781.474	42.48	-0.16	54.0	11.52	AV	88.00	300	Horizontal	Pass
6	16889.887	54.14	2.89	74.0	19.86	Peak	247.00	300	Horizontal	Pass
6**	16889.887	44.43	2.89	54.0	9.57	AV	247.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	42.62	-17.09	74.0	31.38	Peak	208.00	400	Vertical	Pass
1**	1328.400	33.39	-17.09	54.0	20.61	AV	208.00	400	Vertical	Pass
2	2419.100	101.92	-10.13	74.0	-27.92	Peak	208.00	100	Vertical	N/A
2**	2419.100	95.65	-10.13	54.0	-41.65	AV	208.00	100	Vertical	N/A
3	4998.250	51.06	-3.41	74.0	22.94	Peak	38.00	100	Vertical	Pass
3**	4998.250	42.73	-3.41	54.0	11.27	AV	38.00	100	Vertical	Pass
4	7947.500	52.97	2.06	74.0	21.03	Peak	284.00	400	Vertical	Pass
4**	7947.500	42.08	2.06	54.0	11.92	AV	284.00	400	Vertical	Pass
5	11792.638	52.35	-0.15	74.0	21.65	Peak	278.00	400	Vertical	Pass
5**	11792.638	43.61	-0.15	54.0	10.39	AV	278.00	400	Vertical	Pass
6	16413.975	53.63	2.98	74.0	20.37	Peak	267.00	100	Vertical	Pass
6**	16413.975	45.06	2.98	54.0	8.94	AV	267.00	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	1512.400	42.64	-16.38	74.0	31.36	Peak	176.00	100	Horizontal	Pass
1**	1512.400	32.93	-16.38	54.0	21.07	AV	176.00	100	Horizontal	Pass
2	2436.000	98.59	-10.16	74.0	-24.59	Peak	186.00	200	Horizontal	N/A
2**	2436.000	92.26	-10.16	54.0	-38.26	AV	186.00	200	Horizontal	N/A
3	4954.000	49.62	-3.46	74.0	24.38	Peak	39.00	200	Horizontal	Pass
3**	4954.000	40.75	-3.46	54.0	13.25	AV	39.00	200	Horizontal	Pass
4	7749.500	53.87	0.22	74.0	20.13	Peak	198.00	400	Horizontal	Pass
4**	7749.500	43.27	0.22	54.0	10.73	AV	198.00	400	Horizontal	Pass
5	12542.188	52.22	1.20	74.0	21.78	Peak	131.00	300	Horizontal	Pass
5**	12542.188	42.62	1.20	54.0	11.38	AV	131.00	300	Horizontal	Pass
6	17315.926	54.03	2.78	74.0	19.97	Peak	360.00	100	Horizontal	Pass
6**	17315.926	45.16	2.78	54.0	8.84	AV	360.00	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	1333.000	43.88	-17.18	74.0	30.12	Peak	329.00	100	Vertical	Pass
1**	1333.000	35.11	-17.18	54.0	18.89	AV	329.00	100	Vertical	Pass
2	2438.600	102.28	-10.02	74.0	-28.28	Peak	290.00	200	Vertical	N/A
2**	2438.600	95.30	-10.02	54.0	-41.30	AV	290.00	200	Vertical	N/A
3	4998.250	51.40	-3.41	74.0	22.60	Peak	0.00	100	Vertical	Pass
3**	4998.250	43.14	-3.41	54.0	10.86	AV	0.00	100	Vertical	Pass
4	7765.000	54.16	1.50	74.0	19.84	Peak	251.00	300	Vertical	Pass
4**	7765.000	44.26	1.50	54.0	9.74	AV	251.00	300	Vertical	Pass
5	11770.550	52.23	-0.18	74.0	21.77	Peak	84.00	200	Vertical	Pass
5**	11770.550	43.59	-0.18	54.0	10.41	AV	84.00	200	Vertical	Pass
6	16157.513	54.29	2.10	74.0	19.71	Peak	226.00	200	Vertical	Pass
6**	16157.513	43.69	2.10	54.0	10.31	AV	226.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1407.800	42.20	-16.93	74.0	31.80	Peak	0.00	300	Horizontal	Pass
1**	1407.800	32.60	-16.93	54.0	21.40	AV	0.00	300	Horizontal	Pass
2	2459.700	101.82	-11.46	74.0	-27.82	Peak	49.00	150	Horizontal	N/A
2**	2459.700	95.02	-11.46	54.0	-41.02	AV	49.00	150	Horizontal	N/A
3	4987.500	49.20	-3.18	74.0	24.80	Peak	232.00	200	Horizontal	Pass
3**	4987.500	39.98	-3.18	54.0	14.02	AV	232.00	200	Horizontal	Pass
4	7763.750	53.73	1.72	74.0	20.27	Peak	360.00	400	Horizontal	Pass
4**	7763.750	44.07	1.72	54.0	9.93	AV	360.00	400	Horizontal	Pass
5	11789.550	51.83	-0.16	74.0	22.17	Peak	171.00	200	Horizontal	Pass
5**	11789.550	42.81	-0.16	54.0	11.19	AV	171.00	200	Horizontal	Pass
6	16847.363	53.61	3.46	74.0	20.39	Peak	360.00	300	Horizontal	Pass
6**	16847.363	45.18	3.46	54.0	8.82	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	42.63	-16.94	74.0	31.37	Peak	231.00	100	Vertical	Pass
1**	1331.900	33.24	-16.94	54.0	20.76	AV	231.00	100	Vertical	Pass
2	2460.800	104.03	-11.30	74.0	-30.03	Peak	209.00	200	Vertical	N/A
2**	2460.800	96.76	-11.30	54.0	-42.76	AV	209.00	200	Vertical	N/A
3	4998.250	51.62	-3.41	74.0	22.38	Peak	9.00	150	Vertical	Pass
3**	4998.250	42.02	-3.41	54.0	11.98	AV	9.00	150	Vertical	Pass
4	7758.750	53.27	1.59	74.0	20.73	Peak	212.00	400	Vertical	Pass
4**	7758.750	43.91	1.59	54.0	10.09	AV	212.00	400	Vertical	Pass
5	12290.912	51.68	0.65	74.0	22.32	Peak	75.00	200	Vertical	Pass
5**	12290.912	42.69	0.65	54.0	11.31	AV	75.00	200	Vertical	Pass
6	16410.825	53.87	3.02	74.0	20.13	Peak	227.00	100	Vertical	Pass
6**	16410.825	46.10	3.02	54.0	7.90	AV	227.00	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	1345.300	42.93	-17.06	74.0	31.07	Peak	79.00	400	Horizontal	Pass
1**	1345.300	32.03	-17.06	54.0	21.97	AV	79.00	400	Horizontal	Pass
2	2419.800	99.88	-10.07	74.0	-25.88	Peak	198.00	150	Horizontal	N/A
2**	2419.800	92.94	-10.07	54.0	-38.94	AV	198.00	150	Horizontal	N/A
3	4986.750	48.85	-3.08	74.0	25.15	Peak	18.00	150	Horizontal	Pass
3**	4986.750	40.40	-3.08	54.0	13.60	AV	18.00	150	Horizontal	Pass
4	7353.750	52.82	0.49	74.0	21.18	Peak	89.00	300	Horizontal	Pass
4**	7353.750	43.65	0.49	54.0	10.35	AV	89.00	300	Horizontal	Pass
5	12526.513	51.91	1.29	74.0	22.09	Peak	297.00	200	Horizontal	Pass
5**	12526.513	41.94	1.29	54.0	12.06	AV	297.00	200	Horizontal	Pass
6	16426.051	54.23	2.82	74.0	19.77	Peak	140.00	200	Horizontal	Pass
6**	16426.051	45.32	2.82	54.0	8.68	AV	140.00	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	1332.200	43.42	-17.09	74.0	30.58	Peak	225.00	300	Vertical	Pass
1**	1332.200	35.31	-17.09	54.0	18.69	AV	225.00	300	Vertical	Pass
2	2419.300	101.64	-9.92	74.0	-27.64	Peak	213.00	150	Vertical	N/A
2**	2419.300	94.94	-9.92	54.0	-40.94	AV	213.00	150	Vertical	N/A
3	4999.750	50.44	-3.13	74.0	23.56	Peak	360.00	150	Vertical	Pass
3**	4999.750	44.38	-3.13	54.0	9.62	AV	360.00	150	Vertical	Pass
4	7748.000	53.48	0.20	74.0	20.52	Peak	273.00	200	Vertical	Pass
4**	7748.000	43.40	0.20	54.0	10.60	AV	273.00	200	Vertical	Pass
5	11789.075	51.93	-0.16	74.0	22.07	Peak	140.00	300	Vertical	Pass
5**	11789.075	43.55	-0.16	54.0	10.45	AV	140.00	300	Vertical	Pass
6	16866.000	53.75	3.29	74.0	20.25	Peak	360.00	200	Vertical	Pass
6**	16866.000	45.03	3.29	54.0	8.97	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	42.17	-16.88	74.0	31.83	Peak	184.00	200	Horizontal	Pass
1**	1500.100	34.34	-16.88	54.0	19.66	AV	184.00	200	Horizontal	Pass
2	2424.100	97.92	-10.41	74.0	-23.92	Peak	203.00	100	Horizontal	N/A
2**	2424.100	90.37	-10.41	54.0	-36.37	AV	203.00	100	Horizontal	N/A
3	4985.500	50.45	-3.25	74.0	23.55	Peak	0.00	200	Horizontal	Pass
3**	4985.500	39.95	-3.25	54.0	14.05	AV	0.00	200	Horizontal	Pass
4	7754.750	53.59	1.19	74.0	20.41	Peak	66.00	400	Horizontal	Pass
4**	7754.750	44.76	1.19	54.0	9.24	AV	66.00	400	Horizontal	Pass
5	11776.250	51.88	-0.17	74.0	22.12	Peak	360.00	300	Horizontal	Pass
5**	11776.250	43.46	-0.17	54.0	10.54	AV	360.00	300	Horizontal	Pass
6	16858.912	54.18	3.41	74.0	19.82	Peak	247.00	400	Horizontal	Pass
6**	16858.912	44.84	3.41	54.0	9.16	AV	247.00	400	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	1327.500	44.95	-16.95	74.0	29.05	Peak	327.00	400	Vertical	Pass
1**	1327.500	36.77	-16.95	54.0	17.23	AV	327.00	400	Vertical	Pass
2	2438.600	100.89	-10.02	74.0	-26.89	Peak	122.00	150	Vertical	N/A
2**	2438.600	93.91	-10.02	54.0	-39.91	AV	122.00	150	Vertical	N/A
3	4999.000	51.85	-3.36	74.0	22.15	Peak	0.00	150	Vertical	Pass
3**	4999.000	43.87	-3.36	54.0	10.13	AV	0.00	150	Vertical	Pass
4	7756.750	53.76	1.48	74.0	20.24	Peak	98.00	100	Vertical	Pass
4**	7756.750	44.91	1.48	54.0	9.09	AV	98.00	100	Vertical	Pass
5	12034.650	51.92	-0.00	74.0	22.08	Peak	29.00	400	Vertical	Pass
5**	12034.650	42.42	-0.00	54.0	11.58	AV	29.00	400	Vertical	Pass
6	16878.074	54.02	3.09	74.0	19.98	Peak	23.00	400	Vertical	Pass
6**	16878.074	44.56	3.09	54.0	9.44	AV	23.00	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	1500.200	42.10	-16.86	74.0	31.90	Peak	234.00	100	Horizontal	Pass
1**	1500.200	35.50	-16.86	54.0	18.50	AV	234.00	100	Horizontal	Pass
2	2458.700	98.76	-11.19	74.0	-24.76	Peak	191.00	100	Horizontal	N/A
2**	2458.700	91.29	-11.19	54.0	-37.29	AV	191.00	100	Horizontal	N/A
3	4986.750	49.61	-3.08	74.0	24.39	Peak	271.00	100	Horizontal	Pass
3**	4986.750	39.89	-3.08	54.0	14.11	AV	271.00	100	Horizontal	Pass
4	7759.750	53.92	1.55	74.0	20.08	Peak	225.00	100	Horizontal	Pass
4**	7759.750	44.14	1.55	54.0	9.86	AV	225.00	100	Horizontal	Pass
5	11790.500	52.98	-0.15	74.0	21.02	Peak	98.00	100	Horizontal	Pass
5**	11790.500	42.91	-0.15	54.0	11.09	AV	98.00	100	Horizontal	Pass
6	16414.762	54.38	2.97	74.0	19.62	Peak	0.00	100	Horizontal	Pass
6**	16414.762	45.37	2.97	54.0	8.63	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	1330.700	44.64	-17.06	74.0	29.36	Peak	230.00	400	Vertical	Pass
1**	1330.700	35.73	-17.06	54.0	18.27	AV	230.00	400	Vertical	Pass
2	2458.600	100.82	-11.20	74.0	-26.82	Peak	210.00	150	Vertical	N/A
2**	2458.600	94.09	-11.20	54.0	-40.09	AV	210.00	150	Vertical	N/A
3	4995.500	51.72	-3.18	74.0	22.28	Peak	0.00	100	Vertical	Pass
3**	4995.500	44.50	-3.18	54.0	9.50	AV	0.00	100	Vertical	Pass
4	7201.750	53.71	0.44	74.0	20.29	Peak	202.00	400	Vertical	Pass
4**	7201.750	43.20	0.44	54.0	10.80	AV	202.00	400	Vertical	Pass
5	11790.737	52.45	-0.15	74.0	21.55	Peak	165.00	200	Vertical	Pass
5**	11790.737	42.89	-0.15	54.0	11.11	AV	165.00	200	Vertical	Pass
6	16406.625	55.04	3.08	74.0	18.96	Peak	71.00	400	Vertical	Pass
6**	16406.625	44.68	3.08	54.0	9.32	AV	71.00	400	Vertical	Pass

A.8 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.

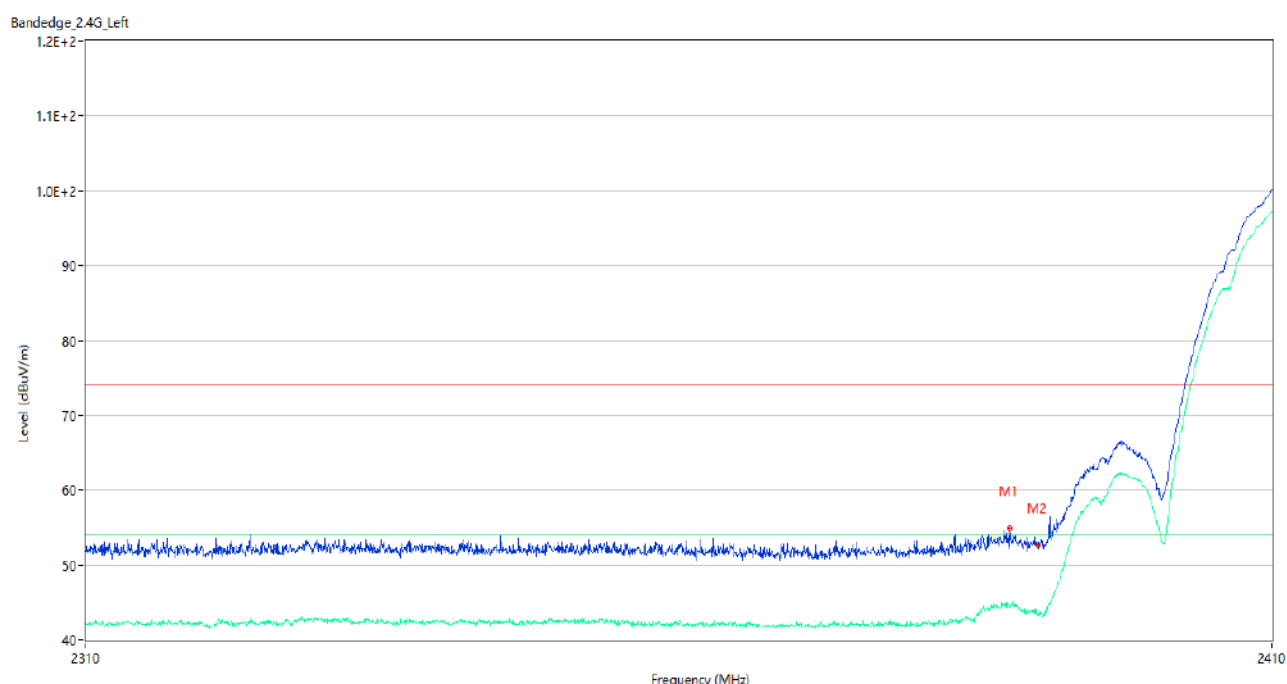
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

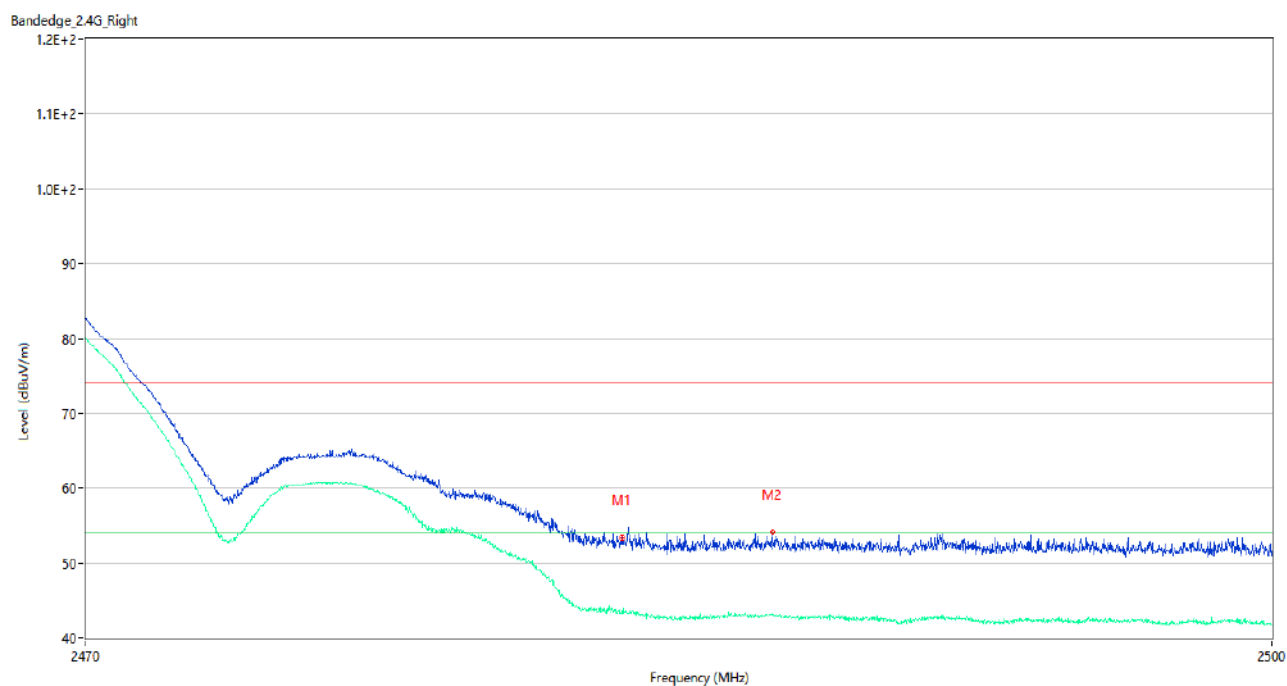
SISO-Antenna 0

802.11b LOW CHANNEL



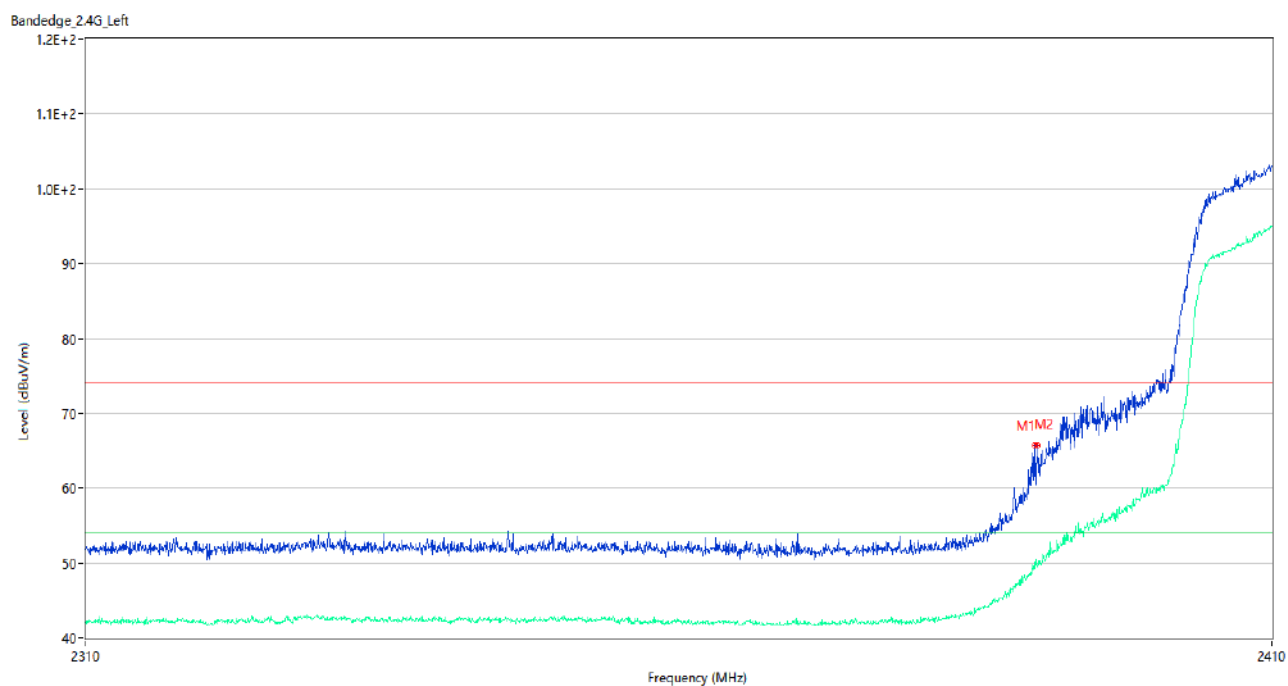
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.500	54.88	-1.77	74.0	19.12	Peak	222.00	150	Vertical	Pass
1**	2387.500	44.34	-1.77	54.0	9.66	AV	222.00	150	Vertical	Pass
2	2389.950	52.67	-1.82	74.0	21.33	Peak	230.00	200	Vertical	Pass
2**	2389.950	43.41	-1.82	54.0	10.59	AV	230.00	200	Vertical	Pass

802.11b HIGH CHANNEL



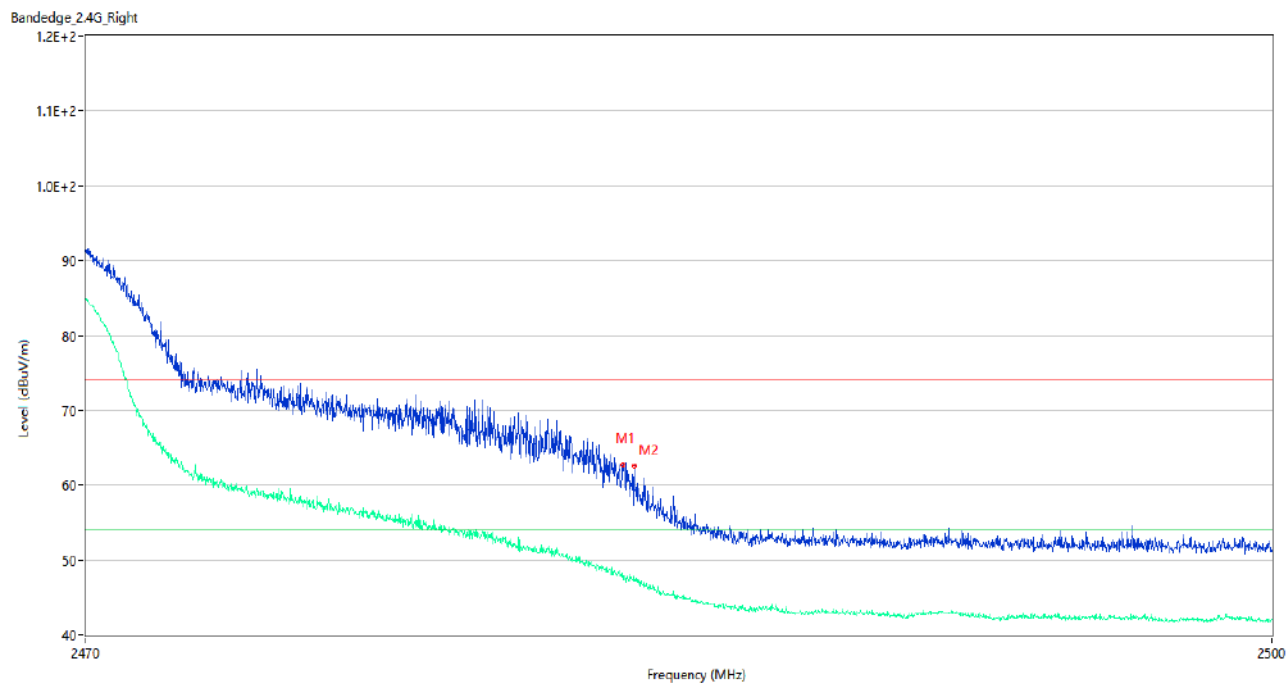
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	53.44	-1.10	74.0	20.56	Peak	247.00	100	Vertical	Pass
1**	2483.515	43.30	-1.10	54.0	10.70	AV	247.00	100	Vertical	Pass
2	2487.325	54.19	-0.76	74.0	19.81	Peak	203.00	200	Vertical	Pass
2**	2487.325	43.16	-0.76	54.0	10.84	AV	203.00	200	Vertical	Pass

802.11g LOW CHANNEL



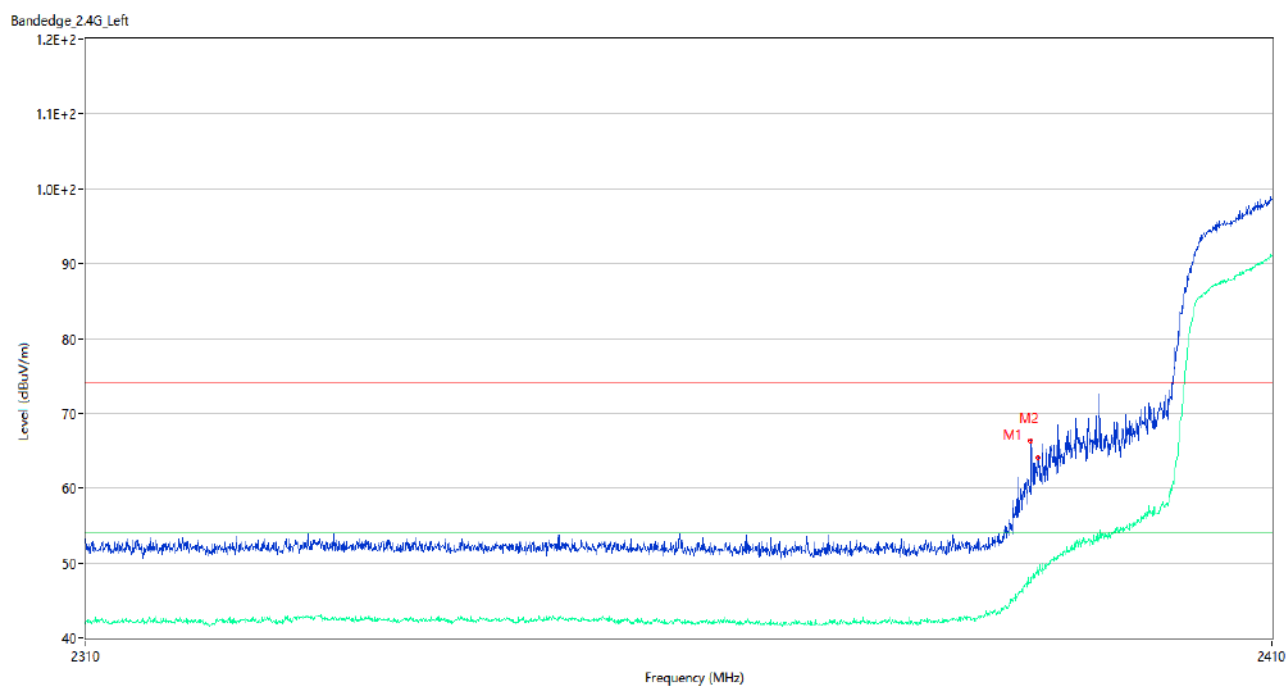
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.700	65.75	-1.76	74.0	8.25	Peak	249.00	200	Vertical	Pass
1**	2389.700	49.41	-1.76	54.0	4.59	AV	249.00	200	Vertical	Pass
2	2389.950	65.82	-1.82	74.0	8.18	Peak	229.00	200	Vertical	Pass
2**	2389.950	49.80	-1.82	54.0	4.20	AV	229.00	200	Vertical	Pass

802.11g HIGH CHANNEL



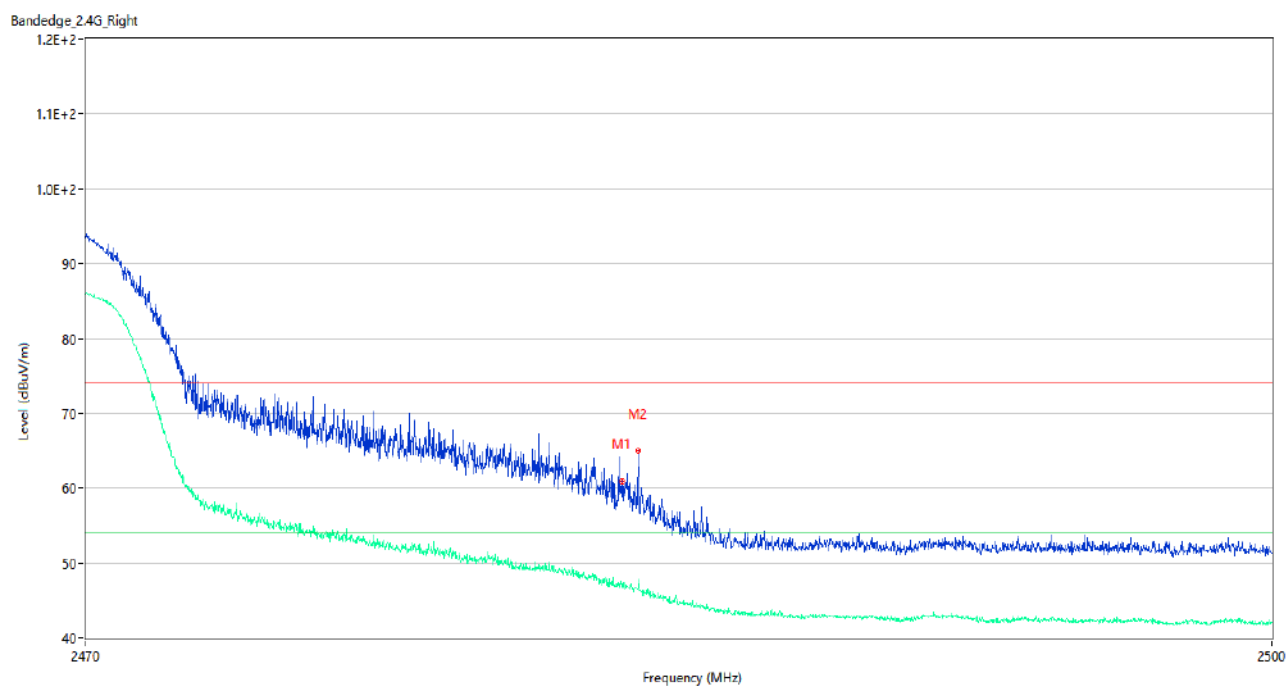
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	62.81	-1.09	74.0	11.19	Peak	298.00	200	Vertical	Pass
1**	2483.545	47.90	-1.09	54.0	6.10	AV	298.00	200	Vertical	Pass
2	2483.830	62.55	-1.04	74.0	11.45	Peak	201.00	100	Vertical	Pass
2**	2483.830	47.25	-1.04	54.0	6.75	AV	201.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



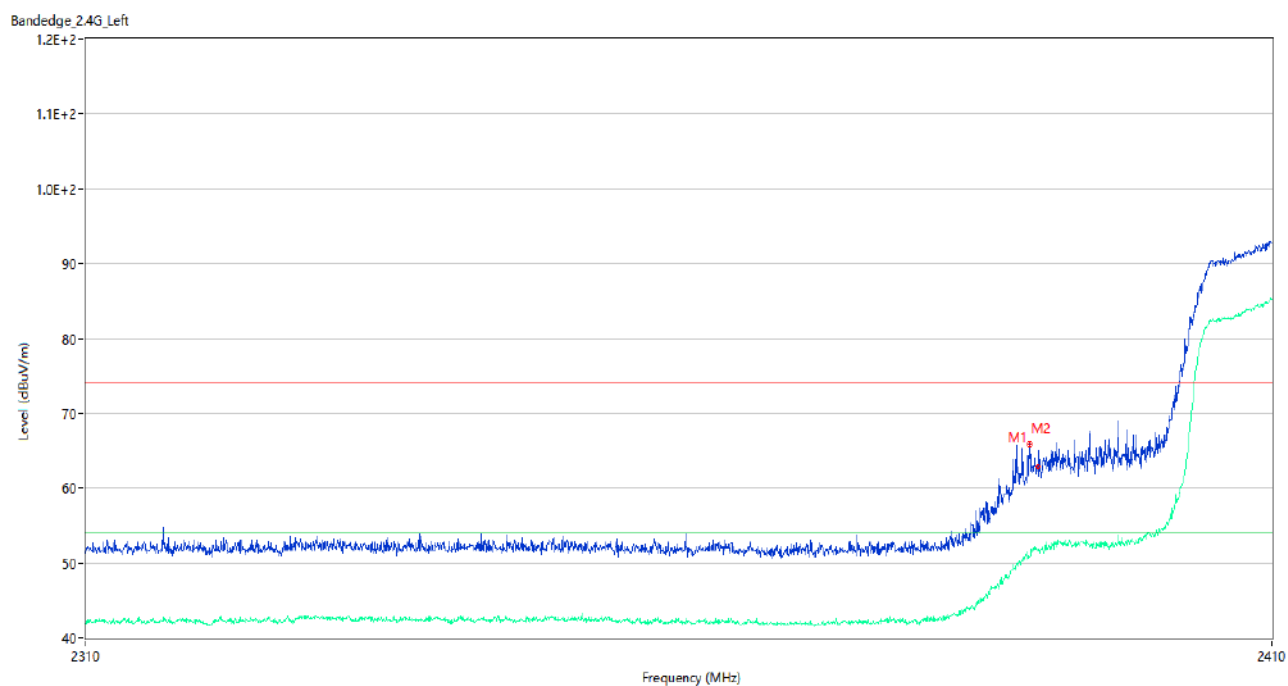
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.350	66.38	-1.81	74.0	7.62	Peak	228.00	100	Vertical	Pass
1**	2389.350	48.10	-1.81	54.0	5.90	AV	228.00	100	Vertical	Pass
2	2389.950	64.17	-1.82	74.0	9.83	Peak	221.00	200	Vertical	Pass
2**	2389.950	48.60	-1.82	54.0	5.40	AV	221.00	200	Vertical	Pass

802.11n20 HIGH CHANNEL



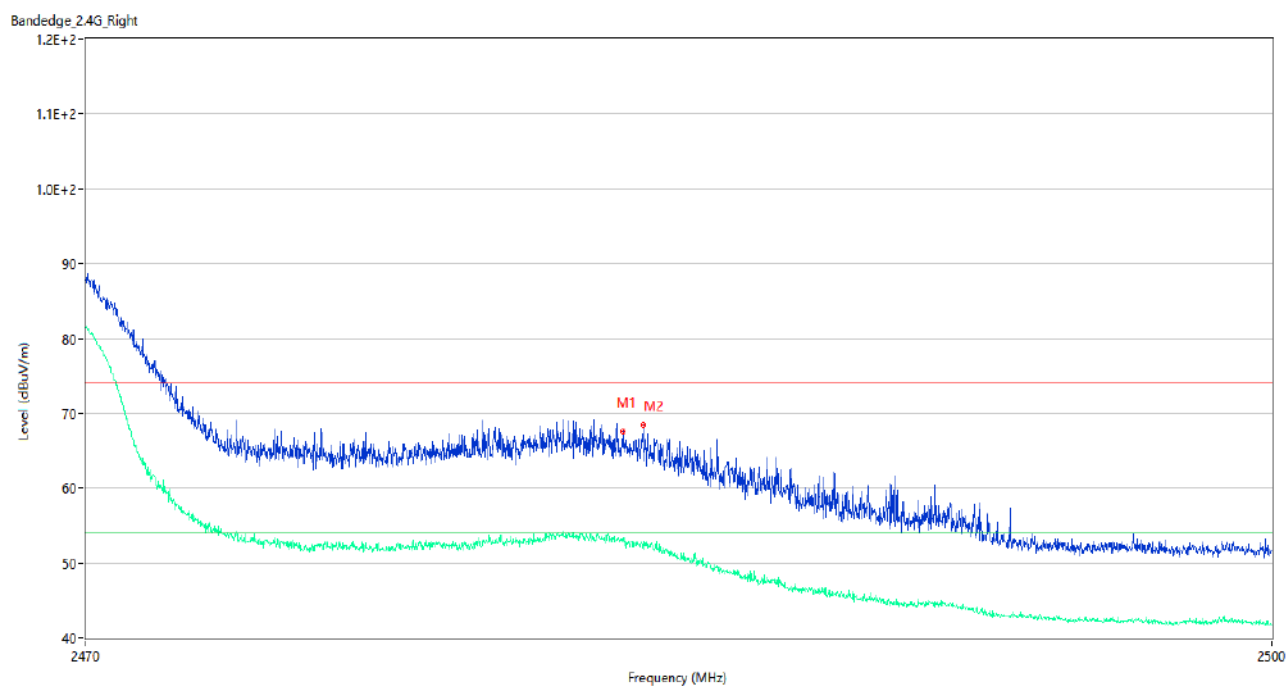
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	60.89	-1.10	74.0	13.11	Peak	200.00	100	Vertical	Pass
1**	2483.530	47.13	-1.10	54.0	6.87	AV	200.00	100	Vertical	Pass
2	2483.935	64.96	-1.04	74.0	9.04	Peak	241.00	100	Vertical	Pass
2**	2483.935	46.56	-1.04	54.0	7.44	AV	241.00	100	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.250	65.85	-1.85	74.0	8.15	Peak	200.00	100	Vertical	Pass
1**	2389.250	50.90	-1.85	54.0	3.10	AV	200.00	100	Vertical	Pass
2	2389.950	62.84	-1.82	74.0	11.16	Peak	240.00	100	Vertical	Pass
2**	2389.950	51.91	-1.82	54.0	2.09	AV	240.00	100	Vertical	Pass

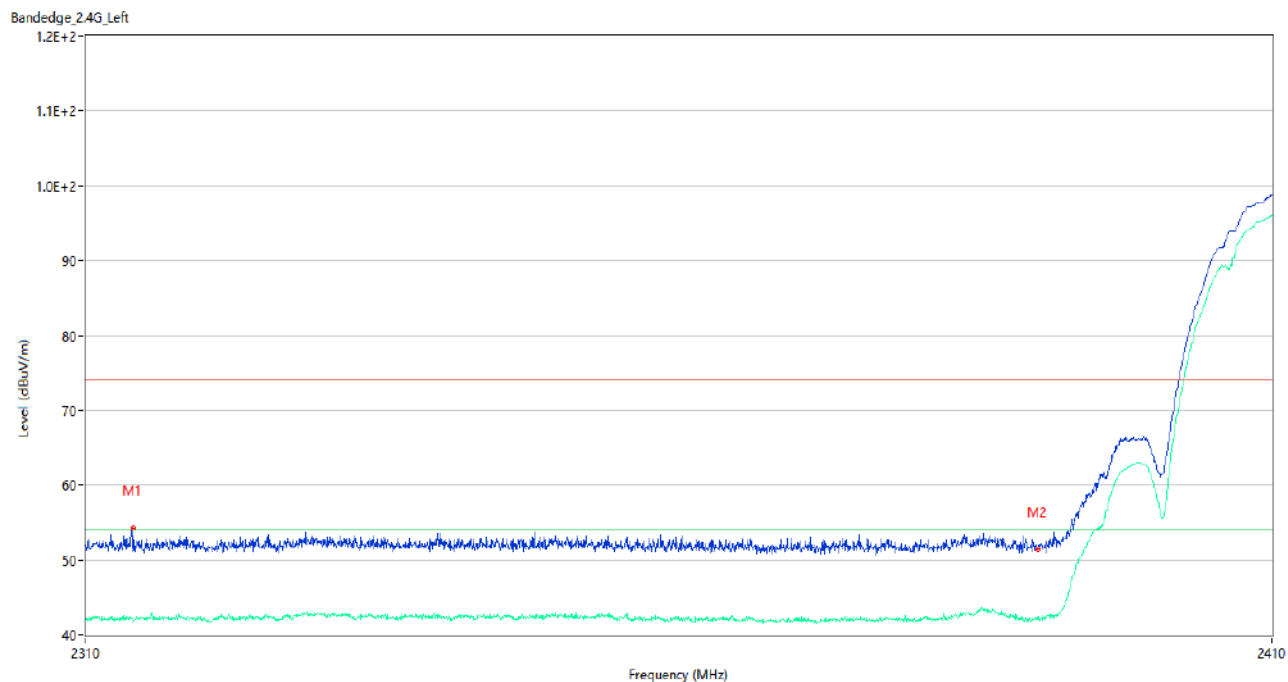
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	67.61	-1.09	74.0	6.39	Peak	242.00	150	Vertical	Pass
1**	2483.560	52.98	-1.09	54.0	1.02	AV	242.00	150	Vertical	Pass
2	2484.055	68.43	-1.08	74.0	5.57	Peak	234.00	200	Vertical	Pass
2**	2484.055	52.35	-1.08	54.0	1.65	AV	234.00	200	Vertical	Pass

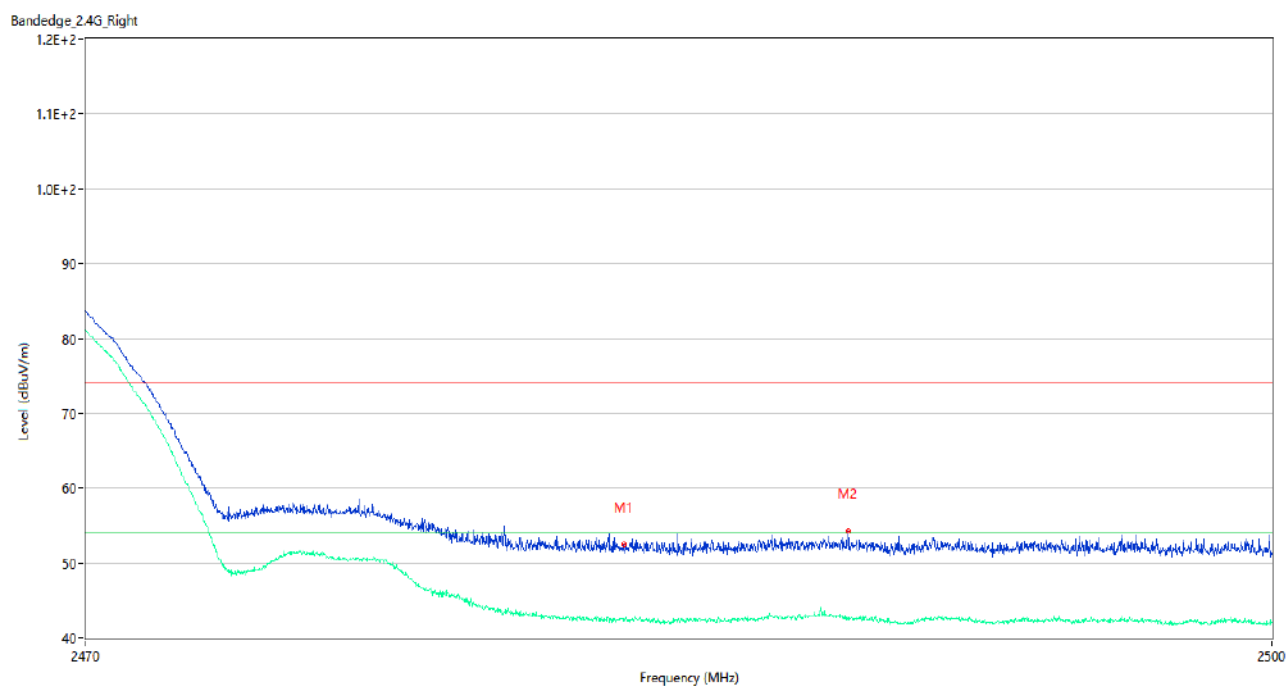
SISO-Antenna 1

802.11b LOW CHANNEL



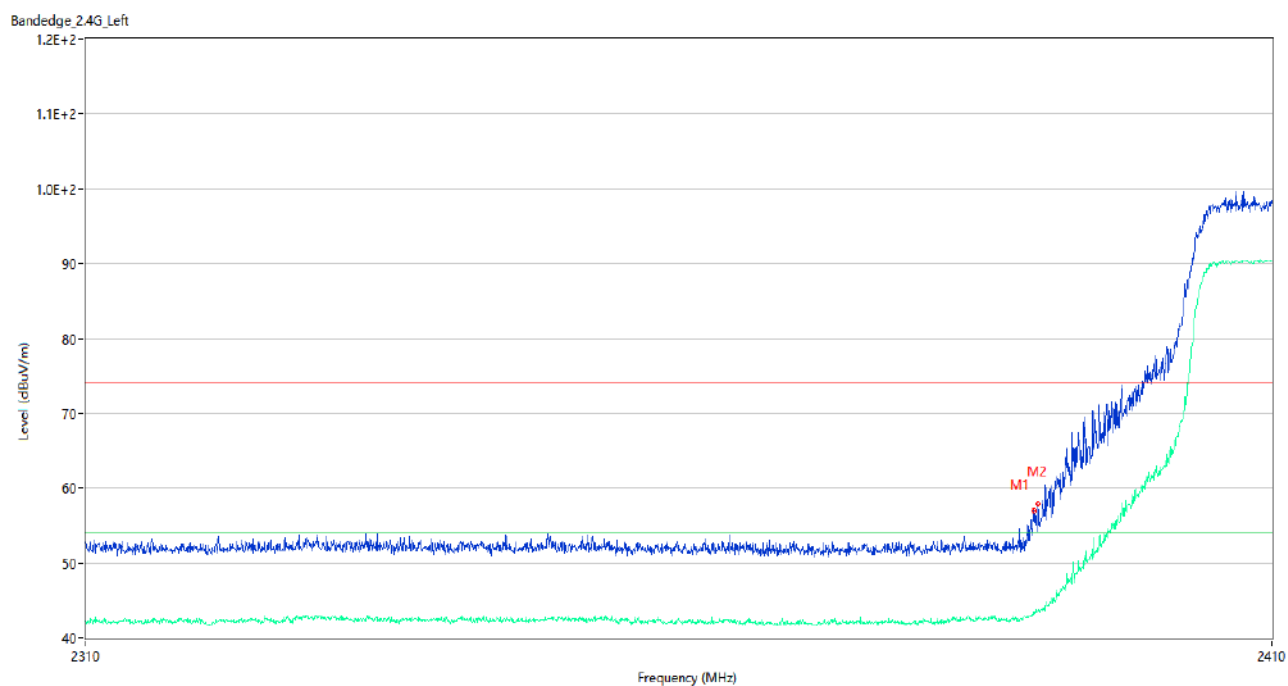
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2313.950	54.34	-1.54	74.0	19.66	Peak	198.00	100	Vertical	Pass
1**	2313.950	41.93	-1.54	54.0	12.07	AV	198.00	100	Vertical	Pass
2	2389.950	51.41	-1.82	74.0	22.59	Peak	76.00	100	Vertical	Pass
2**	2389.950	42.24	-1.82	54.0	11.76	AV	76.00	100	Vertical	Pass

802.11b HIGH CHANNEL



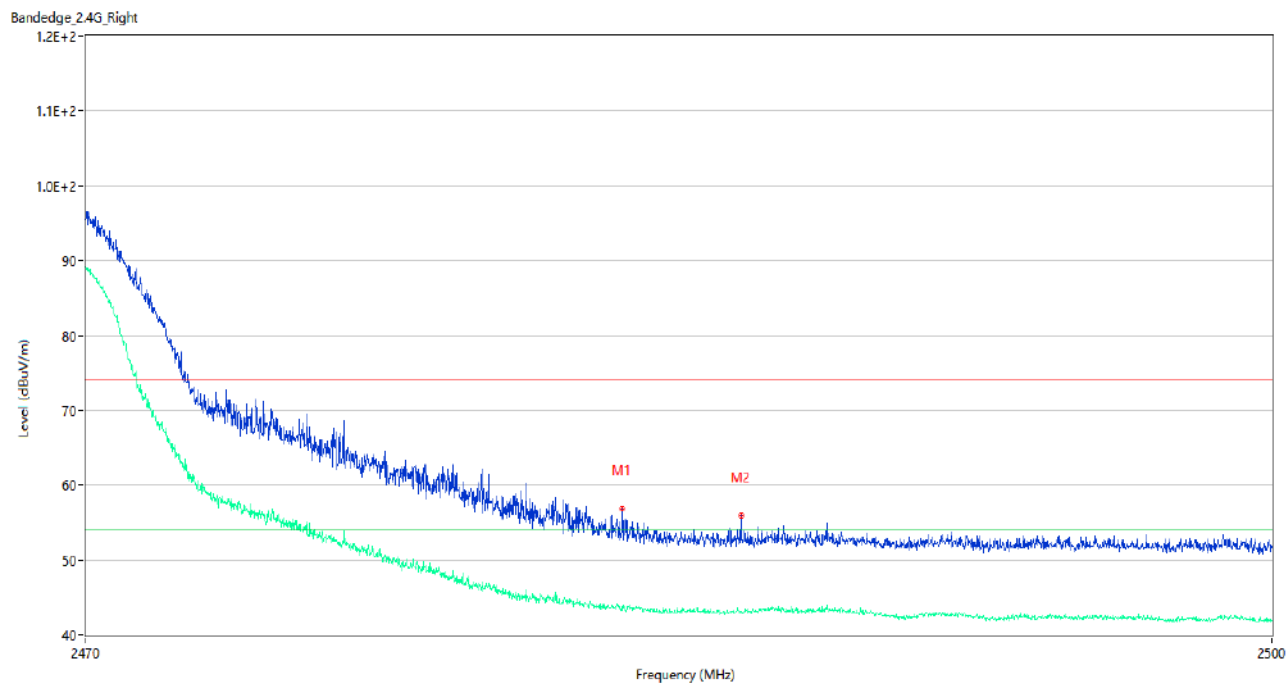
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	52.44	-1.09	74.0	21.56	Peak	273.00	100	Vertical	Pass
1**	2483.575	42.33	-1.09	54.0	11.67	AV	273.00	100	Vertical	Pass
2	2489.245	54.24	-0.94	74.0	19.76	Peak	124.00	100	Vertical	Pass
2**	2489.245	42.41	-0.94	54.0	11.59	AV	124.00	100	Vertical	Pass

802.11g LOW CHANNEL



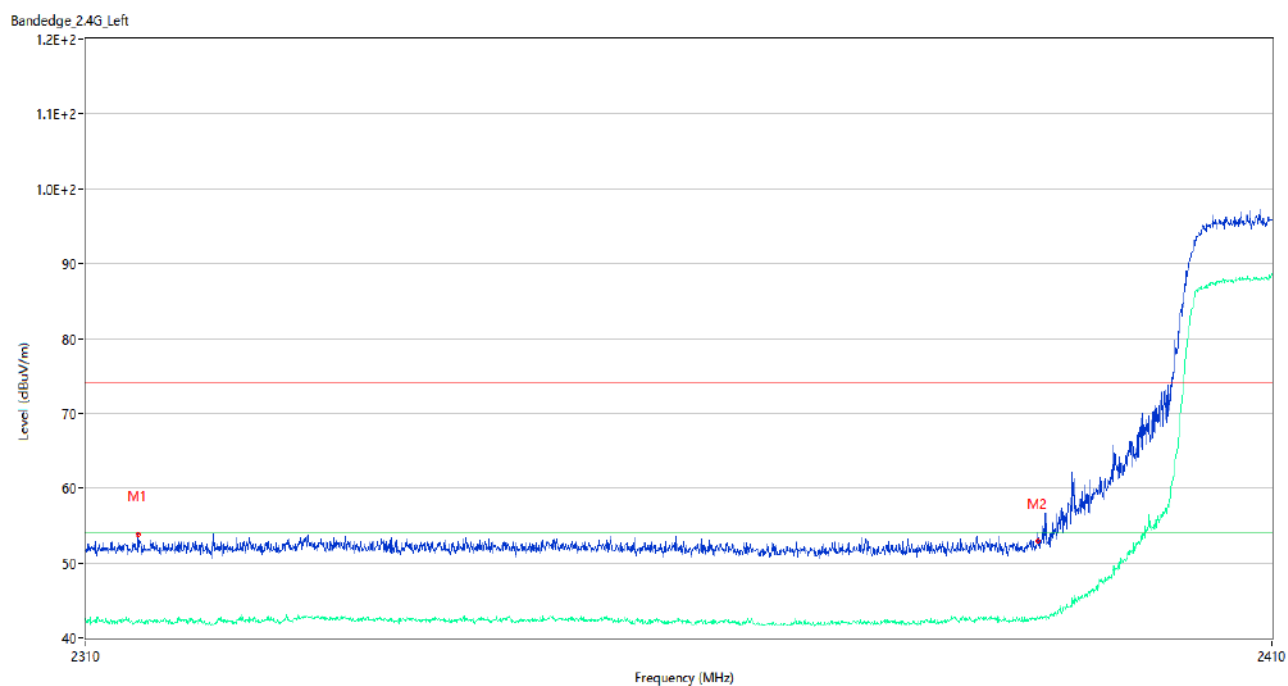
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.550	57.09	-1.73	74.0	16.91	Peak	261.00	200	Vertical	Pass
1**	2389.550	43.42	-1.73	54.0	10.58	AV	261.00	200	Vertical	Pass
2	2389.950	57.94	-1.82	74.0	16.06	Peak	284.00	100	Vertical	Pass
2**	2389.950	43.49	-1.82	54.0	10.51	AV	284.00	100	Vertical	Pass

802.11g HIGH CHANNEL



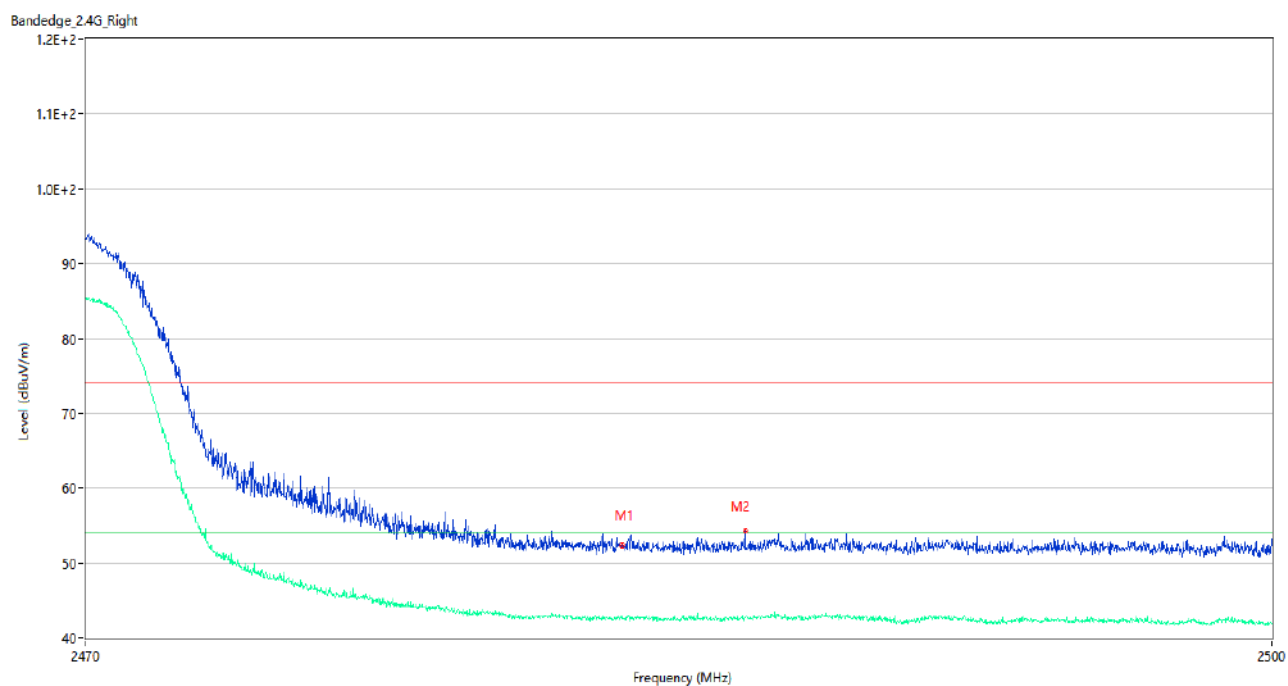
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1	2483.530	56.95	-1.10	74.0	17.05	Peak	159.00	100	Vertical	Pass
1**	2483.530	43.35	-1.10	54.0	10.65	AV	159.00	100	Vertical	Pass
2	2486.530	56.03	-1.08	74.0	17.97	Peak	159.00	200	Vertical	Pass
2**	2486.530	43.14	-1.08	54.0	10.86	AV	159.00	200	Vertical	Pass

802.11n20 LOW CHANNEL



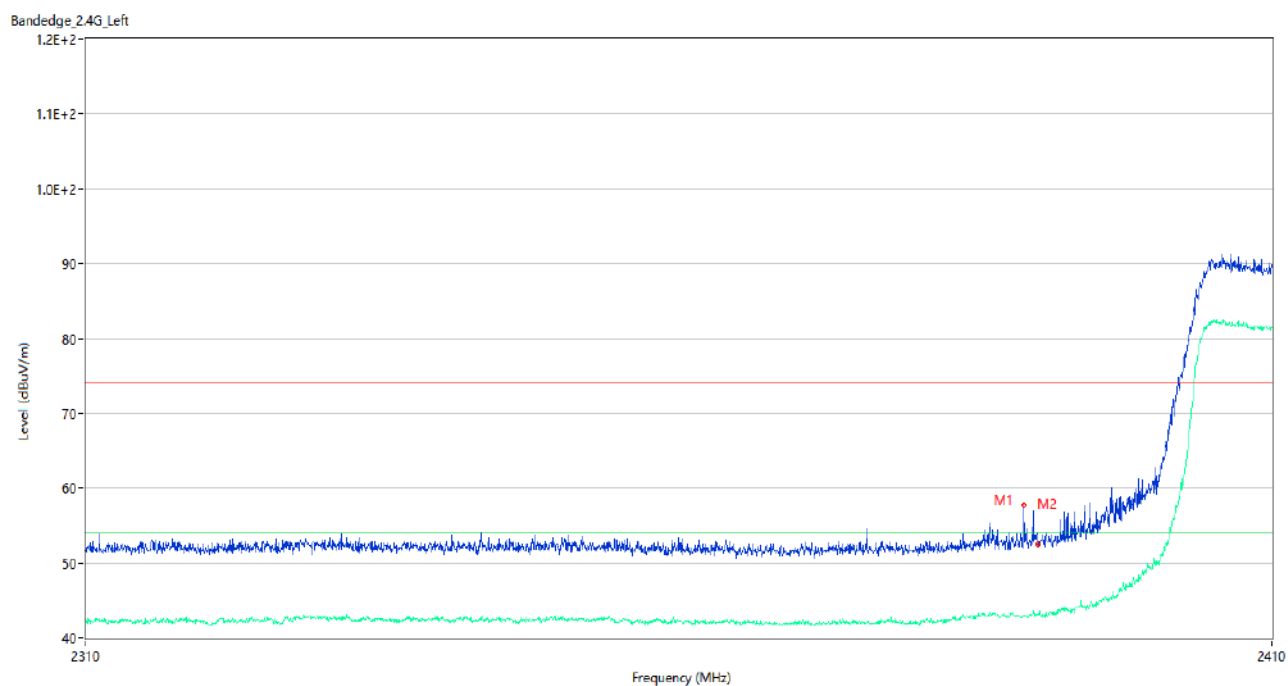
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2314.350	53.94	-1.28	74.0	20.06	Peak	32.00	150	Vertical	Pass
1**	2314.350	42.15	-1.28	54.0	11.85	AV	32.00	150	Vertical	Pass
2	2389.950	52.95	-1.82	74.0	21.05	Peak	256.00	150	Vertical	Pass
2**	2389.950	42.79	-1.82	54.0	11.21	AV	256.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



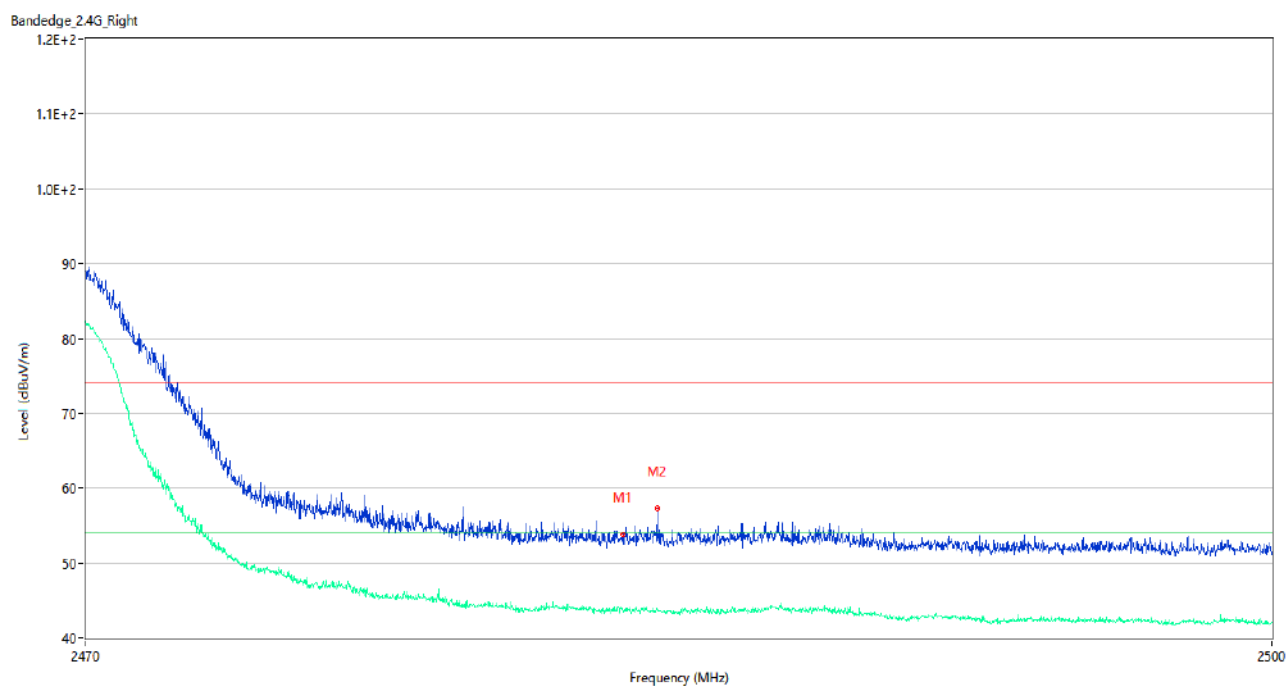
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	52.42	-1.10	74.0	21.58	Peak	154.00	100	Vertical	Pass
1**	2483.515	42.56	-1.10	54.0	11.44	AV	154.00	100	Vertical	Pass
2	2486.635	54.27	-1.10	74.0	19.73	Peak	86.00	100	Vertical	Pass
2**	2486.635	42.73	-1.10	54.0	11.27	AV	86.00	100	Vertical	Pass

802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	57.78	-1.84	74.0	16.22	Peak	282.00	150	Vertical	Pass
1**	2388.750	42.82	-1.84	54.0	11.18	AV	282.00	150	Vertical	Pass
2	2389.950	52.55	-1.82	74.0	21.45	Peak	281.00	150	Vertical	Pass
2**	2389.950	43.17	-1.82	54.0	10.83	AV	281.00	150	Vertical	Pass

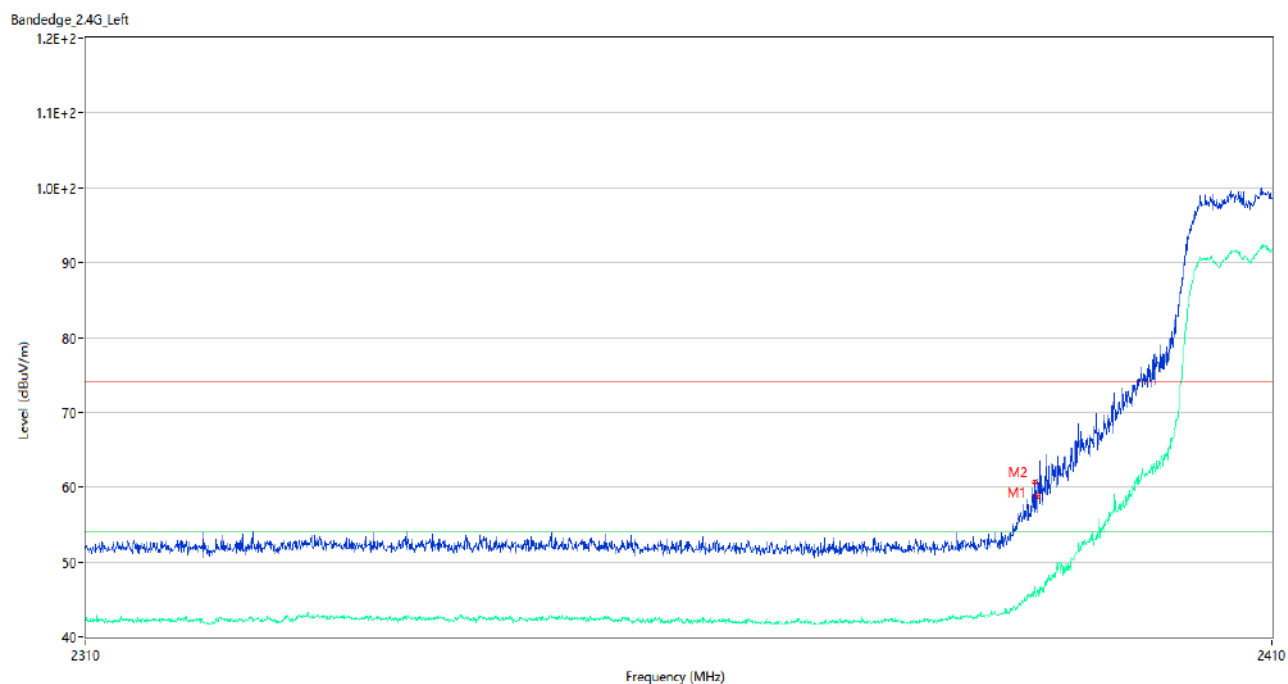
802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	53.88	-1.09	74.0	20.12	Peak	120.00	150	Vertical	Pass
1**	2483.560	43.44	-1.09	54.0	10.56	AV	120.00	150	Vertical	Pass
2	2484.415	57.29	-1.20	74.0	16.71	Peak	134.00	150	Vertical	Pass
2**	2484.415	43.82	-1.20	54.0	10.18	AV	134.00	150	Vertical	Pass

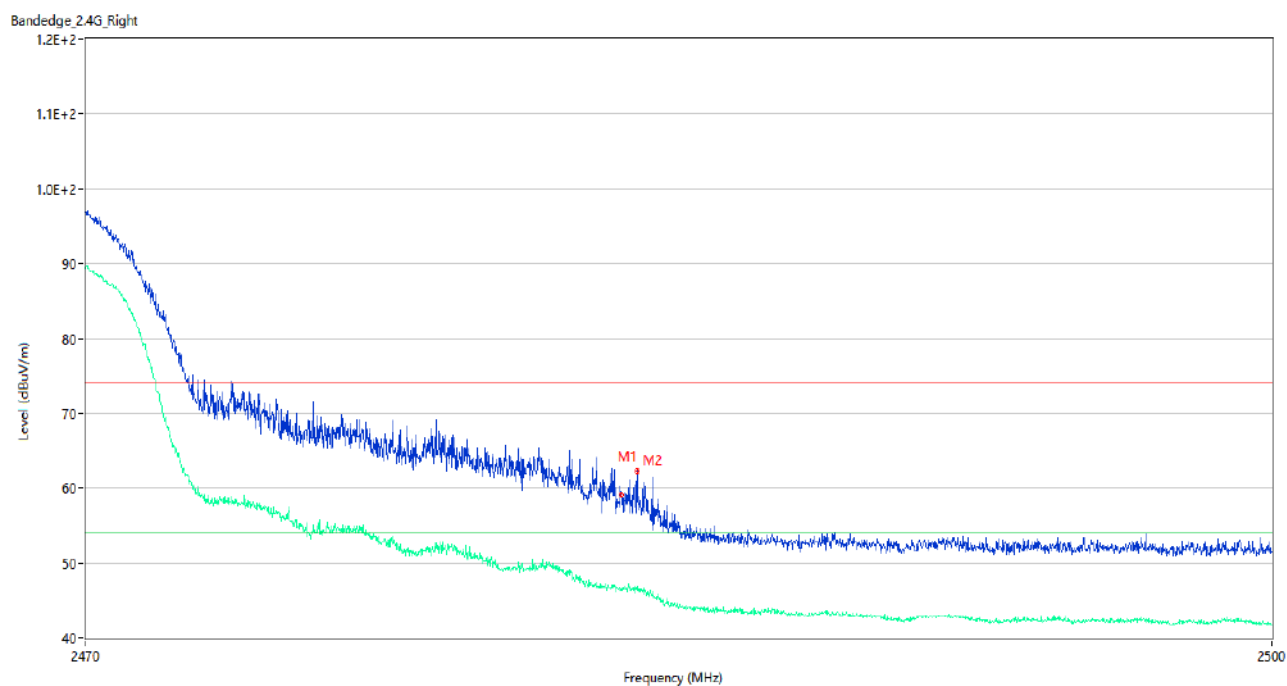
MIMO Antenna

802.11n20 LOW CHANNEL



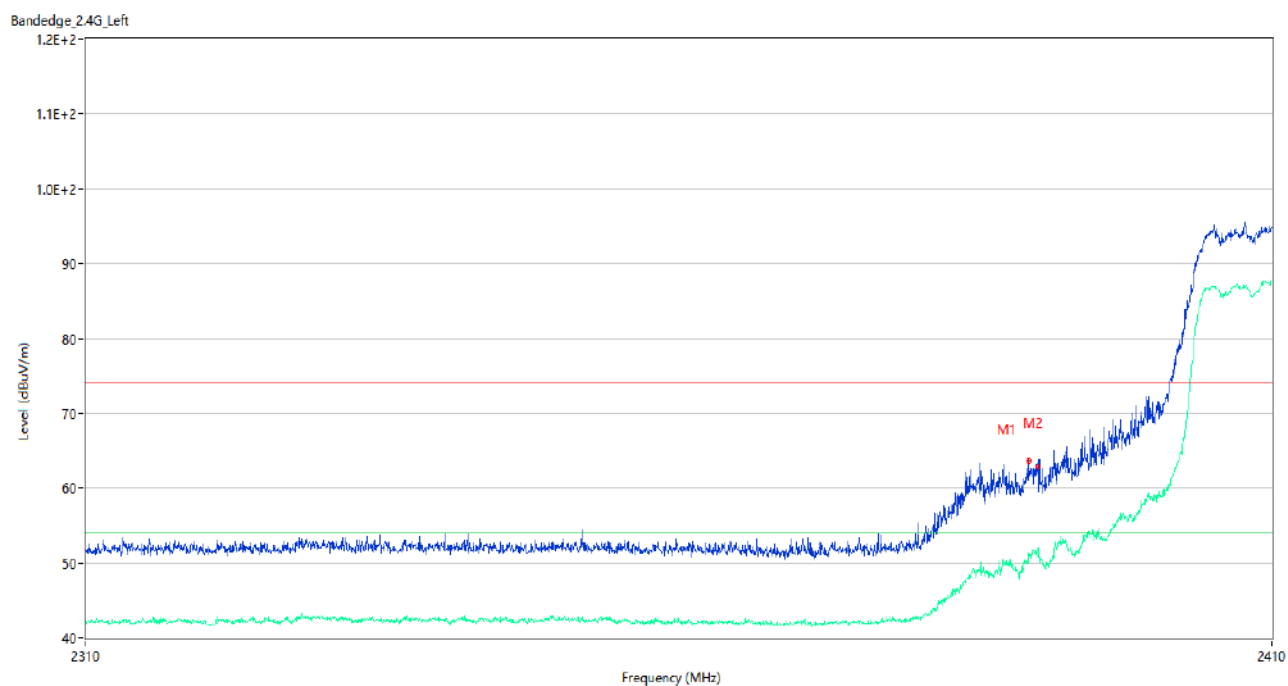
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.700	60.64	-1.76	74.0	13.36	Peak	138.00	200	Vertical	Pass
1**	2389.700	45.87	-1.76	54.0	8.13	AV	138.00	200	Vertical	Pass
2	2389.950	58.77	-1.82	74.0	15.23	Peak	222.00	150	Vertical	Pass
2**	2389.950	46.27	-1.82	54.0	7.73	AV	222.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



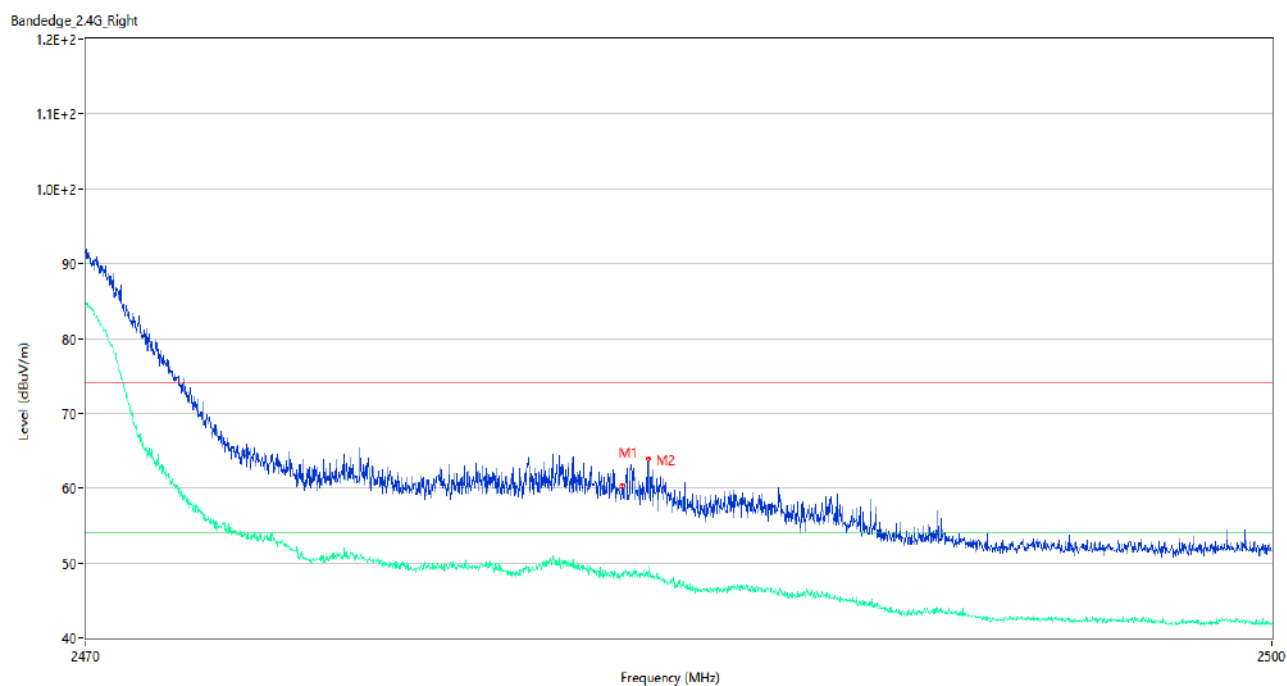
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.20	-1.10	74.0	14.80	Peak	290.00	200	Vertical	Pass
1**	2483.500	46.36	-1.10	54.0	7.64	AV	290.00	200	Vertical	Pass
2	2483.905	62.23	-1.03	74.0	11.77	Peak	283.00	150	Vertical	Pass
2**	2483.905	46.31	-1.03	54.0	7.69	AV	283.00	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	2389.150	63.72	-1.89	74.0	10.28	Peak	293.00	200	Vertical	Pass
1**	2389.150	49.95	-1.89	54.0	4.05	AV	293.00	200	Vertical	Pass
2	2389.950	62.93	-1.82	74.0	11.07	Peak	217.00	100	Vertical	Pass
2**	2389.950	50.85	-1.82	54.0	3.15	AV	217.00	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	2483.530	60.32	-1.10	74.0	13.68	Peak	307.00	150	Vertical	Pass
1**	2483.530	48.61	-1.10	54.0	5.39	AV	307.00	150	Vertical	Pass
2	2484.190	63.95	-1.13	74.0	10.05	Peak	282.00	100	Vertical	Pass
2**	2484.190	48.18	-1.13	54.0	5.82	AV	282.00	100	Vertical	Pass

A.9 Power Spectral Density (PSD)

Note: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

SISO-Antenna 0

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.35	8
Middle	-7.12	8
High	-6.45	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.54	8
Middle	-12.20	8
High	-11.17	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.13	8
Middle	-13.96	8
High	-12.90	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.12	8
Middle	-16.10	8
High	-16.06	8

SISO-Antenna 1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.13	8
Middle	-4.96	8
High	-7.30	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.75	8
Middle	-11.36	8
High	-11.96	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.90	8
Middle	-12.65	8
High	-13.32	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.71	8
Middle	-13.66	8
High	-17.32	8

MIMO-Antenna 0

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.29	8
Middle	-16.97	8
High	-15.94	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.80	8
Middle	-20.11	8
High	-18.25	8

MIMO-Antenna 1

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.15	8
Middle	-16.35	8
High	-15.48	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.92	8
Middle	-17.53	8
High	-20.40	8

MIMO Antenna

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.21	8
Middle	-13.63	8
High	-12.69	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.72	8
Middle	-15.62	8
High	-16.19	8



802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



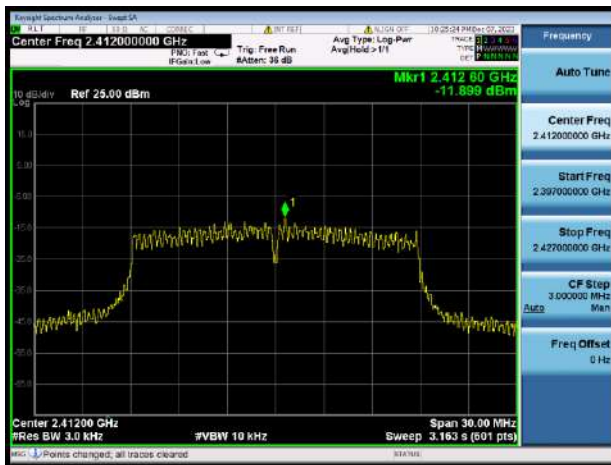
802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



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-Antenna 0

802.11n-20 MHz LOW CHANNEL



MIMO-Antenna 1

802.11n-20 MHz LOW CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23B0294-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23B0294-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23B0294-AI.PDF”.

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--END OF REPORT--