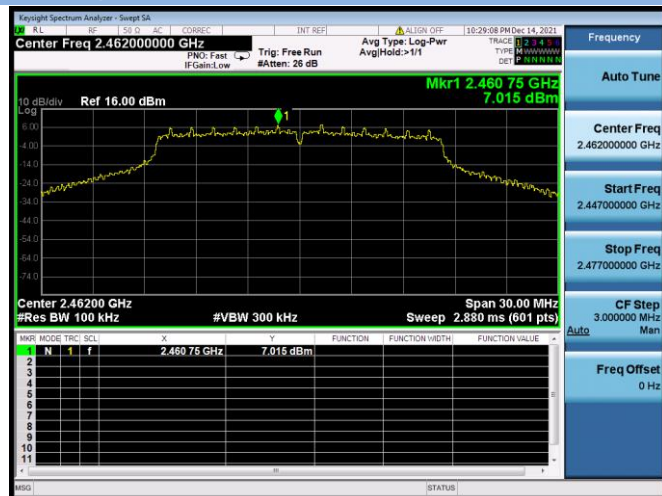
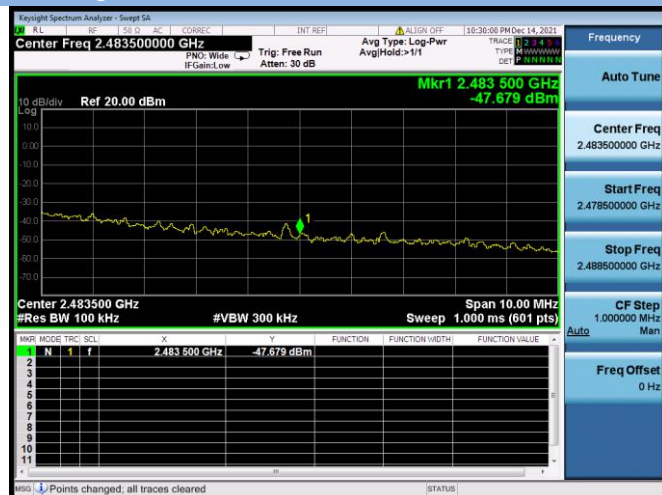


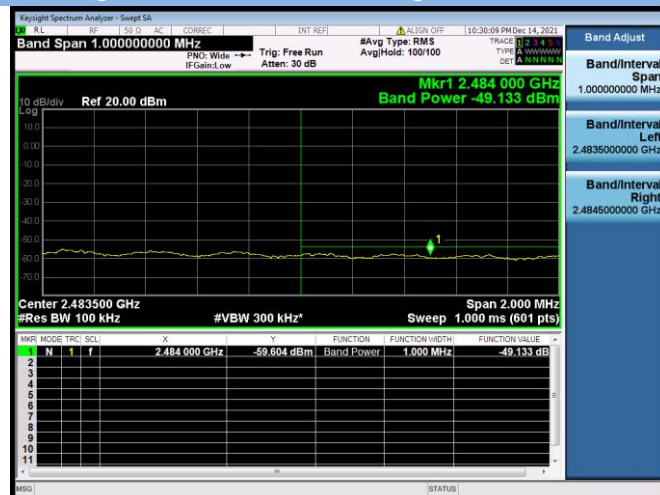
802.11g CHANNEL 11, Carrier level



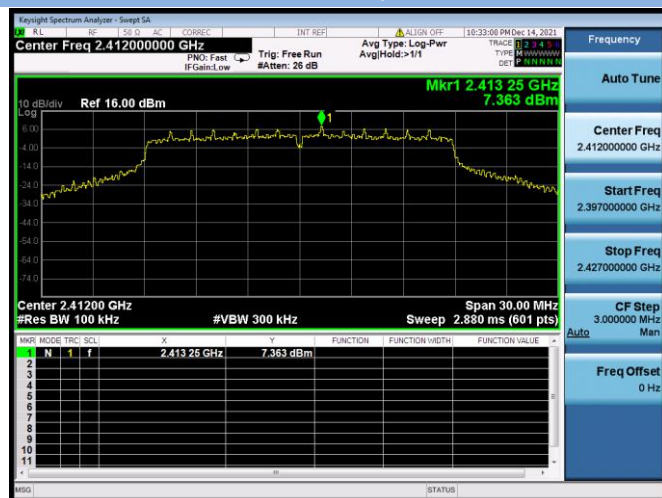
802.11g CHANNEL 11, Reference level



802.11g CHANNEL 11, Band Edge



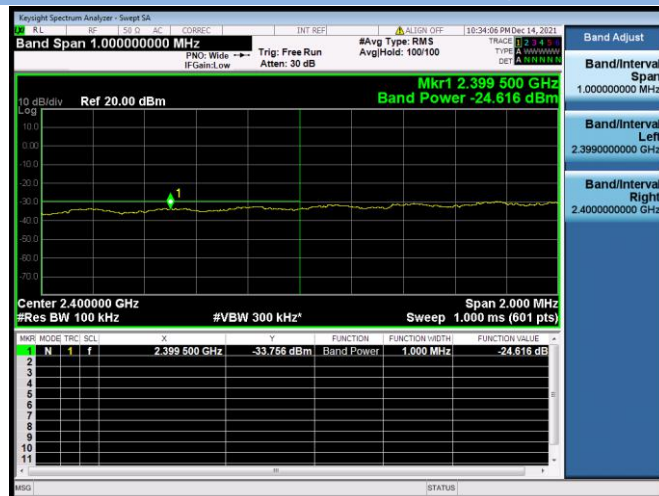
802.11n-20 MHz CHANNEL 1, Carrier level



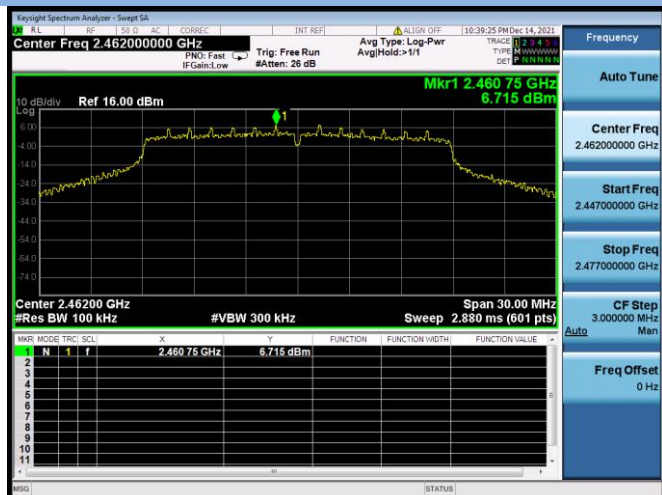
802.11n-20 MHz CHANNEL 1, Reference level



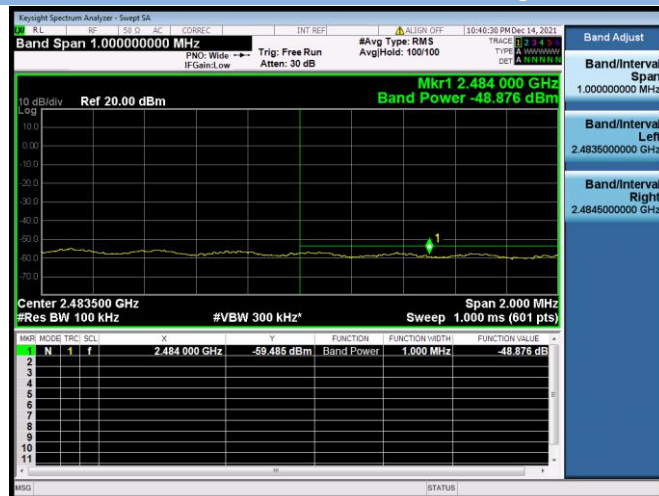
802.11n-20 MHz CHANNEL 1, Band Edge



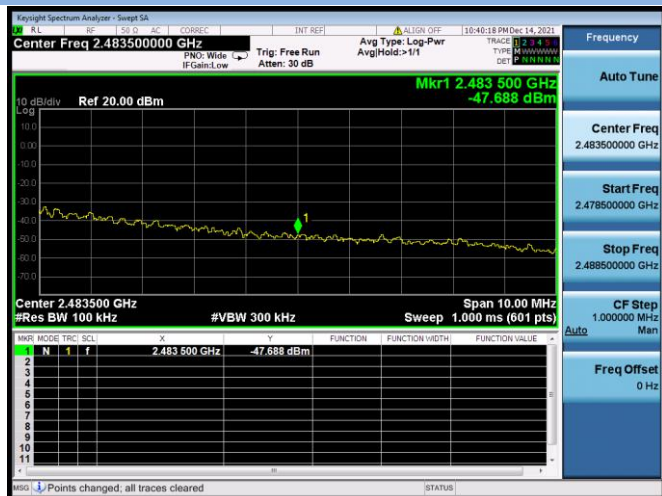
802.11n-20 MHz CHANNEL 11, Carrier level



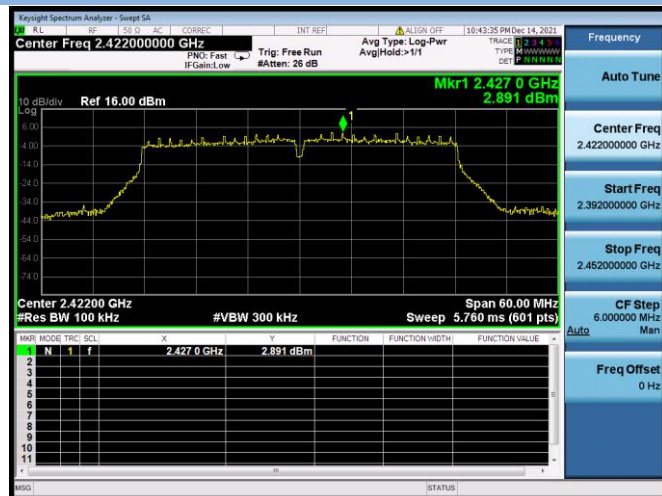
802.11n-20 MHz CHANNEL 11, Band Edge



802.11n-20 MHz CHANNEL 11, Reference level



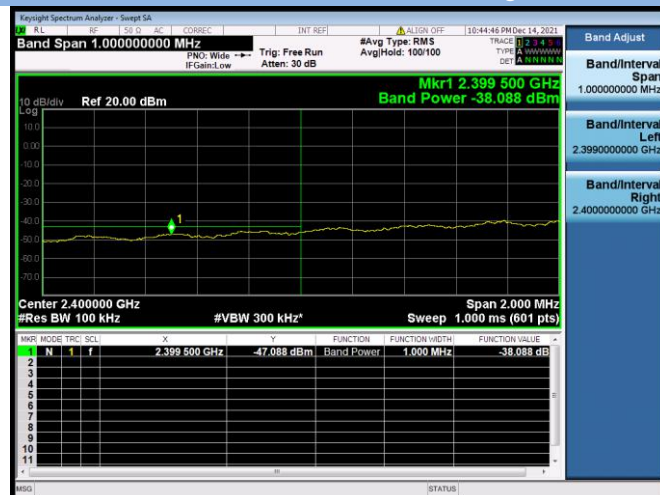
802.11n-40 MHz CHANNEL 3, Carrier level



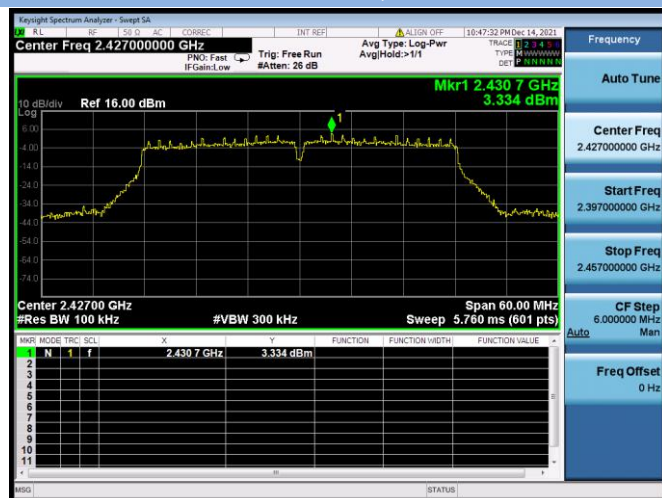
802.11n-40 MHz CHANNEL 3, Reference level



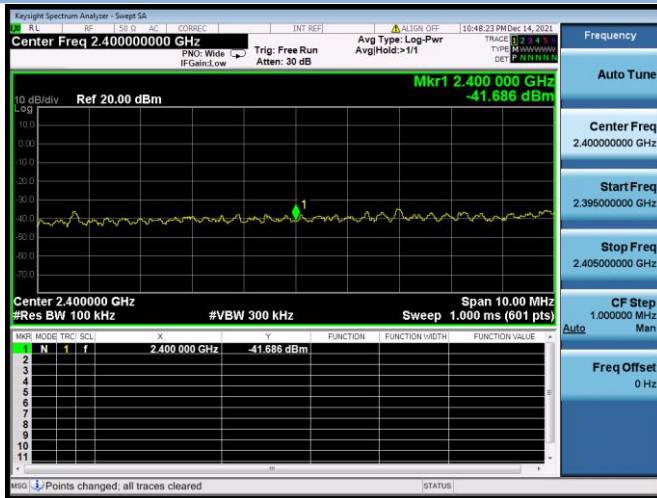
802.11n-40 MHz CHANNEL 3, Band Edge



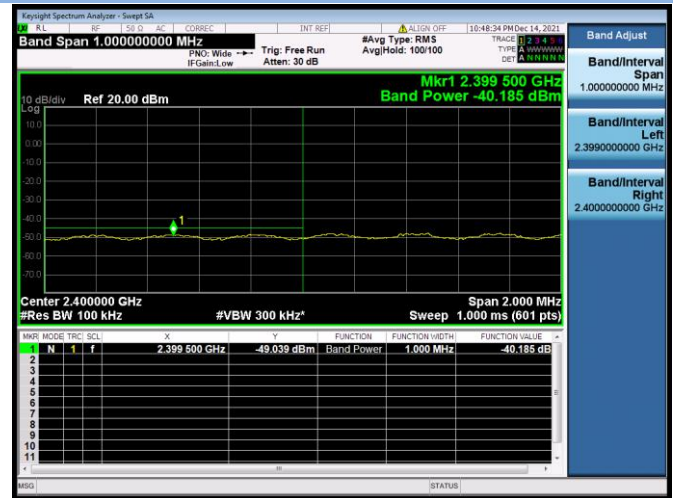
802.11n-40 MHz CHANNEL 4, Carrier level



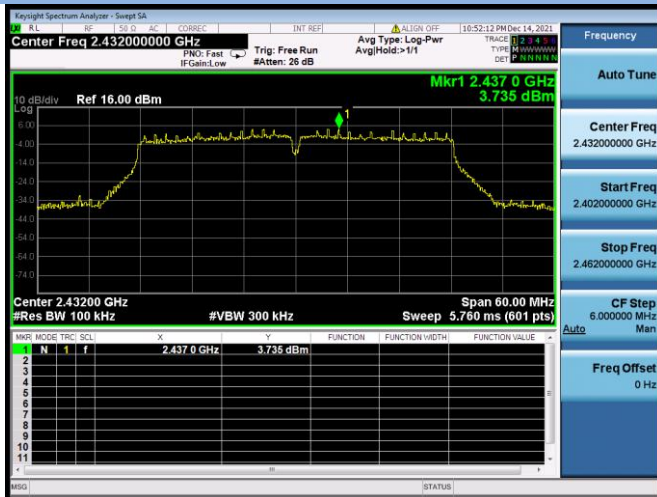
802.11n-40 MHz CHANNEL 4, Reference level



802.11n-40 MHz CHANNEL 4, Band Edge



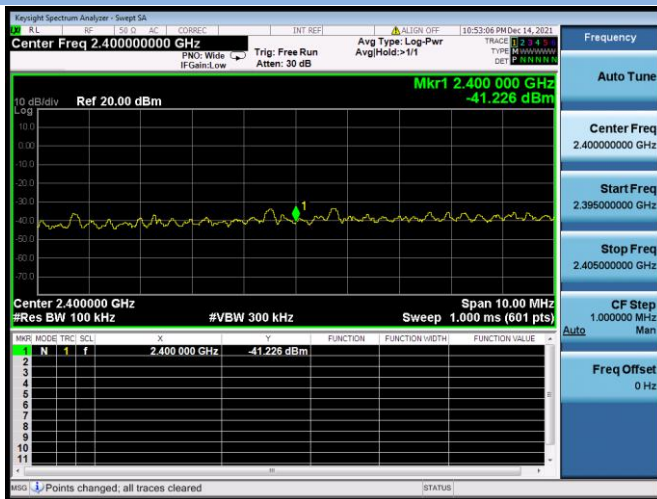
802.11n-40 MHz CHANNEL 5, Carrier level



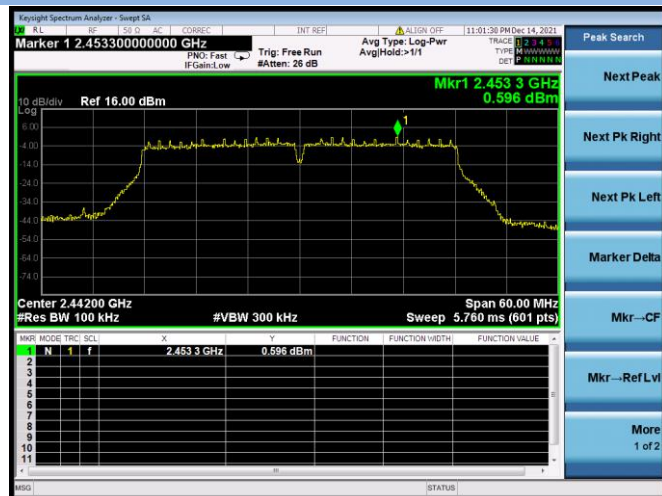
802.11n-40 MHz CHANNEL 5, Band Edge



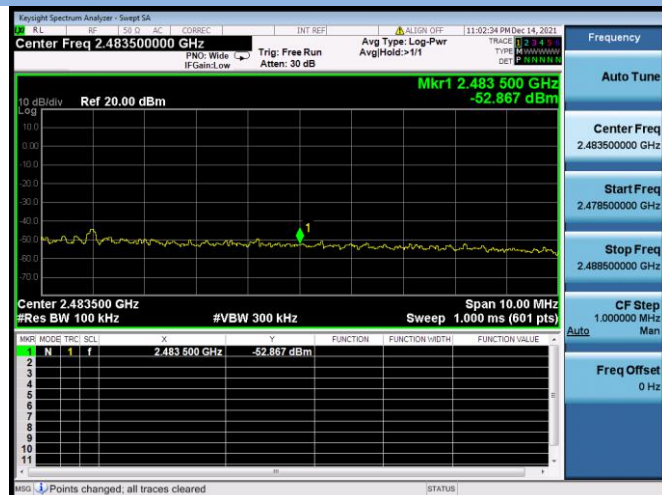
802.11n-40 MHz CHANNEL 5, Reference level



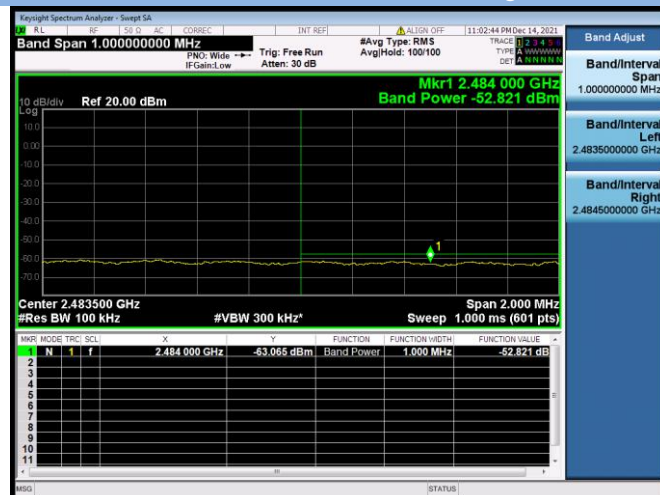
802.11n-40 MHz CHANNEL 7, Carrier level



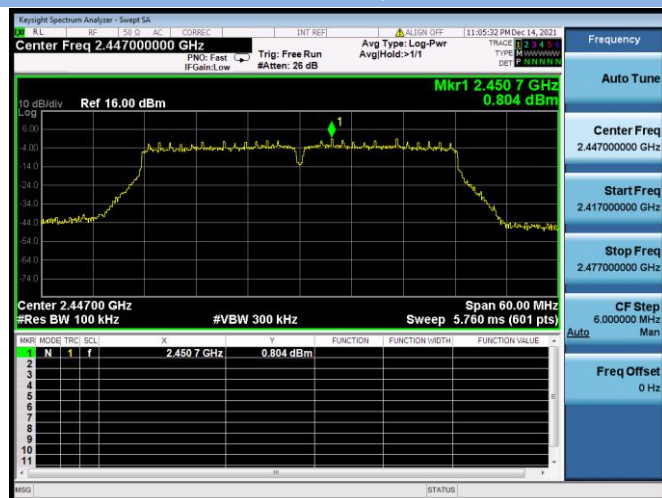
802.11n-40 MHz CHANNEL 7, Reference level



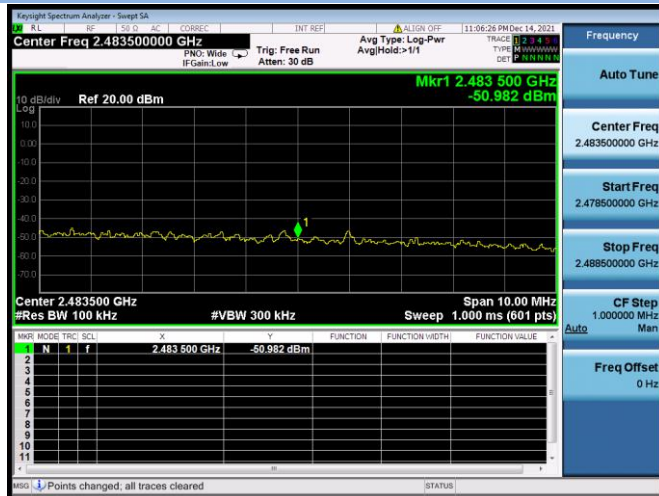
802.11n-40 MHz CHANNEL 7, Band Edge



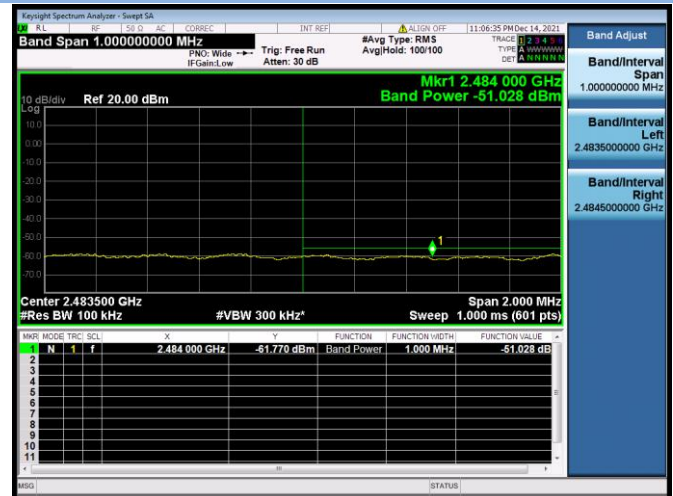
802.11n-40 MHz CHANNEL 8, Carrier level



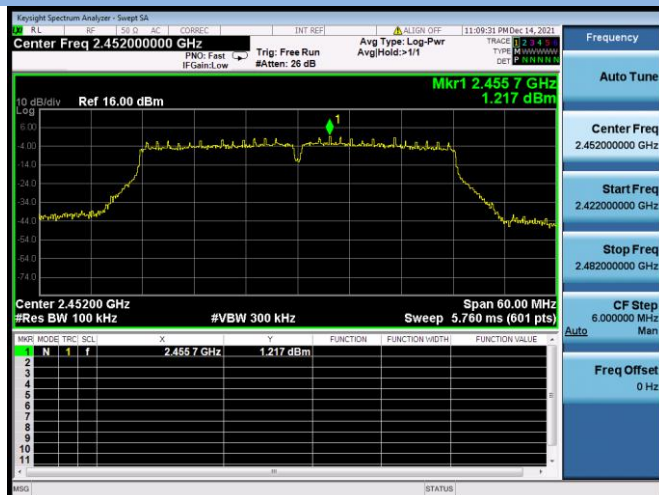
802.11n-40 MHz CHANNEL 8, Reference level



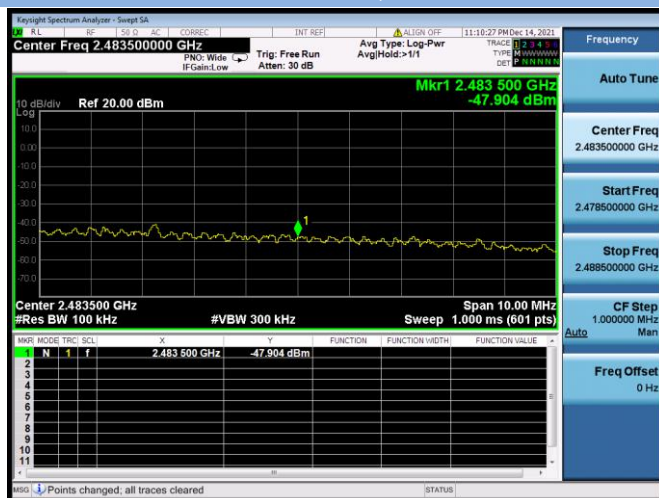
802.11n-40 MHz CHANNEL 8, Band Edge



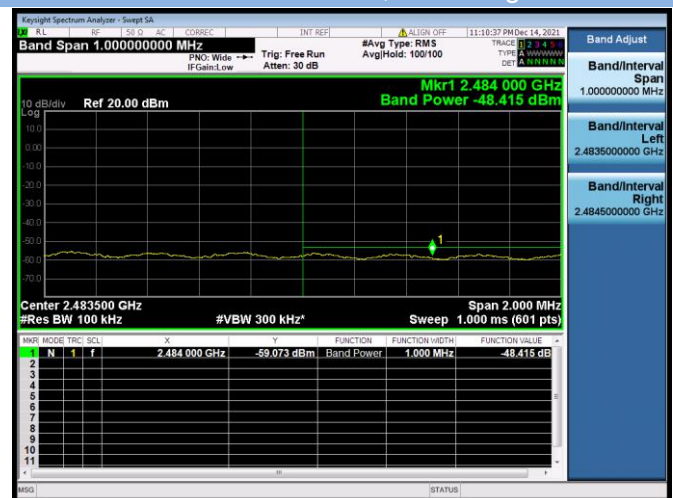
802.11n-40 MHz CHANNEL 9, Carrier level



802.11n-40 MHz CHANNEL 9, Reference level



802.11n-40 MHz CHANNEL 9, Band Edge



A.5 Conducted Emissions

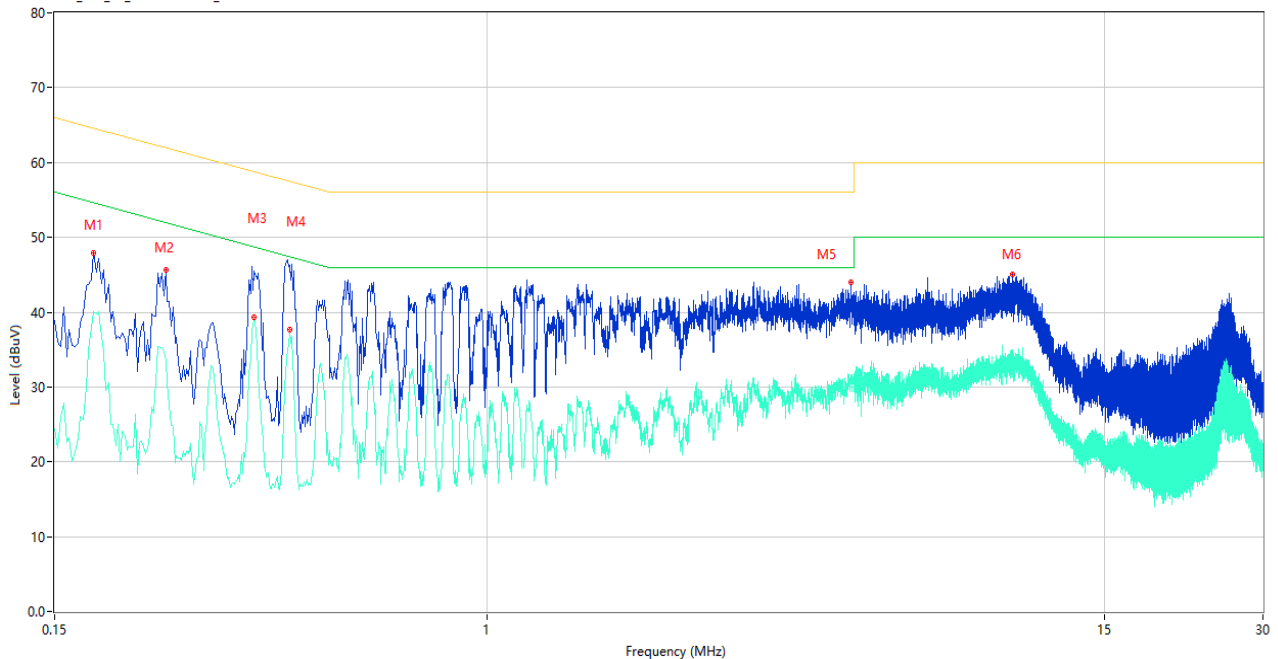
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

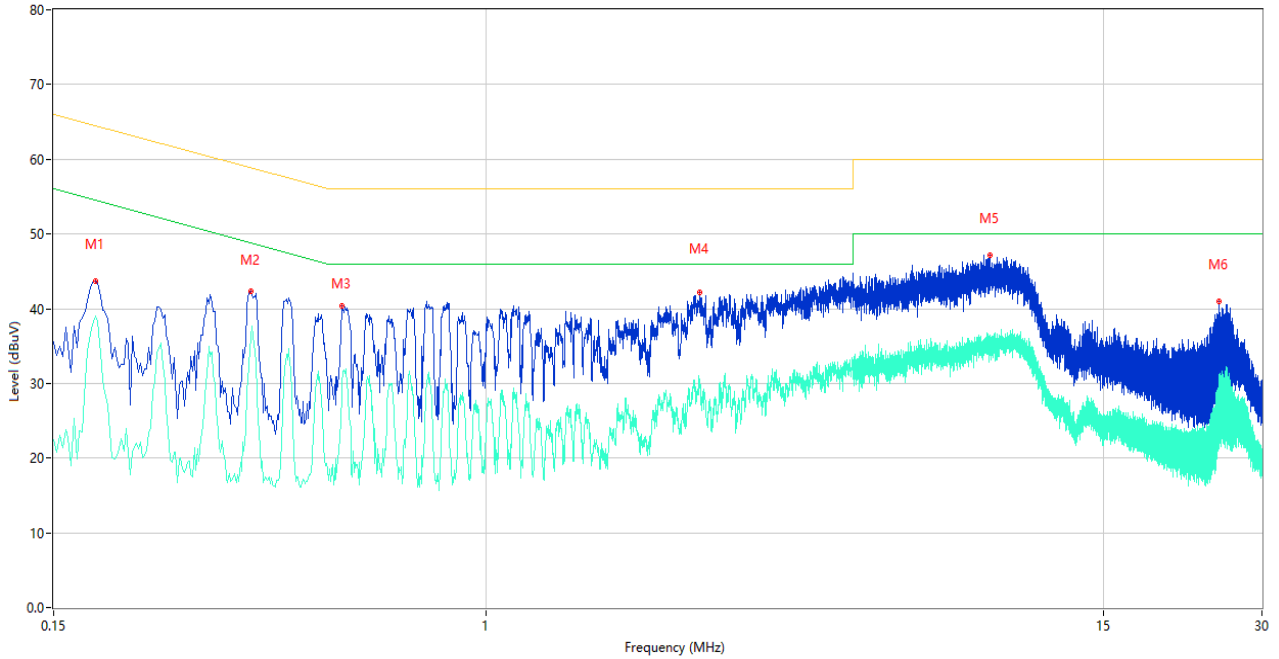
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	47.90	10.14	64.58	-16.68	Peak	L	Pass
1**	0.178	40.09	10.14	54.58	-14.49	AV	L	Pass
2	0.244	45.67	10.08	61.96	-16.29	Peak	L	Pass
2**	0.244	33.38	10.08	51.96	-18.58	AV	L	Pass
3	0.360	45.51	10.08	58.73	-13.22	Peak	L	Pass
3**	0.360	39.25	10.08	48.73	-9.48	AV	L	Pass
4	0.420	46.20	10.09	57.45	-11.25	Peak	L	Pass
4**	0.420	37.63	10.09	47.45	-9.82	AV	L	Pass
5	4.936	44.05	9.94	56.00	-11.95	Peak	L	Pass
5**	4.936	31.61	9.94	46.00	-14.39	AV	L	Pass
6	10.008	44.99	10.10	60.00	-15.01	Peak	L	Pass
6**	10.008	34.60	10.10	50.00	-15.40	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.180	43.62	10.13	64.49	-20.87	Peak	N	Pass
1**	0.180	38.95	10.13	54.49	-15.54	AV	N	Pass
2	0.356	42.38	10.08	58.82	-16.44	Peak	N	Pass
2**	0.356	36.10	10.08	48.82	-12.72	AV	N	Pass
3	0.532	40.40	10.11	56.00	-15.60	Peak	N	Pass
3**	0.532	30.07	10.11	46.00	-15.93	AV	N	Pass
4	2.550	42.15	9.98	56.00	-13.85	Peak	N	Pass
4**	2.550	30.38	9.98	46.00	-15.62	AV	N	Pass
5	9.120	47.12	10.08	60.00	-12.88	Peak	N	Pass
5**	9.120	36.39	10.08	50.00	-13.61	AV	N	Pass
6	24.802	41.03	10.16	60.00	-18.97	Peak	N	Pass
6**	24.802	30.25	10.16	50.00	-19.75	AV	N	Pass

A.6 Radiated Emission

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

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

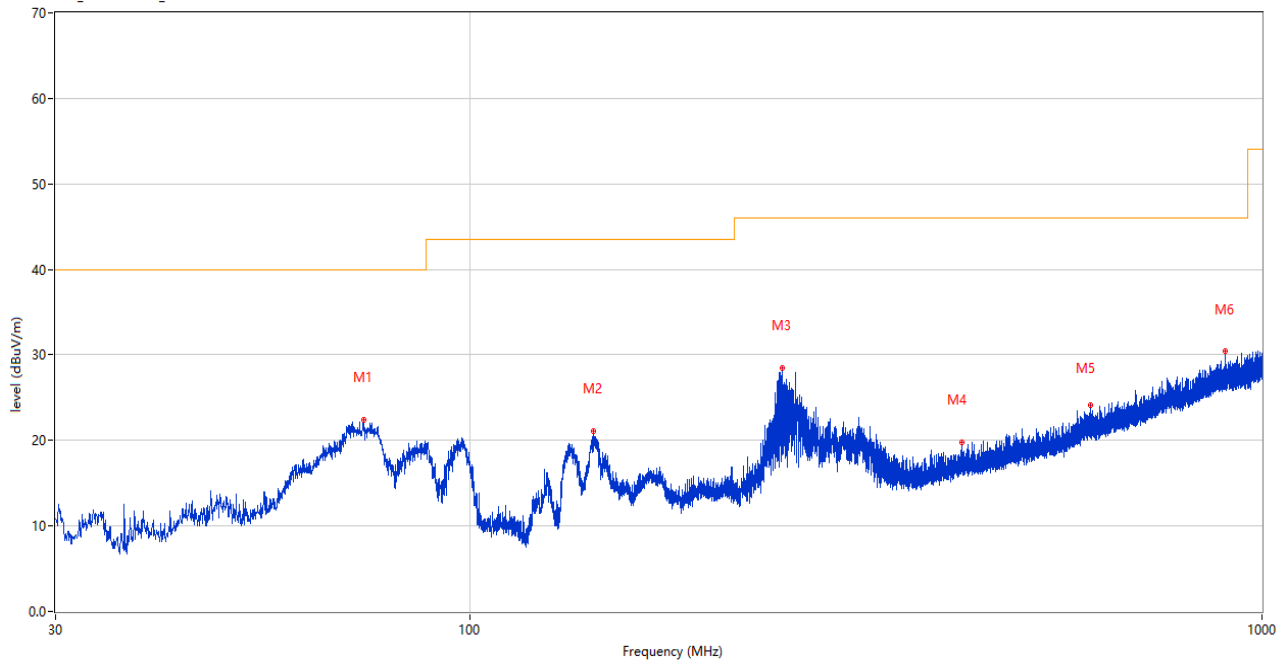
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

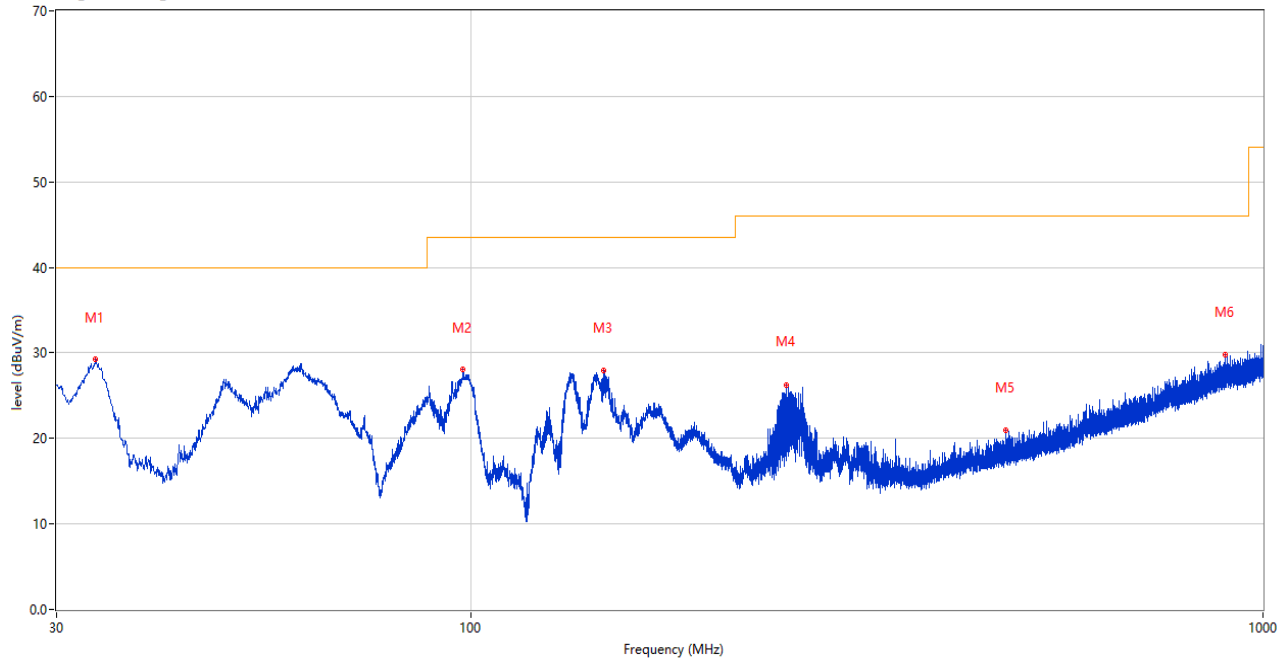
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	73.505	22.37	-30.62	40.0	-17.63	Peak	309.00	200	Horizontal	Pass
2	143.248	21.04	-30.24	43.5	-22.46	Peak	238.00	200	Horizontal	Pass
3	247.959	28.46	-24.95	46.0	-17.54	Peak	77.00	100	Horizontal	Pass
4	417.806	19.71	-20.44	46.0	-26.29	Peak	65.00	200	Horizontal	Pass
5	607.198	24.09	-15.72	46.0	-21.91	Peak	55.00	100	Horizontal	Pass
6	899.362	30.41	-9.94	46.0	-15.59	Peak	314.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.589	29.21	-28.85	40.0	-10.79	Peak	235.00	100	Vertical	Pass
2	97.803	28.02	-27.13	43.5	-15.48	Peak	280.00	100	Vertical	Pass
3	147.128	27.92	-30.23	43.5	-15.58	Peak	299.00	100	Vertical	Pass
4	250.481	26.24	-24.88	46.0	-19.76	Peak	27.00	100	Vertical	Pass
5	473.096	20.90	-19.38	46.0	-25.10	Peak	128.00	100	Vertical	Pass
6	896.161	29.78	-10.00	46.0	-16.22	Peak	0.00	200	Vertical	Pass

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

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	42.18	-17.15	74.0	-31.82	Peak	108.00	150	Horizontal	Pass
1**	1330.300	32.63	-17.15	54.0	-21.37	AV	108.00	150	Horizontal	Pass
2	2412.000	104.75	-12.71	74.0	30.75	Peak	345.00	150	Horizontal	N/A
2**	2412.000	100.93	-12.71	54.0	46.93	AV	345.00	150	Horizontal	N/A
3	4824.000	50.34	-2.06	74.0	-23.66	Peak	132.00	150	Horizontal	Pass
3**	4824.000	46.23	-2.06	54.0	-7.77	AV	132.00	150	Horizontal	Pass
4	6656.750	53.54	-0.32	74.0	-20.46	Peak	45.00	150	Horizontal	Pass
4**	6656.750	44.30	-0.32	54.0	-9.70	AV	45.00	150	Horizontal	Pass
5	12506.000	51.54	-0.22	74.0	-22.46	Peak	342.00	150	Horizontal	Pass
5**	12506.000	43.18	-0.22	54.0	-10.82	AV	342.00	150	Horizontal	Pass
6	17141.000	51.04	-1.62	74.0	-22.96	Peak	220.00	150	Horizontal	Pass
6**	17141.000	41.62	-1.62	54.0	-12.38	AV	220.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.600	42.84	-17.13	74.0	-31.16	Peak	14.00	150	Vertical	Pass
1**	1593.600	33.18	-17.13	54.0	-20.82	AV	14.00	150	Vertical	Pass
2	2412.000	94.99	-12.71	74.0	20.99	Peak	131.00	150	Vertical	N/A
2**	2412.000	90.51	-12.71	54.0	36.51	AV	131.00	150	Vertical	N/A
3	4823.750	50.66	-2.04	74.0	-23.34	Peak	40.00	150	Vertical	Pass
3**	4823.750	42.46	-2.04	54.0	-11.54	AV	40.00	150	Vertical	Pass
4	7963.000	53.64	1.28	74.0	-20.36	Peak	303.00	150	Vertical	Pass
4**	7963.000	44.49	1.28	54.0	-9.51	AV	303.00	150	Vertical	Pass
5	12504.001	51.64	-0.17	74.0	-22.36	Peak	315.00	150	Vertical	Pass
5**	12504.001	43.05	-0.17	54.0	-10.95	AV	315.00	150	Vertical	Pass
6	17176.001	50.85	-2.25	74.0	-23.15	Peak	190.00	150	Vertical	Pass
6**	17176.001	41.00	-2.25	54.0	-13.00	AV	190.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.200	41.63	-17.36	74.0	-32.37	Peak	325.00	150	Horizontal	Pass
1**	1445.200	31.39	-17.36	54.0	-22.61	AV	325.00	150	Horizontal	Pass
2	2438.400	105.32	-12.55	74.0	31.32	Peak	349.00	150	Horizontal	N/A
2**	2438.400	102.43	-12.55	54.0	48.43	AV	349.00	150	Horizontal	N/A
3	4874.250	50.07	-2.15	74.0	-23.93	Peak	155.00	150	Horizontal	Pass
3**	4874.250	46.53	-2.15	54.0	-7.47	AV	155.00	150	Horizontal	Pass
4	7560.500	54.29	0.95	74.0	-19.71	Peak	142.00	150	Horizontal	Pass
4**	7560.500	45.85	0.95	54.0	-8.15	AV	142.00	150	Horizontal	Pass
5	13270.500	52.10	-0.21	74.0	-21.90	Peak	-2.00	150	Horizontal	Pass
5**	13270.500	41.67	-0.21	54.0	-12.33	AV	-2.00	150	Horizontal	Pass
6	17112.500	50.07	-1.45	74.0	-23.93	Peak	281.00	150	Horizontal	Pass
6**	17112.500	41.36	-1.45	54.0	-12.64	AV	281.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	43.58	-17.09	74.0	-30.42	Peak	98.00	150	Vertical	Pass
1**	1327.300	31.57	-17.09	54.0	-22.43	AV	98.00	150	Vertical	Pass
2	2437.000	96.12	-12.38	74.0	22.12	Peak	133.00	150	Vertical	N/A
2**	2437.000	91.97	-12.38	54.0	37.97	AV	133.00	150	Vertical	N/A
3	4967.250	50.69	-1.57	74.0	-23.31	Peak	307.00	150	Vertical	Pass
3**	4967.250	40.95	-1.57	54.0	-13.05	AV	307.00	150	Vertical	Pass
4	7577.000	54.25	1.20	74.0	-19.75	Peak	139.00	150	Vertical	Pass
4**	7577.000	44.87	1.20	54.0	-9.13	AV	139.00	150	Vertical	Pass
5	13396.000	51.88	1.45	74.0	-22.12	Peak	361.00	150	Vertical	Pass
5**	13396.000	42.38	1.45	54.0	-11.62	AV	361.00	150	Vertical	Pass
6	17137.500	50.75	-1.60	74.0	-23.25	Peak	-1.00	150	Vertical	Pass
6**	17137.500	41.99	-1.60	54.0	-12.01	AV	-1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	42.62	-17.26	74.0	-31.38	Peak	114.00	150	Horizontal	Pass
1**	1597.000	31.71	-17.26	54.0	-22.29	AV	114.00	150	Horizontal	Pass
2	2460.800	104.45	-12.92	74.0	30.45	Peak	194.00	150	Horizontal	N/A
2**	2460.800	101.57	-12.92	54.0	47.57	AV	194.00	150	Horizontal	N/A
3	4924.250	50.92	-1.73	74.0	-23.08	Peak	148.00	150	Horizontal	Pass
3**	4924.250	46.05	-1.73	54.0	-7.95	AV	148.00	150	Horizontal	Pass
4	7964.000	54.79	1.60	74.0	-19.21	Peak	326.00	150	Horizontal	Pass
4**	7964.000	44.79	1.60	54.0	-9.21	AV	326.00	150	Horizontal	Pass
5	12510.500	51.56	-0.32	74.0	-22.44	Peak	304.00	150	Horizontal	Pass
5**	12510.500	42.63	-0.32	54.0	-11.37	AV	304.00	150	Horizontal	Pass
6	17139.500	50.55	-1.61	74.0	-23.45	Peak	274.00	150	Horizontal	Pass
6**	17139.500	41.67	-1.61	54.0	-12.33	AV	274.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1244.400	41.43	-17.02	74.0	-32.57	Peak	127.00	150	Vertical	Pass
1**	1244.400	31.63	-17.02	54.0	-22.37	AV	127.00	150	Vertical	Pass
2	2460.700	95.60	-12.91	74.0	21.60	Peak	276.00	150	Vertical	N/A
2**	2460.700	92.66	-12.91	54.0	38.66	AV	276.00	150	Vertical	N/A
3	5775.250	52.55	-1.05	74.0	-21.45	Peak	290.00	150	Vertical	Pass
3**	5775.250	42.63	-1.05	54.0	-11.37	AV	290.00	150	Vertical	Pass
4	7579.250	54.07	1.30	74.0	-19.93	Peak	339.00	150	Vertical	Pass
4**	7579.250	45.12	1.30	54.0	-8.88	AV	339.00	150	Vertical	Pass
5	13391.000	52.24	1.48	74.0	-21.76	Peak	359.00	150	Vertical	Pass
5**	13391.000	42.96	1.48	54.0	-11.04	AV	359.00	150	Vertical	Pass
6	17165.500	50.37	-2.01	74.0	-23.63	Peak	335.00	150	Vertical	Pass
6**	17165.500	41.98	-2.01	54.0	-12.02	AV	335.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1267.700	41.58	-17.09	74.0	-32.42	Peak	69.00	150	Horizontal	Pass
1**	1267.700	31.96	-17.09	54.0	-22.04	AV	69.00	150	Horizontal	Pass
2	2415.300	107.34	-12.73	74.0	33.34	Peak	347.00	150	Horizontal	N/A
2**	2415.300	99.88	-12.73	54.0	45.88	AV	347.00	150	Horizontal	N/A
3	5530.750	52.17	-0.48	74.0	-21.83	Peak	277.00	150	Horizontal	Pass
3**	5530.750	43.21	-0.48	54.0	-10.79	AV	277.00	150	Horizontal	Pass
4	7569.250	54.78	1.21	74.0	-19.22	Peak	228.00	150	Horizontal	Pass
4**	7569.250	46.49	1.21	54.0	-7.51	AV	228.00	150	Horizontal	Pass
5	13453.500	52.78	0.78	74.0	-21.22	Peak	187.00	150	Horizontal	Pass
5**	13453.500	42.01	0.78	54.0	-11.99	AV	187.00	150	Horizontal	Pass
6	17123.000	50.88	-1.51	74.0	-23.12	Peak	362.00	150	Horizontal	Pass
6**	17123.000	42.14	-1.51	54.0	-11.86	AV	362.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	41.76	-17.08	74.0	-32.24	Peak	252.00	150	Vertical	Pass
1**	1330.000	32.16	-17.08	54.0	-21.84	AV	252.00	150	Vertical	Pass
2	2412.800	97.50	-12.79	74.0	23.50	Peak	128.00	150	Vertical	N/A
2**	2412.800	90.17	-12.79	54.0	36.17	AV	128.00	150	Vertical	N/A
3	4677.250	50.46	-2.36	74.0	-23.54	Peak	244.00	150	Vertical	Pass
3**	4677.250	41.62	-2.36	54.0	-12.38	AV	244.00	150	Vertical	Pass
4	7559.000	54.84	0.70	74.0	-19.16	Peak	295.00	150	Vertical	Pass
4**	7559.000	44.86	0.70	54.0	-9.14	AV	295.00	150	Vertical	Pass
5	13522.500	52.04	0.75	74.0	-21.96	Peak	312.00	150	Vertical	Pass
5**	13522.500	42.63	0.75	54.0	-11.37	AV	312.00	150	Vertical	Pass
6	17121.500	50.48	-1.50	74.0	-23.52	Peak	312.00	150	Vertical	Pass
6**	17121.500	41.50	-1.50	54.0	-12.50	AV	312.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1303.500	41.87	-17.09	74.0	-32.13	Peak	264.00	150	Horizontal	Pass
1**	1303.500	32.41	-17.09	54.0	-21.59	AV	264.00	150	Horizontal	Pass
2	2434.600	107.68	-12.45	74.0	33.68	Peak	345.00	150	Horizontal	N/A
2**	2434.600	99.57	-12.45	54.0	45.57	AV	345.00	150	Horizontal	N/A
3	4957.250	51.62	-1.72	74.0	-22.38	Peak	325.00	150	Horizontal	Pass
3**	4957.250	41.10	-1.72	54.0	-12.90	AV	325.00	150	Horizontal	Pass
4	7580.500	53.96	1.21	74.0	-20.04	Peak	139.00	150	Horizontal	Pass
4**	7580.500	45.51	1.21	54.0	-8.49	AV	139.00	150	Horizontal	Pass
5	11941.500	51.05	-0.86	74.0	-22.95	Peak	250.00	150	Horizontal	Pass
5**	11941.500	42.67	-0.86	54.0	-11.33	AV	250.00	150	Horizontal	Pass
6	17118.500	50.92	-1.49	74.0	-23.08	Peak	75.00	150	Horizontal	Pass
6**	17118.500	41.96	-1.49	54.0	-12.04	AV	75.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1340.200	41.40	-17.26	74.0	-32.60	Peak	104.00	150	Vertical	Pass
1**	1340.200	32.68	-17.26	54.0	-21.32	AV	104.00	150	Vertical	Pass
2	2439.300	98.09	-12.57	74.0	24.09	Peak	260.00	150	Vertical	N/A
2**	2439.300	91.61	-12.57	54.0	37.61	AV	260.00	150	Vertical	N/A
3	5632.000	52.84	-0.25	74.0	-21.16	Peak	6.00	150	Vertical	Pass
3**	5632.000	42.41	-0.25	54.0	-11.59	AV	6.00	150	Vertical	Pass
4	7584.000	54.48	1.41	74.0	-19.52	Peak	192.00	150	Vertical	Pass
4**	7584.000	44.90	1.41	54.0	-9.10	AV	192.00	150	Vertical	Pass
5	13363.000	52.85	1.64	74.0	-21.15	Peak	362.00	150	Vertical	Pass
5**	13363.000	42.83	1.64	54.0	-11.17	AV	362.00	150	Vertical	Pass
6	17131.000	50.32	-1.56	74.0	-23.68	Peak	286.00	150	Vertical	Pass
6**	17131.000	42.15	-1.56	54.0	-11.85	AV	286.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1367.500	41.37	-17.01	74.0	-32.63	Peak	150.00	150	Horizontal	Pass
1**	1367.500	31.64	-17.01	54.0	-22.36	AV	150.00	150	Horizontal	Pass
2	2460.900	106.42	-12.93	74.0	32.42	Peak	199.00	150	Horizontal	N/A
2**	2460.900	99.49	-12.93	54.0	45.49	AV	199.00	150	Horizontal	N/A
3	5552.000	51.74	-0.49	74.0	-22.26	Peak	179.00	150	Horizontal	Pass
3**	5552.000	42.84	-0.49	54.0	-11.16	AV	179.00	150	Horizontal	Pass
4	7527.000	53.91	-0.00	74.0	-20.09	Peak	79.00	150	Horizontal	Pass
4**	7527.000	43.82	-0.00	54.0	-10.18	AV	79.00	150	Horizontal	Pass
5	13396.000	52.74	1.45	74.0	-21.26	Peak	189.00	150	Horizontal	Pass
5**	13396.000	43.64	1.45	54.0	-10.36	AV	189.00	150	Horizontal	Pass
6	17148.000	51.18	-1.66	74.0	-22.82	Peak	68.00	150	Horizontal	Pass
6**	17148.000	42.01	-1.66	54.0	-11.99	AV	68.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1410.600	41.57	-16.91	74.0	-32.43	Peak	0.00	150	Vertical	Pass
1**	1410.600	32.13	-16.91	54.0	-21.87	AV	0.00	150	Vertical	Pass
2	2459.500	96.09	-12.87	74.0	22.09	Peak	258.00	150	Vertical	N/A
2**	2459.500	87.57	-12.87	54.0	33.57	AV	258.00	150	Vertical	N/A
3	5720.250	52.29	-0.87	74.0	-21.71	Peak	339.00	150	Vertical	Pass
3**	5720.250	42.29	-0.87	54.0	-11.71	AV	339.00	150	Vertical	Pass
4	7594.000	54.50	0.81	74.0	-19.50	Peak	154.00	150	Vertical	Pass
4**	7594.000	45.18	0.81	54.0	-8.82	AV	154.00	150	Vertical	Pass
5	13402.500	52.59	1.40	74.0	-21.41	Peak	266.00	150	Vertical	Pass
5**	13402.500	43.38	1.40	54.0	-10.62	AV	266.00	150	Vertical	Pass
6	17137.500	50.81	-1.60	74.0	-23.19	Peak	149.00	150	Vertical	Pass
6**	17137.500	41.47	-1.60	54.0	-12.53	AV	149.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.300	41.19	-16.75	74.0	-32.81	Peak	71.00	150	Horizontal	Pass
1**	1347.300	32.49	-16.75	54.0	-21.51	AV	71.00	150	Horizontal	Pass
2	2411.100	108.03	-12.74	74.0	34.03	Peak	344.00	150	Horizontal	N/A
2**	2411.100	100.25	-12.74	54.0	46.25	AV	344.00	150	Horizontal	N/A
3	5018.250	51.05	-1.44	74.0	-22.95	Peak	323.00	150	Horizontal	Pass
3**	5018.250	41.71	-1.44	54.0	-12.29	AV	323.00	150	Horizontal	Pass
4	7576.000	54.59	1.10	74.0	-19.41	Peak	88.00	150	Horizontal	Pass
4**	7576.000	44.72	1.10	54.0	-9.28	AV	88.00	150	Horizontal	Pass
5	13387.500	53.21	1.50	74.0	-20.79	Peak	185.00	150	Horizontal	Pass
5**	13387.500	43.66	1.50	54.0	-10.34	AV	185.00	150	Horizontal	Pass
6	17134.500	51.78	-1.58	74.0	-22.22	Peak	157.00	150	Horizontal	Pass
6**	17134.500	41.84	-1.58	54.0	-12.16	AV	157.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.500	42.21	-17.01	74.0	-31.79	Peak	86.00	150	Vertical	Pass
1**	1296.500	31.91	-17.01	54.0	-22.09	AV	86.00	150	Vertical	Pass
2	2410.900	97.11	-12.73	74.0	23.11	Peak	265.00	150	Vertical	N/A
2**	2410.900	89.24	-12.73	54.0	35.24	AV	265.00	150	Vertical	N/A
3	5546.250	51.98	-0.48	74.0	-22.02	Peak	0.00	150	Vertical	Pass
3**	5546.250	43.37	-0.48	54.0	-10.63	AV	0.00	150	Vertical	Pass
4	7600.500	53.98	0.56	74.0	-20.02	Peak	183.00	150	Vertical	Pass
4**	7600.500	45.13	0.56	54.0	-8.87	AV	183.00	150	Vertical	Pass
5	11046.000	51.91	-1.05	74.0	-22.09	Peak	269.00	150	Vertical	Pass
5**	11046.000	42.42	-1.05	54.0	-11.58	AV	269.00	150	Vertical	Pass
6	17135.500	50.37	-1.58	74.0	-23.63	Peak	352.00	150	Vertical	Pass
6**	17135.500	41.97	-1.58	54.0	-12.03	AV	352.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1346.200	41.44	-16.90	74.0	-32.56	Peak	34.00	150	Horizontal	Pass
1**	1346.200	31.96	-16.90	54.0	-22.04	AV	34.00	150	Horizontal	Pass
2	2438.400	107.60	-12.55	74.0	33.60	Peak	3.00	150	Horizontal	N/A
2**	2438.400	100.68	-12.55	54.0	46.68	AV	3.00	150	Horizontal	N/A
3	4660.250	50.84	-2.32	74.0	-23.16	Peak	4.00	150	Horizontal	Pass
3**	4660.250	40.88	-2.32	54.0	-13.12	AV	4.00	150	Horizontal	Pass
4	7967.000	55.01	2.03	74.0	-18.99	Peak	326.00	150	Horizontal	Pass
4**	7967.000	46.00	2.03	54.0	-8.00	AV	326.00	150	Horizontal	Pass
5	11930.500	51.75	-0.90	74.0	-22.25	Peak	213.00	150	Horizontal	Pass
5**	11930.500	41.71	-0.90	54.0	-12.29	AV	213.00	150	Horizontal	Pass
6	17127.500	50.78	-1.54	74.0	-23.22	Peak	115.00	150	Horizontal	Pass
6**	17127.500	42.52	-1.54	54.0	-11.48	AV	115.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1337.100	41.28	-17.06	74.0	-32.72	Peak	202.00	150	Vertical	Pass
1**	1337.100	31.74	-17.06	54.0	-22.26	AV	202.00	150	Vertical	Pass
2	2439.700	97.55	-12.58	74.0	23.55	Peak	125.00	150	Vertical	N/A
2**	2439.700	89.54	-12.58	54.0	35.54	AV	125.00	150	Vertical	N/A
3	5114.750	51.20	-1.30	74.0	-22.80	Peak	249.00	150	Vertical	Pass
3**	5114.750	41.63	-1.30	54.0	-12.37	AV	249.00	150	Vertical	Pass
4	7558.250	54.27	0.59	74.0	-19.73	Peak	152.00	150	Vertical	Pass
4**	7558.250	44.29	0.59	54.0	-9.71	AV	152.00	150	Vertical	Pass
5	13648.500	52.43	1.52	74.0	-21.57	Peak	360.00	150	Vertical	Pass
5**	13648.500	42.43	1.52	54.0	-11.57	AV	360.00	150	Vertical	Pass
6	17131.000	51.61	-1.56	74.0	-22.39	Peak	317.00	150	Vertical	Pass
6**	17131.000	41.92	-1.56	54.0	-12.08	AV	317.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1354.100	41.38	-17.08	74.0	-32.62	Peak	126.00	150	Horizontal	Pass
1**	1354.100	31.96	-17.08	54.0	-22.04	AV	126.00	150	Horizontal	Pass
2	2457.600	105.96	-12.79	74.0	31.96	Peak	235.00	150	Horizontal	N/A
2**	2457.600	98.22	-12.79	54.0	44.22	AV	235.00	150	Horizontal	N/A
3	5544.250	52.07	-0.38	74.0	-21.93	Peak	51.00	150	Horizontal	Pass
3**	5544.250	43.28	-0.38	54.0	-10.72	AV	51.00	150	Horizontal	Pass
4	7953.750	54.07	1.27	74.0	-19.93	Peak	204.00	150	Horizontal	Pass
4**	7953.750	44.28	1.27	54.0	-9.72	AV	204.00	150	Horizontal	Pass
5	13801.000	52.07	1.92	74.0	-21.93	Peak	31.00	150	Horizontal	Pass
5**	13801.000	43.01	1.92	54.0	-10.99	AV	31.00	150	Horizontal	Pass
6	17125.500	50.75	-1.53	74.0	-23.25	Peak	256.00	150	Horizontal	Pass
6**	17125.500	42.26	-1.53	54.0	-11.74	AV	256.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	42.22	-17.13	74.0	-31.78	Peak	258.00	150	Vertical	Pass
1**	1330.800	31.98	-17.13	54.0	-22.02	AV	258.00	150	Vertical	Pass
2	2460.000	95.35	-12.89	74.0	21.35	Peak	264.00	150	Vertical	N/A
2**	2460.000	88.56	-12.89	54.0	34.56	AV	264.00	150	Vertical	N/A
3	5534.000	52.32	-0.87	74.0	-21.68	Peak	251.00	150	Vertical	Pass
3**	5534.000	42.85	-0.87	54.0	-11.15	AV	251.00	150	Vertical	Pass
4	7960.250	53.91	1.48	74.0	-20.09	Peak	336.00	150	Vertical	Pass
4**	7960.250	45.00	1.48	54.0	-9.00	AV	336.00	150	Vertical	Pass
5	13264.500	52.45	-0.26	74.0	-21.55	Peak	21.00	150	Vertical	Pass
5**	13264.500	42.17	-0.26	54.0	-11.83	AV	21.00	150	Vertical	Pass
6	17124.000	50.81	-1.52	74.0	-23.19	Peak	362.00	150	Vertical	Pass
6**	17124.000	42.23	-1.52	54.0	-11.77	AV	362.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	41.85	-17.15	74.0	-32.15	Peak	20.00	150	Horizontal	Pass
1**	1330.400	31.46	-17.15	54.0	-22.54	AV	20.00	150	Horizontal	Pass
2	2423.600	104.18	-12.63	74.0	30.18	Peak	352.00	150	Horizontal	N/A
2**	2423.600	96.58	-12.63	54.0	42.58	AV	352.00	150	Horizontal	N/A
3	5146.000	51.71	-1.14	74.0	-22.29	Peak	112.00	150	Horizontal	Pass
3**	5146.000	41.68	-1.14	54.0	-12.32	AV	112.00	150	Horizontal	Pass
4	7548.000	54.34	0.27	74.0	-19.66	Peak	28.00	150	Horizontal	Pass
4**	7548.000	44.58	0.27	54.0	-9.42	AV	28.00	150	Horizontal	Pass
5	13366.000	52.09	1.62	74.0	-21.91	Peak	22.00	150	Horizontal	Pass
5**	13366.000	42.89	1.62	54.0	-11.11	AV	22.00	150	Horizontal	Pass
6	17153.000	50.79	-1.74	74.0	-23.21	Peak	362.00	150	Horizontal	Pass
6**	17153.000	41.82	-1.74	54.0	-12.18	AV	362.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1216.100	41.39	-17.60	74.0	-32.61	Peak	197.00	150	Vertical	Pass
1**	1216.100	31.27	-17.60	54.0	-22.73	AV	197.00	150	Vertical	Pass
2	2419.100	93.55	-12.65	74.0	19.55	Peak	132.00	150	Vertical	N/A
2**	2419.100	85.02	-12.65	54.0	31.02	AV	132.00	150	Vertical	N/A
3	5636.500	52.26	-0.17	74.0	-21.74	Peak	176.00	150	Vertical	Pass
3**	5636.500	43.28	-0.17	54.0	-10.72	AV	176.00	150	Vertical	Pass
4	7813.250	54.90	1.91	74.0	-19.10	Peak	176.00	150	Vertical	Pass
4**	7813.250	44.78	1.91	54.0	-9.22	AV	176.00	150	Vertical	Pass
5	13635.500	52.49	1.43	74.0	-21.51	Peak	311.00	150	Vertical	Pass
5**	13635.500	43.23	1.43	54.0	-10.77	AV	311.00	150	Vertical	Pass
6	17163.000	50.82	-1.96	74.0	-23.18	Peak	141.00	150	Vertical	Pass
6**	17163.000	42.32	-1.96	54.0	-11.68	AV	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	43.68	-17.41	74.0	-30.32	Peak	64.00	150	Horizontal	Pass
1**	1330.200	33.94	-17.41	54.0	-20.06	AV	64.00	150	Horizontal	Pass
2	2422.800	105.70	-12.64	74.0	31.70	Peak	291.00	150	Horizontal	N/A
2**	2422.800	97.36	-12.64	54.0	43.36	AV	291.00	150	Horizontal	N/A
3	6272.200	53.96	-0.24	74.0	-20.04	Peak	62.00	150	Horizontal	Pass
3**	6272.200	44.50	-0.24	54.0	-9.50	AV	62.00	150	Horizontal	Pass
4	8573.200	50.73	-2.08	74.0	-23.27	Peak	109.00	150	Horizontal	Pass
4**	8573.200	42.08	-2.08	54.0	-11.92	AV	109.00	150	Horizontal	Pass
5	11937.526	54.44	1.69	74.0	-19.56	Peak	126.00	150	Horizontal	Pass
5**	11937.526	44.06	1.69	54.0	-9.94	AV	126.00	150	Horizontal	Pass
6	13300.987	56.45	0.87	74.0	-17.55	Peak	57.00	150	Horizontal	Pass
6**	13300.987	46.44	0.87	54.0	-7.56	AV	57.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1795.400	45.19	-16.85	74.0	-28.81	Peak	243.00	150	Vertical	Pass
1**	1795.400	35.05	-16.85	54.0	-18.95	AV	243.00	150	Vertical	Pass
2	2431.500	97.07	-12.79	74.0	23.07	Peak	162.00	150	Vertical	N/A
2**	2431.500	89.07	-12.79	54.0	35.07	AV	162.00	150	Vertical	N/A
3	6272.800	53.80	-0.20	74.0	-20.20	Peak	8.00	150	Vertical	Pass
3**	6272.800	44.23	-0.20	54.0	-9.77	AV	8.00	150	Vertical	Pass
4	7196.362	51.63	-4.13	74.0	-22.37	Peak	74.00	150	Vertical	Pass
4**	7196.362	39.23	-4.13	54.0	-14.77	AV	74.00	150	Vertical	Pass
5	11106.362	52.79	-0.86	74.0	-21.21	Peak	74.00	150	Vertical	Pass
5**	11106.362	43.14	-0.86	54.0	-10.86	AV	74.00	150	Vertical	Pass
6	13312.275	55.75	0.87	74.0	-18.25	Peak	199.00	150	Vertical	Pass
6**	13312.275	48.10	0.87	54.0	-5.90	AV	199.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	43.18	-17.47	74.0	-30.82	Peak	46.00	150	Horizontal	Pass
1**	1328.500	35.15	-17.47	54.0	-18.85	AV	46.00	150	Horizontal	Pass
2	2420.300	105.32	-12.37	74.0	31.32	Peak	0.00	150	Horizontal	N/A
2**	2420.300	96.57	-12.37	54.0	42.57	AV	0.00	150	Horizontal	N/A
3	4922.600	51.48	-2.55	74.0	-22.52	Peak	350.00	150	Horizontal	Pass
3**	4922.600	42.27	-2.55	54.0	-11.73	AV	350.00	150	Horizontal	Pass
4	6684.400	54.29	-0.28	74.0	-19.71	Peak	270.00	150	Horizontal	Pass
4**	6684.400	45.11	-0.28	54.0	-8.89	AV	270.00	150	Horizontal	Pass
5	8630.412	51.87	-1.89	74.0	-22.13	Peak	324.00	150	Horizontal	Pass
5**	8630.412	41.91	-1.89	54.0	-12.09	AV	324.00	150	Horizontal	Pass
6	13297.050	55.65	0.85	74.0	-18.35	Peak	302.00	150	Horizontal	Pass
6**	13297.050	46.88	0.85	54.0	-7.12	AV	302.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 5

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	48.50	-17.50	74.0	-25.50	Peak	83.00	150	Vertical	Pass
1**	1327.500	33.08	-17.50	54.0	-20.92	AV	83.00	150	Vertical	Pass
2	2435.700	97.26	-12.80	74.0	23.26	Peak	170.00	150	Vertical	N/A
2**	2435.700	89.68	-12.80	54.0	35.68	AV	170.00	150	Vertical	N/A
3	4783.800	53.77	-2.94	74.0	-20.23	Peak	118.00	150	Vertical	Pass
3**	4783.800	43.42	-2.94	54.0	-10.58	AV	118.00	150	Vertical	Pass
4	6680.000	54.03	-0.53	74.0	-19.97	Peak	41.00	150	Vertical	Pass
4**	6680.000	45.38	-0.53	54.0	-8.62	AV	41.00	150	Vertical	Pass
5	11364.250	52.73	-0.24	74.0	-21.27	Peak	158.00	150	Vertical	Pass
5**	11364.250	43.25	-0.24	54.0	-10.75	AV	158.00	150	Vertical	Pass
6	13312.800	56.02	0.87	74.0	-17.98	Peak	281.00	150	Vertical	Pass
6**	13312.800	47.20	0.87	54.0	-6.80	AV	281.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1321.900	41.55	-16.97	74.0	-32.45	Peak	105.00	150	Horizontal	Pass
1**	1321.900	32.71	-16.97	54.0	-21.29	AV	105.00	150	Horizontal	Pass
2	2445.700	105.93	-12.26	74.0	31.93	Peak	345.00	150	Horizontal	N/A
2**	2445.700	98.20	-12.26	54.0	44.20	AV	345.00	150	Horizontal	N/A
3	5637.500	52.74	-0.27	74.0	-21.26	Peak	38.00	150	Horizontal	Pass
3**	5637.500	42.32	-0.27	54.0	-11.68	AV	38.00	150	Horizontal	Pass
4	7966.250	54.45	1.84	74.0	-19.55	Peak	38.00	150	Horizontal	Pass
4**	7966.250	45.07	1.84	54.0	-8.93	AV	38.00	150	Horizontal	Pass
5	13497.000	52.11	0.24	74.0	-21.89	Peak	195.00	150	Horizontal	Pass
5**	13497.000	42.29	0.24	54.0	-11.71	AV	195.00	150	Horizontal	Pass
6	17117.500	50.25	-1.48	74.0	-23.75	Peak	309.00	150	Horizontal	Pass
6**	17117.500	41.84	-1.48	54.0	-12.16	AV	309.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.400	41.74	-17.09	74.0	-32.26	Peak	146.00	150	Vertical	Pass
1**	1355.400	32.00	-17.09	54.0	-22.00	AV	146.00	150	Vertical	Pass
2	2441.300	95.39	-12.38	74.0	21.39	Peak	264.00	150	Vertical	N/A
2**	2441.300	87.42	-12.38	54.0	33.42	AV	264.00	150	Vertical	N/A
3	5924.750	53.10	-1.04	74.0	-20.90	Peak	210.00	150	Vertical	Pass
3**	5924.750	42.48	-1.04	54.0	-11.52	AV	210.00	150	Vertical	Pass
4	7807.250	54.90	1.95	74.0	-19.10	Peak	114.00	150	Vertical	Pass
4**	7807.250	45.38	1.95	54.0	-8.62	AV	114.00	150	Vertical	Pass
5	13539.000	52.56	1.16	74.0	-21.44	Peak	275.00	150	Vertical	Pass
5**	13539.000	42.46	1.16	54.0	-11.54	AV	275.00	150	Vertical	Pass
6	17161.500	50.62	-1.93	74.0	-23.38	Peak	362.00	150	Vertical	Pass
6**	17161.500	41.91	-1.93	54.0	-12.09	AV	362.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	42.40	-17.42	74.0	-31.60	Peak	275.00	150	Horizontal	Pass
1**	1329.800	32.26	-17.42	54.0	-21.74	AV	275.00	150	Horizontal	Pass
2	2443.900	105.36	-12.78	74.0	31.36	Peak	0.00	150	Horizontal	N/A
2**	2443.900	97.61	-12.78	54.0	43.61	AV	0.00	150	Horizontal	N/A
3	5929.000	52.43	-2.38	74.0	-21.57	Peak	95.00	150	Horizontal	Pass
3**	5929.000	43.41	-2.38	54.0	-10.59	AV	95.00	150	Horizontal	Pass
4	6997.600	53.87	0.22	74.0	-20.13	Peak	108.00	150	Horizontal	Pass
4**	6997.600	44.86	0.22	54.0	-9.14	AV	108.00	150	Horizontal	Pass
5	11661.237	53.39	0.13	74.0	-20.61	Peak	251.00	150	Horizontal	Pass
5**	11661.237	43.47	0.13	54.0	-10.53	AV	251.00	150	Horizontal	Pass
6	13289.962	55.81	0.78	74.0	-18.19	Peak	94.00	150	Horizontal	Pass
6**	13289.962	47.93	0.78	54.0	-6.07	AV	94.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Channel 7

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1209.500	45.20	-18.04	74.0	-28.80	Peak	263.00	150	Vertical	Pass
1**	1209.500	34.19	-18.04	54.0	-19.81	AV	263.00	150	Vertical	Pass
2	2439.700	96.04	-12.64	74.0	22.04	Peak	166.00	150	Vertical	N/A
2**	2439.700	88.17	-12.64	54.0	34.17	AV	166.00	150	Vertical	N/A
3	6070.000	53.52	-1.96	74.0	-20.48	Peak	286.00	150	Vertical	Pass
3**	6070.000	44.78	-1.96	54.0	-9.22	AV	286.00	150	Vertical	Pass
4	8578.375	50.78	-2.09	74.0	-23.22	Peak	197.00	150	Vertical	Pass
4**	8578.375	42.03	-2.09	54.0	-11.97	AV	197.00	150	Vertical	Pass
5	11939.537	53.16	1.69	74.0	-20.84	Peak	215.00	150	Vertical	Pass
5**	11939.537	43.61	1.69	54.0	-10.39	AV	215.00	150	Vertical	Pass
6	13308.599	56.04	0.86	74.0	-17.96	Peak	176.00	150	Vertical	Pass
6**	13308.599	46.83	0.86	54.0	-7.17	AV	176.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.500	45.16	-17.84	74.0	-28.84	Peak	94.00	150	Horizontal	Pass
1**	1214.500	28.56	-17.84	54.0	-25.44	AV	94.00	150	Horizontal	Pass
2	2443.900	104.47	-12.78	74.0	30.47	Peak	360.00	150	Horizontal	N/A
2**	2443.900	97.33	-12.78	54.0	43.33	AV	360.00	150	Horizontal	N/A
3	5767.000	52.70	-1.82	74.0	-21.30	Peak	179.00	150	Horizontal	Pass
3**	5767.000	42.74	-1.82	54.0	-11.26	AV	179.00	150	Horizontal	Pass
4	6687.600	55.20	-0.24	74.0	-18.80	Peak	52.00	150	Horizontal	Pass
4**	6687.600	45.08	-0.24	54.0	-8.92	AV	52.00	150	Horizontal	Pass
5	8558.250	51.15	-2.10	74.0	-22.85	Peak	289.00	150	Horizontal	Pass
5**	8558.250	42.03	-2.10	54.0	-11.97	AV	289.00	150	Horizontal	Pass
6	13420.162	56.01	0.40	74.0	-17.99	Peak	117.00	150	Horizontal	Pass
6**	13420.162	47.05	0.40	54.0	-6.95	AV	117.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.900	47.98	-17.61	74.0	-26.02	Peak	146.00	150	Vertical	Pass
1**	1504.900	30.26	-17.61	54.0	-23.74	AV	146.00	150	Vertical	Pass
2	2444.400	95.07	-12.76	74.0	21.07	Peak	163.00	150	Vertical	N/A
2**	2444.400	87.43	-12.76	54.0	33.43	AV	163.00	150	Vertical	N/A
3	4899.800	51.46	-2.86	74.0	-22.54	Peak	94.00	150	Vertical	Pass
3**	4899.800	42.13	-2.86	54.0	-11.87	AV	94.00	150	Vertical	Pass
4	6674.200	53.73	-0.69	74.0	-20.27	Peak	360.00	150	Vertical	Pass
4**	6674.200	44.83	-0.69	54.0	-9.17	AV	360.00	150	Vertical	Pass
5	11485.862	53.71	0.07	74.0	-20.29	Peak	287.00	150	Vertical	Pass
5**	11485.862	42.83	0.07	54.0	-11.17	AV	287.00	150	Vertical	Pass
6	13299.151	56.08	0.86	74.0	-17.92	Peak	179.00	150	Vertical	Pass
6**	13299.151	46.81	0.86	54.0	-7.19	AV	179.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.300	41.36	-17.16	74.0	-32.64	Peak	113.00	150	Horizontal	Pass
1**	1332.300	32.25	-17.16	54.0	-21.75	AV	113.00	150	Horizontal	Pass
2	2455.700	104.89	-12.85	74.0	30.89	Peak	201.00	150	Horizontal	N/A
2**	2455.700	96.33	-12.85	54.0	42.33	AV	201.00	150	Horizontal	N/A
3	5017.000	52.41	-1.45	74.0	-21.59	Peak	326.00	150	Horizontal	Pass
3**	5017.000	41.09	-1.45	54.0	-12.91	AV	326.00	150	Horizontal	Pass
4	7586.000	54.96	1.13	74.0	-19.04	Peak	351.00	150	Horizontal	Pass
4**	7586.000	44.41	1.13	54.0	-9.59	AV	351.00	150	Horizontal	Pass
5	13390.500	52.46	1.48	74.0	-21.54	Peak	327.00	150	Horizontal	Pass
5**	13390.500	43.21	1.48	54.0	-10.79	AV	327.00	150	Horizontal	Pass
6	17129.500	51.45	-1.55	74.0	-22.55	Peak	362.00	150	Horizontal	Pass
6**	17129.500	42.08	-1.55	54.0	-11.92	AV	362.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1293.500	41.82	-17.14	74.0	-32.18	Peak	0.00	150	Vertical	Pass
1**	1293.500	31.70	-17.14	54.0	-22.30	AV	0.00	150	Vertical	Pass
2	2448.100	95.33	-12.45	74.0	21.33	Peak	272.00	150	Vertical	N/A
2**	2448.100	87.77	-12.45	54.0	33.77	AV	272.00	150	Vertical	N/A
3	5044.250	51.44	-1.37	74.0	-22.56	Peak	150.00	150	Vertical	Pass
3**	5044.250	41.85	-1.37	54.0	-12.15	AV	150.00	150	Vertical	Pass
4	7805.750	54.20	1.42	74.0	-19.80	Peak	262.00	150	Vertical	Pass
4**	7805.750	44.92	1.42	54.0	-9.08	AV	262.00	150	Vertical	Pass
5	12531.500	51.96	-0.80	74.0	-22.04	Peak	197.00	150	Vertical	Pass
5**	12531.500	42.31	-0.80	54.0	-11.69	AV	197.00	150	Vertical	Pass
6	17141.500	51.14	-1.62	74.0	-22.86	Peak	27.00	150	Vertical	Pass
6**	17141.500	42.32	-1.62	54.0	-11.68	AV	27.00	150	Vertical	Pass

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

Test Data

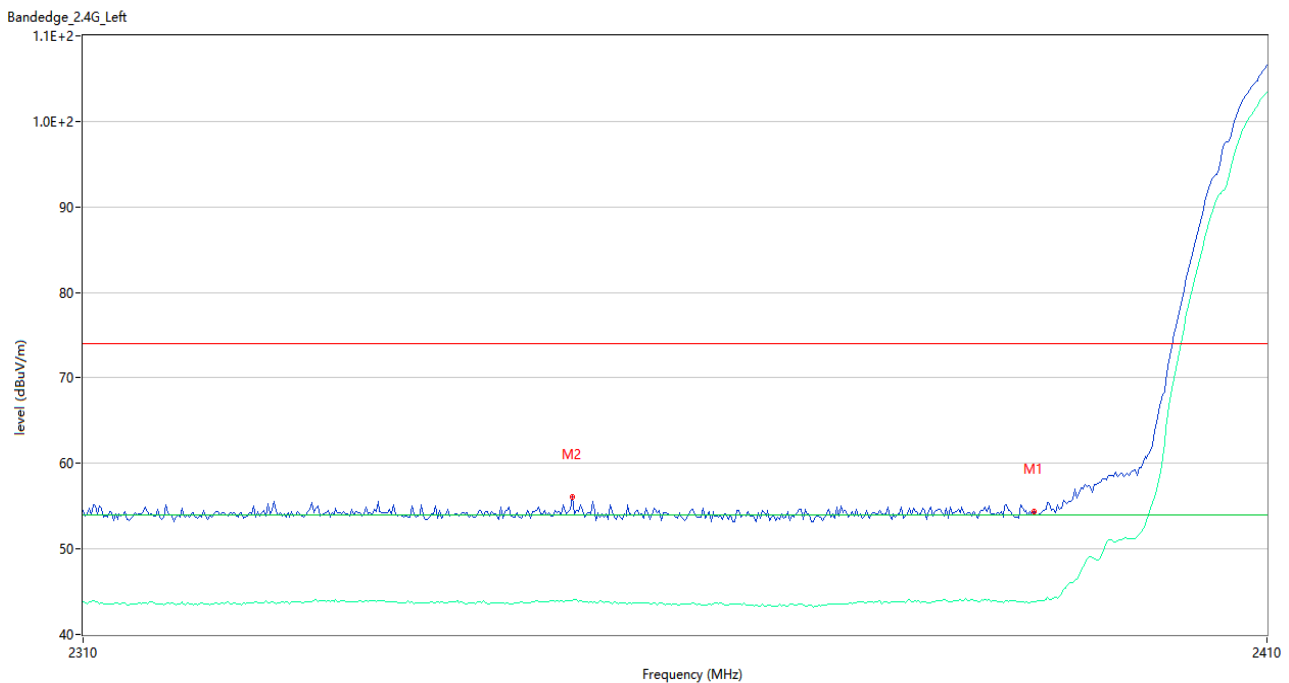
Note¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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

Note³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

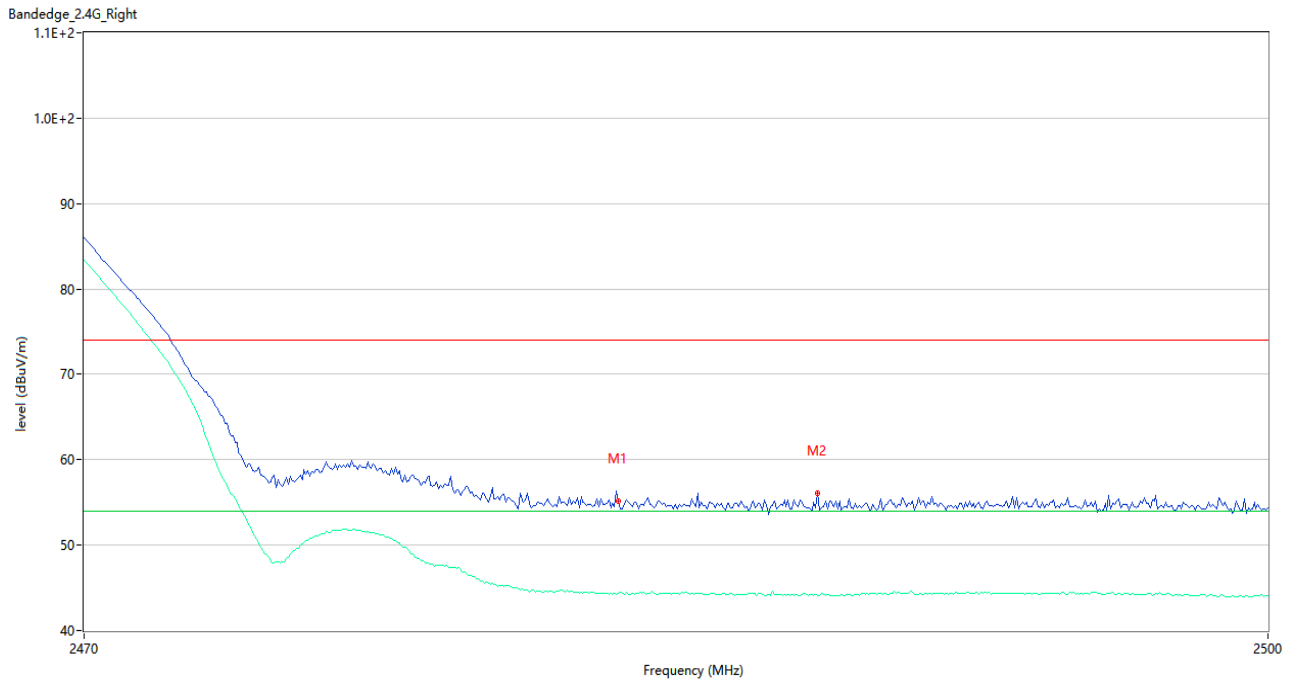
Test plots

802.11b CHANNEL 1



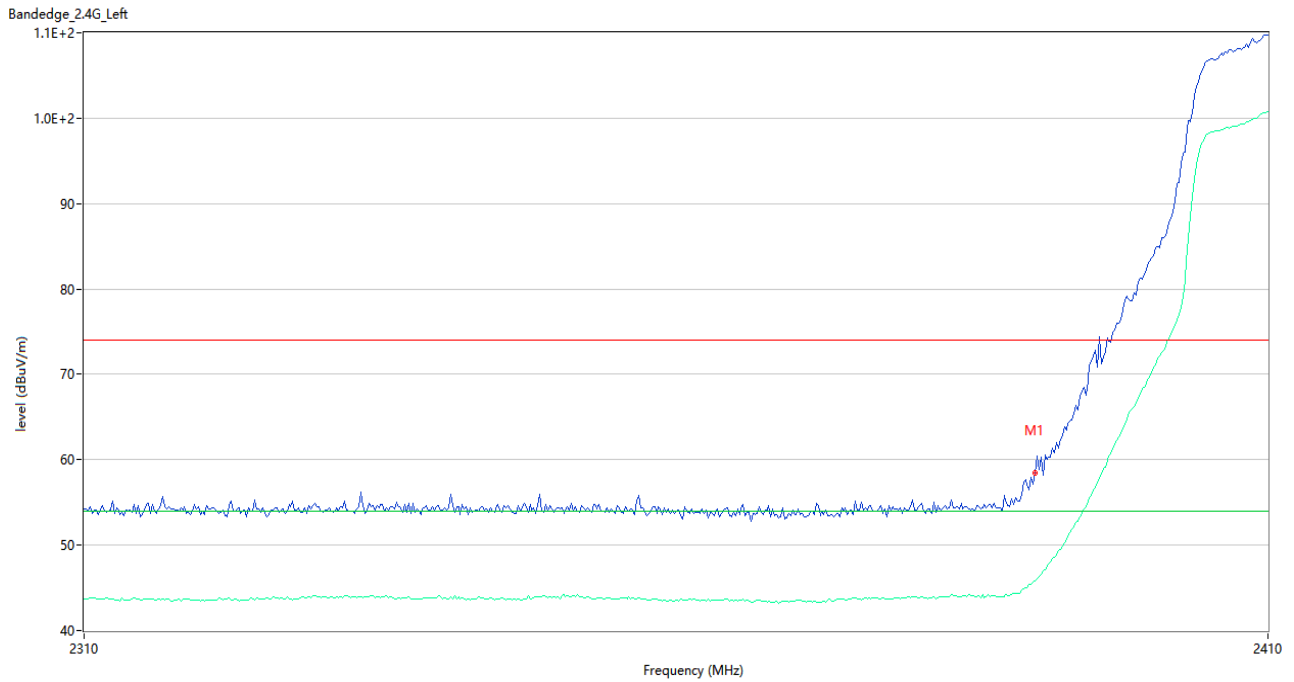
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.41	0.75	74.0	-19.59	Peak	4.00	150	Horizontal	Pass
1**	2390.000	43.79	0.75	54.0	-10.21	AV	4.00	150	Horizontal	Pass
2	2350.833	56.03	1.05	74.0	-17.97	Peak	16.00	150	Horizontal	Pass
2**	2350.833	43.94	1.05	54.0	-10.06	AV	16.00	150	Horizontal	Pass

802.11b CHANNEL 11



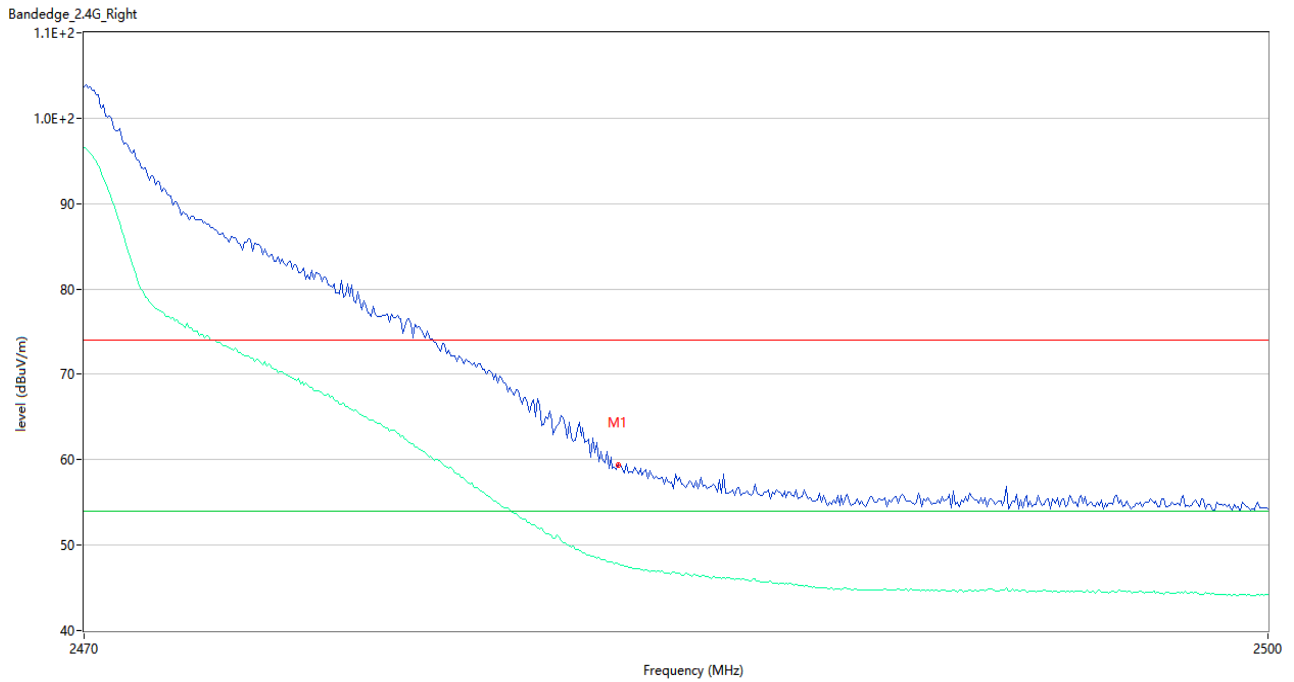
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.20	1.04	74.0	-18.80	Peak	1.00	150	Horizontal	Pass
1**	2483.500	44.36	1.04	54.0	-9.64	AV	1.00	150	Horizontal	Pass
2	2488.550	56.03	1.12	74.0	-17.97	Peak	12.00	150	Horizontal	Pass
2**	2488.550	44.08	1.12	54.0	-9.92	AV	12.00	150	Horizontal	Pass

802.11g CHANNEL 1



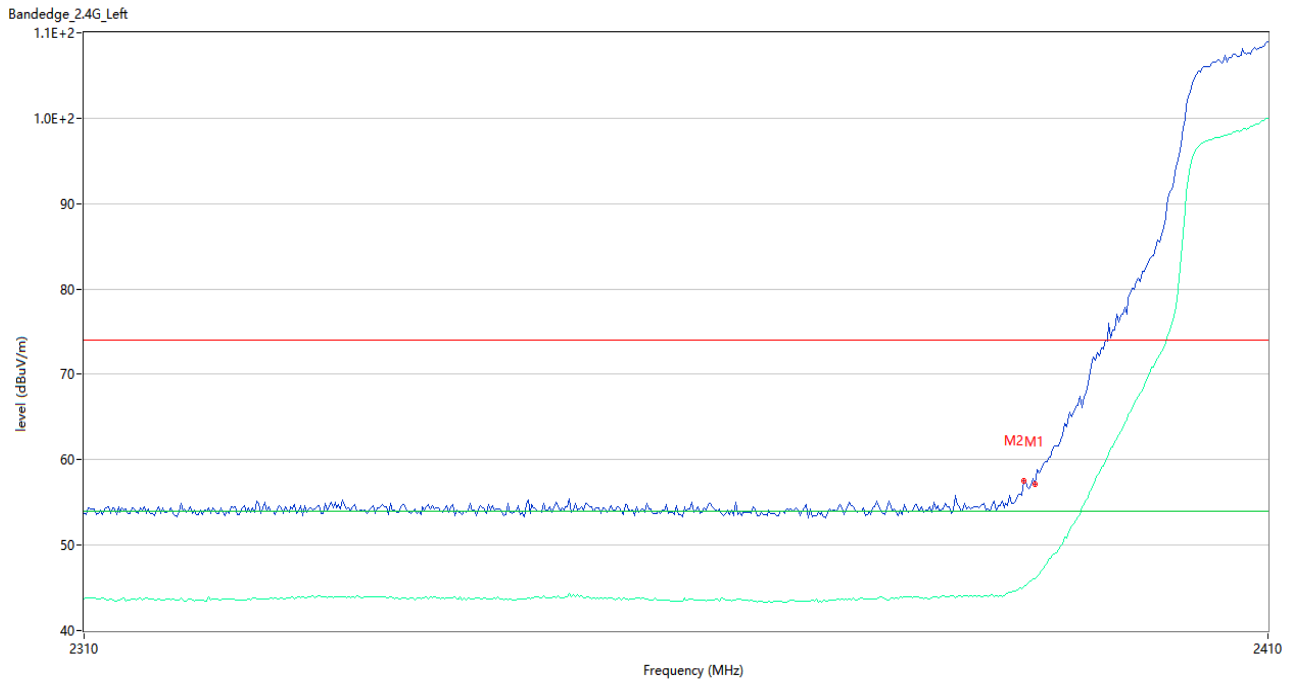
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.43	0.75	74.0	-15.57	Peak	16.00	150	Horizontal	Pass
1**	2390.000	45.86	0.75	54.0	-8.14	AV	16.00	150	Horizontal	Pass

802.11g CHANNEL 11



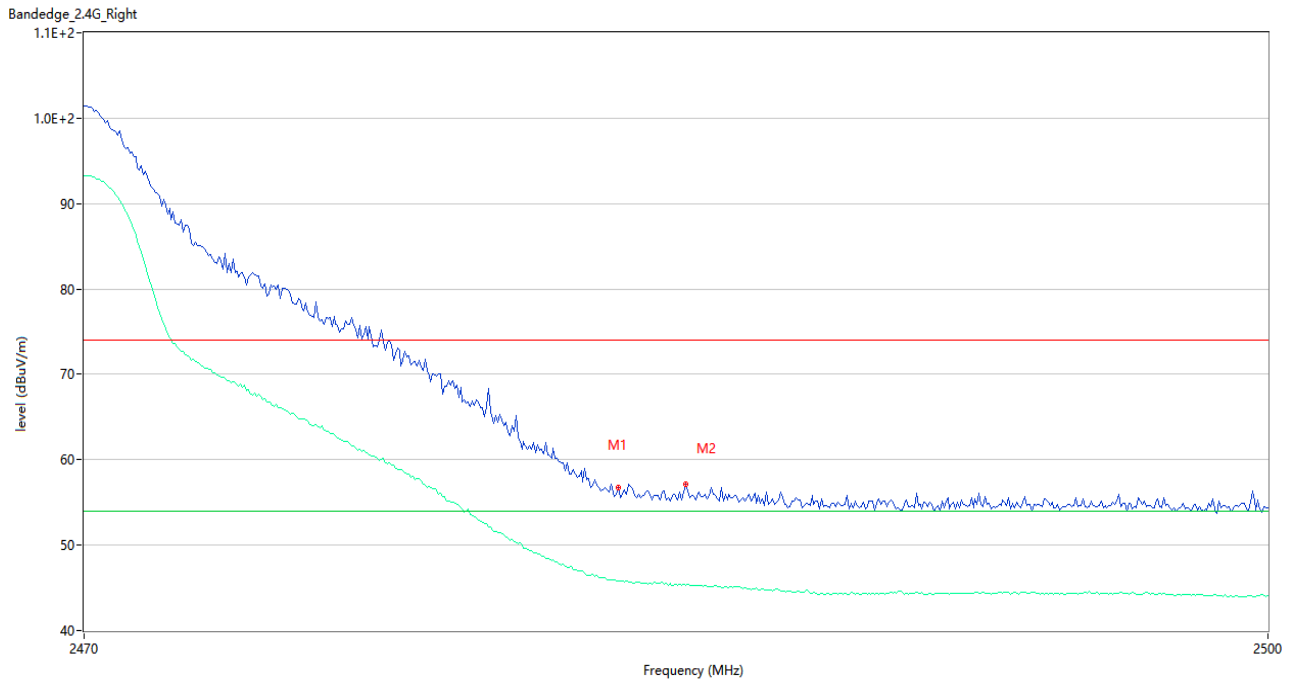
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.38	1.04	74.0	-14.62	Peak	1.00	150	Horizontal	Pass
1**	2483.500	47.77	1.04	54.0	-6.23	AV	1.00	150	Horizontal	Pass

802.11n20 CHANNEL 1



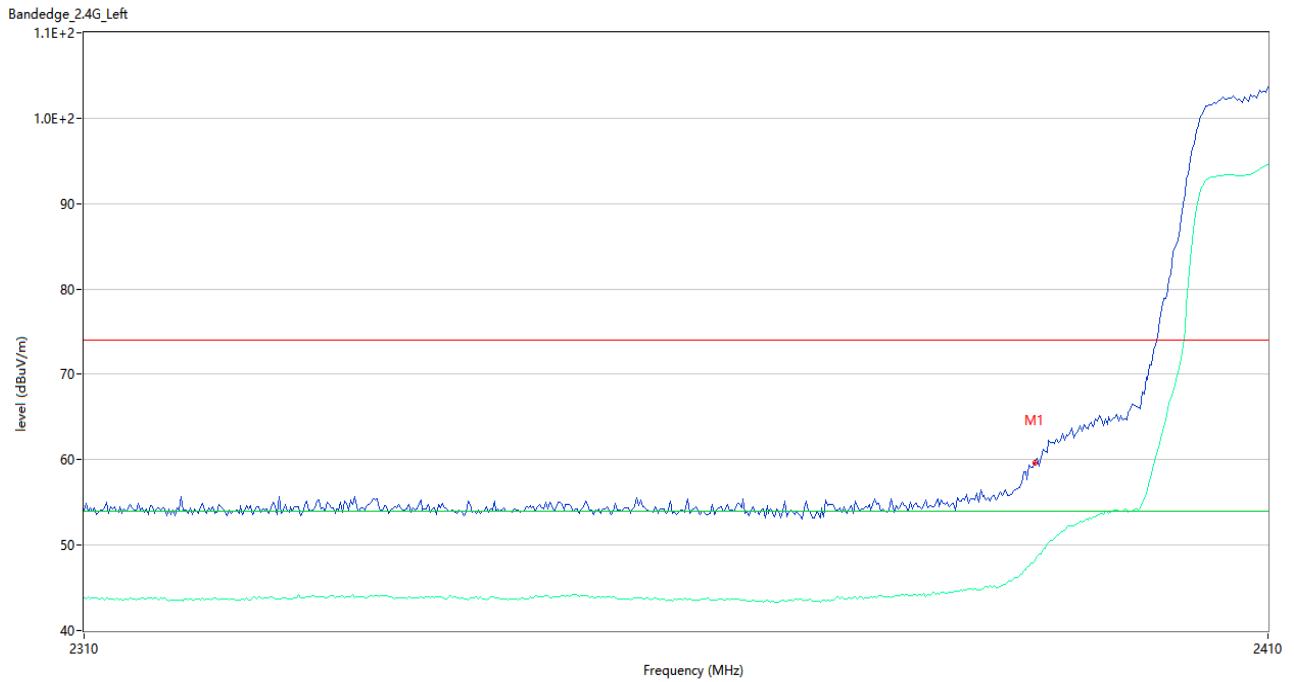
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.13	0.75	74.0	-16.87	Peak	5.00	150	Horizontal	Pass
1**	2390.000	46.10	0.75	54.0	-7.90	AV	5.00	150	Horizontal	Pass
2	2389.000	57.54	0.89	74.0	-16.46	Peak	22.00	150	Horizontal	Pass
2**	2389.000	45.11	0.89	54.0	-8.89	AV	22.00	150	Horizontal	Pass

802.11n20 CHANNEL 11



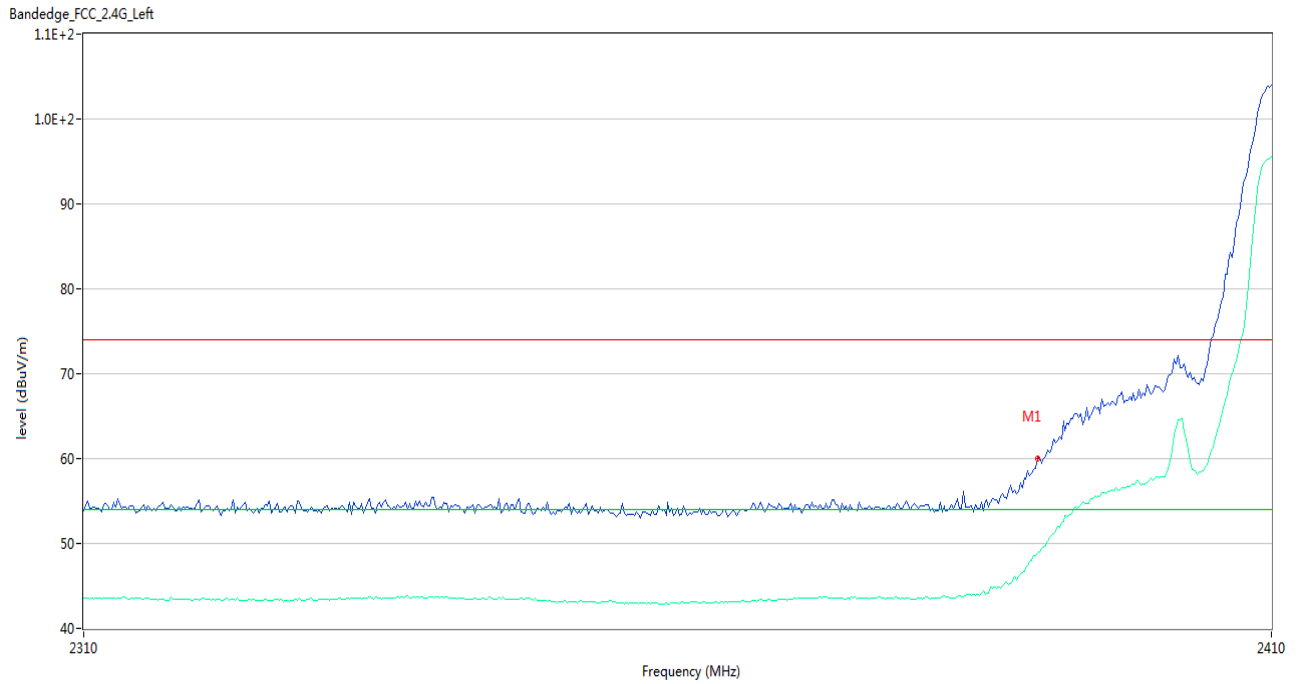
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.78	1.04	74.0	-17.22	Peak	5.00	150	Horizontal	Pass
1**	2483.500	45.83	1.04	54.0	-8.17	AV	5.00	150	Horizontal	Pass
2	2485.200	57.15	1.18	74.0	-16.85	Peak	2.00	150	Horizontal	Pass
2**	2485.200	45.34	1.18	54.0	-8.66	AV	2.00	150	Horizontal	Pass

802.11n40 CHANNEL 3



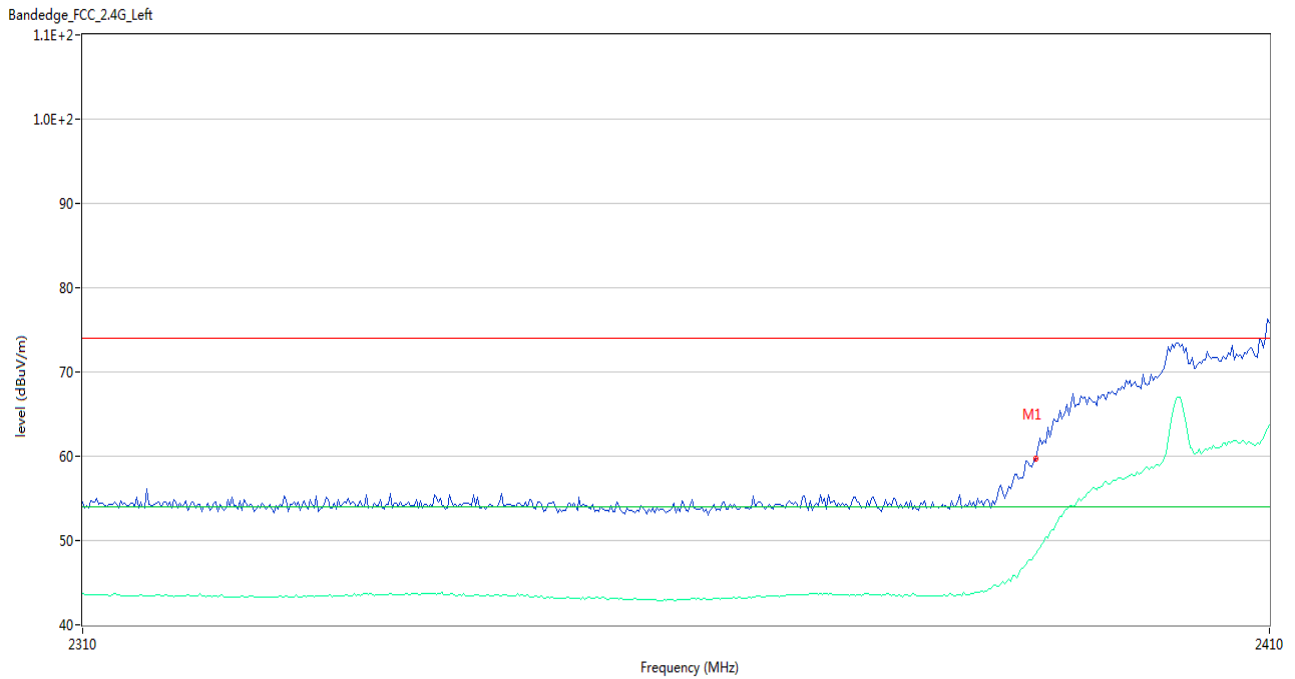
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.62	0.75	74.0	-14.38	Peak	4.00	150	Horizontal	Pass
1**	2390.000	48.16	0.75	54.0	-5.84	AV	4.00	150	Horizontal	Pass

802.11n40 CHANNEL 4



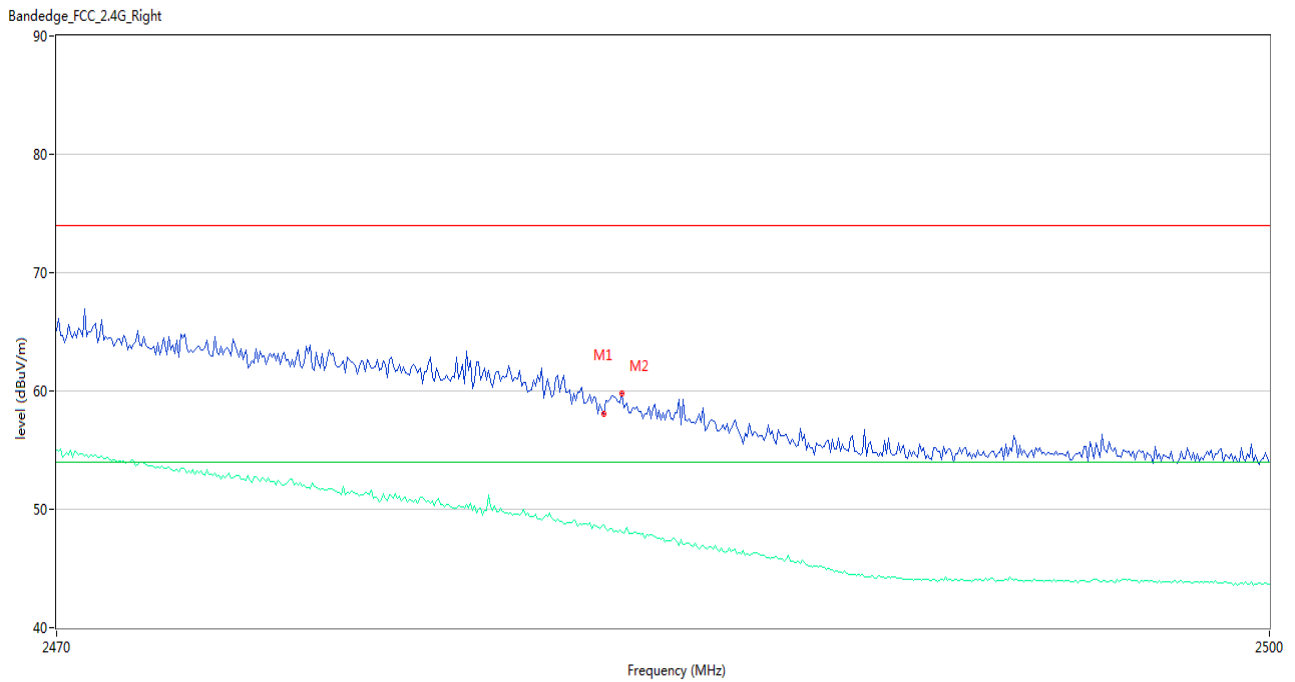
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.95	-0.50	74.0	-14.05	Peak	5.00	150	Horizontal	Pass
1**	2390.000	48.85	-0.50	54.0	-5.15	AV	5.00	150	Horizontal	Pass

802.11n40 CHANNEL 5



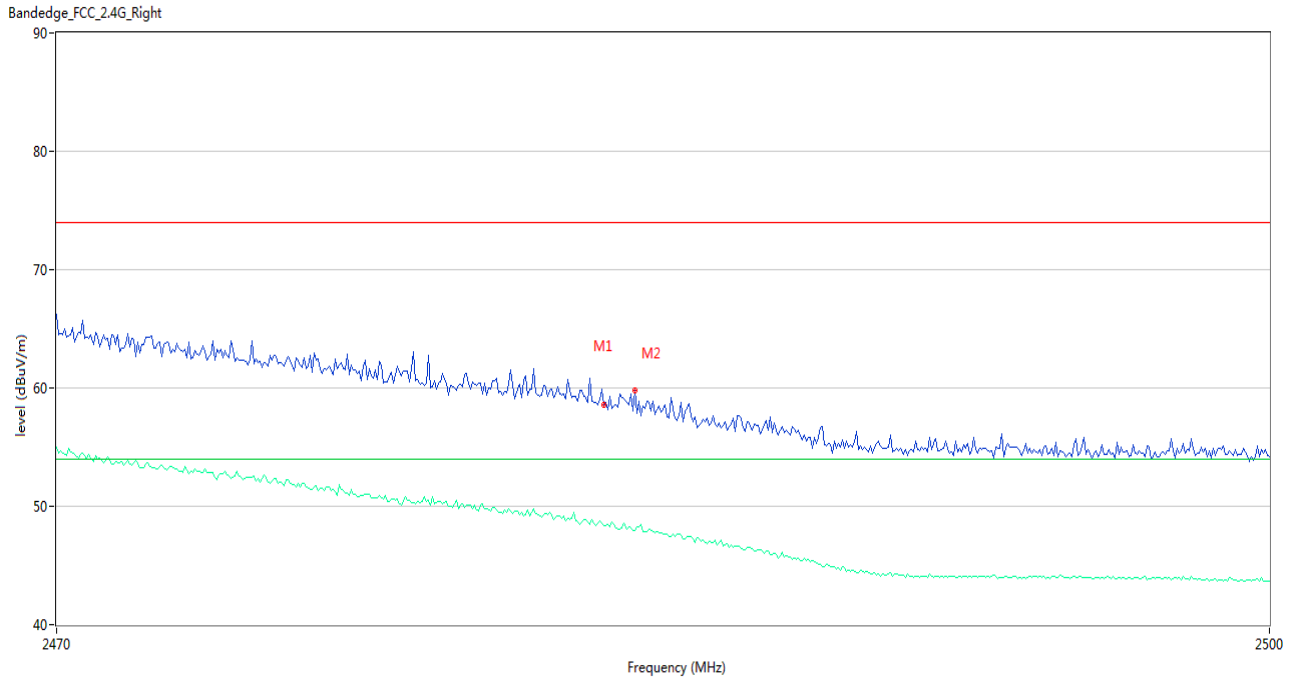
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.73	-0.50	74.0	-14.27	Peak	210.00	150	Horizontal	Pass
1**	2390.000	48.49	-0.50	54.0	-5.51	AV	210.00	150	Horizontal	Pass

802.11n40 CHANNEL 6



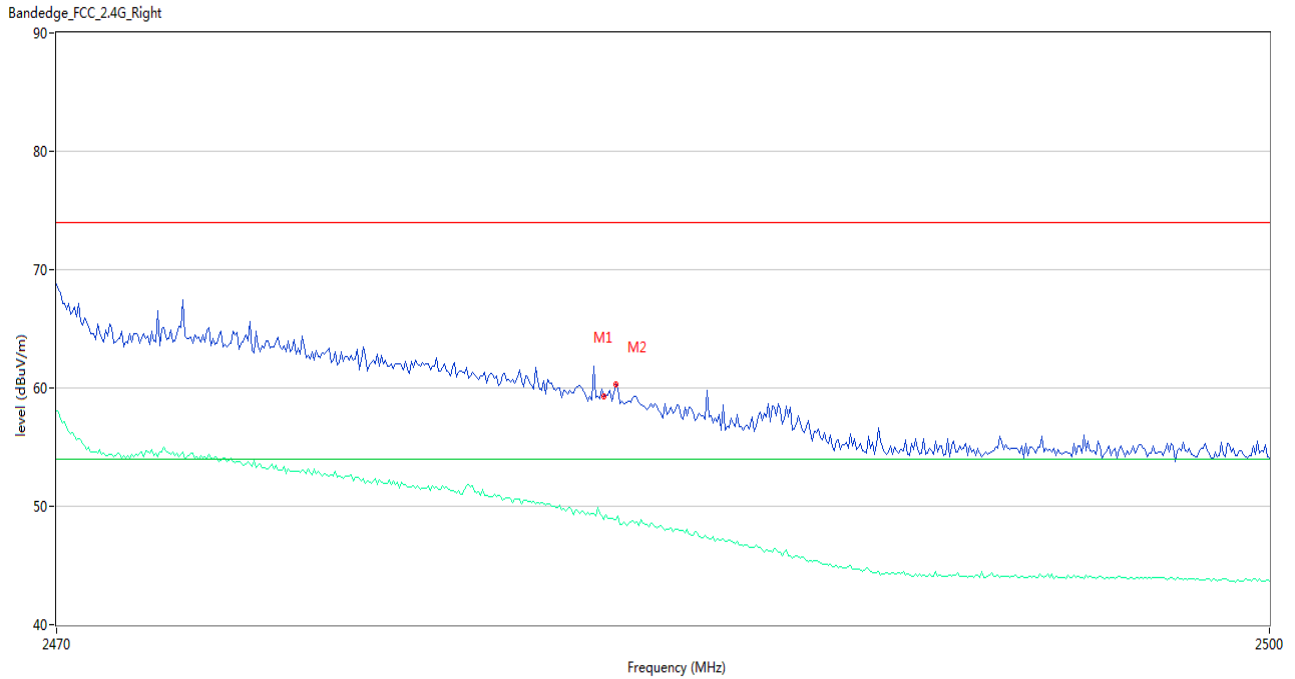
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.06	-0.36	74.0	-15.94	Peak	354.00	150	Horizontal	Pass
1**	2483.500	48.68	-0.36	54.0	-5.32	AV	354.00	150	Horizontal	Pass
2	2483.950	59.77	-0.35	74.0	-14.23	Peak	351.00	150	Horizontal	Pass
2**	2483.950	48.07	-0.35	54.0	-5.93	AV	351.00	150	Horizontal	Pass

802.11n40 CHANNEL 7



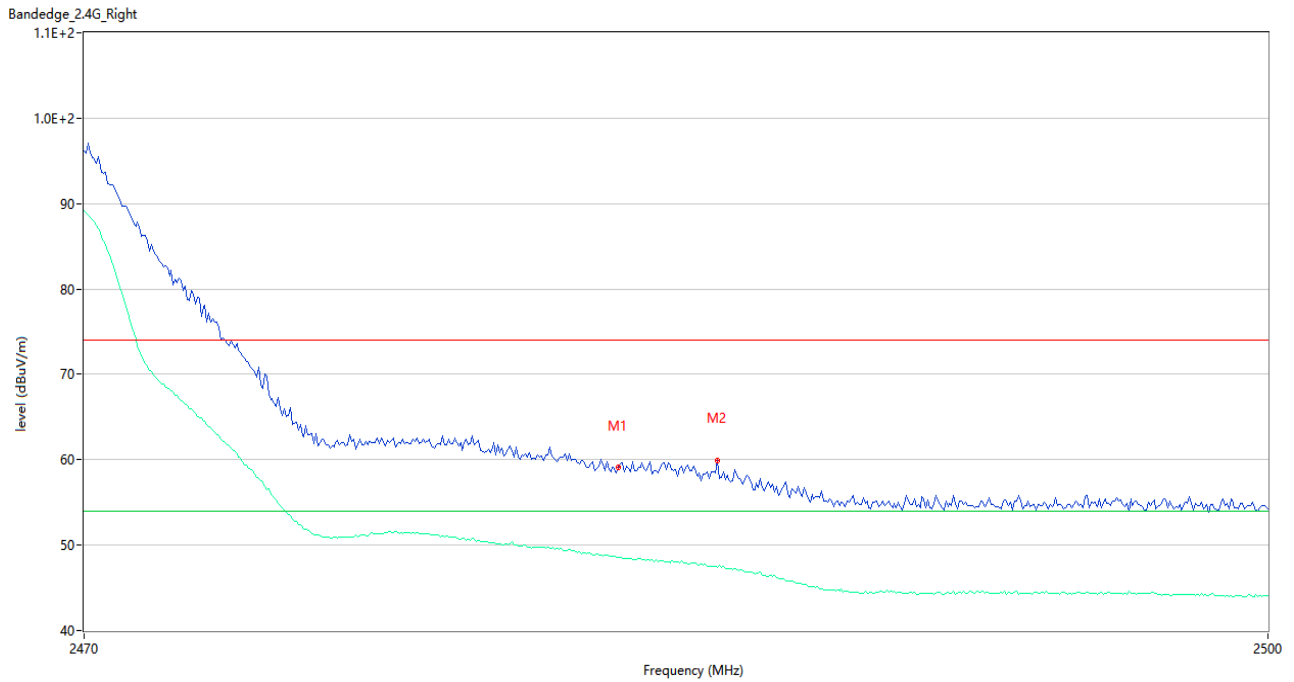
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.61	-0.36	74.0	-15.39	Peak	354.00	150	Horizontal	Pass
1**	2483.500	48.34	-0.36	54.0	-5.66	AV	354.00	150	Horizontal	Pass
2	2484.250	59.81	-0.34	74.0	-14.19	Peak	200.00	150	Horizontal	Pass
2**	2484.250	47.99	-0.34	54.0	-6.01	AV	200.00	150	Horizontal	Pass

802.11n40 CHANNEL 8



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.33	-0.36	74.0	-14.67	Peak	212.00	150	Horizontal	Pass
1**	2483.500	48.87	-0.36	54.0	-5.13	AV	212.00	150	Horizontal	Pass
2	2483.800	60.31	-0.35	74.0	-13.69	Peak	212.00	150	Horizontal	Pass
2**	2483.800	48.92	-0.35	54.0	-5.08	AV	212.00	150	Horizontal	Pass

802.11n40 CHANNEL 9



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.06	1.04	74.0	-14.94	Peak	6.00	150	Horizontal	Pass
1**	2483.500	48.58	1.04	54.0	-5.42	AV	6.00	150	Horizontal	Pass
2	2486.000	59.90	1.14	74.0	-14.10	Peak	6.00	150	Horizontal	Pass
2**	2486.000	47.39	1.14	54.0	-6.61	AV	6.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-13.658	8
6	-14.727	8
11	-14.010	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.621	8
6	-18.247	8
11	-17.637	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.155	8
6	-18.713	8
11	-18.111	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-21.991	8
4	-21.755	8
5	-20.649	8
6	-23.398	8
7	-24.277	8
8	-24.071	8
9	-23.543	8

Test plots

802.11b CHANNEL 1



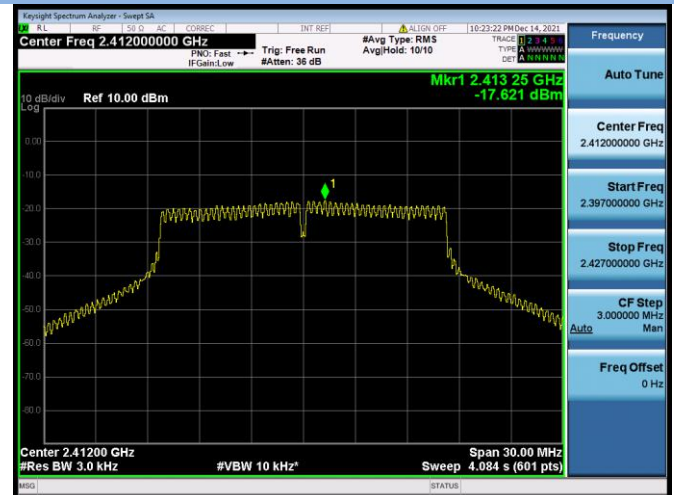
802.11b CHANNEL 6



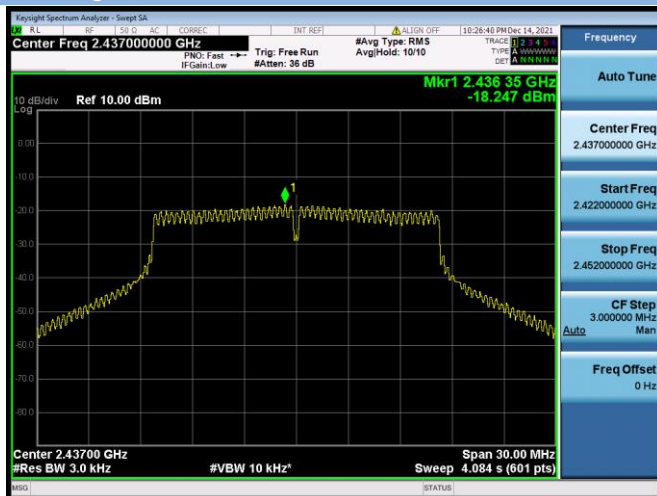
802.11b CHANNEL 11



802.11g CHANNEL 1



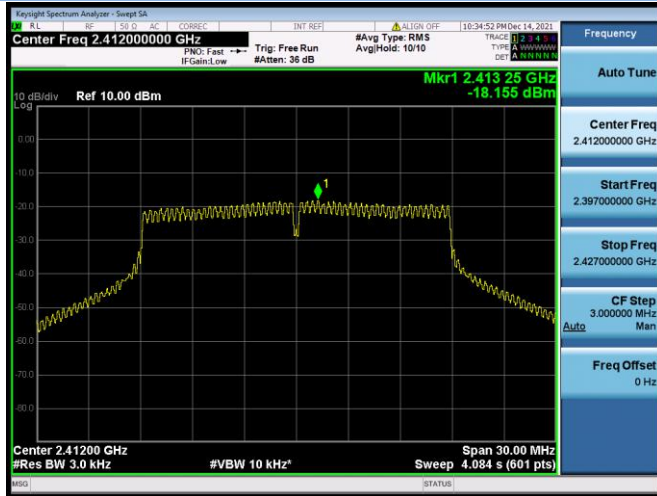
802.11g CHANNEL 6



802.11g CHANNEL 11



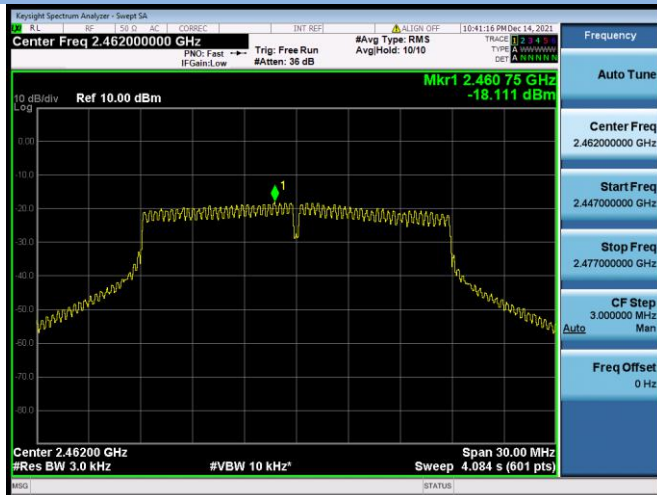
802.11n-20 MHz CHANNEL 1



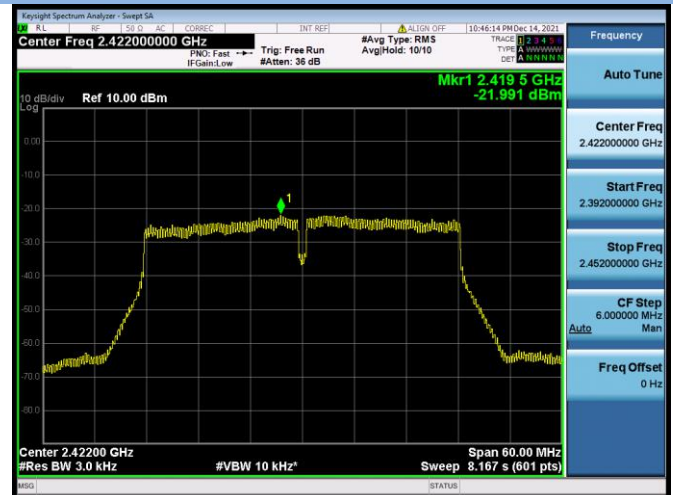
802.11 n-20 MHz CHANNEL 6



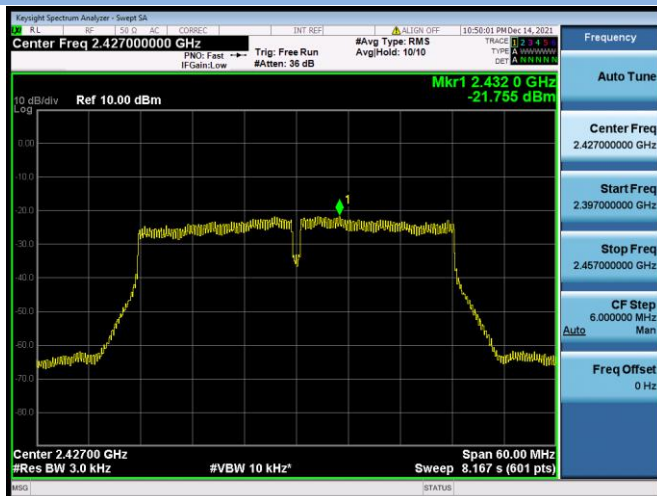
802.11n-20 MHz CHANNEL 11



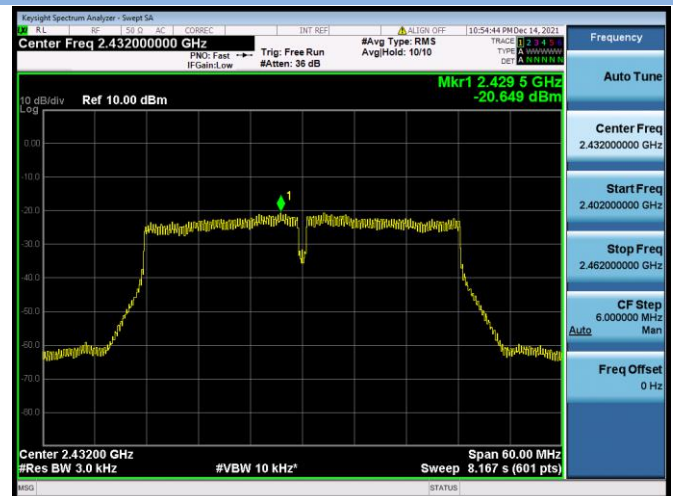
802.11n-40 MHz CHANNEL 3



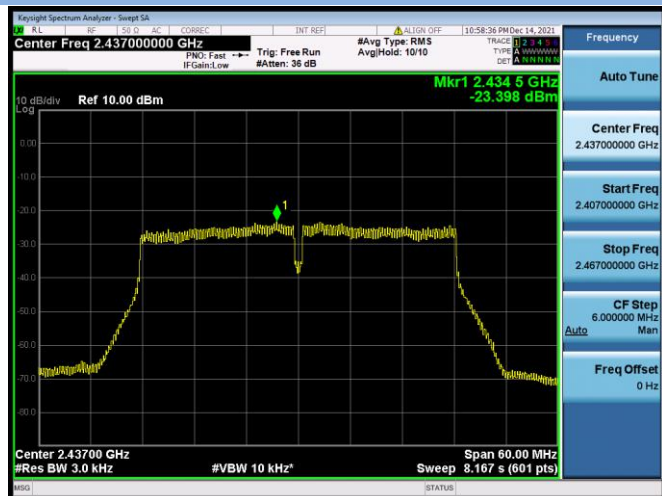
802.11n-40 MHz CHANNEL 4



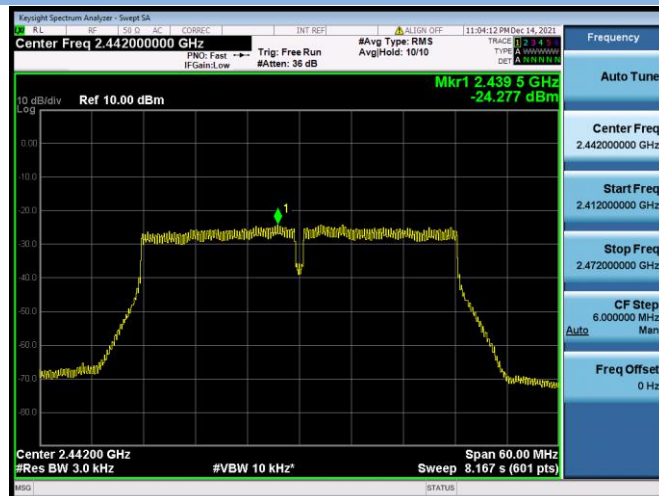
802.11n-40 MHz CHANNEL 5



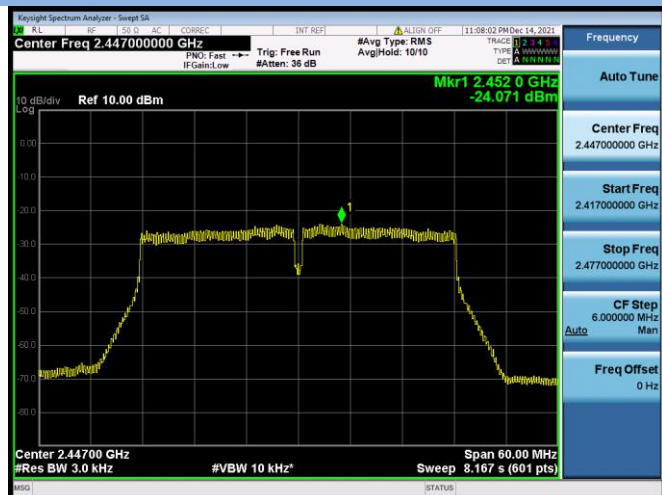
802.11n-40 MHz CHANNEL 6



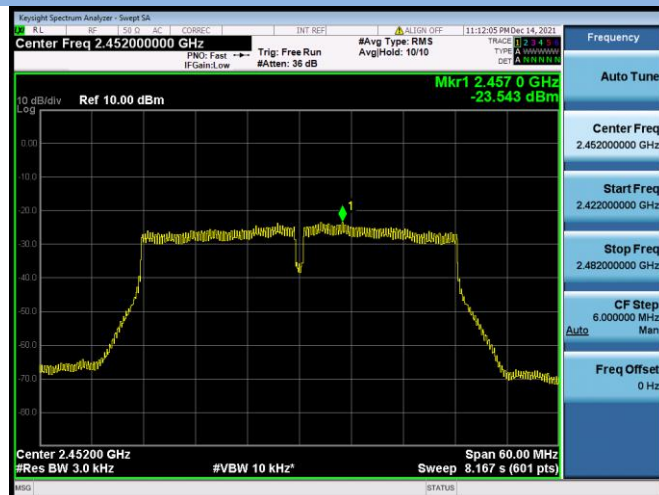
802.11n-40 MHz CHANNEL 7



802.11n-40 MHz CHANNEL 8



802.11n-40 MHz CHANNEL 9



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21B0785-AR.pdf".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ21B0785-AW.pdf".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ21B0785-AI.pdf".

--END OF REPORT--