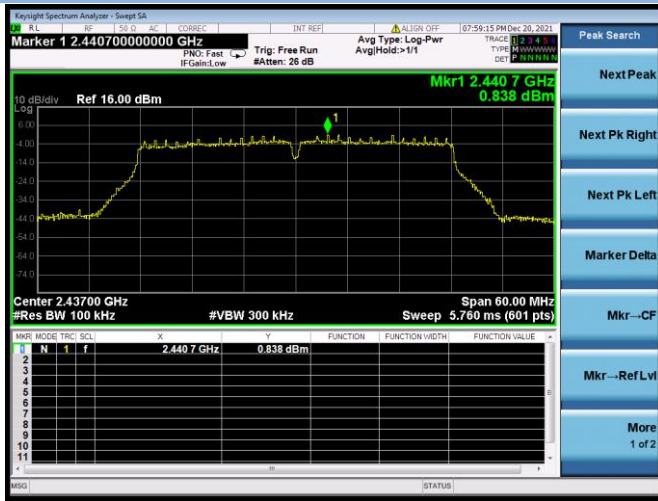
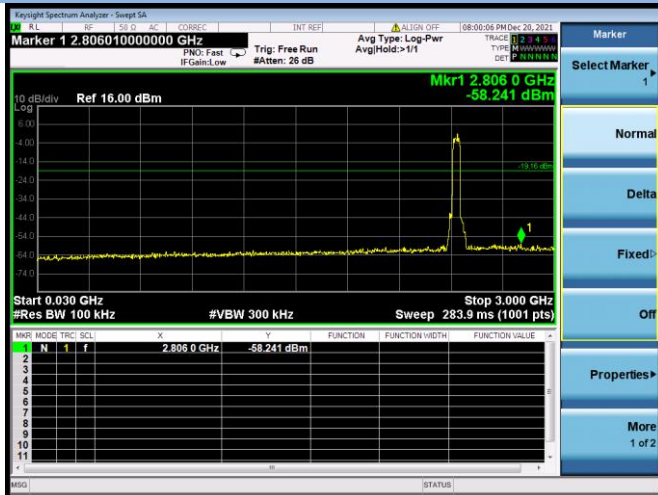


802.11n-40 CHANNEL 6 CARRIER LEVEL



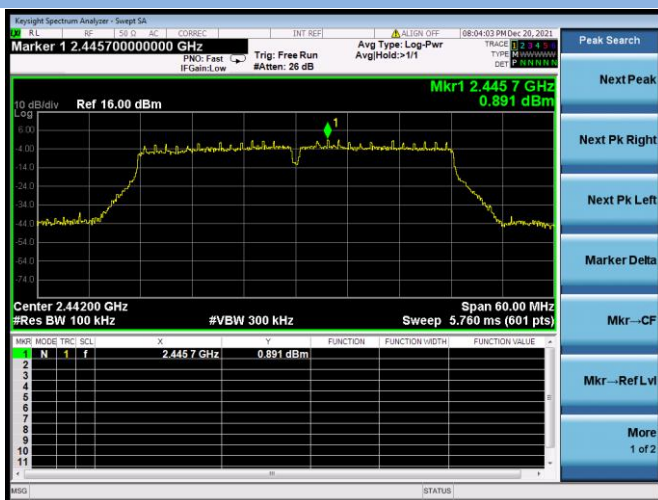
802.11n-40 CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



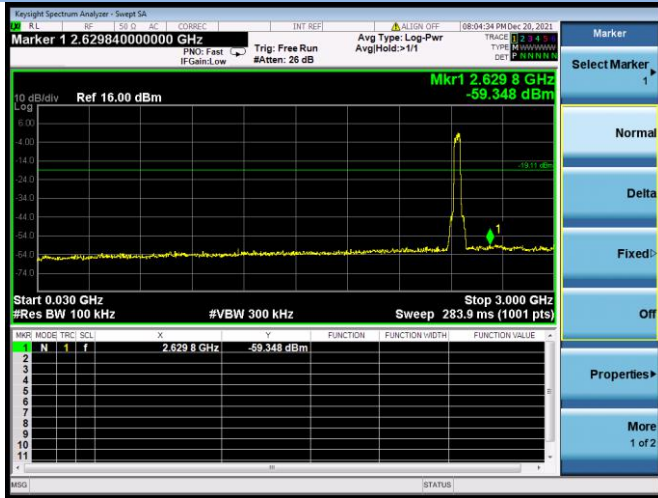
802.11n-40 CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



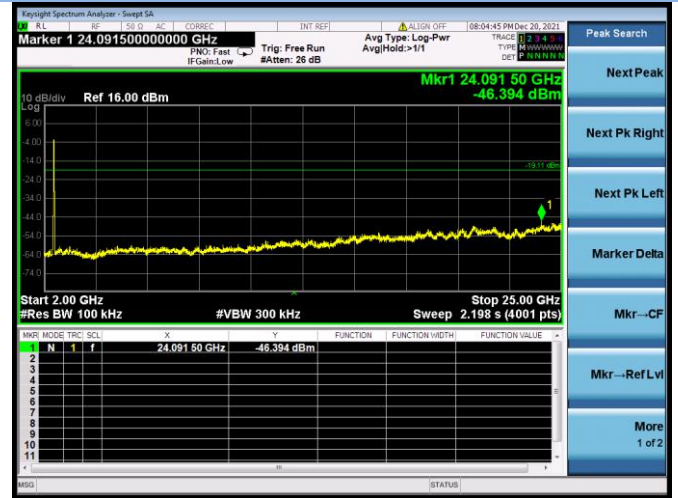
802.11n-40 CHANNEL 7 CARRIER LEVEL



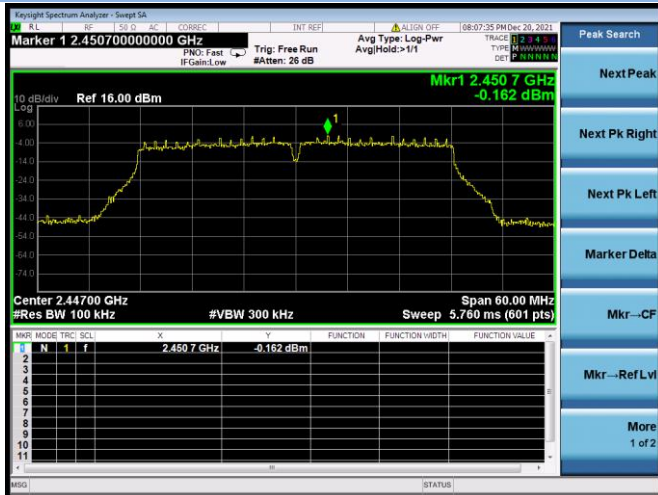
802.11n-40 CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz



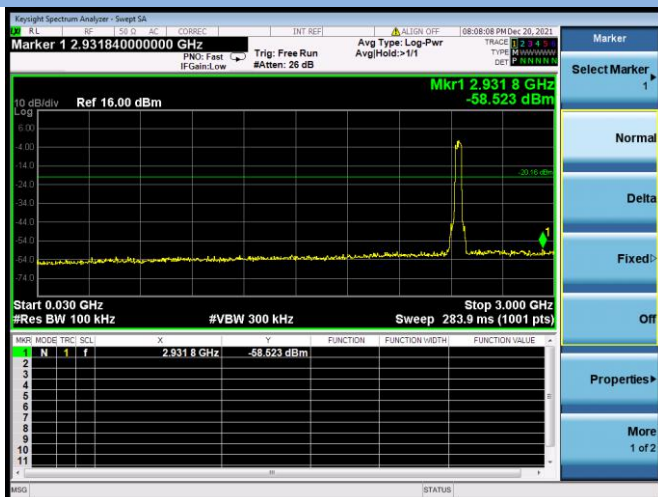
802.11n-40 CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz



802.11n-40 CHANNEL 8 CARRIER LEVEL



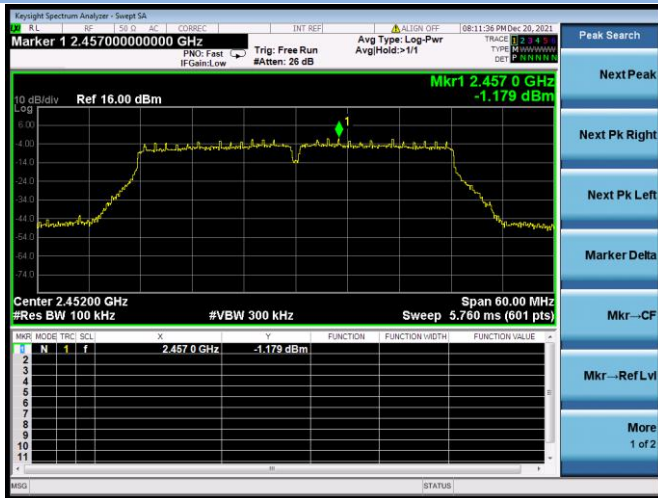
802.11n-40 CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz



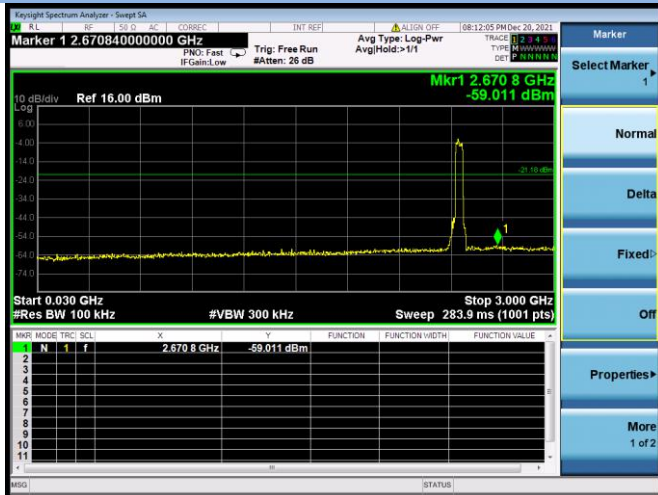
802.11n-40 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz



802.11n-40 CHANNEL 9 CARRIER LEVEL



802.11n-40 CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Test Data

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-33.17	10.00	-10.00	Pass
11	-53.63	10.33	-9.67	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-27.77	4.68	-15.32	Pass
2	-34.53	7.87	-12.13	Pass
9	-49.59	7.86	-12.14	Pass
10	-50.60	6.00	-14.00	Pass
11	-48.94	5.88	-14.12	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-26.77	4.52	-15.48	Pass
2	-34.05	8.14	-11.86	Pass
9	-50.79	7.73	-12.27	Pass
10	-50.55	6.69	-13.31	Pass
11	-48.30	4.88	-15.12	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-42.25	-1.87	-21.87	Pass
4	-45.88	-0.58	-20.58	Pass
5	-44.47	1.09	-18.91	Pass
7	-50.70	0.89	-19.11	Pass
8	-51.28	-0.16	-20.16	Pass
9	-50.51	-1.18	-21.18	Pass

Test Plots

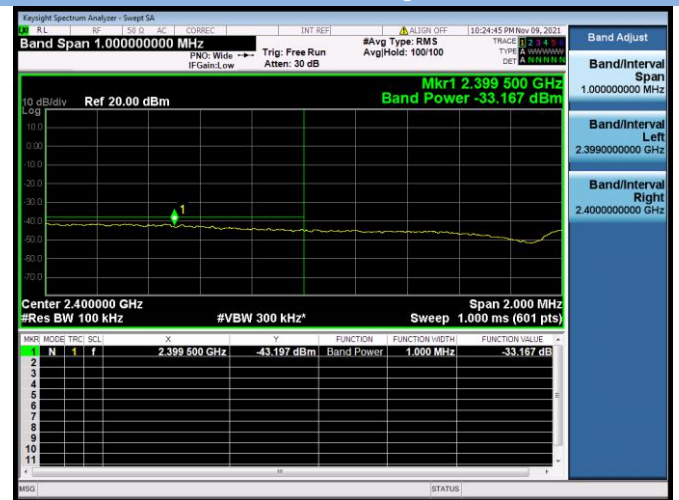
802.11b CHANNEL 1, Carrier level



802.11b CHANNEL 1, Reference level



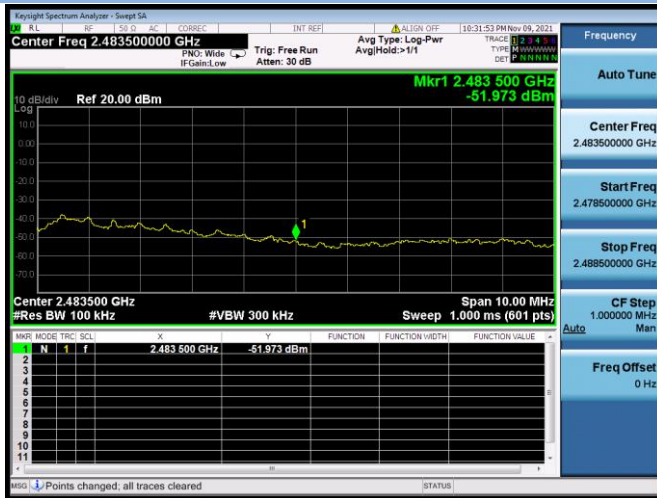
802.11b CHANNEL 1, Band Edge



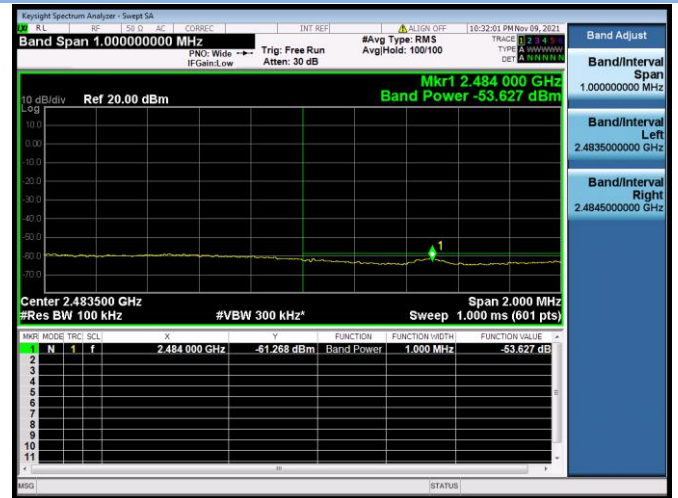
802.11b CHANNEL 11, Carrier level



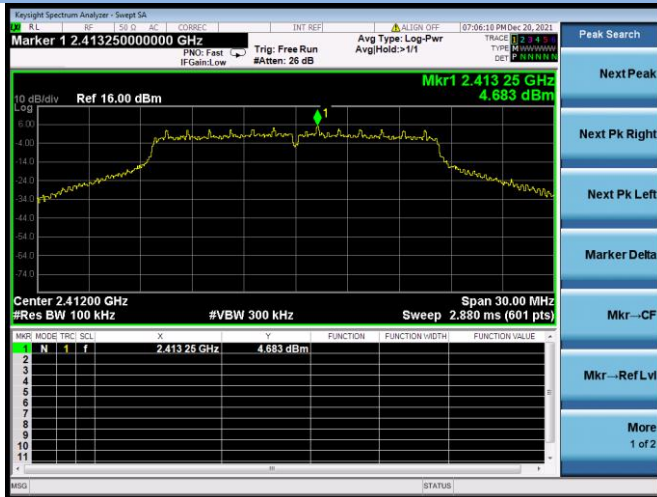
802.11b CHANNEL 11, Reference level



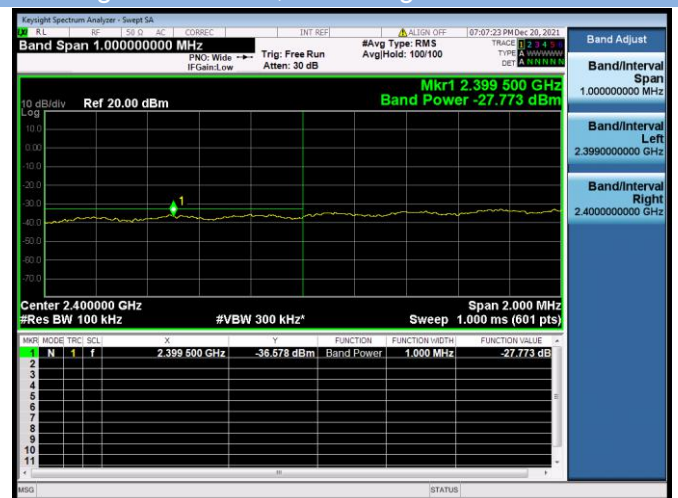
802.11b CHANNEL 11, Band Edge



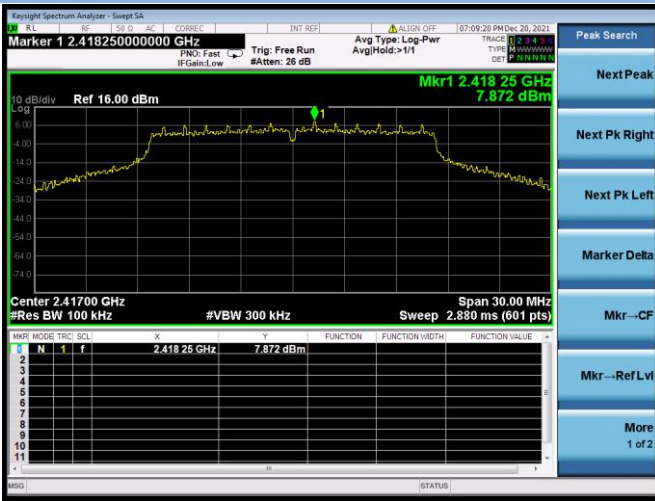
802.11g CHANNEL 1, Carrier level



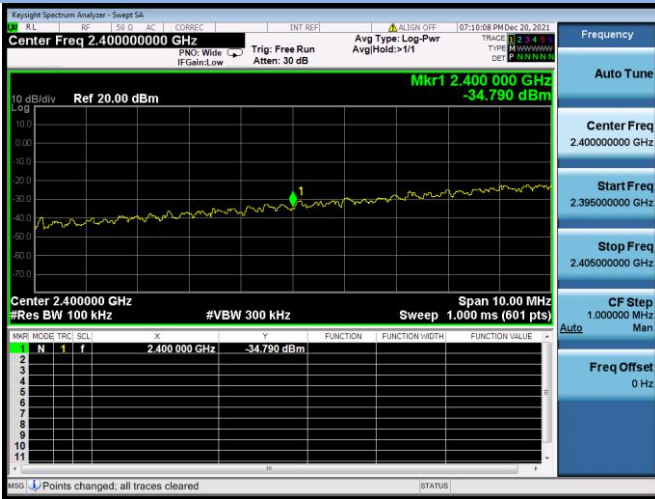
802.11g CHANNEL 1, Reference level



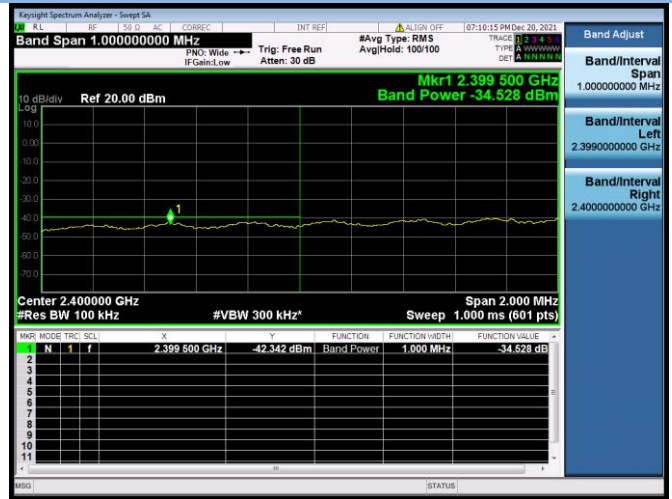
802.11g CHANNEL 2, Carrier level



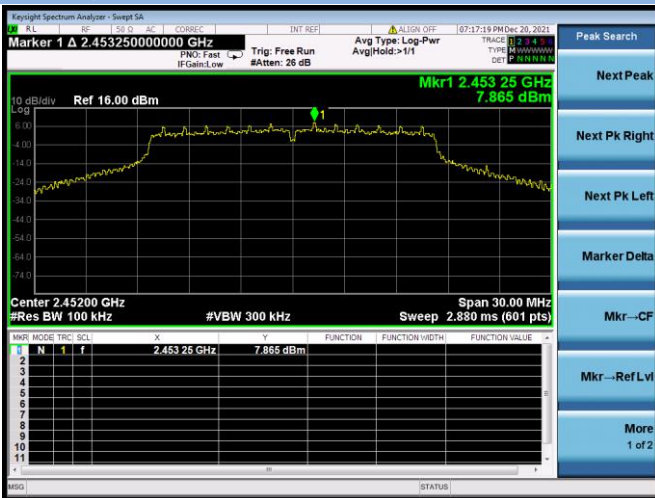
802.11g CHANNEL 2, Reference level



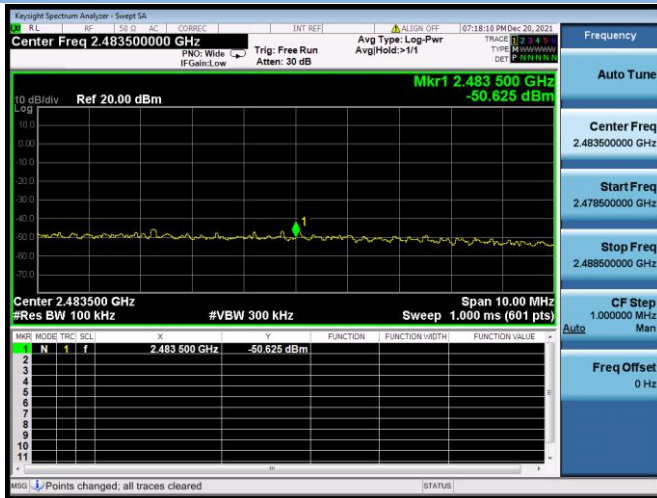
802.11g CHANNEL 2, Band Edge



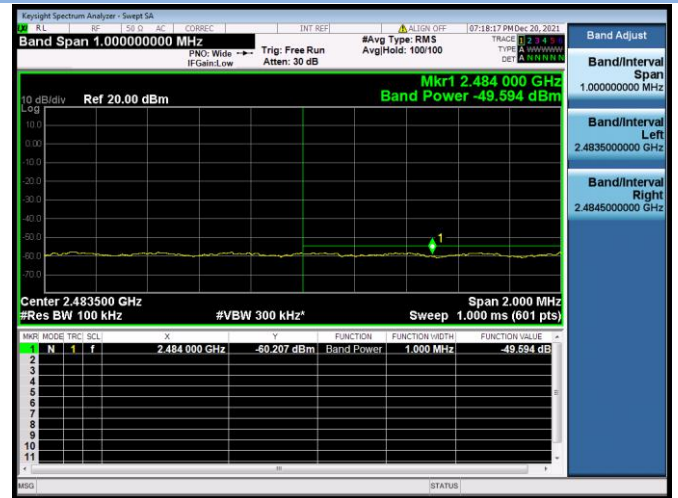
802.11g CHANNEL 9, Carrier level



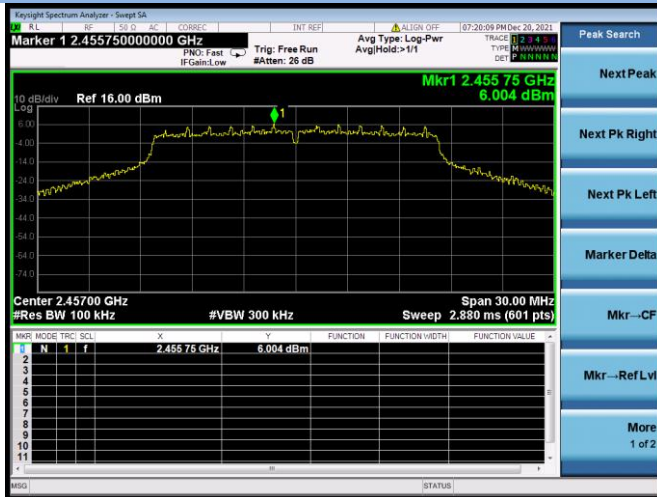
802.11g CHANNEL 9, Reference level



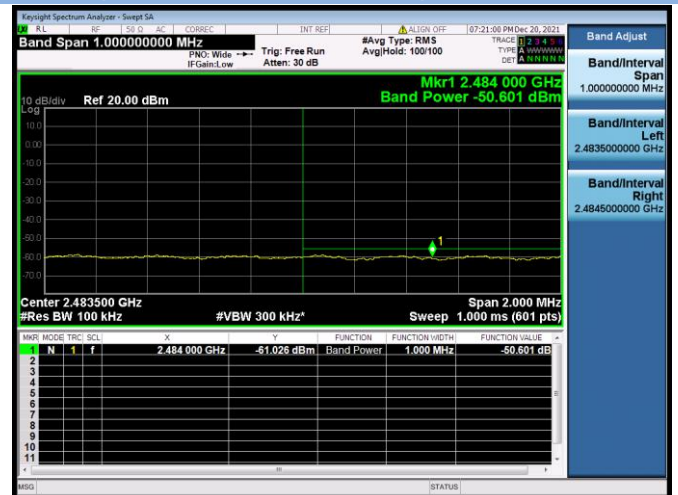
802.11g CHANNEL 9, Band Edge



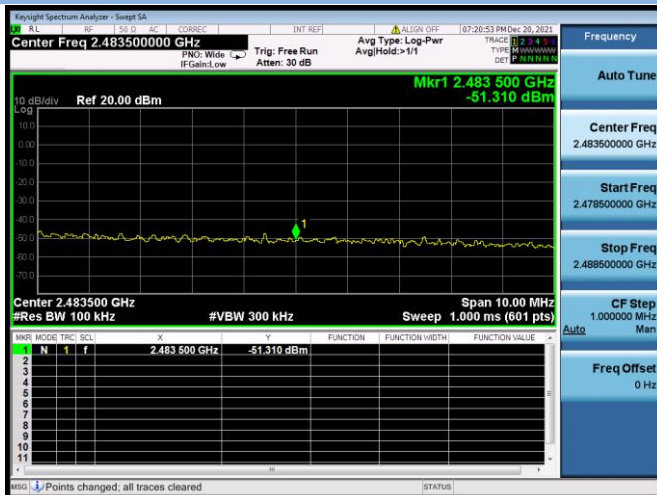
802.11g CHANNEL 10, Carrier level



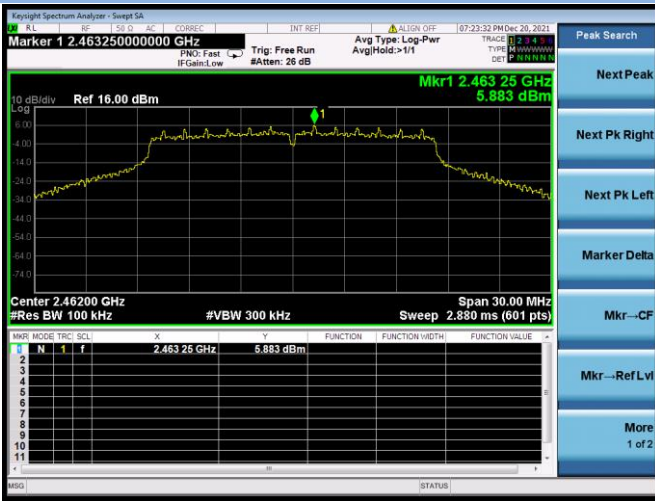
802.11g CHANNEL 10, Band Edge



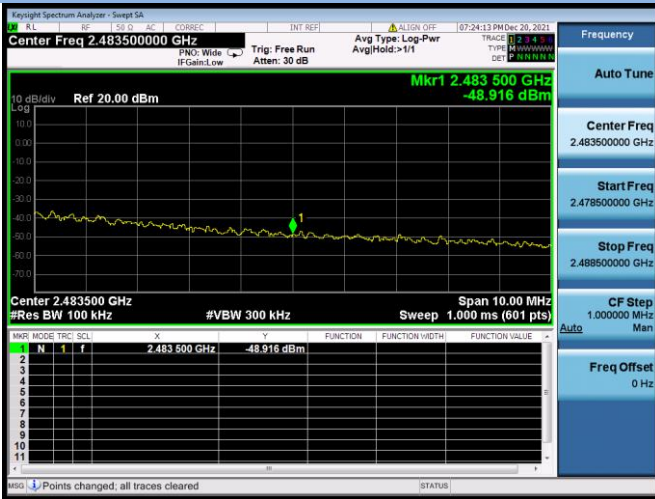
802.11g CHANNEL 10, Reference level



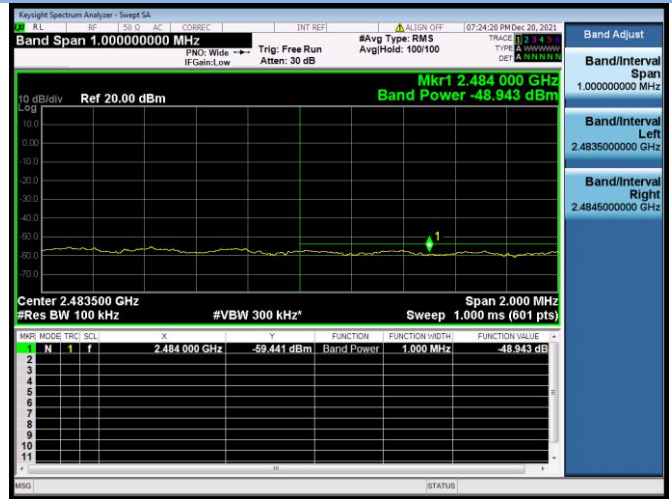
802.11g CHANNEL 11, Carrier level



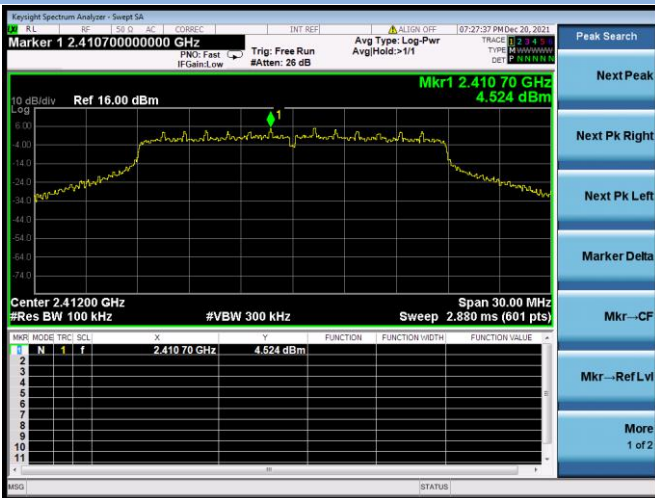
802.11g CHANNEL 11, Reference level



802.11g CHANNEL 11, Band Edge



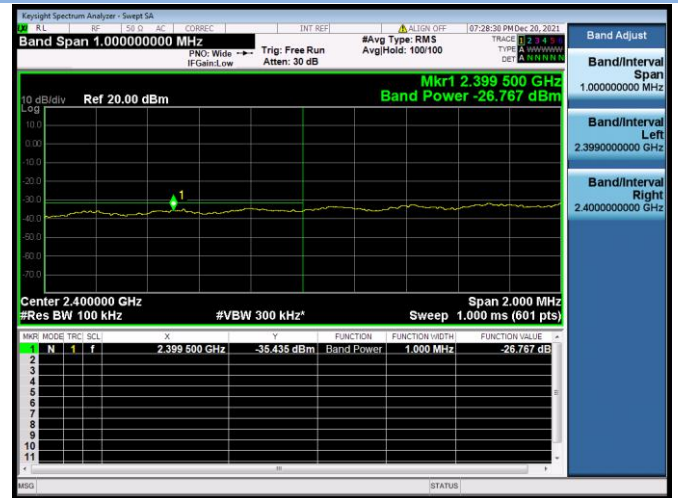
802.11n-20 MHz CHANNEL 1, Carrier level



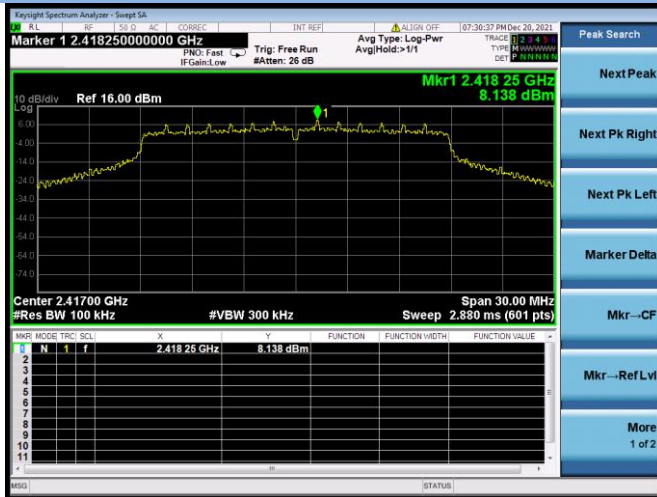
802.11n-20 MHz CHANNEL 1, Reference level



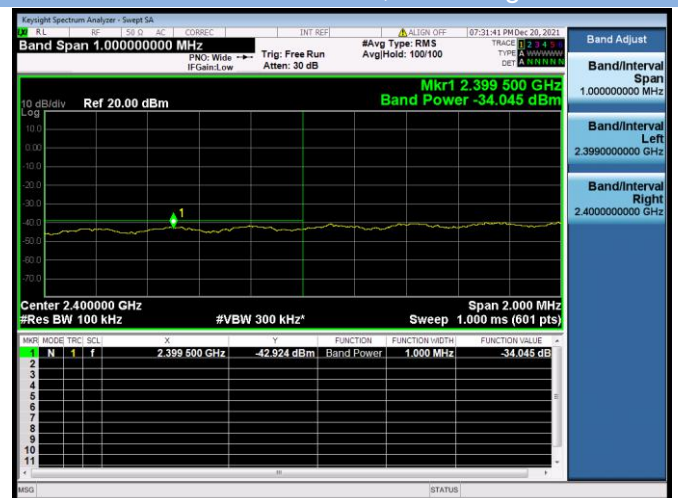
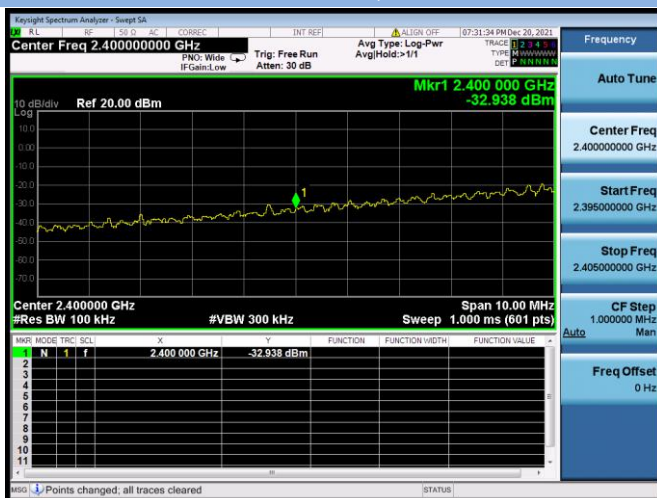
802.11n-20 MHz CHANNEL 1, Band Edge



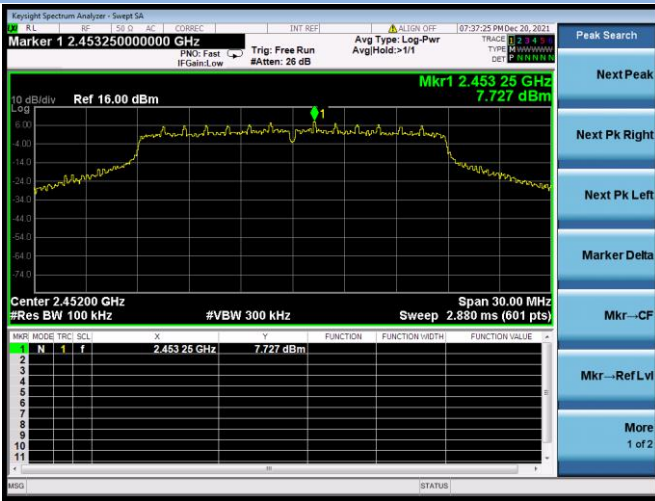
802.11n-20 MHz CHANNEL 2, Carrier level



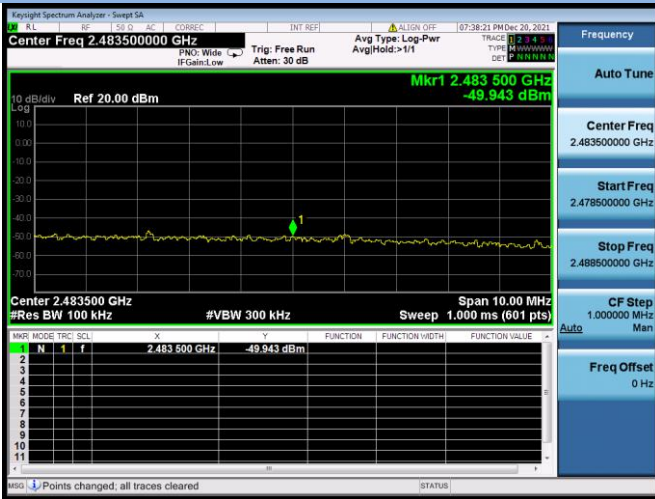
802.11n-20 MHz CHANNEL 2, Reference level



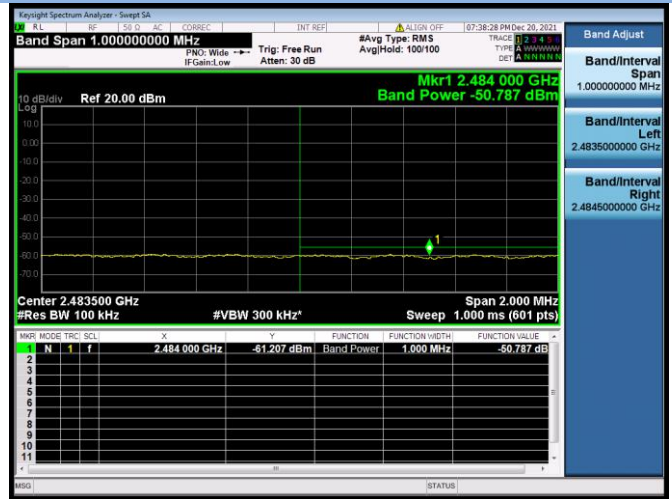
802.11n-20 MHz CHANNEL 9, Carrier level



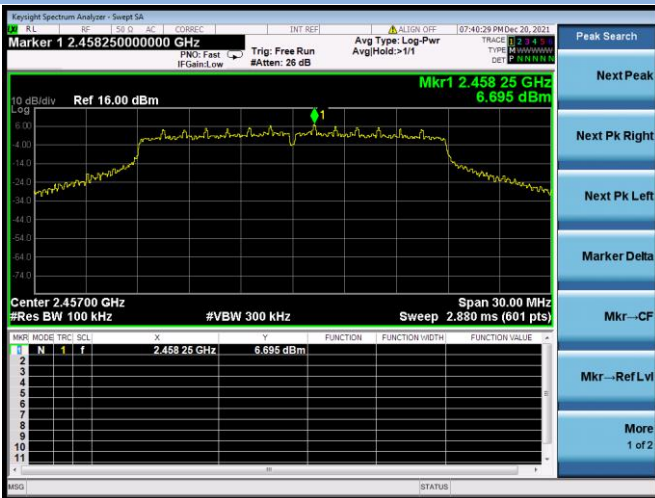
802.11n-20 MHz CHANNEL 9, Reference level



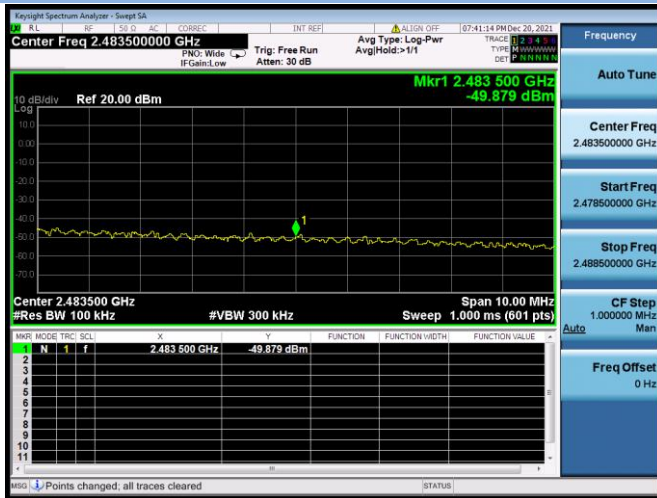
802.11n-20 MHz CHANNEL 9, Band Edge



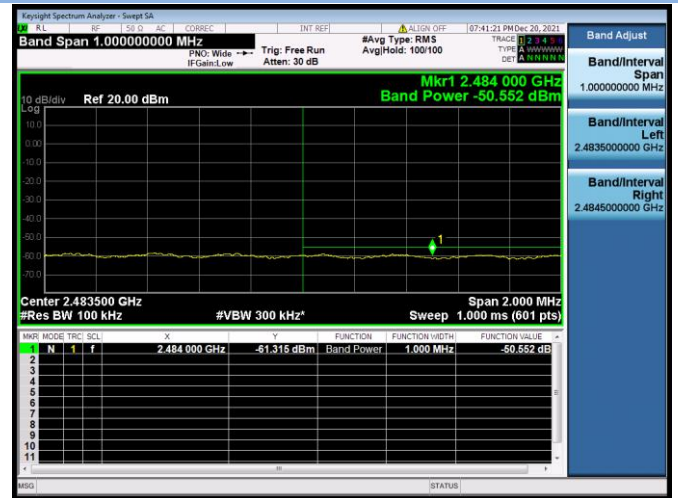
802.11n-20 MHz CHANNEL 10, Carrier level



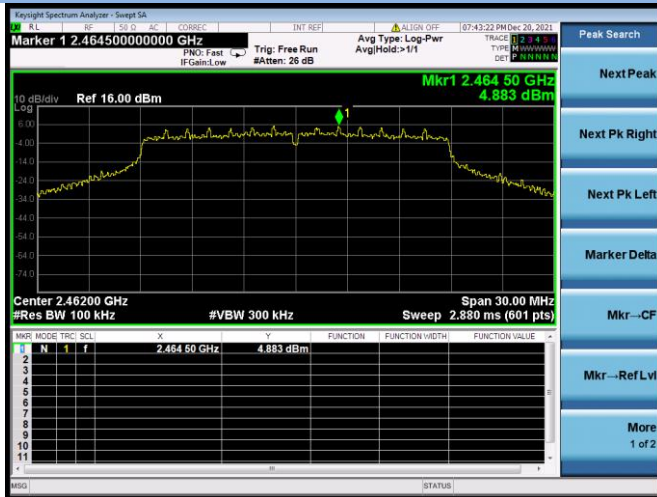
802.11n-20 MHz CHANNEL 10, Reference level



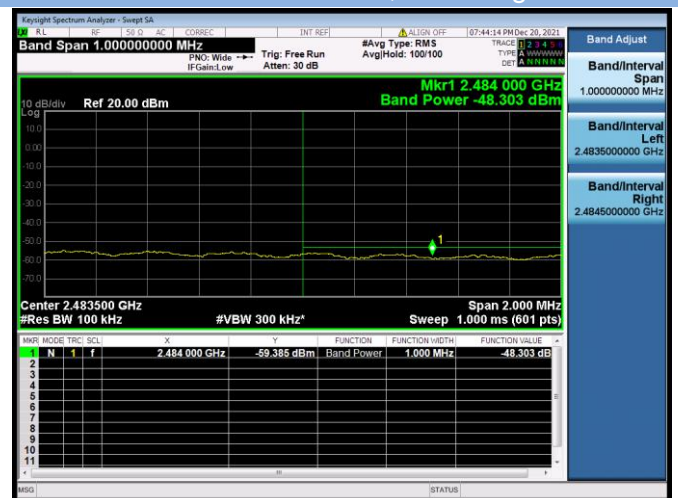
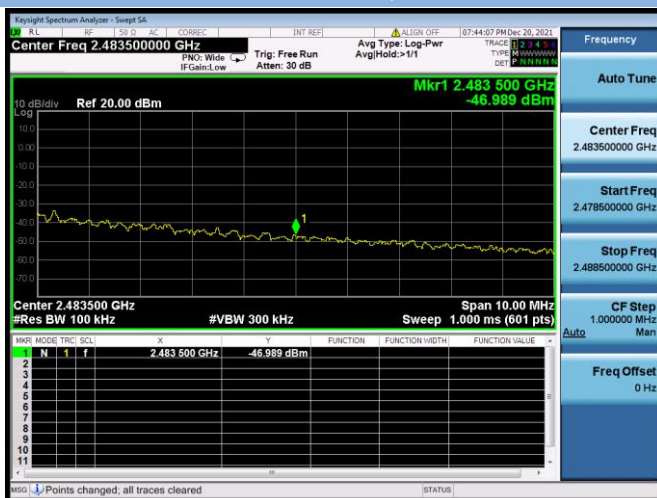
802.11n-20 MHz CHANNEL 10, Band Edge



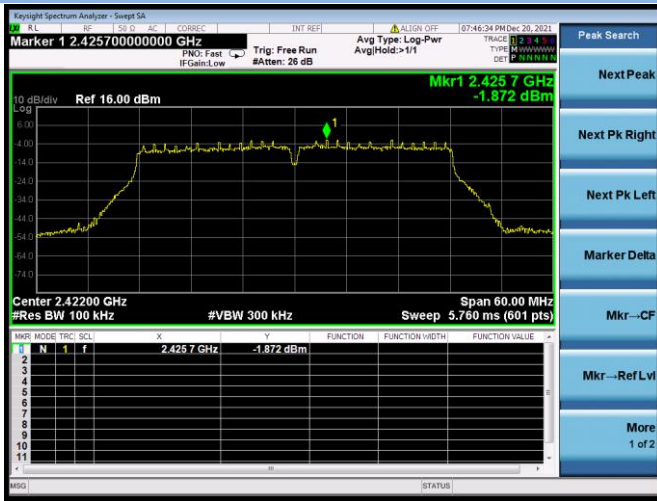
802.11n-20 MHz CHANNEL 11, Carrier level



802.11n-20 MHz CHANNEL 11, Reference level



802.11n-40 MHz CHANNEL 3, Carrier level



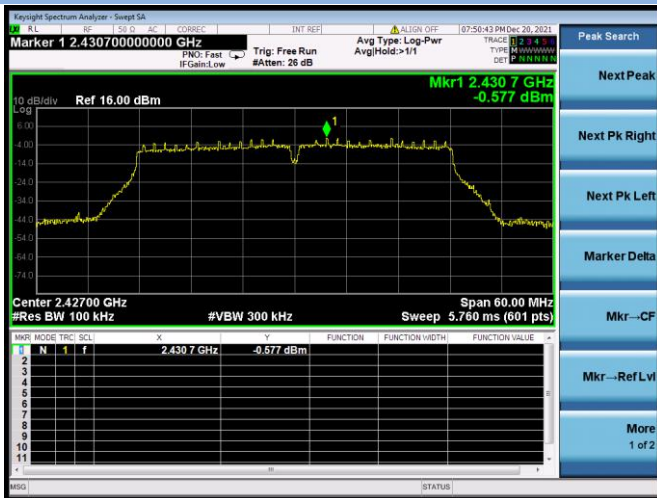
802.11n-40 MHz CHANNEL 3, Reference level



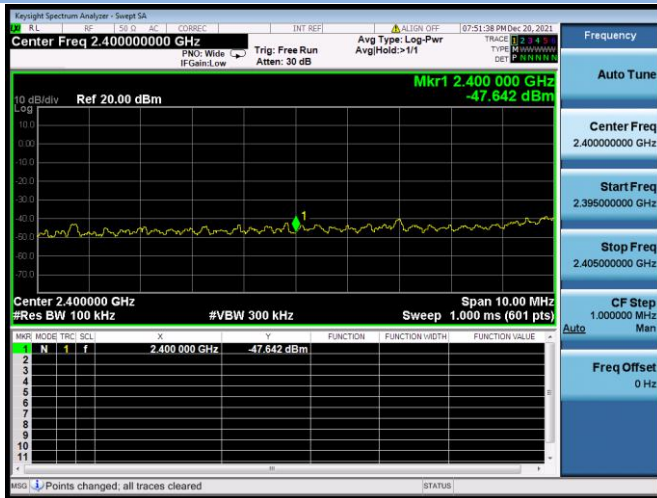
802.11n-40 MHz CHANNEL 3, Band Edge



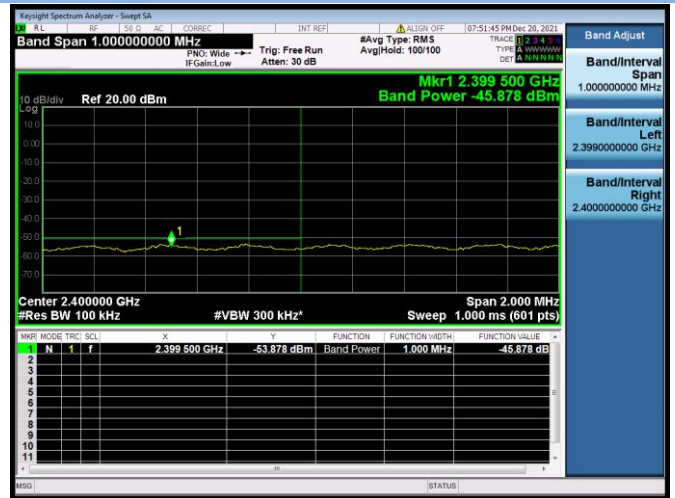
802.11n-40 MHz CHANNEL 4, Carrier level



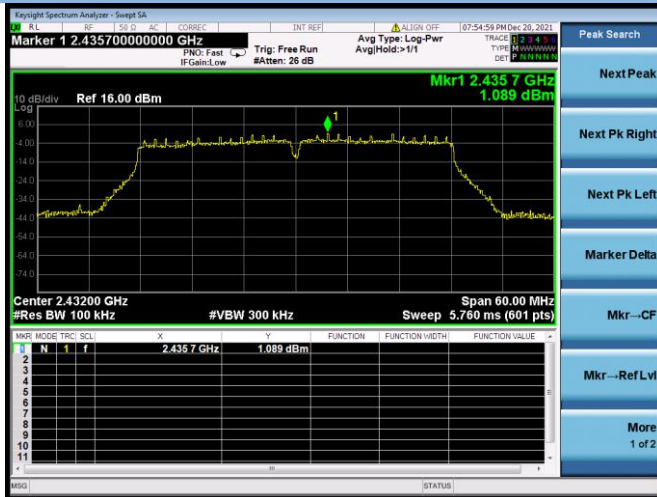
802.11n-40 MHz CHANNEL 4, Reference level



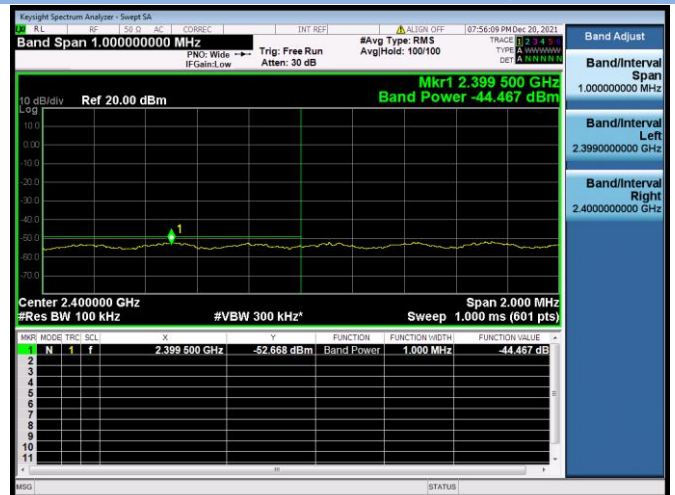
802.11n-40 MHz CHANNEL 4, Band Edge



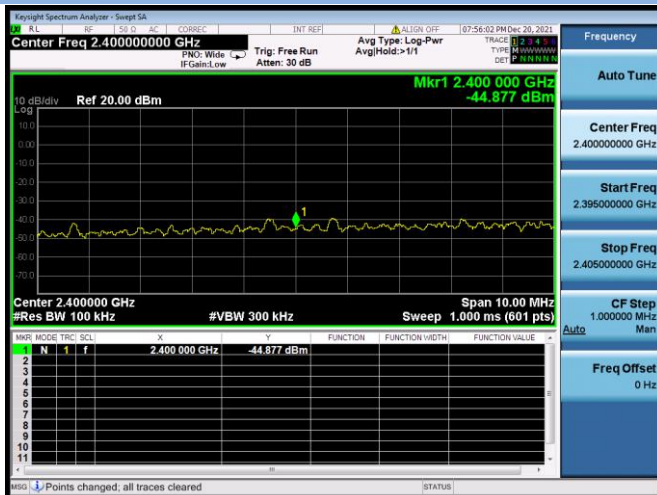
802.11n-40 MHz CHANNEL 5, Carrier level



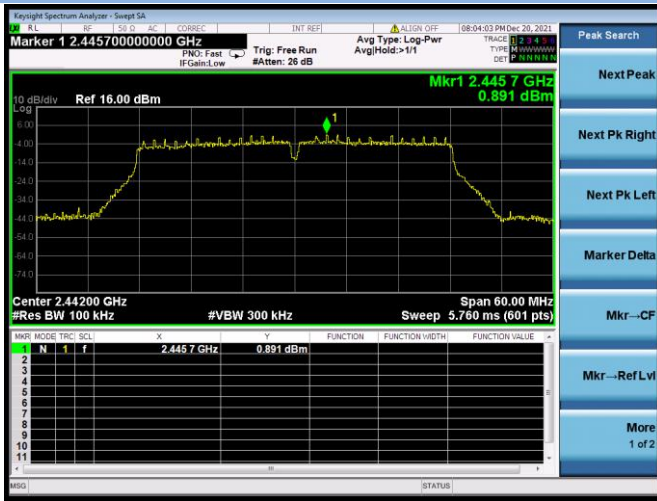
802.11n-40 MHz CHANNEL 5, Band Edge



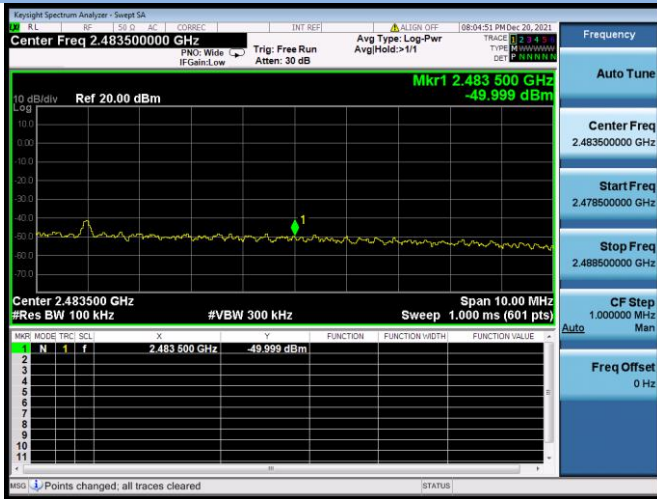
802.11n-40 MHz CHANNEL 5, Reference level



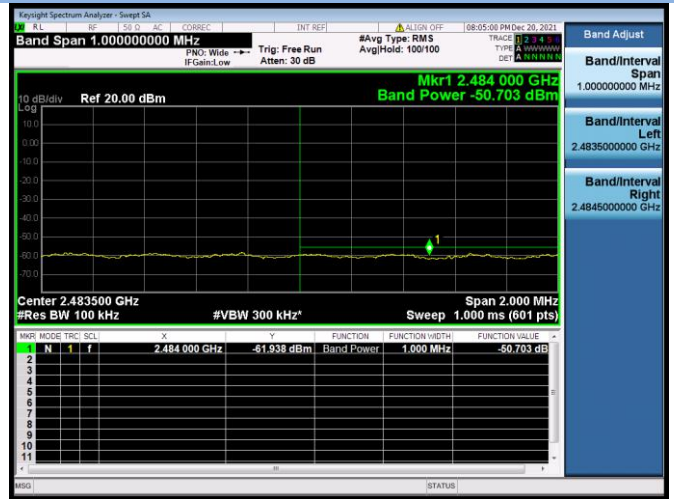
802.11n-40 MHz CHANNEL 7, Carrier level



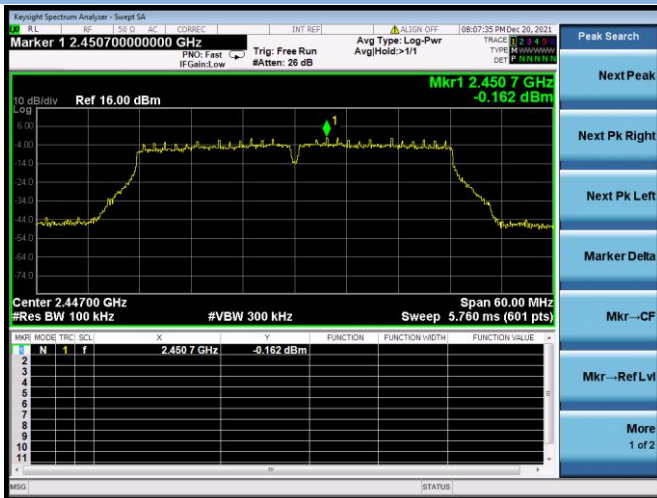
802.11n-40 MHz CHANNEL 7, Reference level



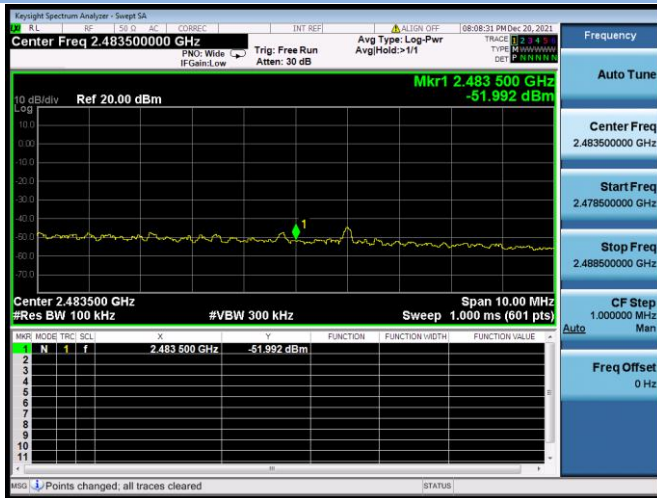
802.11n-40 MHz CHANNEL 7, Band Edge



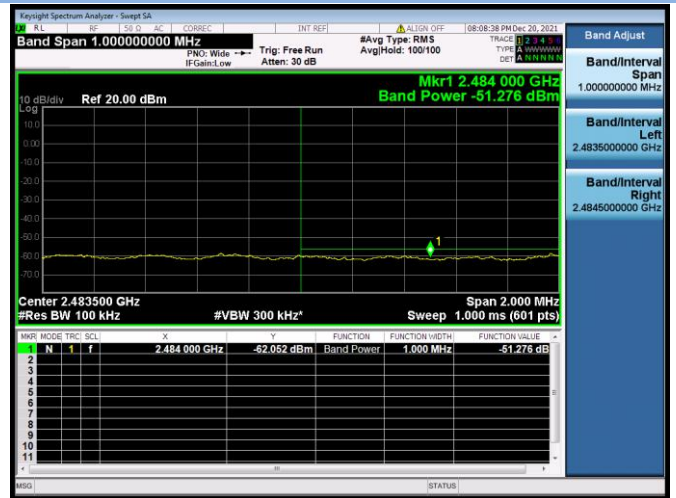
802.11n-40 MHz CHANNEL 8, Carrier level



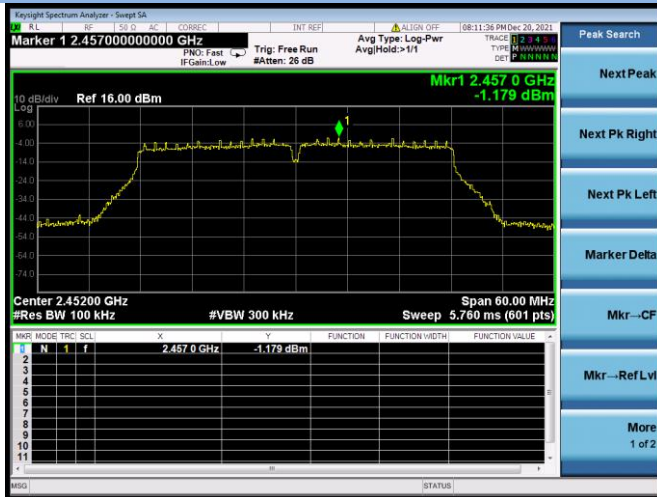
802.11n-40 MHz CHANNEL 8, Reference level



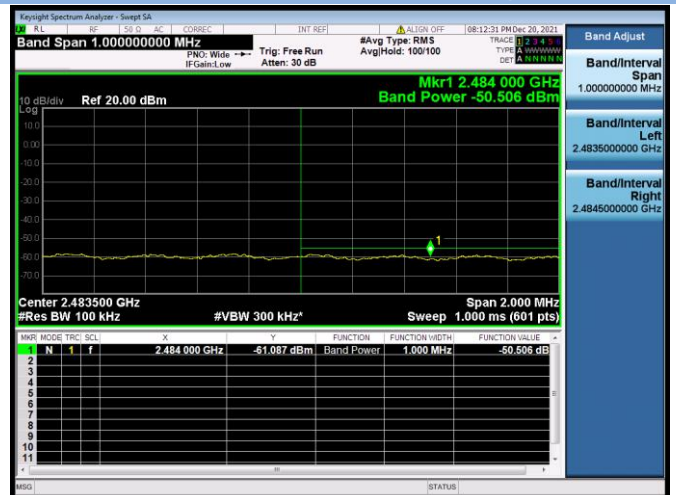
802.11n-40 MHz CHANNEL 8, Band Edge



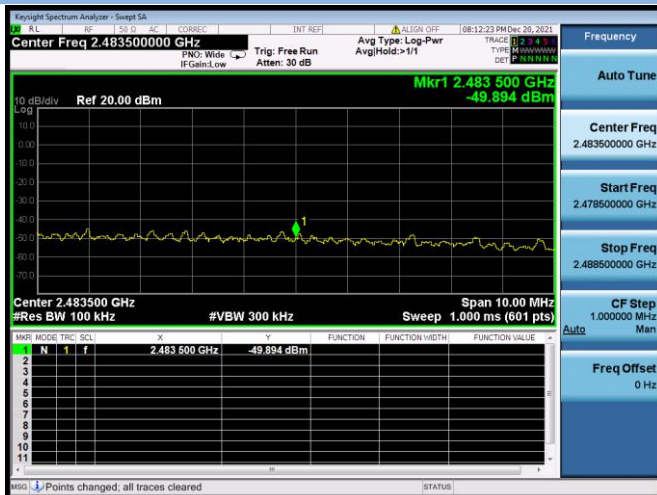
802.11n-40 MHz CHANNEL 9, Carrier level



802.11n-40 MHz CHANNEL 9, Band Edge



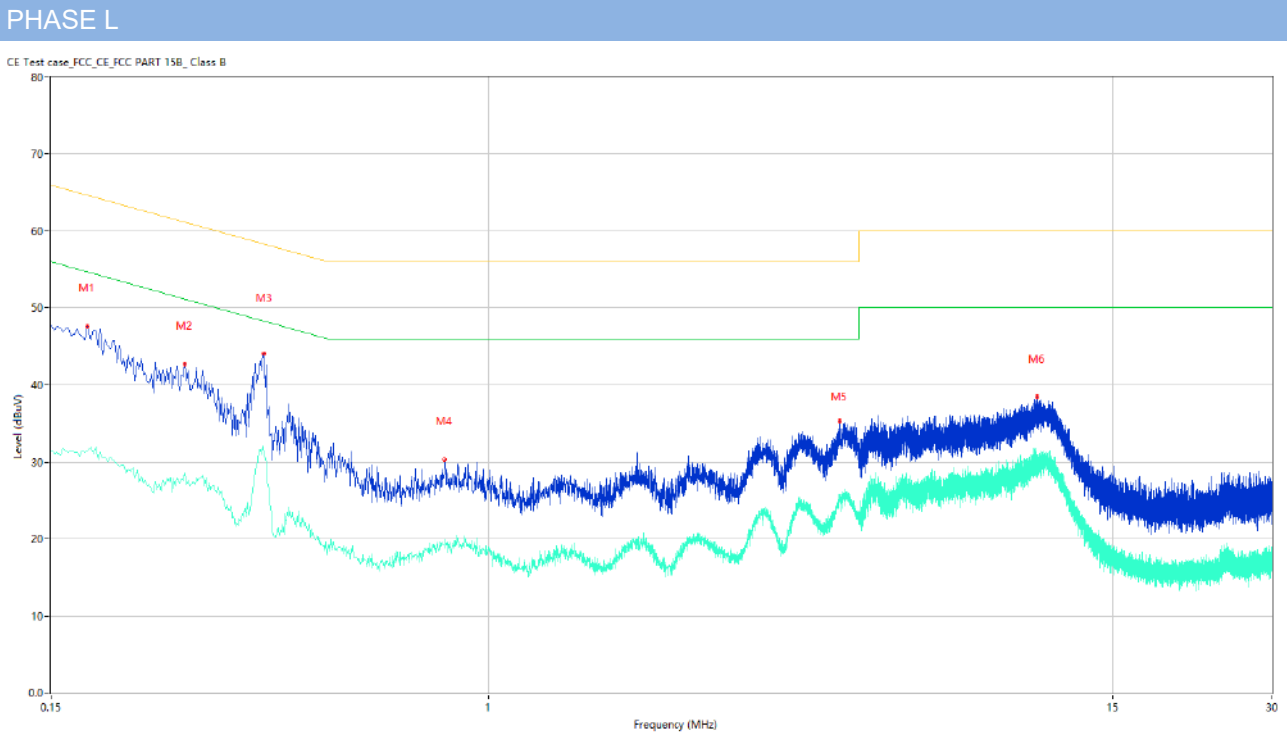
802.11n-40 MHz CHANNEL 9, Reference level



A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
 Note²: 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.

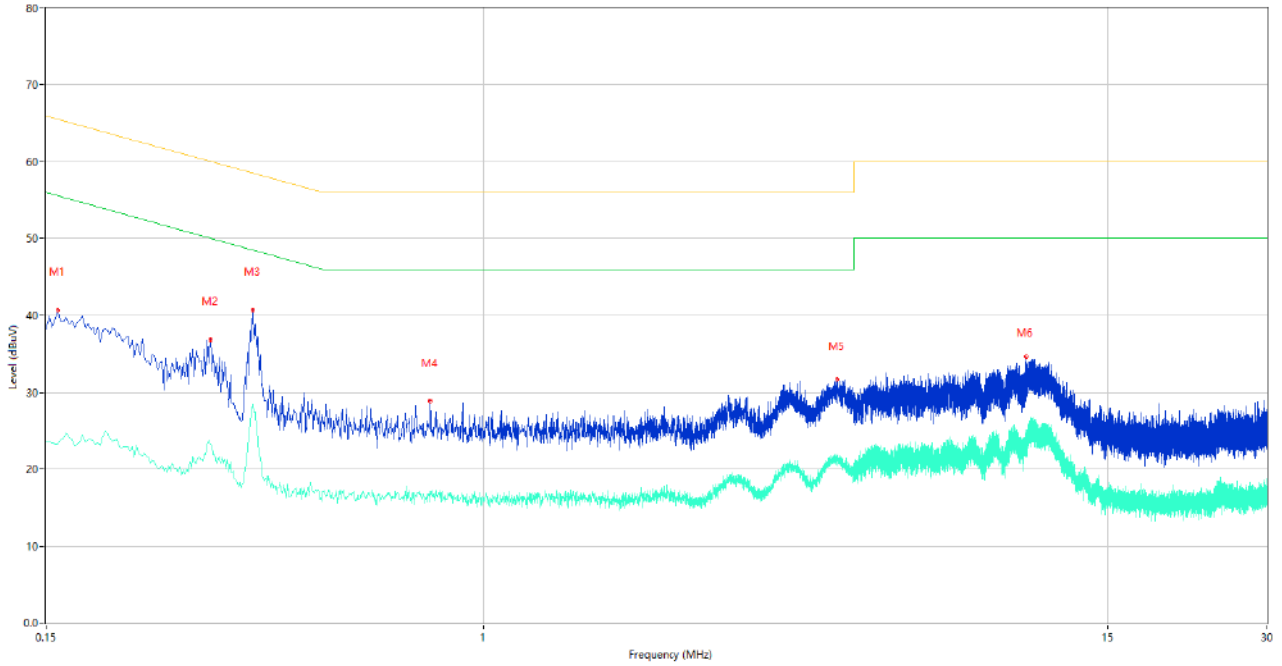
Test Data and Plots



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.176	47.66	10.14	64.67	-17.01	Peak	L	Pass
1**	0.176	31.43	10.14	54.67	-23.24	AV	L	Pass
2	0.268	42.74	10.08	61.18	-18.44	Peak	L	Pass
2**	0.268	28.59	10.08	51.18	-22.59	AV	L	Pass
3	0.378	44.10	10.08	58.32	-14.22	Peak	L	Pass
3**	0.378	31.14	10.08	48.32	-17.18	AV	L	Pass
4	0.828	30.28	10.06	56.00	-25.72	Peak	L	Pass
4**	0.828	18.89	10.06	46.00	-27.11	AV	L	Pass
5	4.596	35.33	9.99	56.00	-20.67	Peak	L	Pass
5**	4.596	24.91	9.99	46.00	-21.09	AV	L	Pass
6	10.826	38.48	10.08	60.00	-21.52	Peak	L	Pass
6**	10.826	30.92	10.08	50.00	-19.08	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	0.158	40.69	10.18	65.57	-24.88	Peak	N	Pass
1**	0.158	23.30	10.18	55.57	-32.27	AV	N	Pass
2	0.306	36.82	10.07	60.08	-23.26	Peak	N	Pass
2**	0.306	23.30	10.07	50.08	-26.78	AV	N	Pass
3	0.368	40.68	10.08	58.55	-17.87	Peak	N	Pass
3**	0.368	28.40	10.08	48.55	-20.15	AV	N	Pass
4	0.794	28.84	10.06	56.00	-27.16	Peak	N	Pass
4**	0.794	17.06	10.06	46.00	-28.94	AV	N	Pass
5	4.652	31.68	9.99	56.00	-24.32	Peak	N	Pass
5**	4.652	21.51	9.99	46.00	-24.49	AV	N	Pass
6	10.550	34.58	10.08	60.00	-25.42	Peak	N	Pass
6**	10.550	24.72	10.08	50.00	-25.28	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.

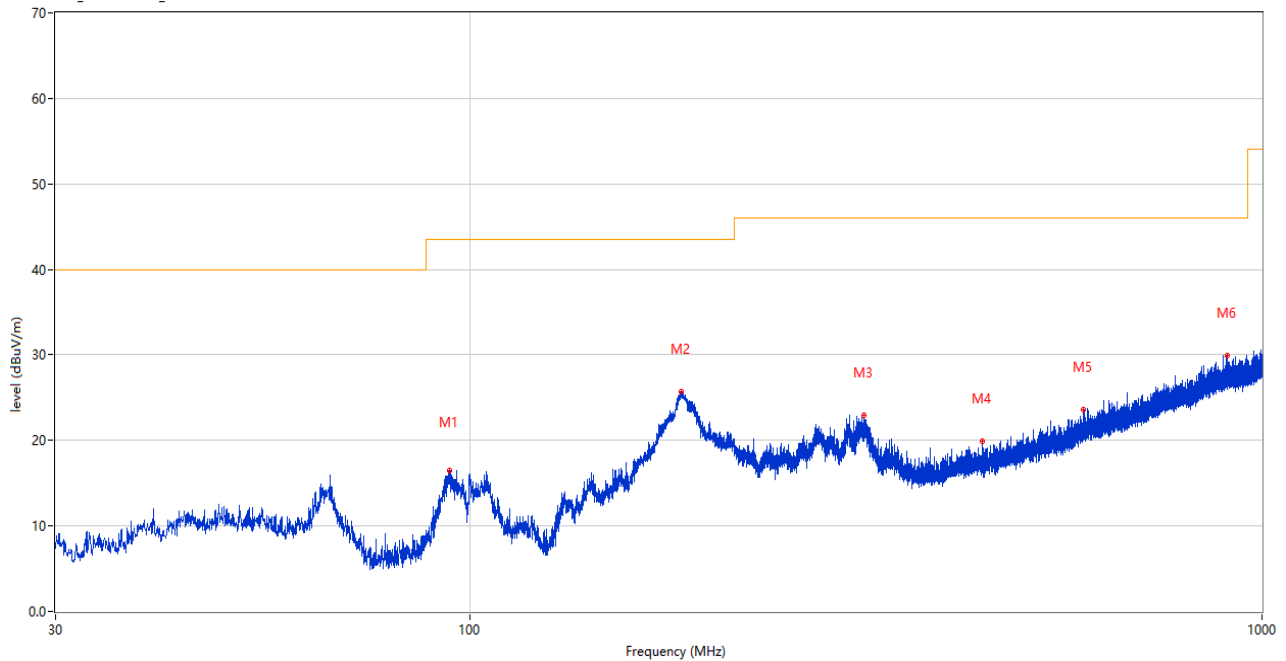
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

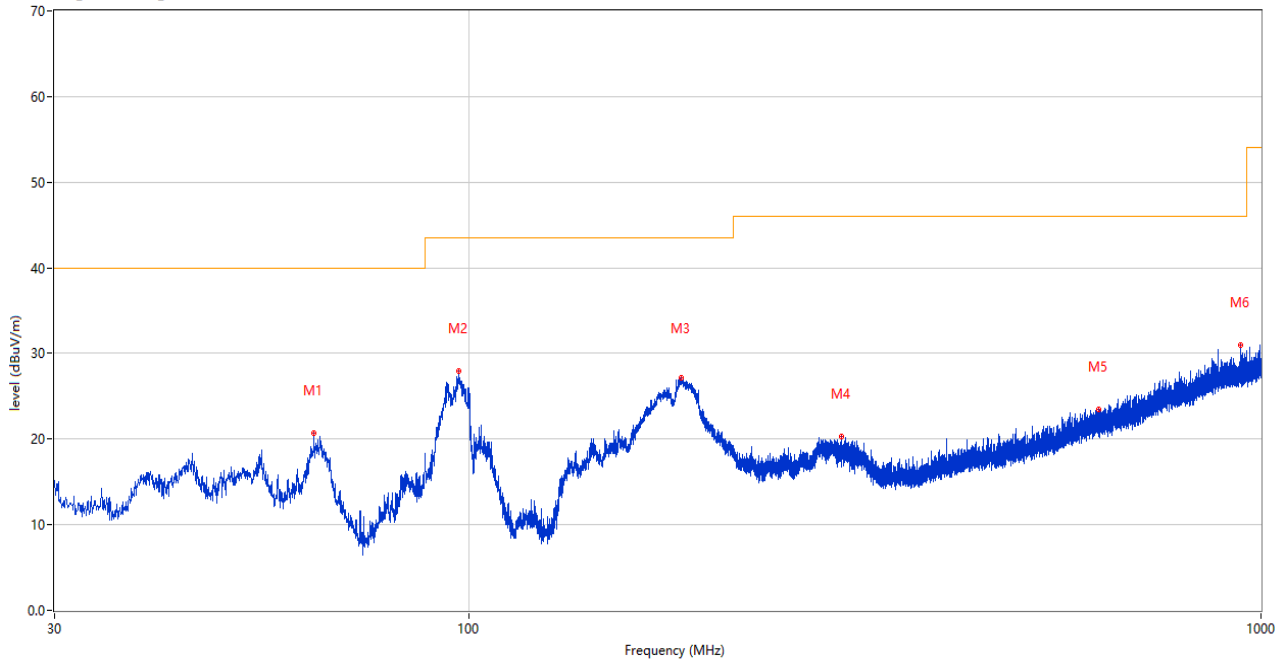
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	94.262	16.47	-27.66	43.5	-27.03	Peak	187.00	200	Horizontal	Pass
2	184.861	25.72	-28.13	43.5	-17.78	Peak	38.00	200	Horizontal	Pass
3	314.695	22.94	-23.28	46.0	-23.06	Peak	353.00	100	Horizontal	Pass
4	443.850	19.93	-20.07	46.0	-26.07	Peak	83.00	200	Horizontal	Pass
5	595.510	23.63	-15.99	46.0	-22.37	Peak	0.00	200	Horizontal	Pass
6	904.989	29.88	-9.79	46.0	-16.12	Peak	274.00	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	63.756	20.67	-27.22	40.0	-19.33	Peak	135.00	100	Vertical	Pass
2	97.221	27.92	-27.18	43.5	-15.58	Peak	229.00	100	Vertical	Pass
3	185.200	27.21	-28.06	43.5	-16.29	Peak	34.00	100	Vertical	Pass
4	295.392	20.24	-23.80	46.0	-25.76	Peak	234.00	100	Vertical	Pass
5	624.028	23.42	-15.52	46.0	-22.58	Peak	21.00	100	Vertical	Pass
6	942.042	31.01	-9.51	46.0	-14.99	Peak	70.00	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	2128.800	52.54	-13.98	74.0	-21.46	Peak	58.00	150	Horizontal	Pass
1**	2128.800	40.49	-13.98	54.0	-13.51	AV	58.00	150	Horizontal	Pass
2	2408.900	104.56	-12.27	74.0	30.56	Peak	348.00	150	Horizontal	N/A
2**	2408.900	101.83	-12.27	54.0	47.83	AV	348.00	150	Horizontal	N/A
3	4857.400	51.39	-3.27	74.0	-22.61	Peak	76.00	150	Horizontal	Pass
3**	4857.400	41.04	-3.27	54.0	-12.96	AV	76.00	150	Horizontal	Pass
4	6683.800	53.79	-0.34	74.0	-20.21	Peak	314.00	150	Horizontal	Pass
4**	6683.800	45.36	-0.34	54.0	-8.64	AV	314.00	150	Horizontal	Pass
5	10103.562	52.27	0.13	74.0	-21.73	Peak	0.00	150	Horizontal	Pass
5**	10103.562	42.62	0.13	54.0	-11.38	AV	0.00	150	Horizontal	Pass
6	16382.213	56.42	1.76	74.0	-17.58	Peak	360.00	150	Horizontal	Pass
6**	16382.213	47.39	1.76	54.0	-6.61	AV	360.00	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	1596.300	47.56	-17.69	74.0	-26.44	Peak	272.00	150	Vertical	Pass
1**	1596.300	38.89	-17.69	54.0	-15.11	AV	272.00	150	Vertical	Pass
2	2410.900	96.12	-12.25	74.0	22.12	Peak	172.00	150	Vertical	N/A
2**	2410.900	93.14	-12.25	54.0	39.14	AV	172.00	150	Vertical	N/A
3	4254.000	52.52	-5.00	74.0	-21.48	Peak	238.00	150	Vertical	Pass
3**	4254.000	39.38	-5.00	54.0	-14.62	AV	238.00	150	Vertical	Pass
4	6689.600	54.80	-0.27	74.0	-19.20	Peak	90.00	150	Vertical	Pass
4**	6689.600	44.98	-0.27	54.0	-9.02	AV	90.00	150	Vertical	Pass
5	10328.963	52.28	-0.01	74.0	-21.72	Peak	221.00	150	Vertical	Pass
5**	10328.963	42.71	-0.01	54.0	-11.29	AV	221.00	150	Vertical	Pass
6	16079.549	56.47	1.63	74.0	-17.53	Peak	255.00	150	Vertical	Pass
6**	16079.549	47.40	1.63	54.0	-6.60	AV	255.00	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	1691.600	43.29	-17.26	74.0	-30.71	Peak	196.00	150	Horizontal	Pass
1**	1691.600	34.67	-17.26	54.0	-19.33	AV	196.00	150	Horizontal	Pass
2	2440.700	103.86	-12.78	74.0	29.86	Peak	332.00	150	Horizontal	N/A
2**	2440.700	100.92	-12.78	54.0	46.92	AV	332.00	150	Horizontal	N/A
3	5033.000	51.14	-3.05	74.0	-22.86	Peak	206.00	150	Horizontal	Pass
3**	5033.000	42.35	-3.05	54.0	-11.65	AV	206.00	150	Horizontal	Pass
4	6684.200	54.02	-0.30	74.0	-19.98	Peak	176.00	150	Horizontal	Pass
4**	6684.200	45.13	-0.30	54.0	-8.87	AV	176.00	150	Horizontal	Pass
5	9646.437	51.60	-0.12	74.0	-22.40	Peak	272.00	150	Horizontal	Pass
5**	9646.437	41.32	-0.12	54.0	-12.68	AV	272.00	150	Horizontal	Pass
6	16080.862	56.53	1.62	74.0	-17.47	Peak	21.00	150	Horizontal	Pass
6**	16080.862	46.89	1.62	54.0	-7.11	AV	21.00	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	1593.500	48.16	-17.46	74.0	-25.84	Peak	274.00	150	Vertical	Pass
1**	1593.500	39.81	-17.46	54.0	-14.19	AV	274.00	150	Vertical	Pass
2	2438.000	94.74	-12.60	74.0	20.74	Peak	257.00	150	Vertical	N/A
2**	2438.000	91.92	-12.60	54.0	37.92	AV	257.00	150	Vertical	N/A
3	4787.600	51.35	-2.76	74.0	-22.65	Peak	281.00	150	Vertical	Pass
3**	4787.600	43.14	-2.76	54.0	-10.86	AV	281.00	150	Vertical	Pass
4	6379.600	54.27	-2.36	74.0	-19.73	Peak	295.00	150	Vertical	Pass
4**	6379.600	44.12	-2.36	54.0	-9.88	AV	295.00	150	Vertical	Pass
5	9701.638	51.37	-0.07	74.0	-22.63	Peak	243.00	150	Vertical	Pass
5**	9701.638	42.61	-0.07	54.0	-11.39	AV	243.00	150	Vertical	Pass
6	16411.875	56.62	1.30	74.0	-17.38	Peak	66.00	150	Vertical	Pass
6**	16411.875	46.64	1.30	54.0	-7.36	AV	66.00	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	1812.900	44.74	-16.66	74.0	-29.26	Peak	16.00	150	Horizontal	Pass
1**	1812.900	33.19	-16.66	54.0	-20.81	AV	16.00	150	Horizontal	Pass
2	2460.500	103.67	-12.75	74.0	29.67	Peak	340.00	150	Horizontal	N/A
2**	2460.500	100.63	-12.75	54.0	46.63	AV	340.00	150	Horizontal	N/A
3	4924.000	51.42	-2.59	74.0	-22.58	Peak	360.00	150	Horizontal	Pass
3**	4924.000	43.21	-2.59	54.0	-10.79	AV	360.00	150	Horizontal	Pass
4	6688.400	54.28	-0.25	74.0	-19.72	Peak	10.00	150	Horizontal	Pass
4**	6688.400	45.56	-0.25	54.0	-8.44	AV	10.00	150	Horizontal	Pass
5	10182.050	52.36	0.08	74.0	-21.64	Peak	0.00	150	Horizontal	Pass
5**	10182.050	42.57	0.08	54.0	-11.43	AV	0.00	150	Horizontal	Pass
6	15851.963	56.45	1.28	74.0	-17.55	Peak	167.00	150	Horizontal	Pass
6**	15851.963	46.75	1.28	54.0	-7.25	AV	167.00	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	1595.500	48.28	-17.63	74.0	-25.72	Peak	259.00	150	Vertical	Pass
1**	1595.500	37.45	-17.63	54.0	-16.55	AV	259.00	150	Vertical	Pass
2	2460.800	96.08	-12.75	74.0	22.08	Peak	259.00	150	Vertical	N/A
2**	2460.800	93.17	-12.75	54.0	39.17	AV	259.00	150	Vertical	N/A
3	4256.800	52.43	-4.92	74.0	-21.57	Peak	268.00	150	Vertical	Pass
3**	4256.800	39.64	-4.92	54.0	-14.36	AV	268.00	150	Vertical	Pass
4	6684.000	53.63	-0.32	74.0	-20.37	Peak	346.00	150	Vertical	Pass
4**	6684.000	45.29	-0.32	54.0	-8.71	AV	346.00	150	Vertical	Pass
5	10038.300	52.94	-0.62	74.0	-21.06	Peak	325.00	150	Vertical	Pass
5**	10038.300	42.86	-0.62	54.0	-11.14	AV	325.00	150	Vertical	Pass
6	15237.713	55.94	0.99	74.0	-18.06	Peak	130.00	150	Vertical	Pass
6**	15237.713	45.86	0.99	54.0	-8.14	AV	130.00	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	1596.300	44.54	-17.69	74.0	-29.46	Peak	228.00	150	Horizontal	Pass
1**	1596.300	32.74	-17.69	54.0	-21.26	AV	228.00	150	Horizontal	Pass
2	2418.700	108.00	-12.27	74.0	34.00	Peak	356.00	150	Horizontal	N/A
2**	2418.700	99.83	-12.27	54.0	45.83	AV	356.00	150	Horizontal	N/A
3	4644.200	50.25	-3.55	74.0	-23.75	Peak	274.00	150	Horizontal	Pass
3**	4644.200	40.43	-3.55	54.0	-13.57	AV	274.00	150	Horizontal	Pass
4	6685.200	54.08	-0.19	74.0	-19.92	Peak	339.00	150	Horizontal	Pass
4**	6685.200	45.51	-0.19	54.0	-8.49	AV	339.00	150	Horizontal	Pass
5	10431.887	52.07	-0.13	74.0	-21.93	Peak	74.00	150	Horizontal	Pass
5**	10431.887	42.36	-0.13	54.0	-11.64	AV	74.00	150	Horizontal	Pass
6	16370.925	56.29	1.78	74.0	-17.71	Peak	0.00	150	Horizontal	Pass
6**	16370.925	46.32	1.78	54.0	-7.68	AV	0.00	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	1593.200	47.62	-17.47	74.0	-26.38	Peak	234.00	150	Vertical	Pass
1**	1593.200	34.19	-17.47	54.0	-19.81	AV	234.00	150	Vertical	Pass
2	2409.100	97.87	-12.26	74.0	23.87	Peak	253.00	150	Vertical	N/A
2**	2409.100	88.76	-12.26	54.0	34.76	AV	253.00	150	Vertical	N/A
3	4798.400	52.37	-2.55	74.0	-21.63	Peak	282.00	150	Vertical	Pass
3**	4798.400	43.44	-2.55	54.0	-10.56	AV	282.00	150	Vertical	Pass
4	6686.400	54.72	-0.21	74.0	-19.28	Peak	282.00	150	Vertical	Pass
4**	6686.400	44.85	-0.21	54.0	-9.15	AV	282.00	150	Vertical	Pass
5	11033.912	52.74	-0.58	74.0	-21.26	Peak	108.00	150	Vertical	Pass
5**	11033.912	43.34	-0.58	54.0	-10.66	AV	108.00	150	Vertical	Pass
6	16073.513	56.15	1.48	74.0	-17.85	Peak	277.00	150	Vertical	Pass
6**	16073.513	46.69	1.48	54.0	-7.31	AV	277.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1828.700	47.95	-16.48	74.0	-26.05	Peak	215.00	150	Horizontal	Pass
1**	1828.700	36.75	-16.48	54.0	-17.25	AV	215.00	150	Horizontal	Pass
2	2418.000	106.03	-12.24	74.0	32.03	Peak	355.00	150	Horizontal	N/A
2**	2418.000	103.25	-12.24	54.0	49.25	AV	355.00	150	Horizontal	N/A
3	5164.750	51.00	-3.30	74.0	-23.00	Peak	151.00	150	Horizontal	Pass
3**	5164.750	41.58	-3.30	54.0	-12.42	AV	151.00	150	Horizontal	Pass
4	7481.750	53.52	1.08	74.0	-20.48	Peak	61.00	150	Horizontal	Pass
4**	7481.750	45.19	1.08	54.0	-8.81	AV	61.00	150	Horizontal	Pass
5	8397.500	49.56	-4.52	74.0	-24.44	Peak	45.00	150	Horizontal	Pass
5**	8397.500	38.05	-4.52	54.0	-15.95	AV	45.00	150	Horizontal	Pass
6	16860.500	55.07	1.17	74.0	-18.93	Peak	330.00	150	Horizontal	Pass
6**	16860.500	44.78	1.17	54.0	-9.22	AV	330.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.600	47.17	-17.43	74.0	-26.83	Peak	269.00	150	Vertical	Pass
1**	1598.600	37.08	-17.43	54.0	-16.92	AV	269.00	150	Vertical	Pass
2	2418.200	95.49	-12.24	74.0	21.49	Peak	241.00	150	Vertical	N/A
2**	2418.200	92.76	-12.24	54.0	38.76	AV	241.00	150	Vertical	N/A
3	5123.750	50.28	-2.90	74.0	-23.72	Peak	299.00	150	Vertical	Pass
3**	5123.750	40.99	-2.90	54.0	-13.01	AV	299.00	150	Vertical	Pass
4	7482.000	53.27	1.10	74.0	-20.73	Peak	299.00	150	Vertical	Pass
4**	7482.000	43.92	1.10	54.0	-10.08	AV	299.00	150	Vertical	Pass
5	9316.000	48.83	-4.64	74.0	-25.17	Peak	169.00	150	Vertical	Pass
5**	9316.000	39.23	-4.64	54.0	-14.77	AV	169.00	150	Vertical	Pass
6	17273.999	55.45	1.97	74.0	-18.55	Peak	299.00	150	Vertical	Pass
6**	17273.999	44.89	1.97	54.0	-9.11	AV	299.00	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	1833.600	45.57	-16.63	74.0	-28.43	Peak	187.00	150	Horizontal	Pass
1**	1833.600	37.86	-16.63	54.0	-16.14	AV	187.00	150	Horizontal	Pass
2	2438.200	107.52	-12.60	74.0	33.52	Peak	349.00	150	Horizontal	N/A
2**	2438.200	100.37	-12.60	54.0	46.37	AV	349.00	150	Horizontal	N/A
3	4799.400	51.14	-2.55	74.0	-22.86	Peak	108.00	150	Horizontal	Pass
3**	4799.400	42.41	-2.55	54.0	-11.59	AV	108.00	150	Horizontal	Pass
4	6683.400	54.32	-0.38	74.0	-19.68	Peak	360.00	150	Horizontal	Pass
4**	6683.400	45.37	-0.38	54.0	-8.63	AV	360.00	150	Horizontal	Pass
5	10644.350	53.23	-0.86	74.0	-20.77	Peak	0.00	150	Horizontal	Pass
5**	10644.350	42.91	-0.86	54.0	-11.09	AV	0.00	150	Horizontal	Pass
6	16088.475	55.92	1.46	74.0	-18.08	Peak	360.00	150	Horizontal	Pass
6**	16088.475	47.47	1.46	54.0	-6.53	AV	360.00	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	1594.200	47.21	-17.47	74.0	-26.79	Peak	289.00	150	Vertical	Pass
1**	1594.200	37.10	-17.47	54.0	-16.90	AV	289.00	150	Vertical	Pass
2	2439.500	96.69	-12.64	74.0	22.69	Peak	191.00	150	Vertical	N/A
2**	2439.500	87.90	-12.64	54.0	33.90	AV	191.00	150	Vertical	N/A
3	4266.600	55.11	-4.56	74.0	-18.89	Peak	268.00	150	Vertical	Pass
3**	4266.600	41.00	-4.56	54.0	-13.00	AV	268.00	150	Vertical	Pass
4	6382.800	53.95	-2.32	74.0	-20.05	Peak	299.00	150	Vertical	Pass
4**	6382.800	46.89	-2.32	54.0	-7.11	AV	299.00	150	Vertical	Pass
5	10205.338	52.66	0.32	74.0	-21.34	Peak	217.00	150	Vertical	Pass
5**	10205.338	43.30	0.32	54.0	-10.70	AV	217.00	150	Vertical	Pass
6	15232.987	56.48	0.97	74.0	-17.52	Peak	17.00	150	Vertical	Pass
6**	15232.987	46.63	0.97	54.0	-7.37	AV	17.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1819.400	46.50	-16.51	74.0	-27.50	Peak	212.00	150	Horizontal	Pass
1**	1819.400	38.60	-16.51	54.0	-15.40	AV	212.00	150	Horizontal	Pass
2	2450.800	105.65	-12.66	74.0	31.65	Peak	28.00	150	Horizontal	N/A
2**	2450.800	102.73	-12.66	54.0	48.73	AV	28.00	150	Horizontal	N/A
3	5328.250	50.95	-3.29	74.0	-23.05	Peak	360.00	150	Horizontal	Pass
3**	5328.250	40.78	-3.29	54.0	-13.22	AV	360.00	150	Horizontal	Pass
4	7342.750	52.54	-0.16	74.0	-21.46	Peak	180.00	150	Horizontal	Pass
4**	7342.750	43.76	-0.16	54.0	-10.24	AV	180.00	150	Horizontal	Pass
5	9366.000	48.99	-5.05	74.0	-25.01	Peak	336.00	150	Horizontal	Pass
5**	9366.000	38.22	-5.05	54.0	-15.78	AV	336.00	150	Horizontal	Pass
6	17186.501	54.54	1.52	74.0	-19.46	Peak	39.00	150	Horizontal	Pass
6**	17186.501	44.95	1.52	54.0	-9.05	AV	39.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.300	46.62	-17.54	74.0	-27.38	Peak	291.00	150	Vertical	Pass
1**	1599.300	37.78	-17.54	54.0	-16.22	AV	291.00	150	Vertical	Pass
2	2453.300	95.87	-12.92	74.0	21.87	Peak	280.00	150	Vertical	N/A
2**	2453.300	92.90	-12.92	54.0	38.90	AV	280.00	150	Vertical	N/A
3	5344.750	50.80	-3.09	74.0	-23.20	Peak	0.00	150	Vertical	Pass
3**	5344.750	41.74	-3.09	54.0	-12.26	AV	0.00	150	Vertical	Pass
4	7483.000	53.07	1.12	74.0	-20.93	Peak	68.00	150	Vertical	Pass
4**	7483.000	44.46	1.12	54.0	-9.54	AV	68.00	150	Vertical	Pass
5	9463.000	48.50	-5.21	74.0	-25.50	Peak	36.00	150	Vertical	Pass
5**	9463.000	39.59	-5.21	54.0	-14.41	AV	36.00	150	Vertical	Pass
6	17522.999	54.48	3.11	74.0	-19.52	Peak	102.00	150	Vertical	Pass
6**	17522.999	45.13	3.11	54.0	-8.87	AV	102.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1818.300	46.36	-16.56	74.0	-27.64	Peak	213.00	150	Horizontal	Pass
1**	1818.300	38.19	-16.56	54.0	-15.81	AV	213.00	150	Horizontal	Pass
2	2457.000	105.27	-12.86	74.0	31.27	Peak	22.00	150	Horizontal	N/A
2**	2457.000	101.74	-12.86	54.0	47.74	AV	22.00	150	Horizontal	N/A
3	5259.500	51.33	-3.42	74.0	-22.67	Peak	109.00	150	Horizontal	Pass
3**	5259.500	40.94	-3.42	54.0	-13.06	AV	109.00	150	Horizontal	Pass
4	7480.500	53.20	0.99	74.0	-20.80	Peak	43.00	150	Horizontal	Pass
4**	7480.500	44.92	0.99	54.0	-9.08	AV	43.00	150	Horizontal	Pass
5	11704.500	49.11	-4.18	74.0	-24.89	Peak	258.00	150	Horizontal	Pass
5**	11704.500	39.22	-4.18	54.0	-14.78	AV	258.00	150	Horizontal	Pass
6	17615.000	54.85	3.17	74.0	-19.15	Peak	186.00	150	Horizontal	Pass
6**	17615.000	45.60	3.17	54.0	-8.40	AV	186.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1838.600	46.82	-16.45	74.0	-27.18	Peak	265.00	150	Vertical	Pass
1**	1838.600	37.45	-16.45	54.0	-16.55	AV	265.00	150	Vertical	Pass
2	2457.000	94.42	-12.86	74.0	20.42	Peak	284.00	150	Vertical	N/A
2**	2457.000	90.07	-12.86	54.0	36.07	AV	284.00	150	Vertical	N/A
3	5198.000	50.94		74.0	-23.06	Peak	150.00	150	Vertical	Pass
3**	5198.000	41.48	-2.69	54.0	-12.52	AV	150.00	150	Vertical	Pass
4	7482.750	53.51	1.11	74.0	-20.49	Peak	192.00	150	Vertical	Pass
4**	7482.750	45.08	1.11	54.0	-8.92	AV	192.00	150	Vertical	Pass
5	11121.000	49.99	-4.48	74.0	-24.01	Peak	317.00	150	Vertical	Pass
5**	11121.000	39.72	-4.48	54.0	-14.28	AV	317.00	150	Vertical	Pass
6	17419.999	54.70	2.90	74.0	-19.30	Peak	225.00	150	Vertical	Pass
6**	17419.999	45.75	2.90	54.0	-8.25	AV	225.00	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	1701.200	44.49	-17.31	74.0	-29.51	Peak	222.00	150	Horizontal	Pass
1**	1701.200	34.48	-17.31	54.0	-19.52	AV	222.00	150	Horizontal	Pass
2	2457.200	107.63	-12.74	74.0	33.63	Peak	360.00	150	Horizontal	N/A
2**	2457.200	100.41	-12.74	54.0	46.41	AV	360.00	150	Horizontal	N/A
3	5117.200	51.34	-2.27	74.0	-22.66	Peak	333.00	150	Horizontal	Pass
3**	5117.200	42.78	-2.27	54.0	-11.22	AV	333.00	150	Horizontal	Pass
4	6677.800	53.73	-0.57	74.0	-20.27	Peak	360.00	150	Horizontal	Pass
4**	6677.800	45.59	-0.57	54.0	-8.41	AV	360.00	150	Horizontal	Pass
5	10161.063	52.61	-0.31	74.0	-21.39	Peak	17.00	150	Horizontal	Pass
5**	10161.063	42.66	-0.31	54.0	-11.34	AV	17.00	150	Horizontal	Pass
6	13298.099	56.39	0.85	74.0	-17.61	Peak	124.00	150	Horizontal	Pass
6**	13298.099	46.54	0.85	54.0	-7.46	AV	124.00	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	1598.600	47.53	-17.56	74.0	-26.47	Peak	247.00	150	Vertical	Pass
1**	1598.600	34.82	-17.56	54.0	-19.18	AV	247.00	150	Vertical	Pass
2	2463.600	96.79	-12.78	74.0	22.79	Peak	87.00	150	Vertical	N/A
2**	2463.600	88.45	-12.78	54.0	34.45	AV	87.00	150	Vertical	N/A
3	4273.600	52.94	-4.51	74.0	-21.06	Peak	278.00	150	Vertical	Pass
3**	4273.600	43.60	-4.51	54.0	-10.40	AV	278.00	150	Vertical	Pass
4	6395.600	55.28	-1.42	74.0	-18.72	Peak	304.00	150	Vertical	Pass
4**	6395.600	46.57	-1.42	54.0	-7.43	AV	304.00	150	Vertical	Pass
5	9739.875	51.75	-0.54	74.0	-22.25	Peak	100.00	150	Vertical	Pass
5**	9739.875	42.47	-0.54	54.0	-11.53	AV	100.00	150	Vertical	Pass
6	16134.674	56.34	1.07	74.0	-17.66	Peak	360.00	150	Vertical	Pass
6**	16134.674	46.47	1.07	54.0	-7.53	AV	360.00	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	1598.700	44.43	-17.56	74.0	-29.57	Peak	289.00	150	Horizontal	Pass
1**	1598.700	31.81	-17.56	54.0	-22.19	AV	289.00	150	Horizontal	Pass
2	2414.000	108.17	-12.26	74.0	34.17	Peak	0.00	150	Horizontal	N/A
2**	2414.000	100.33	-12.26	54.0	46.33	AV	0.00	150	Horizontal	N/A
3	4762.800	50.82	-3.30	74.0	-23.18	Peak	202.00	150	Horizontal	Pass
3**	4762.800	40.86	-3.30	54.0	-13.14	AV	202.00	150	Horizontal	Pass
4	6678.000	54.51	-0.56	74.0	-19.49	Peak	360.00	150	Horizontal	Pass
4**	6678.000	44.65	-0.56	54.0	-9.35	AV	360.00	150	Horizontal	Pass
5	10255.938	51.97	0.57	74.0	-22.03	Peak	0.00	150	Horizontal	Pass
5**	10255.938	42.00	0.57	54.0	-12.00	AV	0.00	150	Horizontal	Pass
6	15281.812	56.62	0.65	74.0	-17.38	Peak	80.00	150	Horizontal	Pass
6**	15281.812	45.24	0.65	54.0	-8.76	AV	80.00	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	1595.600	48.07	-17.64	74.0	-25.93	Peak	240.00	150	Vertical	Pass
1**	1595.600	39.08	-17.64	54.0	-14.92	AV	240.00	150	Vertical	Pass
2	2418.100	95.09	-12.25	74.0	21.09	Peak	129.00	150	Vertical	N/A
2**	2418.100	87.35	-12.25	54.0	33.35	AV	129.00	150	Vertical	N/A
3	4773.400	51.99	-2.99	74.0	-22.01	Peak	275.00	150	Vertical	Pass
3**	4773.400	42.77	-2.99	54.0	-11.23	AV	275.00	150	Vertical	Pass
4	6678.200	53.35	-0.56	74.0	-20.65	Peak	158.00	150	Vertical	Pass
4**	6678.200	45.31	-0.56	54.0	-8.69	AV	158.00	150	Vertical	Pass
5	10197.576	52.55	0.46	74.0	-21.45	Peak	185.00	150	Vertical	Pass
5**	10197.576	44.23	0.46	54.0	-9.77	AV	185.00	150	Vertical	Pass
6	15827.025	56.31	1.58	74.0	-17.69	Peak	325.00	150	Vertical	Pass
6**	15827.025	46.97	1.58	54.0	-7.03	AV	325.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1895.400	46.45	-15.88	74.0	-27.55	Peak	211.00	150	Horizontal	Pass
1**	1895.400	36.72	-15.88	54.0	-17.28	AV	211.00	150	Horizontal	Pass
2	2418.100	106.03	-12.24	74.0	32.03	Peak	23.00	150	Horizontal	N/A
2**	2418.100	103.24	-12.24	54.0	49.24	AV	23.00	150	Horizontal	N/A
3	5217.000	50.31	-2.82	74.0	-23.69	Peak	0.00	150	Horizontal	Pass
3**	5217.000	41.61	-2.82	54.0	-12.39	AV	0.00	150	Horizontal	Pass
4	7477.500	53.39	0.56	74.0	-20.61	Peak	343.00	150	Horizontal	Pass
4**	7477.500	43.87	0.56	54.0	-10.13	AV	343.00	150	Horizontal	Pass
5	8965.500	48.34	-4.65	74.0	-25.66	Peak	31.00	150	Horizontal	Pass
5**	8965.500	39.50	-4.65	54.0	-14.50	AV	31.00	150	Horizontal	Pass
6	17596.500	55.23	3.29	74.0	-18.77	Peak	309.00	150	Horizontal	Pass
6**	17596.500	44.75	3.29	54.0	-9.25	AV	309.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	46.29	-17.63	74.0	-27.71	Peak	242.00	150	Vertical	Pass
1**	1599.900	38.58	-17.63	54.0	-15.42	AV	242.00	150	Vertical	Pass
2	2418.100	96.23	-12.24	74.0	22.23	Peak	220.00	150	Vertical	N/A
2**	2418.100	93.40	-12.24	54.0	39.40	AV	220.00	150	Vertical	N/A
3	5162.250	51.40	-3.24	74.0	-22.60	Peak	81.00	150	Vertical	Pass
3**	5162.250	41.00	-3.24	54.0	-13.00	AV	81.00	150	Vertical	Pass
4	7459.250	53.01	0.09	74.0	-20.99	Peak	0.00	150	Vertical	Pass
4**	7459.250	43.08	0.09	54.0	-10.92	AV	0.00	150	Vertical	Pass
5	8927.500	49.23	-4.52	74.0	-24.77	Peak	124.00	150	Vertical	Pass
5**	8927.500	39.03	-4.52	54.0	-14.97	AV	124.00	150	Vertical	Pass
6	16538.500	54.60	0.02	74.0	-19.40	Peak	38.00	150	Vertical	Pass
6**	16538.500	43.86	0.02	54.0	-10.14	AV	38.00	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	1692.800	44.83	-17.23	74.0	-29.17	Peak	224.00	150	Horizontal	Pass
1**	1692.800	34.06	-17.23	54.0	-19.94	AV	224.00	150	Horizontal	Pass
2	2441.000	107.19	-12.82	74.0	33.19	Peak	0.00	150	Horizontal	N/A
2**	2441.000	99.60	-12.82	54.0	45.60	AV	0.00	150	Horizontal	N/A
3	4786.400	51.10	-2.74	74.0	-22.90	Peak	291.00	150	Horizontal	Pass
3**	4786.400	41.23	-2.74	54.0	-12.77	AV	291.00	150	Horizontal	Pass
4	6680.000	53.80	-0.53	74.0	-20.20	Peak	332.00	150	Horizontal	Pass
4**	6680.000	45.21	-0.53	54.0	-8.79	AV	332.00	150	Horizontal	Pass
5	10109.025	52.22	0.02	74.0	-21.78	Peak	285.00	150	Horizontal	Pass
5**	10109.025	42.92	0.02	54.0	-11.08	AV	285.00	150	Horizontal	Pass
6	16098.187	55.91	1.25	74.0	-18.09	Peak	360.00	150	Horizontal	Pass
6**	16098.187	47.53	1.25	54.0	-6.47	AV	360.00	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	1598.300	48.20	-17.54	74.0	-25.80	Peak	275.00	150	Vertical	Pass
1**	1598.300	37.85	-17.54	54.0	-16.15	AV	275.00	150	Vertical	Pass
2	2439.100	96.21	-12.63	74.0	22.21	Peak	251.00	150	Vertical	N/A
2**	2439.100	88.56	-12.63	54.0	34.56	AV	251.00	150	Vertical	N/A
3	4269.800	51.35	-4.51	74.0	-22.65	Peak	238.00	150	Vertical	Pass
3**	4269.800	40.62	-4.51	54.0	-13.38	AV	238.00	150	Vertical	Pass
4	6380.600	53.16	-2.42	74.0	-20.84	Peak	291.00	150	Vertical	Pass
4**	6380.600	44.12	-2.42	54.0	-9.88	AV	291.00	150	Vertical	Pass
5	9824.687	52.16	-0.13	74.0	-21.84	Peak	96.00	150	Vertical	Pass
5**	9824.687	42.78	-0.13	54.0	-11.22	AV	96.00	150	Vertical	Pass
6	15227.737	55.74	0.82	74.0	-18.26	Peak	360.00	150	Vertical	Pass
6**	15227.737	46.09	0.82	54.0	-7.91	AV	360.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.000	48.31	-17.65	74.0	-25.69	Peak	216.00	150	Horizontal	Pass
1**	1600.000	39.81	-17.65	54.0	-14.19	AV	216.00	150	Horizontal	Pass
2	2450.600	105.54	-12.65	74.0	31.54	Peak	25.00	150	Horizontal	N/A
2**	2450.600	102.51	-12.65	54.0	48.51	AV	25.00	150	Horizontal	N/A
3	5238.500	51.27	-3.40	74.0	-22.73	Peak	291.00	150	Horizontal	Pass
3**	5238.500	41.57	-3.40	54.0	-12.43	AV	291.00	150	Horizontal	Pass
4	7490.750	52.81	0.91	74.0	-21.19	Peak	49.00	150	Horizontal	Pass
4**	7490.750	44.63	0.91	54.0	-9.37	AV	49.00	150	Horizontal	Pass
5	9546.500	49.04	-5.41	74.0	-24.96	Peak	247.00	150	Horizontal	Pass
5**	9546.500	38.93	-5.41	54.0	-15.07	AV	247.00	150	Horizontal	Pass
6	17298.999	54.87	2.01	74.0	-19.13	Peak	325.00	150	Horizontal	Pass
6**	17298.999	45.36	2.01	54.0	-8.64	AV	325.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 9

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.600	46.08	-17.58	74.0	-27.92	Peak	257.00	150	Vertical	Pass
1**	1599.600	35.86	-17.58	54.0	-18.14	AV	257.00	150	Vertical	Pass
2	2451.900	95.94	-12.72	74.0	21.94	Peak	292.00	150	Vertical	N/A
2**	2451.900	91.69	-12.72	54.0	37.69	AV	292.00	150	Vertical	N/A
3	5213.250	52.14	-2.58	74.0	-21.86	Peak	343.00	150	Vertical	Pass
3**	5213.250	41.66	-2.58	54.0	-12.34	AV	343.00	150	Vertical	Pass
4	7478.750	53.02	0.69	74.0	-20.98	Peak	181.00	150	Vertical	Pass
4**	7478.750	44.18	0.69	54.0	-9.82	AV	181.00	150	Vertical	Pass
5	9669.500	48.17	-4.67	74.0	-25.83	Peak	358.00	150	Vertical	Pass
5**	9669.500	39.14	-4.67	54.0	-14.86	AV	358.00	150	Vertical	Pass
6	17309.499	54.82	1.99	74.0	-19.18	Peak	146.00	150	Vertical	Pass
6**	17309.499	45.96	1.99	54.0	-8.04	AV	146.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1871.300	45.28	-16.25	74.0	-28.72	Peak	230.00	150	Vertical	Pass
1**	1871.300	36.44	-16.25	54.0	-17.56	AV	230.00	150	Vertical	Pass
2	2457.000	94.93	-12.86	74.0	20.93	Peak	116.00	150	Vertical	N/A
2**	2457.000	91.34	-12.86	54.0	37.34	AV	116.00	150	Vertical	N/A
3	5203.500	51.55	-2.37	74.0	-22.45	Peak	217.00	150	Vertical	Pass
3**	5203.500	42.08	-2.37	54.0	-11.92	AV	217.00	150	Vertical	Pass
4	7489.000	53.33	1.00	74.0	-20.67	Peak	299.00	150	Vertical	Pass
4**	7489.000	44.75	1.00	54.0	-9.25	AV	299.00	150	Vertical	Pass
5	9306.500	48.85	-4.58	74.0	-25.15	Peak	168.00	150	Vertical	Pass
5**	9306.500	39.23	-4.58	54.0	-14.77	AV	168.00	150	Vertical	Pass
6	17419.999	55.19	2.90	74.0	-18.81	Peak	153.00	150	Vertical	Pass
6**	17419.999	45.37	2.90	54.0	-8.63	AV	153.00	150	Vertical	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Channel 10

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1815.900	47.11	-16.59	74.0	-26.89	Peak	206.00	150	Horizontal	Pass
1**	1815.900	39.04	-16.59	54.0	-14.96	AV	206.00	150	Horizontal	Pass
2	2457.000	105.42	-12.86	74.0	31.42	Peak	21.00	150	Horizontal	N/A
2**	2457.000	101.61	-12.86	54.0	47.61	AV	21.00	150	Horizontal	N/A
3	5200.500	50.87	-2.50	74.0	-23.13	Peak	93.00	150	Horizontal	Pass
3**	5200.500	42.66	-2.50	54.0	-11.34	AV	93.00	150	Horizontal	Pass
4	7286.500	52.69	-0.36	74.0	-21.31	Peak	330.00	150	Horizontal	Pass
4**	7286.500	43.66	-0.36	54.0	-10.34	AV	330.00	150	Horizontal	Pass
5	9318.000	48.80	-4.66	74.0	-25.20	Peak	145.00	150	Horizontal	Pass
5**	9318.000	39.47	-4.66	54.0	-14.53	AV	145.00	150	Horizontal	Pass
6	17300.500	55.02	2.01	74.0	-18.98	Peak	74.00	150	Horizontal	Pass
6**	17300.500	45.22	2.01	54.0	-8.78	AV	74.00	150	Horizontal	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	1598.100	45.92	-17.55	74.0	-28.08	Peak	295.00	150	Horizontal	Pass
1**	1598.100	33.59	-17.55	54.0	-20.41	AV	295.00	150	Horizontal	Pass
2	2456.800	107.61	-12.74	74.0	33.61	Peak	355.00	150	Horizontal	N/A
2**	2456.800	99.95	-12.74	54.0	45.95	AV	355.00	150	Horizontal	N/A
3	4788.400	51.76	-2.76	74.0	-22.24	Peak	81.00	150	Horizontal	Pass
3**	4788.400	41.35	-2.76	54.0	-12.65	AV	81.00	150	Horizontal	Pass
4	6689.400	54.25	-0.26	74.0	-19.75	Peak	201.00	150	Horizontal	Pass
4**	6689.400	46.14	-0.26	54.0	-7.86	AV	201.00	150	Horizontal	Pass
5	10199.875	52.37	0.49	74.0	-21.63	Peak	284.00	150	Horizontal	Pass
5**	10199.875	43.93	0.49	54.0	-10.07	AV	284.00	150	Horizontal	Pass
6	15622.799	56.07	1.68	74.0	-17.93	Peak	128.00	150	Horizontal	Pass
6**	15622.799	47.59	1.68	54.0	-6.41	AV	128.00	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	1594.700	51.08	-17.53	74.0	-22.92	Peak	270.00	150	Vertical	Pass
1**	1594.700	35.54	-17.53	54.0	-18.46	AV	270.00	150	Vertical	Pass
2	2462.700	95.54	-12.79	74.0	21.54	Peak	87.00	150	Vertical	N/A
2**	2462.700	88.15	-12.79	54.0	34.15	AV	87.00	150	Vertical	N/A
3	4794.000	50.77	-2.58	74.0	-23.23	Peak	238.00	150	Vertical	Pass
3**	4794.000	41.68	-2.58	54.0	-12.32	AV	238.00	150	Vertical	Pass
4	6686.000	54.28	-0.20	74.0	-19.72	Peak	184.00	150	Vertical	Pass
4**	6686.000	45.27	-0.20	54.0	-8.73	AV	184.00	150	Vertical	Pass
5	9836.474	51.90	-0.53	74.0	-22.10	Peak	0.00	150	Vertical	Pass
5**	9836.474	43.24	-0.53	54.0	-10.76	AV	0.00	150	Vertical	Pass
6	15832.275	56.04	1.48	74.0	-17.96	Peak	360.00	150	Vertical	Pass
6**	15832.275	46.74	1.48	54.0	-7.26	AV	360.00	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	1596.300	42.65	-17.69	74.0	-31.35	Peak	207.00	150	Horizontal	Pass
1**	1596.300	33.81	-17.69	54.0	-20.19	AV	207.00	150	Horizontal	Pass
2	2424.800	105.69	-12.91	74.0	31.69	Peak	355.00	150	Horizontal	N/A
2**	2424.800	98.16	-12.91	54.0	44.16	AV	355.00	150	Horizontal	N/A
3	5025.200	51.04	-3.09	74.0	-22.96	Peak	92.00	150	Horizontal	Pass
3**	5025.200	41.02	-3.09	54.0	-12.98	AV	92.00	150	Horizontal	Pass
4	6677.400	54.71	-0.58	74.0	-19.29	Peak	252.00	150	Horizontal	Pass
4**	6677.400	45.43	-0.58	54.0	-8.57	AV	252.00	150	Horizontal	Pass
5	10149.562	52.50	0.00	74.0	-21.50	Peak	169.00	150	Horizontal	Pass
5**	10149.562	43.22	0.00	54.0	-10.78	AV	169.00	150	Horizontal	Pass
6	16250.438	57.30	1.32	74.0	-16.70	Peak	199.00	150	Horizontal	Pass
6**	16250.438	46.97	1.32	54.0	-7.03	AV	199.00	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	1596.300	48.54	-17.69	74.0	-25.46	Peak	271.00	150	Vertical	Pass
1**	1596.300	37.72	-17.69	54.0	-16.28	AV	271.00	150	Vertical	Pass
2	2417.800	93.39	-12.25	74.0	19.39	Peak	123.00	150	Vertical	N/A
2**	2417.800	85.09	-12.25	54.0	31.09	AV	123.00	150	Vertical	N/A
3	4916.000	51.98	-2.32	74.0	-22.02	Peak	360.00	150	Vertical	Pass
3**	4916.000	41.54	-2.32	54.0	-12.46	AV	360.00	150	Vertical	Pass
4	6400.600	55.57	-1.12	74.0	-18.43	Peak	292.00	150	Vertical	Pass
4**	6400.600	44.79	-1.12	54.0	-9.21	AV	292.00	150	Vertical	Pass
5	9772.075	51.51	-0.35	74.0	-22.49	Peak	325.00	150	Vertical	Pass
5**	9772.075	42.66	-0.35	54.0	-11.34	AV	325.00	150	Vertical	Pass
6	13304.925	55.77	0.87	74.0	-18.23	Peak	348.00	150	Vertical	Pass
6**	13304.925	46.89	0.87	54.0	-7.11	AV	348.00	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	1899.100	47.01	-15.91	74.0	-26.99	Peak	215.00	150	Horizontal	Pass
1**	1899.100	36.87	-15.91	54.0	-17.13	AV	215.00	150	Horizontal	Pass
2	2435.700	100.01	-12.33	74.0	26.01	Peak	23.00	150	Horizontal	N/A
2**	2435.700	97.02	-12.33	54.0	43.02	AV	23.00	150	Horizontal	N/A
3	5215.750	50.26	-2.66	74.0	-23.74	Peak	350.00	150	Horizontal	Pass
3**	5215.750	42.10	-2.66	54.0	-11.90	AV	350.00	150	Horizontal	Pass
4	7327.000	52.88	0.06	74.0	-21.12	Peak	259.00	150	Horizontal	Pass
4**	7327.000	43.77	0.06	54.0	-10.23	AV	259.00	150	Horizontal	Pass
5	8913.500	48.23	-4.55	74.0	-25.77	Peak	239.00	150	Horizontal	Pass
5**	8913.500	38.74	-4.55	54.0	-15.26	AV	239.00	150	Horizontal	Pass
6	16698.500	54.99	0.43	74.0	-19.01	Peak	360.00	150	Horizontal	Pass
6**	16698.500	45.01	0.43	54.0	-8.99	AV	360.00	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	1857.600	45.94	-16.28	74.0	-28.06	Peak	237.00	150	Vertical	Pass
1**	1857.600	36.62	-16.28	54.0	-17.38	AV	237.00	150	Vertical	Pass
2	2435.600	89.00	-12.32	74.0	15.00	Peak	253.00	150	Vertical	N/A
2**	2435.600	86.02	-12.32	54.0	32.02	AV	253.00	150	Vertical	N/A
3	5176.000	51.24	-3.51	74.0	-22.76	Peak	53.00	150	Vertical	Pass
3**	5176.000	41.14	-3.51	54.0	-12.86	AV	53.00	150	Vertical	Pass
4	7483.000	53.44	1.12	74.0	-20.56	Peak	110.00	150	Vertical	Pass
4**	7483.000	44.82	1.12	54.0	-9.18	AV	110.00	150	Vertical	Pass
5	9591.000	48.50	-5.22	74.0	-25.50	Peak	65.00	150	Vertical	Pass
5**	9591.000	38.30	-5.22	54.0	-15.70	AV	65.00	150	Vertical	Pass
6	17415.000	54.69	2.87	74.0	-19.31	Peak	323.00	150	Vertical	Pass
6**	17415.000	46.04	2.87	54.0	-7.96	AV	323.00	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	1860.900	46.79	-16.16	74.0	-27.21	Peak	208.00	150	Horizontal	Pass
1**	1860.900	38.24	-16.16	54.0	-15.76	AV	208.00	150	Horizontal	Pass
2	2420.800	100.27	-12.51	74.0	26.27	Peak	25.00	150	Horizontal	N/A
2**	2420.800	97.35	-12.51	54.0	43.35	AV	25.00	150	Horizontal	N/A
3	5382.000	51.25	-2.92	74.0	-22.75	Peak	60.00	150	Horizontal	Pass
3**	5382.000	41.19	-2.92	54.0	-12.81	AV	60.00	150	Horizontal	Pass
4	7480.750	53.19	1.01	74.0	-20.81	Peak	264.00	150	Horizontal	Pass
4**	7480.750	44.32	1.01	54.0	-9.68	AV	264.00	150	Horizontal	Pass
5	9079.500	48.43	-5.19	74.0	-25.57	Peak	183.00	150	Horizontal	Pass
5**	9079.500	38.32	-5.19	54.0	-15.68	AV	183.00	150	Horizontal	Pass
6	17422.000	54.72	2.91	74.0	-19.28	Peak	291.00	150	Horizontal	Pass
6**	17422.000	45.56	2.91	54.0	-8.44	AV	291.00	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	1599.900	46.44	-17.63	74.0	-27.56	Peak	266.00	150	Vertical	Pass
1**	1599.900	37.44	-17.63	54.0	-16.56	AV	266.00	150	Vertical	Pass
2	2420.600	88.71	-12.50	74.0	14.71	Peak	220.00	150	Vertical	N/A
2**	2420.600	85.79	-12.50	54.0	31.79	AV	220.00	150	Vertical	N/A
3	5214.750	50.90	-2.53	74.0	-23.10	Peak	360.00	150	Vertical	Pass
3**	5214.750	42.09	-2.53	54.0	-11.91	AV	360.00	150	Vertical	Pass
4	7489.000	53.19	1.00	74.0	-20.81	Peak	220.00	150	Vertical	Pass
4**	7489.000	44.05	1.00	54.0	-9.95	AV	220.00	150	Vertical	Pass
5	8974.500	48.47	-4.76	74.0	-25.53	Peak	139.00	150	Vertical	Pass
5**	8974.500	39.77	-4.76	54.0	-14.23	AV	139.00	150	Vertical	Pass
6	17528.500	55.27	3.12	74.0	-18.73	Peak	139.00	150	Vertical	Pass
6**	17528.500	45.05	3.12	54.0	-8.95	AV	139.00	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	1681.100	43.94	-17.58	74.0	-30.06	Peak	221.00	150	Horizontal	Pass
1**	1681.100	33.97	-17.58	54.0	-20.03	AV	221.00	150	Horizontal	Pass
2	2439.600	105.81	-12.64	74.0	31.81	Peak	0.00	150	Horizontal	N/A
2**	2439.600	98.12	-12.64	54.0	44.12	AV	0.00	150	Horizontal	N/A
3	4916.600	51.04	-2.28	74.0	-22.96	Peak	121.00	150	Horizontal	Pass
3**	4916.600	42.42	-2.28	54.0	-11.58	AV	121.00	150	Horizontal	Pass
4	6690.200	54.66	-0.28	74.0	-19.34	Peak	195.00	150	Horizontal	Pass
4**	6690.200	44.63	-0.28	54.0	-9.37	AV	195.00	150	Horizontal	Pass
5	10194.700	52.24	0.42	74.0	-21.76	Peak	95.00	150	Horizontal	Pass
5**	10194.700	43.34	0.42	54.0	-10.66	AV	95.00	150	Horizontal	Pass
6	15834.900	56.58	1.45	74.0	-17.42	Peak	63.00	150	Horizontal	Pass
6**	15834.900	46.96	1.45	54.0	-7.04	AV	63.00	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	1593.200	48.66	-17.47	74.0	-25.34	Peak	242.00	150	Vertical	Pass
1**	1593.200	38.55	-17.47	54.0	-15.45	AV	242.00	150	Vertical	Pass
2	2439.200	93.05	-12.63	74.0	19.05	Peak	260.00	150	Vertical	N/A
2**	2439.200	85.50	-12.63	54.0	31.50	AV	260.00	150	Vertical	N/A
3	4792.800	51.74	-2.66	74.0	-22.26	Peak	317.00	150	Vertical	Pass
3**	4792.800	42.21	-2.66	54.0	-11.79	AV	317.00	150	Vertical	Pass
4	6677.000	54.29	-0.58	74.0	-19.71	Peak	93.00	150	Vertical	Pass
4**	6677.000	44.83	-0.58	54.0	-9.17	AV	93.00	150	Vertical	Pass
5	10201.888	51.99	0.43	74.0	-22.01	Peak	246.00	150	Vertical	Pass
5**	10201.888	42.91	0.43	54.0	-11.09	AV	246.00	150	Vertical	Pass
6	16226.550	56.48	1.30	74.0	-17.52	Peak	246.00	150	Vertical	Pass
6**	16226.550	46.73	1.30	54.0	-7.27	AV	246.00	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	1593.900	48.09	-17.15	74.0	-25.91	Peak	222.00	150	Horizontal	Pass
1**	1593.900	35.32	-17.15	54.0	-18.68	AV	222.00	150	Horizontal	Pass
2	2450.800	101.24	-12.66	74.0	27.24	Peak	25.00	150	Horizontal	N/A
2**	2450.800	98.32	-12.66	54.0	44.32	AV	25.00	150	Horizontal	N/A
3	5233.500	51.52	-3.11	74.0	-22.48	Peak	291.00	150	Horizontal	Pass
3**	5233.500	41.70	-3.11	54.0	-12.30	AV	291.00	150	Horizontal	Pass
4	7483.250	53.51	1.12	74.0	-20.49	Peak	163.00	150	Horizontal	Pass
4**	7483.250	44.69	1.12	54.0	-9.31	AV	163.00	150	Horizontal	Pass
5	8587.500	48.22	-4.68	74.0	-25.78	Peak	38.00	150	Horizontal	Pass
5**	8587.500	39.46	-4.68	54.0	-14.54	AV	38.00	150	Horizontal	Pass
6	17295.000	55.02	2.01	74.0	-18.98	Peak	60.00	150	Horizontal	Pass
6**	17295.000	46.36	2.01	54.0	-7.64	AV	60.00	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	1599.500	47.15	-17.57	74.0	-26.85	Peak	260.00	150	Vertical	Pass
1**	1599.500	37.44	-17.57	54.0	-16.56	AV	260.00	150	Vertical	Pass
2	2451.900	89.75	-12.72	74.0	15.75	Peak	112.00	150	Vertical	N/A
2**	2451.900	85.17	-12.72	54.0	31.17	AV	112.00	150	Vertical	N/A
3	5192.250	51.56	-2.95	74.0	-22.44	Peak	100.00	150	Vertical	Pass
3**	5192.250	41.31	-2.95	54.0	-12.69	AV	100.00	150	Vertical	Pass
4	7041.500	52.51	-0.05	74.0	-21.49	Peak	149.00	150	Vertical	Pass
4**	7041.500	43.59	-0.05	54.0	-10.41	AV	149.00	150	Vertical	Pass
5	8533.500	48.30	-4.51	74.0	-25.70	Peak	345.00	150	Vertical	Pass
5**	8533.500	38.50	-4.51	54.0	-15.50	AV	345.00	150	Vertical	Pass
6	17295.000	55.06	2.01	74.0	-18.94	Peak	301.00	150	Vertical	Pass
6**	17295.000	45.78	2.01	54.0	-8.22	AV	301.00	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	1858.500	47.53	-16.21	74.0	-26.47	Peak	215.00	150	Horizontal	Pass
1**	1858.500	36.52	-16.21	54.0	-17.48	AV	215.00	150	Horizontal	Pass
2	2457.000	100.71	-12.86	74.0	26.71	Peak	18.00	150	Horizontal	N/A
2**	2457.000	96.74	-12.86	54.0	42.74	AV	18.00	150	Horizontal	N/A
3	5214.250	51.06	-2.54	74.0	-22.94	Peak	126.00	150	Horizontal	Pass
3**	5214.250	41.60	-2.54	54.0	-12.40	AV	126.00	150	Horizontal	Pass
4	7472.500	53.07	0.37	74.0	-20.93	Peak	230.00	150	Horizontal	Pass
4**	7472.500	44.10	0.37	54.0	-9.90	AV	230.00	150	Horizontal	Pass
5	8964.500	48.10	-4.64	74.0	-25.90	Peak	336.00	150	Horizontal	Pass
5**	8964.500	39.66	-4.64	54.0	-14.34	AV	336.00	150	Horizontal	Pass
6	17778.500	54.93	2.93	74.0	-19.07	Peak	329.00	150	Horizontal	Pass
6**	17778.500	45.30	2.93	54.0	-8.70	AV	329.00	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	1599.200	47.34	-17.52	74.0	-26.66	Peak	277.00	150	Vertical	Pass
1**	1599.200	35.81	-17.52	54.0	-18.19	AV	277.00	150	Vertical	Pass
2	2458.100	89.54	-12.94	74.0	15.54	Peak	114.00	150	Vertical	N/A
2**	2458.100	86.70	-12.94	54.0	32.70	AV	114.00	150	Vertical	N/A
3	5199.750	50.78	-2.54	74.0	-23.22	Peak	210.00	150	Vertical	Pass
3**	5199.750	42.25	-2.54	54.0	-11.75	AV	210.00	150	Vertical	Pass
4	7484.750	53.76	1.11	74.0	-20.24	Peak	0.00	150	Vertical	Pass
4**	7484.750	44.65	1.11	54.0	-9.35	AV	0.00	150	Vertical	Pass
5	9261.000	48.03	-5.11	74.0	-25.97	Peak	276.00	150	Vertical	Pass
5**	9261.000	38.84	-5.11	54.0	-15.16	AV	276.00	150	Vertical	Pass
6	17284.999	54.93	1.99	74.0	-19.07	Peak	97.00	150	Vertical	Pass
6**	17284.999	45.30	1.99	54.0	-8.70	AV	97.00	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	1599.000	45.00	-17.58	74.0	-29.00	Peak	293.00	150	Horizontal	Pass
1**	1599.000	36.07	-17.58	54.0	-17.93	AV	293.00	150	Horizontal	Pass
2	2453.500	105.99	-12.67	74.0	31.99	Peak	356.00	150	Horizontal	N/A
2**	2453.500	99.01	-12.67	54.0	45.01	AV	356.00	150	Horizontal	N/A
3	4255.800	51.45	-4.97	74.0	-22.55	Peak	194.00	150	Horizontal	Pass
3**	4255.800	41.23	-4.97	54.0	-12.77	AV	194.00	150	Horizontal	Pass
4	6606.200	53.75	0.13	74.0	-20.25	Peak	352.00	150	Horizontal	Pass
4**	6606.200	44.56	0.13	54.0	-9.44	AV	352.00	150	Horizontal	Pass
5	9747.063	51.61	-0.49	74.0	-22.39	Peak	0.00	150	Horizontal	Pass
5**	9747.063	42.68	-0.49	54.0	-11.32	AV	0.00	150	Horizontal	Pass
6	15632.250	56.01	1.63	74.0	-17.99	Peak	20.00	150	Horizontal	Pass
6**	15632.250	46.25	1.63	54.0	-7.75	AV	20.00	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	2132.900	49.71	-13.97	74.0	-24.29	Peak	82.00	150	Vertical	Pass
1**	2132.900	35.48	-13.97	54.0	-18.52	AV	82.00	150	Vertical	Pass
2	2454.600	93.13	-12.65	74.0	19.13	Peak	82.00	150	Vertical	N/A
2**	2454.600	85.69	-12.65	54.0	31.69	AV	82.00	150	Vertical	N/A
3	4799.800	52.80	-2.55	74.0	-21.20	Peak	242.00	150	Vertical	Pass
3**	4799.800	43.15	-2.55	54.0	-10.85	AV	242.00	150	Vertical	Pass
4	6403.400	53.44	-0.92	74.0	-20.56	Peak	131.00	150	Vertical	Pass
4**	6403.400	44.44	-0.92	54.0	-9.56	AV	131.00	150	Vertical	Pass
5	10114.775	53.47	-0.07	74.0	-20.53	Peak	342.00	150	Vertical	Pass
5**	10114.775	42.67	-0.07	54.0	-11.33	AV	342.00	150	Vertical	Pass
6	15807.863	56.19	2.21	74.0	-17.81	Peak	130.00	150	Vertical	Pass
6**	15807.863	45.97	2.21	54.0	-8.03	AV	130.00	150	Vertical	Pass

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

Test Data

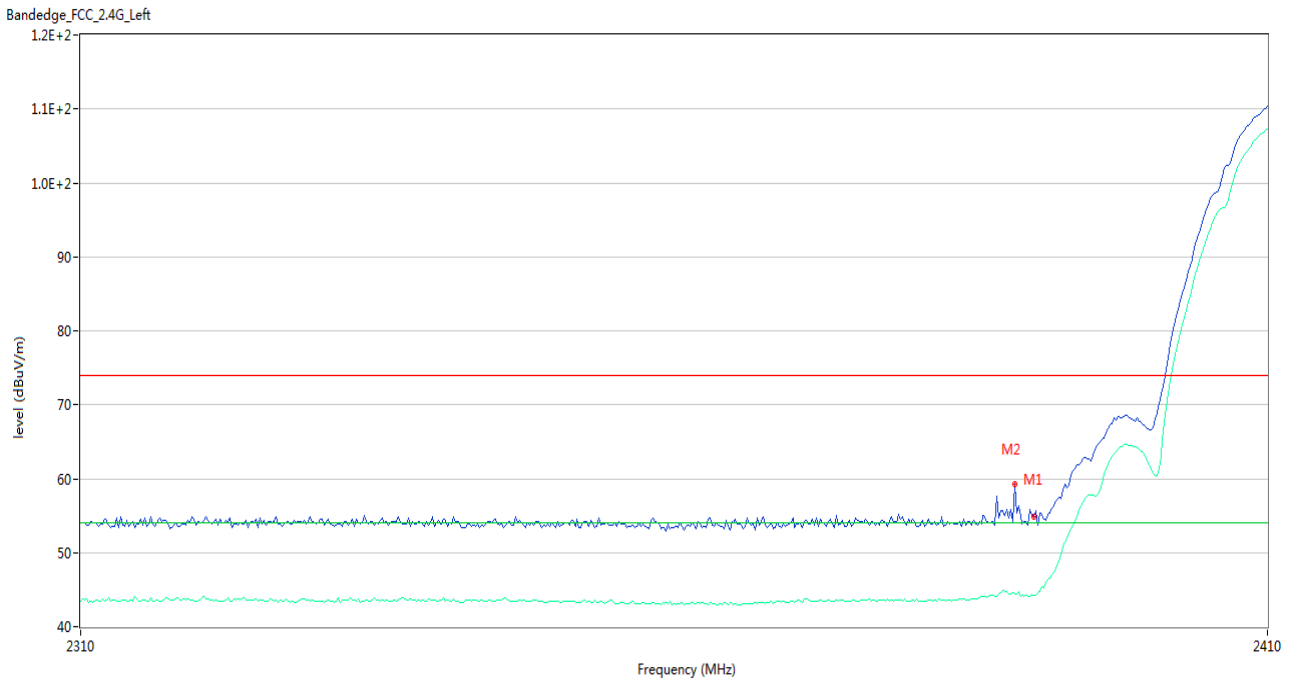
Note 1: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

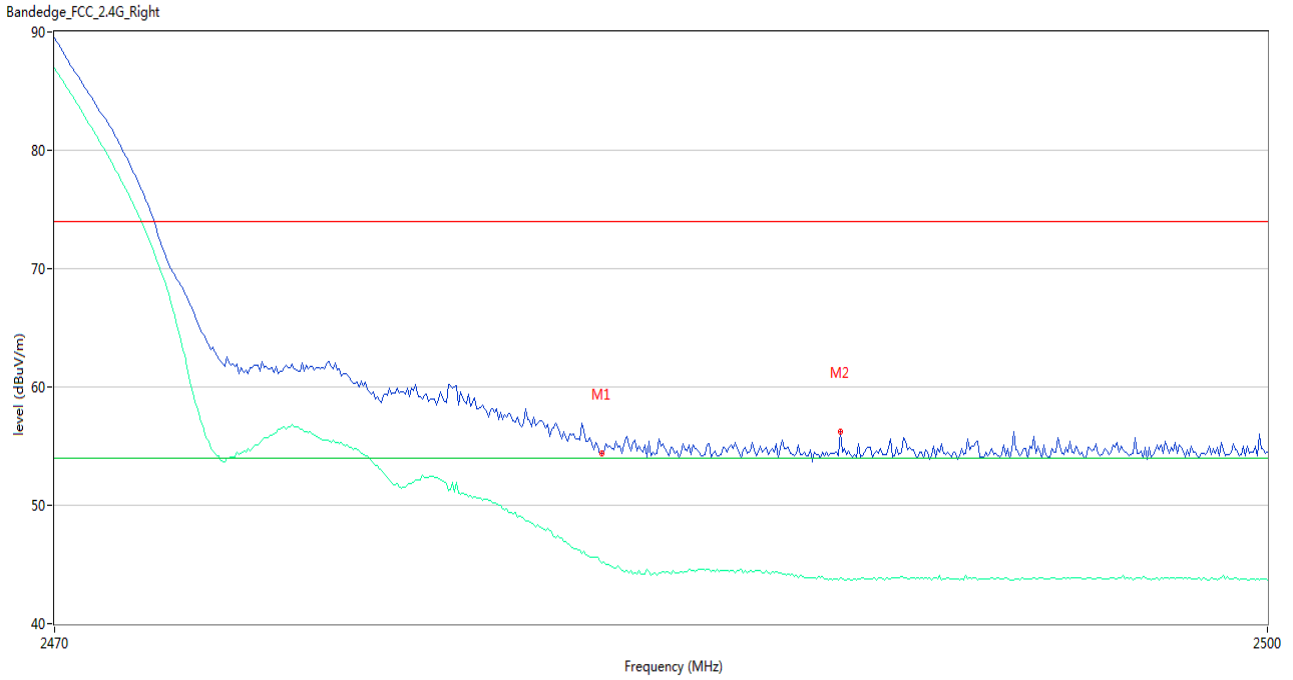
Test plots

802.11b CHANNEL 1



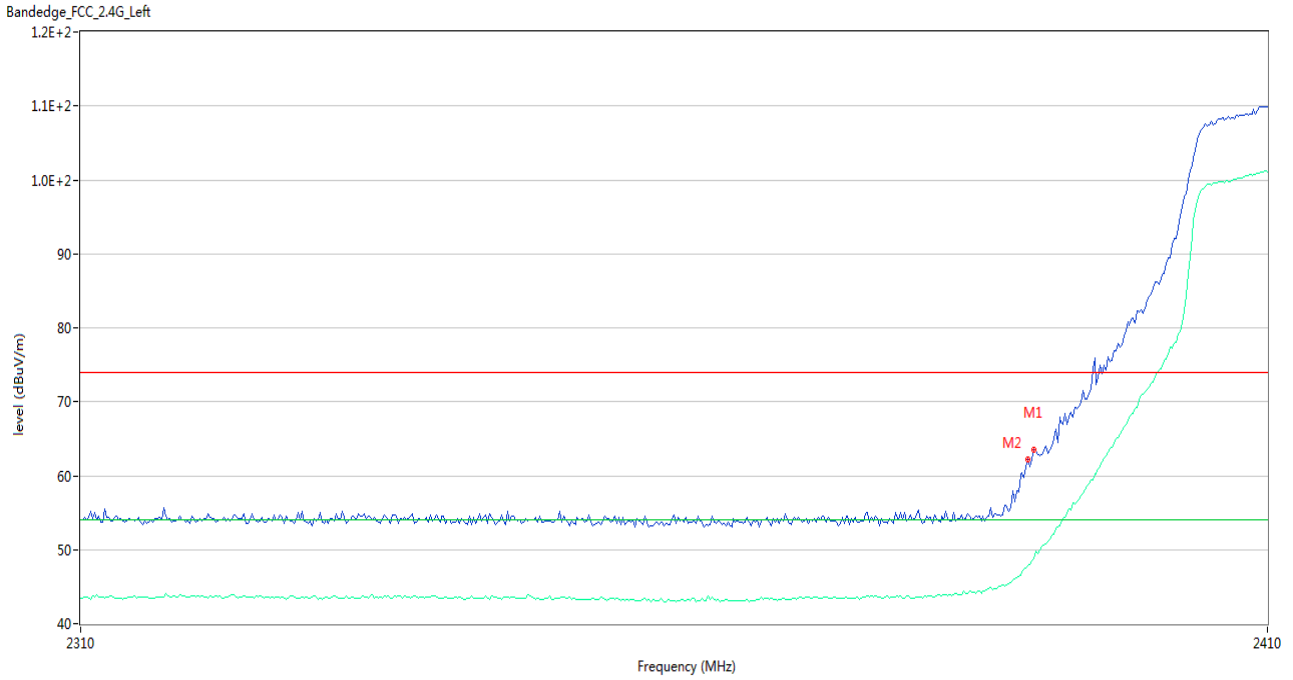
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.92	-0.50	74.0	-19.08	Peak	347.00	150	Horizontal	Pass
1**	2390.000	44.25	-0.50	54.0	-9.75	AV	347.00	150	Horizontal	Pass
2	2388.333	59.19	-0.50	74.0	-14.81	Peak	343.00	150	Horizontal	Pass
2**	2388.333	44.34	-0.50	54.0	-9.66	AV	343.00	150	Horizontal	Pass

802.11b CHANNEL 11



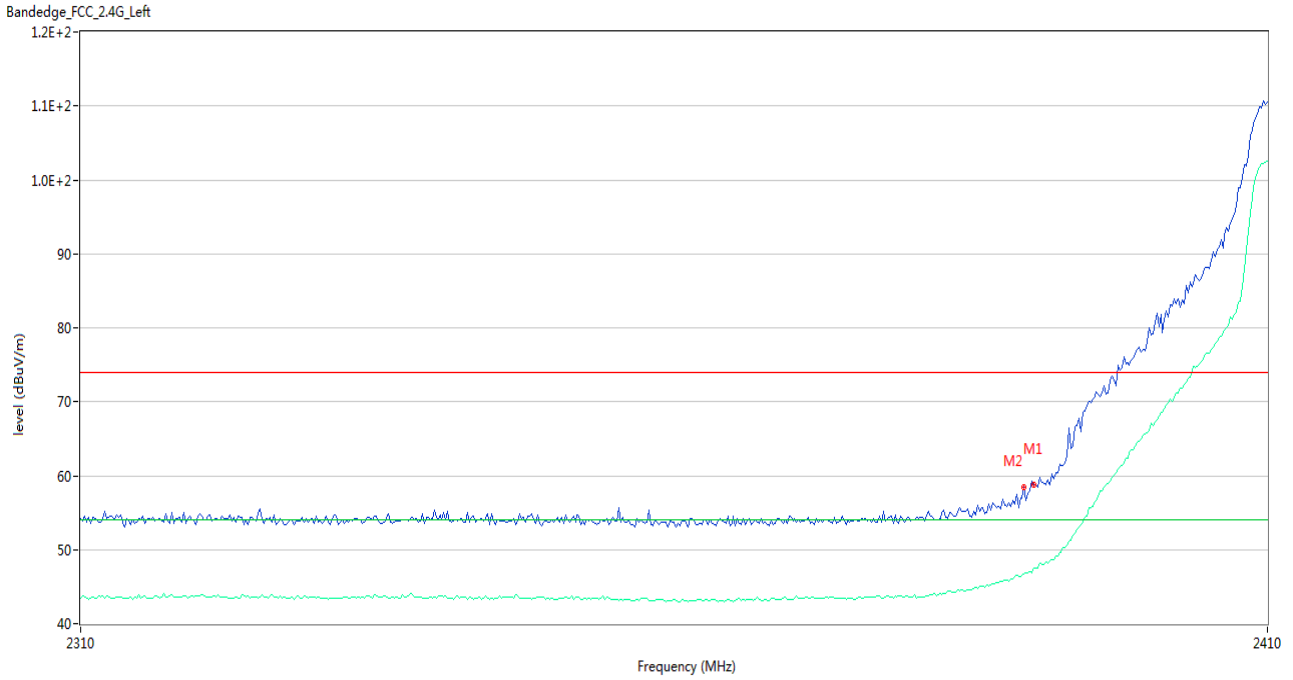
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.37	-0.36	74.0	-19.63	Peak	351.00	150	Horizontal	Pass
1**	2483.500	45.15	-0.36	54.0	-8.85	AV	351.00	150	Horizontal	Pass
2	2489.400	56.17	-0.15	74.0	-17.83	Peak	288.00	150	Horizontal	Pass
2**	2489.400	43.90	-0.15	54.0	-10.10	AV	288.00	150	Horizontal	Pass

802.11g CHANNEL 1



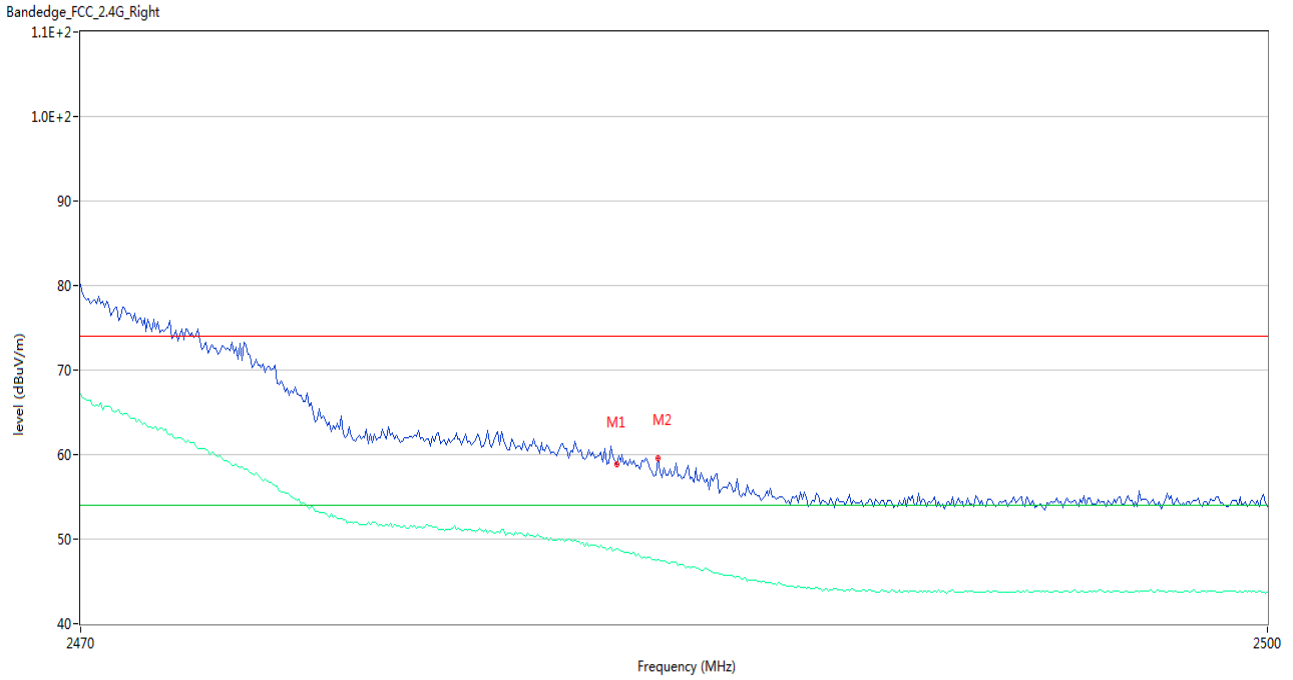
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	63.54	-0.50	74.0	-10.46	Peak	345.00	150	Horizontal	Pass
1**	2390.000	48.79	-0.50	54.0	-5.21	AV	345.00	150	Horizontal	Pass
2	2389.500	62.28	-0.49	74.0	-11.72	Peak	333.00	150	Horizontal	Pass
2**	2389.500	47.80	-0.49	54.0	-6.20	AV	333.00	150	Horizontal	Pass

802.11g CHANNEL 2



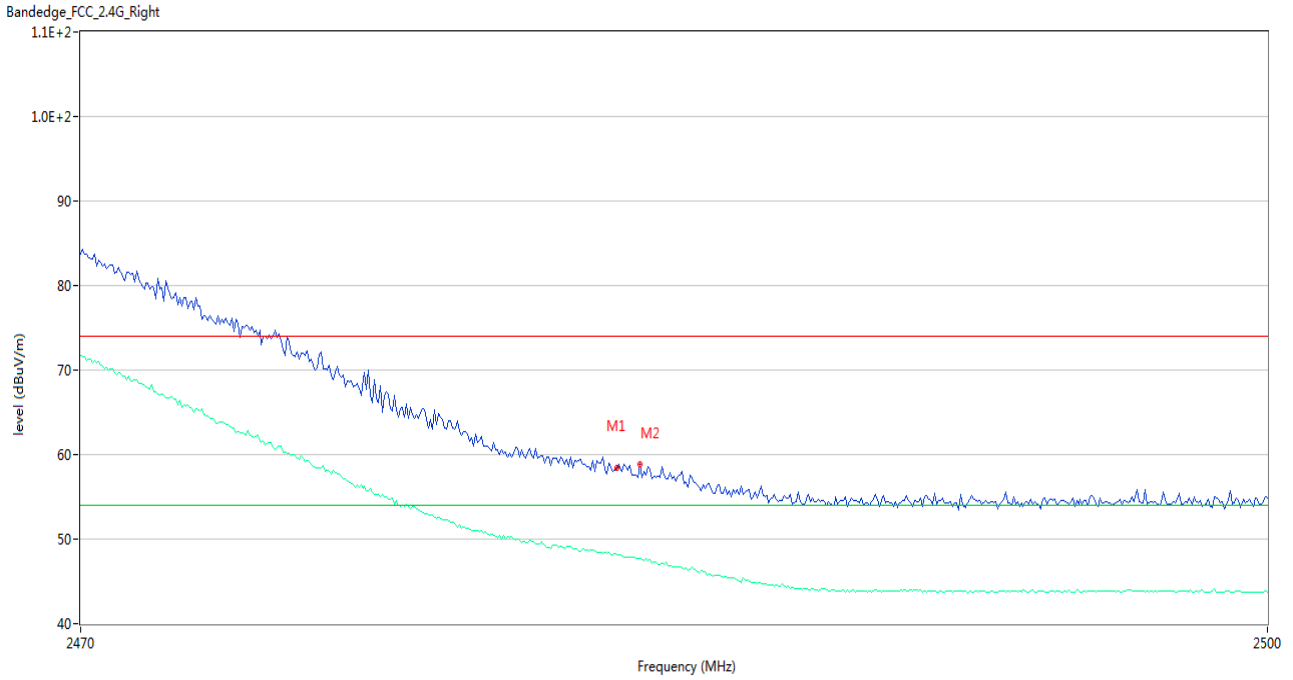
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.74	-0.50	74.0	-15.26	Peak	7.00	150	Horizontal	Pass
1**	2390.000	47.43	-0.50	54.0	-6.57	AV	7.00	150	Horizontal	Pass
2	2389.167	58.43	-0.49	74.0	-15.57	Peak	348.00	150	Horizontal	Pass
2**	2389.167	46.62	-0.49	54.0	-7.38	AV	348.00	150	Horizontal	Pass

802.11g 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	58.83	-0.36	74.0	-15.17	Peak	360.00	150	Horizontal	Pass
1**	2483.500	48.88	-0.36	54.0	-5.12	AV	360.00	150	Horizontal	Pass
2	2484.550	59.64	-0.34	74.0	-14.36	Peak	360.00	150	Horizontal	Pass
2**	2484.550	47.54	-0.34	54.0	-6.46	AV	360.00	150	Horizontal	Pass

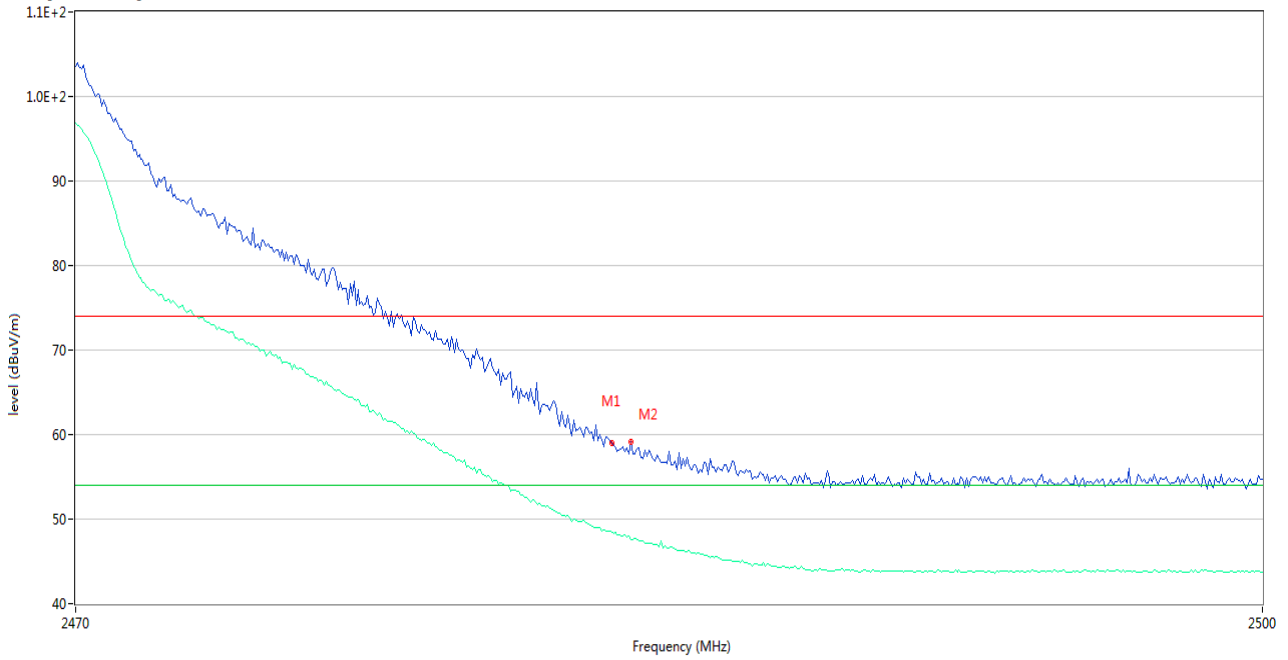
802.11g CHANNEL 10



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.45	-0.36	74.0	-15.55	Peak	360.00	150	Horizontal	Pass
1**	2483.500	48.11	-0.36	54.0	-5.89	AV	360.00	150	Horizontal	Pass
2	2484.100	58.84	-0.34	74.0	-15.16	Peak	360.00	150	Horizontal	Pass
2**	2484.100	47.65	-0.34	54.0	-6.35	AV	360.00	150	Horizontal	Pass

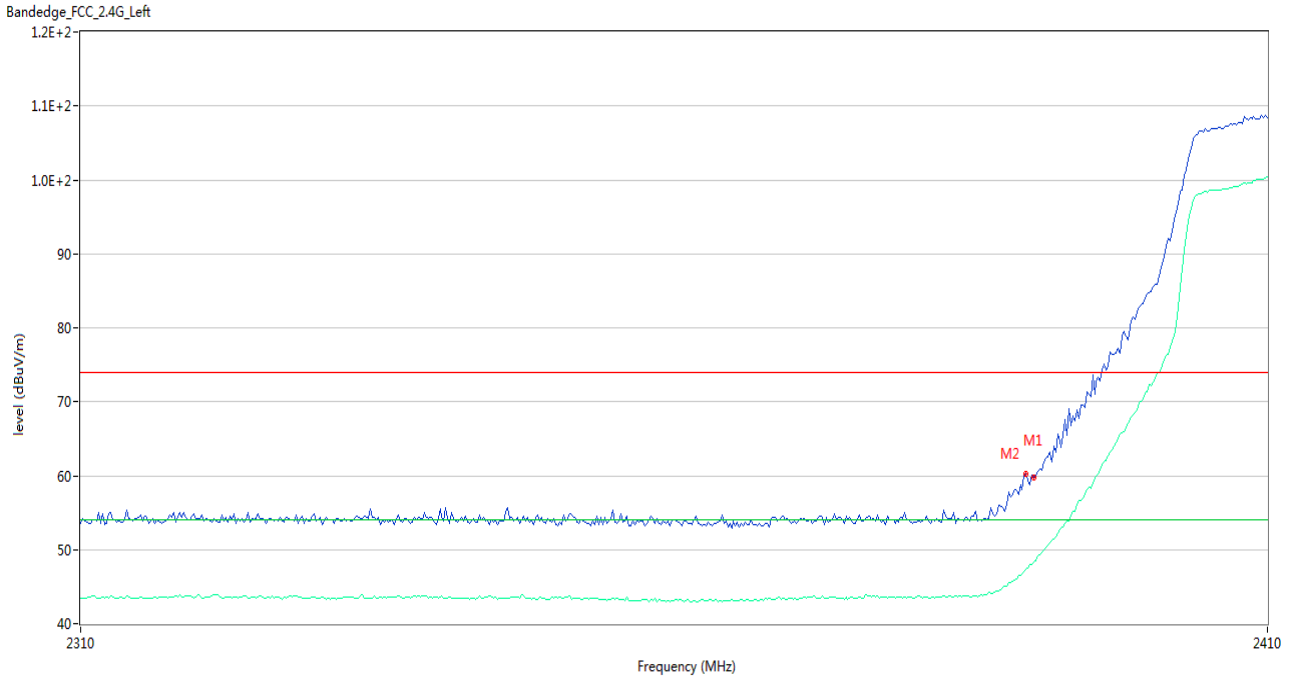
802.11g CHANNEL 11

Bandedge_FCC_24G_Right



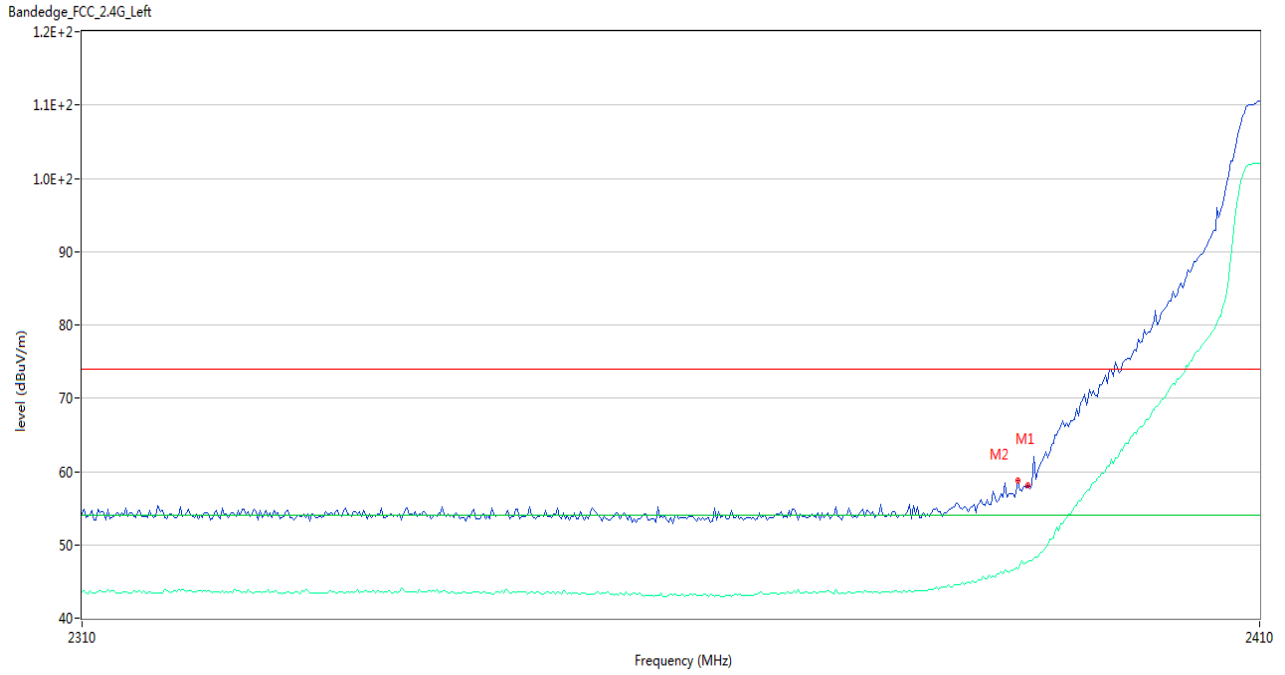
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.00	-0.36	74.0	-15.00	Peak	358.00	150	Horizontal	Pass
1**	2483.500	48.38	-0.36	54.0	-5.62	AV	358.00	150	Horizontal	Pass
2	2484.000	59.12	-0.34	74.0	-14.88	Peak	343.00	150	Horizontal	Pass
2**	2484.000	47.54	-0.34	54.0	-6.46	AV	343.00	150	Horizontal	Pass

802.11n20 CHANNEL 1



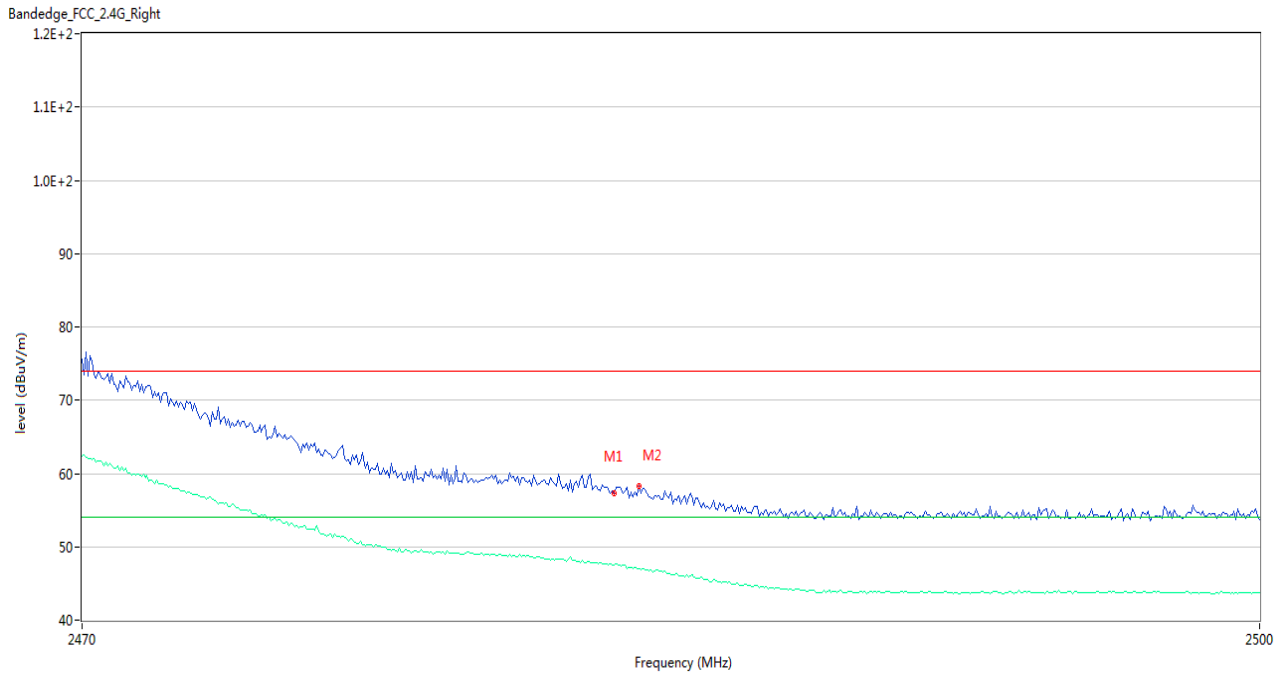
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.79	-0.50	74.0	-14.21	Peak	0.00	150	Horizontal	Pass
1**	2390.000	48.28	-0.50	54.0	-5.72	AV	0.00	150	Horizontal	Pass
2	2389.333	60.21	-0.49	74.0	-13.79	Peak	352.00	150	Horizontal	Pass
2**	2389.333	47.29	-0.49	54.0	-6.71	AV	352.00	150	Horizontal	Pass

802.11n20 CHANNEL 2



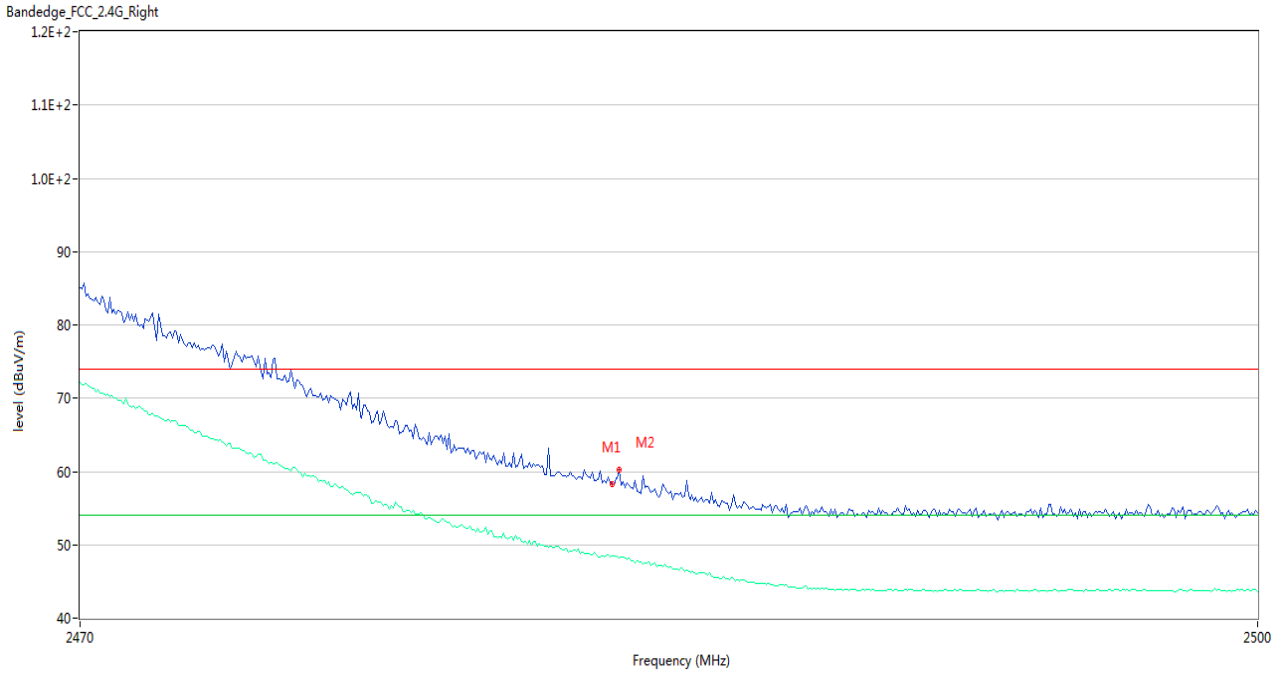
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.19	-0.50	74.0	-15.81	Peak	353.00	150	Horizontal	Pass
1**	2390.000	47.60	-0.50	54.0	-6.40	AV	353.00	150	Horizontal	Pass
2	2389.167	58.73	-0.49	74.0	-15.27	Peak	340.00	150	Horizontal	Pass
2**	2389.167	46.64	-0.49	54.0	-7.36	AV	340.00	150	Horizontal	Pass

802.11n20 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	57.38	-0.36	74.0	-16.62	Peak	352.00	150	Horizontal	Pass
1**	2483.500	47.47	-0.36	54.0	-6.53	AV	352.00	150	Horizontal	Pass
2	2484.150	58.35	-0.34	74.0	-15.65	Peak	352.00	150	Horizontal	Pass
2**	2484.150	46.97	-0.34	54.0	-7.03	AV	352.00	150	Horizontal	Pass

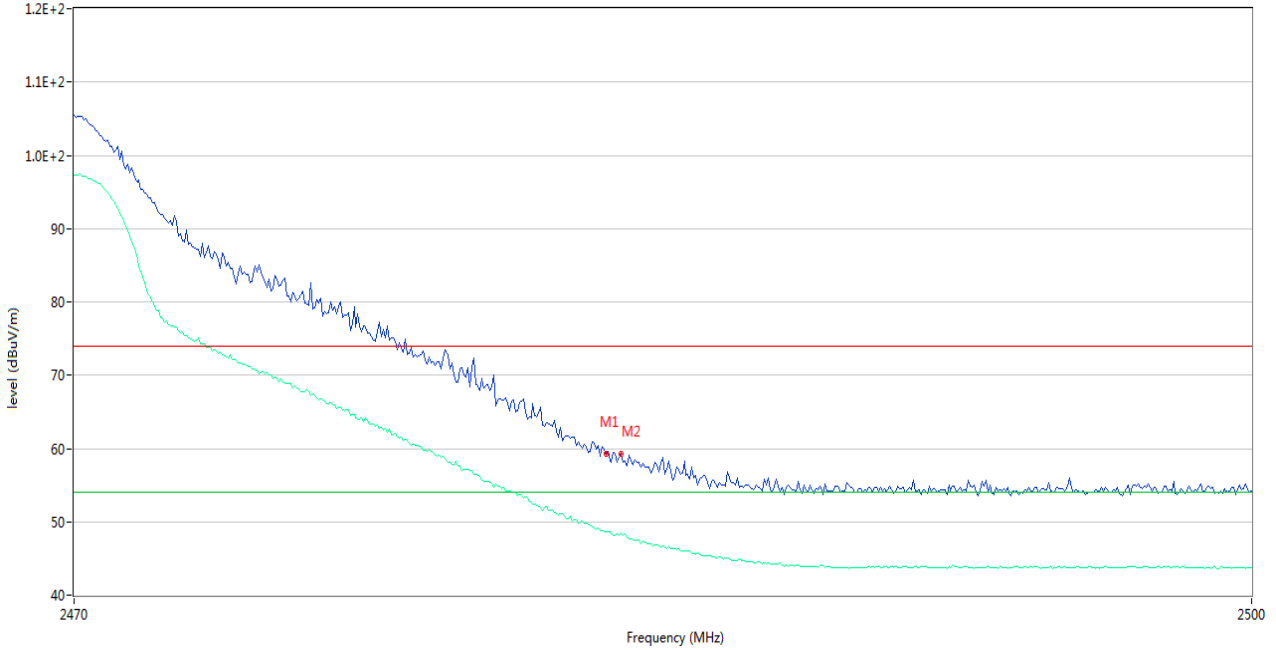
802.11n20 CHANNEL 10



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.34	-0.36	74.0	-15.66	Peak	359.00	150	Horizontal	Pass
1**	2483.500	48.46	-0.36	54.0	-5.54	AV	359.00	150	Horizontal	Pass
2	2483.700	60.16	-0.35	74.0	-13.84	Peak	359.00	150	Horizontal	Pass
2**	2483.700	48.14	-0.35	54.0	-5.86	AV	359.00	150	Horizontal	Pass

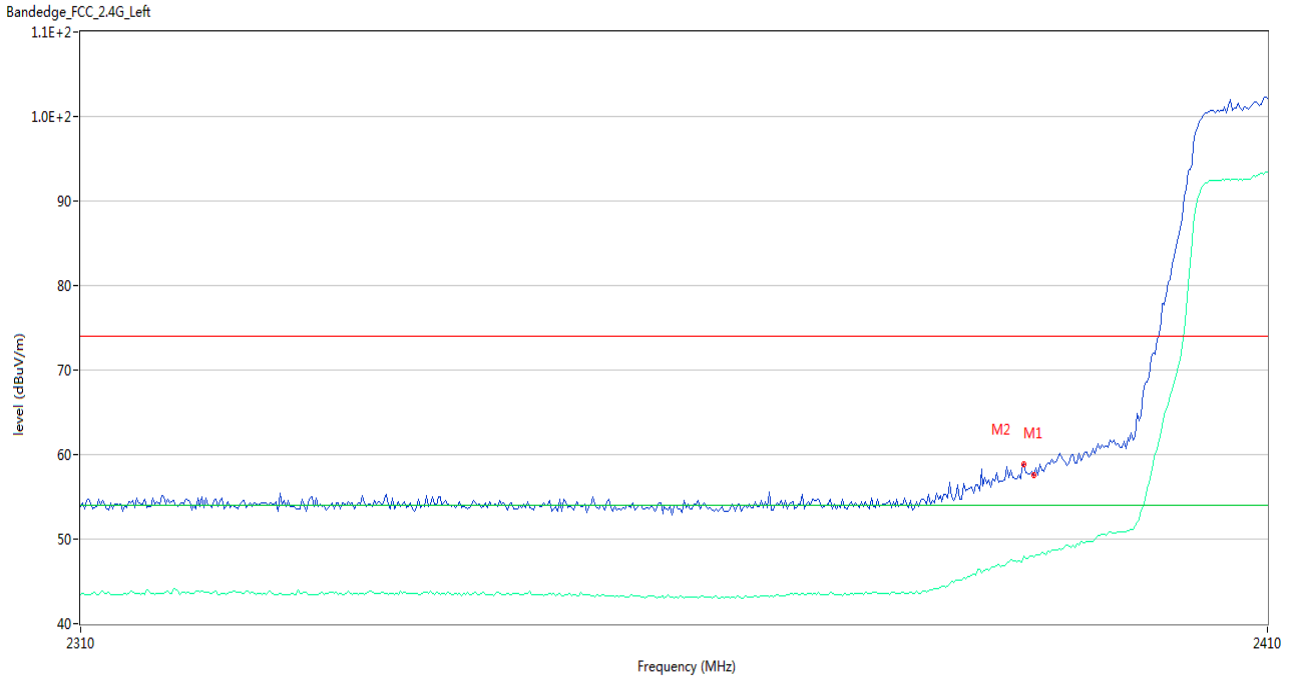
802.11n20 CHANNEL 11

Bandedge_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.24	-0.36	74.0	-14.76	Peak	0.00	150	Horizontal	Pass
1**	2483.500	48.68	-0.36	54.0	-5.32	AV	0.00	150	Horizontal	Pass
2	2483.900	59.33	-0.35	74.0	-14.67	Peak	353.00	150	Horizontal	Pass
2**	2483.900	48.50	-0.35	54.0	-5.50	AV	353.00	150	Horizontal	Pass

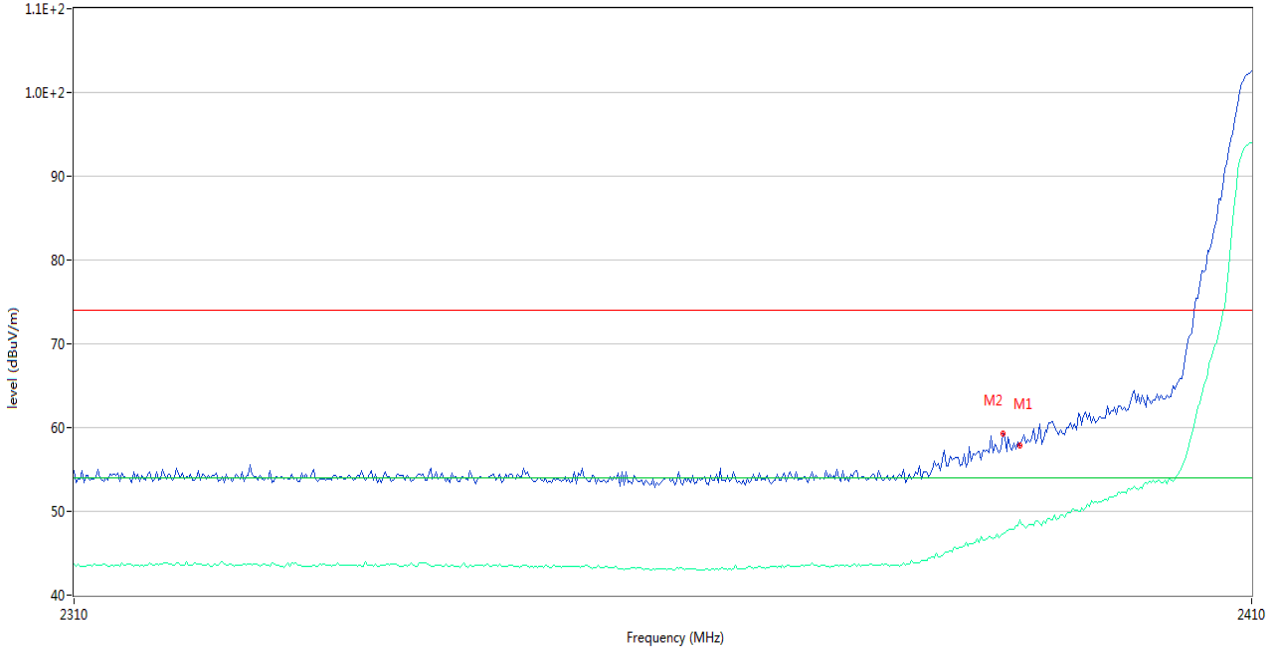
802.11n40 CHANNEL 3



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.52	-0.50	74.0	-16.48	Peak	341.00	150	Horizontal	Pass
1**	2390.000	47.89	-0.50	54.0	-6.11	AV	341.00	150	Horizontal	Pass
2	2389.167	58.92	-0.49	74.0	-15.08	Peak	347.00	150	Horizontal	Pass
2**	2389.167	48.12	-0.49	54.0	-5.88	AV	347.00	150	Horizontal	Pass

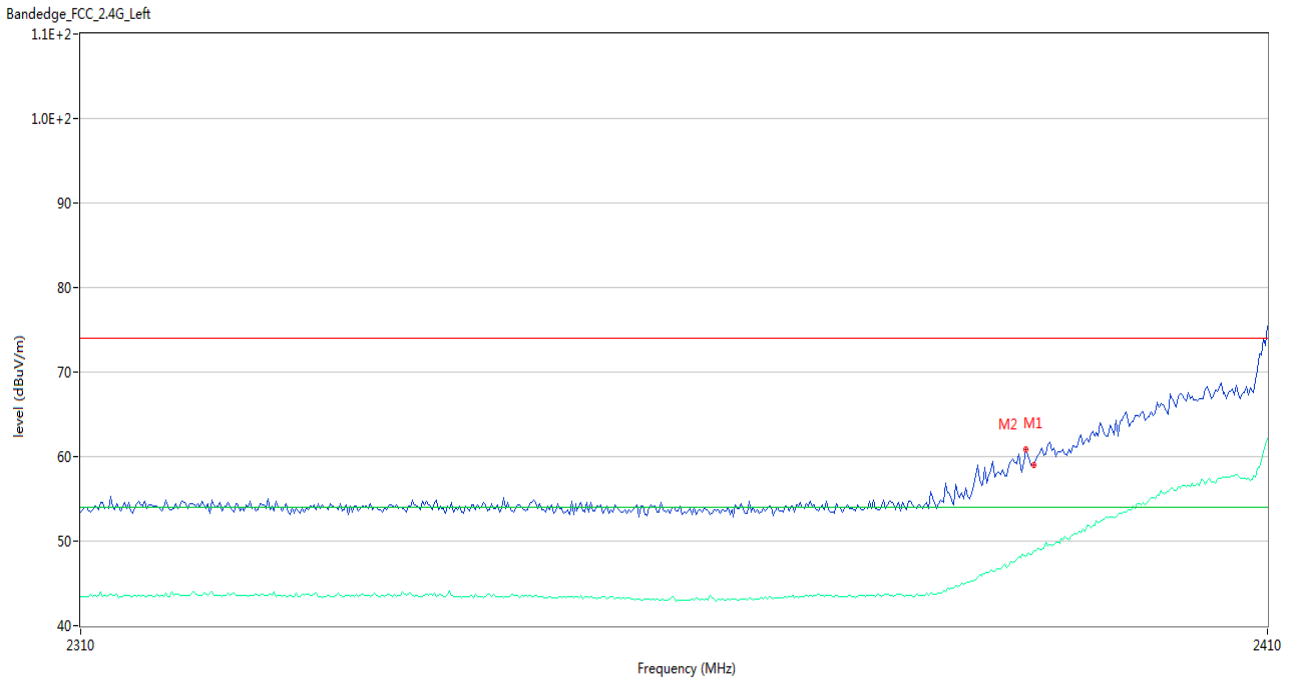
802.11n40 CHANNEL 4

Bandedge_FCC_2.4G_Left



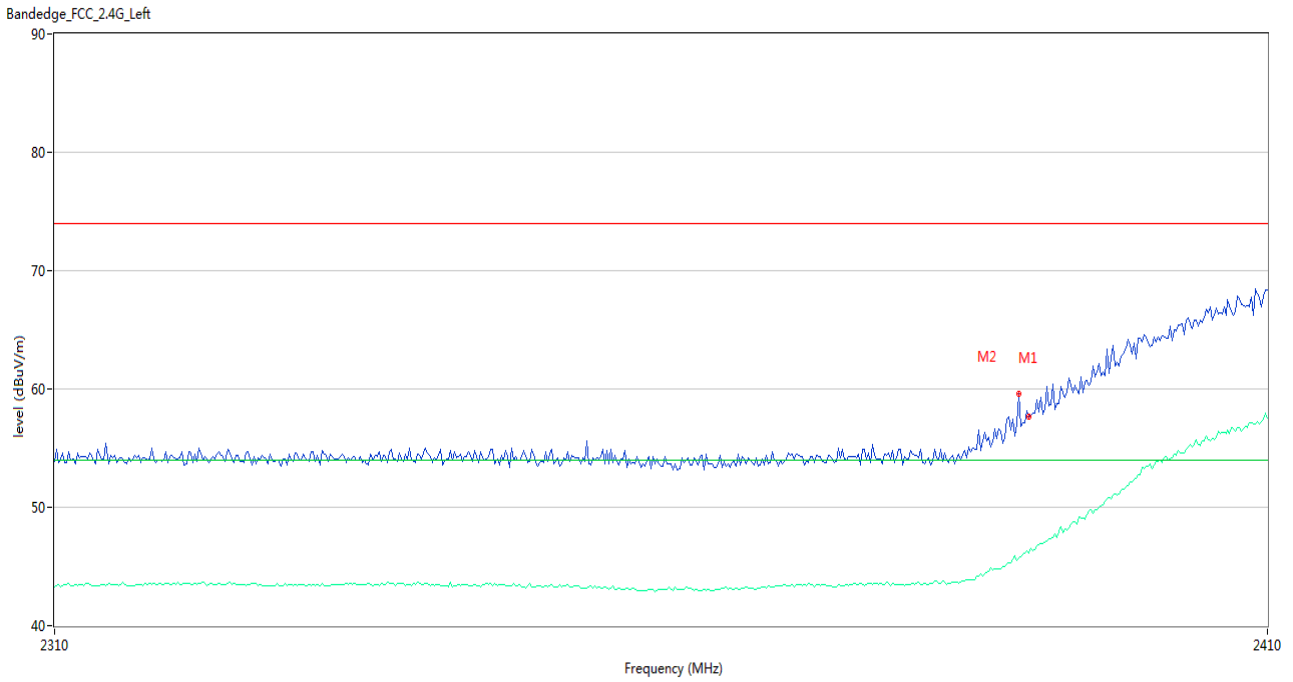
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.93	-0.50	74.0	-16.07	Peak	352.00	150	Horizontal	Pass
1**	2390.000	48.93	-0.50	54.0	-5.07	AV	352.00	150	Horizontal	Pass
2	2388.500	59.22	-0.49	74.0	-14.78	Peak	357.00	150	Horizontal	Pass
2**	2388.500	47.26	-0.49	54.0	-6.74	AV	357.00	150	Horizontal	Pass

802.11n40 CHANNEL 5



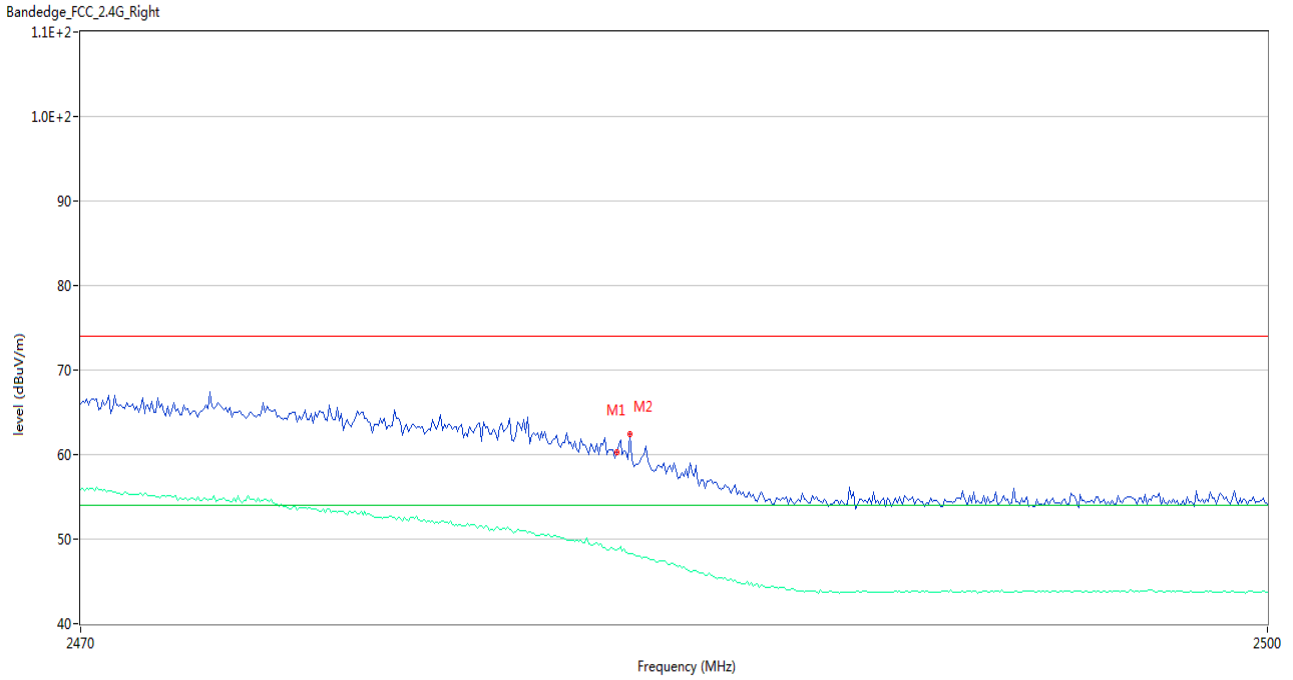
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.95	-0.50	74.0	-15.05	Peak	360.00	150	Horizontal	Pass
1**	2390.000	48.82	-0.50	54.0	-5.18	AV	360.00	150	Horizontal	Pass
2	2389.333	60.85	-0.49	74.0	-13.15	Peak	360.00	150	Horizontal	Pass
2**	2389.333	48.16	-0.49	54.0	-5.84	AV	360.00	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	2390.000	57.62	-0.50	74.0	-16.38	Peak	339.00	150	Horizontal	Pass
1**	2390.000	46.11	-0.50	54.0	-7.89	AV	339.00	150	Horizontal	Pass
2	2389.167	59.62	-0.49	74.0	-14.38	Peak	360.00	150	Horizontal	Pass
2**	2389.167	45.68	-0.49	54.0	-8.32	AV	360.00	150	Horizontal	Pass

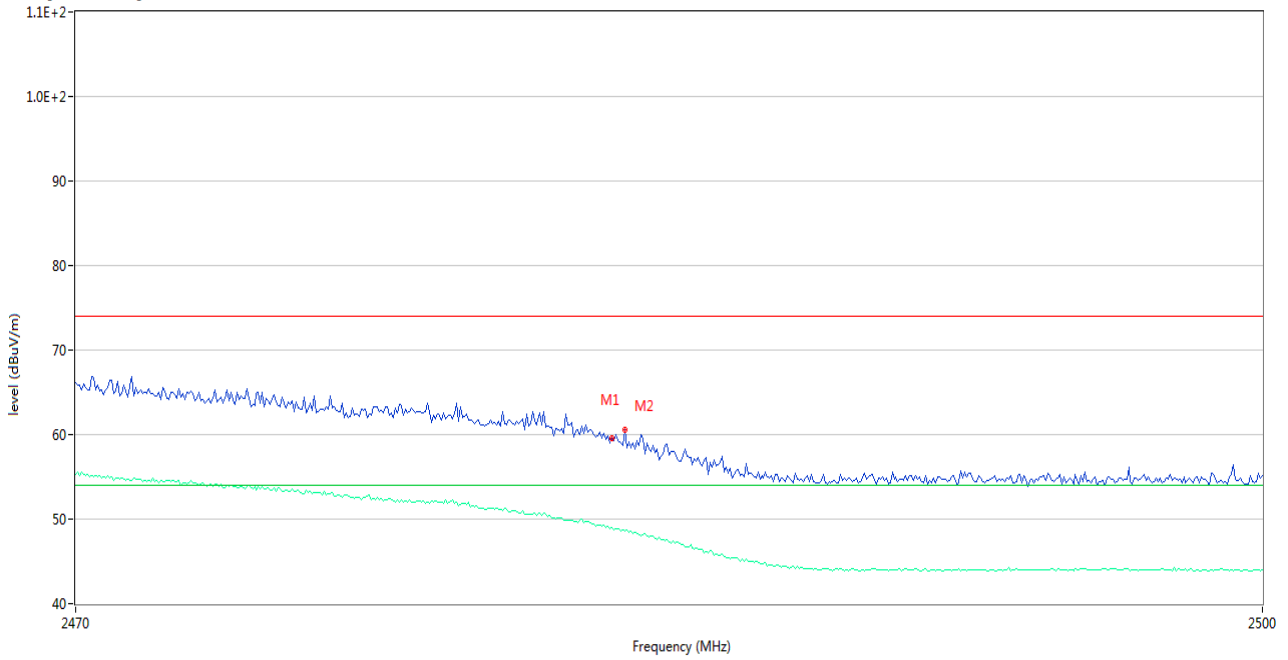
802.11n40 CHANNEL 6



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.22	-0.36	74.0	-13.78	Peak	353.00	150	Horizontal	Pass
1**	2483.500	48.70	-0.36	54.0	-5.30	AV	353.00	150	Horizontal	Pass
2	2483.850	62.41	-0.35	74.0	-11.59	Peak	344.00	150	Horizontal	Pass
2**	2483.850	48.29	-0.35	54.0	-5.71	AV	344.00	150	Horizontal	Pass

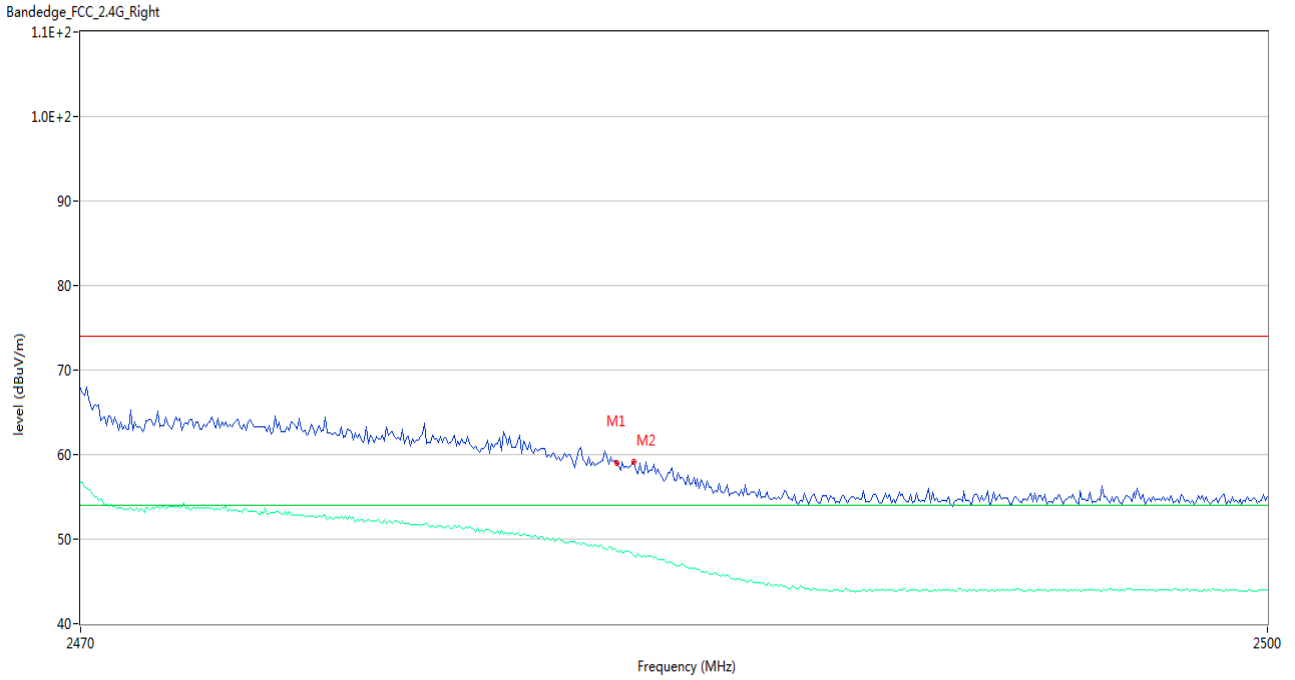
802.11n40 CHANNEL 7

Bandedge_FCC_24G_Right



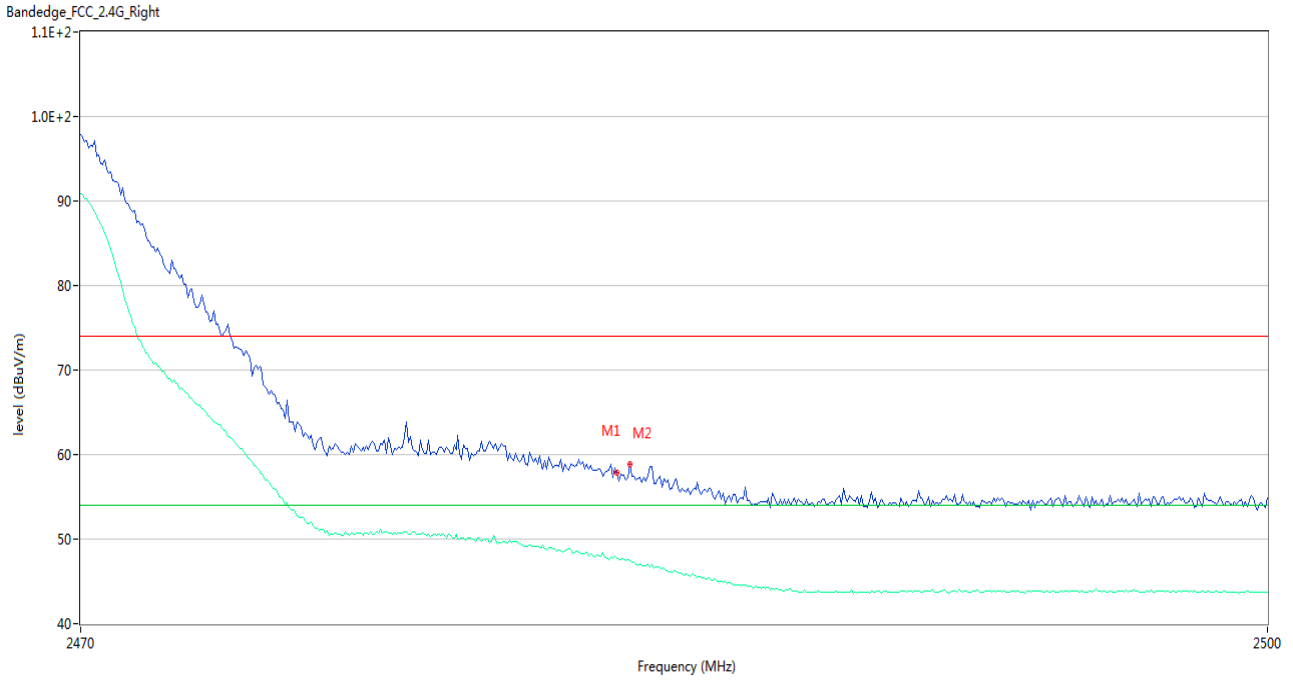
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.61	-0.36	74.0	-14.39	Peak	360.00	150	Horizontal	Pass
1**	2483.500	48.96	-0.36	54.0	-5.04	AV	360.00	150	Horizontal	Pass
2	2483.850	60.53	-0.35	74.0	-13.47	Peak	353.00	150	Horizontal	Pass
2**	2483.850	48.59	-0.35	54.0	-5.41	AV	353.00	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	59.01	-0.36	74.0	-14.99	Peak	354.00	150	Horizontal	Pass
1**	2483.500	48.53	-0.36	54.0	-5.47	AV	354.00	150	Horizontal	Pass
2	2483.950	59.08	-0.35	74.0	-14.92	Peak	330.00	150	Horizontal	Pass
2**	2483.950	48.03	-0.35	54.0	-5.97	AV	330.00	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	57.90	-0.36	74.0	-16.10	Peak	360.00	150	Horizontal	Pass
1**	2483.500	48.73	-0.36	54.0	-5.27	AV	360.00	150	Horizontal	Pass
2	2483.850	58.87	-0.35	74.0	-15.13	Peak	0.00	150	Horizontal	Pass
2**	2483.850	48.39	-0.35	54.0	-5.61	AV	0.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.10	8
6	-14.34	8
11	-13.52	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.45	8
2	-17.35	8
6	-17.50	8
9	-17.38	8
10	-18.11	8
11	-19.15	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-20.56	8
2	-17.46	8
6	-17.50	8
9	-17.62	8
10	-18.96	8
11	-19.93	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-26.47	8
4	-25.47	8
5	-23.84	8
6	-24.05	8
7	-23.72	8
8	-25.02	8
9	-26.06	8

Test plots

802.11b CHANNEL 1



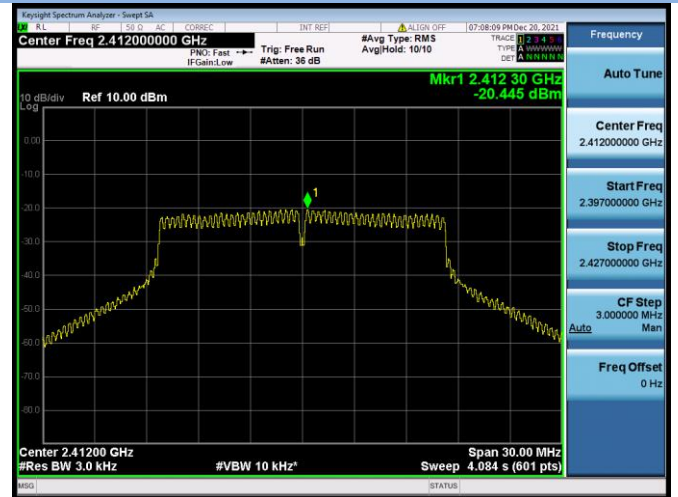
802.11b CHANNEL 6



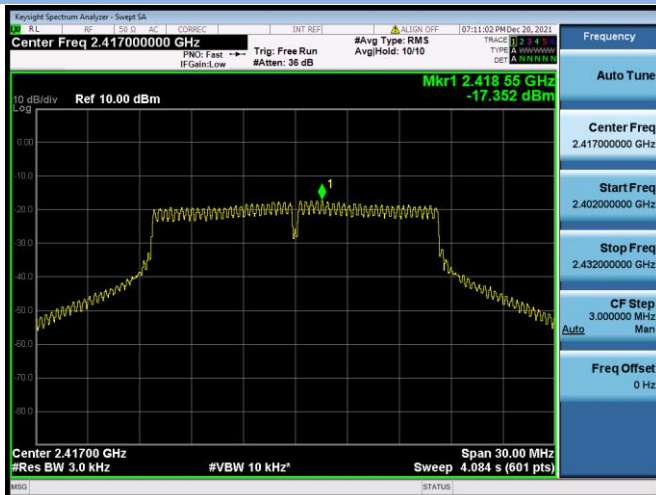
802.11b CHANNEL 11



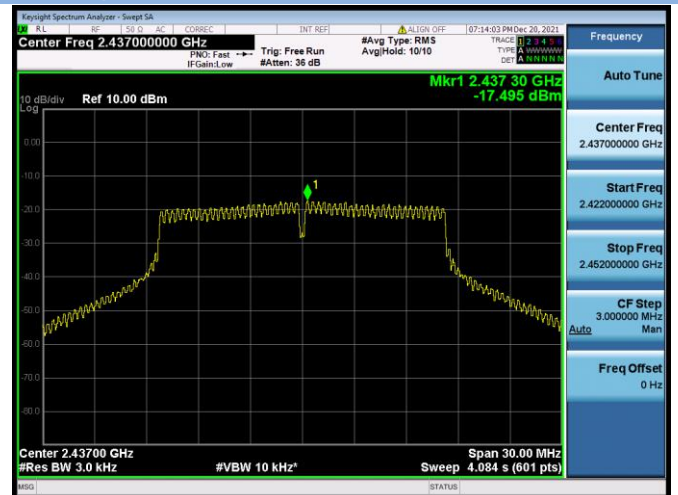
802.11g CHANNEL 1



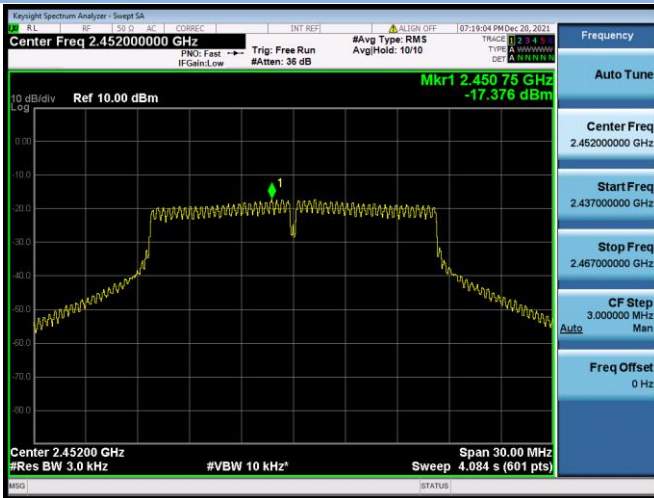
802.11g CHANNEL 2



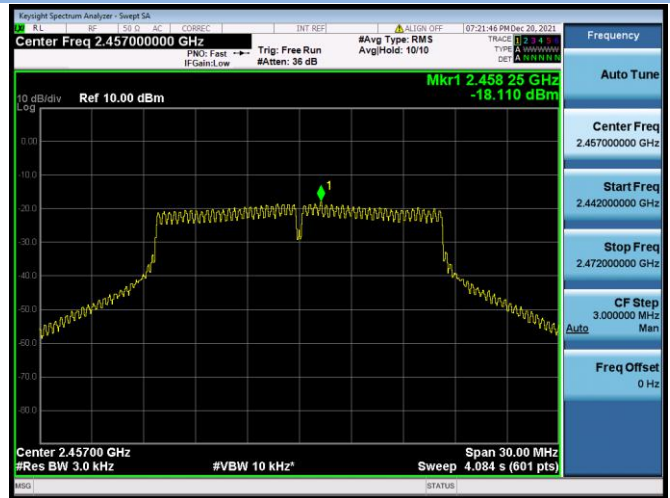
802.11g CHANNEL 6



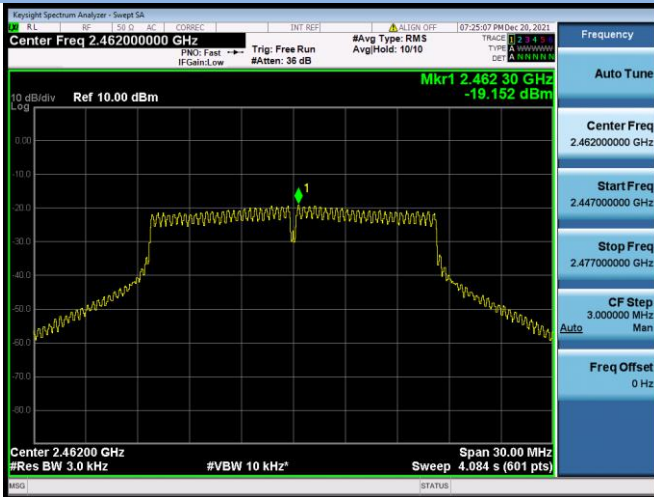
802.11g CHANNEL 9



802.11g CHANNEL 10



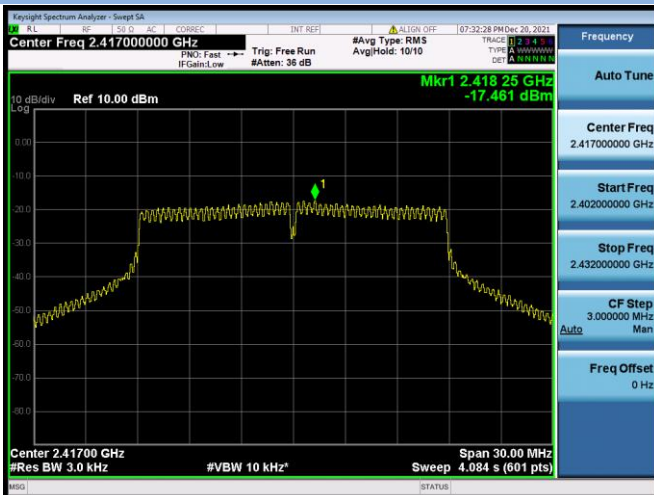
802.11g CHANNEL 11



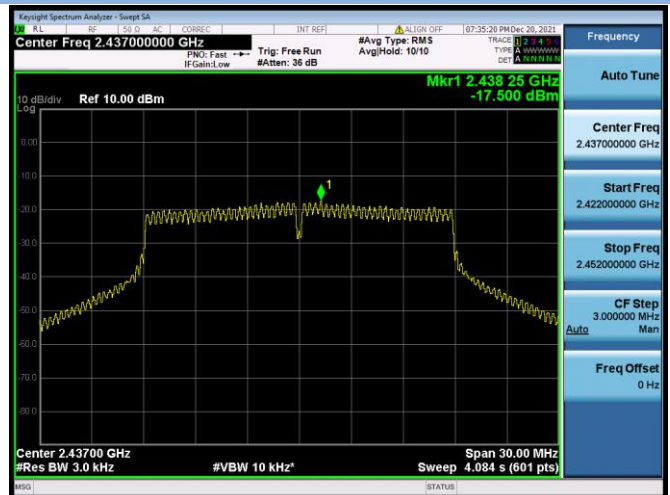
802.11n-20 MHz CHANNEL 1



802.11n-20 MHz CHANNEL 2



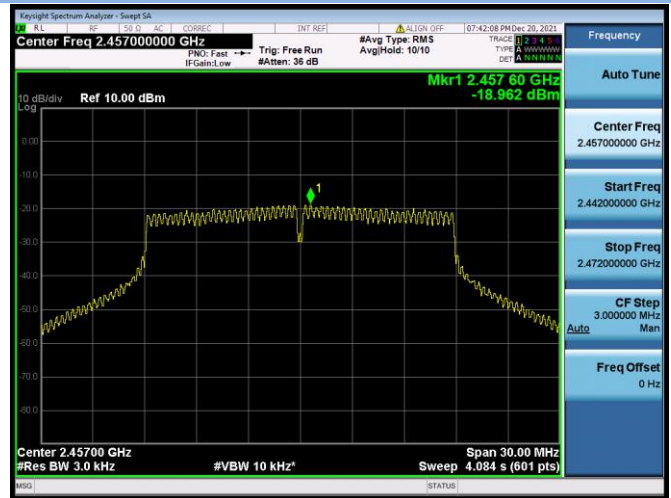
802.11 n-20 MHz CHANNEL 6



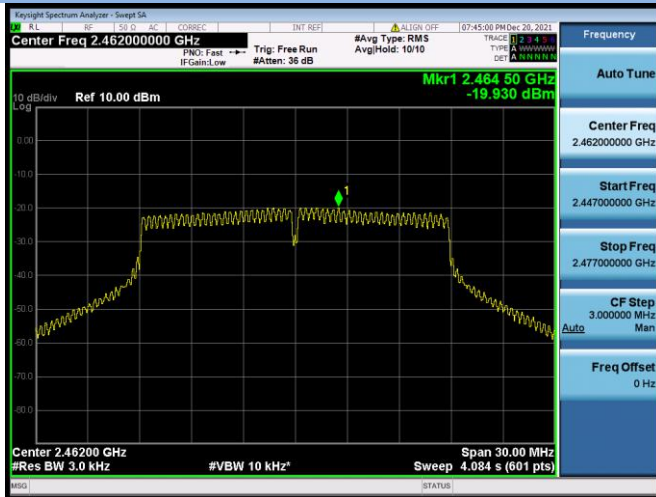
802.11n-20 MHz CHANNEL 9



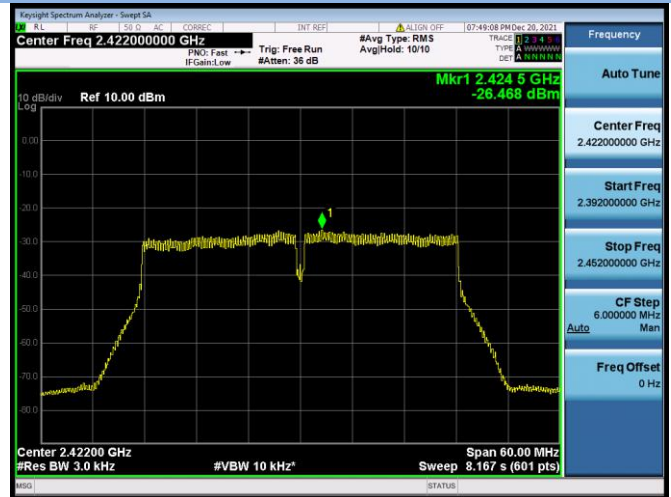
802.11n-40 MHz CHANNEL 10



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



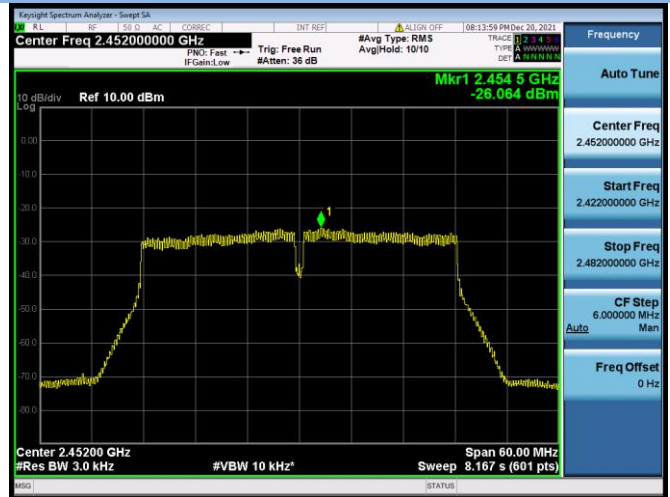
802.11n-40 MHz CHANNEL 7



802.11n-40 MHz CHANNEL 8



802.11n-40 MHz CHANNEL 9



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21B0287-AR.pdf".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ21B0287-AW.pdf".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ21B0287-AI.pdf".

--END OF REPORT--