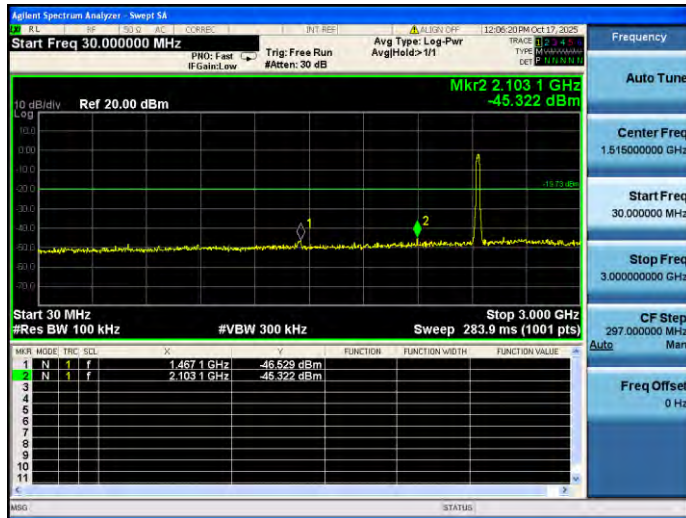
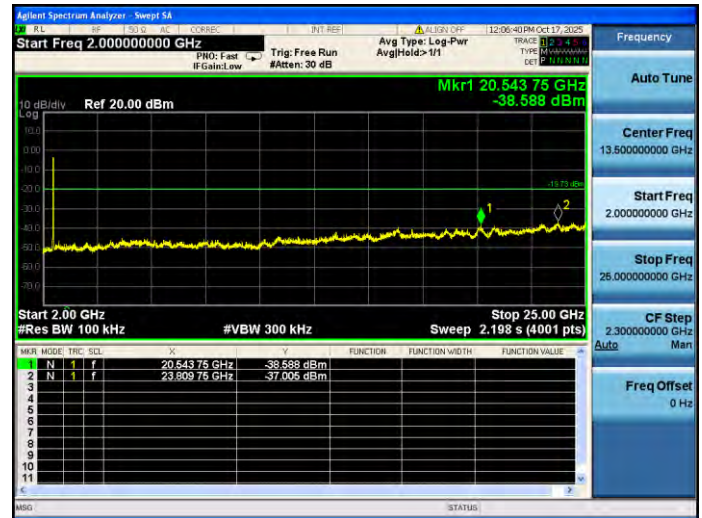


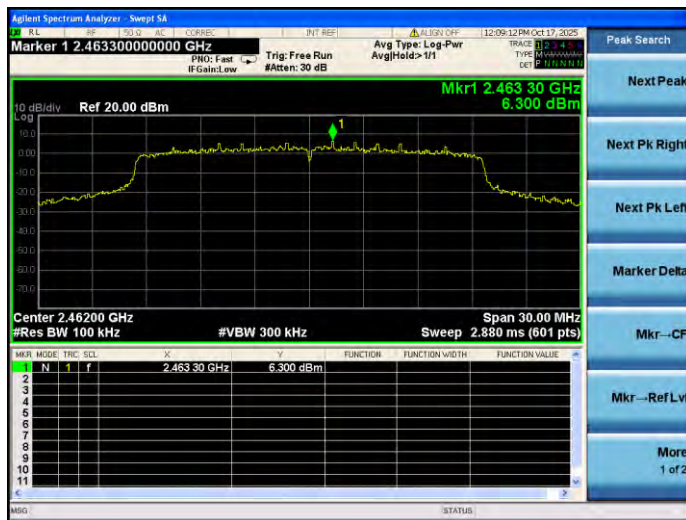
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



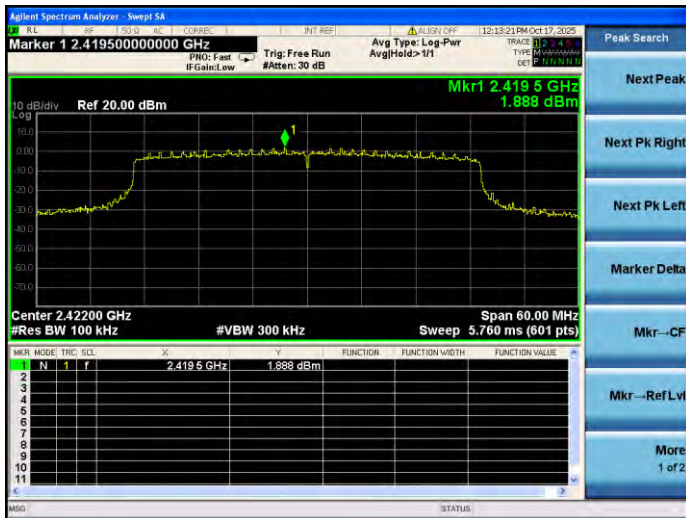
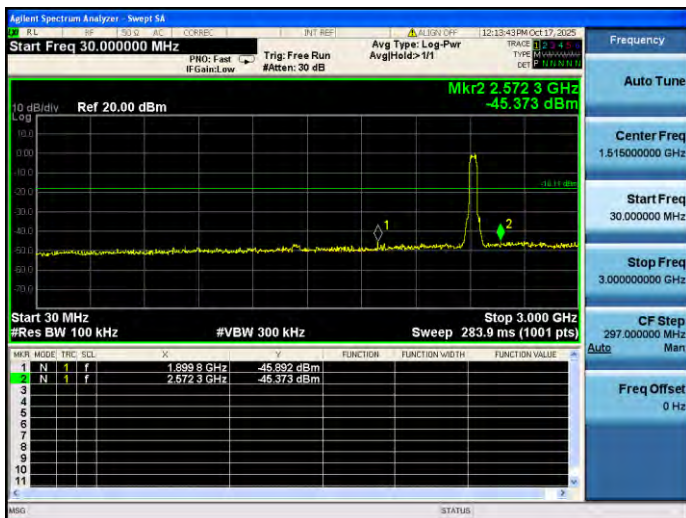
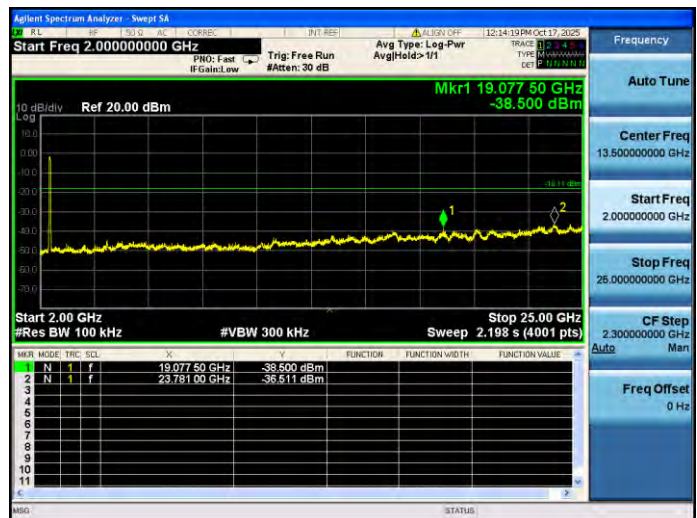
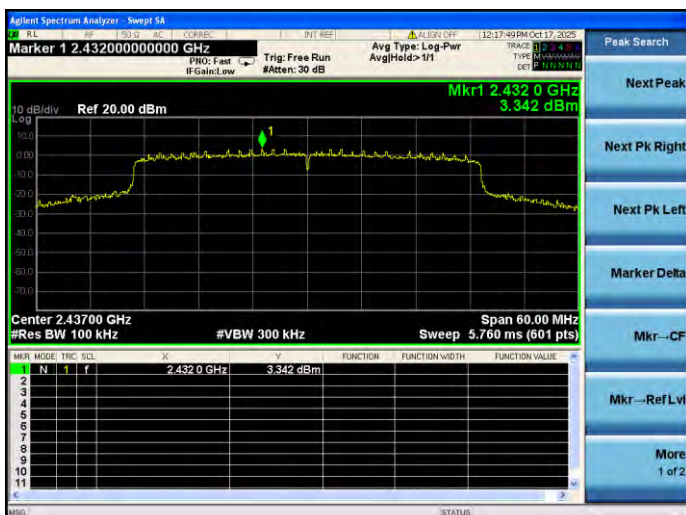
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



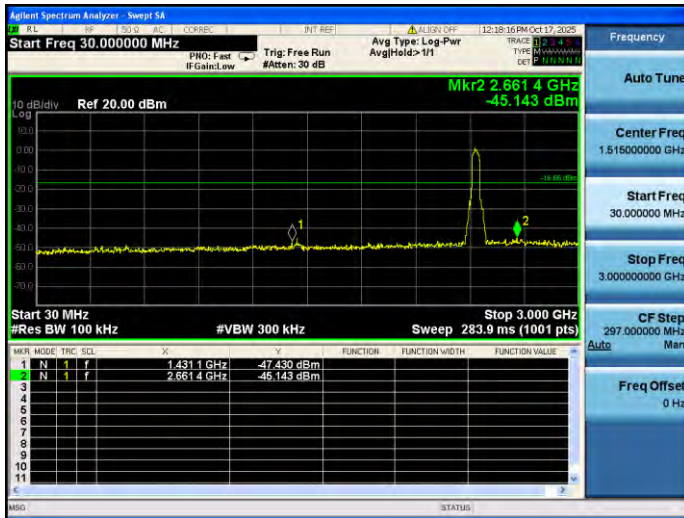
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



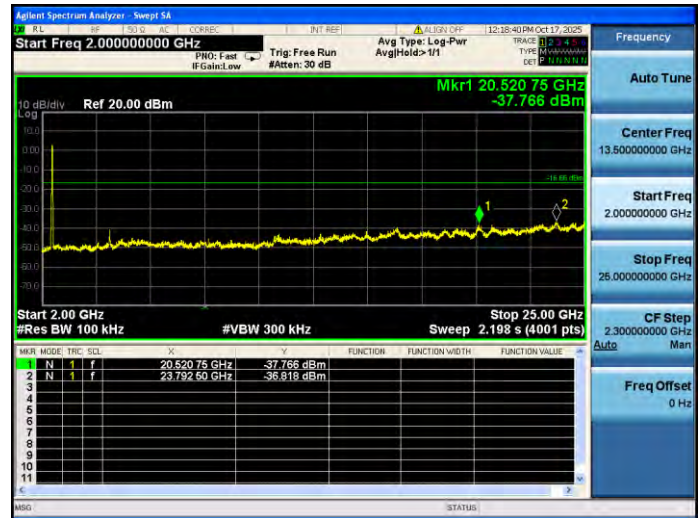
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER
LEVEL

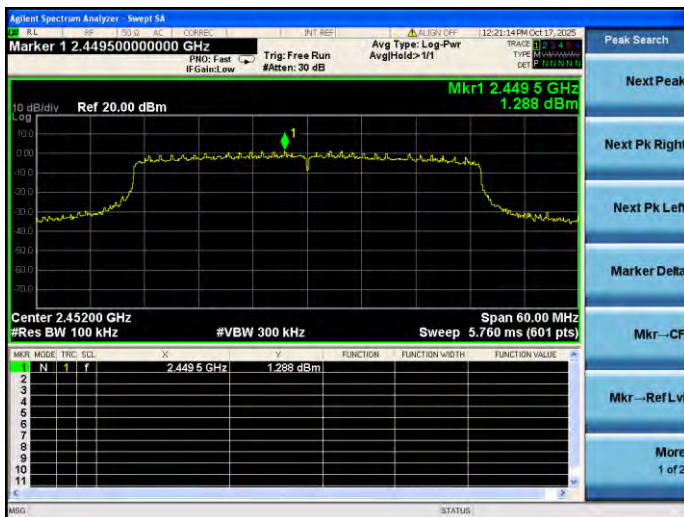
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



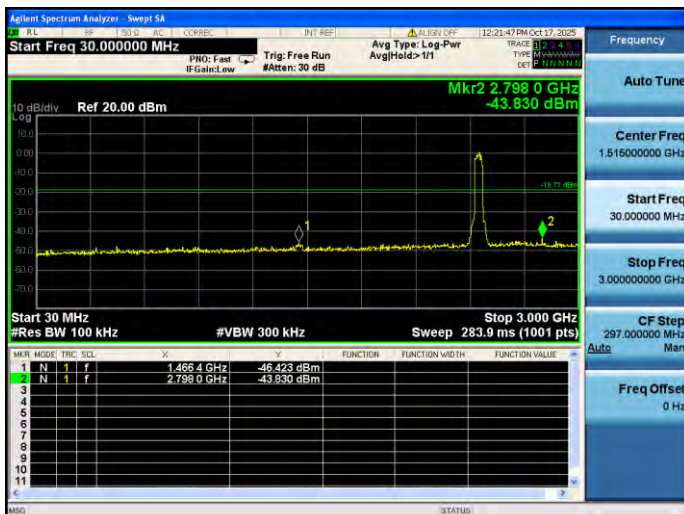
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



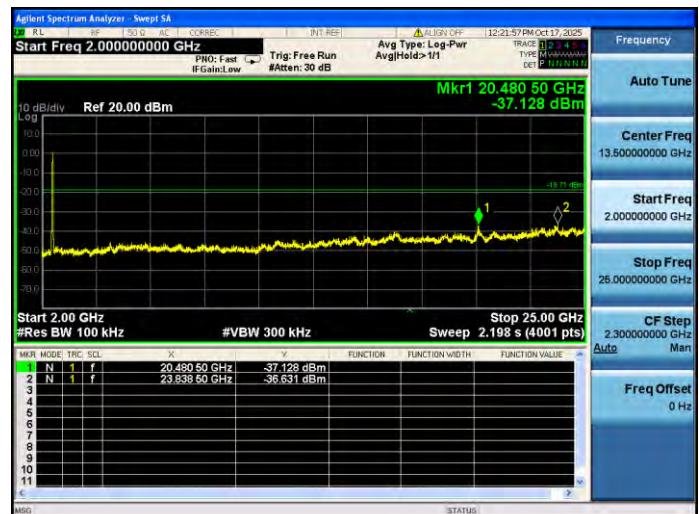
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

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

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-47.23	-1.31	-21.31	Pass
High Channel	-48.94	-0.74	-20.74	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.77	-1.87	-21.87	Pass
High Channel	-35.59	6.29	-13.71	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.02	0.03	-19.97	Pass
High Channel	-32.34	5.89	-14.11	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-28.18	1.61	-18.39	Pass
High Channel	-34.56	1.29	-18.71	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-19.97	6.40	-13.60	Pass
High Channel	-32.92	6.30	-13.70	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-27.73	1.89	-18.11	Pass
High Channel	-34.56	1.29	-18.71	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



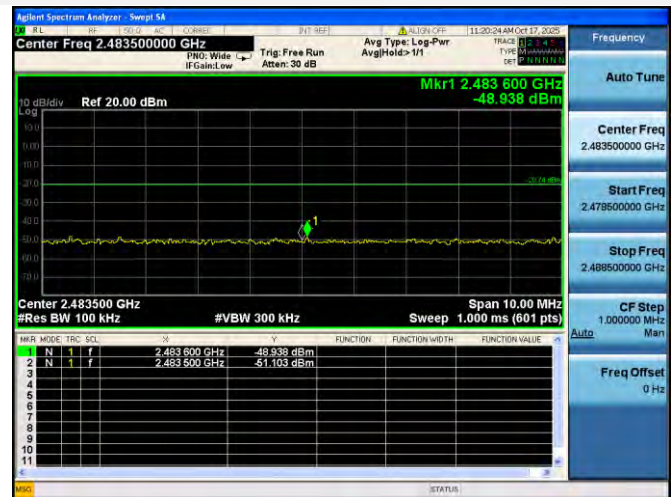
802.11b LOW CHANNEL, BAND EDGE



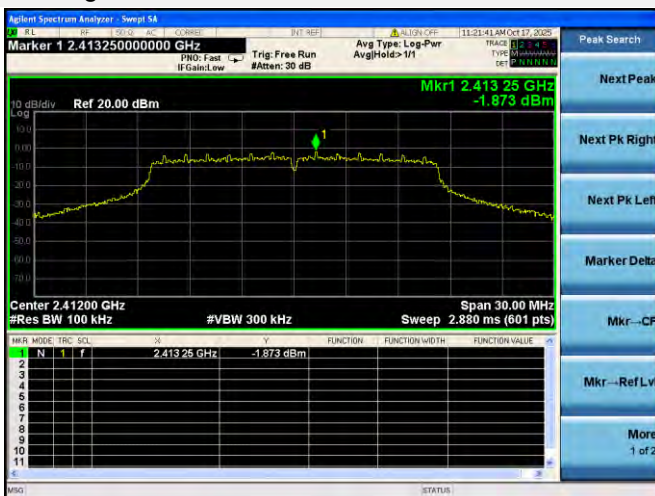
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



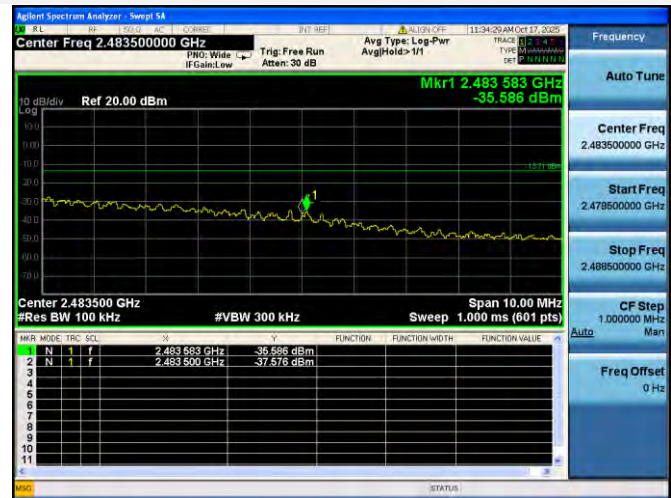
802.11g LOW CHANNEL, BAND EDGE



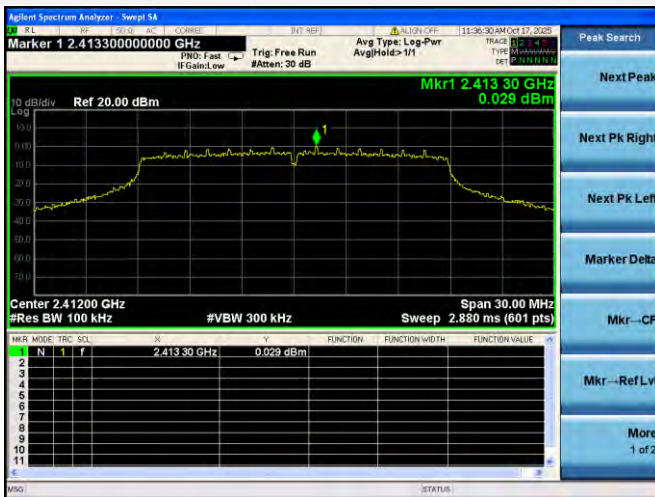
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



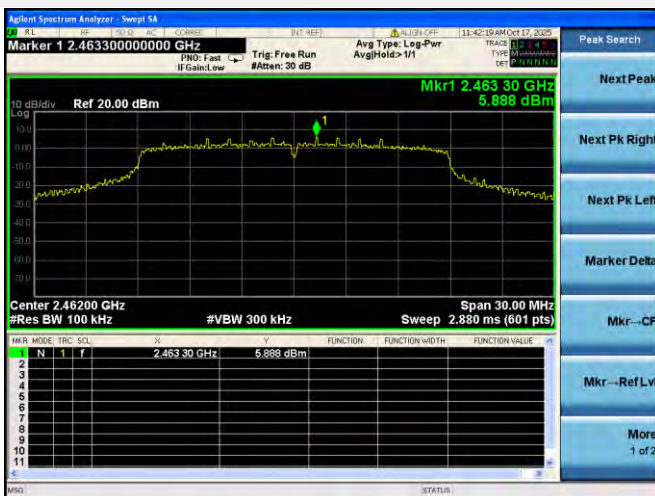
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



802.11n-20 MHz LOW CHANNEL, BAND EDGE



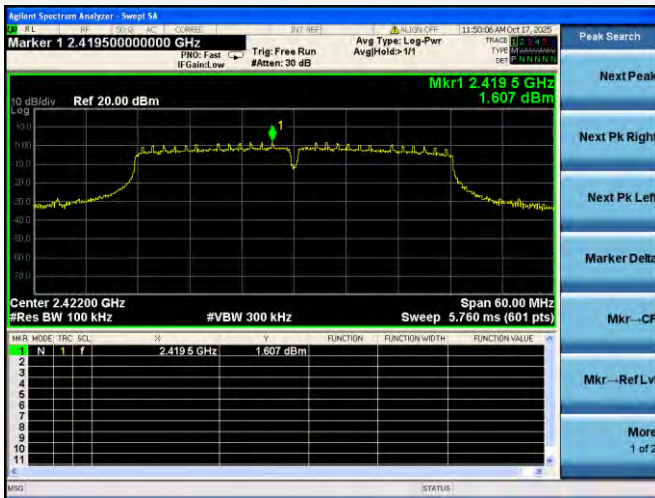
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



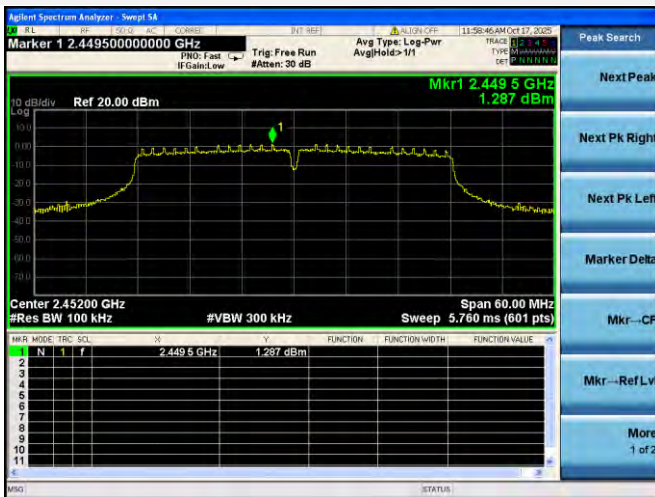
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



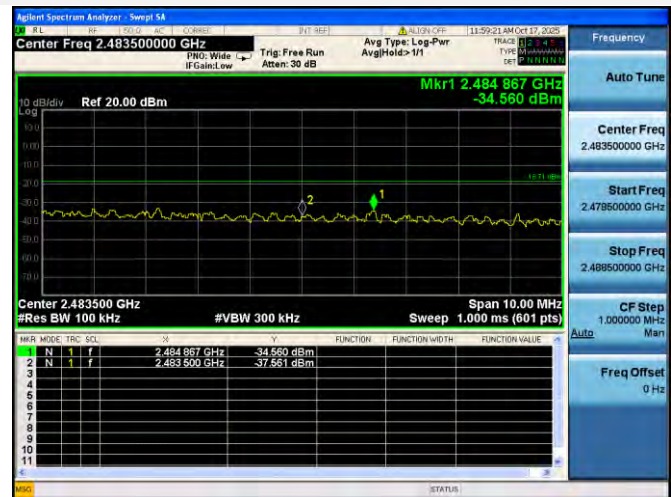
802.11n-40 MHz LOW CHANNEL, BAND EDGE



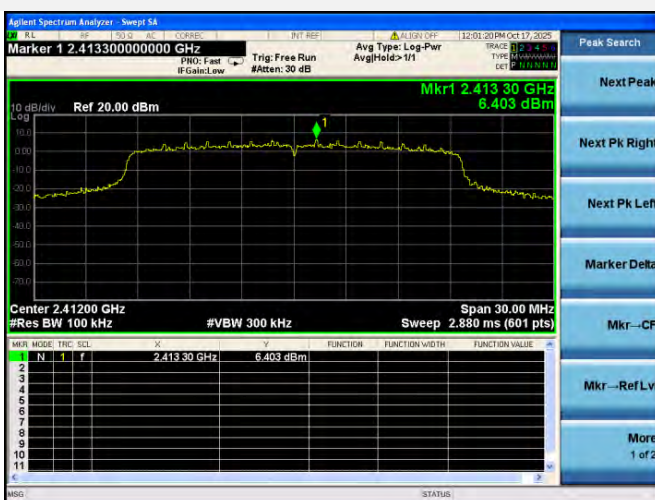
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



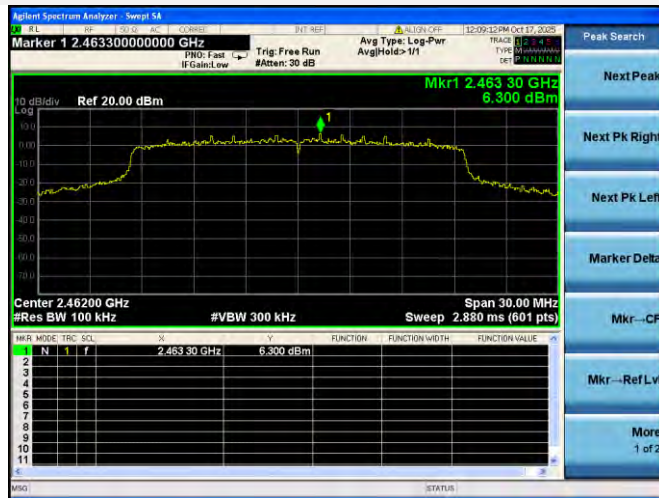
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



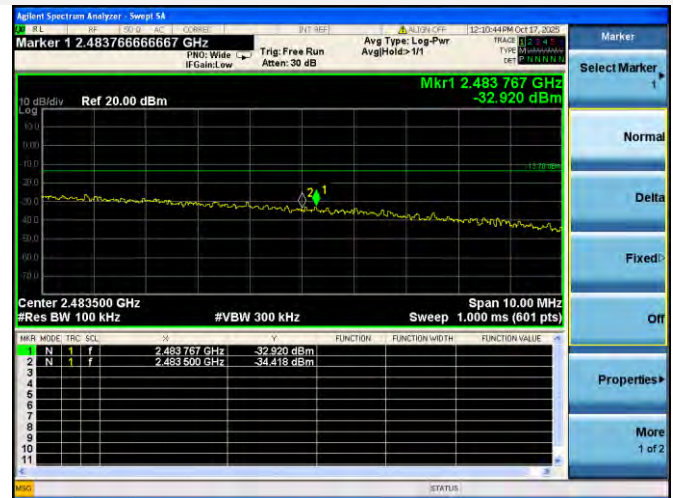
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



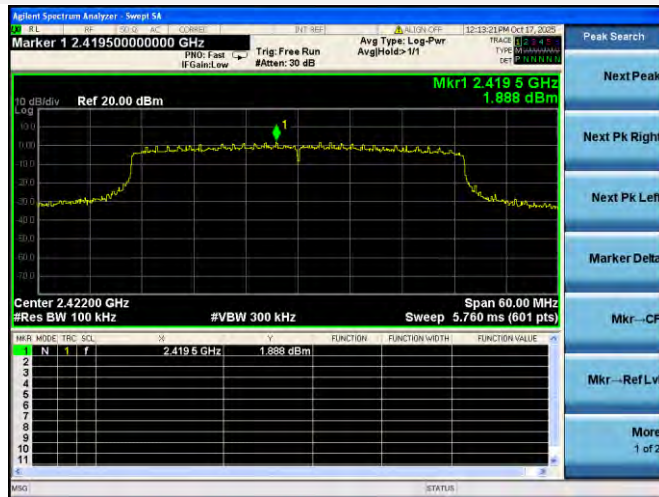
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



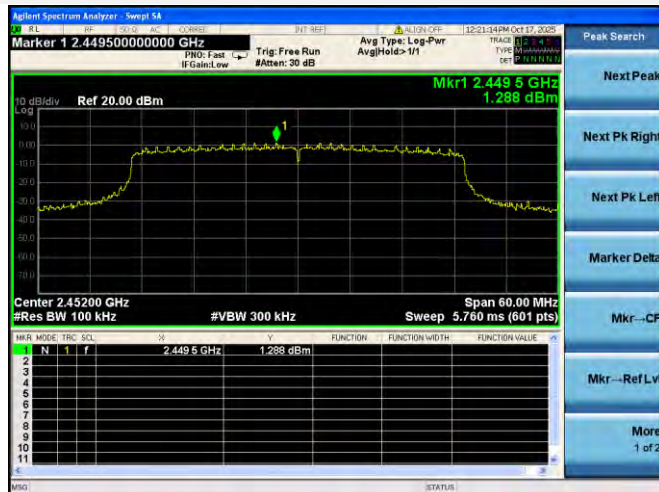
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



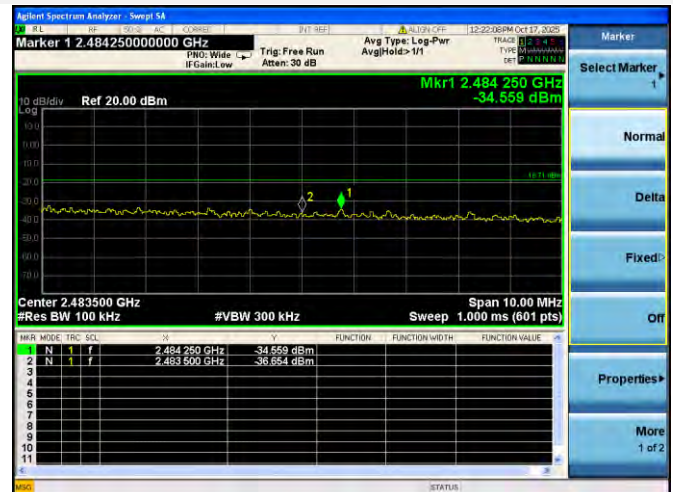
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

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

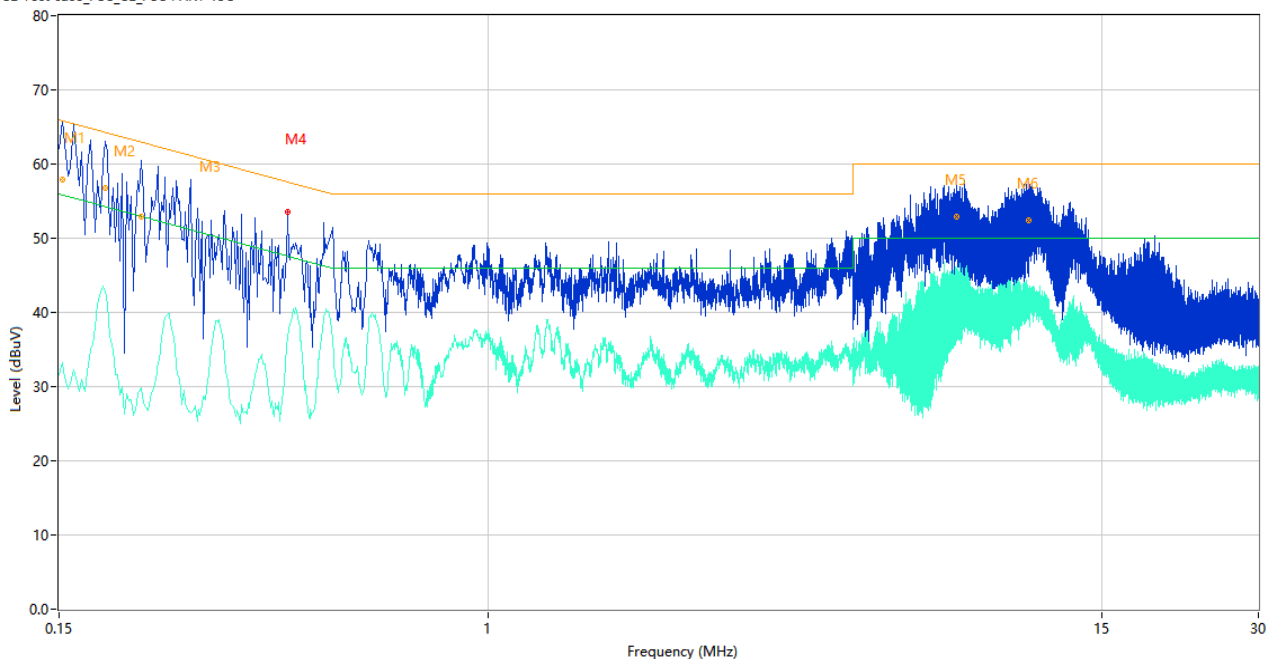
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

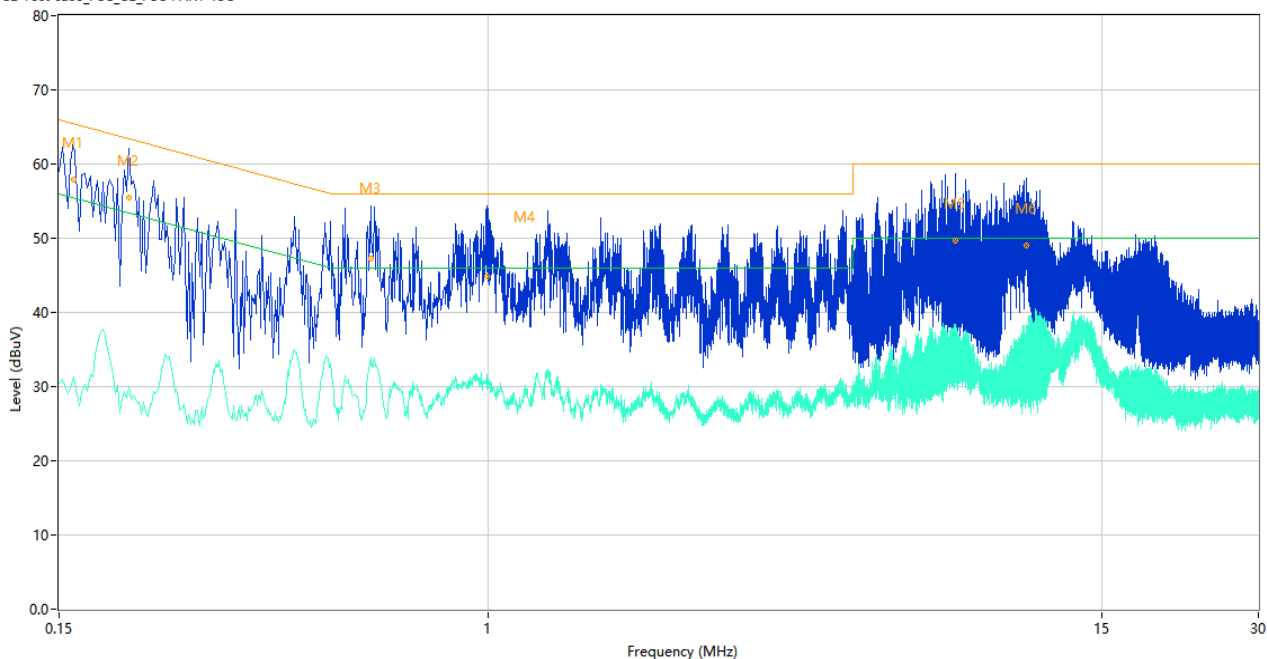
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	68.44	9.86	65.89	-2.55	Peak	L	N/A
1*	0.152	57.86	9.86	65.89	8.03	QP	L	Pass
1**	0.152	33.23	9.86	55.89	22.66	AV	L	Pass
2	0.184	66.65	9.84	64.30	-2.35	Peak	L	N/A
2*	0.184	56.70	9.84	64.30	7.60	QP	L	Pass
2**	0.184	42.84	9.84	54.30	11.46	AV	L	Pass
3	0.216	63.27	9.83	62.97	-0.30	Peak	L	N/A
3*	0.216	52.83	9.83	62.97	10.14	QP	L	Pass
3**	0.216	29.86	9.83	52.97	23.11	AV	L	Pass
4	0.412	53.61	10.49	57.61	4.00	Peak	L	Pass
4**	0.412	36.49	10.49	47.61	11.12	AV	L	Pass
5	7.908	59.15	10.32	60.00	0.85	Peak	L	N/A
5*	7.908	52.98	10.32	60.00	7.02	QP	L	Pass
5**	7.908	45.93	10.32	50.00	4.07	AV	L	Pass
6	10.888	57.73	10.37	60.00	2.27	Peak	L	N/A
6*	10.888	52.37	10.37	60.00	7.63	QP	L	Pass
6**	10.888	43.08	10.37	50.00	6.92	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	68.20	9.85	65.46	-2.74	Peak	N	N/A
1*	0.160	57.95	9.85	65.46	7.51	QP	N	Pass
1**	0.160	31.28	9.85	55.46	24.18	AV	N	Pass
2	0.204	64.32	9.84	63.45	-0.87	Peak	N	N/A
2*	0.204	55.42	9.84	63.45	8.03	QP	N	Pass
2**	0.204	30.00	9.84	53.45	23.45	AV	N	Pass
3	0.594	55.75	10.21	56.00	0.25	Peak	N	N/A
3*	0.594	47.31	10.21	56.00	8.69	QP	N	Pass
3**	0.594	33.92	10.21	46.00	12.08	AV	N	Pass
4	0.992	54.76	10.04	56.00	1.24	Peak	N	N/A
4*	0.992	44.77	10.04	56.00	11.23	QP	N	Pass
4**	0.992	31.62	10.04	46.00	14.38	AV	N	Pass
5	7.862	60.24	10.23	60.00	-0.24	Peak	N	N/A
5*	7.862	49.67	10.23	60.00	10.33	QP	N	Pass
5**	7.862	37.70	10.23	50.00	12.30	AV	N	Pass
6	10.744	56.91	10.46	60.00	3.09	Peak	N	N/A
6*	10.744	49.10	10.46	60.00	10.90	QP	N	Pass
6**	10.744	38.23	10.46	50.00	11.77	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 C63.10-2020, 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.

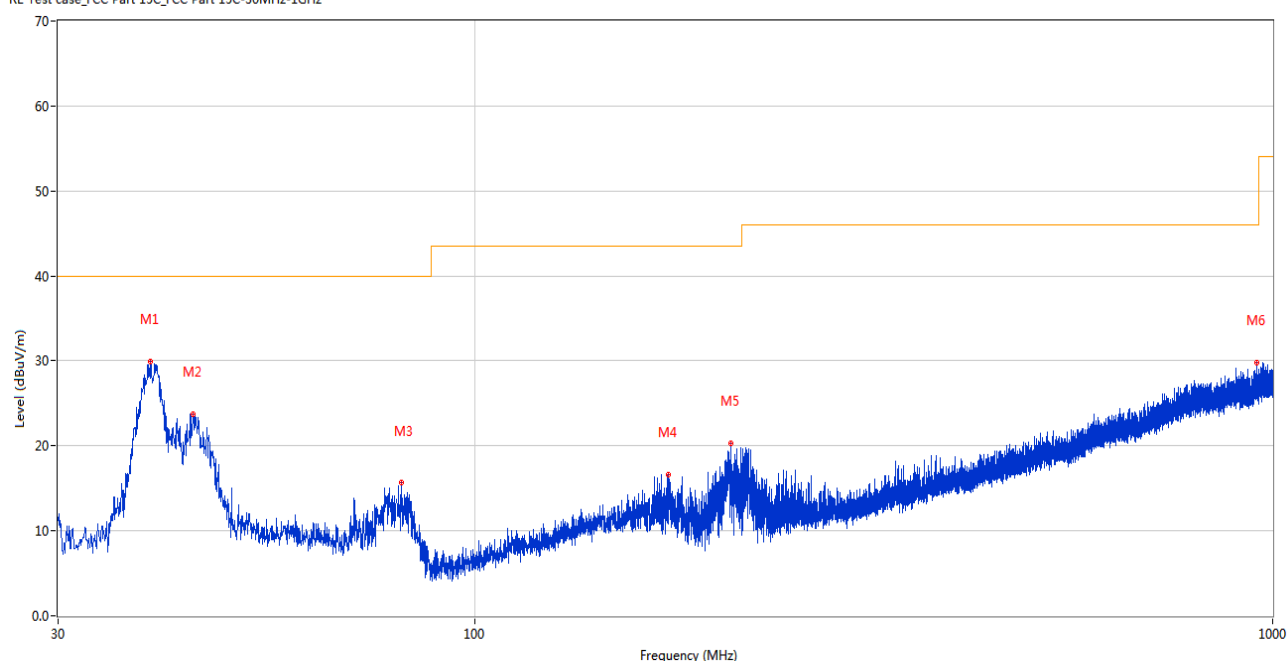
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

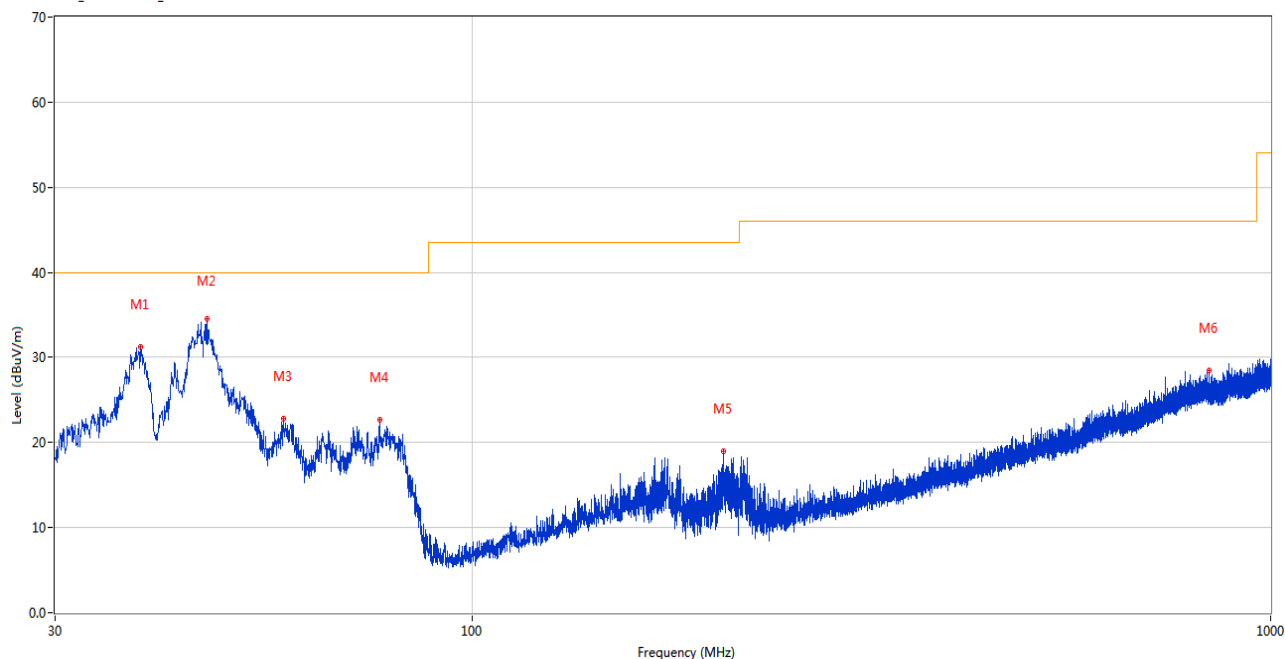
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.215	29.92	-26.32	40.0	10.08	Peak	316.00	100	Horizontal	Pass
2	44.307	23.71	-25.98	40.0	16.29	Peak	360.00	100	Horizontal	Pass
3	80.828	15.66	-29.78	40.0	24.34	Peak	142.00	100	Horizontal	Pass
4	174.627	16.67	-25.80	43.5	26.83	Peak	244.00	100	Horizontal	Pass
5	209.014	20.26	-28.03	43.5	23.24	Peak	244.00	100	Horizontal	Pass
6	954.216	29.77	-10.10	46.0	16.23	Peak	345.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.391	31.28	-26.43	40.0	8.72	Peak	275.00	100	Vertical	Pass
2	46.441	34.58	-25.65	40.0	5.42	Peak	230.00	100	Vertical	Pass
3	58.033	22.80	-26.27	40.0	17.20	Peak	86.00	100	Vertical	Pass
4	76.463	22.67	-28.92	40.0	17.33	Peak	115.00	100	Vertical	Pass
5	206.200	19.01	-28.27	43.5	24.49	Peak	360.00	100	Vertical	Pass
6	836.313	28.48	-11.59	46.0	17.52	Peak	129.00	100	Vertical	Pass

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

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1423.400	42.17	74.0	31.83	Peak	13.00	200	Horizontal	Pass
1**	1423.400	32.70	54.0	21.30	AV	13.00	200	Horizontal	Pass
2	2413.000	89.68	74.0	-15.68	Peak	286.00	200	Horizontal	N/A
2**	2413.000	86.83	54.0	-32.83	AV	286.00	200	Horizontal	N/A
3	4824.250	49.60	74.0	24.40	Peak	241.00	100	Horizontal	Pass
3**	4824.250	45.06	54.0	8.94	AV	241.00	100	Horizontal	Pass
4	7927.750	54.09	74.0	19.91	Peak	348.00	200	Horizontal	Pass
4**	7927.750	44.45	54.0	9.55	AV	348.00	200	Horizontal	Pass
5	12985.987	53.28	74.0	20.72	Peak	335.00	100	Horizontal	Pass
5**	12985.987	44.21	54.0	9.79	AV	335.00	100	Horizontal	Pass
6	14444.963	55.76	74.0	18.24	Peak	233.00	100	Horizontal	Pass
6**	14444.963	46.40	54.0	7.60	AV	233.00	100	Horizontal	Pass

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

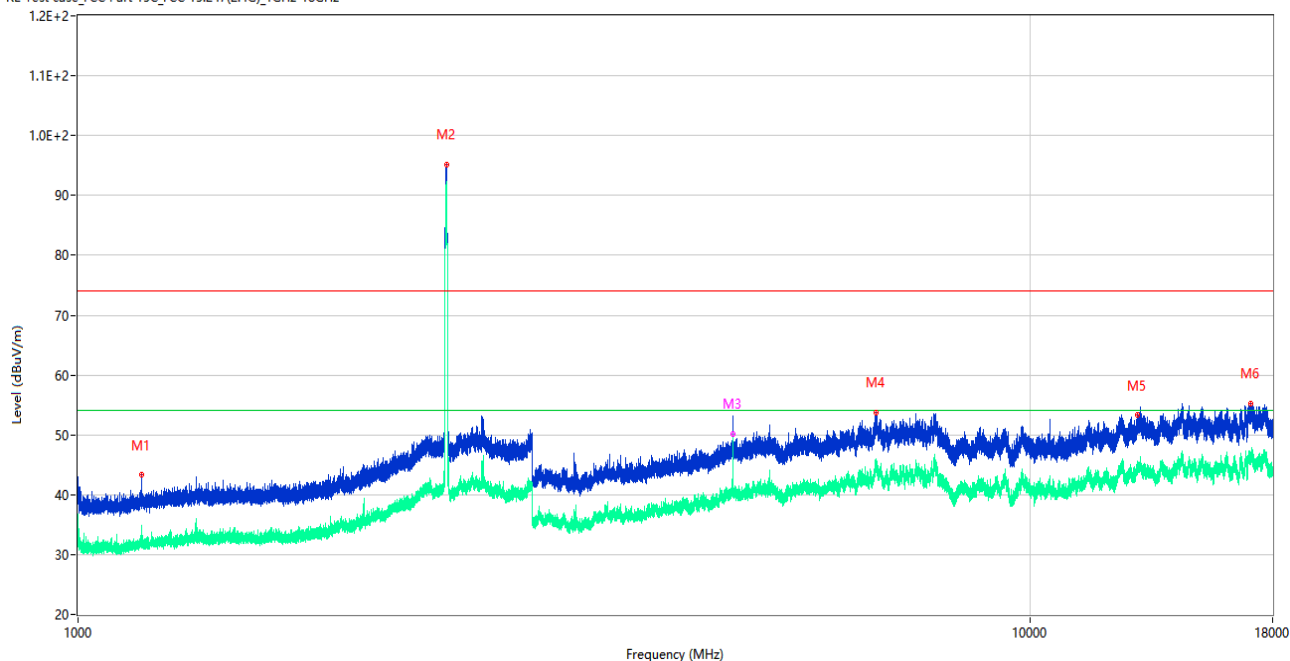
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	45.50	74.0	28.50	Peak	156.00	200	Vertical	Pass
1**	1330.600	34.34	54.0	19.66	AV	156.00	200	Vertical	Pass
2	2413.000	93.38	74.0	-19.38	Peak	165.00	150	Vertical	N/A
2**	2413.000	90.63	54.0	-36.63	AV	165.00	150	Vertical	N/A
3	4824.250	52.15	74.0	21.85	Peak	0.00	100	Vertical	Pass
3**	4824.250	49.77	54.0	4.23	AV	0.00	100	Vertical	Pass
4	7971.750	53.89	74.0	20.11	Peak	25.00	300	Vertical	Pass
4**	7971.750	44.57	54.0	9.43	AV	25.00	300	Vertical	Pass
5	12462.625	54.11	74.0	19.89	Peak	202.00	100	Vertical	Pass
5**	12462.625	45.05	54.0	8.95	AV	202.00	100	Vertical	Pass
6	16994.363	55.05	74.0	18.95	Peak	37.00	300	Vertical	Pass
6**	16994.363	46.50	54.0	7.50	AV	37.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	42.92	74.0	31.08	Peak	146.00	300	Horizontal	Pass
1**	1000.100	36.30	54.0	17.70	AV	146.00	300	Horizontal	Pass
2	2435.900	92.17	74.0	-18.17	Peak	290.00	100	Horizontal	N/A
2**	2435.900	89.36	54.0	-35.36	AV	290.00	100	Horizontal	N/A
3	4874.250	51.10	74.0	22.90	Peak	202.00	100	Horizontal	Pass
3**	4874.250	46.45	54.0	7.55	AV	202.00	100	Horizontal	Pass
4	7942.250	53.87	74.0	20.13	Peak	320.00	200	Horizontal	Pass
4**	7942.250	44.76	54.0	9.24	AV	320.00	200	Horizontal	Pass
5	12431.988	53.52	74.0	20.48	Peak	205.00	200	Horizontal	Pass
5**	12431.988	43.72	54.0	10.28	AV	205.00	200	Horizontal	Pass
6	16864.949	55.12	74.0	18.88	Peak	360.00	100	Horizontal	Pass
6**	16864.949	45.70	54.0	8.30	AV	360.00	100	Horizontal	Pass

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

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.200	43.34	74.0	30.66	Peak	95.00	100	Vertical	Pass
1**	1165.200	34.52	54.0	19.48	AV	95.00	100	Vertical	Pass
2	2438.400	95.21	74.0	-21.21	Peak	40.00	150	Vertical	N/A
2**	2438.400	92.28	54.0	-38.28	AV	40.00	150	Vertical	N/A
3	4874.250	53.13	74.0	20.87	Peak	219.00	100	Vertical	Pass
3**	4874.250	50.20	54.0	3.80	AV	219.00	100	Vertical	Pass
4	6888.250	53.77	74.0	20.23	Peak	180.00	100	Vertical	Pass
4**	6888.250	43.85	54.0	10.15	AV	180.00	100	Vertical	Pass
5	12990.975	53.29	74.0	20.71	Peak	306.00	200	Vertical	Pass
5**	12990.975	44.71	54.0	9.29	AV	306.00	200	Vertical	Pass
6	17080.724	55.22	74.0	18.78	Peak	156.00	400	Vertical	Pass
6**	17080.724	45.70	54.0	8.30	AV	156.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.200	42.45	74.0	31.55	Peak	146.00	100	Horizontal	Pass
1**	1000.200	36.09	54.0	17.91	AV	146.00	100	Horizontal	Pass
2	2463.500	92.08	74.0	-18.08	Peak	287.00	100	Horizontal	N/A
2**	2463.500	89.14	54.0	-35.14	AV	287.00	100	Horizontal	N/A
3	4924.500	47.91	74.0	26.09	Peak	280.00	100	Horizontal	Pass
3**	4924.500	43.64	54.0	10.36	AV	280.00	100	Horizontal	Pass
4	7929.500	53.41	74.0	20.59	Peak	103.00	100	Horizontal	Pass
4**	7929.500	45.14	54.0	8.86	AV	103.00	100	Horizontal	Pass
5	12516.062	53.64	74.0	20.36	Peak	217.00	100	Horizontal	Pass
5**	12516.062	44.09	54.0	9.91	AV	217.00	100	Horizontal	Pass
6	16999.613	55.55	74.0	18.45	Peak	45.00	300	Horizontal	Pass
6**	16999.613	46.13	54.0	7.87	AV	45.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	44.95	74.0	29.05	Peak	211.00	400	Vertical	Pass
1**	1333.300	33.09	54.0	20.91	AV	211.00	400	Vertical	Pass
2	2460.800	95.40	74.0	-21.40	Peak	42.00	200	Vertical	N/A
2**	2460.800	92.42	54.0	-38.42	AV	42.00	200	Vertical	N/A
3	4924.250	51.84	74.0	22.16	Peak	216.00	100	Vertical	Pass
3**	4924.250	48.93	54.0	5.07	AV	216.00	100	Vertical	Pass
4	7936.750	54.25	74.0	19.75	Peak	156.00	300	Vertical	Pass
4**	7936.750	45.02	54.0	8.98	AV	156.00	300	Vertical	Pass
5	12441.012	53.44	74.0	20.56	Peak	64.00	400	Vertical	Pass
5**	12441.012	43.83	54.0	10.17	AV	64.00	400	Vertical	Pass
6	17213.286	55.33	74.0	18.67	Peak	360.00	100	Vertical	Pass
6**	17213.286	44.87	54.0	9.13	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1373.300	42.31	74.0	31.69	Peak	283.00	300	Horizontal	Pass
1**	1373.300	32.94	54.0	21.06	AV	283.00	300	Horizontal	Pass
2	2463.500	91.11	74.0	-17.11	Peak	283.00	150	Horizontal	N/A
2**	2463.500	88.23	54.0	-34.23	AV	283.00	150	Horizontal	N/A
3	4924.000	49.81	74.0	24.19	Peak	256.00	150	Horizontal	Pass
3**	4924.000	42.64	54.0	11.36	AV	256.00	150	Horizontal	Pass
4	7934.000	53.97	74.0	20.03	Peak	81.00	100	Horizontal	Pass
4**	7934.000	45.32	54.0	8.68	AV	81.00	100	Horizontal	Pass
5	12947.401	53.66	74.0	20.34	Peak	180.00	300	Horizontal	Pass
5**	12947.401	43.41	54.0	10.59	AV	180.00	300	Horizontal	Pass
6	17081.250	55.78	74.0	18.22	Peak	348.00	300	Horizontal	Pass
6**	17081.250	46.69	54.0	7.31	AV	348.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	42.46	74.0	31.54	Peak	179.00	200	Vertical	Pass
1**	1330.500	32.16	54.0	21.84	AV	179.00	200	Vertical	Pass
2	2460.800	94.44	74.0	-20.44	Peak	31.00	150	Vertical	N/A
2**	2460.800	91.53	54.0	-37.53	AV	31.00	150	Vertical	N/A
3	4924.000	51.24	74.0	22.76	Peak	219.00	100	Vertical	Pass
3**	4924.000	47.65	54.0	6.35	AV	219.00	100	Vertical	Pass
4	7359.000	53.53	74.0	20.47	Peak	42.00	100	Vertical	Pass
4**	7359.000	43.98	54.0	10.02	AV	42.00	100	Vertical	Pass
5	12512.026	53.98	74.0	20.02	Peak	234.00	400	Vertical	Pass
5**	12512.026	45.30	54.0	8.70	AV	234.00	400	Vertical	Pass
6	14698.800	55.33	74.0	18.67	Peak	13.00	400	Vertical	Pass
6**	14698.800	45.82	54.0	8.18	AV	13.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2154.600	47.17	74.0	26.83	Peak	360.00	100	Horizontal	Pass
1**	2154.600	37.59	54.0	16.41	AV	360.00	100	Horizontal	Pass
2	2438.400	97.90	74.0	-23.90	Peak	232.00	150	Horizontal	N/A
2**	2438.400	90.02	54.0	-36.02	AV	232.00	150	Horizontal	N/A
3	4873.500	49.68	74.0	24.32	Peak	203.00	100	Horizontal	Pass
3**	4873.500	45.22	54.0	8.78	AV	203.00	100	Horizontal	Pass
4	7929.250	54.05	74.0	19.95	Peak	184.00	100	Horizontal	Pass
4**	7929.250	44.98	54.0	9.02	AV	184.00	100	Horizontal	Pass
5	12507.513	53.77	74.0	20.23	Peak	31.00	300	Horizontal	Pass
5**	12507.513	45.64	54.0	8.36	AV	31.00	300	Horizontal	Pass
6	17010.900	55.58	74.0	18.42	Peak	248.00	300	Horizontal	Pass
6**	17010.900	46.50	54.0	7.50	AV	248.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.800	43.91	74.0	30.09	Peak	144.00	200	Vertical	Pass
1**	1326.800	32.37	54.0	21.63	AV	144.00	200	Vertical	Pass
2	2258.900	59.42	74.0	14.58	Peak	344.00	100	Vertical	Pass
2**	2258.900	40.39	54.0	13.61	AV	344.00	100	Vertical	Pass
3	2440.900	98.06	74.0	-24.06	Peak	152.00	100	Vertical	N/A
3**	2440.900	89.98	54.0	-35.98	AV	152.00	100	Vertical	N/A
4	4873.000	52.54	74.0	21.46	Peak	45.00	100	Vertical	Pass
4**	4873.000	48.41	54.0	5.59	AV	45.00	100	Vertical	Pass
5	7934.500	54.03	74.0	19.97	Peak	359.00	200	Vertical	Pass
5**	7934.500	45.82	54.0	8.18	AV	359.00	200	Vertical	Pass
6	17063.136	55.43	74.0	18.57	Peak	14.00	400	Vertical	Pass
6**	17063.136	45.51	54.0	8.49	AV	14.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.100	42.87	74.0	31.13	Peak	313.00	200	Horizontal	Pass
1**	1474.100	34.47	54.0	19.53	AV	313.00	200	Horizontal	Pass
2	2460.400	97.23	74.0	-23.23	Peak	251.00	150	Horizontal	N/A
2**	2460.400	89.41	54.0	-35.41	AV	251.00	150	Horizontal	N/A
3	4920.000	52.25	74.0	21.75	Peak	205.00	100	Horizontal	Pass
3**	4920.000	43.36	54.0	10.64	AV	205.00	100	Horizontal	Pass
4	6912.250	54.31	74.0	19.69	Peak	86.00	400	Horizontal	Pass
4**	6912.250	44.30	54.0	9.70	AV	86.00	400	Horizontal	Pass
5	12980.475	53.21	74.0	20.79	Peak	268.00	100	Horizontal	Pass
5**	12980.475	44.64	54.0	9.36	AV	268.00	100	Horizontal	Pass
6	14443.388	55.30	74.0	18.70	Peak	216.00	300	Horizontal	Pass
6**	14443.388	45.55	54.0	8.45	AV	216.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	44.95	74.0	29.05	Peak	155.00	300	Vertical	Pass
1**	1331.200	34.54	54.0	19.46	AV	155.00	300	Vertical	Pass
2	2301.200	62.54	74.0	11.46	Peak	233.00	100	Vertical	Pass
2**	2301.200	42.06	54.0	11.94	AV	233.00	100	Vertical	Pass
3	2301.300	48.41	74.0	25.59	Peak	39.00	100	Vertical	Pass
3**	2301.300	49.85	54.0	4.15	AV	39.00	100	Vertical	Pass
4	2463.900	99.47	74.0	-25.47	Peak	206.00	100	Vertical	N/A
4**	2463.900	92.09	54.0	-38.09	AV	206.00	100	Vertical	N/A
5	4921.250	56.00	74.0	18.00	Peak	11.00	100	Vertical	Pass
5**	4921.250	50.81	54.0	3.19	AV	11.00	100	Vertical	Pass
6	17377.614	55.13	74.0	18.87	Peak	254.00	200	Vertical	Pass
6**	17377.614	44.96	54.0	9.04	AV	254.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.500	42.43	74.0	31.57	Peak	73.00	200	Horizontal	Pass
1**	1374.500	32.58	54.0	21.42	AV	73.00	200	Horizontal	Pass
2	2410.400	96.11	74.0	-22.11	Peak	250.00	100	Horizontal	N/A
2**	2410.400	89.04	54.0	-35.04	AV	250.00	100	Horizontal	N/A
3	4825.000	51.49	74.0	22.51	Peak	181.00	100	Horizontal	Pass
3**	4825.000	49.79	54.0	4.21	AV	181.00	100	Horizontal	Pass
4	6905.000	53.85	74.0	20.15	Peak	280.00	200	Horizontal	Pass
4**	6905.000	44.30	54.0	9.70	AV	280.00	200	Horizontal	Pass
5	12508.937	53.92	74.0	20.08	Peak	47.00	400	Horizontal	Pass
5**	12508.937	45.39	54.0	8.61	AV	47.00	400	Horizontal	Pass
6	17111.176	55.99	74.0	18.01	Peak	287.00	300	Horizontal	Pass
6**	17111.176	46.30	54.0	7.70	AV	287.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.400	45.15	74.0	28.85	Peak	162.00	200	Vertical	Pass
1**	1327.400	37.37	54.0	16.63	AV	162.00	200	Vertical	Pass
2	2414.200	100.37	74.0	-26.37	Peak	152.00	100	Vertical	N/A
2**	2414.200	92.76	54.0	-38.76	AV	152.00	100	Vertical	N/A
3	4821.000	56.39	74.0	17.61	Peak	222.00	100	Vertical	Pass
3**	4821.000	50.79	54.0	3.21	AV	222.00	100	Vertical	Pass
4	6892.000	53.80	74.0	20.20	Peak	84.00	300	Vertical	Pass
4**	6892.000	44.91	54.0	9.09	AV	84.00	300	Vertical	Pass
5	12411.563	53.86	74.0	20.14	Peak	360.00	400	Vertical	Pass
5**	12411.563	43.82	54.0	10.18	AV	360.00	400	Vertical	Pass
6	16987.275	55.36	74.0	18.64	Peak	360.00	200	Vertical	Pass
6**	16987.275	45.90	54.0	8.10	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1804.400	43.35	74.0	30.65	Peak	315.00	100	Horizontal	Pass
1**	1804.400	33.67	54.0	20.33	AV	315.00	100	Horizontal	Pass
2	2435.800	94.70	74.0	-20.70	Peak	130.00	100	Horizontal	N/A
2**	2435.800	87.05	54.0	-33.05	AV	130.00	100	Horizontal	N/A
3	4866.250	49.50	74.0	24.50	Peak	162.00	200	Horizontal	Pass
3**	4866.250	41.32	54.0	12.68	AV	162.00	200	Horizontal	Pass
4	7929.750	53.72	74.0	20.28	Peak	223.00	300	Horizontal	Pass
4**	7929.750	45.81	54.0	8.19	AV	223.00	300	Horizontal	Pass
5	12512.737	53.72	74.0	20.28	Peak	264.00	200	Horizontal	Pass
5**	12512.737	44.12	54.0	9.88	AV	264.00	200	Horizontal	Pass
6	14452.575	55.26	74.0	18.74	Peak	14.00	100	Horizontal	Pass
6**	14452.575	46.24	54.0	7.76	AV	14.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	43.78	74.0	30.22	Peak	134.00	400	Vertical	Pass
1**	1330.800	33.56	54.0	20.44	AV	134.00	400	Vertical	Pass
2	2438.700	97.88	74.0	-23.88	Peak	153.00	200	Vertical	N/A
2**	2438.700	89.81	54.0	-35.81	AV	153.00	200	Vertical	N/A
3	4874.500	53.94	74.0	20.06	Peak	303.00	100	Vertical	Pass
3**	4874.500	49.27	54.0	4.73	AV	303.00	100	Vertical	Pass
4	7931.250	53.73	74.0	20.27	Peak	360.00	200	Vertical	Pass
4**	7931.250	45.47	54.0	8.53	AV	360.00	200	Vertical	Pass
5	12450.275	53.74	74.0	20.26	Peak	346.00	100	Vertical	Pass
5**	12450.275	44.17	54.0	9.83	AV	346.00	100	Vertical	Pass
6	17050.801	55.85	74.0	18.15	Peak	264.00	400	Vertical	Pass
6**	17050.801	45.88	54.0	8.12	AV	264.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1324.400	42.01	74.0	31.99	Peak	13.00	100	Horizontal	Pass
1**	1324.400	32.59	54.0	21.41	AV	13.00	100	Horizontal	Pass
2	2463.700	97.08	74.0	-23.08	Peak	252.00	150	Horizontal	N/A
2**	2463.700	89.82	54.0	-35.82	AV	252.00	150	Horizontal	N/A
3	4924.500	50.54	74.0	23.46	Peak	110.00	100	Horizontal	Pass
3**	4924.500	46.03	54.0	7.97	AV	110.00	100	Horizontal	Pass
4	7938.000	53.84	74.0	20.16	Peak	211.00	200	Horizontal	Pass
4**	7938.000	45.32	54.0	8.68	AV	211.00	200	Horizontal	Pass
5	12473.075	53.16	74.0	20.84	Peak	360.00	400	Horizontal	Pass
5**	12473.075	44.36	54.0	9.64	AV	360.00	400	Horizontal	Pass
6	15180.750	55.16	74.0	18.84	Peak	112.00	400	Horizontal	Pass
6**	15180.750	45.36	54.0	8.64	AV	112.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.400	43.44	74.0	30.56	Peak	161.00	200	Vertical	Pass
1**	1331.400	34.25	54.0	19.75	AV	161.00	200	Vertical	Pass
2	2465.800	99.47	74.0	-25.47	Peak	153.00	200	Vertical	N/A
2**	2465.800	92.03	54.0	-38.03	AV	153.00	200	Vertical	N/A
3	4921.750	55.12	74.0	18.88	Peak	245.00	100	Vertical	Pass
3**	4921.750	49.11	54.0	4.89	AV	245.00	100	Vertical	Pass
4	6914.500	54.13	74.0	19.87	Peak	304.00	100	Vertical	Pass
4**	6914.500	44.14	54.0	9.86	AV	304.00	100	Vertical	Pass
5	12487.326	53.15	74.0	20.85	Peak	130.00	400	Vertical	Pass
5**	12487.326	44.10	54.0	9.90	AV	130.00	400	Vertical	Pass
6	17130.074	54.75	74.0	19.25	Peak	216.00	100	Vertical	Pass
6**	17130.074	45.85	54.0	8.15	AV	216.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.000	42.12	74.0	31.88	Peak	141.00	100	Horizontal	Pass
1**	1344.000	32.74	54.0	21.26	AV	141.00	100	Horizontal	Pass
2	2416.800	90.58	74.0	-16.58	Peak	130.00	200	Horizontal	N/A
2**	2416.800	82.65	54.0	-28.65	AV	130.00	200	Horizontal	N/A
3	4843.000	51.15	74.0	22.85	Peak	224.00	100	Horizontal	Pass
3**	4843.000	42.50	54.0	11.50	AV	224.00	100	Horizontal	Pass
4	7977.250	54.02	74.0	19.98	Peak	360.00	300	Horizontal	Pass
4**	7977.250	44.37	54.0	9.63	AV	360.00	300	Horizontal	Pass
5	12480.201	53.45	74.0	20.55	Peak	323.00	300	Horizontal	Pass
5**	12480.201	43.99	54.0	10.01	AV	323.00	300	Horizontal	Pass
6	17131.387	55.03	74.0	18.97	Peak	108.00	200	Horizontal	Pass
6**	17131.387	45.71	54.0	8.29	AV	108.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.400	42.99	74.0	31.01	Peak	210.00	200	Vertical	Pass
1**	1327.400	36.06	54.0	17.94	AV	210.00	200	Vertical	Pass
2	2423.500	94.61	74.0	-20.61	Peak	158.00	100	Vertical	N/A
2**	2423.500	85.21	54.0	-31.21	AV	158.00	100	Vertical	N/A
3	4845.250	51.00	74.0	23.00	Peak	22.00	100	Vertical	Pass
3**	4845.250	49.35	54.0	4.65	AV	22.00	100	Vertical	Pass
4	7930.750	54.08	74.0	19.92	Peak	83.00	200	Vertical	Pass
4**	7930.750	44.93	54.0	9.07	AV	83.00	200	Vertical	Pass
5	12515.112	53.32	74.0	20.68	Peak	91.00	400	Vertical	Pass
5**	12515.112	44.46	54.0	9.54	AV	91.00	400	Vertical	Pass
6	14466.487	54.77	74.0	19.23	Peak	256.00	100	Vertical	Pass
6**	14466.487	46.12	54.0	7.88	AV	256.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.500	42.58	74.0	31.42	Peak	313.00	200	Horizontal	Pass
1**	1474.500	32.46	54.0	21.54	AV	313.00	200	Horizontal	Pass
2	2295.800	56.79	74.0	17.21	Peak	252.00	100	Horizontal	Pass
2**	2295.800	40.65	54.0	13.35	AV	252.00	100	Horizontal	Pass
3	2434.600	91.30	74.0	-17.30	Peak	260.00	150	Horizontal	N/A
3**	2434.600	83.74	54.0	-29.74	AV	260.00	150	Horizontal	N/A
4	7584.500	53.50	74.0	20.50	Peak	64.00	300	Horizontal	Pass
4**	7584.500	44.23	54.0	9.77	AV	64.00	300	Horizontal	Pass
5	12994.912	54.84	74.0	19.16	Peak	264.00	300	Horizontal	Pass
5**	12994.912	43.97	54.0	10.03	AV	264.00	300	Horizontal	Pass
6	17109.074	54.80	74.0	19.20	Peak	301.00	200	Horizontal	Pass
6**	17109.074	45.30	54.0	8.70	AV	301.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.700	42.77	74.0	31.23	Peak	144.00	100	Vertical	Pass
1**	1162.700	32.60	54.0	21.40	AV	144.00	100	Vertical	Pass
2	2435.500	95.26	74.0	-21.26	Peak	154.00	100	Vertical	N/A
2**	2435.500	86.82	54.0	-32.82	AV	154.00	100	Vertical	N/A
3	4872.000	51.58	74.0	22.42	Peak	248.00	100	Vertical	Pass
3**	4872.000	48.95	54.0	5.05	AV	248.00	100	Vertical	Pass
4	7932.000	53.95	74.0	20.05	Peak	248.00	400	Vertical	Pass
4**	7932.000	44.95	54.0	9.05	AV	248.00	400	Vertical	Pass
5	12515.112	53.83	74.0	20.17	Peak	56.00	100	Vertical	Pass
5**	12515.112	43.78	54.0	10.22	AV	56.00	100	Vertical	Pass
6	17476.837	55.29	74.0	18.71	Peak	158.00	400	Vertical	Pass
6**	17476.837	45.83	54.0	8.17	AV	158.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.800	42.62	74.0	31.38	Peak	360.00	200	Horizontal	Pass
1**	1502.800	32.10	54.0	21.90	AV	360.00	200	Horizontal	Pass
2	2447.600	91.72	74.0	-17.72	Peak	250.00	100	Horizontal	N/A
2**	2447.600	84.10	54.0	-30.10	AV	250.00	100	Horizontal	N/A
3	4898.250	50.79	74.0	23.21	Peak	192.00	100	Horizontal	Pass
3**	4898.250	42.23	54.0	11.77	AV	192.00	100	Horizontal	Pass
4	7606.250	54.02	74.0	19.98	Peak	270.00	200	Horizontal	Pass
4**	7606.250	43.39	54.0	10.61	AV	270.00	200	Horizontal	Pass
5	12989.138	53.86	74.0	20.14	Peak	139.00	300	Horizontal	Pass
5**	12989.138	43.80	54.0	10.20	AV	139.00	300	Horizontal	Pass
6	16877.025	54.81	74.0	19.19	Peak	335.00	300	Horizontal	Pass
6**	16877.025	45.05	54.0	8.95	AV	335.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	44.62	74.0	29.38	Peak	152.00	200	Vertical	Pass
1**	1330.400	33.79	54.0	20.21	AV	152.00	200	Vertical	Pass
2	2449.100	95.32	74.0	-21.32	Peak	143.00	100	Vertical	N/A
2**	2449.100	87.51	54.0	-33.51	AV	143.00	100	Vertical	N/A
3	4903.500	52.40	74.0	21.60	Peak	74.00	100	Vertical	Pass
3**	4903.500	47.09	54.0	6.91	AV	74.00	100	Vertical	Pass
4	7931.500	53.77	74.0	20.23	Peak	231.00	400	Vertical	Pass
4**	7931.500	45.48	54.0	8.52	AV	231.00	400	Vertical	Pass
5	12482.099	53.67	74.0	20.33	Peak	0.00	300	Vertical	Pass
5**	12482.099	44.41	54.0	9.59	AV	0.00	300	Vertical	Pass
6	17097.000	55.13	74.0	18.87	Peak	197.00	200	Vertical	Pass
6**	17097.000	45.61	54.0	8.39	AV	197.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.200	42.78	74.0	31.22	Peak	312.00	100	Horizontal	Pass
1**	1447.200	34.03	54.0	19.97	AV	312.00	100	Horizontal	Pass
2	2406.000	98.27	74.0	-24.27	Peak	125.00	100	Horizontal	N/A
2**	2406.000	88.69	54.0	-34.69	AV	125.00	100	Horizontal	N/A
3	4823.500	50.93	74.0	23.07	Peak	191.00	100	Horizontal	Pass
3**	4823.500	46.80	54.0	7.20	AV	191.00	100	Horizontal	Pass
4	6900.000	54.57	74.0	19.43	Peak	74.00	100	Horizontal	Pass
4**	6900.000	44.10	54.0	9.90	AV	74.00	100	Horizontal	Pass
5	12439.349	53.34	74.0	20.66	Peak	312.00	200	Horizontal	Pass
5**	12439.349	43.78	54.0	10.22	AV	312.00	200	Horizontal	Pass
6	14452.050	55.89	74.0	18.11	Peak	42.00	400	Horizontal	Pass
6**	14452.050	45.52	54.0	8.48	AV	42.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	44.60	74.0	29.40	Peak	159.00	200	Vertical	Pass
1**	1330.100	34.45	54.0	19.55	AV	159.00	200	Vertical	Pass
2	2418.400	100.69	74.0	-26.69	Peak	176.00	150	Vertical	N/A
2**	2418.400	90.65	54.0	-36.65	AV	176.00	150	Vertical	N/A
3	4824.000	55.46	74.0	18.54	Peak	271.00	100	Vertical	Pass
3**	4824.000	50.55	54.0	3.45	AV	271.00	100	Vertical	Pass
4	7938.250	54.68	74.0	19.32	Peak	251.00	400	Vertical	Pass
4**	7938.250	44.73	54.0	9.27	AV	251.00	400	Vertical	Pass
5	12467.849	53.52	74.0	20.48	Peak	184.00	300	Vertical	Pass
5**	12467.849	44.21	54.0	9.79	AV	184.00	300	Vertical	Pass
6	16862.063	54.87	74.0	19.13	Peak	302.00	300	Vertical	Pass
6**	16862.063	45.44	54.0	8.56	AV	302.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	42.51	74.0	31.49	Peak	206.00	300	Horizontal	Pass
1**	1331.700	33.09	54.0	20.91	AV	206.00	300	Horizontal	Pass
2	2439.000	94.25	74.0	-20.25	Peak	250.00	150	Horizontal	N/A
2**	2439.000	83.47	54.0	-29.47	AV	250.00	150	Horizontal	N/A
3	4874.000	48.85	74.0	25.15	Peak	360.00	100	Horizontal	Pass
3**	4874.000	44.19	54.0	9.81	AV	360.00	100	Horizontal	Pass
4	6912.750	53.61	74.0	20.39	Peak	241.00	300	Horizontal	Pass
4**	6912.750	45.15	54.0	8.85	AV	241.00	300	Horizontal	Pass
5	12478.537	53.75	74.0	20.25	Peak	59.00	400	Horizontal	Pass
5**	12478.537	44.45	54.0	9.55	AV	59.00	400	Horizontal	Pass
6	17086.762	55.41	74.0	18.59	Peak	149.00	200	Horizontal	Pass
6**	17086.762	45.88	54.0	8.12	AV	149.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	44.43	74.0	29.57	Peak	157.00	100	Vertical	Pass
1**	1330.700	32.72	54.0	21.28	AV	157.00	100	Vertical	Pass
2	2434.300	97.92	74.0	-23.92	Peak	147.00	100	Vertical	N/A
2**	2434.300	87.98	54.0	-33.98	AV	147.00	100	Vertical	N/A
3	4870.750	50.74	74.0	23.26	Peak	360.00	100	Vertical	Pass
3**	4870.750	48.89	54.0	5.11	AV	360.00	100	Vertical	Pass
4	7936.500	54.39	74.0	19.61	Peak	321.00	300	Vertical	Pass
4**	7936.500	46.34	54.0	7.66	AV	321.00	300	Vertical	Pass
5	12753.412	53.23	74.0	20.77	Peak	171.00	300	Vertical	Pass
5**	12753.412	43.41	54.0	10.59	AV	171.00	300	Vertical	Pass
6	14451.000	55.74	74.0	18.26	Peak	171.00	300	Vertical	Pass
6**	14451.000	47.14	54.0	6.86	AV	171.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.300	42.09	74.0	31.91	Peak	31.00	400	Horizontal	Pass
1**	1429.300	33.29	54.0	20.71	AV	31.00	400	Horizontal	Pass
2	2460.600	98.22	74.0	-24.22	Peak	118.00	100	Horizontal	N/A
2**	2460.600	89.93	54.0	-35.93	AV	118.00	100	Horizontal	N/A
3	4920.000	48.91	74.0	25.09	Peak	249.00	100	Horizontal	Pass
3**	4920.000	45.21	54.0	8.79	AV	249.00	100	Horizontal	Pass
4	7887.750	53.93	74.0	20.07	Peak	360.00	100	Horizontal	Pass
4**	7887.750	43.73	54.0	10.27	AV	360.00	100	Horizontal	Pass
5	12491.837	53.22	74.0	20.78	Peak	179.00	300	Horizontal	Pass
5**	12491.837	44.18	54.0	9.82	AV	179.00	300	Horizontal	Pass
6	17039.250	55.31	74.0	18.69	Peak	186.00	400	Horizontal	Pass
6**	17039.250	46.33	54.0	7.67	AV	186.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	44.83	74.0	29.17	Peak	139.00	300	Vertical	Pass
1**	1332.000	34.97	54.0	19.03	AV	139.00	300	Vertical	Pass
2	2459.100	101.58	74.0	-27.58	Peak	173.00	100	Vertical	N/A
2**	2459.100	91.54	54.0	-37.54	AV	173.00	100	Vertical	N/A
3	4921.750	54.17	74.0	19.83	Peak	74.00	100	Vertical	Pass
3**	4921.750	49.86	54.0	4.14	AV	74.00	100	Vertical	Pass
4	7940.250	53.92	74.0	20.08	Peak	348.00	400	Vertical	Pass
4**	7940.250	44.90	54.0	9.10	AV	348.00	400	Vertical	Pass
5	12469.512	54.46	74.0	19.54	Peak	237.00	100	Vertical	Pass
5**	12469.512	43.89	54.0	10.11	AV	237.00	100	Vertical	Pass
6	17005.125	55.85	74.0	18.15	Peak	360.00	200	Vertical	Pass
6**	17005.125	45.81	54.0	8.19	AV	360.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.800	42.72	74.0	31.28	Peak	223.00	400	Horizontal	Pass
1**	1334.800	33.24	54.0	20.76	AV	223.00	400	Horizontal	Pass
2	2418.300	95.22	74.0	-21.22	Peak	128.00	150	Horizontal	N/A
2**	2418.300	86.59	54.0	-32.59	AV	128.00	150	Horizontal	N/A
3	4843.750	50.72	74.0	23.28	Peak	208.00	100	Horizontal	Pass
3**	4843.750	44.90	54.0	9.10	AV	208.00	100	Horizontal	Pass
4	7600.500	53.79	74.0	20.21	Peak	190.00	200	Horizontal	Pass
4**	7600.500	44.24	54.0	9.76	AV	190.00	200	Horizontal	Pass
5	12502.525	53.66	74.0	20.34	Peak	224.00	400	Horizontal	Pass
5**	12502.525	44.46	54.0	9.54	AV	224.00	400	Horizontal	Pass
6	17109.338	55.22	74.0	18.78	Peak	171.00	400	Horizontal	Pass
6**	17109.338	46.11	54.0	7.89	AV	171.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	42.94	74.0	31.06	Peak	149.00	400	Vertical	Pass
1**	1332.500	38.29	54.0	15.71	AV	149.00	400	Vertical	Pass
2	2428.000	99.86	74.0	-25.86	Peak	149.00	150	Vertical	N/A
2**	2428.000	88.55	54.0	-34.55	AV	149.00	150	Vertical	N/A
3	4840.500	52.66	74.0	21.34	Peak	94.00	100	Vertical	Pass
3**	4840.500	50.58	54.0	3.42	AV	94.00	100	Vertical	Pass
4	7761.250	53.55	74.0	20.45	Peak	115.00	400	Vertical	Pass
4**	7761.250	43.63	54.0	10.37	AV	115.00	400	Vertical	Pass
5	12411.563	53.46	74.0	20.54	Peak	215.00	200	Vertical	Pass
5**	12411.563	43.82	54.0	10.18	AV	215.00	200	Vertical	Pass
6	17119.838	55.15	74.0	18.85	Peak	283.00	100	Vertical	Pass
6**	17119.838	45.78	54.0	8.22	AV	283.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.100	41.88	74.0	32.12	Peak	0.00	100	Horizontal	Pass
1**	1577.100	32.20	54.0	21.80	AV	0.00	100	Horizontal	Pass
2	2435.700	95.57	74.0	-21.57	Peak	138.00	100	Horizontal	N/A
2**	2435.700	87.02	54.0	-33.02	AV	138.00	100	Horizontal	N/A
3	4872.000	49.03	74.0	24.97	Peak	190.00	100	Horizontal	Pass
3**	4872.000	45.41	54.0	8.59	AV	190.00	100	Horizontal	Pass
4	7932.000	54.01	74.0	19.99	Peak	327.00	400	Horizontal	Pass
4**	7932.000	45.03	54.0	8.97	AV	327.00	400	Horizontal	Pass
5	12990.188	53.17	74.0	20.83	Peak	195.00	300	Horizontal	Pass
5**	12990.188	43.39	54.0	10.61	AV	195.00	300	Horizontal	Pass
6	17007.750	55.27	74.0	18.73	Peak	94.00	100	Horizontal	Pass
6**	17007.750	45.72	54.0	8.28	AV	94.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	44.48	74.0	29.52	Peak	200.00	100	Vertical	Pass
1**	1330.100	35.33	54.0	18.67	AV	200.00	100	Vertical	Pass
2	2433.800	100.00	74.0	-26.00	Peak	174.00	150	Vertical	N/A
2**	2433.800	90.19	54.0	-36.19	AV	174.00	150	Vertical	N/A
3	4875.750	51.83	74.0	22.17	Peak	93.00	100	Vertical	Pass
3**	4875.750	48.51	54.0	5.49	AV	93.00	100	Vertical	Pass
4	7934.750	54.77	74.0	19.23	Peak	266.00	200	Vertical	Pass
4**	7934.750	46.21	54.0	7.79	AV	266.00	200	Vertical	Pass
5	12482.338	52.86	74.0	21.14	Peak	199.00	300	Vertical	Pass
5**	12482.338	44.45	54.0	9.55	AV	199.00	300	Vertical	Pass
6	17424.863	55.69	74.0	18.31	Peak	0.00	100	Vertical	Pass
6**	17424.863	45.48	54.0	8.52	AV	0.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.000	42.96	74.0	31.04	Peak	254.00	400	Horizontal	Pass
1**	1000.000	37.77	54.0	16.23	AV	254.00	400	Horizontal	Pass
2	2445.800	94.74	74.0	-20.74	Peak	165.00	200	Horizontal	N/A
2**	2445.800	85.27	54.0	-31.27	AV	165.00	200	Horizontal	N/A
3	4902.250	50.92	74.0	23.08	Peak	108.00	200	Horizontal	Pass
3**	4902.250	41.43	54.0	12.57	AV	108.00	200	Horizontal	Pass
4	7928.500	53.48	74.0	20.52	Peak	147.00	300	Horizontal	Pass
4**	7928.500	45.69	54.0	8.31	AV	147.00	300	Horizontal	Pass
5	12513.925	53.36	74.0	20.64	Peak	193.00	100	Horizontal	Pass
5**	12513.925	44.12	54.0	9.88	AV	193.00	100	Horizontal	Pass
6	17026.125	55.06	74.0	18.94	Peak	306.00	300	Horizontal	Pass
6**	17026.125	46.50	54.0	7.50	AV	306.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	44.20	74.0	29.80	Peak	205.00	100	Vertical	Pass
1**	1330.800	36.82	54.0	17.18	AV	205.00	100	Vertical	Pass
2	2446.400	98.80	74.0	-24.80	Peak	63.00	100	Vertical	N/A
2**	2446.400	90.61	54.0	-36.61	AV	63.00	100	Vertical	N/A
3	4890.750	56.26	74.0	17.74	Peak	176.00	100	Vertical	Pass
3**	4890.750	47.75	54.0	6.25	AV	176.00	100	Vertical	Pass
4	4891.000	52.15	74.0	21.85	Peak	176.00	150	Vertical	Pass
4**	4891.000	49.15	54.0	4.85	AV	176.00	150	Vertical	Pass
5	12500.388	53.57	74.0	20.43	Peak	144.00	150	Vertical	Pass
5**	12500.388	44.41	54.0	9.59	AV	144.00	150	Vertical	Pass
6	17070.224	55.65	74.0	18.35	Peak	358.00	400	Vertical	Pass
6**	17070.224	44.96	54.0	9.04	AV	358.00	400	Vertical	Pass

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

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

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

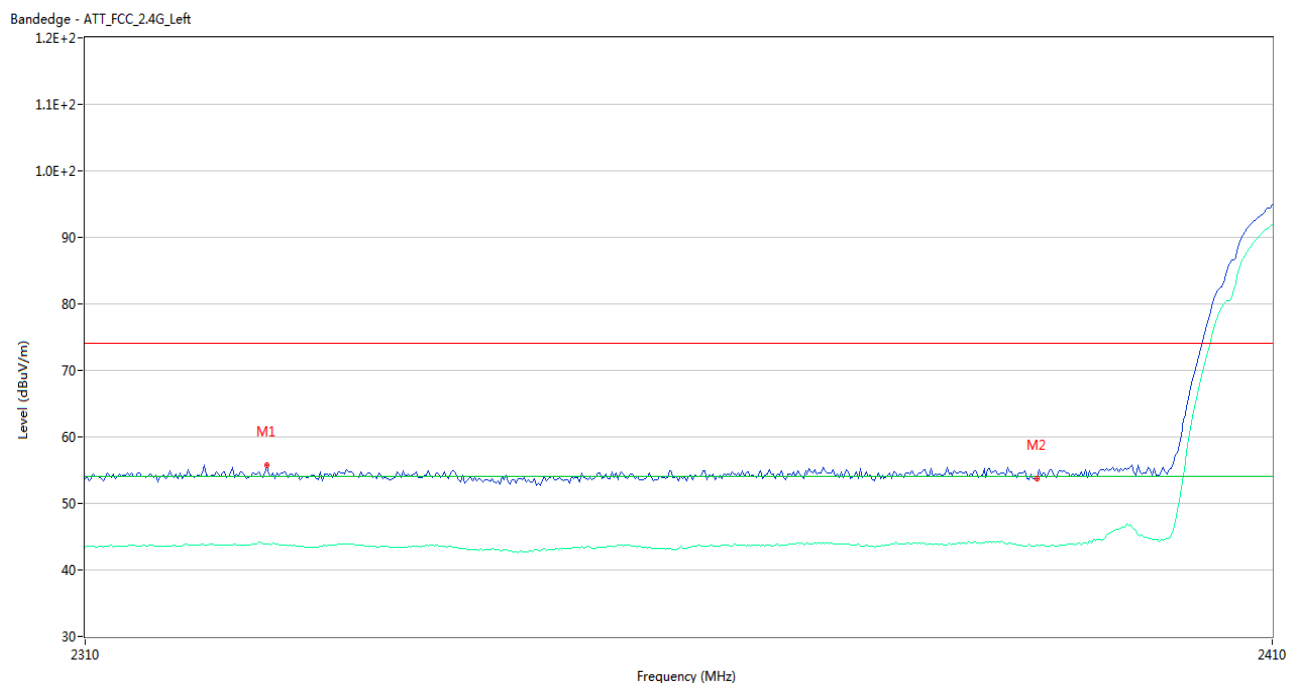
Note ³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: The Level (dBuV/m) has been corrected by factor.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

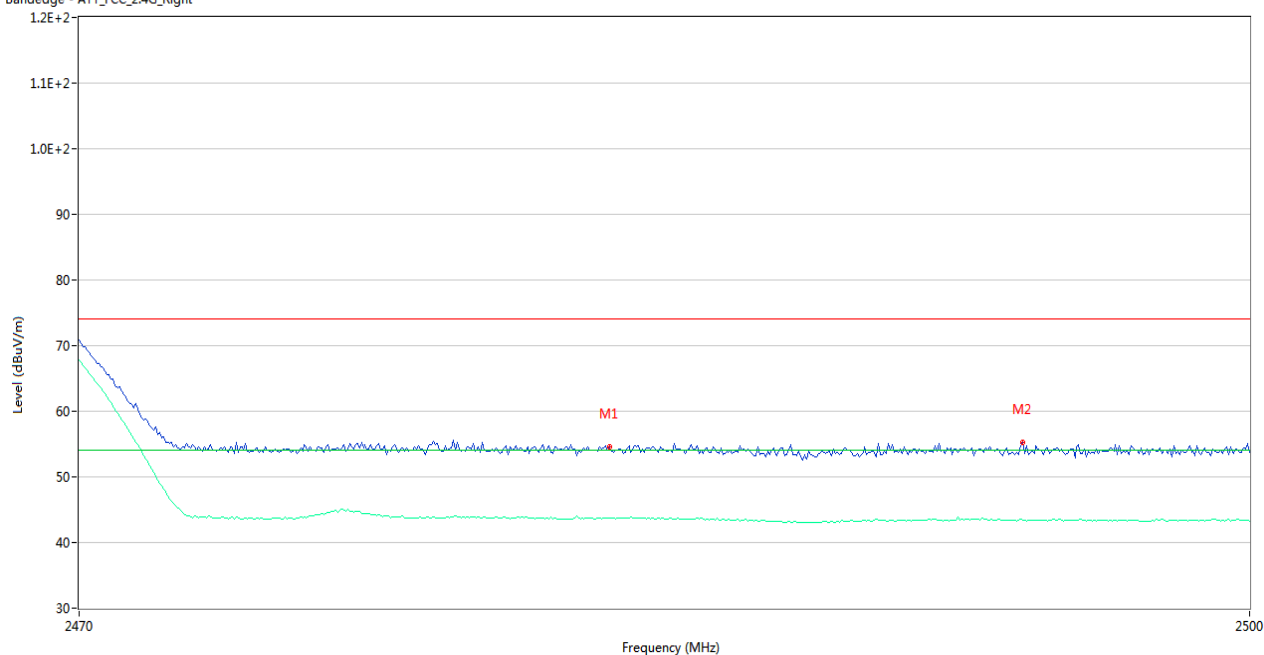
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2325.000	55.77	74.0	18.23	Peak	0.00	200	Vertical	Pass
1**	2325.000	43.83	54.0	10.17	AV	0.00	200	Vertical	Pass
2	2389.833	53.73	74.0	20.27	Peak	165.00	150	Vertical	Pass
2**	2389.833	43.65	54.0	10.35	AV	165.00	150	Vertical	Pass

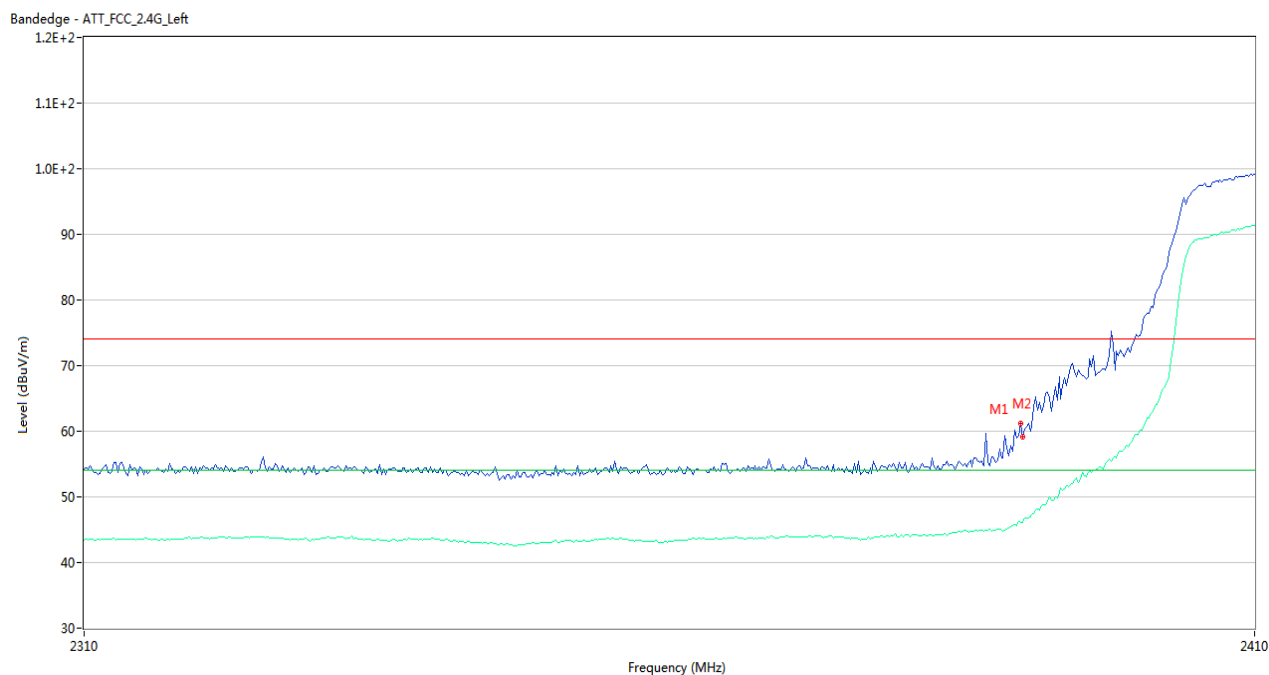
802.11b HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	54.61	74.0	19.39	Peak	113.00	100	Vertical	Pass
1**	2483.550	43.76	54.0	10.24	AV	113.00	100	Vertical	Pass
2	2494.150	55.30	74.0	18.70	Peak	156.00	100	Vertical	Pass
2**	2494.150	43.32	54.0	10.68	AV	156.00	100	Vertical	Pass

802.11g LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	61.24	74.0	12.76	Peak	38.00	150	Vertical	Pass
1**	2389.667	46.03	54.0	7.97	AV	38.00	150	Vertical	Pass
2	2389.833	59.18	74.0	14.82	Peak	0.00	200	Vertical	Pass
2**	2389.833	46.11	54.0	7.89	AV	0.00	200	Vertical	Pass

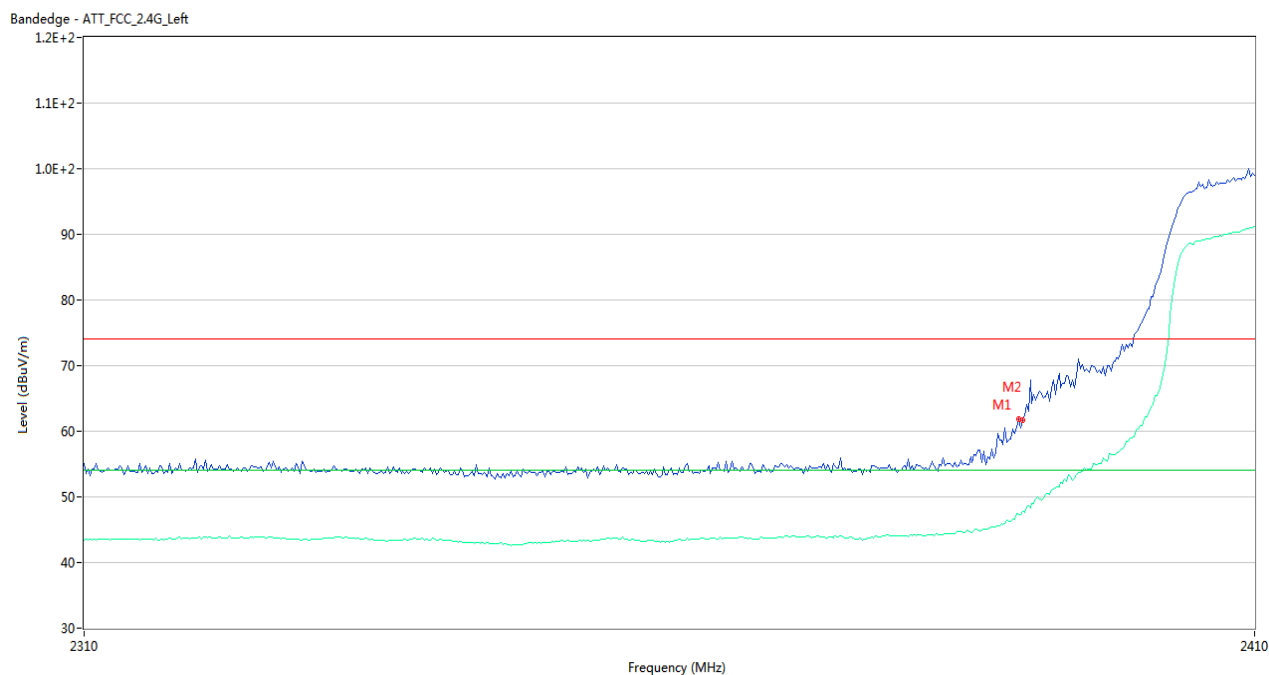
802.11g HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	66.50	74.0	7.50	Peak	34.00	150	Vertical	Pass
1**	2483.550	50.35	54.0	3.65	AV	34.00	150	Vertical	Pass
2	2484.200	65.68	74.0	8.32	Peak	23.00	100	Vertical	Pass
2**	2484.200	48.95	54.0	5.05	AV	23.00	100	Vertical	Pass

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	61.81	74.0	12.19	Peak	30.00	150	Vertical	Pass
1**	2389.500	47.24	54.0	6.76	AV	30.00	150	Vertical	Pass
2	2389.833	61.74	74.0	12.26	Peak	41.00	150	Vertical	Pass
2**	2389.833	47.88	54.0	6.12	AV	41.00	150	Vertical	Pass

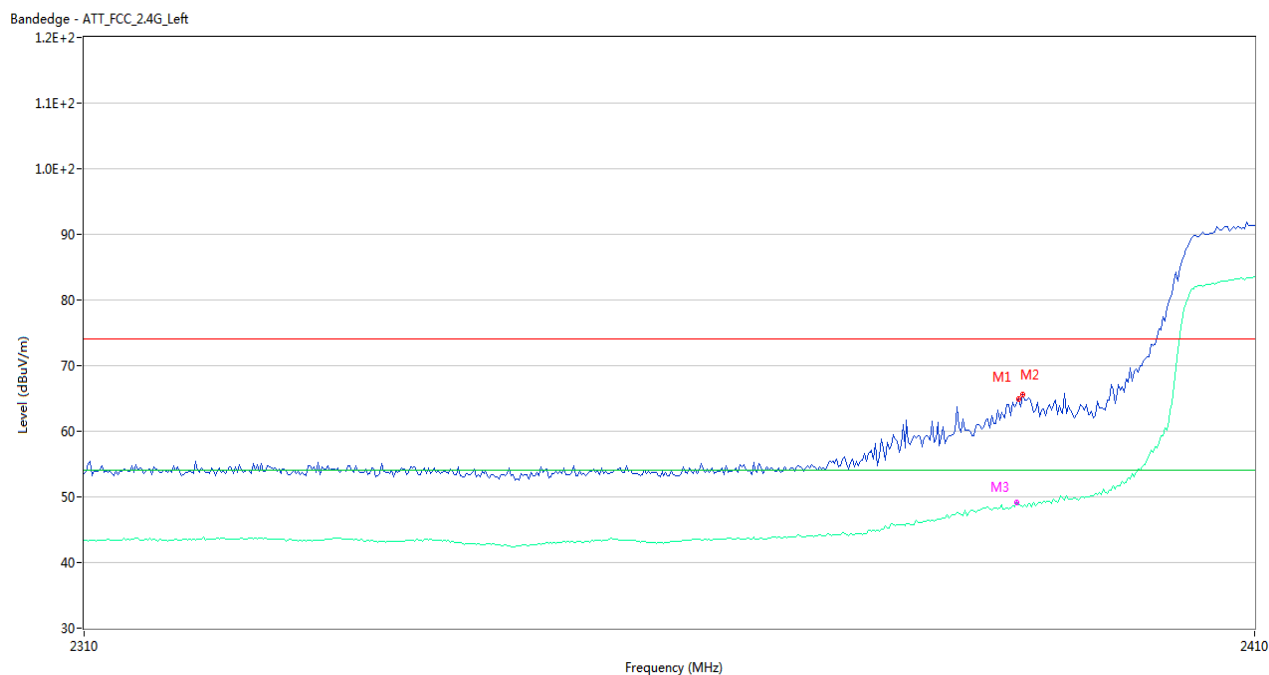
802.11n20 HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.59	74.0	6.41	Peak	32.00	150	Vertical	Pass
1**	2483.500	50.13	54.0	3.87	AV	32.00	150	Vertical	Pass
2	2483.900	66.97	74.0	7.03	Peak	42.00	200	Vertical	Pass
2**	2483.900	50.03	54.0	3.97	AV	42.00	200	Vertical	Pass

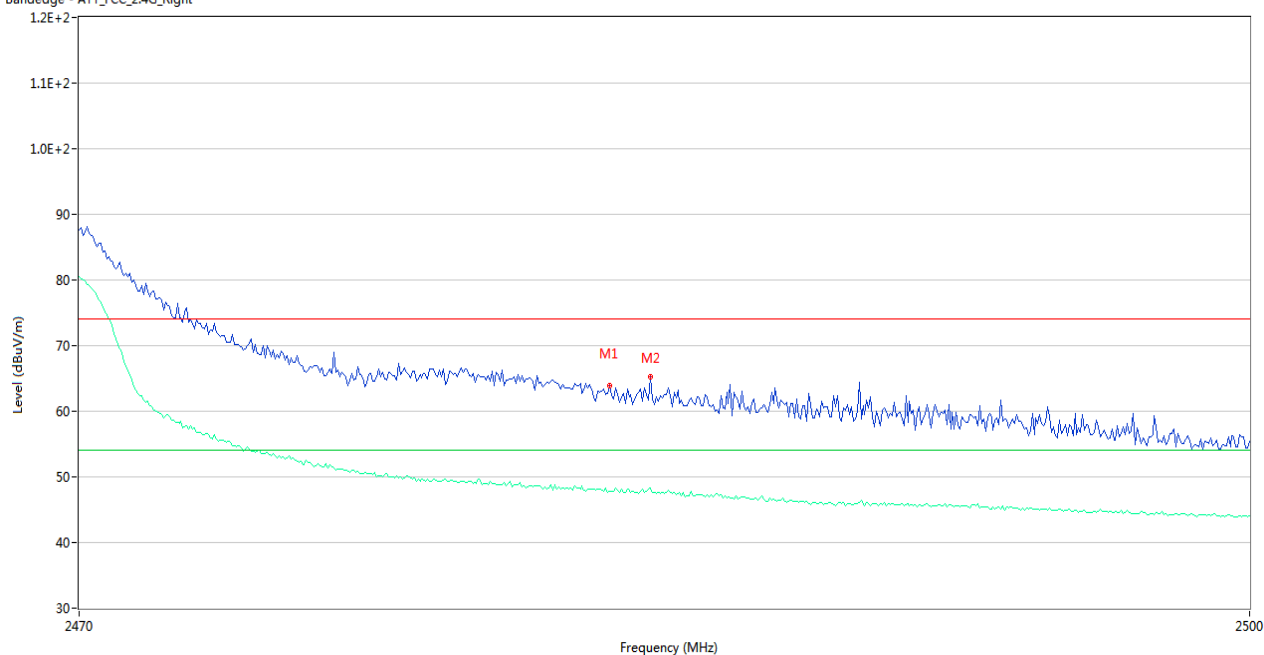
802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	64.85	74.0	9.15	Peak	35.00	150	Vertical	Pass
1**	2389.500	48.77	54.0	5.23	AV	35.00	150	Vertical	Pass
2	2389.833	65.60	74.0	8.40	Peak	35.00	100	Vertical	Pass
2**	2389.833	48.49	54.0	5.51	AV	35.00	100	Vertical	Pass
3	2389.333	64.18	74.0	9.82	Peak	33.00	150	Vertical	Pass
3**	2389.333	49.11	54.0	4.89	AV	33.00	150	Vertical	Pass

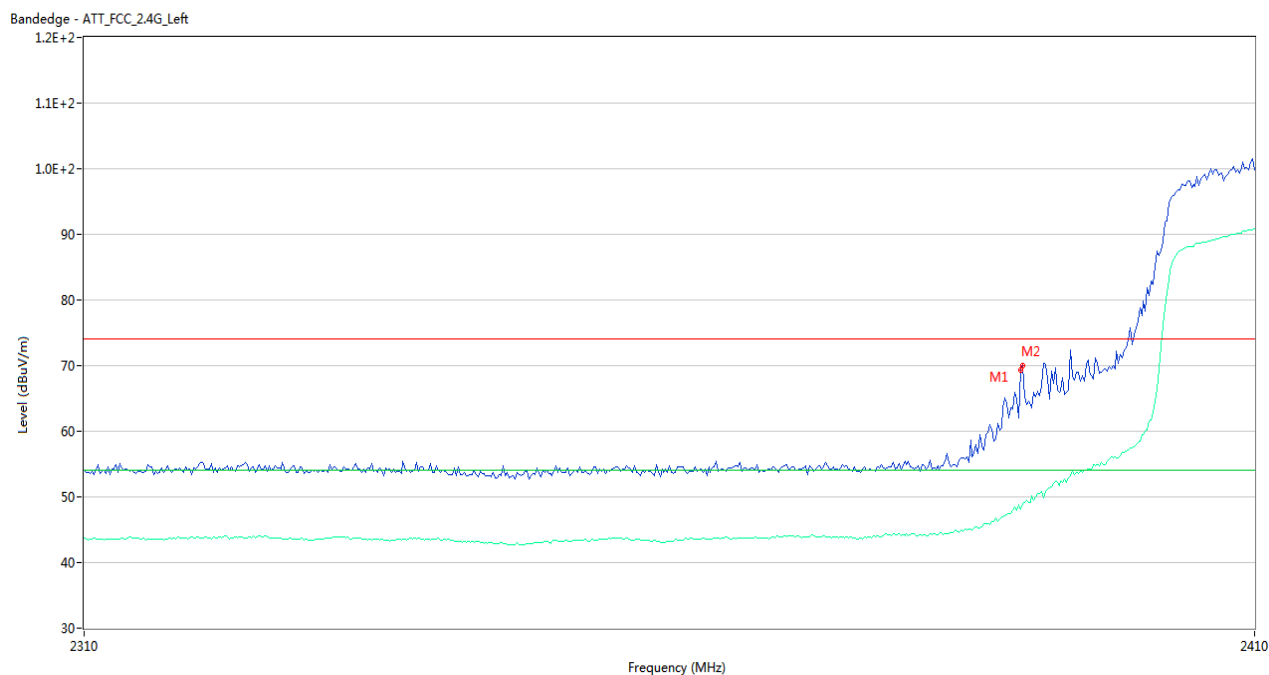
802.11n40 HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



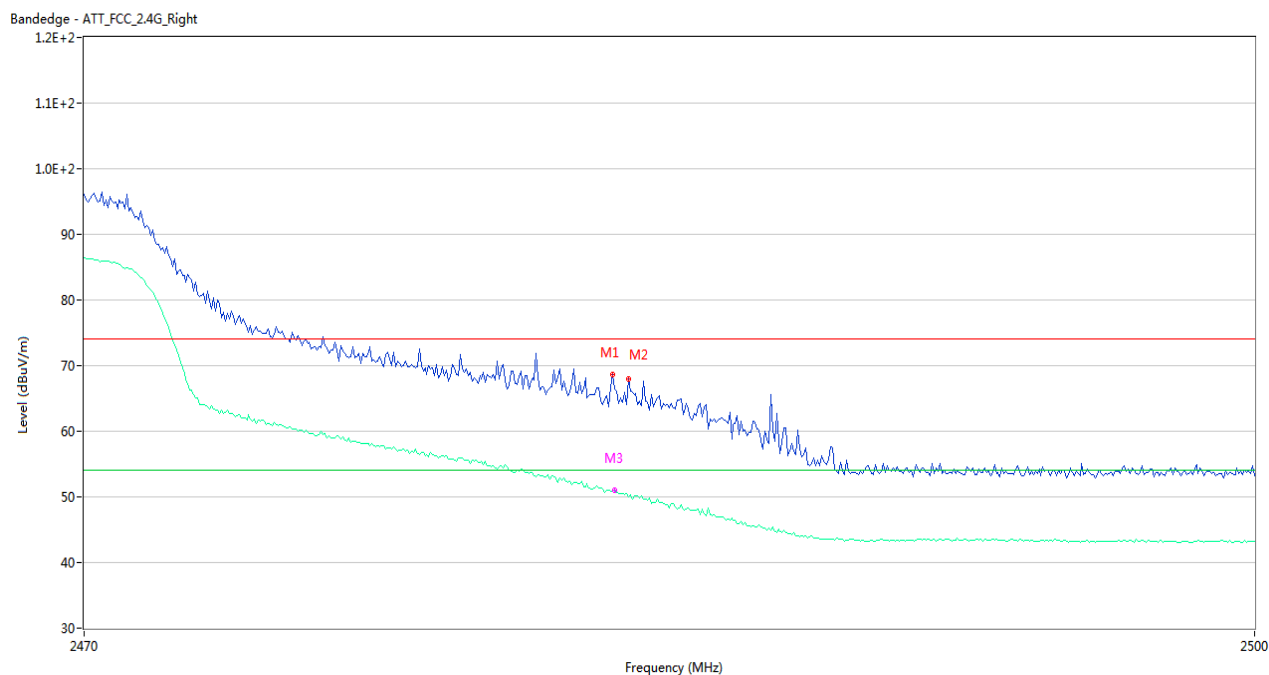
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	63.82	74.0	10.18	Peak	57.00	200	Vertical	Pass
1**	2483.550	47.83	54.0	6.17	AV	57.00	200	Vertical	Pass
2	2484.600	65.17	74.0	8.83	Peak	48.00	100	Vertical	Pass
2**	2484.600	48.29	54.0	5.71	AV	48.00	100	Vertical	Pass

802.11ax20(SU) LOW CHANNEL



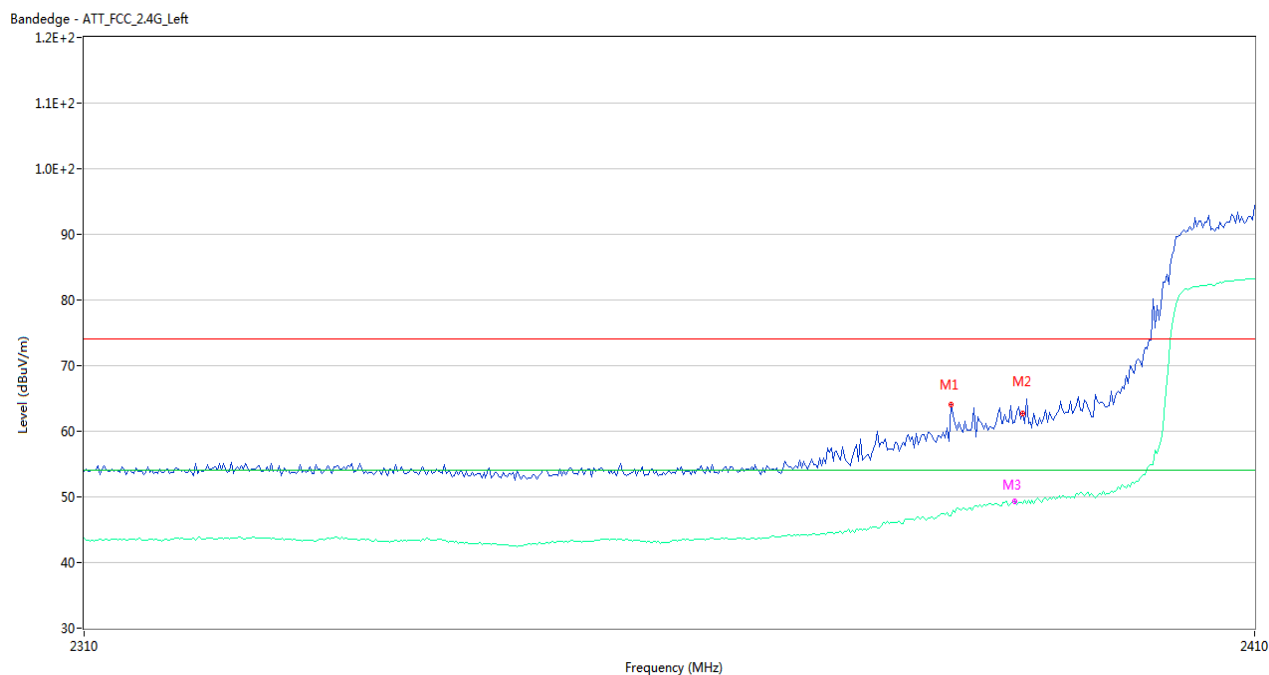
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	69.38	74.0	4.62	Peak	304.00	100	Vertical	Pass
1**	2389.667	48.11	54.0	5.89	AV	304.00	100	Vertical	Pass
2	2389.833	69.96	74.0	4.04	Peak	31.00	150	Vertical	Pass
2**	2389.833	48.93	54.0	5.07	AV	31.00	150	Vertical	Pass

802.11ax20(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.59	74.0	5.41	Peak	318.00	100	Vertical	Pass
1**	2483.500	50.86	54.0	3.14	AV	318.00	100	Vertical	Pass
2	2483.900	68.05	74.0	5.95	Peak	49.00	200	Vertical	Pass
2**	2483.900	50.03	54.0	3.97	AV	49.00	200	Vertical	Pass
3	2483.550	66.41	74.0	7.59	Peak	52.00	150	Vertical	Pass
3**	2483.550	50.99	54.0	3.01	AV	52.00	150	Vertical	Pass

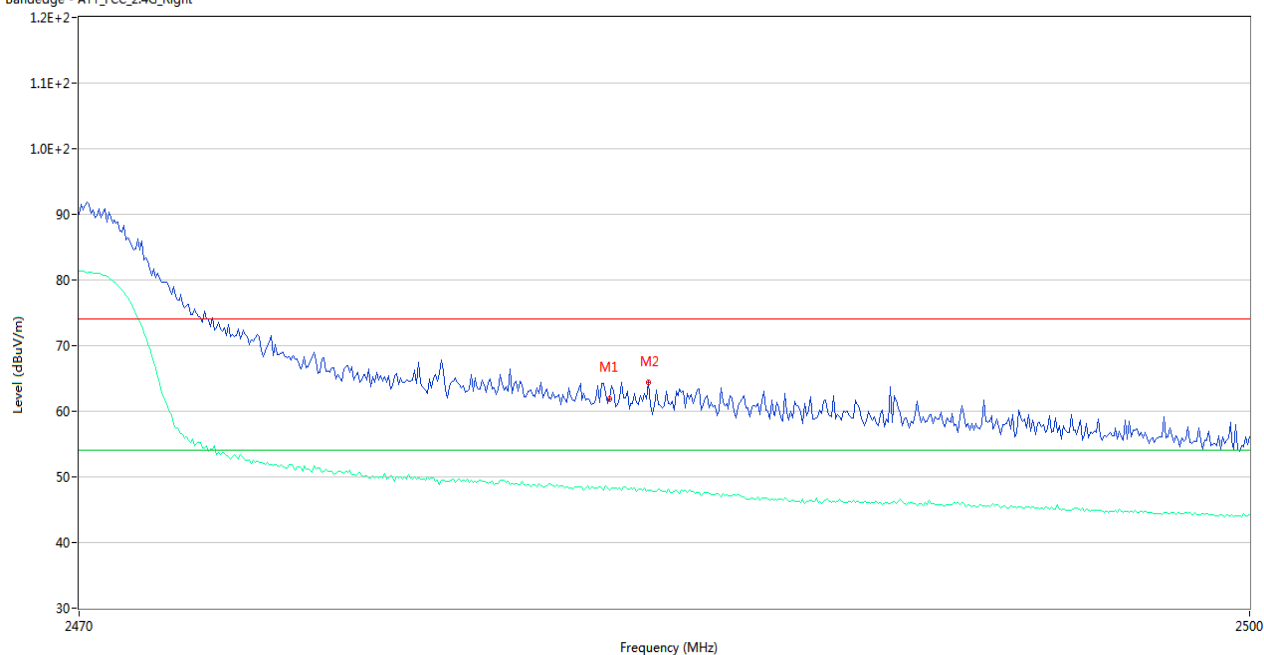
802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.667	63.99	74.0	10.01	Peak	50.00	150	Vertical	Pass
1**	2383.667	47.07	54.0	6.93	AV	50.00	150	Vertical	Pass
2	2389.833	62.67	74.0	11.33	Peak	311.00	200	Vertical	Pass
2**	2389.833	49.03	54.0	4.97	AV	311.00	200	Vertical	Pass
3	2389.167	61.41	74.0	12.59	Peak	210.00	150	Vertical	Pass
3**	2389.167	49.33	54.0	4.67	AV	210.00	150	Vertical	Pass

802.11ax40(SU) HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	61.86	74.0	12.14	Peak	10.00	100	Vertical	Pass
1**	2483.550	48.04	54.0	5.96	AV	10.00	100	Vertical	Pass
2	2484.550	64.35	74.0	9.65	Peak	321.00	150	Vertical	Pass
2**	2484.550	47.93	54.0	6.07	AV	321.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.31	8
Middle	-15.55	8
High	-16.38	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.88	8
Middle	-11.15	8
High	-9.08	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.15	8
Middle	-14.85	8
High	-9.87	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.74	8
Middle	-11.68	8
High	-13.51	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.76	8
Middle	-15.93	8
High	-9.29	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.91	8
Middle	-11.96	8
High	-13.89	8

Test Plots

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



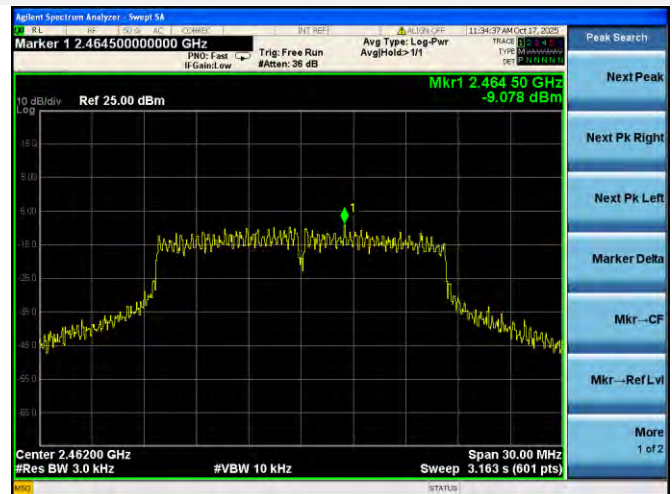
802.11g LOW CHANNEL



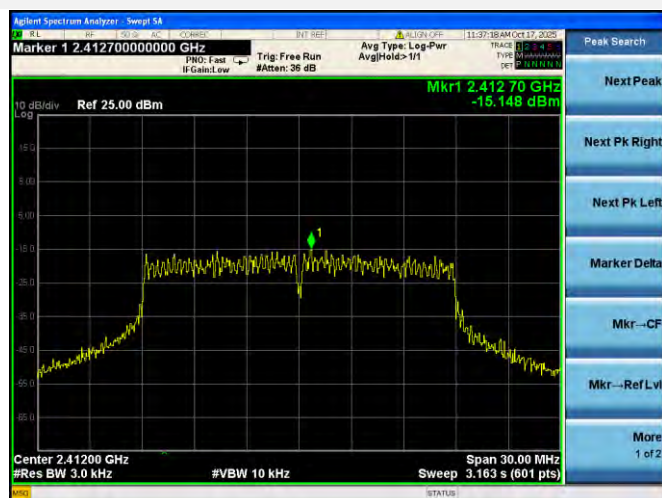
802.11g MIDDLE CHANNEL



802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



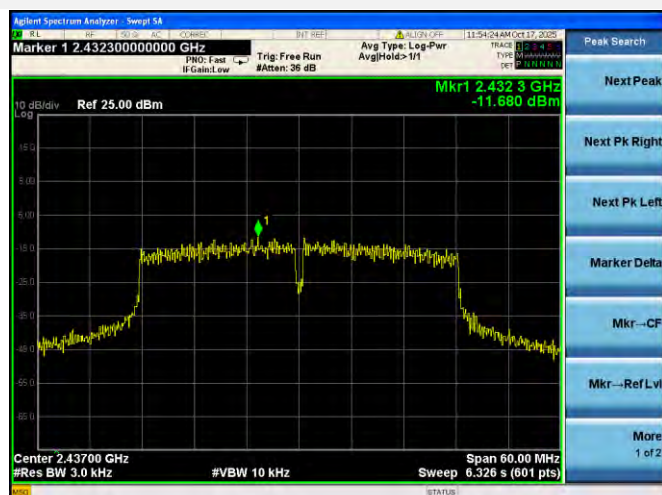
802.11n-20 MHz HIGH CHANNEL



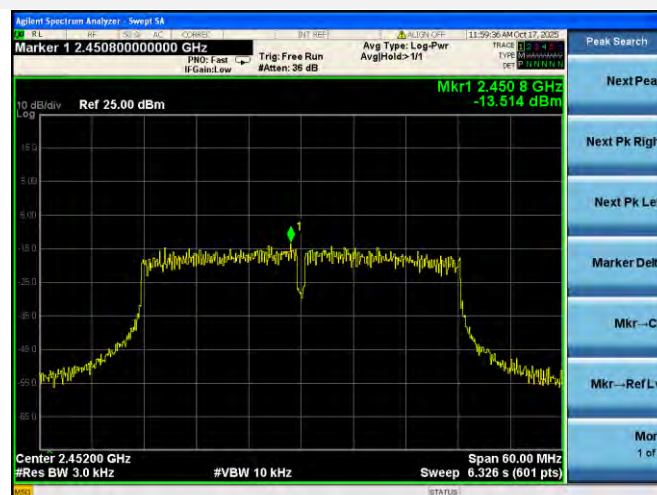
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2591254-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2591254-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2591254-AI.PDF”.

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--END OF REPORT--