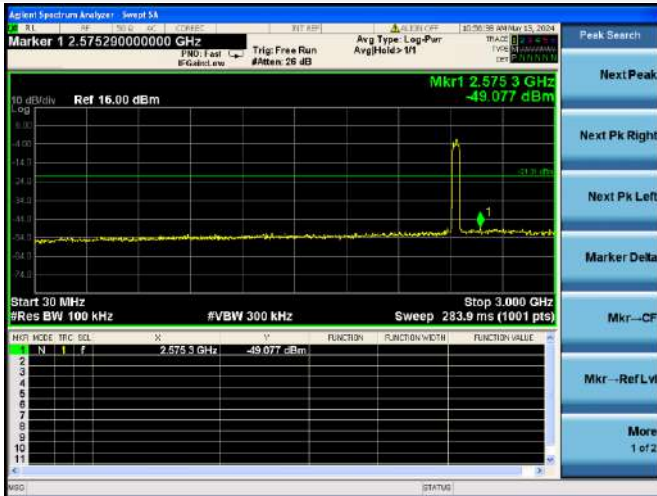
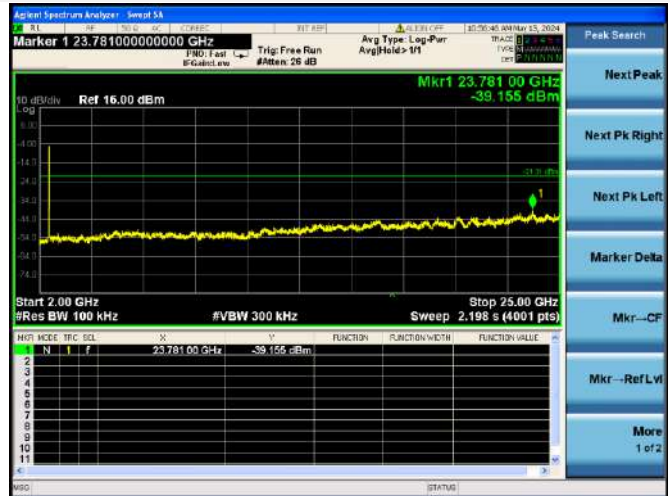


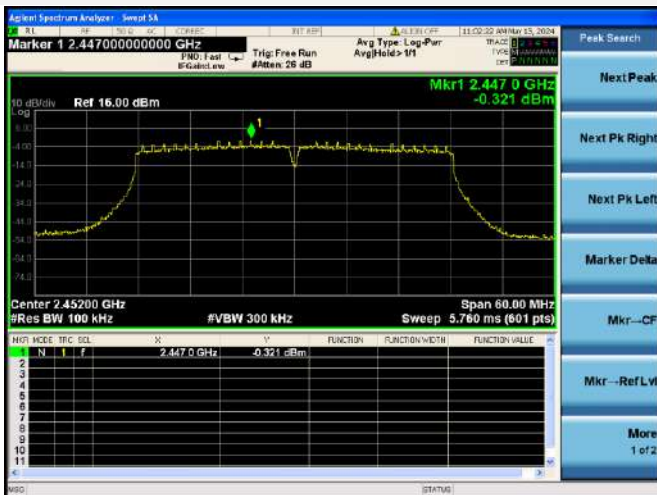
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



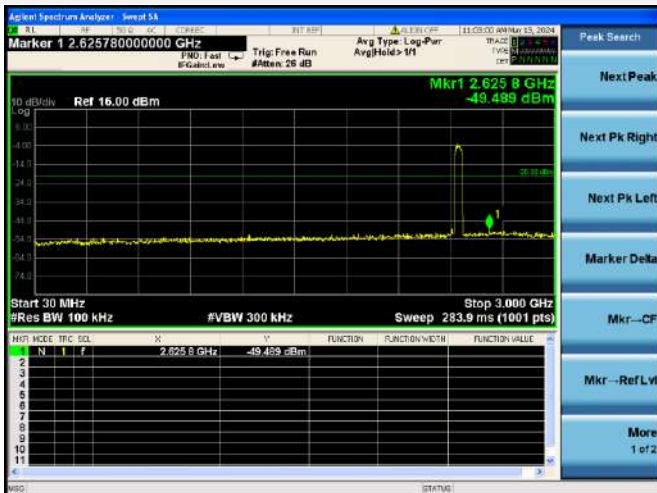
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



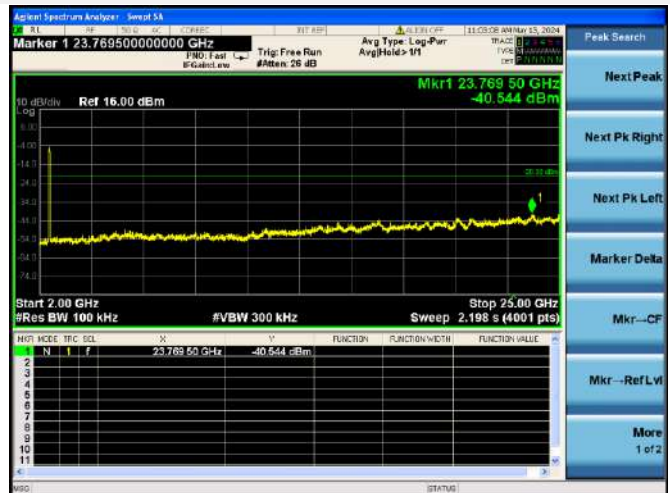
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



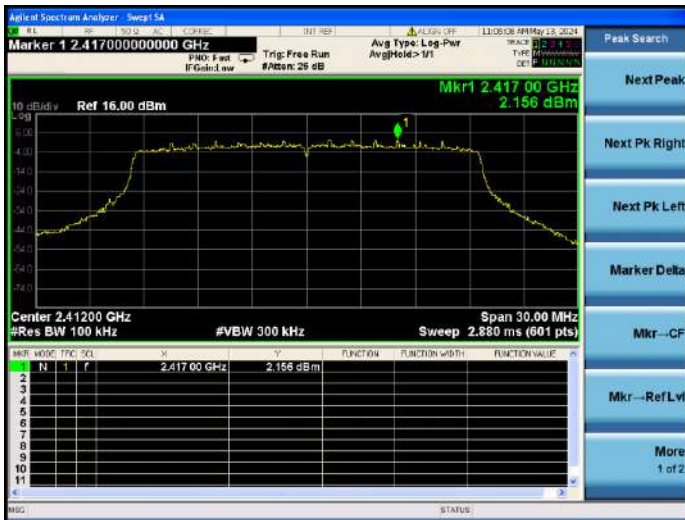
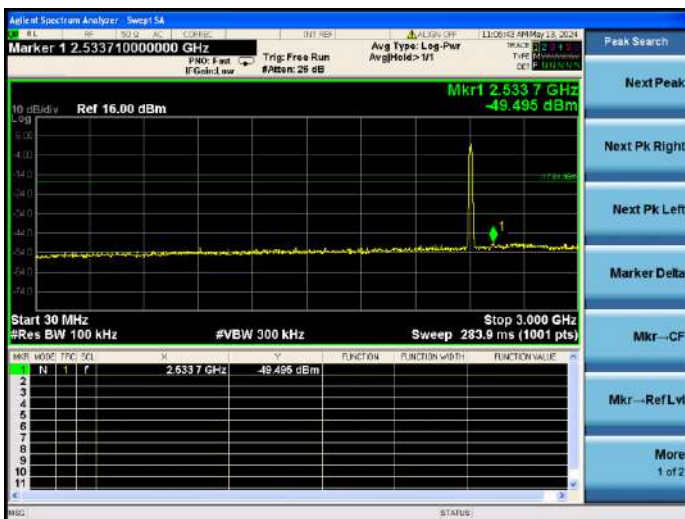
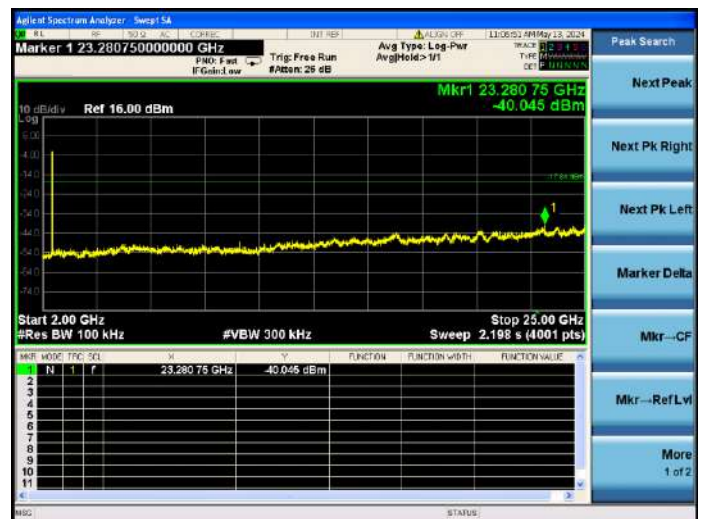
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



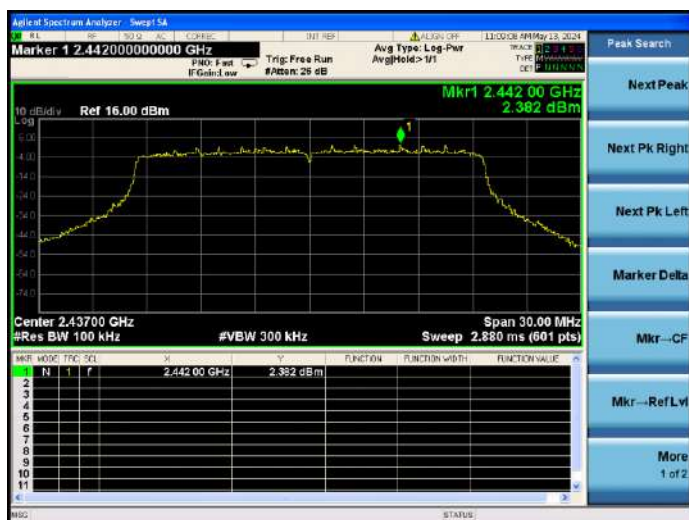
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



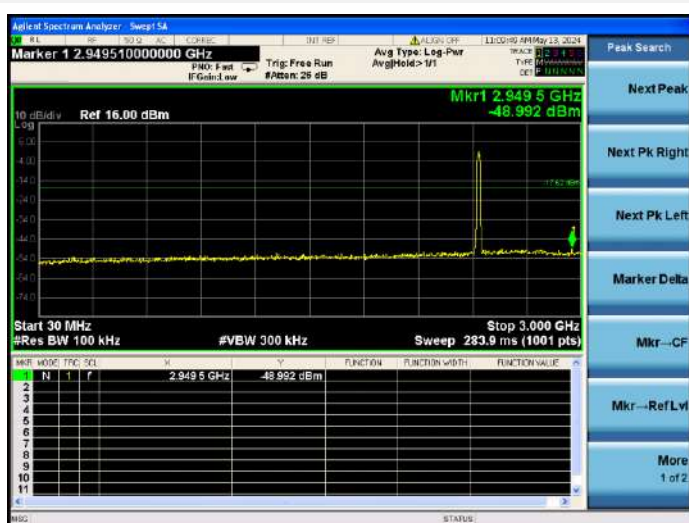
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

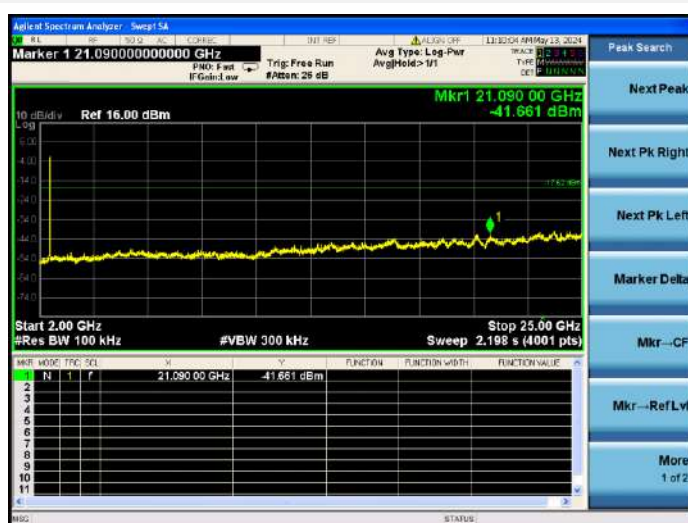
802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



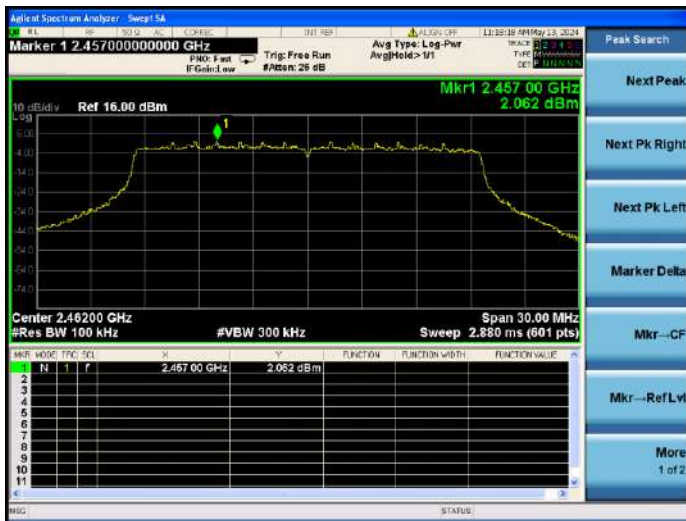
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



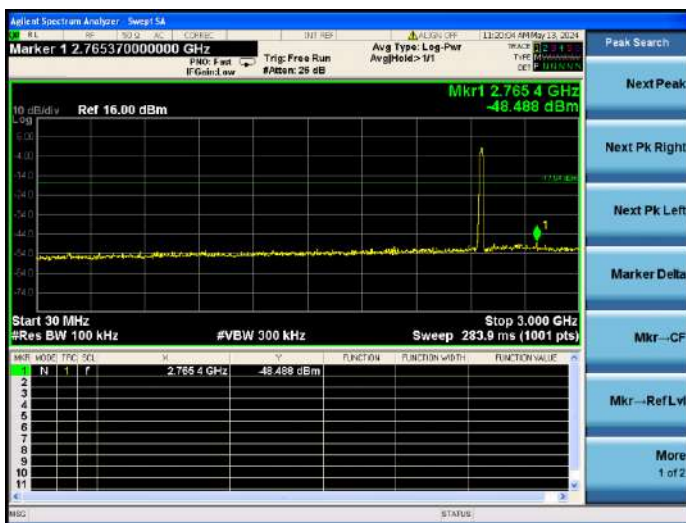
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



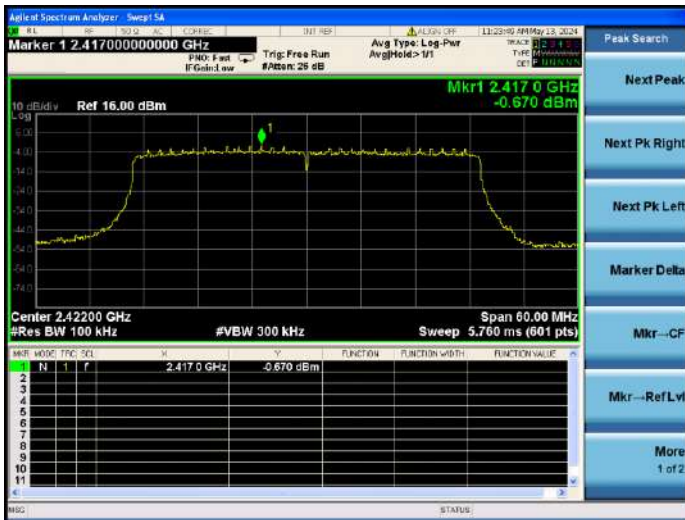
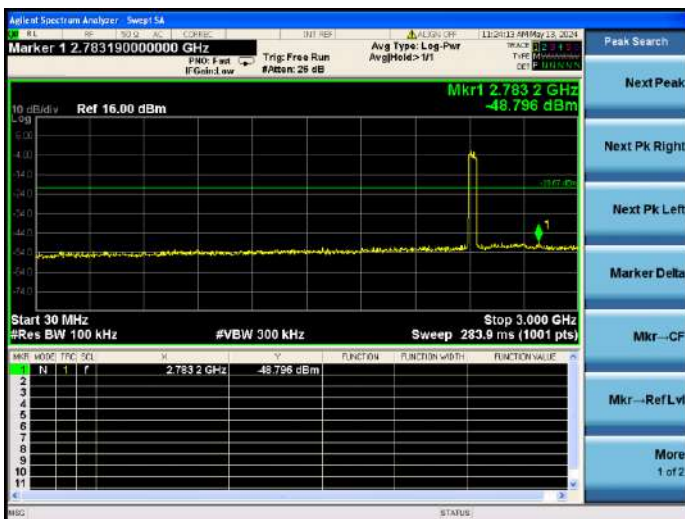
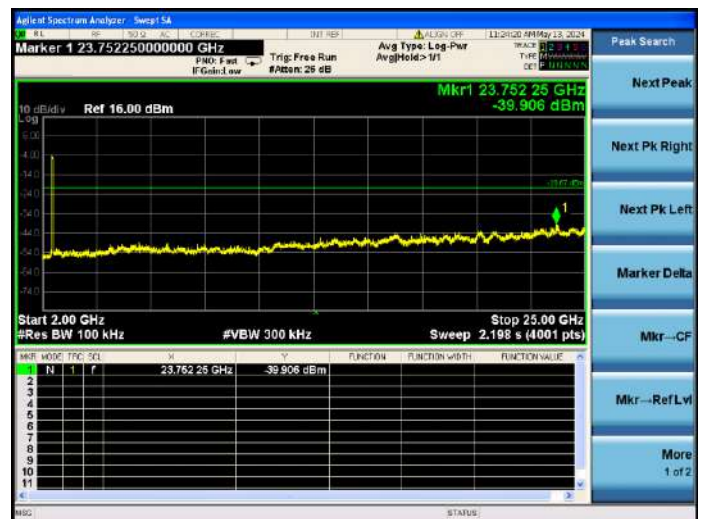
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

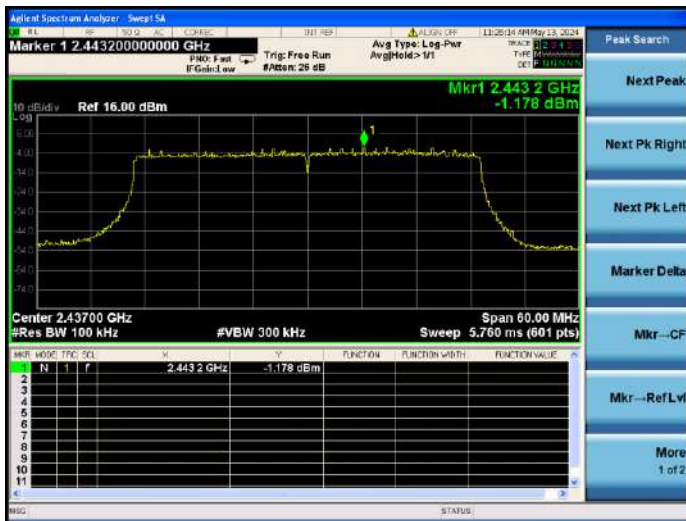
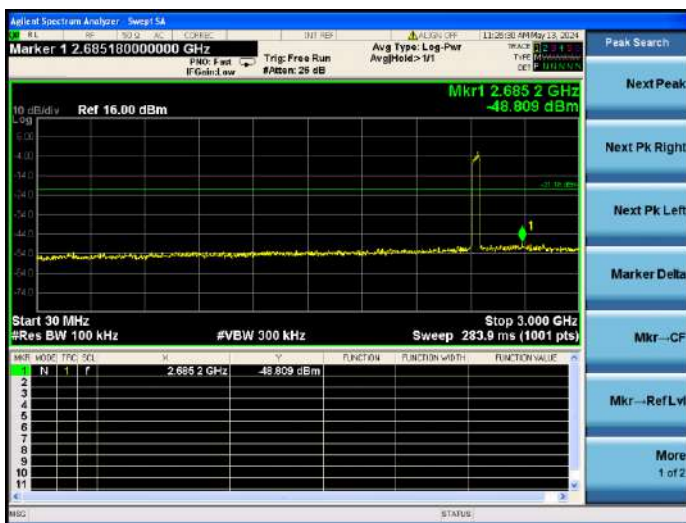
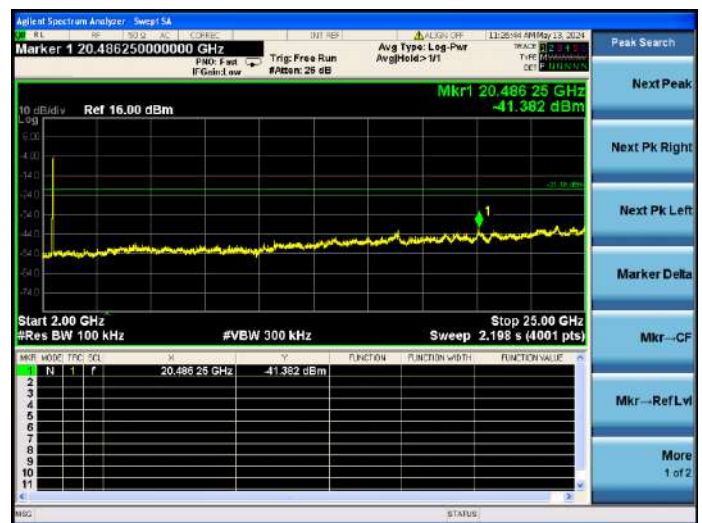


802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

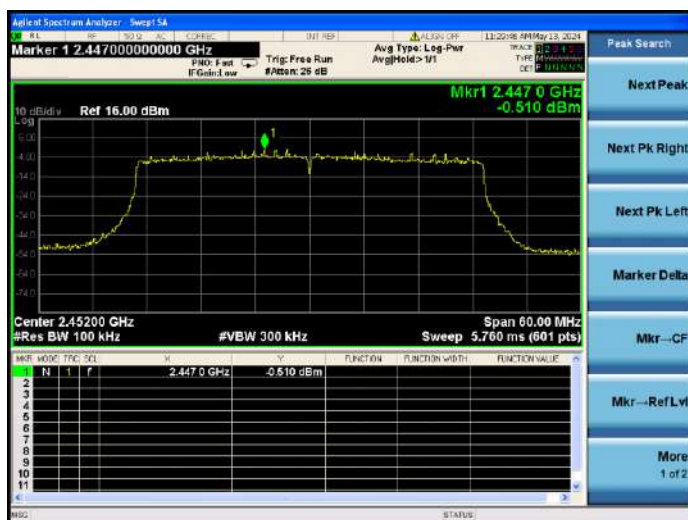


802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL

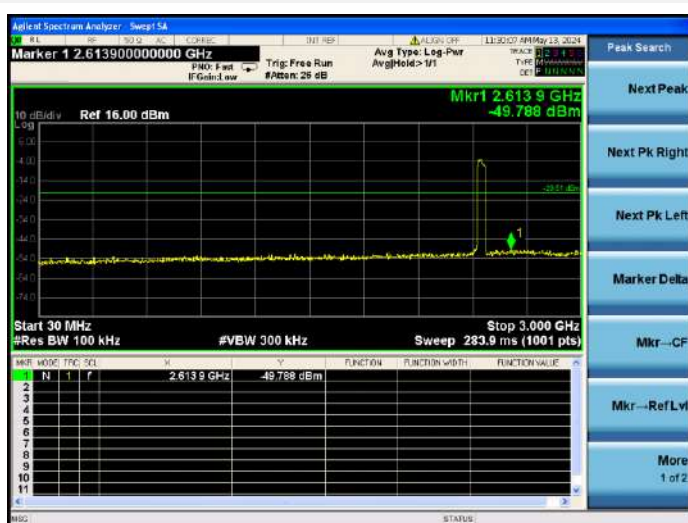
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

802.11ax-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**

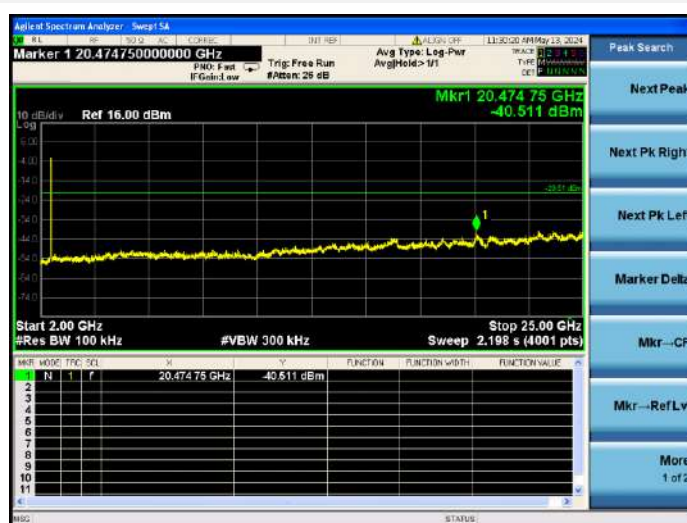
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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 1: All antenna were tested, but only the worst case has been reported in this report.

Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note 3: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 4: The 802.11ax mode of the EUT only support full RU size configuration.

Test Data

MIMO-Antenna 1

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.71	4.89	-15.11	Pass
High Channel	-48.96	3.83	-16.17	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.96	1.99	-18.01	Pass
High Channel	-48.08	2.36	-17.64	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.91	2.46	-17.54	Pass
High Channel	-47.83	2.14	-17.86	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.83	-0.73	-20.73	Pass
High Channel	-47.90	-1.23	-21.23	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	-37.32	1.53	-18.47	Pass
High Channel	-47.61	2.14	-17.86	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	-42.46	-1.34	-21.34	Pass
High Channel	-48.40	-0.95	-20.95	Pass

MIMO-Antenna 2

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.32	3.73	-16.27	Pass
High Channel	-48.27	3.61	-16.39	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.63	2.12	-17.88	Pass
High Channel	-48.46	2.14	-17.86	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.23	2.39	-17.61	Pass
High Channel	-47.63	2.24	-17.76	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.88	-0.74	-20.74	Pass
High Channel	-47.78	-0.32	-20.32	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	-38.10	2.16	-17.84	Pass
High Channel	-48.25	2.06	-17.94	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	-44.13	-0.67	-20.67	Pass
High Channel	-48.13	-0.51	-20.51	Pass

Test Plots

MIMO-Antenna 1

802.11b LOW CHANNEL, CARRIER LEVEL



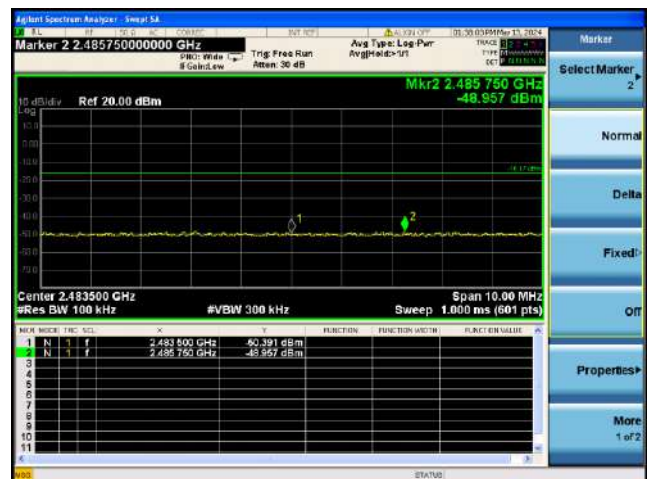
802.11b LOW CHANNEL, BAND EDGE



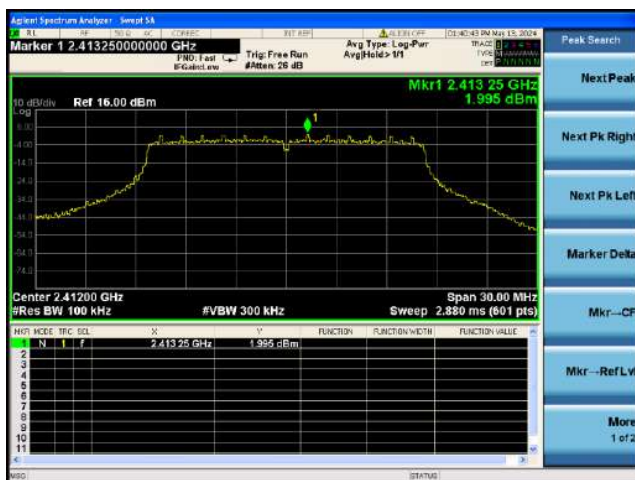
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



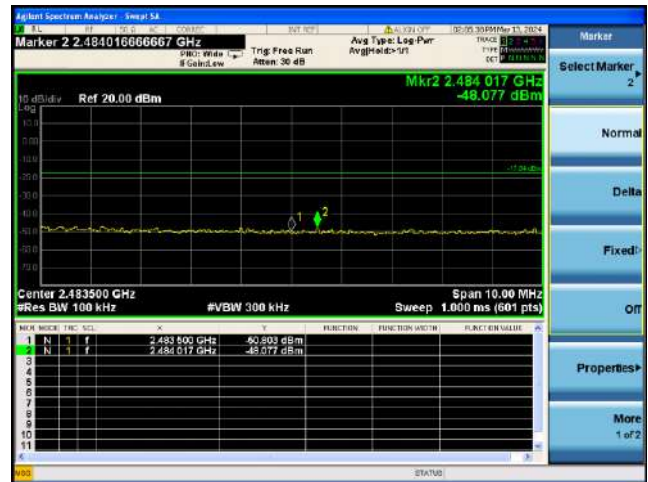
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



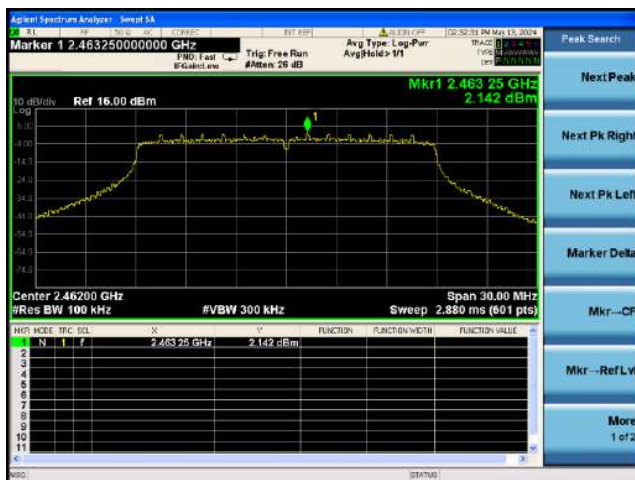
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



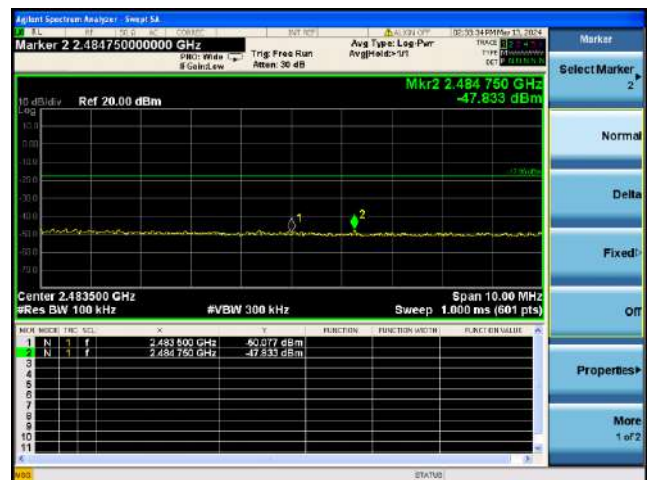
802.11n-20 MHz LOW CHANNEL, BAND EDGE



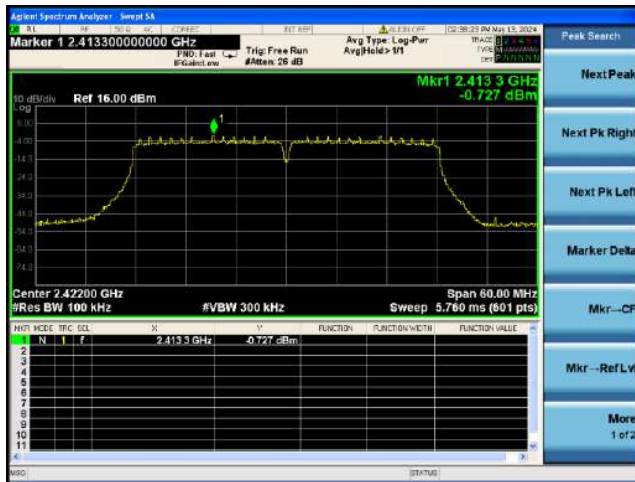
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



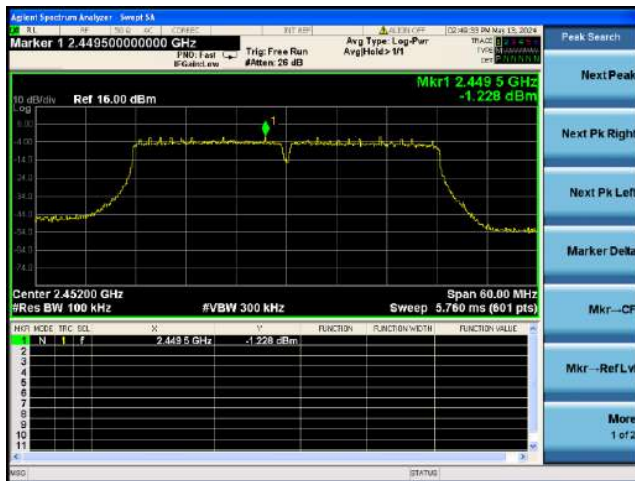
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



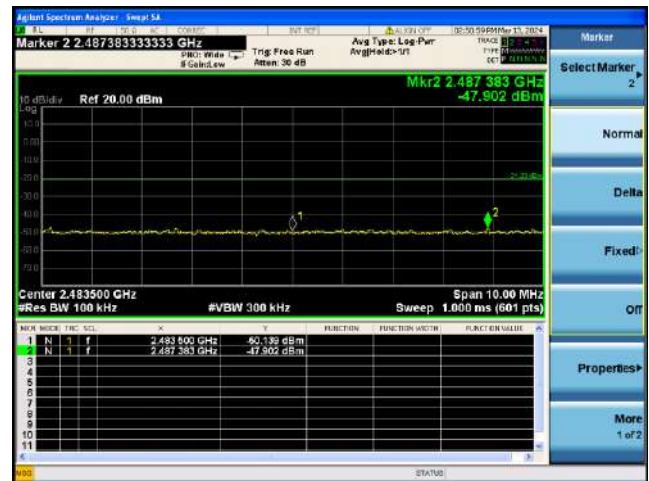
802.11n-40 MHz LOW CHANNEL, BAND EDGE



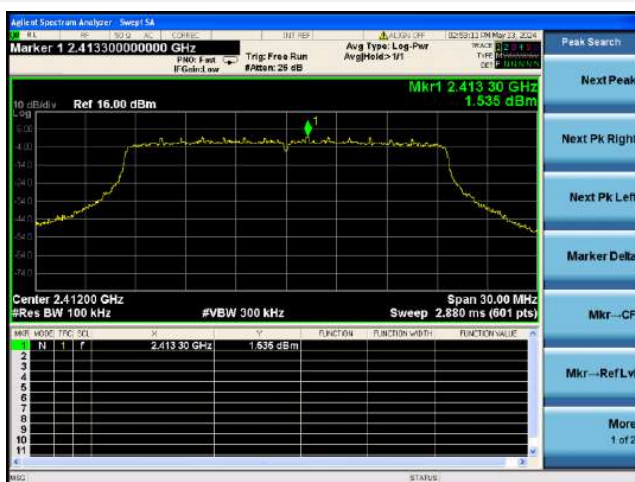
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



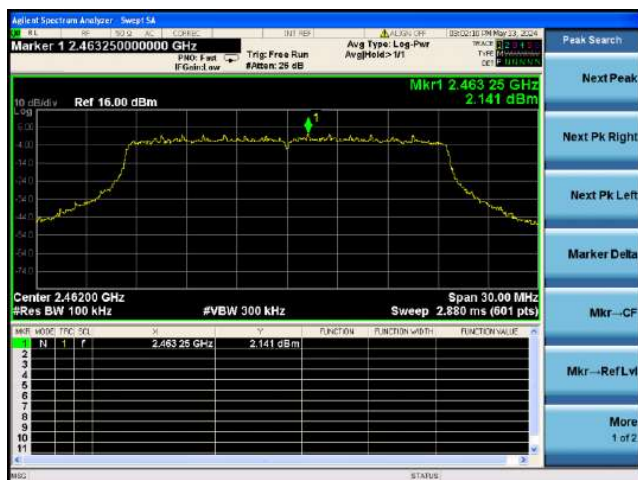
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



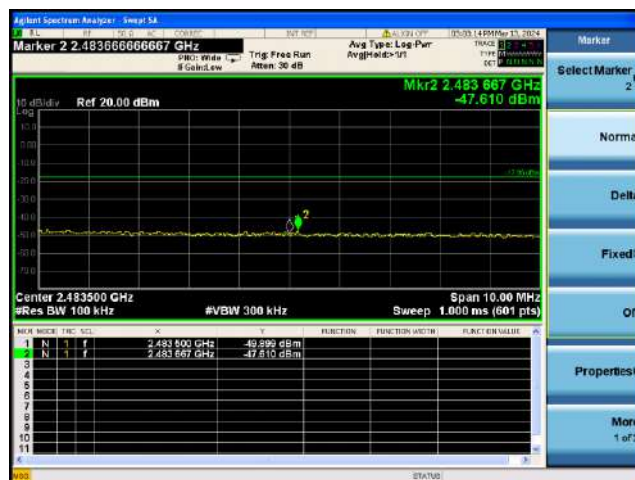
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



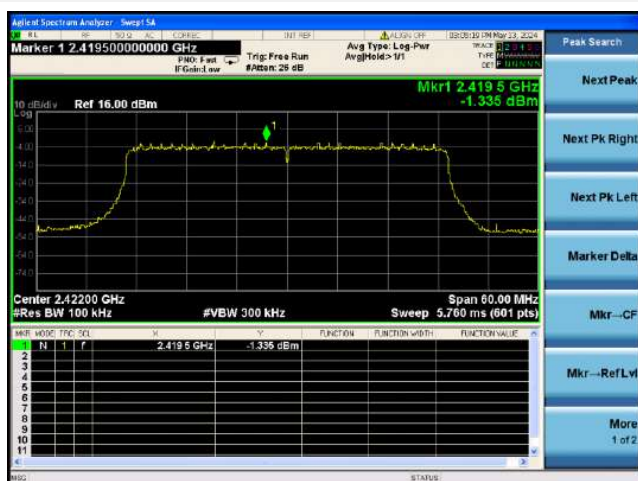
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



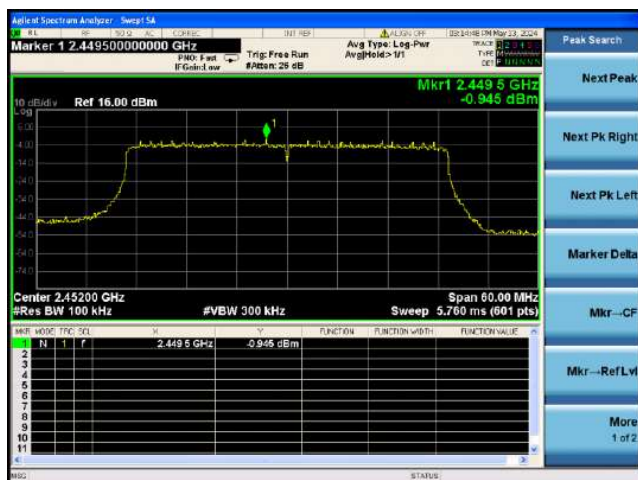
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



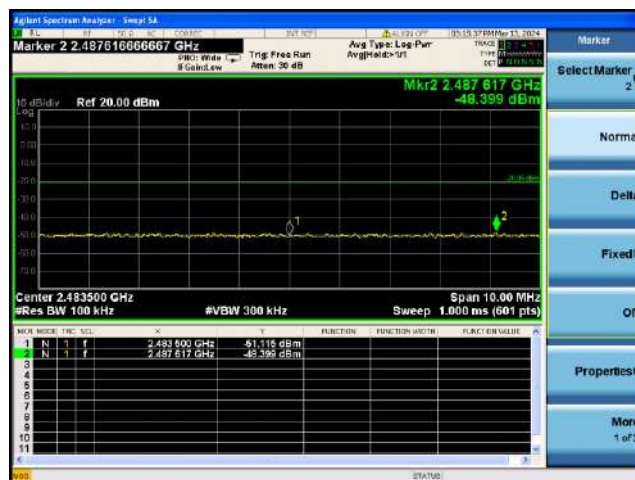
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



MIMO-Antenna 2

802.11b LOW CHANNEL, CARRIER LEVEL



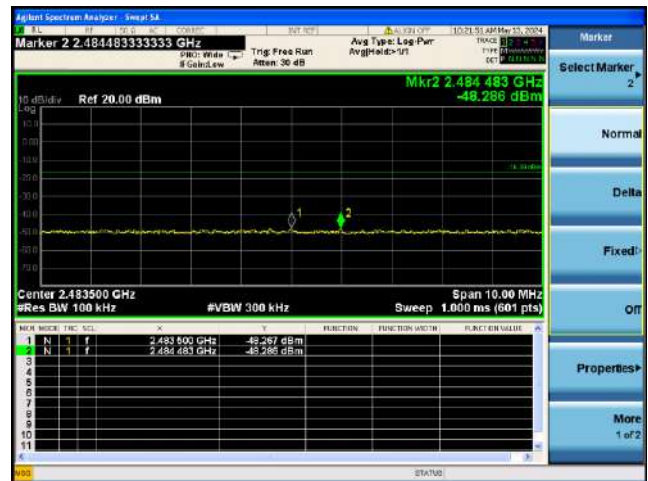
802.11b LOW CHANNEL, BAND EDGE



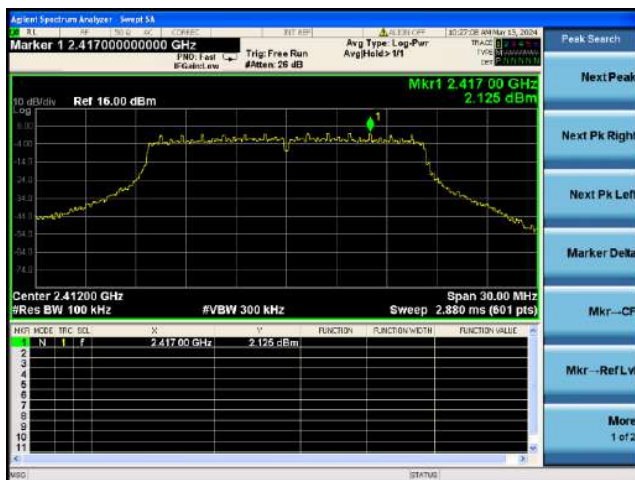
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



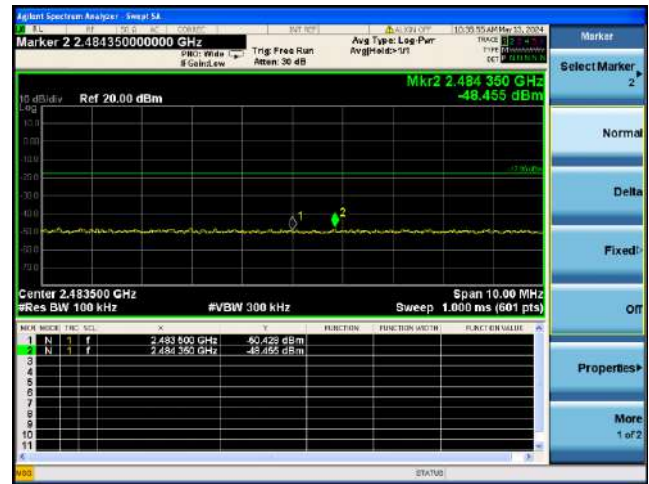
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



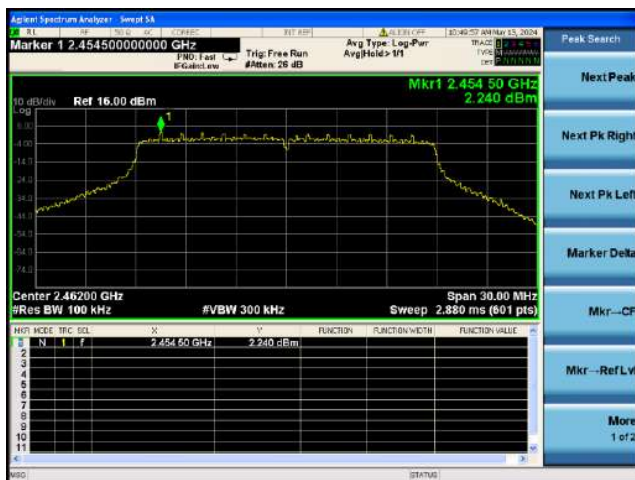
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



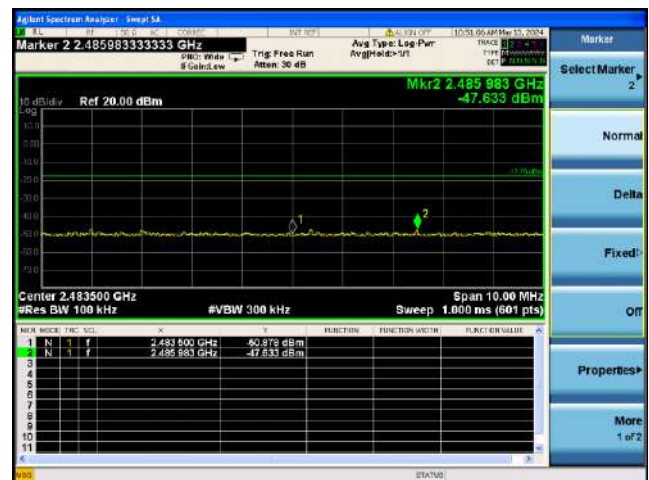
802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



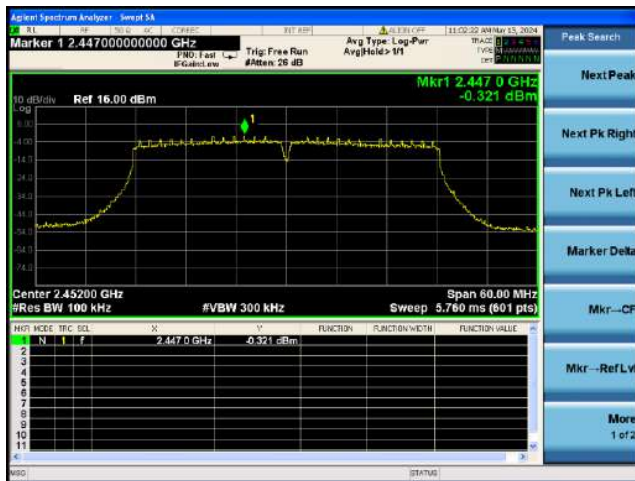
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



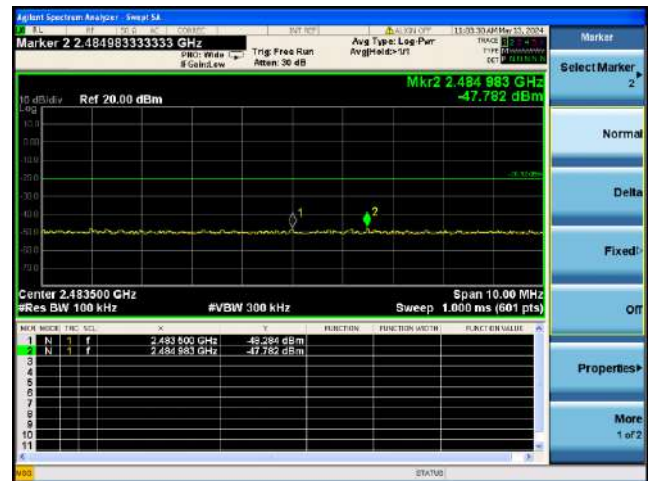
802.11n-40 MHz LOW CHANNEL, BAND EDGE



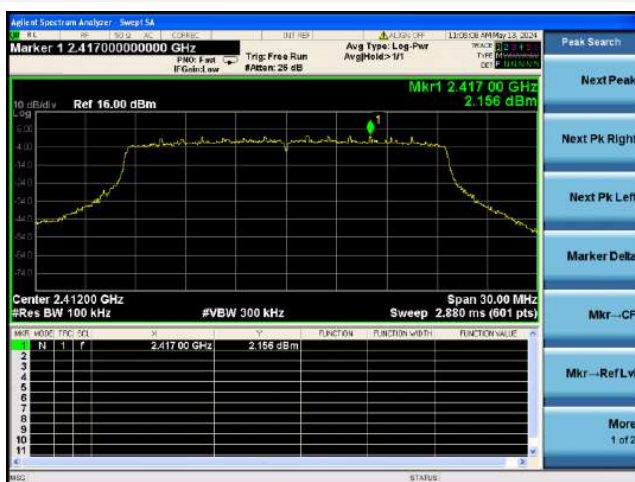
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



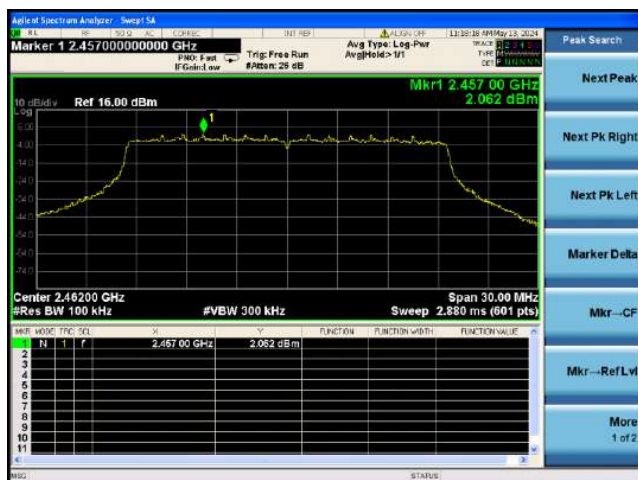
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



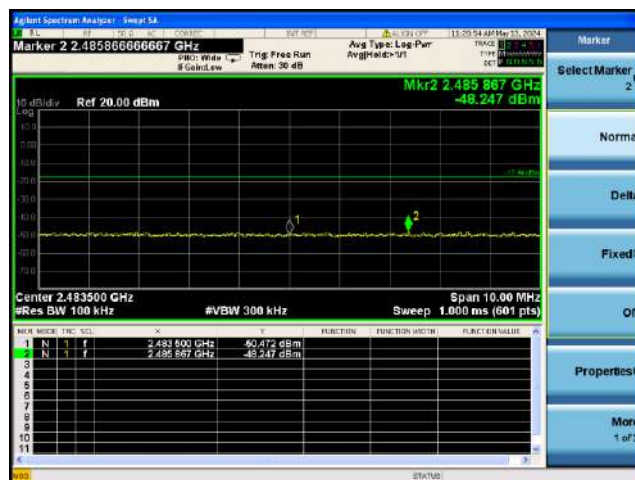
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



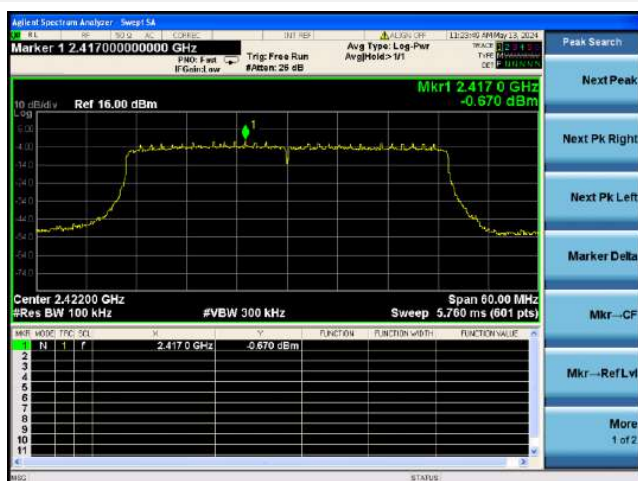
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



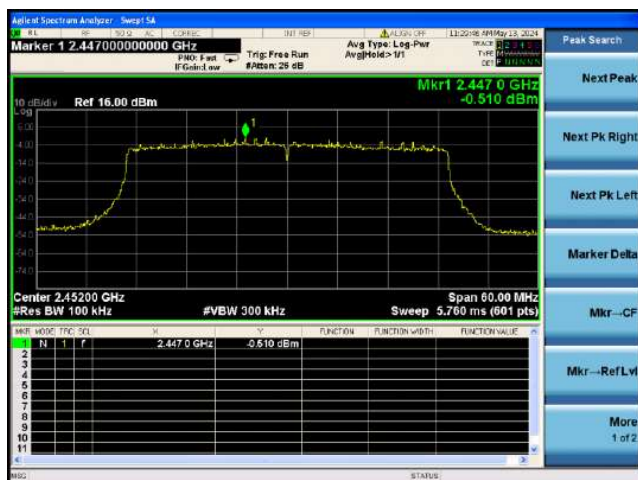
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



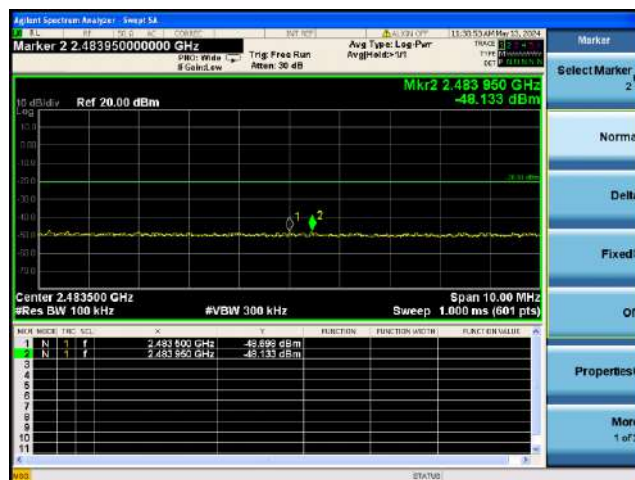
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

Note: Not applicable.

A.6 Radiated Emission

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

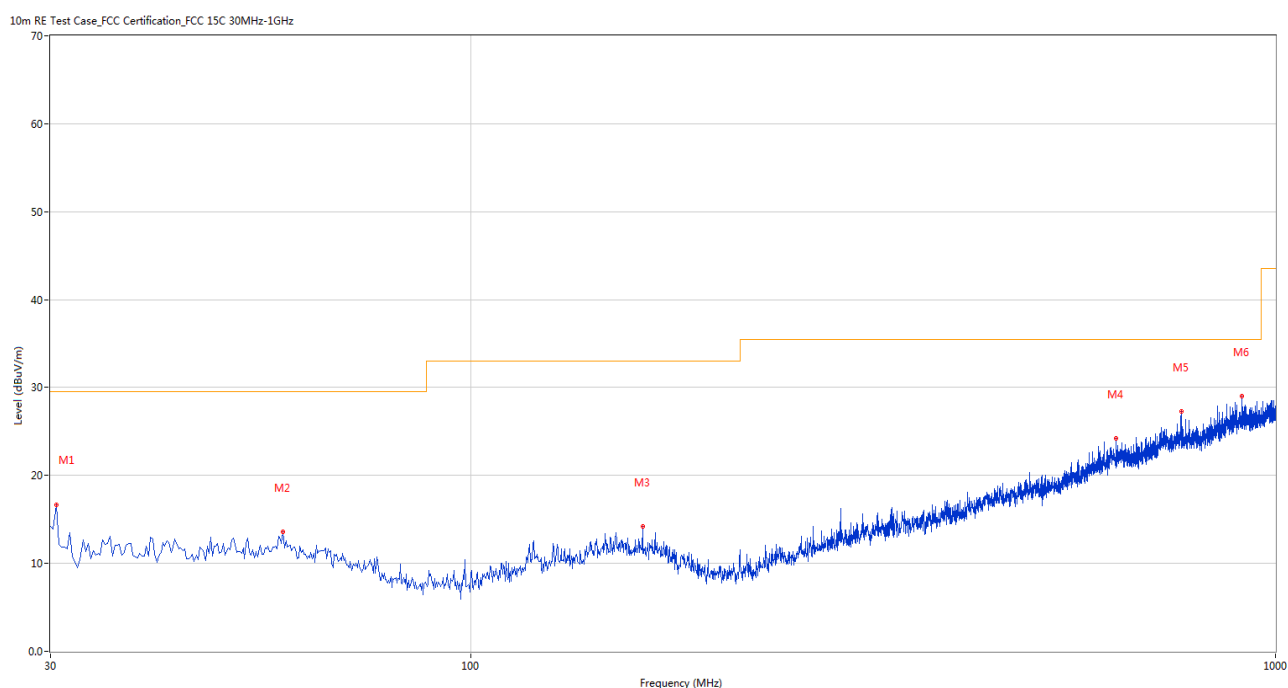
Note ²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

Test Data and Plots

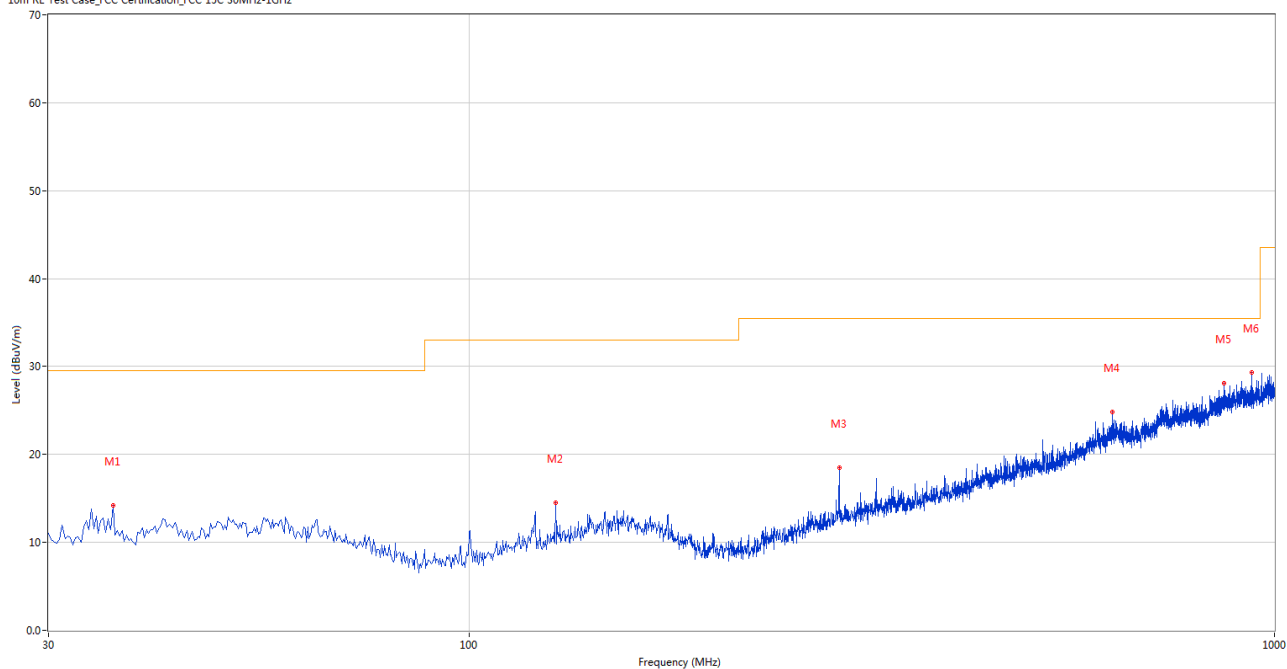
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	16.62	-28.11	29.5	12.88	Peak	210.00	200	Vertical	Pass
2	58.365	13.62	-26.37	29.5	15.88	Peak	68.00	100	Vertical	Pass
3	163.342	14.24	-25.97	33.0	18.76	Peak	36.00	200	Vertical	Pass
4	634.159	24.19	-15.88	35.5	11.31	Peak	286.00	100	Vertical	Pass
5	763.379	27.33	-13.30	35.5	8.17	Peak	182.00	100	Vertical	Pass
6	907.873	29.03	-10.55	35.5	6.47	Peak	0.00	200	Vertical	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.061	14.25	-26.70	29.5	15.25	Peak	0.00	200	Horizontal	Pass
2	127.946	14.54	-27.49	33.0	18.46	Peak	338.00	200	Horizontal	Pass
3	287.956	18.52	-25.01	35.5	16.98	Peak	267.00	200	Horizontal	Pass
4	629.795	24.85	-15.85	35.5	10.65	Peak	16.00	100	Horizontal	Pass
5	865.931	28.06	-11.65	35.5	7.44	Peak	295.00	200	Horizontal	Pass
6	937.208	29.35	-11.16	35.5	6.15	Peak	338.00	200	Horizontal	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.

Note 3: All antenna were tested, but only the worst case has been reported in this report.

Note 4: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note 5: The 802.11ax mode of the EUT only support full RU size configuration.

MIMO

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.300	42.32	-16.84	74.0	31.68	Peak	108.00	100	Horizontal	Pass
1**	1576.300	33.49	-16.84	54.0	20.51	AV	108.00	100	Horizontal	Pass
2	2411.900	105.64	-10.20	74.0	-31.64	Peak	263.00	100	Horizontal	N/A
2**	2411.900	101.84	-10.20	54.0	-47.84	AV	263.00	100	Horizontal	N/A
3	4985.000	49.23	-3.28	74.0	24.77	Peak	288.00	100	Horizontal	Pass
3**	4985.000	39.51	-3.28	54.0	14.49	AV	288.00	100	Horizontal	Pass
4	7871.250	54.39	1.65	74.0	19.61	Peak	16.00	300	Horizontal	Pass
4**	7871.250	44.40	1.65	54.0	9.60	AV	16.00	300	Horizontal	Pass
5	11705.000	52.60	-0.48	74.0	21.40	Peak	205.00	300	Horizontal	Pass
5**	11705.000	42.47	-0.48	54.0	11.53	AV	205.00	300	Horizontal	Pass
6	17436.412	55.18	5.53	74.0	18.82	Peak	291.00	200	Horizontal	Pass
6**	17436.412	46.52	5.53	54.0	7.48	AV	291.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.200	45.49	-17.59	74.0	28.51	Peak	273.00	100	Vertical	Pass
1**	1162.200	37.56	-17.59	54.0	16.44	AV	273.00	100	Vertical	Pass
2	2410.900	108.09	-10.34	74.0	-34.09	Peak	236.00	100	Vertical	N/A
2**	2410.900	105.34	-10.34	54.0	-51.34	AV	236.00	100	Vertical	N/A
3	4903.000	49.63	-3.29	74.0	24.37	Peak	223.00	100	Vertical	Pass
3**	4903.000	39.40	-3.29	54.0	14.60	AV	223.00	100	Vertical	Pass
4	7177.750	53.41	-0.02	74.0	20.59	Peak	326.00	200	Vertical	Pass
4**	7177.750	43.46	-0.02	54.0	10.54	AV	326.00	200	Vertical	Pass
5	10485.675	52.15	-1.55	74.0	21.85	Peak	215.00	300	Vertical	Pass
5**	10485.675	42.34	-1.55	54.0	11.66	AV	215.00	300	Vertical	Pass
6	14462.287	55.98	3.11	74.0	18.02	Peak	48.00	100	Vertical	Pass
6**	14462.287	46.55	3.11	54.0	7.45	AV	48.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	43.02	-16.94	74.0	30.98	Peak	320.00	200	Horizontal	Pass
1**	1331.900	34.66	-16.94	54.0	19.34	AV	320.00	200	Horizontal	Pass
2	2435.900	106.92	-10.14	74.0	-32.92	Peak	266.00	100	Horizontal	N/A
2**	2435.900	104.01	-10.14	54.0	-50.01	AV	266.00	100	Horizontal	N/A
3	4963.250	50.06	-3.55	74.0	23.94	Peak	360.00	200	Horizontal	Pass
3**	4963.250	40.35	-3.55	54.0	13.65	AV	360.00	200	Horizontal	Pass
4	7619.750	54.24	0.58	74.0	19.76	Peak	294.00	300	Horizontal	Pass
4**	7619.750	44.23	0.58	54.0	9.77	AV	294.00	300	Horizontal	Pass
5	11802.138	53.19	-0.17	74.0	20.81	Peak	199.00	300	Horizontal	Pass
5**	11802.138	44.08	-0.17	54.0	9.92	AV	199.00	300	Horizontal	Pass
6	17440.088	55.97	5.54	74.0	18.03	Peak	302.00	300	Horizontal	Pass
6**	17440.088	47.19	5.54	54.0	6.81	AV	302.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.400	47.48	-17.66	74.0	26.52	Peak	283.00	400	Vertical	Pass
1**	1163.400	32.88	-17.66	54.0	21.12	AV	283.00	400	Vertical	Pass
2	2435.800	108.64	-10.14	74.0	-34.64	Peak	238.00	150	Vertical	N/A
2**	2435.800	105.77	-10.14	54.0	-51.77	AV	238.00	150	Vertical	N/A
3	4953.500	49.89	-3.43	74.0	24.11	Peak	136.00	100	Vertical	Pass
3**	4953.500	40.06	-3.43	54.0	13.94	AV	136.00	100	Vertical	Pass
4	7763.000	54.39	1.38	74.0	19.61	Peak	343.00	400	Vertical	Pass
4**	7763.000	44.19	1.38	54.0	9.81	AV	343.00	400	Vertical	Pass
5	12256.950	53.38	1.03	74.0	20.62	Peak	238.00	300	Vertical	Pass
5**	12256.950	43.49	1.03	54.0	10.51	AV	238.00	300	Vertical	Pass
6	16389.301	55.91	2.76	74.0	18.09	Peak	146.00	100	Vertical	Pass
6**	16389.301	46.65	2.76	54.0	7.35	AV	146.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.800	42.52	-17.04	74.0	31.48	Peak	337.00	100	Horizontal	Pass
1**	1526.800	33.13	-17.04	54.0	20.87	AV	337.00	100	Horizontal	Pass
2	2460.900	106.22	-11.30	74.0	-32.22	Peak	269.00	150	Horizontal	N/A
2**	2460.900	103.41	-11.30	54.0	-49.41	AV	269.00	150	Horizontal	N/A
3	4996.500	49.09	-3.31	74.0	24.91	Peak	43.00	150	Horizontal	Pass
3**	4996.500	39.92	-3.31	54.0	14.08	AV	43.00	150	Horizontal	Pass
4	7157.000	53.58	0.17	74.0	20.42	Peak	258.00	100	Horizontal	Pass
4**	7157.000	43.93	0.17	54.0	10.07	AV	258.00	100	Horizontal	Pass
5	12268.349	52.68	0.90	74.0	21.32	Peak	314.00	300	Horizontal	Pass
5**	12268.349	42.32	0.90	54.0	11.68	AV	314.00	300	Horizontal	Pass
6	17455.051	56.05	5.47	74.0	17.95	Peak	34.00	300	Horizontal	Pass
6**	17455.051	46.18	5.47	54.0	7.82	AV	34.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.900	47.56	-17.56	74.0	26.44	Peak	293.00	400	Vertical	Pass
1**	1163.900	32.32	-17.56	54.0	21.68	AV	293.00	400	Vertical	Pass
2	2460.800	107.56	-11.30	74.0	-33.56	Peak	231.00	200	Vertical	N/A
2**	2460.800	104.69	-11.30	54.0	-50.69	AV	231.00	200	Vertical	N/A
3	4925.000	49.28	-3.56	74.0	24.72	Peak	316.00	200	Vertical	Pass
3**	4925.000	39.58	-3.56	54.0	14.42	AV	316.00	200	Vertical	Pass
4	7159.500	53.96	0.36	74.0	20.04	Peak	155.00	200	Vertical	Pass
4**	7159.500	44.00	0.36	54.0	10.00	AV	155.00	200	Vertical	Pass
5	12733.850	52.42	0.84	74.0	21.58	Peak	275.00	200	Vertical	Pass
5**	12733.850	42.77	0.84	54.0	11.23	AV	275.00	200	Vertical	Pass
6	15178.125	55.80	2.86	74.0	18.20	Peak	72.00	400	Vertical	Pass
6**	15178.125	45.65	2.86	54.0	8.35	AV	72.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1393.900	45.88	-16.99	74.0	28.12	Peak	241.00	200	Horizontal	Pass
1**	1393.900	34.50	-16.99	54.0	19.50	AV	241.00	200	Horizontal	Pass
2	2415.700	107.05	-10.38	74.0	-33.05	Peak	142.00	100	Horizontal	N/A
2**	2415.700	100.12	-10.38	54.0	-46.12	AV	142.00	100	Horizontal	N/A
3	5379.250	51.22	-2.80	74.0	22.78	Peak	96.00	100	Horizontal	Pass
3**	5379.250	41.73	-2.80	54.0	12.27	AV	96.00	100	Horizontal	Pass
4	7420.250	53.66	1.47	74.0	20.34	Peak	229.00	200	Horizontal	Pass
4**	7420.250	43.77	1.47	54.0	10.23	AV	229.00	200	Horizontal	Pass
5	11801.662	52.71	-0.16	74.0	21.29	Peak	221.00	200	Horizontal	Pass
5**	11801.662	43.22	-0.16	54.0	10.78	AV	221.00	200	Horizontal	Pass
6	17435.888	55.62	5.53	74.0	18.38	Peak	161.00	400	Horizontal	Pass
6**	17435.888	46.58	5.53	54.0	7.42	AV	161.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.600	45.72	-16.91	74.0	28.28	Peak	210.00	400	Vertical	Pass
1**	1396.600	33.56	-16.91	54.0	20.44	AV	210.00	400	Vertical	Pass
2	2412.900	109.84	-10.17	74.0	-35.84	Peak	237.00	150	Vertical	N/A
2**	2412.900	103.57	-10.17	54.0	-49.57	AV	237.00	150	Vertical	N/A
3	5378.750	50.98	-2.67	74.0	23.02	Peak	137.00	100	Vertical	Pass
3**	5378.750	42.42	-2.67	54.0	11.58	AV	137.00	100	Vertical	Pass
4	7172.000	53.87	0.17	74.0	20.13	Peak	238.00	400	Vertical	Pass
4**	7172.000	43.18	0.17	54.0	10.82	AV	238.00	400	Vertical	Pass
5	11669.375	52.84	-1.03	74.0	21.16	Peak	132.00	300	Vertical	Pass
5**	11669.375	42.44	-1.03	54.0	11.56	AV	132.00	300	Vertical	Pass
6	16856.287	55.90	3.46	74.0	18.10	Peak	46.00	200	Vertical	Pass
6**	16856.287	47.56	3.46	54.0	6.44	AV	46.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.700	46.12	-16.87	74.0	27.88	Peak	151.00	100	Horizontal	Pass
1**	1396.700	35.83	-16.87	54.0	18.17	AV	151.00	100	Horizontal	Pass
2	2440.900	108.27	-9.79	74.0	-34.27	Peak	143.00	150	Horizontal	N/A
2**	2440.900	100.87	-9.79	54.0	-46.87	AV	143.00	150	Horizontal	N/A
3	4904.000	50.40	-3.28	74.0	23.60	Peak	275.00	200	Horizontal	Pass
3**	4904.000	40.23	-3.28	54.0	13.77	AV	275.00	200	Horizontal	Pass
4	7163.500	53.19	0.27	74.0	20.81	Peak	157.00	400	Horizontal	Pass
4**	7163.500	45.08	0.27	54.0	8.92	AV	157.00	400	Horizontal	Pass
5	11262.063	52.70	-1.03	74.0	21.30	Peak	24.00	200	Horizontal	Pass
5**	11262.063	42.29	-1.03	54.0	11.71	AV	24.00	200	Horizontal	Pass
6	17438.251	56.34	5.53	74.0	17.66	Peak	57.00	100	Horizontal	Pass
6**	17438.251	45.87	5.53	54.0	8.13	AV	57.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.300	49.40	-17.16	74.0	24.60	Peak	276.00	400	Vertical	Pass
1**	1463.300	33.28	-17.16	54.0	20.72	AV	276.00	400	Vertical	Pass
2	2437.600	110.36	-10.20	74.0	-36.36	Peak	241.00	200	Vertical	N/A
2**	2437.600	102.95	-10.20	54.0	-48.95	AV	241.00	200	Vertical	N/A
3	5325.000	50.64	-2.83	74.0	23.36	Peak	360.00	100	Vertical	Pass
3**	5325.000	41.86	-2.83	54.0	12.14	AV	360.00	100	Vertical	Pass
4	7710.500	53.21	1.96	74.0	20.79	Peak	114.00	300	Vertical	Pass
4**	7710.500	45.17	1.96	54.0	8.83	AV	114.00	300	Vertical	Pass
5	11699.775	53.46	-0.52	74.0	20.54	Peak	307.00	300	Vertical	Pass
5**	11699.775	42.71	-0.52	54.0	11.29	AV	307.00	300	Vertical	Pass
6	16410.037	55.54	3.03	74.0	18.46	Peak	184.00	200	Vertical	Pass
6**	16410.037	46.61	3.03	54.0	7.39	AV	184.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1399.900	47.89	-16.86	74.0	26.11	Peak	169.00	200	Horizontal	Pass
1**	1399.900	33.22	-16.86	54.0	20.78	AV	169.00	200	Horizontal	Pass
2	2466.000	107.26	-11.18	74.0	-33.26	Peak	131.00	150	Horizontal	N/A
2**	2466.000	99.63	-11.18	54.0	-45.63	AV	131.00	150	Horizontal	N/A
3	5038.250	50.31	-3.01	74.0	23.69	Peak	360.00	100	Horizontal	Pass
3**	5038.250	40.50	-3.01	54.0	13.50	AV	360.00	100	Horizontal	Pass
4	7707.750	53.39	1.53	74.0	20.61	Peak	242.00	200	Horizontal	Pass
4**	7707.750	44.55	1.53	54.0	9.45	AV	242.00	200	Horizontal	Pass
5	11794.062	52.65	-0.15	74.0	21.35	Peak	140.00	100	Horizontal	Pass
5**	11794.062	43.49	-0.15	54.0	10.51	AV	140.00	100	Horizontal	Pass
6	16391.926	55.88	2.86	74.0	18.12	Peak	113.00	400	Horizontal	Pass
6**	16391.926	47.11	2.86	54.0	6.89	AV	113.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.700	45.21	-17.00	74.0	28.79	Peak	275.00	200	Vertical	Pass
1**	1594.700	35.29	-17.00	54.0	18.71	AV	275.00	200	Vertical	Pass
2	2463.400	109.67	-11.30	74.0	-35.67	Peak	230.00	150	Vertical	N/A
2**	2463.400	102.59	-11.30	54.0	-48.59	AV	230.00	150	Vertical	N/A
3	5356.500	50.59	-3.12	74.0	23.41	Peak	360.00	100	Vertical	Pass
3**	5356.500	41.90	-3.12	54.0	12.10	AV	360.00	100	Vertical	Pass
4	7423.250	53.76	1.41	74.0	20.24	Peak	14.00	200	Vertical	Pass
4**	7423.250	45.95	1.41	54.0	8.05	AV	14.00	200	Vertical	Pass
5	11676.738	53.10	-0.90	74.0	20.90	Peak	136.00	200	Vertical	Pass
5**	11676.738	42.72	-0.90	54.0	11.28	AV	136.00	200	Vertical	Pass
6	16737.901	55.55	1.98	74.0	18.45	Peak	50.00	300	Vertical	Pass
6**	16737.901	46.05	1.98	54.0	7.95	AV	50.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.700	47.41	-17.51	74.0	26.59	Peak	12.00	400	Horizontal	Pass
1**	1198.700	33.17	-17.51	54.0	20.83	AV	12.00	400	Horizontal	Pass
2	2414.300	107.17	-10.20	74.0	-33.17	Peak	121.00	100	Horizontal	N/A
2**	2414.300	99.75	-10.20	54.0	-45.75	AV	121.00	100	Horizontal	N/A
3	5859.000	51.38	-2.01	74.0	22.62	Peak	360.00	100	Horizontal	Pass
3**	5859.000	41.87	-2.01	54.0	12.13	AV	360.00	100	Horizontal	Pass
4	7359.250	53.40	0.85	74.0	20.60	Peak	158.00	400	Horizontal	Pass
4**	7359.250	43.38	0.85	54.0	10.62	AV	158.00	400	Horizontal	Pass
5	12554.063	52.52	1.08	74.0	21.48	Peak	8.00	300	Horizontal	Pass
5**	12554.063	42.54	1.08	54.0	11.46	AV	8.00	300	Horizontal	Pass
6	17420.925	55.69	5.49	74.0	18.31	Peak	272.00	300	Horizontal	Pass
6**	17420.925	46.57	5.49	54.0	7.43	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1464.800	45.61	-17.07	74.0	28.39	Peak	360.00	200	Vertical	Pass
1**	1464.800	33.08	-17.07	54.0	20.92	AV	360.00	200	Vertical	Pass
2	2407.300	110.19	-10.52	74.0	-36.19	Peak	234.00	100	Vertical	N/A
2**	2407.300	101.51	-10.52	54.0	-47.51	AV	234.00	100	Vertical	N/A
3	5125.000	50.33	-2.31	74.0	23.67	Peak	43.00	100	Vertical	Pass
3**	5125.000	41.38	-2.31	54.0	12.62	AV	43.00	100	Vertical	Pass
4	7687.000	53.80	1.20	74.0	20.20	Peak	0.00	100	Vertical	Pass
4**	7687.000	43.78	1.20	54.0	10.22	AV	0.00	100	Vertical	Pass
5	11764.375	52.98	-0.18	74.0	21.02	Peak	278.00	300	Vertical	Pass
5**	11764.375	44.15	-0.18	54.0	9.85	AV	278.00	300	Vertical	Pass
6	17458.989	55.74	5.40	74.0	18.26	Peak	326.00	300	Vertical	Pass
6**	17458.989	46.51	5.40	54.0	7.49	AV	326.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1346.000	44.02	-16.82	74.0	29.98	Peak	40.00	200	Horizontal	Pass
1**	1346.000	36.64	-16.82	54.0	17.36	AV	40.00	200	Horizontal	Pass
2	2441.800	107.86	-9.72	74.0	-33.86	Peak	139.00	200	Horizontal	N/A
2**	2441.800	100.56	-9.72	54.0	-46.56	AV	139.00	200	Horizontal	N/A
3	5383.250	50.95	-2.99	74.0	23.05	Peak	119.00	100	Horizontal	Pass
3**	5383.250	41.54	-2.99	54.0	12.46	AV	119.00	100	Horizontal	Pass
4	7159.000	53.54	0.29	74.0	20.46	Peak	360.00	300	Horizontal	Pass
4**	7159.000	44.02	0.29	54.0	9.98	AV	360.00	300	Horizontal	Pass
5	11798.575	52.58	-0.15	74.0	21.42	Peak	0.00	100	Horizontal	Pass
5**	11798.575	43.81	-0.15	54.0	10.19	AV	0.00	100	Horizontal	Pass
6	16409.512	55.30	3.04	74.0	18.70	Peak	323.00	400	Horizontal	Pass
6**	16409.512	46.19	3.04	54.0	7.81	AV	323.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.100	50.21	-17.10	74.0	23.79	Peak	266.00	100	Vertical	Pass
1**	1397.100	34.25	-17.10	54.0	19.75	AV	266.00	100	Vertical	Pass
2	2438.100	110.43	-10.22	74.0	-36.43	Peak	229.00	200	Vertical	N/A
2**	2438.100	103.64	-10.22	54.0	-49.64	AV	229.00	200	Vertical	N/A
3	5326.000	52.27	-3.05	74.0	21.73	Peak	360.00	100	Vertical	Pass
3**	5326.000	43.89	-3.05	54.0	10.11	AV	360.00	100	Vertical	Pass
4	7157.750	53.86	0.12	74.0	20.14	Peak	45.00	300	Vertical	Pass
4**	7157.750	44.93	0.12	54.0	9.07	AV	45.00	300	Vertical	Pass
5	12067.425	52.37	-0.21	74.0	21.63	Peak	31.00	300	Vertical	Pass
5**	12067.425	43.14	-0.21	54.0	10.86	AV	31.00	300	Vertical	Pass
6	16402.426	55.98	3.13	74.0	18.02	Peak	316.00	400	Vertical	Pass
6**	16402.426	47.15	3.13	54.0	6.85	AV	316.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.700	44.23	-17.12	74.0	29.77	Peak	360.00	200	Horizontal	Pass
1**	1598.700	35.71	-17.12	54.0	18.29	AV	360.00	200	Horizontal	Pass
2	2465.600	107.06	-11.25	74.0	-33.06	Peak	135.00	200	Horizontal	N/A
2**	2465.600	99.51	-11.25	54.0	-45.51	AV	135.00	200	Horizontal	N/A
3	5379.500	51.43	-2.76	74.0	22.57	Peak	166.00	100	Horizontal	Pass
3**	5379.500	42.06	-2.76	54.0	11.94	AV	166.00	100	Horizontal	Pass
4	7749.250	53.31	0.17	74.0	20.69	Peak	91.00	400	Horizontal	Pass
4**	7749.250	42.55	0.17	54.0	11.45	AV	91.00	400	Horizontal	Pass
5	10489.238	52.45	-1.50	74.0	21.55	Peak	0.00	200	Horizontal	Pass
5**	10489.238	41.92	-1.50	54.0	12.08	AV	0.00	200	Horizontal	Pass
6	16712.438	55.18	2.69	74.0	18.82	Peak	45.00	200	Horizontal	Pass
6**	16712.438	45.99	2.69	54.0	8.01	AV	45.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1399.800	45.26	-16.85	74.0	28.74	Peak	259.00	100	Vertical	Pass
1**	1399.800	33.63	-16.85	54.0	20.37	AV	259.00	100	Vertical	Pass
2	2463.900	109.65	-11.21	74.0	-35.65	Peak	237.00	200	Vertical	N/A
2**	2463.900	103.30	-11.21	54.0	-49.30	AV	237.00	200	Vertical	N/A
3	5299.000	50.48	-2.59	74.0	23.52	Peak	353.00	100	Vertical	Pass
3**	5299.000	41.49	-2.59	54.0	12.51	AV	353.00	100	Vertical	Pass
4	7698.000	53.90	1.00	74.0	20.10	Peak	232.00	300	Vertical	Pass
4**	7698.000	44.22	1.00	54.0	9.78	AV	232.00	300	Vertical	Pass
5	12406.100	52.76	1.10	74.0	21.24	Peak	1.00	100	Vertical	Pass
5**	12406.100	43.16	1.10	54.0	10.84	AV	1.00	100	Vertical	Pass
6	17453.474	56.13	5.50	74.0	17.87	Peak	58.00	200	Vertical	Pass
6**	17453.474	46.80	5.50	54.0	7.20	AV	58.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.900	45.15	-16.72	74.0	28.85	Peak	324.00	300	Horizontal	Pass
1**	1592.900	36.81	-16.72	54.0	17.19	AV	324.00	300	Horizontal	Pass
2	2426.800	104.92	-10.33	74.0	-30.92	Peak	136.00	150	Horizontal	N/A
2**	2426.800	96.92	-10.33	54.0	-42.92	AV	136.00	150	Horizontal	N/A
3	5214.500	50.23	-2.61	74.0	23.77	Peak	150.00	100	Horizontal	Pass
3**	5214.500	40.76	-2.61	54.0	13.24	AV	150.00	100	Horizontal	Pass
4	7705.250	53.87	2.03	74.0	20.13	Peak	269.00	100	Horizontal	Pass
4**	7705.250	45.32	2.03	54.0	8.68	AV	269.00	100	Horizontal	Pass
5	12452.175	52.96	1.06	74.0	21.04	Peak	310.00	200	Horizontal	Pass
5**	12452.175	42.45	1.06	54.0	11.55	AV	310.00	200	Horizontal	Pass
6	16857.075	55.26	3.45	74.0	18.74	Peak	176.00	400	Horizontal	Pass
6**	16857.075	46.07	3.45	54.0	7.93	AV	176.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.400	45.51	-16.98	74.0	28.49	Peak	293.00	400	Vertical	Pass
1**	1396.400	33.35	-16.98	54.0	20.65	AV	293.00	400	Vertical	Pass
2	2423.800	108.86	-10.30	74.0	-34.86	Peak	237.00	200	Vertical	N/A
2**	2423.800	101.90	-10.30	54.0	-47.90	AV	237.00	200	Vertical	N/A
3	5378.750	51.06	-2.67	74.0	22.94	Peak	326.00	100	Vertical	Pass
3**	5378.750	41.77	-2.67	54.0	12.23	AV	326.00	100	Vertical	Pass
4	7671.000	53.24	0.74	74.0	20.76	Peak	77.00	300	Vertical	Pass
4**	7671.000	43.54	0.74	54.0	10.46	AV	77.00	300	Vertical	Pass
5	11757.487	52.42	-0.19	74.0	21.58	Peak	182.00	200	Vertical	Pass
5**	11757.487	43.23	-0.19	54.0	10.77	AV	182.00	200	Vertical	Pass
6	16406.886	55.66	3.07	74.0	18.34	Peak	113.00	400	Vertical	Pass
6**	16406.886	46.62	3.07	54.0	7.38	AV	113.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1294.300	49.16	-16.89	74.0	24.84	Peak	295.00	300	Horizontal	Pass
1**	1294.300	39.82	-16.89	54.0	14.18	AV	295.00	300	Horizontal	Pass
2	2440.800	104.84	-9.79	74.0	-30.84	Peak	133.00	100	Horizontal	N/A
2**	2440.800	97.76	-9.79	54.0	-43.76	AV	133.00	100	Horizontal	N/A
3	4992.500	49.33	-3.30	74.0	24.67	Peak	336.00	200	Horizontal	Pass
3**	4992.500	40.70	-3.30	54.0	13.30	AV	336.00	200	Horizontal	Pass
4	7705.250	53.80	2.03	74.0	20.20	Peak	157.00	200	Horizontal	Pass
4**	7705.250	45.35	2.03	54.0	8.65	AV	157.00	200	Horizontal	Pass
5	12018.737	52.52	0.21	74.0	21.48	Peak	214.00	400	Horizontal	Pass
5**	12018.737	42.36	0.21	54.0	11.64	AV	214.00	400	Horizontal	Pass
6	17454.262	55.62	5.49	74.0	18.38	Peak	118.00	200	Horizontal	Pass
6**	17454.262	46.78	5.49	54.0	7.22	AV	118.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1299.900	46.39	-17.04	74.0	27.61	Peak	270.00	400	Vertical	Pass
1**	1299.900	38.20	-17.04	54.0	15.80	AV	270.00	400	Vertical	Pass
2	2427.500	107.83	-10.36	74.0	-33.83	Peak	239.00	150	Vertical	N/A
2**	2427.500	101.23	-10.36	54.0	-47.23	AV	239.00	150	Vertical	N/A
3	4921.750	50.04	-3.28	74.0	23.96	Peak	189.00	150	Vertical	Pass
3**	4921.750	39.58	-3.28	54.0	14.42	AV	189.00	150	Vertical	Pass
4	7645.750	53.79	1.10	74.0	20.21	Peak	331.00	100	Vertical	Pass
4**	7645.750	43.05	1.10	54.0	10.95	AV	331.00	100	Vertical	Pass
5	11756.537	52.31	-0.19	74.0	21.69	Peak	231.00	100	Vertical	Pass
5**	11756.537	43.30	-0.19	54.0	10.70	AV	231.00	100	Vertical	Pass
6	17425.650	55.67	5.50	74.0	18.33	Peak	43.00	400	Vertical	Pass
6**	17425.650	45.88	5.50	54.0	8.12	AV	43.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1299.900	45.76	-17.04	74.0	28.24	Peak	322.00	200	Horizontal	Pass
1**	1299.900	32.15	-17.04	54.0	21.85	AV	322.00	200	Horizontal	Pass
2	2447.000	104.32	-10.14	74.0	-30.32	Peak	132.00	100	Horizontal	N/A
2**	2447.000	97.16	-10.14	54.0	-43.16	AV	132.00	100	Horizontal	N/A
3	4981.250	49.26	-3.29	74.0	24.74	Peak	19.00	150	Horizontal	Pass
3**	4981.250	41.46	-3.29	54.0	12.54	AV	19.00	150	Horizontal	Pass
4	7604.750	53.24	0.57	74.0	20.76	Peak	360.00	300	Horizontal	Pass
4**	7604.750	42.90	0.57	54.0	11.10	AV	360.00	300	Horizontal	Pass
5	12486.138	52.73	1.33	74.0	21.27	Peak	227.00	300	Horizontal	Pass
5**	12486.138	43.16	1.33	54.0	10.84	AV	227.00	300	Horizontal	Pass
6	16861.012	55.50	3.38	74.0	18.50	Peak	113.00	300	Horizontal	Pass
6**	16861.012	45.35	3.38	54.0	8.65	AV	113.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1367.400	48.26	-17.05	74.0	25.74	Peak	312.00	300	Vertical	Pass
1**	1367.400	34.71	-17.05	54.0	19.29	AV	312.00	300	Vertical	Pass
2	2443.100	106.78	-9.83	74.0	-32.78	Peak	237.00	200	Vertical	N/A
2**	2443.100	99.63	-9.83	54.0	-45.63	AV	237.00	200	Vertical	N/A
3	4981.750	49.82	-3.26	74.0	24.18	Peak	19.00	150	Vertical	Pass
3**	4981.750	40.75	-3.26	54.0	13.25	AV	19.00	150	Vertical	Pass
4	7792.500	53.88	0.37	74.0	20.12	Peak	142.00	100	Vertical	Pass
4**	7792.500	43.56	0.37	54.0	10.44	AV	142.00	100	Vertical	Pass
5	11753.925	52.22	-0.19	74.0	21.78	Peak	147.00	200	Vertical	Pass
5**	11753.925	43.18	-0.19	54.0	10.82	AV	147.00	200	Vertical	Pass
6	16390.613	56.69	2.81	74.0	17.31	Peak	21.00	100	Vertical	Pass
6**	16390.613	46.17	2.81	54.0	7.83	AV	21.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1427.900	44.18	-17.18	74.0	29.82	Peak	242.00	100	Horizontal	Pass
1**	1427.900	34.87	-17.18	54.0	19.13	AV	242.00	100	Horizontal	Pass
2	2416.100	107.35	-10.36	74.0	-33.35	Peak	125.00	150	Horizontal	N/A
2**	2416.100	99.68	-10.36	54.0	-45.68	AV	125.00	150	Horizontal	N/A
3	5122.750	50.79	-2.72	74.0	23.21	Peak	237.00	100	Horizontal	Pass
3**	5122.750	40.99	-2.72	54.0	13.01	AV	237.00	100	Horizontal	Pass
4	6895.000	53.41	0.49	74.0	20.59	Peak	360.00	200	Horizontal	Pass
4**	6895.000	44.10	0.49	54.0	9.90	AV	360.00	200	Horizontal	Pass
5	12005.437	52.40	0.40	74.0	21.60	Peak	110.00	200	Horizontal	Pass
5**	12005.437	43.14	0.40	54.0	10.86	AV	110.00	200	Horizontal	Pass
6	14469.638	56.14	2.91	74.0	17.86	Peak	291.00	400	Horizontal	Pass
6**	14469.638	46.50	2.91	54.0	7.50	AV	291.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.500	48.01	-17.25	74.0	25.99	Peak	266.00	200	Vertical	Pass
1**	1460.500	34.03	-17.25	54.0	19.97	AV	266.00	200	Vertical	Pass
2	2413.700	110.11	-10.45	74.0	-36.11	Peak	239.00	150	Vertical	N/A
2**	2413.700	103.24	-10.45	54.0	-49.24	AV	239.00	150	Vertical	N/A
3	4813.000	50.21	-2.98	74.0	23.79	Peak	354.00	100	Vertical	Pass
3**	4813.000	40.36	-2.98	54.0	13.64	AV	354.00	100	Vertical	Pass
4	7163.250	53.80	0.24	74.0	20.20	Peak	360.00	100	Vertical	Pass
4**	7163.250	44.39	0.24	54.0	9.61	AV	360.00	100	Vertical	Pass
5	12227.738	52.68	0.79	74.0	21.32	Peak	112.00	200	Vertical	Pass
5**	12227.738	42.53	0.79	54.0	11.47	AV	112.00	200	Vertical	Pass
6	16867.574	55.84	3.27	74.0	18.16	Peak	154.00	200	Vertical	Pass
6**	16867.574	46.87	3.27	54.0	7.13	AV	154.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.900	45.27	-16.72	74.0	28.73	Peak	334.00	200	Horizontal	Pass
1**	1592.900	36.46	-16.72	54.0	17.54	AV	334.00	200	Horizontal	Pass
2	2441.500	107.99	-9.77	74.0	-33.99	Peak	138.00	200	Horizontal	N/A
2**	2441.500	100.00	-9.77	54.0	-46.00	AV	138.00	200	Horizontal	N/A
3	5122.750	50.04	-2.72	74.0	23.96	Peak	270.00	100	Horizontal	Pass
3**	5122.750	41.33	-2.72	54.0	12.67	AV	270.00	100	Horizontal	Pass
4	7686.250	53.13	1.35	74.0	20.87	Peak	148.00	200	Horizontal	Pass
4**	7686.250	44.30	1.35	54.0	9.70	AV	148.00	200	Horizontal	Pass
5	12470.938	52.70	1.21	74.0	21.30	Peak	206.00	100	Horizontal	Pass
5**	12470.938	42.18	1.21	54.0	11.82	AV	206.00	100	Horizontal	Pass
6	16862.588	55.32	3.35	74.0	18.68	Peak	108.00	300	Horizontal	Pass
6**	16862.588	46.19	3.35	54.0	7.81	AV	108.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	46.38	-17.16	74.0	27.62	Peak	268.00	300	Vertical	Pass
1**	1493.300	38.49	-17.16	54.0	15.51	AV	268.00	300	Vertical	Pass
2	2438.200	110.23	-10.12	74.0	-36.23	Peak	239.00	100	Vertical	N/A
2**	2438.200	103.08	-10.12	54.0	-49.08	AV	239.00	100	Vertical	N/A
3	5364.500	50.44	-3.26	74.0	23.56	Peak	226.00	100	Vertical	Pass
3**	5364.500	41.71	-3.26	54.0	12.29	AV	226.00	100	Vertical	Pass
4	7694.250	52.99	1.16	74.0	21.01	Peak	360.00	200	Vertical	Pass
4**	7694.250	43.80	1.16	54.0	10.20	AV	360.00	200	Vertical	Pass
5	12196.862	52.74	0.38	74.0	21.26	Peak	192.00	200	Vertical	Pass
5**	12196.862	43.07	0.38	54.0	10.93	AV	192.00	200	Vertical	Pass
6	16396.912	55.60	3.05	74.0	18.40	Peak	0.00	300	Vertical	Pass
6**	16396.912	46.47	3.05	54.0	7.53	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.200	44.98	-17.14	74.0	29.02	Peak	141.00	200	Horizontal	Pass
1**	1595.200	35.70	-17.14	54.0	18.30	AV	141.00	200	Horizontal	Pass
2	2456.400	107.00	-10.83	74.0	-33.00	Peak	133.00	200	Horizontal	N/A
2**	2456.400	99.46	-10.83	54.0	-45.46	AV	133.00	200	Horizontal	N/A
3	5085.500	50.84	-2.61	74.0	23.16	Peak	35.00	100	Horizontal	Pass
3**	5085.500	40.84	-2.61	54.0	13.16	AV	35.00	100	Horizontal	Pass
4	7702.250	53.20	1.52	74.0	20.80	Peak	355.00	100	Horizontal	Pass
4**	7702.250	44.49	1.52	54.0	9.51	AV	355.00	100	Horizontal	Pass
5	12515.826	53.34	1.35	74.0	20.66	Peak	163.00	300	Horizontal	Pass
5**	12515.826	42.79	1.35	54.0	11.21	AV	163.00	300	Horizontal	Pass
6	17436.938	55.88	5.53	74.0	18.12	Peak	108.00	200	Horizontal	Pass
6**	17436.938	45.95	5.53	54.0	8.05	AV	108.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	45.81	-16.99	74.0	28.19	Peak	283.00	200	Vertical	Pass
1**	1332.000	33.67	-16.99	54.0	20.33	AV	283.00	200	Vertical	Pass
2	2463.400	109.74	-11.30	74.0	-35.74	Peak	232.00	200	Vertical	N/A
2**	2463.400	103.39	-11.30	54.0	-49.39	AV	232.00	200	Vertical	N/A
3	5008.000	49.63	-3.05	74.0	24.37	Peak	133.00	100	Vertical	Pass
3**	5008.000	40.14	-3.05	54.0	13.86	AV	133.00	100	Vertical	Pass
4	7686.000	53.83	1.48	74.0	20.17	Peak	87.00	400	Vertical	Pass
4**	7686.000	44.05	1.48	54.0	9.95	AV	87.00	400	Vertical	Pass
5	12407.525	54.09	1.10	74.0	19.91	Peak	298.00	200	Vertical	Pass
5**	12407.525	43.06	1.10	54.0	10.94	AV	298.00	200	Vertical	Pass
6	16392.188	55.90	2.87	74.0	18.10	Peak	267.00	300	Vertical	Pass
6**	16392.188	46.87	2.87	54.0	7.13	AV	267.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.300	47.47	-16.97	74.0	26.53	Peak	148.00	100	Horizontal	Pass
1**	1594.300	34.53	-16.97	54.0	19.47	AV	148.00	100	Horizontal	Pass
2	2424.700	104.65	-10.48	74.0	-30.65	Peak	63.00	100	Horizontal	N/A
2**	2424.700	97.42	-10.48	54.0	-43.42	AV	63.00	100	Horizontal	N/A
3	4995.500	50.08	-3.18	74.0	23.92	Peak	279.00	100	Horizontal	Pass
3**	4995.500	40.72	-3.18	54.0	13.28	AV	279.00	100	Horizontal	Pass
4	6894.750	53.25	0.60	74.0	20.75	Peak	186.00	300	Horizontal	Pass
4**	6894.750	44.50	0.60	54.0	9.50	AV	186.00	300	Horizontal	Pass
5	12973.125	52.76	1.80	74.0	21.24	Peak	321.00	200	Horizontal	Pass
5**	12973.125	42.59	1.80	54.0	11.41	AV	321.00	200	Horizontal	Pass
6	17403.075	55.37	5.44	74.0	18.63	Peak	211.00	200	Horizontal	Pass
6**	17403.075	45.62	5.44	54.0	8.38	AV	211.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	45.54	-16.50	74.0	28.46	Peak	260.00	400	Vertical	Pass
1**	1592.700	34.74	-16.50	54.0	19.26	AV	260.00	400	Vertical	Pass
2	2423.800	108.10	-10.30	74.0	-34.10	Peak	239.00	100	Vertical	N/A
2**	2423.800	101.10	-10.30	54.0	-47.10	AV	239.00	100	Vertical	N/A
3	4807.250	49.11	-3.09	74.0	24.89	Peak	304.00	100	Vertical	Pass
3**	4807.250	39.60	-3.09	54.0	14.40	AV	304.00	100	Vertical	Pass
4	7701.500	53.12	1.29	74.0	20.88	Peak	89.00	300	Vertical	Pass
4**	7701.500	44.50	1.29	54.0	9.50	AV	89.00	300	Vertical	Pass
5	11686.000	52.26	-0.75	74.0	21.74	Peak	244.00	100	Vertical	Pass
5**	11686.000	43.13	-0.75	54.0	10.87	AV	244.00	100	Vertical	Pass
6	17461.350	55.88	5.36	74.0	18.12	Peak	306.00	200	Vertical	Pass
6**	17461.350	46.30	5.36	54.0	7.70	AV	306.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1295.400	46.77	-17.03	74.0	27.23	Peak	310.00	100	Horizontal	Pass
1**	1295.400	38.76	-17.03	54.0	15.24	AV	310.00	100	Horizontal	Pass
2	2441.600	105.08	-9.74	74.0	-31.08	Peak	138.00	150	Horizontal	N/A
2**	2441.600	97.67	-9.74	54.0	-43.67	AV	138.00	150	Horizontal	N/A
3	4977.000	49.47	-3.52	74.0	24.53	Peak	162.00	150	Horizontal	Pass
3**	4977.000	40.00	-3.52	54.0	14.00	AV	162.00	150	Horizontal	Pass
4	7701.000	53.18	0.88	74.0	20.82	Peak	182.00	300	Horizontal	Pass
4**	7701.000	43.77	0.88	54.0	10.23	AV	182.00	300	Horizontal	Pass
5	12531.262	53.27	1.26	74.0	20.73	Peak	173.00	100	Horizontal	Pass
5**	12531.262	42.94	1.26	54.0	11.06	AV	173.00	100	Horizontal	Pass
6	17446.388	56.31	5.56	74.0	17.69	Peak	2.00	400	Horizontal	Pass
6**	17446.388	47.08	5.56	54.0	6.92	AV	2.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1298.400	49.94	-16.98	74.0	24.06	Peak	293.00	100	Vertical	Pass
1**	1298.400	41.70	-16.98	54.0	12.30	AV	293.00	100	Vertical	Pass
2	2438.300	107.79	-10.02	74.0	-33.79	Peak	248.00	150	Vertical	N/A
2**	2438.300	100.33	-10.02	54.0	-46.33	AV	248.00	150	Vertical	N/A
3	4995.500	49.18	-3.18	74.0	24.82	Peak	96.00	200	Vertical	Pass
3**	4995.500	40.58	-3.18	54.0	13.42	AV	96.00	200	Vertical	Pass
4	7964.500	53.00	2.22	74.0	21.00	Peak	332.00	400	Vertical	Pass
4**	7964.500	44.04	2.22	54.0	9.96	AV	332.00	400	Vertical	Pass
5	12746.200	52.51	1.00	74.0	21.49	Peak	54.00	300	Vertical	Pass
5**	12746.200	42.19	1.00	54.0	11.81	AV	54.00	300	Vertical	Pass
6	17450.062	55.29	5.57	74.0	18.71	Peak	335.00	200	Vertical	Pass
6**	17450.062	46.09	5.57	54.0	7.91	AV	335.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1295.100	47.95	-17.12	74.0	26.05	Peak	324.00	200	Horizontal	Pass
1**	1295.100	35.39	-17.12	54.0	18.61	AV	324.00	200	Horizontal	Pass
2	2455.400	103.89	-11.14	74.0	-29.89	Peak	132.00	150	Horizontal	N/A
2**	2455.400	95.50	-11.14	54.0	-41.50	AV	132.00	150	Horizontal	N/A
3	4838.750	49.33	-3.44	74.0	24.67	Peak	116.00	150	Horizontal	Pass
3**	4838.750	39.33	-3.44	54.0	14.67	AV	116.00	150	Horizontal	Pass
4	7409.000	53.50	0.59	74.0	20.50	Peak	215.00	100	Horizontal	Pass
4**	7409.000	44.75	0.59	54.0	9.25	AV	215.00	100	Horizontal	Pass
5	12506.800	52.66	1.40	74.0	21.34	Peak	159.00	200	Horizontal	Pass
5**	12506.800	42.64	1.40	54.0	11.36	AV	159.00	200	Horizontal	Pass
6	17431.163	56.02	5.51	74.0	17.98	Peak	77.00	100	Horizontal	Pass
6**	17431.163	46.15	5.51	54.0	7.85	AV	77.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1294.500	50.27	-16.88	74.0	23.73	Peak	301.00	300	Vertical	Pass
1**	1294.500	33.09	-16.88	54.0	20.91	AV	301.00	300	Vertical	Pass
2	2442.000	107.12	-9.73	74.0	-33.12	Peak	230.00	200	Vertical	N/A
2**	2442.000	99.26	-9.73	54.0	-45.26	AV	230.00	200	Vertical	N/A
3	4992.750	49.45	-3.32	74.0	24.55	Peak	239.00	200	Vertical	Pass
3**	4992.750	40.86	-3.32	54.0	13.14	AV	239.00	200	Vertical	Pass
4	7958.750	54.01	1.87	74.0	19.99	Peak	360.00	300	Vertical	Pass
4**	7958.750	43.46	1.87	54.0	10.54	AV	360.00	300	Vertical	Pass
5	12419.401	52.75	1.08	74.0	21.25	Peak	293.00	300	Vertical	Pass
5**	12419.401	43.82	1.08	54.0	10.18	AV	293.00	300	Vertical	Pass
6	16851.825	55.47	3.54	74.0	18.53	Peak	131.00	300	Vertical	Pass
6**	16851.825	45.98	3.54	54.0	8.02	AV	131.00	300	Vertical	Pass

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

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

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

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

Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

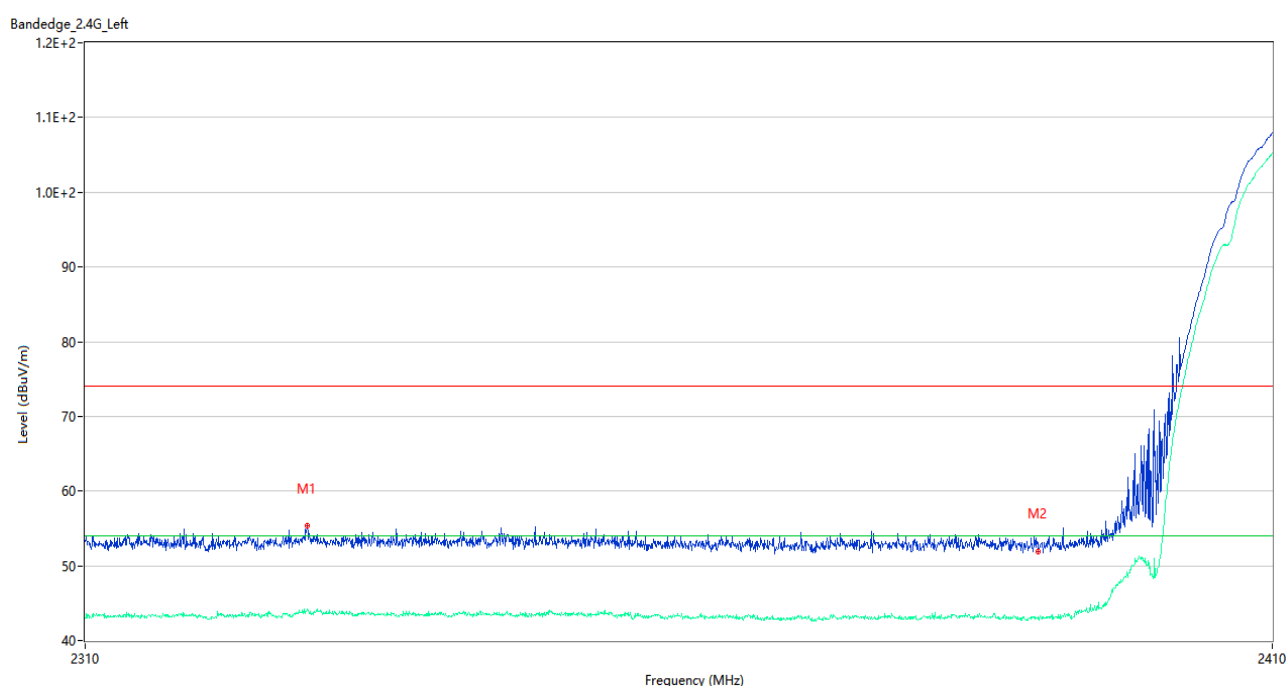
Note ⁵: All antenna were tested, but only the worst case has been reported in this report.

Note ⁶: The 802.11ax mode of the EUT only support full RU size configuration.

Test Data and Plots

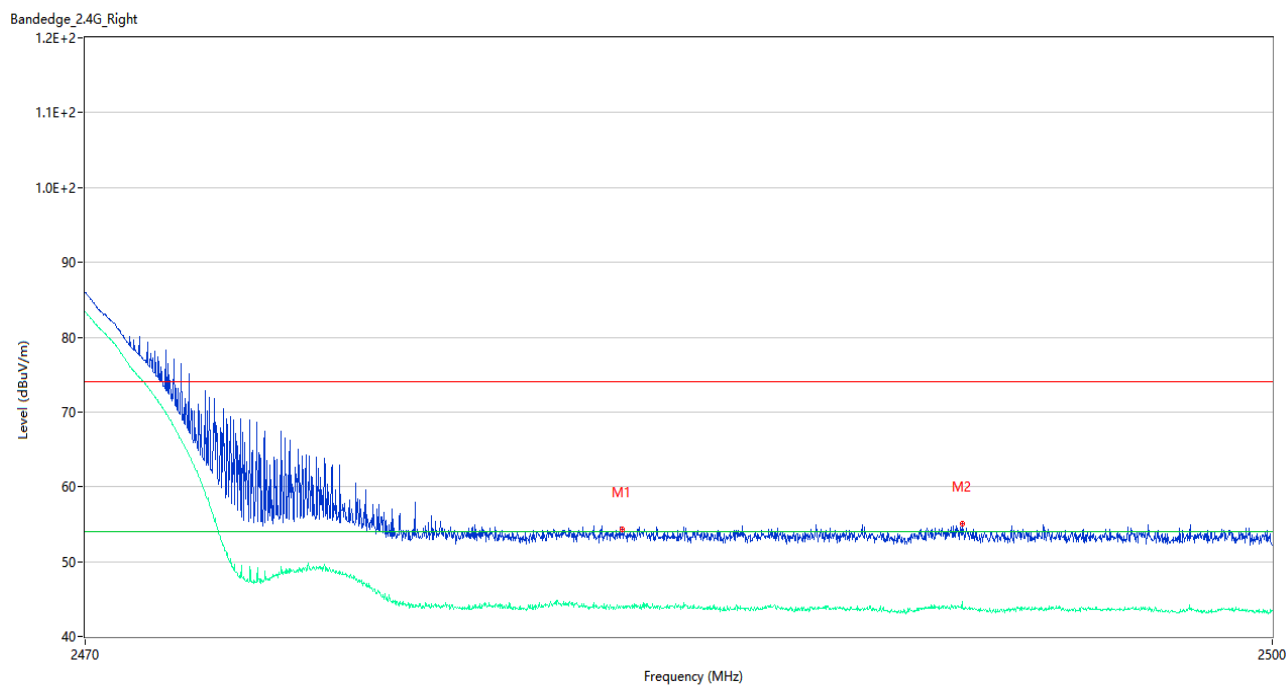
MIMO

802.11b LOW CHANNEL



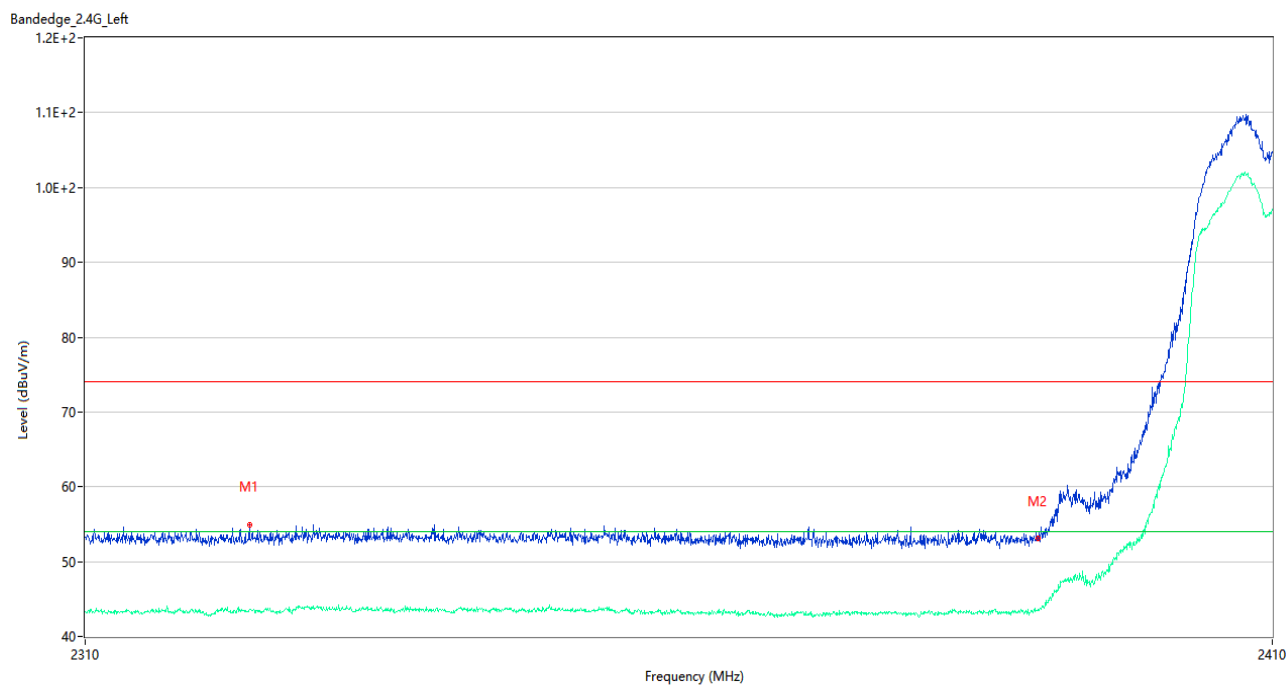
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2328.400	55.38	-0.65	74.0	18.62	Peak	131.00	150	Vertical	Pass
1**	2328.400	44.22	-0.65	54.0	9.78	AV	131.00	150	Vertical	Pass
2	2389.950	51.98	-1.82	74.0	22.02	Peak	131.00	100	Vertical	Pass
2**	2389.950	42.96	-1.82	54.0	11.04	AV	131.00	100	Vertical	Pass

802.11b HIGH CHANNEL



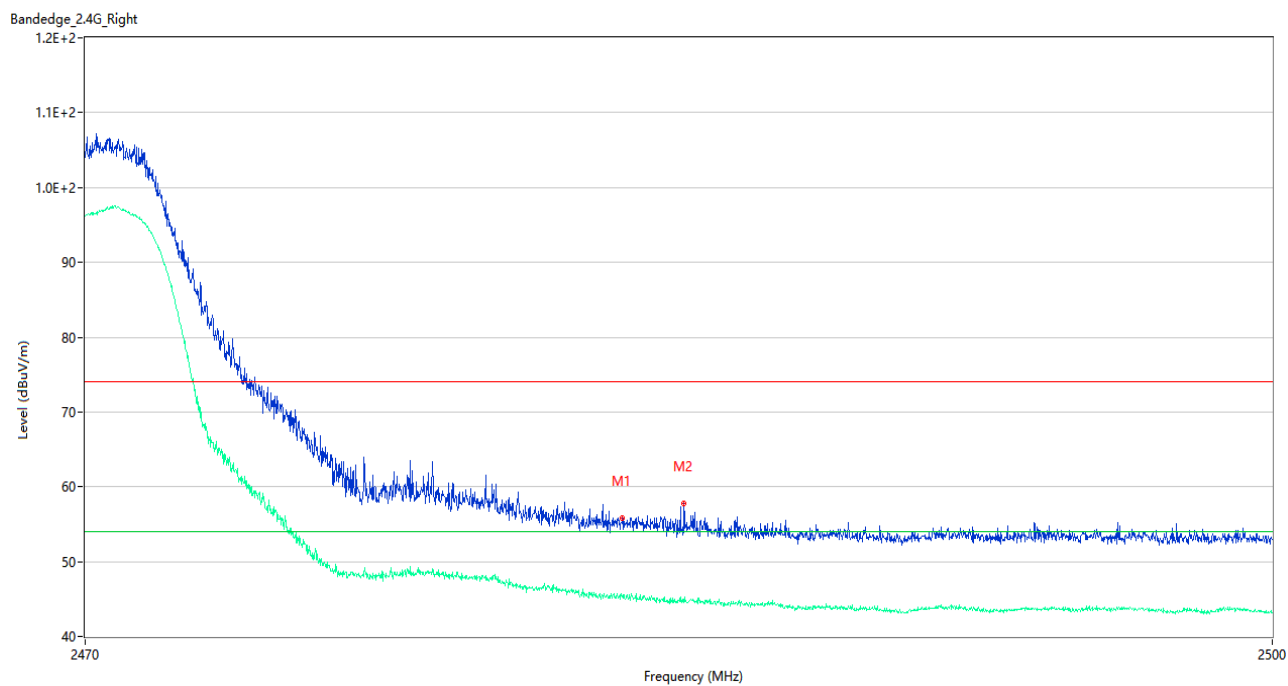
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	54.32	-1.10	74.0	19.68	Peak	162.00	150	Vertical	Pass
1**	2483.530	43.86	-1.10	54.0	10.14	AV	162.00	150	Vertical	Pass
2	2492.125	55.02	-0.76	74.0	18.98	Peak	292.00	100	Vertical	Pass
2**	2492.125	44.61	-0.76	54.0	9.39	AV	292.00	100	Vertical	Pass

802.11g LOW CHANNEL



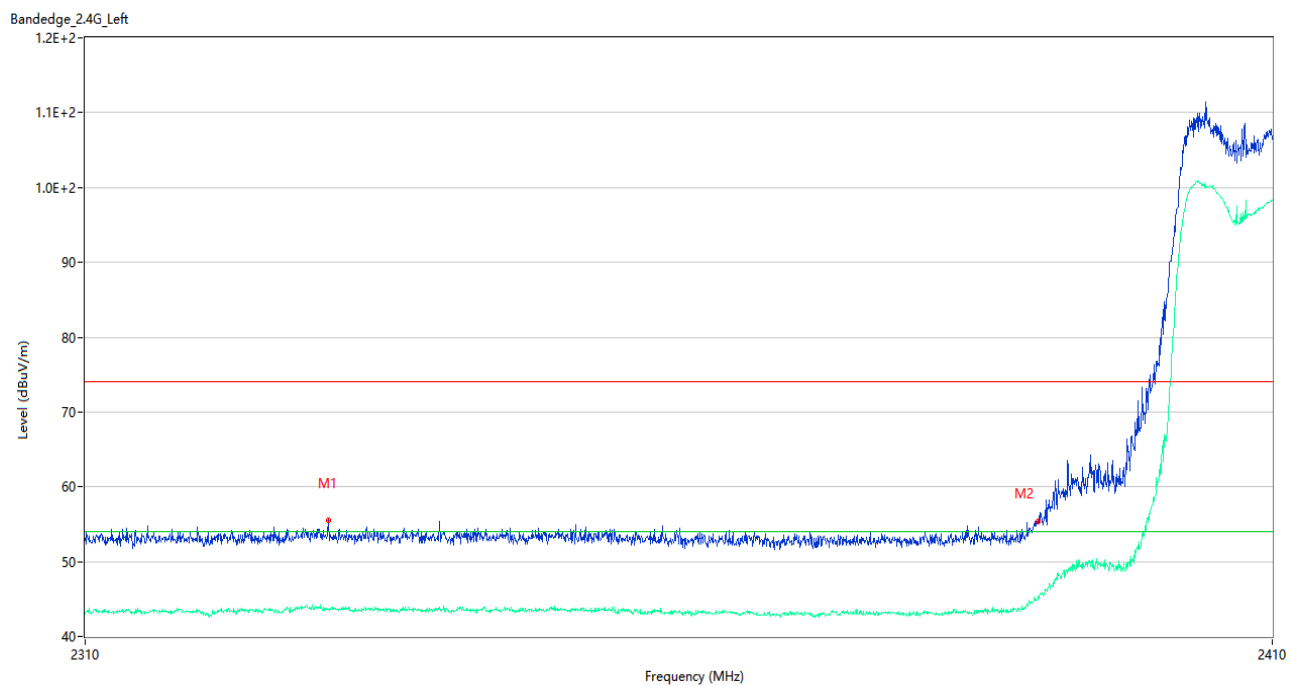
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2323.600	54.97	-1.12	74.0	19.03	Peak	0.00	100	Vertical	Pass
1**	2323.600	43.63	-1.12	54.0	10.37	AV	0.00	100	Vertical	Pass
2	2389.950	53.13	-1.82	74.0	20.87	Peak	171.00	150	Vertical	Pass
2**	2389.950	43.59	-1.82	54.0	10.41	AV	171.00	150	Vertical	Pass

802.11g HIGH CHANNEL



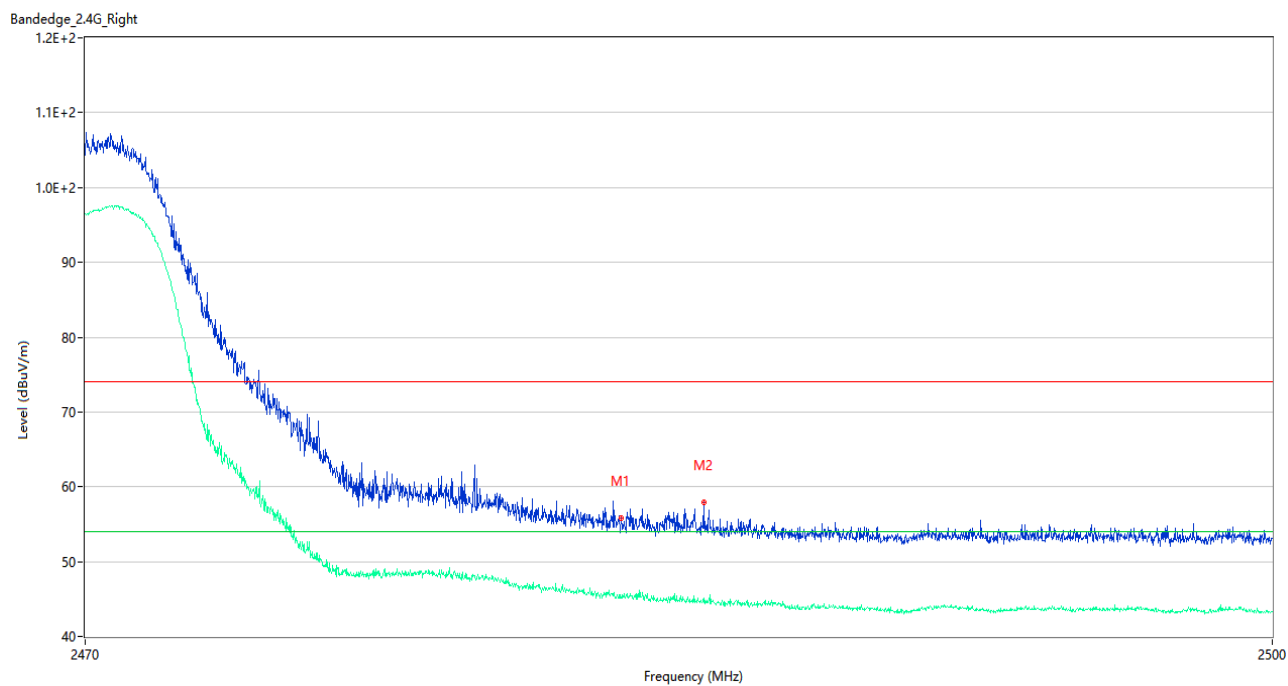
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	55.80	-1.10	74.0	18.20	Peak	165.00	150	Vertical	Pass
1**	2483.530	45.31	-1.10	54.0	8.69	AV	165.00	150	Vertical	Pass
2	2485.090	57.76	-1.13	74.0	16.24	Peak	237.00	200	Vertical	Pass
2**	2485.090	44.68	-1.13	54.0	9.32	AV	237.00	200	Vertical	Pass

802.11n20 LOW CHANNEL



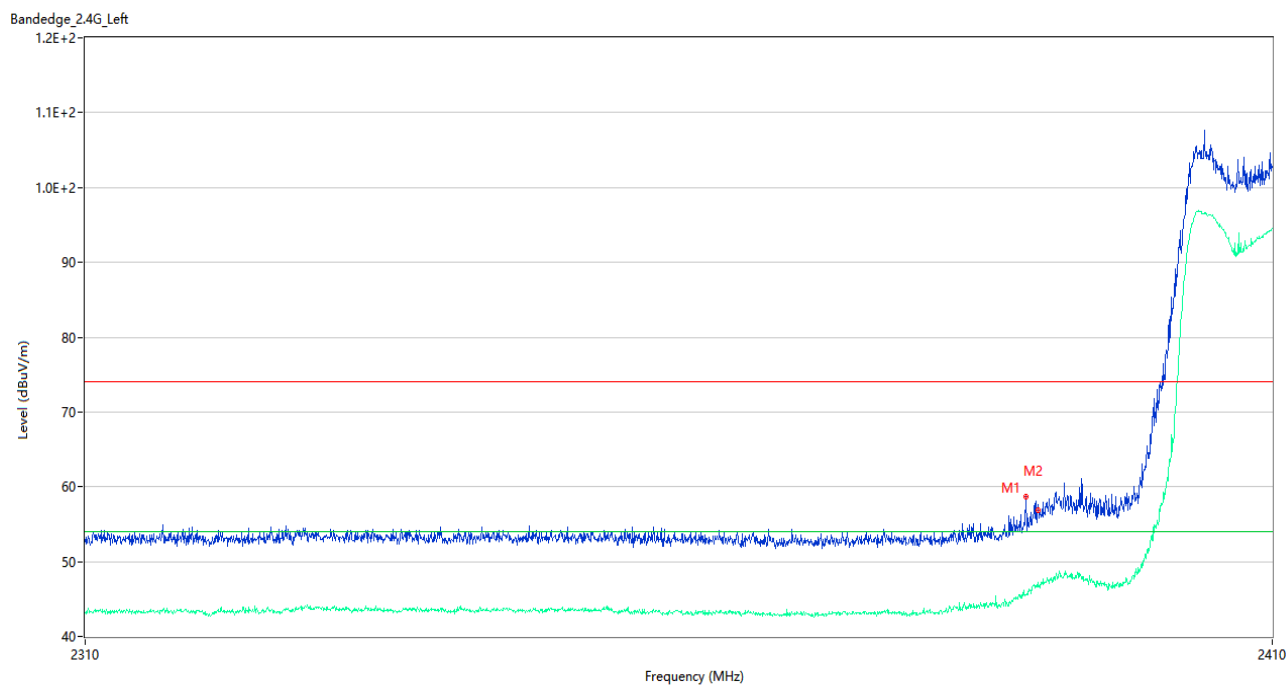
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2330.150	55.56	-0.94	74.0	18.44	Peak	76.00	150	Vertical	Pass
1**	2330.150	43.67	-0.94	54.0	10.33	AV	76.00	150	Vertical	Pass
2	2389.950	55.34	-1.82	74.0	18.66	Peak	242.00	150	Vertical	Pass
2**	2389.950	45.47	-1.82	54.0	8.53	AV	242.00	150	Vertical	Pass

802.11n20 HIGH CHANNEL



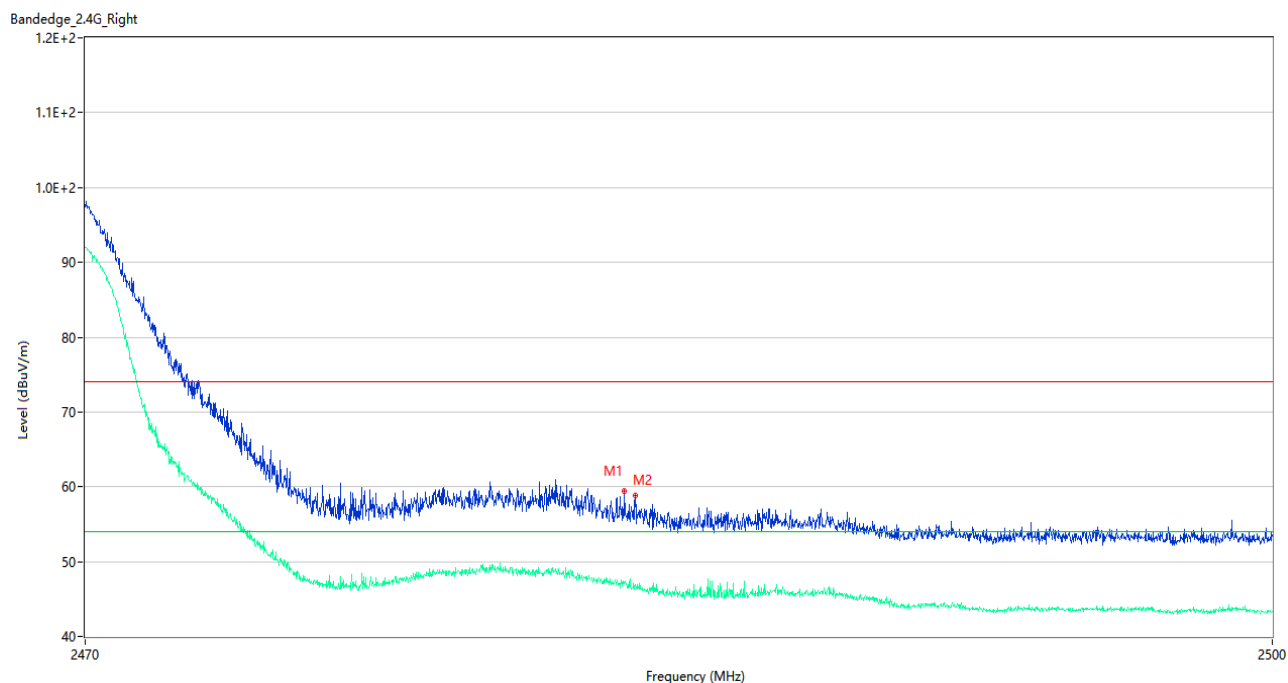
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.80	-1.10	74.0	18.20	Peak	171.00	100	Vertical	Pass
1**	2483.500	45.12	-1.10	54.0	8.88	AV	171.00	100	Vertical	Pass
2	2485.585	57.89	-1.10	74.0	16.11	Peak	242.00	150	Vertical	Pass
2**	2485.585	44.57	-1.10	54.0	9.43	AV	242.00	150	Vertical	Pass

802.11n40 LOW CHANNEL



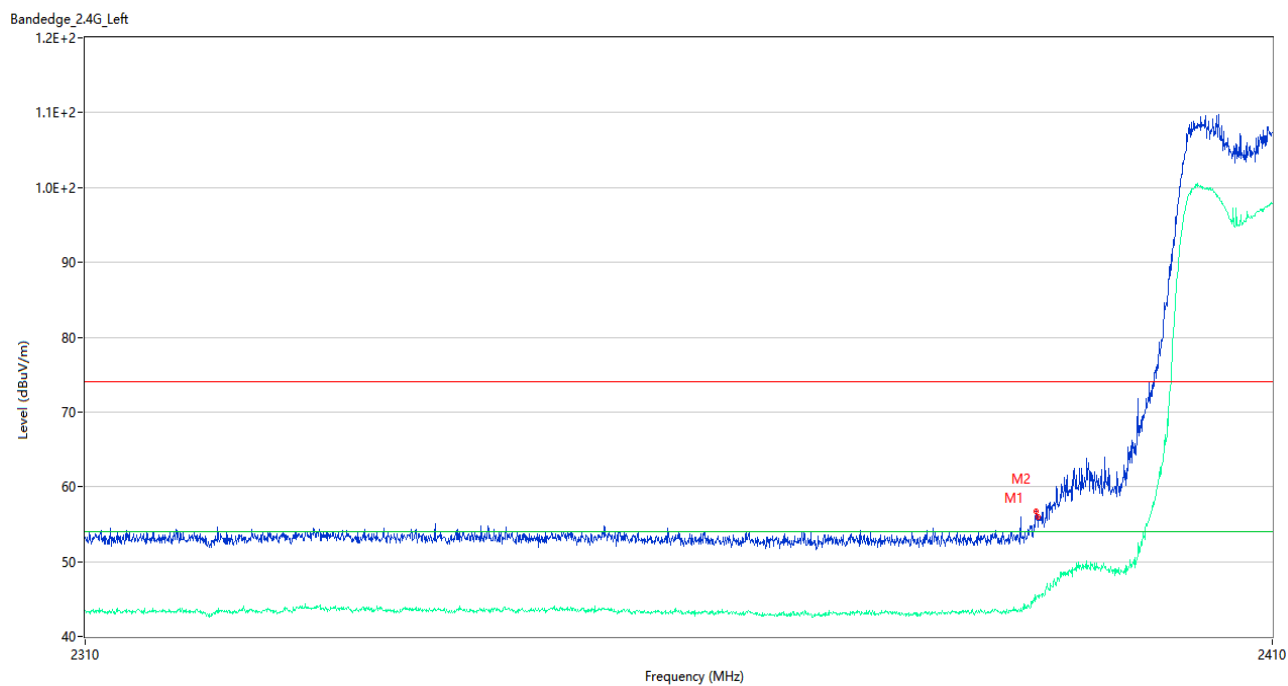
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.900	58.63	-1.86	74.0	15.37	Peak	239.00	100	Vertical	Pass
1**	2388.900	45.51	-1.86	54.0	8.49	AV	239.00	100	Vertical	Pass
2	2389.950	56.91	-1.82	74.0	17.09	Peak	249.00	150	Vertical	Pass
2**	2389.950	46.56	-1.82	54.0	7.44	AV	249.00	150	Vertical	Pass

802.11n40 HIGH CHANNEL



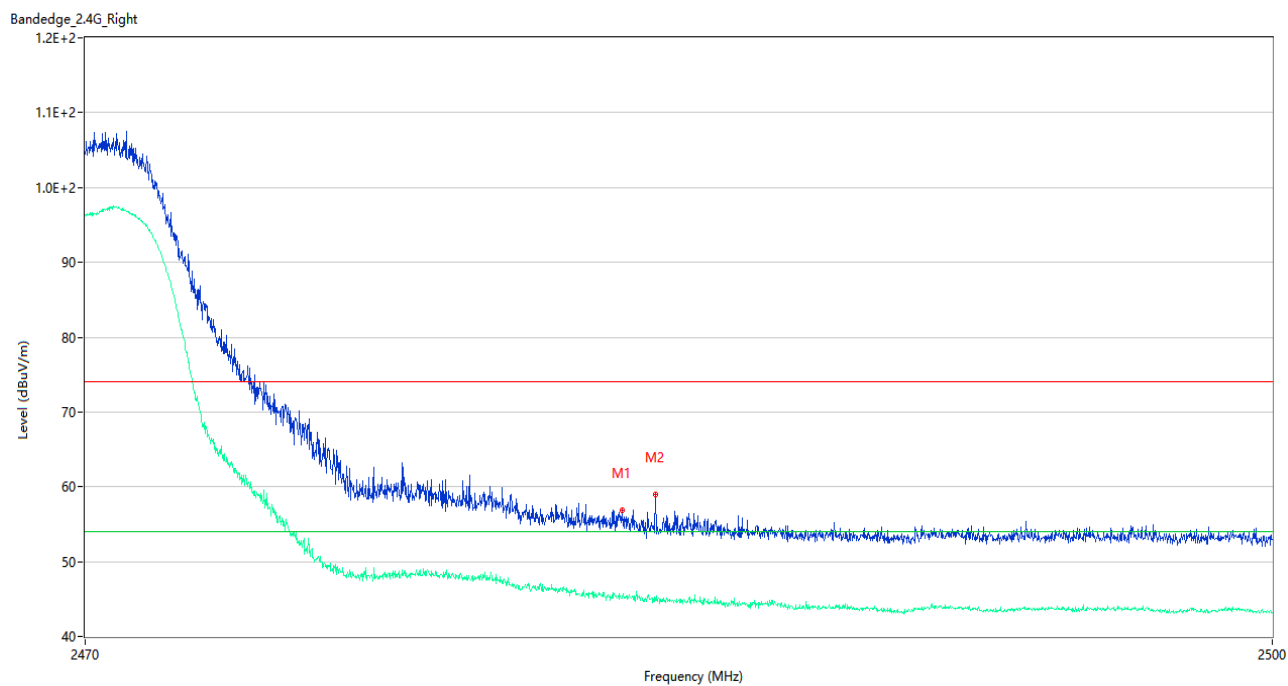
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	59.46	-1.09	74.0	14.54	Peak	237.00	200	Vertical	Pass
1**	2483.590	47.03	-1.09	54.0	6.97	AV	237.00	200	Vertical	Pass
2	2483.860	58.87	-1.04	74.0	15.13	Peak	247.00	100	Vertical	Pass
2**	2483.860	46.93	-1.04	54.0	7.07	AV	247.00	100	Vertical	Pass

802.11ax20(SU) LOW CHANNEL



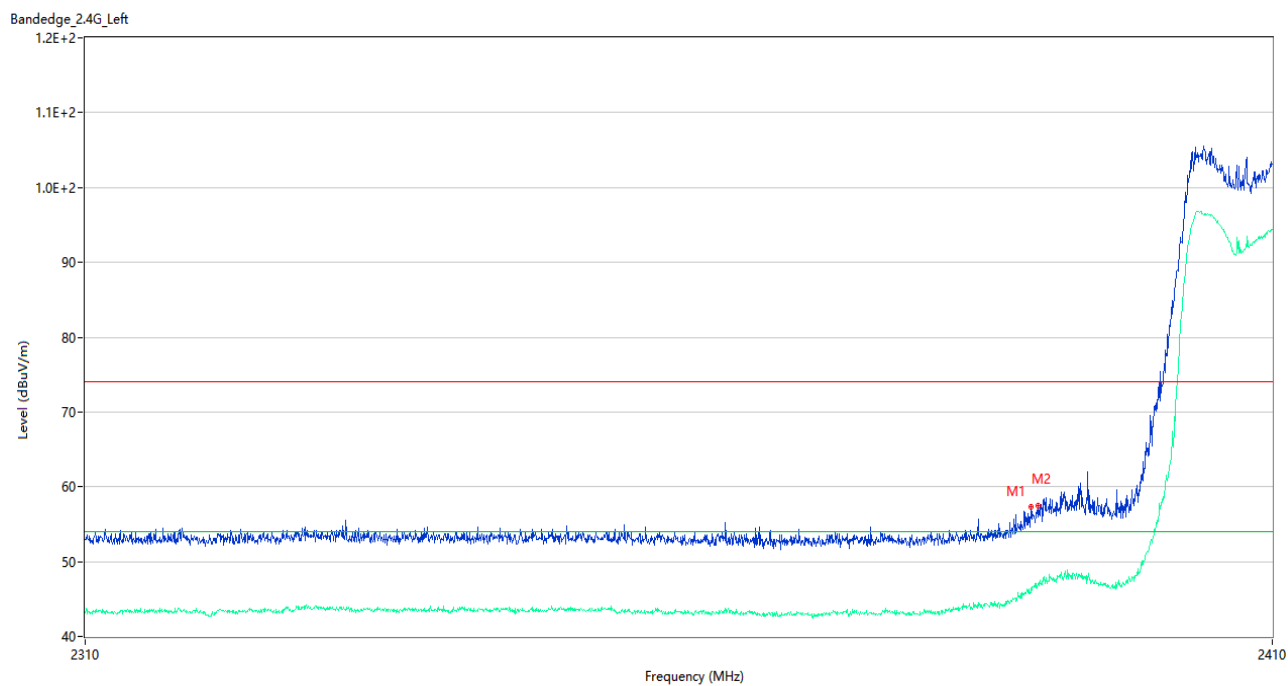
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	56.74	-1.77	74.0	17.26	Peak	235.00	150	Vertical	Pass
1**	2389.750	45.04	-1.77	54.0	8.96	AV	235.00	150	Vertical	Pass
2	2389.950	55.96	-1.82	74.0	18.04	Peak	254.00	200	Vertical	Pass
2**	2389.950	45.37	-1.82	54.0	8.63	AV	254.00	200	Vertical	Pass

802.11 ax20(SU) HIGH CHANNEL



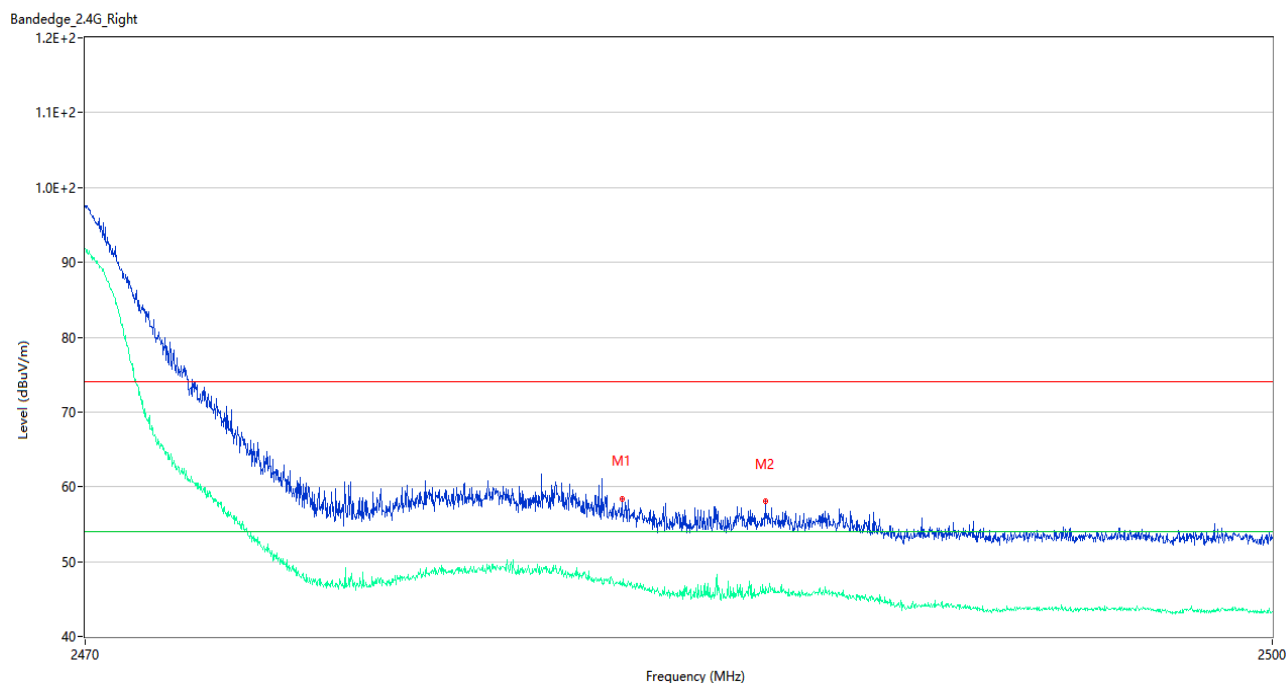
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	56.82	-1.10	74.0	17.18	Peak	168.00	100	Vertical	Pass
1**	2483.515	45.15	-1.10	54.0	8.85	AV	168.00	100	Vertical	Pass
2	2484.370	59.01	-1.19	74.0	14.99	Peak	241.00	200	Vertical	Pass
2**	2484.370	44.76	-1.19	54.0	9.24	AV	241.00	200	Vertical	Pass

802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.300	57.26	-1.83	74.0	16.74	Peak	252.00	150	Vertical	Pass
1**	2389.300	45.83	-1.83	54.0	8.17	AV	252.00	150	Vertical	Pass
2	2389.950	57.53	-1.82	74.0	16.47	Peak	252.00	200	Vertical	Pass
2**	2389.950	46.89	-1.82	54.0	7.11	AV	252.00	200	Vertical	Pass

802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	58.44	-1.10	74.0	15.56	Peak	244.00	200	Vertical	Pass
1**	2483.515	47.14	-1.10	54.0	6.86	AV	244.00	200	Vertical	Pass
2	2487.145	58.09	-0.90	74.0	15.91	Peak	249.00	150	Vertical	Pass
2**	2487.145	45.75	-0.90	54.0	8.25	AV	249.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Note 1: All antenna were tested, but only the worst case has been reported in this report.

Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note 3: The 802.11ax mode of the EUT only support full RU size configuration.

Test Data

MIMO-Antenna 1

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.53	8
Middle	-10.44	8
High	-9.30	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.86	8
Middle	-12.41	8
High	-11.34	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.81	8
Middle	-11.44	8
High	-11.87	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.07	8
Middle	-15.45	8
High	-14.31	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.11	8
Middle	-13.22	8
High	-13.70	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.27	8
Middle	-16.80	8
High	-16.37	8

MIMO-Antenna 2

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.46	8
Middle	-11.18	8
High	-11.18	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.14	8
Middle	-14.01	8
High	-14.03	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.57	8
Middle	-13.19	8
High	-12.77	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.12	8
Middle	-16.03	8
High	-16.25	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.01	8
Middle	-13.58	8
High	-13.61	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.60	8
Middle	-16.89	8
High	-15.86	8

MIMO

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.48	8
Middle	-7.79	8
High	-7.13	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.48	8
Middle	-10.13	8
High	-9.46	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.17	8
Middle	-9.22	8
High	-9.29	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.08	8
Middle	-12.72	8
High	-12.16	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.05	8
Middle	-10.39	8
High	-10.64	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.42	8
Middle	-13.83	8
High	-13.09	8

Test Plots

MIMO-Antenna 1

802.11b LOW CHANNEL



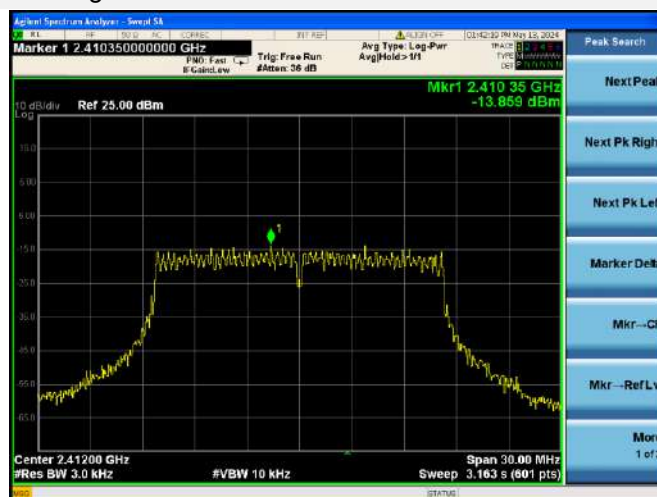
802.11b MIDDLE CHANNEL



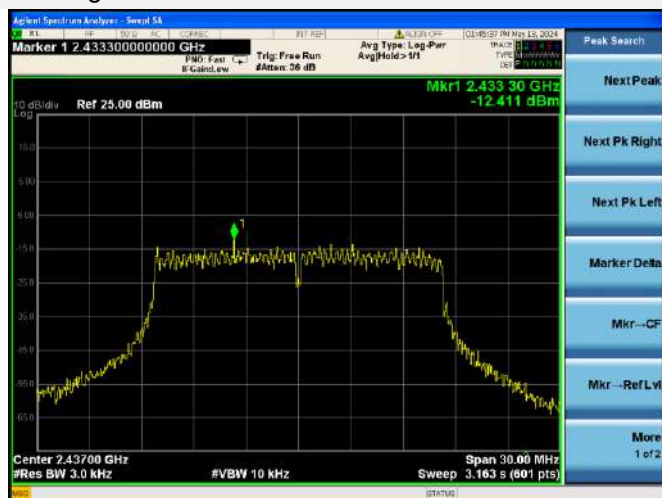
802.11b HIGH CHANNEL



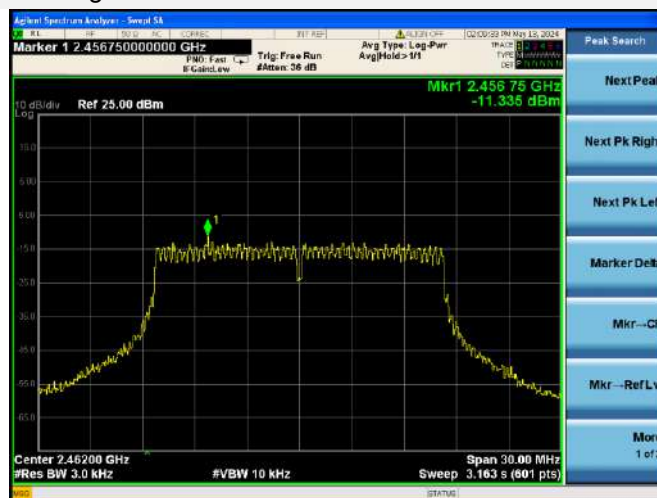
802.11g LOW CHANNEL



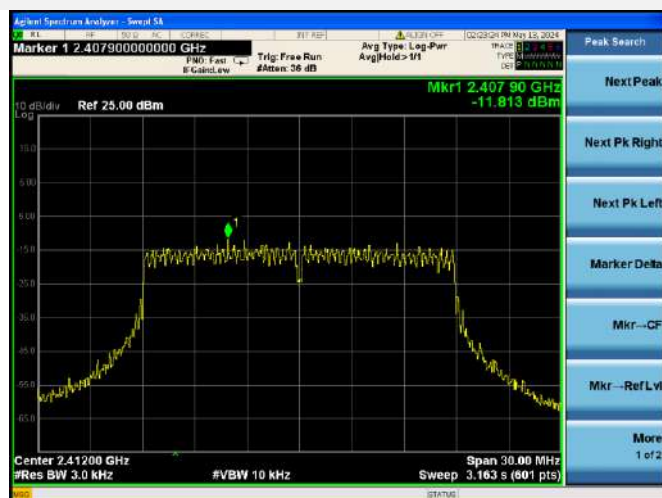
802.11g MIDDLE CHANNEL



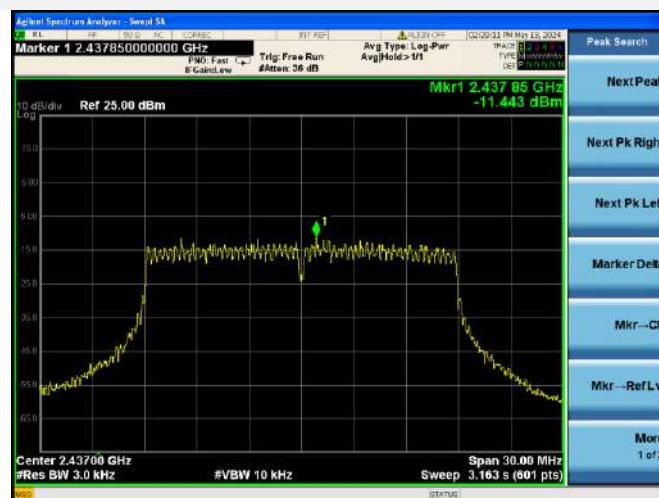
802.11g HIGH CHANNEL



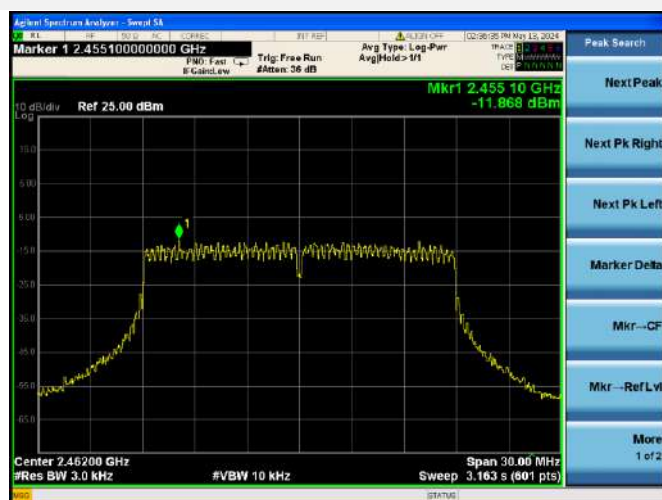
802.11n-20 MHz LOW CHANNEL



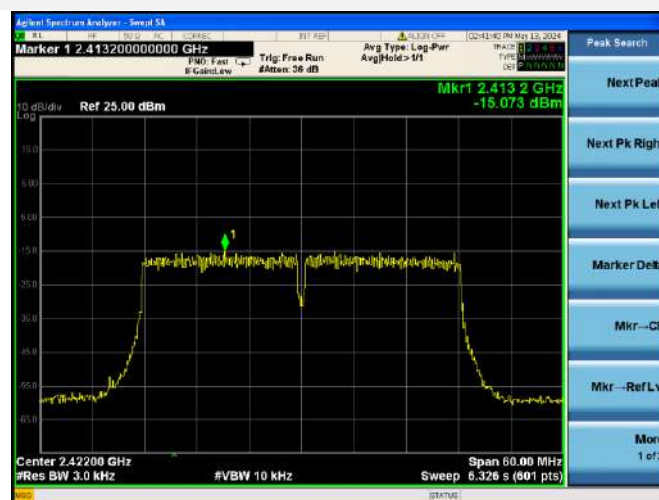
802.11n-20 MHz MIDDLE CHANNEL



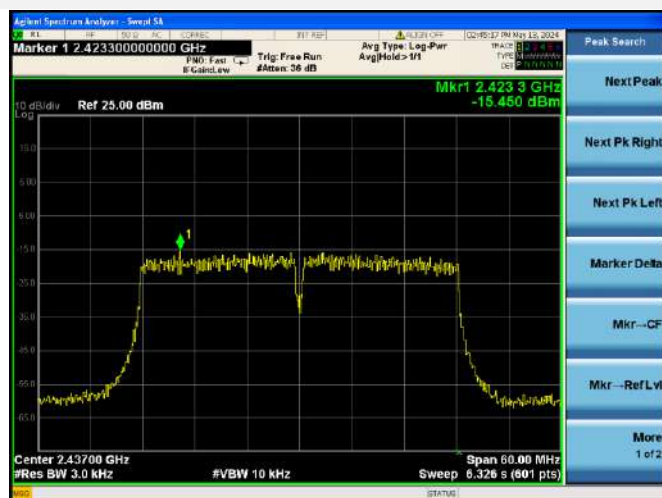
802.11n-20 MHz HIGH CHANNEL



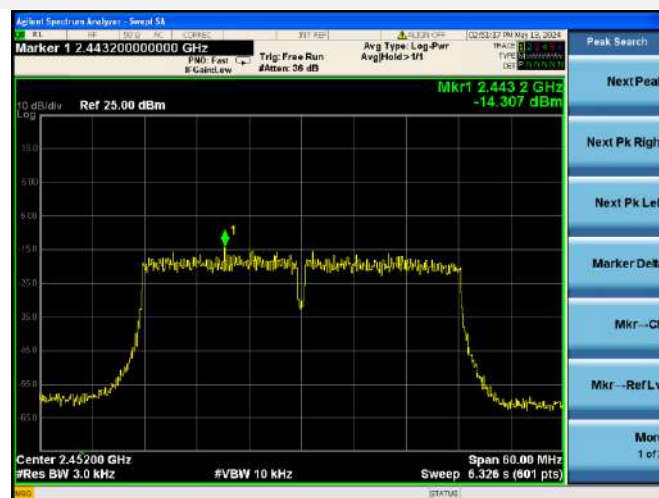
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



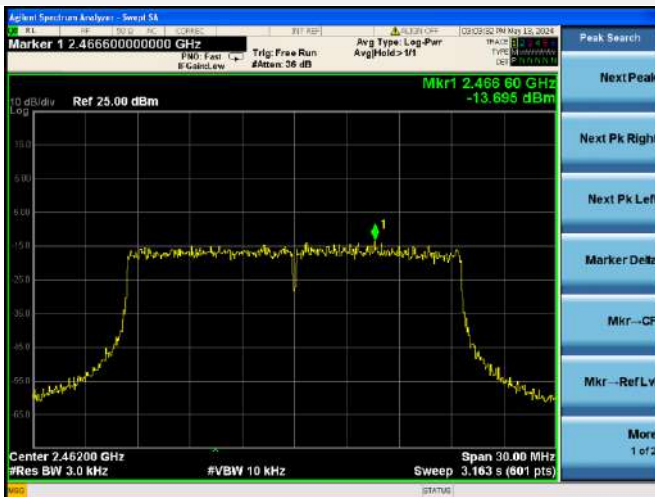
802.11ax-20 MHz(SU) LOW CHANNEL



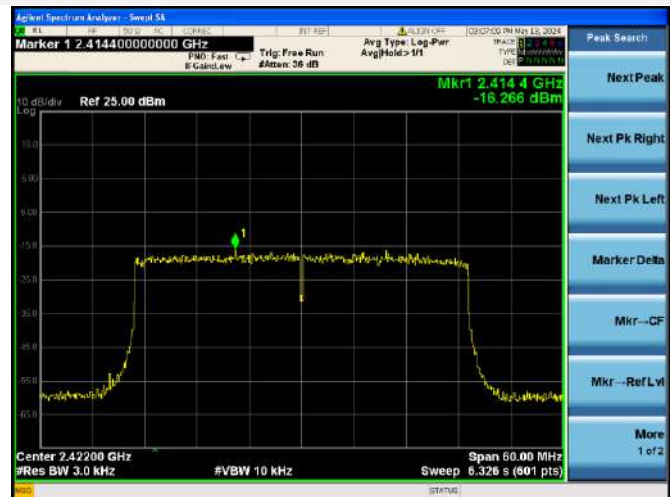
802.11ax-20 MHz(SU) MIDDLE CHANNEL



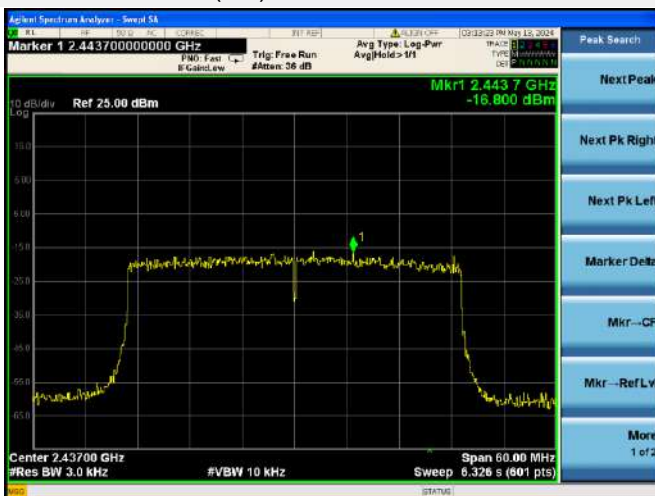
802.11ax-20 MHz(SU) HIGH CHANNEL



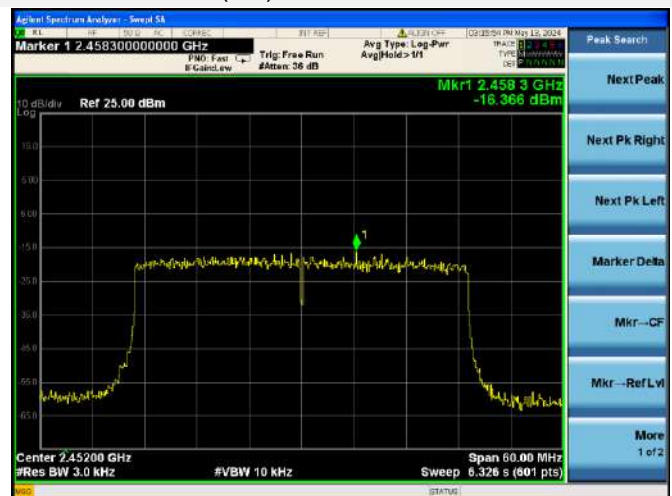
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



MIMO-Antenna 2

802.11b LOW CHANNEL



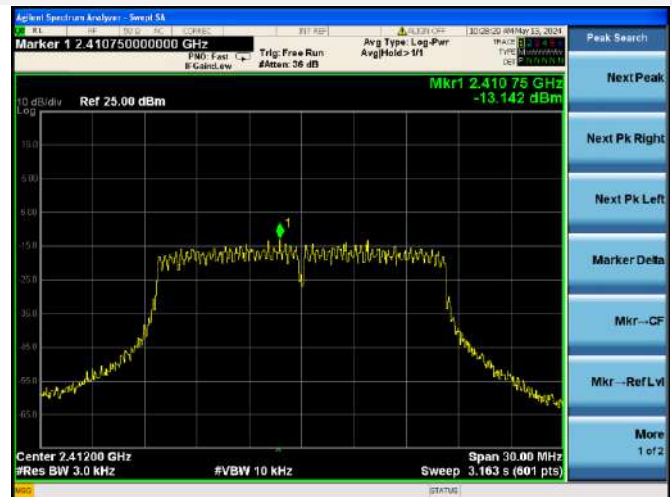
802.11b MIDDLE CHANNEL



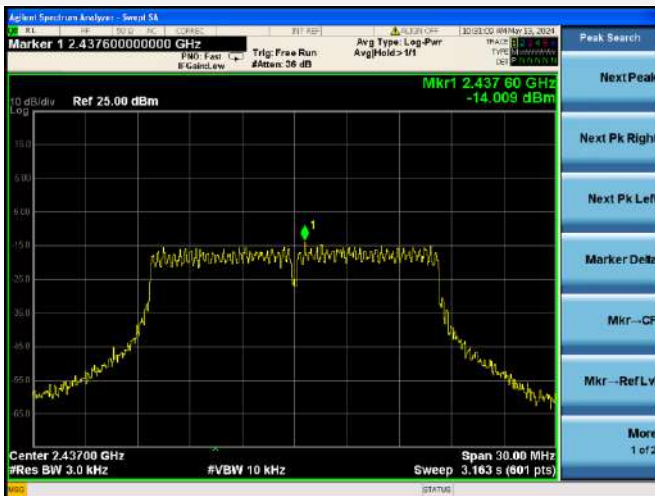
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



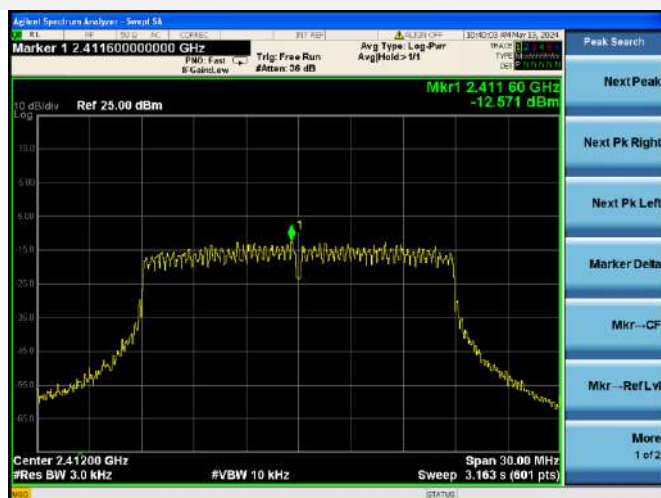
802.11g MIDDLE CHANNEL



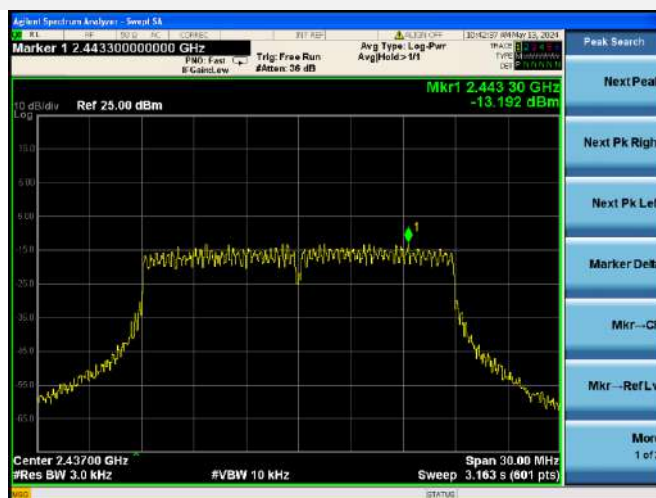
802.11g HIGH CHANNEL



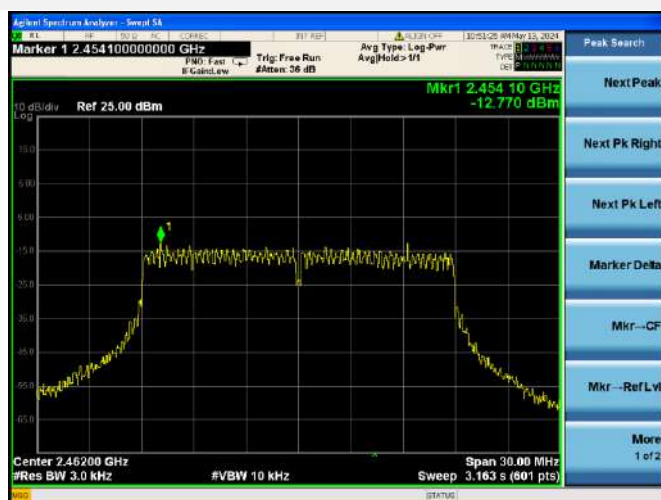
802.11n-20 MHz LOW CHANNEL



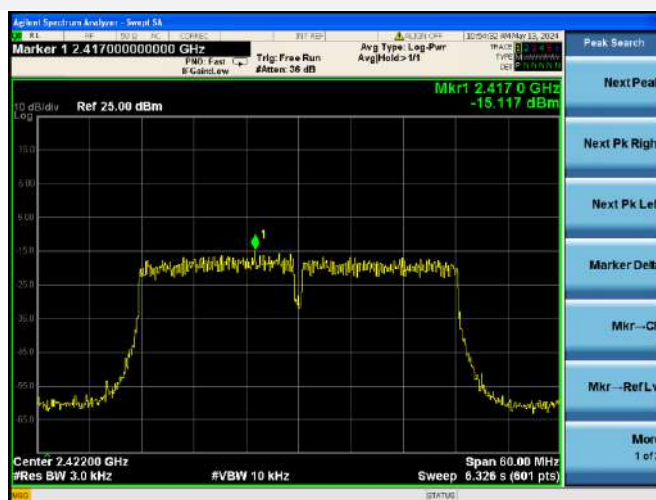
802.11n-20 MHz MIDDLE CHANNEL



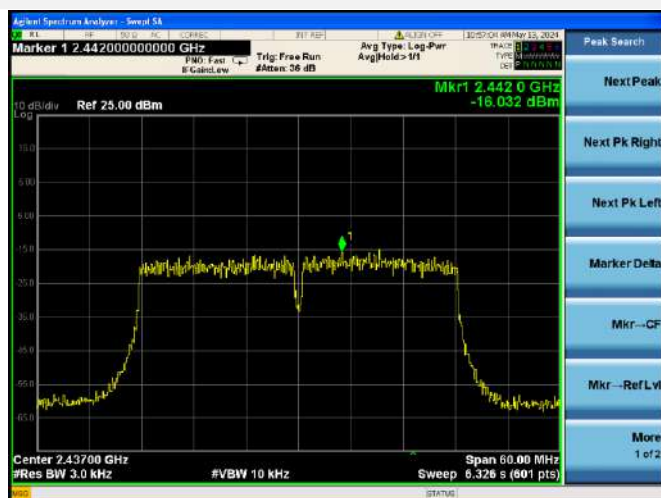
802.11n-20 MHz HIGH CHANNEL



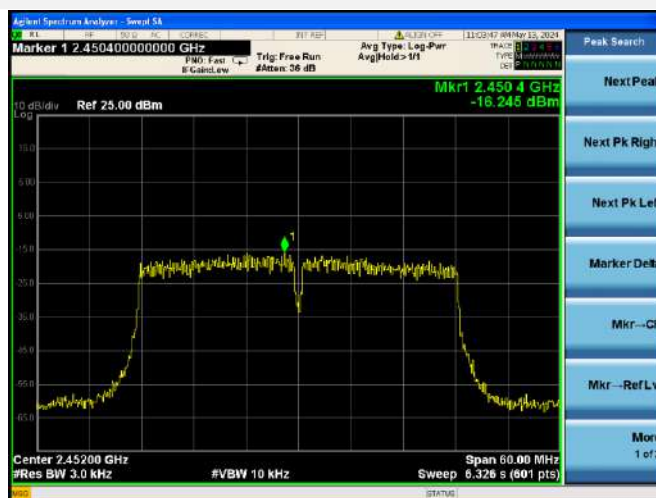
802.11n-40 MHz LOW CHANNEL



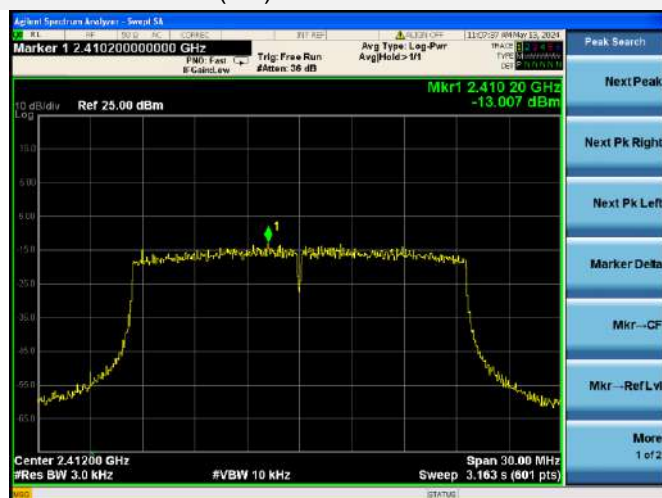
802.11n-40 MHz MIDDLE CHANNEL



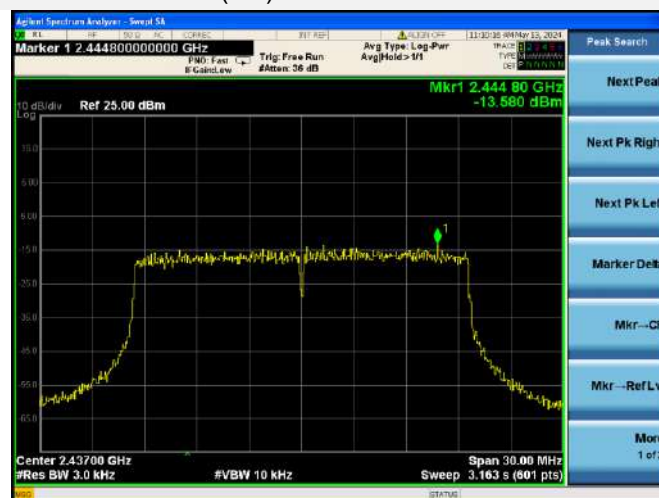
802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



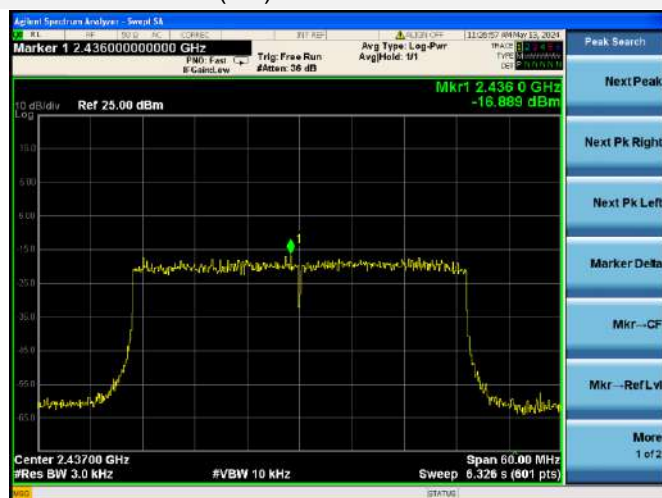
802.11ax-20 MHz(SU) HIGH CHANNEL



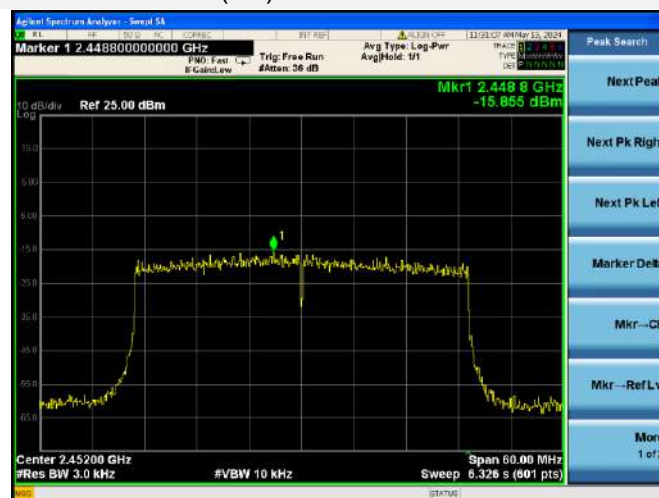
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2420556-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2420556-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2420556-AI.PDF”.

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--END OF REPORT--