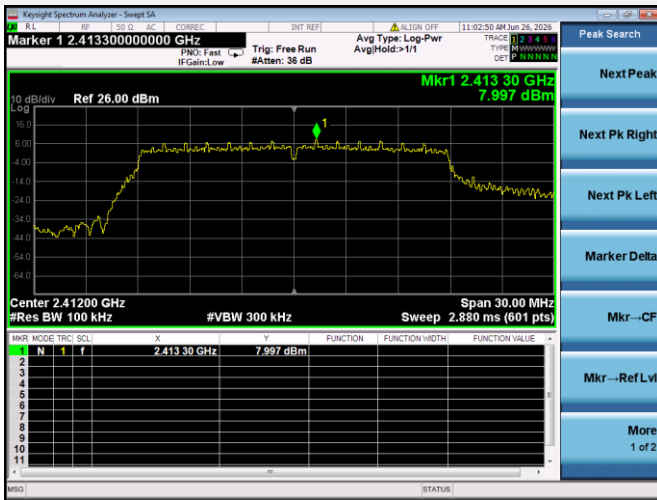
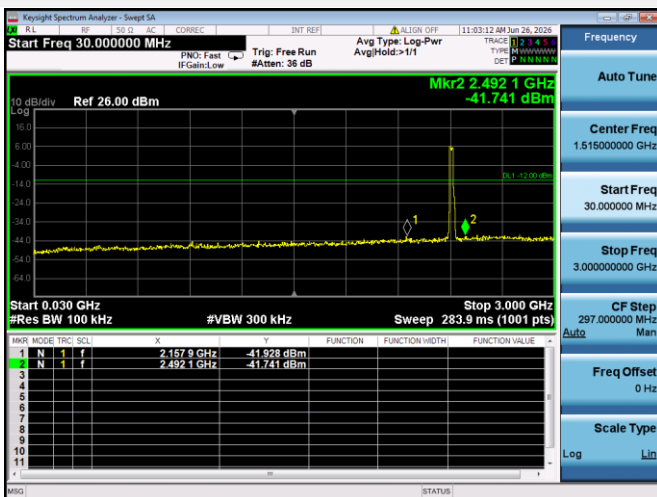
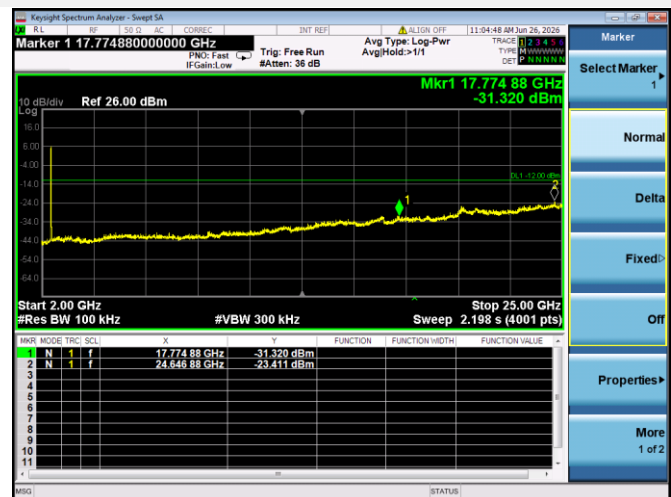
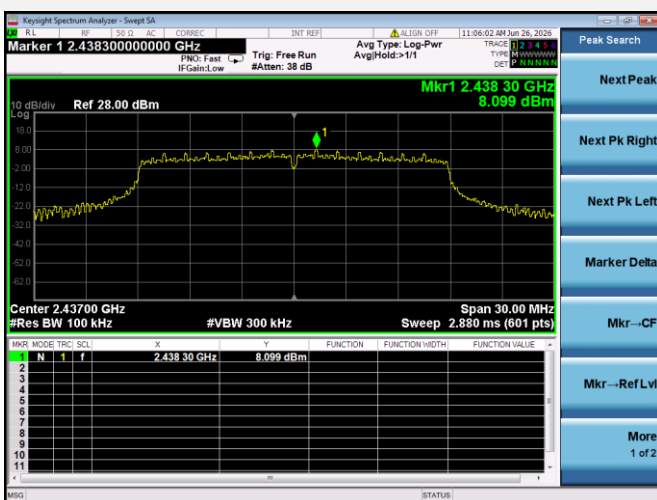


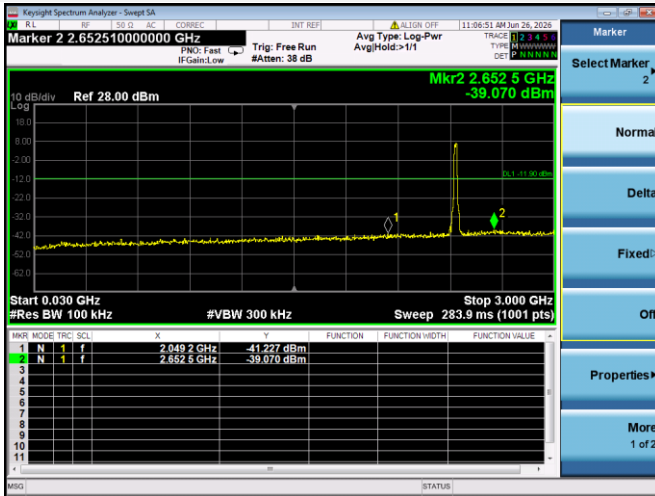
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

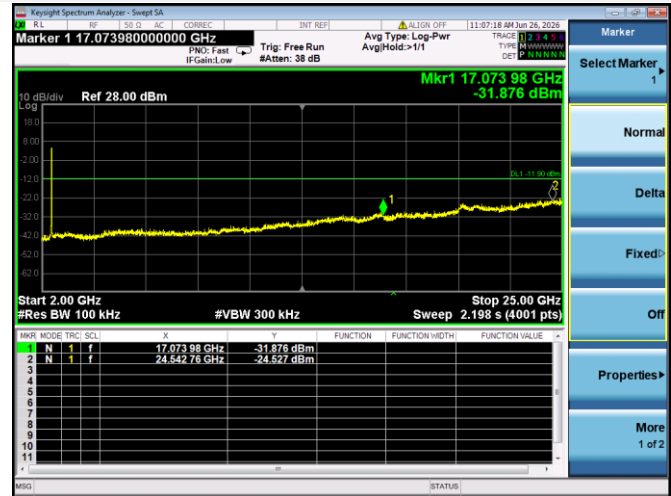
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



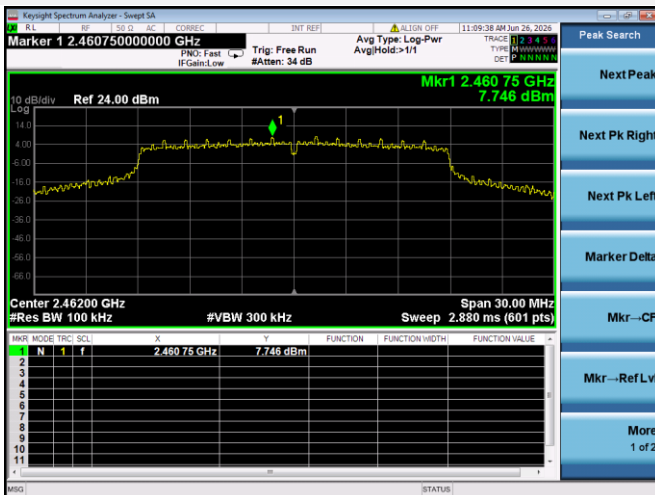
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



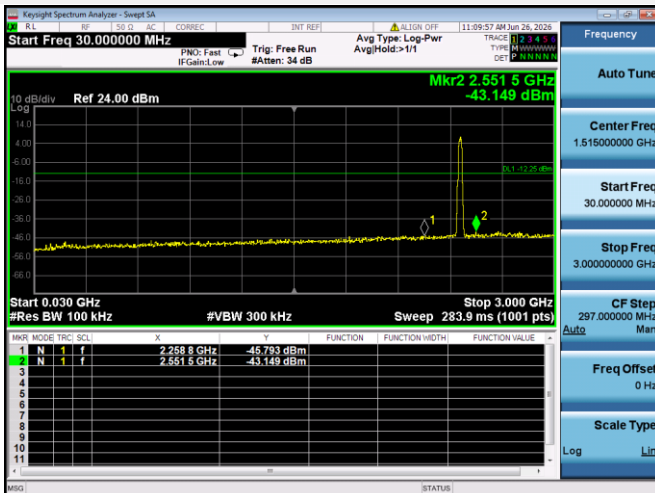
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



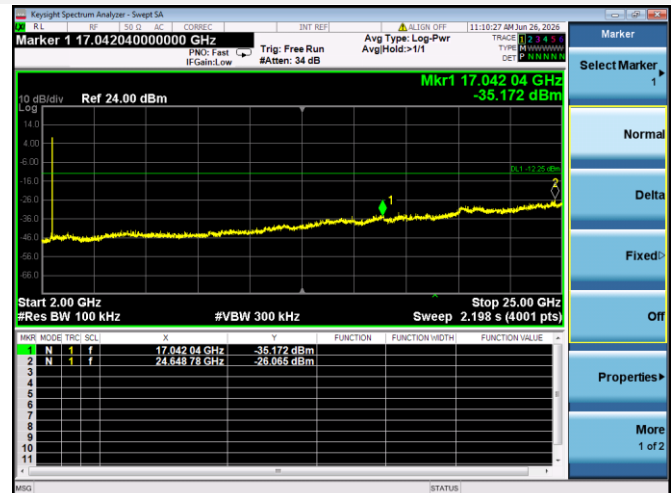
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



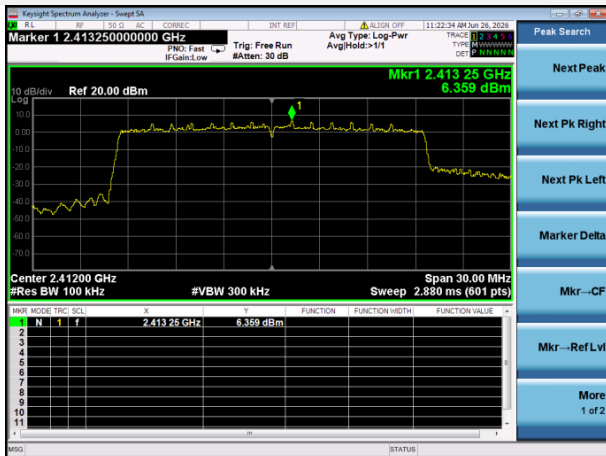
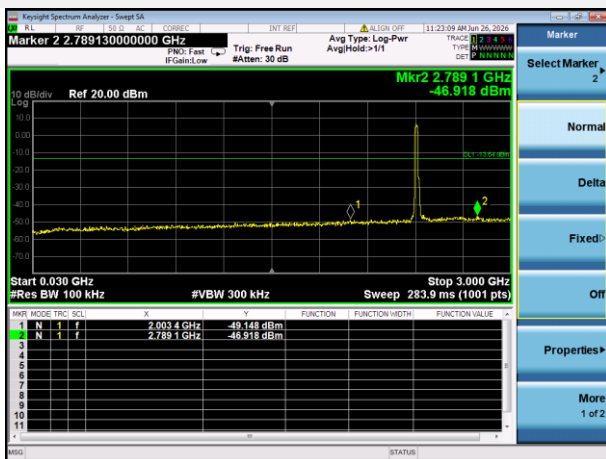
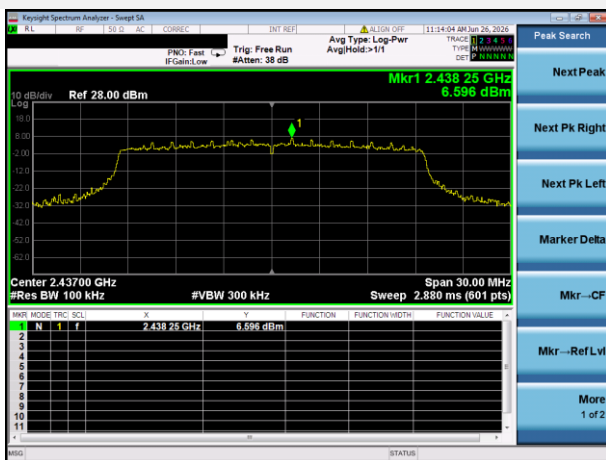
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



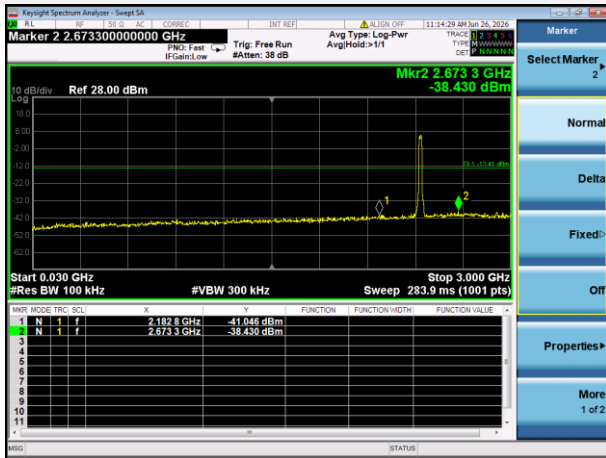
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



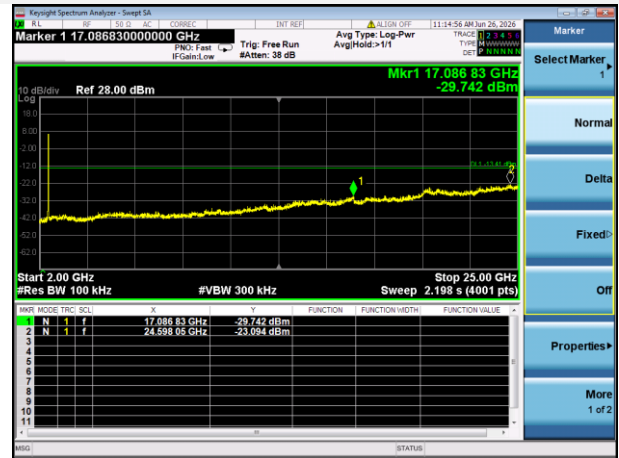
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

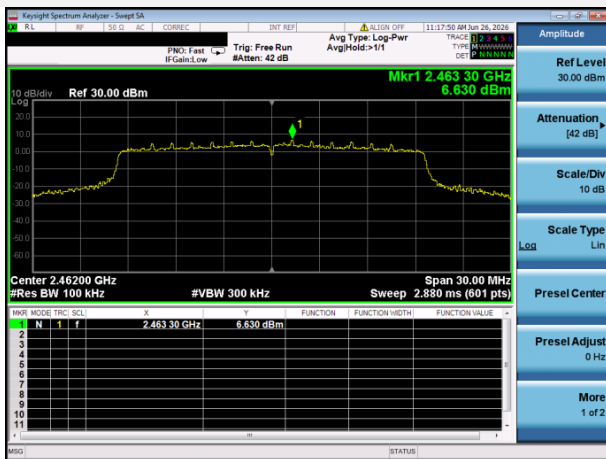
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



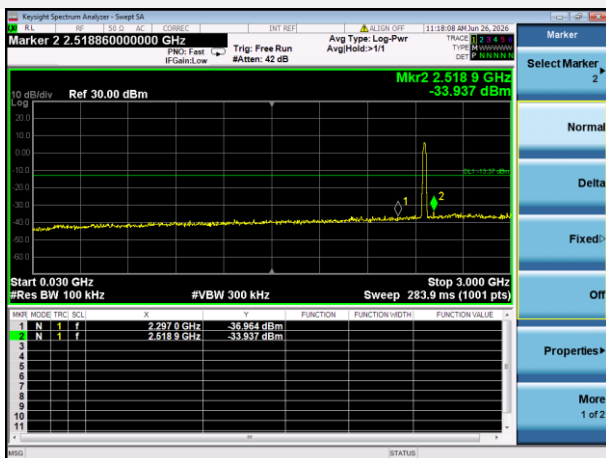
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



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

Note¹: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note³: All antenna were pre tested, but only the worst case has been reported in this report.

ANT1

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.54	11.29	-8.71	Pass
High Channel	-48.05	11.46	-8.54	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-44.53	7.87	-12.14	Pass
High Channel	-46.51	8.15	-11.85	Pass

802.11n-20 MHz Mode:

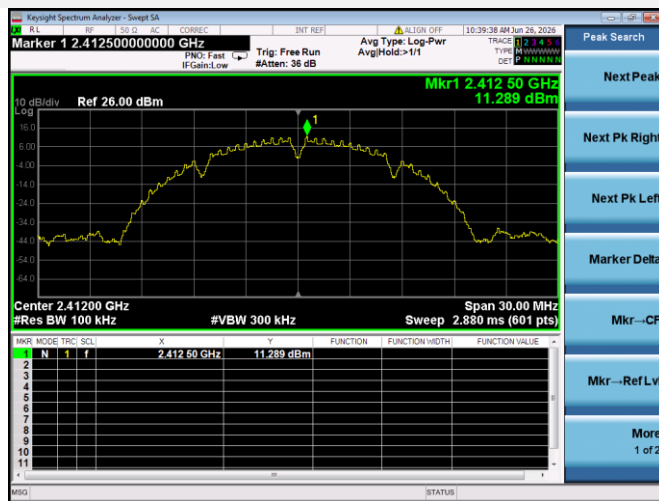
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-43.74	8.00	-12.00	Pass
High Channel	-45.81	7.75	-12.25	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.44	6.36	-13.64	Pass
High Channel	-46.56	6.63	-13.37	Pass

Test Plots

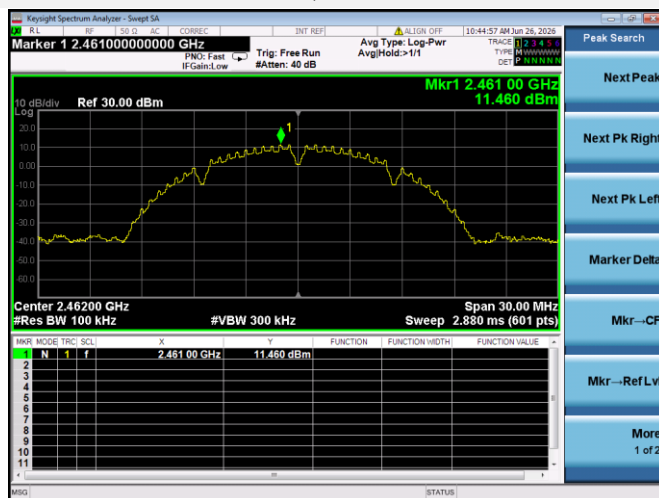
802.11b LOW CHANNEL, CARRIER LEVEL



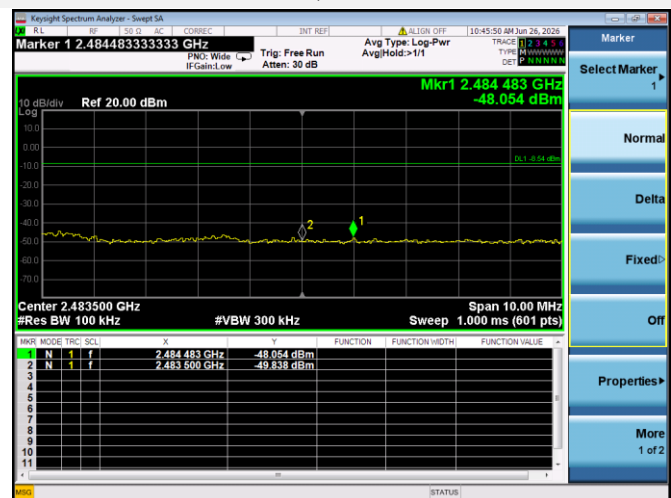
802.11b LOW CHANNEL, BAND EDGE



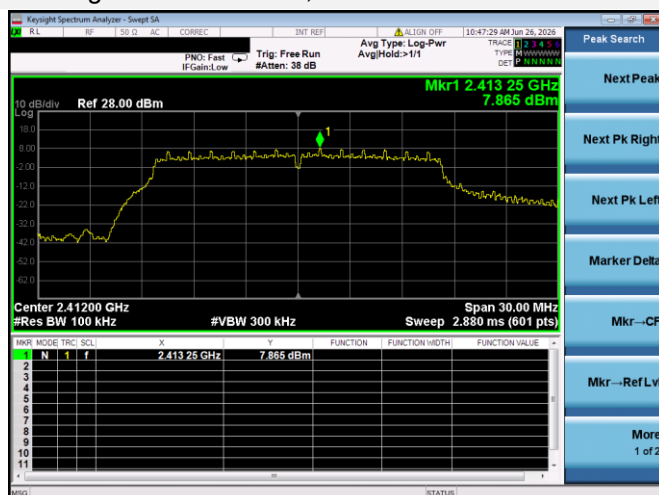
802.11b HIGH CHANNEL, CARRIER LEVEL



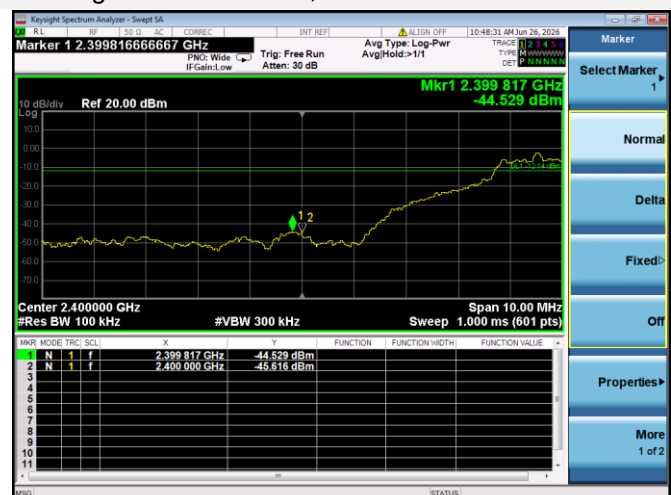
802.11b HIGH CHANNEL, BAND EDGE



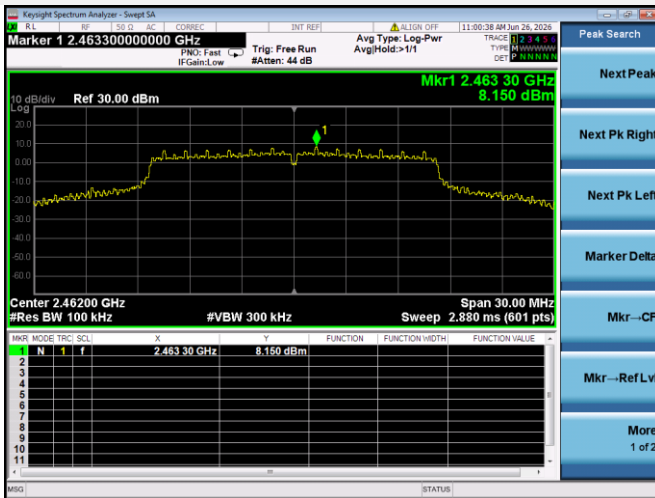
802.11g LOW CHANNEL, CARRIER LEVEL



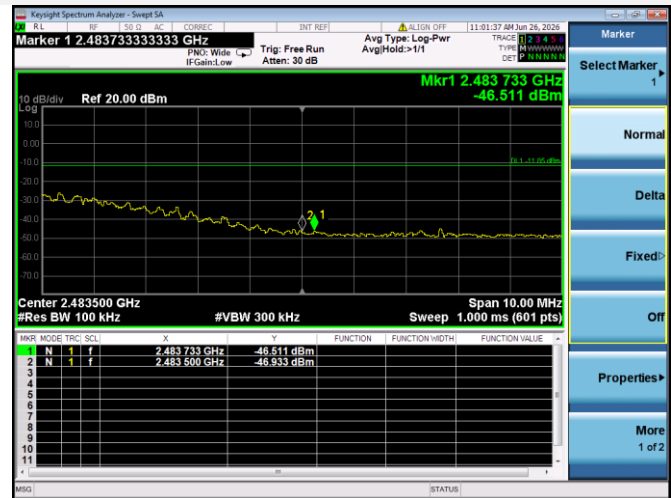
802.11g LOW CHANNEL, BAND EDGE



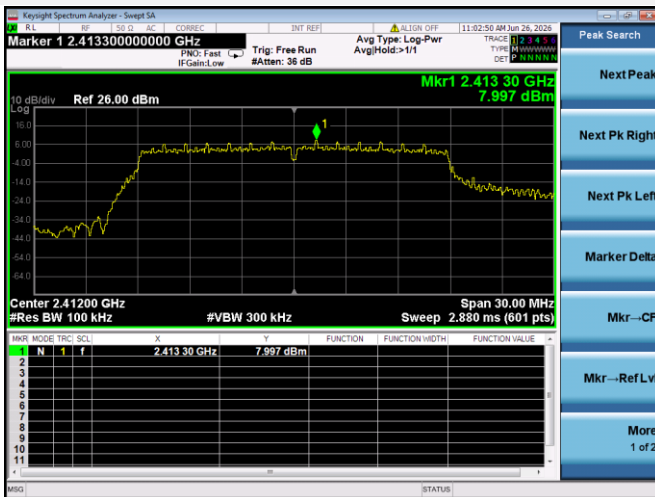
802.11g HIGH CHANNEL, CARRIER LEVEL



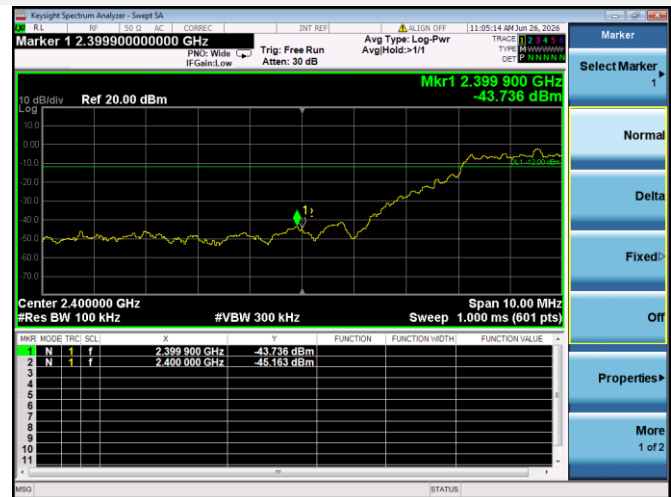
802.11g HIGH CHANNEL, BAND EDGE



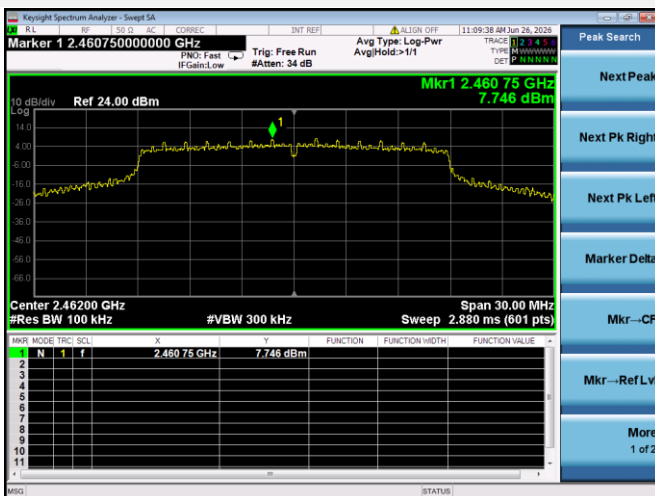
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



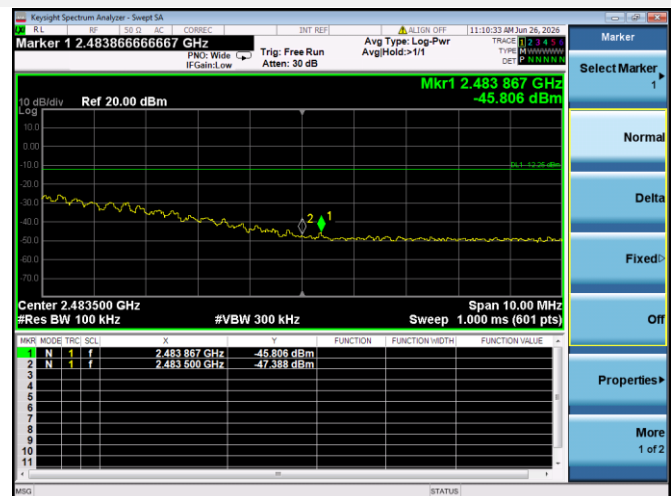
802.11n-20 MHz LOW CHANNEL, BAND EDGE



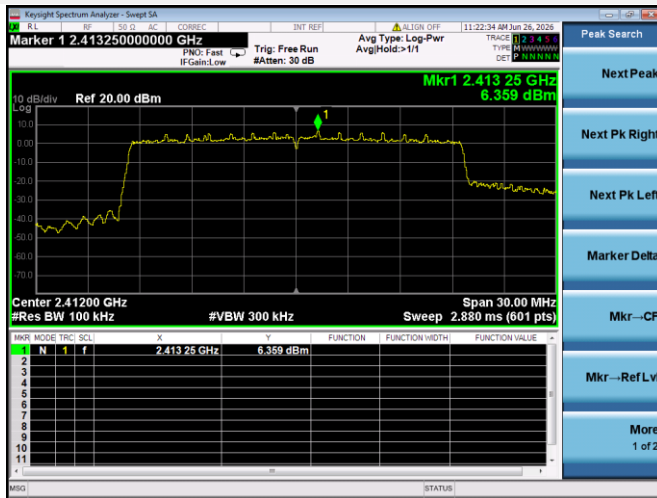
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



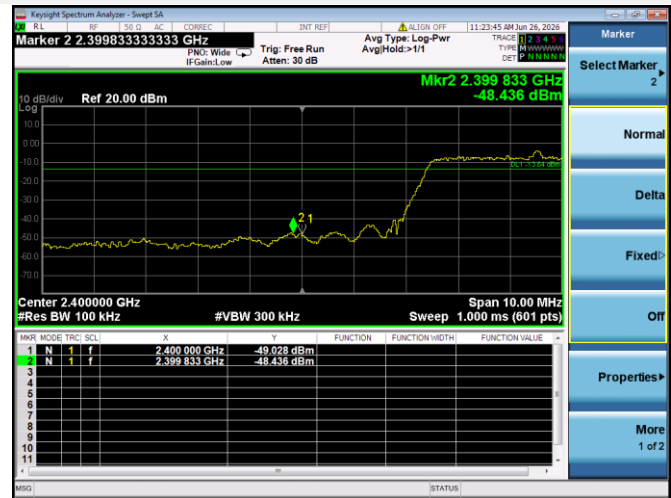
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



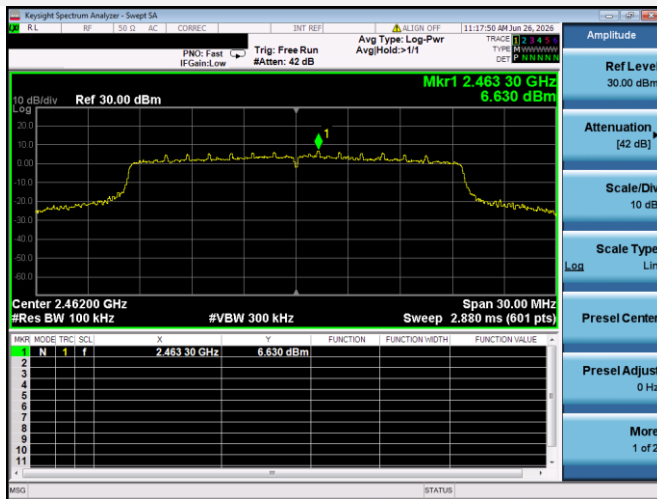
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



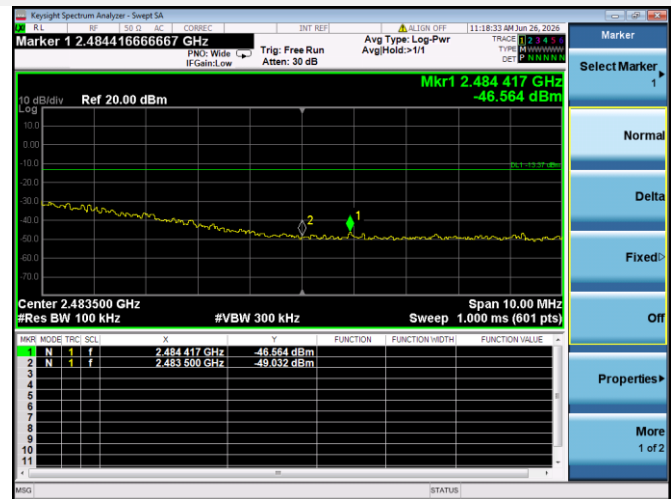
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



A.5 Conducted Emissions

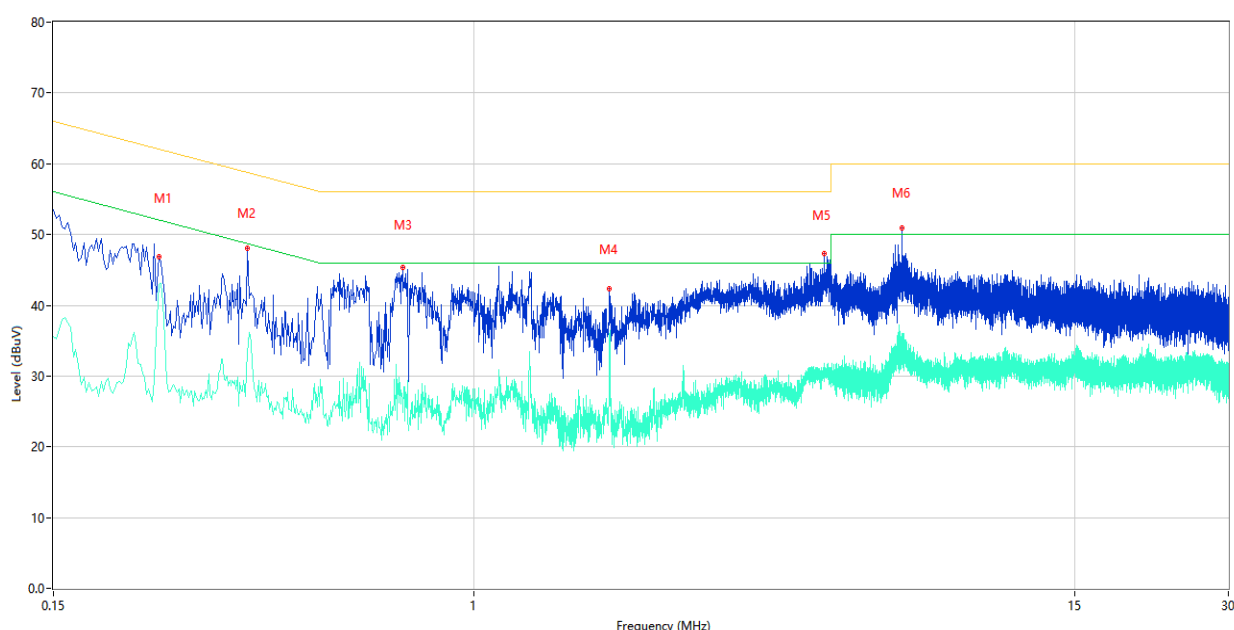
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

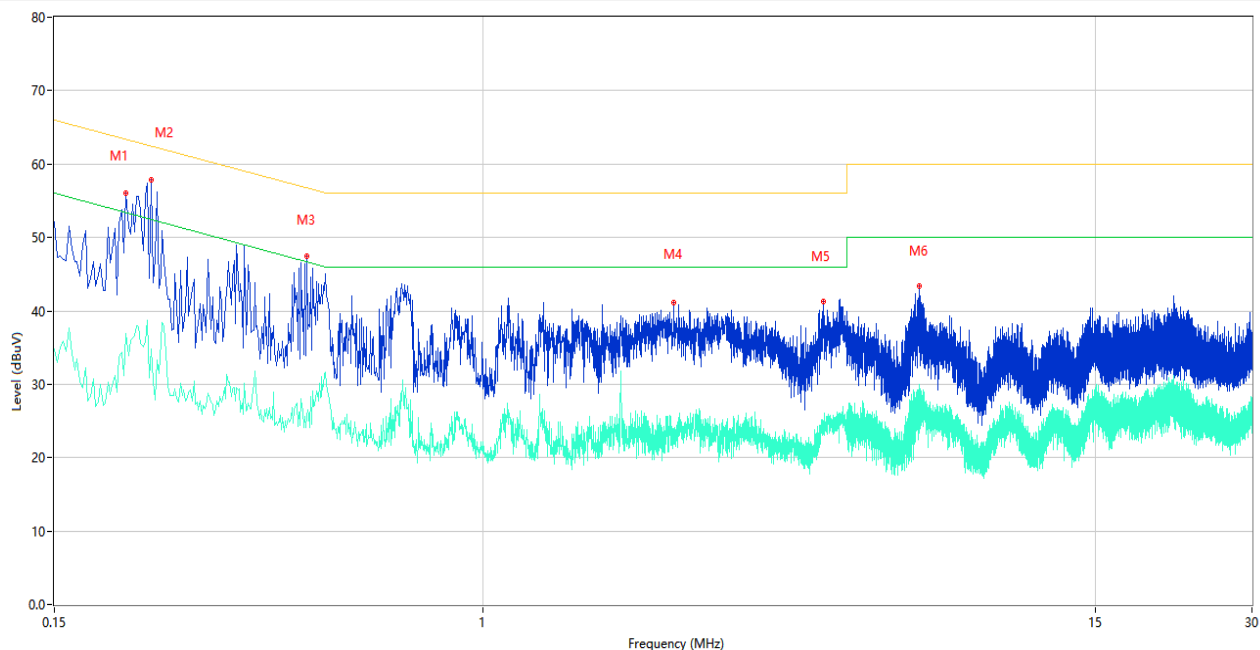
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.242	46.82	10.24	62.03	15.21	Peak	L	Pass
1**	0.242	42.91	10.24	52.03	9.12	AV	L	Pass
2	0.360	48.10	10.24	58.73	10.63	Peak	L	Pass
2**	0.360	33.32	10.24	48.73	15.41	AV	L	Pass
3	0.724	45.32	10.26	56.00	10.68	Peak	L	Pass
3**	0.724	26.89	10.26	46.00	19.11	AV	L	Pass
4	1.840	42.37	10.38	56.00	13.63	Peak	L	Pass
4**	1.840	33.45	10.38	46.00	12.55	AV	L	Pass
5	4.858	47.30	10.76	56.00	8.70	Peak	L	Pass
5**	4.858	31.00	10.76	46.00	15.00	AV	L	Pass
6	6.896	50.96	11.13	60.00	9.04	Peak	L	Pass
6**	6.896	34.44	11.13	50.00	15.56	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.206	55.98	10.16	63.37	7.39	Peak	N	Pass
1**	0.206	36.86	10.16	53.37	16.51	AV	N	Pass
2	0.230	57.88	10.16	62.45	4.57	Peak	N	Pass
2**	0.230	34.77	10.16	52.45	17.68	AV	N	Pass
3	0.458	47.42	10.17	56.73	9.31	Peak	N	Pass
3**	0.458	25.55	10.17	46.73	21.18	AV	N	Pass
4	2.322	41.16	10.34	56.00	14.84	Peak	N	Pass
4**	2.322	22.64	10.34	46.00	23.36	AV	N	Pass
5	4.502	41.29	10.61	56.00	14.71	Peak	N	Pass
5**	4.502	24.55	10.61	46.00	21.45	AV	N	Pass
6	6.892	43.46	11.03	60.00	16.54	Peak	N	Pass
6**	6.892	27.21	11.03	50.00	22.79	AV	N	Pass

A.6 Radiated Emission

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

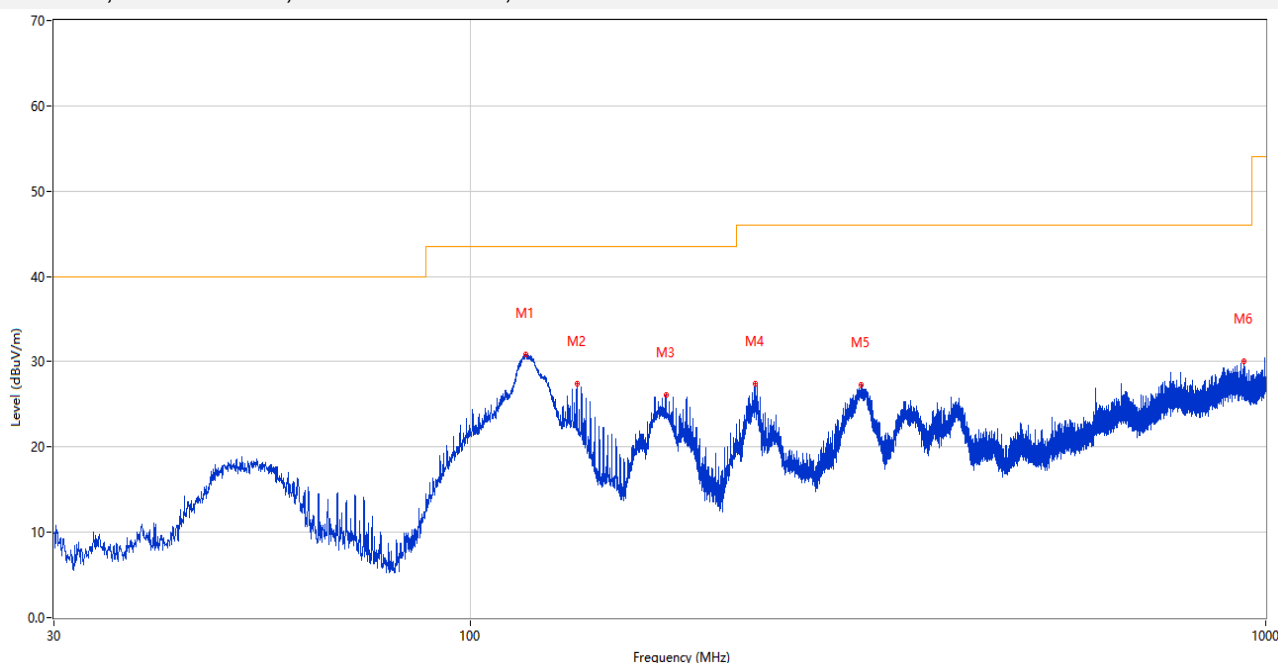
Note²: For the test data above 1 GHz, According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary 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.

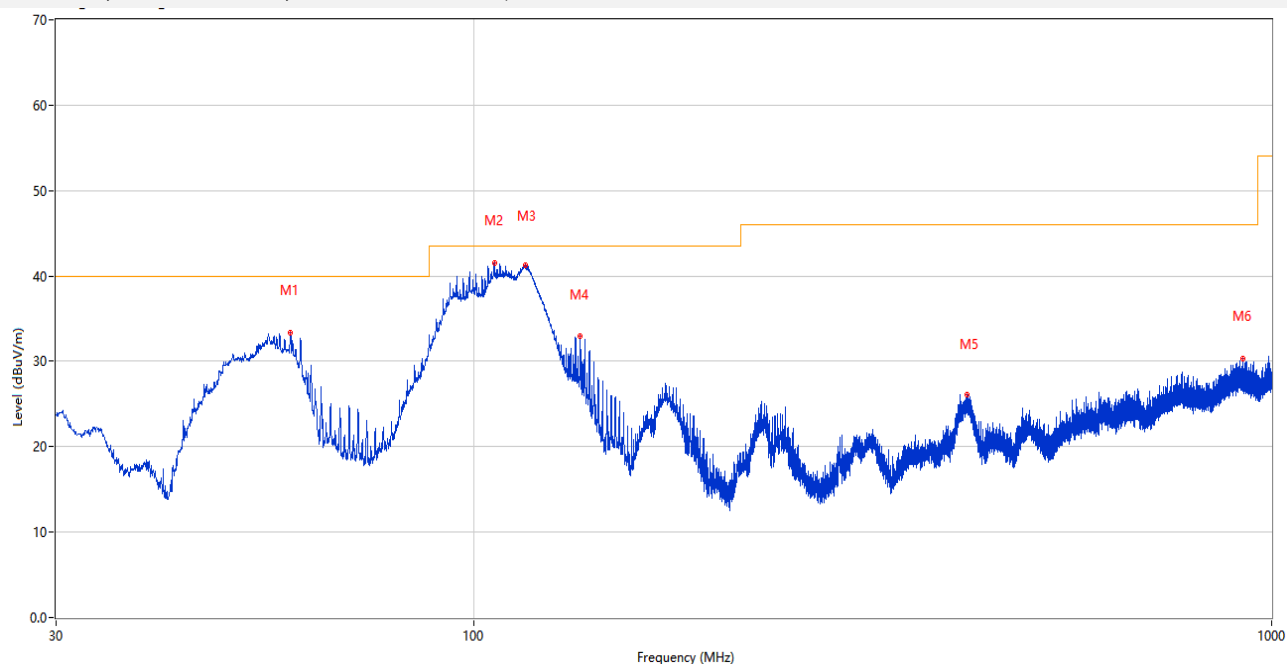
Test Data and Plots

802.11b, Low Channel, 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	117.640	30.78	-27.83	43.5	12.72	Peak	226.00	100	Horizontal	Pass
2	136.264	27.39	-29.71	43.5	16.11	Peak	224.00	100	Horizontal	Pass
3	176.227	26.14	-28.21	43.5	17.36	Peak	58.00	100	Horizontal	Pass
4	228.026	27.41	-25.48	46.0	18.59	Peak	223.00	100	Horizontal	Pass
5	310.427	27.25	-23.32	46.0	18.75	Peak	155.00	100	Horizontal	Pass
6	938.550	30.05	-8.62	46.0	15.95	Peak	102.00	100	Horizontal	Pass

802.11b, Low Channel, 30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.003	33.38	-25.95	40.0	6.62	Peak	96.00	100	Vertical	Pass
2	106.193	41.53	-25.89	43.5	1.97	Peak	263.00	100	Vertical	Pass
3	116.136	41.22	-27.48	43.5	2.28	Peak	190.00	100	Vertical	Pass
4	136.070	32.90	-29.70	43.5	10.60	Peak	215.00	100	Vertical	Pass
5	415.090	26.05	-20.02	46.0	19.95	Peak	137.00	100	Vertical	Pass
6	919.927	30.33	-8.55	46.0	15.67	Peak	6.00	200	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

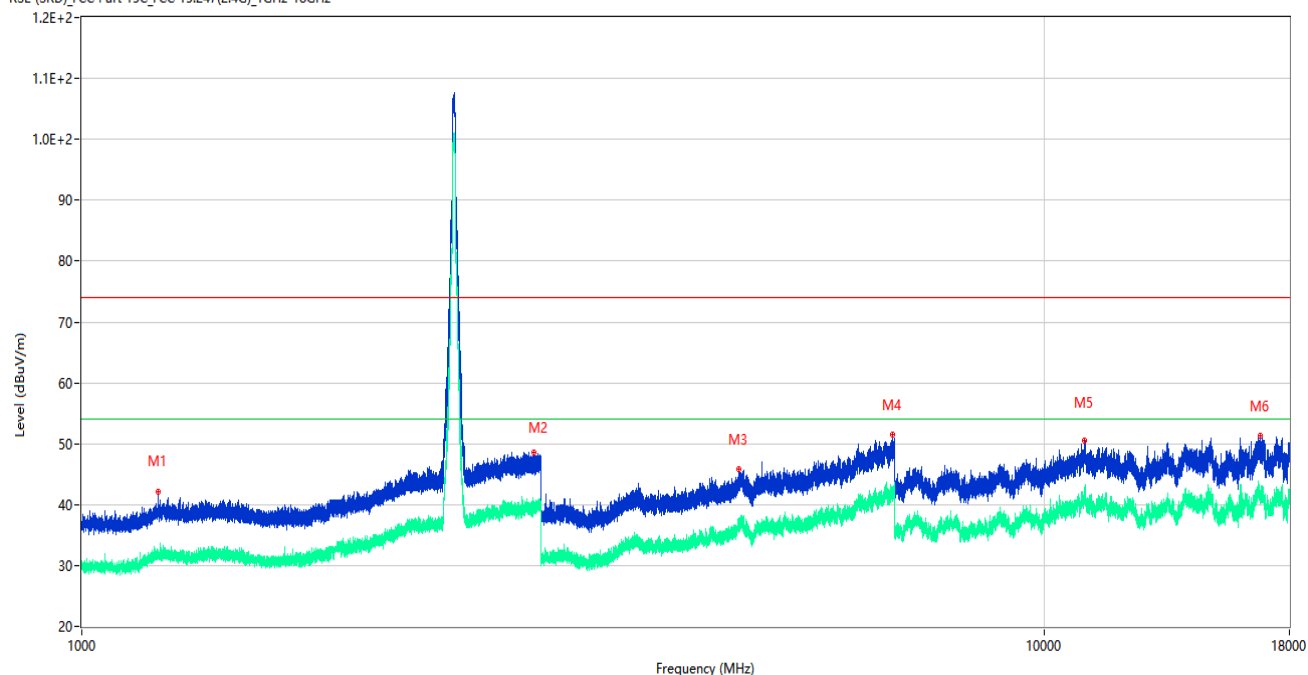
Note²: The spurious above 18G is noise only, do not show on the report.

Note³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note⁴: All antenna were pre tested, but only the worst case has been reported in this report.

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

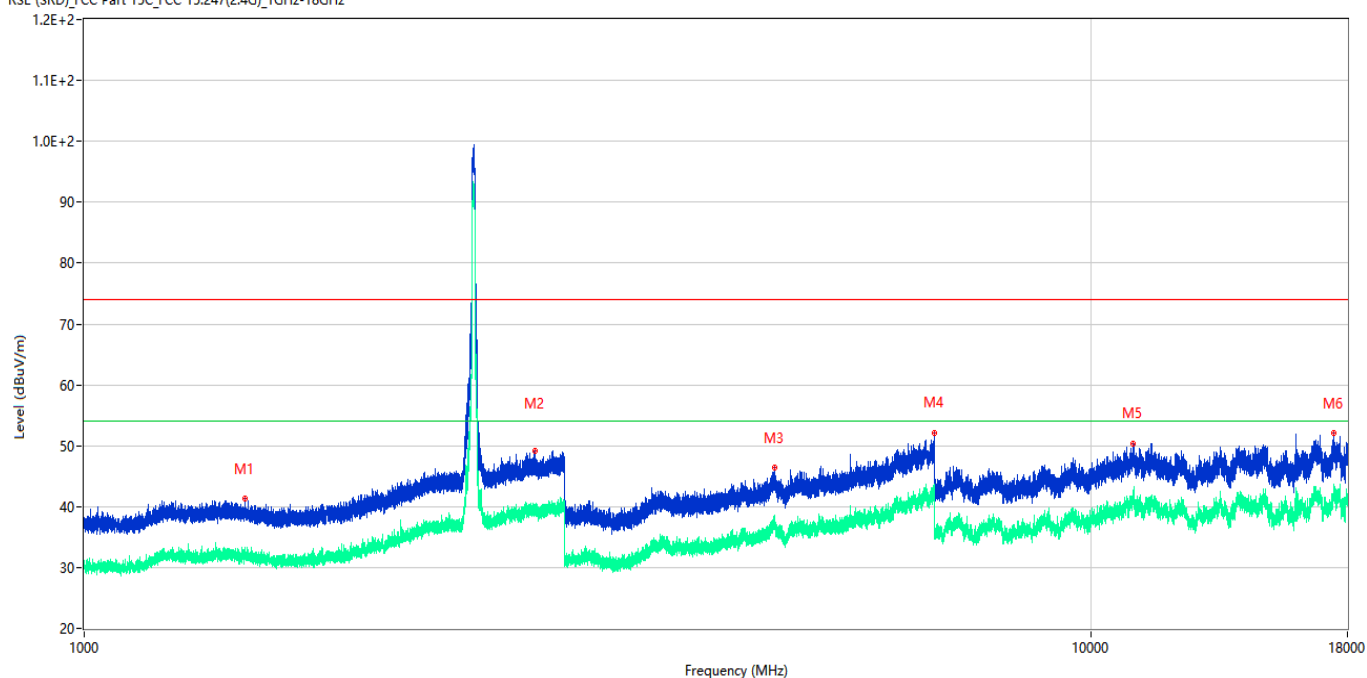
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.960	41.79	74.0	32.21	Peak	290.00	100	Horizontal	Pass
1**	1205.960	32.47	54.0	21.53	AV	290.00	100	Horizontal	Pass
2	2951.967	48.98	74.0	25.02	Peak	94.00	300	Horizontal	Pass
2**	2951.967	39.60	54.0	14.40	AV	94.00	300	Horizontal	Pass
3	4853.412	46.86	74.0	27.14	Peak	126.00	200	Horizontal	Pass
3**	4853.412	37.61	54.0	16.39	AV	126.00	200	Horizontal	Pass
4	6968.450	51.90	74.0	22.10	Peak	245.00	400	Horizontal	Pass
4**	6968.450	42.87	54.0	11.13	AV	245.00	400	Horizontal	Pass
5	11034.946	51.48	74.0	22.52	Peak	333.00	400	Horizontal	Pass
5**	11034.946	42.39	54.0	11.61	AV	333.00	400	Horizontal	Pass
6	16041.711	51.40	74.0	22.60	Peak	29.00	400	Horizontal	Pass
6**	16041.711	41.56	54.0	12.44	AV	29.00	400	Horizontal	Pass

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

RSE (SRD)_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	1237.789	43.44	74.0	30.56	Peak	190.00	300	Vertical	Pass
1**	1237.789	31.84	54.0	22.16	AV	190.00	300	Vertical	Pass
2	2882.400	49.56	74.0	24.44	Peak	171.00	300	Vertical	Pass
2**	2882.400	40.14	54.0	13.86	AV	171.00	300	Vertical	Pass
3	4802.926	46.38	74.0	27.62	Peak	255.00	200	Vertical	Pass
3**	4802.926	37.68	54.0	16.33	AV	255.00	200	Vertical	Pass
4	6938.805	51.64	74.0	22.36	Peak	332.00	300	Vertical	Pass
4**	6938.805	43.54	54.0	10.46	AV	332.00	300	Vertical	Pass
5	11046.740	52.49	74.0	21.51	Peak	237.00	200	Vertical	Pass
5**	11046.740	43.31	54.0	10.69	AV	237.00	200	Vertical	Pass
6	14135.157	52.11	74.0	21.89	Peak	257.00	400	Vertical	Pass
6**	14135.157	42.38	54.0	11.63	AV	257.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1203.855	41.34	74.0	32.66	Peak	335.00	100	Horizontal	Pass
1**	1203.855	31.89	54.0	22.11	AV	335.00	100	Horizontal	Pass
2	2957.757	48.81	74.0	25.19	Peak	257.00	300	Horizontal	Pass
2**	2957.757	39.28	54.0	14.72	AV	257.00	300	Horizontal	Pass
3	4859.336	46.61	74.0	27.39	Peak	327.00	200	Horizontal	Pass
3**	4859.336	36.74	54.0	17.26	AV	327.00	200	Horizontal	Pass
4	6975.204	50.93	74.0	23.07	Peak	243.00	100	Horizontal	Pass
4**	6975.204	42.06	54.0	11.94	AV	243.00	100	Horizontal	Pass
5	11032.125	50.71	74.0	23.29	Peak	23.00	400	Horizontal	Pass
5**	11032.125	41.62	54.0	12.38	AV	23.00	400	Horizontal	Pass
6	16035.842	50.56	74.0	23.44	Peak	307.00	100	Horizontal	Pass
6**	16035.842	40.76	54.0	13.24	AV	307.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1236.370	42.75	74.0	31.25	Peak	43.00	400	Vertical	Pass
1**	1236.370	31.39	54.0	22.61	AV	43.00	400	Vertical	Pass
2	2879.345	48.61	74.0	25.39	Peak	64.00	400	Vertical	Pass
2**	2879.345	39.43	54.0	14.57	AV	64.00	400	Vertical	Pass
3	4808.870	46.11	74.0	27.89	Peak	355.00	200	Vertical	Pass
3**	4808.870	37.16	54.0	16.85	AV	355.00	200	Vertical	Pass
4	6938.479	51.01	74.0	22.99	Peak	113.00	200	Vertical	Pass
4**	6938.479	42.60	54.0	11.40	AV	113.00	200	Vertical	Pass
5	11047.925	52.35	74.0	21.65	Peak	329.00	300	Vertical	Pass
5**	11047.925	43.04	54.0	10.96	AV	329.00	300	Vertical	Pass
6	14138.107	51.39	74.0	22.61	Peak	140.00	100	Vertical	Pass
6**	14138.107	41.83	54.0	12.18	AV	140.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1206.755	41.55	74.0	32.45	Peak	15.00	200	Horizontal	Pass
1**	1206.755	32.17	54.0	21.83	AV	15.00	200	Horizontal	Pass
2	2954.125	48.81	74.0	25.19	Peak	148.00	400	Horizontal	Pass
2**	2954.125	39.42	54.0	14.58	AV	148.00	400	Horizontal	Pass
3	4854.187	46.72	74.0	27.28	Peak	138.00	200	Horizontal	Pass
3**	4854.187	37.29	54.0	16.71	AV	138.00	200	Horizontal	Pass
4	6968.895	51.80	74.0	22.20	Peak	290.00	100	Horizontal	Pass
4**	6968.895	42.00	54.0	12.00	AV	290.00	100	Horizontal	Pass
5	11033.757	50.72	74.0	23.28	Peak	322.00	100	Horizontal	Pass
5**	11033.757	41.69	54.0	12.31	AV	322.00	100	Horizontal	Pass
6	16040.929	50.47	74.0	23.53	Peak	81.00	200	Horizontal	Pass
6**	16040.929	40.99	54.0	13.01	AV	81.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1243.606	43.39	74.0	30.61	Peak	203.00	400	Vertical	Pass
1**	1243.606	31.60	54.0	22.40	AV	203.00	400	Vertical	Pass
2	2880.964	49.20	74.0	24.80	Peak	98.00	300	Vertical	Pass
2**	2880.964	40.11	54.0	13.89	AV	98.00	300	Vertical	Pass
3	4804.635	45.97	74.0	28.03	Peak	261.00	200	Vertical	Pass
3**	4804.635	37.02	54.0	16.99	AV	261.00	200	Vertical	Pass
4	6935.822	51.16	74.0	22.84	Peak	134.00	200	Vertical	Pass
4**	6935.822	43.53	54.0	10.47	AV	134.00	200	Vertical	Pass
5	11046.272	51.56	74.0	22.44	Peak	58.00	300	Vertical	Pass
5**	11046.272	43.12	54.0	10.88	AV	58.00	300	Vertical	Pass
6	14135.974	52.04	74.0	21.96	Peak	4.00	300	Vertical	Pass
6**	14135.974	42.22	54.0	11.79	AV	4.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.249	40.95	74.0	33.05	Peak	150.00	100	Horizontal	Pass
1**	1205.249	32.11	54.0	21.89	AV	150.00	100	Horizontal	Pass
2	2957.289	48.53	74.0	25.47	Peak	102.00	100	Horizontal	Pass
2**	2957.289	38.60	54.0	15.40	AV	102.00	100	Horizontal	Pass
3	4857.091	46.42	74.0	27.58	Peak	272.00	200	Horizontal	Pass
3**	4857.091	36.79	54.0	17.21	AV	272.00	200	Horizontal	Pass
4	6970.848	51.88	74.0	22.12	Peak	335.00	100	Horizontal	Pass
4**	6970.848	42.85	54.0	11.15	AV	335.00	100	Horizontal	Pass
5	11035.185	50.56	74.0	23.44	Peak	280.00	200	Horizontal	Pass
5**	11035.185	41.76	54.0	12.24	AV	280.00	200	Horizontal	Pass
6	16035.894	51.00	74.0	23.00	Peak	289.00	100	Horizontal	Pass
6**	16035.894	40.96	54.0	13.04	AV	289.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1243.467	42.39	74.0	31.61	Peak	180.00	300	Vertical	Pass
1**	1243.467	30.95	54.0	23.05	AV	180.00	300	Vertical	Pass
2	2882.900	48.32	74.0	25.68	Peak	165.00	400	Vertical	Pass
2**	2882.900	38.48	54.0	15.52	AV	165.00	400	Vertical	Pass
3	4808.874	45.35	74.0	28.65	Peak	205.00	200	Vertical	Pass
3**	4808.874	36.30	54.0	17.71	AV	205.00	200	Vertical	Pass
4	6932.672	50.77	74.0	23.23	Peak	89.00	100	Vertical	Pass
4**	6932.672	42.12	54.0	11.88	AV	89.00	100	Vertical	Pass
5	11050.783	52.10	74.0	21.90	Peak	313.00	200	Vertical	Pass
5**	11050.783	42.69	54.0	11.31	AV	313.00	200	Vertical	Pass
6	14137.707	50.43	74.0	23.57	Peak	133.00	300	Vertical	Pass
6**	14137.707	41.07	54.0	12.94	AV	133.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.749	40.51	74.0	33.49	Peak	229.00	300	Horizontal	Pass
1**	1201.749	31.79	54.0	22.21	AV	229.00	300	Horizontal	Pass
2	2955.677	47.85	74.0	26.15	Peak	121.00	200	Horizontal	Pass
2**	2955.677	39.00	54.0	15.00	AV	121.00	200	Horizontal	Pass
3	4858.441	45.85	74.0	28.15	Peak	199.00	200	Horizontal	Pass
3**	4858.441	35.82	54.0	18.18	AV	199.00	200	Horizontal	Pass
4	6974.812	50.01	74.0	23.99	Peak	204.00	400	Horizontal	Pass
4**	6974.812	41.66	54.0	12.34	AV	204.00	400	Horizontal	Pass
5	11037.158	50.10	74.0	23.90	Peak	105.00	100	Horizontal	Pass
5**	11037.158	41.02	54.0	12.98	AV	105.00	100	Horizontal	Pass
6	16038.389	50.45	74.0	23.55	Peak	267.00	300	Horizontal	Pass
6**	16038.389	40.25	54.0	13.75	AV	267.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1236.331	42.75	74.0	31.25	Peak	224.00	100	Vertical	Pass
1**	1236.331	31.27	54.0	22.73	AV	224.00	100	Vertical	Pass
2	2877.480	49.00	74.0	25.00	Peak	340.00	200	Vertical	Pass
2**	2877.480	39.78	54.0	14.22	AV	340.00	200	Vertical	Pass
3	4810.093	45.69	74.0	28.31	Peak	337.00	200	Vertical	Pass
3**	4810.093	36.06	54.0	17.95	AV	337.00	200	Vertical	Pass
4	6932.941	50.84	74.0	23.16	Peak	197.00	100	Vertical	Pass
4**	6932.941	42.69	54.0	11.31	AV	197.00	100	Vertical	Pass
5	11047.723	51.01	74.0	22.99	Peak	158.00	300	Vertical	Pass
5**	11047.723	42.76	54.0	11.24	AV	158.00	300	Vertical	Pass
6	14137.229	51.45	74.0	22.55	Peak	125.00	200	Vertical	Pass
6**	14137.229	41.32	54.0	12.69	AV	125.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1209.271	40.57	74.0	33.43	Peak	115.00	400	Horizontal	Pass
1**	1209.271	31.41	54.0	22.59	AV	115.00	400	Horizontal	Pass
2	2952.576	48.63	74.0	25.37	Peak	38.00	300	Horizontal	Pass
2**	2952.576	39.13	54.0	14.87	AV	38.00	300	Horizontal	Pass
3	4856.808	45.73	74.0	28.27	Peak	221.00	200	Horizontal	Pass
3**	4856.808	36.38	54.0	17.62	AV	221.00	200	Horizontal	Pass
4	6971.689	51.41	74.0	22.59	Peak	98.00	300	Horizontal	Pass
4**	6971.689	41.80	54.0	12.20	AV	98.00	300	Horizontal	Pass
5	11036.662	50.64	74.0	23.36	Peak	176.00	200	Horizontal	Pass
5**	11036.662	41.45	54.0	12.55	AV	176.00	200	Horizontal	Pass
6	16036.708	50.38	74.0	23.62	Peak	146.00	300	Horizontal	Pass
6**	16036.708	40.52	54.0	13.48	AV	146.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1239.122	42.32	74.0	31.69	Peak	220.00	400	Vertical	Pass
1**	1239.122	30.93	54.0	23.07	AV	220.00	400	Vertical	Pass
2	2876.347	48.32	74.0	25.68	Peak	149.00	400	Vertical	Pass
2**	2876.347	38.39	54.0	15.61	AV	149.00	400	Vertical	Pass
3	4809.486	45.26	74.0	28.74	Peak	299.00	200	Vertical	Pass
3**	4809.486	36.27	54.0	17.73	AV	299.00	200	Vertical	Pass
4	6939.310	50.76	74.0	23.24	Peak	278.00	100	Vertical	Pass
4**	6939.310	42.12	54.0	11.89	AV	278.00	100	Vertical	Pass
5	11046.315	52.00	74.0	22.00	Peak	98.00	300	Vertical	Pass
5**	11046.315	42.64	54.0	11.36	AV	98.00	300	Vertical	Pass
6	14141.018	50.36	74.0	23.64	Peak	262.00	400	Vertical	Pass
6**	14141.018	41.02	54.0	12.98	AV	262.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.145	40.95	74.0	33.05	Peak	345.00	200	Horizontal	Pass
1**	1207.145	32.04	54.0	21.96	AV	345.00	200	Horizontal	Pass
2	2954.967	48.48	74.0	25.52	Peak	246.00	100	Horizontal	Pass
2**	2954.967	38.55	54.0	15.46	AV	246.00	100	Horizontal	Pass
3	4852.708	46.34	74.0	27.66	Peak	71.00	200	Horizontal	Pass
3**	4852.708	36.77	54.0	17.23	AV	71.00	200	Horizontal	Pass
4	6975.413	51.81	74.0	22.19	Peak	0.00	300	Horizontal	Pass
4**	6975.413	42.77	54.0	11.24	AV	0.00	300	Horizontal	Pass
5	11032.460	50.49	74.0	23.51	Peak	179.00	400	Horizontal	Pass
5**	11032.460	41.75	54.0	12.25	AV	179.00	400	Horizontal	Pass
6	16042.096	50.96	74.0	23.04	Peak	171.00	400	Horizontal	Pass
6**	16042.096	40.89	54.0	13.11	AV	171.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.387	42.73	74.0	31.27	Peak	115.00	400	Vertical	Pass
1**	1238.387	31.19	54.0	22.81	AV	115.00	400	Vertical	Pass
2	2883.917	48.95	74.0	25.05	Peak	29.00	100	Vertical	Pass
2**	2883.917	39.75	54.0	14.25	AV	29.00	100	Vertical	Pass
3	4803.674	45.61	74.0	28.39	Peak	324.00	200	Vertical	Pass
3**	4803.674	35.98	54.0	18.02	AV	324.00	200	Vertical	Pass
4	6936.350	50.81	74.0	23.19	Peak	280.00	300	Vertical	Pass
4**	6936.350	42.66	54.0	11.34	AV	280.00	300	Vertical	Pass
5	11043.652	50.95	74.0	23.05	Peak	204.00	100	Vertical	Pass
5**	11043.652	42.69	54.0	11.31	AV	204.00	100	Vertical	Pass
6	14136.428	51.44	74.0	22.56	Peak	115.00	300	Vertical	Pass
6**	14136.428	41.28	54.0	12.72	AV	115.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.663	41.91	74.0	32.09	Peak	299.00	200	Horizontal	Pass
1**	1202.663	32.53	54.0	21.47	AV	299.00	200	Horizontal	Pass
2	2951.763	48.29	74.0	25.71	Peak	163.00	300	Horizontal	Pass
2**	2951.763	39.60	54.0	14.40	AV	163.00	300	Horizontal	Pass
3	4852.339	46.57	74.0	27.43	Peak	24.00	200	Horizontal	Pass
3**	4852.339	37.24	54.0	16.76	AV	24.00	200	Horizontal	Pass
4	6966.431	52.13	74.0	21.87	Peak	182.00	100	Horizontal	Pass
4**	6966.431	42.09	54.0	11.91	AV	182.00	100	Horizontal	Pass
5	11031.305	51.22	74.0	22.78	Peak	337.00	300	Horizontal	Pass
5**	11031.305	41.69	54.0	12.31	AV	337.00	300	Horizontal	Pass
6	16045.655	50.78	74.0	23.22	Peak	233.00	300	Horizontal	Pass
6**	16045.655	41.22	54.0	12.78	AV	233.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1236.382	43.03	74.0	30.97	Peak	359.00	100	Vertical	Pass
1**	1236.382	31.40	54.0	22.61	AV	359.00	100	Vertical	Pass
2	2885.321	49.52	74.0	24.48	Peak	342.00	300	Vertical	Pass
2**	2885.321	39.36	54.0	14.64	AV	342.00	300	Vertical	Pass
3	4801.293	45.68	74.0	28.32	Peak	140.00	200	Vertical	Pass
3**	4801.293	37.31	54.0	16.69	AV	140.00	200	Vertical	Pass
4	6941.029	51.03	74.0	22.97	Peak	164.00	100	Vertical	Pass
4**	6941.029	43.33	54.0	10.67	AV	164.00	100	Vertical	Pass
5	11045.950	51.83	74.0	22.17	Peak	117.00	400	Vertical	Pass
5**	11045.950	42.74	54.0	11.26	AV	117.00	400	Vertical	Pass
6	14137.097	51.36	74.0	22.64	Peak	282.00	400	Vertical	Pass
6**	14137.097	42.23	54.0	11.77	AV	282.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.321	41.79	74.0	32.21	Peak	325.00	300	Horizontal	Pass
1**	1205.321	32.39	54.0	21.61	AV	325.00	300	Horizontal	Pass
2	2953.903	48.95	74.0	25.06	Peak	299.00	300	Horizontal	Pass
2**	2953.903	39.53	54.0	14.47	AV	299.00	300	Horizontal	Pass
3	4859.302	46.85	74.0	27.15	Peak	81.00	200	Horizontal	Pass
3**	4859.302	37.54	54.0	16.46	AV	81.00	200	Horizontal	Pass
4	6971.417	51.84	74.0	22.16	Peak	213.00	200	Horizontal	Pass
4**	6971.417	42.78	54.0	11.22	AV	213.00	200	Horizontal	Pass
5	11030.292	51.48	74.0	22.53	Peak	63.00	100	Horizontal	Pass
5**	11030.292	42.38	54.0	11.62	AV	63.00	100	Horizontal	Pass
6	16038.524	51.37	74.0	22.63	Peak	27.00	200	Horizontal	Pass
6**	16038.524	41.50	54.0	12.50	AV	27.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1241.089	41.63	74.0	32.38	Peak	153.00	300	Vertical	Pass
1**	1241.089	30.54	54.0	23.46	AV	153.00	300	Vertical	Pass
2	2878.467	48.10	74.0	25.90	Peak	103.00	300	Vertical	Pass
2**	2878.467	37.90	54.0	16.10	AV	103.00	300	Vertical	Pass
3	4806.901	44.73	74.0	29.27	Peak	53.00	200	Vertical	Pass
3**	4806.901	35.30	54.0	18.70	AV	53.00	200	Vertical	Pass
4	6933.600	50.44	74.0	23.56	Peak	57.00	200	Vertical	Pass
4**	6933.600	41.34	54.0	12.67	AV	57.00	200	Vertical	Pass
5	11043.811	51.17	74.0	22.83	Peak	205.00	200	Vertical	Pass
5**	11043.811	42.33	54.0	11.67	AV	205.00	200	Vertical	Pass
6	14142.729	50.30	74.0	23.70	Peak	25.00	300	Vertical	Pass
6**	14142.729	40.95	54.0	13.05	AV	25.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.897	41.71	74.0	32.29	Peak	12.00	400	Horizontal	Pass
1**	1208.897	32.41	54.0	21.59	AV	12.00	400	Horizontal	Pass
2	2955.862	48.95	74.0	25.05	Peak	21.00	200	Horizontal	Pass
2**	2955.862	39.54	54.0	14.46	AV	21.00	200	Horizontal	Pass
3	4853.067	46.82	74.0	27.18	Peak	254.00	200	Horizontal	Pass
3**	4853.067	37.51	54.0	16.49	AV	254.00	200	Horizontal	Pass
4	6968.733	51.87	74.0	22.13	Peak	168.00	100	Horizontal	Pass
4**	6968.733	42.86	54.0	11.14	AV	168.00	100	Horizontal	Pass
5	11034.337	51.46	74.0	22.54	Peak	255.00	300	Horizontal	Pass
5**	11034.337	42.31	54.0	11.69	AV	255.00	300	Horizontal	Pass
6	16035.167	51.32	74.0	22.68	Peak	16.00	200	Horizontal	Pass
6**	16035.167	41.53	54.0	12.47	AV	16.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1240.546	42.68	74.0	31.32	Peak	113.00	400	Vertical	Pass
1**	1240.546	31.09	54.0	22.91	AV	113.00	400	Vertical	Pass
2	2879.103	47.96	74.0	26.04	Peak	130.00	100	Vertical	Pass
2**	2879.103	39.66	54.0	14.34	AV	130.00	100	Vertical	Pass
3	4802.751	44.63	74.0	29.37	Peak	244.00	200	Vertical	Pass
3**	4802.751	35.68	54.0	18.32	AV	244.00	200	Vertical	Pass
4	6934.770	50.37	74.0	23.63	Peak	167.00	400	Vertical	Pass
4**	6934.770	42.00	54.0	12.00	AV	167.00	400	Vertical	Pass
5	11047.359	50.74	74.0	23.26	Peak	335.00	200	Vertical	Pass
5**	11047.359	42.11	54.0	11.89	AV	335.00	200	Vertical	Pass
6	14142.243	50.73	74.0	23.27	Peak	278.00	300	Vertical	Pass
6**	14142.243	40.63	54.0	13.37	AV	278.00	300	Vertical	Pass

802.11ax20 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.953	40.69	74.0	33.31	Peak	83.00	100	Horizontal	Pass
1**	1207.953	31.82	54.0	22.18	AV	83.00	100	Horizontal	Pass
2	2952.419	47.93	74.0	26.07	Peak	81.00	100	Horizontal	Pass
2**	2952.419	39.11	54.0	14.89	AV	81.00	100	Horizontal	Pass
3	4853.711	45.76	74.0	28.24	Peak	15.00	200	Horizontal	Pass
3**	4853.711	36.54	54.0	17.46	AV	15.00	200	Horizontal	Pass
4	6969.964	50.29	74.0	23.71	Peak	196.00	300	Horizontal	Pass
4**	6969.964	41.58	54.0	12.42	AV	196.00	300	Horizontal	Pass
5	11032.383	50.54	74.0	23.46	Peak	79.00	200	Horizontal	Pass
5**	11032.383	41.03	54.0	12.97	AV	79.00	200	Horizontal	Pass
6	16035.348	50.17	74.0	23.83	Peak	73.00	400	Horizontal	Pass
6**	16035.348	40.13	54.0	13.87	AV	73.00	400	Horizontal	Pass

802.11ax20 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.824	42.71	74.0	31.29	Peak	145.00	100	Vertical	Pass
1**	1238.824	31.33	54.0	22.67	AV	145.00	100	Vertical	Pass
2	2877.852	48.37	74.0	25.63	Peak	167.00	300	Vertical	Pass
2**	2877.852	39.14	54.0	14.86	AV	167.00	300	Vertical	Pass
3	4809.144	45.13	74.0	28.87	Peak	119.00	200	Vertical	Pass
3**	4809.144	37.02	54.0	16.99	AV	119.00	200	Vertical	Pass
4	6937.972	50.90	74.0	23.10	Peak	211.00	100	Vertical	Pass
4**	6937.972	41.62	54.0	12.38	AV	211.00	100	Vertical	Pass
5	11043.782	51.43	74.0	22.57	Peak	242.00	300	Vertical	Pass
5**	11043.782	42.93	54.0	11.07	AV	242.00	300	Vertical	Pass
6	14137.757	50.74	74.0	23.26	Peak	178.00	200	Vertical	Pass
6**	14137.757	40.83	54.0	13.18	AV	178.00	200	Vertical	Pass

802.11ax20 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.674	41.05	74.0	32.95	Peak	47.00	400	Horizontal	Pass
1**	1205.674	31.82	54.0	22.18	AV	47.00	400	Horizontal	Pass
2	2955.679	48.76	74.0	25.24	Peak	208.00	400	Horizontal	Pass
2**	2955.679	38.48	54.0	15.52	AV	208.00	400	Horizontal	Pass
3	4857.721	46.09	74.0	27.91	Peak	200.00	200	Horizontal	Pass
3**	4857.721	36.56	54.0	17.44	AV	200.00	200	Horizontal	Pass
4	6975.718	51.40	74.0	22.60	Peak	342.00	300	Horizontal	Pass
4**	6975.718	41.69	54.0	12.31	AV	342.00	300	Horizontal	Pass
5	11032.681	50.12	74.0	23.88	Peak	89.00	100	Horizontal	Pass
5**	11032.681	41.47	54.0	12.53	AV	89.00	100	Horizontal	Pass
6	16041.580	49.73	74.0	24.27	Peak	304.00	300	Horizontal	Pass
6**	16041.580	40.06	54.0	13.94	AV	304.00	300	Horizontal	Pass

802.11ax20 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.335	42.47	74.0	31.53	Peak	168.00	200	Vertical	Pass
1**	1238.335	31.25	54.0	22.75	AV	168.00	200	Vertical	Pass
2	2883.136	49.14	74.0	24.86	Peak	191.00	100	Vertical	Pass
2**	2883.136	40.06	54.0	13.94	AV	191.00	100	Vertical	Pass
3	4809.207	45.74	74.0	28.26	Peak	258.00	200	Vertical	Pass
3**	4809.207	36.22	54.0	17.79	AV	258.00	200	Vertical	Pass
4	6937.948	50.86	74.0	23.14	Peak	153.00	300	Vertical	Pass
4**	6937.948	43.07	54.0	10.93	AV	153.00	300	Vertical	Pass
5	11045.032	51.22	74.0	22.78	Peak	300.00	400	Vertical	Pass
5**	11045.032	42.23	54.0	11.77	AV	300.00	400	Vertical	Pass
6	14136.360	51.10	74.0	22.90	Peak	96.00	200	Vertical	Pass
6**	14136.360	41.68	54.0	12.33	AV	96.00	200	Vertical	Pass

802.11ax20 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.667	41.17	74.0	32.83	Peak	23.00	300	Horizontal	Pass
1**	1208.667	32.14	54.0	21.86	AV	23.00	300	Horizontal	Pass
2	2953.842	48.68	74.0	25.32	Peak	127.00	100	Horizontal	Pass
2**	2953.842	38.63	54.0	15.37	AV	127.00	100	Horizontal	Pass
3	4859.299	46.16	74.0	27.84	Peak	78.00	200	Horizontal	Pass
3**	4859.299	36.66	54.0	17.34	AV	78.00	200	Horizontal	Pass
4	6970.537	50.90	74.0	23.10	Peak	245.00	200	Horizontal	Pass
4**	6970.537	42.49	54.0	11.51	AV	245.00	200	Horizontal	Pass
5	11030.798	51.22	74.0	22.78	Peak	305.00	400	Horizontal	Pass
5**	11030.798	41.56	54.0	12.44	AV	305.00	400	Horizontal	Pass
6	16040.216	50.60	74.0	23.40	Peak	137.00	300	Horizontal	Pass
6**	16040.216	41.53	54.0	12.47	AV	137.00	300	Horizontal	Pass

802.11ax20 1 GHz to 18 GHz,High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.958	42.60	74.0	31.40	Peak	167.00	300	Vertical	Pass
1**	1238.958	31.39	54.0	22.61	AV	167.00	300	Vertical	Pass
2	2877.814	48.68	74.0	25.32	Peak	264.00	200	Vertical	Pass
2**	2877.814	39.37	54.0	14.63	AV	264.00	200	Vertical	Pass
3	4802.704	45.44	74.0	28.56	Peak	213.00	200	Vertical	Pass
3**	4802.704	36.74	54.0	17.27	AV	213.00	200	Vertical	Pass
4	6937.956	50.89	74.0	23.11	Peak	351.00	300	Vertical	Pass
4**	6937.956	42.55	54.0	11.45	AV	351.00	300	Vertical	Pass
5	11048.632	52.42	74.0	21.58	Peak	251.00	400	Vertical	Pass
5**	11048.632	43.11	54.0	10.89	AV	251.00	400	Vertical	Pass
6	14142.907	51.41	74.0	22.59	Peak	275.00	300	Vertical	Pass
6**	14142.907	41.85	54.0	12.16	AV	275.00	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 C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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.

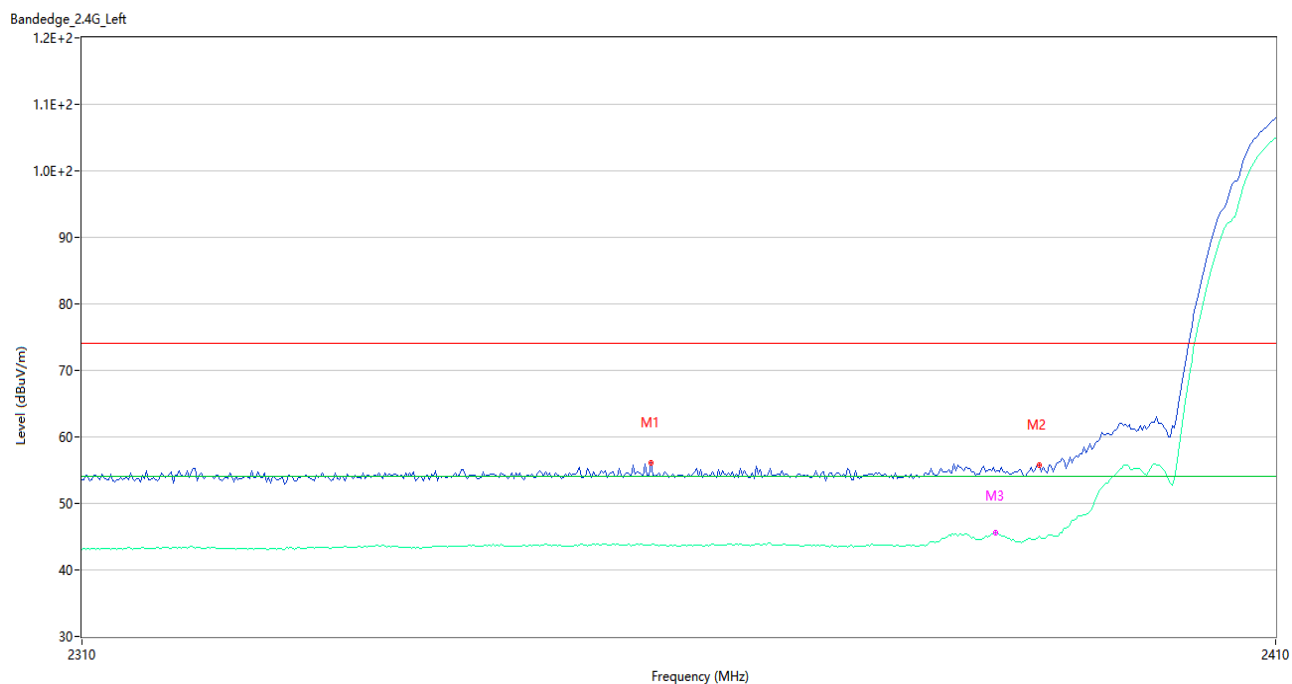
Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

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

Note ⁶: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

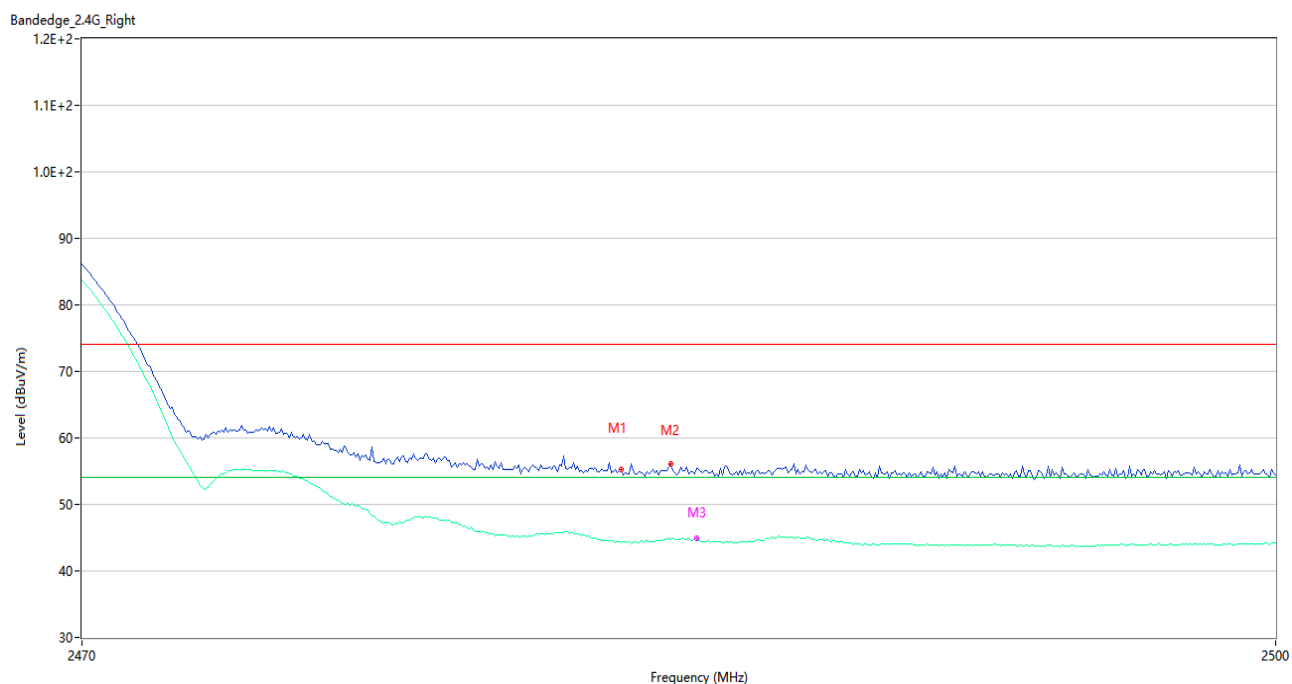
Test Data and Plots

802.11b LOW CHANNEL



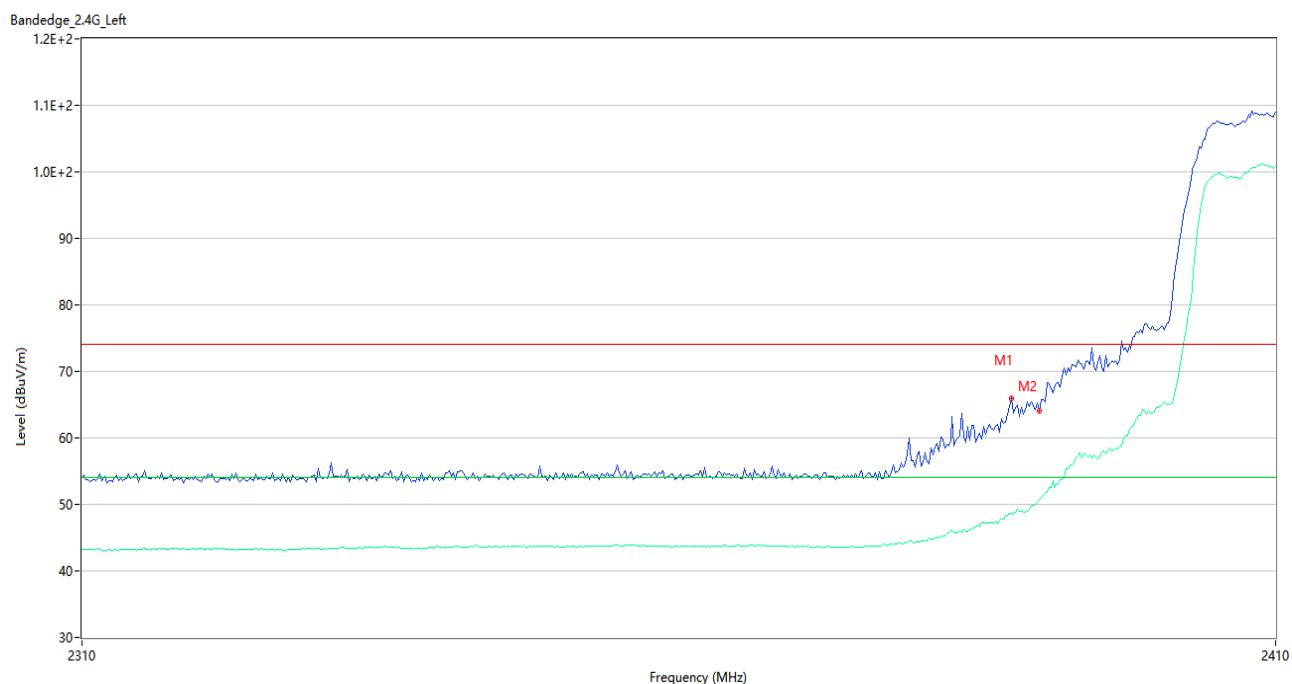
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2357.167	56.10	74.0	17.90	Peak	52.00	100	Horizontal	Pass
1**	2357.167	43.69	54.0	10.31	AV	52.00	100	Horizontal	Pass
2	2389.833	55.68	74.0	18.32	Peak	35.00	100	Horizontal	Pass
2**	2389.833	45.01	54.0	8.99	AV	35.00	100	Horizontal	Pass
3	2386.167	54.72	74.0	19.28	Peak	30.00	200	Horizontal	Pass
3**	2386.167	45.51	54.0	8.49	AV	30.00	200	Horizontal	Pass

802.11b HIGH CHANNEL



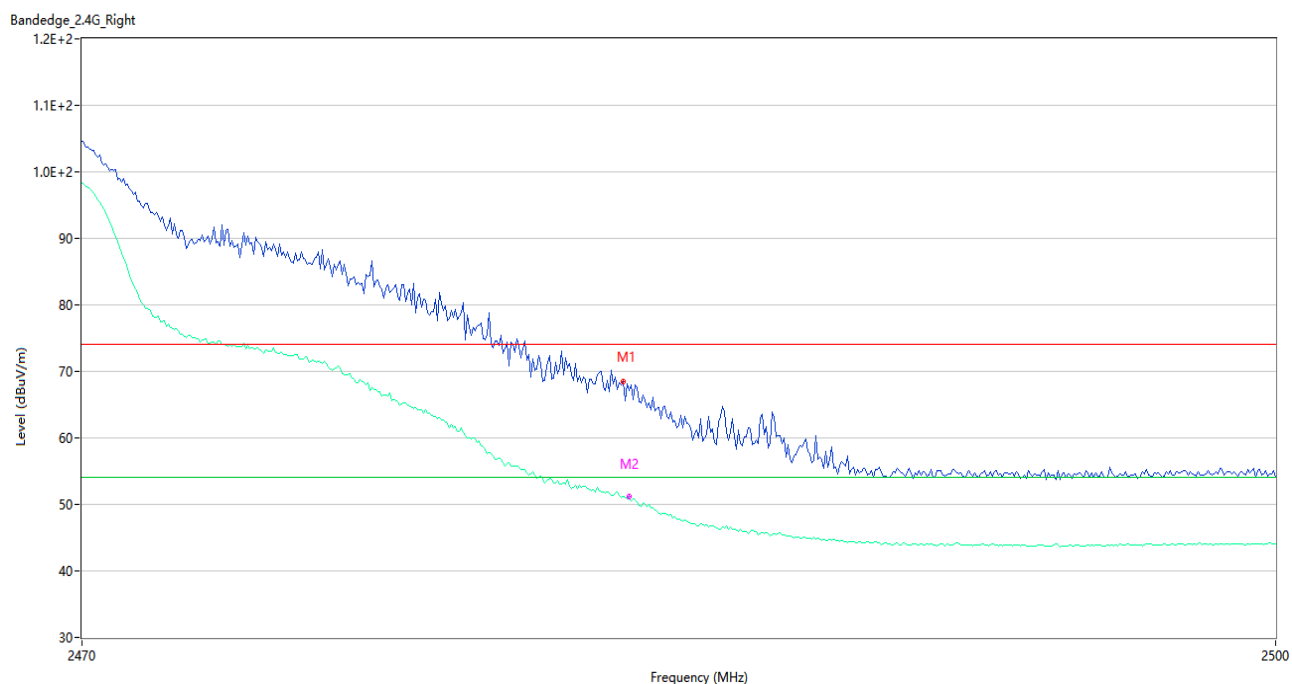
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.18	74.0	18.82	Peak	38.00	200	Horizontal	Pass
1**	2483.500	44.28	54.0	9.72	AV	38.00	200	Horizontal	Pass
2	2484.750	56.15	74.0	17.85	Peak	54.00	200	Horizontal	Pass
2**	2484.750	44.74	54.0	9.26	AV	54.00	200	Horizontal	Pass
3	2485.400	55.46	74.0	18.54	Peak	104.00	100	Horizontal	Pass
3**	2485.400	44.94	54.0	9.06	AV	104.00	100	Horizontal	Pass

802.11g LOW CHANNEL



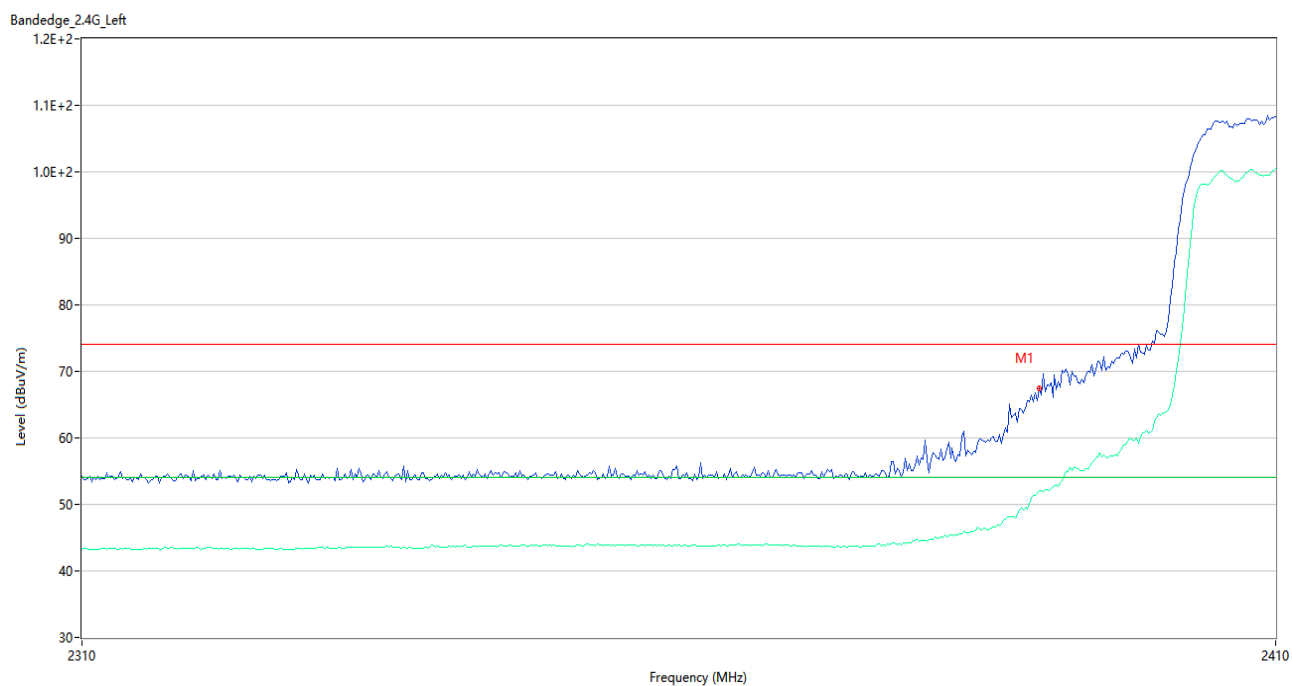
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.500	65.93	74.0	8.07	Peak	37.00	200	Horizontal	Pass
1**	2387.500	48.52	54.0	5.48	AV	37.00	200	Horizontal	Pass
2	2390.000	64.01	74.0	9.99	Peak	164.00	200	Horizontal	Pass
2**	2390.000	50.75	54.0	3.25	AV	164.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



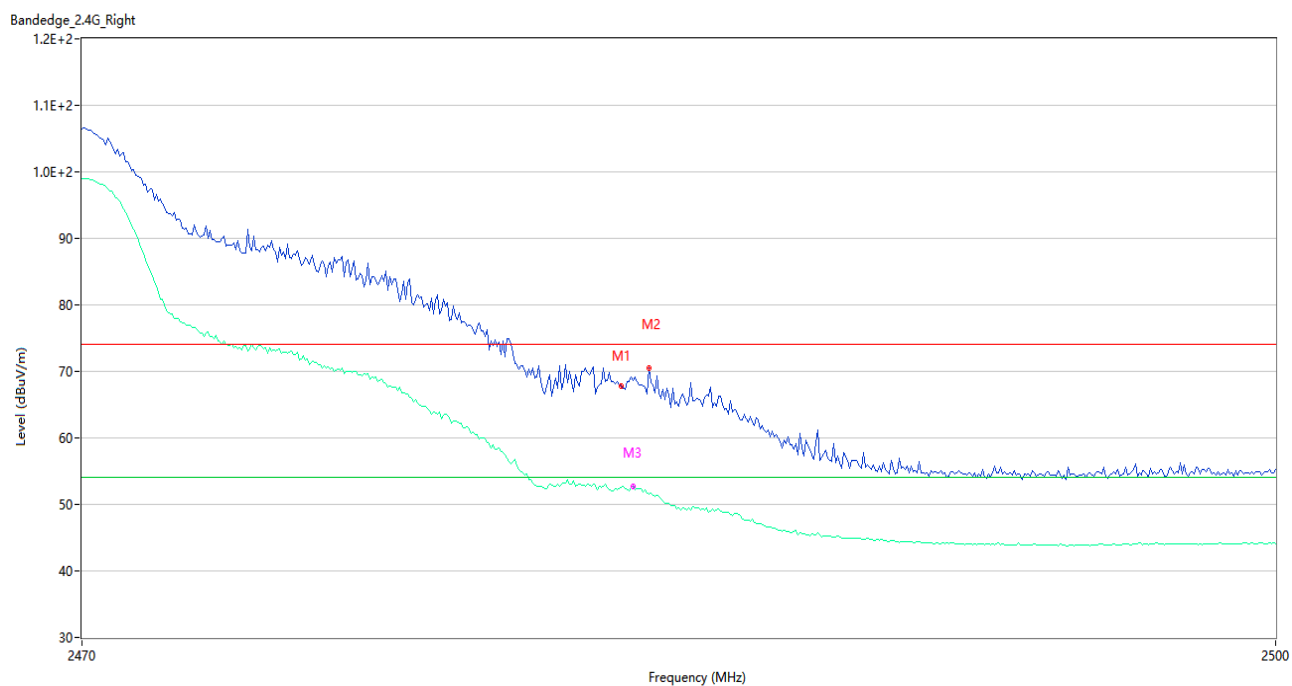
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.46	74.0	5.54	Peak	171.00	100	Horizontal	Pass
1**	2483.500	51.18	54.0	2.82	AV	171.00	100	Horizontal	Pass
2	2483.700	67.09	74.0	6.91	Peak	122.00	100	Horizontal	Pass
2**	2483.700	51.23	54.0	2.77	AV	122.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



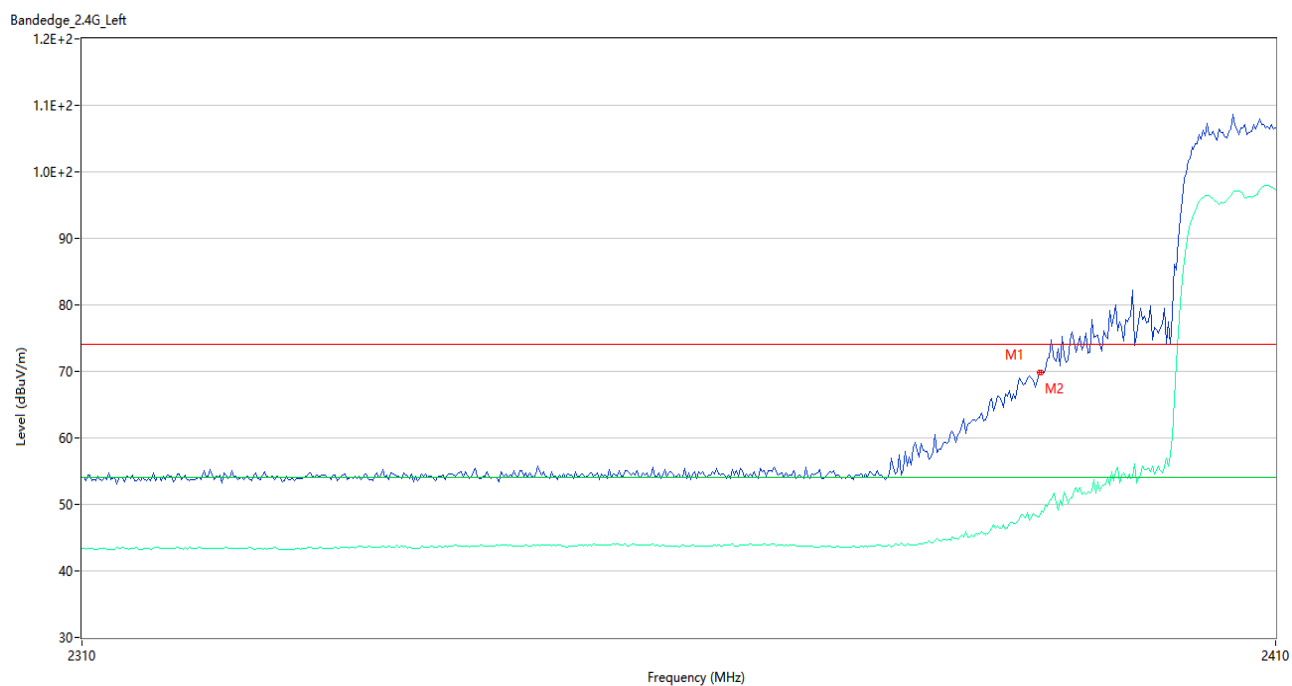
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	67.45	74.0	6.55	Peak	102.00	100	Horizontal	Pass
1**	2390.000	51.98	54.0	2.02	AV	102.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



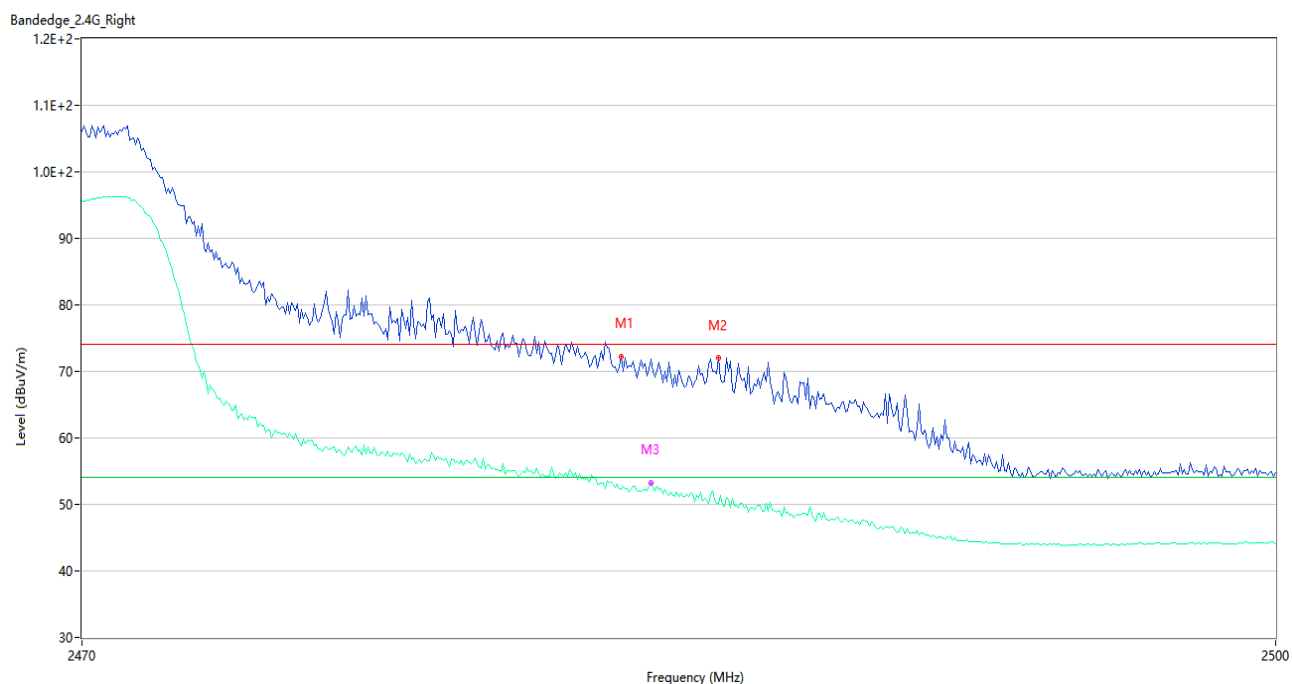
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.78	74.0	6.22	Peak	0.00	100	Horizontal	Pass
1**	2483.500	52.62	54.0	1.38	AV	0.00	100	Horizontal	Pass
2	2484.200	70.45	74.0	3.55	Peak	127.00	300	Horizontal	Pass
2**	2484.200	51.54	54.0	2.46	AV	127.00	300	Horizontal	Pass
3	2483.800	68.70	74.0	5.30	Peak	160.00	100	Horizontal	Pass
3**	2483.800	52.63	54.0	1.37	AV	160.00	100	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



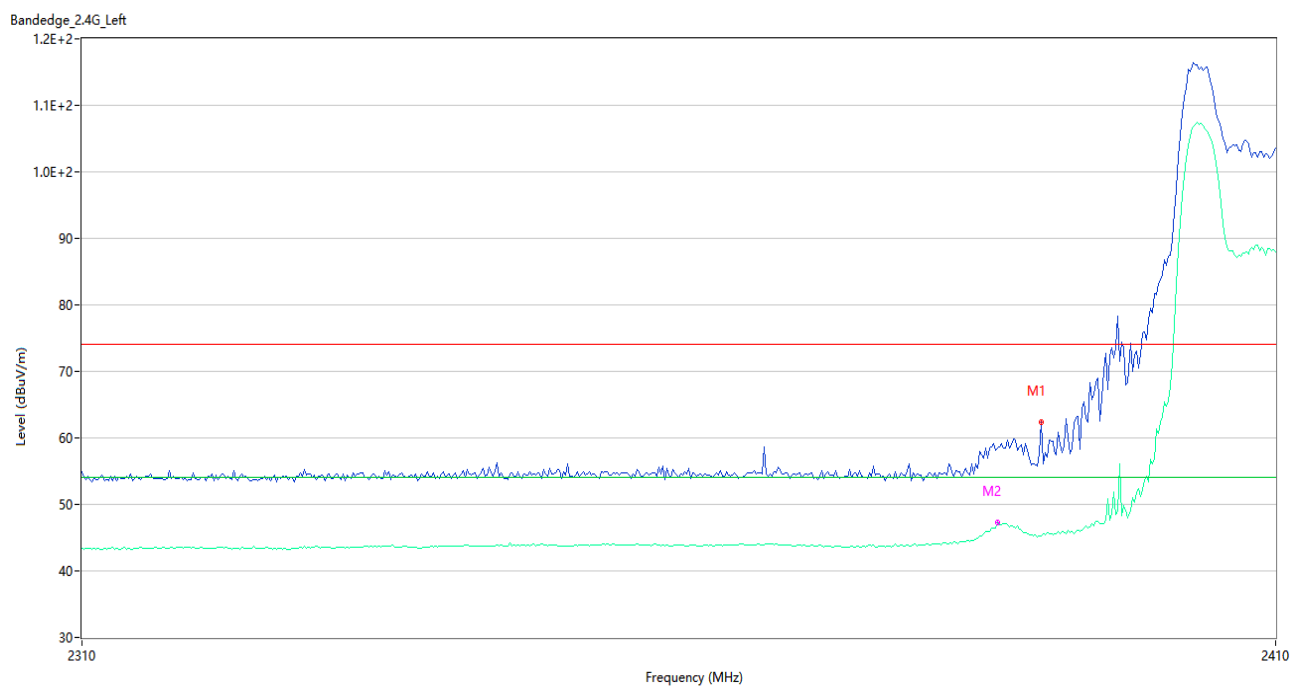
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.833	69.76	74.0	4.24	Peak	156.00	100	Horizontal	Pass
1**	2389.833	48.08	54.0	5.92	AV	156.00	100	Horizontal	Pass
2	2390.000	69.78	74.0	4.22	Peak	156.00	100	Horizontal	Pass
2**	2390.000	49.01	54.0	4.99	AV	156.00	100	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL



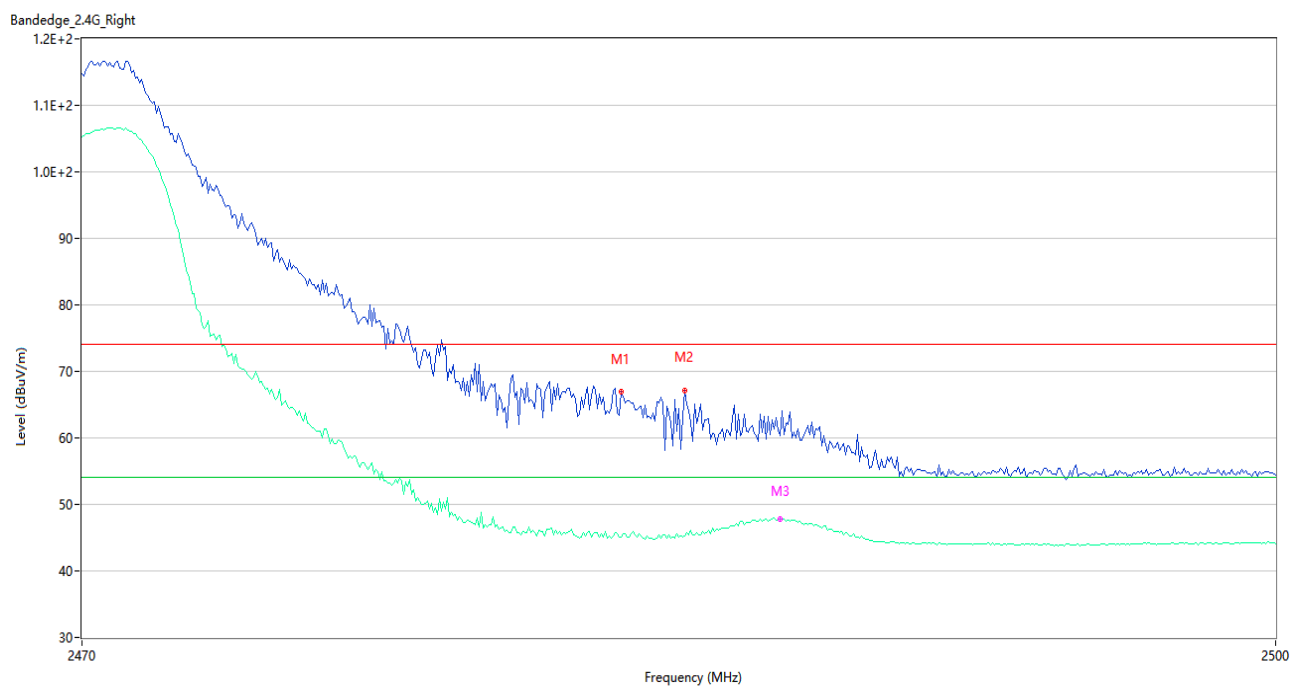
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	72.15	74.0	1.85	Peak	156.00	100	Horizontal	Pass
1**	2483.500	52.28	54.0	1.72	AV	156.00	100	Horizontal	Pass
2	2485.950	72.03	74.0	1.97	Peak	14.00	150	Horizontal	Pass
2**	2485.950	50.00	54.0	4.00	AV	14.00	150	Horizontal	Pass
3	2484.250	71.85	74.0	2.15	Peak	152.00	100	Horizontal	Pass
3**	2484.250	53.17	54.0	0.83	AV	152.00	100	Horizontal	Pass

802.11ax20(RU26) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	62.39	74.0	11.61	Peak	62.00	100	Horizontal	Pass
1**	2390.000	45.25	54.0	8.75	AV	62.00	100	Horizontal	Pass
2	2386.333	58.42	74.0	15.58	Peak	124.00	100	Horizontal	Pass
2**	2386.333	47.28	54.0	6.72	AV	124.00	100	Horizontal	Pass

802.11ax20(RU26) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.94	74.0	7.06	Peak	19.00	100	Horizontal	Pass
1**	2483.500	45.03	54.0	8.97	AV	19.00	100	Horizontal	Pass
2	2485.100	67.14	74.0	6.86	Peak	31.00	300	Horizontal	Pass
2**	2485.100	45.22	54.0	8.78	AV	31.00	300	Horizontal	Pass
3	2487.500	60.28	74.0	13.72	Peak	160.00	100	Horizontal	Pass
3**	2487.500	47.85	54.0	6.15	AV	160.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

ANT1

Test Data

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-5.25	8	Pass
Middle	-4.46	8	Pass
High	-3.51	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-6.93	8	Pass
Middle	-7.29	8	Pass
High	-7.44	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.52	8	Pass
Middle	-7.82	8	Pass
High	-7.38	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.89	8	Pass
Middle	-9.43	8	Pass
High	-9.51	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-1.32	8	Pass
Middle	-3.09	8	Pass
High	-3.74	8	Pass

802.11ax-20 MHz(RU52) Mode:

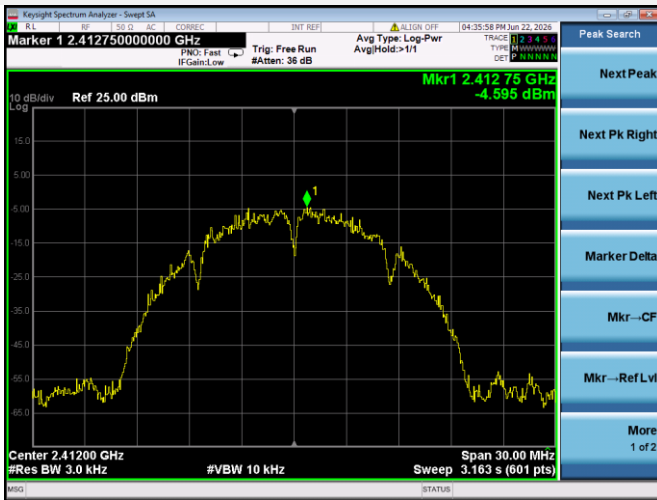
Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-6.45	8	Pass
Middle	-5.20	8	Pass
High	-5.80	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.69	8	Pass
Middle	-7.86	8	Pass
High	-8.15	8	Pass

Test Plots

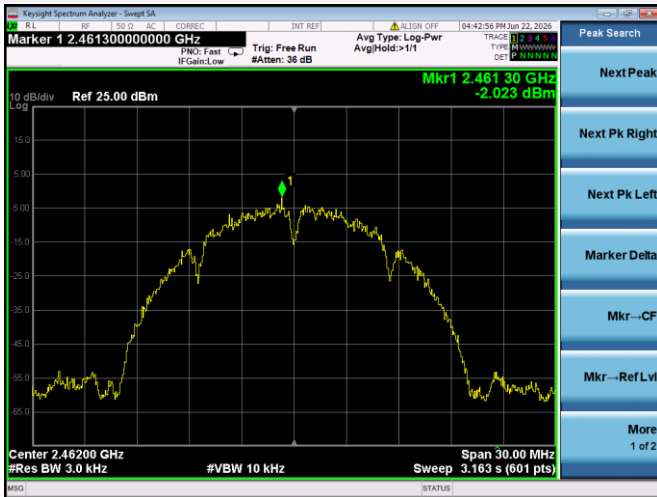
802.11b LOW CHANNEL



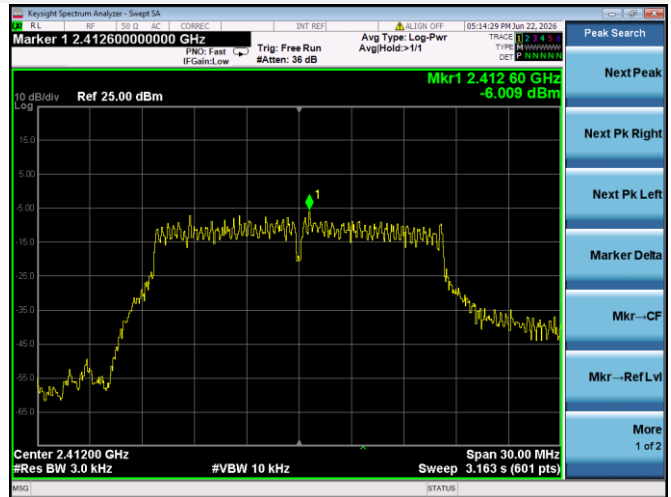
802.11b MIDDLE CHANNEL



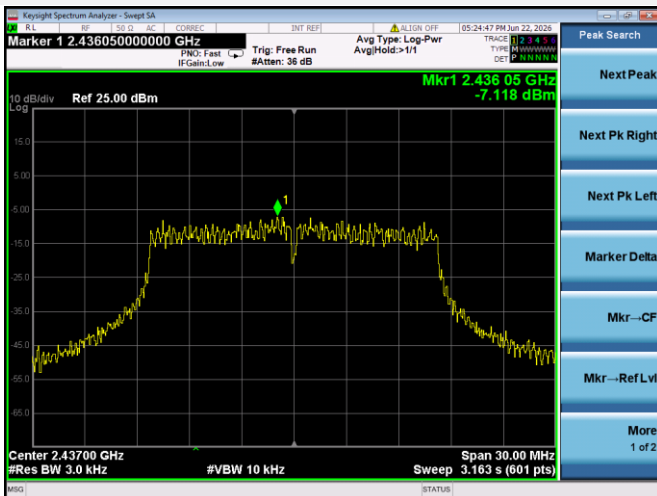
802.11b HIGH CHANNEL



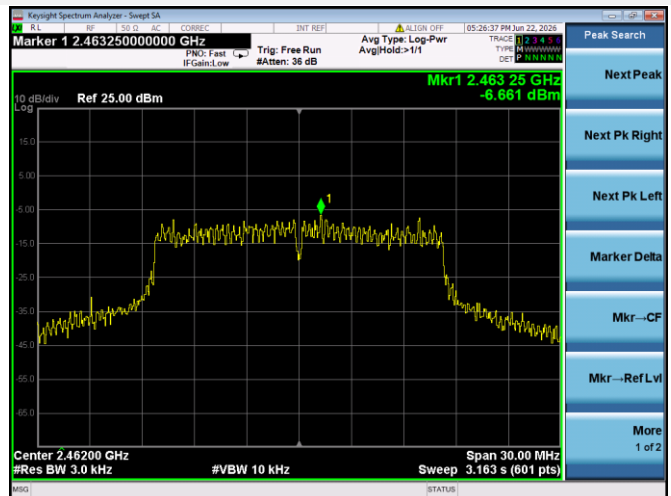
802.11g LOW CHANNEL



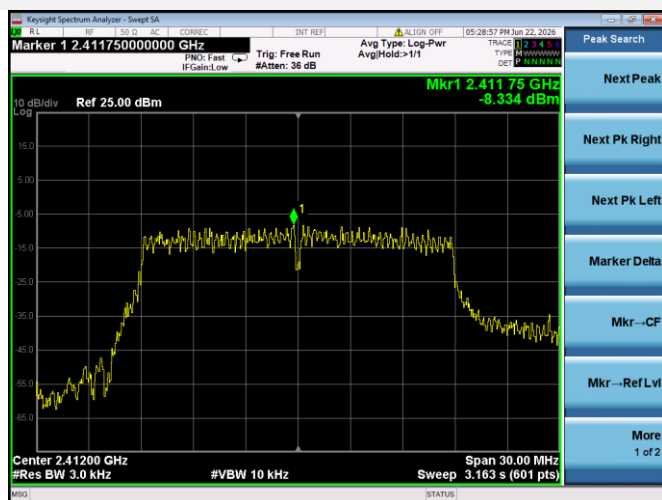
802.11g MIDDLE CHANNEL



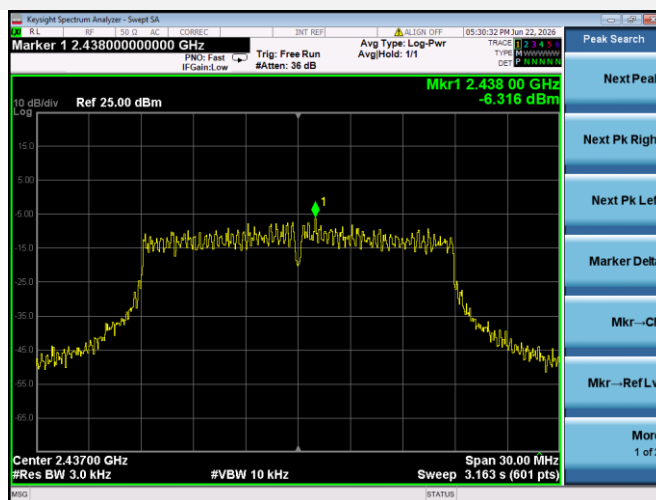
802.11g HIGH CHANNEL



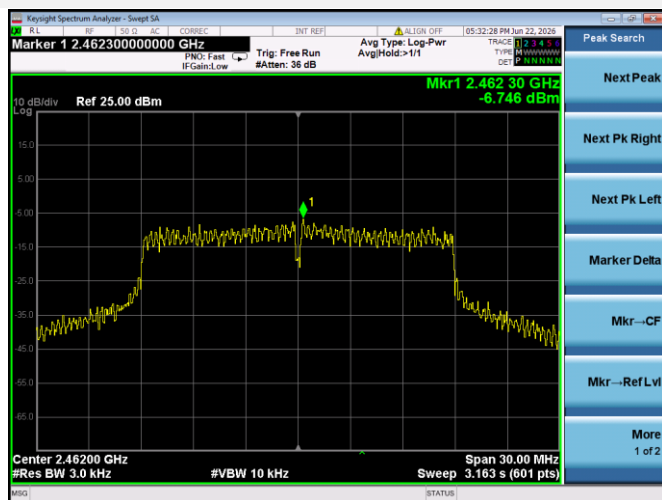
802.11n-20 MHz LOW CHANNEL



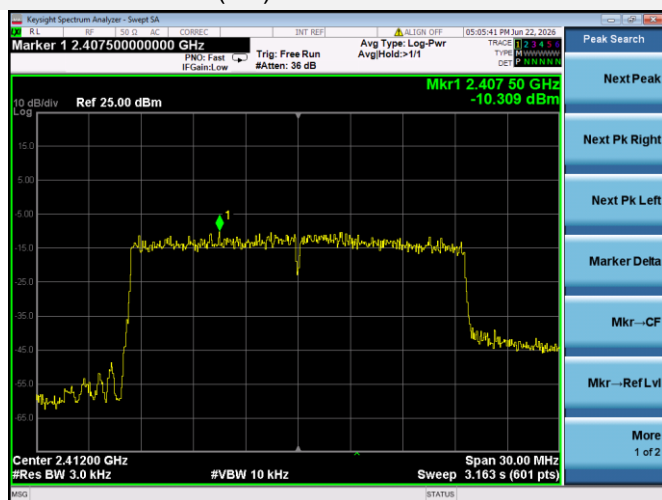
802.11n-20 MHz MIDDLE CHANNEL



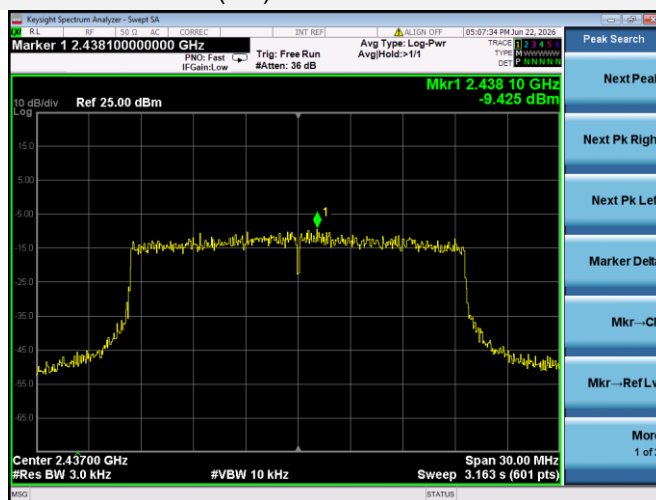
802.11n-20 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL

