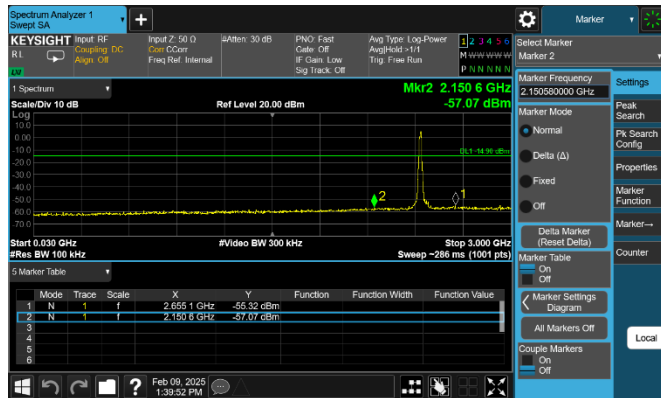


802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



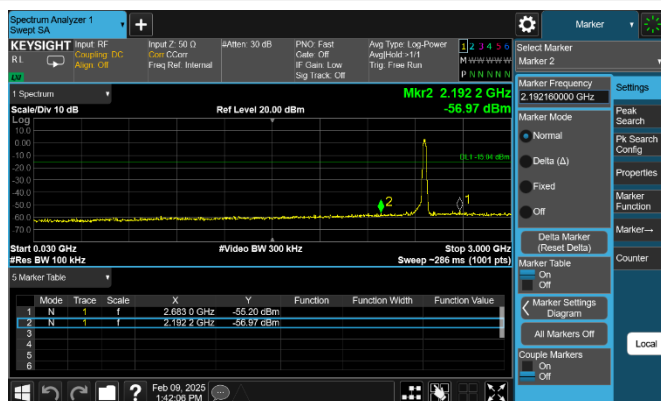
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



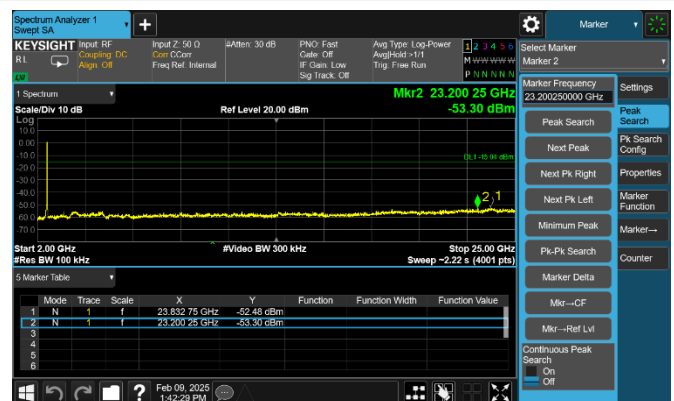
802.11g HIGH CHANNEL CARRIER LEVEL



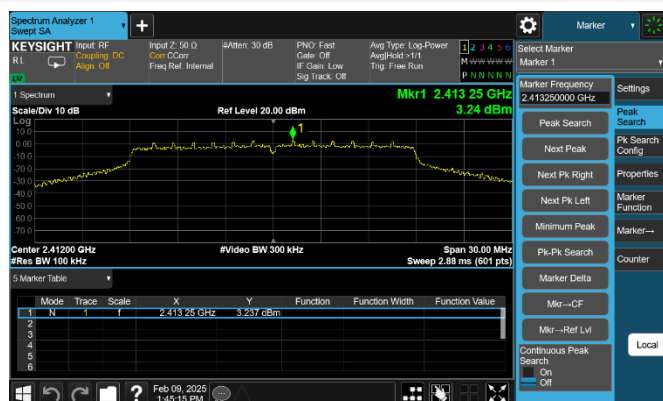
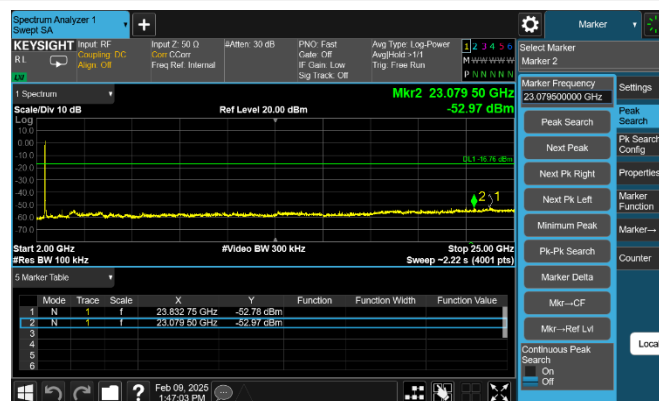
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

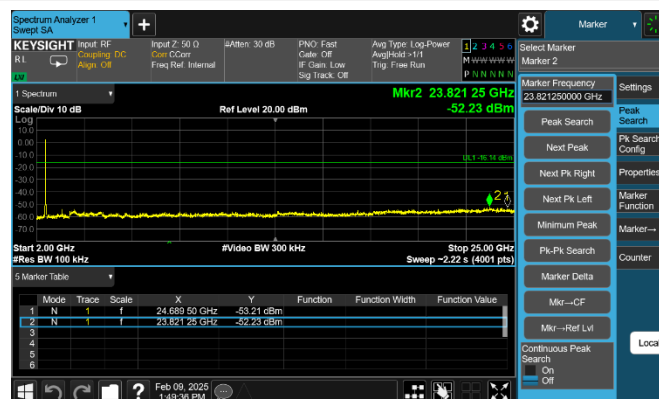
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



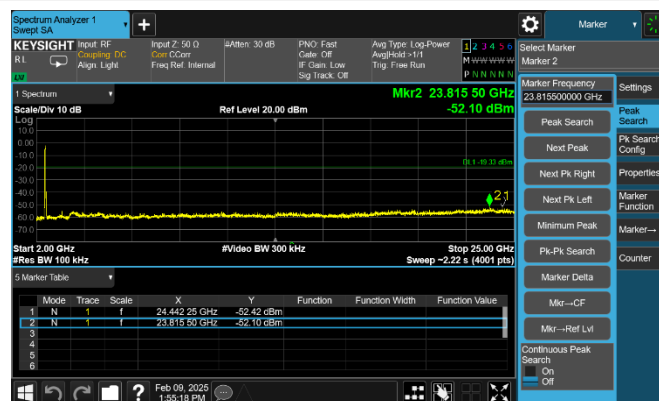
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



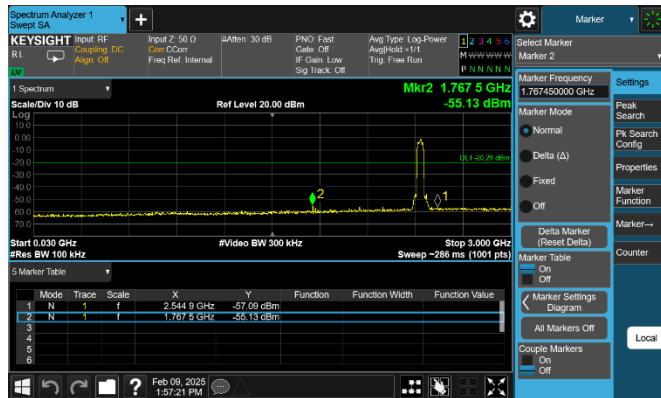
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

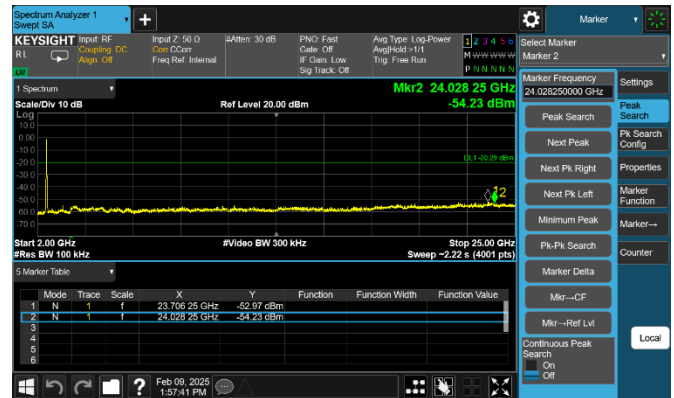
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



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



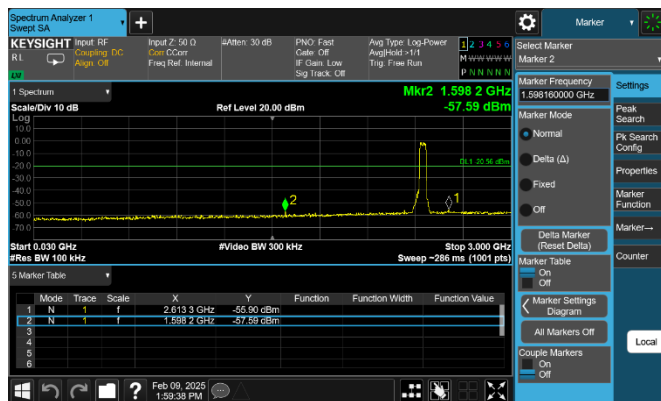
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



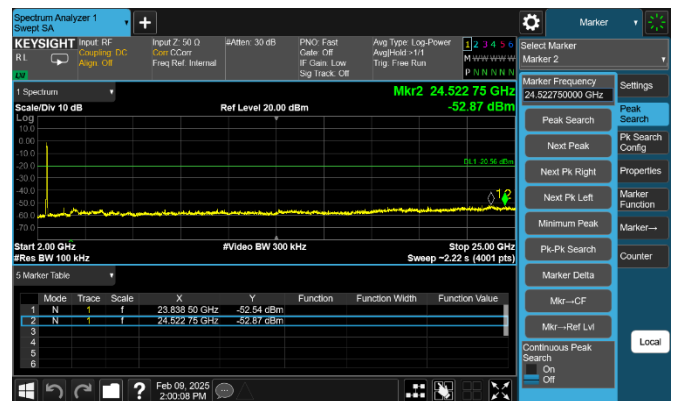
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-38.31	6.67	-13.33	Pass
High	-56.62	7.28	-12.72	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-25.04	4.52	-15.48	Pass
High	-50.74	4.96	-15.04	Pass

802.11n-20 MHz Mode:

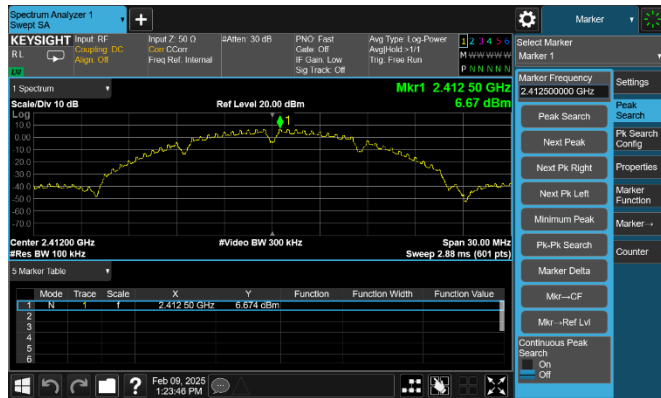
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-25.30	3.24	-16.76	Pass
High	-48.78	3.90	-16.10	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-37.49	0.67	-19.33	Pass
High	-49.52	-0.56	-20.56	Pass

Test Plots

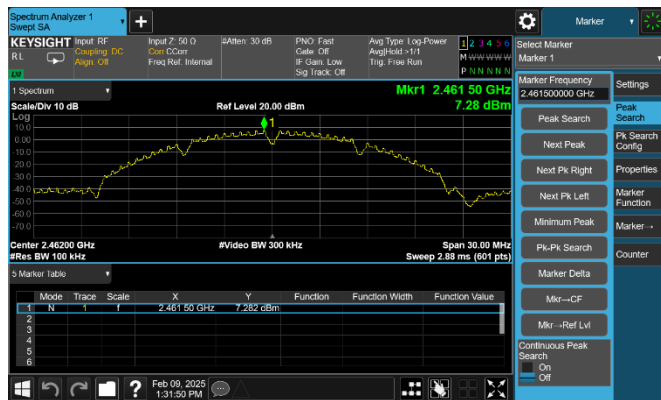
802.11b LOW CHANNEL, CARRIER LEVEL



802.11b LOW CHANNEL, BAND EDGE



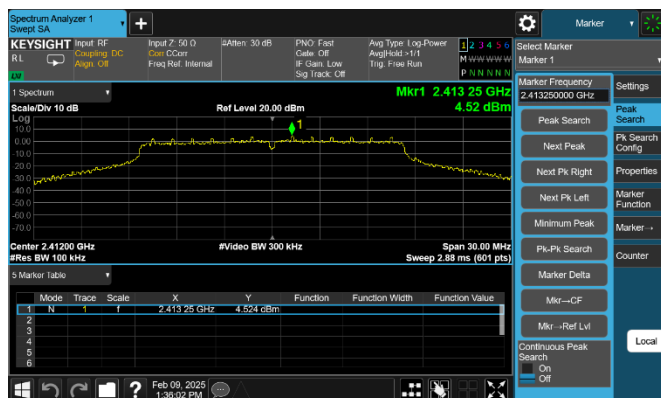
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



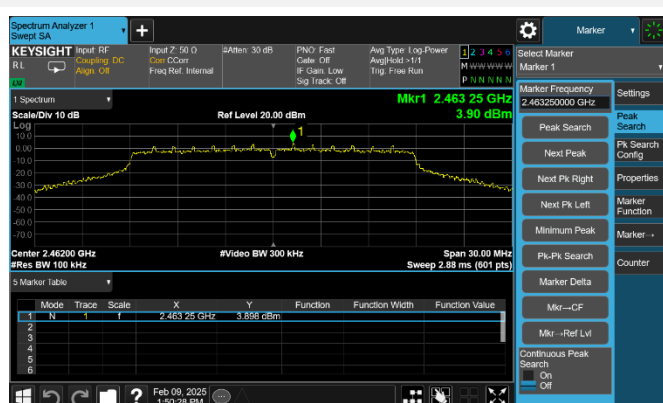
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



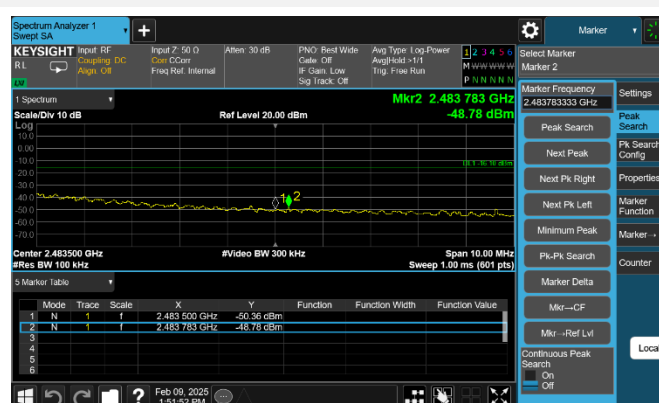
802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



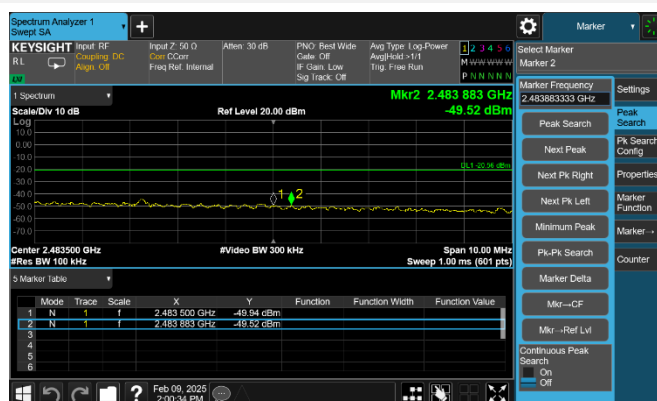
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emission

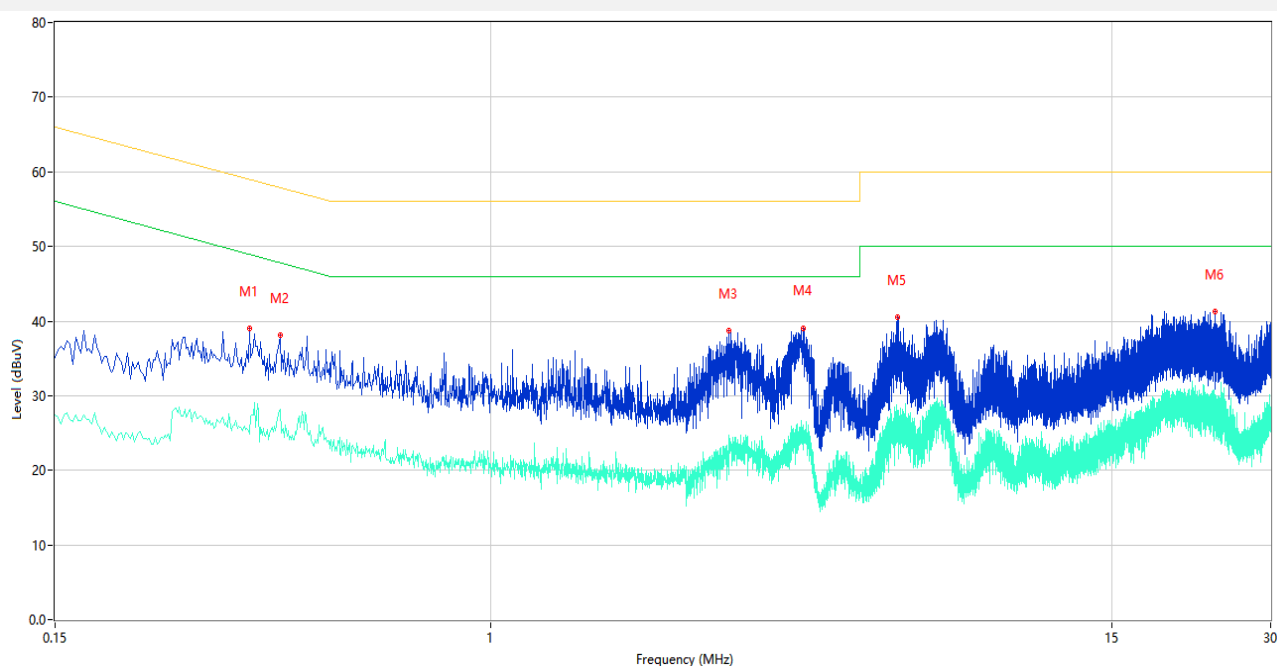
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

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

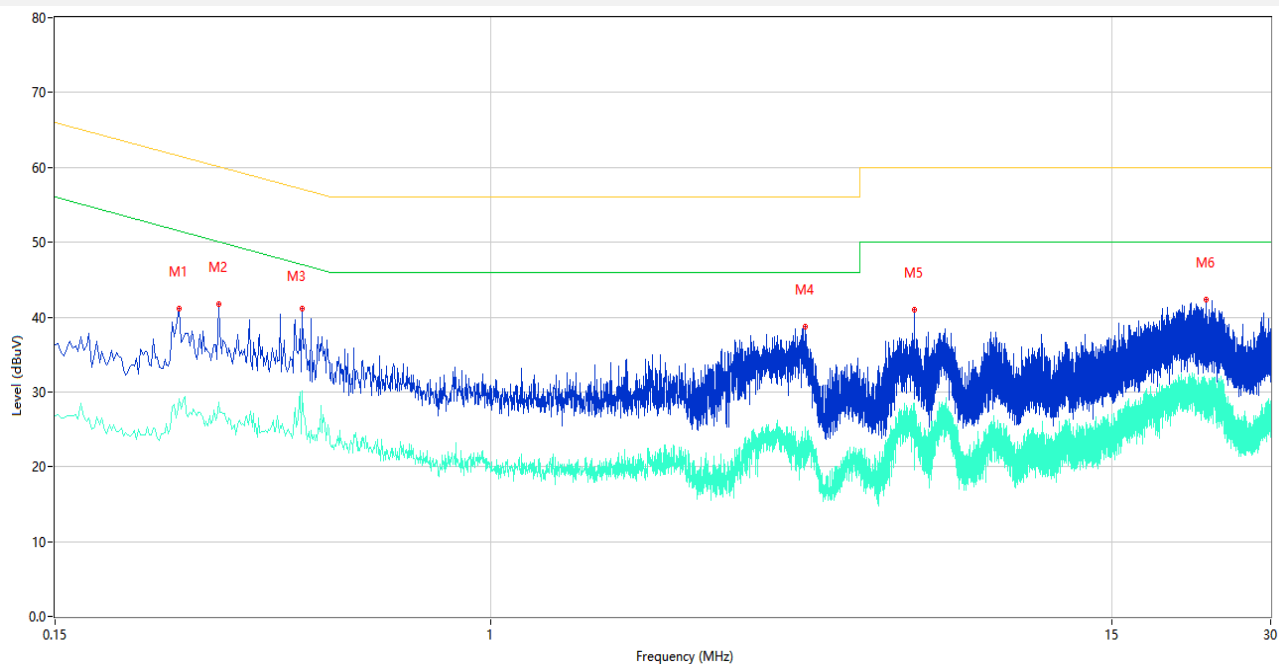
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.350	38.99	9.94	58.96	19.97	Peak	L	Pass
1**	0.350	24.82	9.94	48.96	24.14	AV	L	Pass
2	0.400	38.15	10.62	57.85	19.70	Peak	L	Pass
2**	0.400	28.12	10.62	47.85	19.73	AV	L	Pass
3	2.830	38.67	10.64	56.00	17.33	Peak	L	Pass
3**	2.830	22.81	10.64	46.00	23.19	AV	L	Pass
4	3.912	39.07	10.74	56.00	16.93	Peak	L	Pass
4**	3.912	24.50	10.74	46.00	21.50	AV	L	Pass
5	5.906	40.53	11.44	60.00	19.47	Peak	L	Pass
5**	5.906	27.96	11.44	50.00	22.04	AV	L	Pass
6	23.512	41.24	15.70	60.00	18.76	Peak	L	Pass
6**	23.512	28.89	15.70	50.00	21.11	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.258	41.09	10.03	61.50	20.41	Peak	N	Pass
1**	0.258	29.06	10.03	51.50	22.44	AV	N	Pass
2	0.306	41.69	10.03	60.08	18.39	Peak	N	Pass
2**	0.306	28.67	10.03	50.08	21.41	AV	N	Pass
3	0.440	41.12	10.57	57.06	15.94	Peak	N	Pass
3**	0.440	30.10	10.57	47.06	16.96	AV	N	Pass
4	3.950	38.65	10.85	56.00	17.35	Peak	N	Pass
4**	3.950	21.70	10.85	46.00	24.30	AV	N	Pass
5	6.356	40.92	11.49	60.00	19.08	Peak	N	Pass
5**	6.356	27.24	11.49	50.00	22.76	AV	N	Pass
6	22.676	42.38	15.71	60.00	17.62	Peak	N	Pass
6**	22.676	29.44	15.71	50.00	20.56	AV	N	Pass

A.6 Radiated Emission

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

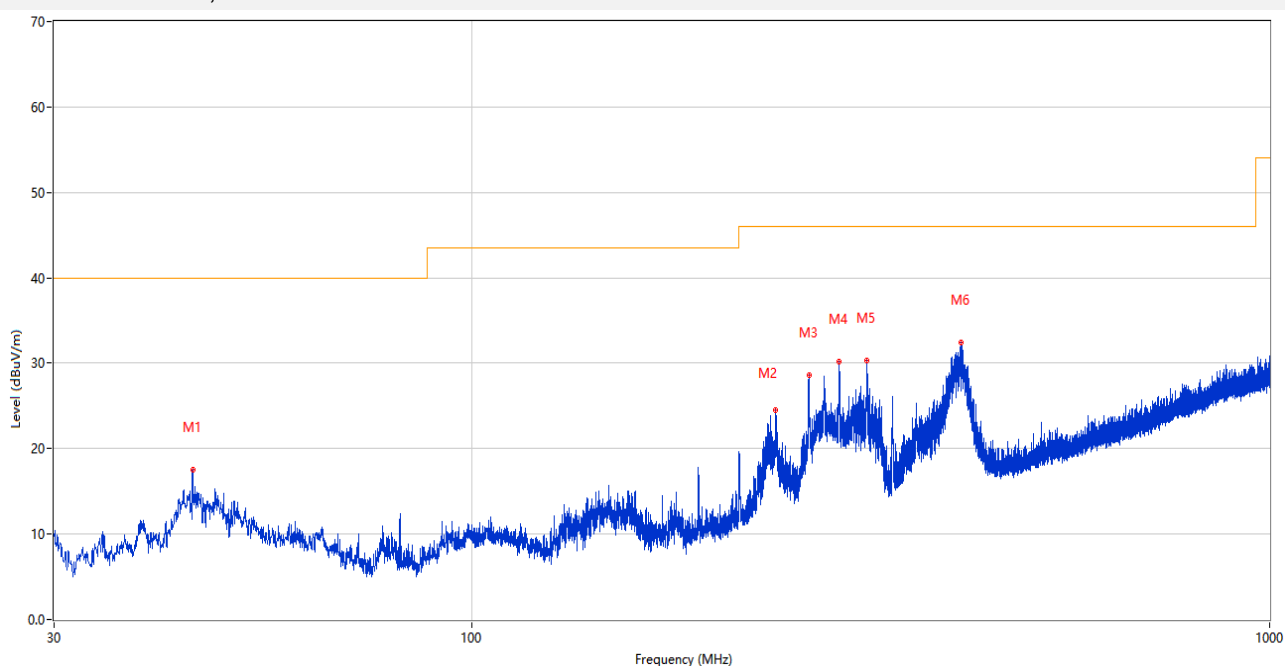
Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

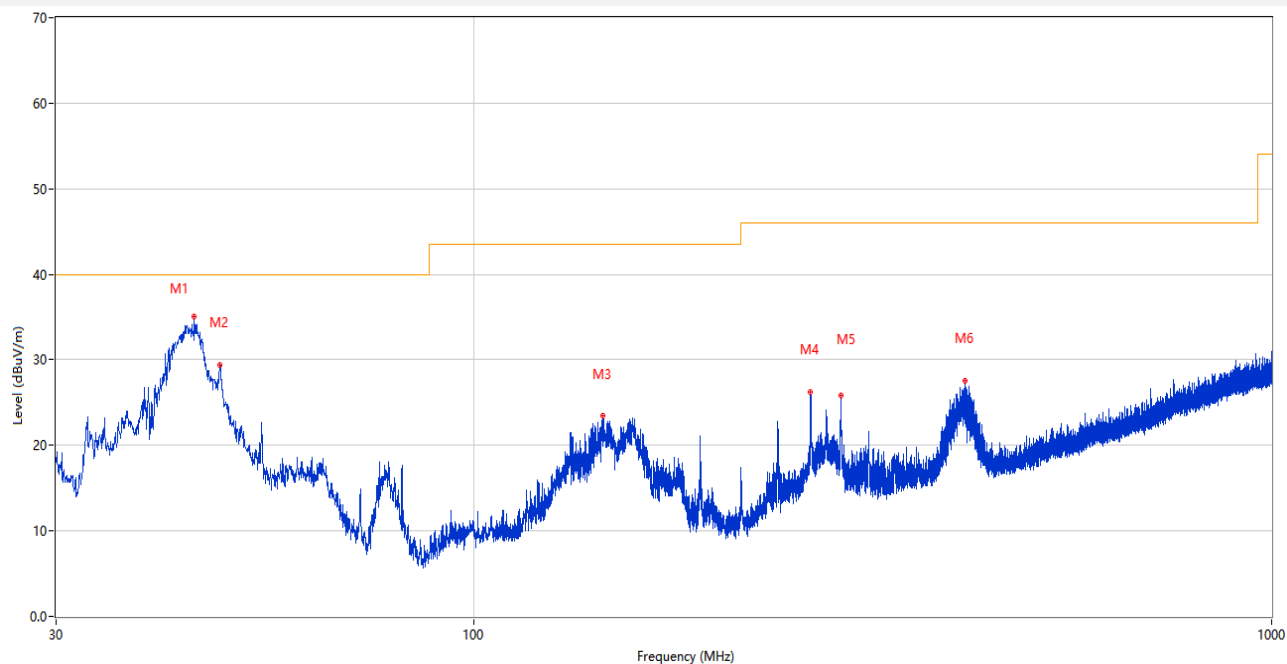
Test Data and Plots

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	44.744	17.54	-26.19	40.0	22.46	Peak	33.00	100	Horizontal	Pass
2	240.490	24.57	-25.26	46.0	21.43	Peak	53.00	200	Horizontal	Pass
3	264.643	28.59	-24.58	46.0	17.41	Peak	73.00	100	Horizontal	Pass
4	288.602	30.17	-23.84	46.0	15.83	Peak	75.00	100	Horizontal	Pass
5	312.852	30.38	-23.30	46.0	15.62	Peak	66.00	100	Horizontal	Pass
6	411.016	32.48	-20.69	46.0	13.52	Peak	216.00	100	Horizontal	Pass

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	44.696	35.06	-26.21	40.0	4.94	Peak	201.00	100	Vertical	Pass
2	48.090	29.44	-25.00	40.0	10.56	Peak	277.00	100	Vertical	Pass
3	145.382	23.40	-30.46	43.5	20.10	Peak	13.00	100	Vertical	Pass
4	264.498	26.22	-24.60	46.0	19.78	Peak	90.00	200	Vertical	Pass
5	288.505	25.80	-23.86	46.0	20.20	Peak	40.00	100	Vertical	Pass
6	412.714	27.51	-20.60	46.0	18.49	Peak	63.00	100	Vertical	Pass

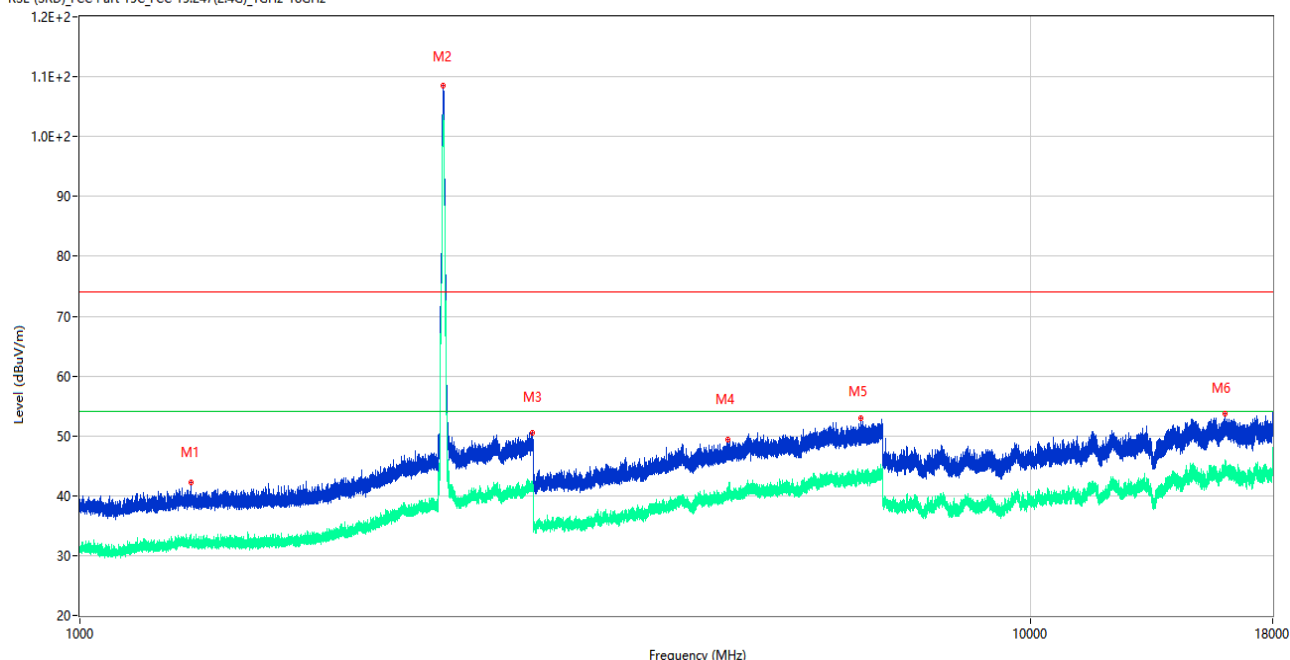
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

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

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

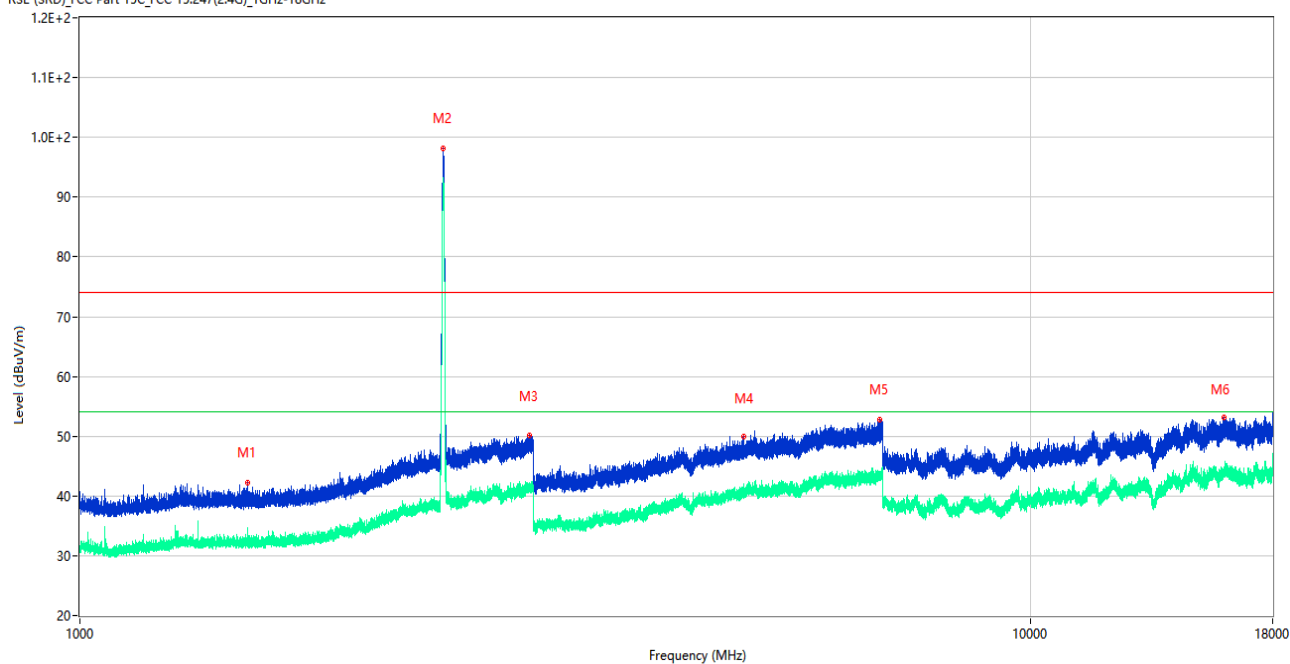
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1309.700	42.29	-17.25	74.0	31.71	Peak	161.00	400	Horizontal	Pass
1**	1309.700	32.20	-17.25	54.0	21.80	AV	161.00	400	Horizontal	Pass
2	2413.300	108.46	-12.84	74.0	-34.46	Peak	101.00	150	Horizontal	N/A
2**	2413.300	102.79	-12.84	54.0	-48.79	AV	101.00	150	Horizontal	N/A
3	2996.500	50.56	-9.95	74.0	23.44	Peak	360.00	200	Horizontal	Pass
3**	2996.500	42.37	-9.95	54.0	11.63	AV	360.00	200	Horizontal	Pass
4	4806.600	49.43	-3.41	74.0	24.57	Peak	230.00	100	Horizontal	Pass
4**	4806.600	40.09	-3.41	54.0	13.91	AV	230.00	100	Horizontal	Pass
5	6643.400	52.97	-1.07	74.0	21.03	Peak	197.00	200	Horizontal	Pass
5**	6643.400	42.52	-1.07	54.0	11.48	AV	197.00	200	Horizontal	Pass
6	16050.413	53.73	6.08	74.0	20.27	Peak	29.00	100	Horizontal	Pass
6**	16050.413	44.46	6.08	54.0	9.54	AV	29.00	100	Horizontal	Pass

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

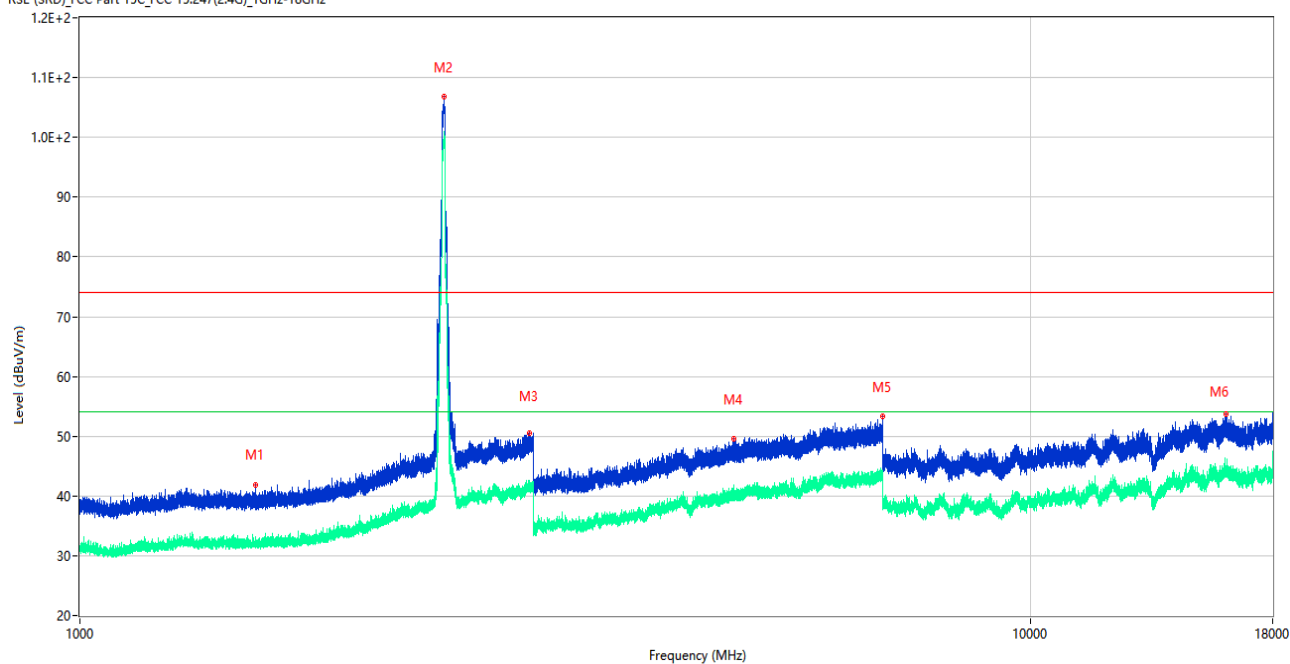
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	42.23	-17.43	74.0	31.77	Peak	129.00	300	Vertical	Pass
1**	1500.400	34.37	-17.43	54.0	19.63	AV	129.00	300	Vertical	Pass
2	2412.900	98.23	-12.86	74.0	-24.23	Peak	262.00	100	Vertical	N/A
2**	2412.900	92.59	-12.86	54.0	-38.59	AV	262.00	100	Vertical	N/A
3	2975.100	50.16	-10.14	74.0	23.84	Peak	256.00	100	Vertical	Pass
3**	2975.100	41.37	-10.14	54.0	12.63	AV	256.00	100	Vertical	Pass
4	4998.200	50.03	-3.34	74.0	23.97	Peak	358.00	400	Vertical	Pass
4**	4998.200	39.74	-3.34	54.0	14.26	AV	358.00	400	Vertical	Pass
5	6948.800	52.83	-0.49	74.0	21.17	Peak	256.00	200	Vertical	Pass
5**	6948.800	43.45	-0.49	54.0	10.55	AV	256.00	200	Vertical	Pass
6	16008.937	53.18	5.08	74.0	20.82	Peak	350.00	400	Vertical	Pass
6**	16008.937	43.24	5.08	54.0	10.76	AV	350.00	400	Vertical	Pass

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

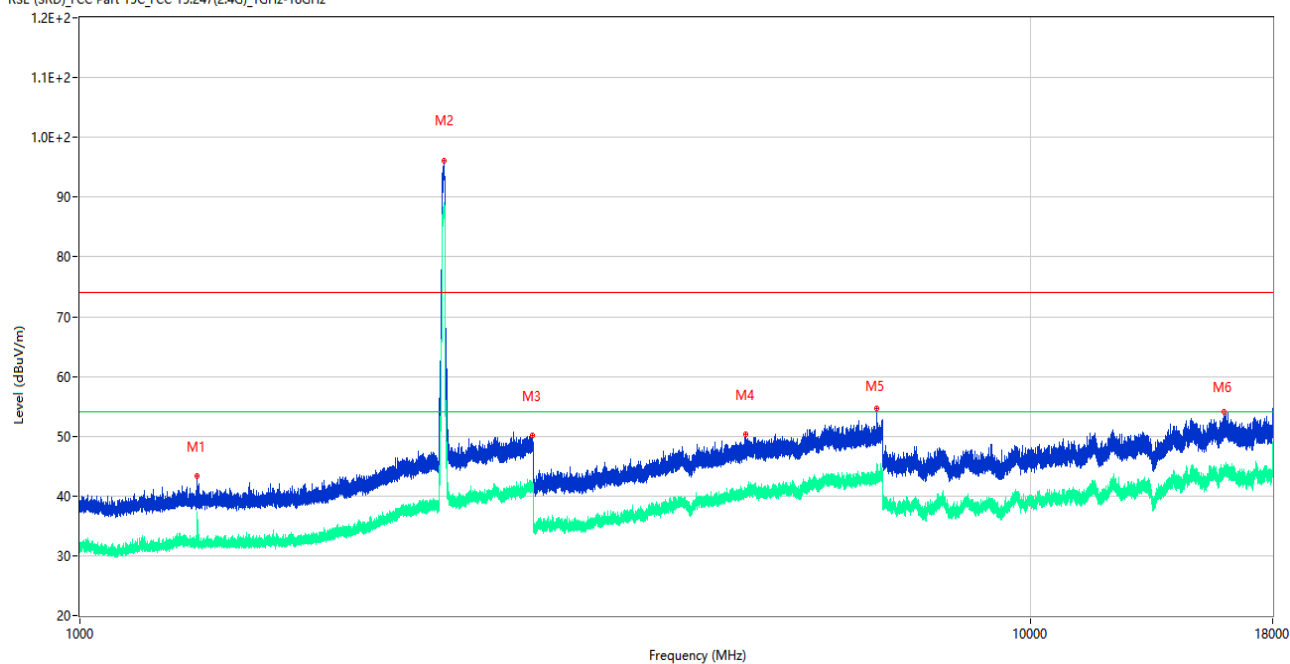
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.700	41.88	-17.57	74.0	32.12	Peak	20.00	200	Horizontal	Pass
1**	1529.700	32.49	-17.57	54.0	21.51	AV	20.00	200	Horizontal	Pass
2	2416.900	106.80	-12.67	74.0	-32.80	Peak	127.00	100	Horizontal	N/A
2**	2416.900	99.58	-12.67	54.0	-45.58	AV	127.00	100	Horizontal	N/A
3	2974.600	50.52	-10.16	74.0	23.48	Peak	187.00	150	Horizontal	Pass
3**	2974.600	41.52	-10.16	54.0	12.48	AV	187.00	150	Horizontal	Pass
4	4878.800	49.54	-3.56	74.0	24.46	Peak	180.00	400	Horizontal	Pass
4**	4878.800	39.55	-3.56	54.0	14.45	AV	180.00	400	Horizontal	Pass
5	6989.200	53.30	-0.41	74.0	20.70	Peak	100.00	200	Horizontal	Pass
5**	6989.200	43.35	-0.41	54.0	10.65	AV	100.00	200	Horizontal	Pass
6	16058.287	53.69	5.82	74.0	20.31	Peak	51.00	300	Horizontal	Pass
6**	16058.287	43.49	5.82	54.0	10.51	AV	51.00	300	Horizontal	Pass

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

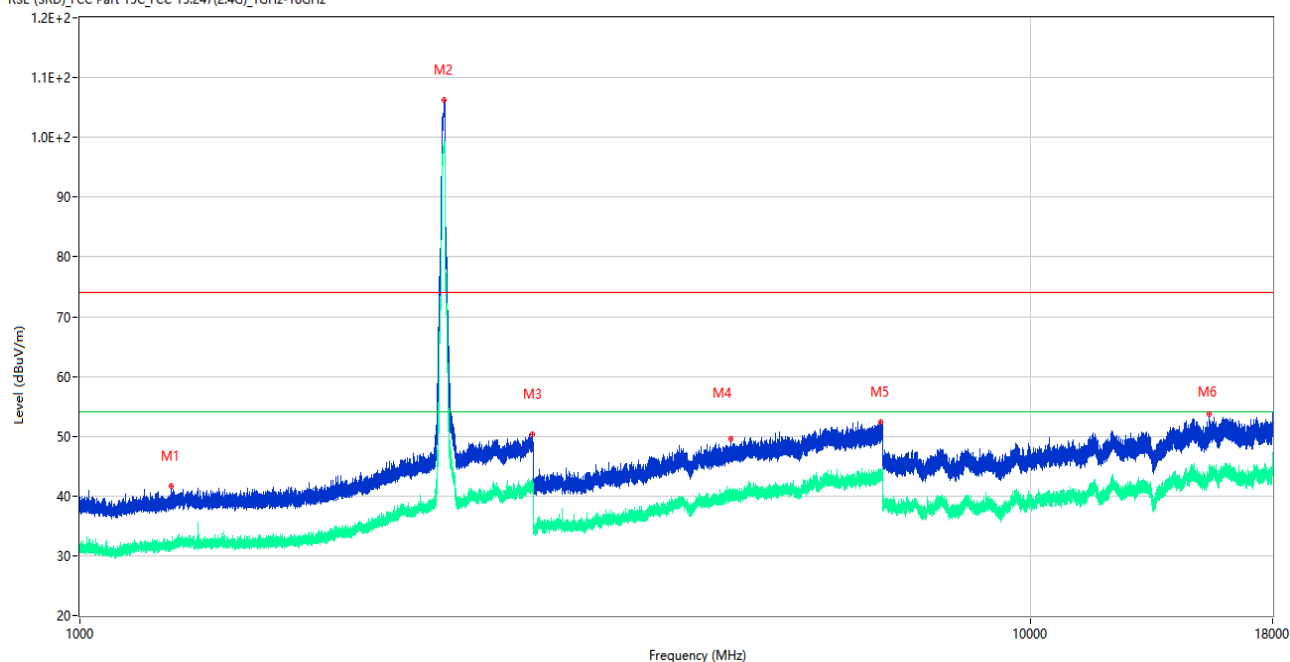
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	43.27	-17.44	74.0	30.73	Peak	331.00	400	Vertical	Pass
1**	1327.500	31.99	-17.44	54.0	22.01	AV	331.00	400	Vertical	Pass
2	2418.200	96.16	-12.62	74.0	-22.16	Peak	223.00	200	Vertical	N/A
2**	2418.200	88.49	-12.62	54.0	-34.49	AV	223.00	200	Vertical	N/A
3	2992.400	50.04	-9.93	74.0	23.96	Peak	251.00	150	Vertical	Pass
3**	2992.400	41.52	-9.93	54.0	12.48	AV	251.00	150	Vertical	Pass
4	5017.000	50.25	-3.00	74.0	23.75	Peak	0.00	150	Vertical	Pass
4**	5017.000	40.24	-3.00	54.0	13.76	AV	0.00	150	Vertical	Pass
5	6901.400	54.62	-0.49	74.0	19.38	Peak	191.00	400	Vertical	Pass
5**	6901.400	42.68	-0.49	54.0	11.32	AV	191.00	400	Vertical	Pass
6	15999.487	54.15	5.04	74.0	19.85	Peak	24.00	100	Vertical	Pass
6**	15999.487	43.49	5.04	54.0	10.51	AV	24.00	100	Vertical	Pass

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

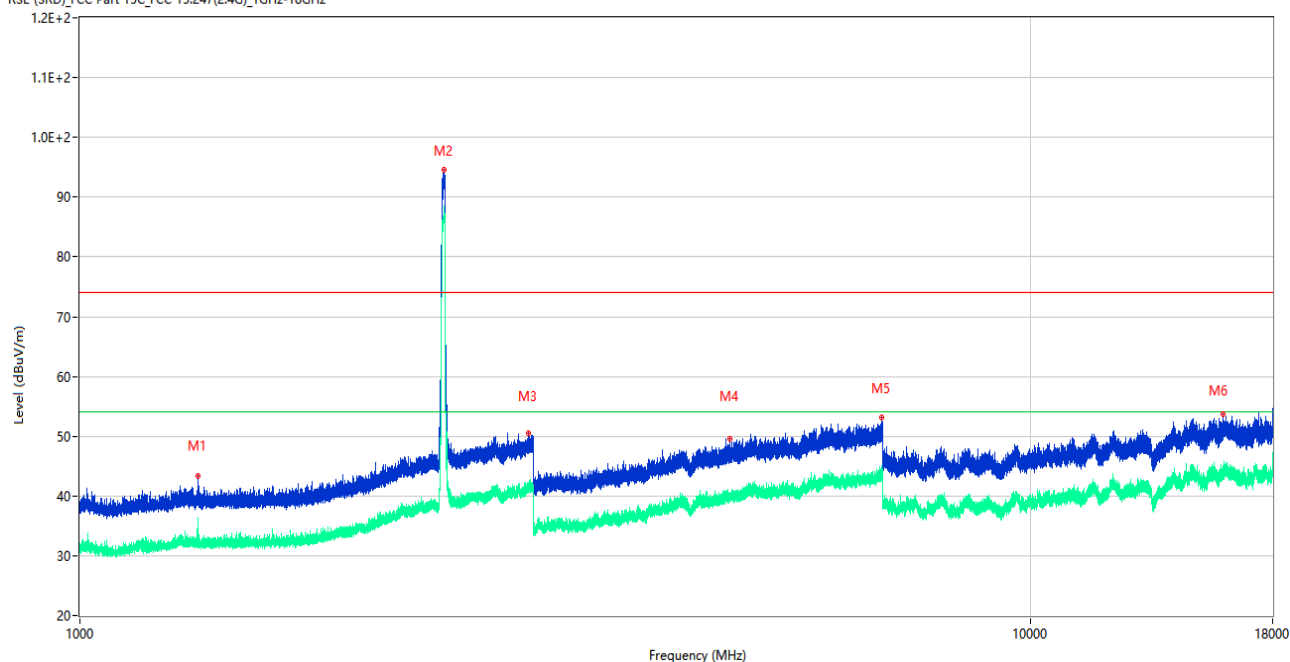
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.800	41.73	-17.63	74.0	32.27	Peak	73.00	300	Horizontal	Pass
1**	1248.800	32.27	-17.63	54.0	21.73	AV	73.00	300	Horizontal	Pass
2	2419.500	106.32	-12.50	74.0	-32.32	Peak	110.00	150	Horizontal	N/A
2**	2419.500	98.74	-12.50	54.0	-44.74	AV	110.00	150	Horizontal	N/A
3	2992.100	50.37	-9.94	74.0	23.63	Peak	122.00	150	Horizontal	Pass
3**	2992.100	41.02	-9.94	54.0	12.98	AV	122.00	150	Horizontal	Pass
4	4845.600	49.54	-3.36	74.0	24.46	Peak	317.00	200	Horizontal	Pass
4**	4845.600	39.83	-3.36	54.0	14.17	AV	317.00	200	Horizontal	Pass
5	6957.400	52.41	-0.45	74.0	21.59	Peak	346.00	100	Horizontal	Pass
5**	6957.400	42.85	-0.45	54.0	11.15	AV	346.00	100	Horizontal	Pass
6	15432.487	53.79	4.15	74.0	20.21	Peak	0.00	300	Horizontal	Pass
6**	15432.487	43.19	4.15	54.0	10.81	AV	0.00	300	Horizontal	Pass

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

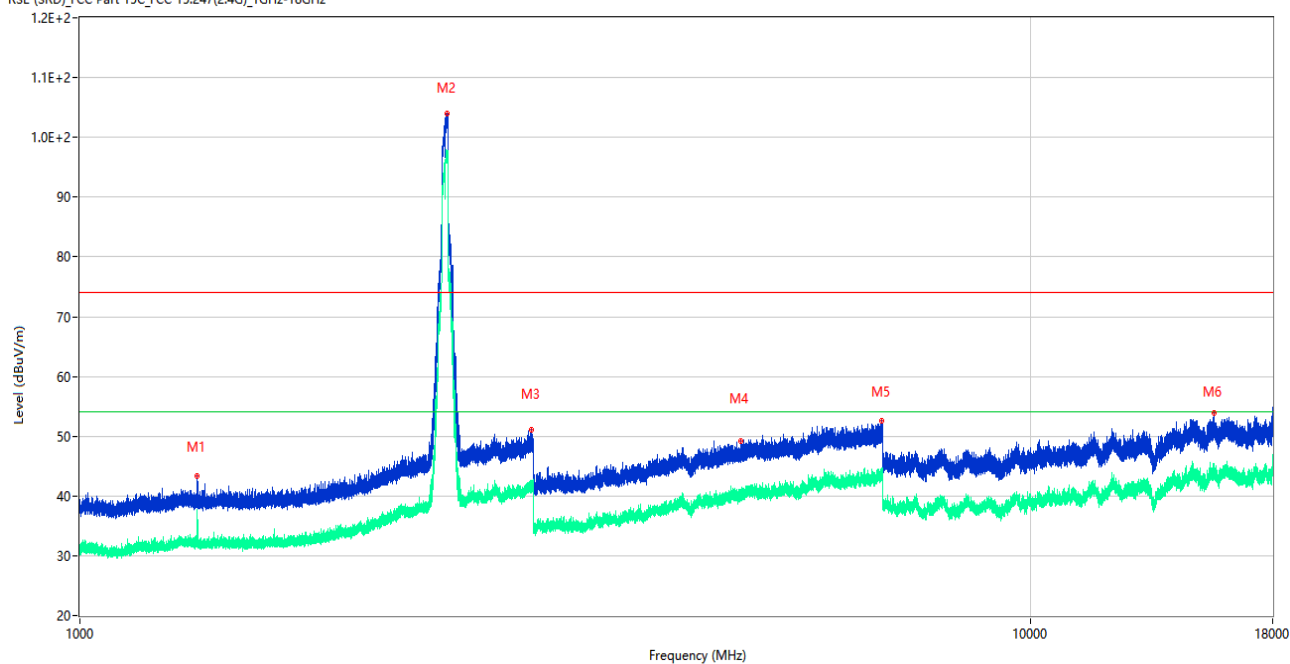
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	43.42	-17.53	74.0	30.58	Peak	124.00	400	Vertical	Pass
1**	1330.100	32.39	-17.53	54.0	21.61	AV	124.00	400	Vertical	Pass
2	2416.500	94.54	-12.69	74.0	-20.54	Peak	223.00	100	Vertical	N/A
2**	2416.500	86.94	-12.69	54.0	-32.94	AV	223.00	100	Vertical	N/A
3	2966.000	50.49	-10.22	74.0	23.51	Peak	331.00	150	Vertical	Pass
3**	2966.000	40.66	-10.22	54.0	13.34	AV	331.00	150	Vertical	Pass
4	4830.000	49.51	-3.45	74.0	24.49	Peak	0.00	300	Vertical	Pass
4**	4830.000	39.17	-3.45	54.0	14.83	AV	0.00	300	Vertical	Pass
5	6987.000	53.11	-0.38	74.0	20.89	Peak	329.00	100	Vertical	Pass
5**	6987.000	43.08	-0.38	54.0	10.92	AV	329.00	100	Vertical	Pass
6	15970.088	53.74	4.91	74.0	20.26	Peak	359.00	100	Vertical	Pass
6**	15970.088	43.57	4.91	54.0	10.43	AV	359.00	100	Vertical	Pass

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

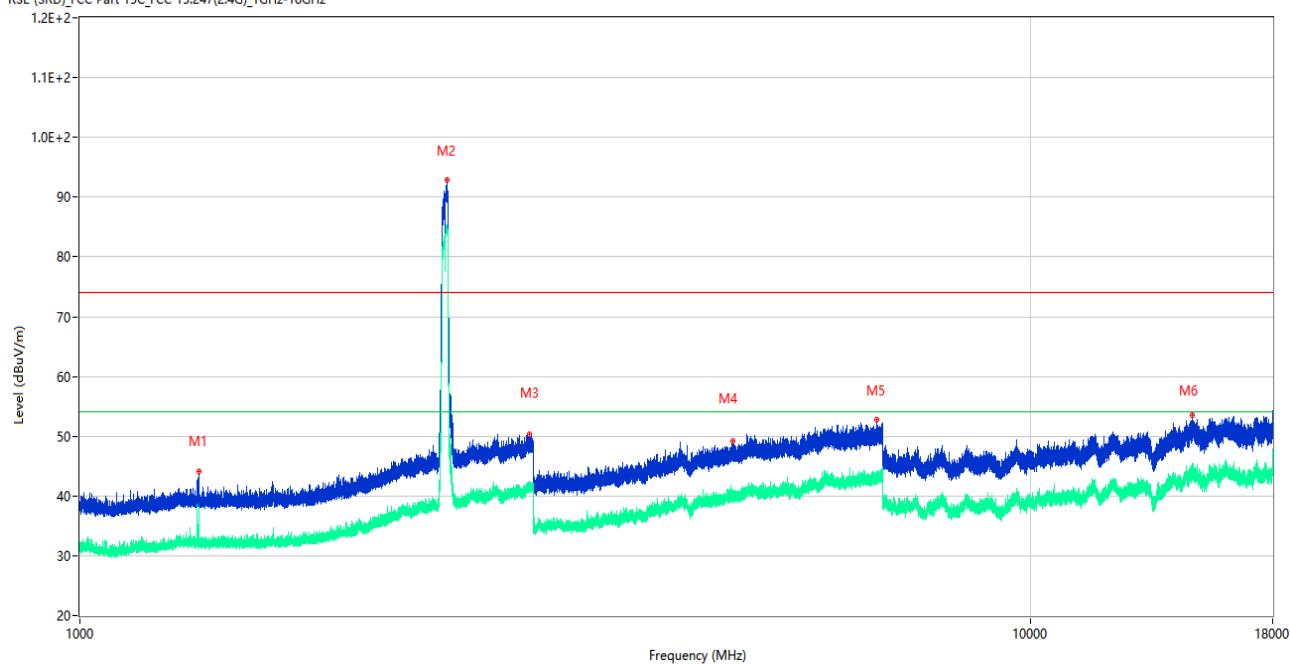
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	43.26	-17.44	74.0	30.74	Peak	210.00	200	Horizontal	Pass
1**	1328.700	35.72	-17.44	54.0	18.28	AV	210.00	200	Horizontal	Pass
2	2434.500	104.04	-11.93	74.0	-30.04	Peak	102.00	150	Horizontal	N/A
2**	2434.500	96.39	-11.93	54.0	-42.39	AV	102.00	150	Horizontal	N/A
3	2984.600	51.07	-10.13	74.0	22.93	Peak	296.00	200	Horizontal	Pass
3**	2984.600	41.29	-10.13	54.0	12.71	AV	296.00	200	Horizontal	Pass
4	4959.200	49.22	-3.58	74.0	24.78	Peak	169.00	200	Horizontal	Pass
4**	4959.200	39.93	-3.58	54.0	14.07	AV	169.00	200	Horizontal	Pass
5	6981.200	52.51	-0.38	74.0	21.49	Peak	146.00	300	Horizontal	Pass
5**	6981.200	43.55	-0.38	54.0	10.45	AV	146.00	300	Horizontal	Pass
6	15634.612	53.85	4.83	74.0	20.15	Peak	245.00	200	Horizontal	Pass
6**	15634.612	43.01	4.83	54.0	10.99	AV	245.00	200	Horizontal	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	44.20	-17.63	74.0	29.80	Peak	150.00	200	Vertical	Pass
1**	1333.200	32.90	-17.63	54.0	21.10	AV	150.00	200	Vertical	Pass
2	2432.400	92.82	-12.01	74.0	-18.82	Peak	329.00	150	Vertical	N/A
2**	2432.400	84.58	-12.01	54.0	-30.58	AV	329.00	150	Vertical	N/A
3	2975.100	50.30	-10.14	74.0	23.70	Peak	359.00	150	Vertical	Pass
3**	2975.100	41.00	-10.14	54.0	13.00	AV	359.00	150	Vertical	Pass
4	4870.600	49.22	-3.40	74.0	24.78	Peak	0.00	100	Vertical	Pass
4**	4870.600	40.60	-3.40	54.0	13.40	AV	0.00	100	Vertical	Pass
5	6894.800	52.68	-0.46	74.0	21.32	Peak	186.00	200	Vertical	Pass
5**	6894.800	43.55	-0.46	54.0	10.45	AV	186.00	200	Vertical	Pass
6	14826.637	53.50	4.89	74.0	20.50	Peak	21.00	100	Vertical	Pass
6**	14826.637	43.86	4.89	54.0	10.14	AV	21.00	100	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.

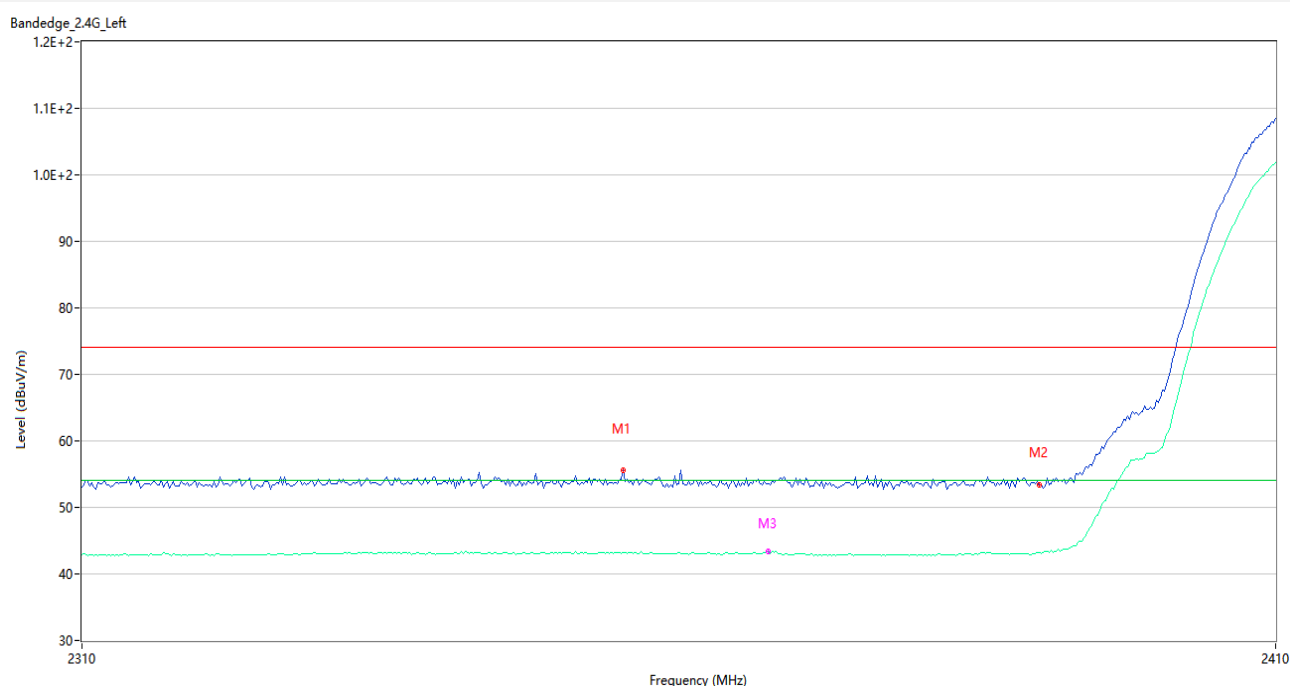
Note 2: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

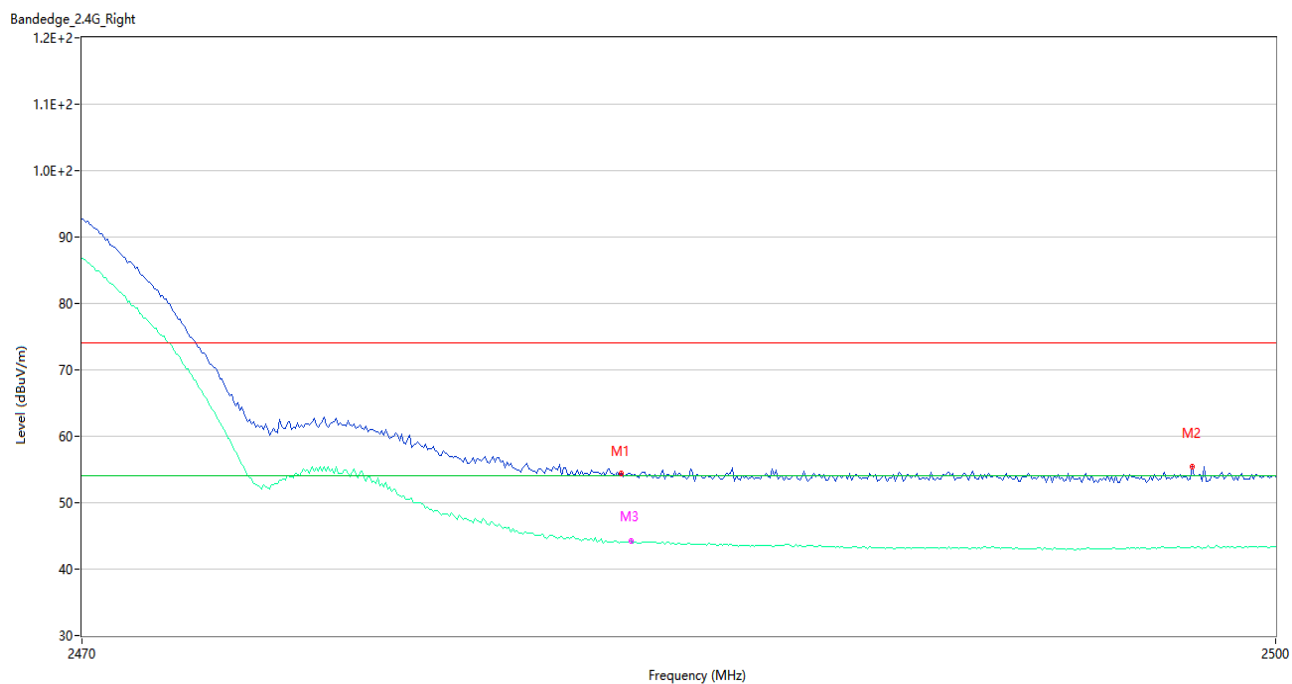
Test Data and Plots

802.11b LOW CHANNEL



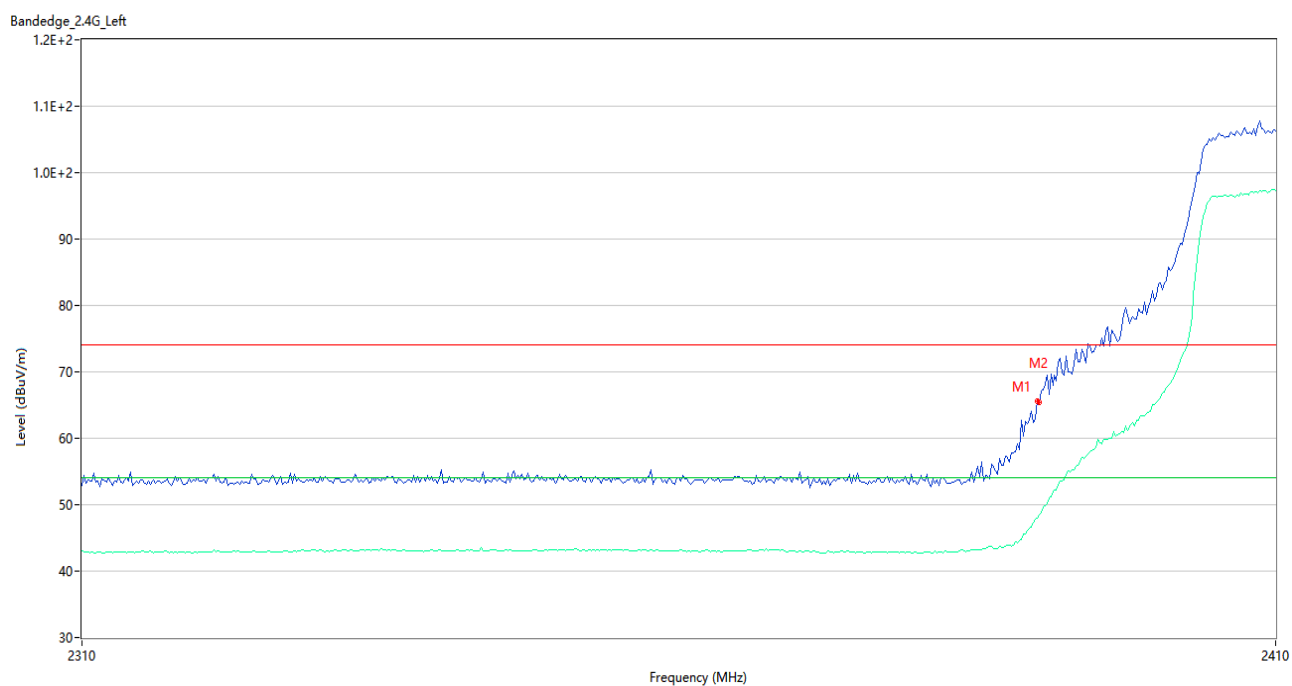
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2354.833	55.65	-0.56	74.0	18.35	Peak	199.00	200	Horizontal	Pass
1**	2354.833	43.19	-0.56	54.0	10.81	AV	199.00	200	Horizontal	Pass
2	2389.833	53.34	-1.15	74.0	20.66	Peak	140.00	300	Horizontal	Pass
2**	2389.833	43.18	-1.15	54.0	10.82	AV	140.00	300	Horizontal	Pass
3	2367.000	53.54	-0.53	74.0	20.46	Peak	207.00	150	Horizontal	Pass
3**	2367.000	43.44	-0.53	54.0	10.56	AV	207.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



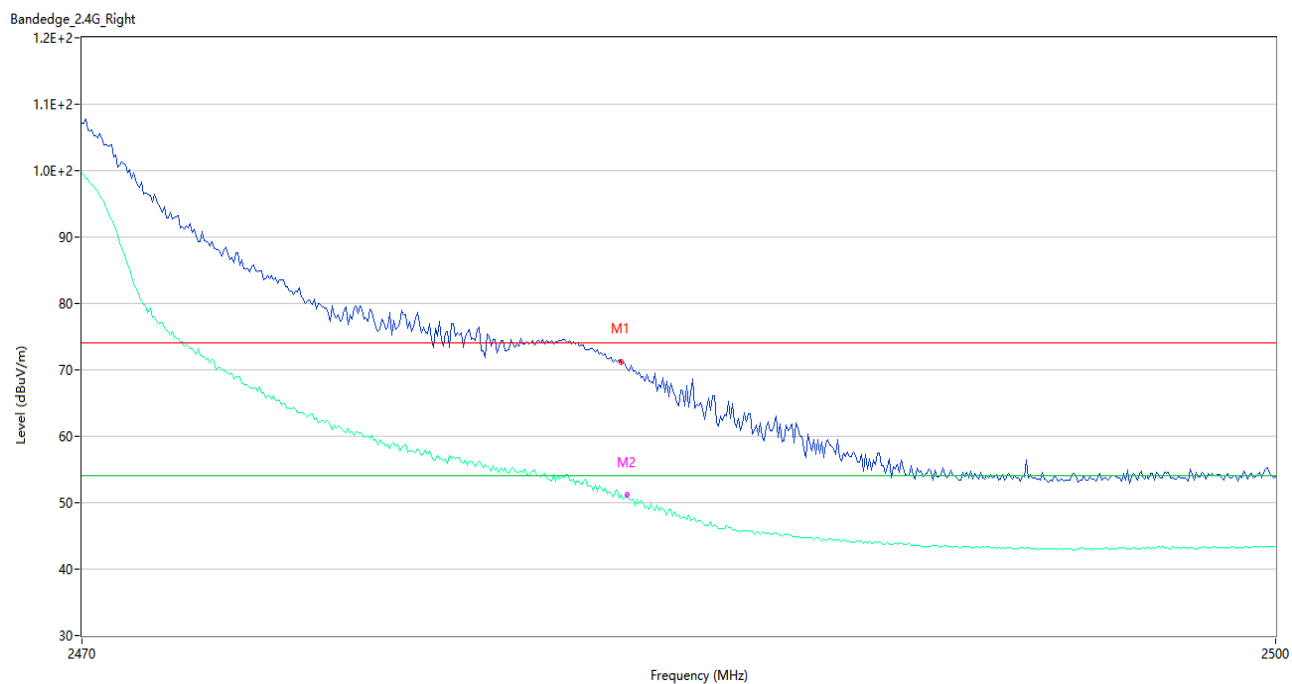
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.42	-0.51	74.0	19.58	Peak	104.00	400	Horizontal	Pass
1**	2483.500	44.06	-0.51	54.0	9.94	AV	104.00	400	Horizontal	Pass
2	2497.900	55.47	-0.52	74.0	18.53	Peak	235.00	300	Horizontal	Pass
2**	2497.900	43.40	-0.52	54.0	10.60	AV	235.00	300	Horizontal	Pass
3	2483.750	54.26	-0.51	74.0	19.74	Peak	135.00	150	Horizontal	Pass
3**	2483.750	44.15	-0.51	54.0	9.85	AV	135.00	150	Horizontal	Pass

802.11g LOW CHANNEL



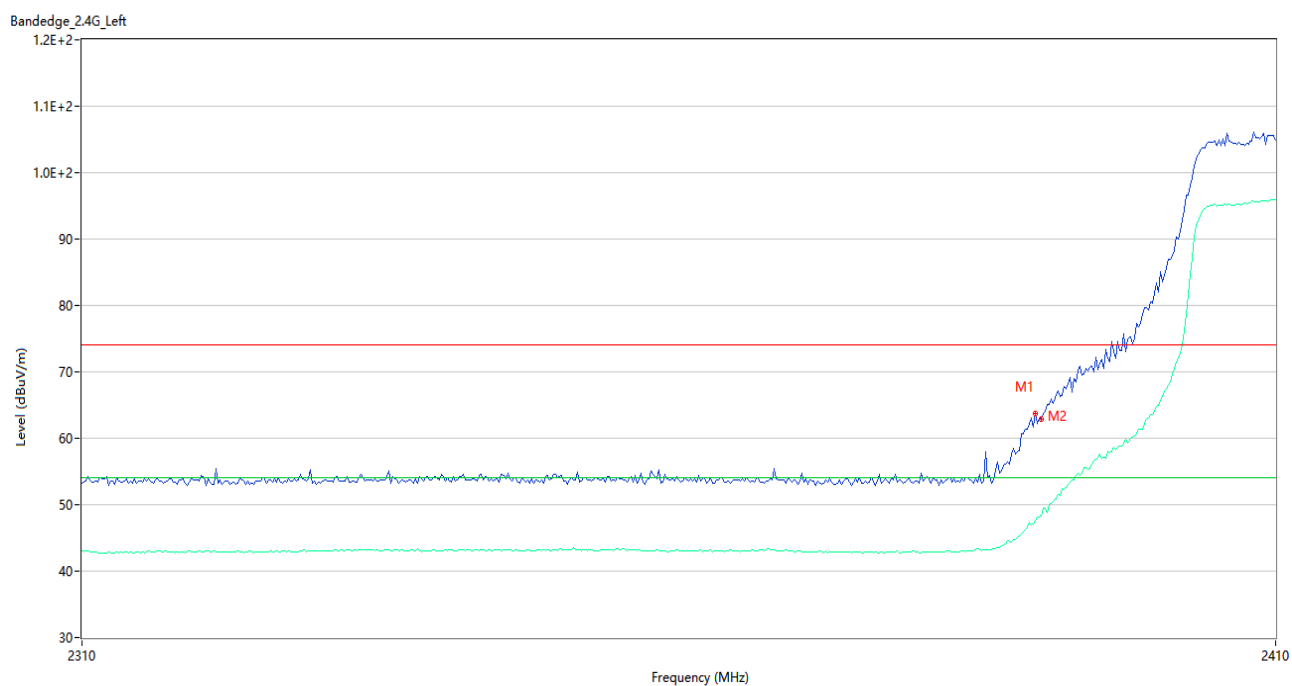
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	65.66	-1.15	74.0	8.34	Peak	116.00	100	Horizontal	Pass
1**	2389.667	47.96	-1.15	54.0	6.04	AV	116.00	100	Horizontal	Pass
2	2390.000	65.46	-1.15	74.0	8.54	Peak	91.00	400	Horizontal	Pass
2**	2390.000	48.43	-1.15	54.0	5.57	AV	91.00	400	Horizontal	Pass

802.11g HIGH CHANNEL



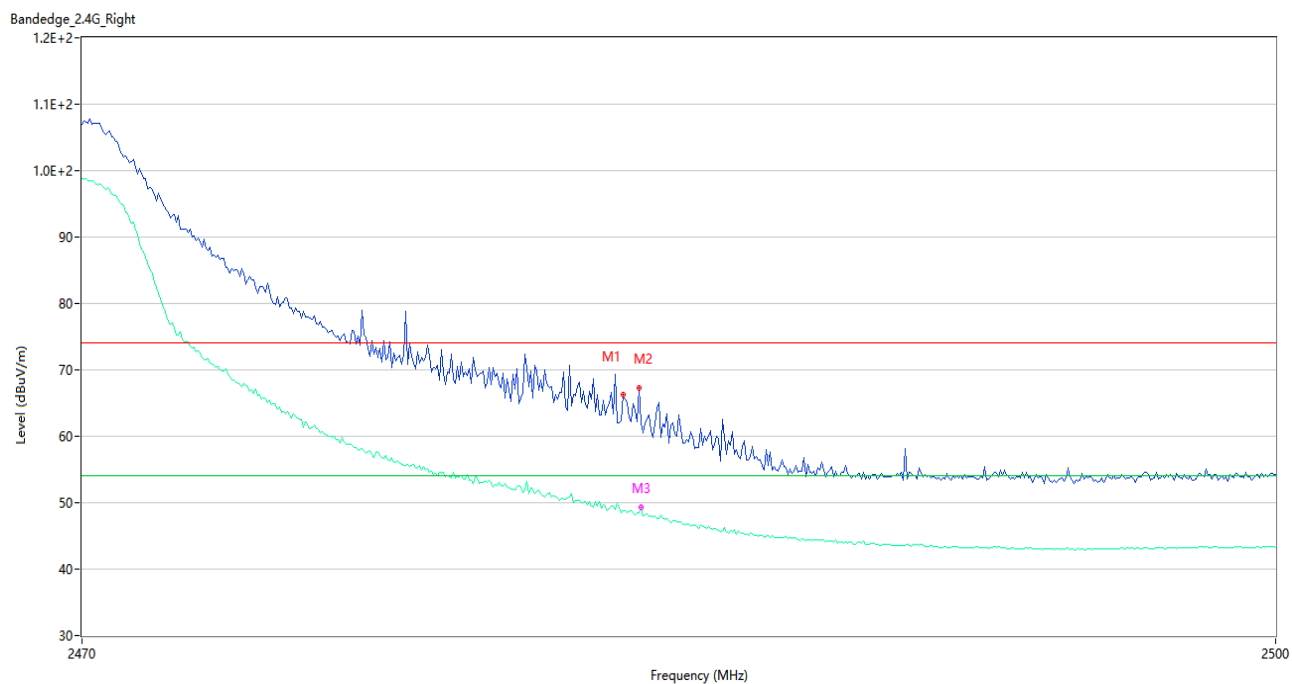
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	71.25	-0.51	74.0	2.75	Peak	112.00	300	Horizontal	Pass
1**	2483.500	51.18	-0.51	54.0	2.82	AV	112.00	300	Horizontal	Pass
2	2483.650	70.12	-0.51	74.0	3.88	Peak	129.00	300	Horizontal	Pass
2**	2483.650	51.19	-0.51	54.0	2.81	AV	129.00	300	Horizontal	Pass

802.11n20 LOW CHANNEL



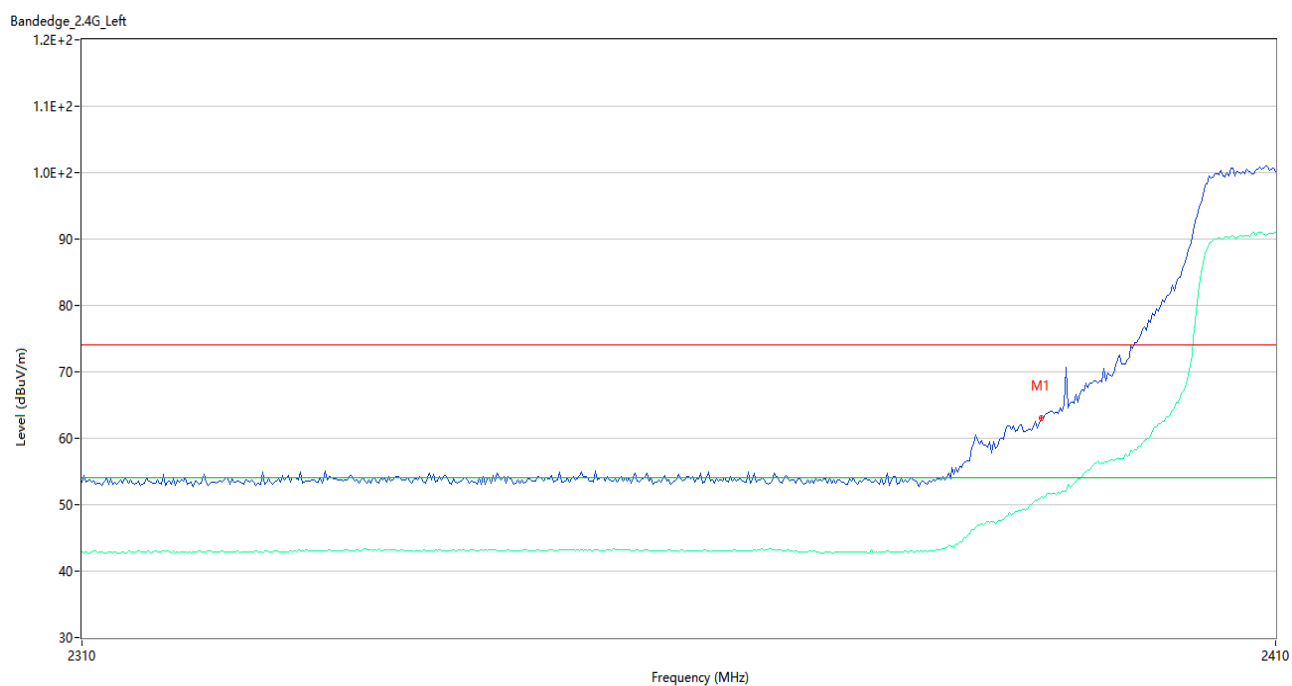
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	63.80	-1.15	74.0	10.20	Peak	111.00	200	Horizontal	Pass
1**	2389.500	47.70	-1.15	54.0	6.30	AV	111.00	200	Horizontal	Pass
2	2390.000	62.80	-1.15	74.0	11.20	Peak	136.00	400	Horizontal	Pass
2**	2390.000	48.38	-1.15	54.0	5.62	AV	136.00	400	Horizontal	Pass

802.11n20 HIGH CHANNEL



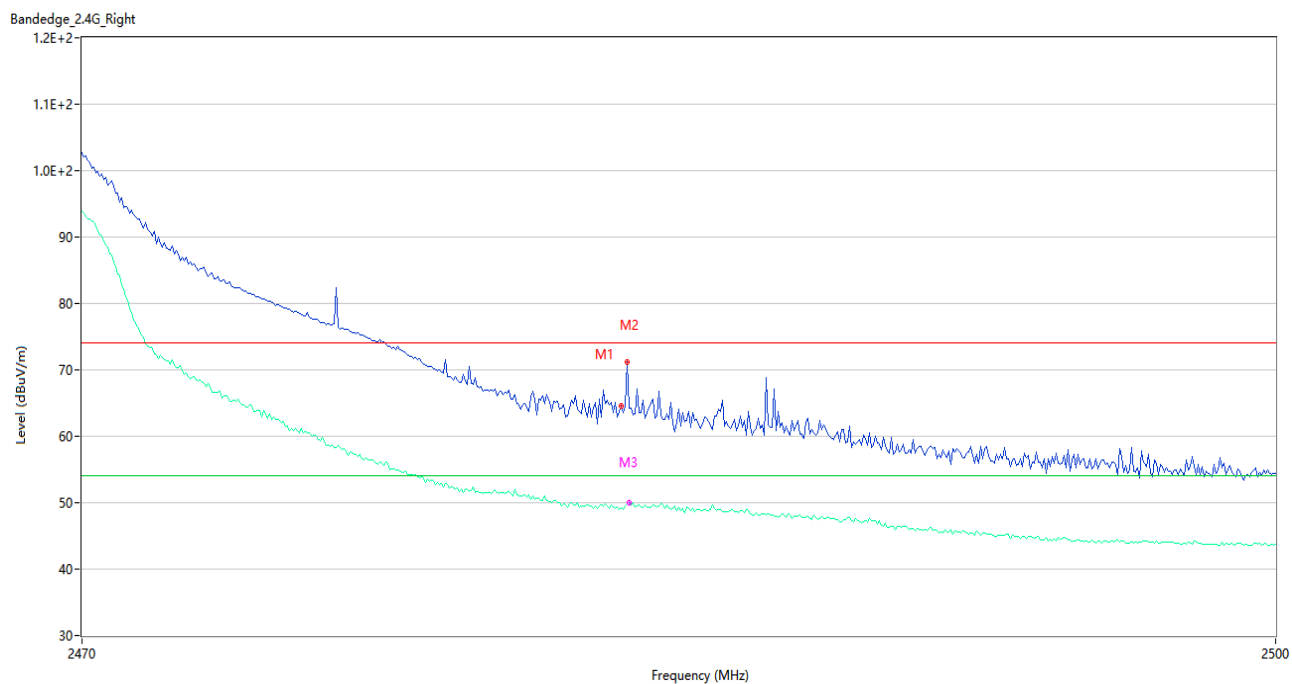
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	66.22	-0.51	74.0	7.78	Peak	132.00	200	Horizontal	Pass
1**	2483.500	48.82	-0.51	54.0	5.18	AV	132.00	200	Horizontal	Pass
2	2483.950	67.33	-0.50	74.0	6.67	Peak	116.00	400	Horizontal	Pass
2**	2483.950	48.52	-0.50	54.0	5.48	AV	116.00	400	Horizontal	Pass
3	2484.000	62.04	-0.50	74.0	11.96	Peak	111.00	150	Horizontal	Pass
3**	2484.000	49.36	-0.50	54.0	4.64	AV	111.00	150	Horizontal	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	2390.000	63.00	-1.15	74.0	11.00	Peak	109.00	200	Horizontal	Pass
1**	2390.000	51.27	-1.15	54.0	2.73	AV	109.00	200	Horizontal	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	2483.500	64.65	-0.51	74.0	9.35	Peak	117.00	100	Horizontal	Pass
1**	2483.500	49.22	-0.51	54.0	4.78	AV	117.00	100	Horizontal	Pass
2	2483.650	71.20	-0.51	74.0	2.80	Peak	71.00	300	Horizontal	Pass
2**	2483.650	49.79	-0.51	54.0	4.21	AV	71.00	300	Horizontal	Pass
3	2483.700	64.31	-0.51	74.0	9.69	Peak	132.00	300	Horizontal	Pass
3**	2483.700	49.97	-0.51	54.0	4.03	AV	132.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.08	8
Middle	-7.50	8
High	-6.47	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.57	8
Middle	-11.18	8
High	-9.90	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.44	8
Middle	-13.42	8
High	-13.37	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.89	8
Middle	-16.04	8
High	-15.00	8

Test Plots

802.11b LOW CHANNEL



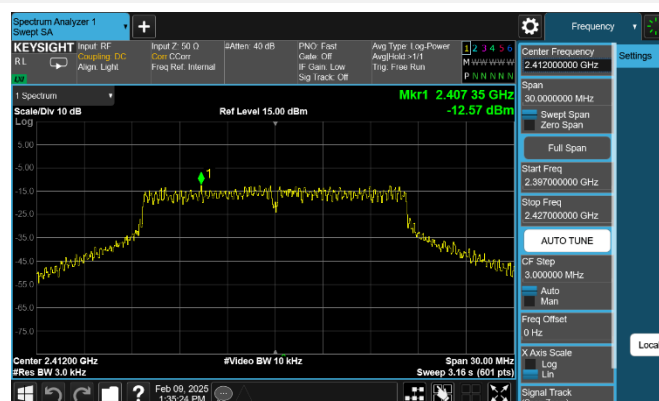
802.11b MIDDLE CHANNEL



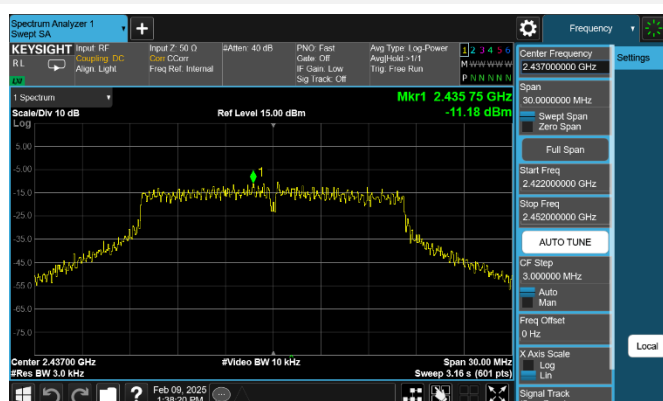
802.11b HIGH CHANNEL



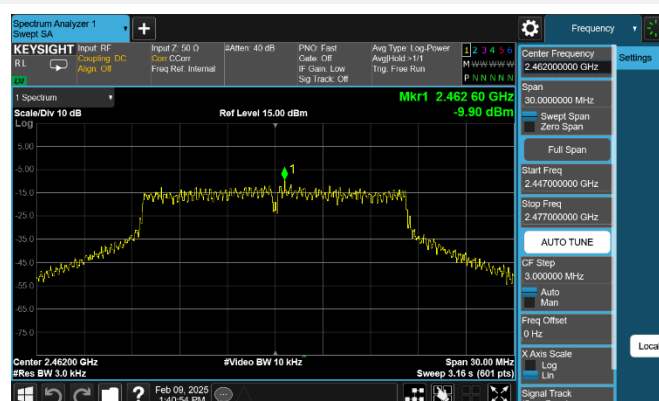
802.11g LOW CHANNEL



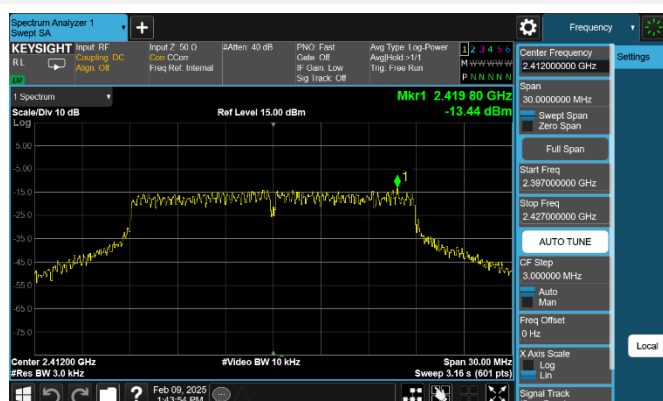
802.11g MIDDLE CHANNEL



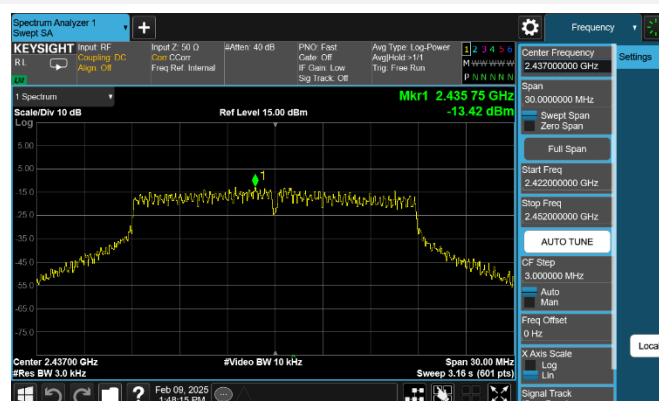
802.11g HIGH CHANNEL



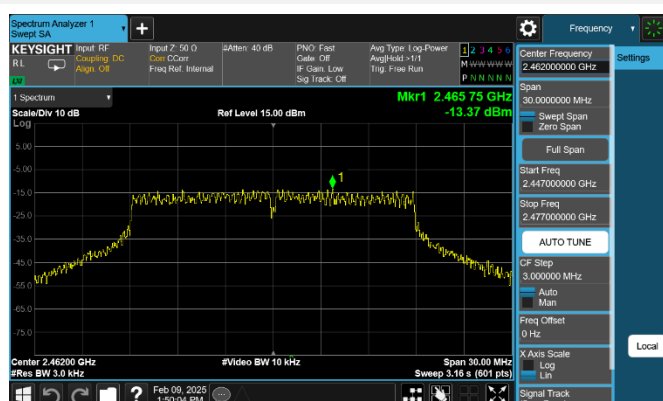
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



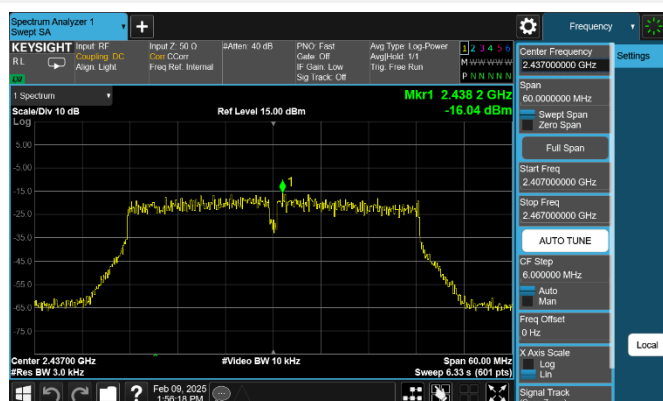
802.11n-20 MHz HIGH CHANNEL



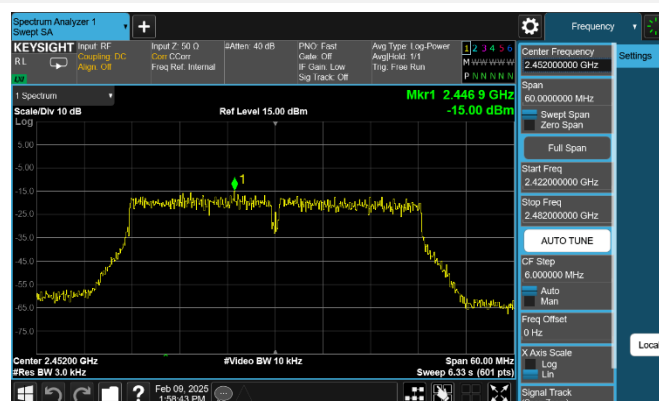
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24A0252-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24A0252-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24A0252-AI.PDF”.

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--END OF REPORT--