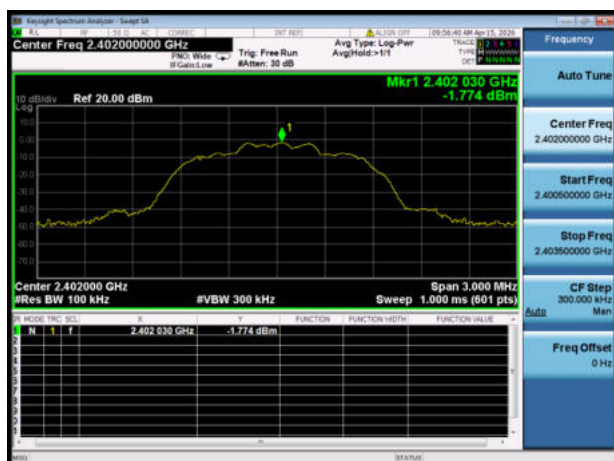
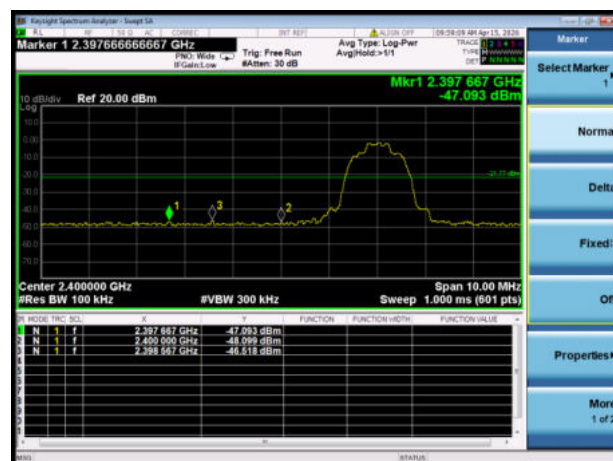
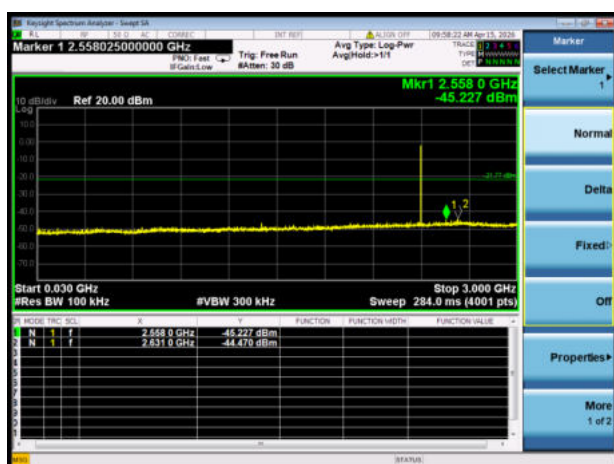
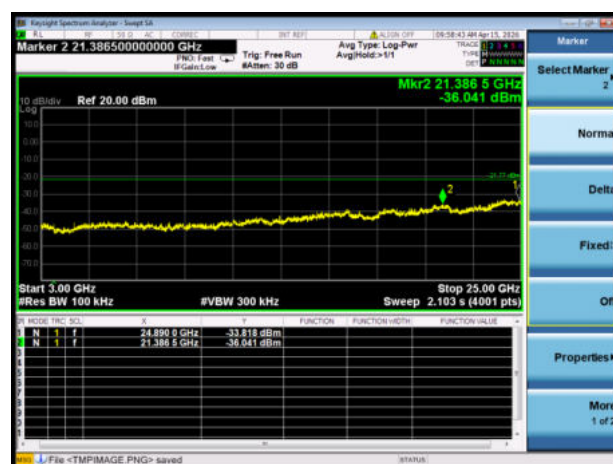


8-DPSK LOW CHANNEL, CARRIER LEVEL



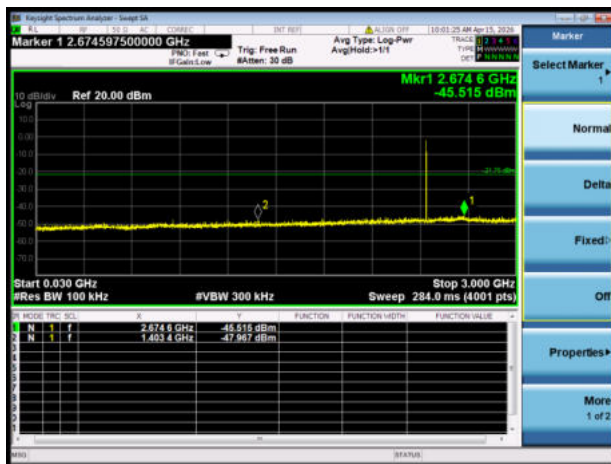
8-DPSK LOW CHANNEL, BAND EDGE

8-DPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

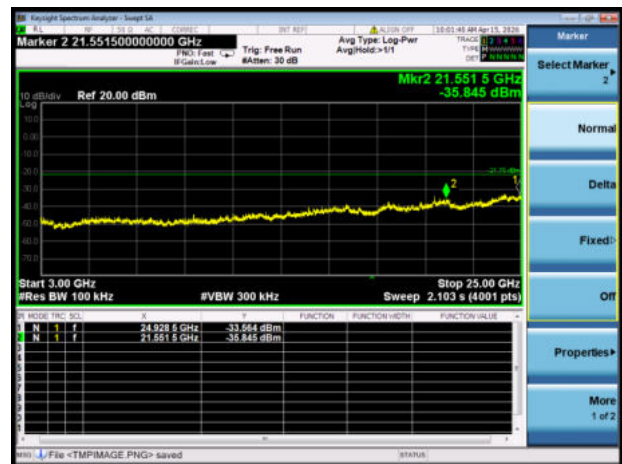
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



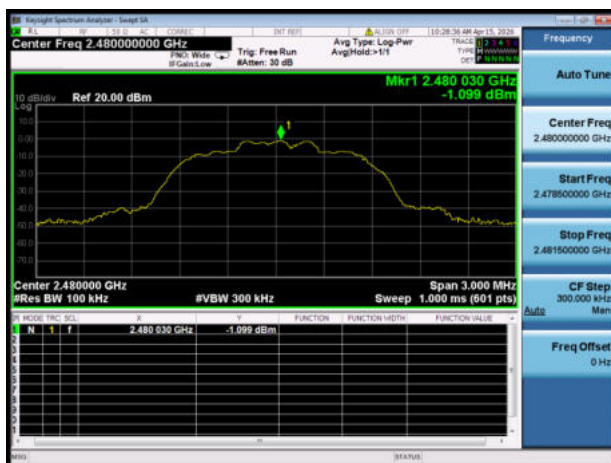
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



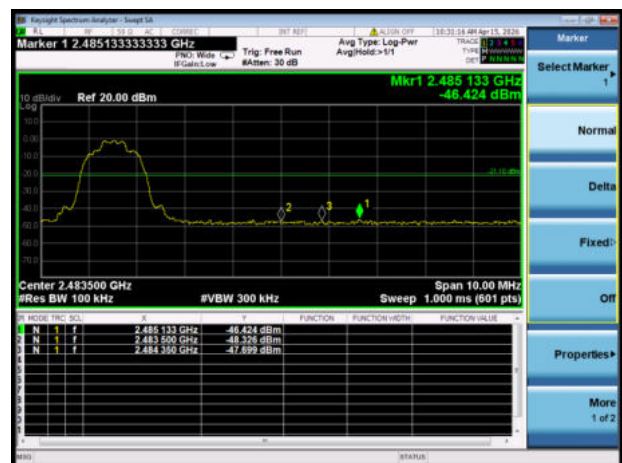
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



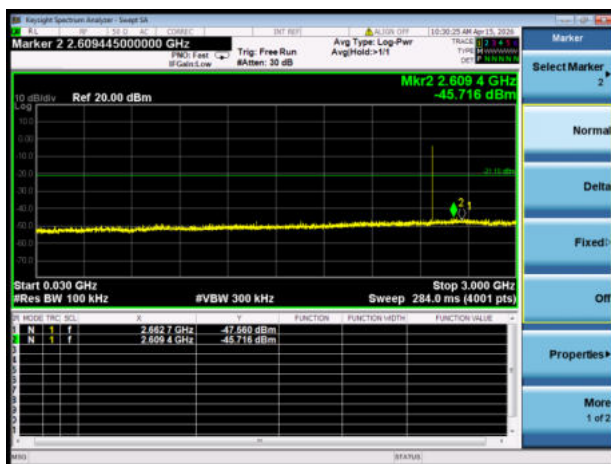
8-DPSK HIGH CHANNEL, CARRIER LEVEL



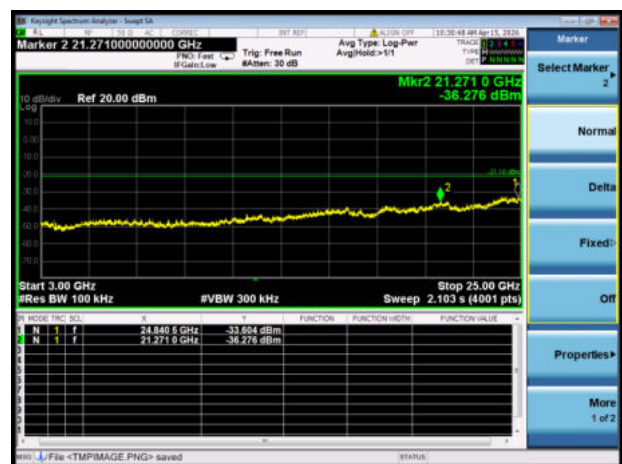
8-DPSK HIGH CHANNEL, BAND EDGE



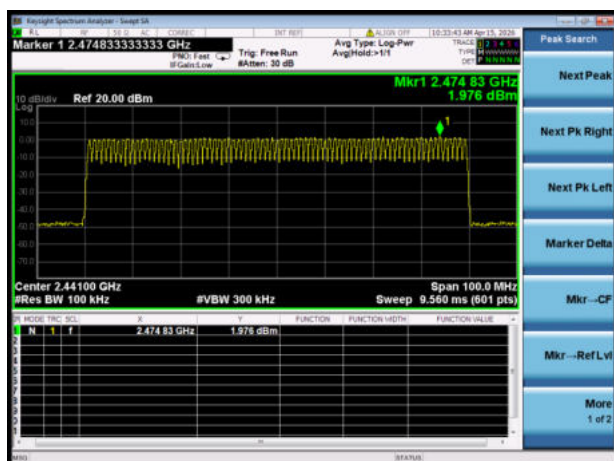
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



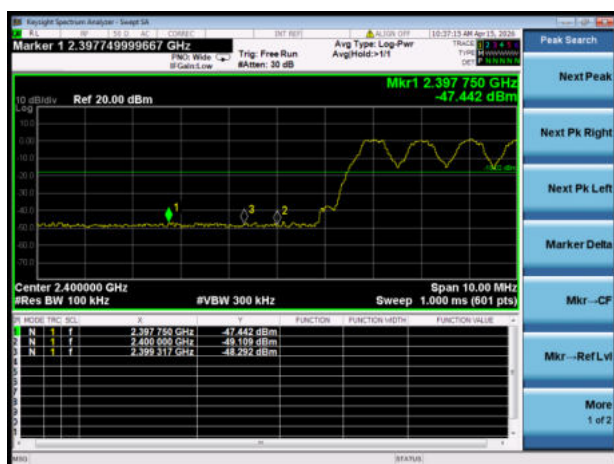
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



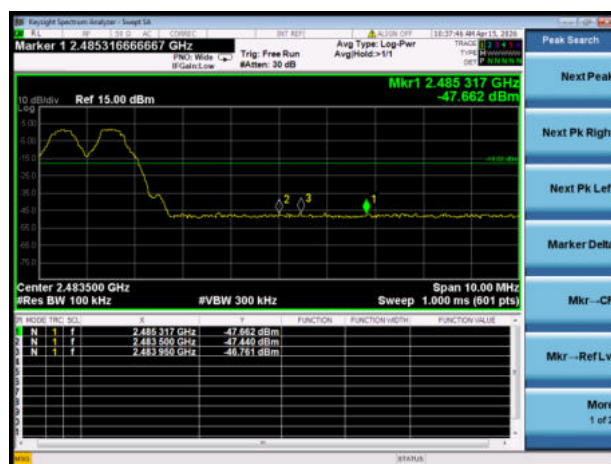
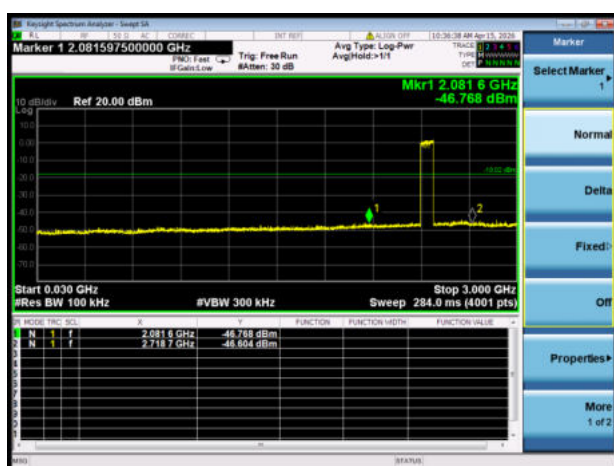
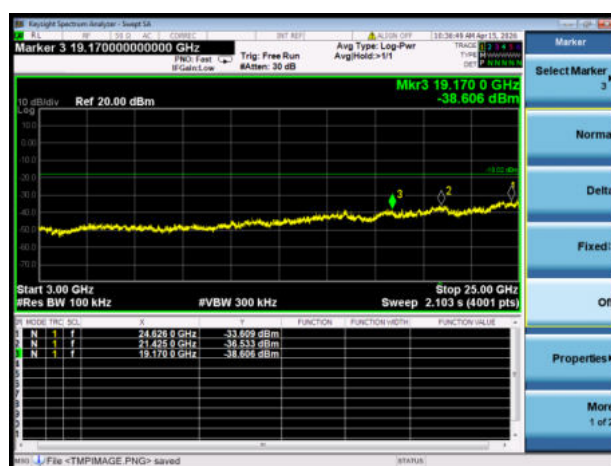
GFSK HOPPING, CARRIER LEVEL



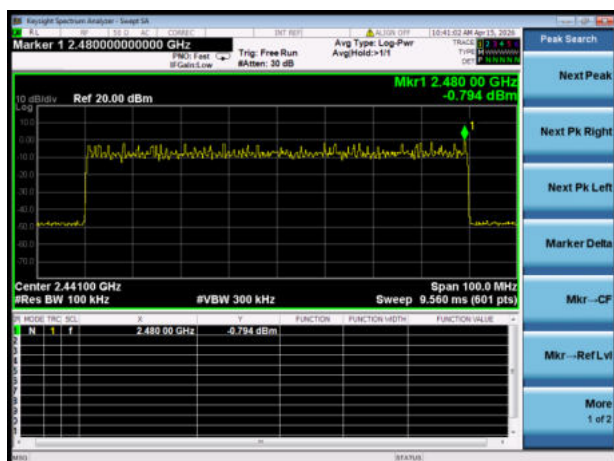
GFSK HOPPING BAND EDGE (LOW)



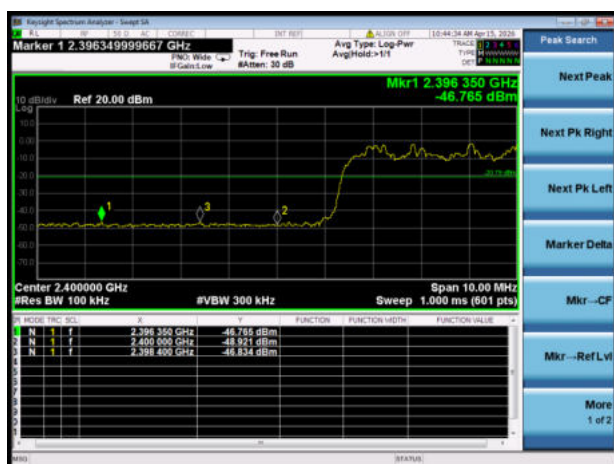
GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

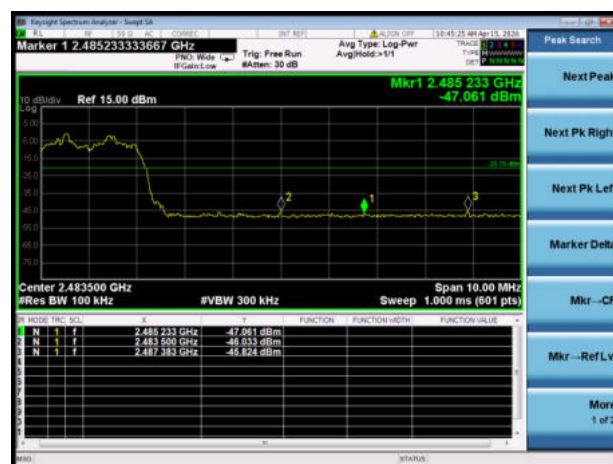
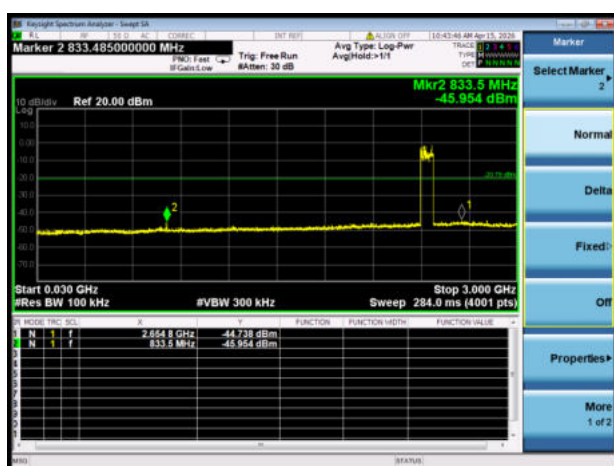
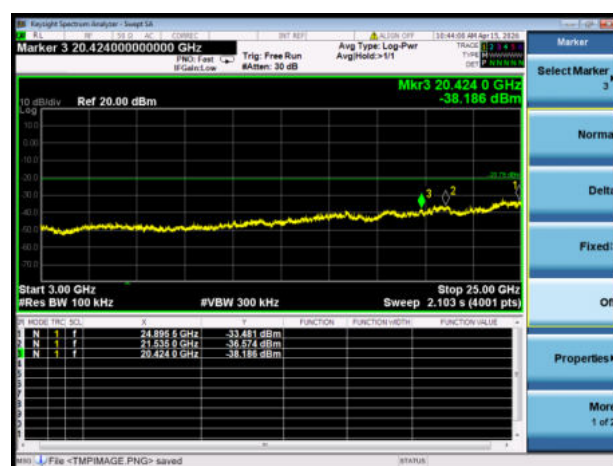
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

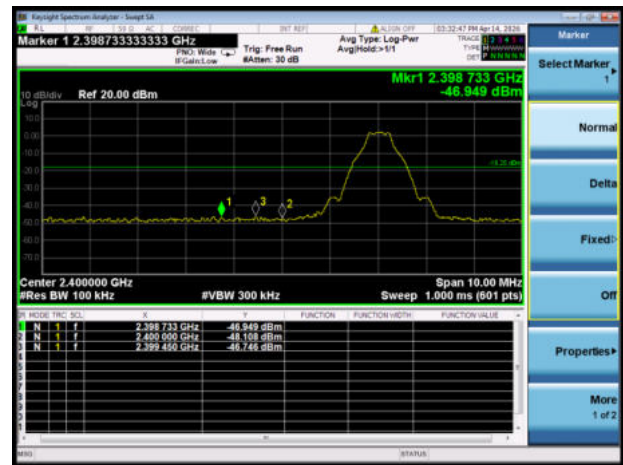
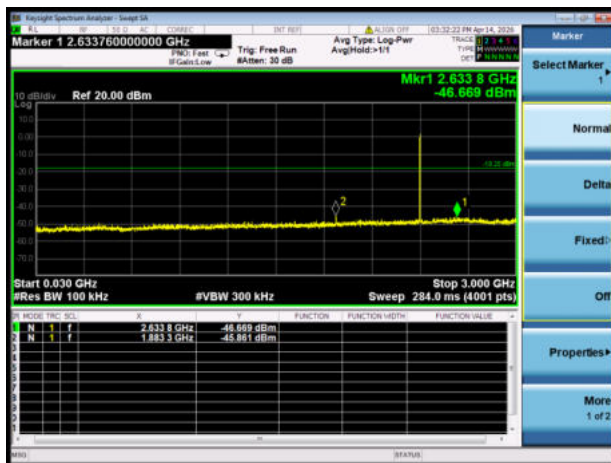
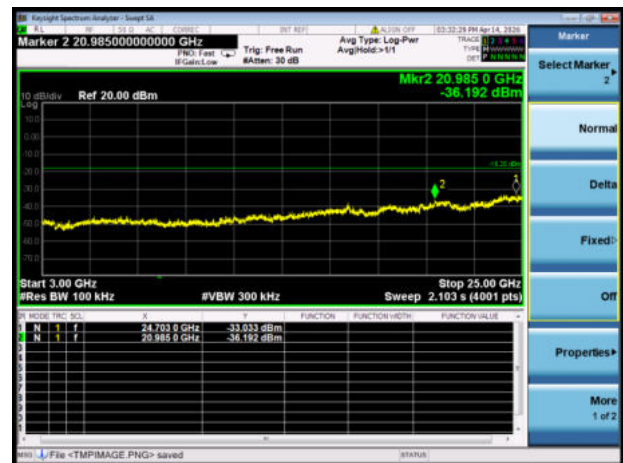
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

Right Ear

GFSK LOW CHANNEL, CARRIER LEVEL



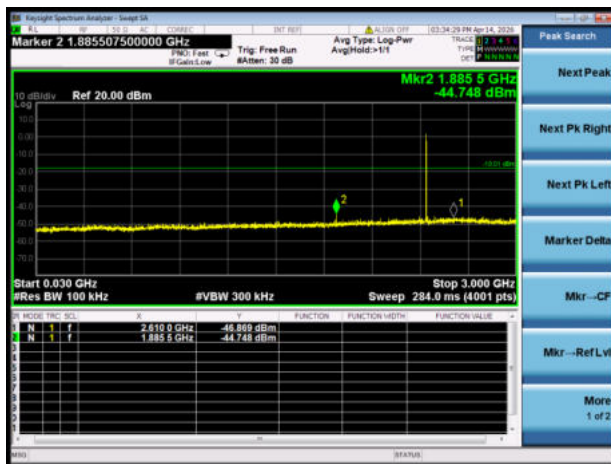
GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

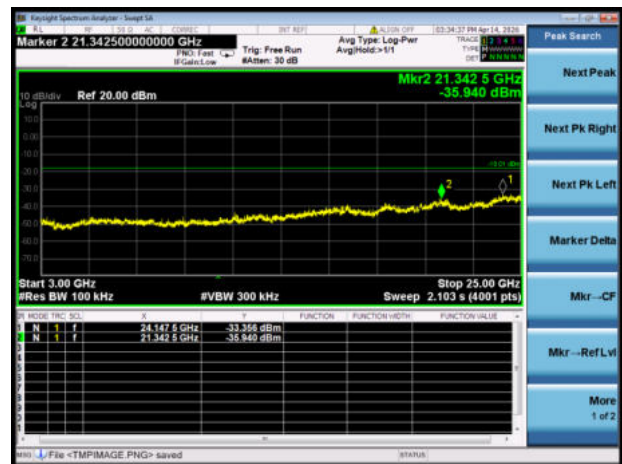
GFSK MIDDLE CHANNEL, CARRIER LEVEL



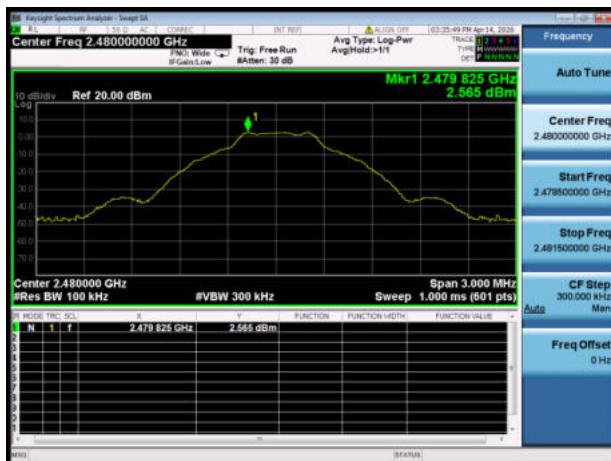
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



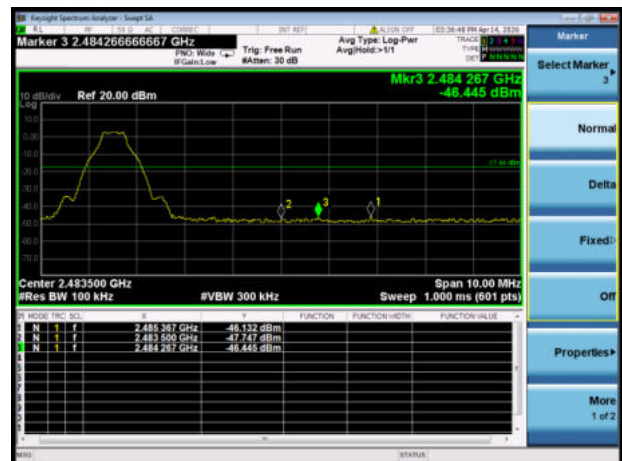
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



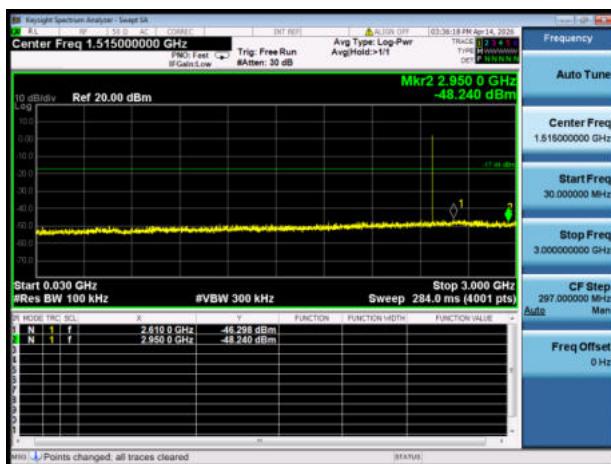
GFSK HIGH CHANNEL, CARRIER LEVEL



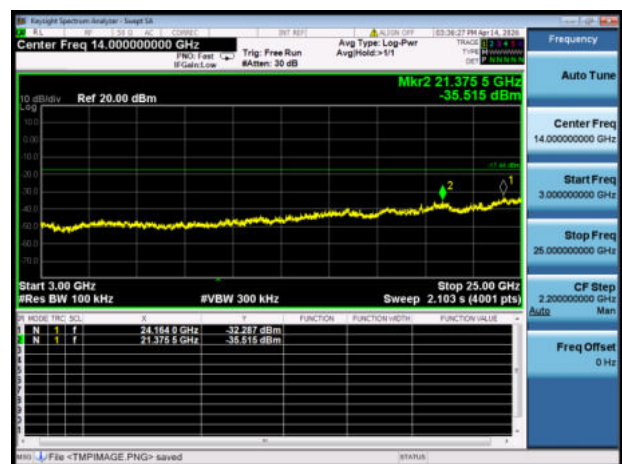
GFSK HIGH CHANNEL, BAND EDGE



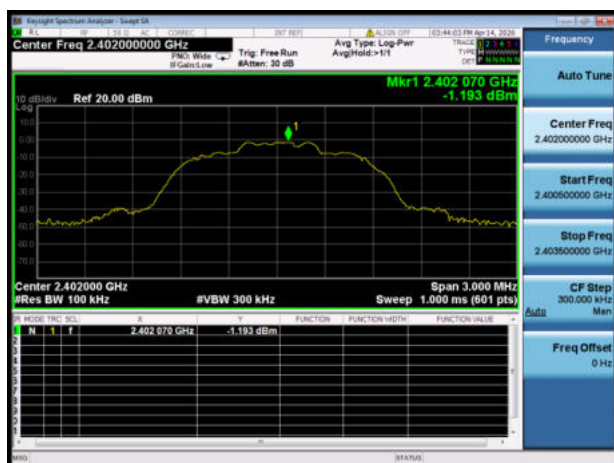
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



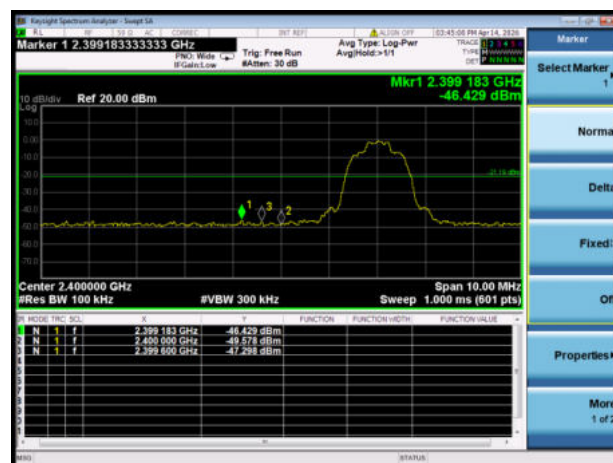
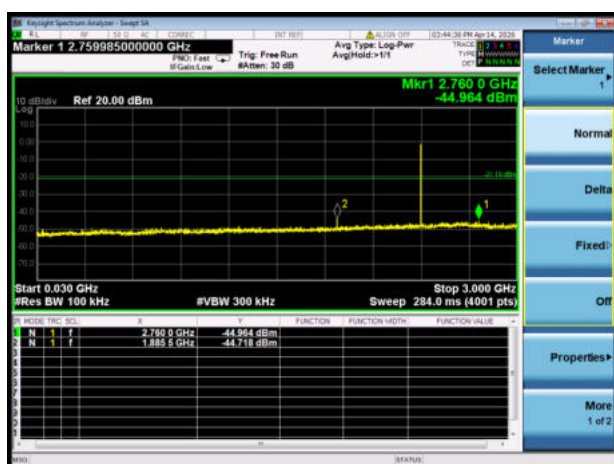
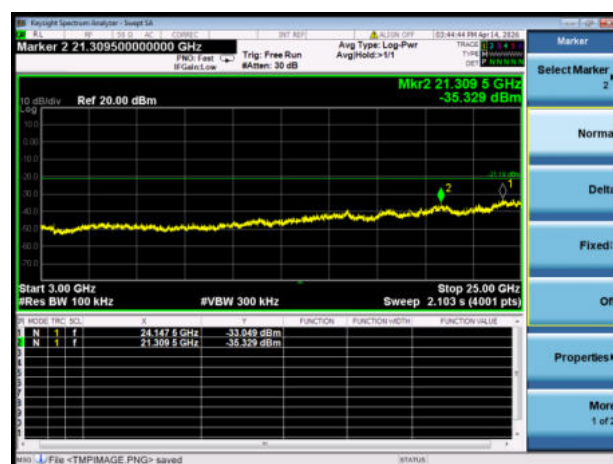
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



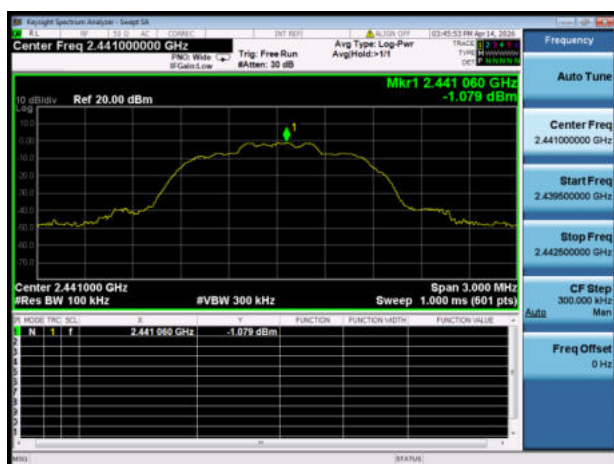
8-DPSK LOW CHANNEL, CARRIER LEVEL



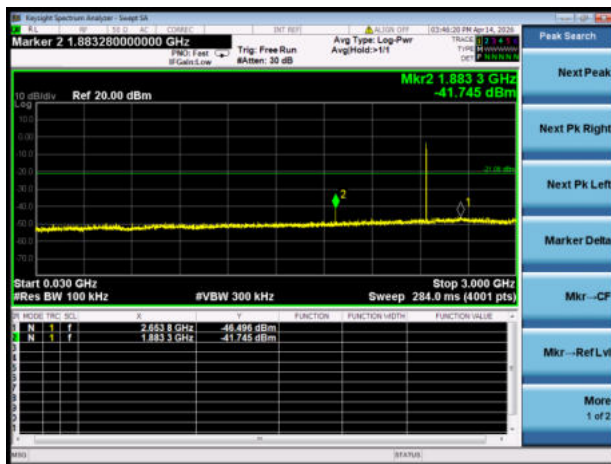
8-DPSK LOW CHANNEL, BAND EDGE

8-DPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

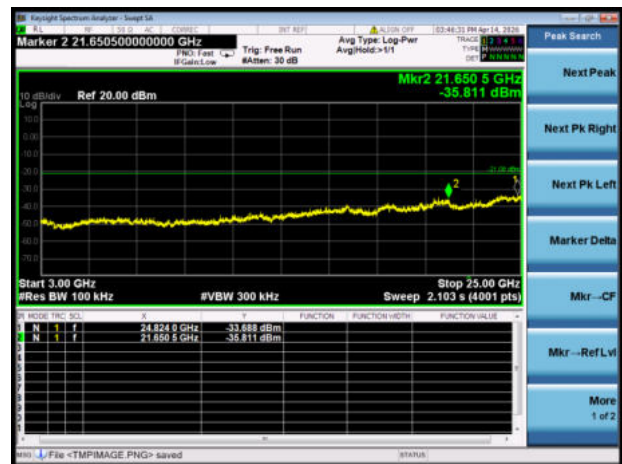
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



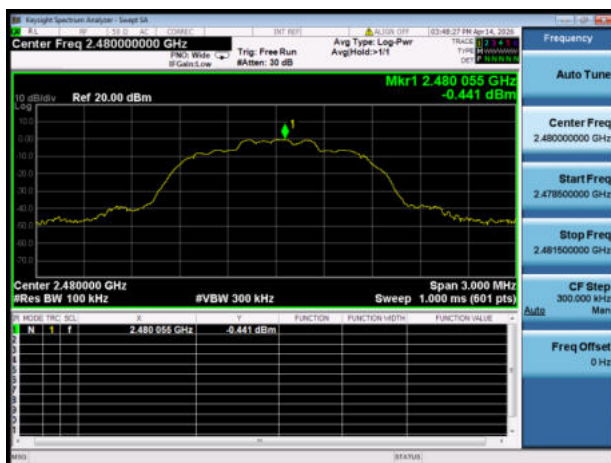
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



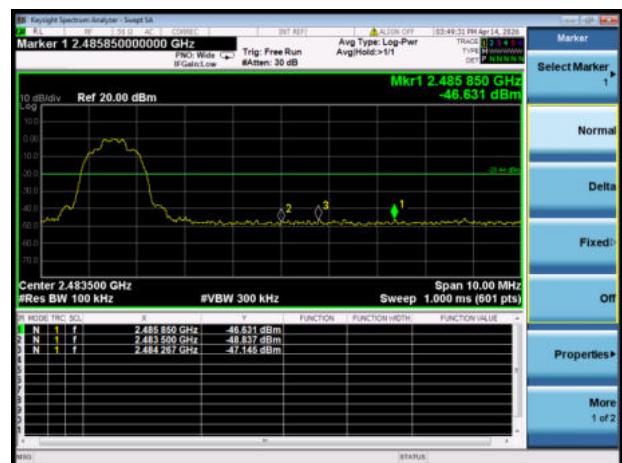
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



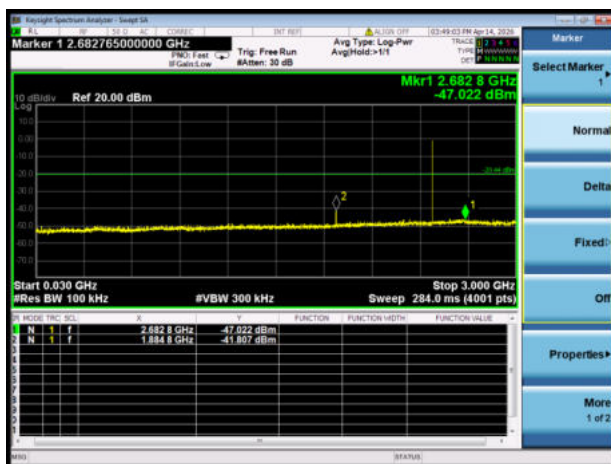
8-DPSK HIGH CHANNEL, CARRIER LEVEL



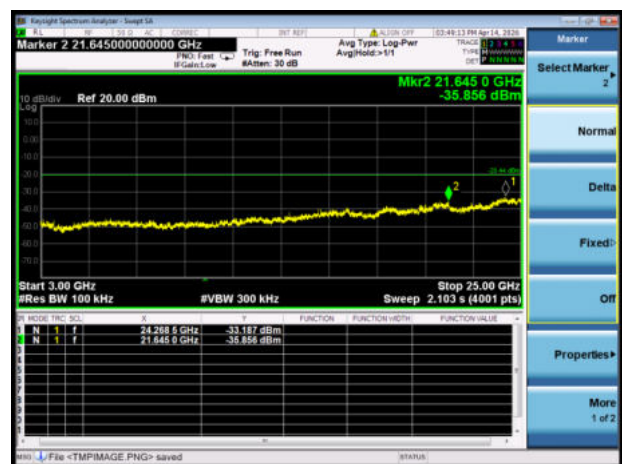
8-DPSK HIGH CHANNEL, BAND EDGE



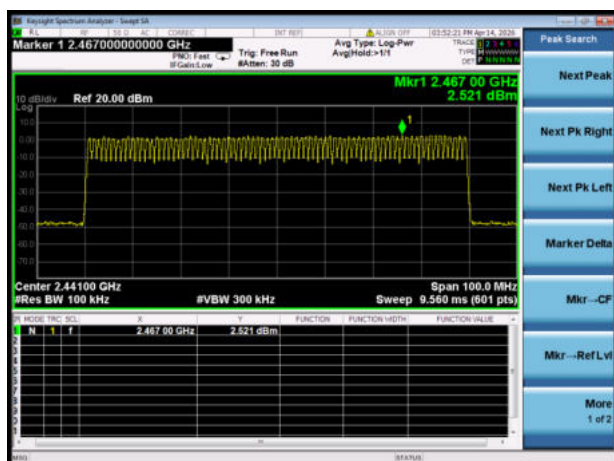
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



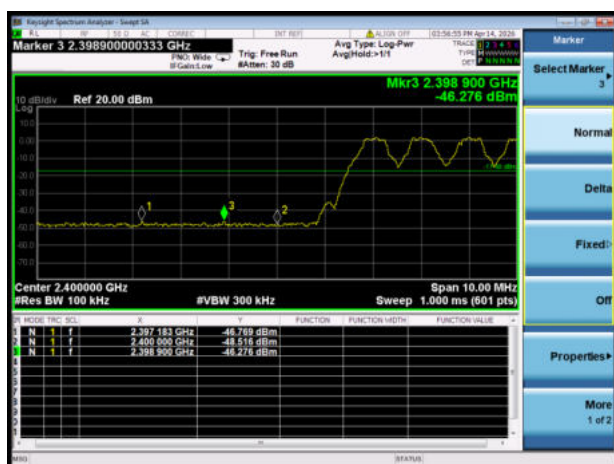
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



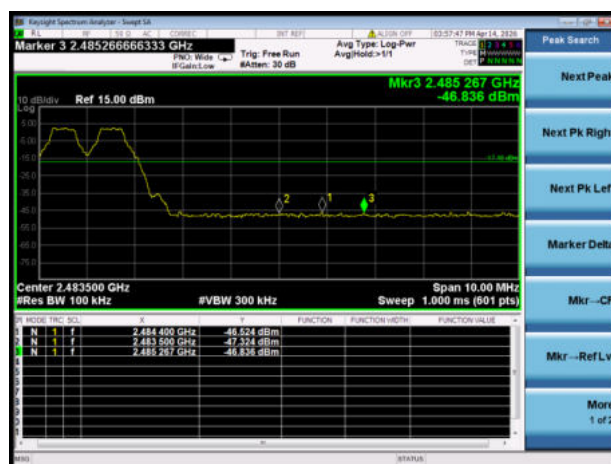
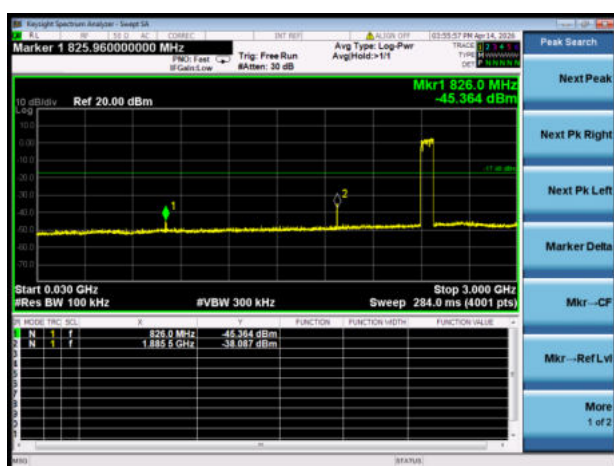
GFSK HOPPING, CARRIER LEVEL



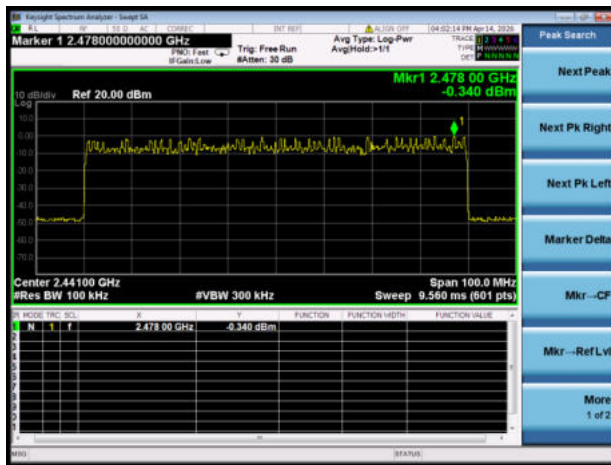
GFSK HOPPING BAND EDGE (LOW)



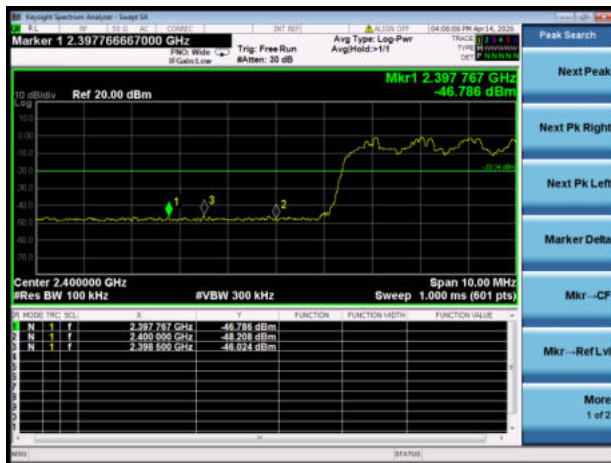
GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

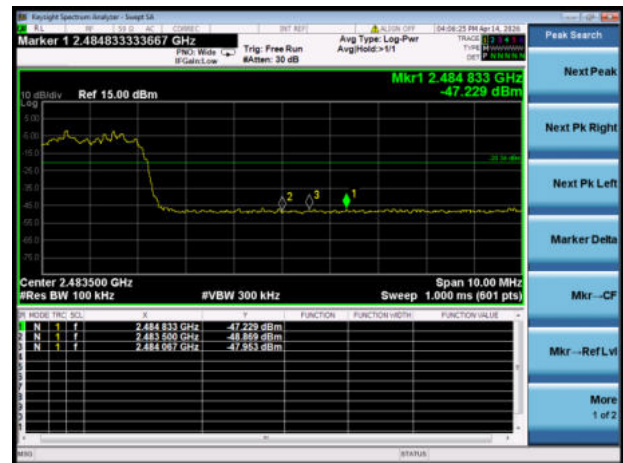
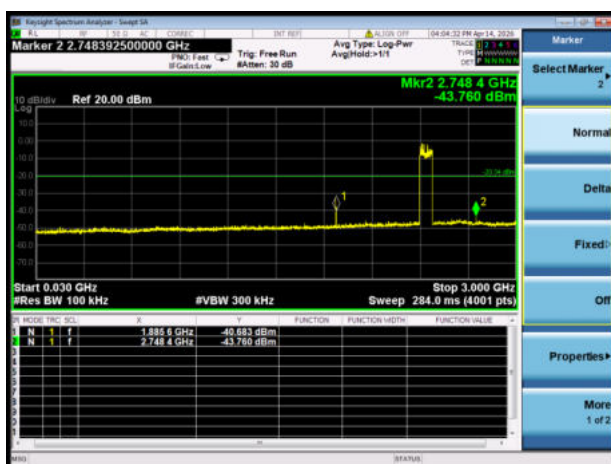
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

5.9 Conducted Emission

5.9.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.9.2 Test Setup

See section 4.5.2 for test setup description for the AC power supply port. The photo of test setup please refer to ANNEX A.

5.9.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.9.4 Test Result

Note ¹: The EUT was tested in Link mode and the charging.

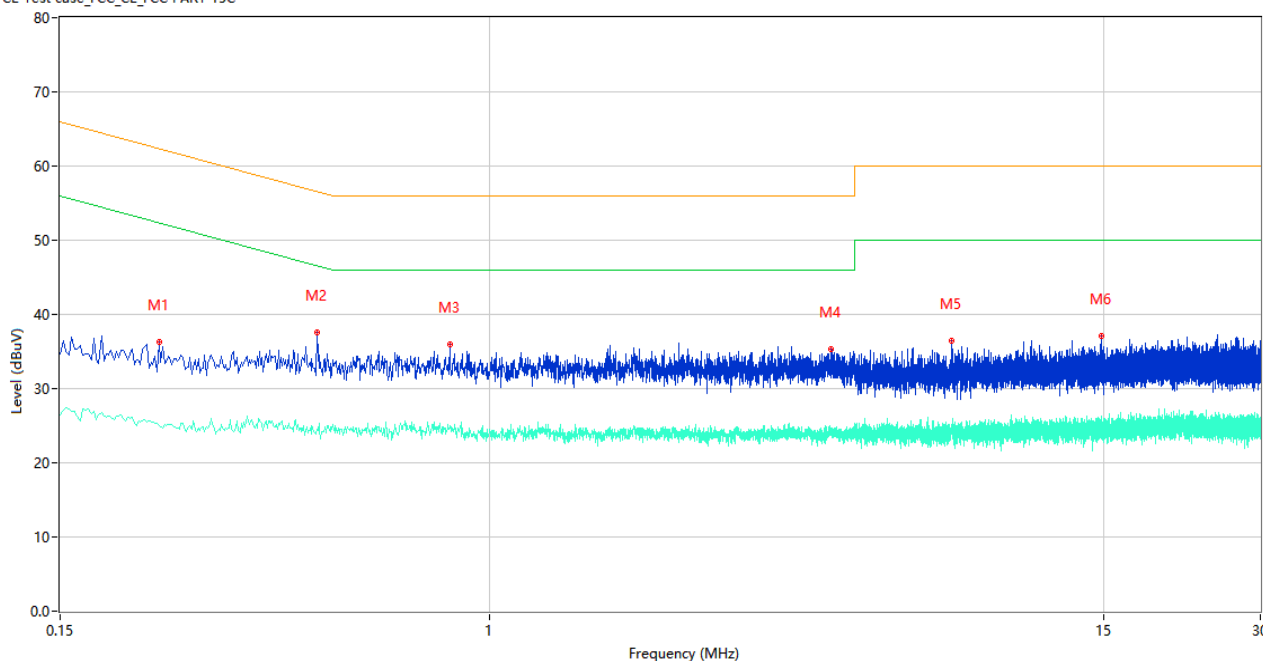
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

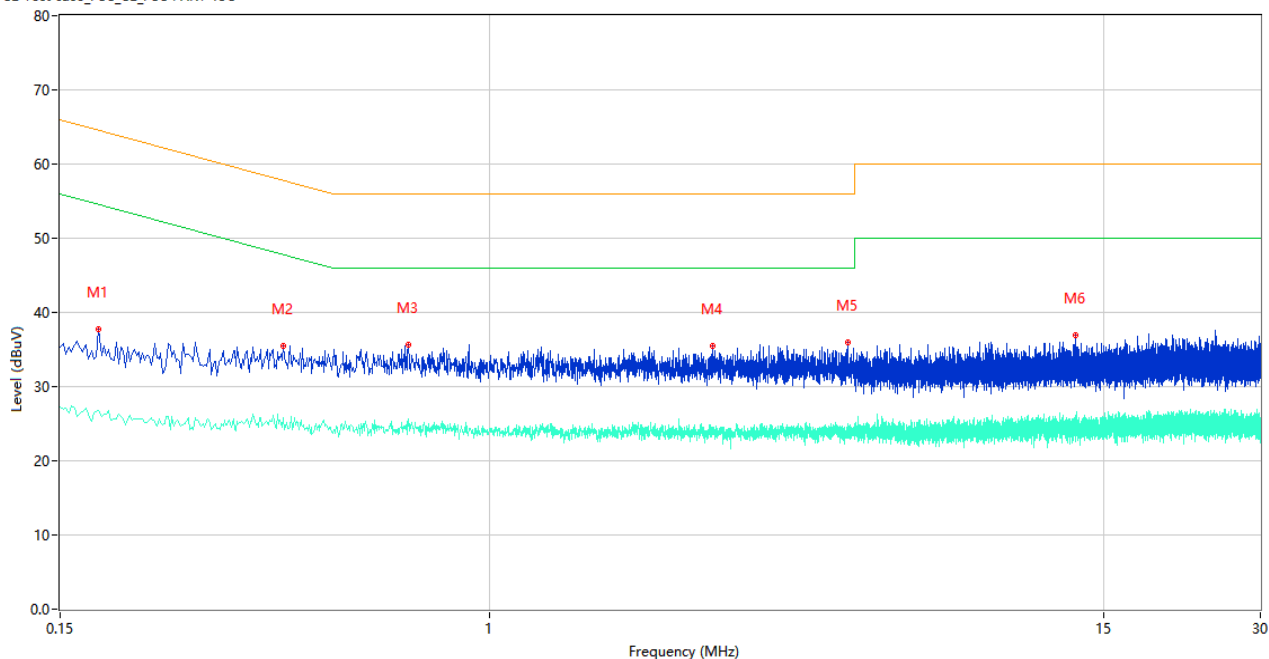
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.232	36.27	9.83	62.38	26.11	Peak	L	Pass
1**	0.232	24.97	9.83	52.38	27.41	AV	L	Pass
2	0.466	37.53	10.07	56.58	19.05	Peak	L	Pass
2**	0.466	24.56	10.07	46.58	22.02	AV	L	Pass
3	0.838	35.98	10.66	56.00	20.02	Peak	L	Pass
3**	0.838	24.60	10.66	46.00	21.40	AV	L	Pass
4	4.518	35.29	10.47	56.00	20.71	Peak	L	Pass
4**	4.518	24.49	10.47	46.00	21.51	AV	L	Pass
5	7.688	36.41	10.77	60.00	23.59	Peak	L	Pass
5**	7.688	24.33	10.77	50.00	25.67	AV	L	Pass
6	14.874	37.11	10.79	60.00	22.89	Peak	L	Pass
6**	14.874	24.33	10.79	50.00	25.67	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	37.68	9.85	64.58	26.90	Peak	N	Pass
1**	0.178	26.85	9.85	54.58	27.73	AV	N	Pass
2	0.402	35.49	10.59	57.81	22.32	Peak	N	Pass
2**	0.402	25.75	10.59	47.81	22.06	AV	N	Pass
3	0.698	35.59	10.70	56.00	20.41	Peak	N	Pass
3**	0.698	25.71	10.70	46.00	20.29	AV	N	Pass
4	2.680	35.45	10.15	56.00	20.55	Peak	N	Pass
4**	2.680	24.44	10.15	46.00	21.56	AV	N	Pass
5	4.854	36.04	10.30	56.00	19.96	Peak	N	Pass
5**	4.854	24.77	10.30	46.00	21.23	AV	N	Pass
6	13.296	36.92	10.74	60.00	23.08	Peak	N	Pass
6**	13.296	23.14	10.74	50.00	26.86	AV	N	Pass

5.10 Radiated Spurious Emission

5.10.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note:

1. Field Strength (dBμV/m) = $20 \times \log[\text{Field Strength } (\mu\text{V/m})]$.
2. In the emission tables above, the tighter limit applies at the band edges.
3. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
4. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.10.2 Test Setup

See section 4.5.3 to 4.5.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX A.

5.10.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.10.4 Test Result

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

Note ²: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ³: The EUT was tested in Link mode and the charging.

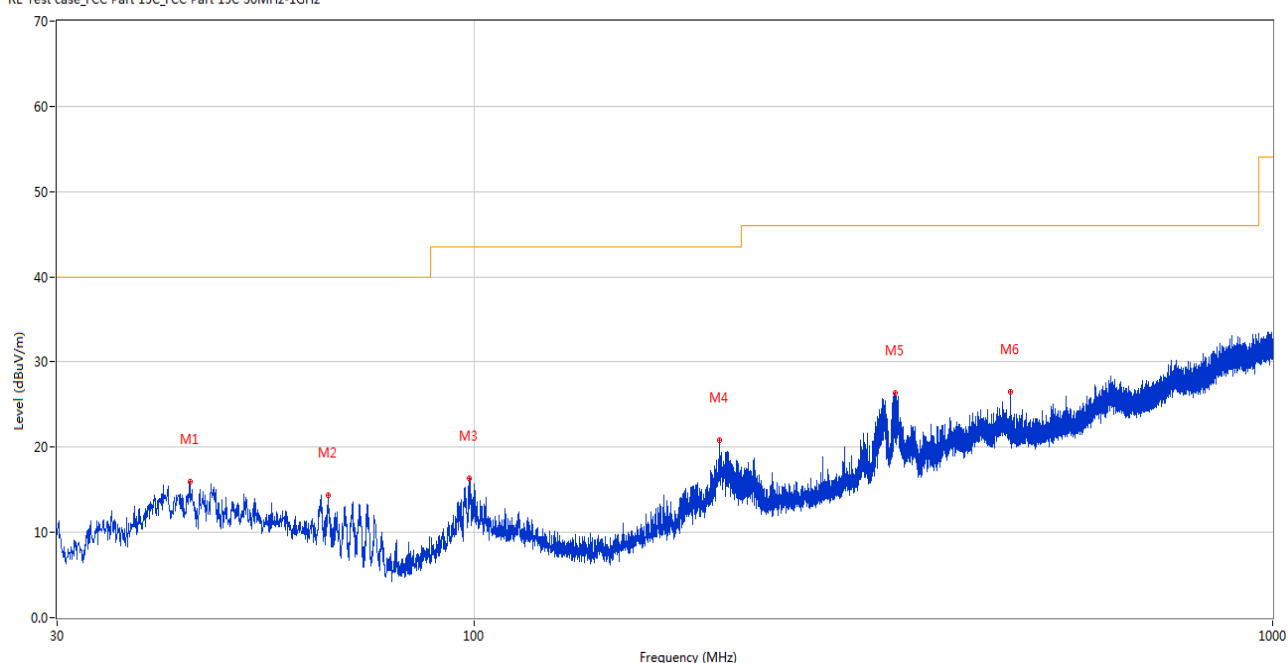
Note ⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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.

Test Data and Plots

30 MHz to 1 GHz, ANT H

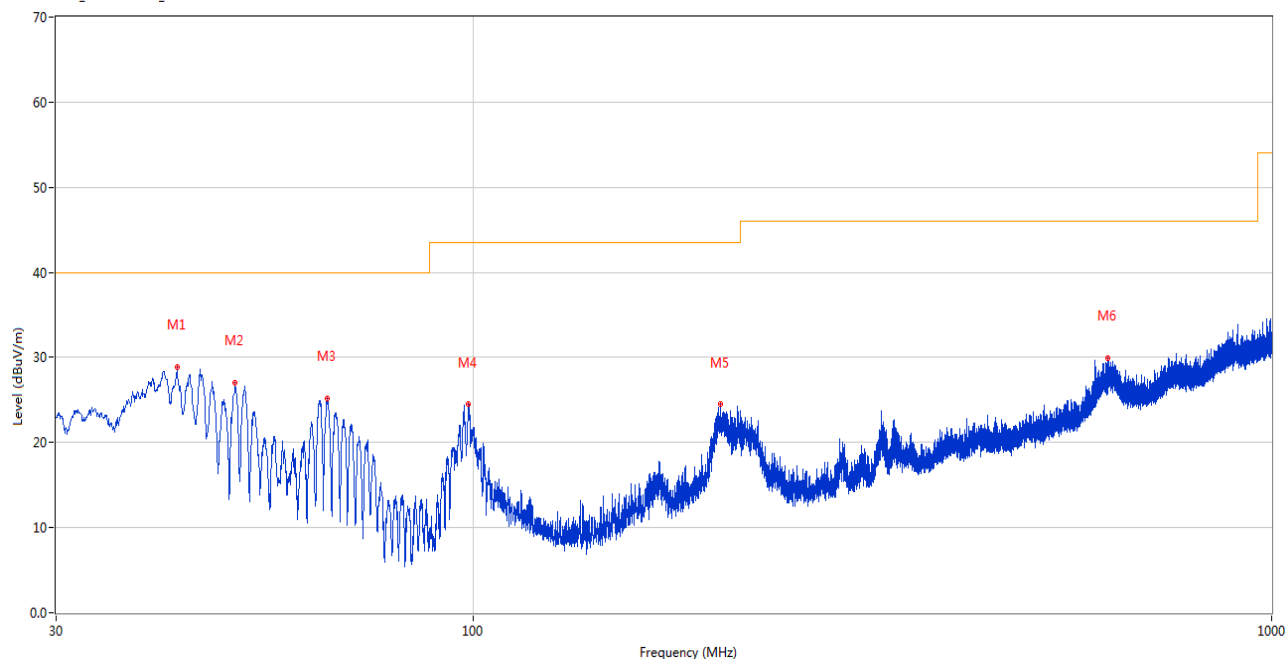
RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.017	15.99	-24.70	40.0	24.01	Peak	282.30	100	Horizontal	Pass
2	65.647	14.36	-26.72	40.0	25.64	Peak	17.90	100	Horizontal	Pass
3	98.579	16.33	-25.76	43.5	27.17	Peak	7.00	100	Horizontal	Pass
4	202.611	20.81	-24.60	43.5	22.69	Peak	150.40	100	Horizontal	Pass
5	336.763	26.34	-20.06	46.0	19.66	Peak	138.20	100	Horizontal	Pass
6	468.974	26.46	-17.04	46.0	19.54	Peak	187.70	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.513	28.92	-24.95	40.0	11.08	Peak	272.70	100	Vertical	Pass
2	50.224	26.99	-24.09	40.0	13.01	Peak	21.80	100	Vertical	Pass
3	65.647	25.24	-26.72	40.0	14.76	Peak	284.30	100	Vertical	Pass
4	98.579	24.46	-25.76	43.5	19.04	Peak	272.70	100	Vertical	Pass
5	203.824	24.46	-24.70	43.5	19.04	Peak	100.90	100	Vertical	Pass
6	623.543	29.97	-11.91	46.0	16.03	Peak	259.20	100	Vertical	Pass

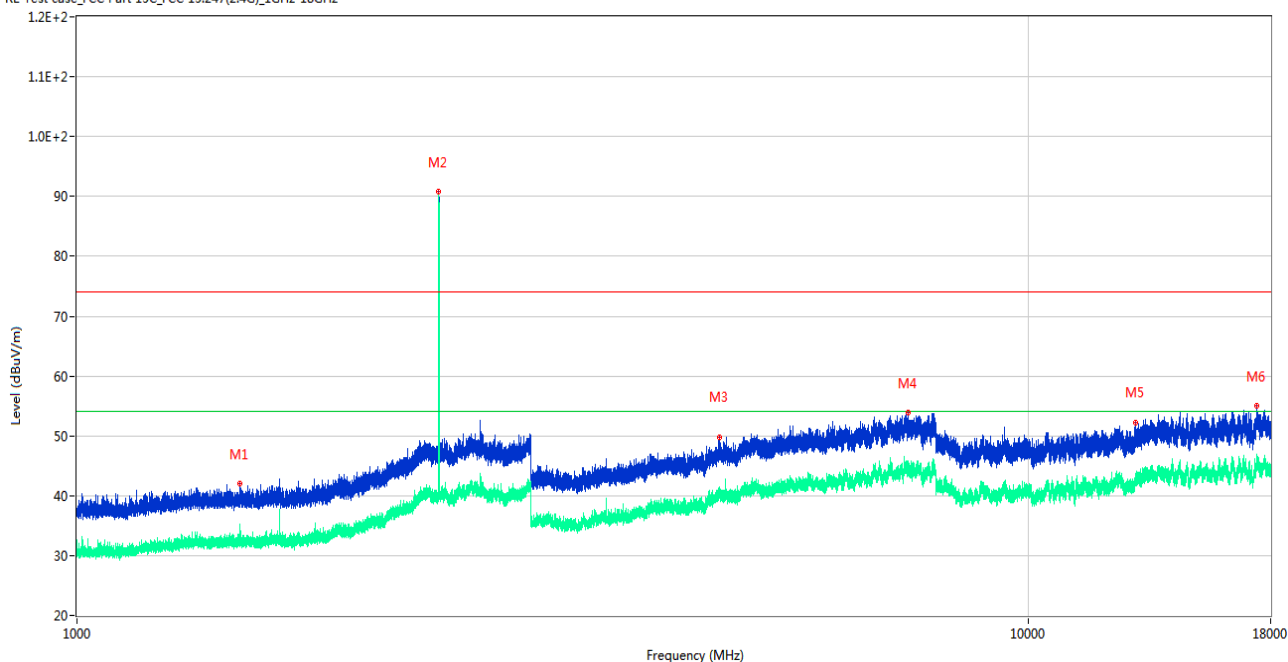
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz-25GHz is noise only, do not show on the report.

Left Ear

FSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

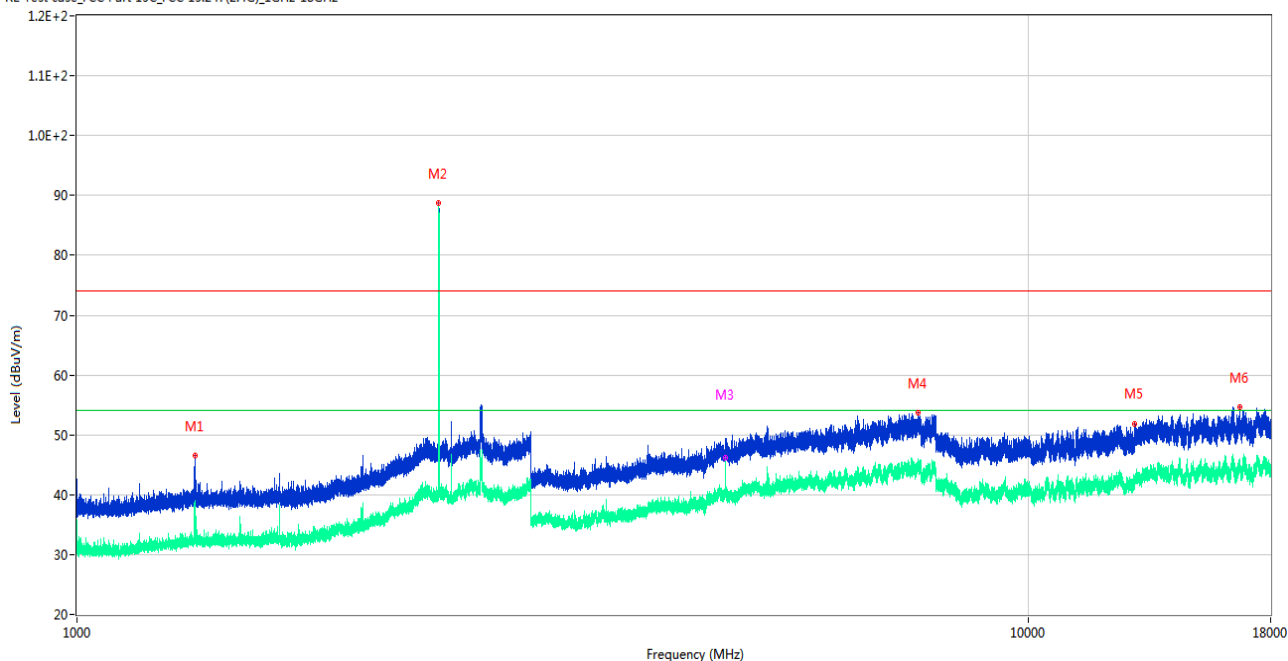
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	42.02	74.0	31.98	Peak	344.00	300	Horizontal	Pass
1**	1484.800	35.24	54.0	18.76	AV	344.00	300	Horizontal	Pass
2	2402.200	90.77	74.0	-16.77	Peak	332.00	150	Horizontal	N/A
2**	2402.200	90.29	54.0	-36.29	AV	332.00	150	Horizontal	N/A
3	4735.250	49.80	74.0	24.20	Peak	196.00	100	Horizontal	Pass
3**	4735.250	40.28	54.0	13.72	AV	196.00	100	Horizontal	Pass
4	7478.000	53.82	74.0	20.18	Peak	84.00	100	Horizontal	Pass
4**	7478.000	43.64	54.0	10.36	AV	84.00	100	Horizontal	Pass
5	12972.338	52.29	74.0	21.71	Peak	208.00	300	Horizontal	Pass
5**	12972.338	42.07	54.0	11.93	AV	208.00	300	Horizontal	Pass
6	17403.863	54.95	74.0	19.05	Peak	65.00	100	Horizontal	Pass
6**	17403.863	45.08	54.0	8.92	AV	65.00	100	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

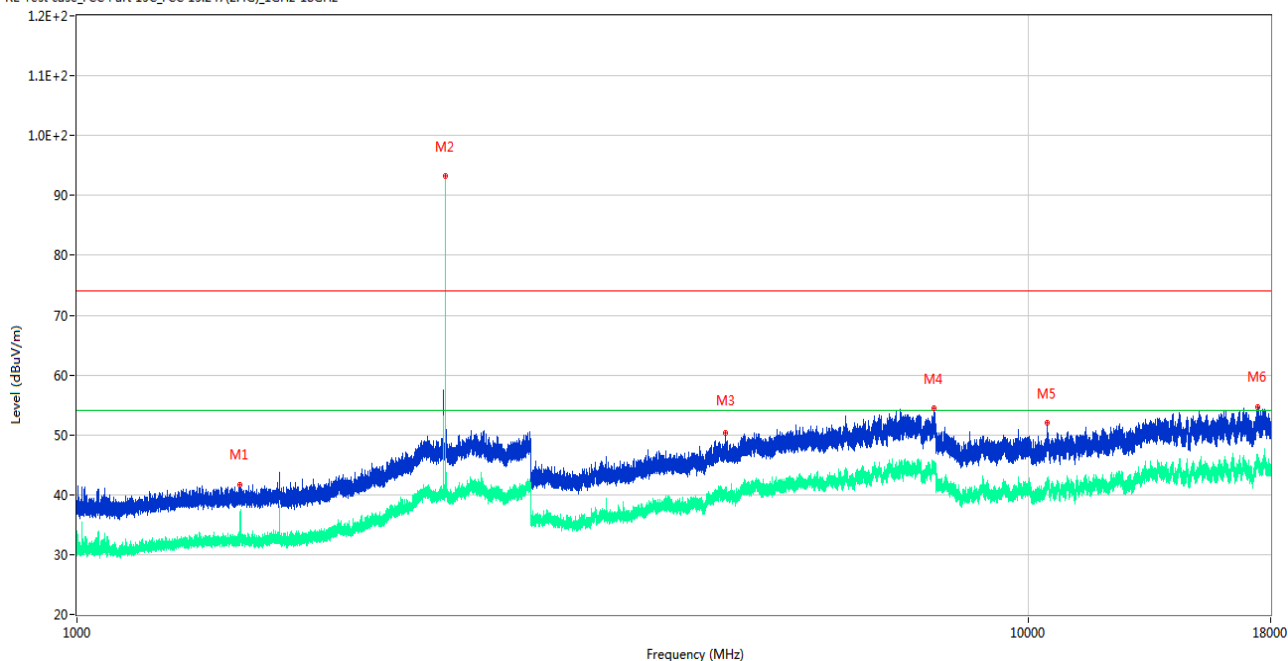
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	46.52	74.0	27.48	Peak	177.00	200	Vertical	Pass
1**	1329.700	36.02	54.0	17.98	AV	177.00	200	Vertical	Pass
2	2402.200	88.73	74.0	-14.73	Peak	84.00	150	Vertical	N/A
2**	2402.200	88.23	54.0	-34.23	AV	84.00	150	Vertical	N/A
3	4804.250	48.66	74.0	25.34	Peak	150.00	100	Vertical	Pass
3**	4804.250	46.10	54.0	7.90	AV	150.00	100	Vertical	Pass
4	7670.000	53.69	74.0	20.31	Peak	217.00	400	Vertical	Pass
4**	7670.000	44.55	54.0	9.45	AV	217.00	400	Vertical	Pass
5	12947.925	51.86	74.0	22.14	Peak	48.00	400	Vertical	Pass
5**	12947.925	41.87	54.0	12.13	AV	48.00	400	Vertical	Pass
6	16703.512	54.60	74.0	19.40	Peak	210.00	300	Vertical	Pass
6**	16703.512	46.00	54.0	8.00	AV	210.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

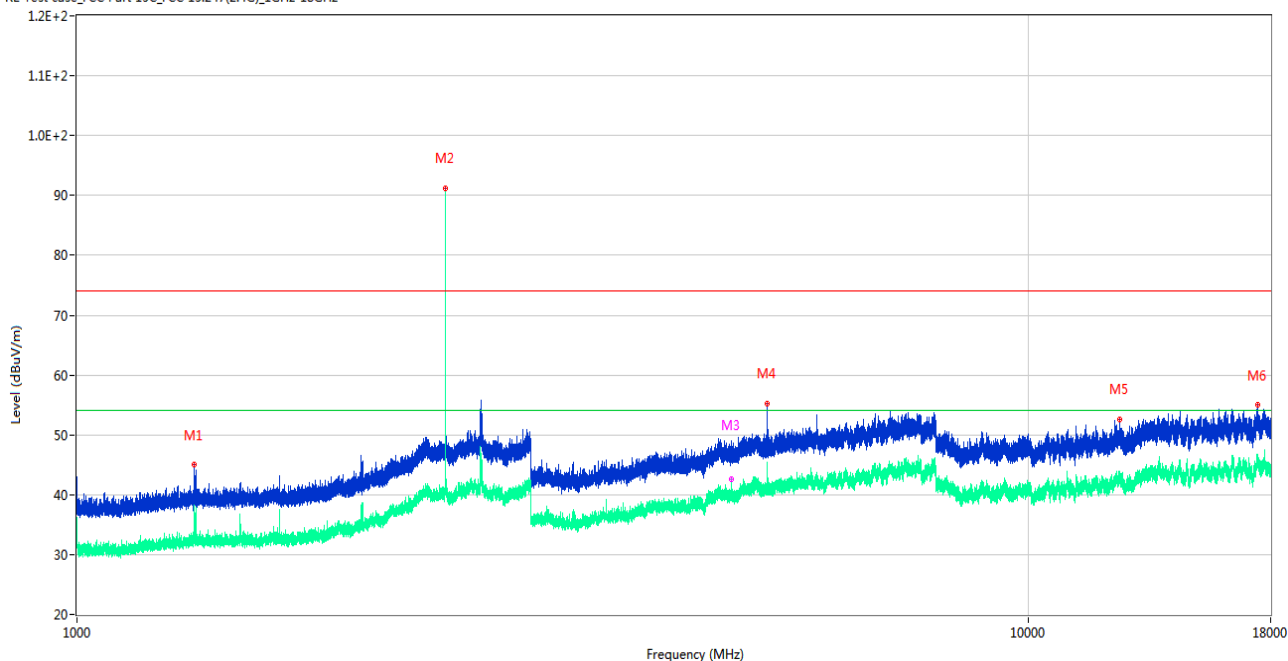
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	41.73	74.0	32.27	Peak	0.00	100	Horizontal	Pass
1**	1484.800	37.14	54.0	16.86	AV	0.00	100	Horizontal	Pass
2	2440.800	93.18	74.0	-19.18	Peak	353.00	100	Horizontal	N/A
2**	2440.800	92.38	54.0	-38.38	AV	353.00	100	Horizontal	N/A
3	4810.250	50.25	74.0	23.75	Peak	18.00	100	Horizontal	Pass
3**	4810.250	40.31	54.0	13.69	AV	18.00	100	Horizontal	Pass
4	7964.250	54.40	74.0	19.60	Peak	174.00	100	Horizontal	Pass
4**	7964.250	44.71	54.0	9.29	AV	174.00	100	Horizontal	Pass
5	10475.938	51.97	74.0	22.03	Peak	347.00	300	Horizontal	Pass
5**	10475.938	41.75	54.0	12.25	AV	347.00	300	Horizontal	Pass
6	17426.962	54.69	74.0	19.31	Peak	127.00	300	Horizontal	Pass
6**	17426.962	45.11	54.0	8.89	AV	127.00	300	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

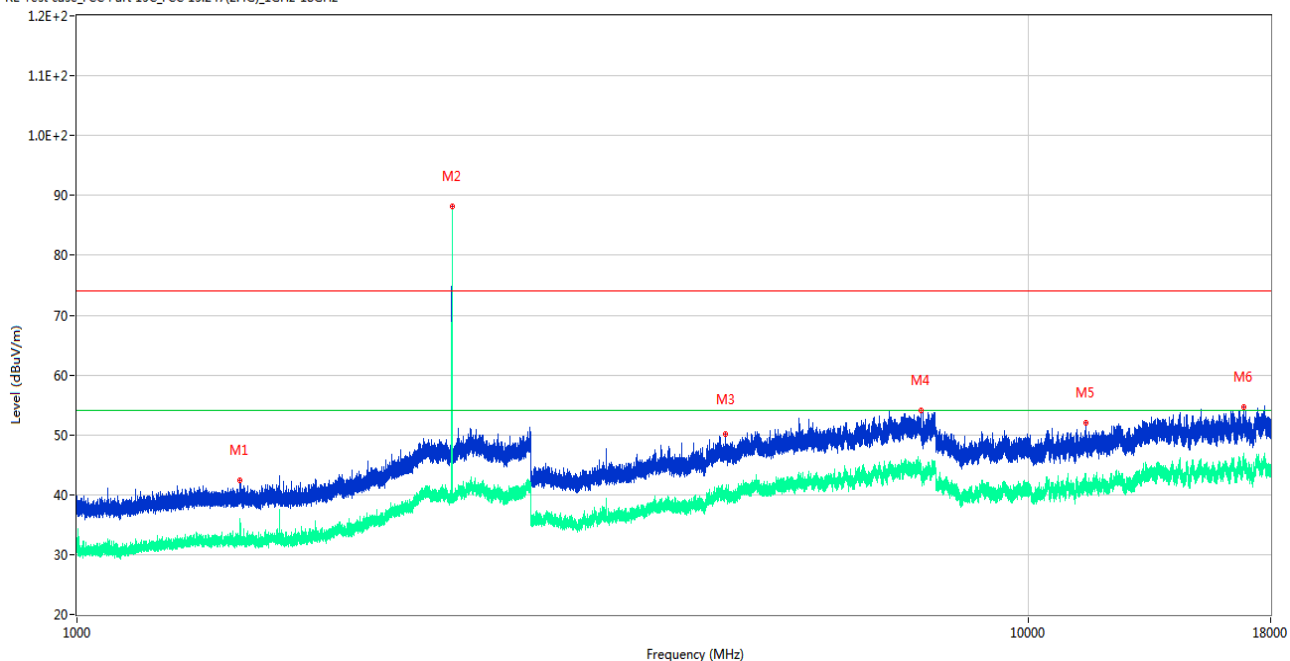
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	45.02	74.0	28.98	Peak	165.00	400	Vertical	Pass
1**	1328.400	36.06	54.0	17.94	AV	165.00	400	Vertical	Pass
2	2440.800	91.26	74.0	-17.26	Peak	92.00	150	Vertical	N/A
2**	2440.800	90.24	54.0	-36.24	AV	92.00	150	Vertical	N/A
3	4882.000	48.96	74.0	25.04	Peak	150.00	100	Vertical	Pass
3**	4882.000	42.61	54.0	11.39	AV	150.00	100	Vertical	Pass
4	5320.500	55.28	74.0	18.72	Peak	106.00	100	Vertical	Pass
4**	5320.500	40.46	54.0	13.54	AV	106.00	100	Vertical	Pass
5	12487.326	52.67	74.0	21.33	Peak	15.00	100	Vertical	Pass
5**	12487.326	43.59	54.0	10.41	AV	15.00	100	Vertical	Pass
6	17441.401	55.00	74.0	19.00	Peak	261.00	200	Vertical	Pass
6**	17441.401	44.97	54.0	9.03	AV	261.00	200	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

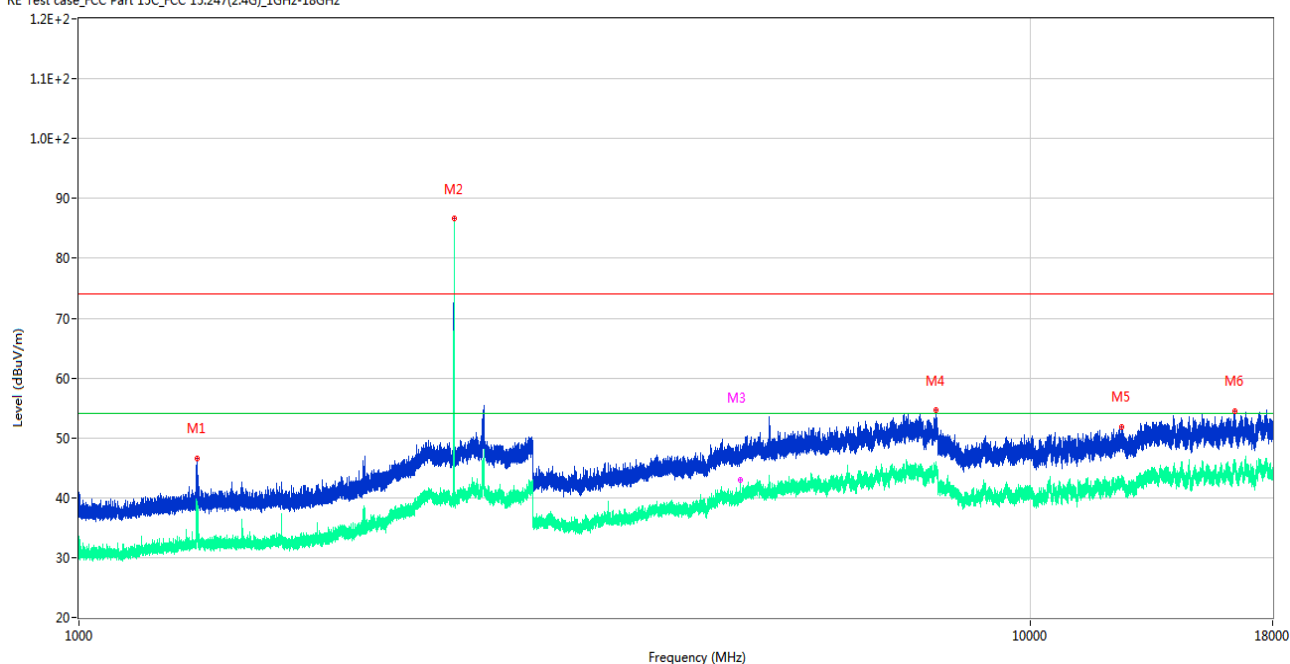
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	42.44	74.0	31.56	Peak	250.00	300	Horizontal	Pass
1**	1485.000	35.23	54.0	18.77	AV	250.00	300	Horizontal	Pass
2	2480.100	88.22	74.0	-14.22	Peak	332.00	100	Horizontal	N/A
2**	2480.100	87.91	54.0	-33.91	AV	332.00	100	Horizontal	N/A
3	4803.500	50.05	74.0	23.95	Peak	327.00	150	Horizontal	Pass
3**	4803.500	40.07	54.0	13.93	AV	327.00	150	Horizontal	Pass
4	7712.750	54.11	74.0	19.89	Peak	360.00	400	Horizontal	Pass
4**	7712.750	44.58	54.0	9.42	AV	360.00	400	Horizontal	Pass
5	11498.613	52.07	74.0	21.93	Peak	305.00	100	Horizontal	Pass
5**	11498.613	42.15	54.0	11.85	AV	305.00	100	Horizontal	Pass
6	16848.938	54.73	74.0	19.27	Peak	222.00	100	Horizontal	Pass
6**	16848.938	45.34	54.0	8.66	AV	222.00	100	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

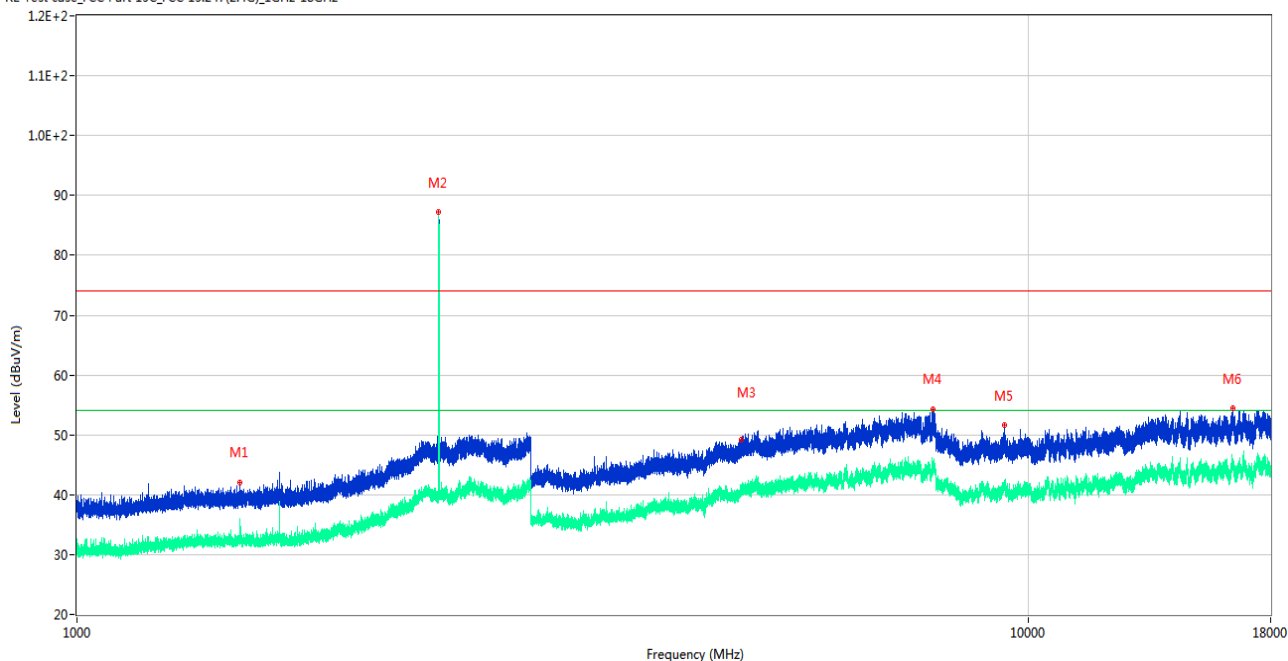
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	46.60	74.0	27.40	Peak	178.00	400	Vertical	Pass
1**	1330.100	32.59	54.0	21.41	AV	178.00	400	Vertical	Pass
2	2480.100	86.61	74.0	-12.61	Peak	84.00	100	Vertical	N/A
2**	2480.100	86.24	54.0	-32.24	AV	84.00	100	Vertical	N/A
3	4959.750	48.26	74.0	25.74	Peak	174.00	100	Vertical	Pass
3**	4959.750	43.01	54.0	10.99	AV	174.00	100	Vertical	Pass
4	7965.750	54.57	74.0	19.43	Peak	152.00	400	Vertical	Pass
4**	7965.750	44.84	54.0	9.16	AV	152.00	400	Vertical	Pass
5	12491.837	51.90	74.0	22.10	Peak	205.00	400	Vertical	Pass
5**	12491.837	42.74	54.0	11.26	AV	205.00	400	Vertical	Pass
6	16417.651	54.49	74.0	19.51	Peak	179.00	200	Vertical	Pass
6**	16417.651	44.82	54.0	9.18	AV	179.00	200	Vertical	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

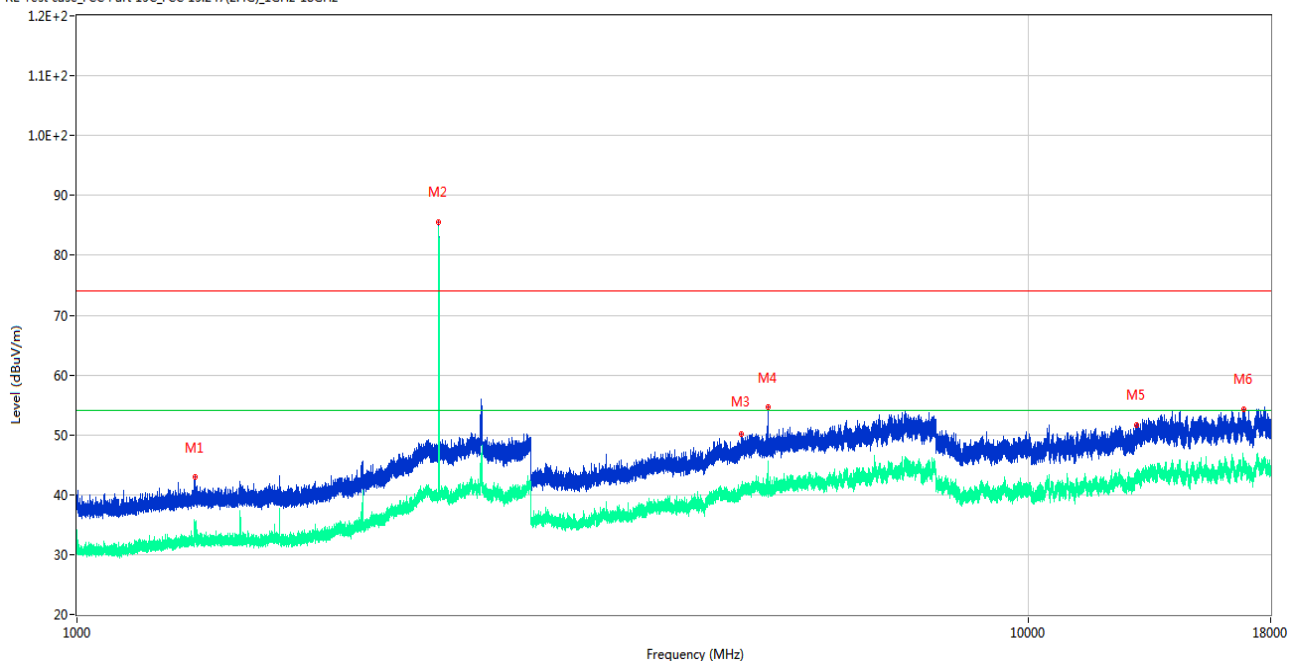
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	42.09	74.0	31.91	Peak	154.00	400	Horizontal	Pass
1**	1485.000	33.53	54.0	20.47	AV	154.00	400	Horizontal	Pass
2	2401.800	87.20	74.0	-13.20	Peak	0.00	150	Horizontal	N/A
2**	2401.800	85.88	54.0	-31.88	AV	0.00	150	Horizontal	N/A
3	4990.500	49.22	74.0	24.78	Peak	40.00	100	Horizontal	Pass
3**	4990.500	41.44	54.0	12.56	AV	40.00	100	Horizontal	Pass
4	7939.250	54.32	74.0	19.68	Peak	309.00	400	Horizontal	Pass
4**	7939.250	45.57	54.0	8.43	AV	309.00	400	Horizontal	Pass
5	9445.662	51.60	74.0	22.40	Peak	92.00	300	Horizontal	Pass
5**	9445.662	41.18	54.0	12.82	AV	92.00	300	Horizontal	Pass
6	16438.651	54.41	74.0	19.59	Peak	65.00	400	Horizontal	Pass
6**	16438.651	44.70	54.0	9.30	AV	65.00	400	Horizontal	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

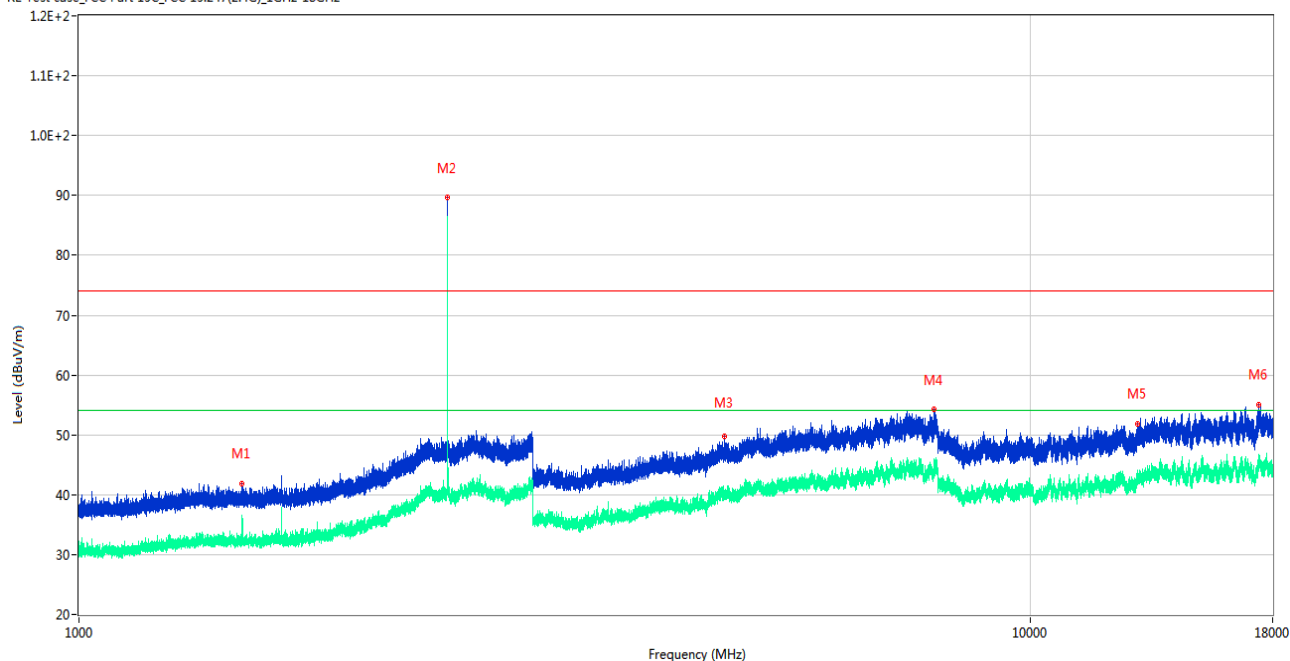
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	42.89	74.0	31.11	Peak	147.00	200	Vertical	Pass
1**	1329.800	33.99	54.0	20.01	AV	147.00	200	Vertical	Pass
2	2401.800	85.60	74.0	-11.60	Peak	84.00	150	Vertical	N/A
2**	2401.800	83.21	54.0	-29.21	AV	84.00	150	Vertical	N/A
3	4997.250	50.13	74.0	23.87	Peak	62.00	200	Vertical	Pass
3**	4997.250	41.04	54.0	12.96	AV	62.00	200	Vertical	Pass
4	5329.750	54.64	74.0	19.36	Peak	130.00	200	Vertical	Pass
4**	5329.750	40.90	54.0	13.10	AV	130.00	200	Vertical	Pass
5	12999.375	51.69	74.0	22.31	Peak	4.00	200	Vertical	Pass
5**	12999.375	42.12	54.0	11.88	AV	4.00	200	Vertical	Pass
6	16864.162	54.30	74.0	19.70	Peak	271.00	100	Vertical	Pass
6**	16864.162	45.39	54.0	8.61	AV	271.00	100	Vertical	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

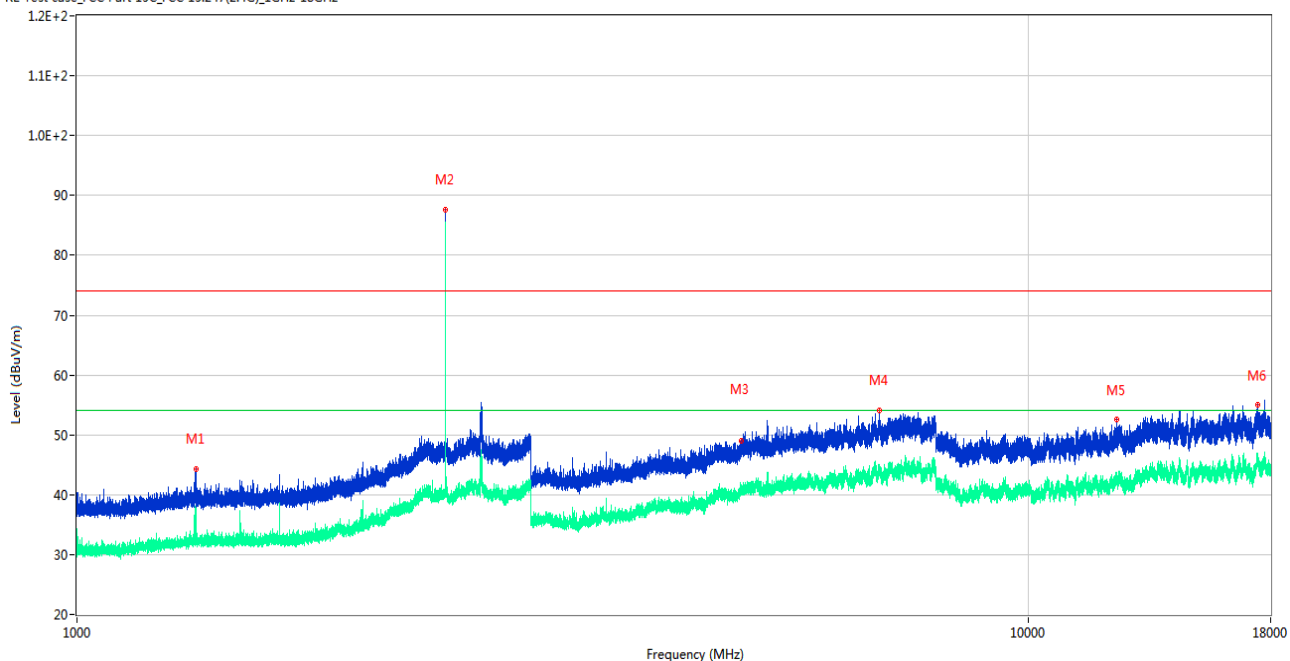
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	41.92	74.0	32.08	Peak	196.00	200	Horizontal	Pass
1**	1484.600	34.45	54.0	19.55	AV	196.00	200	Horizontal	Pass
2	2440.900	89.59	74.0	-15.59	Peak	0.00	100	Horizontal	N/A
2**	2440.900	86.26	54.0	-32.26	AV	0.00	100	Horizontal	N/A
3	4778.750	49.75	74.0	24.25	Peak	285.00	100	Horizontal	Pass
3**	4778.750	39.84	54.0	14.16	AV	285.00	100	Horizontal	Pass
4	7935.500	54.23	74.0	19.77	Peak	128.00	100	Horizontal	Pass
4**	7935.500	45.04	54.0	8.96	AV	128.00	100	Horizontal	Pass
5	12992.550	51.89	74.0	22.11	Peak	144.00	200	Horizontal	Pass
5**	12992.550	42.65	54.0	11.35	AV	144.00	200	Horizontal	Pass
6	17390.475	55.11	74.0	18.89	Peak	351.00	100	Horizontal	Pass
6**	17390.475	45.35	54.0	8.65	AV	351.00	100	Horizontal	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

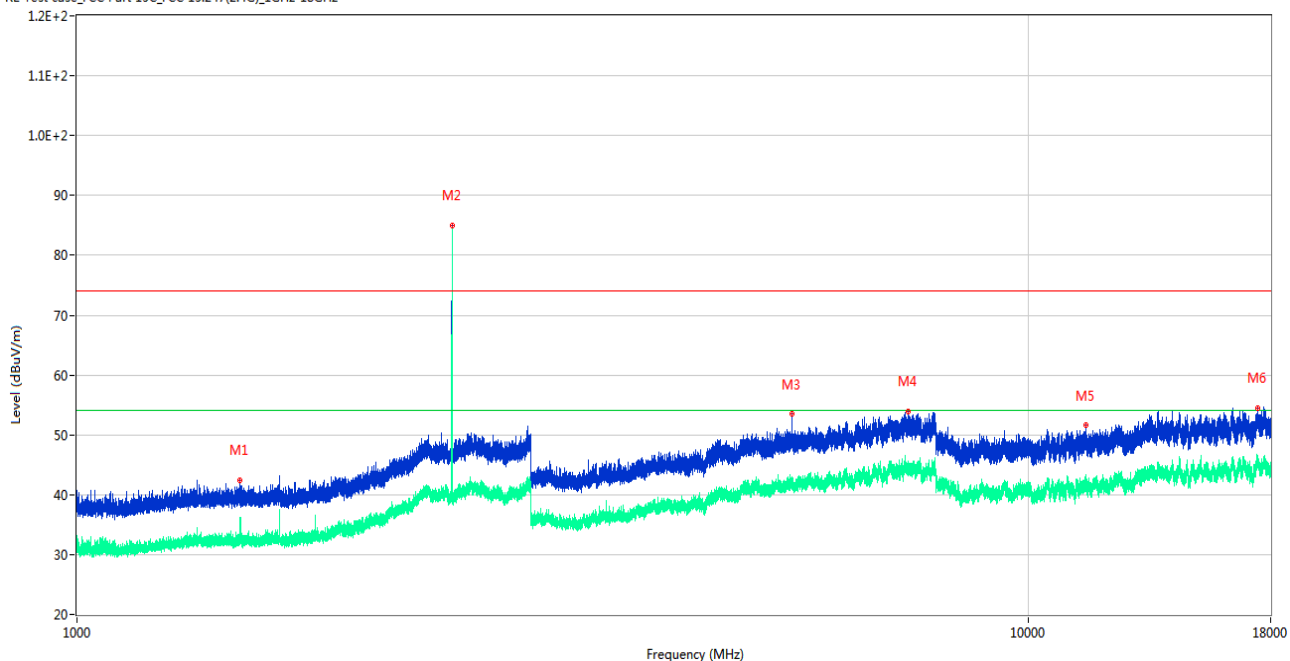
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.900	44.30	74.0	29.70	Peak	157.00	400	Vertical	Pass
1**	1332.900	32.55	54.0	21.45	AV	157.00	400	Vertical	Pass
2	2441.100	87.63	74.0	-13.63	Peak	96.00	150	Vertical	N/A
2**	2441.100	85.51	54.0	-31.51	AV	96.00	150	Vertical	N/A
3	4994.000	49.02	74.0	24.98	Peak	196.00	200	Vertical	Pass
3**	4994.000	41.36	54.0	12.64	AV	196.00	200	Vertical	Pass
4	6980.500	54.15	74.0	19.85	Peak	152.00	100	Vertical	Pass
4**	6980.500	44.61	54.0	9.39	AV	152.00	100	Vertical	Pass
5	12392.563	52.49	74.0	21.51	Peak	263.00	100	Vertical	Pass
5**	12392.563	42.63	54.0	11.37	AV	263.00	100	Vertical	Pass
6	17437.463	54.97	74.0	19.03	Peak	229.00	100	Vertical	Pass
6**	17437.463	45.25	54.0	8.75	AV	229.00	100	Vertical	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

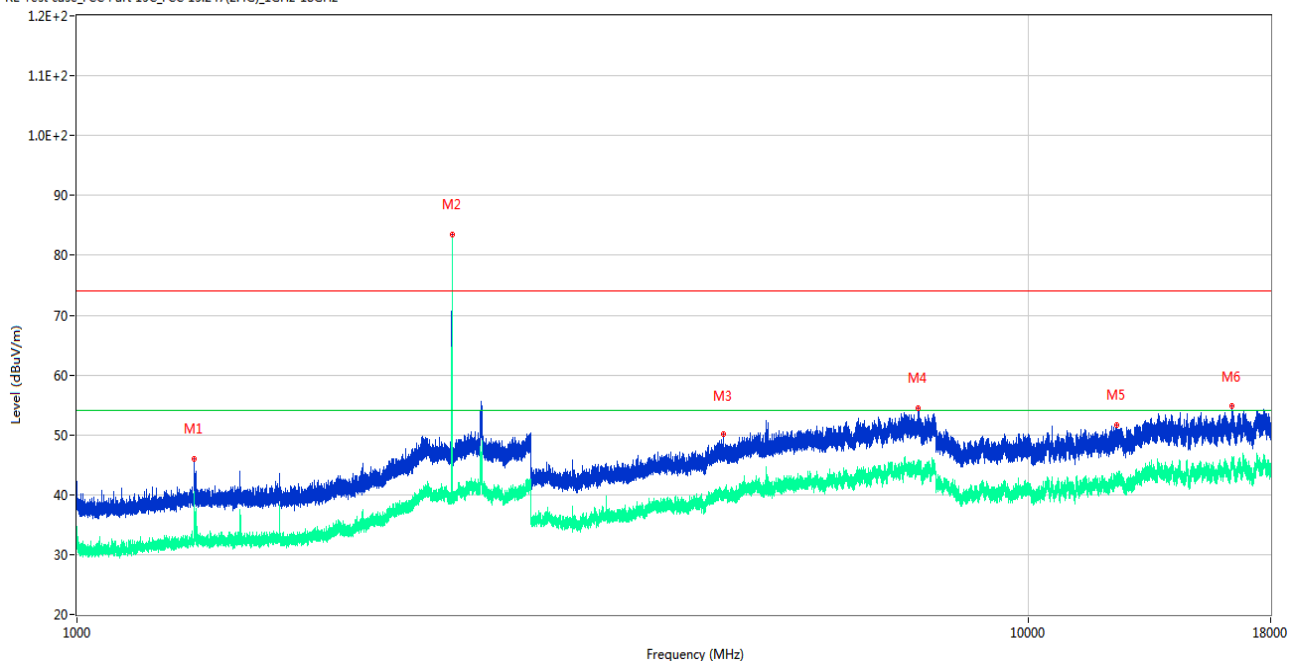
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	42.43	74.0	31.57	Peak	360.00	300	Horizontal	Pass
1**	1485.000	35.75	54.0	18.25	AV	360.00	300	Horizontal	Pass
2	2479.900	85.01	74.0	-11.01	Peak	343.00	200	Horizontal	N/A
2**	2479.900	84.11	54.0	-30.11	AV	343.00	200	Horizontal	N/A
3	5652.000	53.48	74.0	20.52	Peak	307.00	100	Horizontal	Pass
3**	5652.000	41.61	54.0	12.39	AV	307.00	100	Horizontal	Pass
4	7485.750	53.97	74.0	20.03	Peak	0.00	100	Horizontal	Pass
4**	7485.750	44.63	54.0	9.37	AV	0.00	100	Horizontal	Pass
5	11503.838	51.60	74.0	22.40	Peak	230.00	100	Horizontal	Pass
5**	11503.838	42.30	54.0	11.70	AV	230.00	100	Horizontal	Pass
6	17464.500	54.48	74.0	19.52	Peak	304.00	200	Horizontal	Pass
6**	17464.500	44.91	54.0	9.09	AV	304.00	200	Horizontal	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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

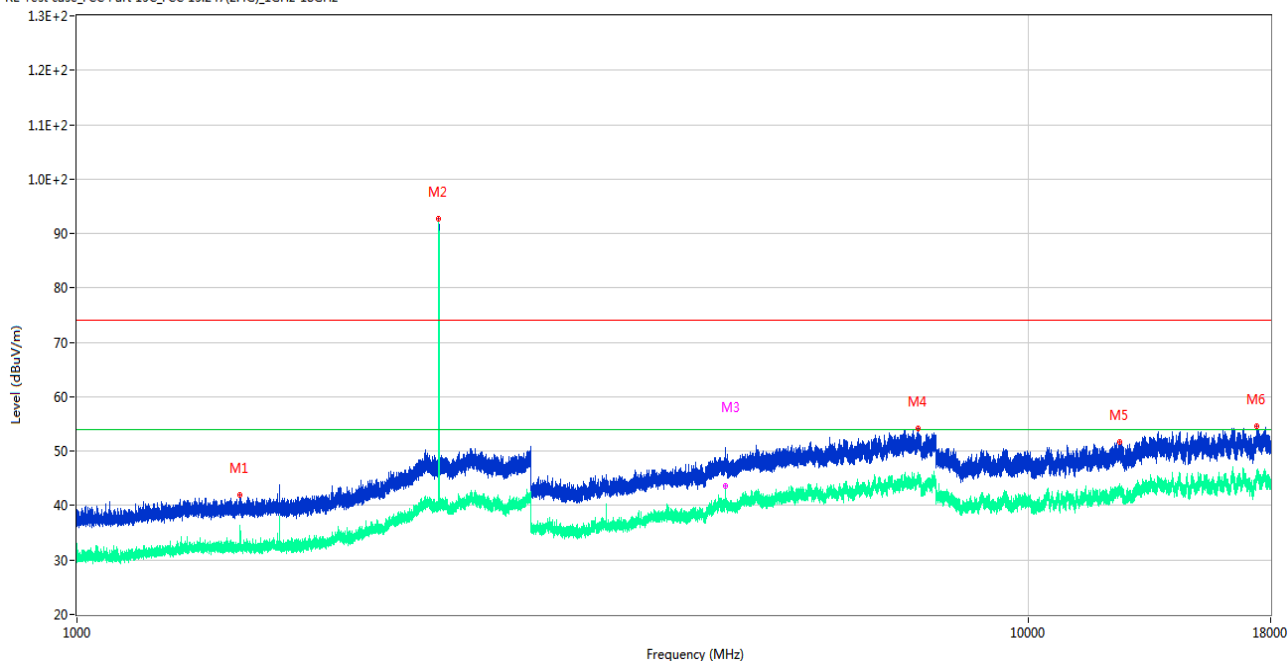


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	46.03	74.0	27.97	Peak	174.00	400	Vertical	Pass
1**	1327.500	36.17	54.0	17.83	AV	174.00	400	Vertical	Pass
2	2479.800	83.48	74.0	-9.48	Peak	82.00	200	Vertical	N/A
2**	2479.800	82.22	54.0	-28.22	AV	82.00	200	Vertical	N/A
3	4784.250	50.10	74.0	23.90	Peak	0.00	150	Vertical	Pass
3**	4784.250	40.24	54.0	13.76	AV	0.00	150	Vertical	Pass
4	7663.250	54.49	74.0	19.51	Peak	355.00	100	Vertical	Pass
4**	7663.250	44.37	54.0	9.63	AV	355.00	100	Vertical	Pass
5	12403.013	51.65	74.0	22.35	Peak	156.00	400	Vertical	Pass
5**	12403.013	42.97	54.0	11.03	AV	156.00	400	Vertical	Pass
6	16401.375	54.81	74.0	19.19	Peak	0.00	200	Vertical	Pass
6**	16401.375	45.49	54.0	8.51	AV	0.00	200	Vertical	Pass

Right Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

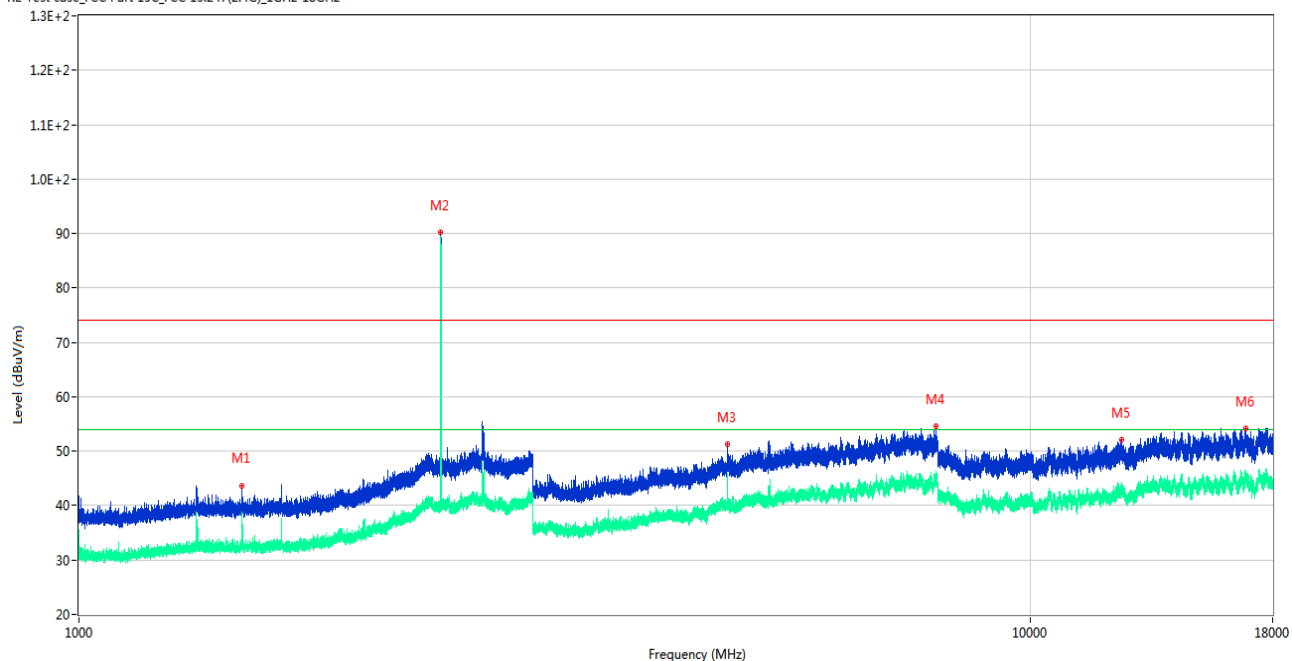
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.300	41.89	74.0	32.11	Peak	208.00	100	Horizontal	Pass
1**	1484.300	33.39	54.0	20.61	AV	208.00	100	Horizontal	Pass
2	2401.900	92.61	74.0	-18.61	Peak	302.00	150	Horizontal	N/A
2**	2401.900	91.72	54.0	-37.72	AV	302.00	150	Horizontal	N/A
3	4804.250	48.20	74.0	25.80	Peak	240.00	100	Horizontal	Pass
3**	4804.250	43.67	54.0	10.33	AV	240.00	100	Horizontal	Pass
4	7662.750	54.13	74.0	19.87	Peak	196.00	400	Horizontal	Pass
4**	7662.750	45.12	54.0	8.88	AV	196.00	400	Horizontal	Pass
5	12498.487	51.71	74.0	22.29	Peak	172.00	400	Horizontal	Pass
5**	12498.487	42.30	54.0	11.70	AV	172.00	400	Horizontal	Pass
6	17413.050	54.56	74.0	19.44	Peak	197.00	400	Horizontal	Pass
6**	17413.050	45.48	54.0	8.52	AV	197.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

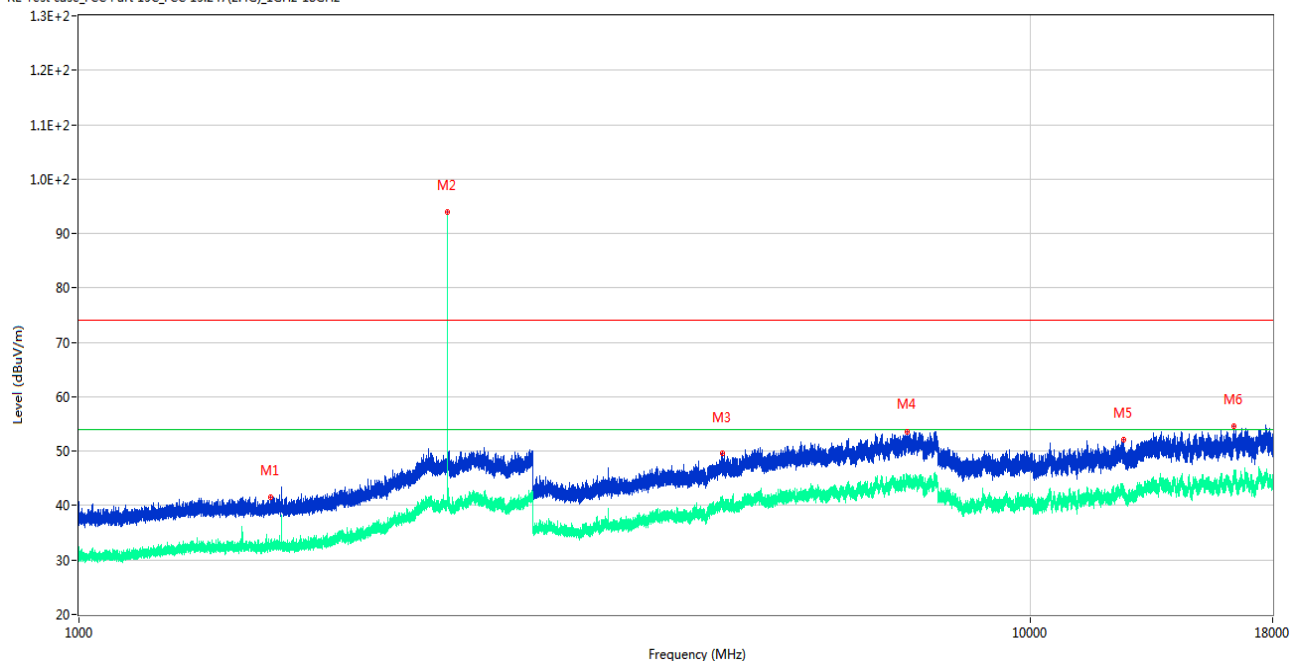
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	43.71	74.0	30.29	Peak	162.00	400	Vertical	Pass
1**	1484.700	37.04	54.0	16.96	AV	162.00	400	Vertical	Pass
2	2402.000	90.25	74.0	-16.25	Peak	152.00	200	Vertical	N/A
2**	2402.000	89.32	54.0	-35.32	AV	152.00	200	Vertical	N/A
3	4804.250	51.24	74.0	22.76	Peak	127.00	150	Vertical	Pass
3**	4804.250	45.89	54.0	8.11	AV	127.00	150	Vertical	Pass
4	7968.250	54.61	74.0	19.39	Peak	360.00	300	Vertical	Pass
4**	7968.250	44.62	54.0	9.38	AV	360.00	300	Vertical	Pass
5	12496.113	52.03	74.0	21.97	Peak	94.00	300	Vertical	Pass
5**	12496.113	42.55	54.0	11.45	AV	94.00	300	Vertical	Pass
6	16848.412	54.24	74.0	19.76	Peak	65.00	100	Vertical	Pass
6**	16848.412	45.62	54.0	8.38	AV	65.00	100	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

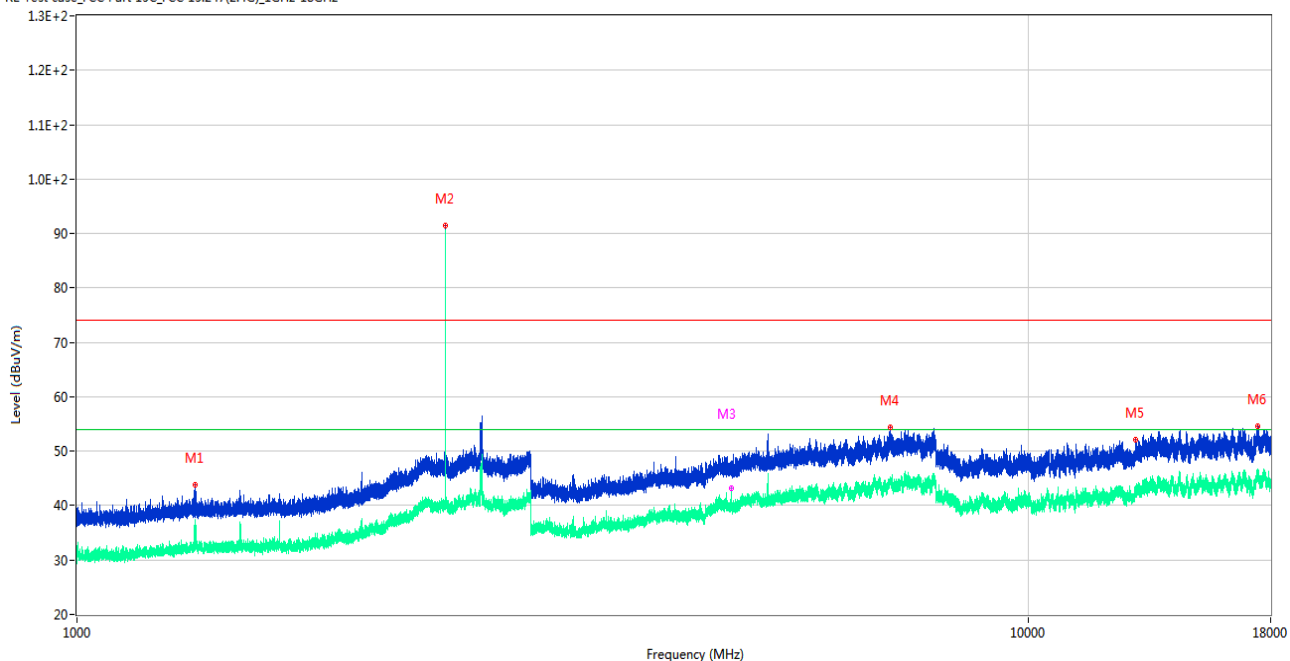
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.400	41.58	74.0	32.42	Peak	360.00	200	Horizontal	Pass
1**	1592.400	33.44	54.0	20.56	AV	360.00	200	Horizontal	Pass
2	2441.100	93.96	74.0	-19.96	Peak	291.00	100	Horizontal	N/A
2**	2441.100	93.33	54.0	-39.33	AV	291.00	100	Horizontal	N/A
3	4745.000	49.67	74.0	24.33	Peak	171.00	200	Horizontal	Pass
3**	4745.000	40.95	54.0	13.05	AV	171.00	200	Horizontal	Pass
4	7424.500	53.64	74.0	20.36	Peak	360.00	100	Horizontal	Pass
4**	7424.500	44.66	54.0	9.34	AV	360.00	100	Horizontal	Pass
5	12560.474	52.13	74.0	21.87	Peak	256.00	300	Horizontal	Pass
5**	12560.474	42.41	54.0	11.59	AV	256.00	300	Horizontal	Pass
6	16399.800	54.62	74.0	19.38	Peak	108.00	400	Horizontal	Pass
6**	16399.800	45.66	54.0	8.34	AV	108.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

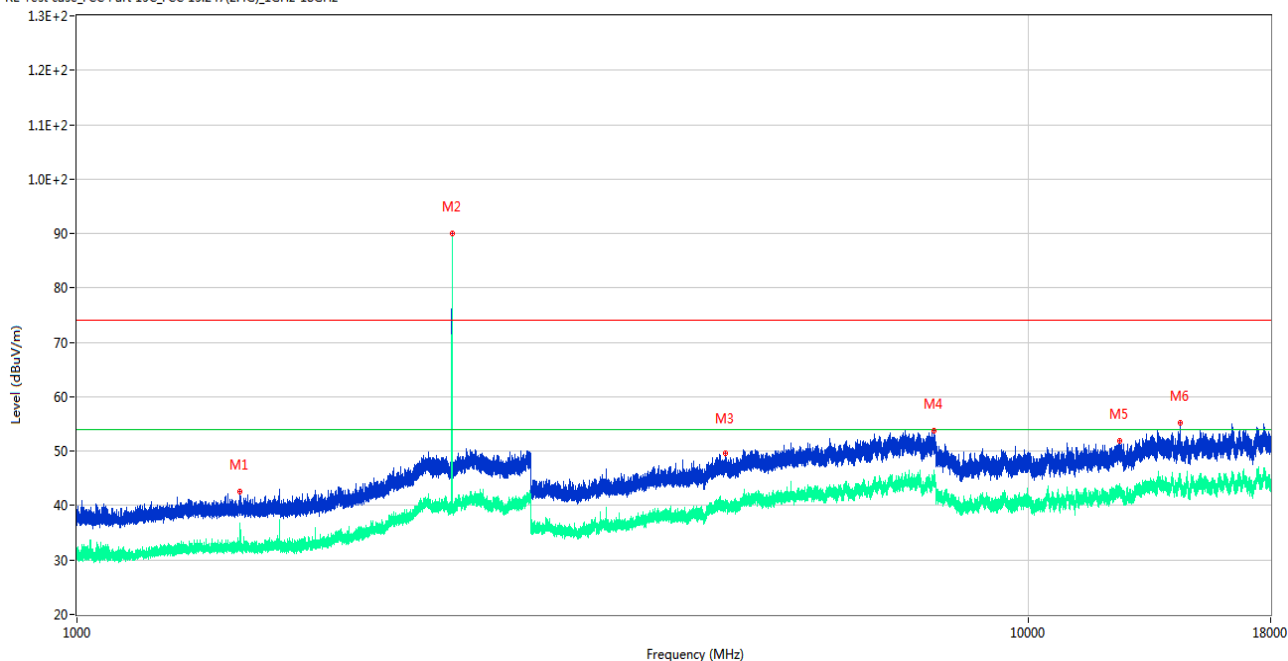
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	43.84	74.0	30.16	Peak	175.00	300	Vertical	Pass
1**	1331.300	31.98	54.0	22.02	AV	175.00	300	Vertical	Pass
2	2441.200	91.38	74.0	-17.38	Peak	145.00	100	Vertical	N/A
2**	2441.200	90.63	54.0	-36.63	AV	145.00	100	Vertical	N/A
3	4882.000	47.00	74.0	27.00	Peak	64.00	100	Vertical	Pass
3**	4882.000	43.15	54.0	10.85	AV	64.00	100	Vertical	Pass
4	7174.750	54.29	74.0	19.71	Peak	242.00	200	Vertical	Pass
4**	7174.750	44.92	54.0	9.08	AV	242.00	200	Vertical	Pass
5	12981.526	52.04	74.0	21.96	Peak	260.00	100	Vertical	Pass
5**	12981.526	42.80	54.0	11.20	AV	260.00	100	Vertical	Pass
6	17433.786	54.66	74.0	19.34	Peak	130.00	300	Vertical	Pass
6**	17433.786	45.36	54.0	8.64	AV	130.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

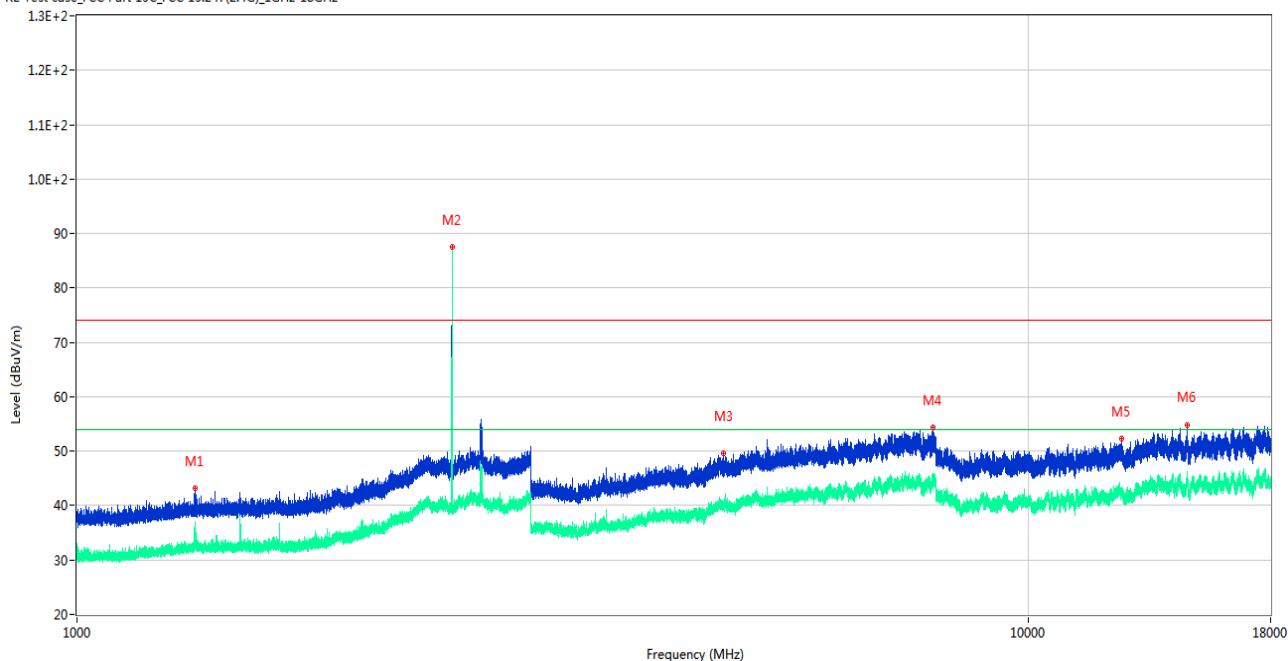
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	42.50	74.0	31.50	Peak	269.00	200	Horizontal	Pass
1**	1484.800	34.65	54.0	19.35	AV	269.00	200	Horizontal	Pass
2	2480.000	90.07	74.0	-16.07	Peak	293.00	200	Horizontal	N/A
2**	2480.000	89.29	54.0	-35.29	AV	293.00	200	Horizontal	N/A
3	4812.500	49.56	74.0	24.44	Peak	330.00	100	Horizontal	Pass
3**	4812.500	41.02	54.0	12.98	AV	330.00	100	Horizontal	Pass
4	7964.500	53.81	74.0	20.19	Peak	352.00	100	Horizontal	Pass
4**	7964.500	45.08	54.0	8.92	AV	352.00	100	Horizontal	Pass
5	12501.812	51.85	74.0	22.15	Peak	279.00	200	Horizontal	Pass
5**	12501.812	42.50	54.0	11.50	AV	279.00	200	Horizontal	Pass
6	14446.012	55.17	74.0	18.83	Peak	200.00	100	Horizontal	Pass
6**	14446.012	45.28	54.0	8.72	AV	200.00	100	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

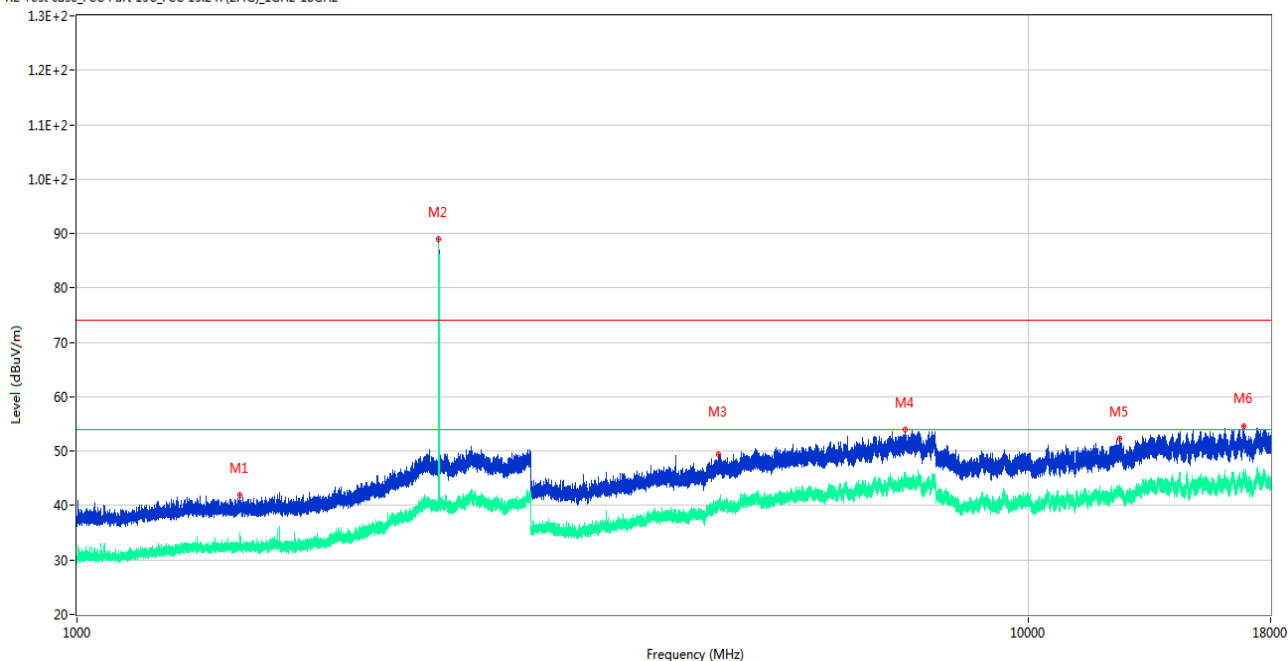
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	43.25	74.0	30.75	Peak	188.00	200	Vertical	Pass
1**	1331.300	32.00	54.0	22.00	AV	188.00	200	Vertical	Pass
2	2480.000	87.47	74.0	-13.47	Peak	145.00	150	Vertical	N/A
2**	2480.000	86.55	54.0	-32.55	AV	145.00	150	Vertical	N/A
3	4789.250	49.66	74.0	24.34	Peak	239.00	200	Vertical	Pass
3**	4789.250	39.77	54.0	14.23	AV	239.00	200	Vertical	Pass
4	7948.750	54.37	74.0	19.63	Peak	151.00	200	Vertical	Pass
4**	7948.750	43.75	54.0	10.25	AV	151.00	200	Vertical	Pass
5	12560.238	52.26	74.0	21.74	Peak	324.00	400	Vertical	Pass
5**	12560.238	42.35	54.0	11.65	AV	324.00	400	Vertical	Pass
6	14699.325	54.90	74.0	19.10	Peak	224.00	100	Vertical	Pass
6**	14699.325	44.45	54.0	9.55	AV	224.00	100	Vertical	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

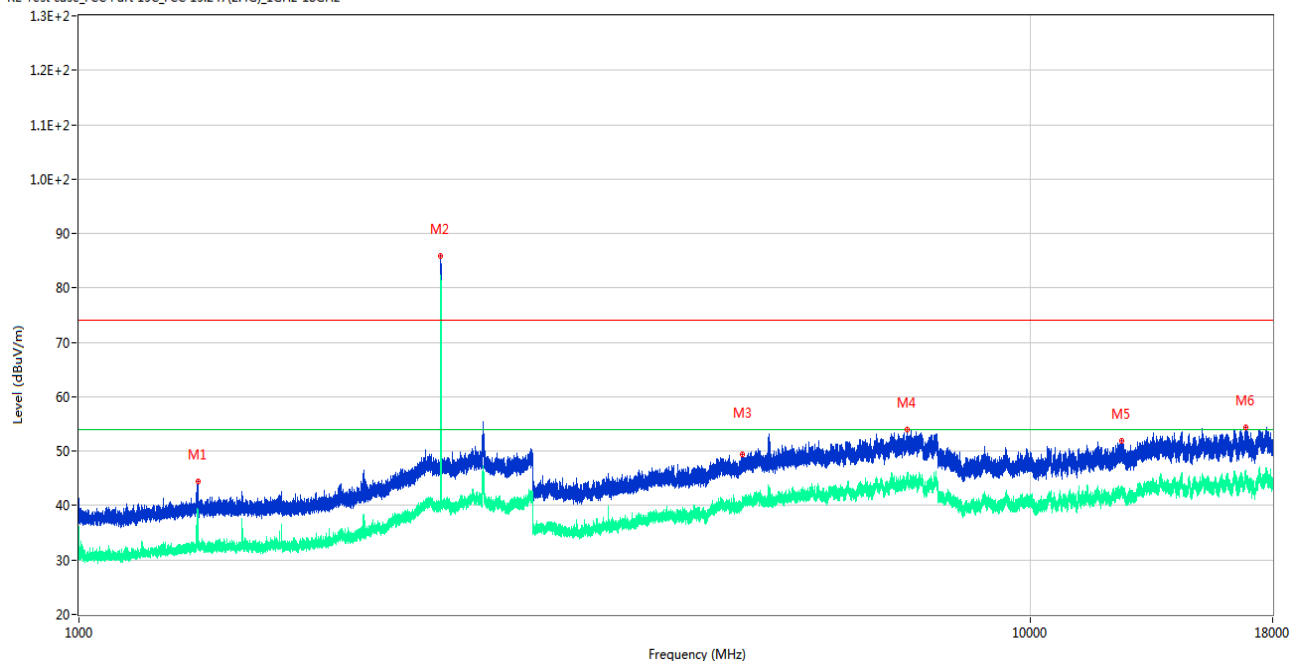
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	41.92	74.0	32.08	Peak	360.00	400	Horizontal	Pass
1**	1485.100	35.01	54.0	18.99	AV	360.00	400	Horizontal	Pass
2	2401.900	88.94	74.0	-14.94	Peak	274.00	100	Horizontal	N/A
2**	2401.900	88.18	54.0	-34.18	AV	274.00	100	Horizontal	N/A
3	4723.250	49.44	74.0	24.56	Peak	150.00	150	Horizontal	Pass
3**	4723.250	39.57	54.0	14.43	AV	150.00	150	Horizontal	Pass
4	7425.750	53.95	74.0	20.05	Peak	16.00	300	Horizontal	Pass
4**	7425.750	45.53	54.0	8.47	AV	16.00	300	Horizontal	Pass
5	12490.412	52.30	74.0	21.70	Peak	340.00	300	Horizontal	Pass
5**	12490.412	43.18	54.0	10.82	AV	340.00	300	Horizontal	Pass
6	16851.562	54.68	74.0	19.32	Peak	48.00	100	Horizontal	Pass
6**	16851.562	44.93	54.0	9.07	AV	48.00	100	Horizontal	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

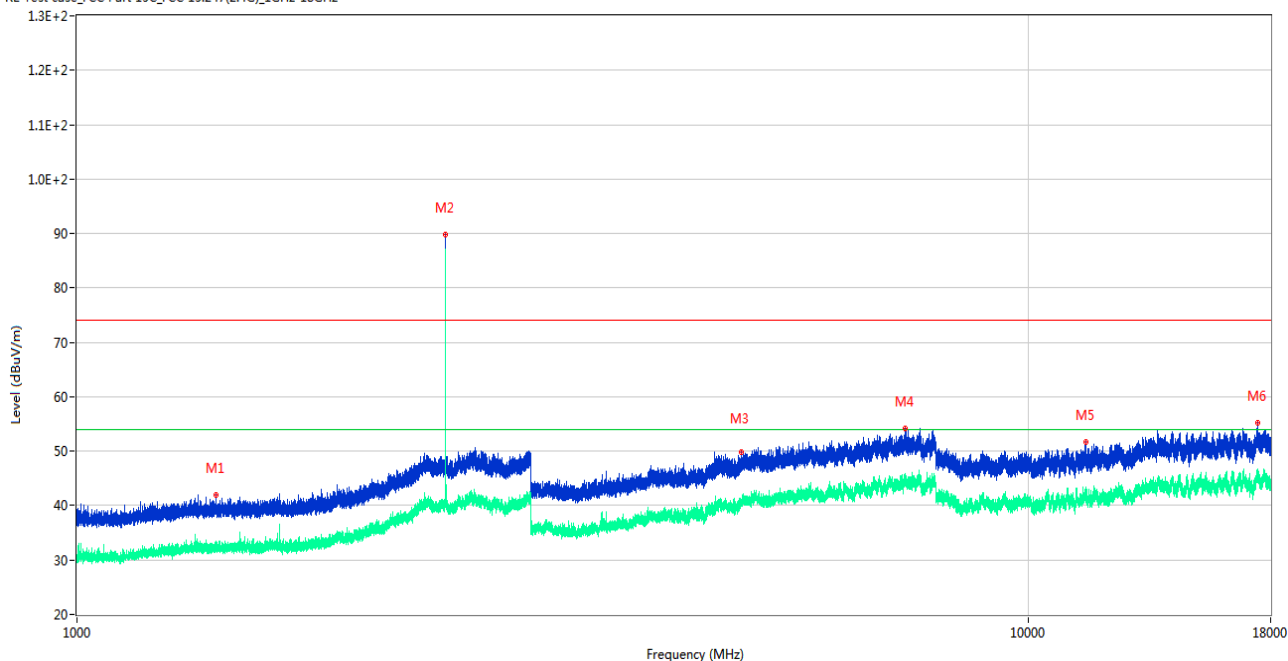
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	44.49	74.0	29.51	Peak	181.00	300	Vertical	Pass
1**	1333.000	32.20	54.0	21.80	AV	181.00	300	Vertical	Pass
2	2401.900	85.82	74.0	-11.82	Peak	149.00	150	Vertical	N/A
2**	2401.900	82.06	54.0	-28.06	AV	149.00	150	Vertical	N/A
3	4985.750	49.47	74.0	24.53	Peak	220.00	200	Vertical	Pass
3**	4985.750	40.11	54.0	13.89	AV	220.00	200	Vertical	Pass
4	7426.500	53.93	74.0	20.07	Peak	86.00	400	Vertical	Pass
4**	7426.500	45.04	54.0	8.96	AV	86.00	400	Vertical	Pass
5	12503.474	51.94	74.0	22.06	Peak	0.00	200	Vertical	Pass
5**	12503.474	42.44	54.0	11.56	AV	0.00	200	Vertical	Pass
6	16882.801	54.41	74.0	19.59	Peak	191.00	400	Vertical	Pass
6**	16882.801	44.20	54.0	9.80	AV	191.00	400	Vertical	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

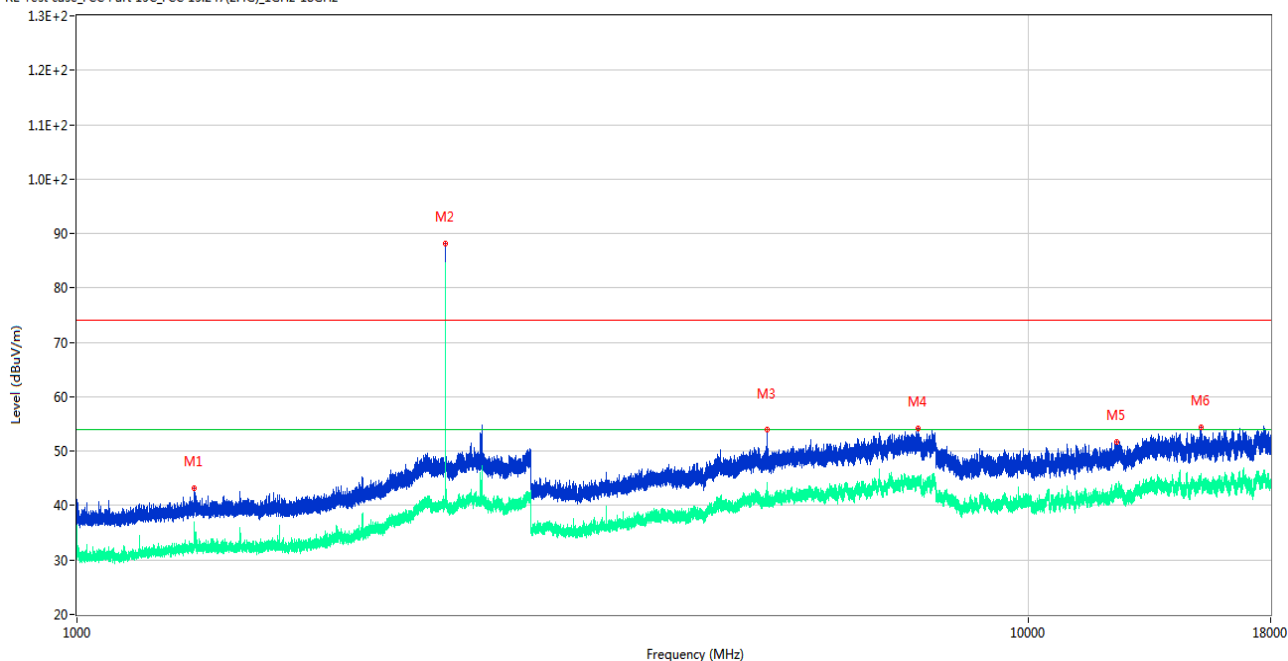
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1399.000	41.93	74.0	32.07	Peak	128.00	400	Horizontal	Pass
1**	1399.000	32.11	54.0	21.89	AV	128.00	400	Horizontal	Pass
2	2440.900	89.78	74.0	-15.78	Peak	299.00	100	Horizontal	N/A
2**	2440.900	86.70	54.0	-32.70	AV	299.00	100	Horizontal	N/A
3	4991.000	49.79	74.0	24.21	Peak	360.00	100	Horizontal	Pass
3**	4991.000	40.58	54.0	13.42	AV	360.00	100	Horizontal	Pass
4	7424.000	54.22	74.0	19.78	Peak	265.00	300	Horizontal	Pass
4**	7424.000	44.64	54.0	9.36	AV	265.00	300	Horizontal	Pass
5	11505.738	51.62	74.0	22.38	Peak	38.00	100	Horizontal	Pass
5**	11505.738	42.20	54.0	11.80	AV	38.00	100	Horizontal	Pass
6	17459.249	55.17	74.0	18.83	Peak	0.00	300	Horizontal	Pass
6**	17459.249	45.14	54.0	8.86	AV	0.00	300	Horizontal	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

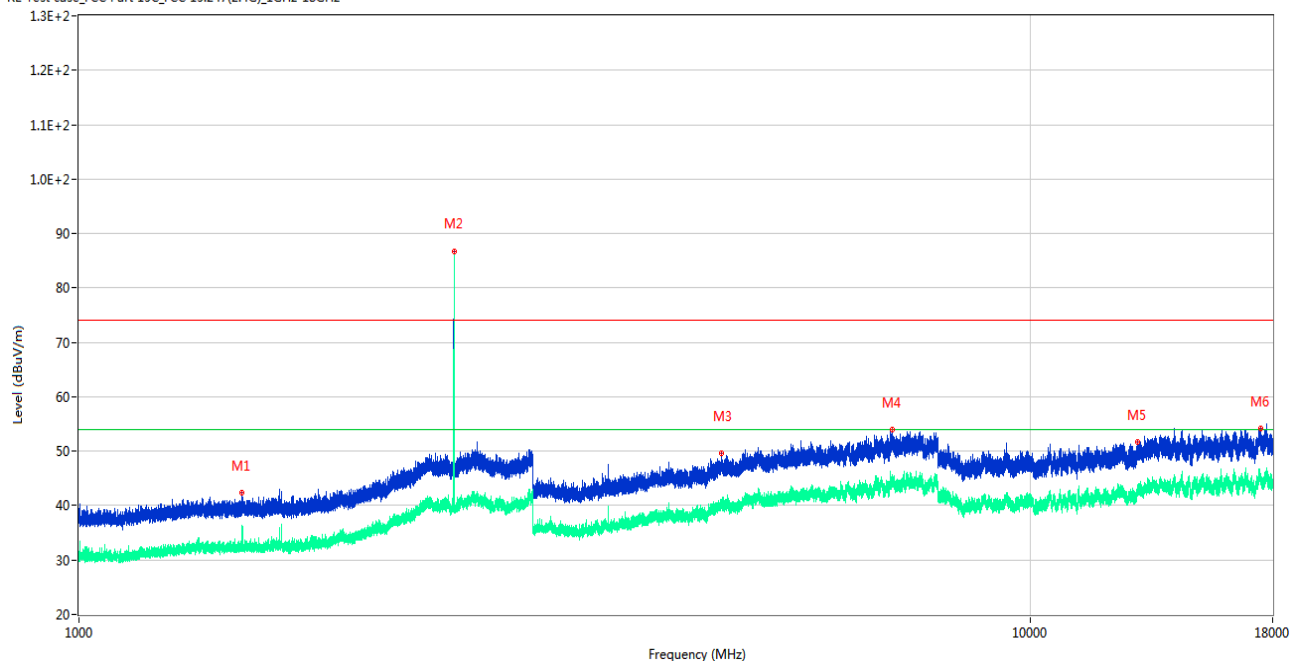
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.000	43.27	74.0	30.73	Peak	179.00	300	Vertical	Pass
1**	1327.000	32.85	54.0	21.15	AV	179.00	300	Vertical	Pass
2	2441.000	88.20	74.0	-14.20	Peak	147.00	150	Vertical	N/A
2**	2441.000	84.44	54.0	-30.44	AV	147.00	150	Vertical	N/A
3	5317.750	54.07	74.0	19.93	Peak	106.00	100	Vertical	Pass
3**	5317.750	40.69	54.0	13.31	AV	106.00	100	Vertical	Pass
4	7662.750	54.09	74.0	19.91	Peak	174.00	400	Vertical	Pass
4**	7662.750	44.52	54.0	9.48	AV	174.00	400	Vertical	Pass
5	12405.387	51.66	74.0	22.34	Peak	0.00	400	Vertical	Pass
5**	12405.387	42.52	54.0	11.48	AV	0.00	400	Vertical	Pass
6	15195.975	54.36	74.0	19.64	Peak	142.00	100	Vertical	Pass
6**	15195.975	44.69	54.0	9.31	AV	142.00	100	Vertical	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

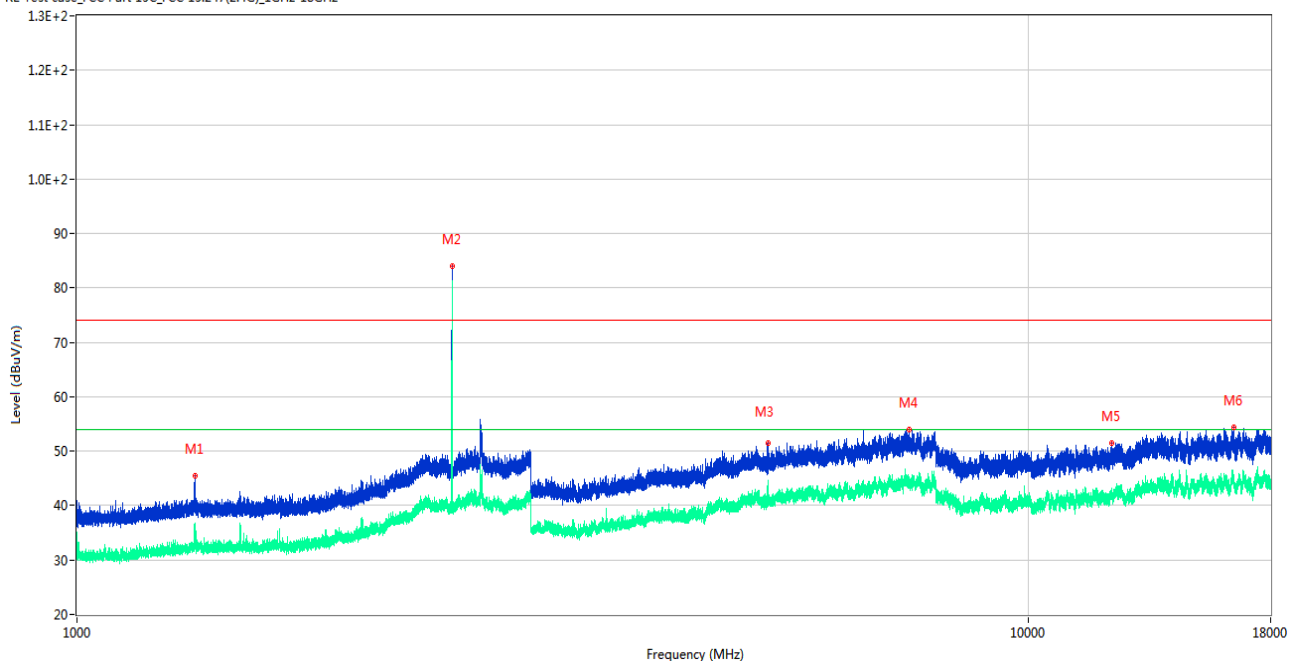
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	42.29	74.0	31.71	Peak	240.00	100	Horizontal	Pass
1**	1484.500	34.08	54.0	19.92	AV	240.00	100	Horizontal	Pass
2	2480.200	86.79	74.0	-12.79	Peak	283.00	100	Horizontal	N/A
2**	2480.200	86.07	54.0	-32.07	AV	283.00	100	Horizontal	N/A
3	4735.500	49.62	74.0	24.38	Peak	307.00	100	Horizontal	Pass
3**	4735.500	40.22	54.0	13.78	AV	307.00	100	Horizontal	Pass
4	7159.000	53.96	74.0	20.04	Peak	360.00	100	Horizontal	Pass
4**	7159.000	45.70	54.0	8.30	AV	360.00	100	Horizontal	Pass
5	12989.662	51.72	74.0	22.28	Peak	23.00	400	Horizontal	Pass
5**	12989.662	42.38	54.0	11.62	AV	23.00	400	Horizontal	Pass
6	17475.262	54.24	74.0	19.76	Peak	152.00	100	Horizontal	Pass
6**	17475.262	44.40	54.0	9.60	AV	152.00	100	Horizontal	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	45.43	74.0	28.57	Peak	167.00	400	Vertical	Pass
1**	1331.700	36.80	54.0	17.20	AV	167.00	400	Vertical	Pass
2	2480.000	84.01	74.0	-10.01	Peak	145.00	150	Vertical	N/A
2**	2480.000	81.25	54.0	-27.25	AV	145.00	150	Vertical	N/A
3	5329.000	51.45	74.0	22.55	Peak	220.00	100	Vertical	Pass
3**	5329.000	41.39	54.0	12.61	AV	220.00	100	Vertical	Pass
4	7495.500	54.01	74.0	19.99	Peak	309.00	200	Vertical	Pass
4**	7495.500	44.07	54.0	9.93	AV	309.00	200	Vertical	Pass
5	12251.487	51.42	74.0	22.58	Peak	204.00	100	Vertical	Pass
5**	12251.487	42.24	54.0	11.76	AV	204.00	100	Vertical	Pass
6	16454.925	54.41	74.0	19.59	Peak	297.00	400	Vertical	Pass
6**	16454.925	44.83	54.0	9.17	AV	297.00	400	Vertical	Pass

5.11 Band Edge (Restricted-band band-edge)

5.11.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

5.11.2 Test Setup

See section 4.5.3 to 4.5.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX A.

5.11.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.11.4 Test Result

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

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

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

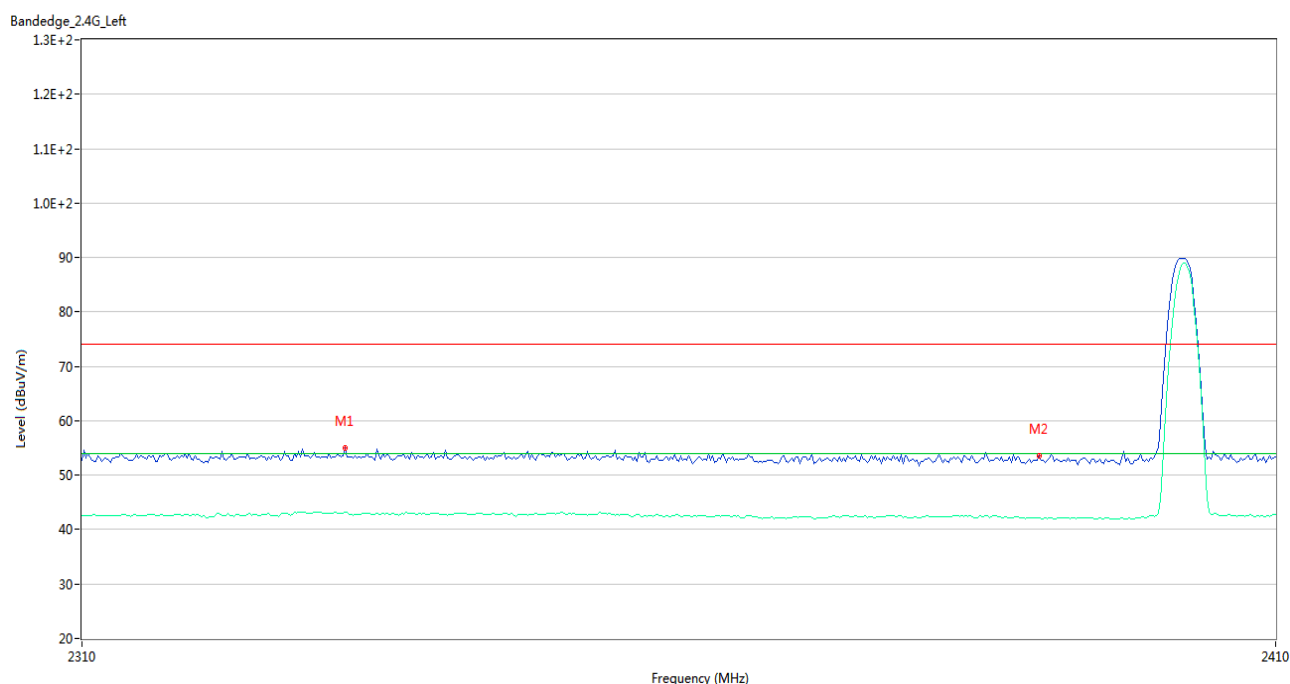
Note ⁴: The Level (dBuV/m) has been corrected by factor.

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

Test Data and Plots

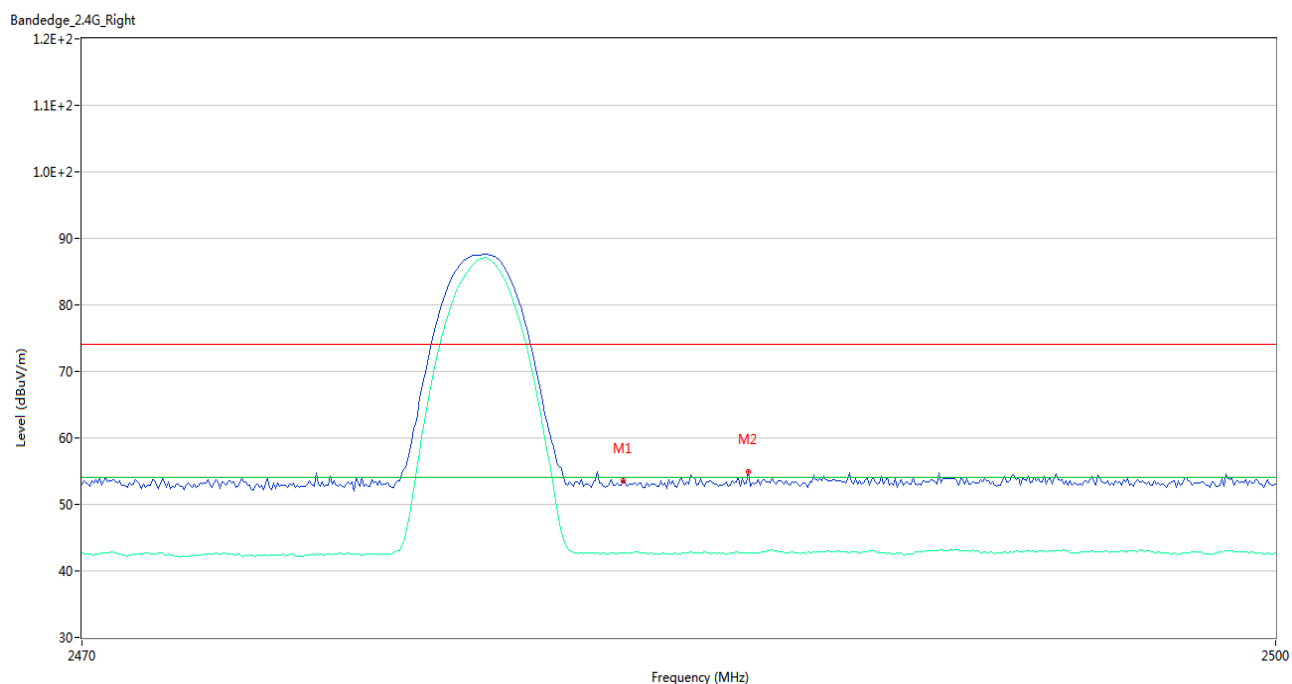
Left Ear

GFSK LOW CHANNEL



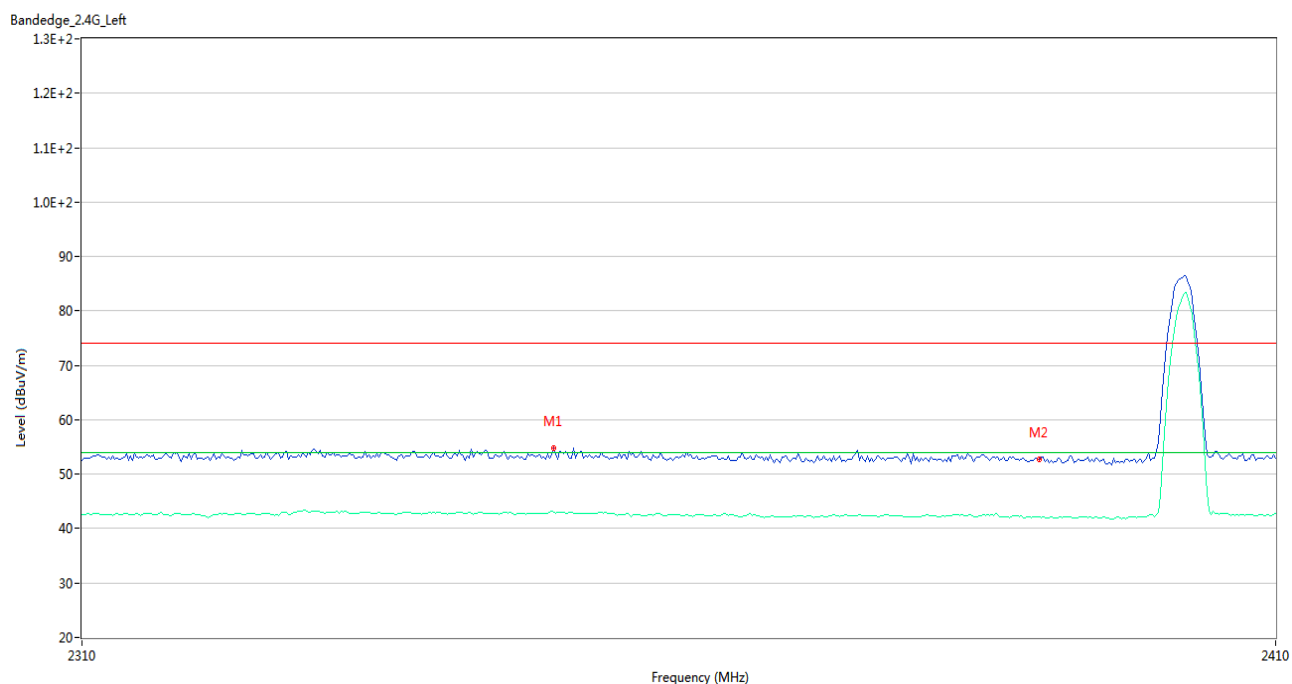
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2331.667	55.00	74.0	19.00	Peak	241.00	100	Horizontal	Pass
1**	2331.667	43.16	54.0	10.84	AV	241.00	100	Horizontal	Pass
2	2389.833	53.57	74.0	20.43	Peak	190.00	150	Horizontal	Pass
2**	2389.833	42.11	54.0	11.89	AV	190.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



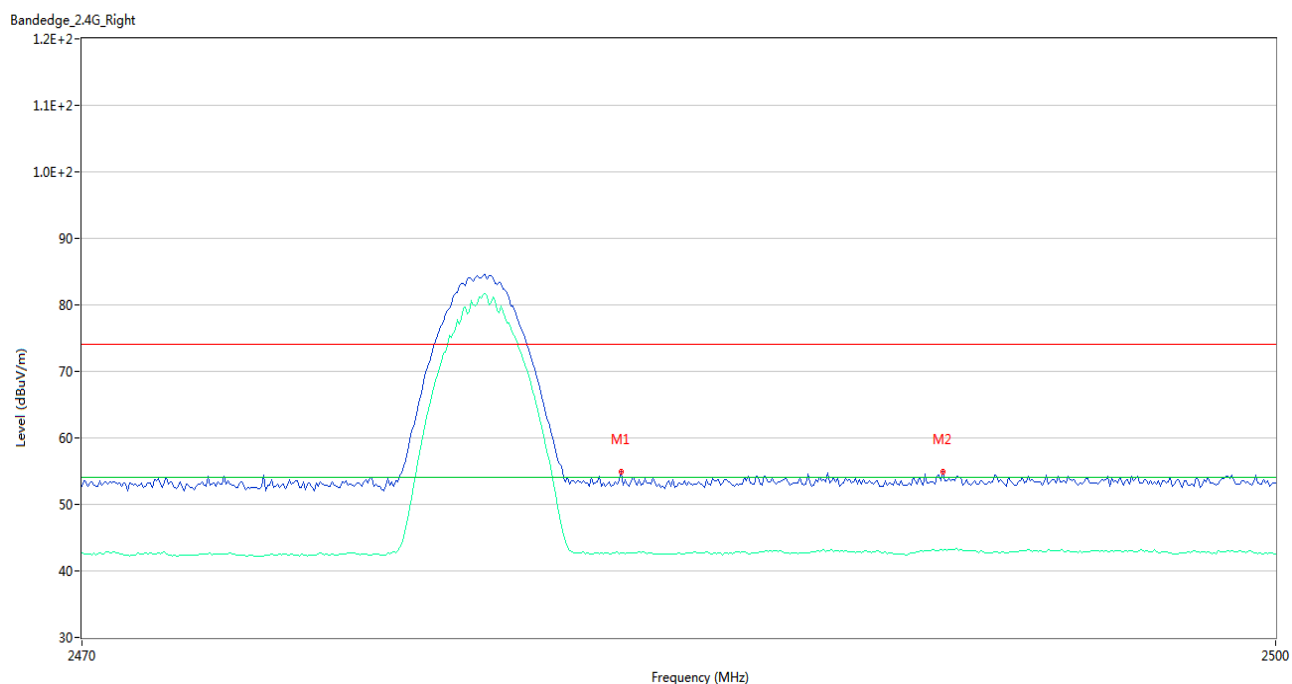
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	53.49	74.0	20.51	Peak	113.00	150	Horizontal	Pass
1**	2483.550	42.64	54.0	11.36	AV	113.00	150	Horizontal	Pass
2	2486.700	54.90	74.0	19.10	Peak	234.00	150	Horizontal	Pass
2**	2486.700	42.71	54.0	11.29	AV	234.00	150	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2349.000	54.75	74.0	19.25	Peak	169.00	200	Horizontal	Pass
1**	2349.000	43.03	54.0	10.97	AV	169.00	200	Horizontal	Pass
2	2389.833	52.80	74.0	21.20	Peak	312.00	200	Horizontal	Pass
2**	2389.833	42.18	54.0	11.82	AV	312.00	200	Horizontal	Pass

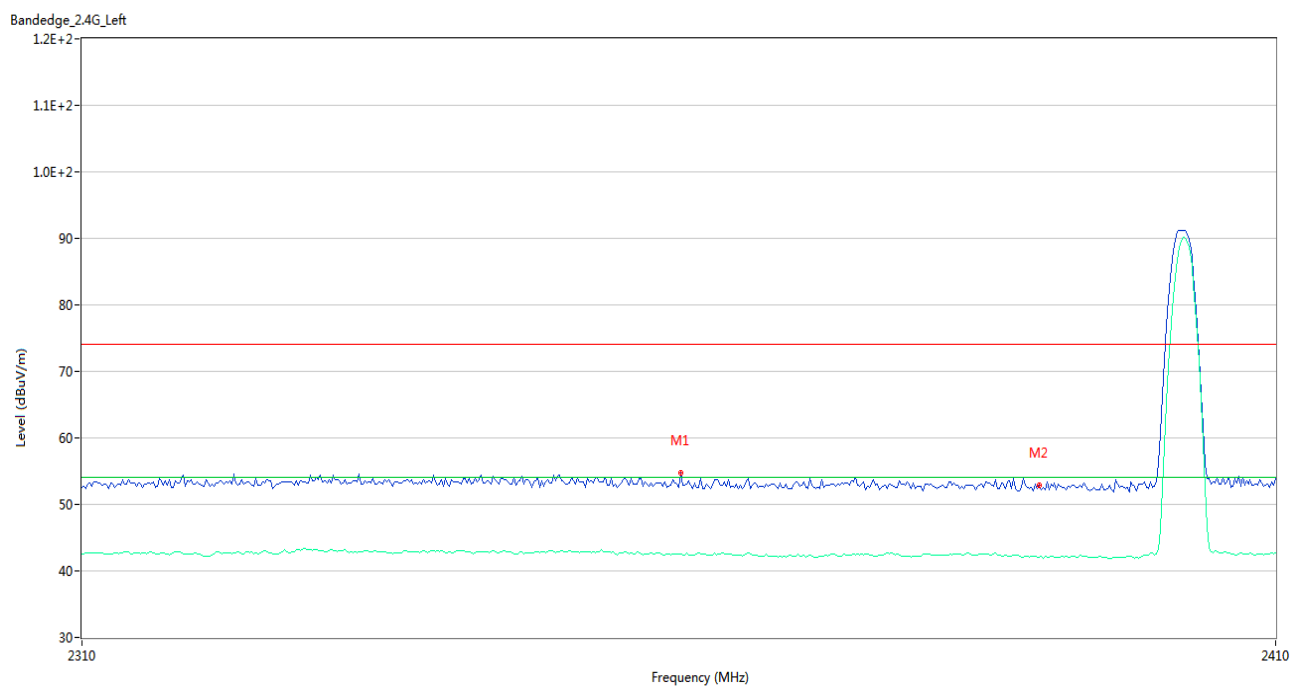
8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.83	74.0	19.17	Peak	198.00	150	Horizontal	Pass
1**	2483.500	42.65	54.0	11.35	AV	198.00	150	Horizontal	Pass
2	2491.600	54.91	74.0	19.09	Peak	181.00	150	Horizontal	Pass
2**	2491.600	43.11	54.0	10.89	AV	181.00	150	Horizontal	Pass

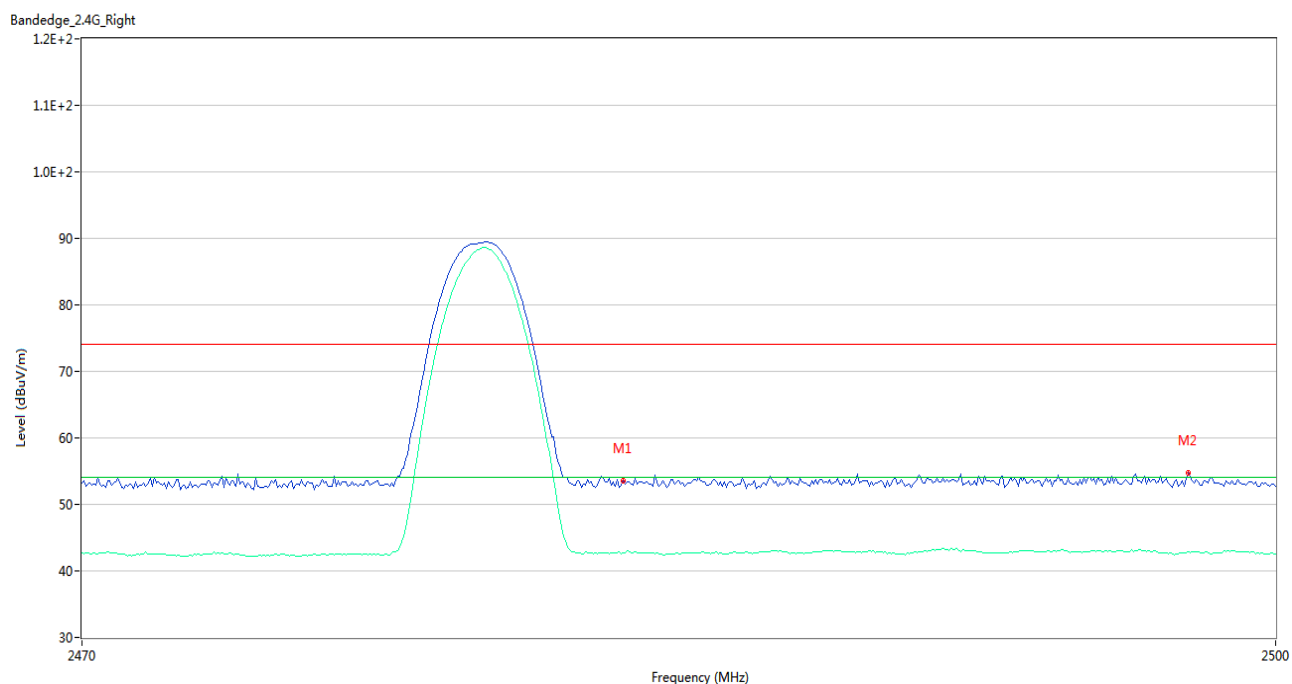
Right Ear

GFSK LOW CHANNEL



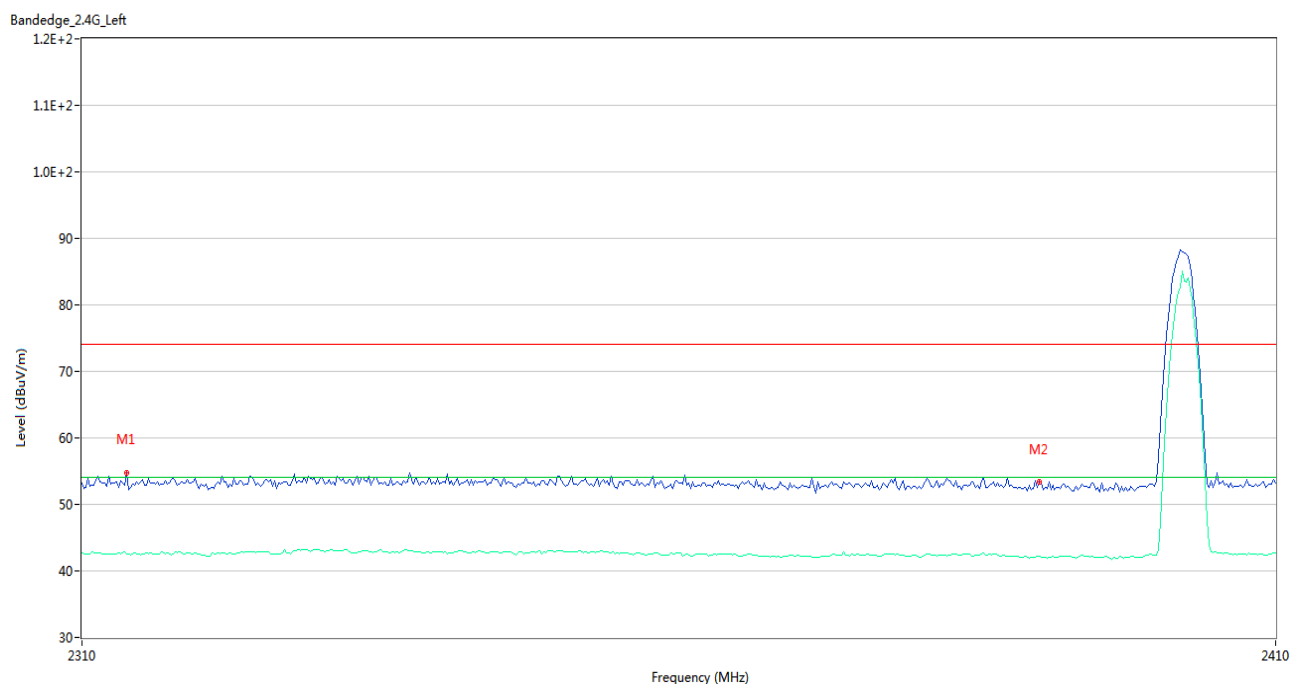
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2359.667	54.70	74.0	19.30	Peak	0.00	150	Horizontal	Pass
1**	2359.667	42.47	54.0	11.53	AV	0.00	150	Horizontal	Pass
2	2389.833	52.86	74.0	21.14	Peak	279.00	100	Horizontal	Pass
2**	2389.833	42.03	54.0	11.97	AV	279.00	100	Horizontal	Pass

GFSK HIGH CHANNEL



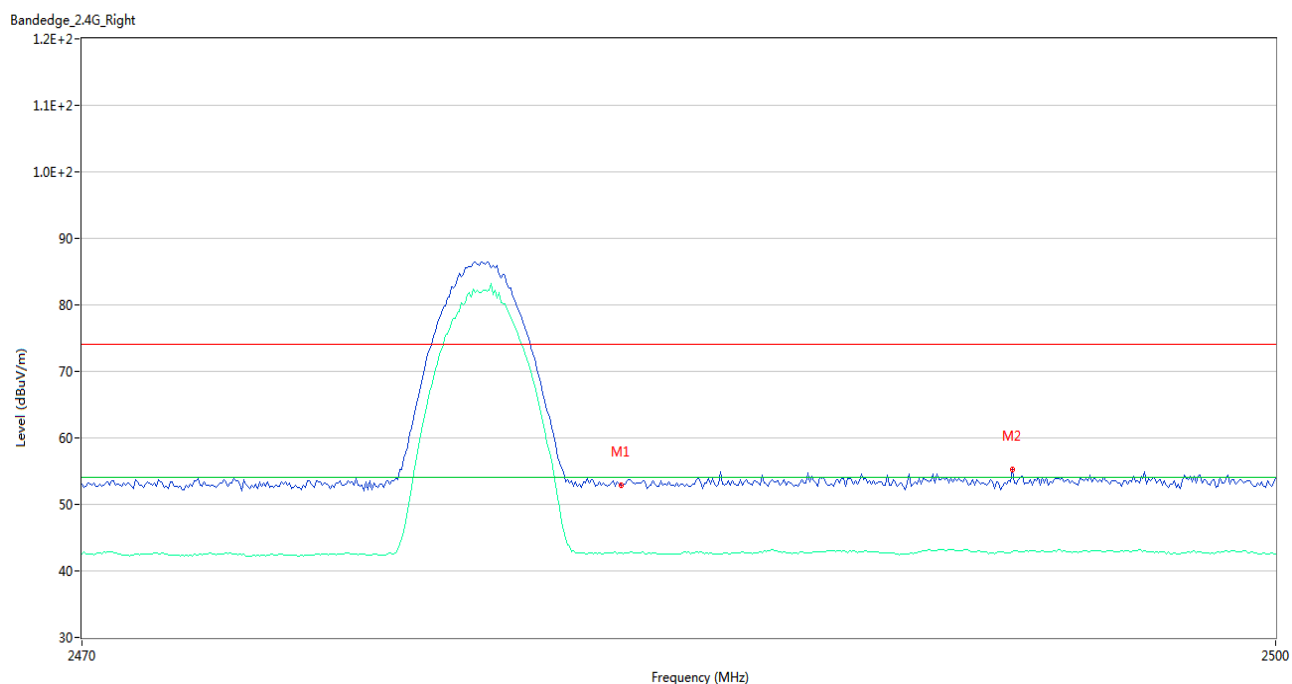
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	53.49	74.0	20.51	Peak	26.00	100	Horizontal	Pass
1**	2483.550	42.69	54.0	11.31	AV	26.00	100	Horizontal	Pass
2	2497.800	54.73	74.0	19.27	Peak	171.00	100	Horizontal	Pass
2**	2497.800	42.81	54.0	11.19	AV	171.00	100	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2313.667	54.79	74.0	19.21	Peak	70.00	100	Horizontal	Pass
1**	2313.667	42.61	54.0	11.39	AV	70.00	100	Horizontal	Pass
2	2389.833	53.34	74.0	20.66	Peak	132.00	100	Horizontal	Pass
2**	2389.833	42.24	54.0	11.76	AV	132.00	100	Horizontal	Pass

8-DPSK HIGH CHANNEL

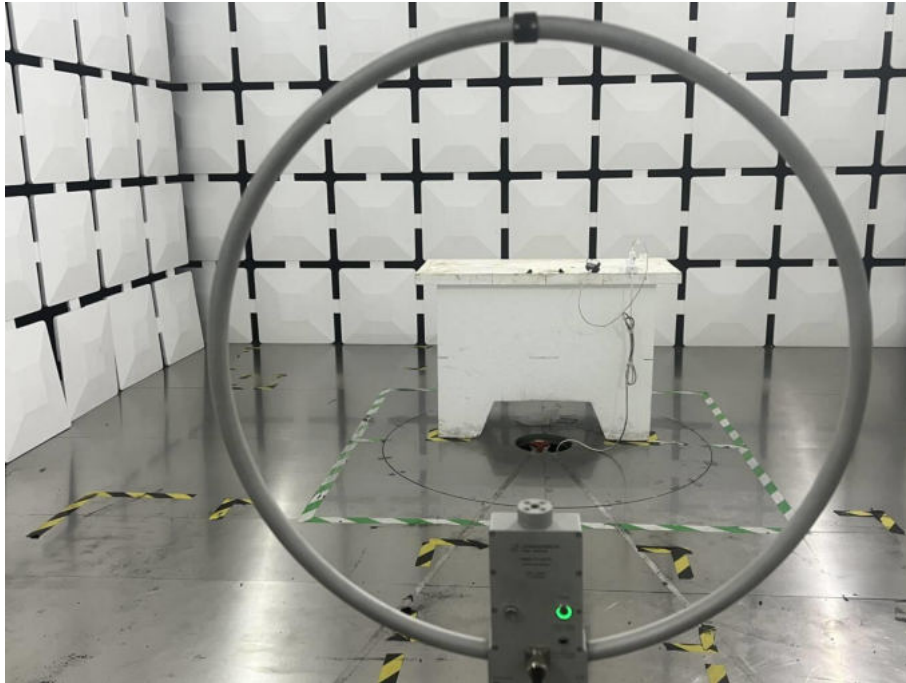


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.94	74.0	21.06	Peak	315.00	200	Horizontal	Pass
1**	2483.500	42.72	54.0	11.28	AV	315.00	200	Horizontal	Pass
2	2493.350	55.29	74.0	18.71	Peak	167.00	200	Horizontal	Pass
2**	2493.350	42.93	54.0	11.07	AV	167.00	200	Horizontal	Pass

ANNEX A TEST SETUP PHOTOS

1 Radiated Test Photo

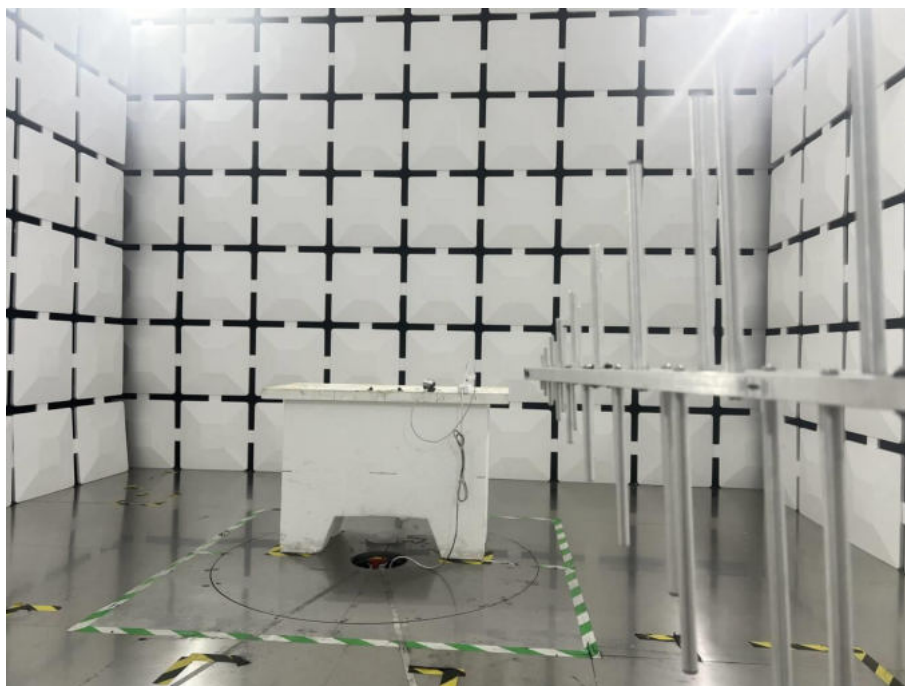
Below 30MHz



Close-up



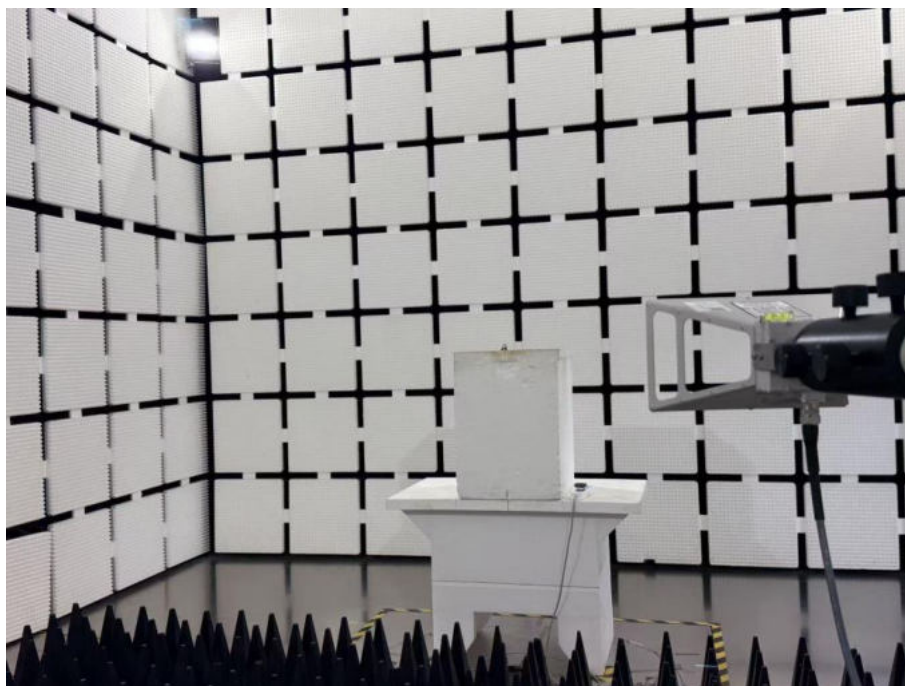
30MHz-1GHz



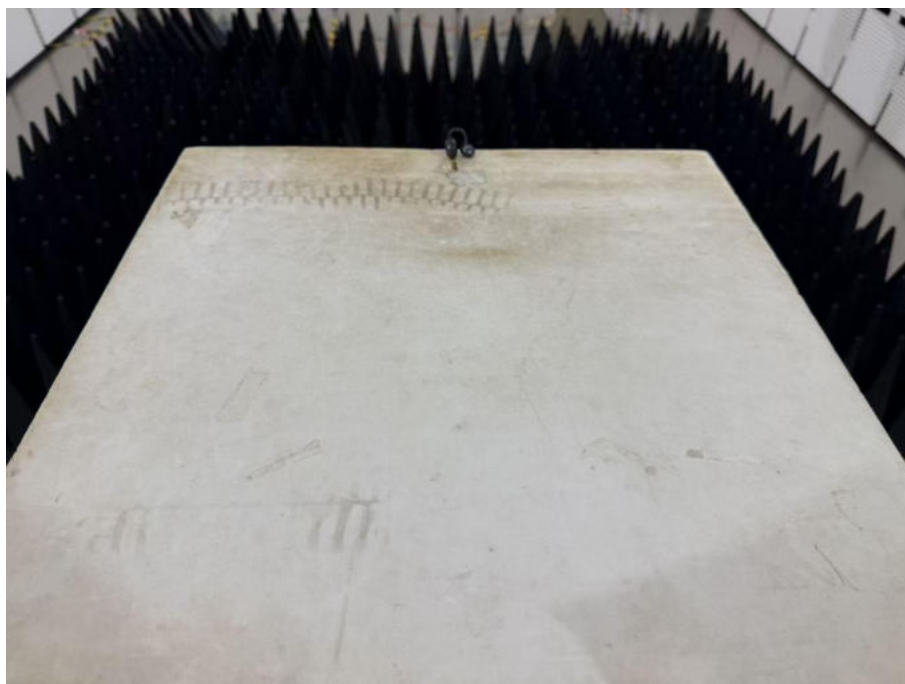
Close-up



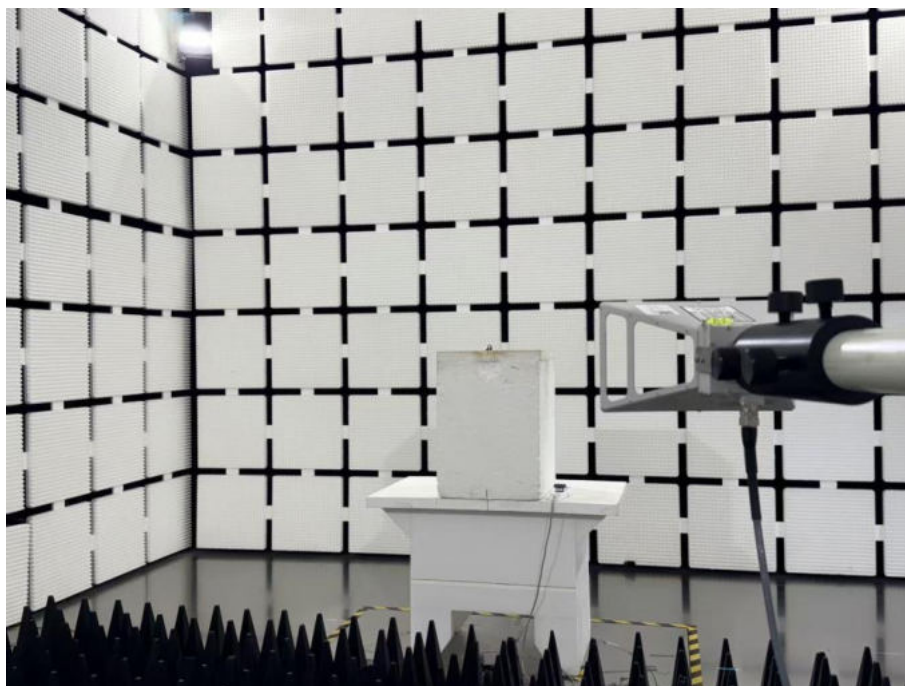
Above 1GHz-Left Ear



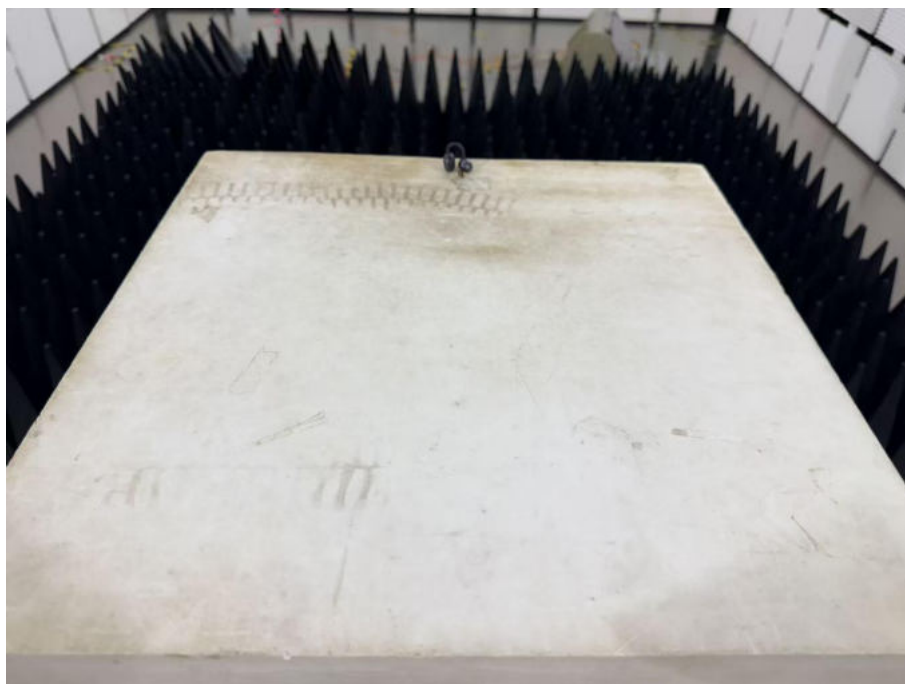
Close-up-Left Ear



Above 1GHz-Right Ear



Close-up-Right Ear



2 Conducted Test Photo

Conducted Test-Left Ear

Close-up-Left Ear

Conducted Test-Right Ear

Close-up-Right Ear

3 Conducted Emission

Photo 1



Photo 2



ANNEX B EUT EXTERNAL PHOTOS

FRONT VIEW OF EUT



REAR VIEW OF EUT



LEFT VIEW OF EUT



RIGHT VIEW OF EUT



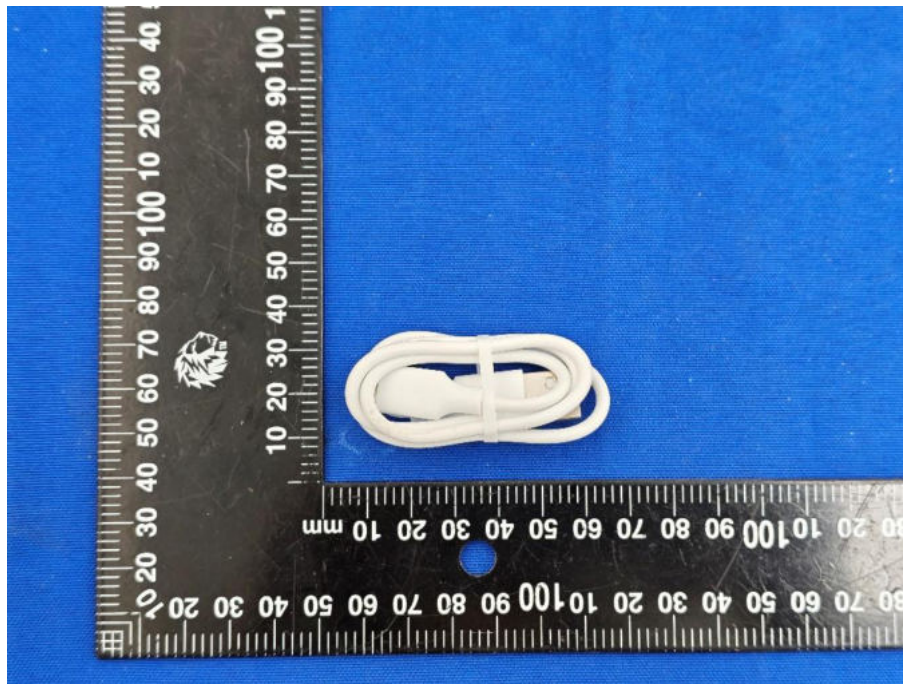
TOP VIEW OF EUT



BOTTOM VIEW OF EUT

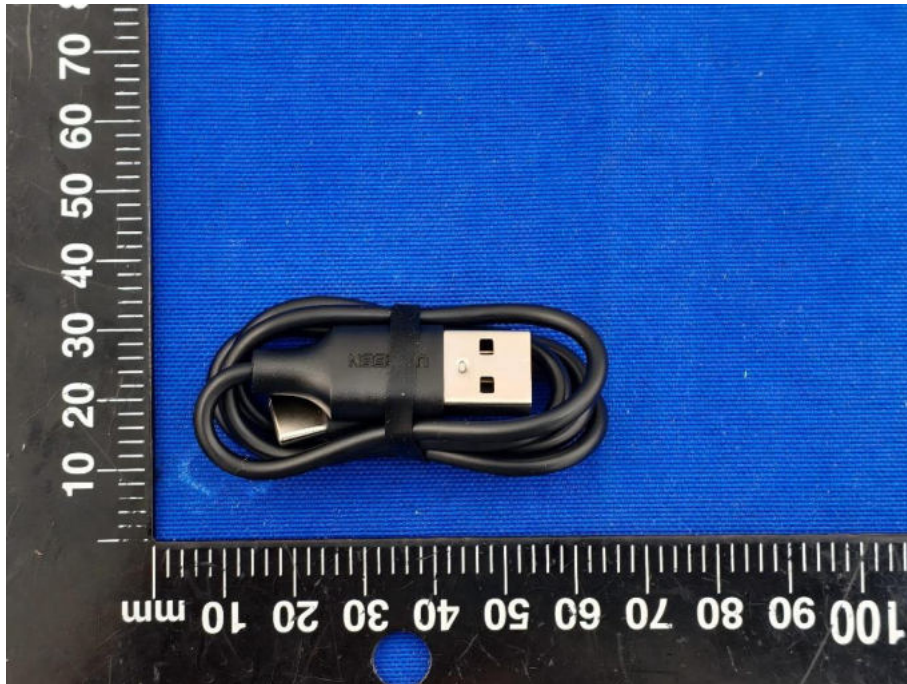


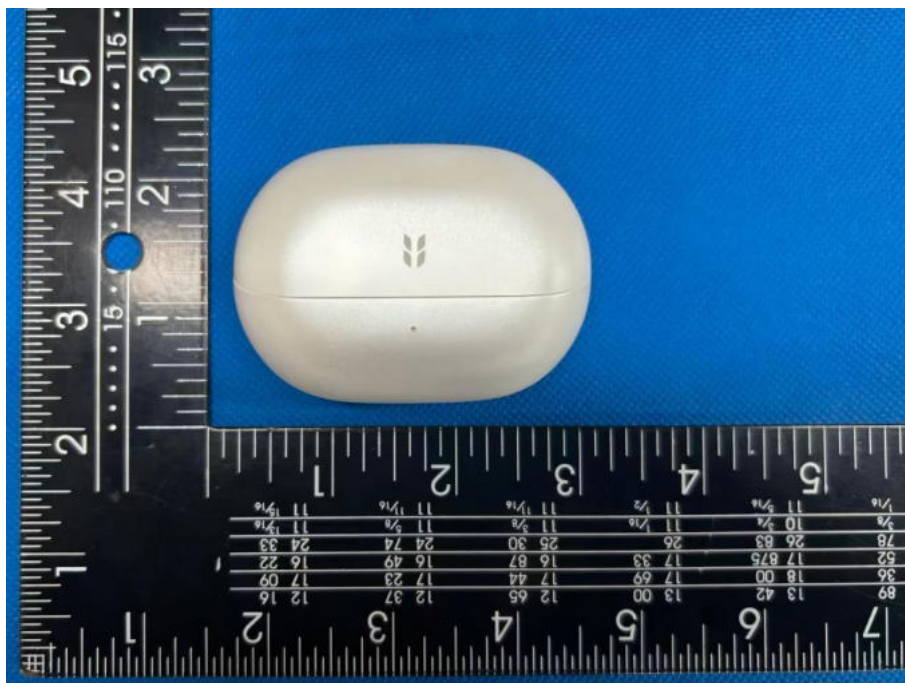
Accessory- Cable



Accessory- Charging Case

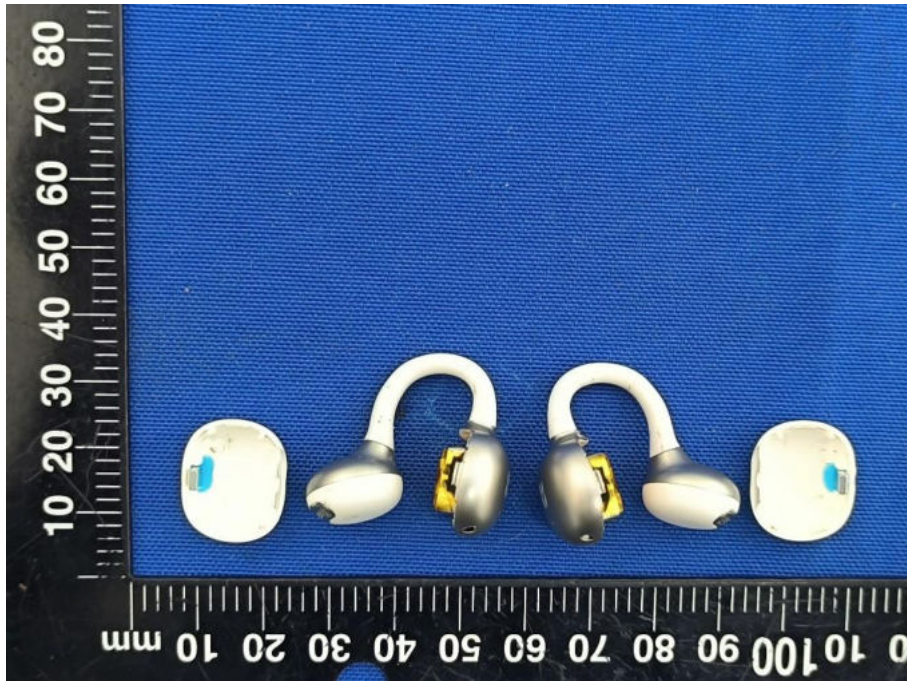




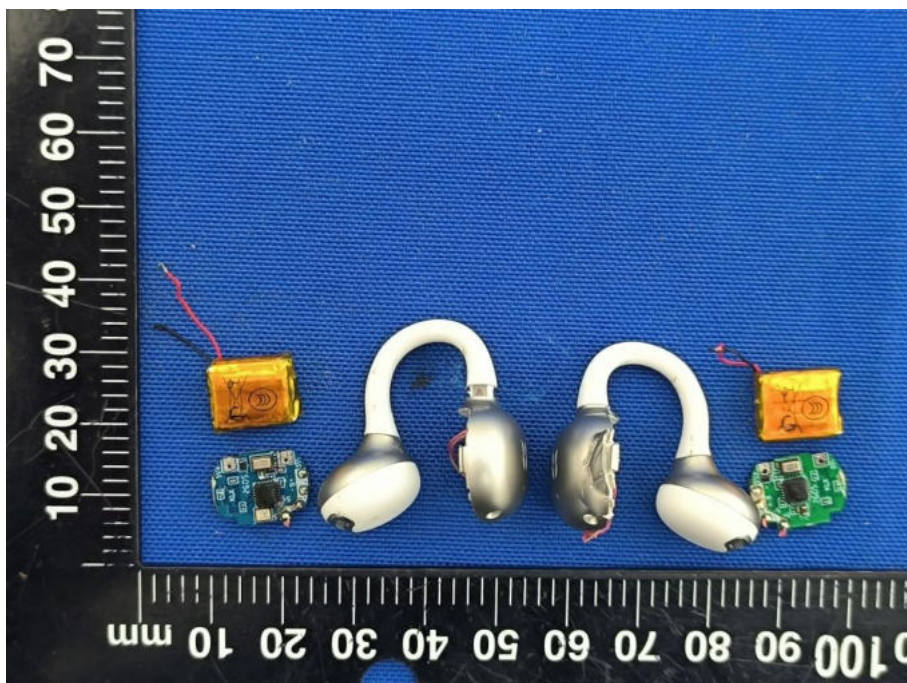


ANNEX C EUT INTERNAL PHOTOS

EUT UNCOVER VIEW 1



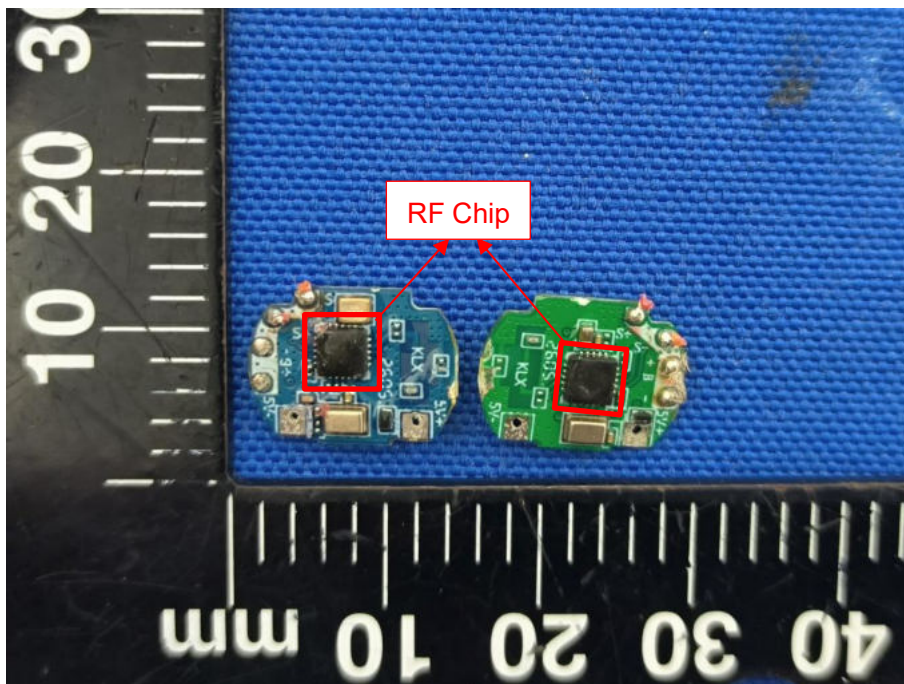
EUT UNCOVER VIEW 2



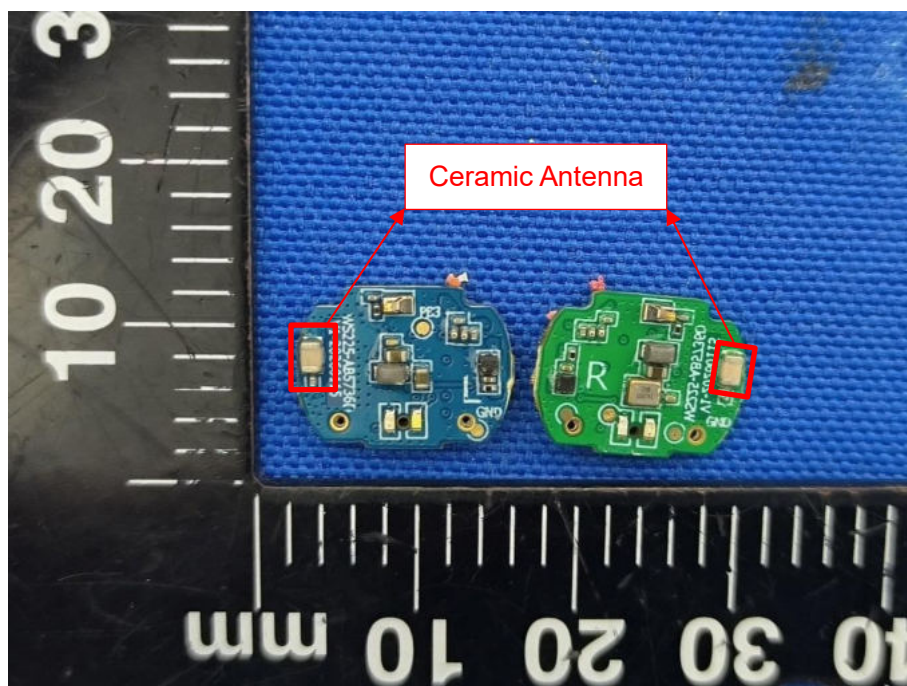
EUT UNCOVER VIEW 3



MAIN BOARD TOP VIEW



MAIN BOARD REAR VIEW



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--END OF REPORT--