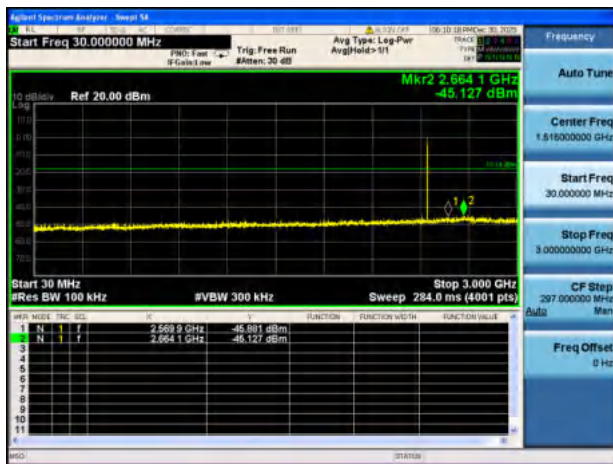
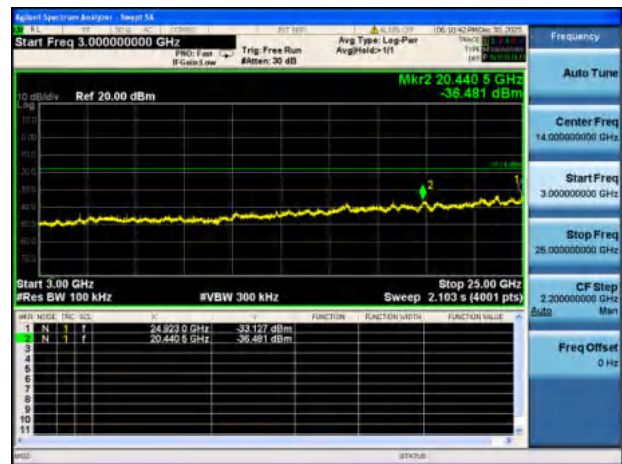


8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



8-DPSK HIGH CHANNEL, CARRIER LEVEL



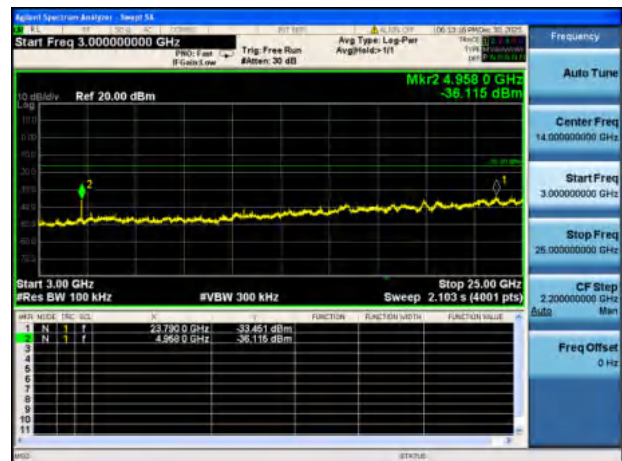
8-DPSK HIGH CHANNEL, BAND EDGE



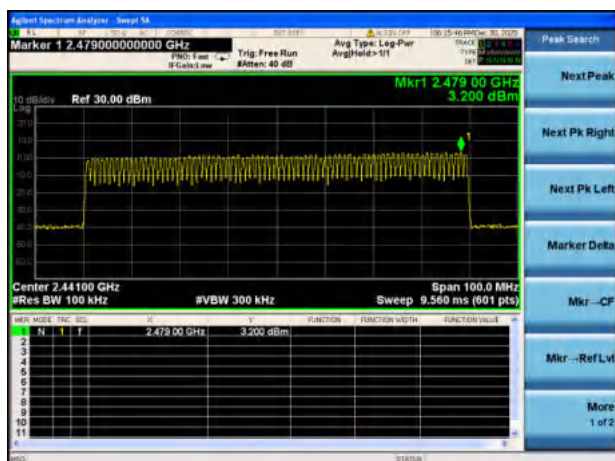
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



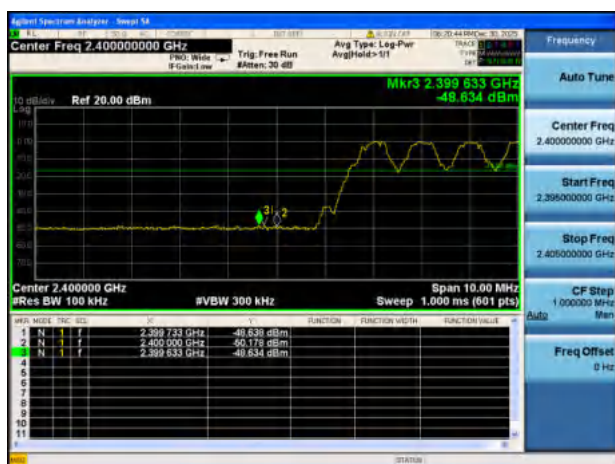
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



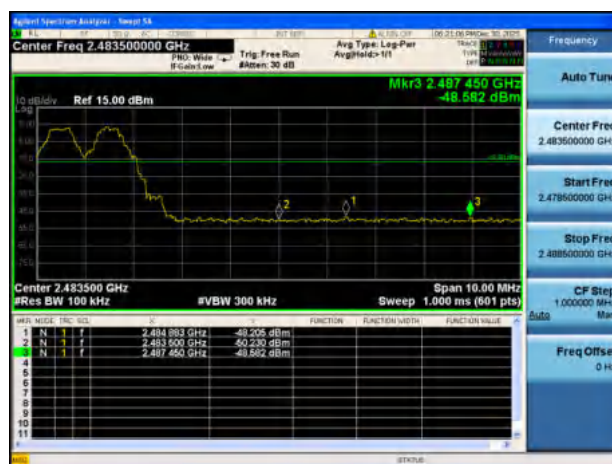
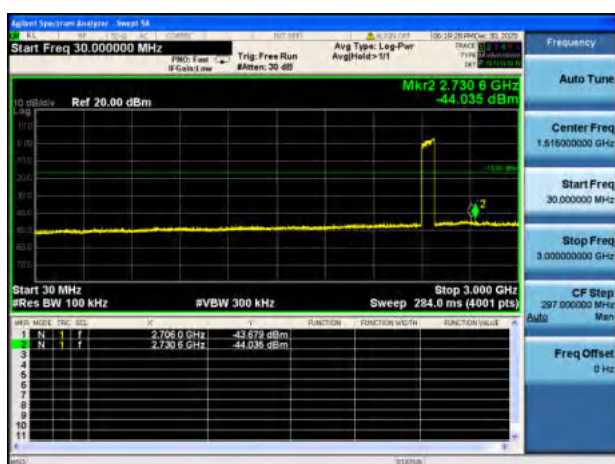
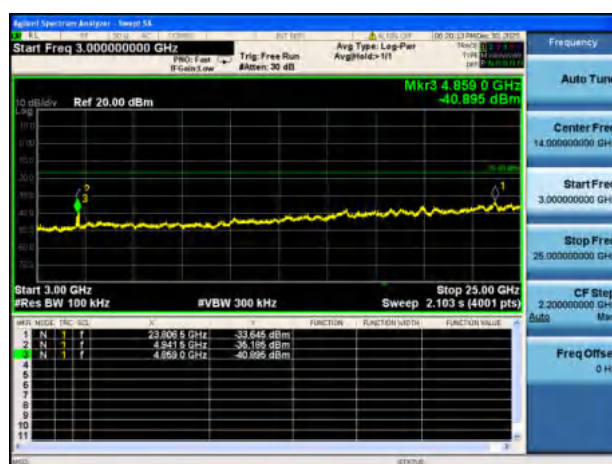
GFSK HOPPING, CARRIER LEVEL



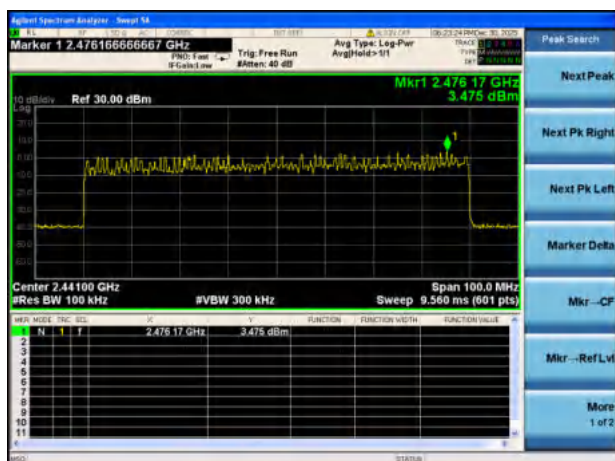
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

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

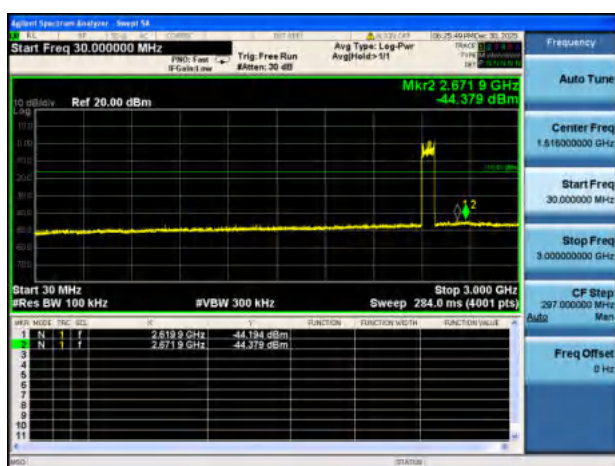
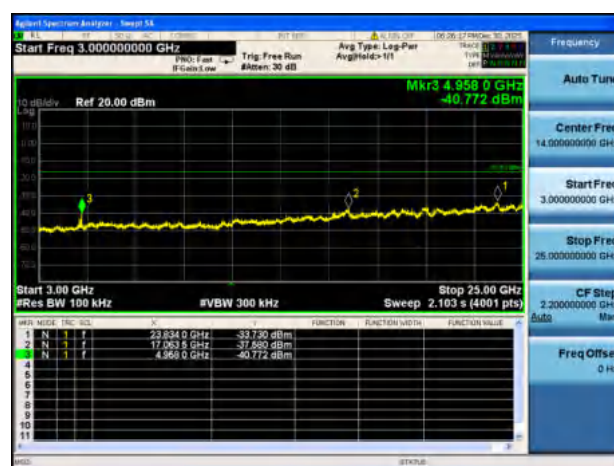
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

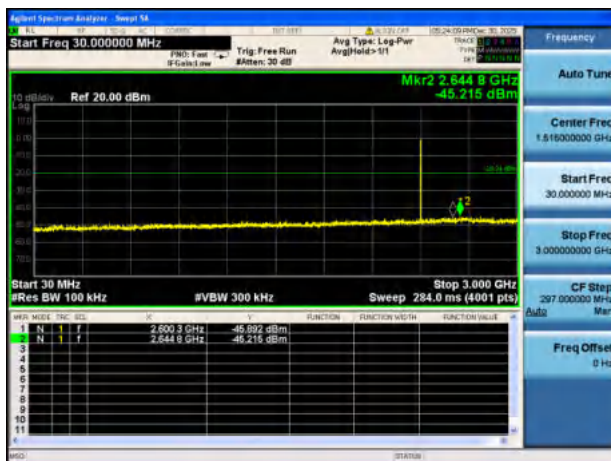
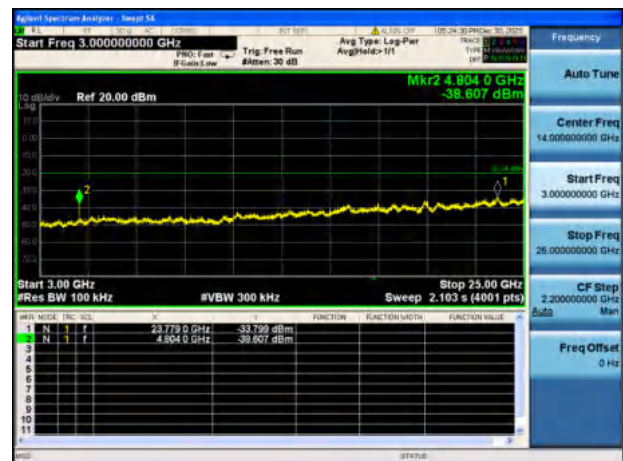
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

Right Ear

GFSK LOW CHANNEL, CARRIER LEVEL



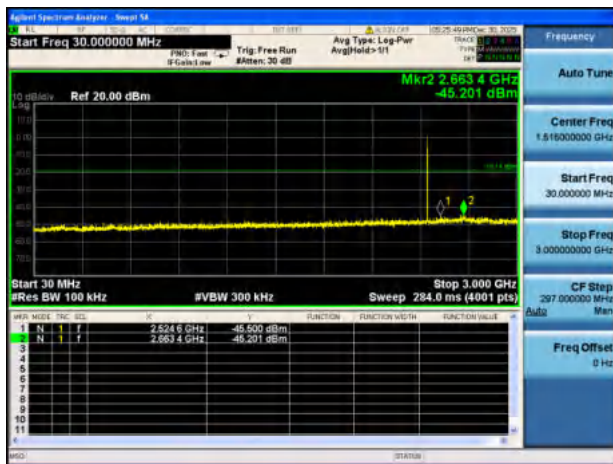
GFSK LOW CHANNEL, BAND EDGE

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

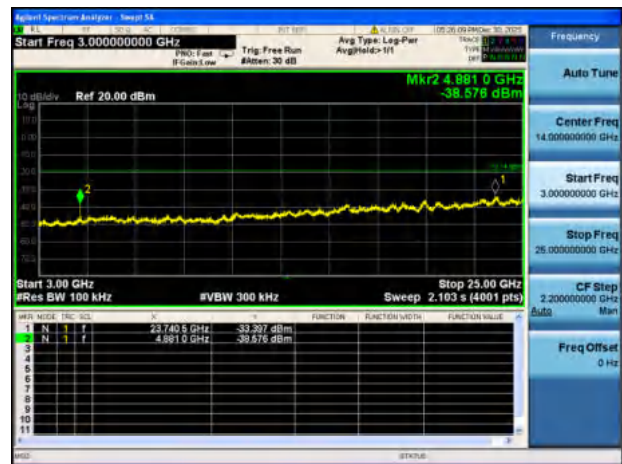
GFSK MIDDLE CHANNEL, CARRIER LEVEL



GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



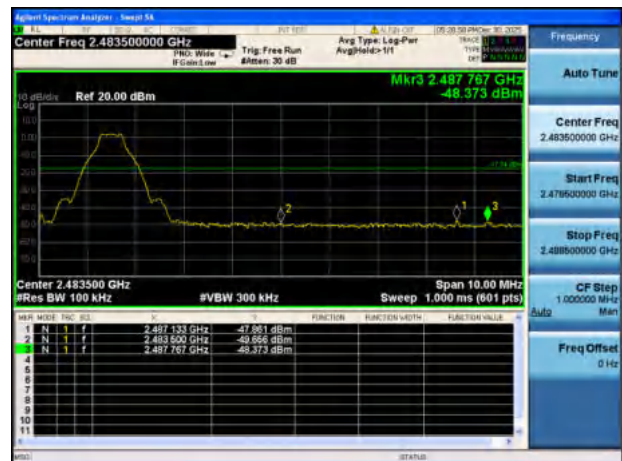
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



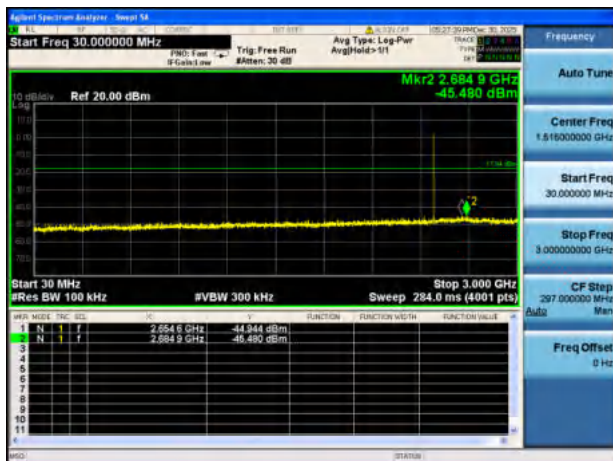
GFSK HIGH CHANNEL, CARRIER LEVEL



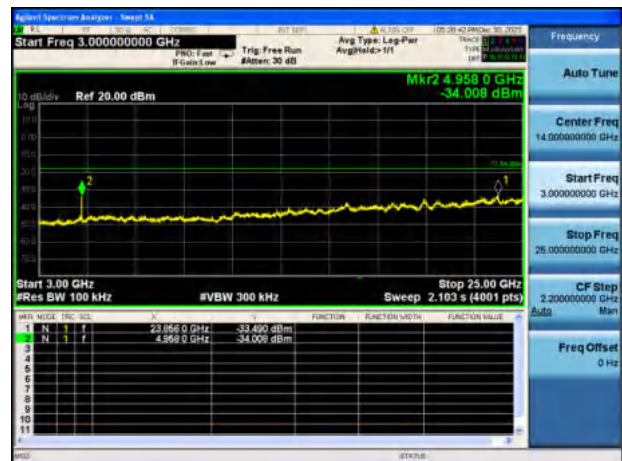
GFSK HIGH CHANNEL, BAND EDGE



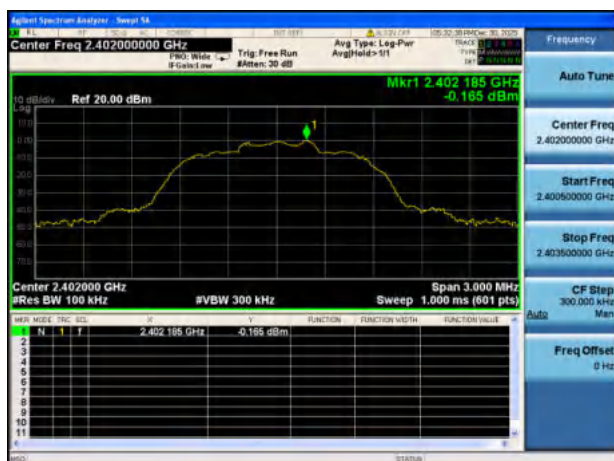
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



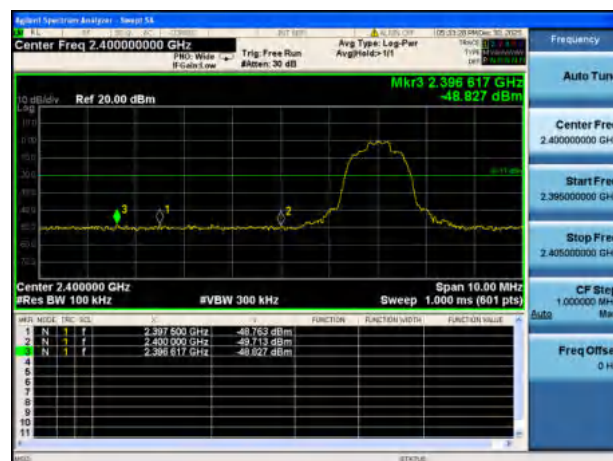
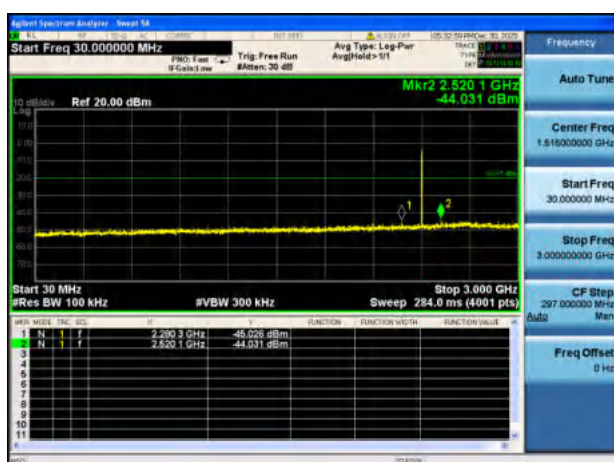
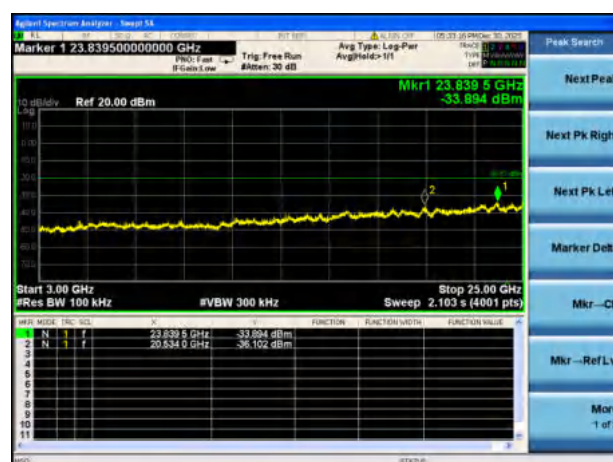
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL



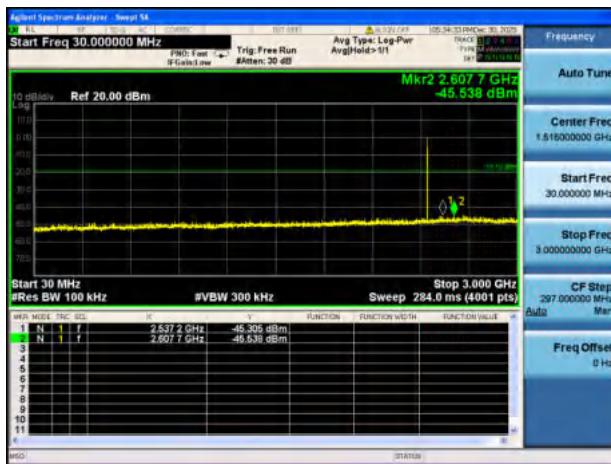
8-DPSK LOW CHANNEL, BAND EDGE

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

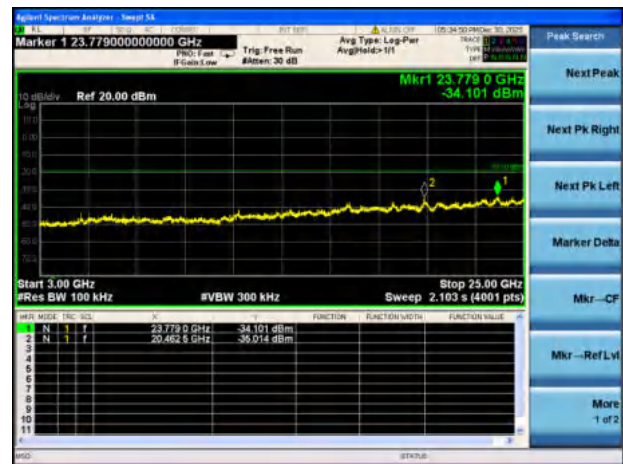
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



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



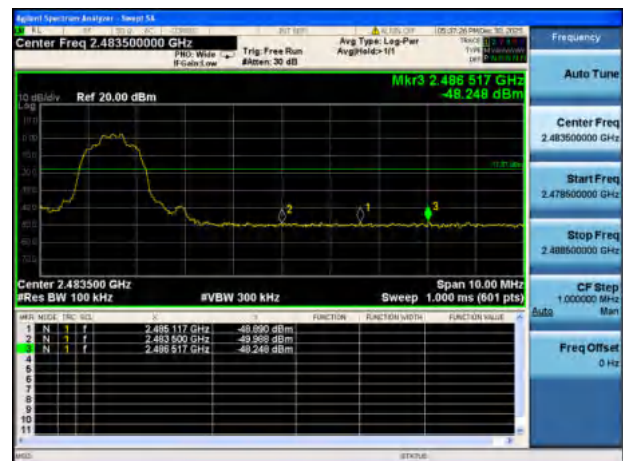
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



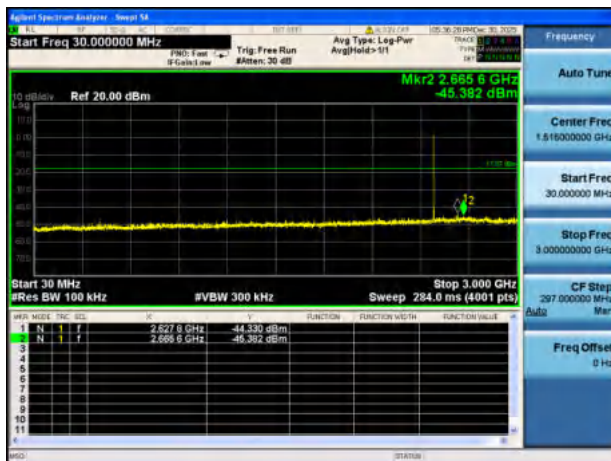
8-DPSK HIGH CHANNEL, CARRIER LEVEL



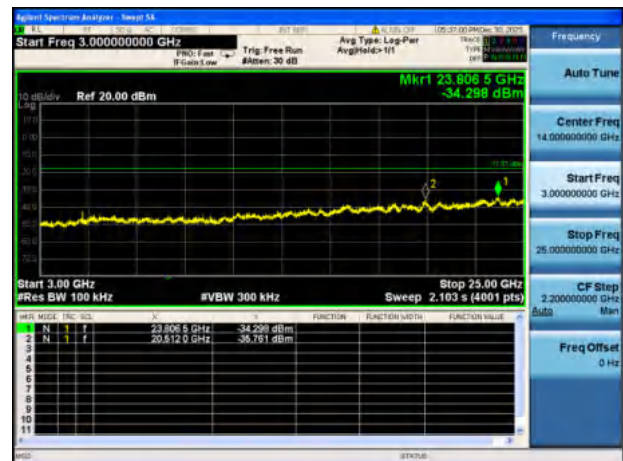
8-DPSK HIGH CHANNEL, BAND EDGE



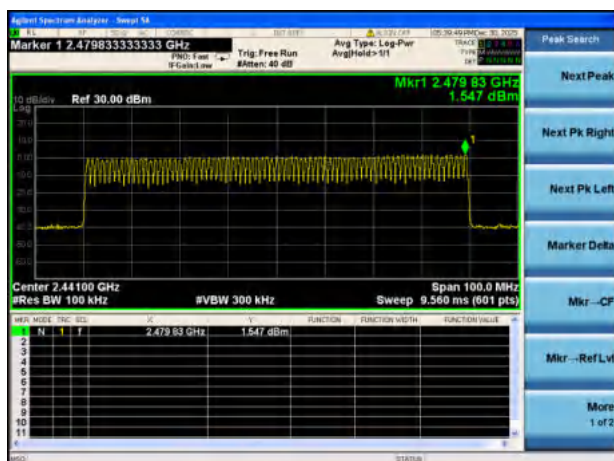
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



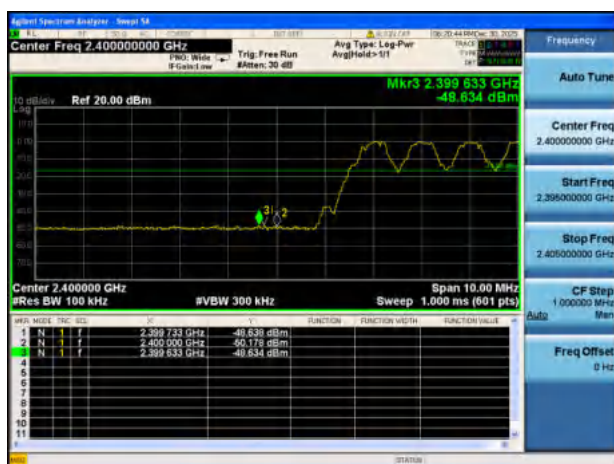
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



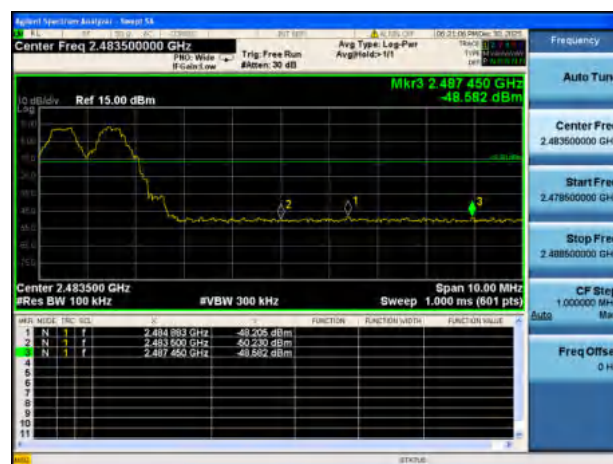
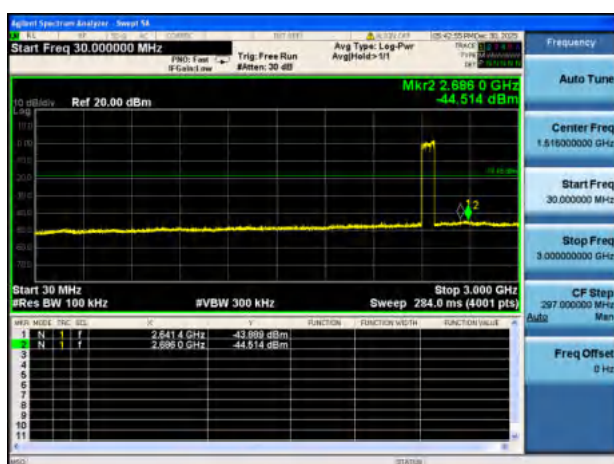
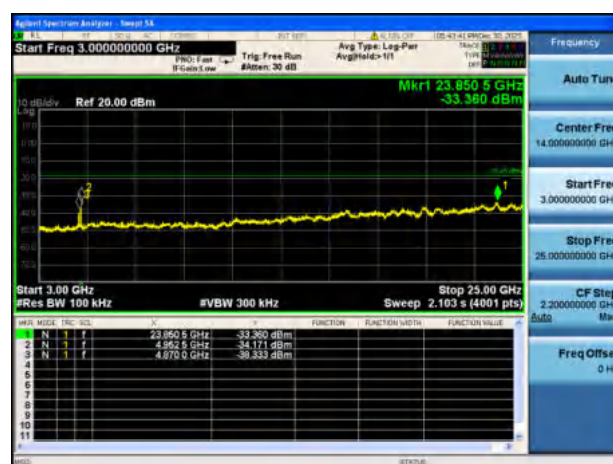
GFSK HOPPING, CARRIER LEVEL



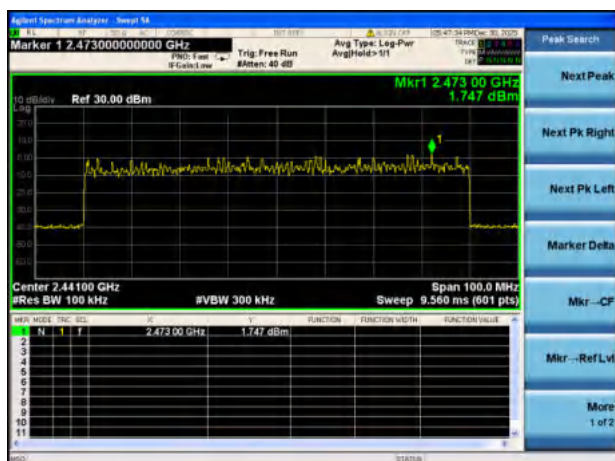
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

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

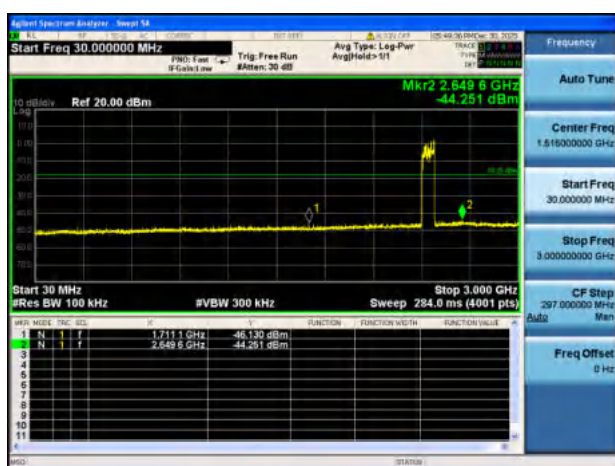
8-DPSK HOPPING, CARRIER LEVEL



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.

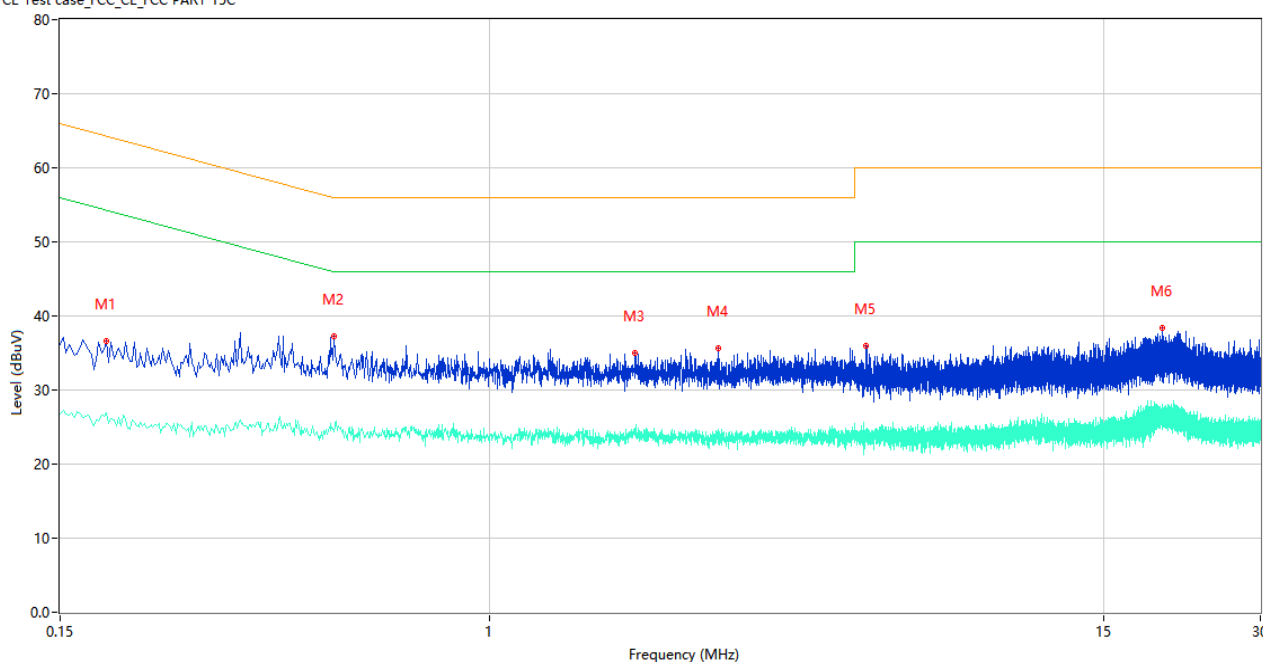
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

Left Ear

PHASE L

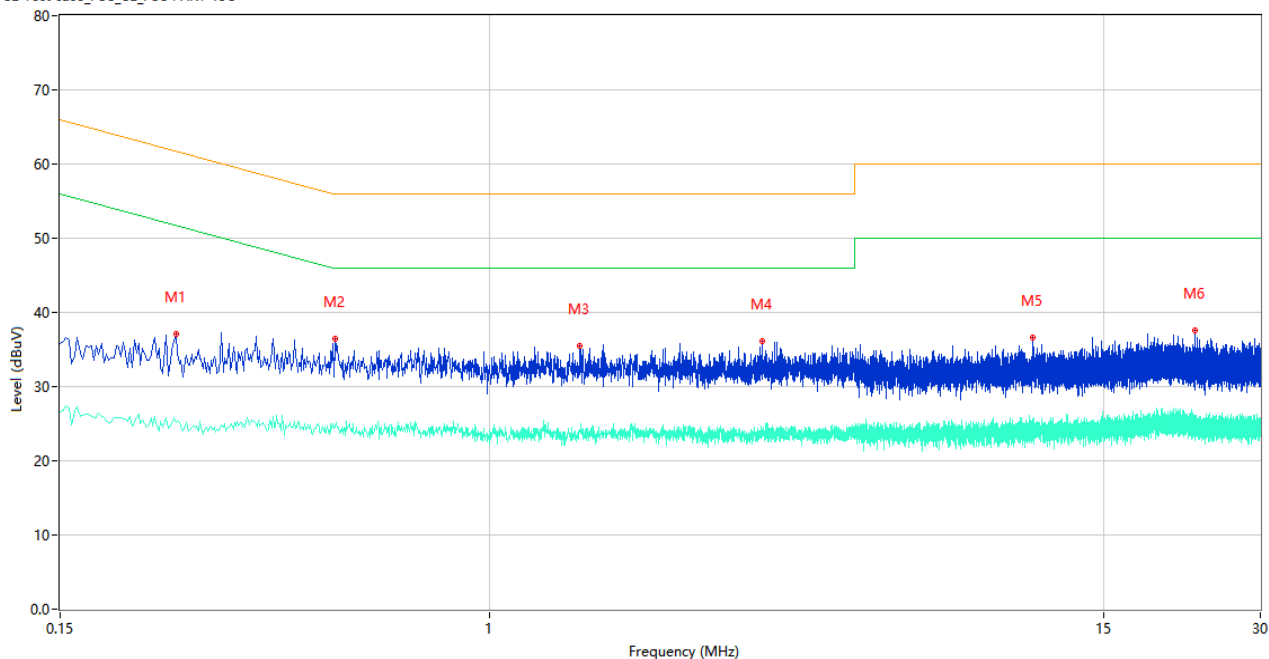
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	36.59	9.84	64.30	27.71	Peak	L	Pass
1**	0.184	26.99	9.84	54.30	27.31	AV	L	Pass
2	0.502	37.21	10.04	56.00	18.79	Peak	L	Pass
2**	0.502	24.32	10.04	46.00	21.68	AV	L	Pass
3	1.898	34.97	10.81	56.00	21.03	Peak	L	Pass
3**	1.898	24.09	10.81	46.00	21.91	AV	L	Pass
4	2.744	35.70	10.22	56.00	20.30	Peak	L	Pass
4**	2.744	24.60	10.22	46.00	21.40	AV	L	Pass
5	5.262	36.03	10.52	60.00	23.97	Peak	L	Pass
5**	5.262	24.15	10.52	50.00	25.85	AV	L	Pass
6	19.502	38.44	10.90	60.00	21.56	Peak	L	Pass
6**	19.502	26.86	10.90	50.00	23.14	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

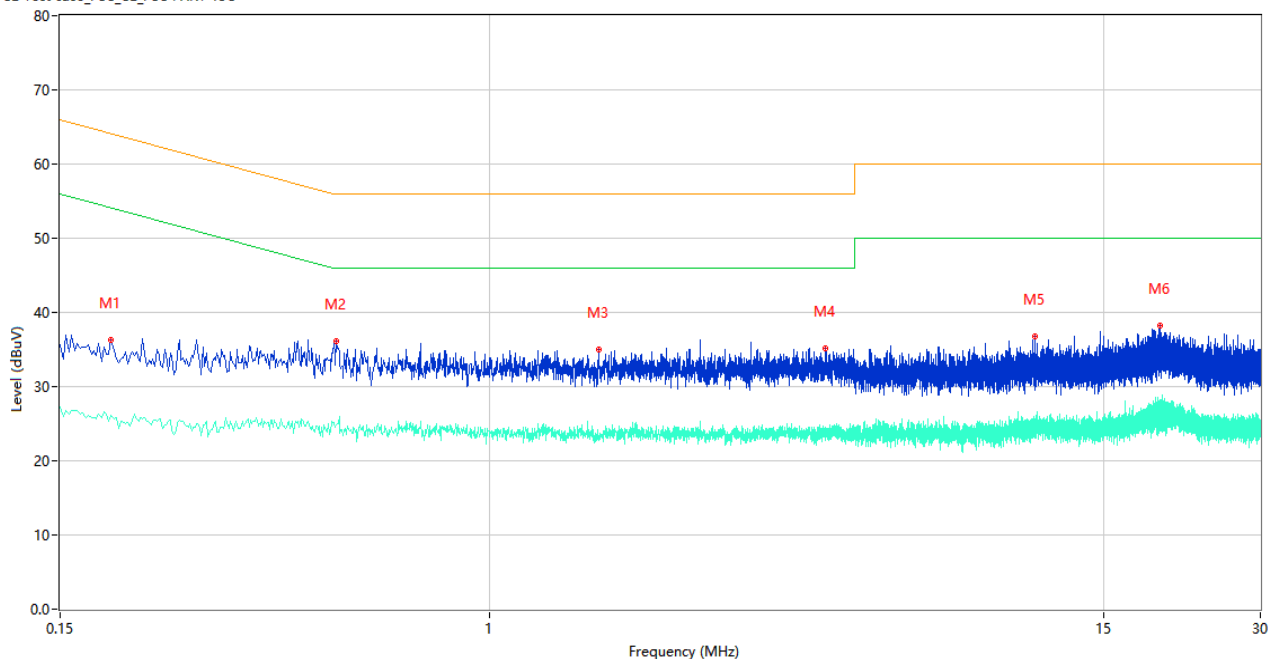


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.250	37.05	9.82	61.76	24.71	Peak	N	Pass
1**	0.250	25.21	9.82	51.76	26.55	AV	N	Pass
2	0.504	36.39	10.04	56.00	19.61	Peak	N	Pass
2**	0.504	24.57	10.04	46.00	21.43	AV	N	Pass
3	1.490	35.51	10.29	56.00	20.49	Peak	N	Pass
3**	1.490	24.08	10.29	46.00	21.92	AV	N	Pass
4	3.332	36.15	10.46	56.00	19.85	Peak	N	Pass
4**	3.332	23.68	10.46	46.00	22.32	AV	N	Pass
5	10.972	36.61	10.72	60.00	23.39	Peak	N	Pass
5**	10.972	24.75	10.72	50.00	25.25	AV	N	Pass
6	22.514	37.59	11.22	60.00	22.41	Peak	N	Pass
6**	22.514	25.03	11.22	50.00	24.97	AV	N	Pass

Right Ear

PHASE L

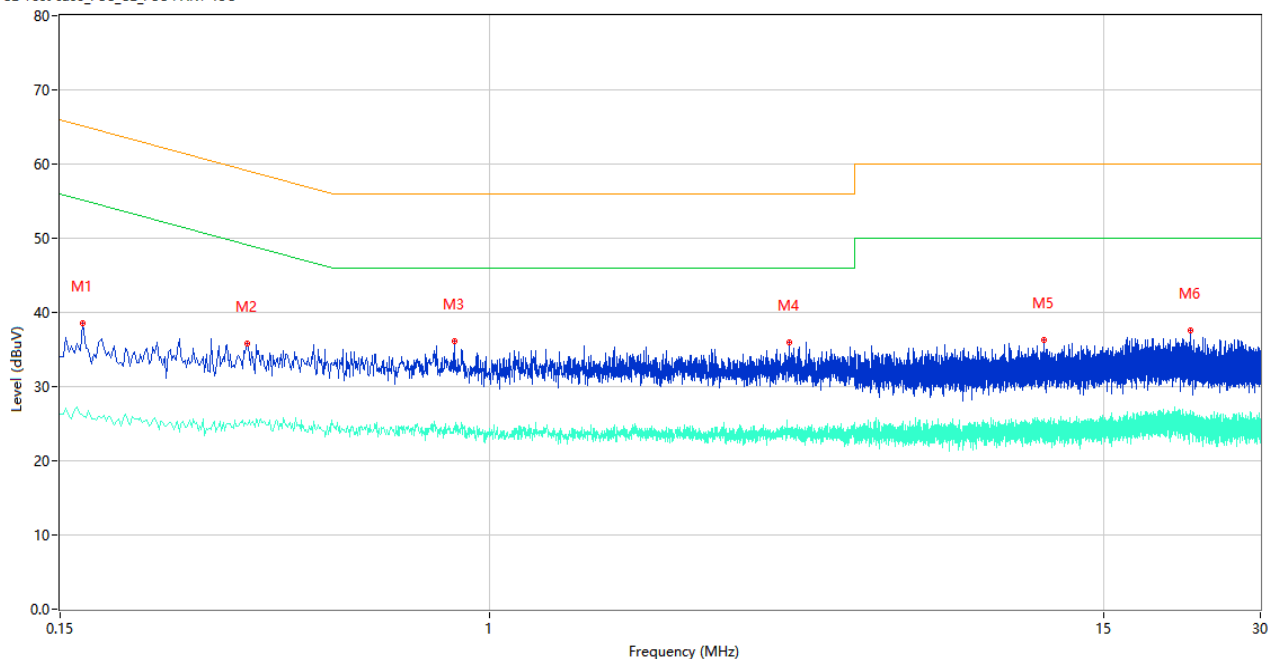
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.188	36.33	9.84	64.12	27.79	Peak	L	Pass
1**	0.188	26.16	9.84	54.12	27.96	AV	L	Pass
2	0.508	36.14	10.05	56.00	19.86	Peak	L	Pass
2**	0.508	24.89	10.05	46.00	21.11	AV	L	Pass
3	1.614	35.05	9.94	56.00	20.95	Peak	L	Pass
3**	1.614	23.34	9.94	46.00	22.66	AV	L	Pass
4	4.396	35.08	10.46	56.00	20.92	Peak	L	Pass
4**	4.396	23.68	10.46	46.00	22.32	AV	L	Pass
5	11.096	36.70	10.63	60.00	23.30	Peak	L	Pass
5**	11.096	25.30	10.63	50.00	24.70	AV	L	Pass
6	19.252	38.21	11.08	60.00	21.79	Peak	L	Pass
6**	19.252	28.20	11.08	50.00	21.80	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	0.166	38.55	9.85	65.16	26.61	Peak	N	Pass
1**	0.166	26.09	9.85	55.16	29.07	AV	N	Pass
2	0.342	35.88	10.66	59.15	23.27	Peak	N	Pass
2**	0.342	24.85	10.66	49.15	24.30	AV	N	Pass
3	0.854	36.17	10.64	56.00	19.83	Peak	N	Pass
3**	0.854	24.47	10.64	46.00	21.53	AV	N	Pass
4	3.752	35.95	10.49	56.00	20.05	Peak	N	Pass
4**	3.752	24.07	10.49	46.00	21.93	AV	N	Pass
5	11.564	36.32	10.64	60.00	23.68	Peak	N	Pass
5**	11.564	24.02	10.64	50.00	25.98	AV	N	Pass
6	22.024	37.54	11.18	60.00	22.46	Peak	N	Pass
6**	22.024	25.15	11.18	50.00	24.85	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*log[Field Strength (μV/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

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements

for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.

- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz 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

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)

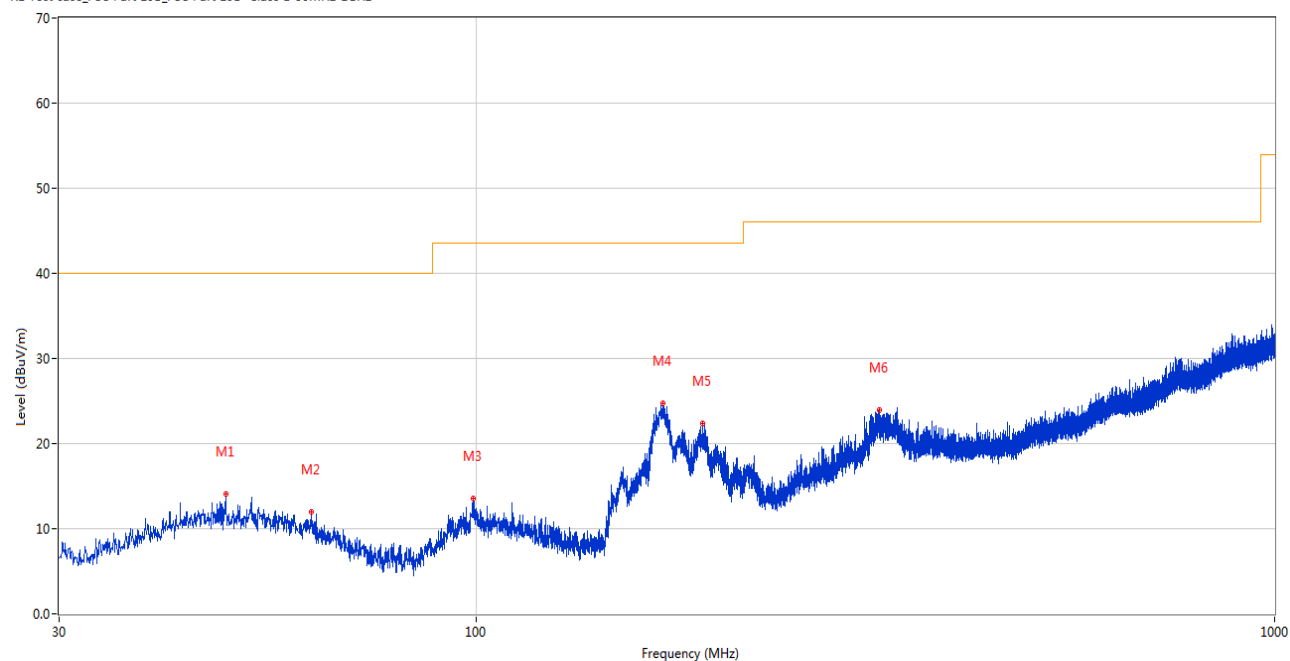
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

Left Ear

30 MHz to 1 GHz, ANT H

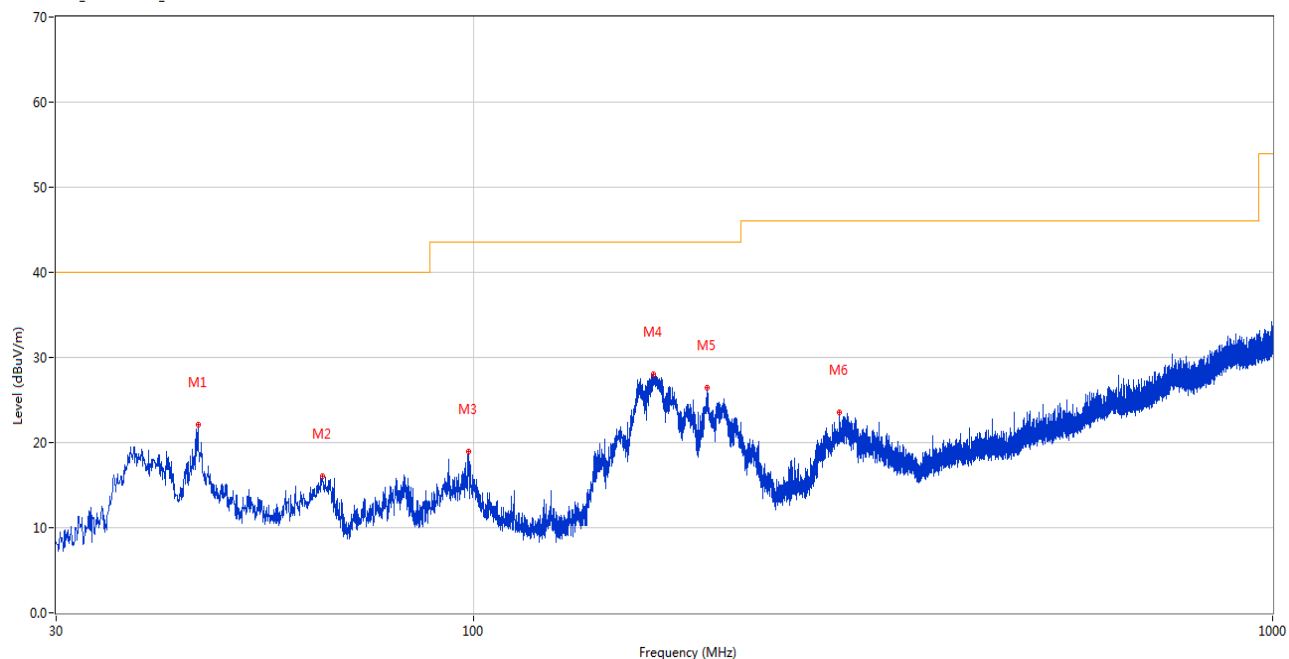
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.478	14.11	-24.19	40.0	25.89	Peak	53.70	100	Horizontal	Pass
2	62.059	11.92	-25.73	40.0	28.08	Peak	358.70	100	Horizontal	Pass
3	98.967	13.49	-25.54	43.5	30.01	Peak	360.00	100	Horizontal	Pass
4	171.474	24.70	-26.91	43.5	18.80	Peak	317.50	100	Horizontal	Pass
5	192.281	22.35	-24.85	43.5	21.15	Peak	100.70	100	Horizontal	Pass
6	319.933	23.94	-20.98	46.0	22.06	Peak	20.80	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz

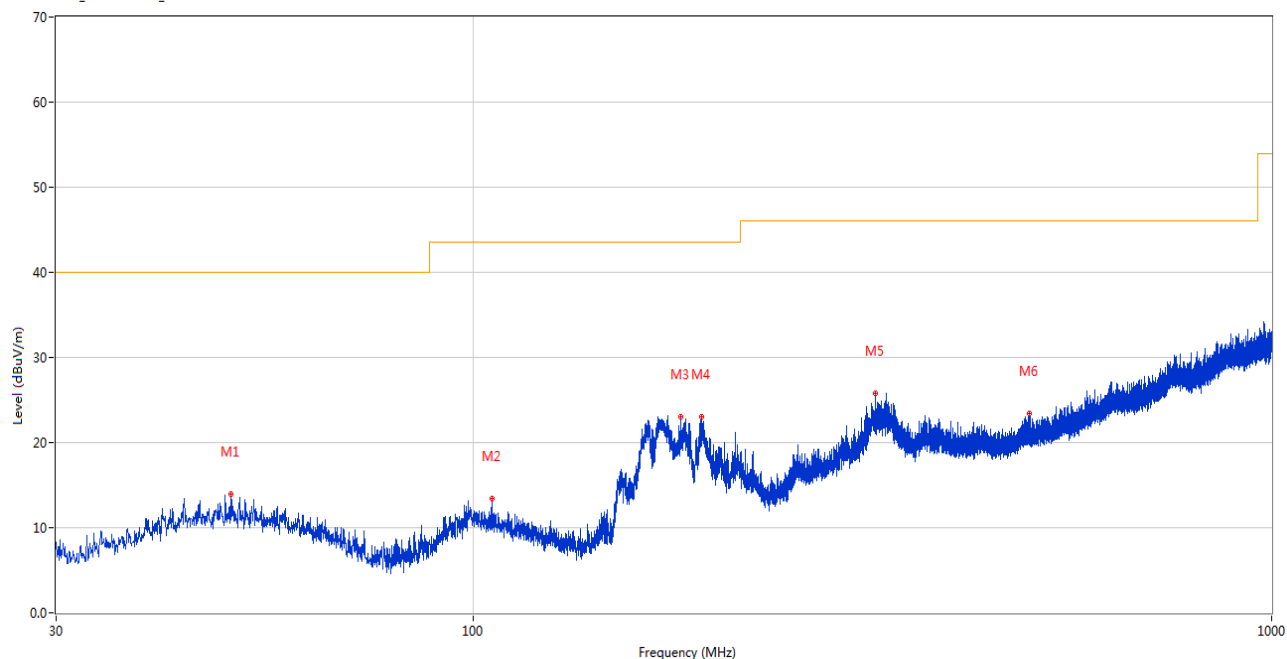


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.132	22.05	-24.39	40.0	17.95	Peak	59.20	100	Vertical	Pass
2	64.677	16.12	-26.53	40.0	23.88	Peak	0.00	100	Vertical	Pass
3	98.385	18.94	-25.87	43.5	24.56	Peak	59.20	100	Vertical	Pass
4	167.982	28.06	-27.14	43.5	15.44	Peak	360.00	100	Vertical	Pass
5	196.064	26.49	-24.20	43.5	17.01	Peak	348.20	100	Vertical	Pass
6	286.953	23.57	-21.84	46.0	22.43	Peak	302.50	100	Vertical	Pass

Right Ear

30 MHz to 1 GHz, ANT H

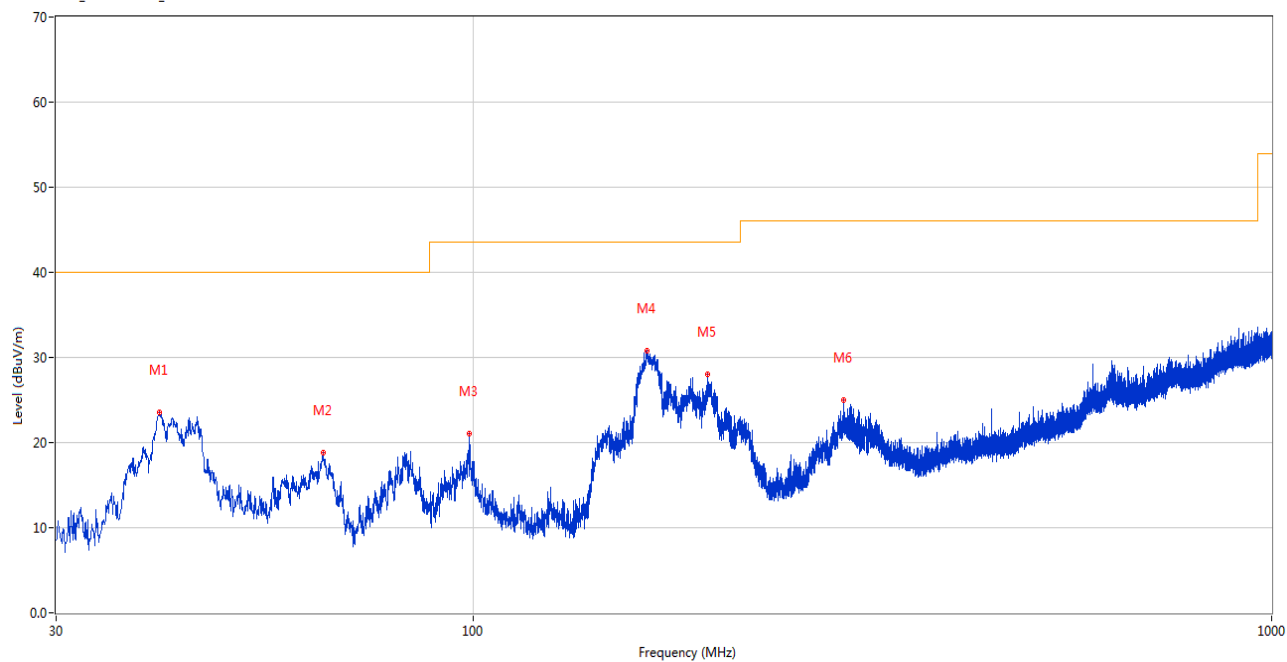
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.739	13.98	-24.12	40.0	26.02	Peak	22.40	100	Horizontal	Pass
2	105.369	13.42	-25.53	43.5	30.08	Peak	283.10	100	Horizontal	Pass
3	181.854	22.96	-26.20	43.5	20.54	Peak	122.20	100	Horizontal	Pass
4	192.863	23.08	-24.73	43.5	20.42	Peak	108.00	100	Horizontal	Pass
5	318.672	25.78	-21.01	46.0	20.22	Peak	22.40	100	Horizontal	Pass
6	496.667	23.38	-15.93	46.0	22.62	Peak	209.10	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.428	23.50	-25.53	40.0	16.50	Peak	40.80	100	Vertical	Pass
2	64.823	18.81	-26.60	40.0	21.19	Peak	347.80	100	Vertical	Pass
3	98.919	21.05	-25.57	43.5	22.45	Peak	338.80	100	Vertical	Pass
4	164.830	30.82	-27.41	43.5	12.68	Peak	327.80	100	Vertical	Pass
5	196.404	28.08	-24.16	43.5	15.42	Peak	313.70	100	Vertical	Pass
6	291.075	25.01	-21.61	46.0	20.99	Peak	269.90	100	Vertical	Pass

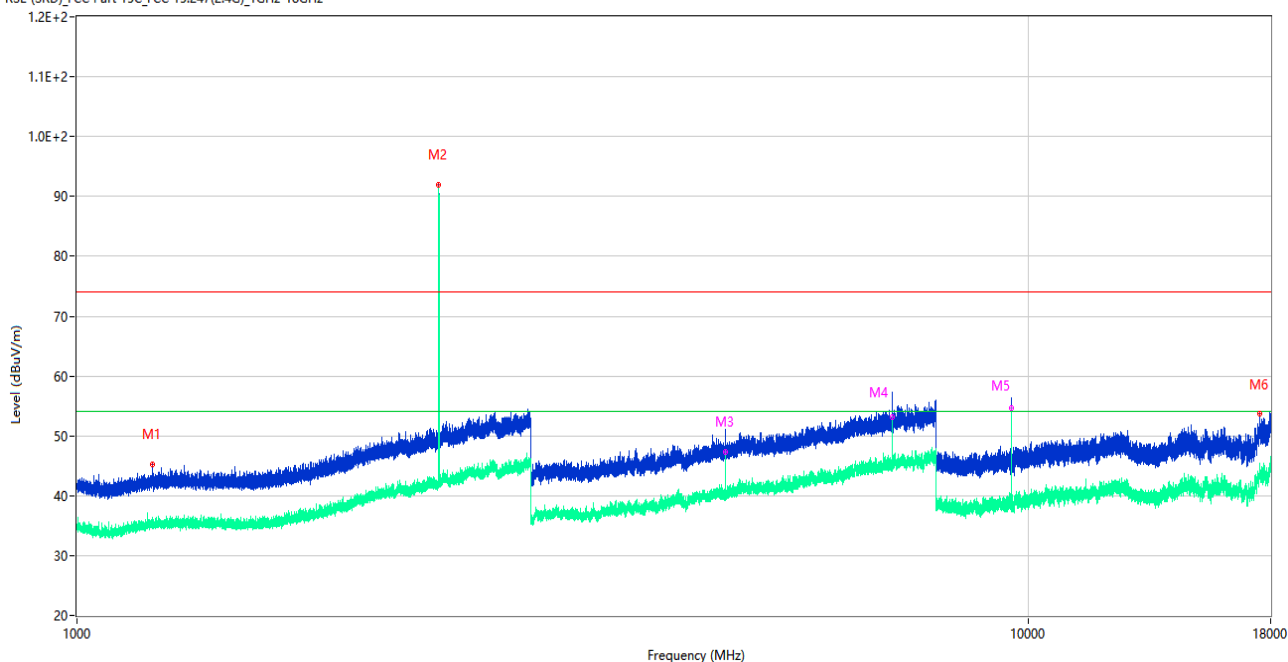
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

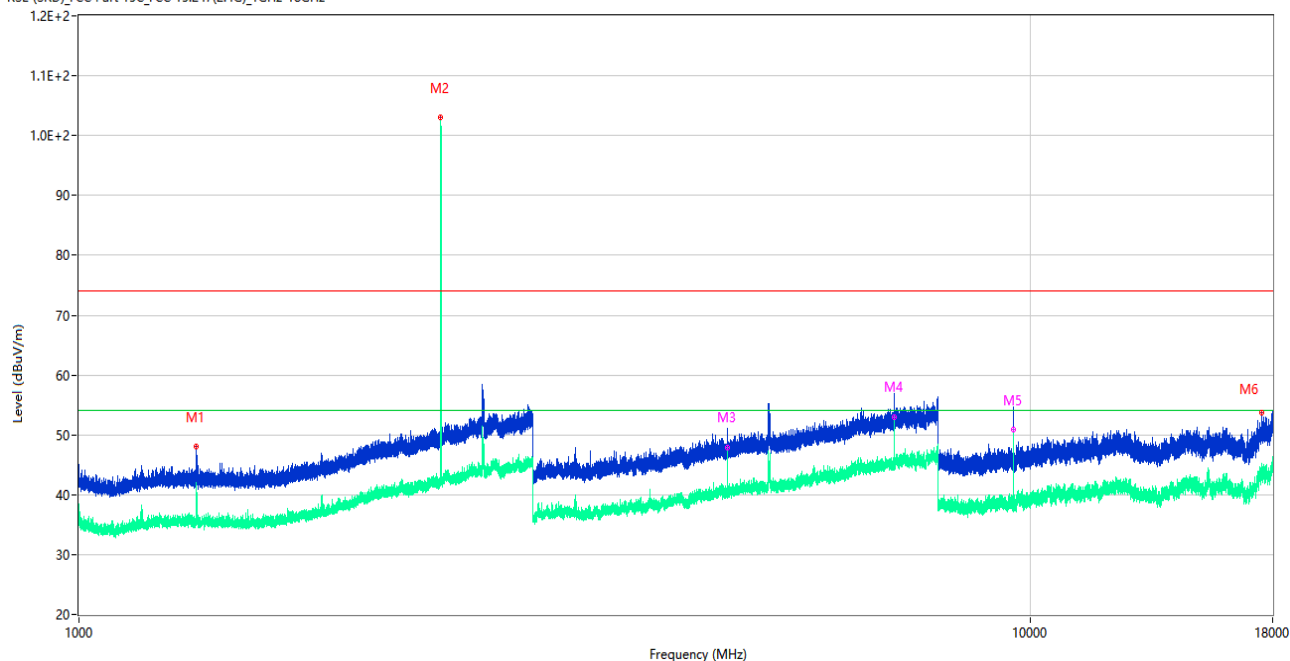
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.700	45.23	74.0	28.77	Peak	286.00	100	Horizontal	Pass
1**	1200.700	34.97	54.0	19.03	AV	286.00	100	Horizontal	Pass
2	2402.100	91.98	74.0	-17.98	Peak	66.00	100	Horizontal	N/A
2**	2402.100	91.75	54.0	-37.75	AV	66.00	100	Horizontal	N/A
3	4804.250	50.83	74.0	23.17	Peak	3.00	150	Horizontal	Pass
3**	4804.250	47.39	54.0	6.61	AV	3.00	150	Horizontal	Pass
4	7206.250	56.15	74.0	17.85	Peak	263.00	150	Horizontal	Pass
4**	7206.250	53.06	--	--	AV	263.00	150	Horizontal	N/A
5	9608.350	56.21	74.0	17.79	Peak	326.00	150	Horizontal	Pass
5**	9608.350	54.74	--	--	AV	326.00	150	Horizontal	N/A
6	17537.475	53.79	74.0	20.21	Peak	93.00	150	Horizontal	Pass
6**	17537.475	44.57	54.0	9.43	AV	93.00	150	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

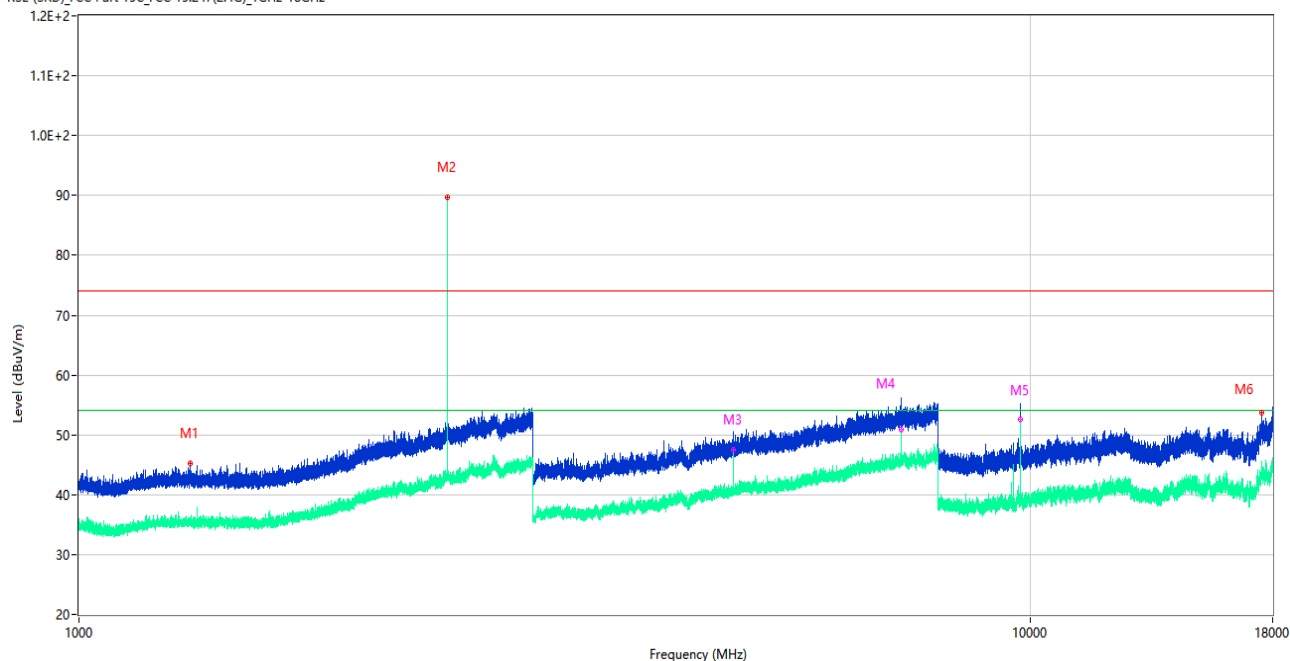
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	47.98	74.0	26.02	Peak	166.00	100	Vertical	Pass
1**	1329.300	36.94	54.0	17.06	AV	166.00	100	Vertical	Pass
2	2402.000	103.02	74.0	-29.02	Peak	137.00	200	Vertical	N/A
2**	2402.000	102.77	54.0	-48.77	AV	137.00	200	Vertical	N/A
3	4804.250	50.88	74.0	23.12	Peak	0.00	150	Vertical	Pass
3**	4804.250	47.89	54.0	6.11	AV	0.00	150	Vertical	Pass
4	7206.250	56.22	74.0	17.78	Peak	345.00	150	Vertical	Pass
4**	7206.250	52.98	--	--	AV	345.00	150	Vertical	N/A
5	9608.350	52.99	74.0	21.01	Peak	65.00	150	Vertical	Pass
5**	9608.350	50.80	--	--	AV	65.00	150	Vertical	N/A
6	17529.864	53.64	74.0	20.36	Peak	351.00	150	Vertical	Pass
6**	17529.864	44.57	54.0	9.43	AV	351.00	150	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

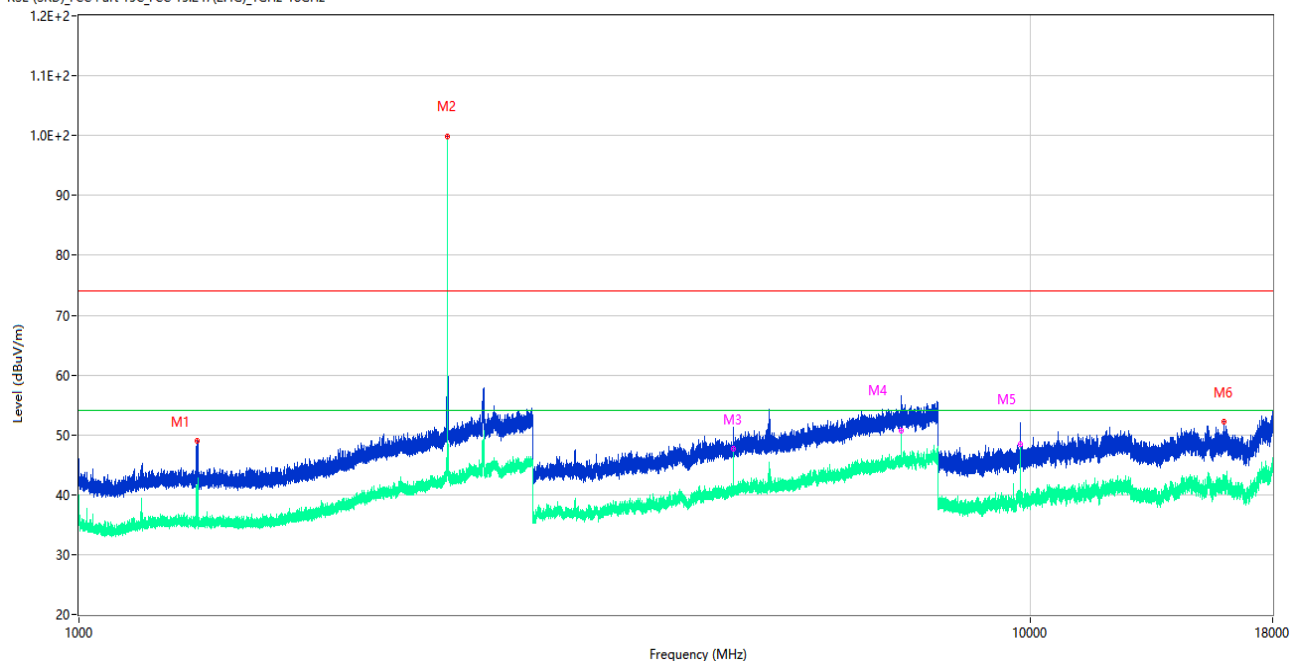
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1307.700	45.25	74.0	28.75	Peak	222.00	400	Horizontal	Pass
1**	1307.700	35.56	54.0	18.44	AV	222.00	400	Horizontal	Pass
2	2441.000	89.69	74.0	-15.69	Peak	54.00	100	Horizontal	N/A
2**	2441.000	89.36	54.0	-35.36	AV	54.00	100	Horizontal	N/A
3	4882.500	48.99	74.0	25.01	Peak	9.00	150	Horizontal	Pass
3**	4882.500	47.58	54.0	6.42	AV	9.00	150	Horizontal	Pass
4	7323.250	54.41	74.0	19.59	Peak	294.00	150	Horizontal	Pass
4**	7323.250	50.98	54.0	3.02	AV	294.00	150	Horizontal	Pass
5	9764.150	55.15	74.0	18.85	Peak	320.00	150	Horizontal	Pass
5**	9764.150	52.49	--	--	AV	320.00	150	Horizontal	N/A
6	17536.426	53.66	74.0	20.34	Peak	103.00	150	Horizontal	Pass
6**	17536.426	44.20	54.0	9.80	AV	103.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

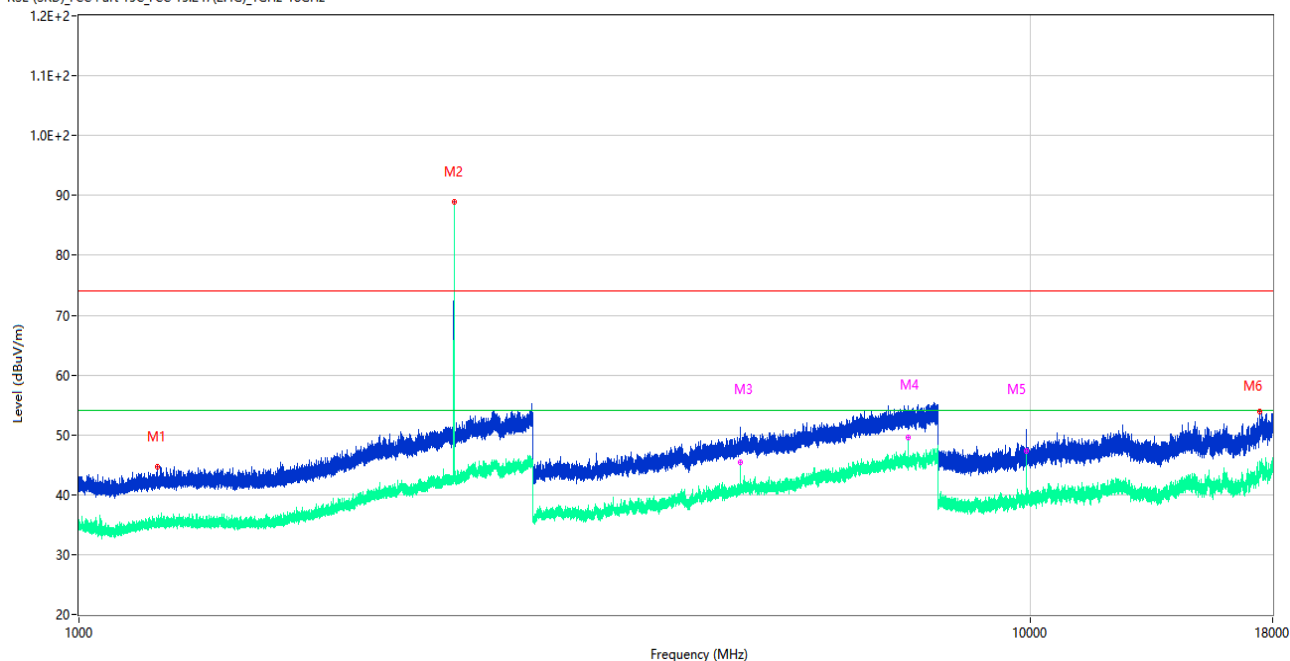
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	48.96	74.0	25.04	Peak	156.00	100	Vertical	Pass
1**	1329.700	35.28	54.0	18.72	AV	156.00	100	Vertical	Pass
2	2440.900	99.94	74.0	-25.94	Peak	134.00	100	Vertical	N/A
2**	2440.900	99.40	54.0	-45.40	AV	134.00	100	Vertical	N/A
3	4882.250	50.49	74.0	23.51	Peak	16.00	150	Vertical	Pass
3**	4882.250	47.65	54.0	6.35	AV	16.00	150	Vertical	Pass
4	7323.000	54.67	74.0	19.33	Peak	98.00	150	Vertical	Pass
4**	7323.000	50.61	54.0	3.39	AV	98.00	150	Vertical	Pass
5	9764.388	50.24	74.0	23.76	Peak	34.00	150	Vertical	Pass
5**	9764.388	48.47	--	--	AV	34.00	150	Vertical	N/A
6	15981.638	52.15	74.0	21.85	Peak	190.00	400	Vertical	Pass
6**	15981.638	42.49	54.0	11.51	AV	190.00	400	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

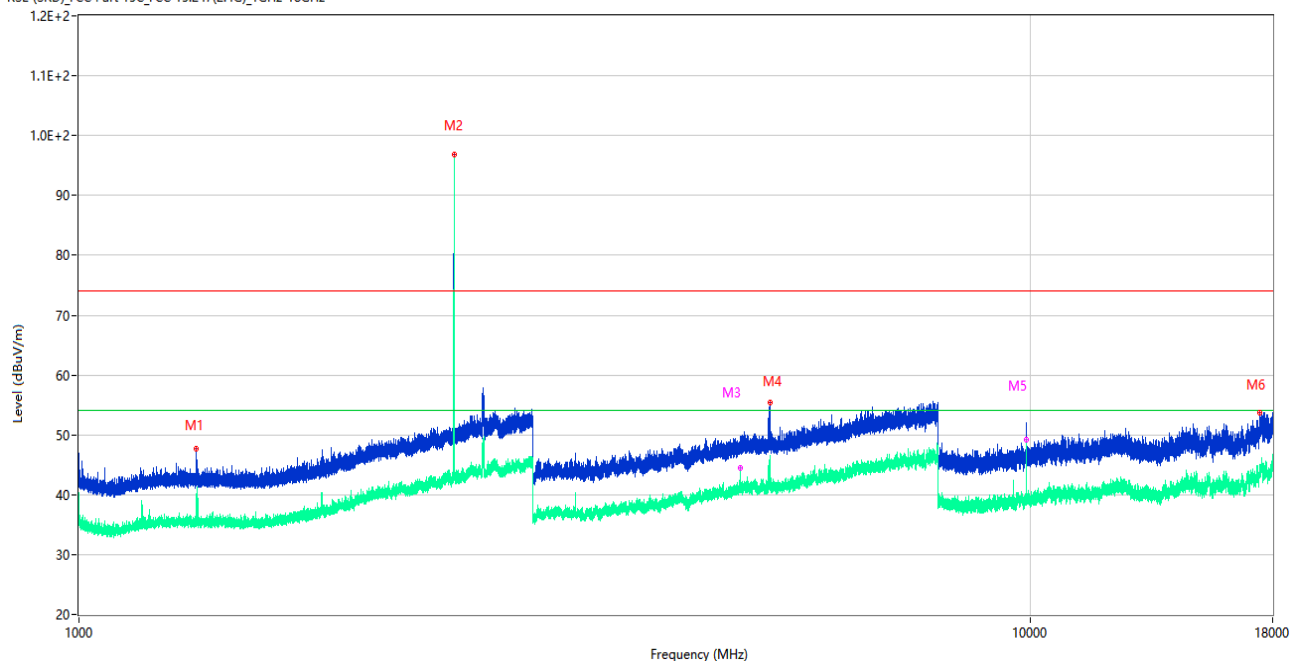
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1210.600	44.73	74.0	29.27	Peak	0.00	300	Horizontal	Pass
1**	1210.600	34.85	54.0	19.15	AV	0.00	300	Horizontal	Pass
2	2480.000	88.99	74.0	-14.99	Peak	88.00	150	Horizontal	N/A
2**	2480.000	88.19	54.0	-34.19	AV	88.00	150	Horizontal	N/A
3	4960.500	49.48	74.0	24.52	Peak	325.00	150	Horizontal	Pass
3**	4960.500	45.38	54.0	8.62	AV	325.00	150	Horizontal	Pass
4	7440.500	53.37	74.0	20.63	Peak	9.00	150	Horizontal	Pass
4**	7440.500	49.58	54.0	4.42	AV	9.00	150	Horizontal	Pass
5	9920.187	50.76	74.0	23.24	Peak	78.00	150	Horizontal	Pass
5**	9920.187	47.38	--	--	AV	78.00	150	Horizontal	N/A
6	17447.963	53.95	74.0	20.05	Peak	17.00	400	Horizontal	Pass
6**	17447.963	44.62	54.0	9.38	AV	17.00	400	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

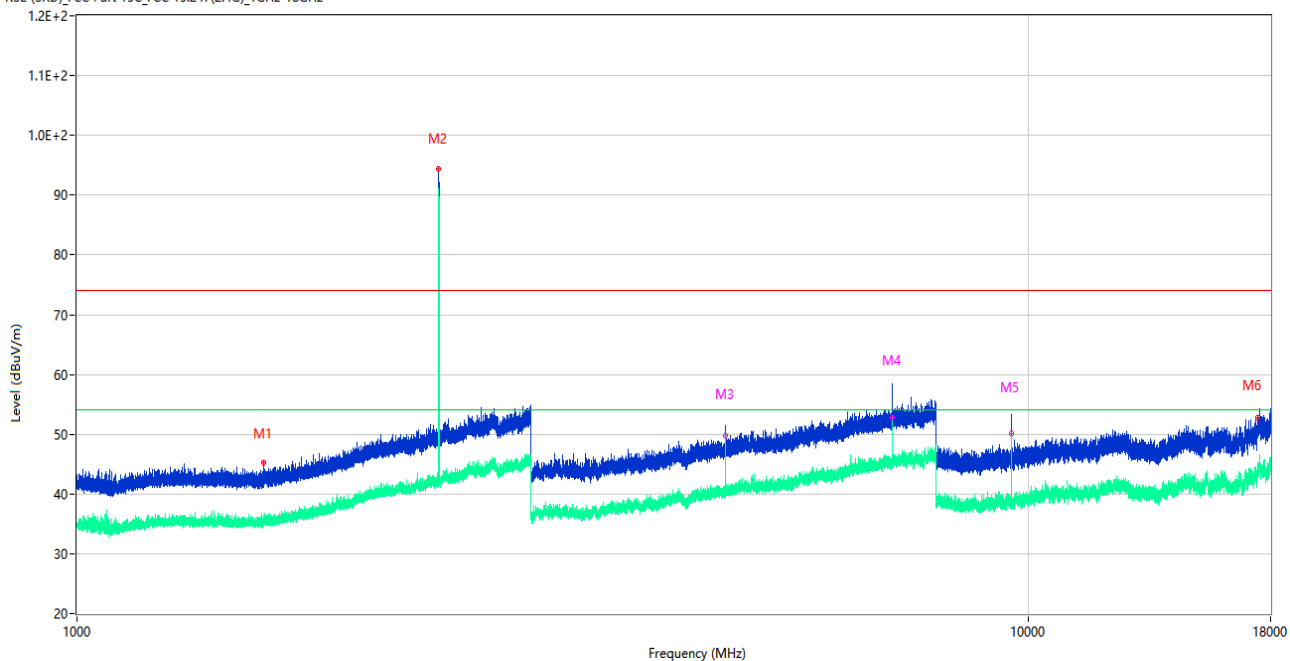
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.900	47.67	74.0	26.33	Peak	151.00	400	Vertical	Pass
1**	1326.900	34.73	54.0	19.27	AV	151.00	400	Vertical	Pass
2	2479.900	96.79	74.0	-22.79	Peak	129.00	100	Vertical	N/A
2**	2479.900	96.28	54.0	-42.28	AV	129.00	100	Vertical	N/A
3	4960.250	48.63	74.0	25.37	Peak	198.00	150	Vertical	Pass
3**	4960.250	44.45	54.0	9.55	AV	198.00	150	Vertical	Pass
4	5329.750	55.36	74.0	18.64	Peak	198.00	150	Vertical	Pass
4**	5329.750	45.03	54.0	8.97	AV	198.00	150	Vertical	Pass
5	9919.950	50.70	74.0	23.30	Peak	61.00	150	Vertical	Pass
5**	9919.950	49.17	--	--	AV	61.00	150	Vertical	N/A
6	17436.150	53.70	74.0	20.30	Peak	254.00	200	Vertical	Pass
6**	17436.150	43.87	54.0	10.13	AV	254.00	200	Vertical	Pass

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

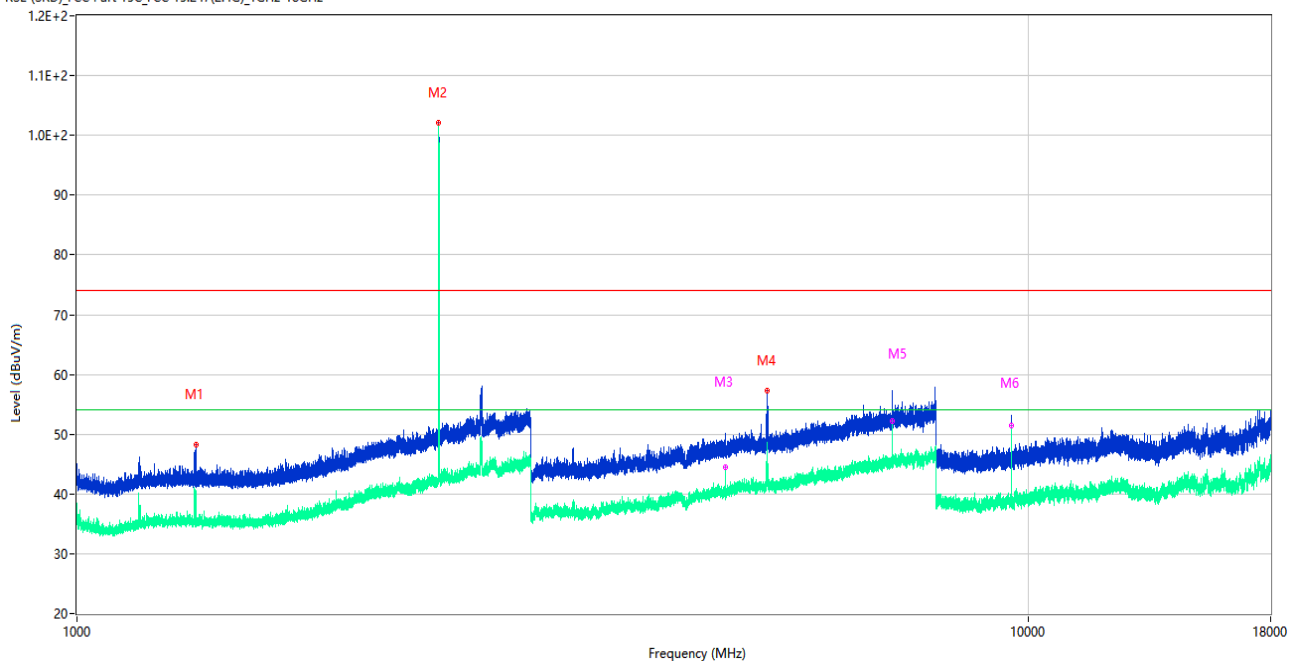
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.100	45.22	74.0	28.78	Peak	248.00	200	Horizontal	Pass
1**	1572.100	35.36	54.0	18.64	AV	248.00	200	Horizontal	Pass
2	2402.000	94.46	74.0	-20.46	Peak	83.00	150	Horizontal	N/A
2**	2402.000	91.28	54.0	-37.28	AV	83.00	150	Horizontal	N/A
3	4804.250	51.45	74.0	22.55	Peak	358.00	150	Horizontal	Pass
3**	4804.250	49.71	54.0	4.29	AV	358.00	150	Horizontal	Pass
4	7206.250	55.69	74.0	18.31	Peak	8.00	150	Horizontal	Pass
4**	7206.250	52.83	--	--	AV	8.00	150	Horizontal	N/A
5	9608.350	51.91	74.0	22.09	Peak	47.00	150	Horizontal	Pass
5**	9608.350	50.11	--	--	AV	47.00	150	Horizontal	N/A
6	17451.375	52.84	74.0	21.16	Peak	0.00	100	Horizontal	Pass
6**	17451.375	44.46	54.0	9.54	AV	0.00	100	Horizontal	Pass

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

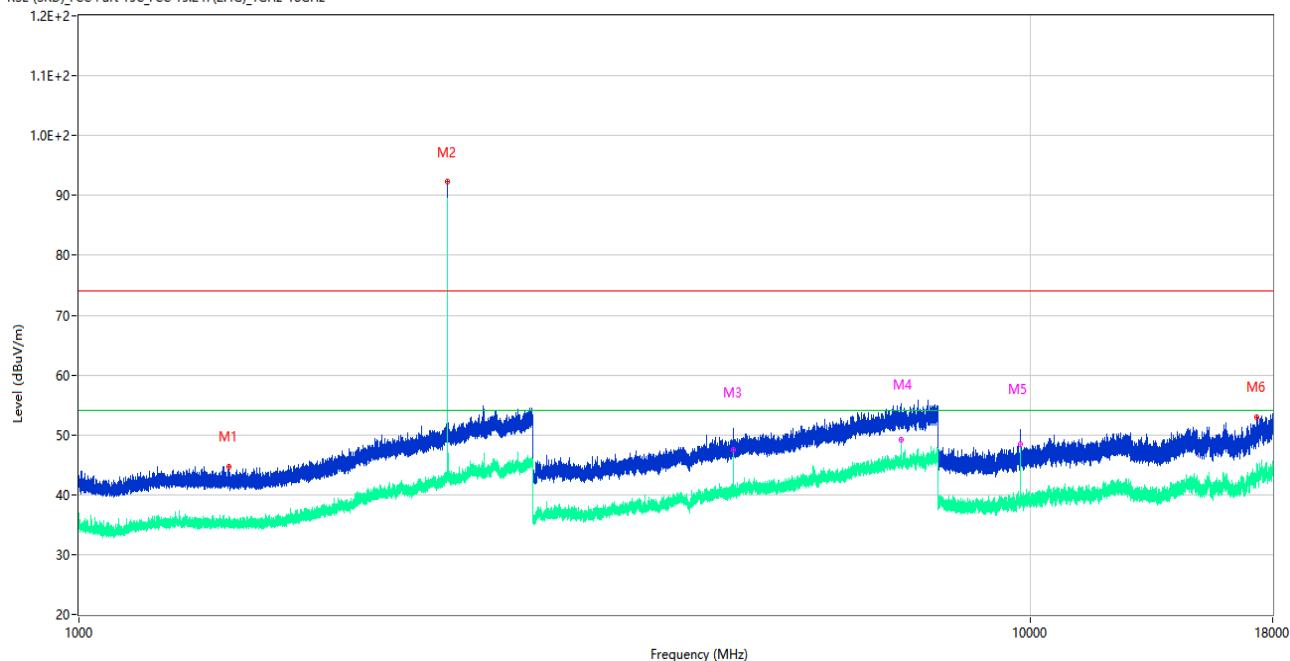
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	48.19	74.0	25.81	Peak	137.00	400	Vertical	Pass
1**	1333.300	36.59	54.0	17.41	AV	137.00	400	Vertical	Pass
2	2401.900	102.18	74.0	-28.18	Peak	129.00	100	Vertical	N/A
2**	2401.900	101.43	54.0	-47.43	AV	129.00	100	Vertical	N/A
3	4804.250	49.49	74.0	24.51	Peak	353.00	150	Vertical	Pass
3**	4804.250	44.50	54.0	9.50	AV	353.00	150	Vertical	Pass
4	5322.000	57.34	74.0	16.66	Peak	76.00	150	Vertical	Pass
4**	5322.000	44.44	54.0	9.56	AV	76.00	150	Vertical	Pass
5	7206.000	55.34	74.0	18.66	Peak	148.00	150	Vertical	Pass
5**	7206.000	52.19	--	--	AV	148.00	150	Vertical	N/A
6	9608.350	53.15	74.0	20.85	Peak	52.00	150	Vertical	Pass
6**	9608.350	51.41	--	--	AV	52.00	150	Vertical	N/A

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

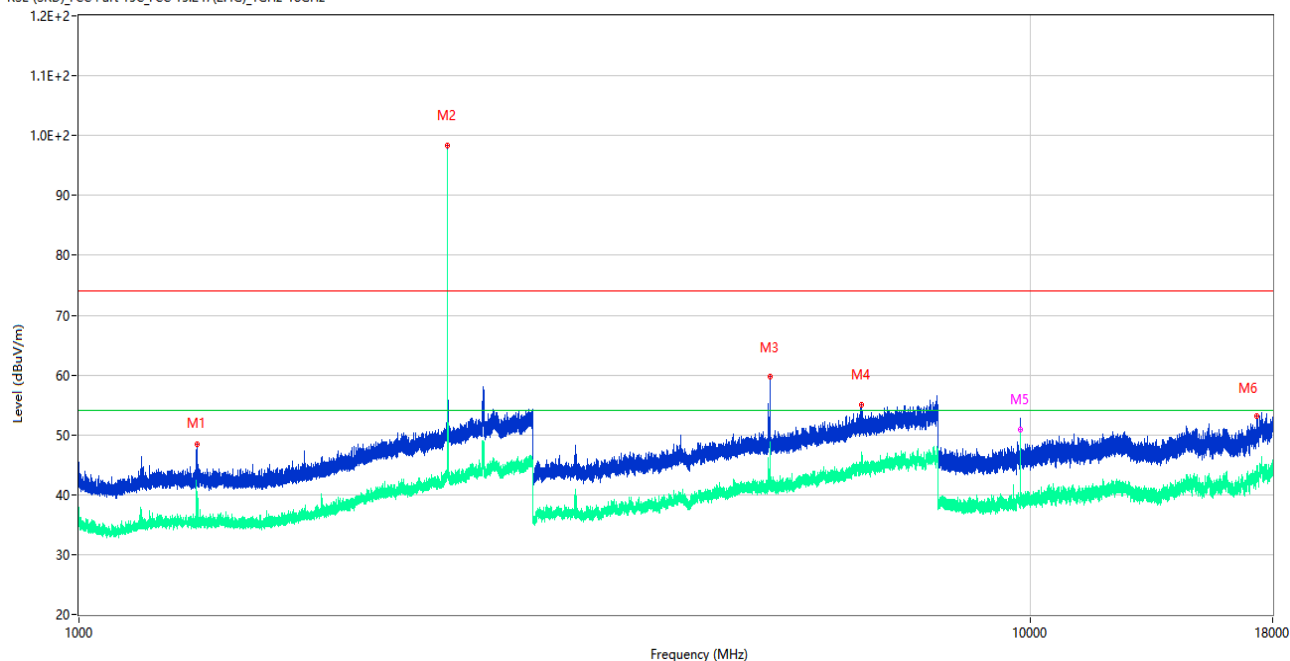
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.500	44.72	74.0	29.28	Peak	248.00	400	Horizontal	Pass
1**	1438.500	35.48	54.0	18.52	AV	248.00	400	Horizontal	Pass
2	2441.200	92.29	74.0	-18.29	Peak	83.00	100	Horizontal	N/A
2**	2441.200	88.91	54.0	-34.91	AV	83.00	100	Horizontal	N/A
3	4882.500	49.83	74.0	24.17	Peak	0.00	150	Horizontal	Pass
3**	4882.500	47.58	54.0	6.42	AV	0.00	150	Horizontal	Pass
4	7323.000	55.14	74.0	18.86	Peak	34.00	150	Horizontal	Pass
4**	7323.000	49.20	54.0	4.80	AV	34.00	150	Horizontal	Pass
5	9764.388	49.96	74.0	24.04	Peak	59.00	150	Horizontal	Pass
5**	9764.388	48.47	--	--	AV	59.00	150	Horizontal	N/A
6	17336.138	53.05	74.0	20.95	Peak	147.00	200	Horizontal	Pass
6**	17336.138	43.96	54.0	10.04	AV	147.00	200	Horizontal	Pass

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

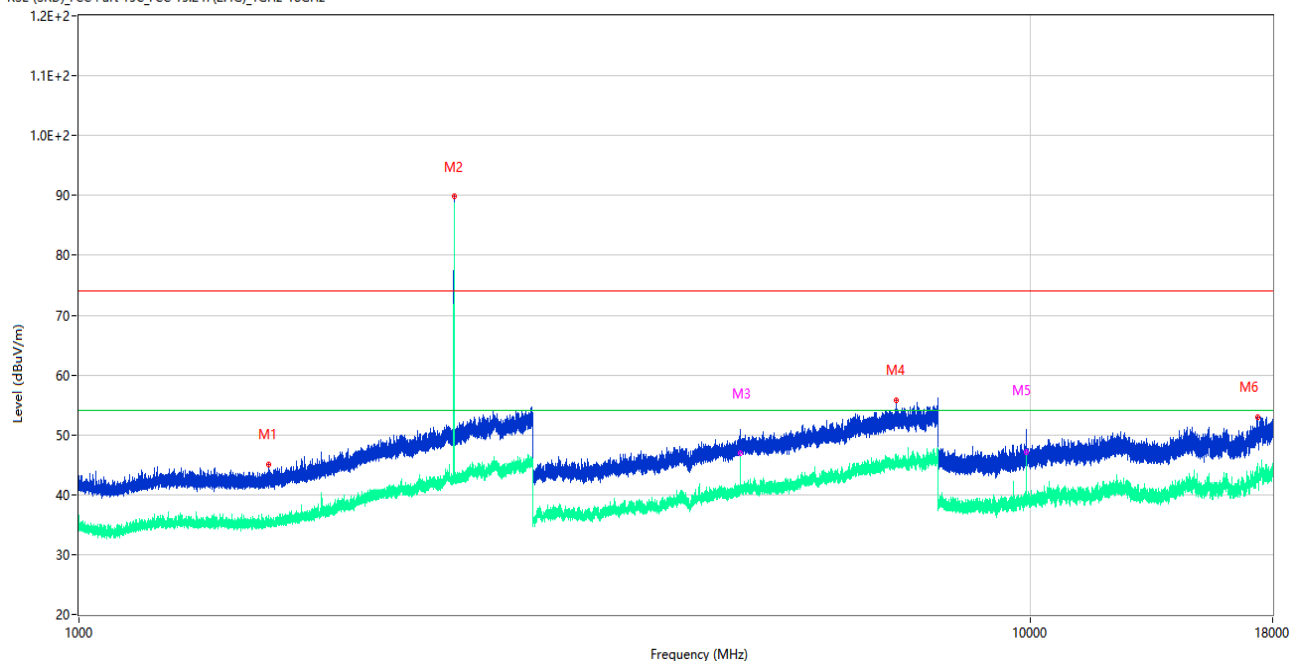
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	48.52	74.0	25.48	Peak	140.00	300	Vertical	Pass
1**	1332.500	35.90	54.0	18.10	AV	140.00	300	Vertical	Pass
2	2441.100	98.38	74.0	-24.38	Peak	125.00	150	Vertical	N/A
2**	2441.100	97.52	54.0	-43.52	AV	125.00	150	Vertical	N/A
3	5328.750	59.69	74.0	14.31	Peak	96.00	400	Vertical	Pass
3**	5328.750	41.90	54.0	12.10	AV	96.00	400	Vertical	Pass
4	6657.250	54.99	74.0	19.01	Peak	65.00	150	Vertical	Pass
4**	6657.250	44.64	54.0	9.36	AV	65.00	150	Vertical	Pass
5	9764.150	52.01	74.0	21.99	Peak	96.00	150	Vertical	Pass
5**	9764.150	50.97	--	--	AV	96.00	150	Vertical	N/A
6	17335.613	53.08	74.0	20.92	Peak	210.00	400	Vertical	Pass
6**	17335.613	44.20	54.0	9.80	AV	210.00	400	Vertical	Pass

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

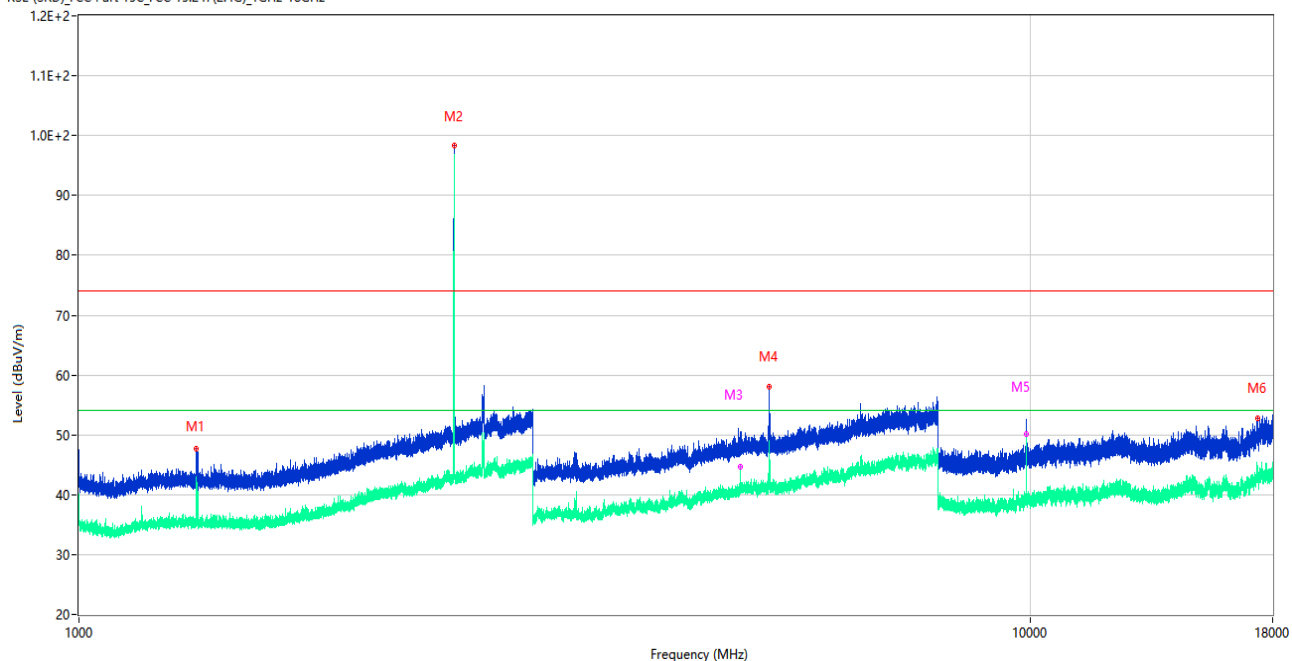
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.900	45.06	74.0	28.94	Peak	171.00	400	Horizontal	Pass
1**	1583.900	35.68	54.0	18.32	AV	171.00	400	Horizontal	Pass
2	2479.900	89.81	74.0	-15.81	Peak	81.00	200	Horizontal	N/A
2**	2479.900	87.98	54.0	-33.98	AV	81.00	200	Horizontal	N/A
3	4960.500	50.54	74.0	23.46	Peak	358.00	150	Horizontal	Pass
3**	4960.500	46.91	54.0	7.09	AV	358.00	150	Horizontal	Pass
4	7242.000	55.80	74.0	18.20	Peak	150.00	150	Horizontal	Pass
4**	7242.000	46.15	54.0	7.85	AV	150.00	150	Horizontal	Pass
5	9920.425	49.55	74.0	24.45	Peak	71.00	150	Horizontal	Pass
5**	9920.425	47.18	--	--	AV	71.00	150	Horizontal	N/A
6	17358.975	53.05	74.0	20.95	Peak	318.00	100	Horizontal	Pass
6**	17358.975	43.76	54.0	10.24	AV	318.00	100	Horizontal	Pass

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

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

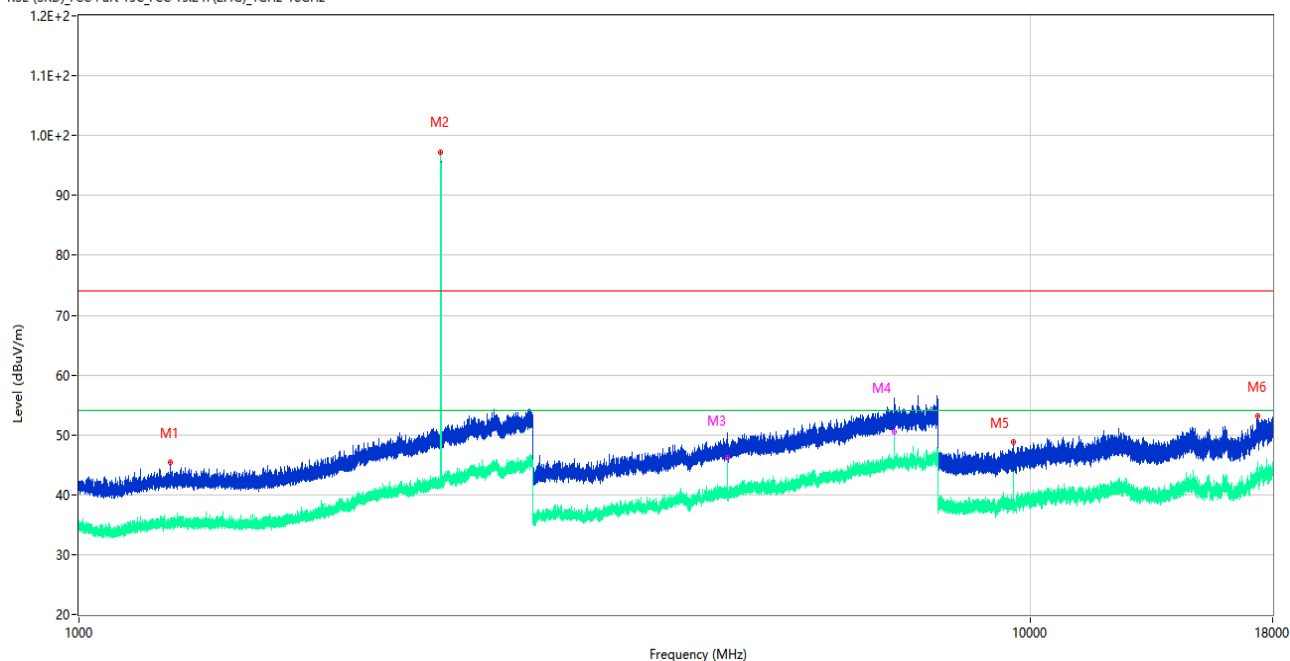


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	47.67	74.0	26.33	Peak	150.00	300	Vertical	Pass
1**	1327.500	35.14	54.0	18.86	AV	150.00	300	Vertical	Pass
2	2480.100	98.33	74.0	-24.33	Peak	127.00	200	Vertical	N/A
2**	2480.100	96.68	54.0	-42.68	AV	127.00	200	Vertical	N/A
3	4960.750	48.01	74.0	25.99	Peak	138.00	150	Vertical	Pass
3**	4960.750	44.58	54.0	9.42	AV	138.00	150	Vertical	Pass
4	5321.750	58.07	74.0	15.93	Peak	86.00	400	Vertical	Pass
4**	5321.750	40.82	54.0	13.18	AV	86.00	400	Vertical	Pass
5	9920.187	51.24	74.0	22.76	Peak	96.00	150	Vertical	Pass
5**	9920.187	50.15	--	--	AV	96.00	150	Vertical	N/A
6	17358.713	52.79	74.0	21.21	Peak	0.00	300	Vertical	Pass
6**	17358.713	43.67	54.0	10.33	AV	0.00	300	Vertical	Pass

Right Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

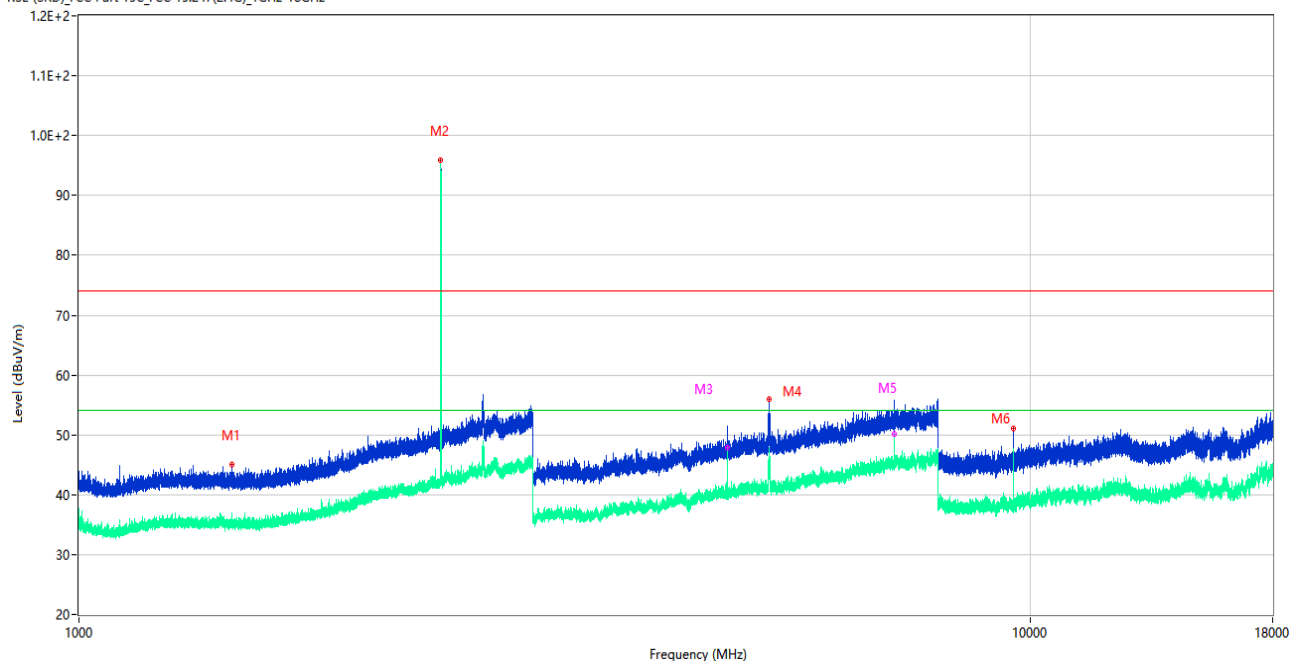
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1247.400	45.35	74.0	28.65	Peak	176.00	200	Horizontal	Pass
1**	1247.400	35.37	54.0	18.63	AV	176.00	200	Horizontal	Pass
2	2401.900	97.25	74.0	-23.25	Peak	71.00	150	Horizontal	N/A
2**	2401.900	96.43	54.0	-42.43	AV	71.00	150	Horizontal	N/A
3	4804.250	49.17	74.0	24.83	Peak	359.00	150	Horizontal	Pass
3**	4804.250	46.24	54.0	7.76	AV	359.00	150	Horizontal	Pass
4	7206.250	56.03	74.0	17.97	Peak	3.00	150	Horizontal	Pass
4**	7206.250	50.43	--	--	AV	3.00	150	Horizontal	N/A
5	9608.350	48.89	74.0	25.11	Peak	334.00	150	Horizontal	Pass
5**	9608.350	43.80	54.0	10.20	AV	334.00	150	Horizontal	Pass
6	17355.037	53.11	74.0	20.89	Peak	136.00	100	Horizontal	Pass
6**	17355.037	45.34	54.0	8.66	AV	136.00	100	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

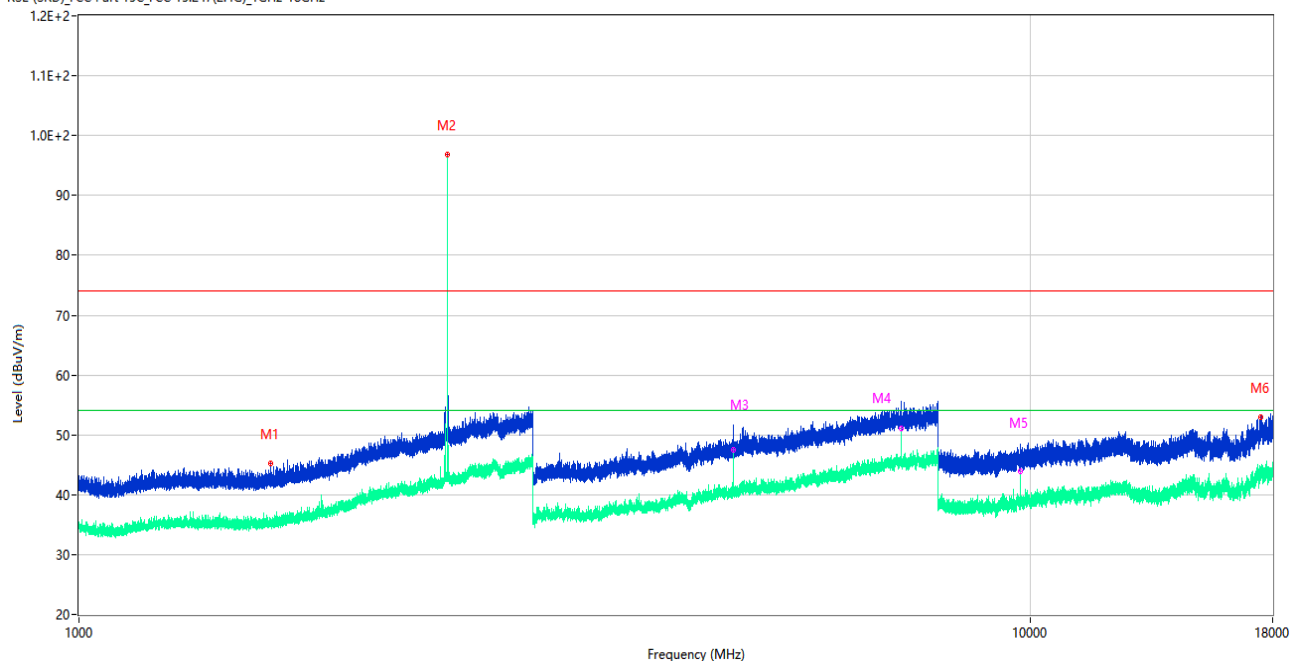
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.400	45.01	74.0	28.99	Peak	130.00	300	Vertical	Pass
1**	1449.400	35.73	54.0	18.27	AV	130.00	300	Vertical	Pass
2	2402.200	95.88	74.0	-21.88	Peak	153.00	150	Vertical	N/A
2**	2402.200	95.52	54.0	-41.52	AV	153.00	150	Vertical	N/A
3	4804.000	50.81	74.0	23.19	Peak	358.00	150	Vertical	Pass
3**	4804.000	47.84	54.0	6.16	AV	358.00	150	Vertical	Pass
4	5322.250	55.99	74.0	18.01	Peak	135.00	100	Vertical	Pass
4**	5322.250	43.69	54.0	10.31	AV	135.00	100	Vertical	Pass
5	7206.250	53.92	74.0	20.08	Peak	298.00	150	Vertical	Pass
5**	7206.250	50.22	--	--	AV	298.00	150	Vertical	N/A
6	9607.638	50.98	74.0	23.02	Peak	240.00	200	Vertical	Pass
6**	9607.638	43.14	54.0	10.86	AV	240.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

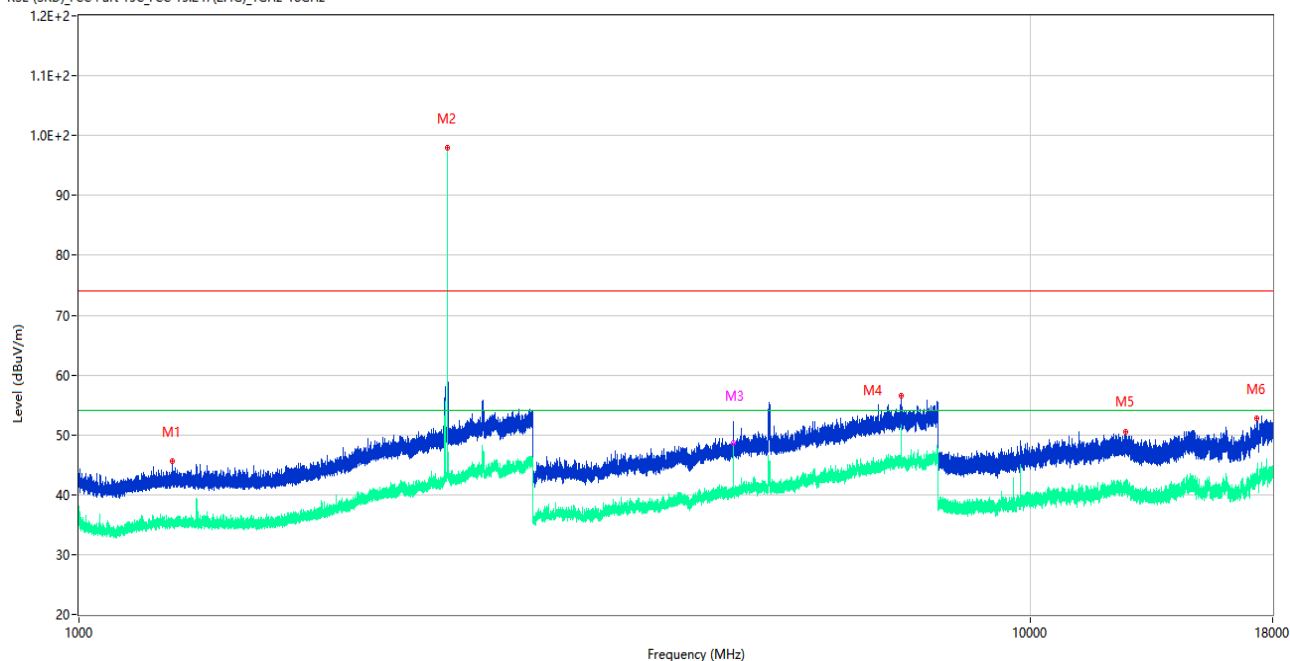
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.000	45.20	74.0	28.80	Peak	102.00	400	Horizontal	Pass
1**	1589.000	35.73	54.0	18.27	AV	102.00	400	Horizontal	Pass
2	2440.800	96.76	74.0	-22.76	Peak	80.00	100	Horizontal	N/A
2**	2440.800	95.69	54.0	-41.69	AV	80.00	100	Horizontal	N/A
3	4882.500	50.37	74.0	23.63	Peak	325.00	150	Horizontal	Pass
3**	4882.500	47.57	54.0	6.43	AV	325.00	150	Horizontal	Pass
4	7323.250	55.17	74.0	18.83	Peak	1.00	150	Horizontal	Pass
4**	7323.250	50.72	54.0	3.28	AV	1.00	150	Horizontal	Pass
5	9764.150	47.11	74.0	26.89	Peak	320.00	150	Horizontal	Pass
5**	9764.150	43.98	54.0	10.02	AV	320.00	150	Horizontal	Pass
6	17468.699	52.88	74.0	21.12	Peak	1.00	400	Horizontal	Pass
6**	17468.699	43.92	54.0	10.08	AV	1.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

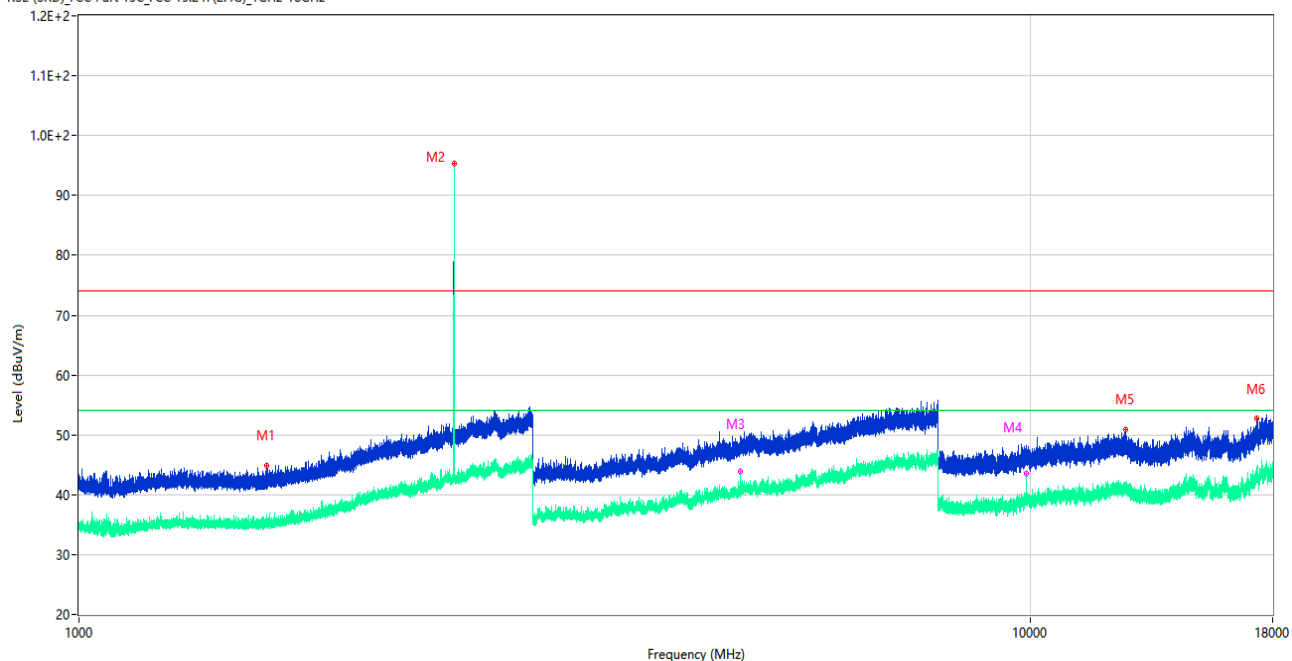
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1255.100	45.52	74.0	28.48	Peak	0.00	400	Vertical	Pass
1**	1255.100	35.63	54.0	18.37	AV	0.00	400	Vertical	Pass
2	2441.000	97.90	74.0	-23.90	Peak	153.00	100	Vertical	N/A
2**	2441.000	97.50	54.0	-43.50	AV	153.00	100	Vertical	N/A
3	4882.250	51.95	74.0	22.05	Peak	21.00	150	Vertical	Pass
3**	4882.250	48.62	54.0	5.38	AV	21.00	150	Vertical	Pass
4	7323.250	56.48	74.0	17.52	Peak	274.00	100	Vertical	Pass
4**	7323.250	50.91	54.0	3.09	AV	274.00	100	Vertical	Pass
5	12612.487	50.57	74.0	23.43	Peak	39.00	200	Vertical	Pass
5**	12612.487	41.21	54.0	12.79	AV	39.00	200	Vertical	Pass
6	17333.776	52.69	74.0	21.31	Peak	34.00	100	Vertical	Pass
6**	17333.776	42.89	54.0	11.11	AV	34.00	100	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

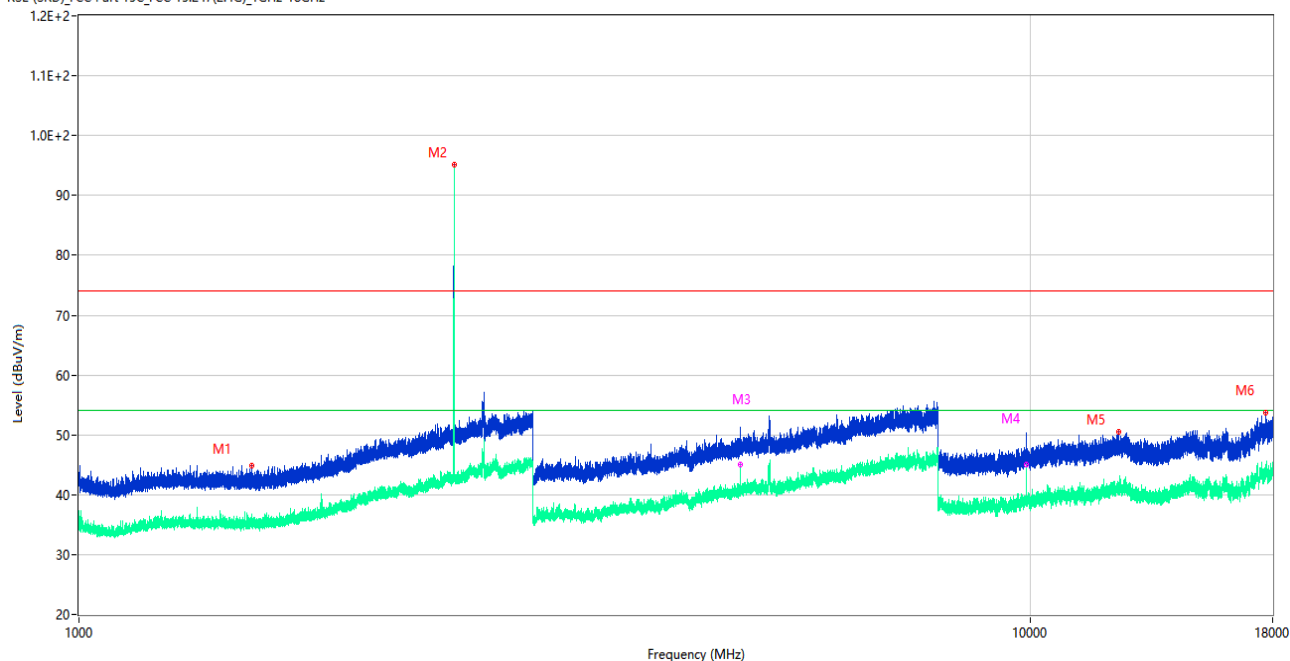
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.700	44.88	74.0	29.12	Peak	341.00	400	Horizontal	Pass
1**	1574.700	35.01	54.0	18.99	AV	341.00	400	Horizontal	Pass
2	2480.100	95.31	74.0	-21.31	Peak	73.00	200	Horizontal	N/A
2**	2480.100	94.97	54.0	-40.97	AV	73.00	200	Horizontal	N/A
3	4960.250	48.80	74.0	25.20	Peak	7.00	150	Horizontal	Pass
3**	4960.250	43.92	54.0	10.08	AV	7.00	150	Horizontal	Pass
4	9920.187	48.00	74.0	26.00	Peak	91.00	150	Horizontal	Pass
4**	9920.187	43.61	54.0	10.39	AV	91.00	150	Horizontal	Pass
5	12595.863	50.93	74.0	23.07	Peak	358.00	300	Horizontal	Pass
5**	12595.863	41.57	54.0	12.43	AV	358.00	300	Horizontal	Pass
6	17333.776	52.76	74.0	21.24	Peak	325.00	200	Horizontal	Pass
6**	17333.776	43.53	54.0	10.47	AV	325.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

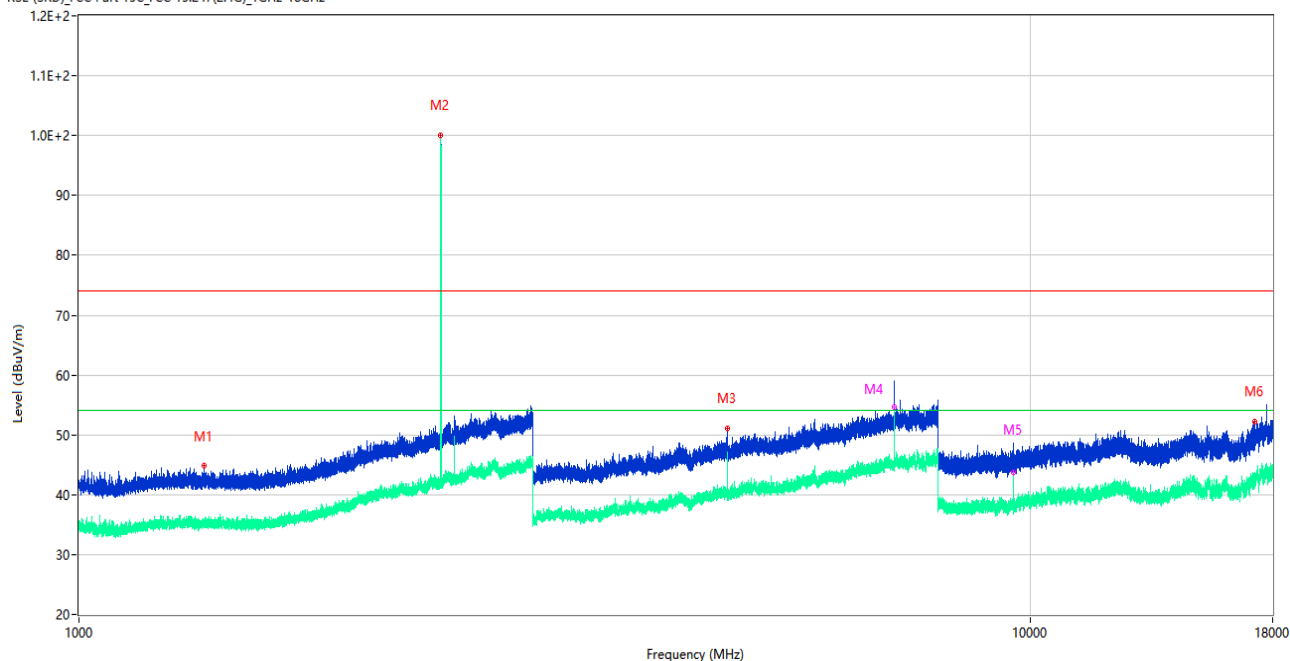
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.100	44.91	74.0	29.09	Peak	0.00	200	Vertical	Pass
1**	1518.100	35.75	54.0	18.25	AV	0.00	200	Vertical	Pass
2	2480.000	95.06	74.0	-21.06	Peak	154.00	100	Vertical	N/A
2**	2480.000	94.54	54.0	-40.54	AV	154.00	100	Vertical	N/A
3	4960.250	50.85	74.0	23.15	Peak	16.00	150	Vertical	Pass
3**	4960.250	45.08	54.0	8.92	AV	16.00	150	Vertical	Pass
4	9920.187	49.54	74.0	24.46	Peak	83.00	150	Vertical	Pass
4**	9920.187	45.09	54.0	8.91	AV	83.00	150	Vertical	Pass
5	12398.737	50.43	74.0	23.57	Peak	14.00	400	Vertical	Pass
5**	12398.737	41.59	54.0	12.41	AV	14.00	400	Vertical	Pass
6	17712.300	53.67	74.0	20.33	Peak	67.00	150	Vertical	Pass
6**	17712.300	44.69	54.0	9.31	AV	67.00	150	Vertical	Pass

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

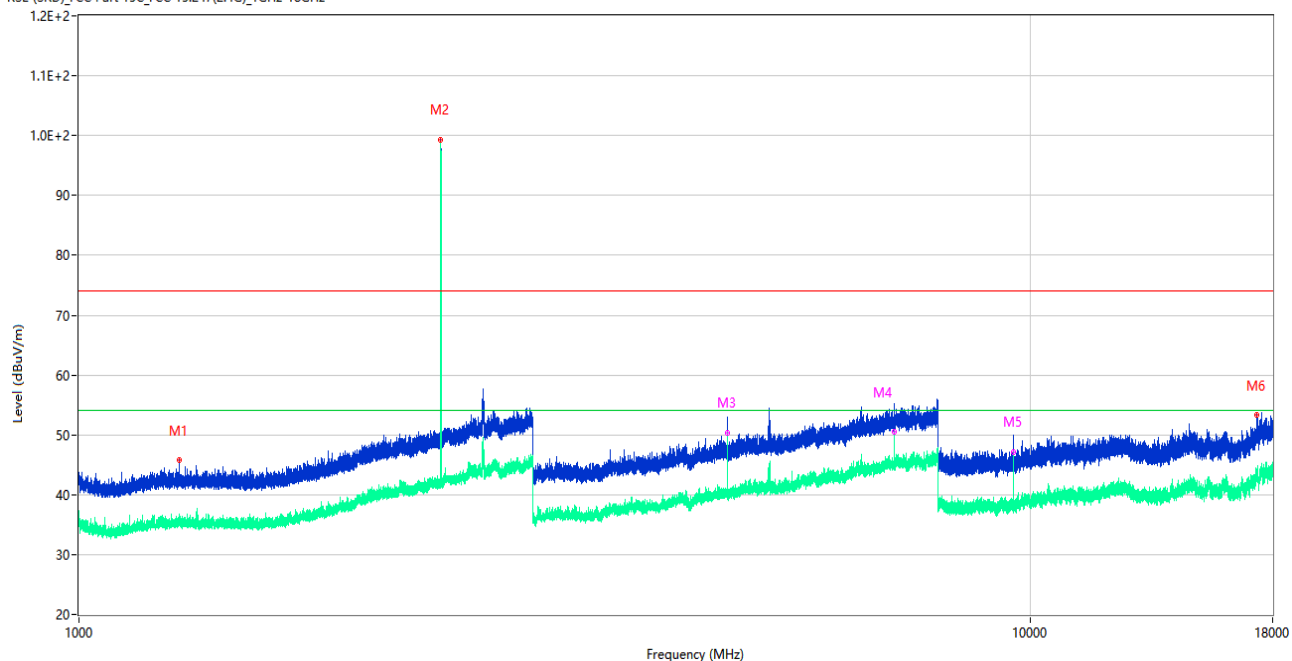
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1354.500	44.83	74.0	29.17	Peak	32.00	400	Horizontal	Pass
1**	1354.500	35.62	54.0	18.38	AV	32.00	400	Horizontal	Pass
2	2402.100	100.08	74.0	-26.08	Peak	78.00	100	Horizontal	N/A
2**	2402.100	99.69	54.0	-45.69	AV	78.00	100	Horizontal	N/A
3	4804.000	51.13	74.0	22.87	Peak	290.00	100	Horizontal	Pass
3**	4804.000	47.14	54.0	6.86	AV	290.00	100	Horizontal	Pass
4	7206.250	57.34	74.0	16.66	Peak	352.00	150	Horizontal	Pass
4**	7206.250	54.73	--	--	AV	352.00	150	Horizontal	N/A
5	9608.112	47.27	74.0	26.73	Peak	296.00	150	Horizontal	Pass
5**	9608.112	43.72	54.0	10.28	AV	296.00	150	Horizontal	Pass
6	17254.238	52.20	74.0	21.80	Peak	192.00	200	Horizontal	Pass
6**	17254.238	41.78	54.0	12.22	AV	192.00	200	Horizontal	Pass

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

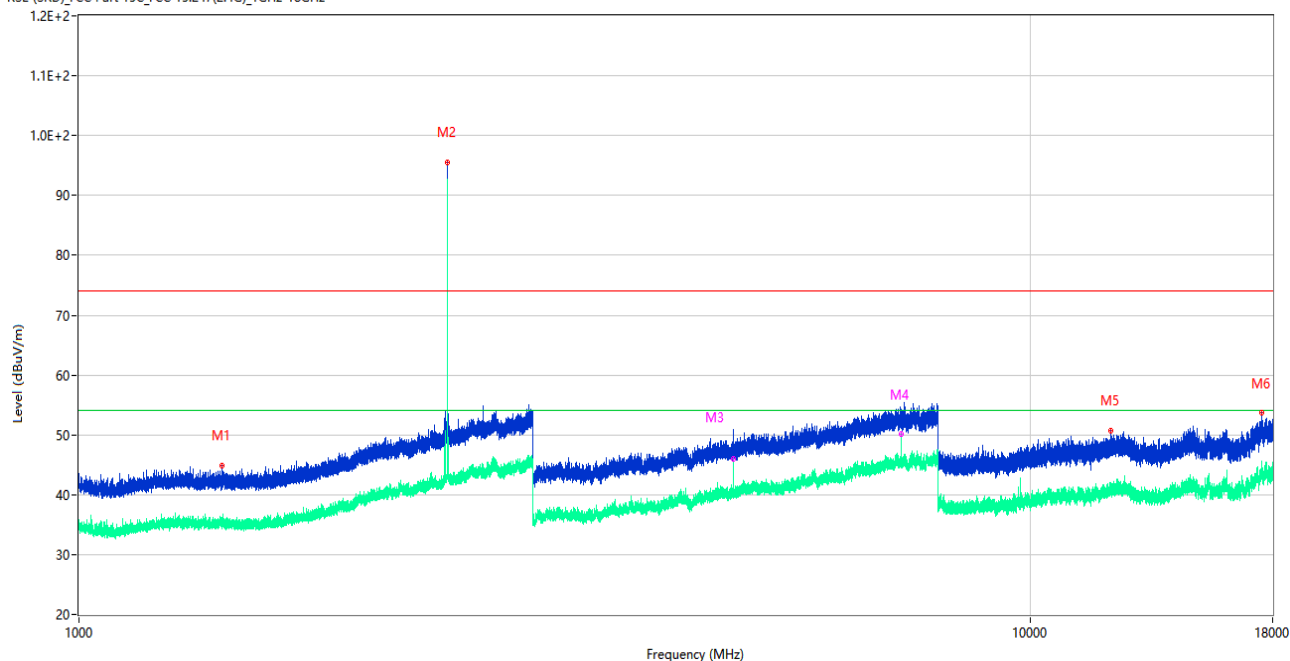
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1273.800	45.74	74.0	28.26	Peak	360.00	400	Vertical	Pass
1**	1273.800	34.85	54.0	19.15	AV	360.00	400	Vertical	Pass
2	2402.100	99.36	74.0	-25.36	Peak	155.00	200	Vertical	N/A
2**	2402.100	99.00	54.0	-45.00	AV	155.00	200	Vertical	N/A
3	4804.250	51.21	74.0	22.79	Peak	147.00	150	Vertical	Pass
3**	4804.250	49.22	54.0	4.78	AV	147.00	150	Vertical	Pass
4	7206.250	54.23	74.0	19.77	Peak	290.00	150	Vertical	Pass
4**	7206.250	50.57	--	--	AV	290.00	150	Vertical	N/A
5	9608.112	49.90	74.0	24.10	Peak	239.00	150	Vertical	Pass
5**	9608.112	47.18	54.0	6.82	AV	239.00	150	Vertical	Pass
6	17335.876	53.27	74.0	20.73	Peak	358.00	300	Vertical	Pass
6**	17335.876	44.02	54.0	9.98	AV	358.00	300	Vertical	Pass

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

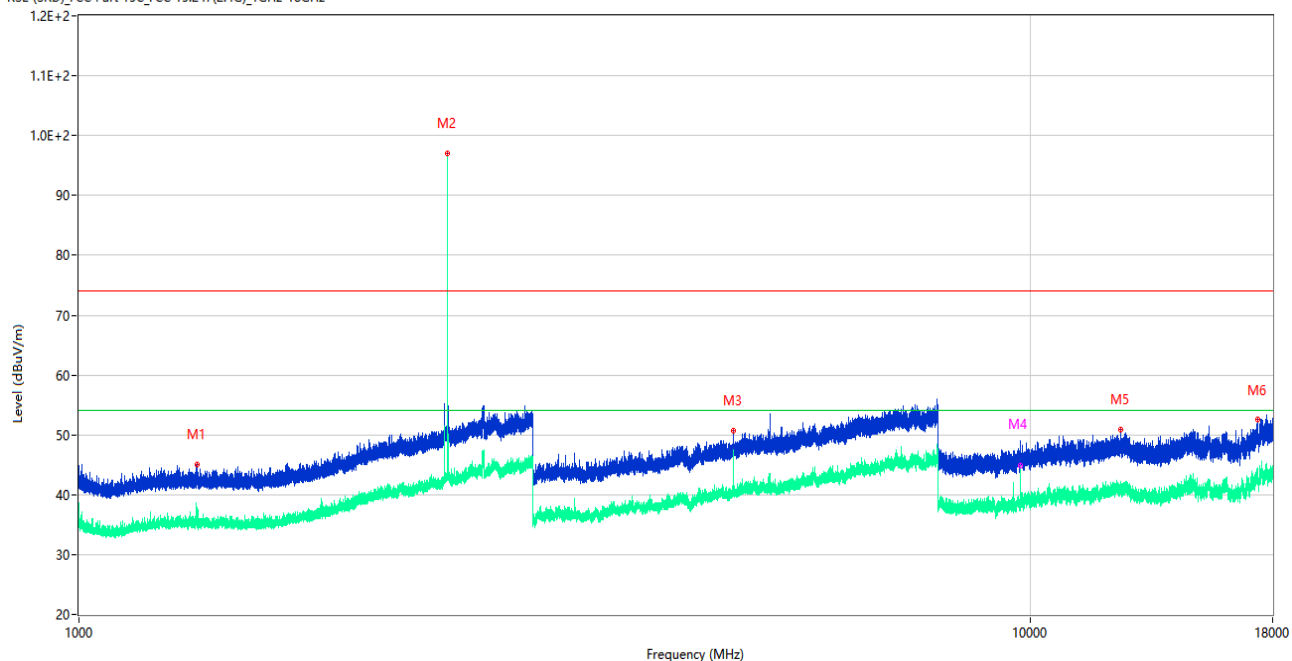
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1414.700	44.86	74.0	29.14	Peak	235.00	400	Horizontal	Pass
1**	1414.700	35.06	54.0	18.94	AV	235.00	400	Horizontal	Pass
2	2441.000	95.51	74.0	-21.51	Peak	72.00	100	Horizontal	N/A
2**	2441.000	92.11	54.0	-38.11	AV	72.00	100	Horizontal	N/A
3	4882.000	48.57	74.0	25.43	Peak	303.00	150	Horizontal	Pass
3**	4882.000	46.04	54.0	7.96	AV	303.00	150	Horizontal	Pass
4	7323.500	53.74	74.0	20.26	Peak	353.00	150	Horizontal	Pass
4**	7323.500	50.13	54.0	3.87	AV	353.00	150	Horizontal	Pass
5	12163.849	50.71	74.0	23.29	Peak	334.00	200	Horizontal	Pass
5**	12163.849	40.46	54.0	13.54	AV	334.00	200	Horizontal	Pass
6	17533.276	53.65	74.0	20.35	Peak	72.00	150	Horizontal	Pass
6**	17533.276	44.61	54.0	9.39	AV	72.00	150	Horizontal	Pass

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

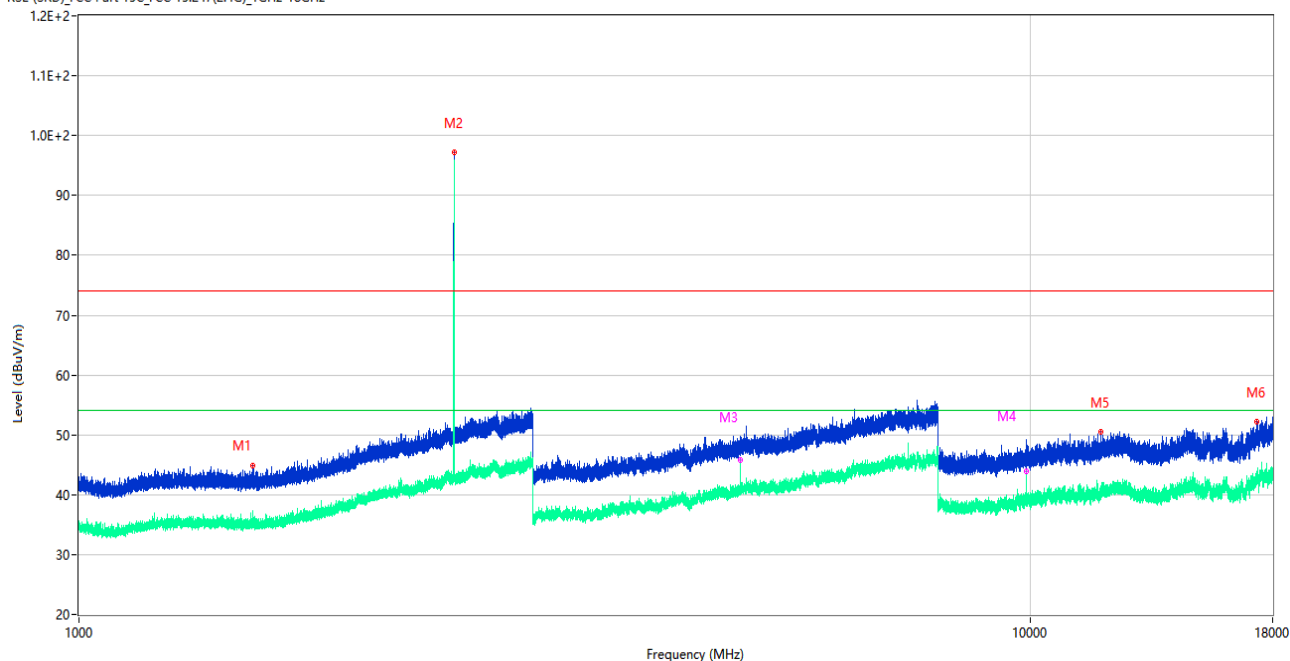
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	45.10	74.0	28.90	Peak	178.00	100	Vertical	Pass
1**	1330.200	36.03	54.0	17.97	AV	178.00	100	Vertical	Pass
2	2441.000	97.06	74.0	-23.06	Peak	155.00	200	Vertical	N/A
2**	2441.000	96.72	54.0	-42.72	AV	155.00	200	Vertical	N/A
3	4882.250	50.72	74.0	23.28	Peak	34.00	150	Vertical	Pass
3**	4882.250	47.41	54.0	6.59	AV	34.00	150	Vertical	Pass
4	9764.150	48.20	74.0	25.80	Peak	239.00	150	Vertical	Pass
4**	9764.150	44.83	54.0	9.17	AV	239.00	150	Vertical	Pass
5	12457.638	50.96	74.0	23.04	Peak	145.00	300	Vertical	Pass
5**	12457.638	40.61	54.0	13.39	AV	145.00	300	Vertical	Pass
6	17343.488	52.56	74.0	21.44	Peak	32.00	400	Vertical	Pass
6**	17343.488	43.49	54.0	10.51	AV	32.00	400	Vertical	Pass

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

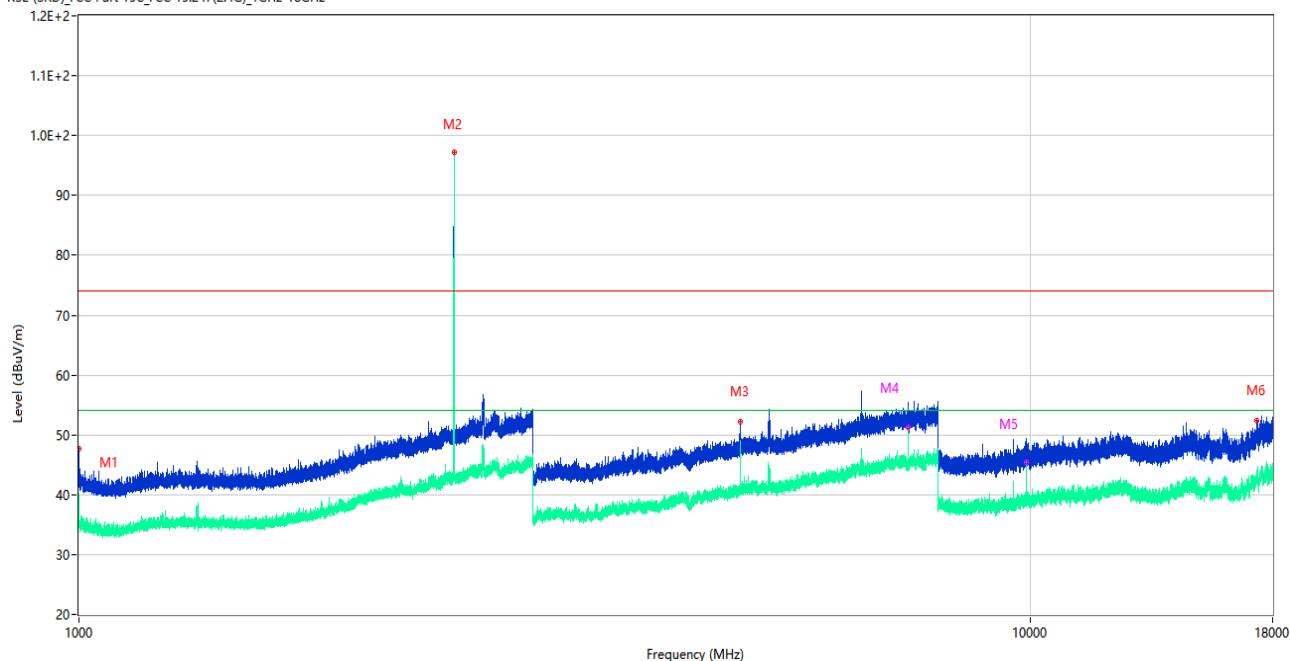
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.000	44.78	74.0	29.22	Peak	137.00	300	Horizontal	Pass
1**	1522.000	34.79	54.0	19.21	AV	137.00	300	Horizontal	Pass
2	2480.000	97.15	74.0	-23.15	Peak	77.00	100	Horizontal	N/A
2**	2480.000	95.75	54.0	-41.75	AV	77.00	100	Horizontal	N/A
3	4960.250	49.67	74.0	24.33	Peak	343.00	150	Horizontal	Pass
3**	4960.250	45.77	54.0	8.23	AV	343.00	150	Horizontal	Pass
4	9920.187	49.00	74.0	25.00	Peak	42.00	150	Horizontal	Pass
4**	9920.187	43.92	54.0	10.08	AV	42.00	150	Horizontal	Pass
5	11879.088	50.45	74.0	23.55	Peak	333.00	100	Horizontal	Pass
5**	11879.088	39.89	54.0	14.11	AV	333.00	100	Horizontal	Pass
6	17316.448	52.13	74.0	21.87	Peak	54.00	400	Horizontal	Pass
6**	17316.448	42.88	54.0	11.12	AV	54.00	400	Horizontal	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, 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	1000.400	47.69	74.0	26.31	Peak	99.00	200	Vertical	Pass
1**	1000.400	34.77	54.0	19.23	AV	99.00	200	Vertical	Pass
2	2480.100	97.13	74.0	-23.13	Peak	10.00	200	Vertical	N/A
2**	2480.100	96.46	54.0	-42.46	AV	10.00	200	Vertical	N/A
3	4960.250	52.21	74.0	21.79	Peak	24.00	200	Vertical	Pass
3**	4960.250	48.91	54.0	5.09	AV	24.00	200	Vertical	Pass
4	7440.500	54.91	74.0	19.09	Peak	270.00	150	Vertical	Pass
4**	7440.500	50.98	54.0	3.02	AV	270.00	150	Vertical	Pass
5	9920.187	49.38	74.0	24.62	Peak	2.00	150	Vertical	Pass
5**	9920.187	45.45	54.0	8.55	AV	2.00	150	Vertical	Pass
6	17337.448	52.41	74.0	21.59	Peak	65.00	400	Vertical	Pass
6**	17337.448	43.32	54.0	10.68	AV	65.00	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 following procedures may be used to determine the average field strength or power of an unwanted emission that is within 2 MHz of the authorized band-edge. Use the procedure described in 11.12.3.2.2 when using an average detector and the EUT can be configured to transmit continuously (i.e., $D \geq 98\%$). Use the procedure described in 11.12.3.2.3 when using an average detector and the EUT cannot be configured to transmit continuously but the duty cycle is constant (i.e., duty cycle variations are less than $\pm 2\%$). Use the procedure described in 11.12.3.2.4 when using an average detector for those cases where the EUT cannot be configured to transmit continuously and the duty cycle is not constant (duty cycle variations equal or exceed 2%).

If the EUT can be configured or modified to transmit continuously ($D \geq 98\%$), measured using the following method (with EUT transmitting continuously):

Use the following spectrum analyzer settings:

Set instrument center frequency to the frequency of the emission to be measured (must be within 2 MHz of the authorized band-edge).

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

As an alternative, the detector and averaging type may be set for linear voltage averaging.

Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the analyzer's band-power

measurement function with band limits set equal to the emission frequency (femission) ± 0.5 MHz. If the instrument does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by femission) ± 0.5 MHz.

If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less $\pm 2\%$), then the following procedure may be used to measure the average power of unwanted emissions within 2 MHz of the authorized band-edge:

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$. Satisfying this condition might require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

Averaging type = power (i.e., rms):

- 1) As an alternative, the detector and averaging type may be set for linear voltage averaging
- 2) Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the instrument's band-power measurement function with band limits set equal to the emission frequency (femission) ± 0.5 MHz. If the spectrum analyzer does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by femission ± 0.5 MHz.

A correction factor shall be added to the measurement results prior to comparing with the emission limit to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:

1) If power averaging (rms) mode was used in step f), then the applicable correction factor is $[10 \log (1 / D)]$, where D is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $[20 \log (1 / D)]$, where D is the duty cycle.

3) If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and

OFF with the transmit cycle, then no duty cycle correction is required for that emission.

Reduction of the measured emission amplitude levels to account for operational duty cycle is not permitted. Determining compliance is based on emission levels occurring during transmission—it is not based on an average across ON and OFF times of the transmitter.

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.

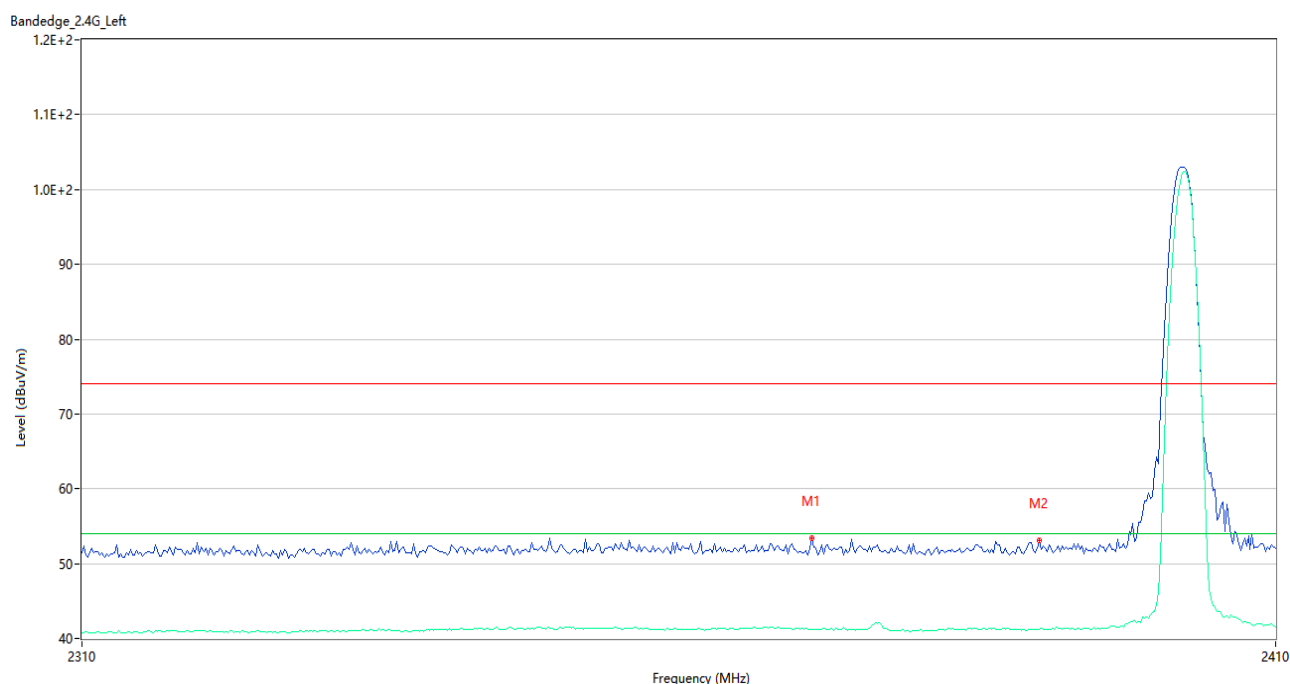
Note ⁴: The Level (dBuV/m) has been corrected by factor.

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

Test Data and Plots

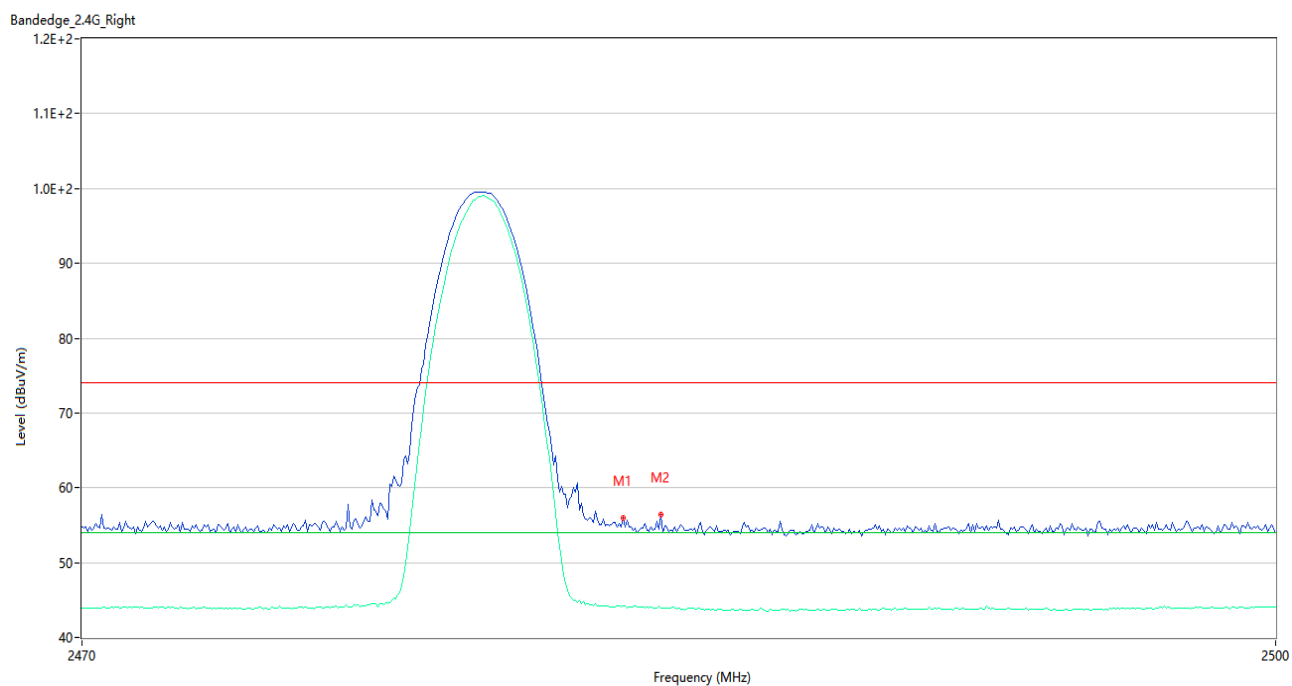
Left Ear

GFSK LOW CHANNEL



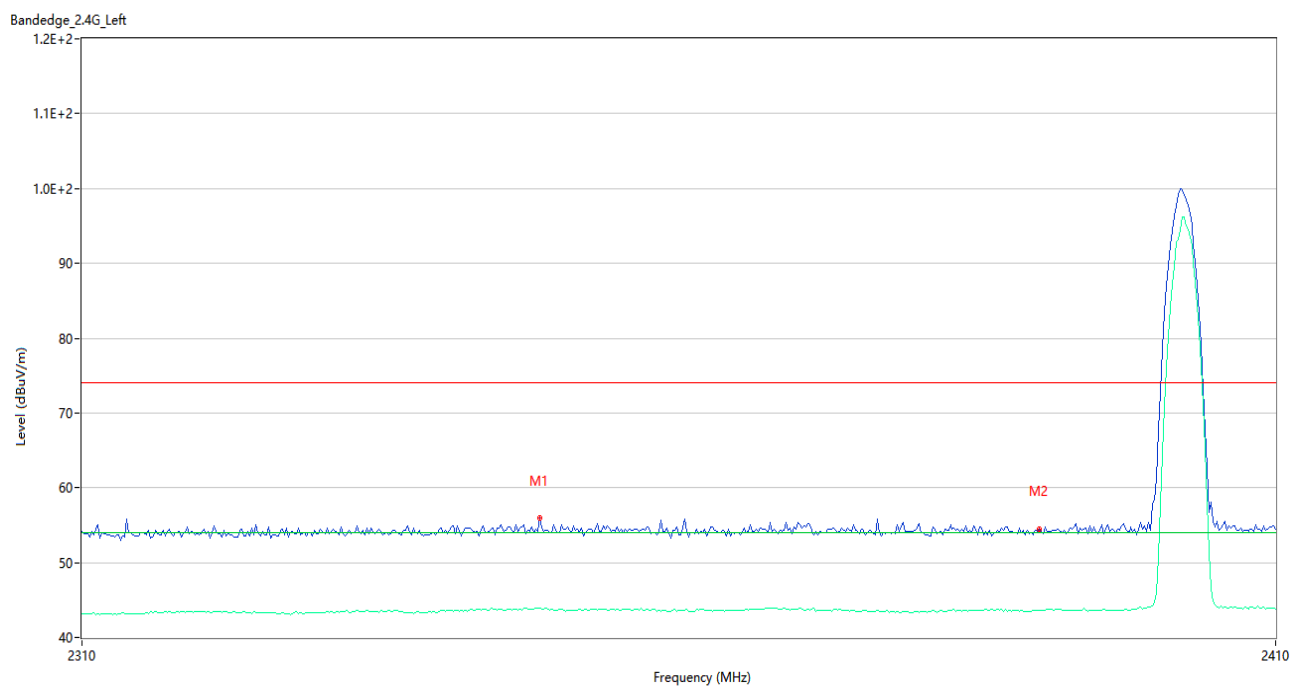
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2370.667	53.39	74.0	20.61	Peak	126.00	200	Vertical	Pass
1**	2370.667	41.25	54.0	12.75	AV	126.00	200	Vertical	Pass
2	2389.833	53.09	74.0	20.91	Peak	290.00	100	Vertical	Pass
2**	2389.833	41.15	54.0	12.85	AV	290.00	100	Vertical	Pass

GFSK HIGH CHANNEL



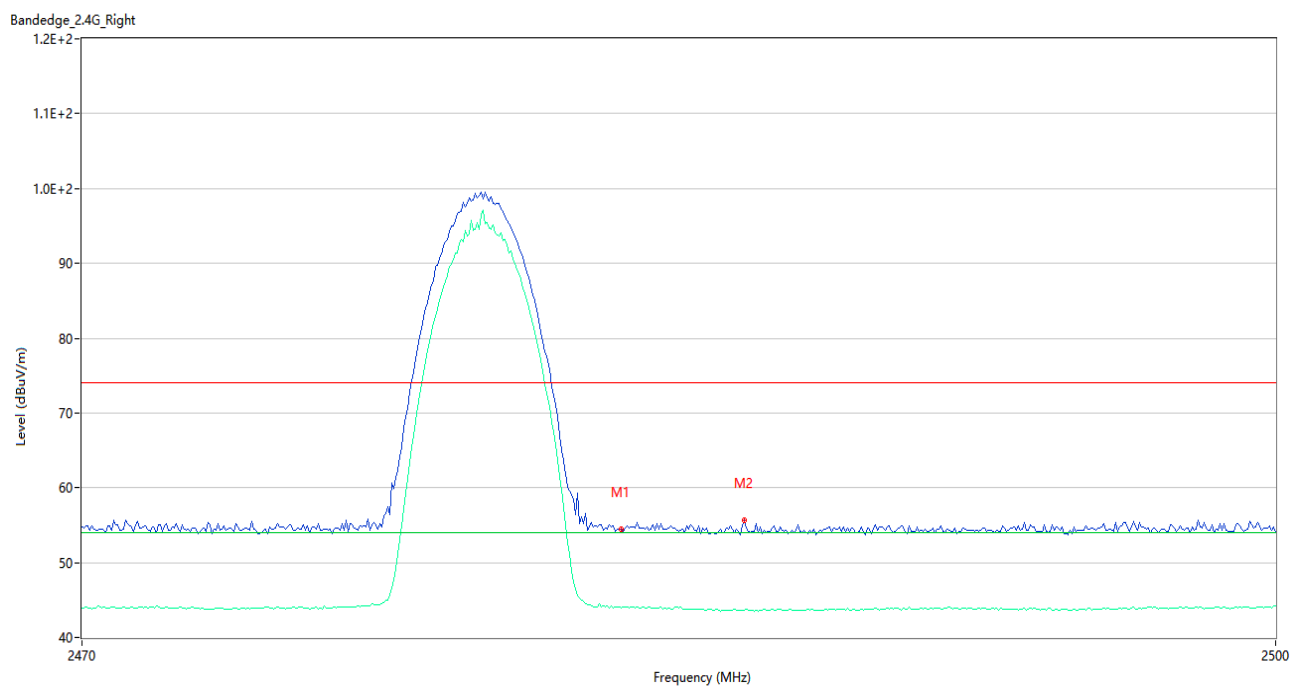
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	56.01	74.0	17.99	Peak	124.00	150	Vertical	Pass
1**	2483.550	44.24	54.0	9.76	AV	124.00	150	Vertical	Pass
2	2484.500	56.41	74.0	17.59	Peak	274.00	100	Vertical	Pass
2**	2484.500	43.95	54.0	10.05	AV	274.00	100	Vertical	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2347.833	55.90	74.0	18.10	Peak	40.00	100	Vertical	Pass
1**	2347.833	43.88	54.0	10.12	AV	40.00	100	Vertical	Pass
2	2389.833	54.52	74.0	19.48	Peak	189.00	200	Vertical	Pass
2**	2389.833	43.68	54.0	10.32	AV	189.00	200	Vertical	Pass

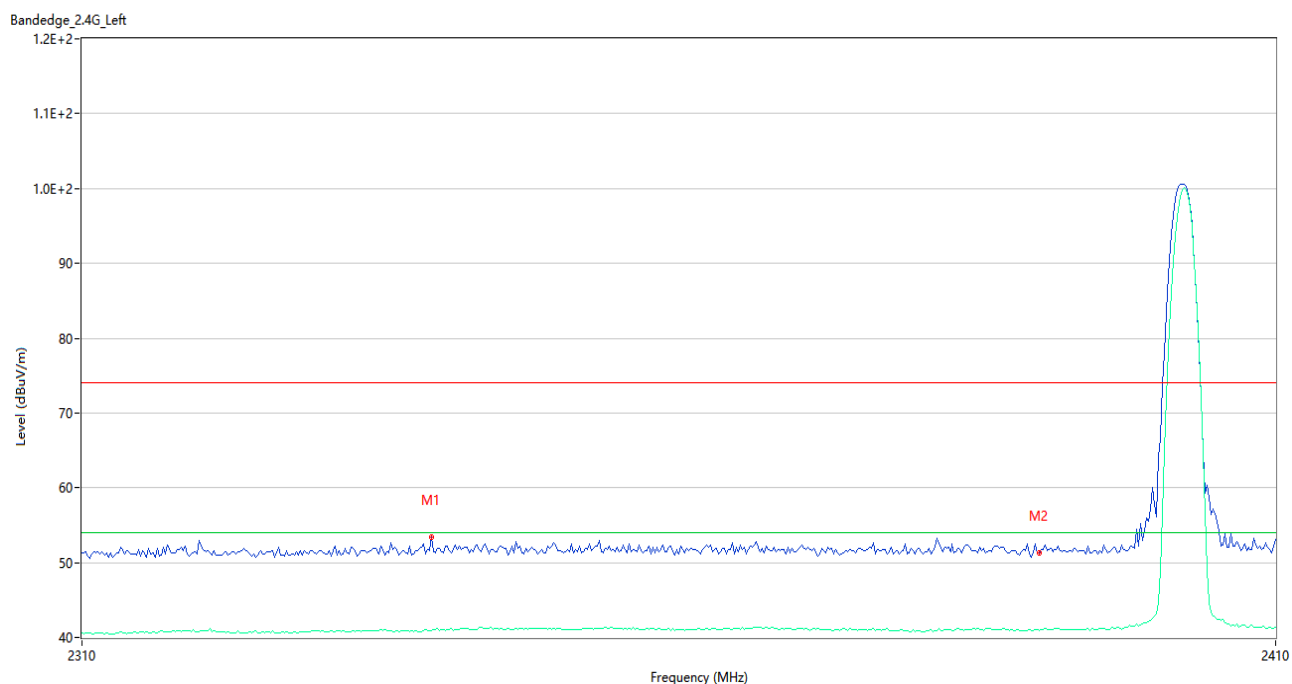
8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.40	74.0	19.60	Peak	130.00	200	Vertical	Pass
1**	2483.500	43.87	54.0	10.13	AV	130.00	200	Vertical	Pass
2	2486.600	55.67	74.0	18.33	Peak	353.00	100	Vertical	Pass
2**	2486.600	43.66	54.0	10.34	AV	353.00	100	Vertical	Pass

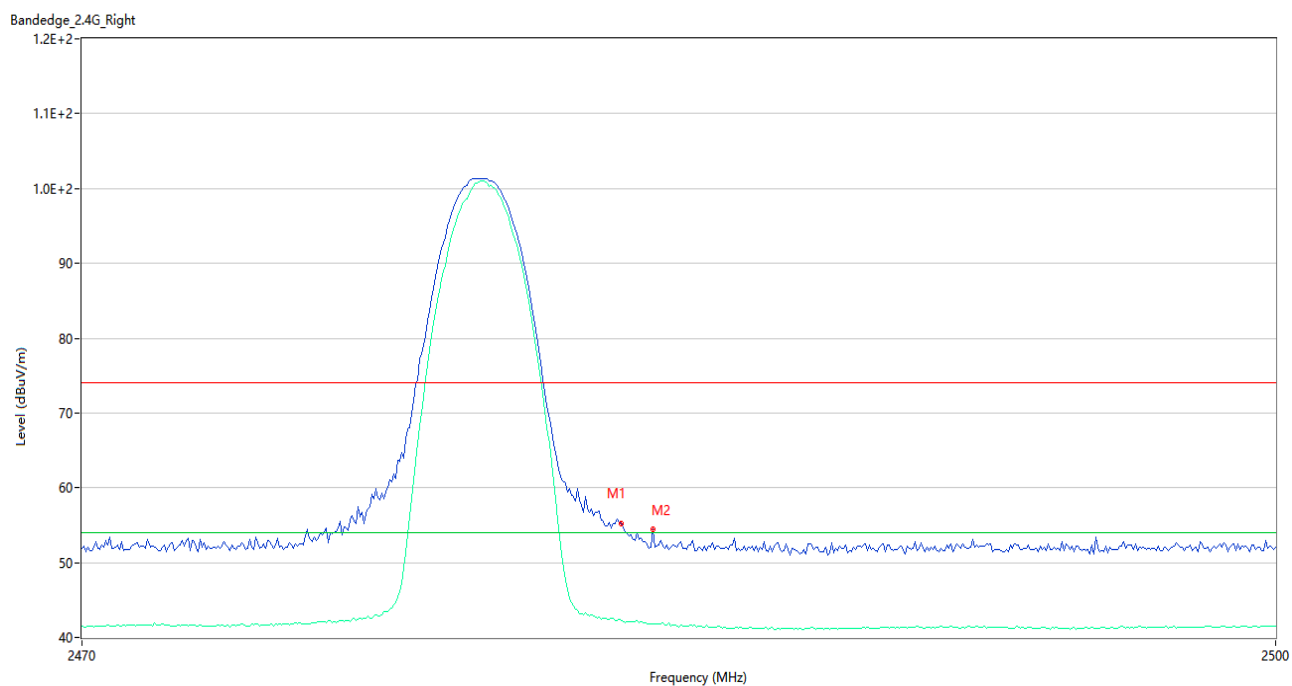
Right Ear

GFSK LOW CHANNEL



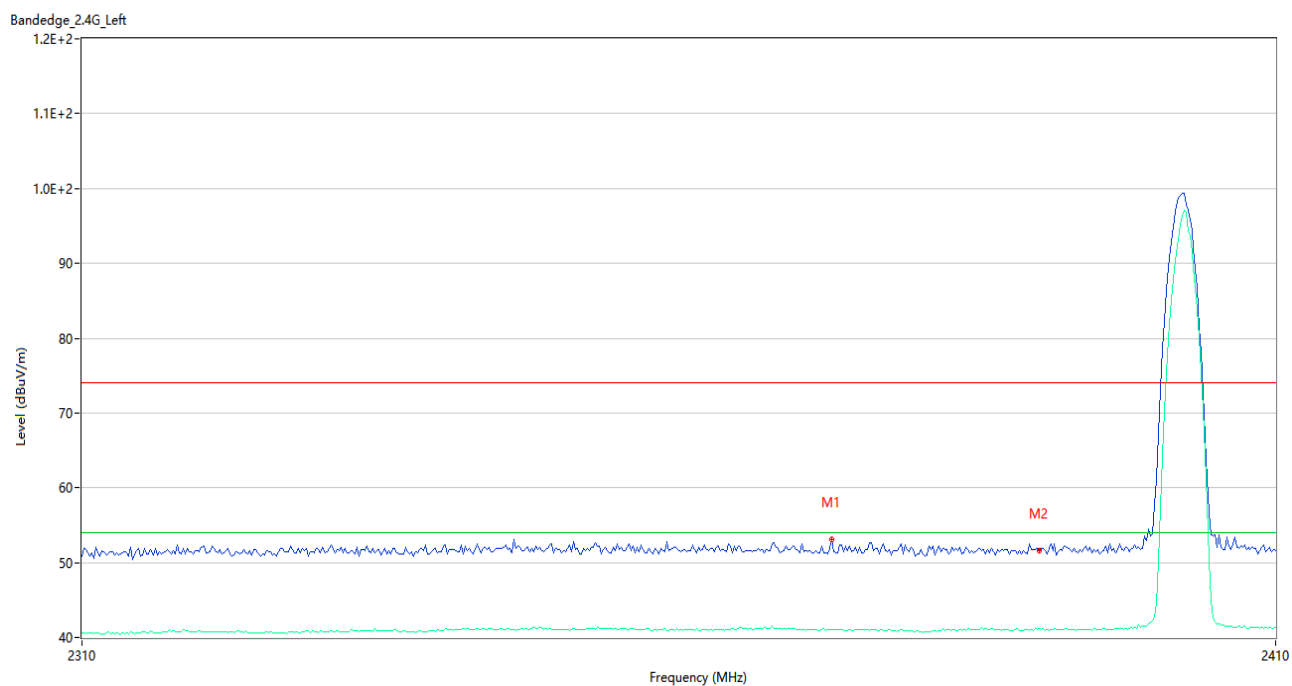
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2338.833	53.37	74.0	20.63	Peak	184.00	200	Horizontal	Pass
1**	2338.833	40.88	54.0	13.12	AV	184.00	200	Horizontal	Pass
2	2389.833	51.32	74.0	22.68	Peak	277.00	150	Horizontal	Pass
2**	2389.833	40.98	54.0	13.02	AV	277.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



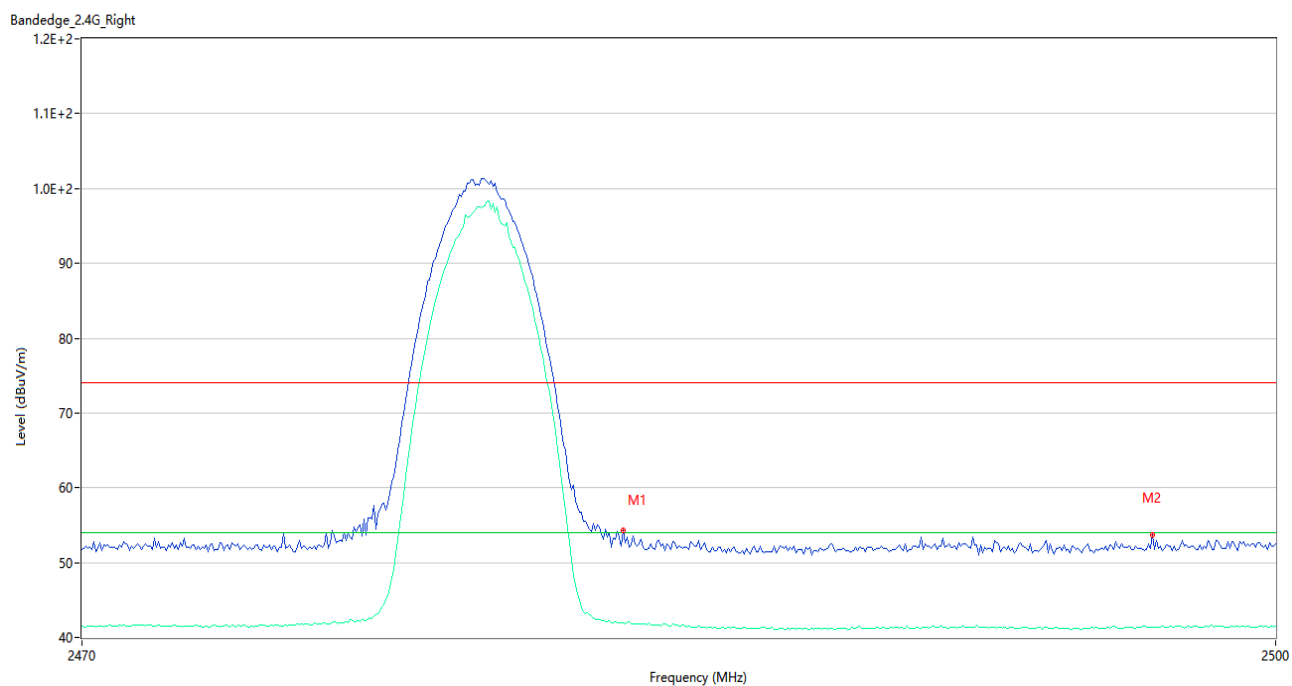
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.22	74.0	18.78	Peak	0.00	100	Horizontal	Pass
1**	2483.500	42.31	54.0	11.69	AV	0.00	100	Horizontal	Pass
2	2484.300	54.41	74.0	19.59	Peak	138.00	150	Horizontal	Pass
2**	2484.300	41.84	54.0	12.16	AV	138.00	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	2372.333	53.08	74.0	20.92	Peak	114.00	200	Horizontal	Pass
1**	2372.333	40.99	54.0	13.01	AV	114.00	200	Horizontal	Pass
2	2389.833	51.56	74.0	22.44	Peak	37.00	100	Horizontal	Pass
2**	2389.833	41.13	54.0	12.87	AV	37.00	100	Horizontal	Pass

8-DPSK HIGH CHANNEL



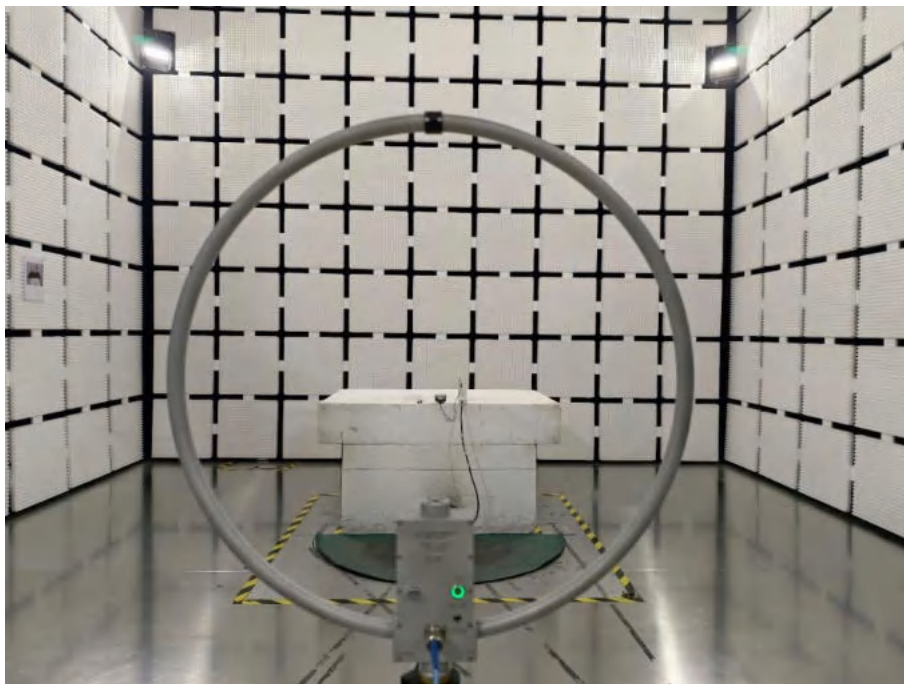
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	54.31	74.0	19.69	Peak	152.00	100	Horizontal	Pass
1**	2483.550	41.94	54.0	12.06	AV	152.00	100	Horizontal	Pass
2	2496.900	53.70	74.0	20.30	Peak	228.00	200	Horizontal	Pass
2**	2496.900	41.39	54.0	12.61	AV	228.00	200	Horizontal	Pass

ANNEX A TEST SETUP PHOTOS

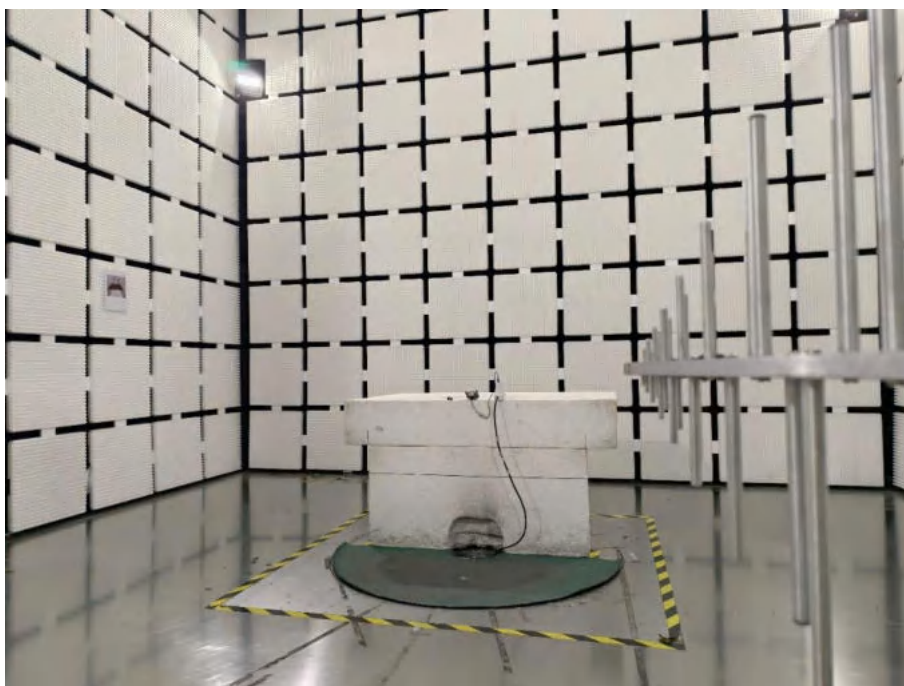
1 Radiated Test Photo

Left Ear

Below 30MHz



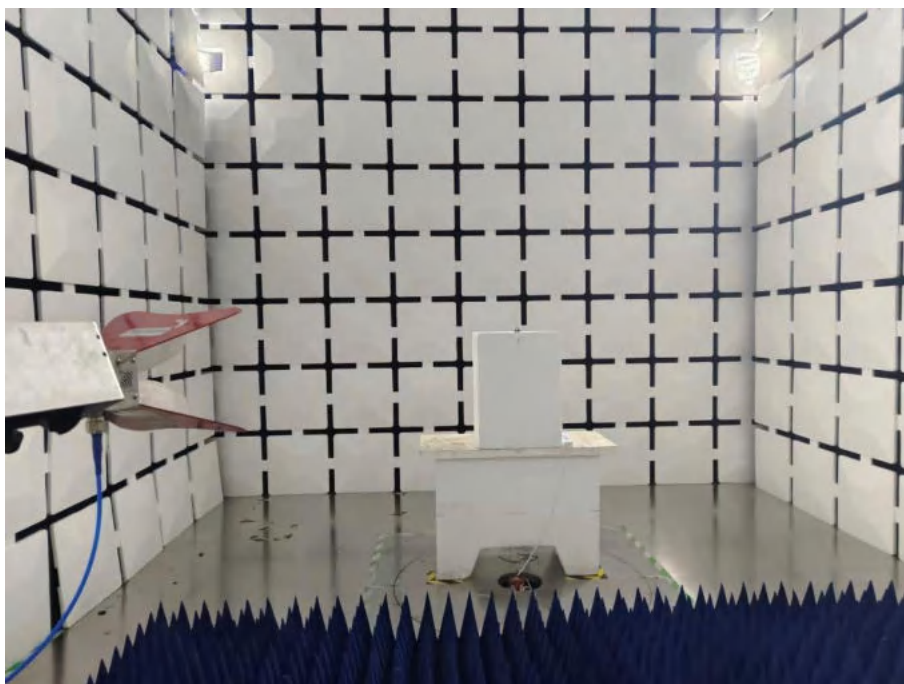
30MHz-1GHz



Close-up



Above 1GHz

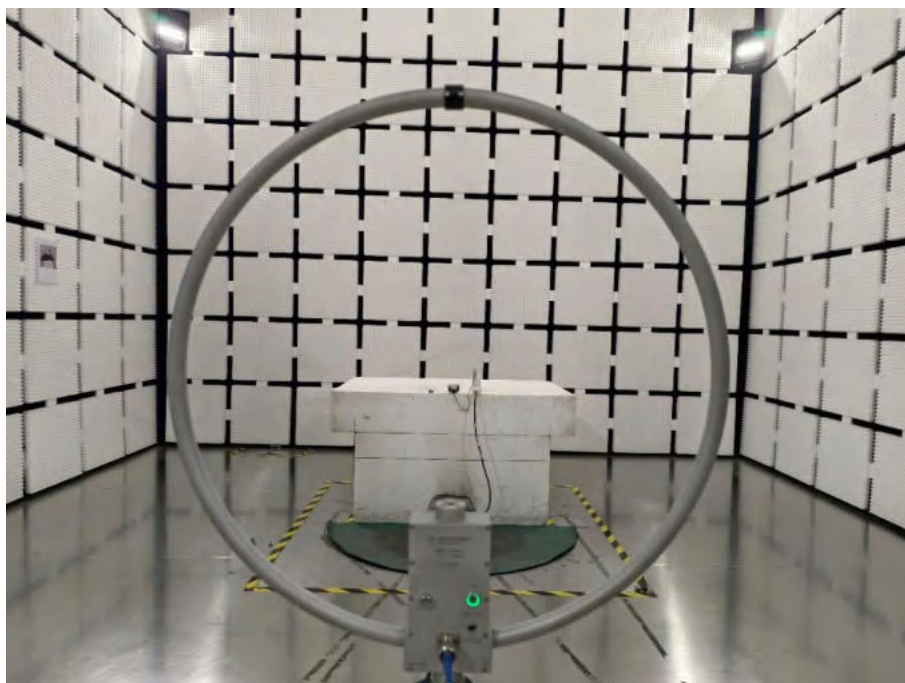


Close-up

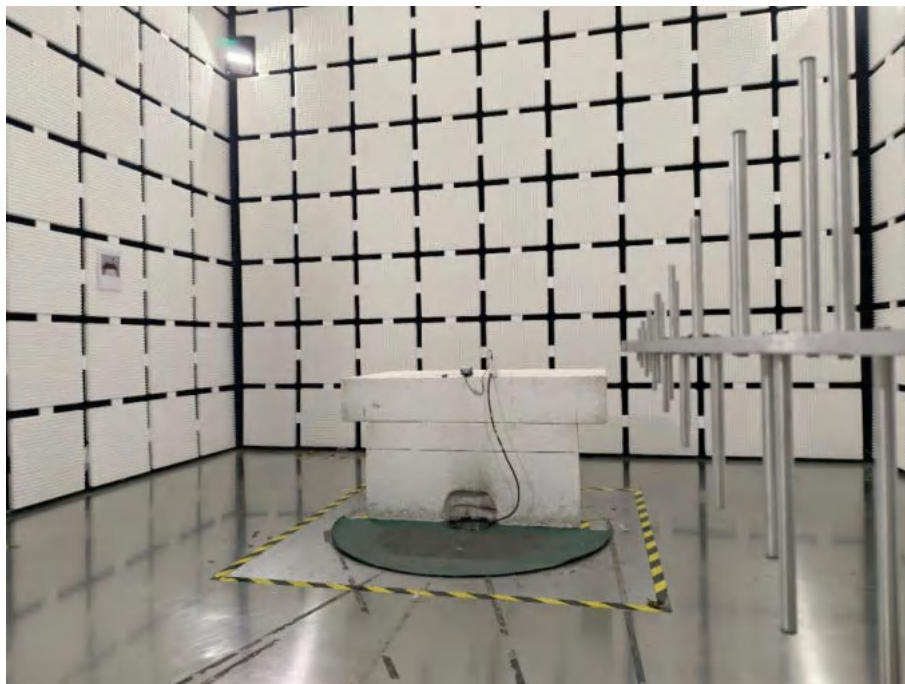


Right Ear

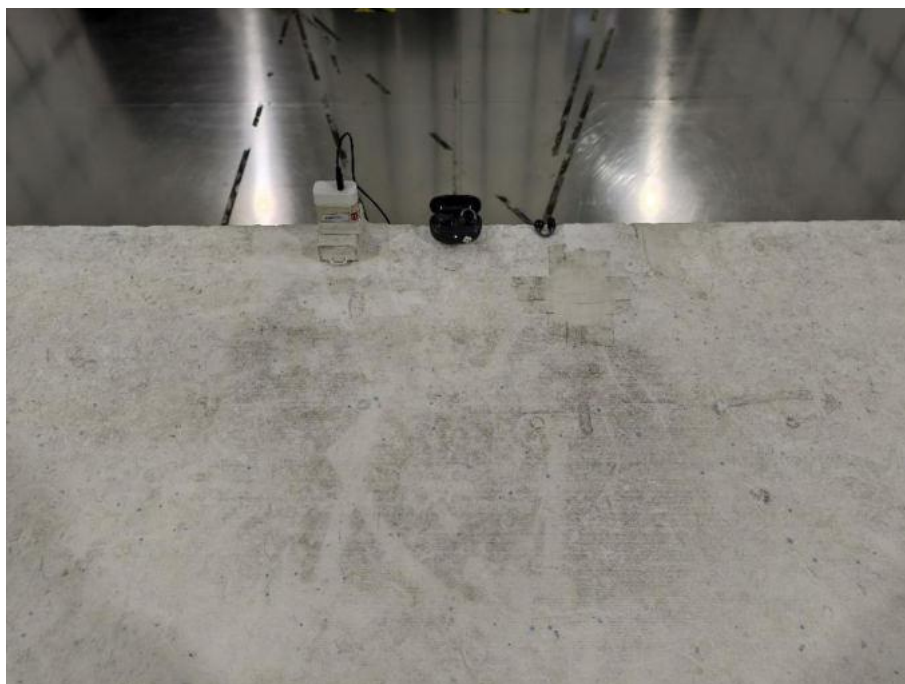
Below 30MHz



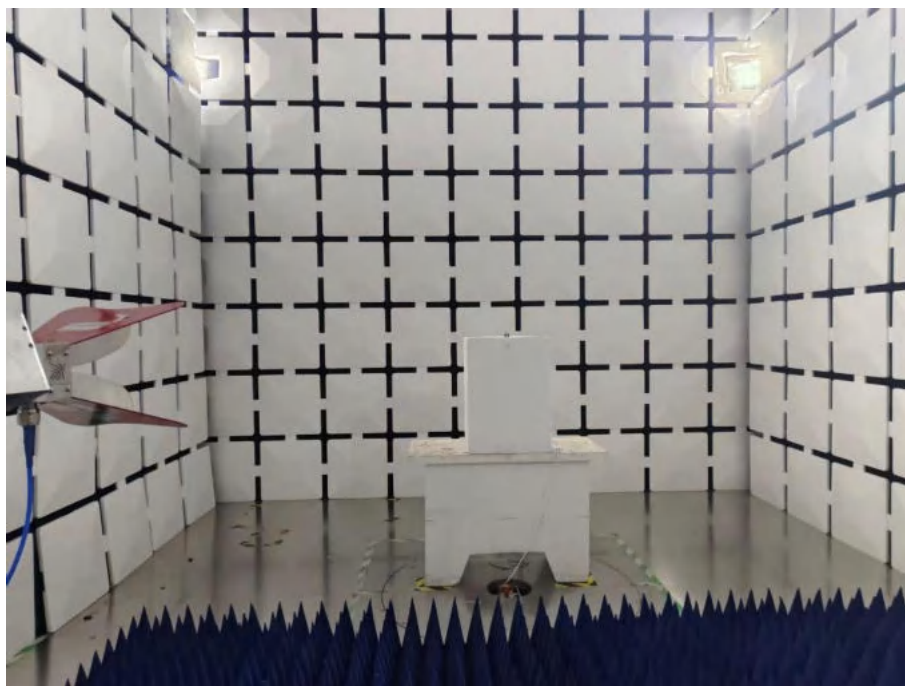
30MHz-1GHz



Close-up



Above 1GHz



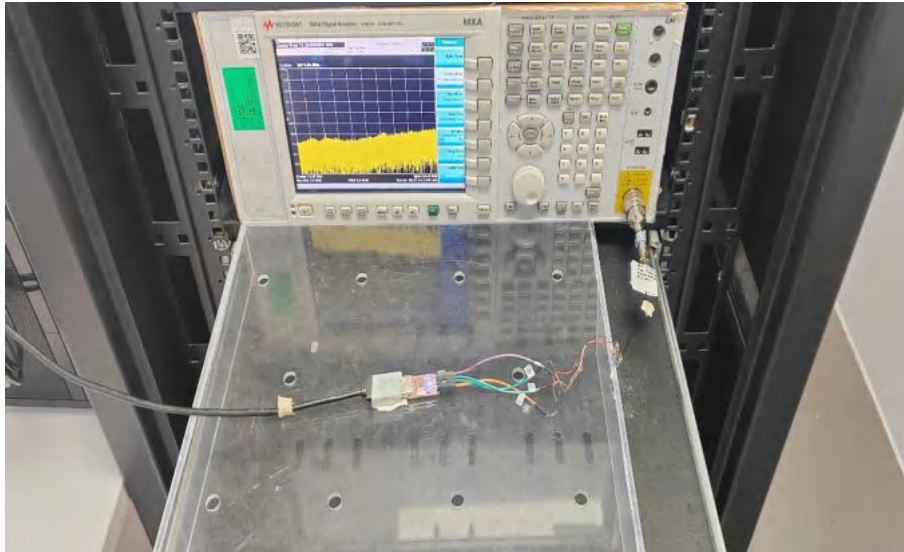
Close-up



2 Conducted Test Photo

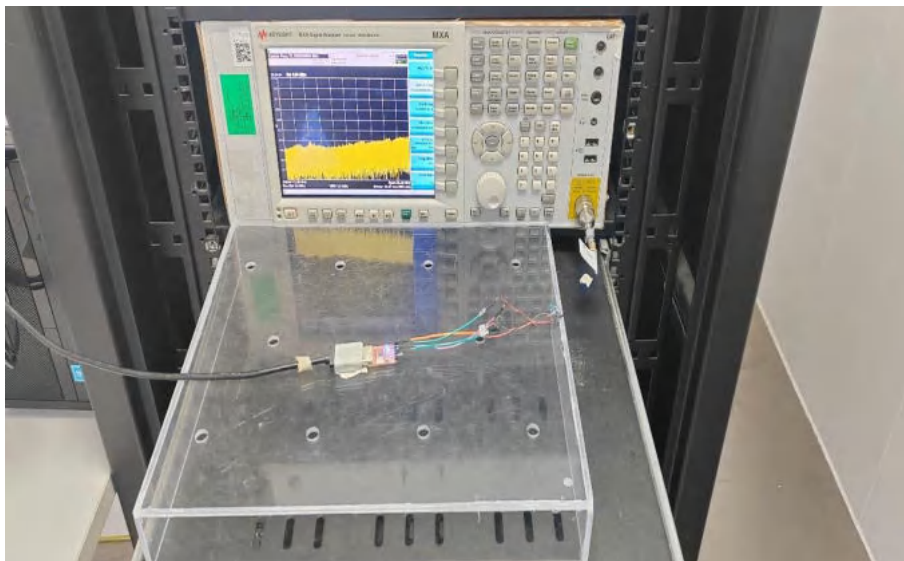
Left Ear

Conducted Test



Right Ear

Conducted Test



3 Conducted Emission

Photo 1

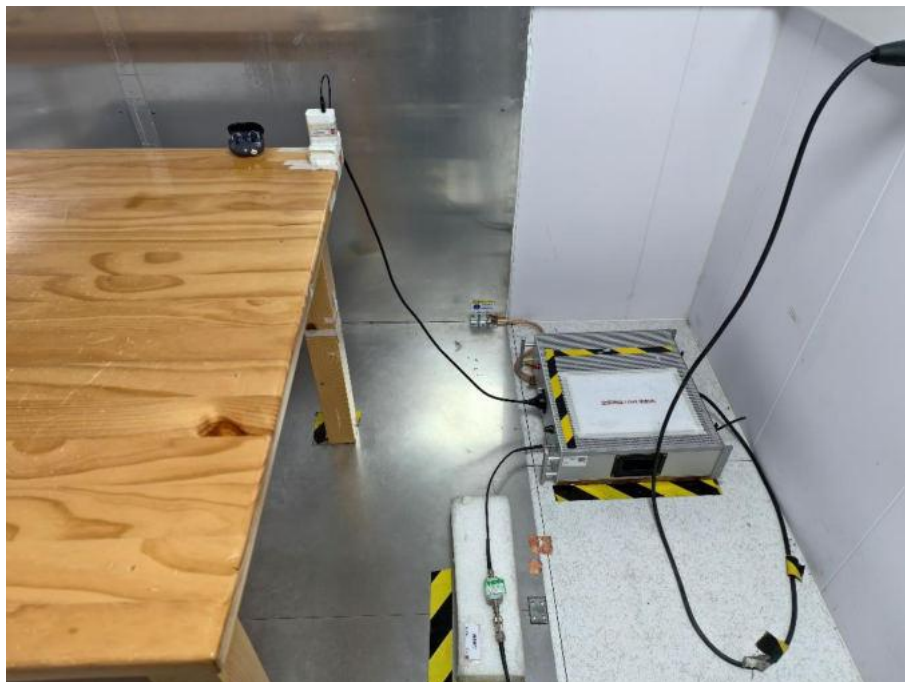


Photo 2



ANNEX B EUT EXTERNAL PHOTOS

Black

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-Charging Case



Gray

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-Charging Case



Accessory-USB Cable 1

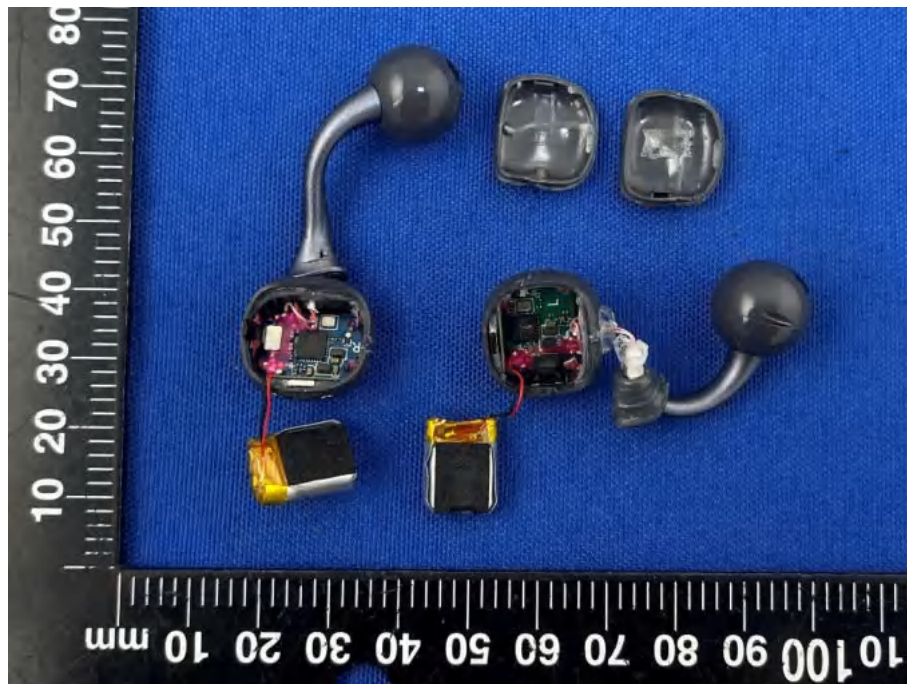


Accessory-USB Cable 2



ANNEX C EUT INTERNAL PHOTOS

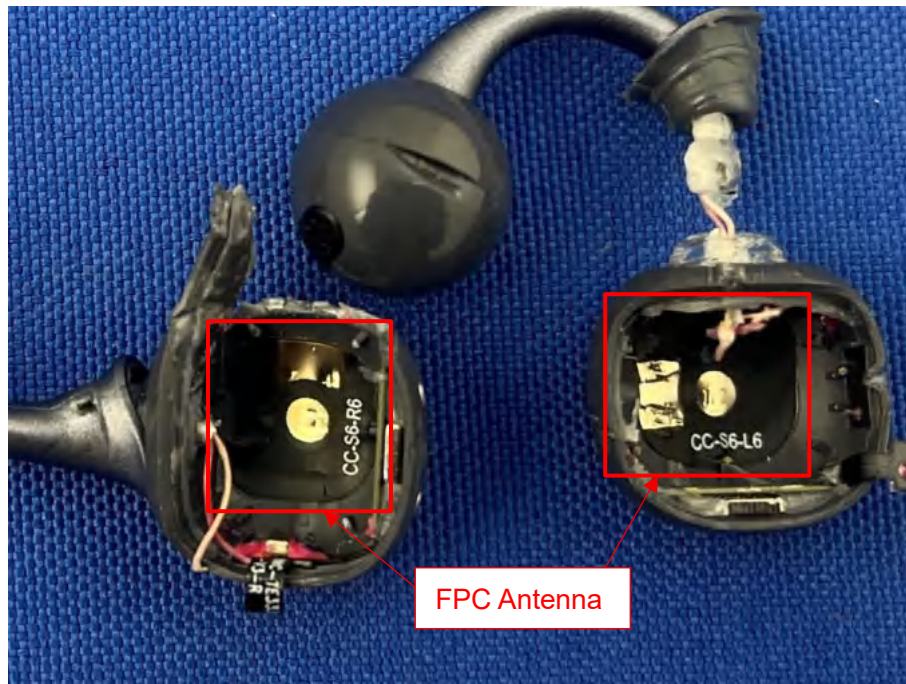
EUT UNCOVER VIEW 1



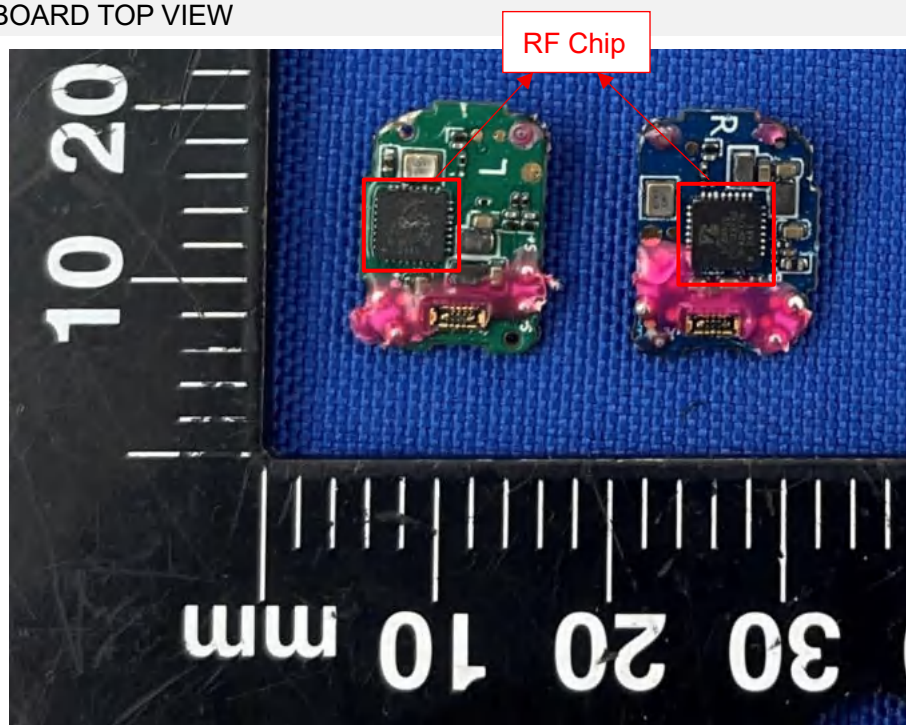
EUT UNCOVER VIEW 2



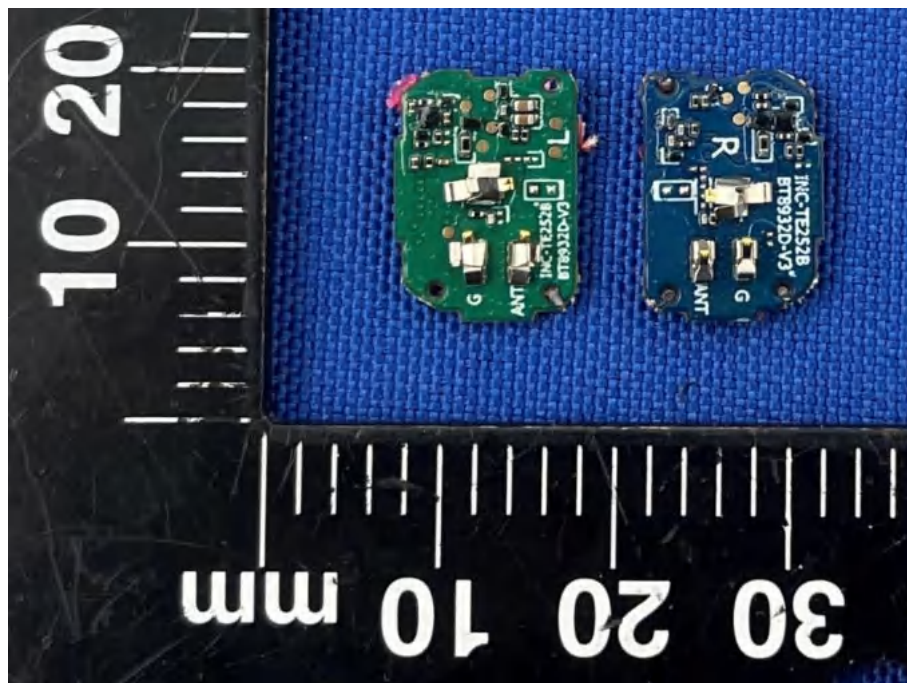
CLOSE-UP



MAIN BOARD TOP VIEW



MAIN BOARD REAR VIEW



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