

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.

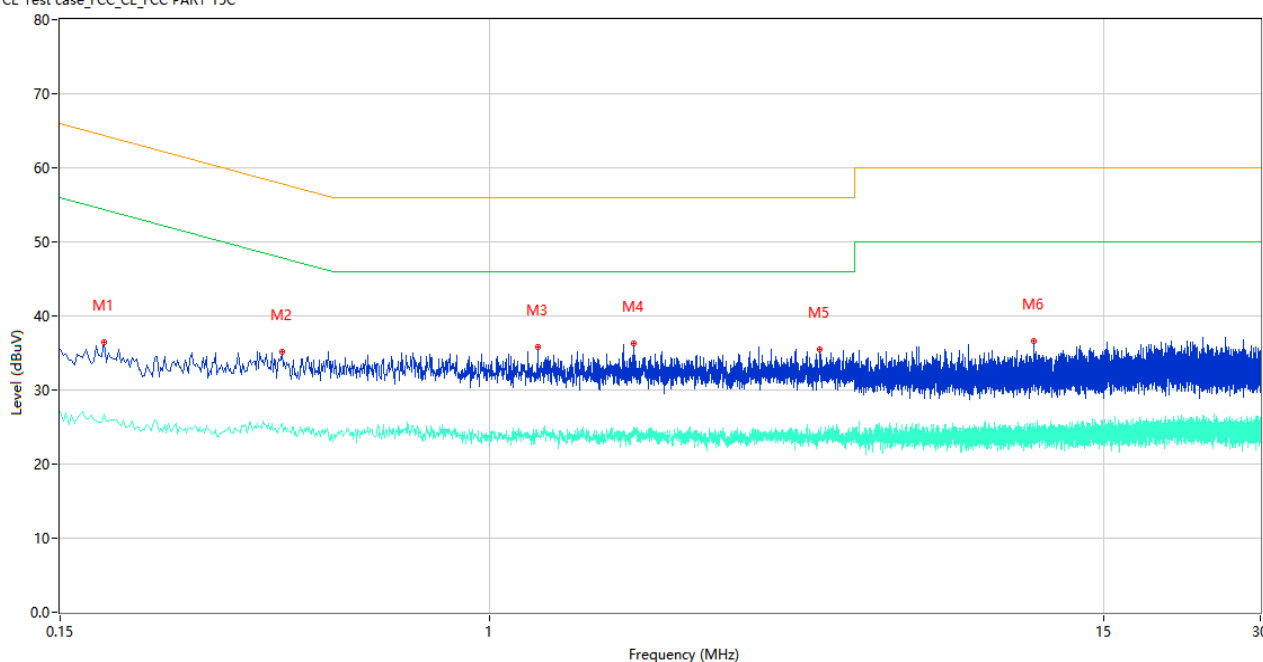
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

Left Ear

PHASE L

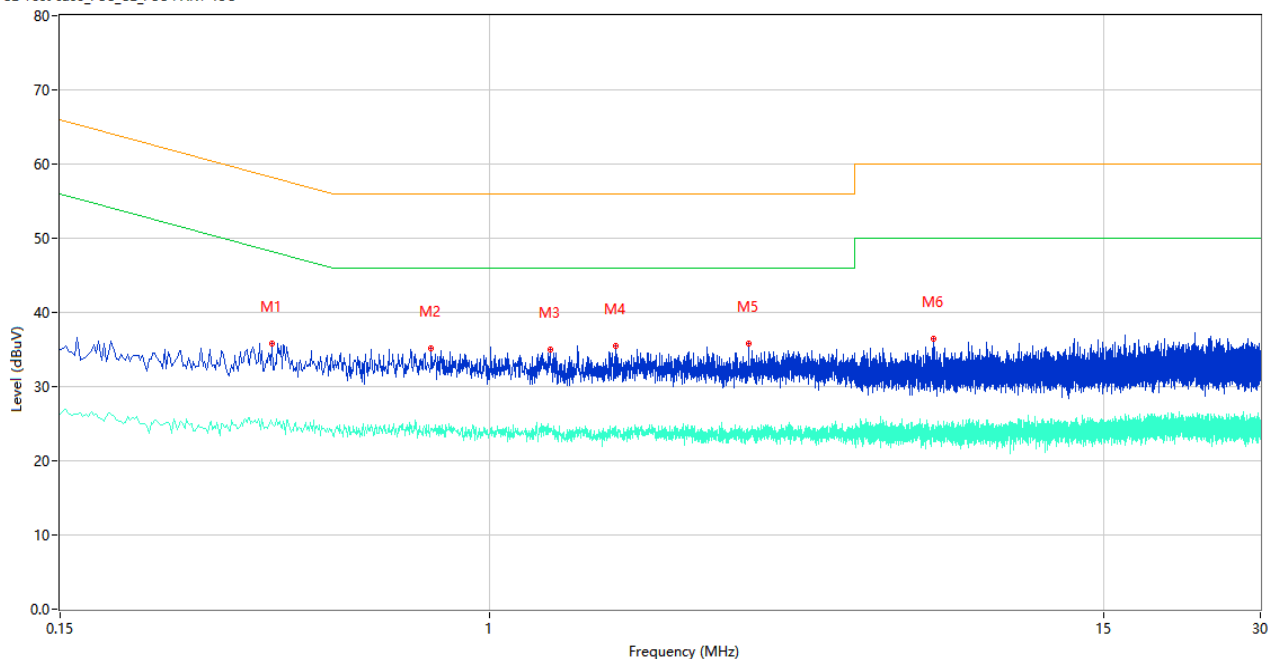
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	36.45	9.84	64.39	27.94	Peak	L	Pass
1**	0.182	26.77	9.84	54.39	27.62	AV	L	Pass
2	0.400	35.13	10.61	57.85	22.72	Peak	L	Pass
2**	0.400	25.51	10.61	47.85	22.34	AV	L	Pass
3	1.236	35.82	10.36	56.00	20.18	Peak	L	Pass
3**	1.236	23.92	10.36	46.00	22.08	AV	L	Pass
4	1.884	36.37	10.62	56.00	19.63	Peak	L	Pass
4**	1.884	23.70	10.62	46.00	22.30	AV	L	Pass
5	4.296	35.48	10.48	56.00	20.52	Peak	L	Pass
5**	4.296	24.03	10.48	46.00	21.97	AV	L	Pass
6	11.024	36.61	10.61	60.00	23.39	Peak	L	Pass
6**	11.024	24.76	10.61	50.00	25.24	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

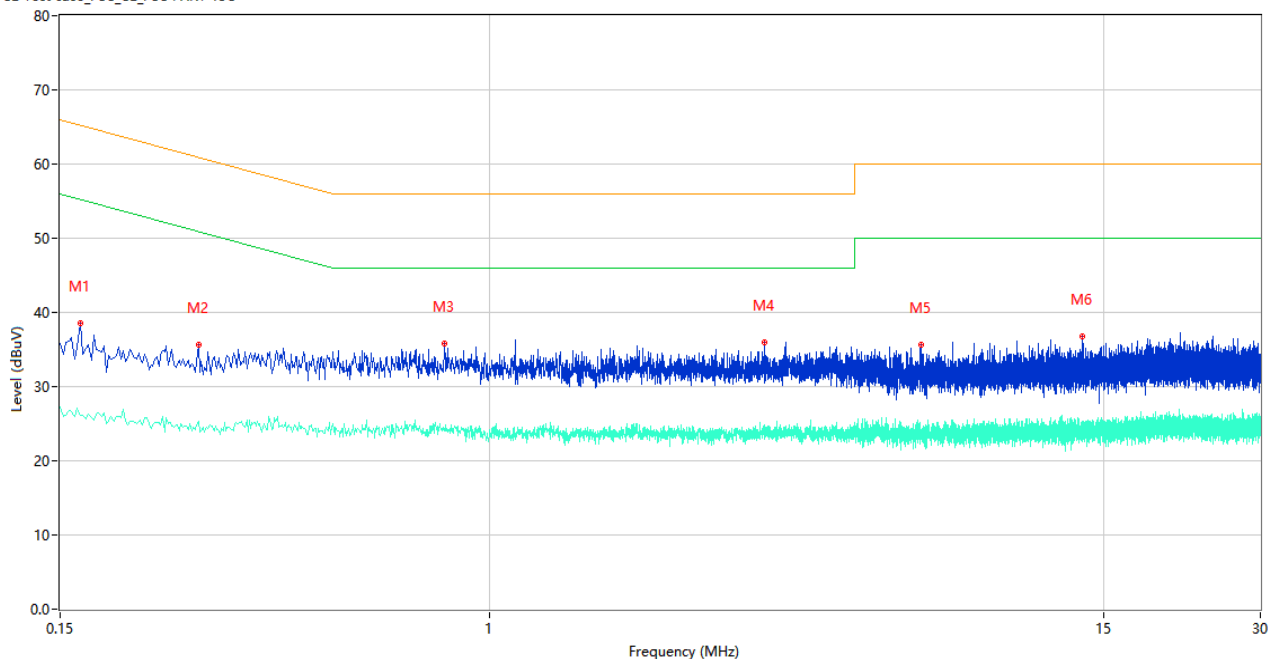


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.382	35.87	10.69	58.24	22.37	Peak	N	Pass
1**	0.382	25.14	10.69	48.24	23.10	AV	N	Pass
2	0.772	35.09	10.39	56.00	20.91	Peak	N	Pass
2**	0.772	24.37	10.39	46.00	21.63	AV	N	Pass
3	1.306	34.97	10.50	56.00	21.03	Peak	N	Pass
3**	1.306	23.80	10.50	46.00	22.20	AV	N	Pass
4	1.744	35.40	10.20	56.00	20.60	Peak	N	Pass
4**	1.744	24.62	10.20	46.00	21.38	AV	N	Pass
5	3.132	35.75	10.00	56.00	20.25	Peak	N	Pass
5**	3.132	23.26	10.00	46.00	22.74	AV	N	Pass
6	7.104	36.45	10.37	60.00	23.55	Peak	N	Pass
6**	7.104	23.42	10.37	50.00	26.58	AV	N	Pass

Right Ear

PHASE L

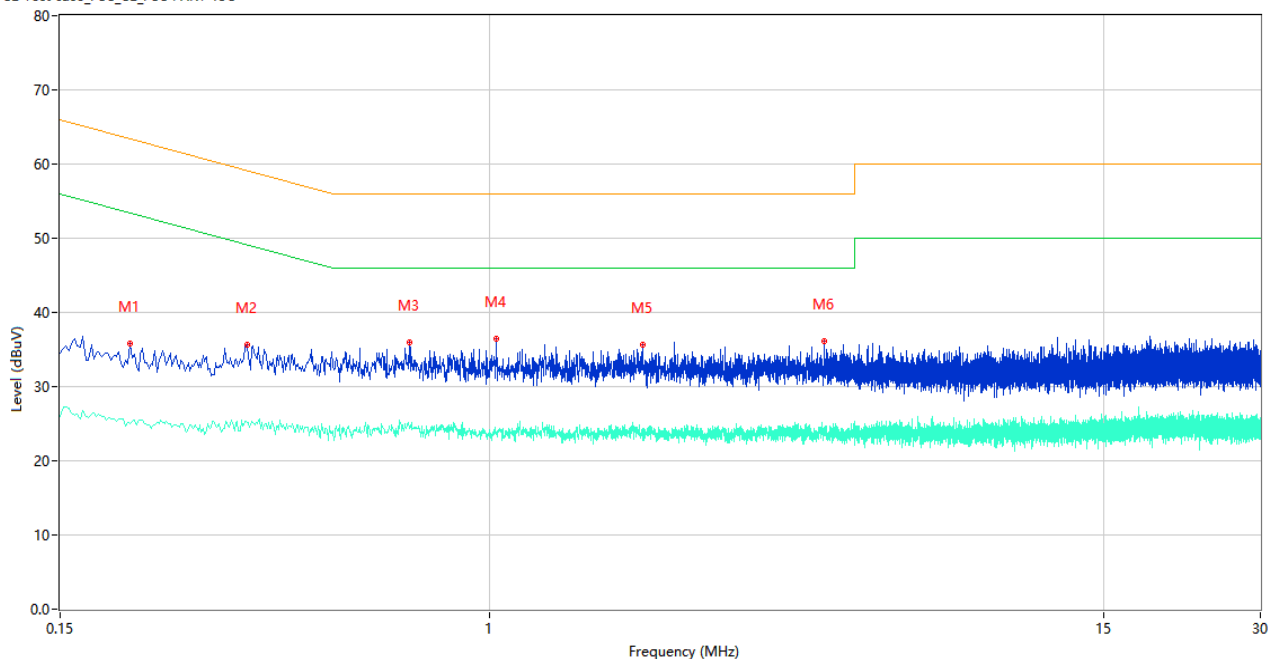
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	38.49	9.85	65.26	26.77	Peak	L	Pass
1**	0.164	26.15	9.85	55.26	29.11	AV	L	Pass
2	0.276	35.63	9.82	60.94	25.31	Peak	L	Pass
2**	0.276	25.39	9.82	50.94	25.55	AV	L	Pass
3	0.820	35.75	10.62	56.00	20.25	Peak	L	Pass
3**	0.820	24.04	10.62	46.00	21.96	AV	L	Pass
4	3.362	35.95	10.42	56.00	20.05	Peak	L	Pass
4**	3.362	24.20	10.42	46.00	21.80	AV	L	Pass
5	6.706	35.57	10.40	60.00	24.43	Peak	L	Pass
5**	6.706	23.74	10.40	50.00	26.26	AV	L	Pass
6	13.684	36.72	10.81	60.00	23.28	Peak	L	Pass
6**	13.684	24.35	10.81	50.00	25.65	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	0.204	35.77	9.84	63.45	27.68	Peak	N	Pass
1**	0.204	25.04	9.84	53.45	28.41	AV	N	Pass
2	0.342	35.59	10.66	59.15	23.56	Peak	N	Pass
2**	0.342	25.14	10.66	49.15	24.01	AV	N	Pass
3	0.700	35.97	10.70	56.00	20.03	Peak	N	Pass
3**	0.700	24.54	10.70	46.00	21.46	AV	N	Pass
4	1.030	36.39	10.15	56.00	19.61	Peak	N	Pass
4**	1.030	23.81	10.15	46.00	22.19	AV	N	Pass
5	1.960	35.57	10.23	56.00	20.43	Peak	N	Pass
5**	1.960	24.37	10.23	46.00	21.63	AV	N	Pass
6	4.380	36.16	10.35	56.00	19.84	Peak	N	Pass
6**	4.380	23.31	10.35	46.00	22.69	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 ($\mu\text{V/m}$)	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 ($\text{dB}\mu\text{V/m}$) = $20 \times \log[\text{Field Strength } (\mu\text{V/m})]$.
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)

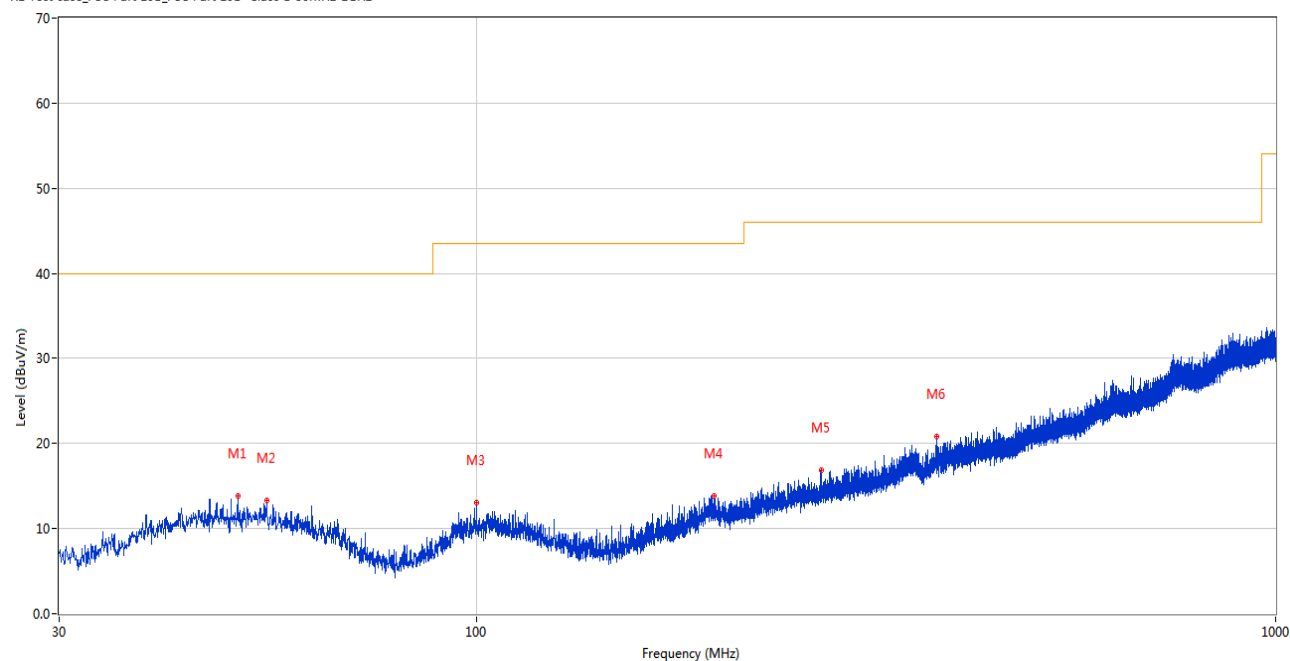
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

Left Ear

30 MHz to 1 GHz, ANT H

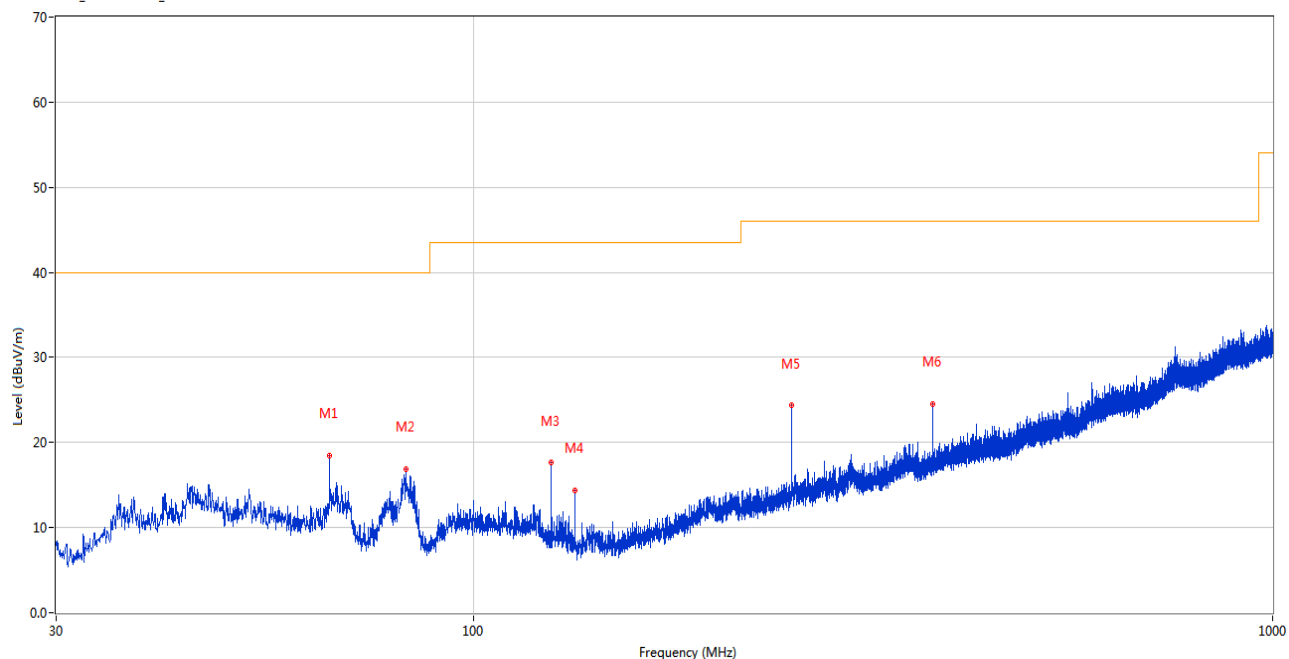
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.176	13.88	-24.09	40.0	26.12	Peak	24.60	100	Horizontal	Pass
2	54.541	13.30	-24.36	40.0	26.70	Peak	83.20	100	Horizontal	Pass
3	99.937	13.09	-25.65	43.5	30.41	Peak	103.10	100	Horizontal	Pass
4	198.247	13.90	-24.20	43.5	29.60	Peak	116.70	100	Horizontal	Pass
5	269.687	16.91	-22.41	46.0	29.09	Peak	206.20	100	Horizontal	Pass
6	376.581	20.81	-19.27	46.0	25.19	Peak	116.70	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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

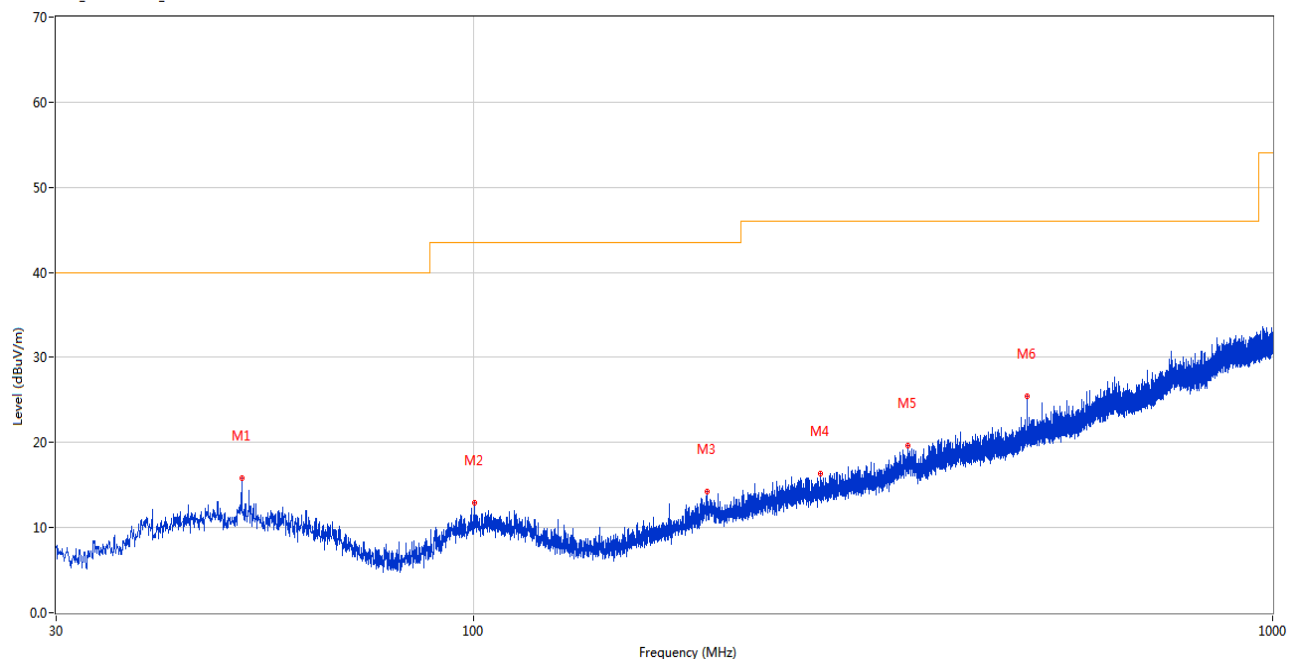


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	65.987	18.50	-26.74	40.0	21.50	Peak	33.30	100	Vertical	Pass
2	82.186	16.91	-30.22	40.0	23.09	Peak	68.80	100	Vertical	Pass
3	125.011	17.61	-27.76	43.5	25.89	Peak	46.90	100	Vertical	Pass
4	133.887	14.36	-28.49	43.5	29.14	Peak	303.10	100	Vertical	Pass
5	250.044	24.32	-22.80	46.0	21.68	Peak	95.20	100	Vertical	Pass
6	375.029	24.54	-19.33	46.0	21.46	Peak	260.60	100	Vertical	Pass

Right Ear

30 MHz to 1 GHz, ANT H

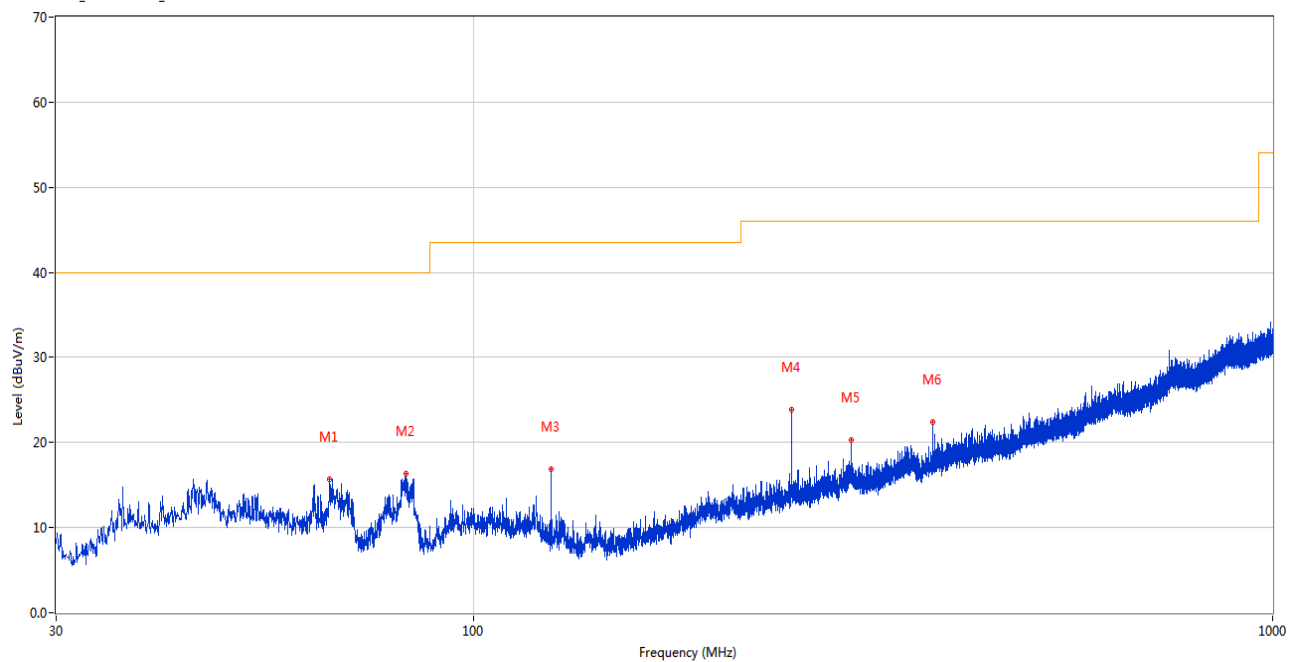
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.194	15.80	-24.09	40.0	24.20	Peak	322.50	100	Horizontal	Pass
2	100.228	12.94	-25.61	43.5	30.56	Peak	322.50	100	Horizontal	Pass
3	196.016	14.28	-24.21	43.5	29.22	Peak	360.00	100	Horizontal	Pass
4	271.578	16.38	-22.33	46.0	29.62	Peak	249.00	100	Horizontal	Pass
5	349.178	19.63	-19.22	46.0	26.37	Peak	249.00	100	Horizontal	Pass
6	492.932	25.44	-15.97	46.0	20.56	Peak	40.50	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	66.035	15.67	-26.76	40.0	24.33	Peak	115.90	100	Vertical	Pass
2	82.186	16.33	-30.22	40.0	23.67	Peak	261.50	100	Vertical	Pass
3	125.011	16.94	-27.76	43.5	26.56	Peak	148.80	100	Vertical	Pass
4	250.044	23.84	-22.80	46.0	22.16	Peak	143.00	100	Vertical	Pass
5	296.992	20.33	-21.41	46.0	25.67	Peak	52.90	100	Vertical	Pass
6	374.981	22.38	-19.33	46.0	23.62	Peak	81.80	100	Vertical	Pass

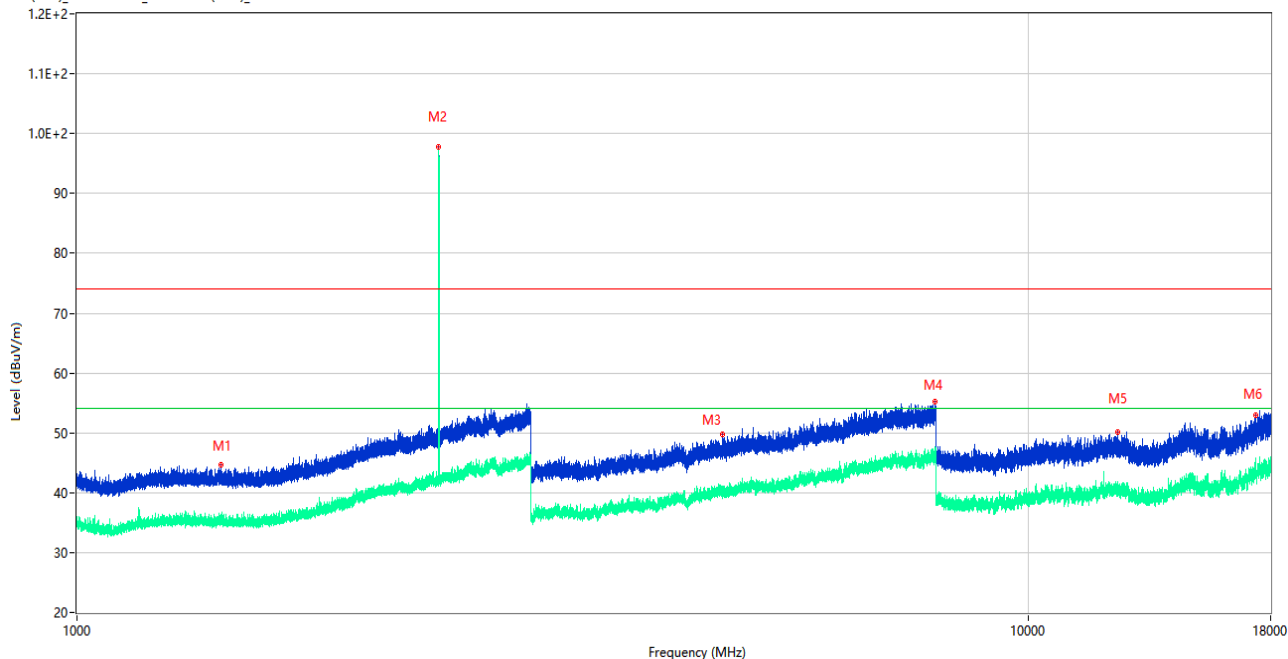
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

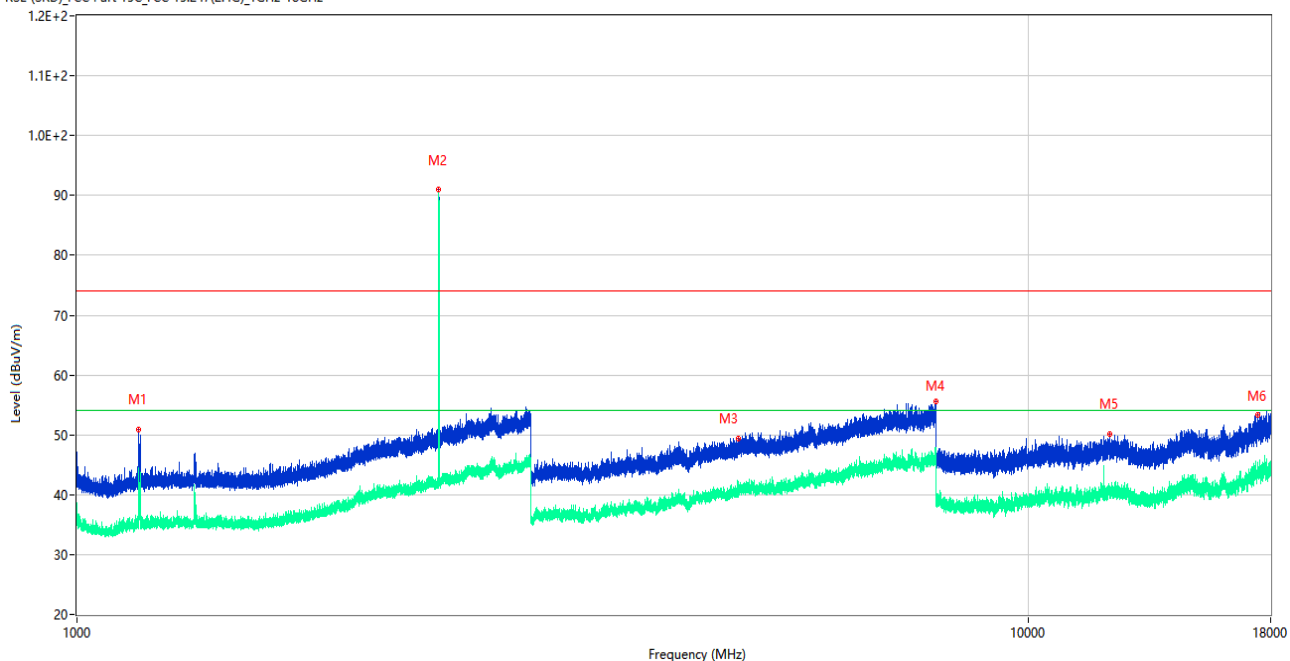
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1415.900	44.68	74.0	29.32	Peak	42.00	100	Horizontal	Pass
1**	1415.900	36.26	54.0	17.74	AV	42.00	100	Horizontal	Pass
2	2401.800	97.80	74.0	-23.80	Peak	21.00	100	Horizontal	N/A
2**	2401.800	96.70	54.0	-42.70	AV	21.00	100	Horizontal	N/A
3	4767.750	49.71	74.0	24.29	Peak	334.00	150	Horizontal	Pass
3**	4767.750	40.24	54.0	13.76	AV	334.00	150	Horizontal	Pass
4	7992.750	55.28	74.0	18.72	Peak	232.00	400	Horizontal	Pass
4**	7992.750	46.97	54.0	7.03	AV	232.00	400	Horizontal	Pass
5	12437.925	50.15	74.0	23.85	Peak	1.00	400	Horizontal	Pass
5**	12437.925	40.24	54.0	13.76	AV	1.00	400	Horizontal	Pass
6	17351.625	52.94	74.0	21.06	Peak	349.00	300	Horizontal	Pass
6**	17351.625	45.64	54.0	8.36	AV	349.00	300	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

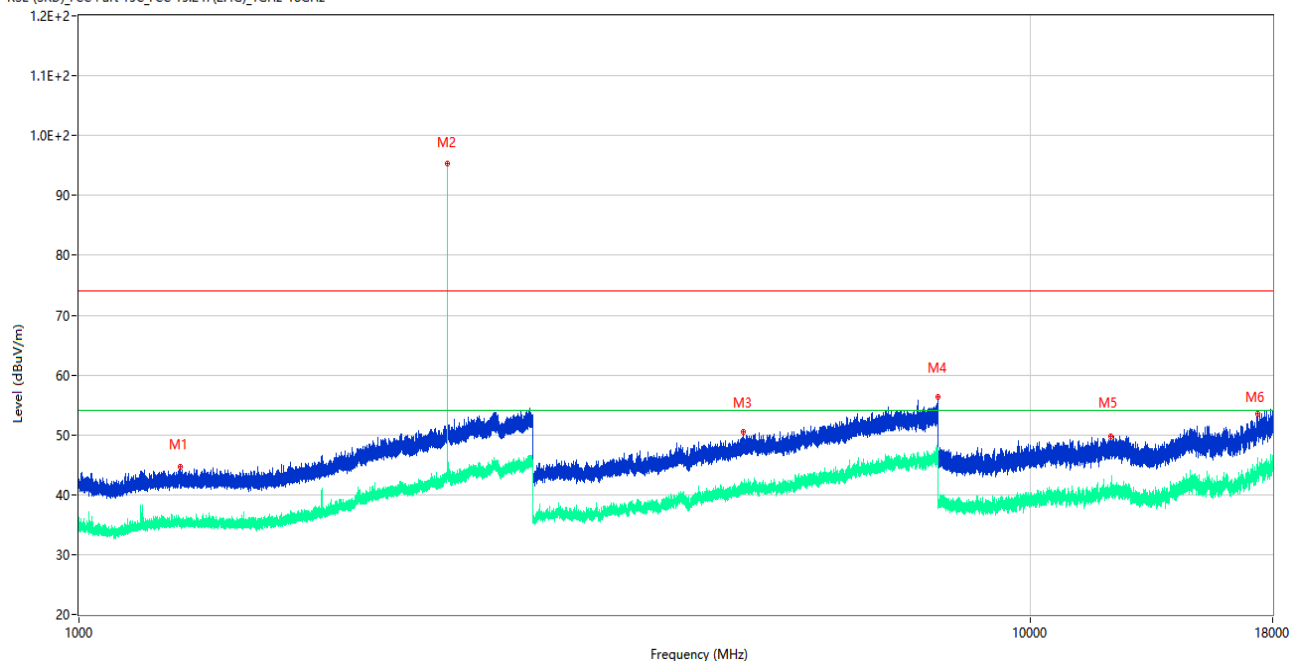
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.800	50.90	74.0	23.10	Peak	228.00	200	Vertical	Pass
1**	1161.800	35.97	54.0	18.03	AV	228.00	200	Vertical	Pass
2	2402.100	90.96	74.0	-16.96	Peak	93.00	200	Vertical	N/A
2**	2402.100	90.49	54.0	-36.49	AV	93.00	200	Vertical	N/A
3	4955.000	49.39	74.0	24.61	Peak	109.00	100	Vertical	Pass
3**	4955.000	40.95	54.0	13.05	AV	109.00	100	Vertical	Pass
4	7997.250	55.59	74.0	18.41	Peak	36.00	200	Vertical	Pass
4**	7997.250	46.83	54.0	7.17	AV	36.00	200	Vertical	Pass
5	12177.863	50.16	74.0	23.84	Peak	142.00	100	Vertical	Pass
5**	12177.863	40.13	54.0	13.87	AV	142.00	100	Vertical	Pass
6	17463.187	53.27	74.0	20.73	Peak	111.00	200	Vertical	Pass
6**	17463.187	43.89	54.0	10.11	AV	111.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

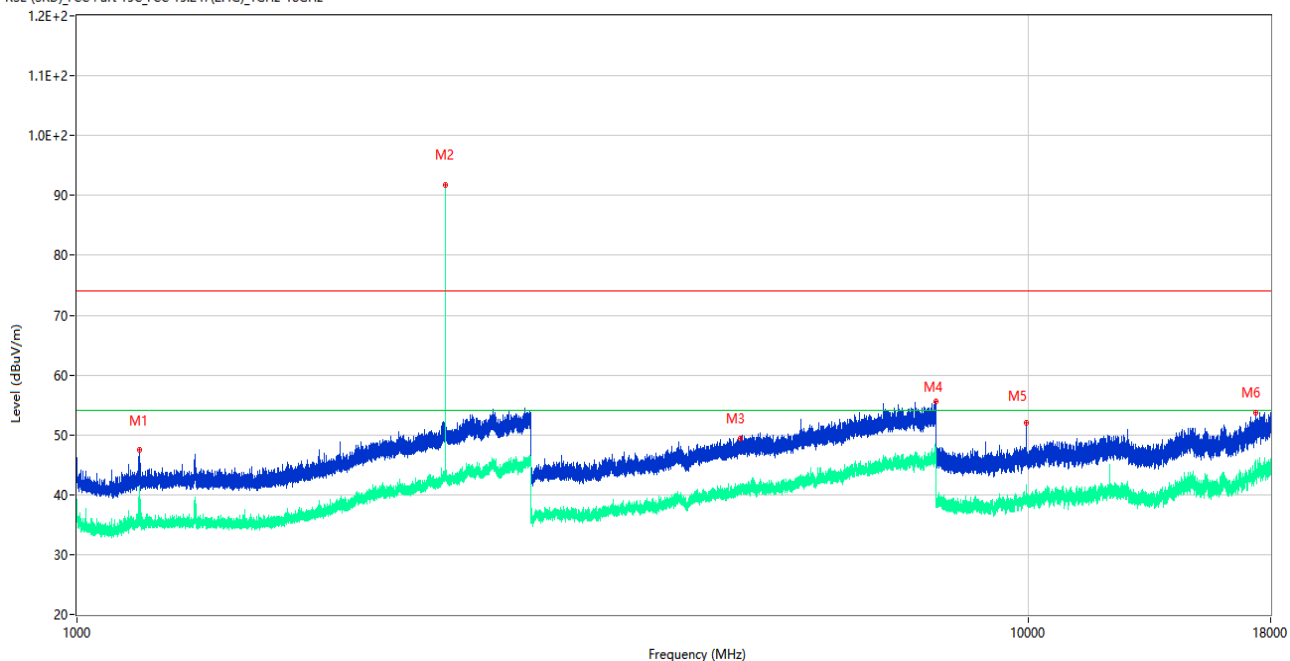
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1277.600	44.70	74.0	29.30	Peak	287.00	200	Horizontal	Pass
1**	1277.600	36.04	54.0	17.96	AV	287.00	200	Horizontal	Pass
2	2441.000	95.30	74.0	-21.30	Peak	19.00	100	Horizontal	N/A
2**	2441.000	94.63	54.0	-40.63	AV	19.00	100	Horizontal	N/A
3	4996.250	50.43	74.0	23.57	Peak	35.00	150	Horizontal	Pass
3**	4996.250	40.46	54.0	13.54	AV	35.00	150	Horizontal	Pass
4	7998.250	56.32	74.0	17.68	Peak	316.00	400	Horizontal	Pass
4**	7998.250	47.03	54.0	6.97	AV	316.00	400	Horizontal	Pass
5	12154.350	49.78	74.0	24.22	Peak	6.00	300	Horizontal	Pass
5**	12154.350	40.62	54.0	13.38	AV	6.00	300	Horizontal	Pass
6	17345.587	53.55	74.0	20.45	Peak	333.00	400	Horizontal	Pass
6**	17345.587	44.66	54.0	9.34	AV	333.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

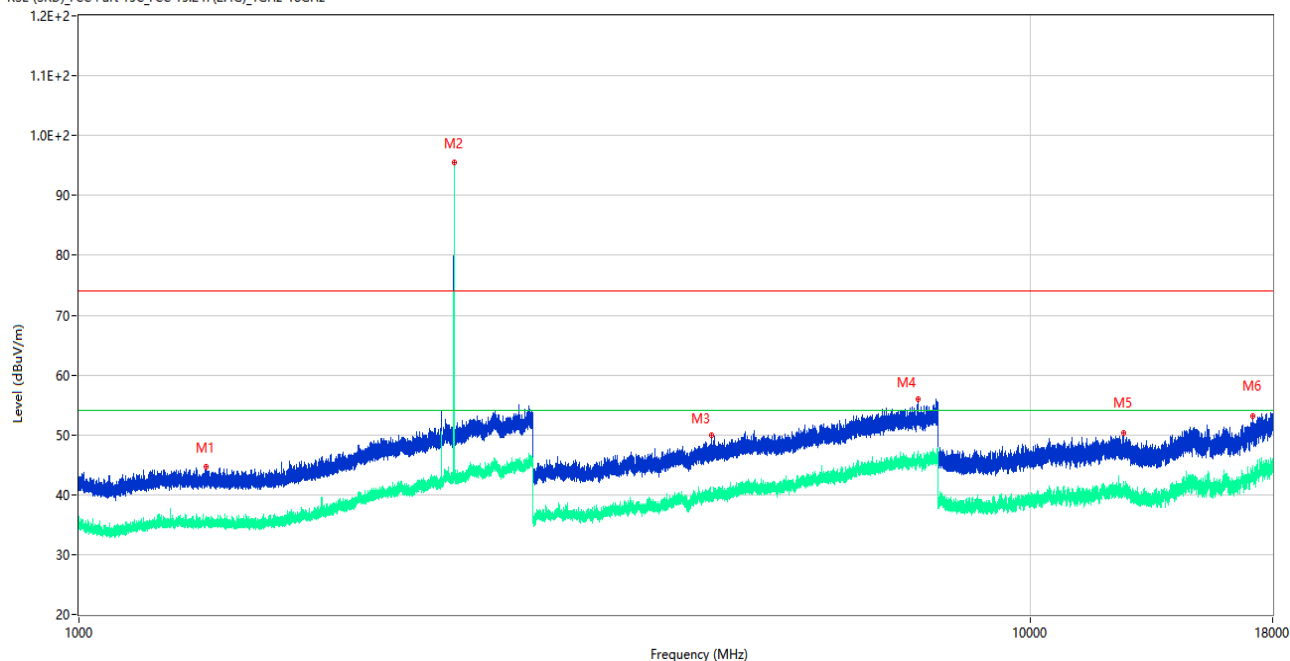
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	47.47	74.0	26.53	Peak	5.00	400	Vertical	Pass
1**	1164.100	36.22	54.0	17.78	AV	5.00	400	Vertical	Pass
2	2440.900	91.75	74.0	-17.75	Peak	86.00	100	Vertical	N/A
2**	2440.900	88.72	54.0	-34.72	AV	86.00	100	Vertical	N/A
3	4979.250	49.43	74.0	24.57	Peak	315.00	100	Vertical	Pass
3**	4979.250	41.24	54.0	12.76	AV	315.00	100	Vertical	Pass
4	7999.000	55.68	74.0	18.32	Peak	181.00	100	Vertical	Pass
4**	7999.000	46.93	54.0	7.07	AV	181.00	100	Vertical	Pass
5	9958.425	52.05	74.0	21.95	Peak	96.00	300	Vertical	Pass
5**	9958.425	39.02	54.0	14.98	AV	96.00	300	Vertical	Pass
6	17353.464	53.65	74.0	20.35	Peak	158.00	300	Vertical	Pass
6**	17353.464	44.82	54.0	9.18	AV	158.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

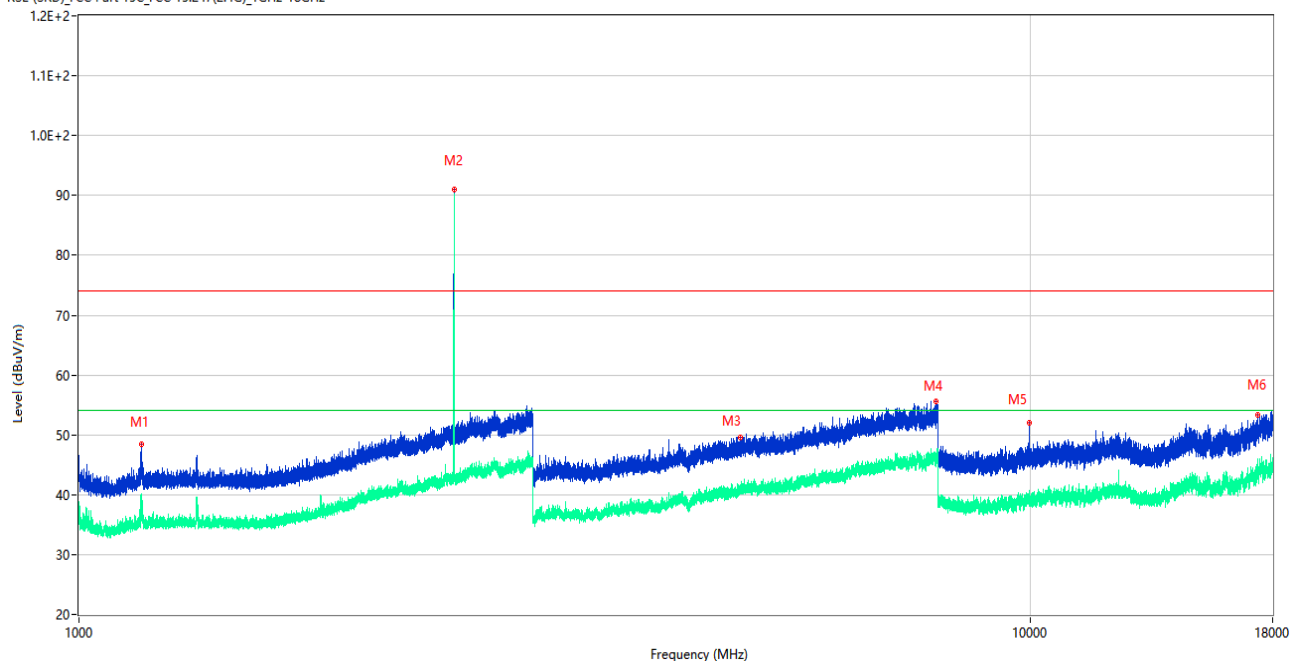
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1360.900	44.59	74.0	29.41	Peak	218.00	300	Horizontal	Pass
1**	1360.900	35.45	54.0	18.55	AV	218.00	300	Horizontal	Pass
2	2480.100	95.44	74.0	-21.44	Peak	306.00	150	Horizontal	N/A
2**	2480.100	93.10	54.0	-39.10	AV	306.00	150	Horizontal	N/A
3	4627.000	49.97	74.0	24.03	Peak	56.00	100	Horizontal	Pass
3**	4627.000	38.85	54.0	15.15	AV	56.00	100	Horizontal	Pass
4	7627.750	55.98	74.0	18.02	Peak	0.00	400	Horizontal	Pass
4**	7627.750	45.59	54.0	8.41	AV	0.00	400	Horizontal	Pass
5	12552.875	50.35	74.0	23.65	Peak	360.00	400	Horizontal	Pass
5**	12552.875	40.84	54.0	13.16	AV	360.00	400	Horizontal	Pass
6	17162.100	53.21	74.0	20.79	Peak	70.00	200	Horizontal	Pass
6**	17162.100	42.91	54.0	11.09	AV	70.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

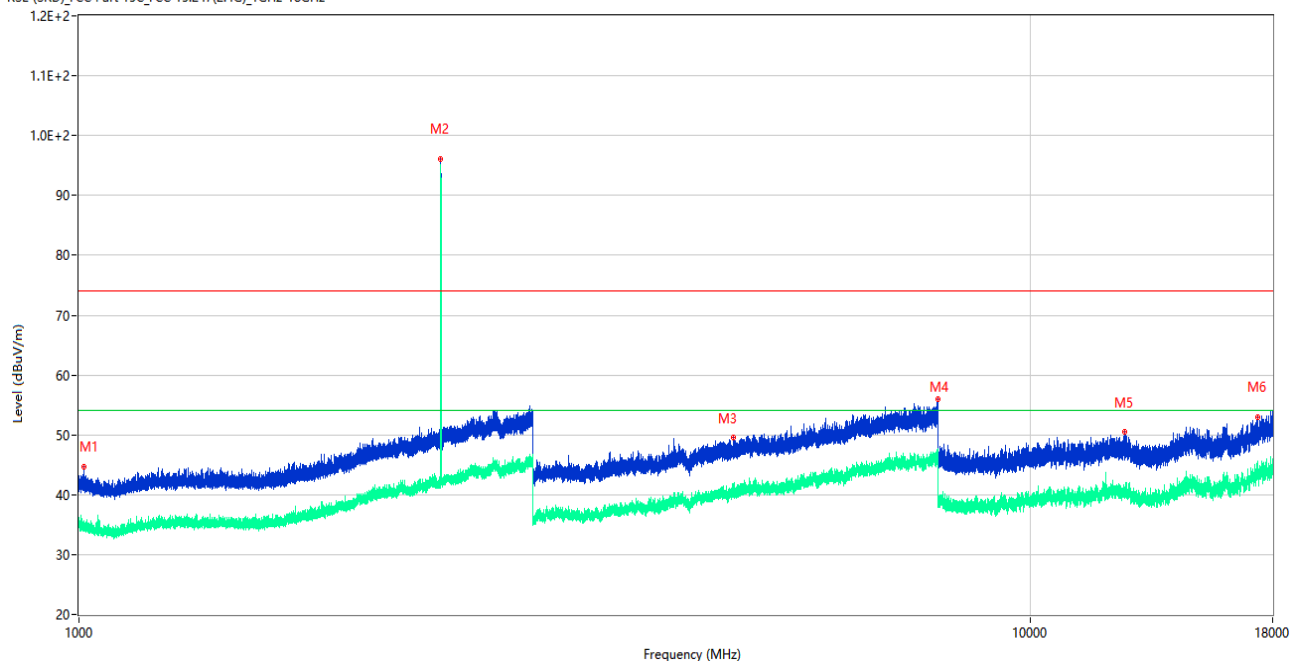
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.800	48.43	74.0	25.57	Peak	72.00	300	Vertical	Pass
1**	1164.800	40.01	54.0	13.99	AV	72.00	300	Vertical	Pass
2	2480.300	90.97	74.0	-16.97	Peak	131.00	100	Vertical	N/A
2**	2480.300	89.78	54.0	-35.78	AV	131.00	100	Vertical	N/A
3	4958.250	49.56	74.0	24.44	Peak	159.00	200	Vertical	Pass
3**	4958.250	40.56	54.0	13.44	AV	159.00	200	Vertical	Pass
4	7973.000	55.66	74.0	18.34	Peak	336.00	100	Vertical	Pass
4**	7973.000	45.24	54.0	8.76	AV	336.00	100	Vertical	Pass
5	9983.362	51.94	74.0	22.06	Peak	108.00	200	Vertical	Pass
5**	9983.362	38.87	54.0	15.13	AV	108.00	200	Vertical	Pass
6	17351.887	53.42	74.0	20.58	Peak	285.00	100	Vertical	Pass
6**	17351.887	45.22	54.0	8.78	AV	285.00	100	Vertical	Pass

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

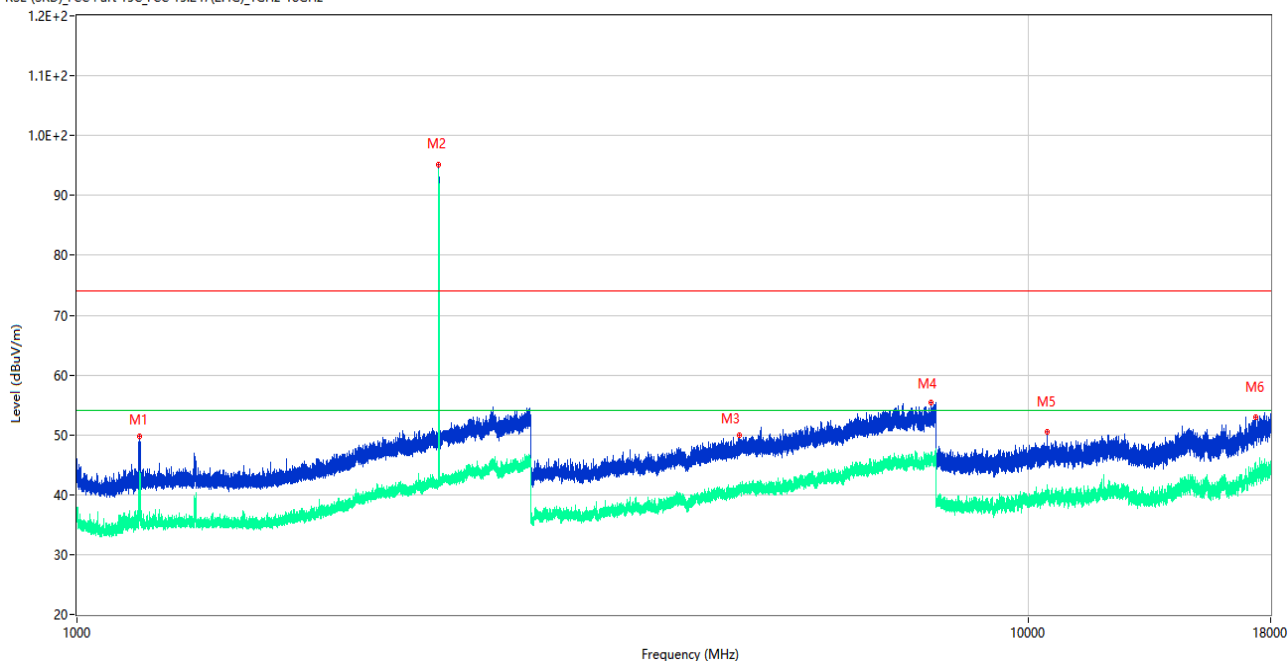
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1011.500	44.61	74.0	29.39	Peak	109.00	400	Horizontal	Pass
1**	1011.500	34.10	54.0	19.90	AV	109.00	400	Horizontal	Pass
2	2401.800	96.10	74.0	-22.10	Peak	168.00	150	Horizontal	N/A
2**	2401.800	94.05	54.0	-40.05	AV	168.00	150	Horizontal	N/A
3	4882.750	49.50	74.0	24.50	Peak	0.00	150	Horizontal	Pass
3**	4882.750	39.97	54.0	14.03	AV	0.00	150	Horizontal	Pass
4	7999.500	55.94	74.0	18.06	Peak	296.00	100	Horizontal	Pass
4**	7999.500	47.02	54.0	6.98	AV	296.00	100	Horizontal	Pass
5	12593.487	50.43	74.0	23.57	Peak	333.00	100	Horizontal	Pass
5**	12593.487	39.86	54.0	14.14	AV	333.00	100	Horizontal	Pass
6	17361.601	53.04	74.0	20.96	Peak	333.00	200	Horizontal	Pass
6**	17361.601	43.89	54.0	10.11	AV	333.00	200	Horizontal	Pass

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

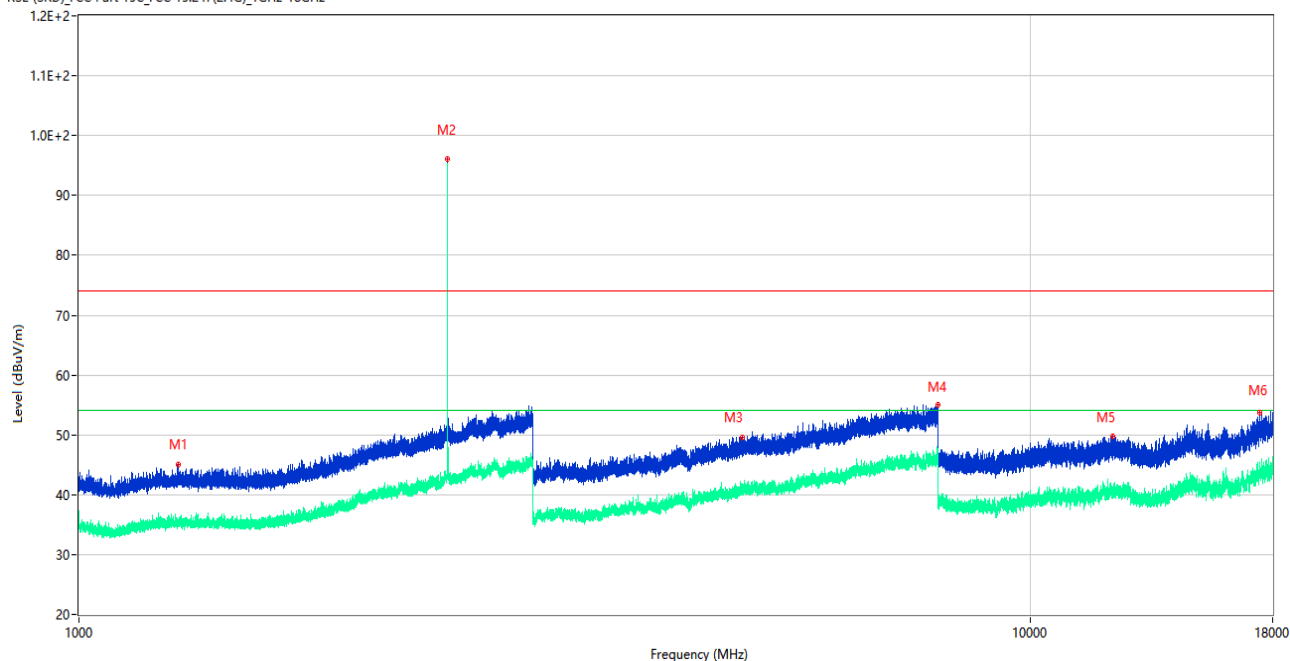
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.700	49.83	74.0	24.17	Peak	218.00	200	Vertical	Pass
1**	1164.700	39.60	54.0	14.40	AV	218.00	200	Vertical	Pass
2	2402.200	95.17	74.0	-21.17	Peak	166.00	150	Vertical	N/A
2**	2402.200	94.33	54.0	-40.33	AV	166.00	150	Vertical	N/A
3	4970.000	50.02	74.0	23.98	Peak	244.00	200	Vertical	Pass
3**	4970.000	40.98	54.0	13.02	AV	244.00	200	Vertical	Pass
4	7911.750	55.49	74.0	18.51	Peak	107.00	200	Vertical	Pass
4**	7911.750	46.03	54.0	7.97	AV	107.00	200	Vertical	Pass
5	10485.913	50.55	74.0	23.45	Peak	26.00	400	Vertical	Pass
5**	10485.913	41.11	54.0	12.89	AV	26.00	400	Vertical	Pass
6	17343.488	52.95	74.0	21.05	Peak	11.00	100	Vertical	Pass
6**	17343.488	44.67	54.0	9.33	AV	11.00	100	Vertical	Pass

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

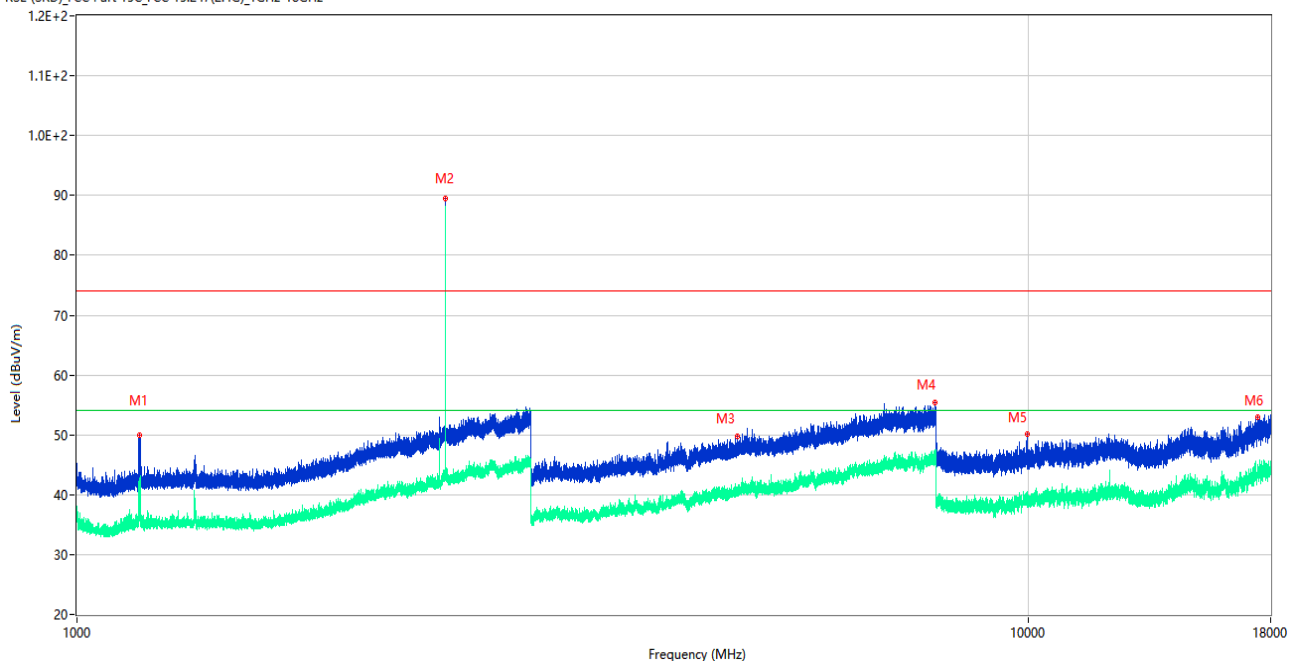
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1271.000	44.97	74.0	29.03	Peak	278.00	400	Horizontal	Pass
1**	1271.000	35.05	54.0	18.95	AV	278.00	400	Horizontal	Pass
2	2440.600	95.99	74.0	-21.99	Peak	13.00	150	Horizontal	N/A
2**	2440.600	94.39	54.0	-40.39	AV	13.00	150	Horizontal	N/A
3	4979.750	49.56	74.0	24.44	Peak	358.00	150	Horizontal	Pass
3**	4979.750	41.01	54.0	12.99	AV	358.00	150	Horizontal	Pass
4	7995.250	55.02	74.0	18.98	Peak	359.00	100	Horizontal	Pass
4**	7995.250	46.87	54.0	7.13	AV	359.00	100	Horizontal	Pass
5	12226.787	49.67	74.0	24.33	Peak	279.00	300	Horizontal	Pass
5**	12226.787	39.93	54.0	14.07	AV	279.00	300	Horizontal	Pass
6	17449.011	53.63	74.0	20.37	Peak	186.00	200	Horizontal	Pass
6**	17449.011	45.01	54.0	8.99	AV	186.00	200	Horizontal	Pass

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

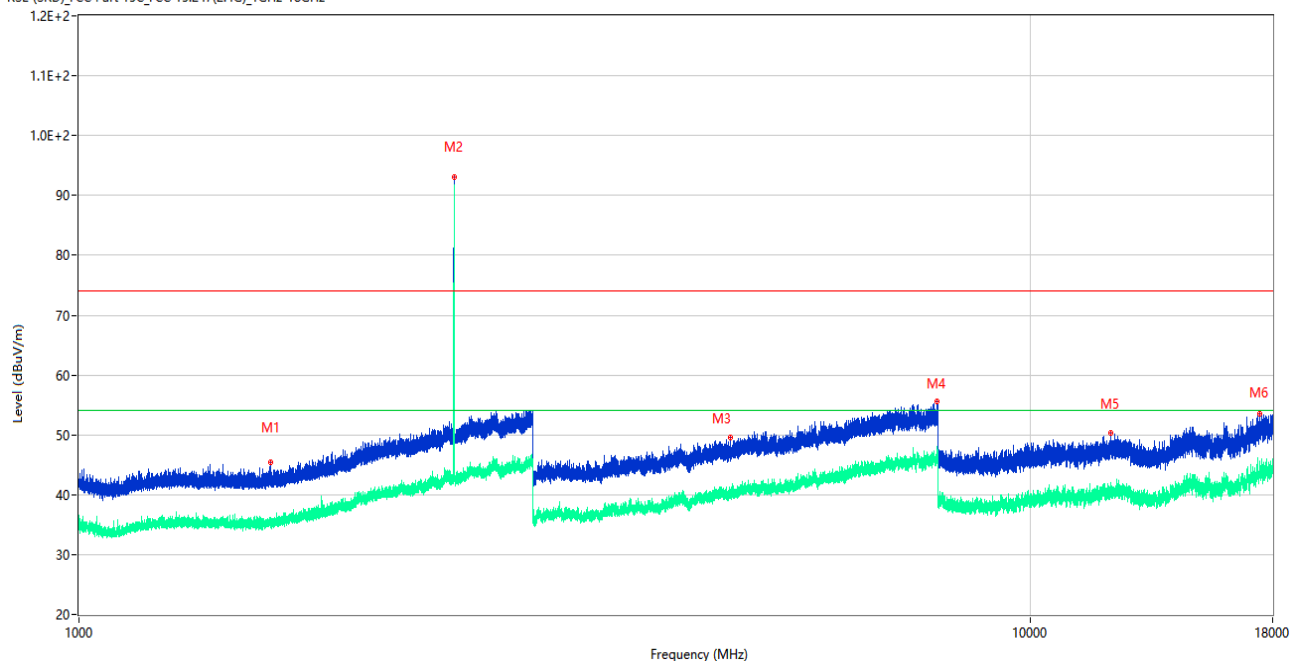
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.900	49.96	74.0	24.04	Peak	29.00	300	Vertical	Pass
1**	1163.900	41.33	54.0	12.67	AV	29.00	300	Vertical	Pass
2	2440.900	89.45	74.0	-15.45	Peak	126.00	100	Vertical	N/A
2**	2440.900	88.24	54.0	-34.24	AV	126.00	100	Vertical	N/A
3	4950.250	49.77	74.0	24.23	Peak	220.00	100	Vertical	Pass
3**	4950.250	40.27	54.0	13.73	AV	220.00	100	Vertical	Pass
4	7993.500	55.37	74.0	18.63	Peak	293.00	300	Vertical	Pass
4**	7993.500	46.54	54.0	7.46	AV	293.00	300	Vertical	Pass
5	9985.025	50.10	74.0	23.90	Peak	121.00	400	Vertical	Pass
5**	9985.025	39.13	54.0	14.87	AV	121.00	400	Vertical	Pass
6	17458.199	53.01	74.0	20.99	Peak	214.00	300	Vertical	Pass
6**	17458.199	43.72	54.0	10.28	AV	214.00	300	Vertical	Pass

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

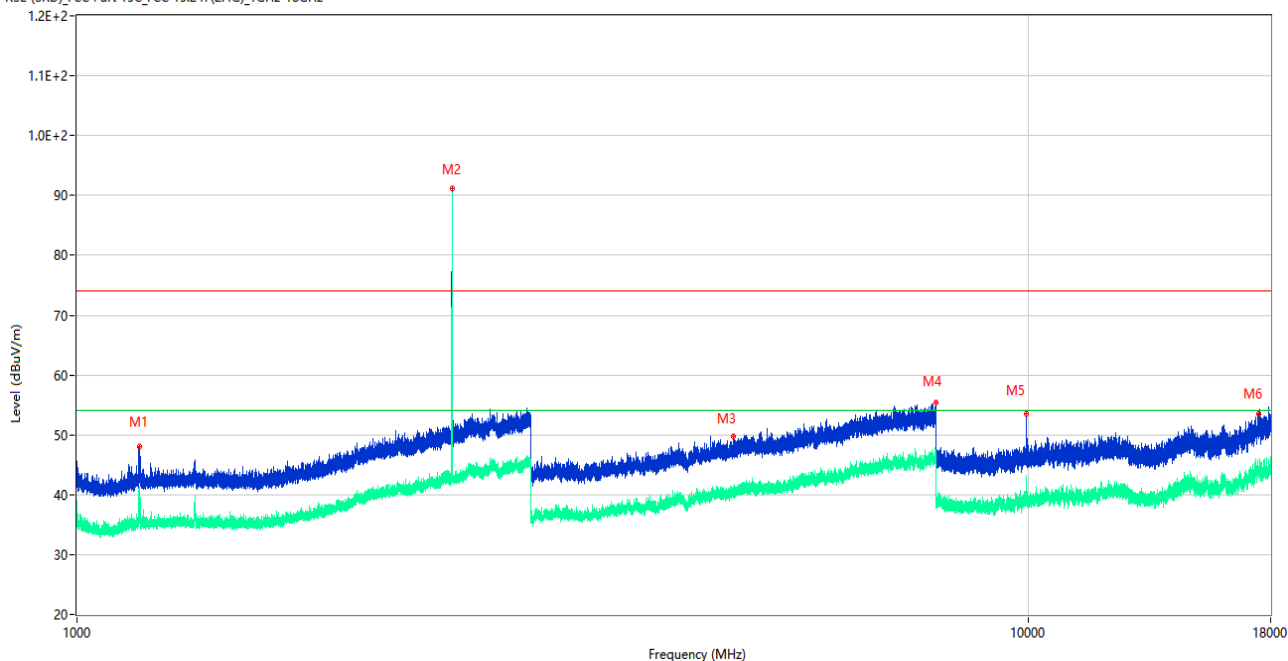
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1589.900	45.51	74.0	28.49	Peak	235.00	400	Horizontal	Pass
1**	1589.900	35.99	54.0	18.01	AV	235.00	400	Horizontal	Pass
2	2479.700	93.07	74.0	-19.07	Peak	26.00	150	Horizontal	N/A
2**	2479.700	90.69	54.0	-36.69	AV	26.00	150	Horizontal	N/A
3	4847.000	49.52	74.0	24.48	Peak	78.00	150	Horizontal	Pass
3**	4847.000	39.99	54.0	14.01	AV	78.00	150	Horizontal	Pass
4	7993.000	55.69	74.0	18.31	Peak	14.00	300	Horizontal	Pass
4**	7993.000	46.35	54.0	7.65	AV	14.00	300	Horizontal	Pass
5	12160.050	50.29	74.0	23.71	Peak	289.00	400	Horizontal	Pass
5**	12160.050	40.81	54.0	13.19	AV	289.00	400	Horizontal	Pass
6	17442.714	53.59	74.0	20.41	Peak	333.00	400	Horizontal	Pass
6**	17442.714	44.32	54.0	9.68	AV	333.00	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

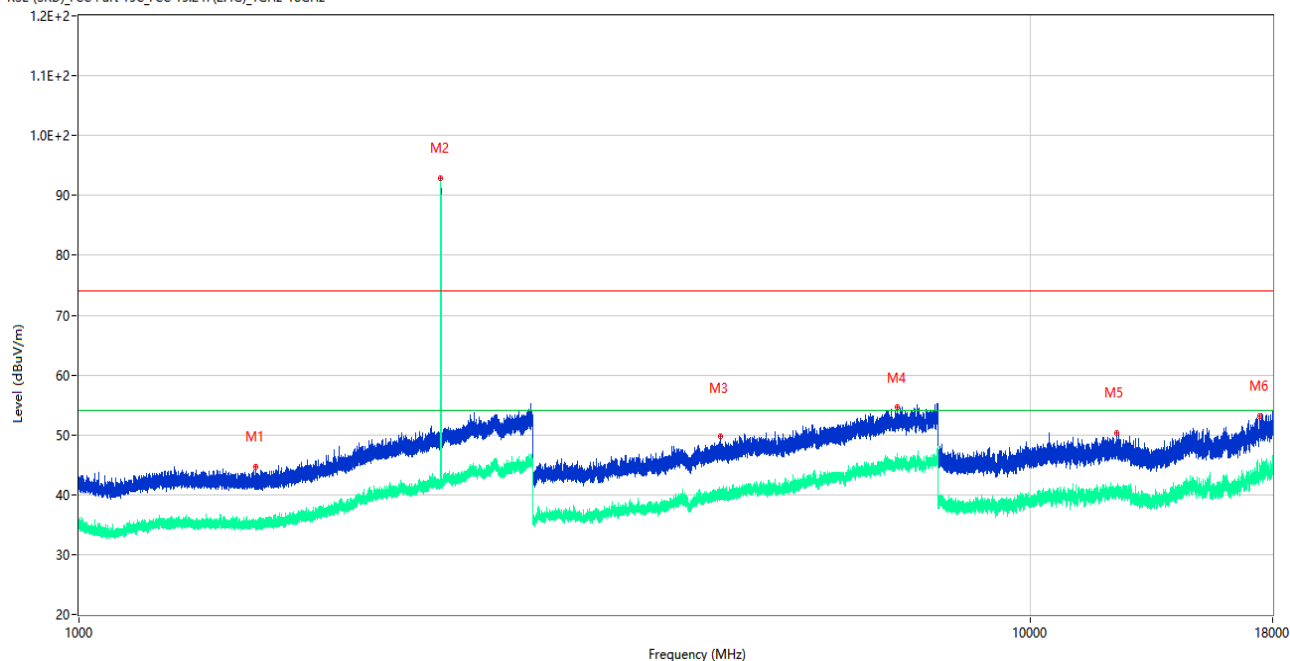


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.200	48.14	74.0	25.86	Peak	55.00	300	Vertical	Pass
1**	1162.200	36.78	54.0	17.22	AV	55.00	300	Vertical	Pass
2	2479.800	91.12	74.0	-17.12	Peak	130.00	100	Vertical	N/A
2**	2479.800	90.04	54.0	-36.04	AV	130.00	100	Vertical	N/A
3	4896.250	49.79	74.0	24.21	Peak	0.00	100	Vertical	Pass
3**	4896.250	40.23	54.0	13.77	AV	0.00	100	Vertical	Pass
4	8000.000	55.40	74.0	18.60	Peak	5.00	200	Vertical	Pass
4**	8000.000	46.75	54.0	7.25	AV	5.00	200	Vertical	Pass
5	9962.225	53.61	74.0	20.39	Peak	111.00	400	Vertical	Pass
5**	9962.225	38.56	54.0	15.44	AV	111.00	400	Vertical	Pass
6	17497.573	53.48	74.0	20.52	Peak	320.00	400	Vertical	Pass
6**	17497.573	43.64	54.0	10.36	AV	320.00	400	Vertical	Pass

Right Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

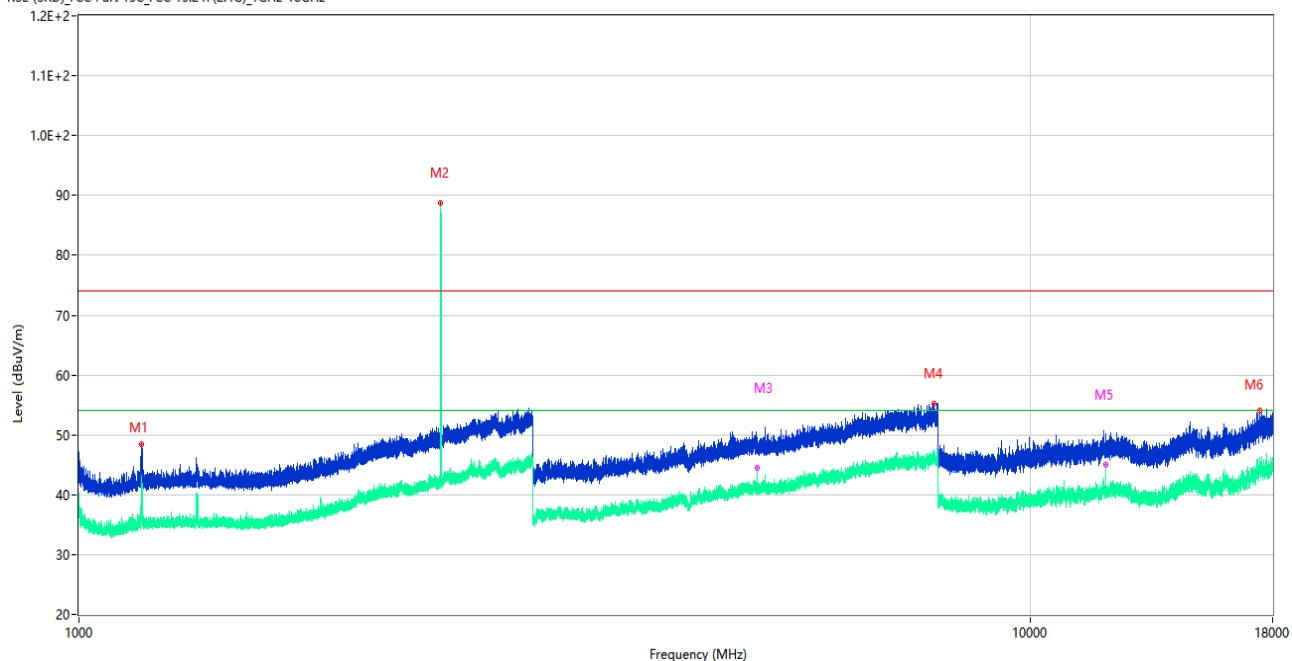
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.300	44.72	74.0	29.28	Peak	96.00	300	Horizontal	Pass
1**	1535.300	34.73	54.0	19.27	AV	96.00	300	Horizontal	Pass
2	2401.900	92.93	74.0	-18.93	Peak	28.00	200	Horizontal	N/A
2**	2401.900	90.78	54.0	-36.78	AV	28.00	200	Horizontal	N/A
3	4722.750	49.78	74.0	24.22	Peak	336.00	150	Horizontal	Pass
3**	4722.750	40.28	54.0	13.72	AV	336.00	150	Horizontal	Pass
4	7260.750	54.58	74.0	19.42	Peak	1.00	150	Horizontal	Pass
4**	7260.750	45.13	54.0	8.87	AV	1.00	150	Horizontal	Pass
5	12349.575	50.28	74.0	23.72	Peak	0.00	300	Horizontal	Pass
5**	12349.575	40.53	54.0	13.47	AV	0.00	300	Horizontal	Pass
6	17433.000	53.17	74.0	20.83	Peak	152.00	200	Horizontal	Pass
6**	17433.000	42.86	54.0	11.14	AV	152.00	200	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

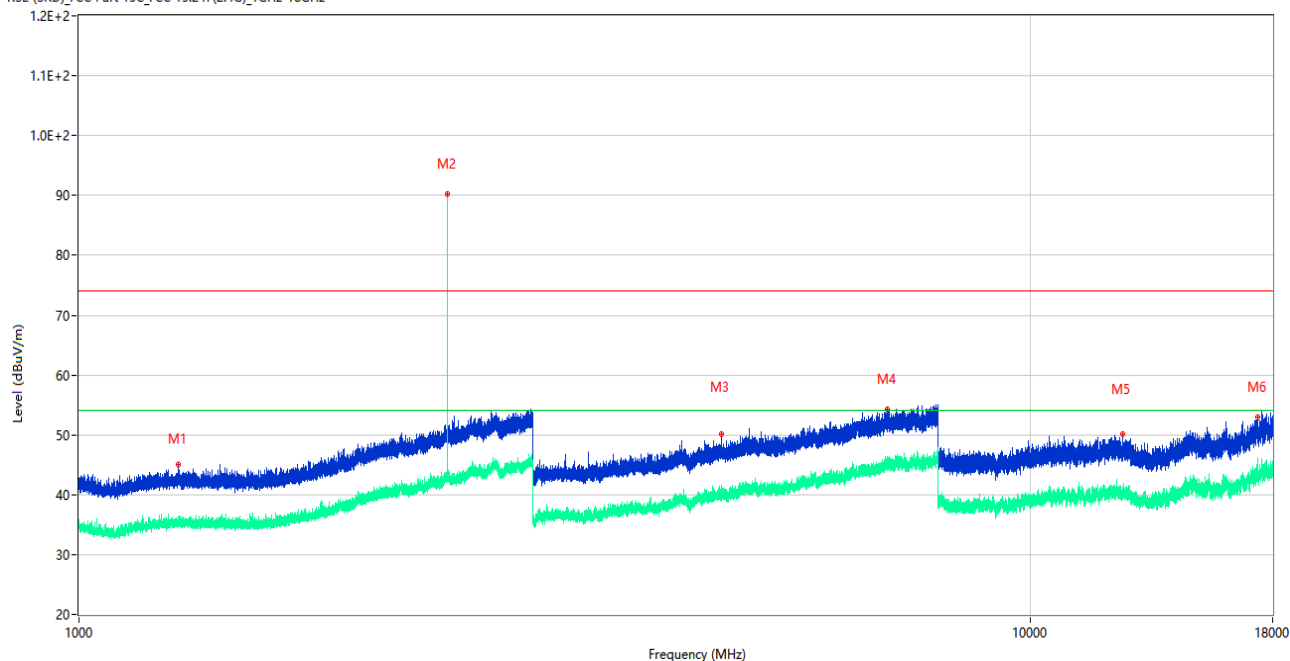
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.300	48.40	74.0	25.60	Peak	58.00	100	Vertical	Pass
1**	1164.300	36.44	54.0	17.56	AV	58.00	100	Vertical	Pass
2	2402.200	88.80	74.0	-14.80	Peak	244.00	150	Vertical	N/A
2**	2402.200	86.31	54.0	-32.31	AV	244.00	150	Vertical	N/A
3	5171.500	47.31	74.0	26.69	Peak	355.00	150	Vertical	Pass
3**	5171.500	44.53	54.0	9.47	AV	355.00	150	Vertical	Pass
4	7920.000	55.29	74.0	18.71	Peak	156.00	200	Vertical	Pass
4**	7920.000	46.52	54.0	7.48	AV	156.00	200	Vertical	Pass
5	12009.950	50.14	74.0	23.86	Peak	24.00	150	Vertical	Pass
5**	12009.950	45.11	54.0	8.89	AV	24.00	150	Vertical	Pass
6	17442.449	54.01	74.0	19.99	Peak	236.00	200	Vertical	Pass
6**	17442.449	45.32	54.0	8.68	AV	236.00	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	1272.000	45.02	74.0	28.98	Peak	329.00	300	Horizontal	Pass
1**	1272.000	35.45	54.0	18.55	AV	329.00	300	Horizontal	Pass
2	2441.000	90.27	74.0	-16.27	Peak	19.00	100	Horizontal	N/A
2**	2441.000	90.01	54.0	-36.01	AV	19.00	100	Horizontal	N/A
3	4735.250	50.22	74.0	23.78	Peak	33.00	200	Horizontal	Pass
3**	4735.250	41.27	54.0	12.73	AV	33.00	200	Horizontal	Pass
4	7079.750	54.22	74.0	19.78	Peak	360.00	150	Horizontal	Pass
4**	7079.750	45.59	54.0	8.41	AV	360.00	150	Horizontal	Pass
5	12519.625	50.07	74.0	23.93	Peak	99.00	400	Horizontal	Pass
5**	12519.625	39.52	54.0	14.48	AV	99.00	400	Horizontal	Pass
6	17355.563	53.02	74.0	20.98	Peak	38.00	200	Horizontal	Pass
6**	17355.563	44.75	54.0	9.25	AV	38.00	200	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

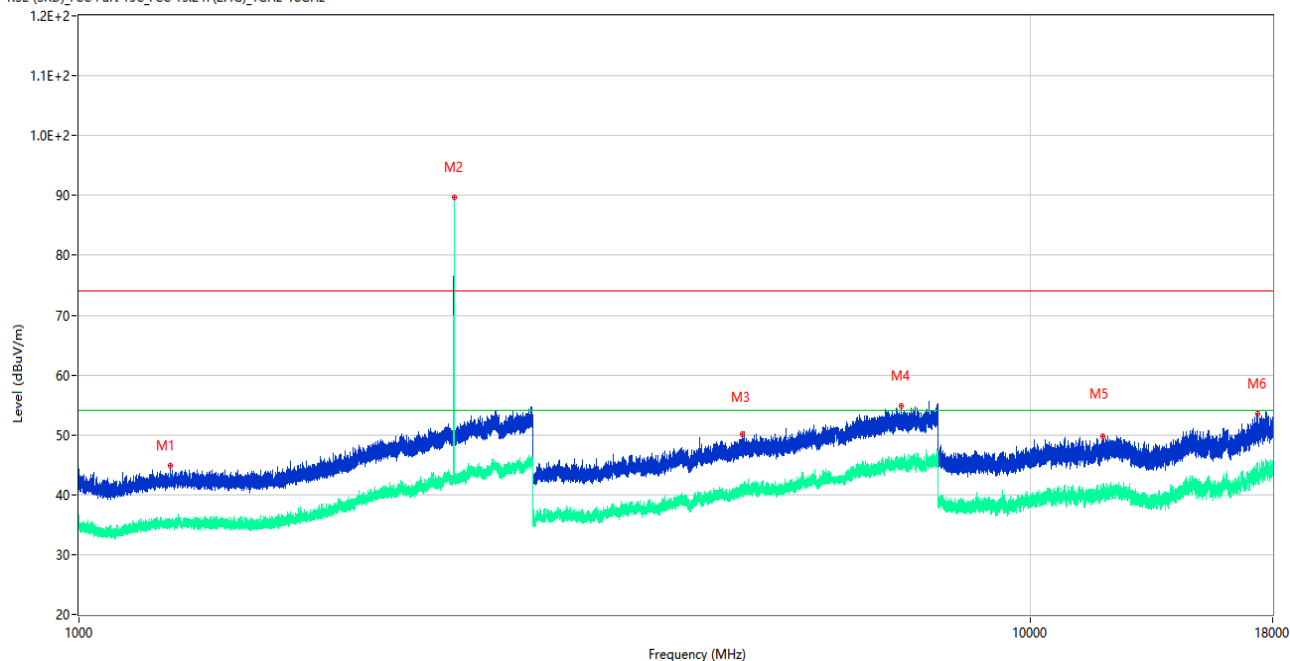
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.700	51.61	74.0	22.39	Peak	66.00	300	Vertical	Pass
1**	1163.700	37.39	54.0	16.61	AV	66.00	300	Vertical	Pass
2	2441.000	89.52	74.0	-15.52	Peak	96.00	150	Vertical	N/A
2**	2441.000	88.65	54.0	-34.65	AV	96.00	150	Vertical	N/A
3	4896.750	49.71	74.0	24.29	Peak	176.00	100	Vertical	Pass
3**	4896.750	40.20	54.0	13.80	AV	176.00	100	Vertical	Pass
4	7259.250	54.66	74.0	19.34	Peak	65.00	150	Vertical	Pass
4**	7259.250	45.00	54.0	9.00	AV	65.00	150	Vertical	Pass
5	12205.175	49.17	74.0	24.83	Peak	6.00	150	Vertical	Pass
5**	12205.175	44.57	54.0	9.43	AV	6.00	150	Vertical	Pass
6	13547.737	46.77	74.0	27.23	Peak	30.00	150	Vertical	Pass
6**	13547.737	42.21	54.0	11.79	AV	30.00	150	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

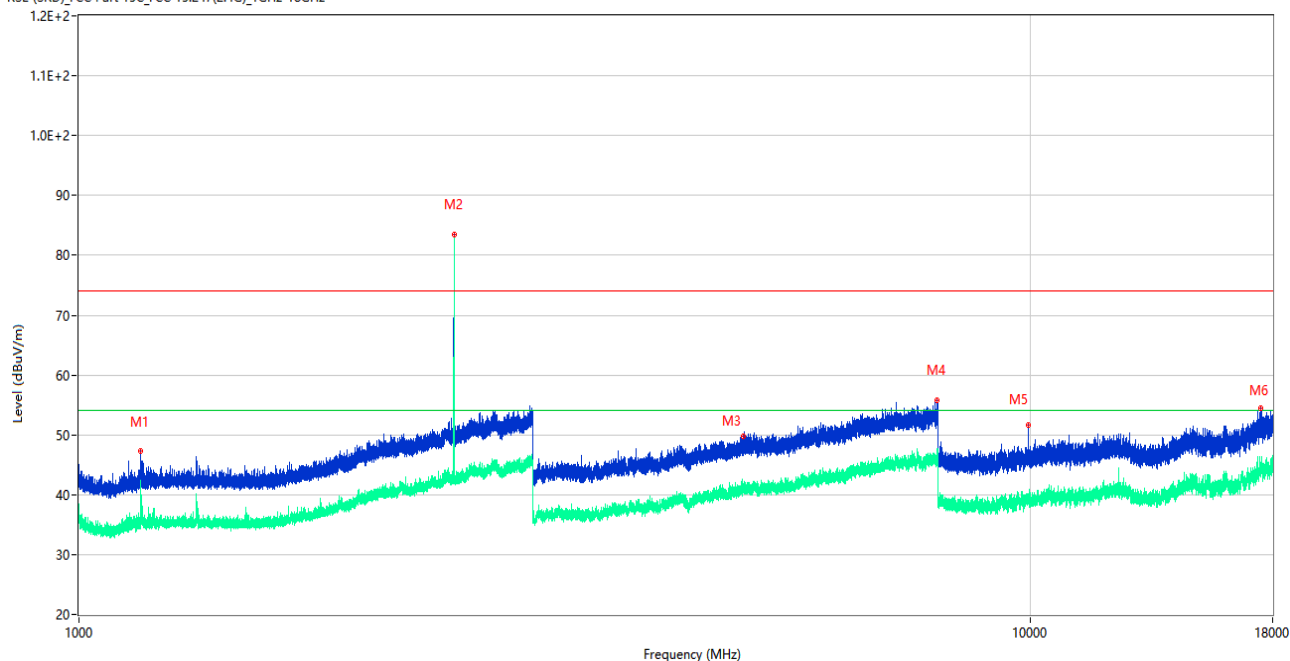
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.300	44.82	74.0	29.18	Peak	348.00	200	Horizontal	Pass
1**	1248.300	35.22	54.0	18.78	AV	348.00	200	Horizontal	Pass
2	2479.900	89.71	74.0	-15.71	Peak	21.00	150	Horizontal	N/A
2**	2479.900	88.75	54.0	-34.75	AV	21.00	150	Horizontal	N/A
3	4988.500	50.14	74.0	23.86	Peak	317.00	200	Horizontal	Pass
3**	4988.500	40.67	54.0	13.33	AV	317.00	200	Horizontal	Pass
4	7319.750	54.84	74.0	19.16	Peak	246.00	150	Horizontal	Pass
4**	7319.750	45.43	54.0	8.57	AV	246.00	150	Horizontal	Pass
5	11928.013	49.84	74.0	24.16	Peak	248.00	100	Horizontal	Pass
5**	11928.013	40.45	54.0	13.55	AV	248.00	100	Horizontal	Pass
6	17350.574	53.57	74.0	20.43	Peak	72.00	200	Horizontal	Pass
6**	17350.574	45.13	54.0	8.87	AV	72.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

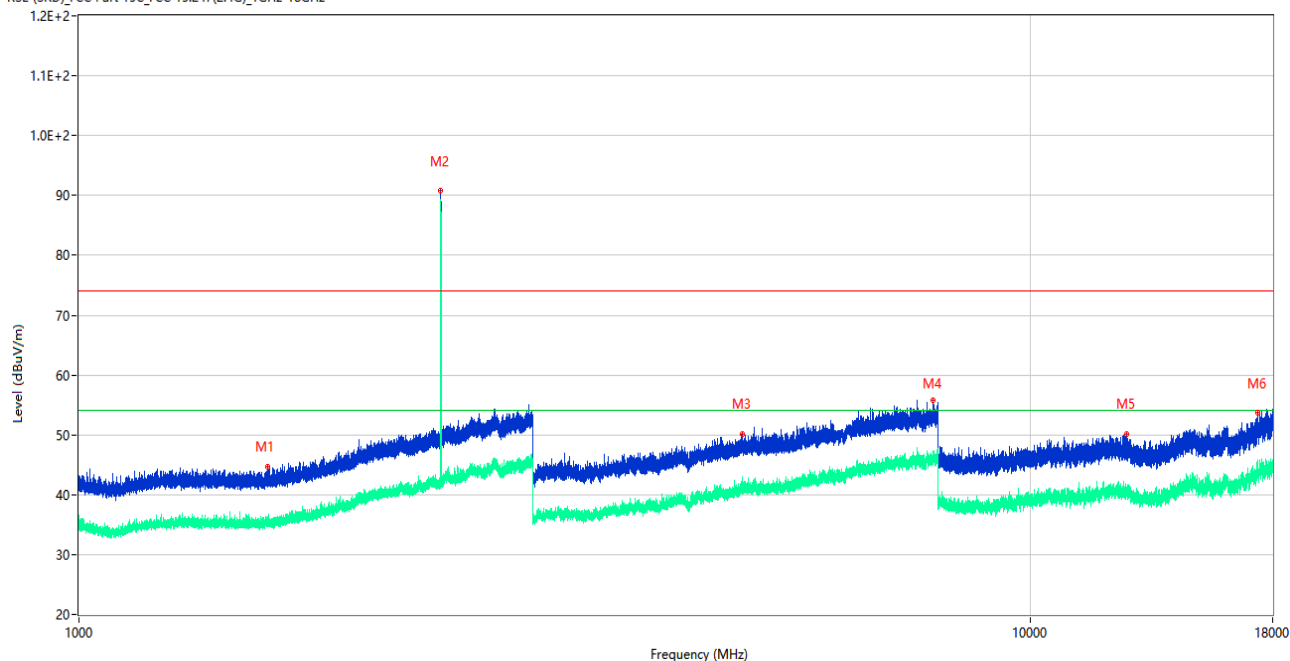
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.900	47.29	74.0	26.71	Peak	102.00	400	Vertical	Pass
1**	1161.900	37.50	54.0	16.50	AV	102.00	400	Vertical	Pass
2	2479.900	83.51	74.0	-9.51	Peak	132.00	100	Vertical	N/A
2**	2479.900	82.91	54.0	-28.91	AV	132.00	100	Vertical	N/A
3	4996.750	49.82	74.0	24.18	Peak	360.00	150	Vertical	Pass
3**	4996.750	41.63	54.0	12.37	AV	360.00	150	Vertical	Pass
4	7987.750	55.84	74.0	18.16	Peak	1.00	300	Vertical	Pass
4**	7987.750	46.17	54.0	7.83	AV	1.00	300	Vertical	Pass
5	9969.350	51.60	74.0	22.40	Peak	102.00	400	Vertical	Pass
5**	9969.350	39.00	54.0	15.00	AV	102.00	400	Vertical	Pass
6	17467.386	54.52	74.0	19.48	Peak	162.00	300	Vertical	Pass
6**	17467.386	44.54	54.0	9.46	AV	162.00	300	Vertical	Pass

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

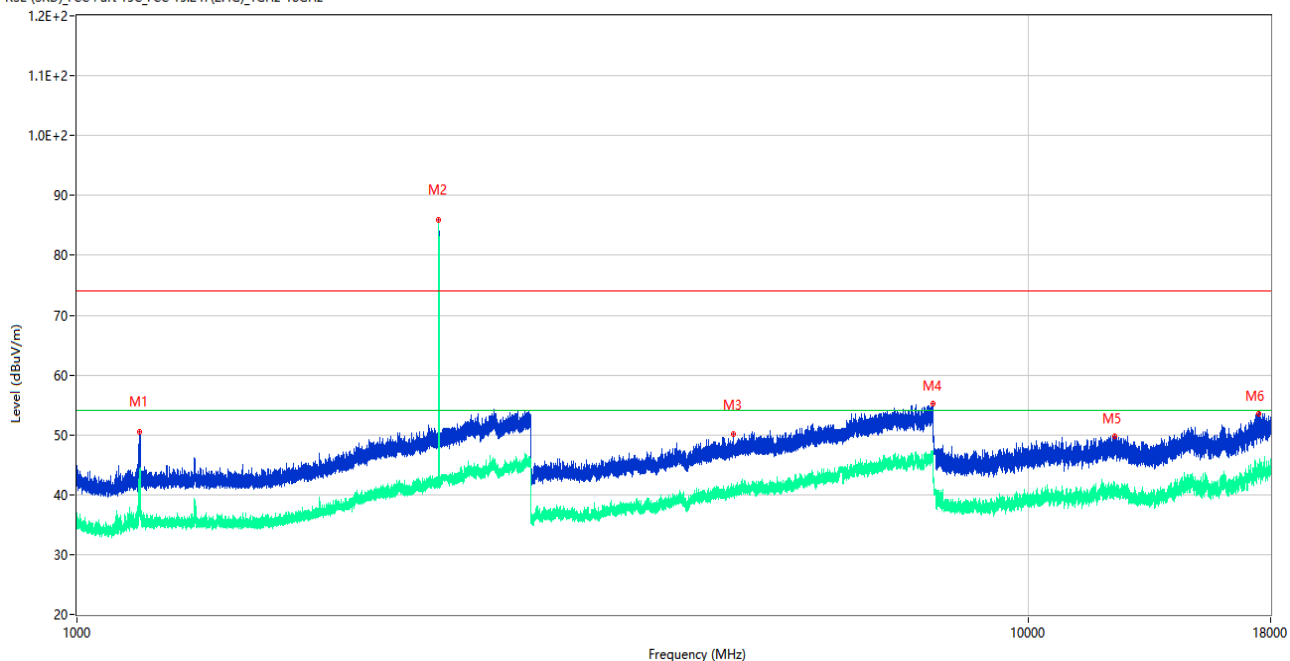
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.800	44.69	74.0	29.31	Peak	109.00	200	Horizontal	Pass
1**	1577.800	34.94	54.0	19.06	AV	109.00	200	Horizontal	Pass
2	2402.100	90.76	74.0	-16.76	Peak	295.00	150	Horizontal	N/A
2**	2402.100	89.28	54.0	-35.28	AV	295.00	150	Horizontal	N/A
3	4980.750	50.18	74.0	23.82	Peak	159.00	150	Horizontal	Pass
3**	4980.750	41.24	54.0	12.76	AV	159.00	150	Horizontal	Pass
4	7906.250	55.82	74.0	18.18	Peak	0.00	150	Horizontal	Pass
4**	7906.250	45.51	54.0	8.49	AV	0.00	150	Horizontal	Pass
5	12630.776	50.17	74.0	23.83	Peak	259.00	300	Horizontal	Pass
5**	12630.776	40.16	54.0	13.84	AV	259.00	300	Horizontal	Pass
6	17356.614	53.67	74.0	20.33	Peak	285.00	300	Horizontal	Pass
6**	17356.614	45.54	54.0	8.46	AV	285.00	300	Horizontal	Pass

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

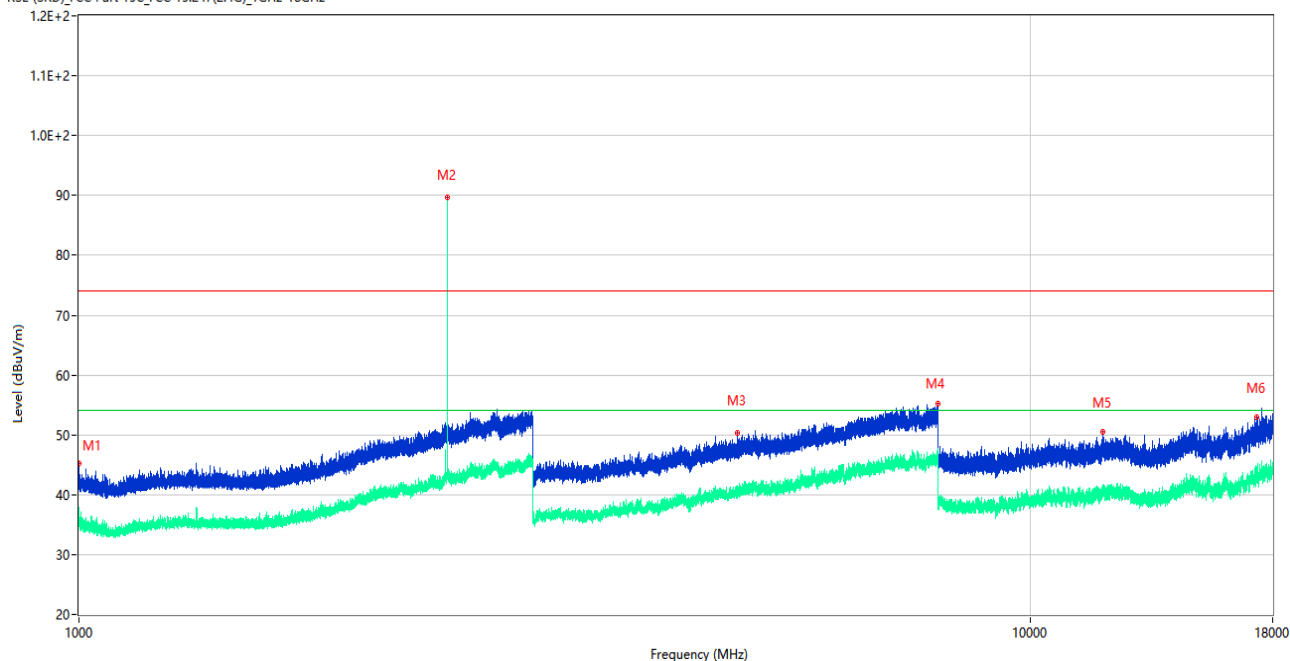
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	50.51	74.0	23.49	Peak	47.00	100	Vertical	Pass
1**	1163.500	36.44	54.0	17.56	AV	47.00	100	Vertical	Pass
2	2401.800	85.99	74.0	-11.99	Peak	91.00	200	Vertical	N/A
2**	2401.800	85.31	54.0	-31.31	AV	91.00	200	Vertical	N/A
3	4895.750	50.05	74.0	23.95	Peak	77.00	200	Vertical	Pass
3**	4895.750	40.75	54.0	13.25	AV	77.00	200	Vertical	Pass
4	7941.250	55.13	74.0	18.87	Peak	0.00	150	Vertical	Pass
4**	7941.250	46.67	54.0	7.33	AV	0.00	150	Vertical	Pass
5	12336.513	49.73	74.0	24.27	Peak	59.00	400	Vertical	Pass
5**	12336.513	40.50	54.0	13.50	AV	59.00	400	Vertical	Pass
6	17498.624	53.55	74.0	20.45	Peak	0.00	400	Vertical	Pass
6**	17498.624	43.99	54.0	10.01	AV	0.00	400	Vertical	Pass

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

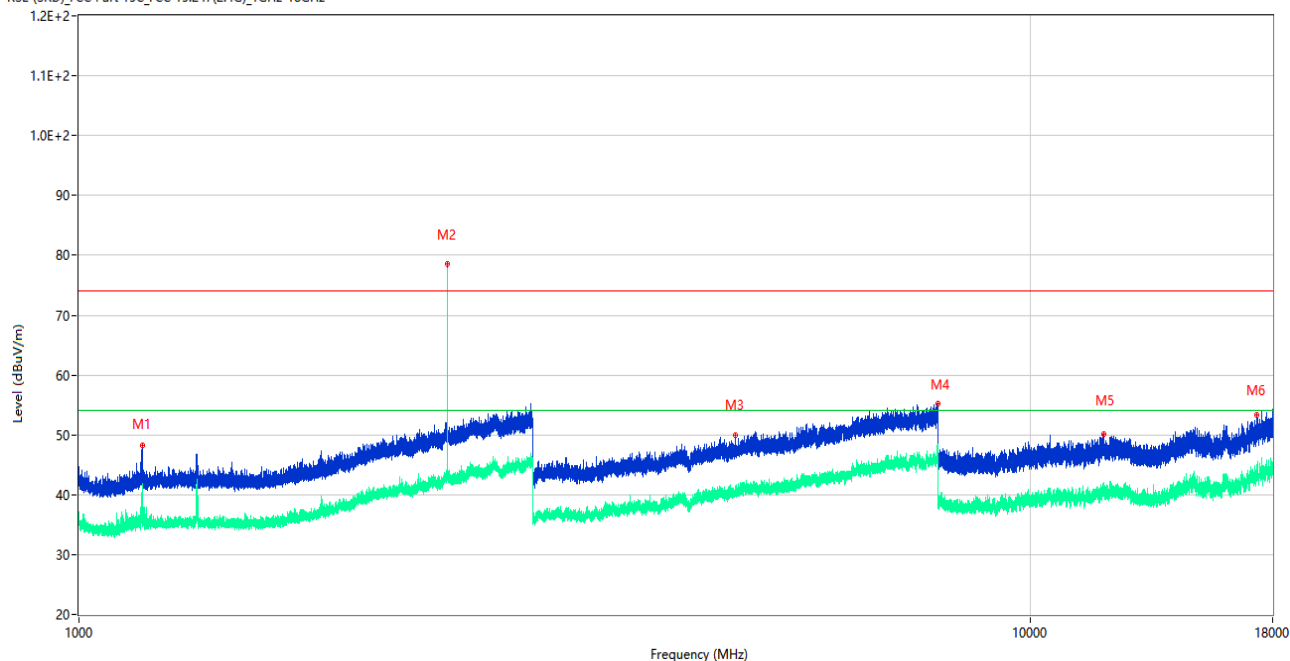
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.200	45.27	74.0	28.73	Peak	138.00	100	Horizontal	Pass
1**	1000.200	36.18	54.0	17.82	AV	138.00	100	Horizontal	Pass
2	2440.900	89.63	74.0	-15.63	Peak	339.00	150	Horizontal	N/A
2**	2440.900	89.03	54.0	-35.03	AV	339.00	150	Horizontal	N/A
3	4924.500	50.27	74.0	23.73	Peak	150.00	200	Horizontal	Pass
3**	4924.500	39.83	54.0	14.17	AV	150.00	200	Horizontal	Pass
4	7996.500	55.15	74.0	18.85	Peak	191.00	150	Horizontal	Pass
4**	7996.500	47.27	54.0	6.73	AV	191.00	150	Horizontal	Pass
5	11941.550	50.43	74.0	23.57	Peak	29.00	300	Horizontal	Pass
5**	11941.550	40.87	54.0	13.13	AV	29.00	300	Horizontal	Pass
6	17335.087	52.91	74.0	21.09	Peak	292.00	200	Horizontal	Pass
6**	17335.087	44.45	54.0	9.55	AV	292.00	200	Horizontal	Pass

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

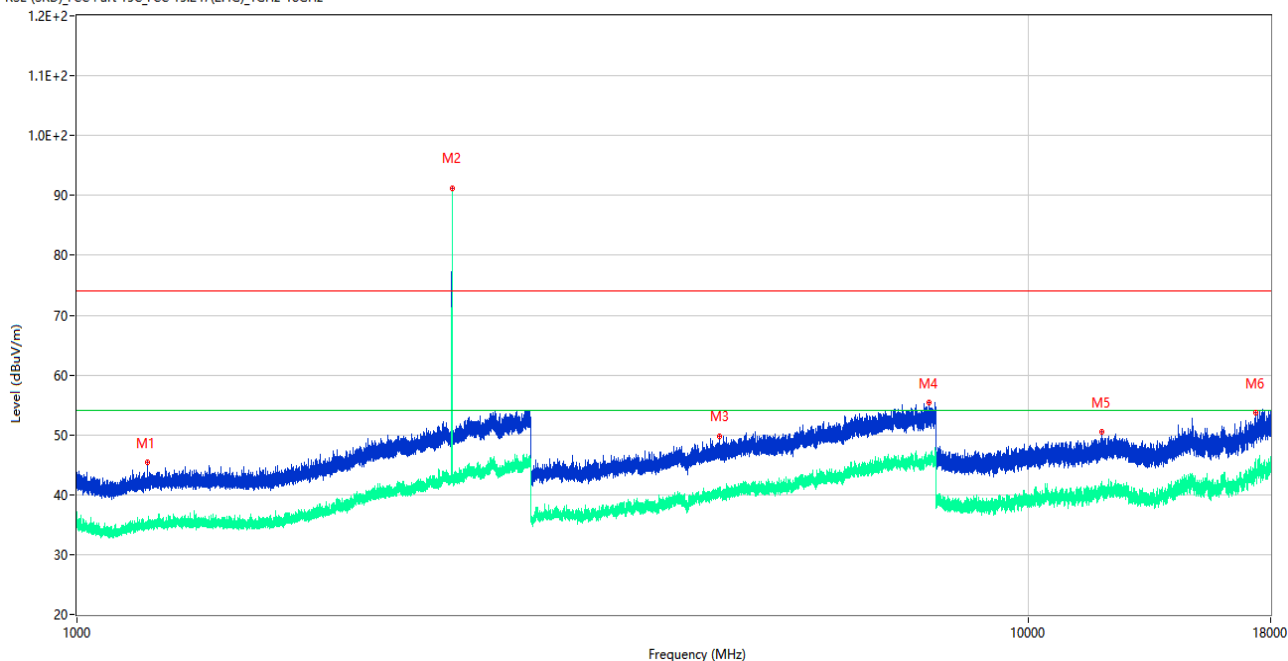
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.000	48.17	74.0	25.83	Peak	64.00	100	Vertical	Pass
1**	1166.000	38.97	54.0	15.03	AV	64.00	100	Vertical	Pass
2	2441.000	78.49	74.0	-4.49	Peak	20.00	150	Vertical	N/A
2**	2441.000	77.67	54.0	-23.67	AV	20.00	150	Vertical	N/A
3	4895.500	50.02	74.0	23.98	Peak	213.00	150	Vertical	Pass
3**	4895.500	39.75	54.0	14.25	AV	213.00	150	Vertical	Pass
4	7997.000	55.21	74.0	18.79	Peak	213.00	150	Vertical	Pass
4**	7997.000	47.08	54.0	6.92	AV	213.00	150	Vertical	Pass
5	11954.138	50.14	74.0	23.86	Peak	16.00	400	Vertical	Pass
5**	11954.138	42.00	54.0	12.00	AV	16.00	400	Vertical	Pass
6	17340.862	53.30	74.0	20.70	Peak	130.00	400	Vertical	Pass
6**	17340.862	44.73	54.0	9.27	AV	130.00	400	Vertical	Pass

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

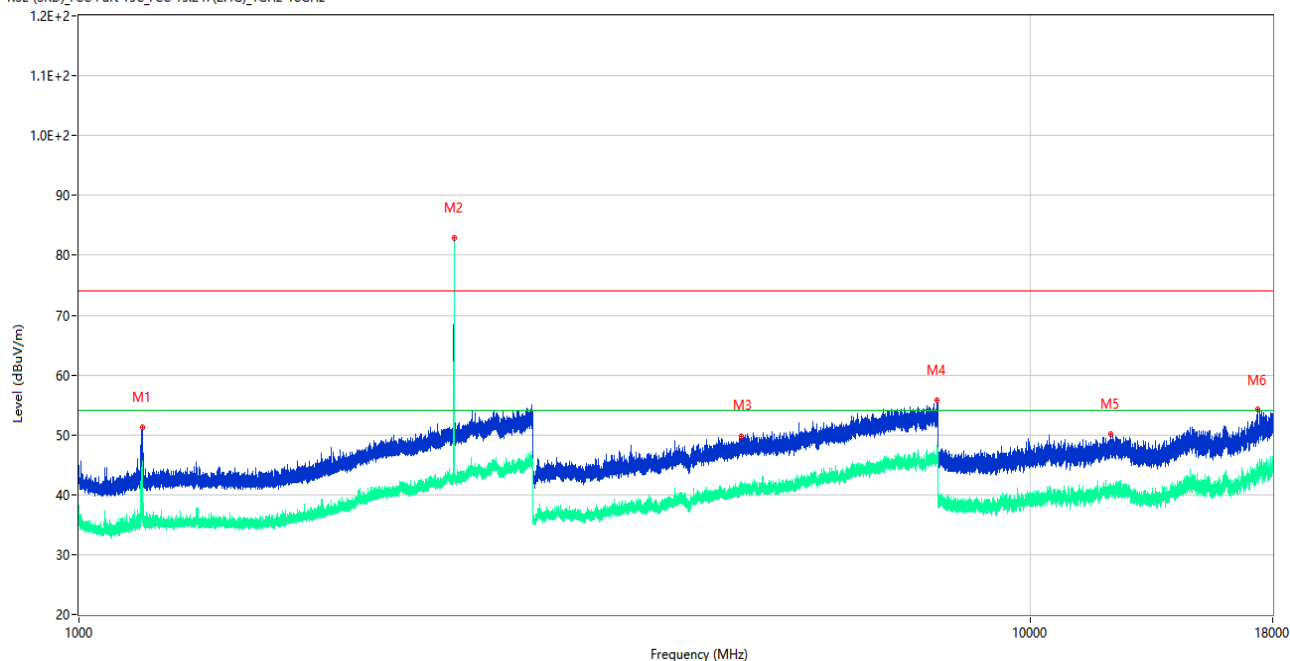
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.500	45.38	74.0	28.62	Peak	175.00	400	Horizontal	Pass
1**	1185.500	34.77	54.0	19.23	AV	175.00	400	Horizontal	Pass
2	2480.100	91.24	74.0	-17.24	Peak	310.00	100	Horizontal	N/A
2**	2480.100	88.05	54.0	-34.05	AV	310.00	100	Horizontal	N/A
3	4737.000	49.82	74.0	24.18	Peak	360.00	200	Horizontal	Pass
3**	4737.000	40.55	54.0	13.45	AV	360.00	200	Horizontal	Pass
4	7862.500	55.50	74.0	18.50	Peak	357.00	200	Horizontal	Pass
4**	7862.500	45.82	54.0	8.18	AV	357.00	200	Horizontal	Pass
5	11966.963	50.42	74.0	23.58	Peak	222.00	300	Horizontal	Pass
5**	11966.963	41.01	54.0	12.99	AV	222.00	300	Horizontal	Pass
6	17350.574	53.66	74.0	20.34	Peak	191.00	400	Horizontal	Pass
6**	17350.574	44.98	54.0	9.02	AV	191.00	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	1166.500	51.31	74.0	22.69	Peak	54.00	100	Vertical	Pass
1**	1166.500	36.17	54.0	17.83	AV	54.00	100	Vertical	Pass
2	2480.200	82.93	74.0	-8.93	Peak	135.00	100	Vertical	N/A
2**	2480.200	78.82	54.0	-24.82	AV	135.00	100	Vertical	N/A
3	4974.250	49.76	74.0	24.24	Peak	24.00	150	Vertical	Pass
3**	4974.250	41.50	54.0	12.50	AV	24.00	150	Vertical	Pass
4	7994.750	55.84	74.0	18.16	Peak	243.00	200	Vertical	Pass
4**	7994.750	46.91	54.0	7.09	AV	243.00	200	Vertical	Pass
5	12159.575	50.22	74.0	23.78	Peak	239.00	300	Vertical	Pass
5**	12159.575	41.29	54.0	12.71	AV	239.00	300	Vertical	Pass
6	17352.675	54.25	74.0	19.75	Peak	358.00	100	Vertical	Pass
6**	17352.675	44.86	54.0	9.14	AV	358.00	100	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.

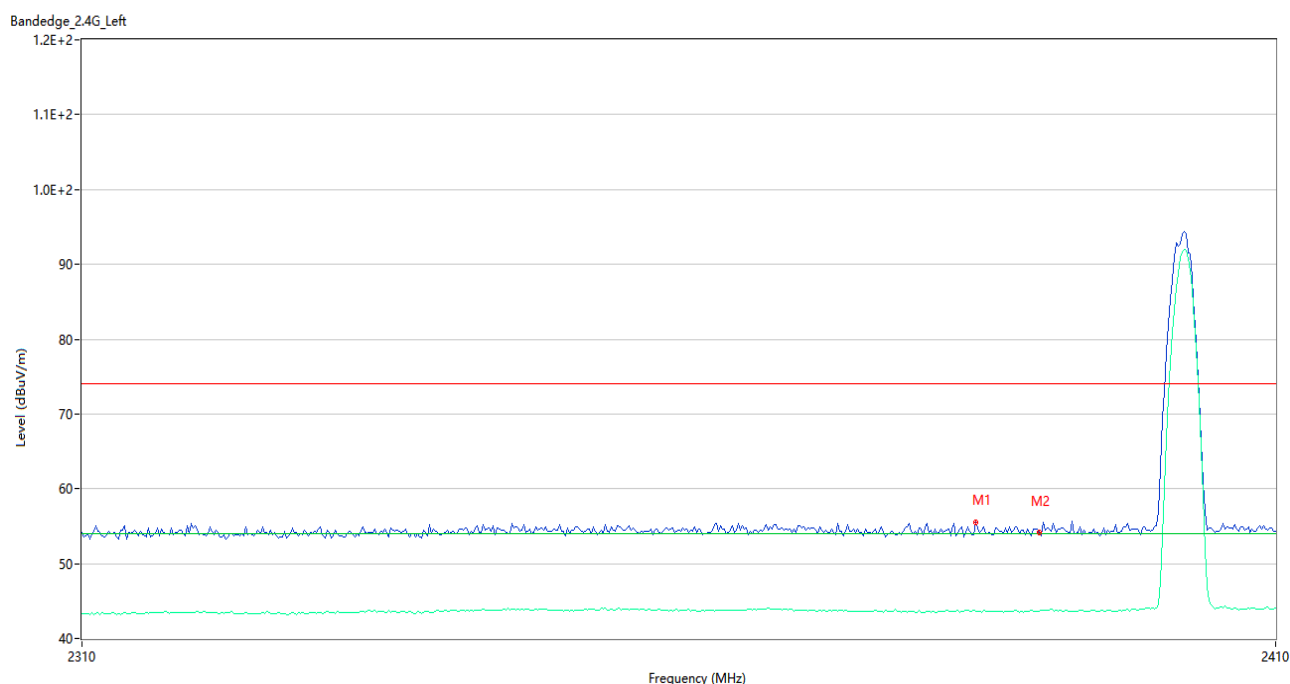
Note ⁴: The Level (dBuV/m) has been corrected by factor.

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

Test Data and Plots

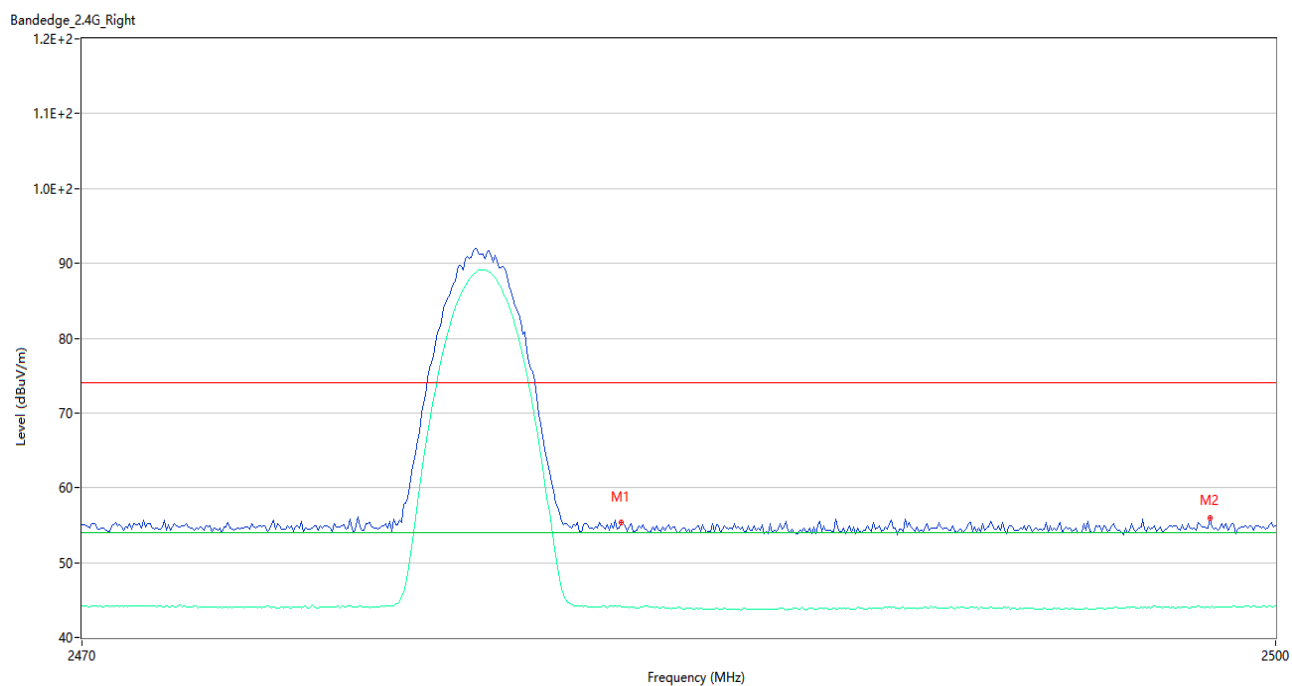
Left Ear

GFSK LOW CHANNEL



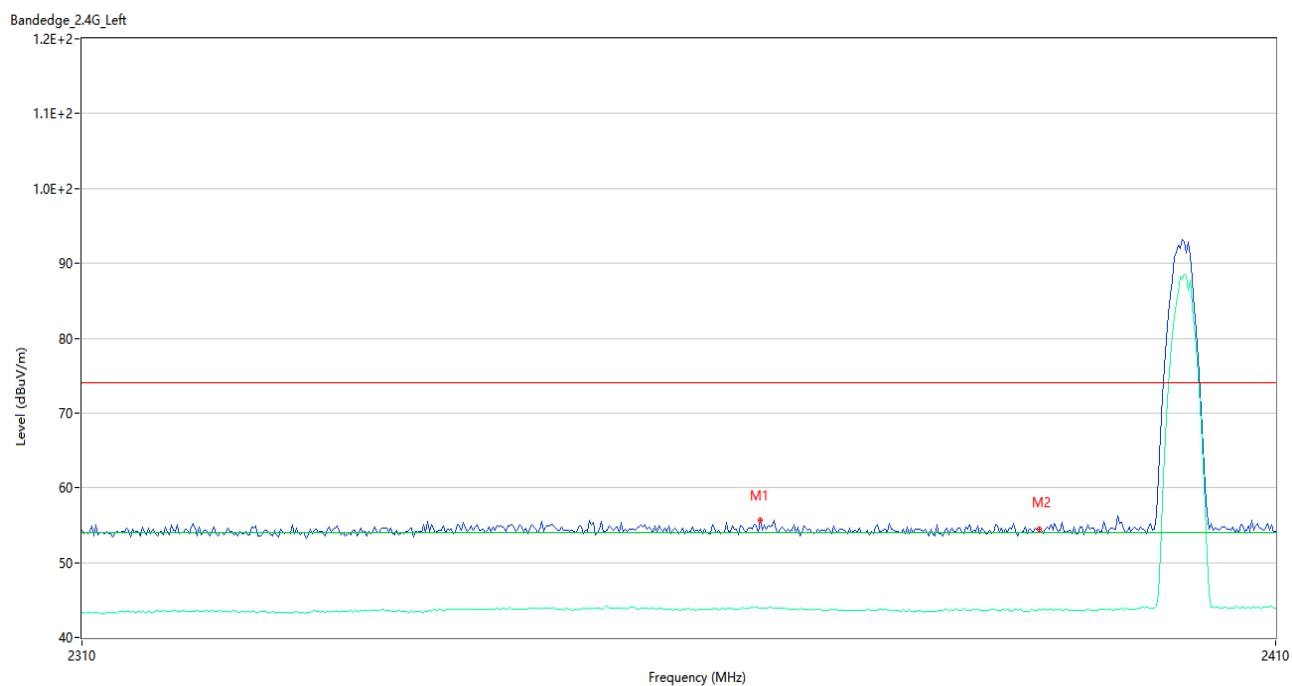
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.500	55.51	74.0	18.49	Peak	93.00	150	Horizontal	Pass
1**	2384.500	43.69	54.0	10.31	AV	93.00	150	Horizontal	Pass
2	2389.833	54.16	74.0	19.84	Peak	138.00	150	Horizontal	Pass
2**	2389.833	43.66	54.0	10.34	AV	138.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



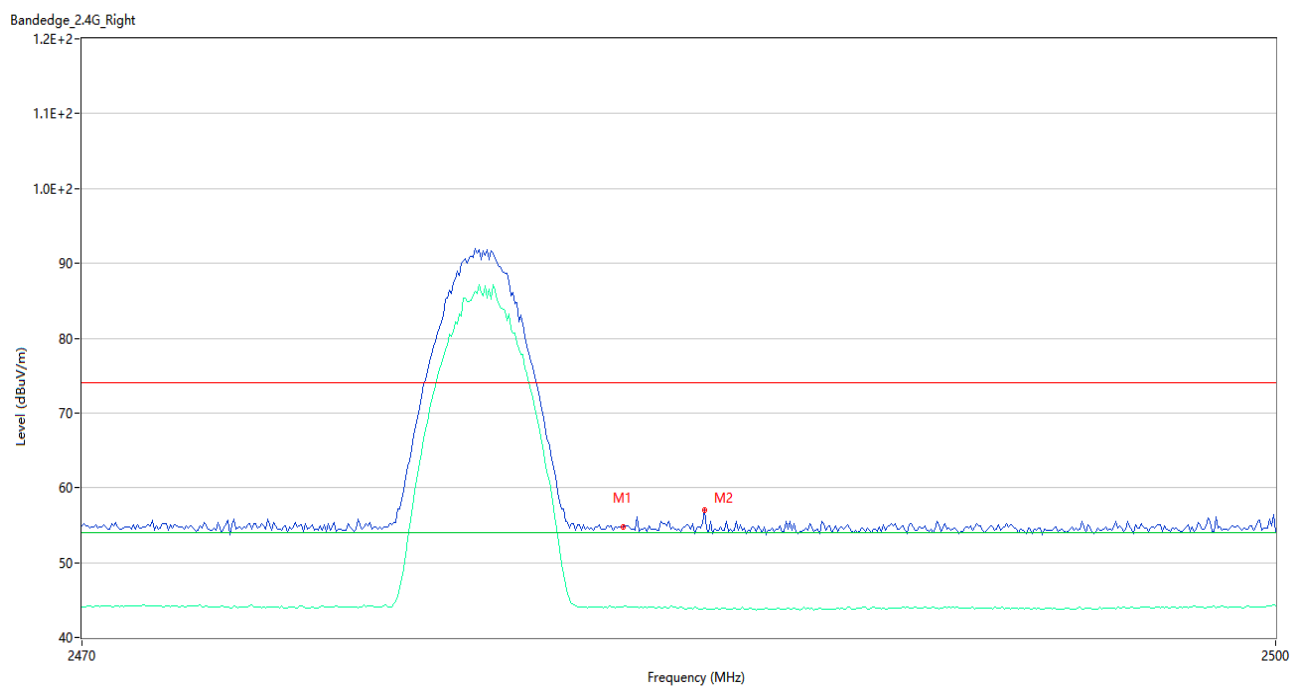
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.40	74.0	18.60	Peak	57.00	200	Horizontal	Pass
1**	2483.500	44.11	54.0	9.89	AV	57.00	200	Horizontal	Pass
2	2498.350	56.02	74.0	17.98	Peak	205.00	150	Horizontal	Pass
2**	2498.350	43.98	54.0	10.02	AV	205.00	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	2366.333	55.73	74.0	18.27	Peak	1.00	150	Horizontal	Pass
1**	2366.333	43.99	54.0	10.01	AV	1.00	150	Horizontal	Pass
2	2389.833	54.49	74.0	19.51	Peak	122.00	100	Horizontal	Pass
2**	2389.833	43.74	54.0	10.26	AV	122.00	100	Horizontal	Pass

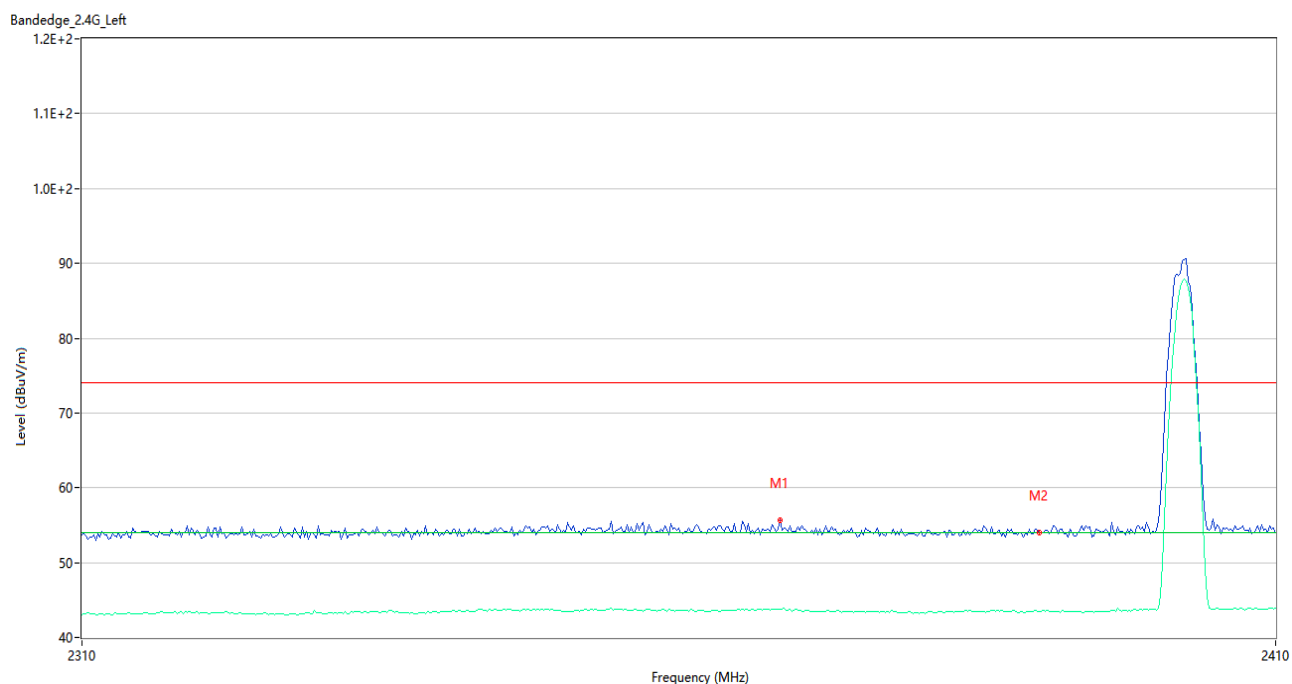
8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	54.76	74.0	19.24	Peak	305.00	200	Horizontal	Pass
1**	2483.550	44.09	54.0	9.91	AV	305.00	200	Horizontal	Pass
2	2485.600	57.00	74.0	17.00	Peak	222.00	100	Horizontal	Pass
2**	2485.600	43.86	54.0	10.14	AV	222.00	100	Horizontal	Pass

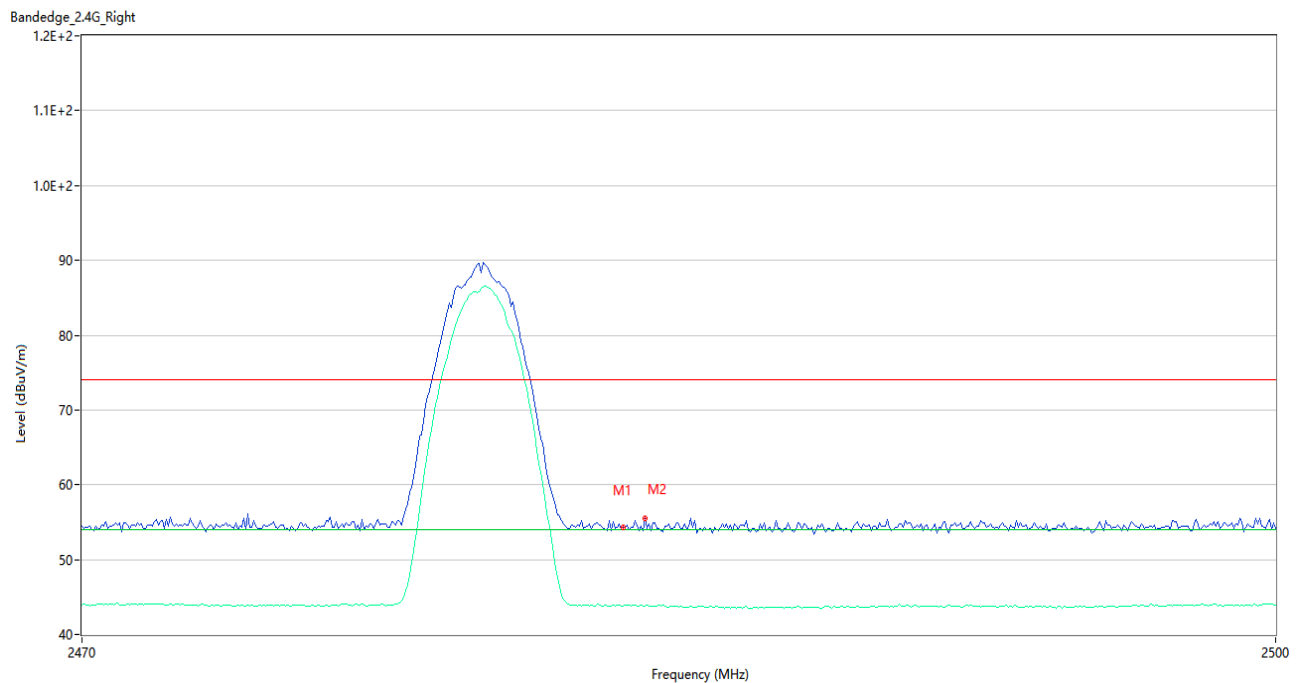
Right Ear

GFSK LOW CHANNEL



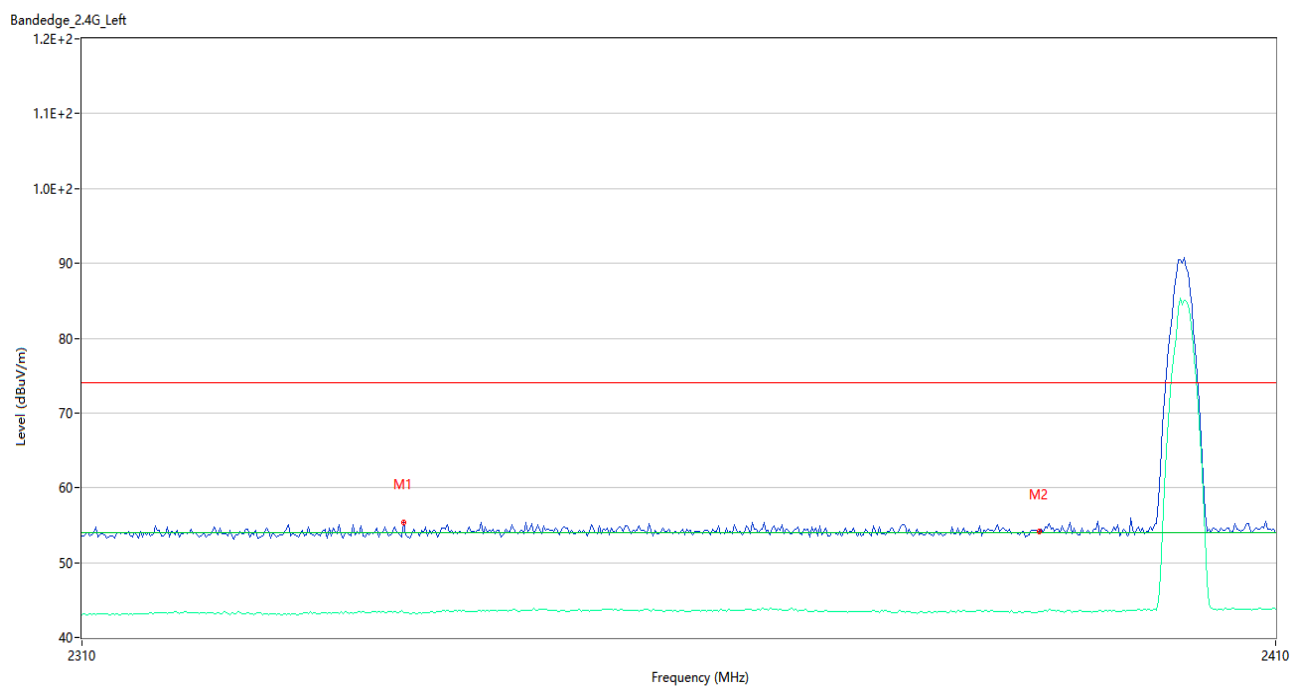
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2368.000	55.64	74.0	18.36	Peak	14.00	150	Horizontal	Pass
1**	2368.000	43.82	54.0	10.18	AV	14.00	150	Horizontal	Pass
2	2389.833	53.96	74.0	20.04	Peak	347.00	150	Horizontal	Pass
2**	2389.833	43.52	54.0	10.48	AV	347.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



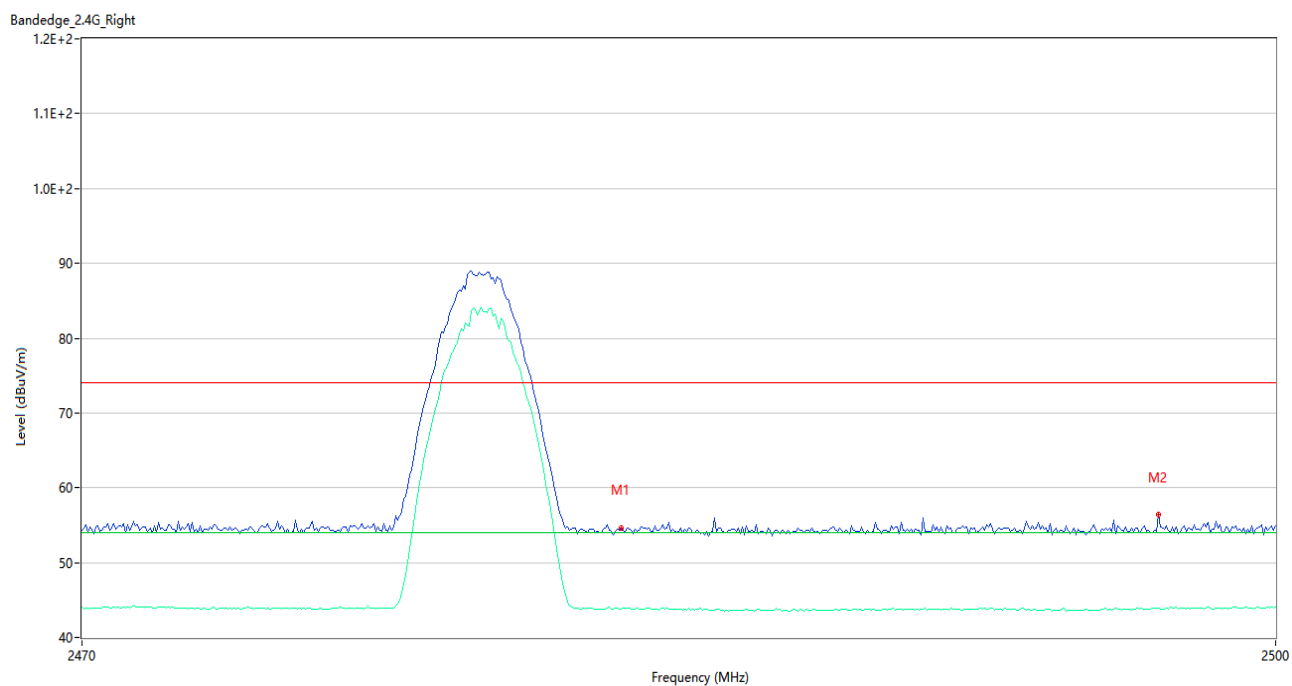
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	54.35	74.0	19.65	Peak	102.00	100	Horizontal	Pass
1**	2483.550	43.73	54.0	10.27	AV	102.00	100	Horizontal	Pass
2	2484.100	55.59	74.0	18.41	Peak	120.00	200	Horizontal	Pass
2**	2484.100	43.81	54.0	10.19	AV	120.00	200	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	2336.500	55.44	74.0	18.56	Peak	58.00	150	Horizontal	Pass
1**	2336.500	43.30	54.0	10.70	AV	58.00	150	Horizontal	Pass
2	2389.833	54.15	74.0	19.85	Peak	121.00	200	Horizontal	Pass
2**	2389.833	43.46	54.0	10.54	AV	121.00	200	Horizontal	Pass

8-DPSK HIGH CHANNEL



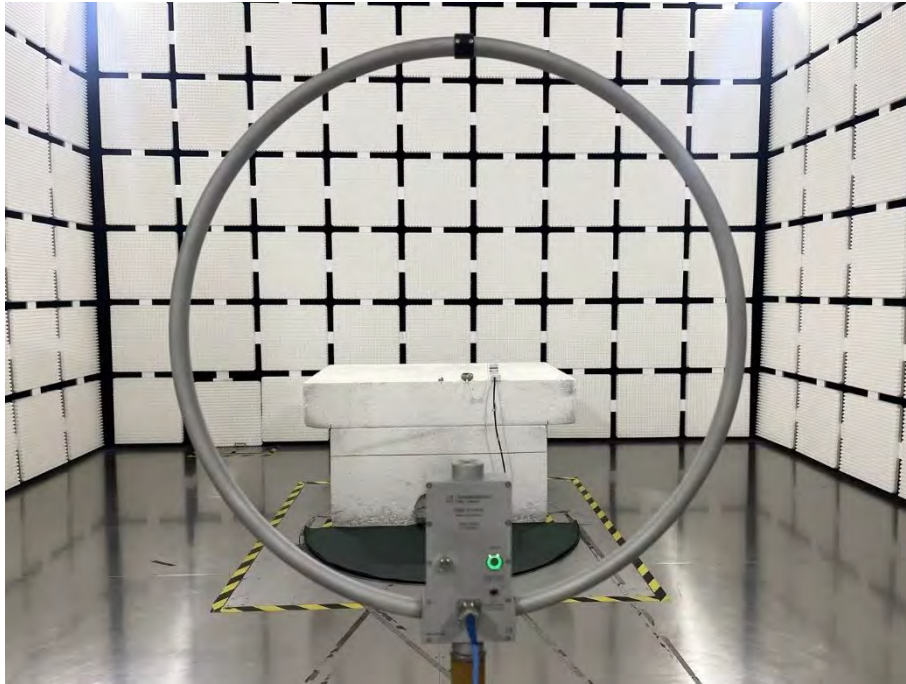
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.68	74.0	19.32	Peak	0.00	150	Horizontal	Pass
1**	2483.500	43.82	54.0	10.18	AV	0.00	150	Horizontal	Pass
2	2497.050	56.35	74.0	17.65	Peak	0.00	150	Horizontal	Pass
2**	2497.050	43.89	54.0	10.11	AV	0.00	150	Horizontal	Pass

ANNEX A TEST SETUP PHOTOS

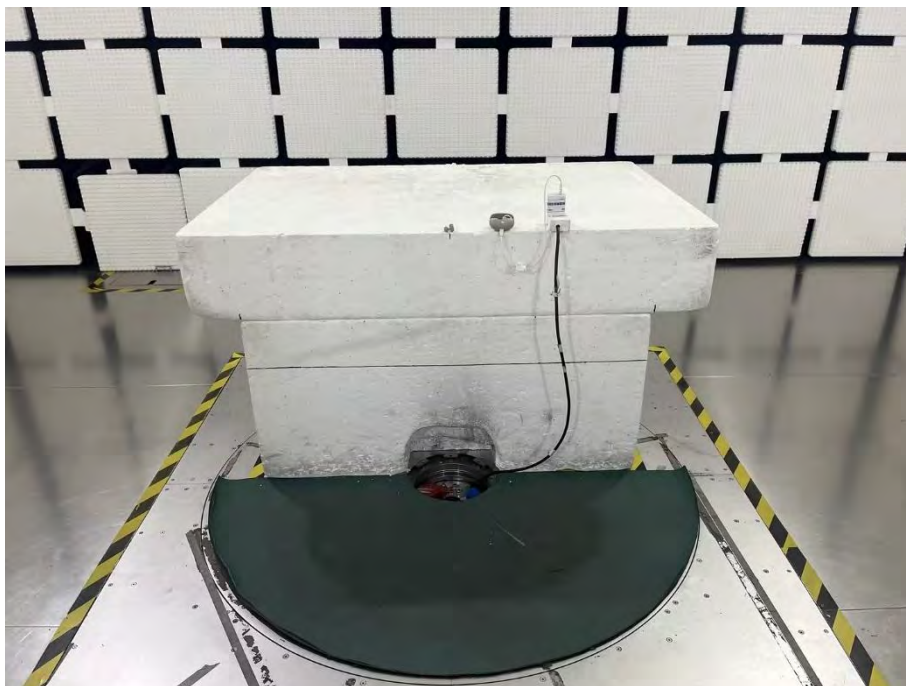
1 Radiated Test Photo

Left Ear

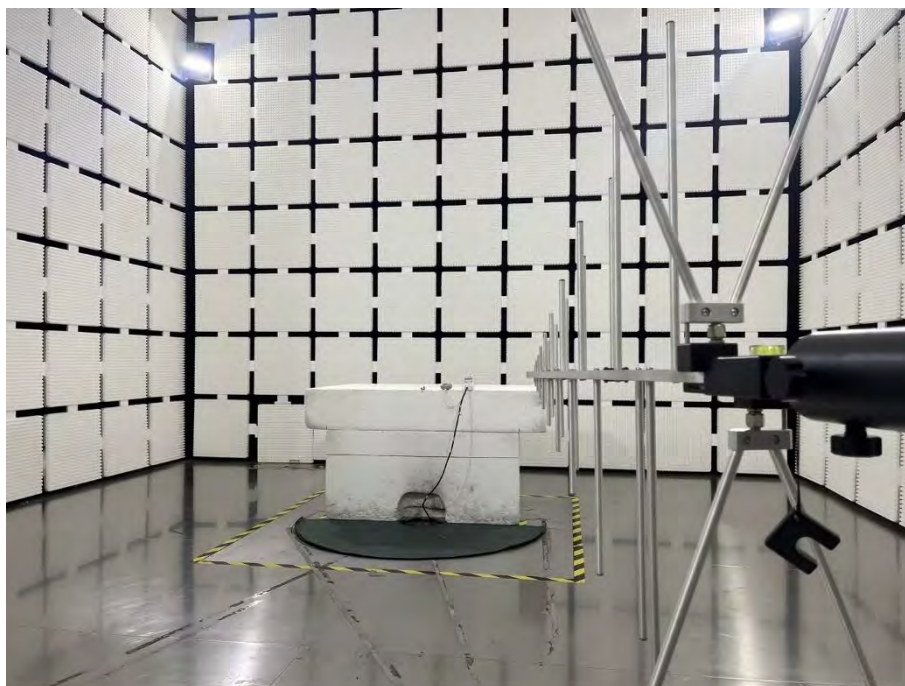
Below 30MHz



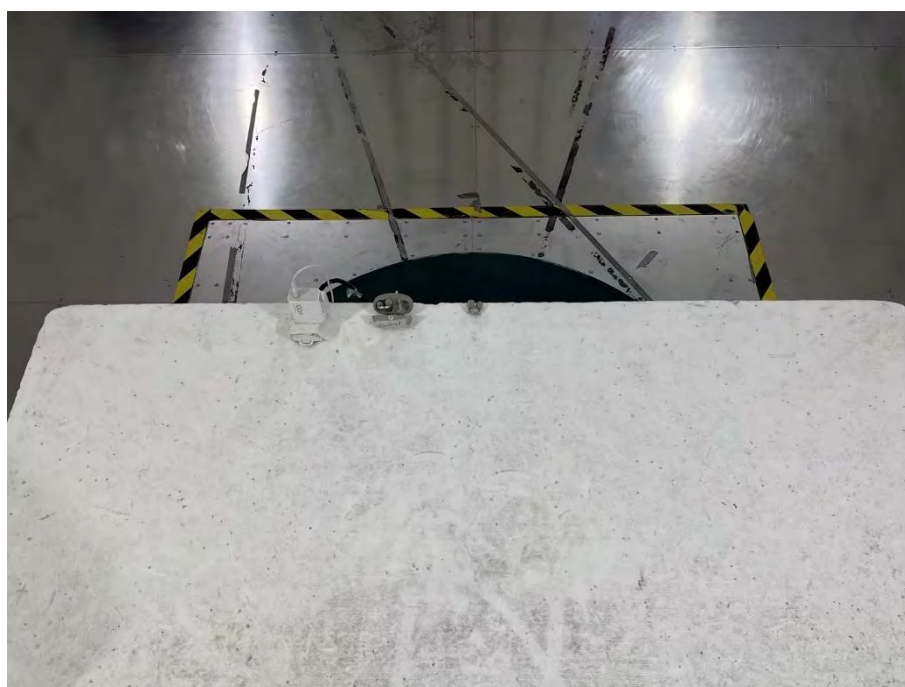
Close-up



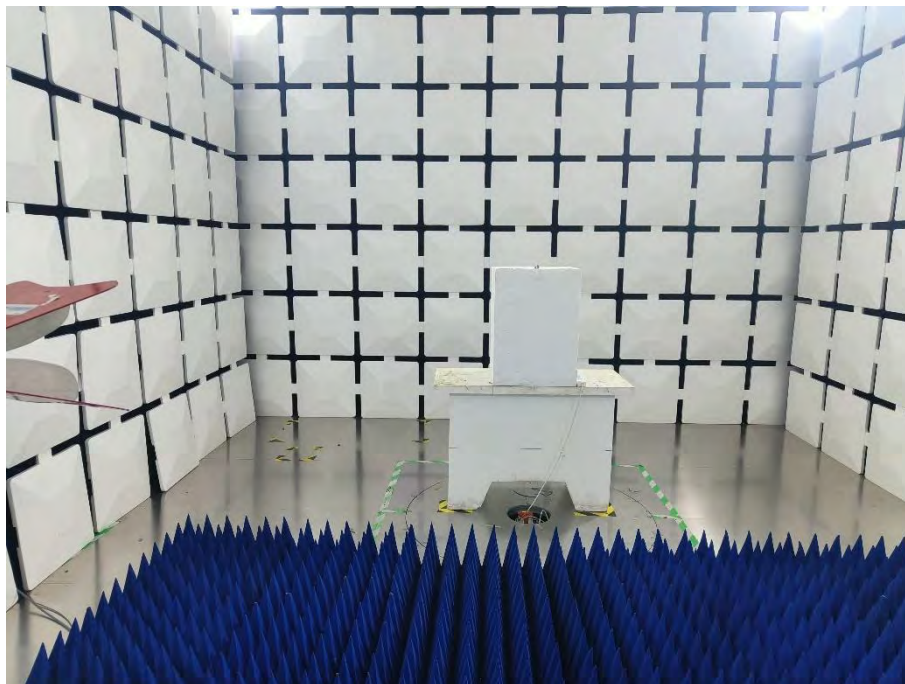
30MHz-1GHz



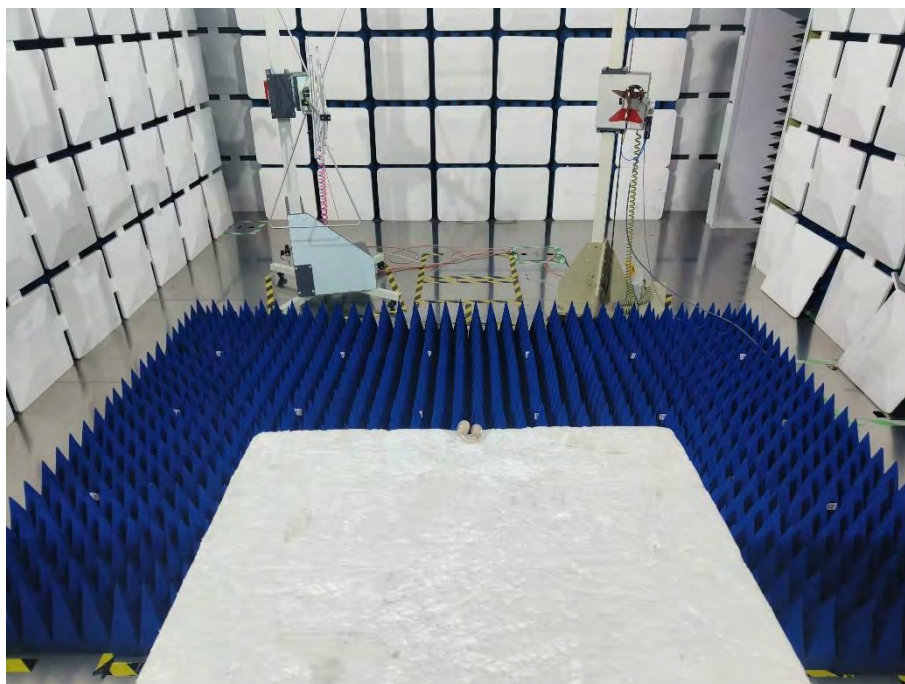
Close-up



Above 1GHz

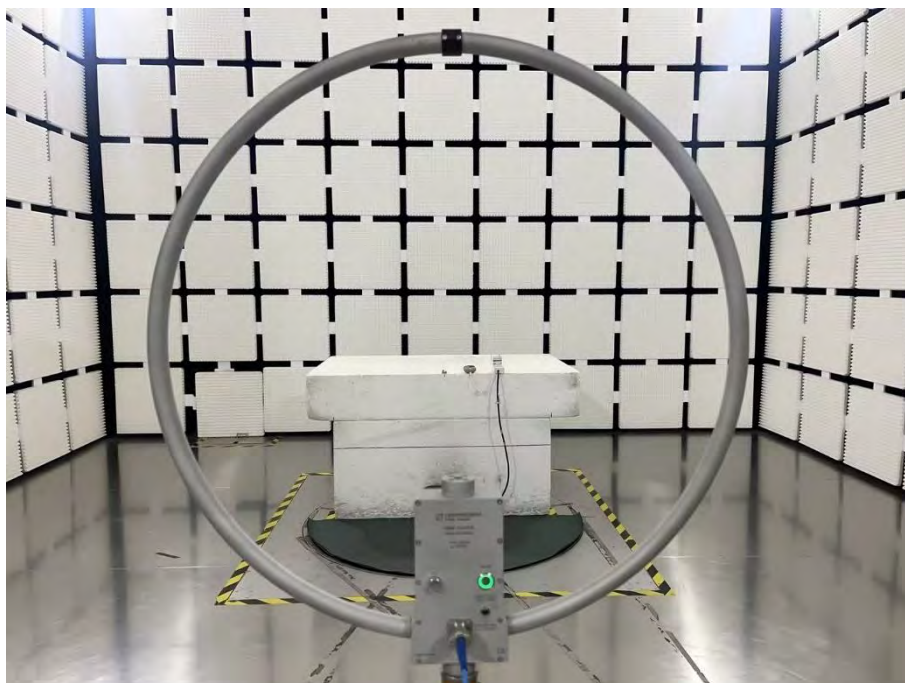


Close-up

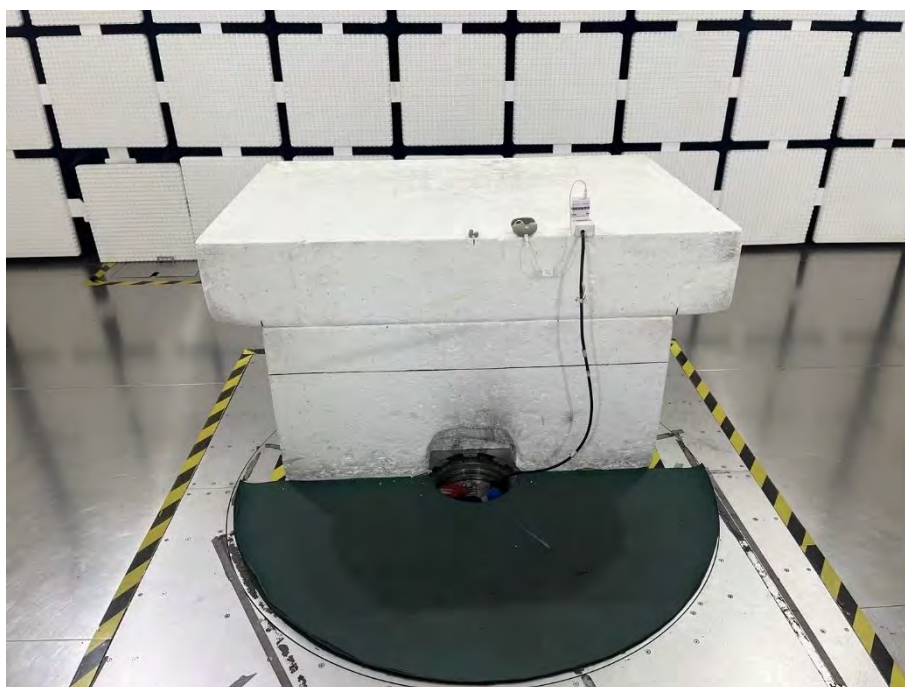


Right Ear

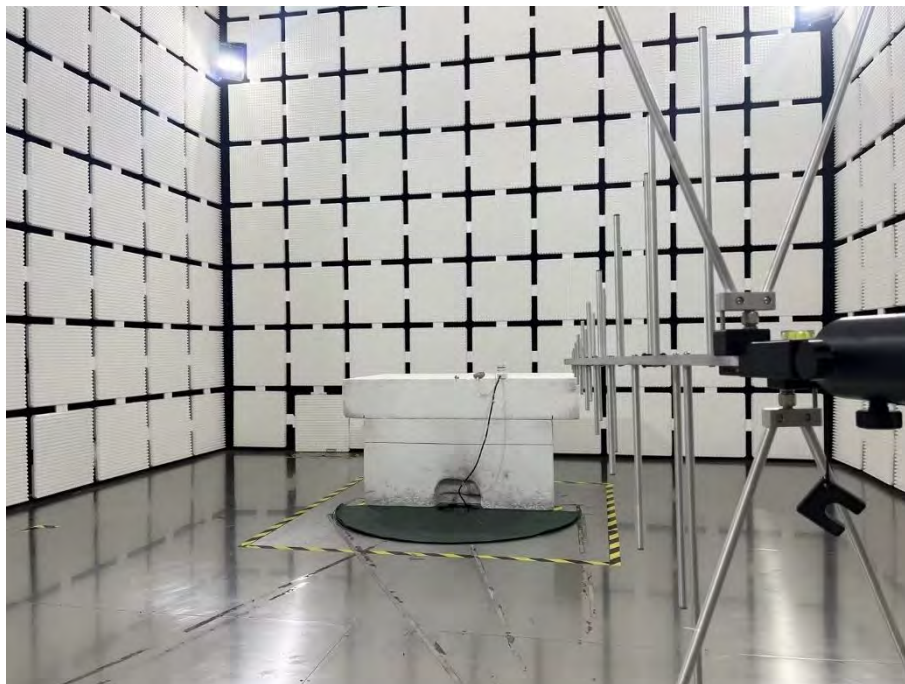
Below 30MHz



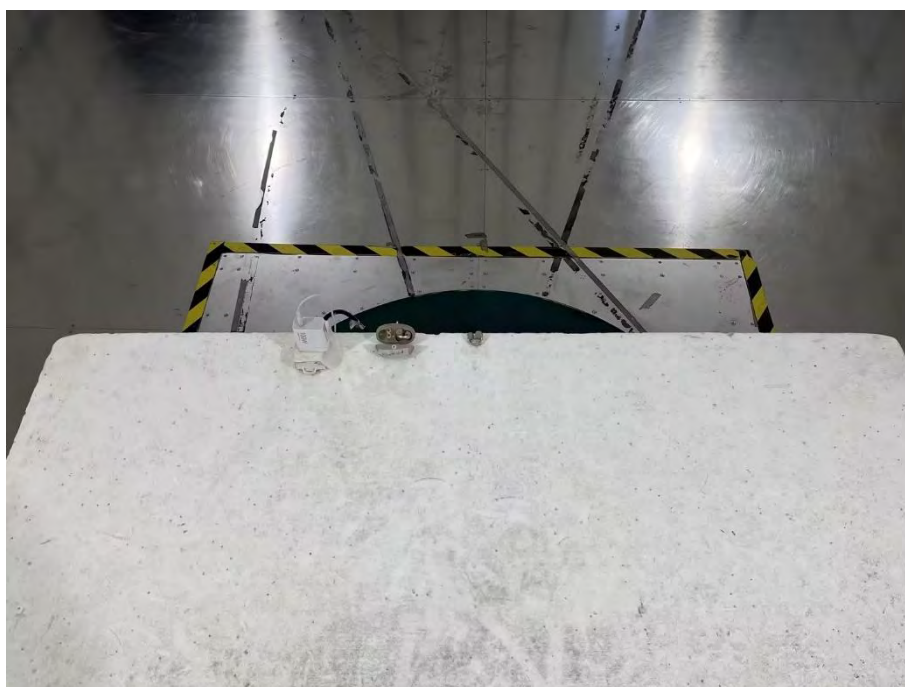
Close-up



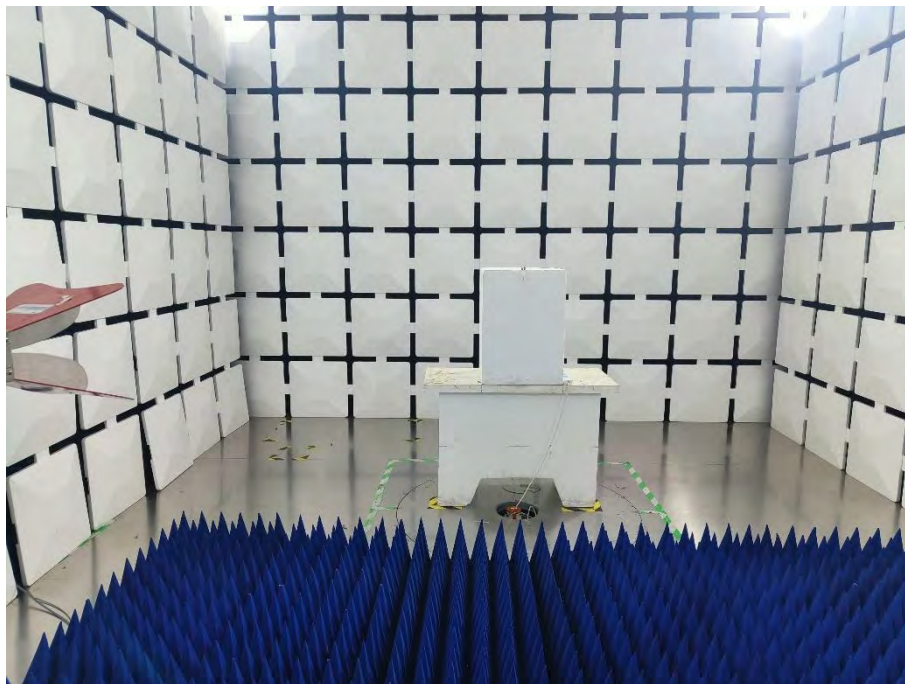
30MHz-1GHz



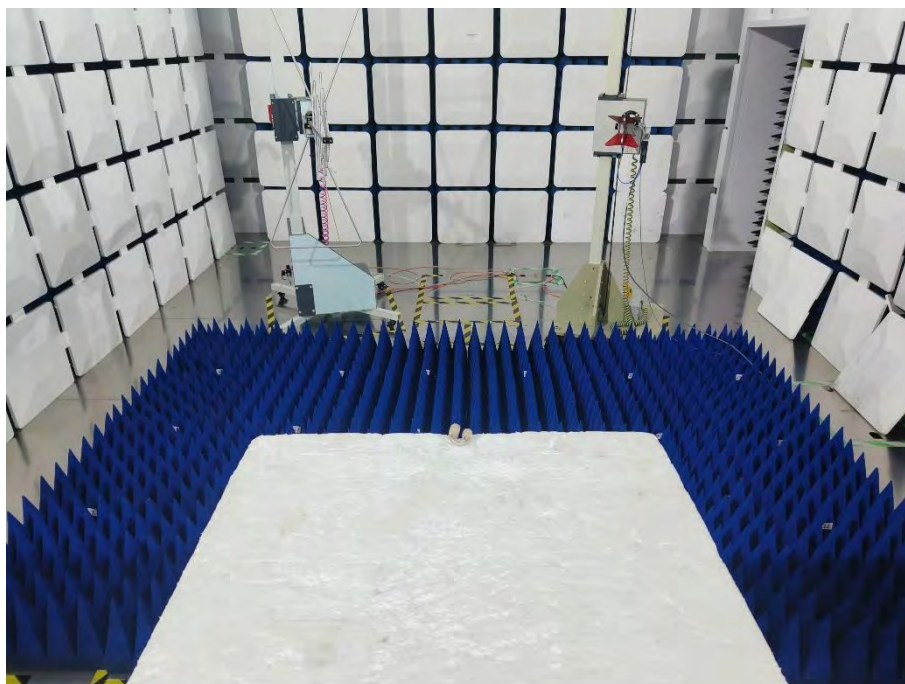
Close-up



Above 1GHz



Close-up



2 Conducted Test Photo

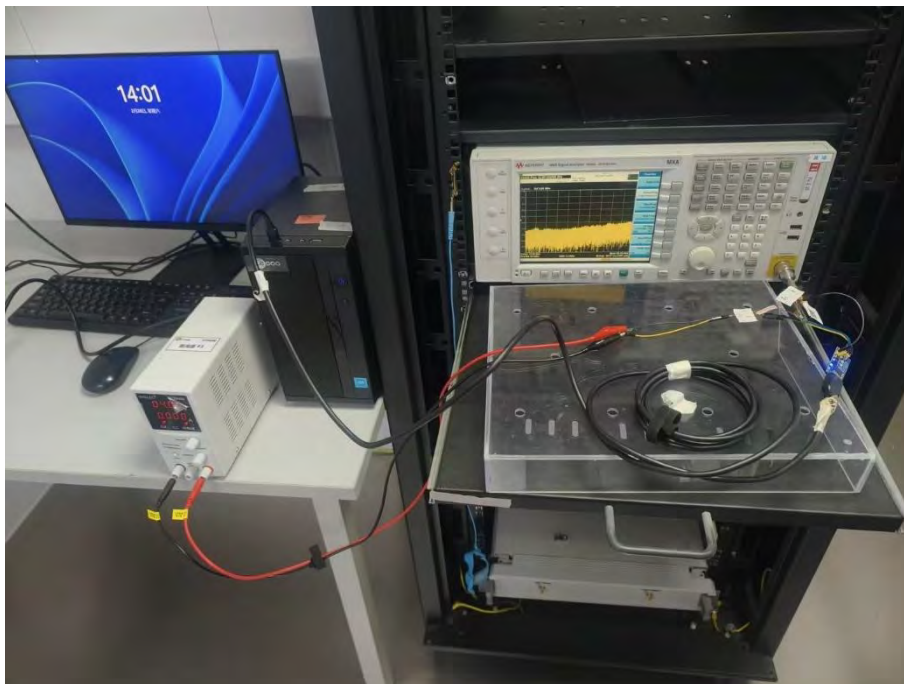
Left Ear

Conducted Test



Right Ear

Conducted Test



3 Conducted Emission

Left Ear

Photo 1



Photo 2



Right Ear

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



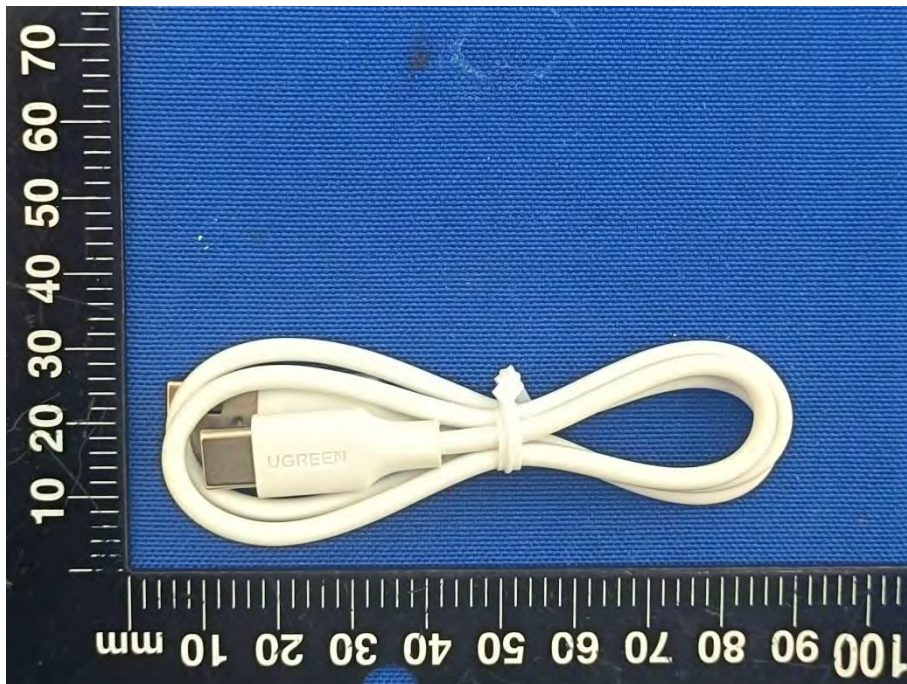
TOP VIEW OF EUT



BOTTOM VIEW OF EUT



Accessory-Type-C Cable



Accessory-Charging Case







ANNEX C EUT INTERNAL PHOTOS

EUT UNCOVER VIEW 1



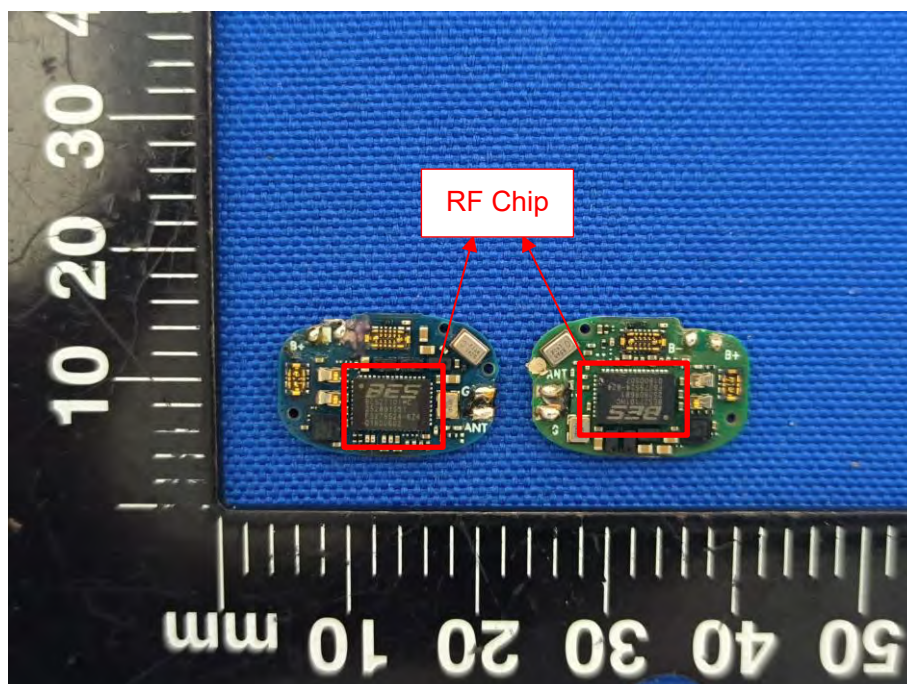
EUT UNCOVER VIEW 2



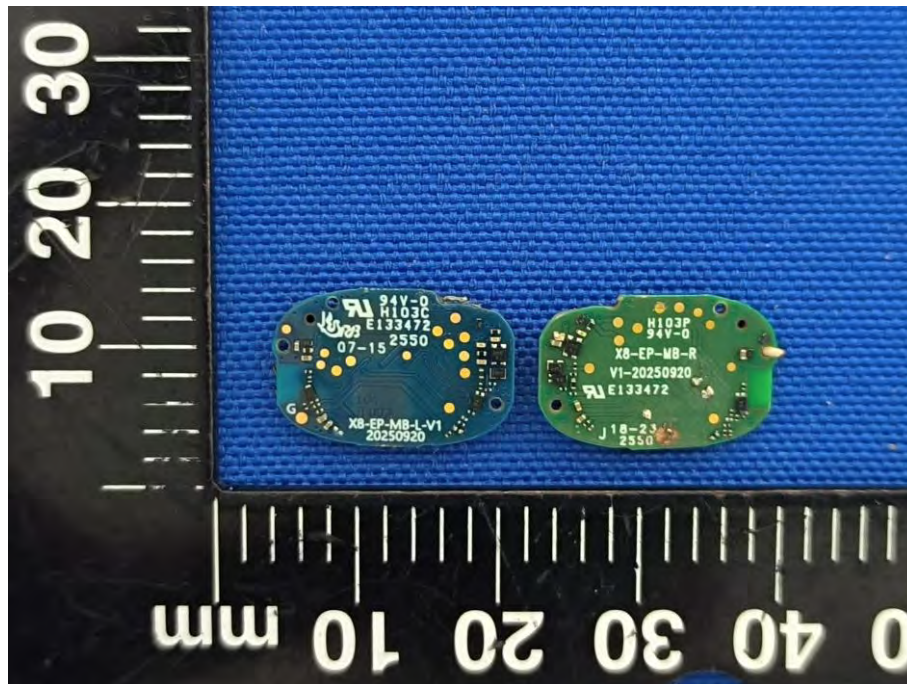
EUT UNCOVER VIEW 3



MAIN BOARD TOP VIEW



MAIN BOARD REAR VIEW



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--END OF REPORT--