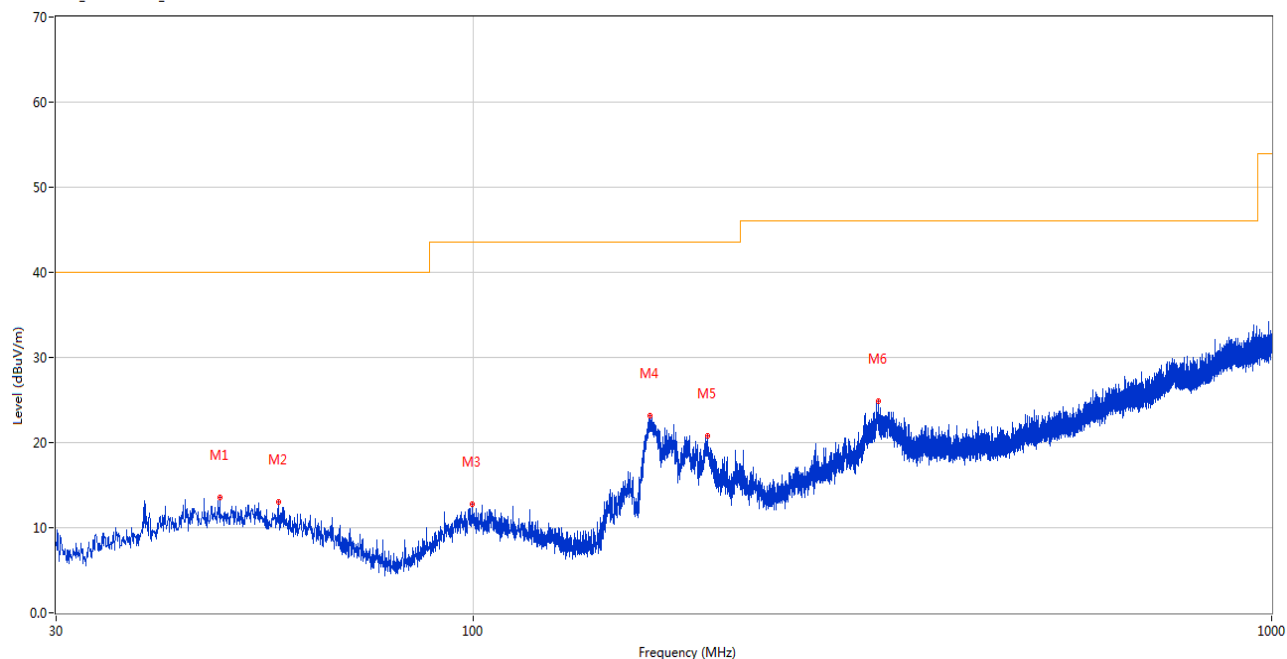


Right Ear

30 MHz to 1 GHz, ANT H

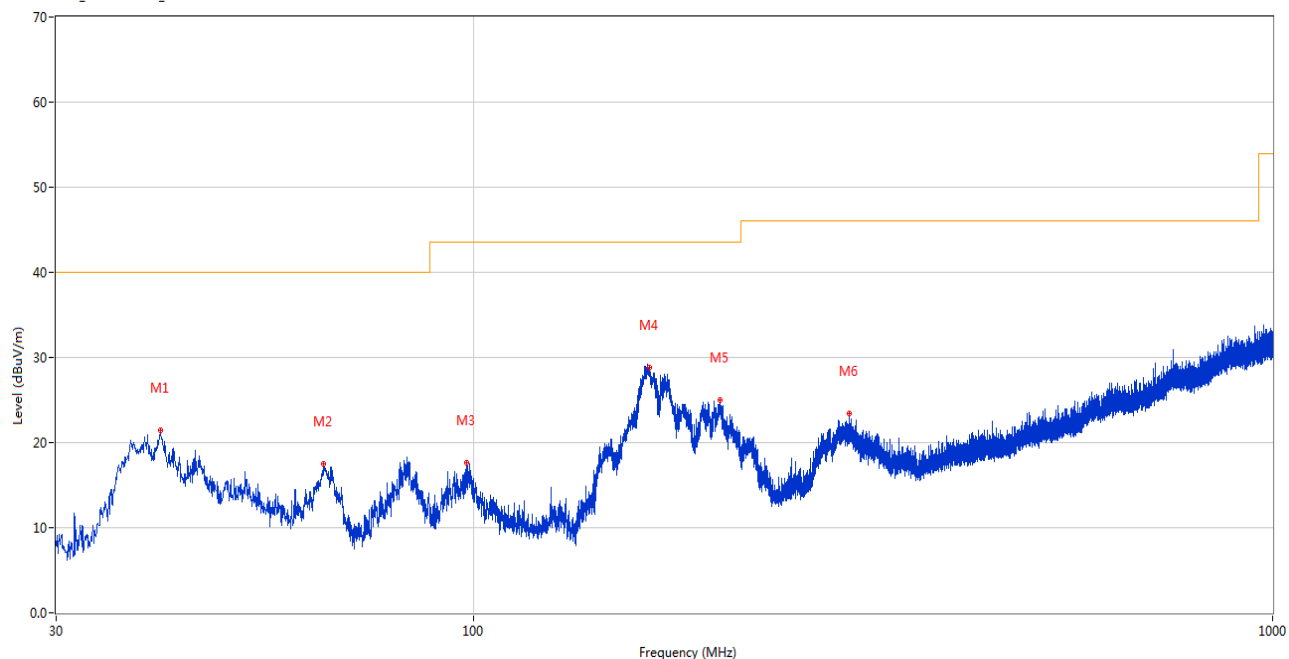
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.139	13.59	-24.19	40.0	26.41	Peak	69.40	100	Horizontal	Pass
2	56.917	13.06	-24.86	40.0	26.94	Peak	41.10	100	Horizontal	Pass
3	99.695	12.73	-25.62	43.5	30.77	Peak	3.80	100	Horizontal	Pass
4	166.576	23.17	-27.26	43.5	20.33	Peak	126.00	100	Horizontal	Pass
5	196.404	20.85	-24.16	43.5	22.65	Peak	122.20	100	Horizontal	Pass
6	321.388	24.88	-20.94	46.0	21.12	Peak	12.10	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



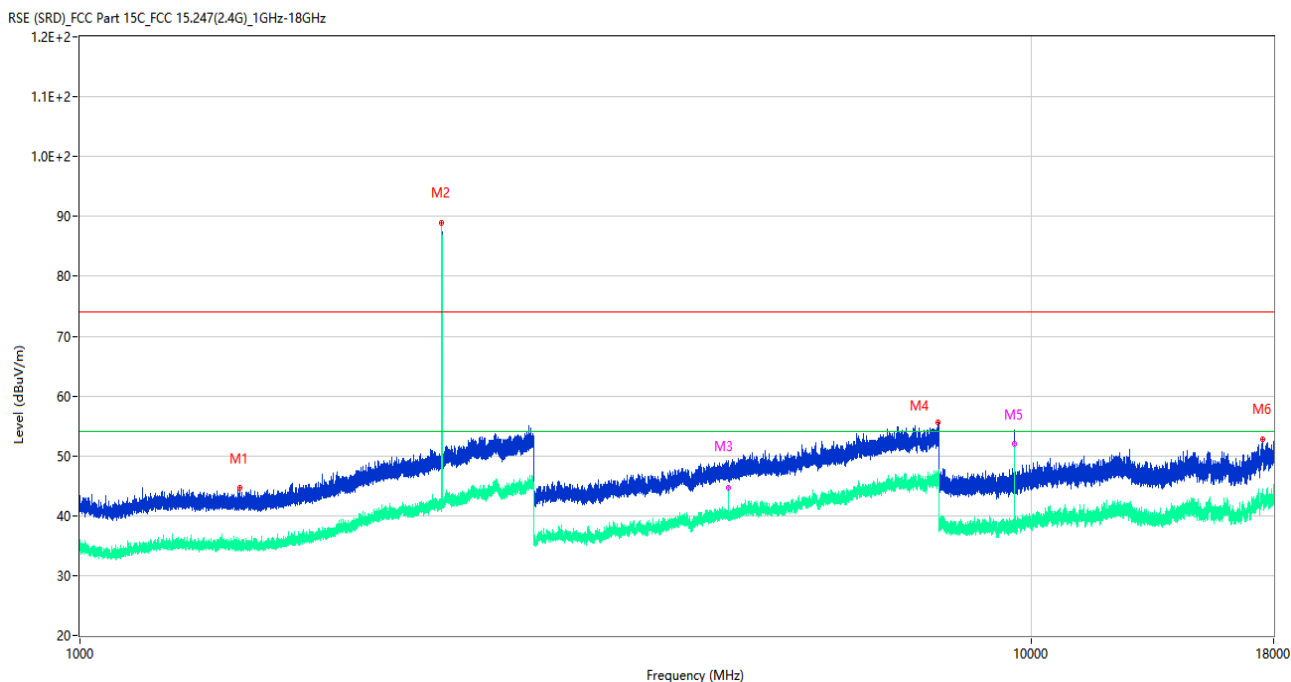
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.476	21.48	-25.51	40.0	18.52	Peak	295.00	100	Vertical	Pass
2	64.823	17.55	-26.60	40.0	22.45	Peak	54.90	100	Vertical	Pass
3	97.803	17.62	-26.09	43.5	25.88	Peak	360.00	100	Vertical	Pass
4	166.042	28.86	-27.28	43.5	14.64	Peak	305.90	100	Vertical	Pass
5	203.630	24.94	-24.69	43.5	18.56	Peak	300.10	100	Vertical	Pass
6	295.150	23.43	-21.50	46.0	22.57	Peak	329.10	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

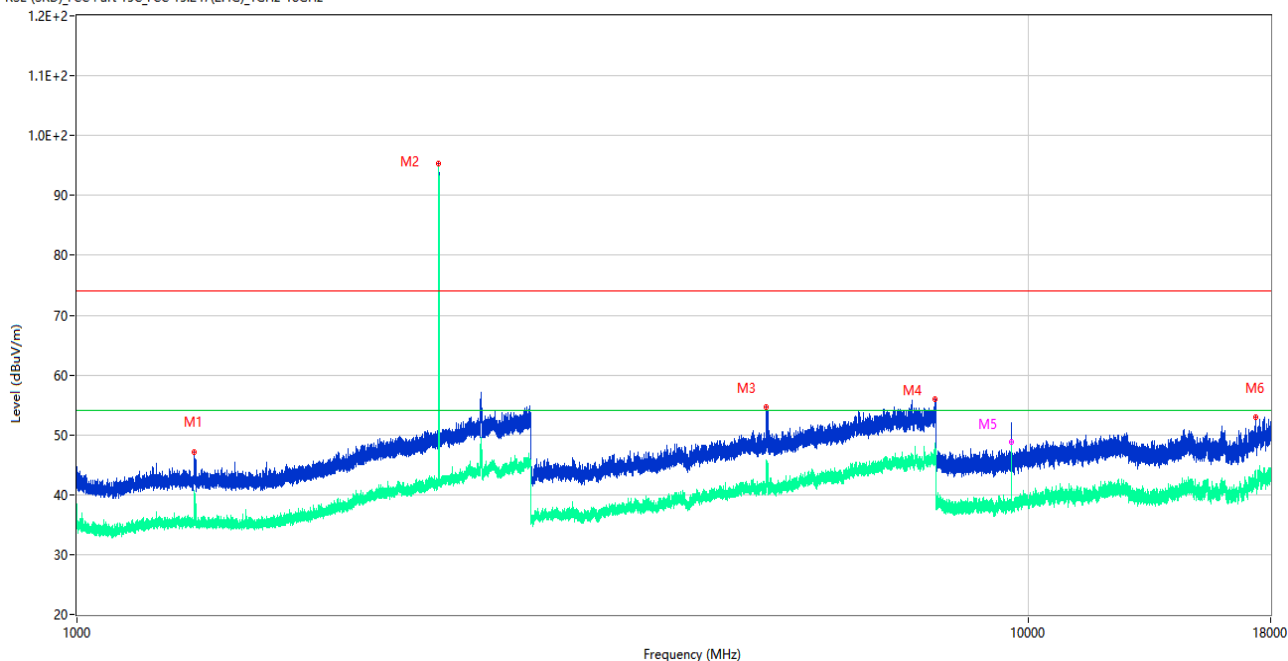
GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.600	44.63	74.0	29.37	Peak	37.00	300	Horizontal	Pass
1**	1473.600	34.95	54.0	19.05	AV	37.00	300	Horizontal	Pass
2	2401.900	88.98	74.0	-14.98	Peak	254.00	150	Horizontal	N/A
2**	2401.900	88.44	54.0	-34.44	AV	254.00	150	Horizontal	N/A
3	4804.250	48.27	74.0	25.73	Peak	0.00	150	Horizontal	Pass
3**	4804.250	44.60	54.0	9.40	AV	0.00	150	Horizontal	Pass
4	7992.000	55.62	74.0	18.38	Peak	147.00	300	Horizontal	Pass
4**	7992.000	46.68	54.0	7.32	AV	147.00	300	Horizontal	Pass
5	9608.350	53.67	74.0	20.33	Peak	13.00	150	Horizontal	Pass
5**	9608.350	51.96	--	--	AV	13.00	150	Horizontal	N/A
6	17516.212	52.70	74.0	21.30	Peak	173.00	150	Horizontal	Pass
6**	17516.212	43.09	54.0	10.91	AV	173.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

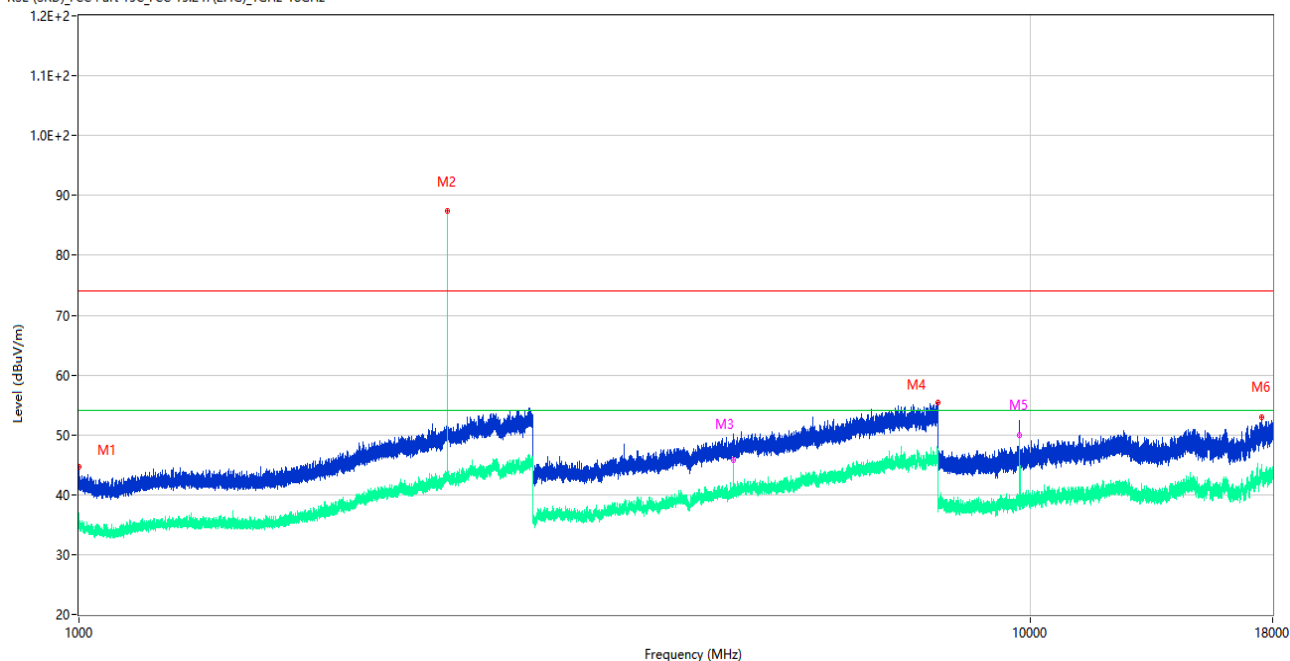
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	47.12	74.0	26.88	Peak	153.00	400	Vertical	Pass
1**	1329.600	37.32	54.0	16.68	AV	153.00	400	Vertical	Pass
2	2401.900	95.27	74.0	-21.27	Peak	138.00	200	Vertical	N/A
2**	2401.900	94.61	54.0	-40.61	AV	138.00	200	Vertical	N/A
3	5308.500	54.59	74.0	19.41	Peak	98.00	150	Vertical	Pass
3**	5308.500	44.27	54.0	9.73	AV	98.00	150	Vertical	Pass
4	7983.500	55.92	74.0	18.08	Peak	55.00	100	Vertical	Pass
4**	7983.500	46.19	54.0	7.81	AV	55.00	100	Vertical	Pass
5	9608.112	52.09	74.0	21.91	Peak	358.00	150	Vertical	Pass
5**	9608.112	48.91	--	--	AV	358.00	150	Vertical	N/A
6	17345.849	52.94	74.0	21.06	Peak	1.00	100	Vertical	Pass
6**	17345.849	43.81	54.0	10.19	AV	1.00	100	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

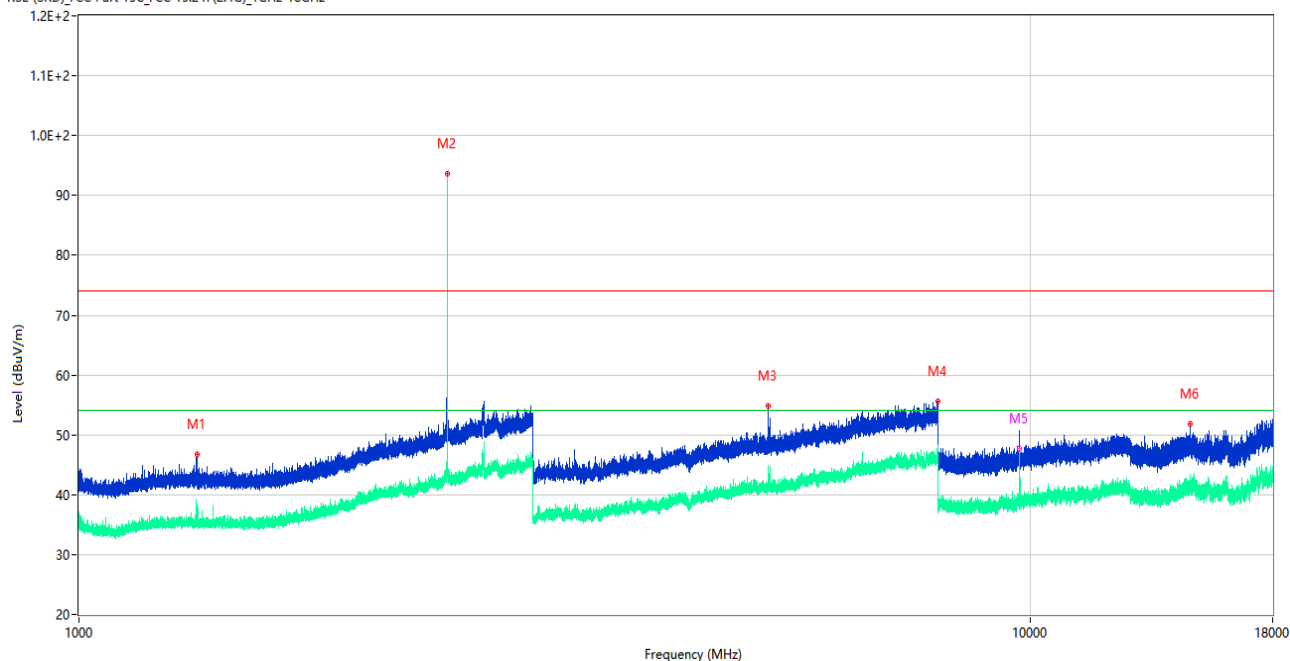
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.000	44.72	74.0	29.28	Peak	122.00	300	Horizontal	Pass
1**	1000.000	34.96	54.0	19.04	AV	122.00	300	Horizontal	Pass
2	2440.100	87.35	74.0	-13.35	Peak	325.00	150	Horizontal	N/A
2**	2440.100	86.29	54.0	-32.29	AV	325.00	150	Horizontal	N/A
3	4880.250	49.61	74.0	24.39	Peak	0.00	150	Horizontal	Pass
3**	4880.250	45.74	54.0	8.26	AV	0.00	150	Horizontal	Pass
4	7997.500	55.38	74.0	18.62	Peak	359.00	100	Horizontal	Pass
4**	7997.500	47.74	54.0	6.26	AV	359.00	100	Horizontal	Pass
5	9760.113	52.41	74.0	21.59	Peak	16.00	150	Horizontal	Pass
5**	9760.113	49.95	--	--	AV	16.00	150	Horizontal	N/A
6	17530.913	52.91	74.0	21.09	Peak	238.00	150	Horizontal	Pass
6**	17530.913	44.53	54.0	9.47	AV	238.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

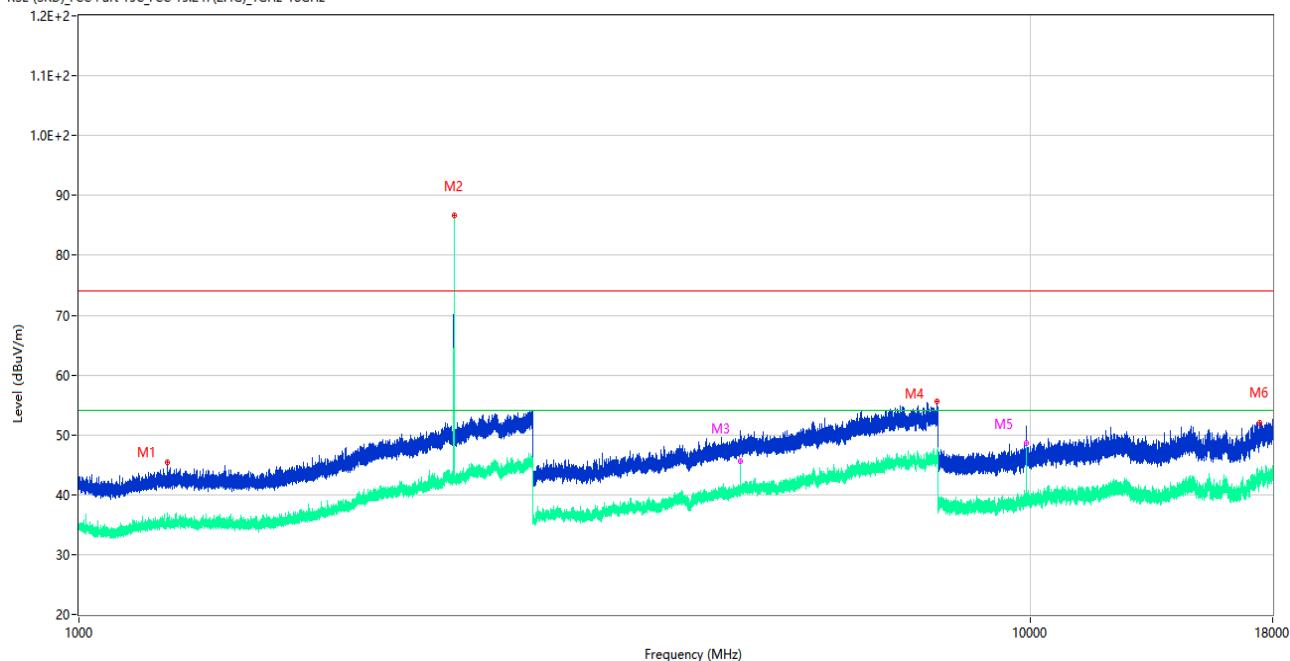
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	46.84	74.0	27.16	Peak	158.00	100	Vertical	Pass
1**	1330.900	35.50	54.0	18.50	AV	158.00	100	Vertical	Pass
2	2440.100	93.71	74.0	-19.71	Peak	137.00	200	Vertical	N/A
2**	2440.100	93.32	54.0	-39.32	AV	137.00	200	Vertical	N/A
3	5309.500	54.87	74.0	19.13	Peak	117.00	150	Vertical	Pass
3**	5309.500	44.49	54.0	9.51	AV	117.00	150	Vertical	Pass
4	7995.500	55.64	74.0	18.36	Peak	138.00	100	Vertical	Pass
4**	7995.500	46.59	54.0	7.41	AV	138.00	100	Vertical	Pass
5	9760.113	50.47	74.0	23.53	Peak	10.00	150	Vertical	Pass
5**	9760.113	47.74	--	--	AV	10.00	150	Vertical	N/A
6	14745.000	51.88	74.0	22.12	Peak	0.00	400	Vertical	Pass
6**	14745.000	41.44	54.0	12.56	AV	0.00	400	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

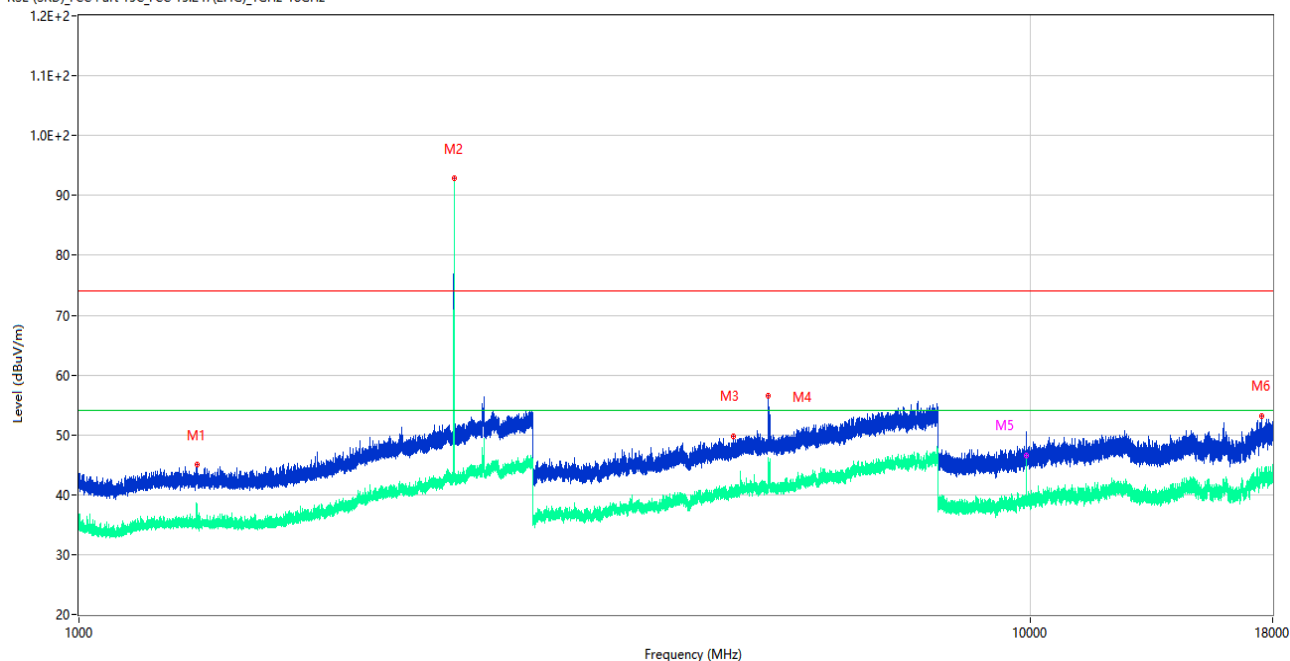
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1240.100	45.34	74.0	28.66	Peak	160.00	200	Horizontal	Pass
1**	1240.100	35.67	54.0	18.33	AV	160.00	200	Horizontal	Pass
2	2479.900	86.61	74.0	-12.61	Peak	273.00	150	Horizontal	N/A
2**	2479.900	85.74	54.0	-31.74	AV	273.00	150	Horizontal	N/A
3	4960.500	50.41	74.0	23.59	Peak	341.00	150	Horizontal	Pass
3**	4960.500	45.56	54.0	8.44	AV	341.00	150	Horizontal	Pass
4	7991.500	55.56	74.0	18.44	Peak	323.00	200	Horizontal	Pass
4**	7991.500	46.79	54.0	7.21	AV	323.00	200	Horizontal	Pass
5	9920.187	51.27	74.0	22.73	Peak	11.00	150	Horizontal	Pass
5**	9920.187	48.62	--	--	AV	11.00	150	Horizontal	N/A
6	17460.300	52.03	74.0	21.97	Peak	205.00	100	Horizontal	Pass
6**	17460.300	42.95	54.0	11.05	AV	205.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

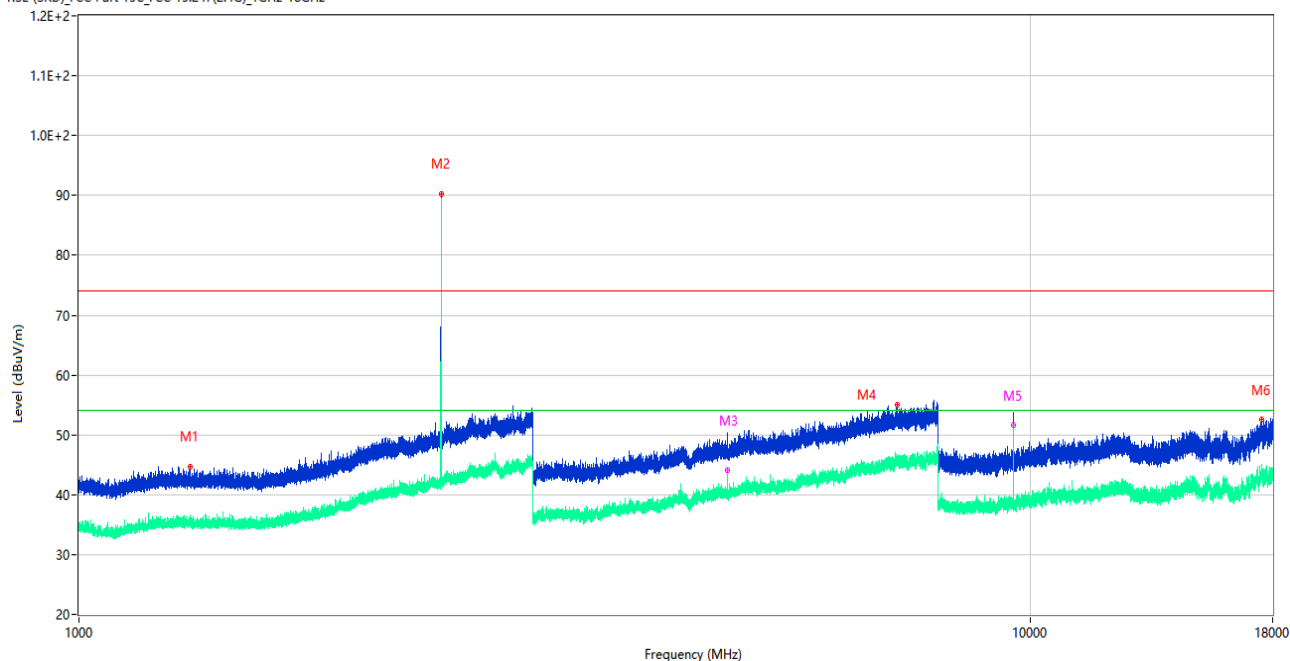
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	45.02	74.0	28.98	Peak	176.00	100	Vertical	Pass
1**	1331.100	36.81	54.0	17.19	AV	176.00	100	Vertical	Pass
2	2480.000	92.85	74.0	-18.85	Peak	116.00	200	Vertical	N/A
2**	2480.000	92.20	54.0	-38.20	AV	116.00	200	Vertical	N/A
3	4875.500	49.84	74.0	24.16	Peak	115.00	150	Vertical	Pass
3**	4875.500	40.18	54.0	13.82	AV	115.00	150	Vertical	Pass
4	5308.500	56.50	74.0	17.50	Peak	104.00	200	Vertical	Pass
4**	5308.500	46.00	54.0	8.00	AV	104.00	200	Vertical	Pass
5	9920.187	49.62	74.0	24.38	Peak	5.00	150	Vertical	Pass
5**	9920.187	46.48	--	--	AV	5.00	150	Vertical	N/A
6	17536.162	53.10	74.0	20.90	Peak	98.00	150	Vertical	Pass
6**	17536.162	43.87	54.0	10.13	AV	98.00	150	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

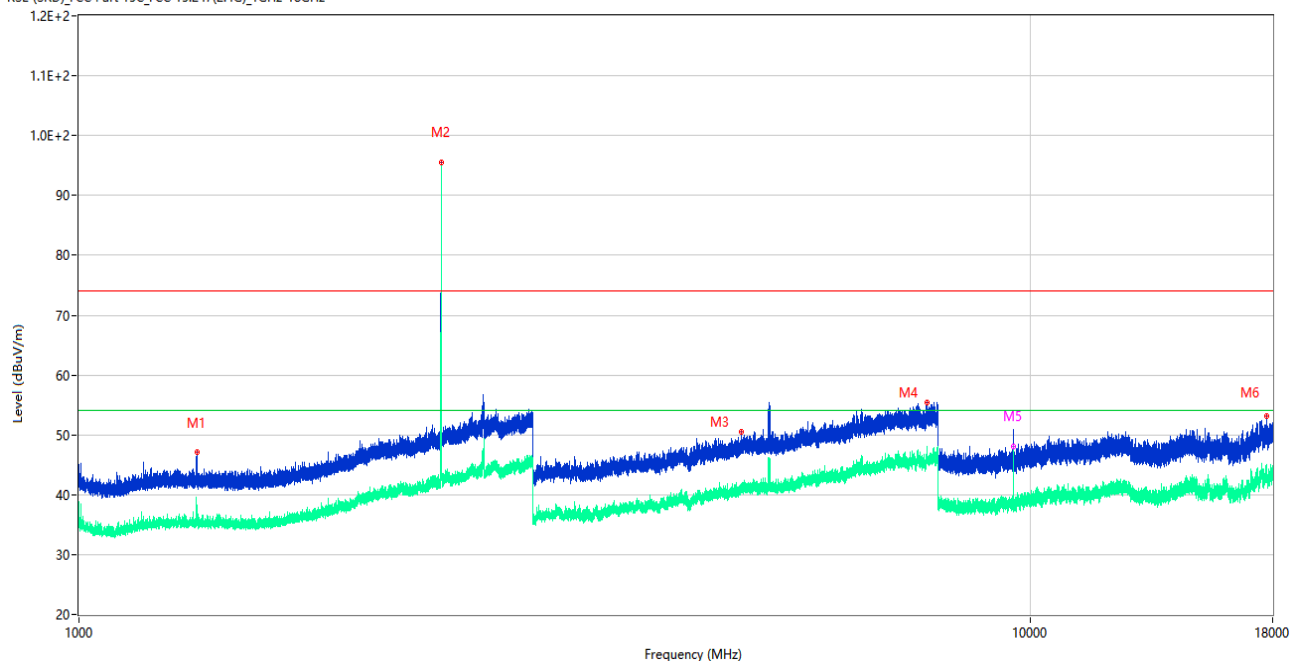
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1308.200	44.67	74.0	29.33	Peak	280.00	200	Horizontal	Pass
1**	1308.200	35.09	54.0	18.91	AV	280.00	200	Horizontal	Pass
2	2404.100	90.25	74.0	-16.25	Peak	259.00	200	Horizontal	N/A
2**	2404.100	88.84	54.0	-34.84	AV	259.00	200	Horizontal	N/A
3	4808.500	48.70	74.0	25.30	Peak	348.00	150	Horizontal	Pass
3**	4808.500	44.16	54.0	9.84	AV	348.00	150	Horizontal	Pass
4	7254.750	54.97	74.0	19.03	Peak	352.00	150	Horizontal	Pass
4**	7254.750	45.70	54.0	8.30	AV	352.00	150	Horizontal	Pass
5	9616.187	52.92	74.0	21.08	Peak	12.00	150	Horizontal	Pass
5**	9616.187	51.61	--	--	AV	12.00	150	Horizontal	N/A
6	17528.025	52.57	74.0	21.43	Peak	198.00	150	Horizontal	Pass
6**	17528.025	42.78	54.0	11.22	AV	198.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

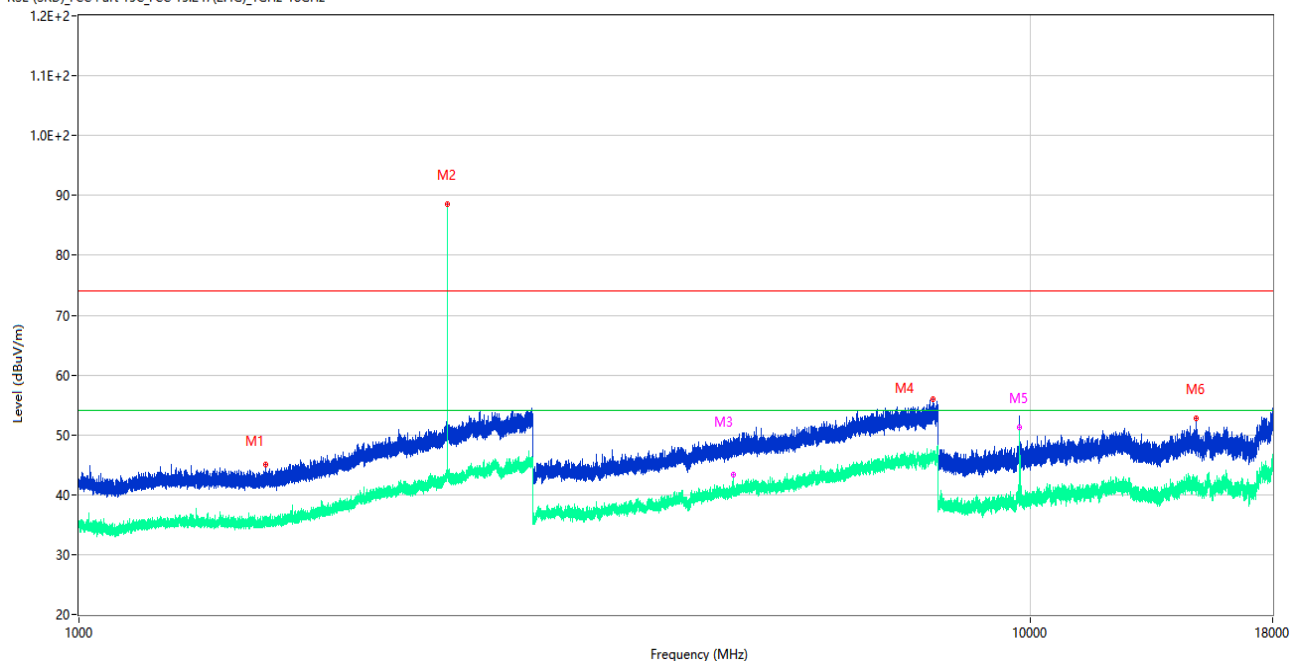
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	47.11	74.0	26.89	Peak	184.00	200	Vertical	Pass
1**	1331.200	35.80	54.0	18.20	AV	184.00	200	Vertical	Pass
2	2403.800	95.51	74.0	-21.51	Peak	140.00	200	Vertical	N/A
2**	2403.800	94.39	54.0	-40.39	AV	140.00	200	Vertical	N/A
3	4966.750	50.53	74.0	23.47	Peak	290.00	200	Vertical	Pass
3**	4966.750	40.83	54.0	13.17	AV	290.00	200	Vertical	Pass
4	7794.250	55.40	74.0	18.60	Peak	4.00	200	Vertical	Pass
4**	7794.250	46.31	54.0	7.69	AV	4.00	200	Vertical	Pass
5	9616.425	50.44	74.0	23.56	Peak	360.00	150	Vertical	Pass
5**	9616.425	48.10	--	--	AV	360.00	150	Vertical	N/A
6	17740.650	53.22	74.0	20.78	Peak	37.00	150	Vertical	Pass
6**	17740.650	43.21	54.0	10.79	AV	37.00	150	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

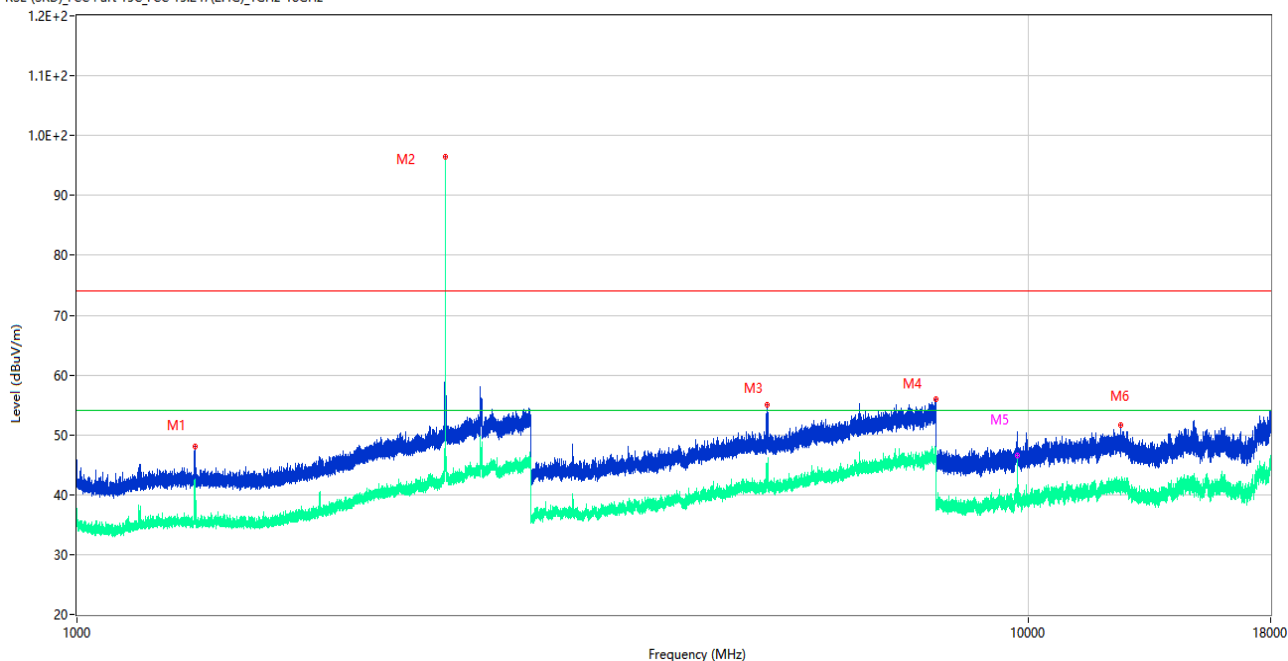
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.100	44.99	74.0	29.01	Peak	89.00	200	Vertical	Pass
1**	1572.100	35.71	54.0	18.29	AV	89.00	200	Vertical	Pass
2	2439.800	88.47	74.0	-14.47	Peak	278.00	150	Vertical	N/A
2**	2439.800	86.73	54.0	-32.73	AV	278.00	150	Vertical	N/A
3	4880.250	48.72	74.0	25.28	Peak	232.00	150	Vertical	Pass
3**	4880.250	43.37	54.0	10.63	AV	232.00	150	Vertical	Pass
4	7915.500	55.93	74.0	18.07	Peak	127.00	400	Vertical	Pass
4**	7915.500	46.33	54.0	7.67	AV	127.00	400	Vertical	Pass
5	9760.349	52.38	74.0	21.62	Peak	340.00	150	Vertical	Pass
5**	9760.349	51.23	--	--	AV	340.00	150	Vertical	N/A
6	14970.225	52.73	74.0	21.27	Peak	343.00	400	Vertical	Pass
6**	14970.225	41.80	54.0	12.20	AV	343.00	400	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

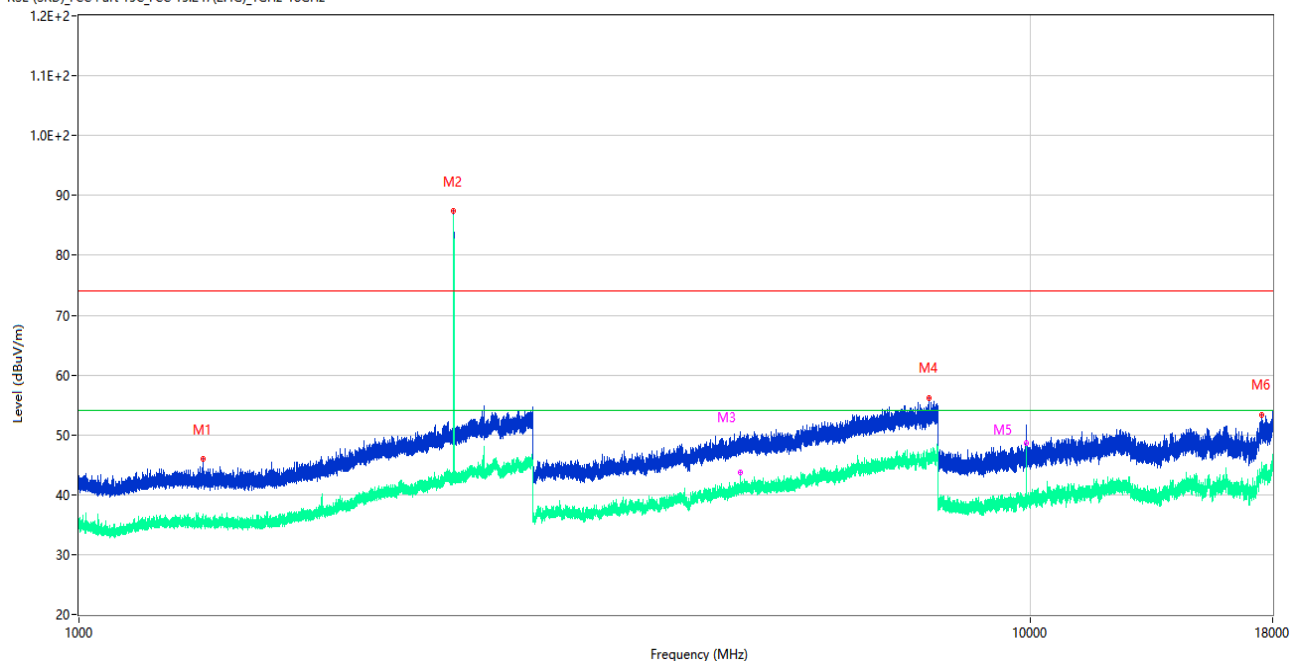
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	48.10	74.0	25.90	Peak	159.00	200	Vertical	Pass
1**	1332.700	37.55	54.0	16.45	AV	159.00	200	Vertical	Pass
2	2439.900	96.46	74.0	-22.46	Peak	137.00	100	Vertical	N/A
2**	2439.900	95.26	54.0	-41.26	AV	137.00	100	Vertical	N/A
3	5316.500	54.97	74.0	19.03	Peak	73.00	150	Vertical	Pass
3**	5316.500	43.31	54.0	10.69	AV	73.00	150	Vertical	Pass
4	7998.250	56.00	74.0	18.00	Peak	1.00	300	Vertical	Pass
4**	7998.250	46.87	54.0	7.13	AV	1.00	300	Vertical	Pass
5	9760.349	49.12	74.0	24.88	Peak	28.00	150	Vertical	Pass
5**	9760.349	46.62	--	--	AV	28.00	150	Vertical	N/A
6	12520.100	51.59	74.0	22.41	Peak	65.00	400	Vertical	Pass
6**	12520.100	40.96	54.0	13.04	AV	65.00	400	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

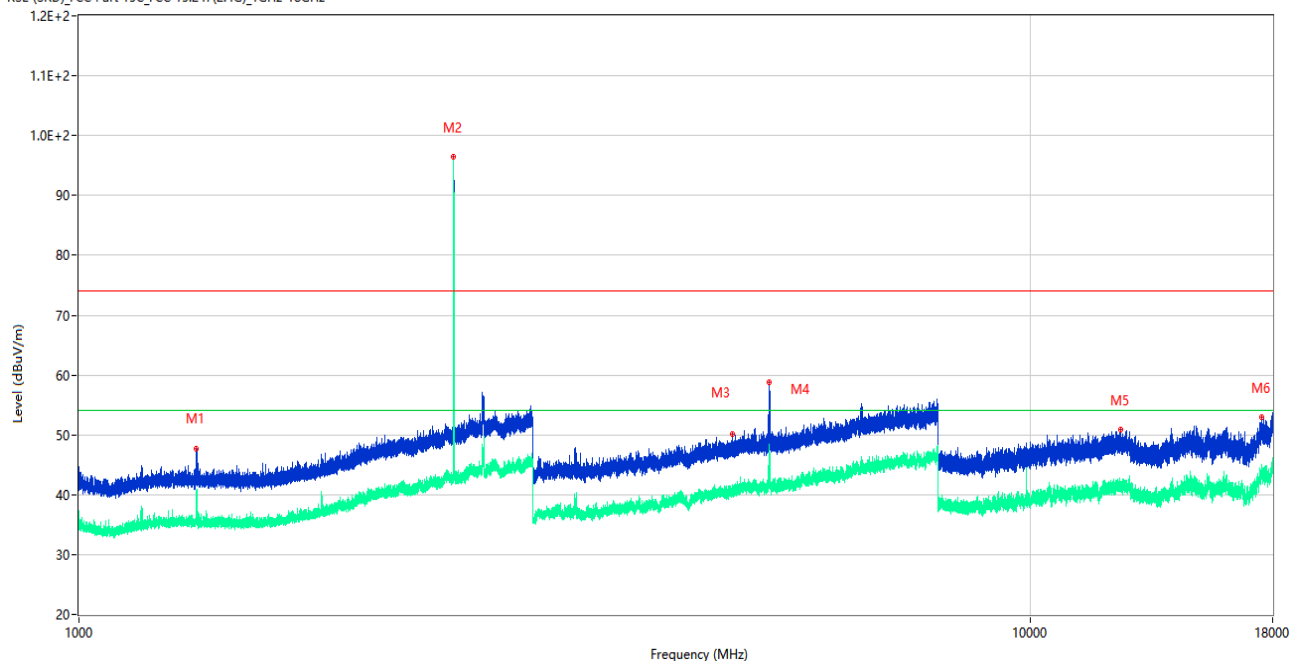
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1350.500	45.90	74.0	28.10	Peak	346.00	200	Horizontal	Pass
1**	1350.500	36.16	54.0	17.84	AV	346.00	200	Horizontal	Pass
2	2477.900	87.33	74.0	-13.33	Peak	281.00	100	Horizontal	N/A
2**	2477.900	86.46	54.0	-32.46	AV	281.00	100	Horizontal	N/A
3	4956.000	49.19	74.0	24.81	Peak	217.00	150	Horizontal	Pass
3**	4956.000	43.73	54.0	10.27	AV	217.00	150	Horizontal	Pass
4	7832.750	56.17	74.0	17.83	Peak	360.00	100	Horizontal	Pass
4**	7832.750	45.30	54.0	8.70	AV	360.00	100	Horizontal	Pass
5	9912.350	50.46	74.0	23.54	Peak	315.00	150	Horizontal	Pass
5**	9912.350	48.65	--	--	AV	315.00	150	Horizontal	N/A
6	17528.025	53.39	74.0	20.61	Peak	60.00	150	Horizontal	Pass
6**	17528.025	44.10	54.0	9.90	AV	60.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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

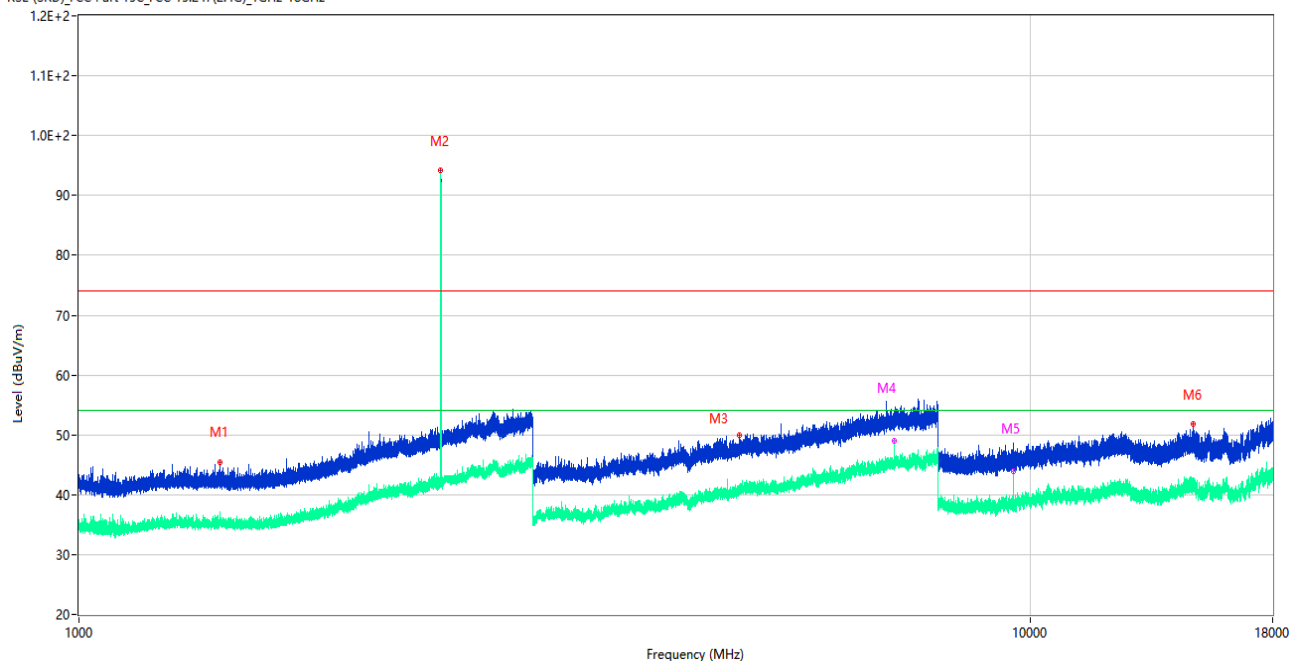


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	47.73	74.0	26.27	Peak	165.00	400	Vertical	Pass
1**	1327.900	37.98	54.0	16.02	AV	165.00	400	Vertical	Pass
2	2478.100	96.39	74.0	-22.39	Peak	135.00	100	Vertical	N/A
2**	2478.100	95.81	54.0	-41.81	AV	135.00	100	Vertical	N/A
3	4868.250	50.17	74.0	23.83	Peak	137.00	150	Vertical	Pass
3**	4868.250	41.21	54.0	12.79	AV	137.00	150	Vertical	Pass
4	5317.500	58.83	74.0	15.17	Peak	96.00	100	Vertical	Pass
4**	5317.500	41.96	54.0	12.04	AV	96.00	100	Vertical	Pass
5	12450.513	50.87	74.0	23.13	Peak	91.00	200	Vertical	Pass
5**	12450.513	41.57	54.0	12.43	AV	91.00	200	Vertical	Pass
6	17531.699	52.88	74.0	21.12	Peak	282.00	150	Vertical	Pass
6**	17531.699	43.90	54.0	10.10	AV	282.00	150	Vertical	Pass

Right Ear

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

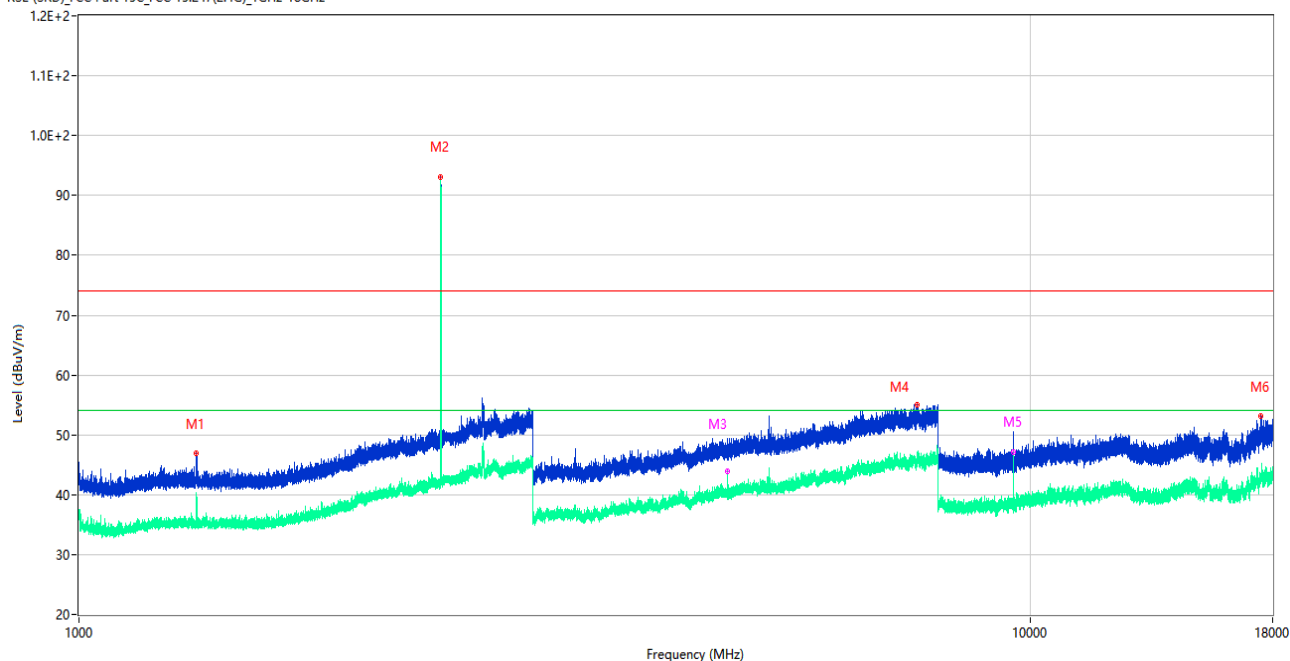
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1406.500	45.50	74.0	28.50	Peak	64.00	100	Horizontal	Pass
1**	1406.500	35.36	54.0	18.64	AV	64.00	100	Horizontal	Pass
2	2402.100	94.12	74.0	-20.12	Peak	70.00	150	Horizontal	N/A
2**	2402.100	93.95	54.0	-39.95	AV	70.00	150	Horizontal	N/A
3	4953.500	49.88	74.0	24.12	Peak	0.00	200	Horizontal	Pass
3**	4953.500	40.98	54.0	13.02	AV	0.00	200	Horizontal	Pass
4	7206.250	53.36	74.0	20.64	Peak	0.00	150	Horizontal	Pass
4**	7206.250	48.93	54.0	5.07	AV	0.00	150	Horizontal	Pass
5	9608.112	47.48	74.0	26.52	Peak	320.00	150	Horizontal	Pass
5**	9608.112	43.84	--	--	AV	320.00	150	Horizontal	Pass
6	14865.750	51.73	74.0	22.27	Peak	165.00	400	Horizontal	Pass
6**	14865.750	41.87	54.0	12.13	AV	165.00	400	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

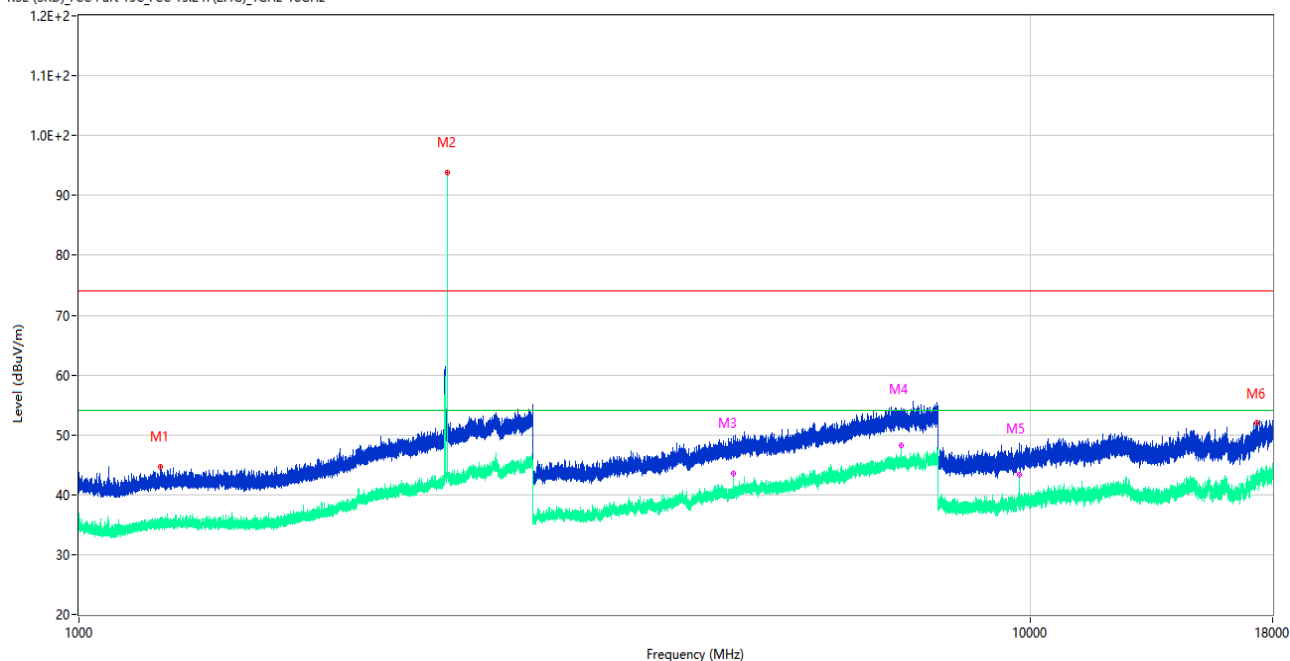
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	46.84	74.0	27.16	Peak	174.00	100	Vertical	Pass
1**	1328.000	34.80	54.0	19.20	AV	174.00	100	Vertical	Pass
2	2402.100	93.08	74.0	-19.08	Peak	153.00	150	Vertical	N/A
2**	2402.100	92.86	54.0	-38.86	AV	153.00	150	Vertical	N/A
3	4804.250	48.70	74.0	25.30	Peak	24.00	150	Vertical	Pass
3**	4804.250	43.92	54.0	10.08	AV	24.00	150	Vertical	Pass
4	7614.750	55.03	74.0	18.97	Peak	24.00	400	Vertical	Pass
4**	7614.750	46.08	54.0	7.92	AV	24.00	400	Vertical	Pass
5	9608.350	50.01	74.0	23.99	Peak	227.00	150	Vertical	Pass
5**	9608.350	47.19	--	--	AV	227.00	150	Vertical	Pass
6	17467.650	53.09	74.0	20.91	Peak	104.00	100	Vertical	Pass
6**	17467.650	42.35	54.0	11.65	AV	104.00	100	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

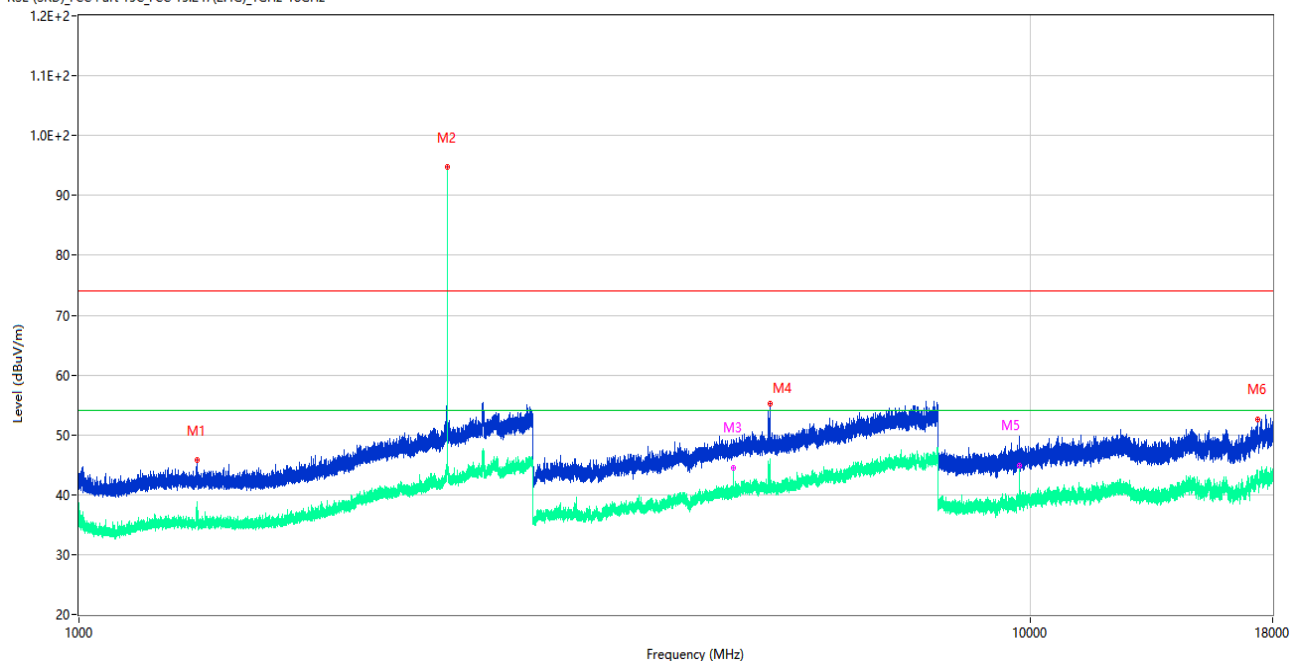
RSE (SRD), FCC Part 15C, FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.100	44.73	74.0	29.27	Peak	115.00	200	Horizontal	Pass
1**	1219.100	35.74	54.0	18.26	AV	115.00	200	Horizontal	Pass
2	2440.200	93.83	74.0	-19.83	Peak	70.00	150	Horizontal	N/A
2**	2440.200	93.12	54.0	-39.12	AV	70.00	150	Horizontal	N/A
3	4880.000	49.76	74.0	24.24	Peak	290.00	150	Horizontal	Pass
3**	4880.000	43.49	54.0	10.51	AV	290.00	150	Horizontal	Pass
4	7320.250	54.44	74.0	19.56	Peak	0.00	150	Horizontal	Pass
4**	7320.250	48.25	54.0	5.75	AV	0.00	150	Horizontal	Pass
5	9760.349	47.74	74.0	26.26	Peak	297.00	150	Horizontal	Pass
5**	9760.349	43.40	--	--	AV	297.00	150	Horizontal	Pass
6	17334.301	51.98	74.0	22.02	Peak	104.00	100	Horizontal	Pass
6**	17334.301	42.78	54.0	11.22	AV	104.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

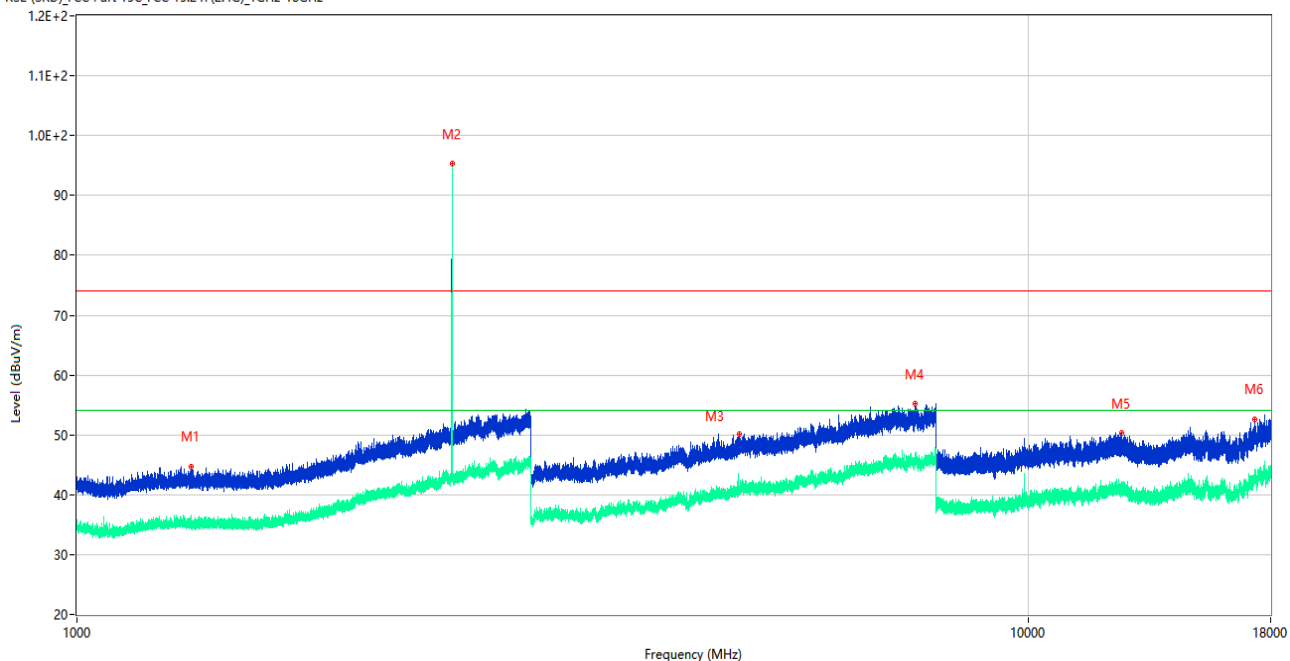
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	45.73	74.0	28.27	Peak	181.00	200	Vertical	Pass
1**	1330.400	36.79	54.0	17.21	AV	181.00	200	Vertical	Pass
2	2440.100	94.71	74.0	-20.71	Peak	152.00	150	Vertical	N/A
2**	2440.100	94.00	54.0	-40.00	AV	152.00	150	Vertical	N/A
3	4880.250	49.20	74.0	24.80	Peak	148.00	150	Vertical	Pass
3**	4880.250	44.39	54.0	9.61	AV	148.00	150	Vertical	Pass
4	5327.500	55.19	74.0	18.81	Peak	138.00	150	Vertical	Pass
4**	5327.500	41.03	54.0	12.97	AV	138.00	150	Vertical	Pass
5	9760.349	48.37	74.0	25.63	Peak	85.00	150	Vertical	Pass
5**	9760.349	44.78	--	--	AV	85.00	150	Vertical	N/A
6	17353.988	52.57	74.0	21.43	Peak	230.00	100	Vertical	Pass
6**	17353.988	43.00	54.0	11.00	AV	230.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

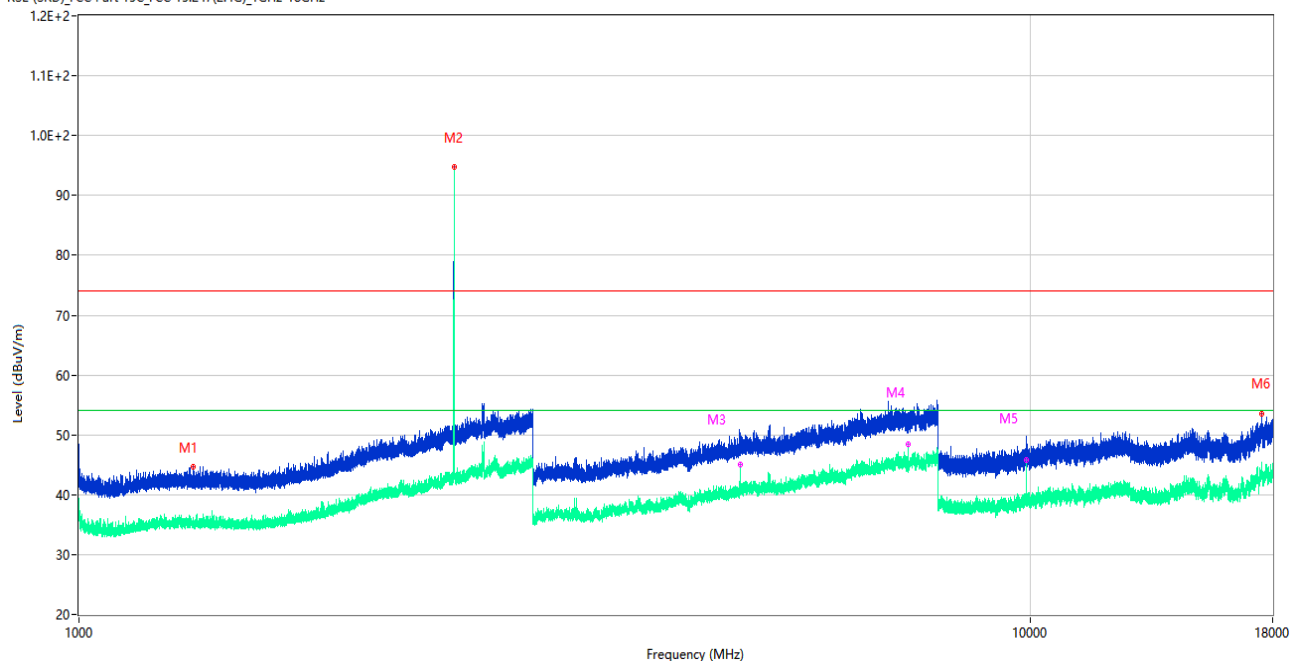
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.100	44.70	74.0	29.30	Peak	272.00	100	Horizontal	Pass
1**	1317.100	34.67	54.0	19.33	AV	272.00	100	Horizontal	Pass
2	2480.000	95.24	74.0	-21.24	Peak	72.00	100	Horizontal	N/A
2**	2480.000	94.40	54.0	-40.40	AV	72.00	100	Horizontal	N/A
3	4969.000	50.18	74.0	23.82	Peak	14.00	200	Horizontal	Pass
3**	4969.000	41.08	54.0	12.92	AV	14.00	200	Horizontal	Pass
4	7619.000	55.17	74.0	18.83	Peak	201.00	100	Horizontal	Pass
4**	7619.000	45.49	54.0	8.51	AV	201.00	100	Horizontal	Pass
5	12555.487	50.29	74.0	23.71	Peak	23.00	100	Horizontal	Pass
5**	12555.487	41.21	54.0	12.79	AV	23.00	100	Horizontal	Pass
6	17308.838	52.63	74.0	21.37	Peak	353.00	200	Horizontal	Pass
6**	17308.838	42.89	54.0	11.11	AV	353.00	200	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

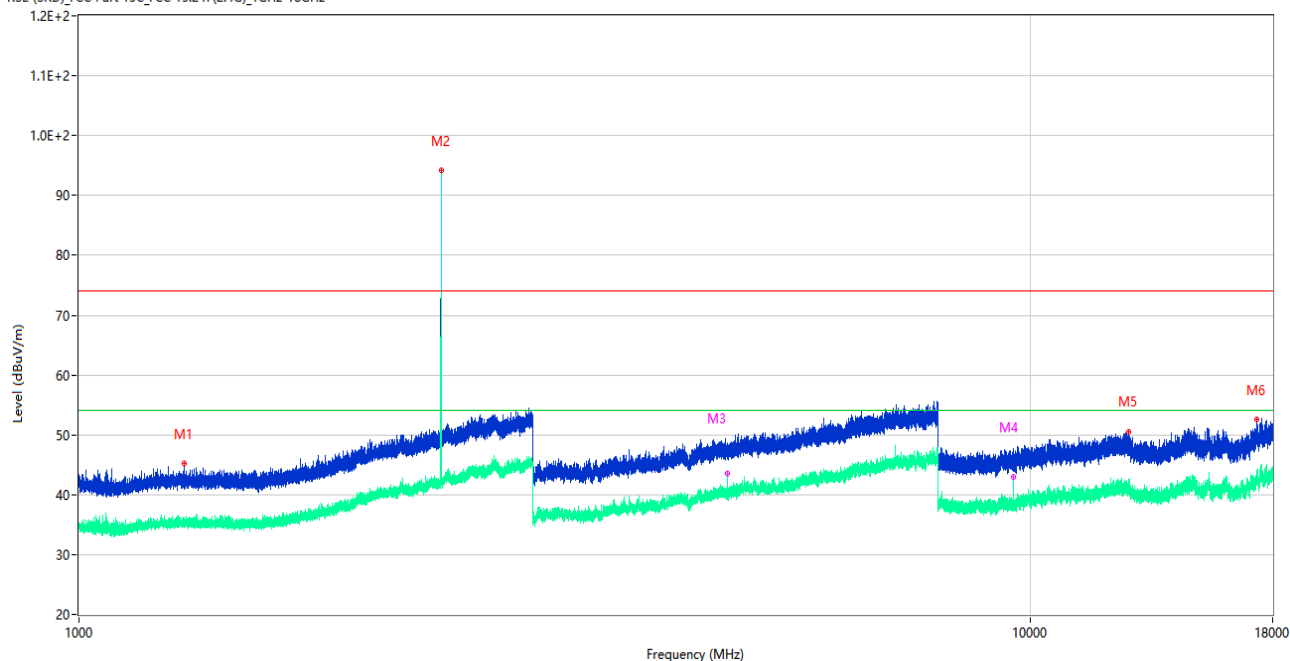
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.900	44.76	74.0	29.24	Peak	124.00	150	Vertical	Pass
1**	1319.900	35.55	54.0	18.45	AV	124.00	150	Vertical	Pass
2	2479.900	94.75	74.0	-20.75	Peak	154.00	200	Vertical	N/A
2**	2479.900	93.64	54.0	-39.64	AV	154.00	200	Vertical	N/A
3	4960.250	49.98	74.0	24.02	Peak	128.00	150	Vertical	Pass
3**	4960.250	44.96	54.0	9.04	AV	128.00	150	Vertical	Pass
4	7440.250	53.67	74.0	20.33	Peak	251.00	150	Vertical	Pass
4**	7440.250	48.37	54.0	5.63	AV	251.00	150	Vertical	Pass
5	9920.187	49.66	74.0	24.34	Peak	129.00	150	Vertical	Pass
5**	9920.187	45.75	--	--	AV	129.00	150	Vertical	N/A
6	17513.325	53.61	74.0	20.39	Peak	140.00	150	Vertical	Pass
6**	17513.325	43.36	54.0	10.64	AV	140.00	150	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

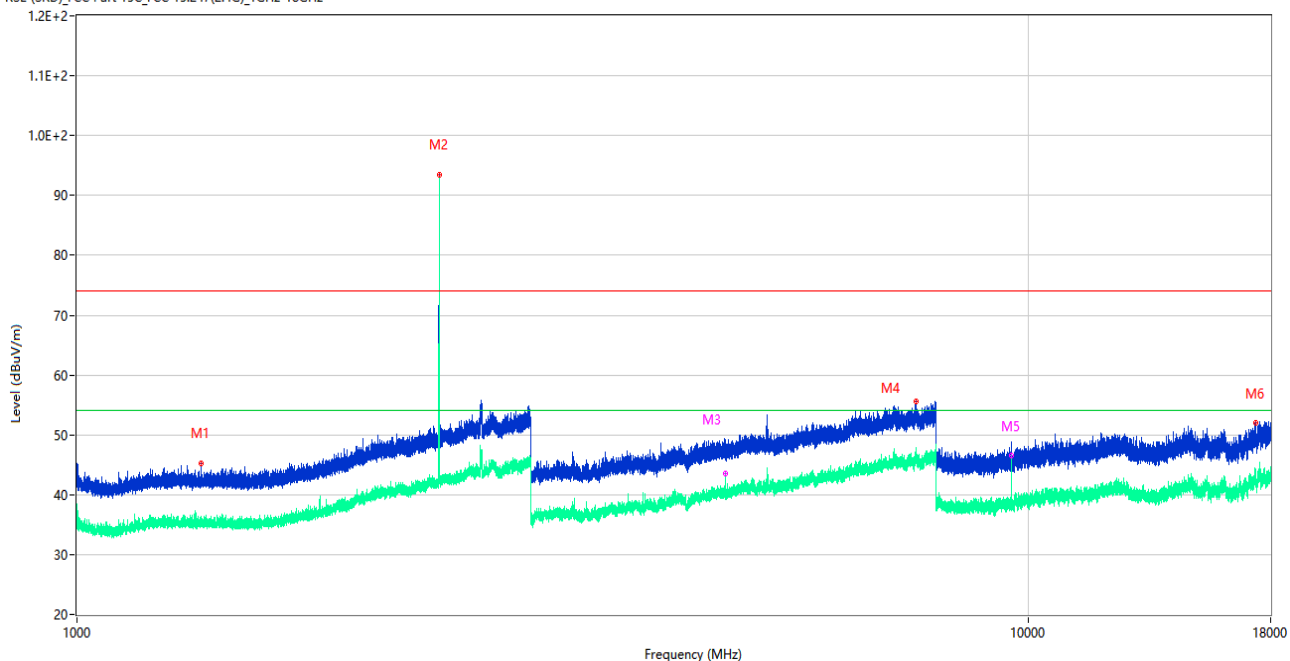
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1290.900	45.22	74.0	28.78	Peak	295.00	200	Horizontal	Pass
1**	1290.900	35.42	54.0	18.58	AV	295.00	200	Horizontal	Pass
2	2404.000	94.18	74.0	-20.18	Peak	68.00	200	Horizontal	N/A
2**	2404.000	93.27	54.0	-39.27	AV	68.00	200	Horizontal	N/A
3	4808.500	48.23	74.0	25.77	Peak	300.00	150	Horizontal	Pass
3**	4808.500	43.61	54.0	10.39	AV	300.00	150	Horizontal	Pass
4	9616.187	47.70	74.0	26.30	Peak	7.00	150	Horizontal	Pass
4**	9616.187	42.96	--	--	AV	7.00	150	Horizontal	N/A
5	12711.050	50.59	74.0	23.41	Peak	122.00	200	Horizontal	Pass
5**	12711.050	41.10	54.0	12.90	AV	122.00	200	Horizontal	Pass
6	17341.125	52.67	74.0	21.33	Peak	227.00	150	Horizontal	Pass
6**	17341.125	42.72	54.0	11.28	AV	227.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

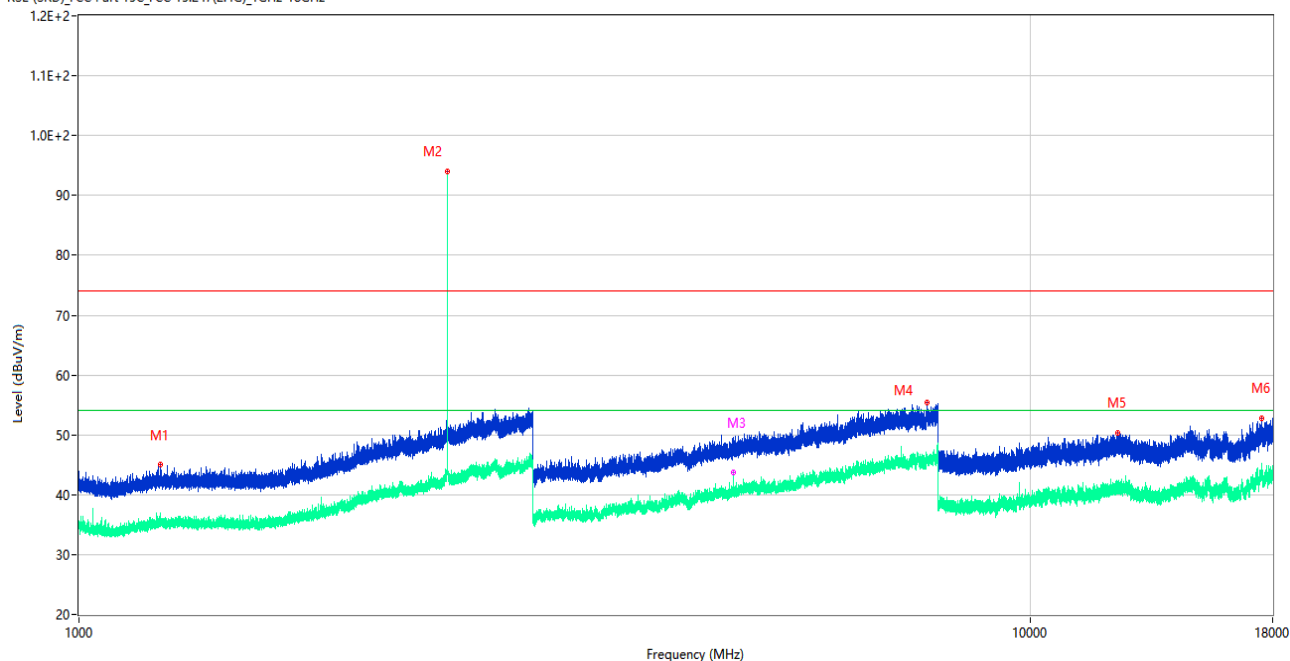
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1350.700	45.27	74.0	28.73	Peak	196.00	400	Vertical	Pass
1**	1350.700	34.98	54.0	19.02	AV	196.00	400	Vertical	Pass
2	2404.000	93.45	74.0	-19.45	Peak	150.00	200	Vertical	N/A
2**	2404.000	92.65	54.0	-38.65	AV	150.00	200	Vertical	N/A
3	4808.250	49.16	74.0	24.84	Peak	158.00	150	Vertical	Pass
3**	4808.250	43.56	54.0	10.44	AV	158.00	150	Vertical	Pass
4	7623.500	55.53	74.0	18.47	Peak	341.00	100	Vertical	Pass
4**	7623.500	46.63	54.0	7.37	AV	341.00	100	Vertical	Pass
5	9616.425	48.00	74.0	26.00	Peak	240.00	150	Vertical	Pass
5**	9616.425	46.50	--	--	AV	240.00	150	Vertical	N/A
6	17350.312	52.00	74.0	22.00	Peak	124.00	100	Vertical	Pass
6**	17350.312	43.85	54.0	10.15	AV	124.00	100	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

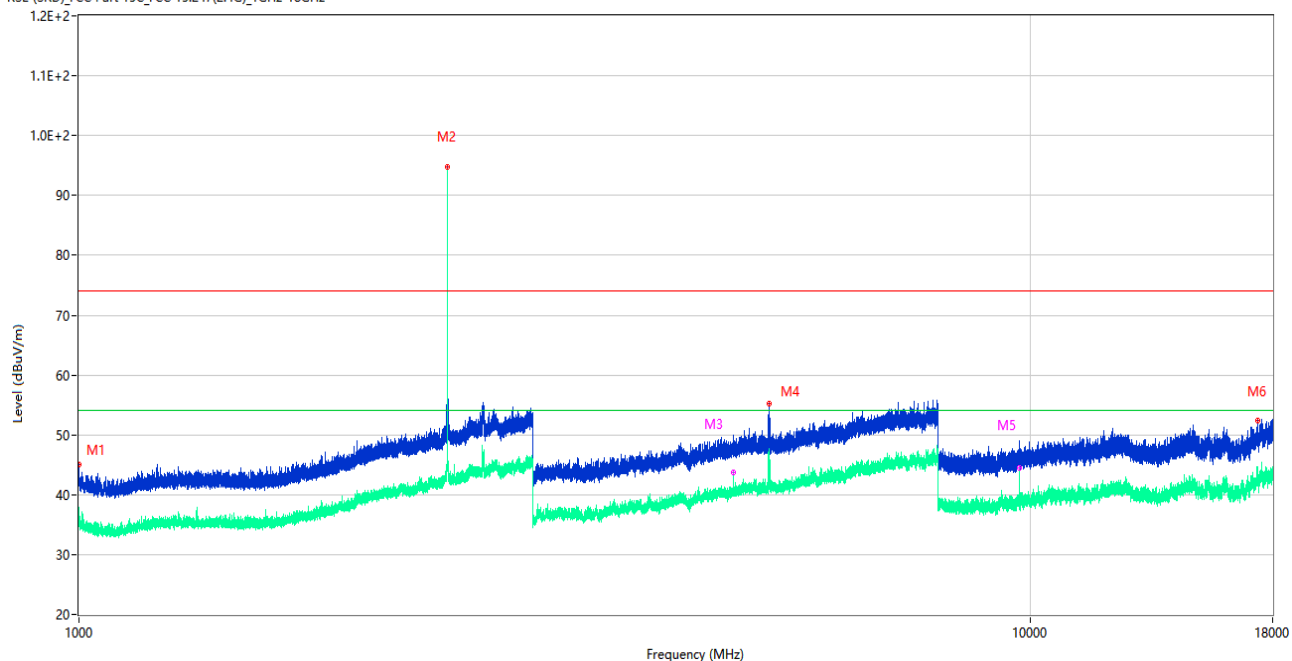
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.500	45.04	74.0	28.96	Peak	26.00	400	Horizontal	Pass
1**	1218.500	35.33	54.0	18.67	AV	26.00	400	Horizontal	Pass
2	2439.900	94.05	74.0	-20.05	Peak	72.00	100	Horizontal	N/A
2**	2439.900	92.92	54.0	-38.92	AV	72.00	100	Horizontal	N/A
3	4880.750	48.21	74.0	25.79	Peak	259.00	150	Horizontal	Pass
3**	4880.750	43.75	54.0	10.25	AV	259.00	150	Horizontal	Pass
4	7798.000	55.39	74.0	18.61	Peak	14.00	300	Horizontal	Pass
4**	7798.000	46.33	54.0	7.67	AV	14.00	300	Horizontal	Pass
5	12362.875	50.32	74.0	23.68	Peak	1.00	400	Horizontal	Pass
5**	12362.875	41.42	54.0	12.58	AV	1.00	400	Horizontal	Pass
6	17513.062	52.76	74.0	21.24	Peak	174.00	150	Horizontal	Pass
6**	17513.062	43.89	54.0	10.11	AV	174.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

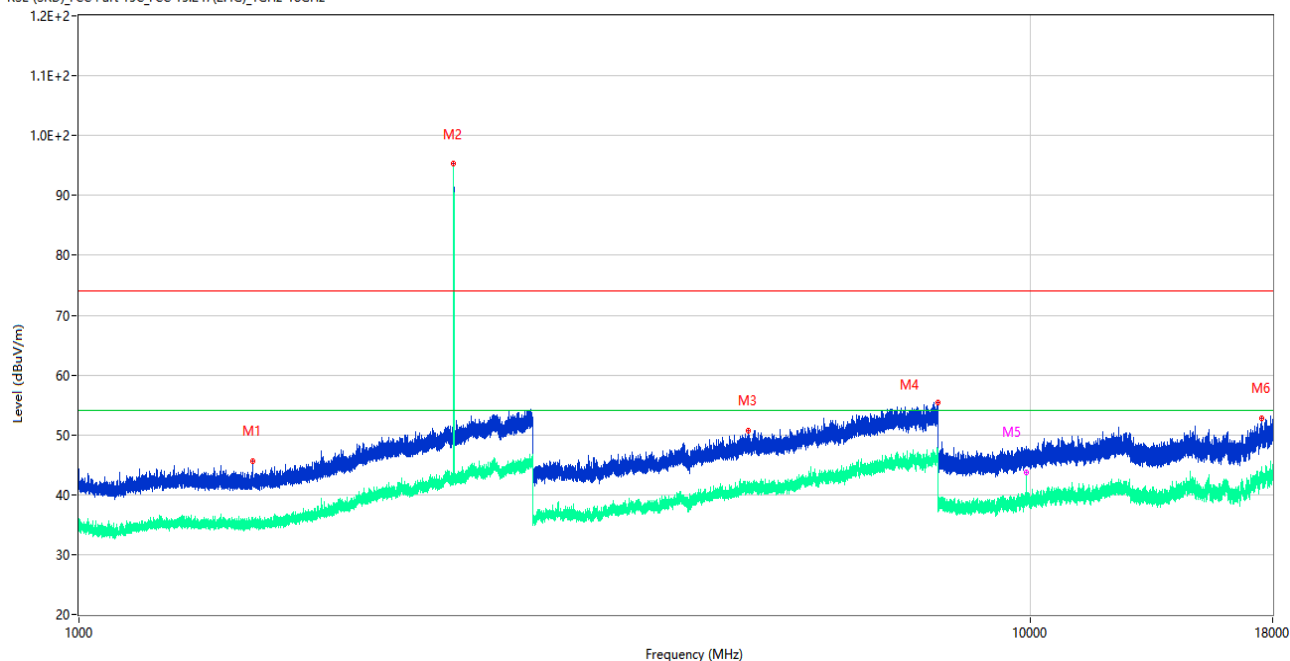
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.900	45.06	74.0	28.94	Peak	88.00	400	Vertical	Pass
1**	1000.900	34.81	54.0	19.19	AV	88.00	400	Vertical	Pass
2	2439.900	94.79	74.0	-20.79	Peak	148.00	150	Vertical	N/A
2**	2439.900	93.71	54.0	-39.71	AV	148.00	150	Vertical	N/A
3	4880.000	49.01	74.0	24.99	Peak	360.00	150	Vertical	Pass
3**	4880.000	43.82	54.0	10.18	AV	360.00	150	Vertical	Pass
4	5314.000	55.15	74.0	18.85	Peak	109.00	150	Vertical	Pass
4**	5314.000	43.80	54.0	10.20	AV	109.00	150	Vertical	Pass
5	9760.349	48.13	74.0	25.87	Peak	115.00	150	Vertical	Pass
5**	9760.349	44.41	--	--	AV	115.00	150	Vertical	N/A
6	17347.688	52.33	74.0	21.67	Peak	0.00	400	Vertical	Pass
6**	17347.688	43.11	54.0	10.89	AV	0.00	400	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

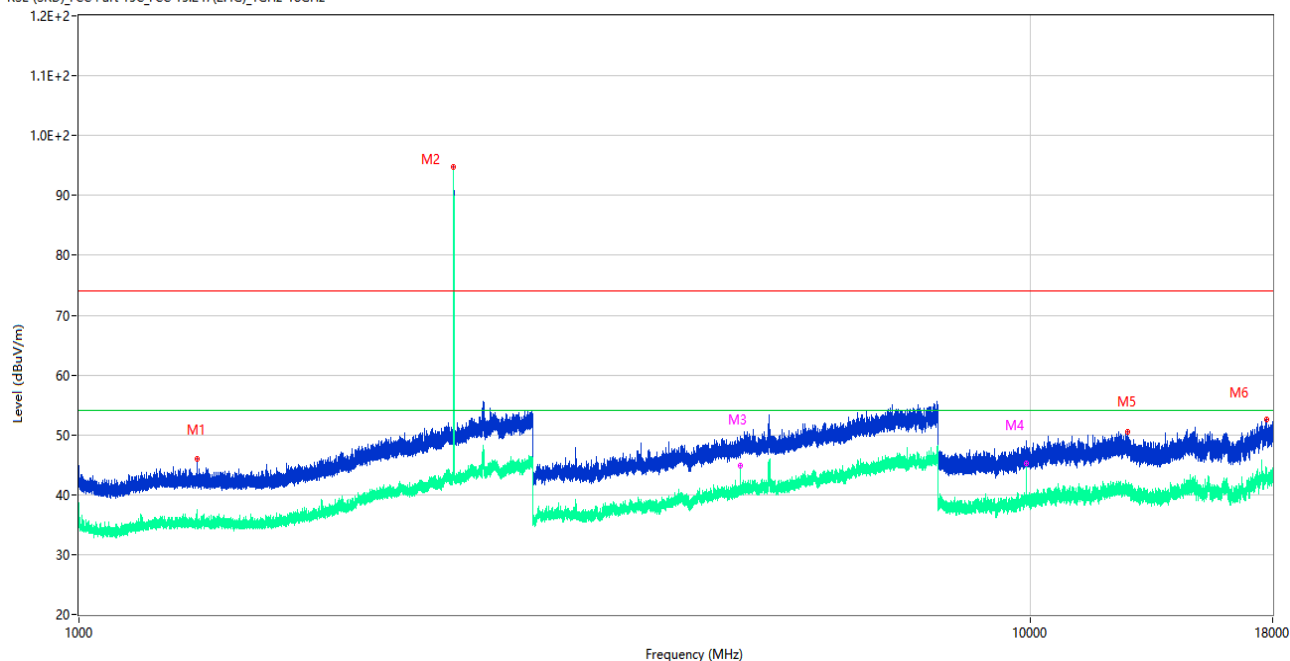
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.900	45.62	74.0	28.38	Peak	80.00	300	Horizontal	Pass
1**	1521.900	35.48	54.0	18.52	AV	80.00	300	Horizontal	Pass
2	2477.900	95.31	74.0	-21.31	Peak	71.00	200	Horizontal	N/A
2**	2477.900	94.06	54.0	-40.06	AV	71.00	200	Horizontal	N/A
3	5055.000	50.71	74.0	23.29	Peak	14.00	150	Horizontal	Pass
3**	5055.000	42.11	54.0	11.89	AV	14.00	150	Horizontal	Pass
4	7999.250	55.43	74.0	18.57	Peak	179.00	200	Horizontal	Pass
4**	7999.250	46.91	54.0	7.09	AV	179.00	200	Horizontal	Pass
5	9912.112	47.69	74.0	26.31	Peak	29.00	150	Horizontal	Pass
5**	9912.112	43.82	--	--	AV	29.00	150	Horizontal	N/A
6	17515.162	52.70	74.0	21.30	Peak	156.00	150	Horizontal	Pass
6**	17515.162	42.98	54.0	11.02	AV	156.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) 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	1330.100	45.98	74.0	28.02	Peak	183.00	300	Vertical	Pass
1**	1330.100	36.69	54.0	17.31	AV	183.00	300	Vertical	Pass
2	2478.300	94.85	74.0	-20.85	Peak	145.00	200	Vertical	N/A
2**	2478.300	93.98	54.0	-39.98	AV	145.00	200	Vertical	N/A
3	4956.250	49.55	74.0	24.45	Peak	360.00	150	Vertical	Pass
3**	4956.250	44.87	54.0	9.13	AV	360.00	150	Vertical	Pass
4	9912.350	48.97	74.0	25.03	Peak	233.00	150	Vertical	Pass
4**	9912.350	45.32	--	--	AV	233.00	150	Vertical	N/A
5	12674.237	50.51	74.0	23.49	Peak	360.00	100	Vertical	Pass
5**	12674.237	40.53	54.0	13.47	AV	360.00	100	Vertical	Pass
6	17740.124	52.63	74.0	21.37	Peak	0.00	150	Vertical	Pass
6**	17740.124	42.96	54.0	11.04	AV	0.00	150	Vertical	Pass

5.8 Band Edge (Restricted-band band-edge)

5.8.1 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).

5.8.2 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.

5.8.3 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.

5.8.4 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.

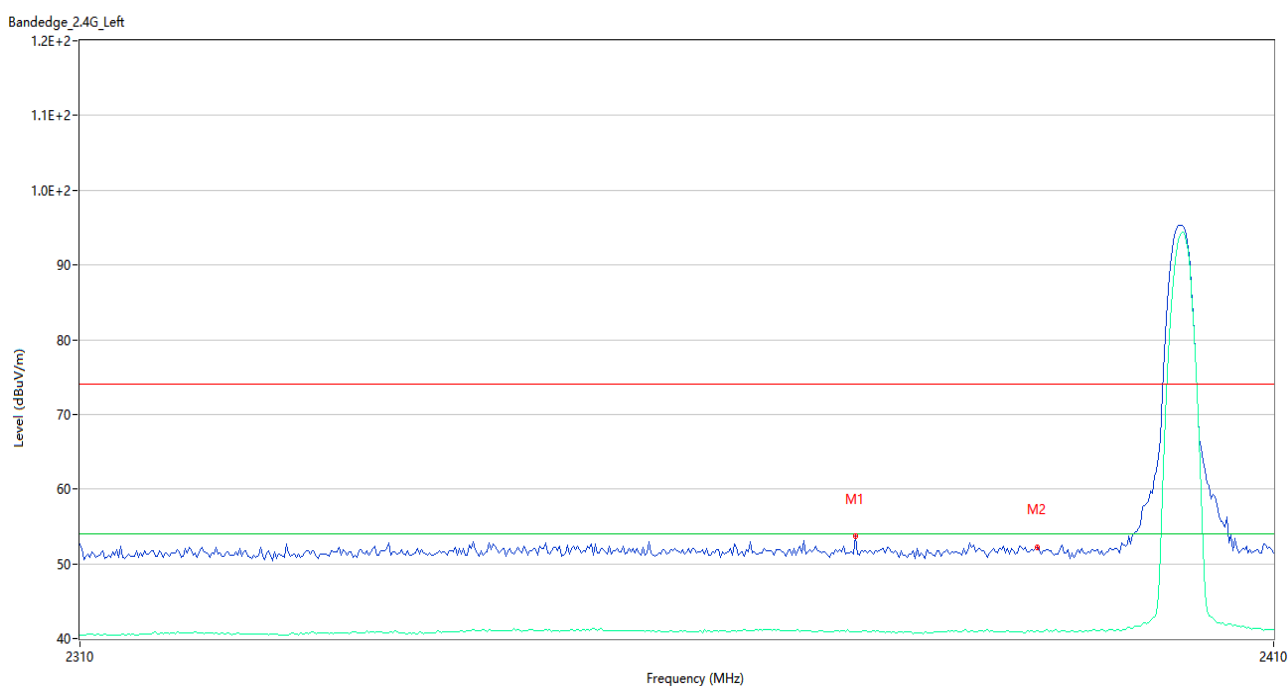
Note ⁴: The Level (dBuV/m) has been corrected by factor.

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

Test Data and Plots

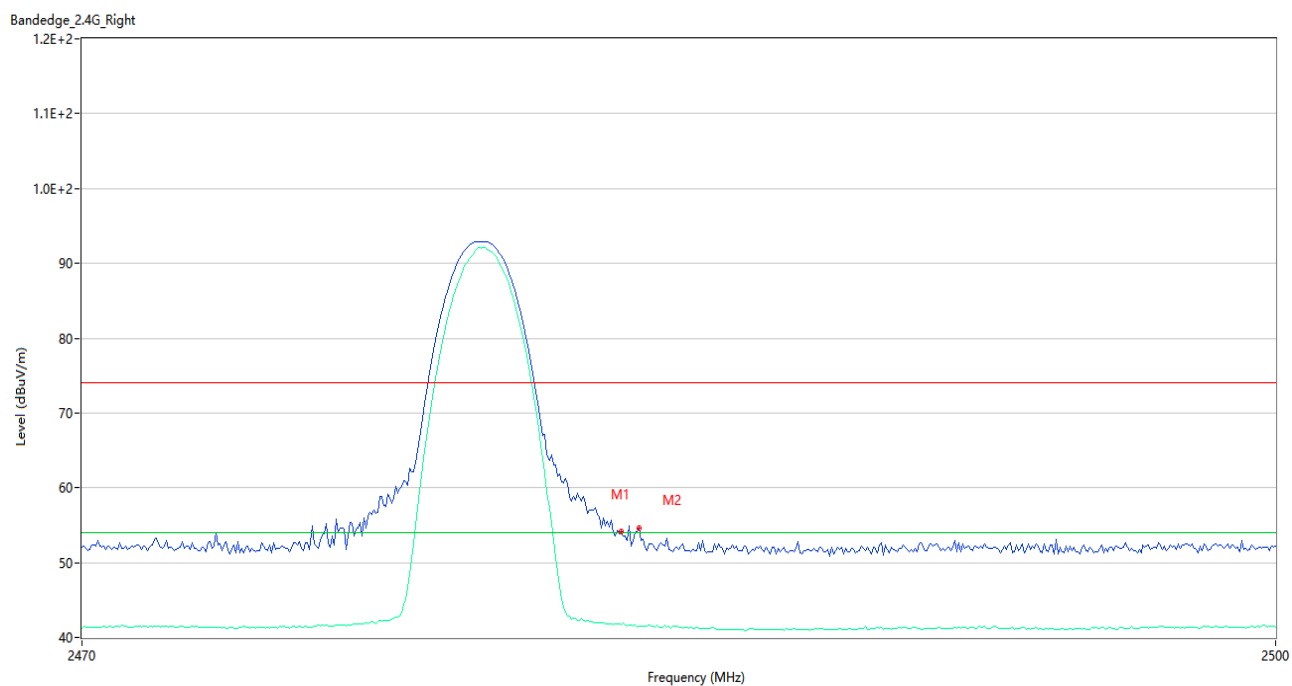
Left Ear

GFSK (BLE 1Mbps) LOW CHANNEL



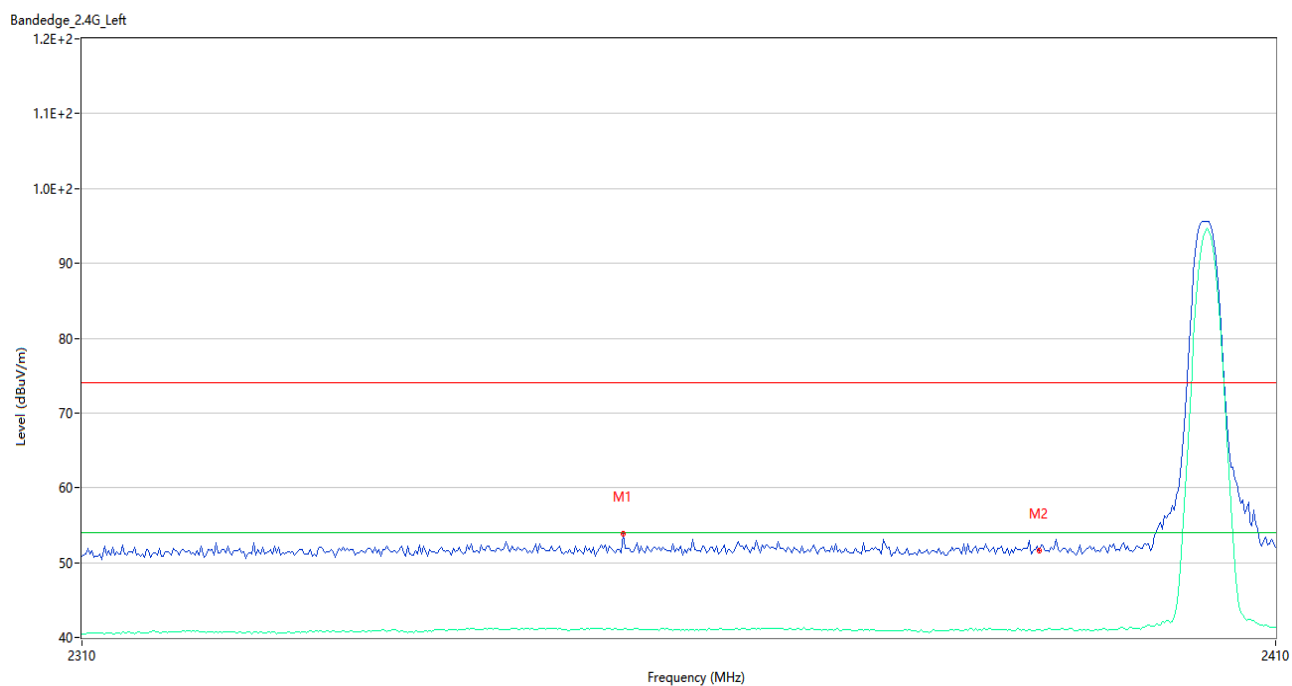
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2374.500	53.72	74.0	20.28	Peak	230.00	200	Vertical	Pass
1**	2374.500	40.94	54.0	13.06	AV	230.00	200	Vertical	Pass
2	2389.833	52.26	74.0	21.74	Peak	222.00	100	Vertical	Pass
2**	2389.833	41.01	54.0	12.99	AV	222.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



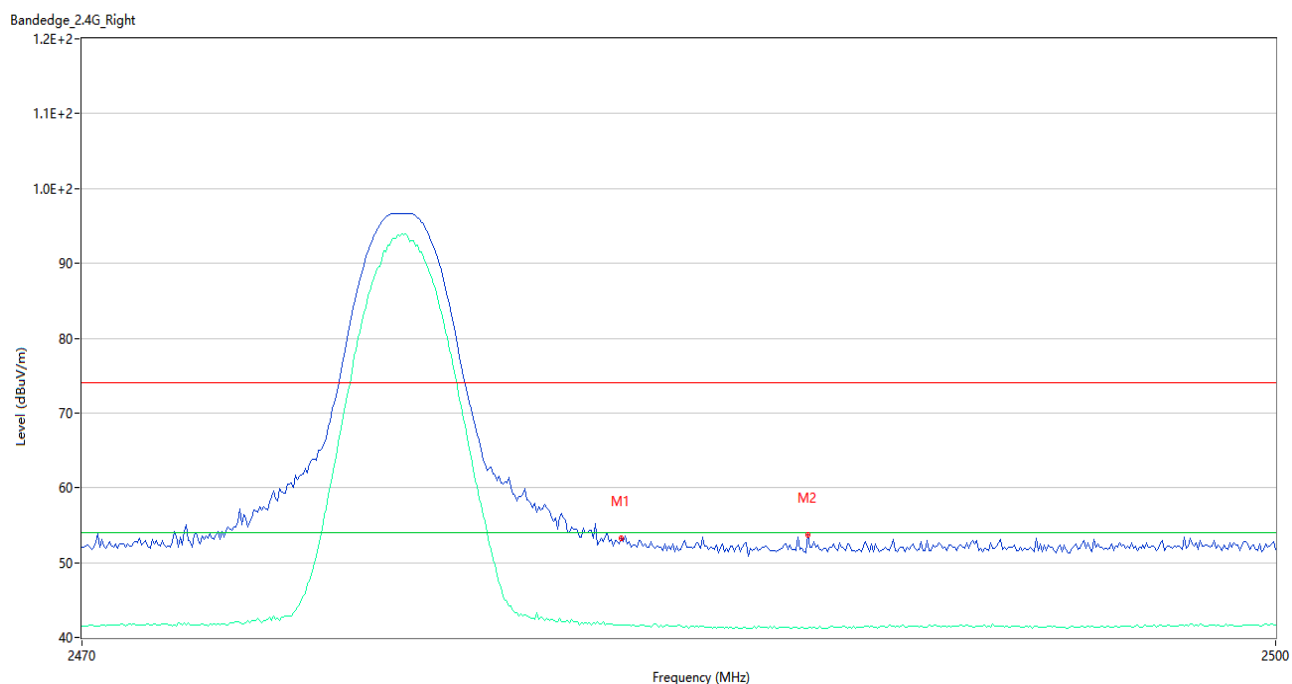
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.11	74.0	19.89	Peak	313.00	200	Vertical	Pass
1**	2483.500	41.61	54.0	12.39	AV	313.00	200	Vertical	Pass
2	2483.950	54.54	74.0	19.46	Peak	114.00	150	Vertical	Pass
2**	2483.950	41.51	54.0	12.49	AV	114.00	150	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2354.833	53.89	74.0	20.11	Peak	191.00	200	Vertical	Pass
1**	2354.833	41.04	54.0	12.96	AV	191.00	200	Vertical	Pass
2	2389.833	51.61	74.0	22.39	Peak	40.00	150	Vertical	Pass
2**	2389.833	41.01	54.0	12.99	AV	40.00	150	Vertical	Pass

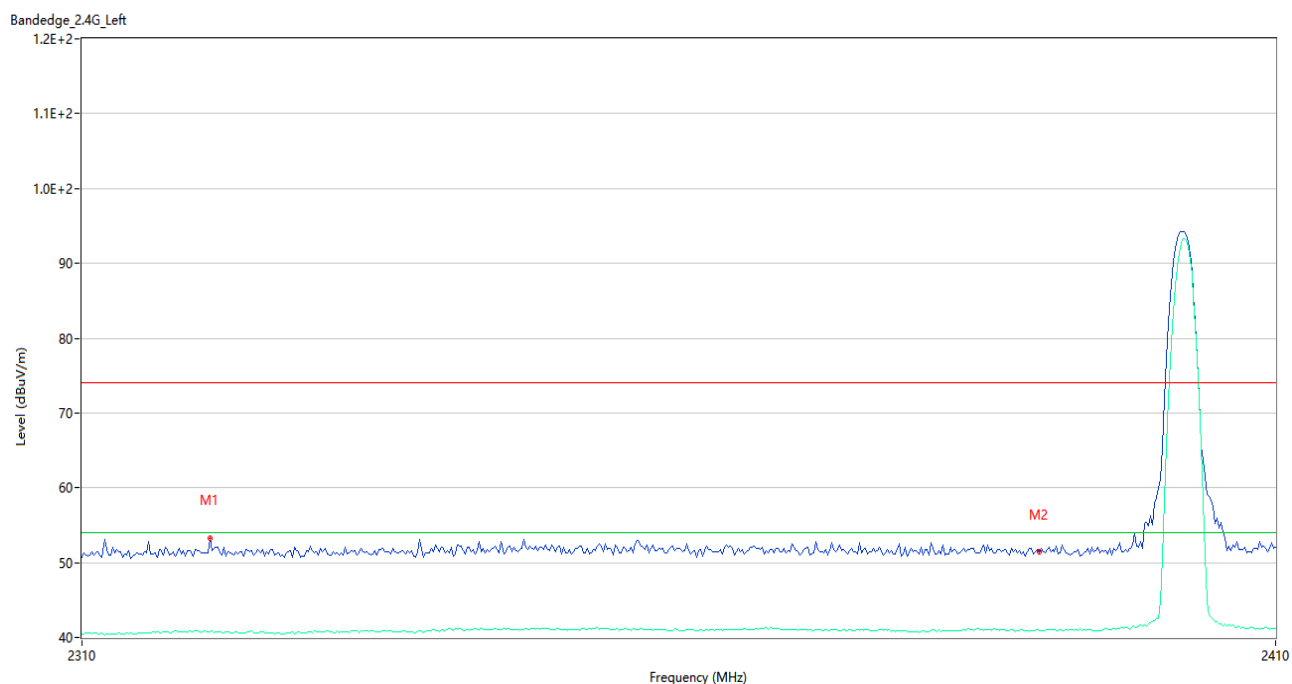
GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.24	74.0	20.76	Peak	132.00	100	Vertical	Pass
1**	2483.500	41.64	54.0	12.36	AV	132.00	100	Vertical	Pass
2	2488.200	53.73	74.0	20.27	Peak	0.00	200	Vertical	Pass
2**	2488.200	41.22	54.0	12.78	AV	0.00	200	Vertical	Pass

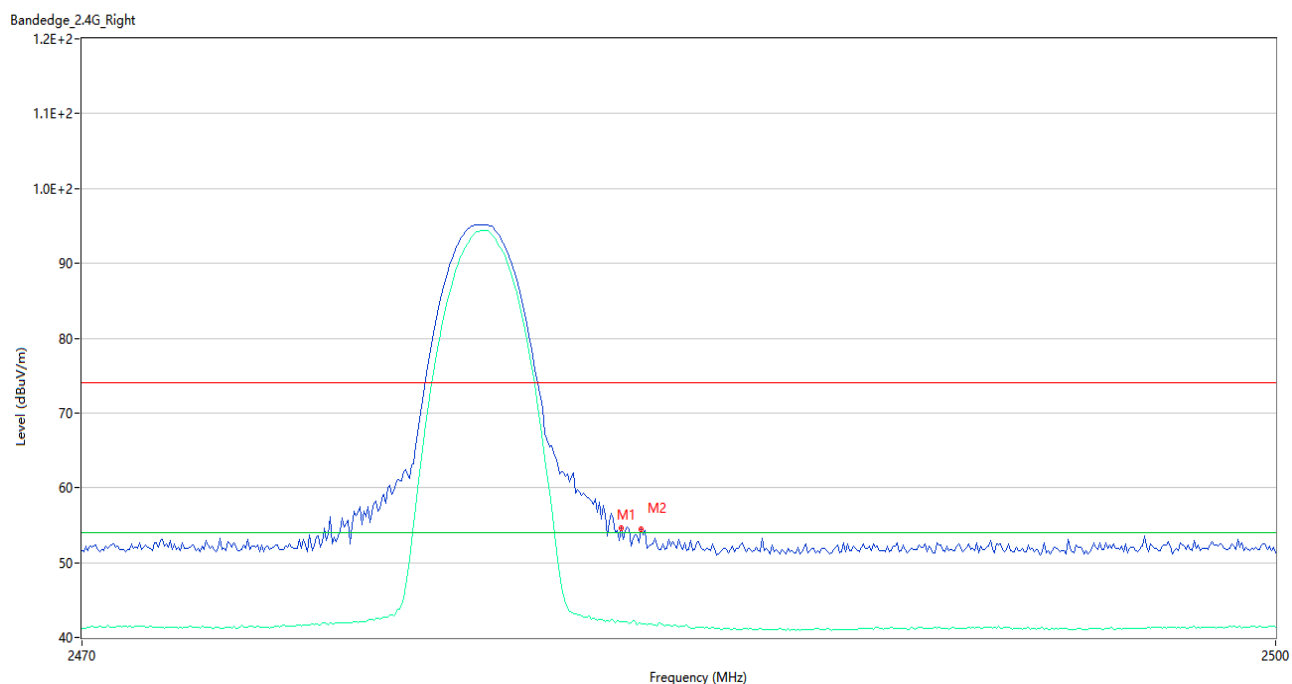
Right Ear

GFSK (BLE 1Mbps) LOW CHANNEL



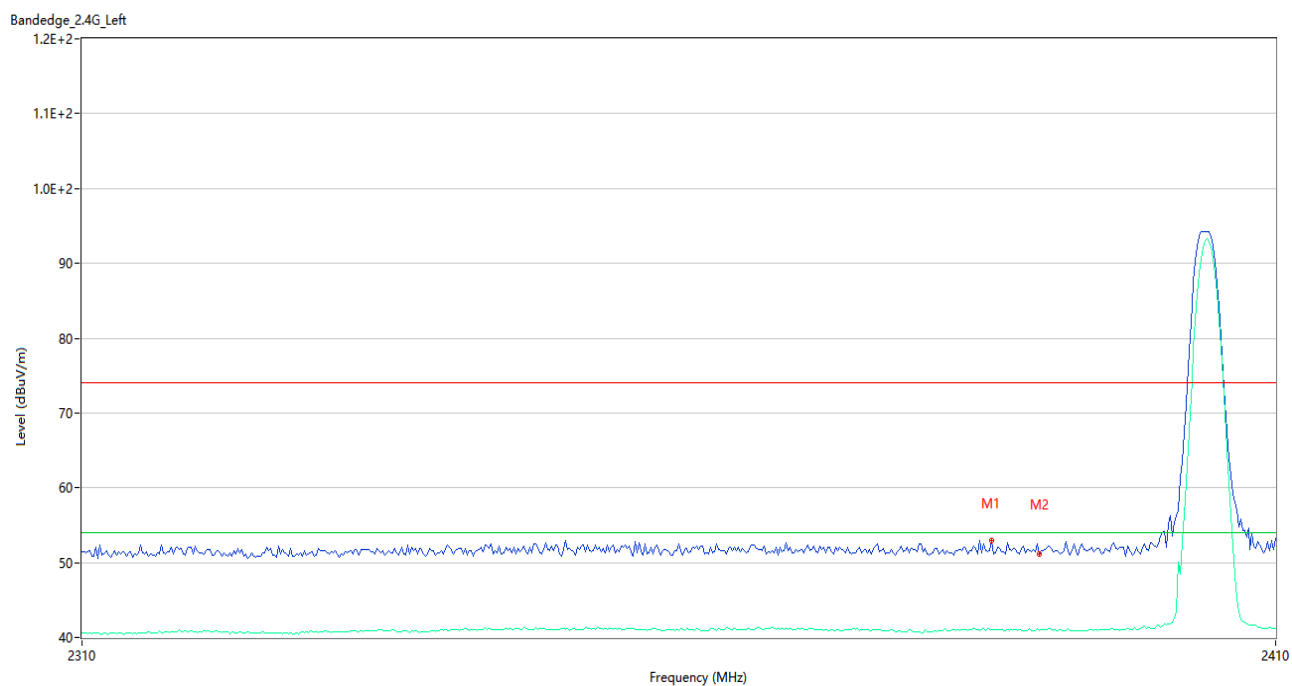
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2320.500	53.31	74.0	20.69	Peak	42.00	150	Horizontal	Pass
1**	2320.500	40.71	54.0	13.29	AV	42.00	150	Horizontal	Pass
2	2389.833	51.47	74.0	22.53	Peak	23.00	100	Horizontal	Pass
2**	2389.833	40.96	54.0	13.04	AV	23.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



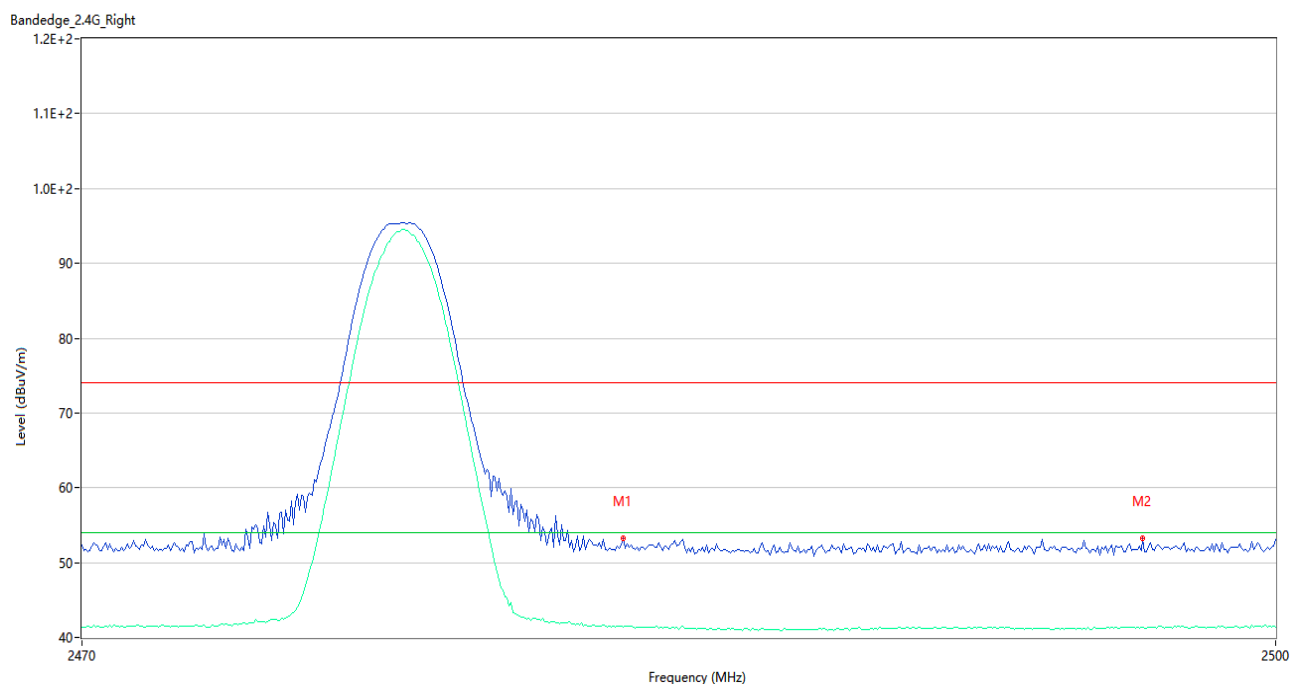
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.69	74.0	19.31	Peak	88.00	200	Horizontal	Pass
1**	2483.500	42.06	54.0	11.94	AV	88.00	200	Horizontal	Pass
2	2484.000	54.43	74.0	19.57	Peak	81.00	200	Horizontal	Pass
2**	2484.000	41.78	54.0	12.22	AV	81.00	200	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.833	52.97	74.0	21.03	Peak	328.00	200	Horizontal	Pass
1**	2385.833	40.99	54.0	13.01	AV	328.00	200	Horizontal	Pass
2	2389.833	51.14	74.0	22.86	Peak	66.00	100	Horizontal	Pass
2**	2389.833	40.97	54.0	13.03	AV	66.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	53.23	74.0	20.77	Peak	62.00	200	Horizontal	Pass
1**	2483.550	41.30	54.0	12.70	AV	62.00	200	Horizontal	Pass
2	2496.650	53.21	74.0	20.79	Peak	189.00	150	Horizontal	Pass
2**	2496.650	41.40	54.0	12.60	AV	189.00	150	Horizontal	Pass

5.9 Power Spectral density (PSD)

5.9.1 Limit

FCC §15.247(e)

The same method of determining the conducted output power shall be used to determine the power spectral density. If a peak output power is measured, then a peak power spectral density measurement is required. If an average output power is measured, then an average power spectral density measurement should be used.

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of Section 5.4(4), (i.e. the power spectral density shall be determined using the same method as is used to determine the conducted output power).

5.9.2 Test Setup

See section 4.5.1 (Diagram 1) for test setup description for the antenna port. The photo of test setup please refer to ANNEX A.

5.9.3 Test Procedure

Set analyzer center frequency to DTS channel center frequency.

Set the span to 1.5 times the DTS bandwidth.

Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.

Set the VBW $\geq 3 \text{ RBW}$.

Detector = peak.

Sweep time = auto couple.

Trace mode = max hold.

Allow trace to fully stabilize.

Use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.9.4 Test Result

Test Data

Left Ear

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-15.69	8	Pass
Middle Channel	-14.09	8	Pass
High Channel	-12.37	8	Pass

GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-16.71	8	Pass
Middle Channel	-15.44	8	Pass
High Channel	-13.71	8	Pass

Right Ear

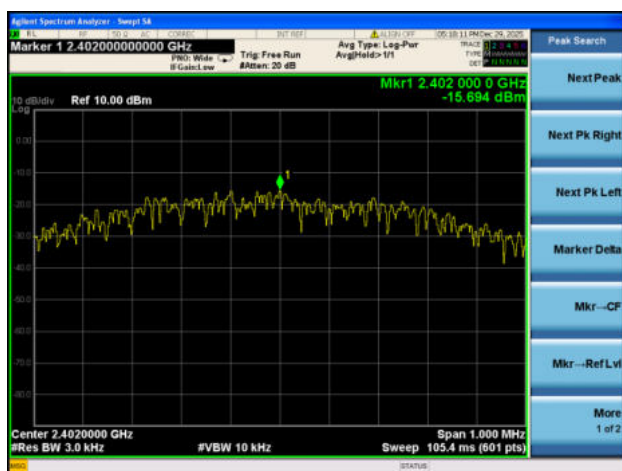
GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-16.37	8	Pass
Middle Channel	-15.24	8	Pass
High Channel	-13.89	8	Pass

GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-18.23	8	Pass
Middle Channel	-17.28	8	Pass
High Channel	-15.81	8	Pass

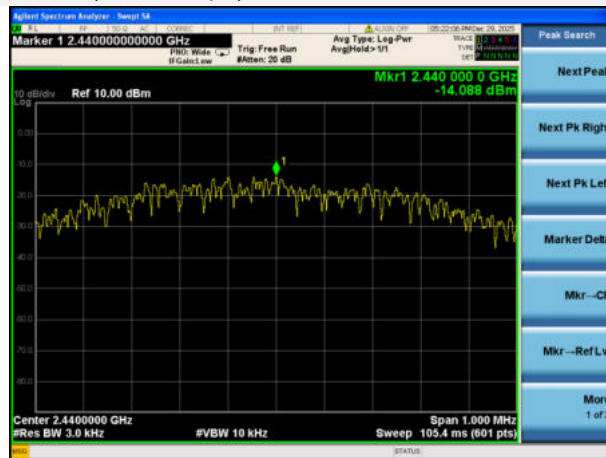
Test Plots

Left Ear

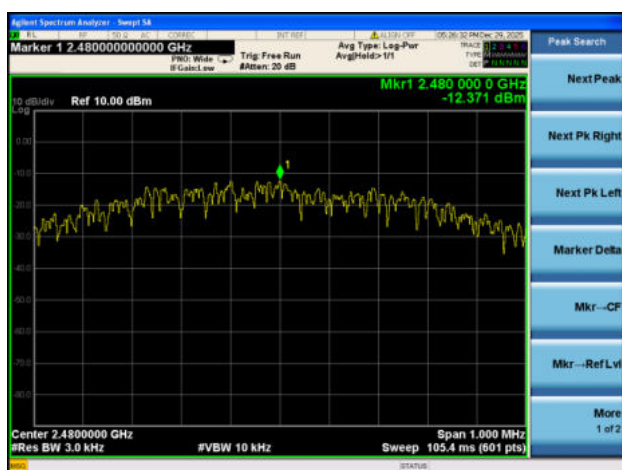
GFSK (BLE 1Mbps) LOW CHANNEL



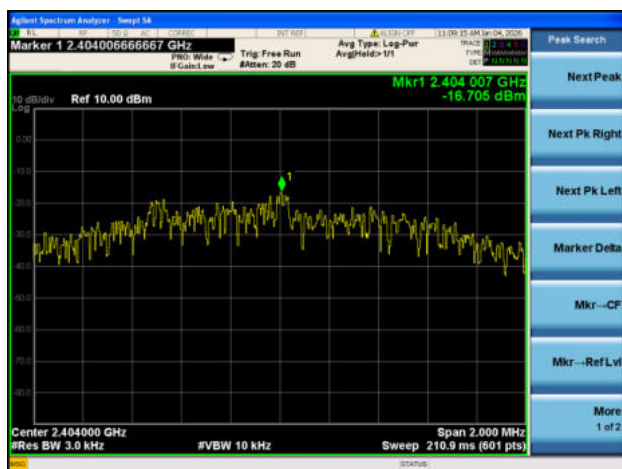
GFSK (BLE 1Mbps) MIDDLE CHANNEL



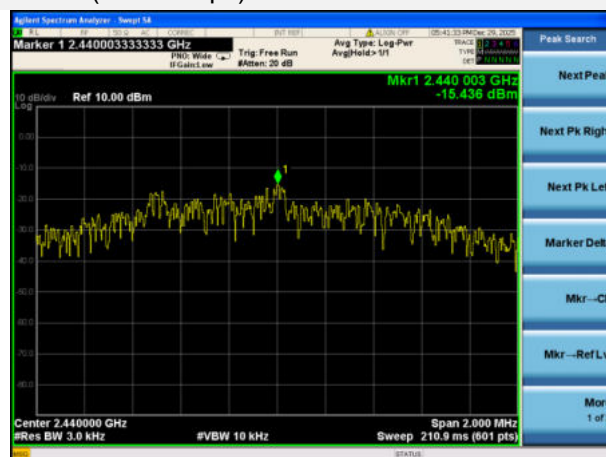
GFSK (BLE 1Mbps) HIGH CHANNEL



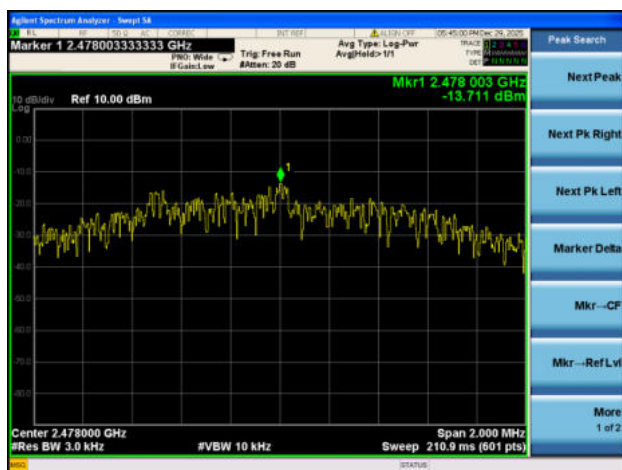
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL

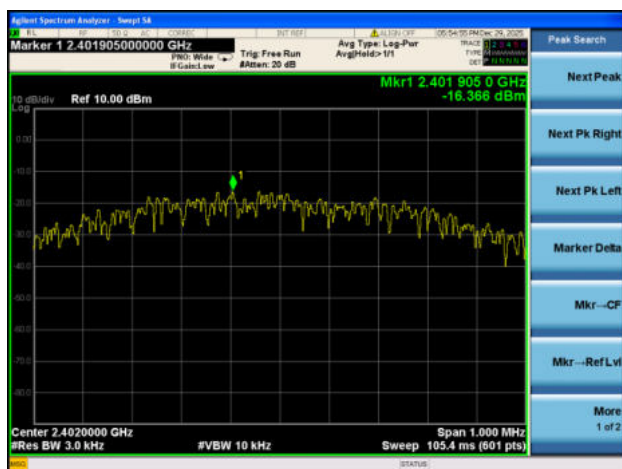


GFSK (BLE 2Mbps) HIGH CHANNEL

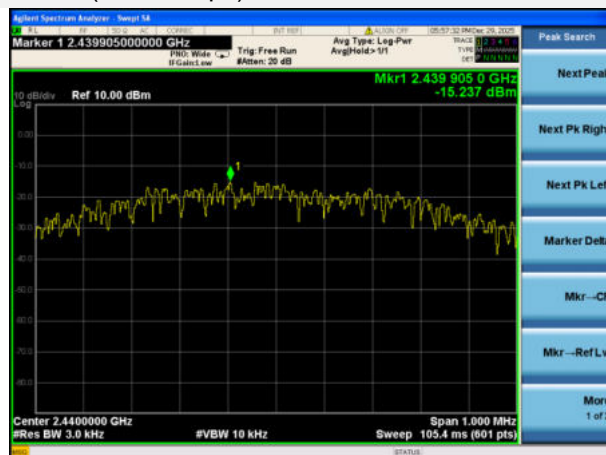


Right Ear

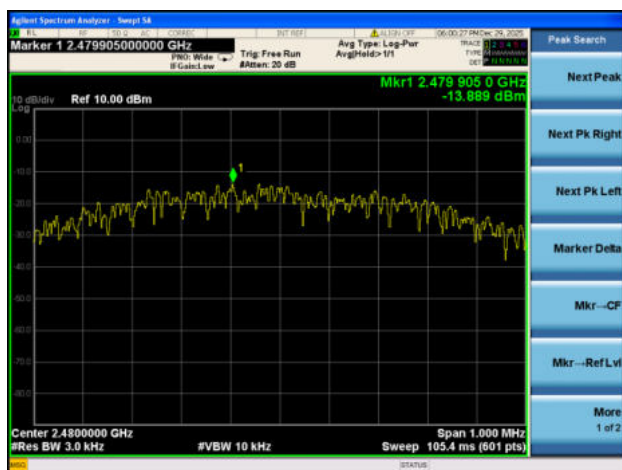
GFSK (BLE 1Mbps) LOW CHANNEL



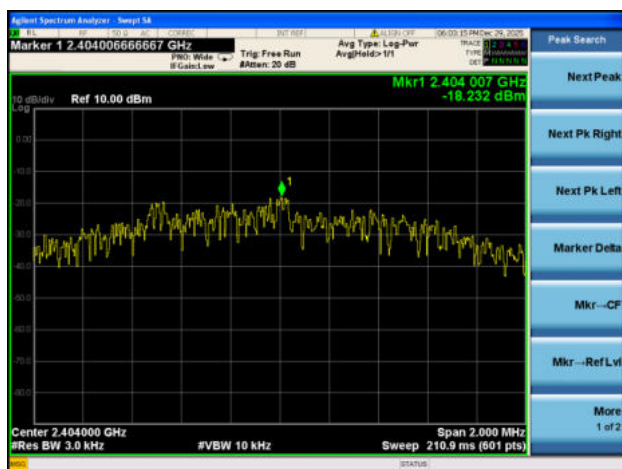
GFSK (BLE 1Mbps) MIDDLE CHANNEL



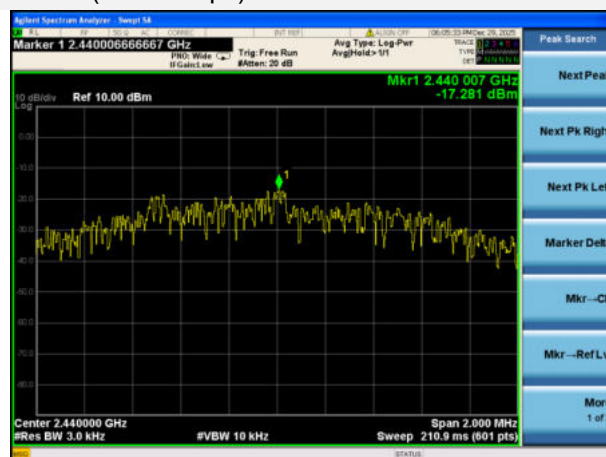
GFSK (BLE 1Mbps) HIGH CHANNEL



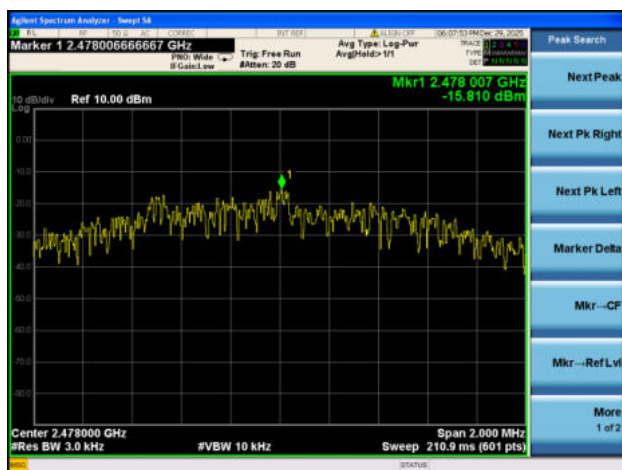
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL

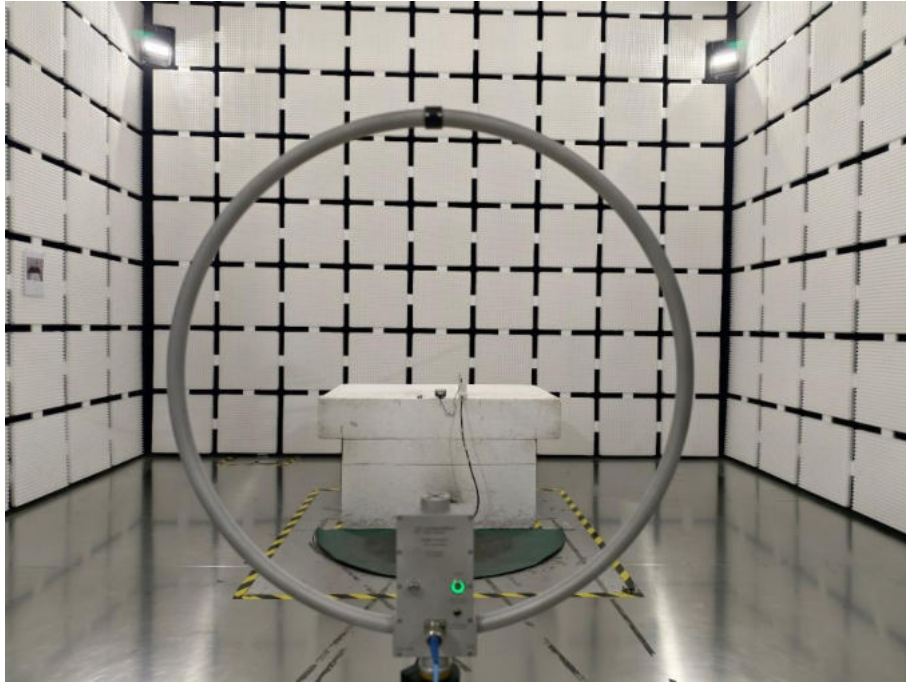


ANNEX A TEST SETUP PHOTOS

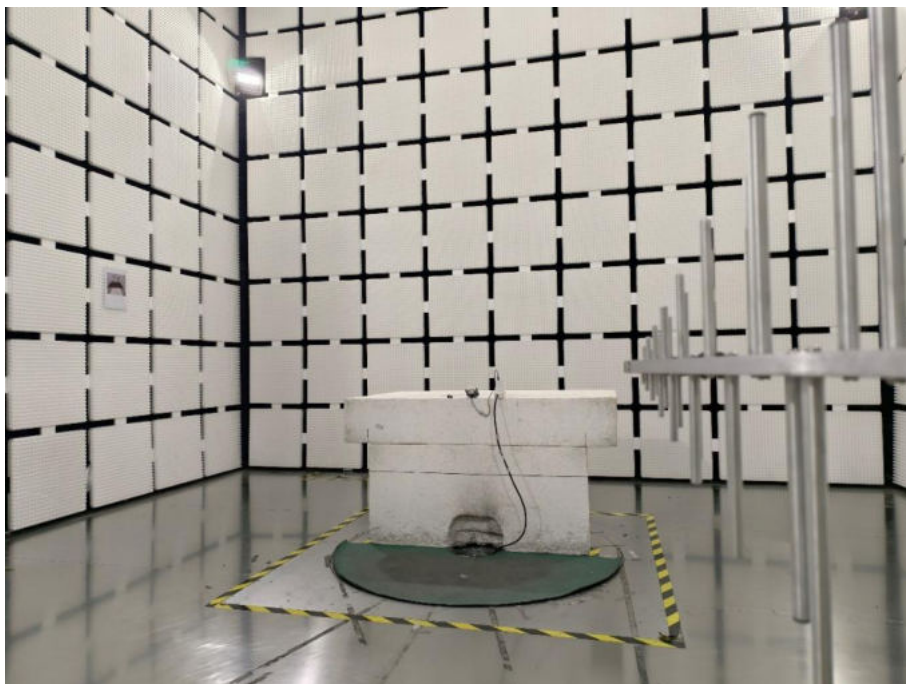
1 Radiated Test Photo

Left Ear

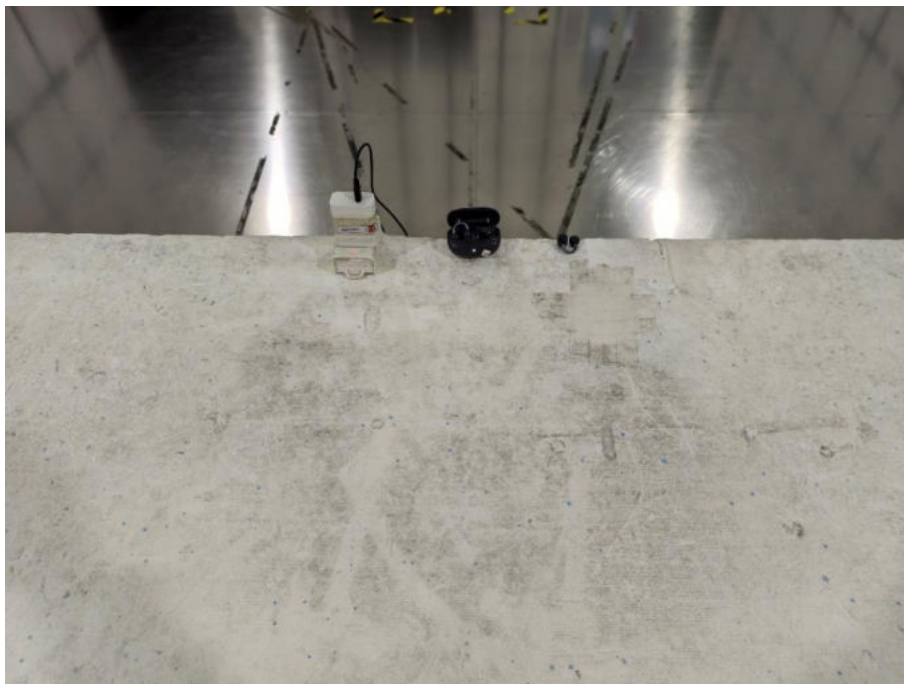
Below 30MHz



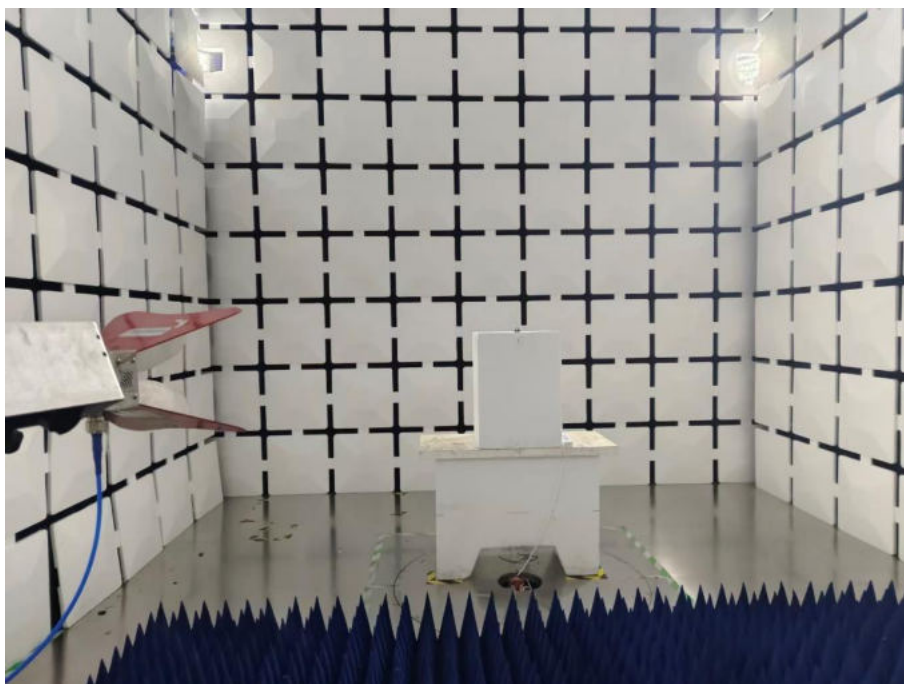
30MHz-1GHz



Close-up



Above 1GHz

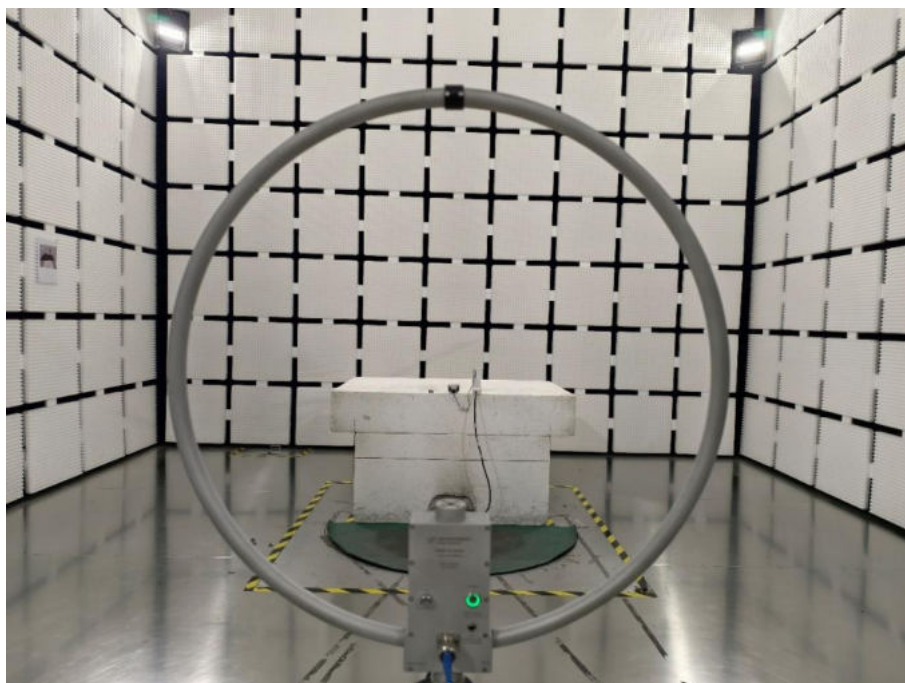


Close-up

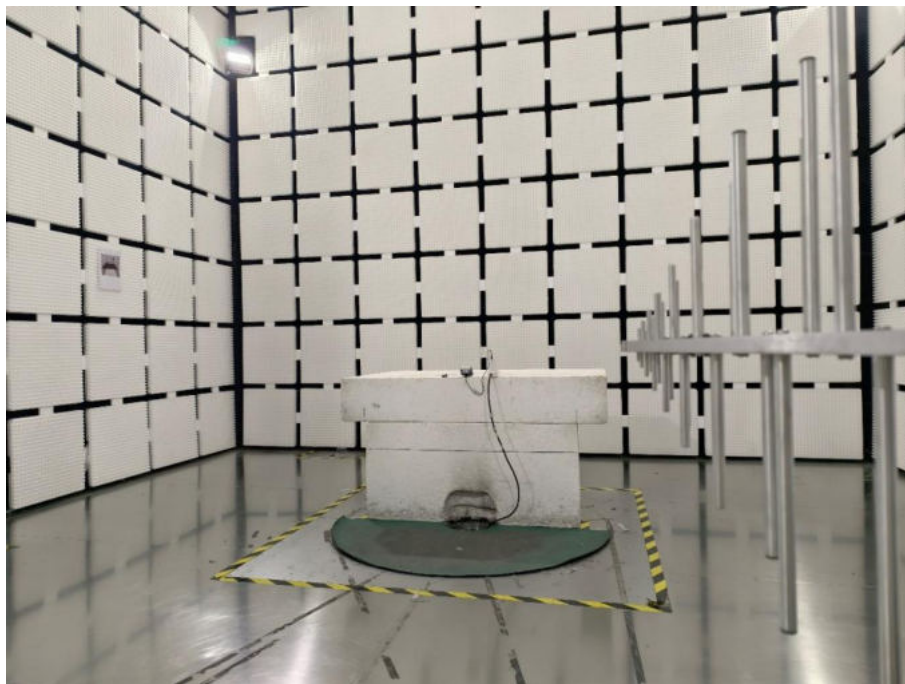


Right Ear

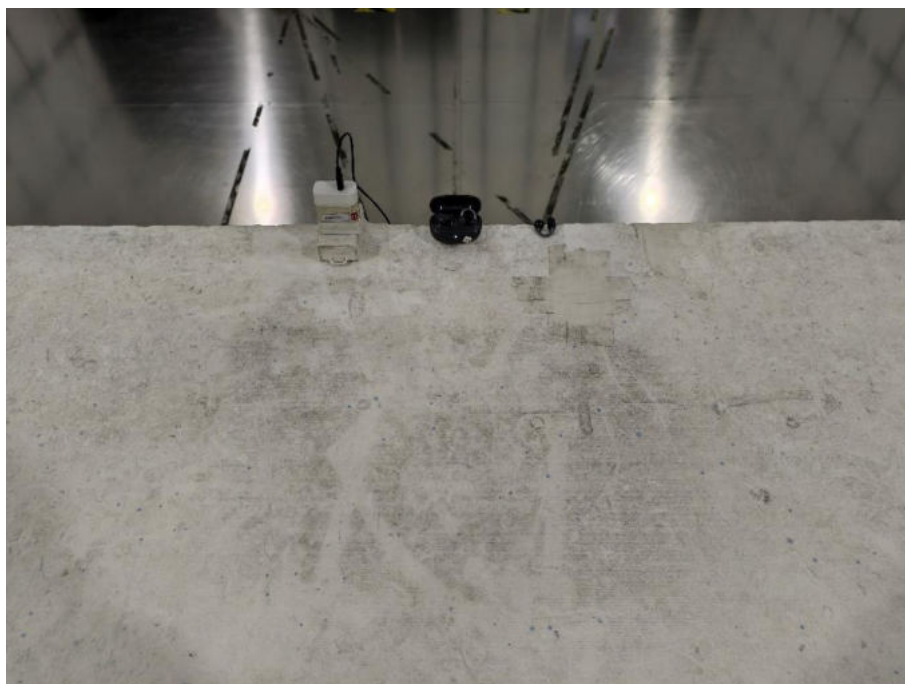
Below 30MHz



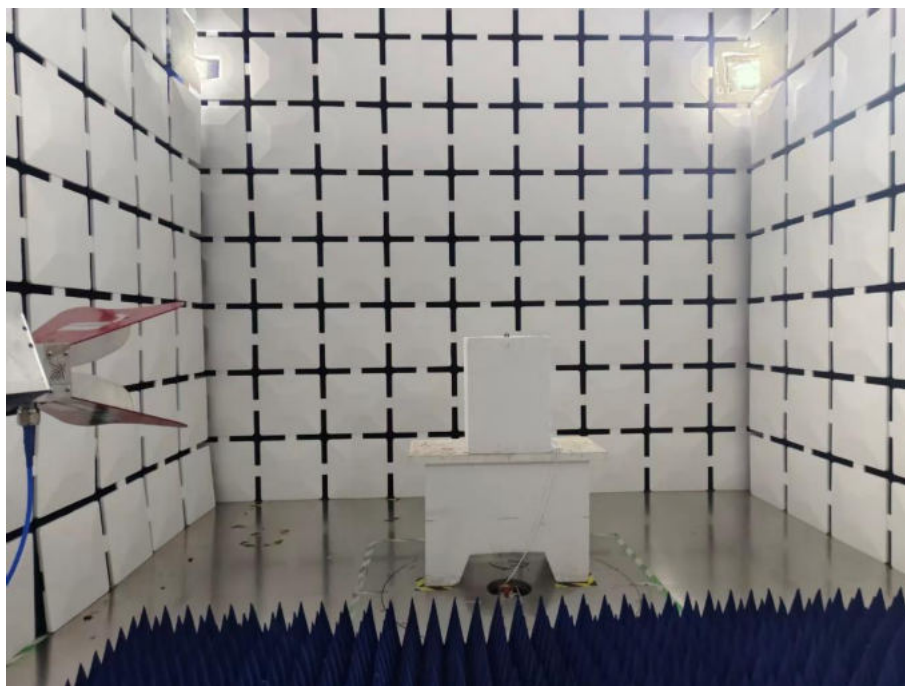
30MHz-1GHz



Close-up



Above 1GHz



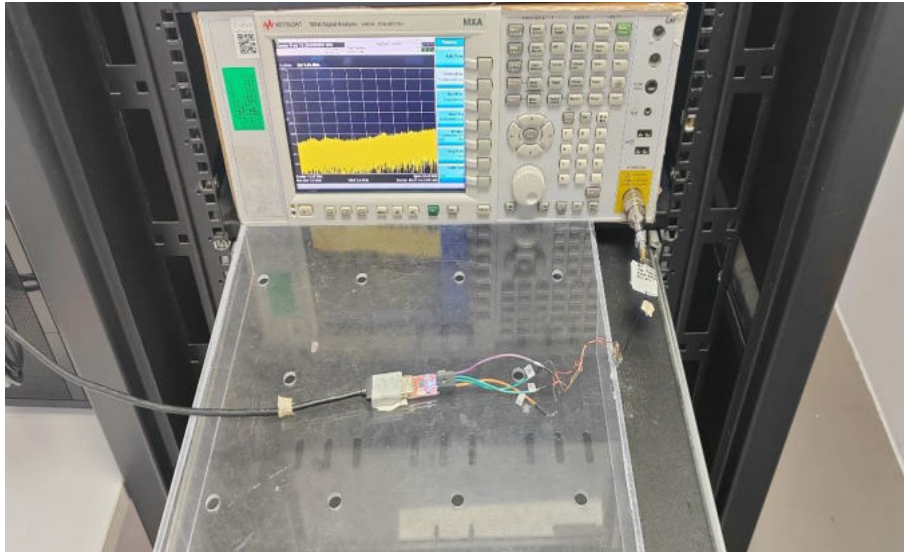
Close-up



2 Conducted Test Photo

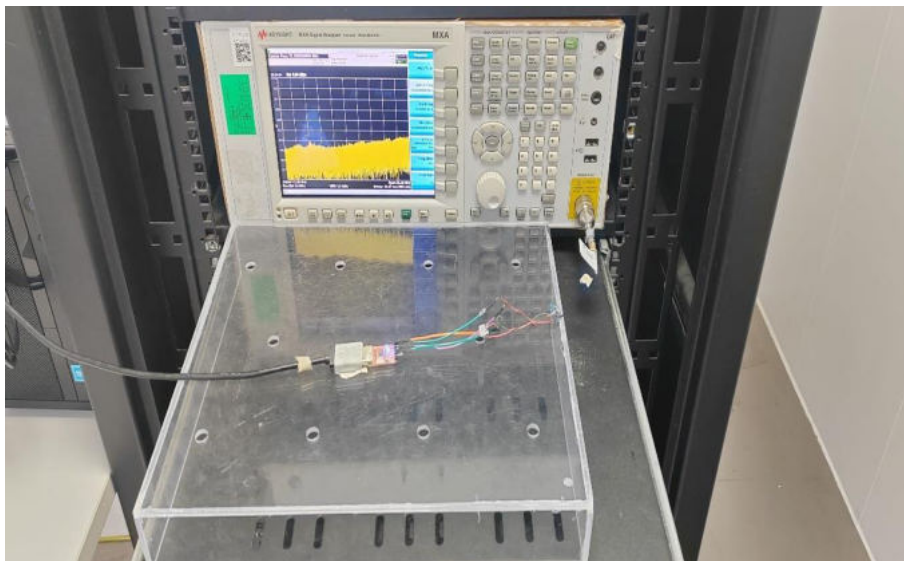
Left Ear

Conducted Test



Right Ear

Conducted Test



3 Conducted Emission

Photo 1

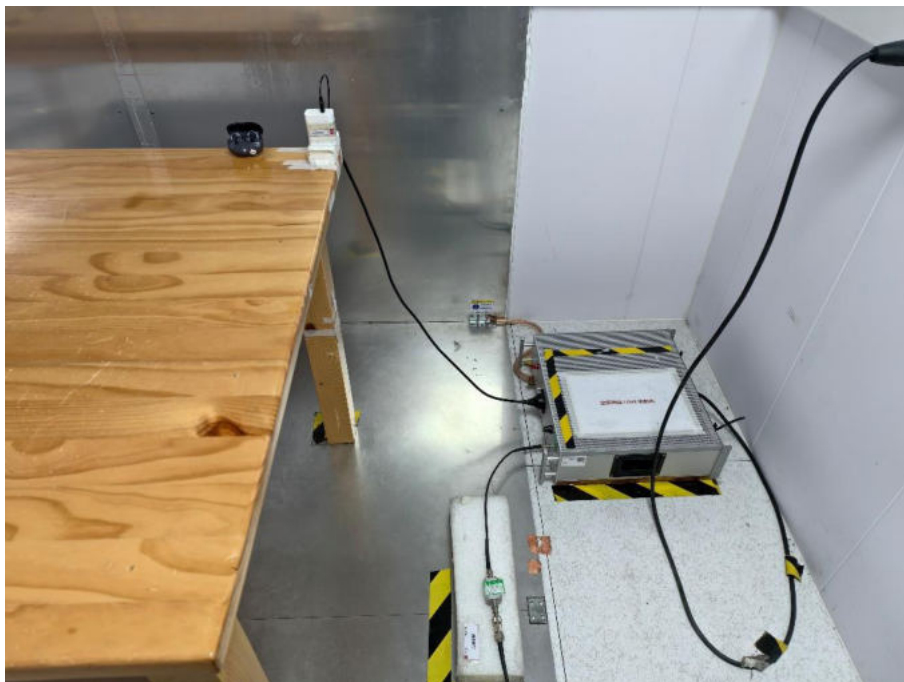


Photo 2



ANNEX B EUT EXTERNAL PHOTOS

Black

FRONT VIEW OF EUT



REAR VIEW OF EUT



LEFT VIEW OF EUT



RIGHT VIEW OF EUT



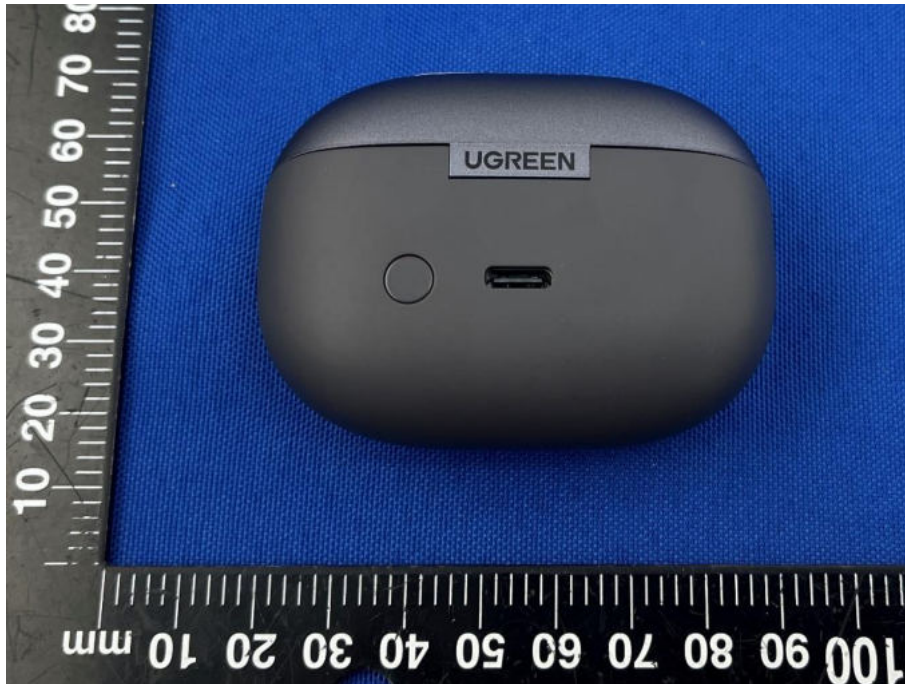
TOP VIEW OF EUT



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

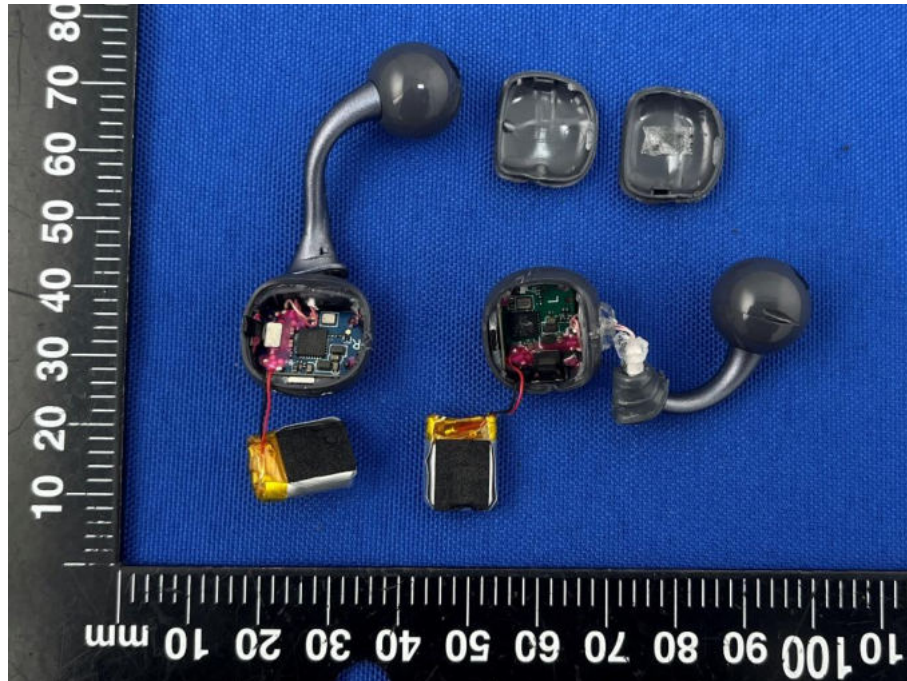


Accessory-USB Cable 2



ANNEX C EUT INTERNAL PHOTOS

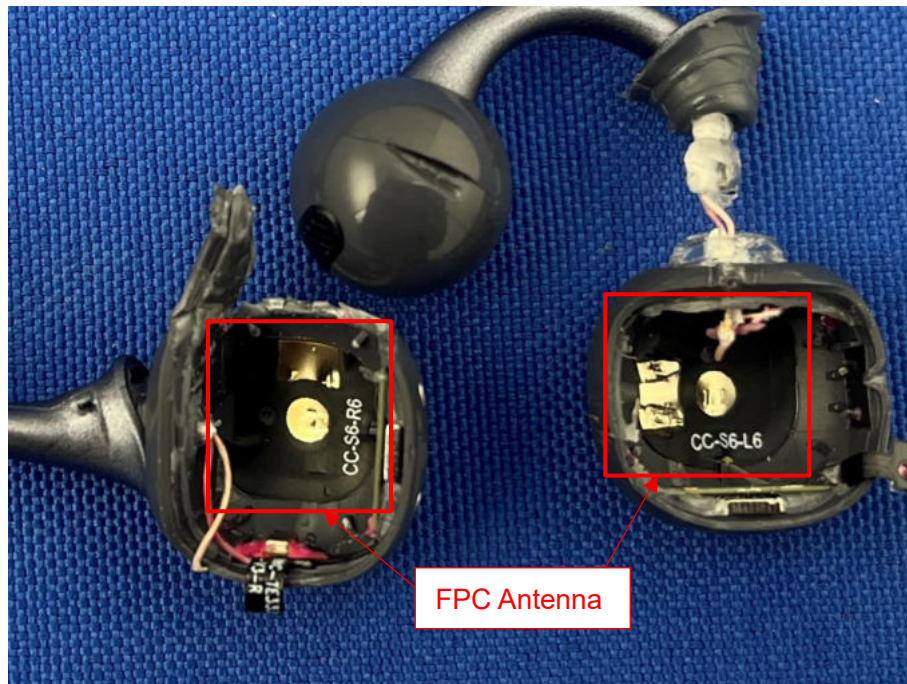
EUT UNCOVER VIEW 1



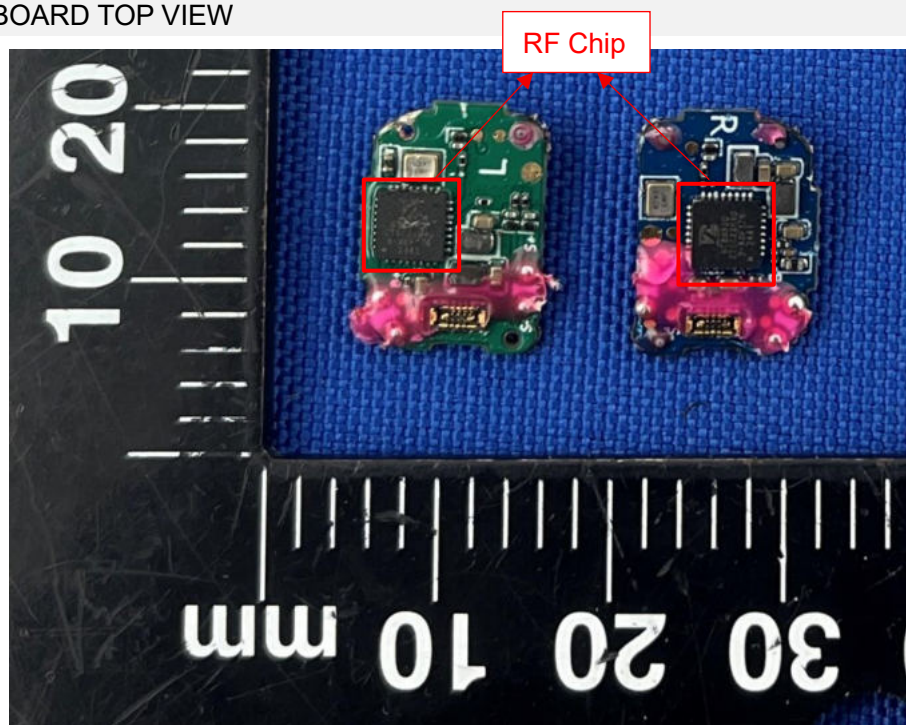
EUT UNCOVER VIEW 2



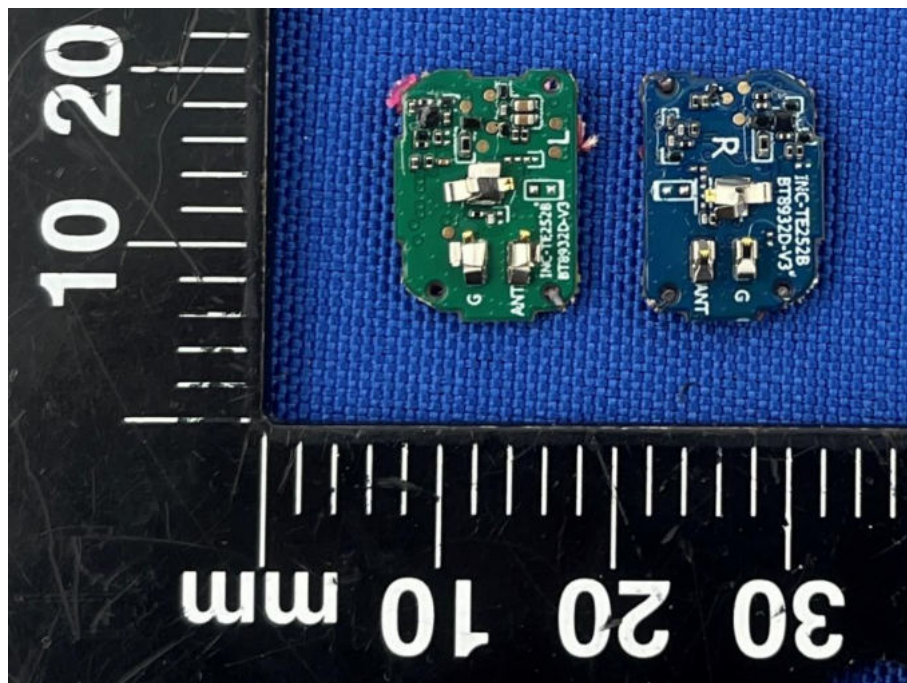
CLOSE-UP



MAIN BOARD TOP VIEW



MAIN BOARD REAR VIEW



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--END OF REPORT--