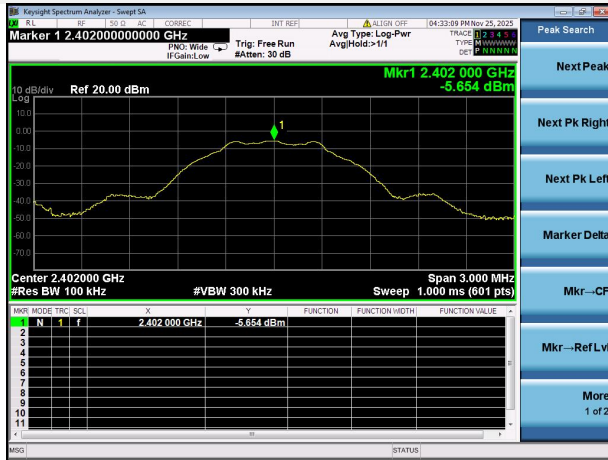
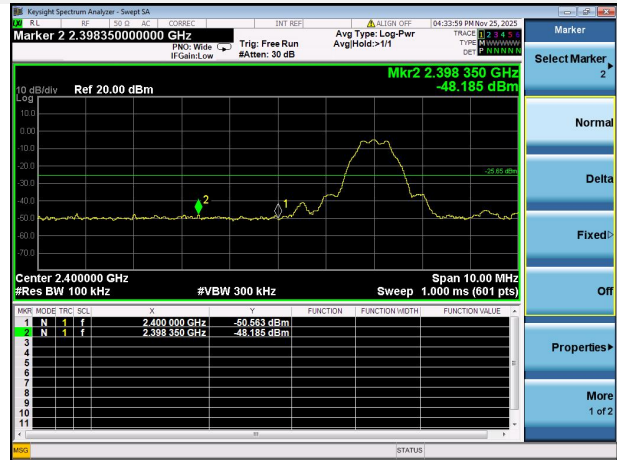


Test Plots

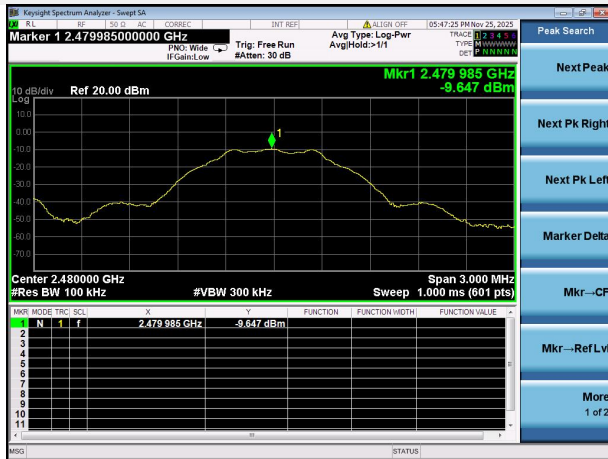
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



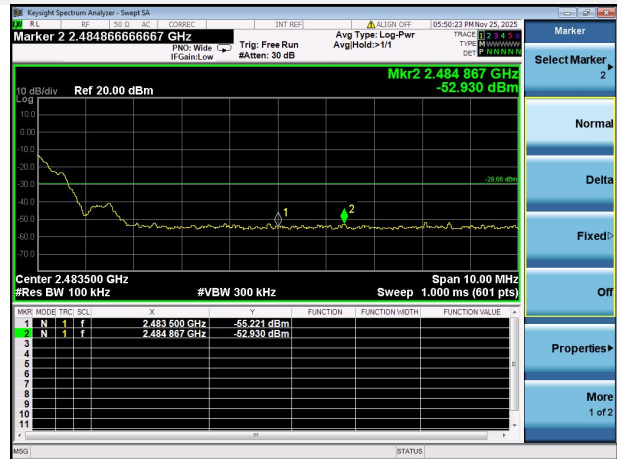
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



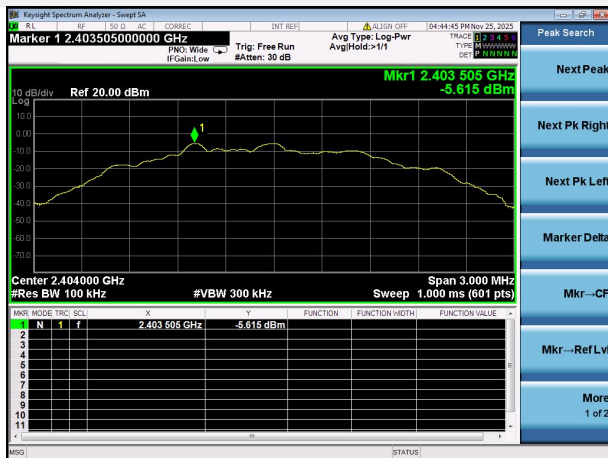
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



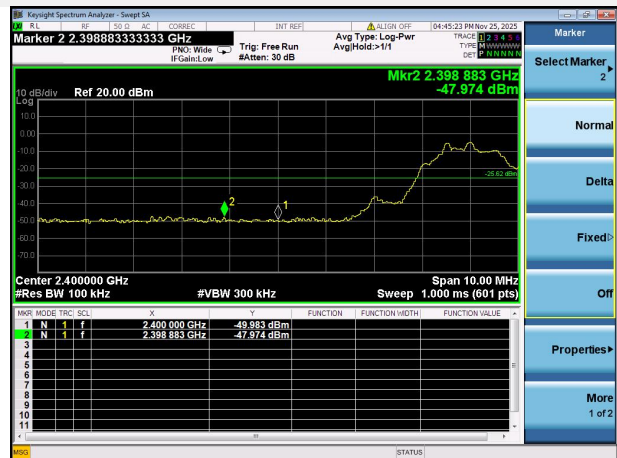
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE

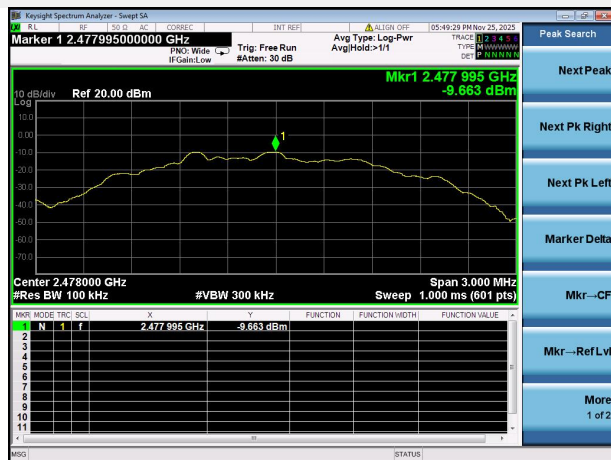
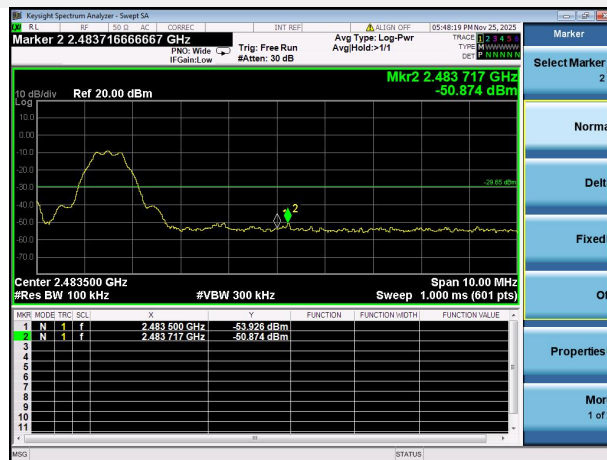


GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER
LEVELGFSK (BLE 2Mbps) HIGH CHANNEL, BAND
EDGE

Right EarphoneTest Data

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.84	-3.09	-23.09	Pass
High Channel	-47.35	-4.59	-24.59	Pass

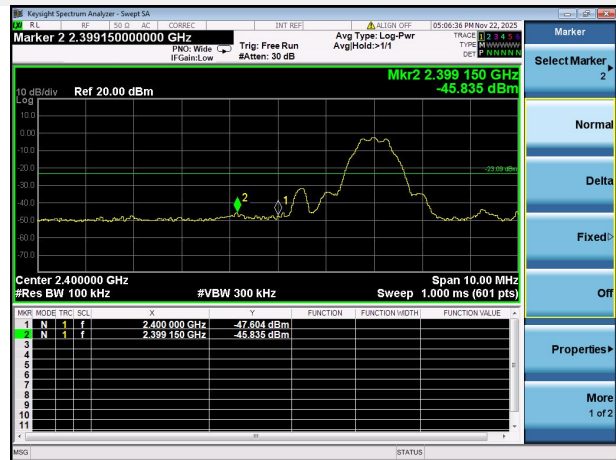
GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.37	-3.19	-23.19	Pass
High Channel	-47.55	-4.54	-24.54	Pass

Test Plots

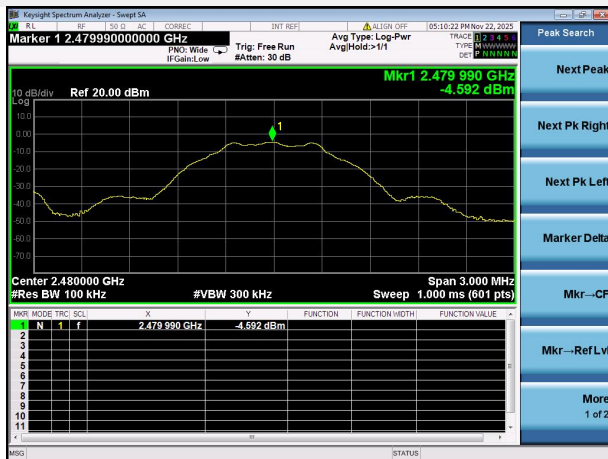
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



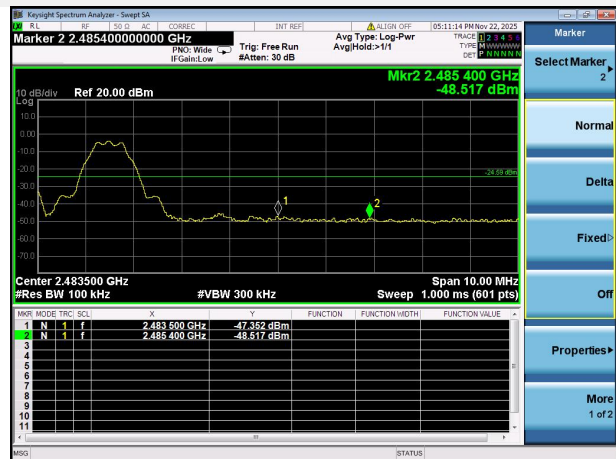
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



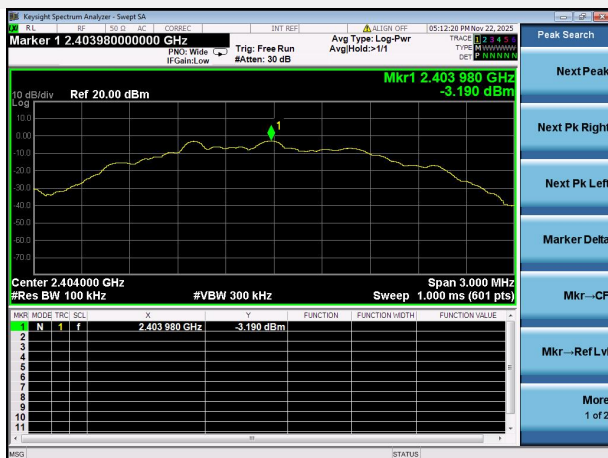
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



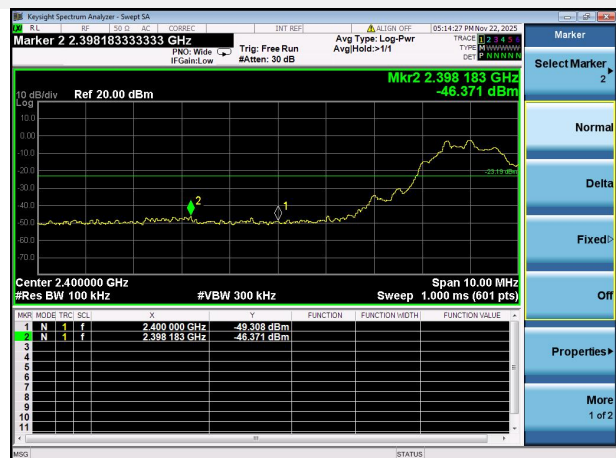
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE

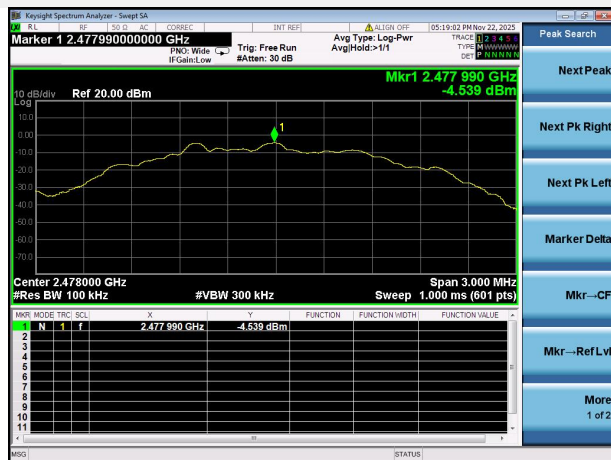
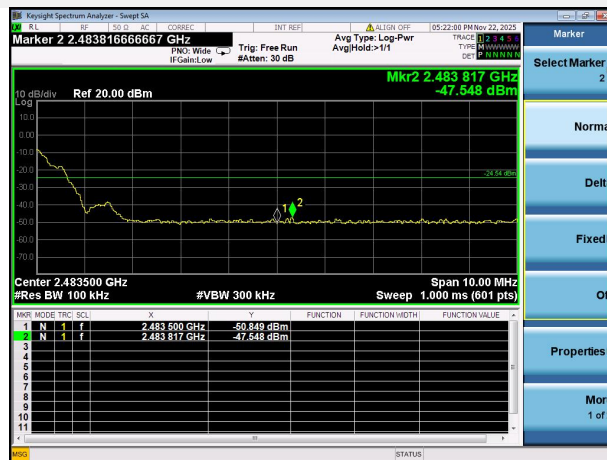


GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER
LEVELGFSK (BLE 2Mbps) HIGH CHANNEL, BAND
EDGE

A.5 Conducted Emissions

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

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

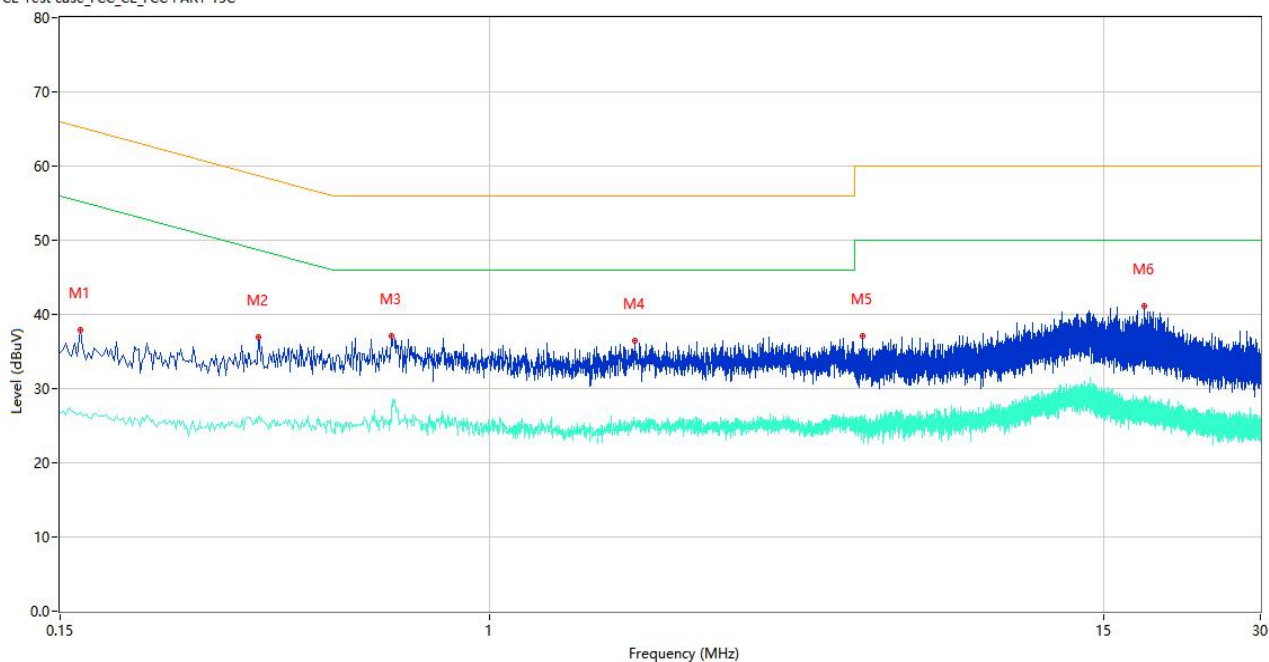
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Left Earphone

Test Data and Plots

PHASE L

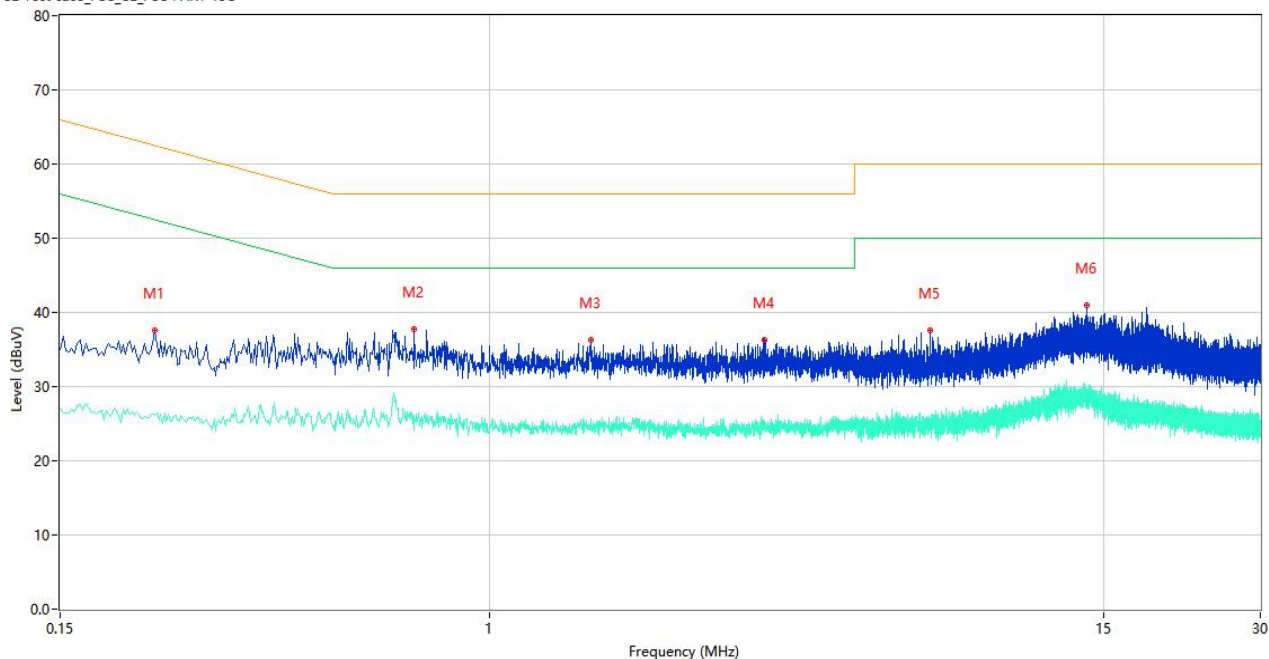
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	37.92	9.85	65.26	27.34	Peak	L	Pass
1**	0.164	26.83	9.85	55.26	28.43	AV	L	Pass
2	0.360	36.97	10.78	58.73	21.76	Peak	L	Pass
2**	0.360	25.89	10.78	48.73	22.84	AV	L	Pass
3	0.648	37.07	10.26	56.00	18.93	Peak	L	Pass
3**	0.648	27.10	10.26	46.00	18.90	AV	L	Pass
4	1.898	36.41	10.80	56.00	19.59	Peak	L	Pass
4**	1.898	25.27	10.80	46.00	20.73	AV	L	Pass
5	5.178	37.15	10.26	60.00	22.85	Peak	L	Pass
5**	5.178	25.51	10.26	50.00	24.49	AV	L	Pass
6	17.988	41.16	10.92	60.00	18.84	Peak	L	Pass
6**	17.988	25.69	10.92	50.00	24.31	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



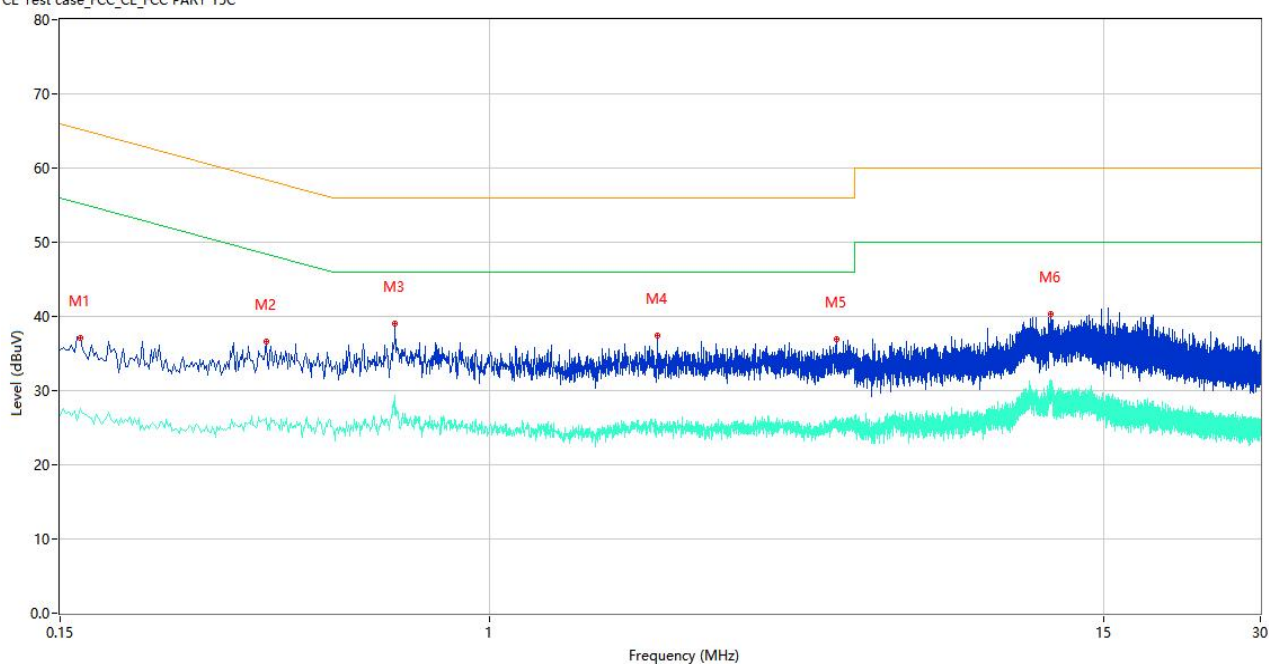
No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.228	37.61	9.83	62.52	24.91	Peak	N	Pass
1**	0.228	26.10	9.83	52.52	26.42	AV	N	Pass
2	0.716	37.74	10.55	56.00	18.26	Peak	N	Pass
2**	0.716	25.95	10.55	46.00	20.05	AV	N	Pass
3	1.566	36.24	10.11	56.00	19.76	Peak	N	Pass
3**	1.566	24.25	10.11	46.00	21.75	AV	N	Pass
4	3.364	36.31	10.41	56.00	19.69	Peak	N	Pass
4**	3.364	25.21	10.41	46.00	20.79	AV	N	Pass
5	6.986	37.54	10.12	60.00	22.46	Peak	N	Pass
5**	6.986	24.96	10.12	50.00	25.04	AV	N	Pass
6	13.928	40.95	10.63	60.00	19.05	Peak	N	Pass
6**	13.928	27.58	10.63	50.00	22.42	AV	N	Pass

Right Earphone

Test Data and Plots

PHASE L

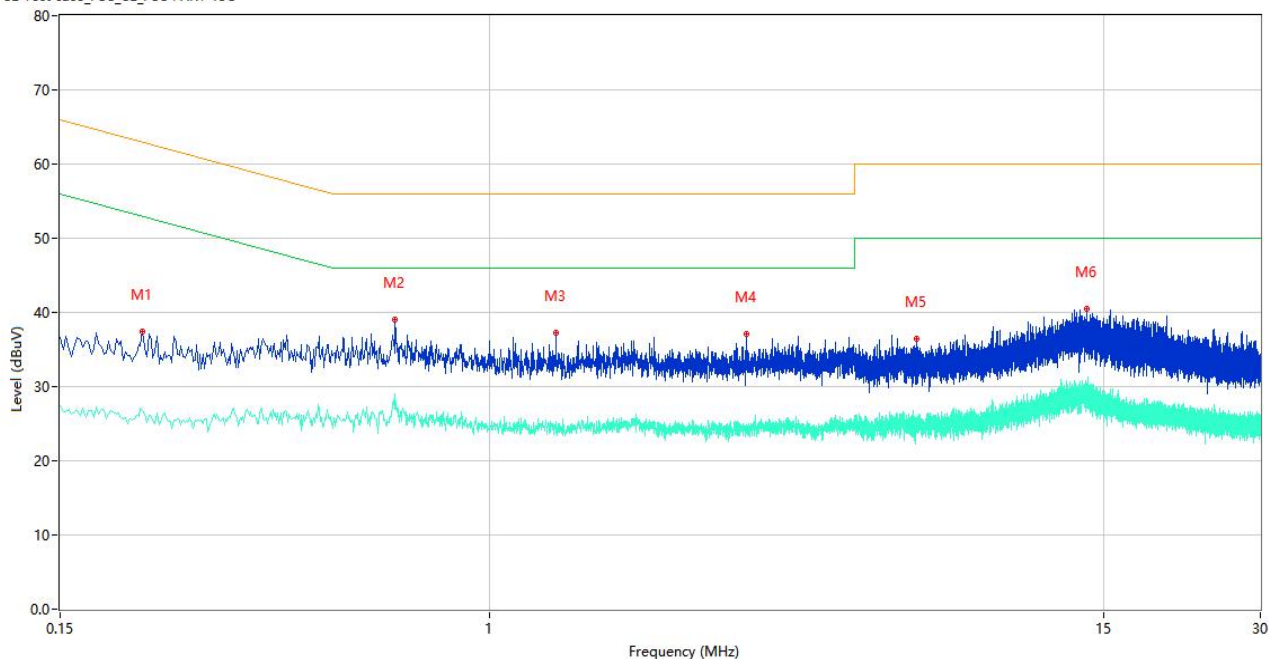
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	37.03	9.85	65.26	28.23	Peak	L	Pass
1**	0.164	27.59	9.85	55.26	27.67	AV	L	Pass
2	0.372	36.64	10.73	58.46	21.82	Peak	L	Pass
2**	0.372	26.33	10.73	48.46	22.13	AV	L	Pass
3	0.658	39.09	10.34	56.00	16.91	Peak	L	Pass
3**	0.658	26.87	10.34	46.00	19.13	AV	L	Pass
4	2.098	37.40	9.97	56.00	18.60	Peak	L	Pass
4**	2.098	25.39	9.97	46.00	20.61	AV	L	Pass
5	4.614	37.01	10.50	56.00	18.99	Peak	L	Pass
5**	4.614	25.70	10.50	46.00	20.30	AV	L	Pass
6	11.920	40.35	10.52	60.00	19.65	Peak	L	Pass
6**	11.920	30.11	10.52	50.00	19.89	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	0.216	37.43	9.83	62.97	25.54	Peak	N	Pass
1**	0.216	26.83	9.83	52.97	26.14	AV	N	Pass
2	0.658	39.09	10.34	56.00	16.91	Peak	N	Pass
2**	0.658	28.95	10.34	46.00	17.05	AV	N	Pass
3	1.340	37.32	10.16	56.00	18.68	Peak	N	Pass
3**	1.340	25.34	10.16	46.00	20.66	AV	N	Pass
4	3.098	37.11	9.90	56.00	18.89	Peak	N	Pass
4**	3.098	24.88	9.90	46.00	21.12	AV	N	Pass
5	6.568	36.53	10.37	60.00	23.47	Peak	N	Pass
5**	6.568	25.11	10.37	50.00	24.89	AV	N	Pass
6	13.918	40.56	10.62	60.00	19.44	Peak	N	Pass
6**	13.918	30.55	10.62	50.00	19.45	AV	N	Pass

A.6 Radiated Spurious Emission

Note¹: The symbol of "--" in the table which means not application.

Note²: 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.

Note³: 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.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and BLE 2M- Low channel mode is the worst.

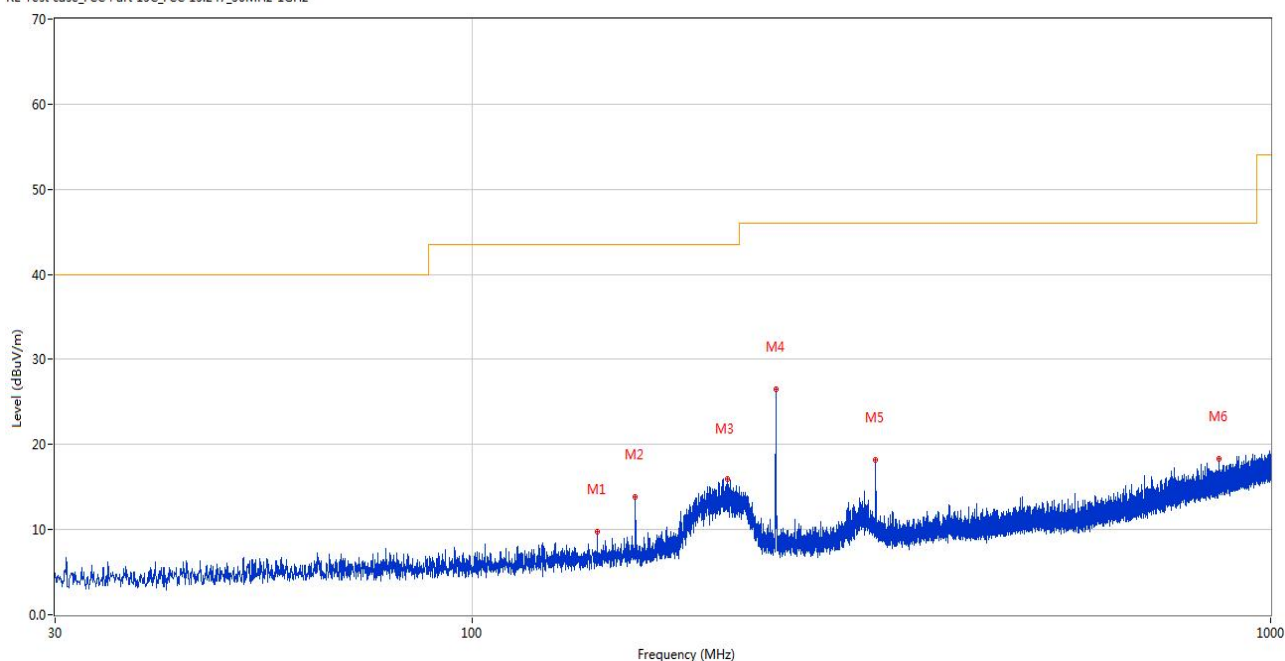
Note⁵: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

Left Earphone

Test Data and Plots

30 MHz to 1 GHz, ANT H

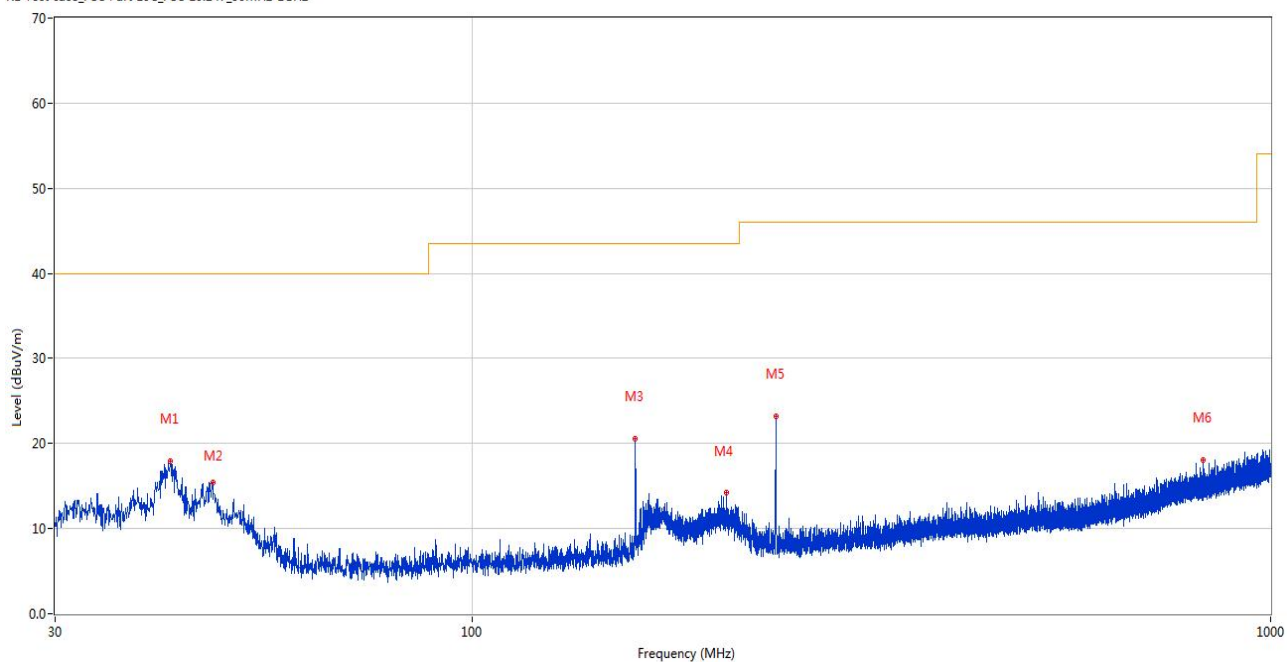
RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	143.442	9.72	-36.41	43.5	33.78	Peak	312.30	100	Horizontal	Pass
2	160.028	13.89	-36.19	43.5	29.61	Peak	259.50	100	Horizontal	Pass
3	208.626	15.94	-35.57	43.5	27.56	Peak	259.50	100	Horizontal	Pass
4	240.005	26.48	-35.35	46.0	19.52	Peak	282.00	100	Horizontal	Pass
5	319.982	18.18	-34.54	46.0	27.82	Peak	229.20	100	Horizontal	Pass
6	861.193	18.29	-28.90	46.0	27.71	Peak	251.10	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



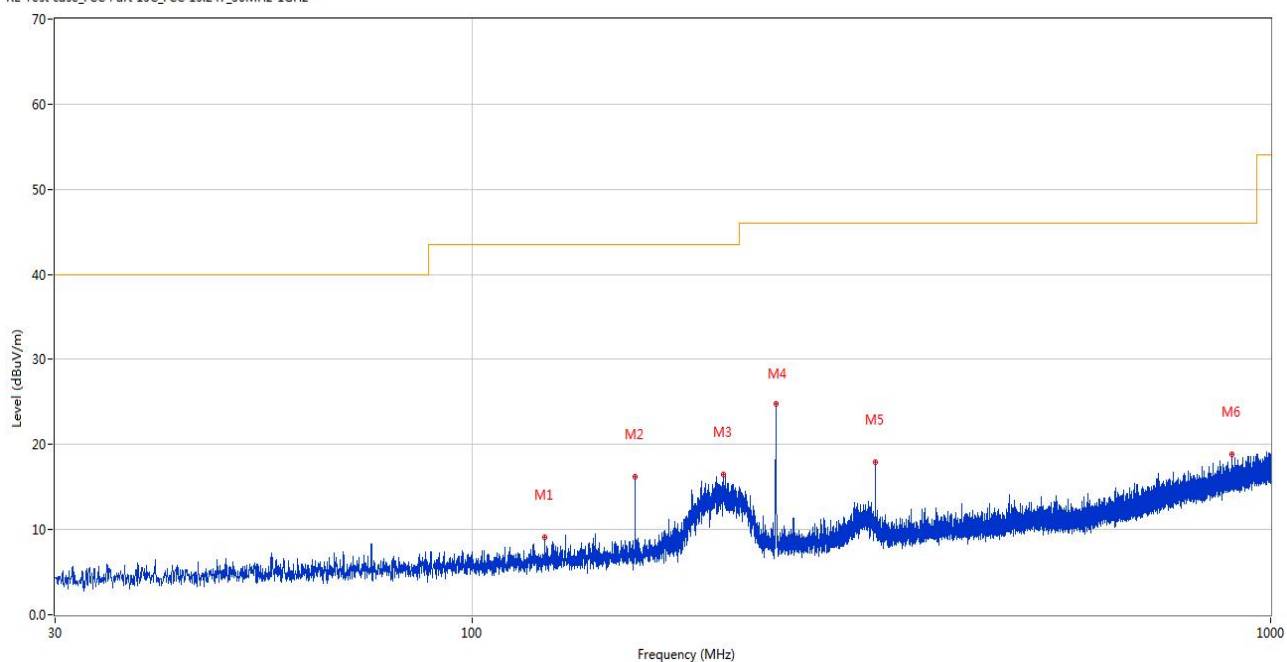
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.883	17.94	-38.34	40.0	22.06	Peak	144.80	100	Vertical	Pass
2	47.266	15.40	-38.10	40.0	24.60	Peak	293.60	100	Vertical	Pass
3	160.028	20.52	-36.19	43.5	22.98	Peak	8.90	100	Vertical	Pass
4	208.092	14.22	-35.57	43.5	29.28	Peak	360.00	100	Vertical	Pass
5	239.956	23.20	-35.35	46.0	22.80	Peak	320.10	100	Vertical	Pass
6	823.654	18.12	-29.33	46.0	27.88	Peak	343.30	100	Vertical	Pass

Right Earphone

Test Data and Plots

30 MHz to 1 GHz, ANT H

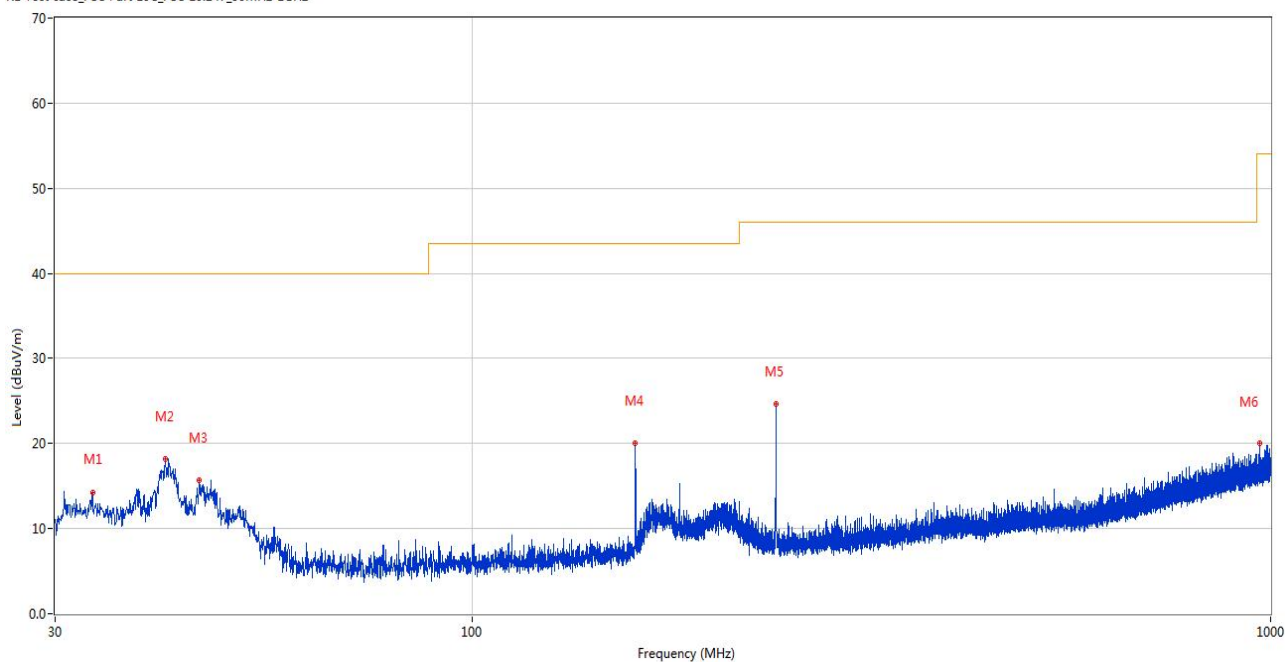
RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	123.169	9.08	-36.67	43.5	34.42	Peak	306.50	100	Horizontal	Pass
2	159.980	16.27	-36.19	43.5	27.23	Peak	284.60	100	Horizontal	Pass
3	206.443	16.46	-35.59	43.5	27.04	Peak	261.40	100	Horizontal	Pass
4	239.956	24.82	-35.35	46.0	21.18	Peak	244.70	100	Horizontal	Pass
5	319.982	17.91	-34.54	46.0	28.09	Peak	257.50	100	Horizontal	Pass
6	893.397	18.88	-28.58	46.0	27.12	Peak	86.20	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.444	14.27	-38.66	40.0	25.73	Peak	173.80	100	Vertical	Pass
2	41.203	18.15	-38.37	40.0	21.85	Peak	209.90	100	Vertical	Pass
3	45.471	15.71	-38.18	40.0	24.29	Peak	267.90	100	Vertical	Pass
4	160.077	20.09	-36.19	43.5	23.41	Peak	220.80	100	Vertical	Pass
5	240.005	24.63	-35.35	46.0	21.37	Peak	319.40	100	Vertical	Pass
6	968.281	20.08	-27.31	54.0	33.92	Peak	253.70	100	Vertical	Pass

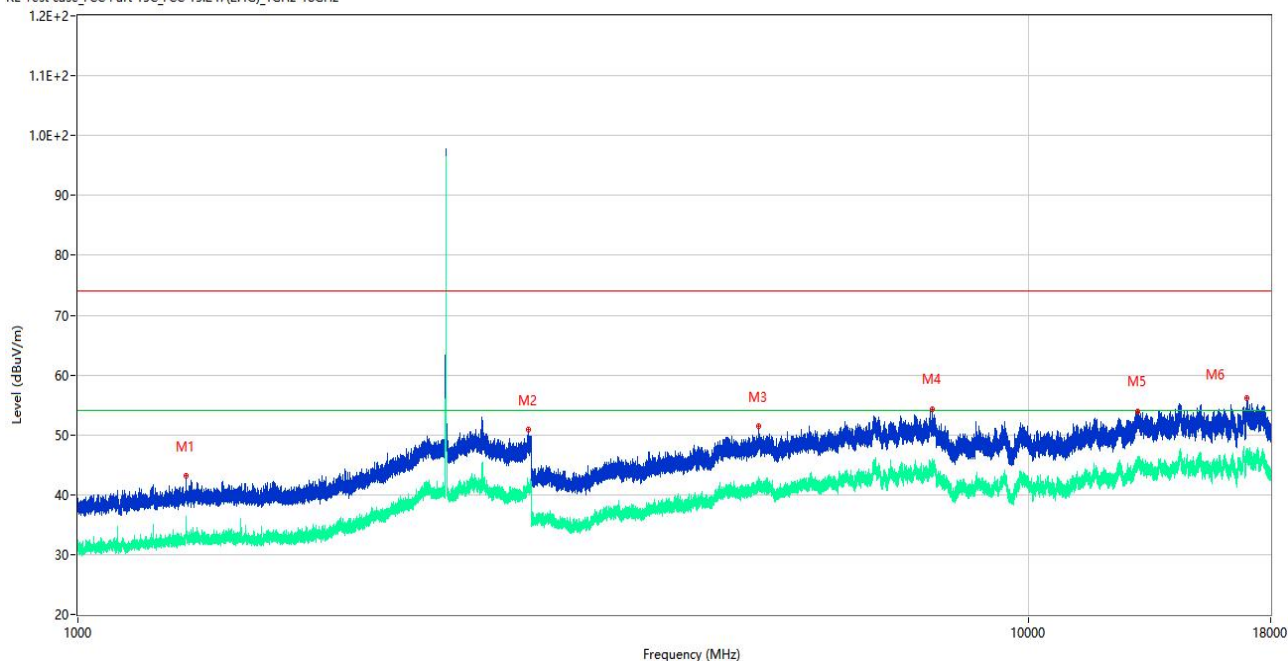
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

Left Earphone

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.023	43.28	74.0	30.72	Peak	287.00	300	Horizontal	Pass
1**	1302.023	35.53	54.0	18.47	AV	287.00	300	Horizontal	Pass
2	2974.077	51.18	74.0	22.82	Peak	342.00	100	Horizontal	Pass
2**	2974.077	41.61	54.0	12.39	AV	342.00	100	Horizontal	Pass
3	5211.924	51.63	74.0	22.38	Peak	80.00	200	Horizontal	Pass
3**	5211.924	42.45	54.0	11.55	AV	80.00	200	Horizontal	Pass
4	7928.032	54.34	74.0	19.66	Peak	129.00	200	Horizontal	Pass
4**	7928.032	44.43	54.0	9.57	AV	129.00	200	Horizontal	Pass
5	13035.325	53.84	74.0	20.16	Peak	188.00	200	Horizontal	Pass
5**	13035.325	45.44	54.0	8.56	AV	188.00	200	Horizontal	Pass
6	17002.212	56.17	74.0	17.83	Peak	327.00	300	Horizontal	Pass
6**	17002.212	46.36	54.0	7.64	AV	327.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.235	44.49	74.0	29.51	Peak	20.00	100	Vertical	Pass
1**	1163.235	32.81	54.0	21.19	AV	20.00	100	Vertical	Pass
2	2991.952	50.84	74.0	23.16	Peak	175.00	200	Vertical	Pass
2**	2991.952	39.76	54.0	14.24	AV	175.00	200	Vertical	Pass
3	6802.350	52.57	74.0	21.43	Peak	84.00	200	Vertical	Pass
3**	6802.350	43.13	54.0	10.87	AV	84.00	200	Vertical	Pass
4	7967.599	56.43	74.0	17.57	Peak	36.00	100	Vertical	Pass
4**	7967.599	43.84	54.0	10.17	AV	36.00	100	Vertical	Pass
5	12495.732	49.23	74.0	24.77	Peak	317.00	100	Vertical	Pass
5**	12495.732	40.40	54.0	13.60	AV	317.00	100	Vertical	Pass
6	17096.547	52.38	74.0	21.62	Peak	286.00	200	Vertical	Pass
6**	17096.547	43.69	54.0	10.32	AV	286.00	200	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE 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	1303.575	42.82	74.0	31.18	Peak	160.00	100	Horizontal	Pass
1**	1303.575	34.61	54.0	19.39	AV	160.00	100	Horizontal	Pass
2	2975.945	51.09	74.0	22.91	Peak	95.00	300	Horizontal	Pass
2**	2975.945	41.60	54.0	12.40	AV	95.00	300	Horizontal	Pass
3	5212.829	50.80	74.0	23.21	Peak	315.00	200	Horizontal	Pass
3**	5212.829	42.12	54.0	11.88	AV	315.00	200	Horizontal	Pass
4	7932.344	53.90	74.0	20.10	Peak	155.00	100	Horizontal	Pass
4**	7932.344	44.21	54.0	9.79	AV	155.00	100	Horizontal	Pass
5	13039.267	53.03	74.0	20.97	Peak	163.00	300	Horizontal	Pass
5**	13039.267	44.67	54.0	9.33	AV	163.00	300	Horizontal	Pass
6	17000.873	55.45	74.0	18.55	Peak	288.00	100	Horizontal	Pass
6**	17000.873	46.17	54.0	7.83	AV	288.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.709	43.68	74.0	30.32	Peak	168.00	200	Vertical	Pass
1**	1163.709	32.02	54.0	21.98	AV	168.00	200	Vertical	Pass
2	2990.551	50.15	74.0	23.85	Peak	173.00	200	Vertical	Pass
2**	2990.551	38.95	54.0	15.05	AV	173.00	200	Vertical	Pass
3	6805.107	51.84	74.0	22.16	Peak	61.00	200	Vertical	Pass
3**	6805.107	42.94	54.0	11.06	AV	61.00	200	Vertical	Pass
4	7968.053	55.81	74.0	18.19	Peak	327.00	300	Vertical	Pass
4**	7968.053	43.11	54.0	10.90	AV	327.00	300	Vertical	Pass
5	12493.007	48.70	74.0	25.30	Peak	316.00	400	Vertical	Pass
5**	12493.007	39.72	54.0	14.28	AV	316.00	400	Vertical	Pass
6	17099.469	51.89	74.0	22.11	Peak	80.00	100	Vertical	Pass
6**	17099.469	43.35	54.0	10.66	AV	80.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH 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	1300.938	42.89	74.0	31.11	Peak	31.00	300	Horizontal	Pass
1**	1300.938	34.87	54.0	19.13	AV	31.00	300	Horizontal	Pass
2	2977.030	50.29	74.0	23.71	Peak	278.00	300	Horizontal	Pass
2**	2977.030	40.79	54.0	13.21	AV	278.00	300	Horizontal	Pass
3	5207.032	50.90	74.0	23.11	Peak	106.00	200	Horizontal	Pass
3**	5207.032	42.01	54.0	11.99	AV	106.00	200	Horizontal	Pass
4	7932.684	54.06	74.0	19.94	Peak	212.00	100	Horizontal	Pass
4**	7932.684	43.61	54.0	10.39	AV	212.00	100	Horizontal	Pass
5	13041.070	53.33	74.0	20.67	Peak	283.00	100	Horizontal	Pass
5**	13041.070	44.84	54.0	9.16	AV	283.00	100	Horizontal	Pass
6	17002.096	56.00	74.0	18.00	Peak	250.00	200	Horizontal	Pass
6**	17002.096	45.64	54.0	8.36	AV	250.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.096	44.46	74.0	29.54	Peak	116.00	300	Vertical	Pass
1**	1168.096	32.79	54.0	21.21	AV	116.00	300	Vertical	Pass
2	2994.911	50.84	74.0	23.16	Peak	216.00	200	Vertical	Pass
2**	2994.911	39.71	54.0	14.29	AV	216.00	200	Vertical	Pass
3	6804.303	52.56	74.0	21.44	Peak	229.00	200	Vertical	Pass
3**	6804.303	43.09	54.0	10.91	AV	229.00	200	Vertical	Pass
4	7968.209	56.40	74.0	17.60	Peak	308.00	200	Vertical	Pass
4**	7968.209	43.75	54.0	10.25	AV	308.00	200	Vertical	Pass
5	12492.915	49.19	74.0	24.81	Peak	58.00	200	Vertical	Pass
5**	12492.915	40.36	54.0	13.64	AV	58.00	200	Vertical	Pass
6	17097.354	52.36	74.0	21.64	Peak	2.00	100	Vertical	Pass
6**	17097.354	43.68	54.0	10.32	AV	2.00	100	Vertical	Pass

GFSK (BLE 2Mbps) 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	1284.194	42.72	74.0	31.28	Peak	338.00	400	Horizontal	Pass
1**	1284.194	34.83	54.0	19.17	AV	338.00	400	Horizontal	Pass
2	2769.013	51.07	74.0	22.93	Peak	104.00	400	Horizontal	Pass
2**	2769.013	41.02	54.0	12.98	AV	104.00	400	Horizontal	Pass
3	5170.777	51.13	74.0	22.88	Peak	26.00	200	Horizontal	Pass
3**	5170.777	42.10	54.0	11.90	AV	26.00	200	Horizontal	Pass
4	6805.086	53.47	74.0	20.53	Peak	308.00	200	Horizontal	Pass
4**	6805.086	43.67	54.0	10.33	AV	308.00	200	Horizontal	Pass
5	13465.602	52.85	74.0	21.15	Peak	141.00	300	Horizontal	Pass
5**	13465.602	44.59	54.0	9.41	AV	141.00	300	Horizontal	Pass
6	17466.197	56.14	74.0	17.86	Peak	339.00	200	Horizontal	Pass
6**	17466.197	46.22	54.0	7.78	AV	339.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1288.606	44.45	74.0	29.55	Peak	219.00	300	Vertical	Pass
1**	1288.606	32.76	54.0	21.24	AV	219.00	300	Vertical	Pass
2	2773.987	50.78	74.0	23.22	Peak	103.00	200	Vertical	Pass
2**	2773.987	39.69	54.0	14.31	AV	103.00	200	Vertical	Pass
3	5165.330	52.51	74.0	21.49	Peak	255.00	200	Vertical	Pass
3**	5165.330	43.07	54.0	10.93	AV	255.00	200	Vertical	Pass
4	6808.796	56.35	74.0	17.65	Peak	332.00	200	Vertical	Pass
4**	6808.796	43.81	54.0	10.19	AV	332.00	200	Vertical	Pass
5	13468.401	49.20	74.0	24.81	Peak	93.00	400	Vertical	Pass
5**	13468.401	40.31	54.0	13.69	AV	93.00	400	Vertical	Pass
6	17467.038	52.34	74.0	21.66	Peak	321.00	100	Vertical	Pass
6**	17467.038	43.60	54.0	10.40	AV	321.00	100	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE 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	1286.748	42.48	74.0	31.52	Peak	134.00	100	Horizontal	Pass
1**	1286.748	35.46	54.0	18.54	AV	134.00	100	Horizontal	Pass
2	2767.930	51.01	74.0	22.99	Peak	47.00	400	Horizontal	Pass
2**	2767.930	41.19	54.0	12.81	AV	47.00	400	Horizontal	Pass
3	5170.588	51.16	74.0	22.85	Peak	259.00	200	Horizontal	Pass
3**	5170.588	42.23	54.0	11.77	AV	259.00	200	Horizontal	Pass
4	6804.728	53.73	74.0	20.27	Peak	300.00	400	Horizontal	Pass
4**	6804.728	43.92	54.0	10.08	AV	300.00	400	Horizontal	Pass
5	13471.115	53.60	74.0	20.40	Peak	94.00	200	Horizontal	Pass
5**	13471.115	44.55	54.0	9.45	AV	94.00	200	Horizontal	Pass
6	17467.384	55.19	74.0	18.81	Peak	76.00	100	Horizontal	Pass
6**	17467.384	45.90	54.0	8.10	AV	76.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1283.351	44.49	74.0	29.51	Peak	111.00	300	Vertical	Pass
1**	1283.351	32.72	54.0	21.28	AV	111.00	300	Vertical	Pass
2	2773.625	50.75	74.0	23.26	Peak	342.00	200	Vertical	Pass
2**	2773.625	39.74	54.0	14.27	AV	342.00	200	Vertical	Pass
3	5165.073	52.54	74.0	21.46	Peak	16.00	200	Vertical	Pass
3**	5165.073	43.08	54.0	10.92	AV	16.00	200	Vertical	Pass
4	6809.971	56.38	74.0	17.62	Peak	30.00	200	Vertical	Pass
4**	6809.971	43.74	54.0	10.26	AV	30.00	200	Vertical	Pass
5	13468.752	49.22	74.0	24.78	Peak	191.00	200	Vertical	Pass
5**	13468.752	40.32	54.0	13.69	AV	191.00	200	Vertical	Pass
6	17466.464	52.36	74.0	21.65	Peak	202.00	300	Vertical	Pass
6**	17466.464	43.62	54.0	10.38	AV	202.00	300	Vertical	Pass

GFSK (BLE 2Mbps) HIGH 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	1283.855	42.56	74.0	31.44	Peak	272.00	200	Horizontal	Pass
1**	1283.855	34.64	54.0	19.36	AV	272.00	200	Horizontal	Pass
2	2768.743	50.25	74.0	23.75	Peak	26.00	400	Horizontal	Pass
2**	2768.743	41.39	54.0	12.61	AV	26.00	400	Horizontal	Pass
3	5390.659	51.46	74.0	22.55	Peak	155.00	200	Horizontal	Pass
3**	5390.659	41.83	54.0	12.17	AV	155.00	200	Horizontal	Pass
4	6516.292	54.11	74.0	19.89	Peak	324.00	100	Horizontal	Pass
4**	6516.292	43.80	54.0	10.20	AV	324.00	100	Horizontal	Pass
5	13355.952	53.71	74.0	20.29	Peak	193.00	100	Horizontal	Pass
5**	13355.952	45.18	54.0	8.82	AV	193.00	100	Horizontal	Pass
6	17442.185	55.25	74.0	18.75	Peak	207.00	100	Horizontal	Pass
6**	17442.185	45.86	54.0	8.14	AV	207.00	100	Horizontal	Pass

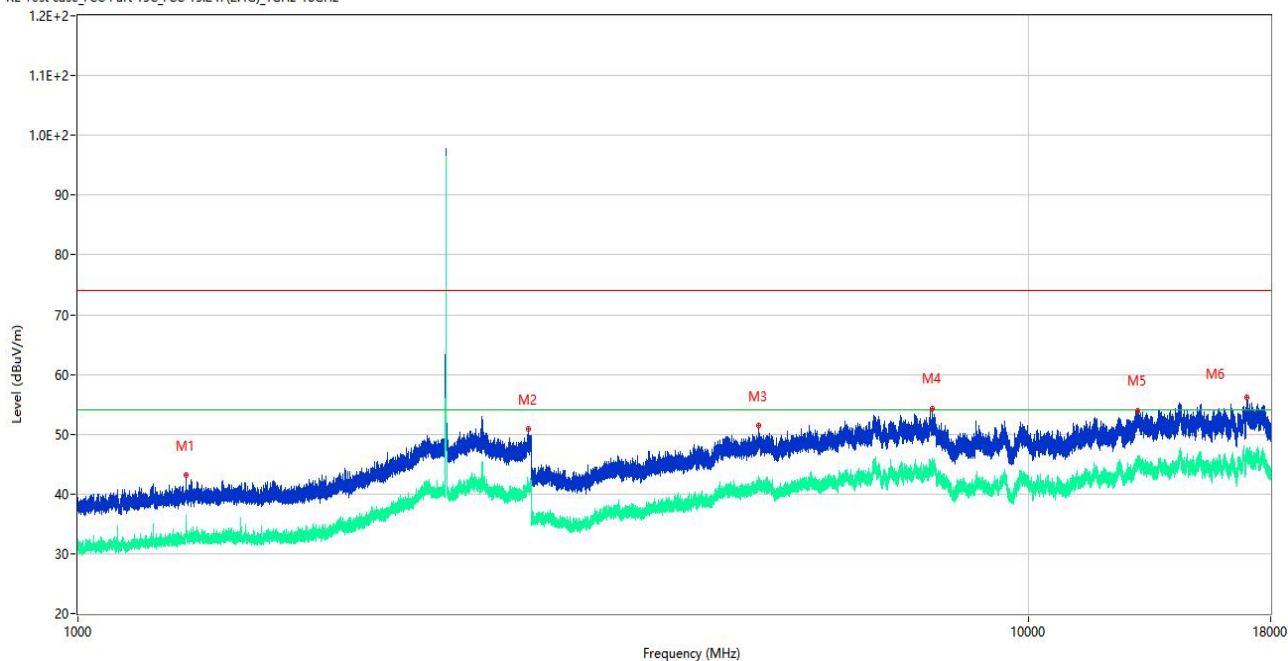
GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.385	44.47	74.0	29.53	Peak	343.00	100	Vertical	Pass
1**	1282.385	32.71	54.0	21.29	AV	343.00	100	Vertical	Pass
2	2767.919	50.82	74.0	23.18	Peak	132.00	300	Vertical	Pass
2**	2767.919	39.71	54.0	14.29	AV	132.00	300	Vertical	Pass
3	5284.818	52.48	74.0	21.52	Peak	4.00	200	Vertical	Pass
3**	5284.818	43.13	54.0	10.87	AV	4.00	200	Vertical	Pass
4	6656.603	56.41	74.0	17.59	Peak	118.00	300	Vertical	Pass
4**	6656.603	43.79	54.0	10.22	AV	118.00	300	Vertical	Pass
5	13309.294	49.17	74.0	24.83	Peak	56.00	100	Vertical	Pass
5**	13309.294	40.33	54.0	13.67	AV	56.00	100	Vertical	Pass
6	17418.495	52.31	74.0	21.69	Peak	318.00	300	Vertical	Pass
6**	17418.495	43.64	54.0	10.36	AV	318.00	300	Vertical	Pass

Right Earphone

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1300.100	43.10	74.0	30.90	Peak	25.00	400	Horizontal	Pass
1**	1300.100	35.33	54.0	18.67	AV	25.00	400	Horizontal	Pass
2	2976.400	50.94	74.0	23.06	Peak	34.00	300	Horizontal	Pass
2**	2976.400	41.60	54.0	12.40	AV	34.00	300	Horizontal	Pass
3	5210.750	51.38	74.0	22.62	Peak	81.00	200	Horizontal	Pass
3**	5210.750	42.40	54.0	11.60	AV	81.00	200	Horizontal	Pass
4	7930.500	54.29	74.0	19.71	Peak	344.00	100	Horizontal	Pass
4**	7930.500	44.35	54.0	9.65	AV	344.00	100	Horizontal	Pass
5	13752.225	54.11	74.0	19.89	Peak	98.00	400	Horizontal	Pass
5**	13752.225	44.99	54.0	9.01	AV	98.00	400	Horizontal	Pass
6	17004.074	56.08	74.0	17.92	Peak	354.00	400	Horizontal	Pass
6**	17004.074	46.27	54.0	7.73	AV	354.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.080	42.51	74.0	31.49	Peak	188.00	100	Vertical	Pass
1**	1463.080	31.84	54.0	22.16	AV	188.00	100	Vertical	Pass
2	2993.264	50.58	74.0	23.42	Peak	64.00	300	Vertical	Pass
2**	2993.264	42.47	54.0	11.53	AV	64.00	300	Vertical	Pass
3	6801.885	50.77	74.0	23.23	Peak	151.00	200	Vertical	Pass
3**	6801.885	41.40	54.0	12.60	AV	151.00	200	Vertical	Pass
4	7970.486	58.78	74.0	15.22	Peak	122.00	200	Vertical	Pass
4**	7970.486	43.06	54.0	10.94	AV	122.00	200	Vertical	Pass
5	12492.826	49.23	74.0	24.77	Peak	80.00	400	Vertical	Pass
5**	12492.826	42.70	54.0	11.30	AV	80.00	400	Vertical	Pass
6	17095.064	52.11	74.0	21.89	Peak	19.00	300	Vertical	Pass
6**	17095.064	44.15	54.0	9.85	AV	19.00	300	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE 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	1334.842	42.36	74.0	31.64	Peak	226.00	300	Horizontal	Pass
1**	1334.842	34.28	54.0	19.72	AV	226.00	300	Horizontal	Pass
2	2667.722	50.93	74.0	23.07	Peak	48.00	400	Horizontal	Pass
2**	2667.722	43.51	54.0	10.49	AV	48.00	400	Horizontal	Pass
3	5166.405	50.77	74.0	23.23	Peak	194.00	200	Horizontal	Pass
3**	5166.405	39.84	54.0	14.16	AV	194.00	200	Horizontal	Pass
4	7974.805	53.00	74.0	21.00	Peak	282.00	400	Horizontal	Pass
4**	7974.805	44.50	54.0	9.50	AV	282.00	400	Horizontal	Pass
5	13748.906	54.17	74.0	19.83	Peak	113.00	100	Horizontal	Pass
5**	13748.906	44.13	54.0	9.87	AV	113.00	100	Horizontal	Pass
6	17437.749	54.87	74.0	19.14	Peak	97.00	400	Horizontal	Pass
6**	17437.749	45.43	54.0	8.57	AV	97.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.441	41.94	74.0	32.06	Peak	74.00	200	Vertical	Pass
1**	1461.441	31.11	54.0	22.89	AV	74.00	200	Vertical	Pass
2	2989.753	50.34	74.0	23.66	Peak	356.00	100	Vertical	Pass
2**	2989.753	41.73	54.0	12.27	AV	356.00	100	Vertical	Pass
3	6800.897	50.64	74.0	23.36	Peak	149.00	200	Vertical	Pass
3**	6800.897	40.85	54.0	13.15	AV	149.00	200	Vertical	Pass
4	7968.362	58.50	74.0	15.50	Peak	179.00	300	Vertical	Pass
4**	7968.362	42.82	54.0	11.18	AV	179.00	300	Vertical	Pass
5	12496.006	48.73	74.0	25.27	Peak	53.00	400	Vertical	Pass
5**	12496.006	42.07	54.0	11.93	AV	53.00	400	Vertical	Pass
6	17097.053	51.22	74.0	22.78	Peak	145.00	100	Vertical	Pass
6**	17097.053	43.24	54.0	10.76	AV	145.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH 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	1339.477	42.52	74.0	31.48	Peak	64.00	200	Horizontal	Pass
1**	1339.477	33.84	54.0	20.16	AV	64.00	200	Horizontal	Pass
2	2665.814	51.20	74.0	22.80	Peak	357.00	400	Horizontal	Pass
2**	2665.814	42.99	54.0	11.01	AV	357.00	400	Horizontal	Pass
3	5169.150	49.98	74.0	24.02	Peak	134.00	200	Horizontal	Pass
3**	5169.150	40.07	54.0	13.93	AV	134.00	200	Horizontal	Pass
4	7971.989	53.39	74.0	20.61	Peak	197.00	400	Horizontal	Pass
4**	7971.989	44.44	54.0	9.56	AV	197.00	400	Horizontal	Pass
5	13745.968	53.85	74.0	20.15	Peak	222.00	400	Horizontal	Pass
5**	13745.968	43.96	54.0	10.04	AV	222.00	400	Horizontal	Pass
6	17434.793	54.76	74.0	19.25	Peak	278.00	100	Horizontal	Pass
6**	17434.793	44.74	54.0	9.26	AV	278.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.501	42.21	74.0	31.79	Peak	264.00	400	Vertical	Pass
1**	1461.501	31.21	54.0	22.79	AV	264.00	400	Vertical	Pass
2	2988.058	50.05	74.0	23.95	Peak	134.00	400	Vertical	Pass
2**	2988.058	42.32	54.0	11.68	AV	134.00	400	Vertical	Pass
3	6803.045	50.65	74.0	23.35	Peak	147.00	200	Vertical	Pass
3**	6803.045	41.18	54.0	12.82	AV	147.00	200	Vertical	Pass
4	7969.252	58.60	74.0	15.40	Peak	52.00	400	Vertical	Pass
4**	7969.252	42.46	54.0	11.54	AV	52.00	400	Vertical	Pass
5	12496.188	49.20	74.0	24.80	Peak	254.00	300	Vertical	Pass
5**	12496.188	41.92	54.0	12.08	AV	254.00	300	Vertical	Pass
6	17098.522	51.22	74.0	22.78	Peak	173.00	400	Vertical	Pass
6**	17098.522	43.26	54.0	10.74	AV	173.00	400	Vertical	Pass

GFSK (BLE 2Mbps) 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	1283.643	42.59	74.0	31.41	Peak	265.00	200	Horizontal	Pass
1**	1283.643	33.65	54.0	20.35	AV	265.00	200	Horizontal	Pass
2	2774.595	50.45	74.0	23.55	Peak	336.00	300	Horizontal	Pass
2**	2774.595	43.72	54.0	10.28	AV	336.00	300	Horizontal	Pass
3	5168.517	50.21	74.0	23.79	Peak	261.00	200	Horizontal	Pass
3**	5168.517	39.90	54.0	14.10	AV	261.00	200	Horizontal	Pass
4	6810.063	53.22	74.0	20.78	Peak	212.00	300	Horizontal	Pass
4**	6810.063	44.99	54.0	9.01	AV	212.00	300	Horizontal	Pass
5	13468.908	54.24	74.0	19.76	Peak	106.00	200	Horizontal	Pass
5**	13468.908	44.40	54.0	9.60	AV	106.00	200	Horizontal	Pass
6	17463.583	55.68	74.0	18.33	Peak	331.00	100	Horizontal	Pass
6**	17463.583	45.48	54.0	8.52	AV	331.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.688	42.03	74.0	31.97	Peak	264.00	100	Vertical	Pass
1**	1282.688	31.01	54.0	22.99	AV	264.00	100	Vertical	Pass
2	2772.657	50.42	74.0	23.58	Peak	304.00	300	Vertical	Pass
2**	2772.657	42.21	54.0	11.79	AV	304.00	300	Vertical	Pass
3	5163.266	50.50	74.0	23.50	Peak	158.00	200	Vertical	Pass
3**	5163.266	40.42	54.0	13.58	AV	158.00	200	Vertical	Pass
4	6802.717	58.43	74.0	15.57	Peak	177.00	200	Vertical	Pass
4**	6802.717	42.19	54.0	11.81	AV	177.00	200	Vertical	Pass
5	13471.621	48.99	74.0	25.01	Peak	235.00	200	Vertical	Pass
5**	13471.621	42.62	54.0	11.38	AV	235.00	200	Vertical	Pass
6	17463.255	52.04	74.0	21.96	Peak	123.00	200	Vertical	Pass
6**	17463.255	43.95	54.0	10.05	AV	123.00	200	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE 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	1283.589	42.25	74.0	31.75	Peak	320.00	300	Horizontal	Pass
1**	1283.589	34.16	54.0	19.84	AV	320.00	300	Horizontal	Pass
2	2772.158	50.42	74.0	23.58	Peak	182.00	100	Horizontal	Pass
2**	2772.158	42.63	54.0	11.37	AV	182.00	100	Horizontal	Pass
3	5169.906	49.82	74.0	24.18	Peak	333.00	200	Horizontal	Pass
3**	5169.906	38.99	54.0	15.01	AV	333.00	200	Horizontal	Pass
4	6804.392	52.62	74.0	21.38	Peak	6.00	200	Horizontal	Pass
4**	6804.392	44.46	54.0	9.54	AV	6.00	200	Horizontal	Pass
5	13465.351	53.25	74.0	20.75	Peak	12.00	400	Horizontal	Pass
5**	13465.351	43.43	54.0	10.57	AV	12.00	400	Horizontal	Pass
6	17465.961	54.75	74.0	19.26	Peak	128.00	400	Horizontal	Pass
6**	17465.961	45.18	54.0	8.82	AV	128.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1283.051	41.35	74.0	32.65	Peak	223.00	100	Vertical	Pass
1**	1283.051	30.81	54.0	23.19	AV	223.00	100	Vertical	Pass
2	2772.952	49.99	74.0	24.01	Peak	186.00	100	Vertical	Pass
2**	2772.952	40.77	54.0	13.23	AV	186.00	100	Vertical	Pass
3	5165.663	50.58	74.0	23.42	Peak	152.00	200	Vertical	Pass
3**	5165.663	40.15	54.0	13.85	AV	152.00	200	Vertical	Pass
4	6804.385	58.34	74.0	15.66	Peak	230.00	400	Vertical	Pass
4**	6804.385	42.28	54.0	11.72	AV	230.00	400	Vertical	Pass
5	13471.501	47.73	74.0	26.27	Peak	176.00	100	Vertical	Pass
5**	13471.501	41.07	54.0	12.93	AV	176.00	100	Vertical	Pass
6	17461.801	50.50	74.0	23.50	Peak	161.00	200	Vertical	Pass
6**	17461.801	42.62	54.0	11.38	AV	161.00	200	Vertical	Pass

GFSK (BLE 2Mbps) HIGH 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	1286.252	42.10	74.0	31.90	Peak	31.00	400	Horizontal	Pass
1**	1286.252	33.36	54.0	20.64	AV	31.00	400	Horizontal	Pass
2	2766.788	50.93	74.0	23.07	Peak	360.00	100	Horizontal	Pass
2**	2766.788	42.10	54.0	11.90	AV	360.00	100	Horizontal	Pass
3	5166.709	49.82	74.0	24.18	Peak	326.00	200	Horizontal	Pass
3**	5166.709	39.73	54.0	14.27	AV	326.00	200	Horizontal	Pass
4	6810.308	52.68	74.0	21.32	Peak	190.00	300	Horizontal	Pass
4**	6810.308	43.65	54.0	10.35	AV	190.00	300	Horizontal	Pass
5	13466.239	53.24	74.0	20.76	Peak	165.00	300	Horizontal	Pass
5**	13466.239	43.91	54.0	10.09	AV	165.00	300	Horizontal	Pass
6	17467.584	54.20	74.0	19.81	Peak	74.00	200	Horizontal	Pass
6**	17467.584	44.51	54.0	9.49	AV	74.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1279.708	41.87	74.0	32.13	Peak	25.00	400	Vertical	Pass
1**	1279.708	31.03	54.0	22.97	AV	25.00	400	Vertical	Pass
2	2773.099	49.95	74.0	24.05	Peak	34.00	300	Vertical	Pass
2**	2773.099	41.61	54.0	12.39	AV	34.00	300	Vertical	Pass
3	5167.106	50.62	74.0	23.38	Peak	81.00	200	Vertical	Pass
3**	5167.106	40.52	54.0	13.48	AV	81.00	200	Vertical	Pass
4	6805.438	57.61	74.0	16.39	Peak	344.00	100	Vertical	Pass
4**	6805.438	42.35	54.0	11.65	AV	344.00	100	Vertical	Pass
5	13470.401	48.51	74.0	25.49	Peak	98.00	400	Vertical	Pass
5**	13470.401	41.52	54.0	12.48	AV	98.00	400	Vertical	Pass
6	17464.446	50.23	74.0	23.77	Peak	354.00	400	Vertical	Pass
6**	17464.446	42.27	54.0	11.73	AV	354.00	400	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Note¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note²: 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.

Note³: 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.

Note⁴: The Level (dBuV/m) has been corrected by factor.

Note⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Left Earphone

Test Data

GFSK (BLE 1Mbps) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2328.584	53.77	74.0	20.23	Peak	146.00	100	Horizontal	Pass
1**	2328.584	43.03	54.0	10.97	AV	146.00	100	Horizontal	Pass
2	2390.000	52.32	74.0	21.68	Peak	73.00	200	Horizontal	Pass
2**	2390.000	40.31	54.0	13.69	AV	73.00	200	Horizontal	Pass

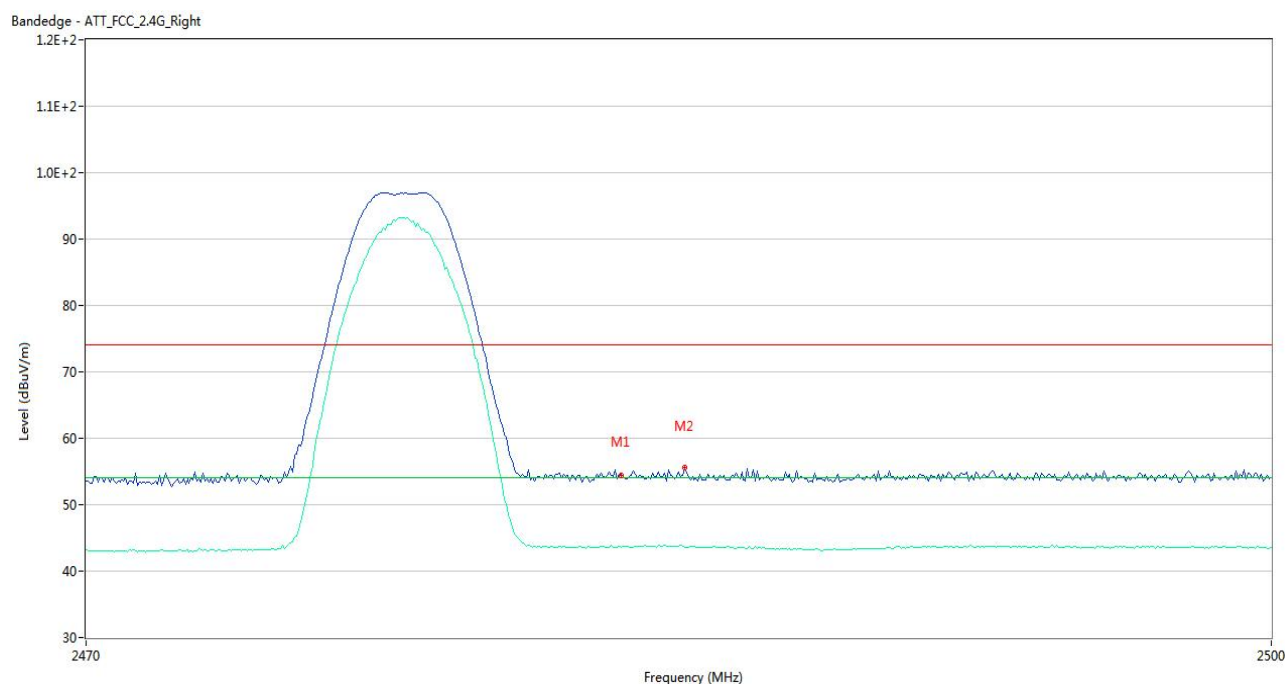
GFSK (BLE 1Mbps) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.95	74.0	20.05	Peak	228.00	200	Horizontal	Pass
1**	2483.500	43.09	54.0	10.91	AV	228.00	200	Horizontal	Pass
2	2499.304	53.98	74.0	20.02	Peak	332.00	200	Horizontal	Pass
2**	2499.304	42.21	54.0	11.79	AV	332.00	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	2347.421	55.68	74.0	18.32	Peak	161.00	100	Horizontal	Pass
1**	2347.421	42.67	54.0	11.33	AV	161.00	100	Horizontal	Pass
2	2390.000	53.3	74.0	20.70	Peak	123.00	200	Horizontal	Pass
2**	2390.000	42.56	54.0	11.44	AV	123.00	200	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	2483.500	54.44	74.0	19.56	Peak	143.00	200	Horizontal	Pass
1**	2483.500	43.61	54.0	10.39	AV	143.00	200	Horizontal	Pass
2	2485.100	55.64	74.0	18.36	Peak	185.00	200	Horizontal	Pass
2**	2485.100	43.64	54.0	10.36	AV	185.00	200	Horizontal	Pass

Right EarphoneTest Data

GFSK (BLE 1Mbps) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2331.028	54.47	74.0	19.53	Peak	282.00	100	Horizontal	Pass
1**	2331.028	42.99	54.0	11.01	AV	282.00	100	Horizontal	Pass
2	2390.000	53.35	74.0	20.65	Peak	59.00	300	Horizontal	Pass
2**	2390.000	39.94	54.0	14.06	AV	59.00	300	Horizontal	Pass

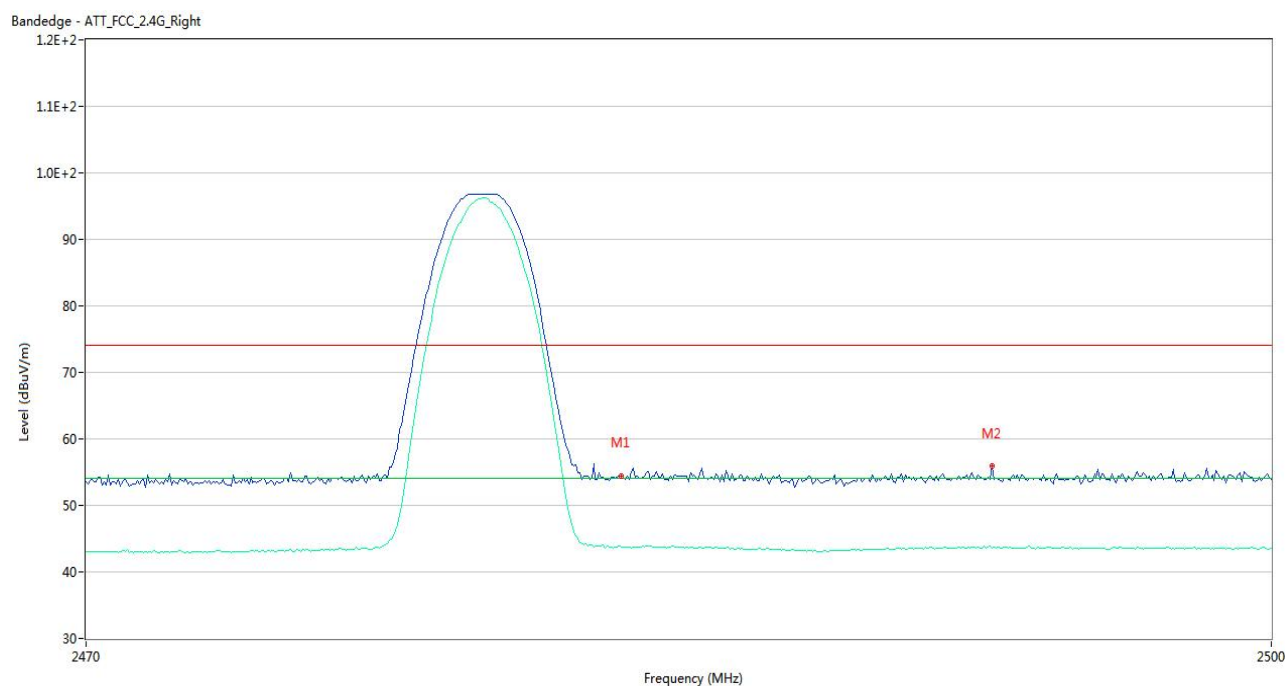
GFSK (BLE 1Mbps) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.3	74.0	21.70	Peak	46.00	100	Horizontal	Pass
1**	2483.500	41.57	54.0	12.43	AV	46.00	100	Horizontal	Pass
2	2498.920	54.06	74.0	19.94	Peak	238.00	200	Horizontal	Pass
2**	2498.920	42.89	54.0	11.11	AV	238.00	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	2350.090	56.34	74.0	17.66	Peak	142.00	200	Horizontal	Pass
1**	2350.090	44.02	54.0	9.98	AV	142.00	200	Horizontal	Pass
2	2390.000	50.71	74.0	23.29	Peak	225.00	300	Horizontal	Pass
2**	2390.000	42.59	54.0	11.41	AV	225.00	300	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	2483.500	54.46	74.0	19.54	Peak	351.00	200	Horizontal	Pass
1**	2483.500	43.68	54.0	10.32	AV	351.00	200	Horizontal	Pass
2	2492.900	55.91	74.0	18.09	Peak	286.00	100	Horizontal	Pass
2**	2492.900	43.62	54.0	10.38	AV	286.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Left Earphone

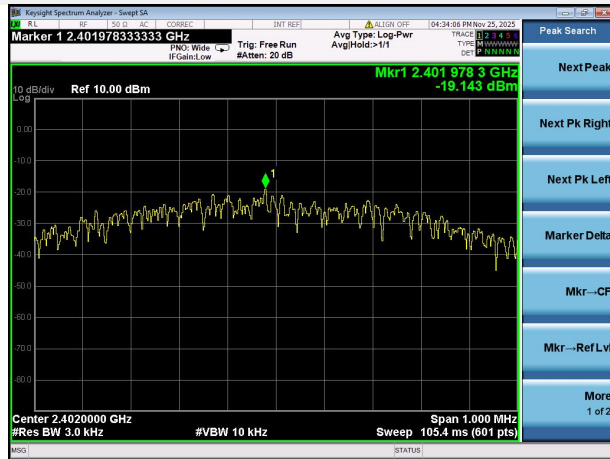
Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-19.14	8	Pass
Middle Channel	-21.20	8	Pass
High Channel	-23.07	8	Pass

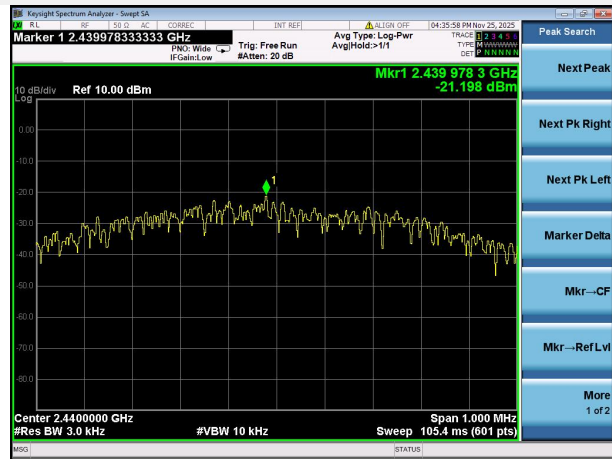
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-22.11	8	Pass
Middle Channel	-23.96	8	Pass
High Channel	-25.90	8	Pass

Test Plots

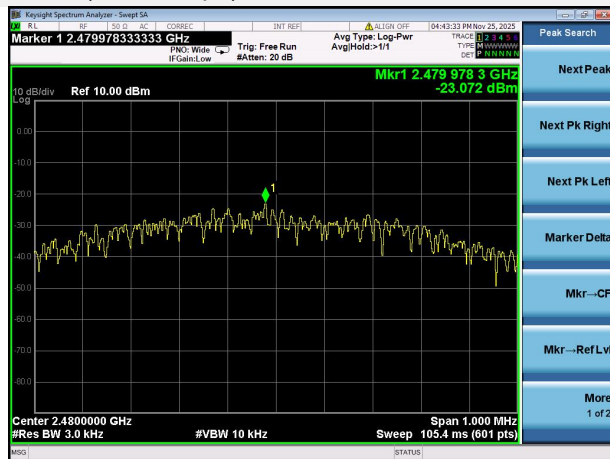
GFSK (BLE 1Mbps) LOW CHANNEL



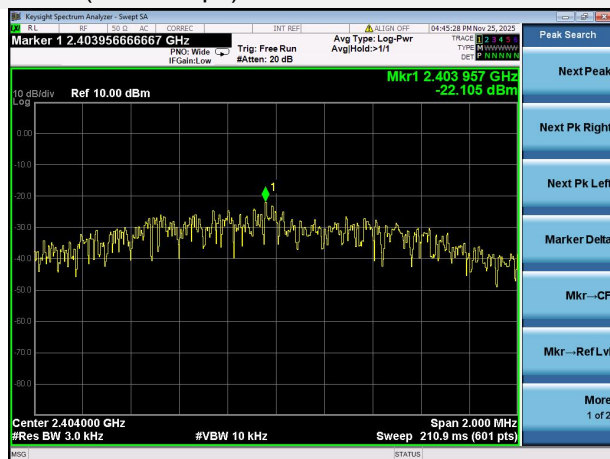
GFSK (BLE 1Mbps) MIDDLE CHANNEL



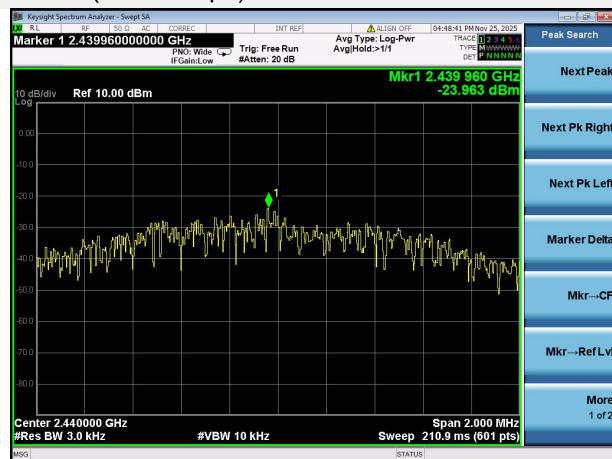
GFSK (BLE 1Mbps) HIGH CHANNEL



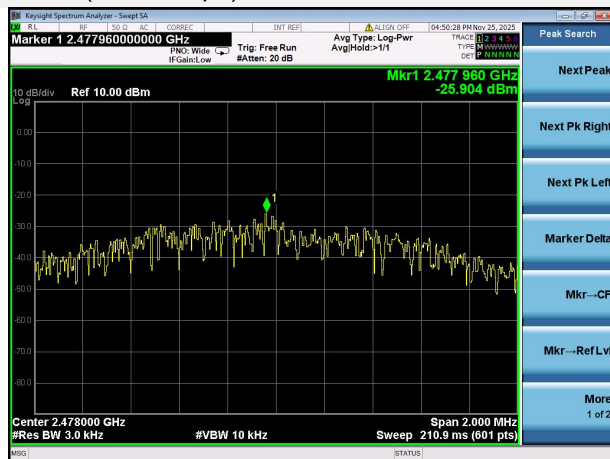
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



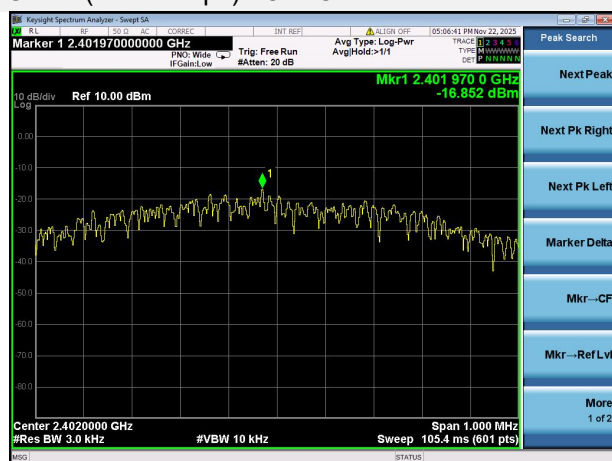
Right EarphoneTest Data

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-16.85	8	Pass
Middle Channel	-17.54	8	Pass
High Channel	-18.38	8	Pass

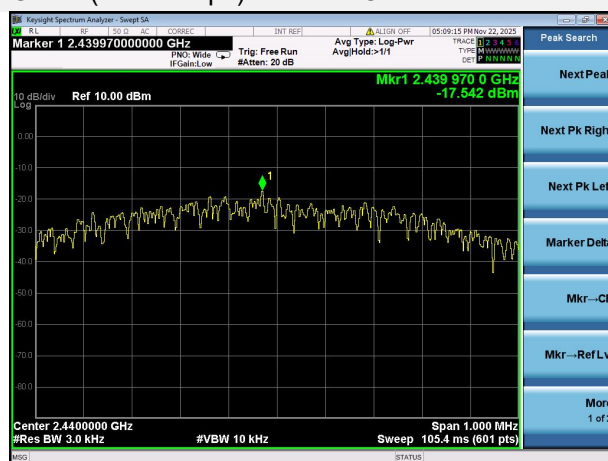
GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-20.09	8	Pass
Middle Channel	-20.74	8	Pass
High Channel	-21.47	8	Pass

Test Plots

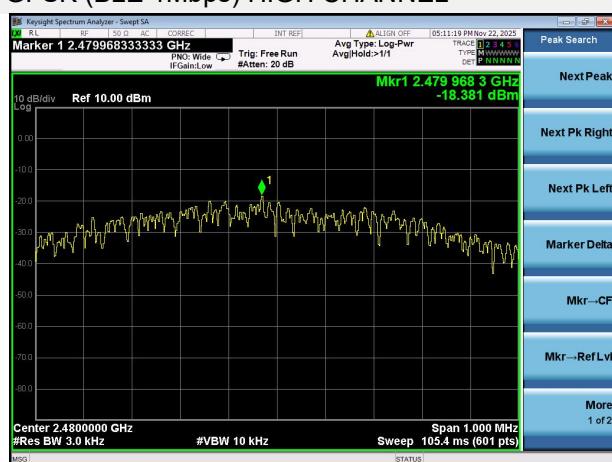
GFSK (BLE 1Mbps) LOW CHANNEL



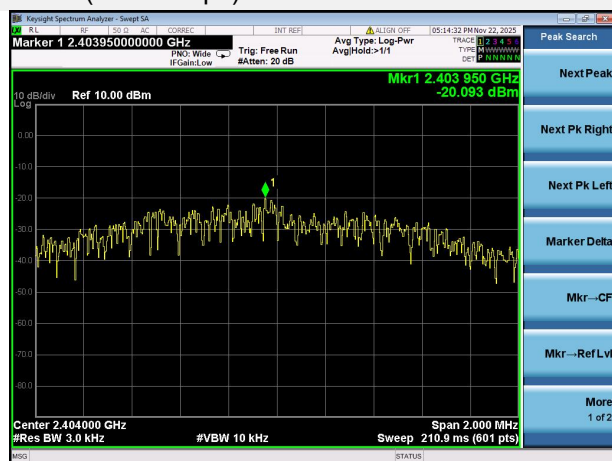
GFSK (BLE 1Mbps) MIDDLE CHANNEL



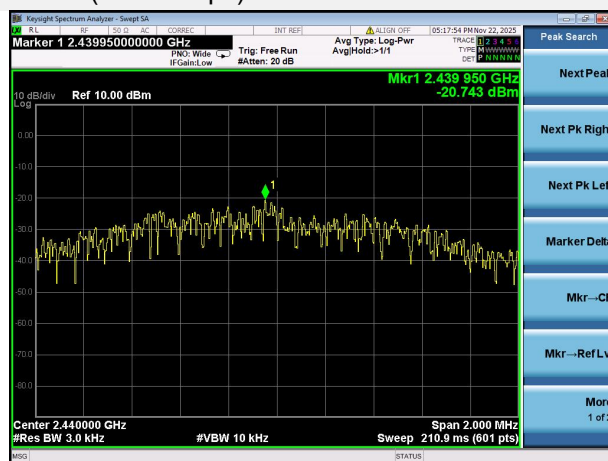
GFSK (BLE 1Mbps) HIGH CHANNEL



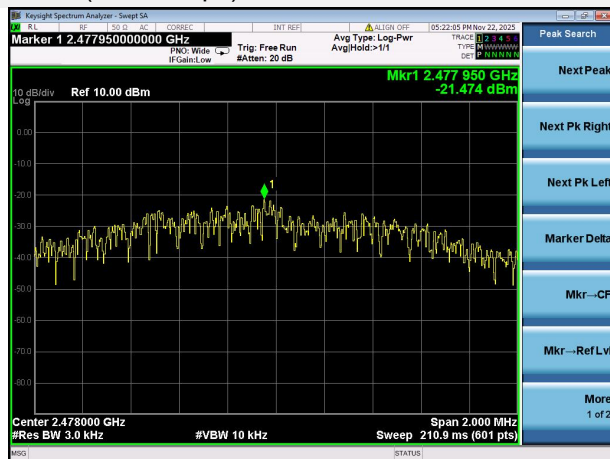
GFSK (BLE 2Mbps) LOW CHANNEL



GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



ANNEX A TEST SETUP PHOTOS

Please refer the document “BL-SZ25B0238-AR.PDF”.

ANNEX B EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25B0238-AW.PDF”.

ANNEX C EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25B0238-AI.PDF”.

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--END OF REPORT--