

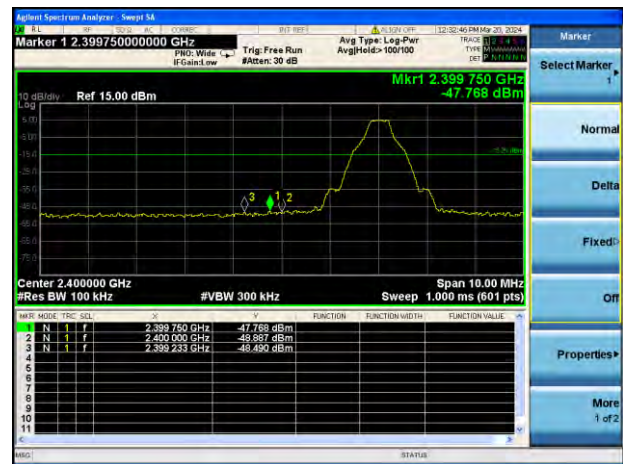
Test Plots

Left Earphone:

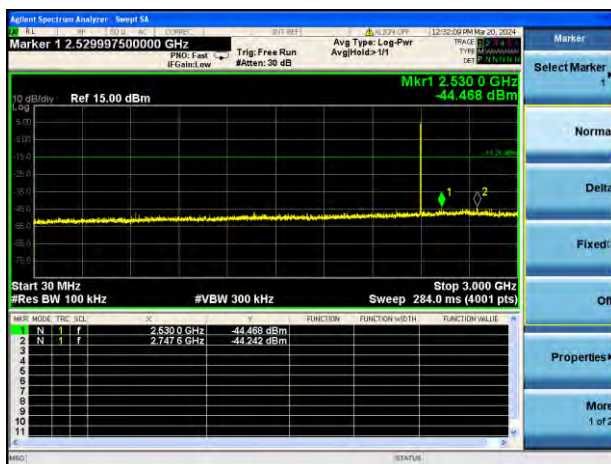
GFSK LOW CHANNEL, CARRIER LEVEL



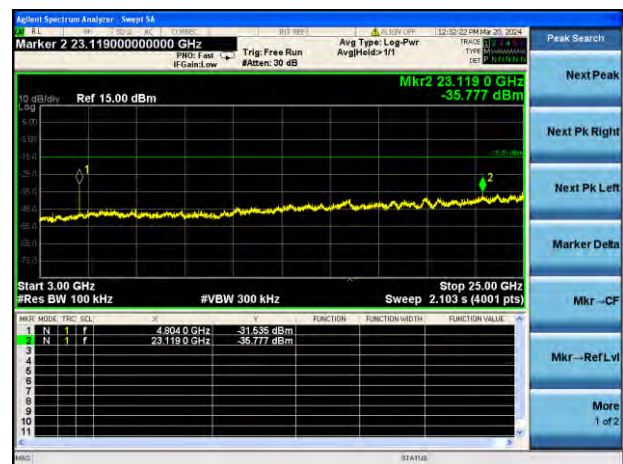
GFSK LOW CHANNEL, BAND EDGE



GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



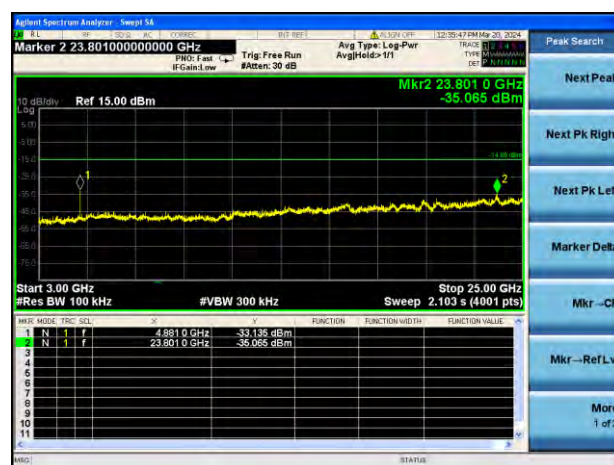
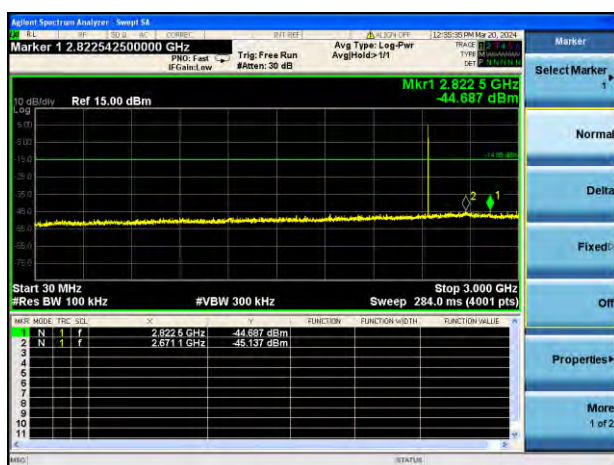
GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



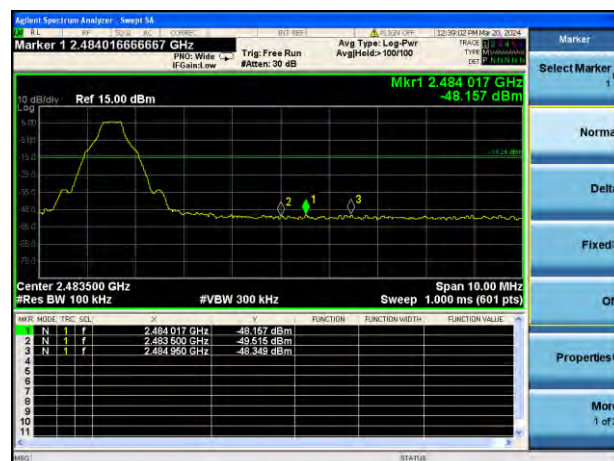
GFSK MIDDLE CHANNEL, CARRIER LEVEL



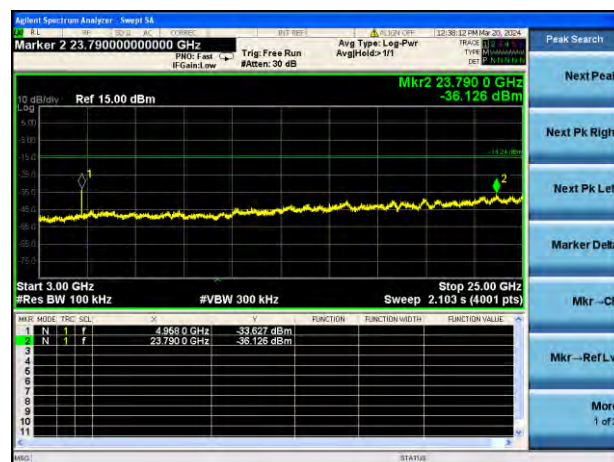
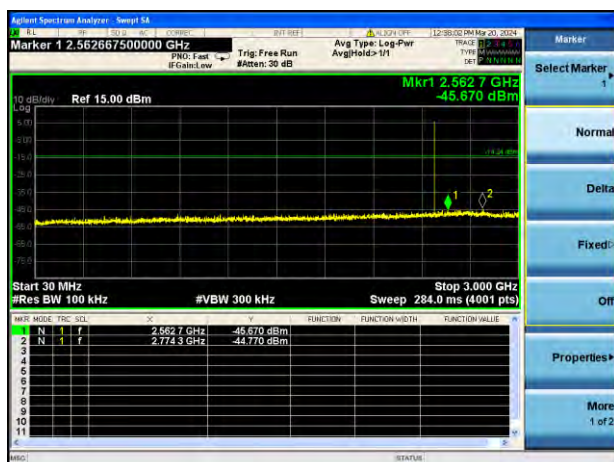
GFSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



GFSK HIGH CHANNEL, BAND EDGE



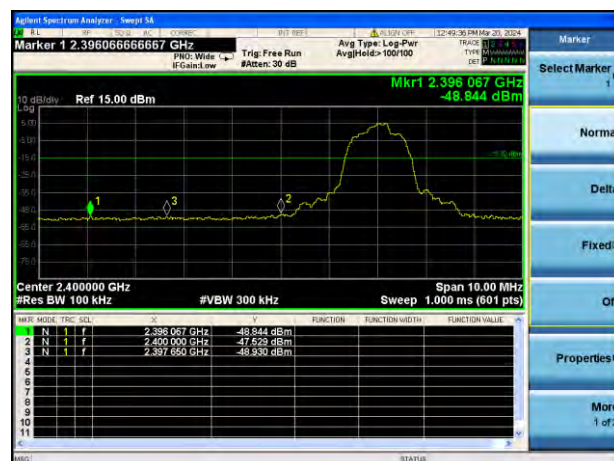
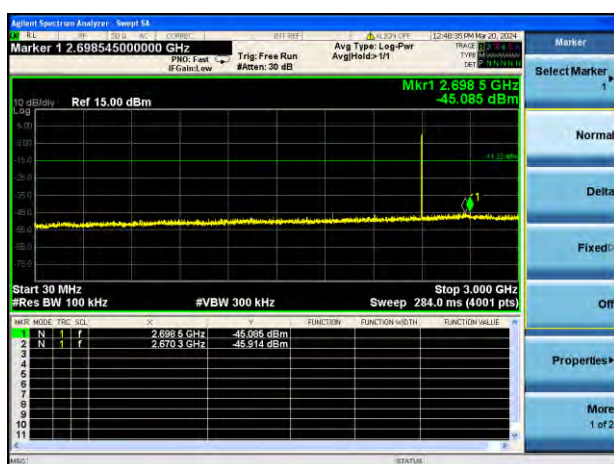
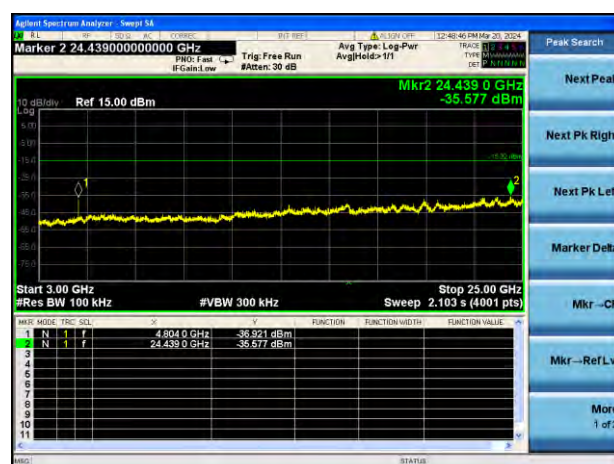
GFSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL



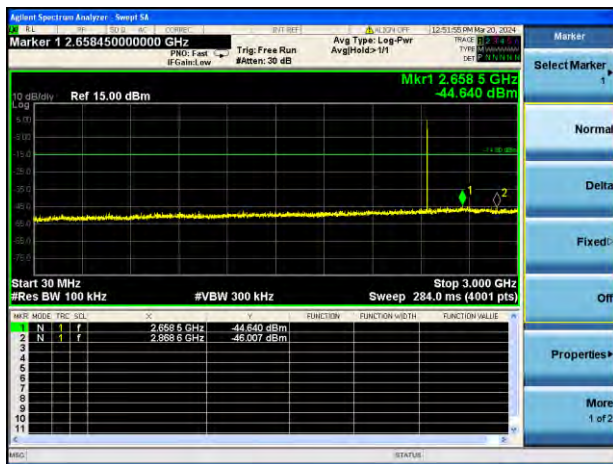
8-DPSK LOW CHANNEL, BAND EDGE

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

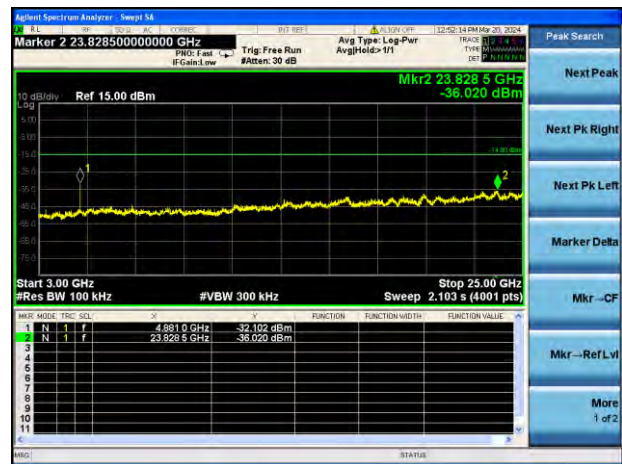
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



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



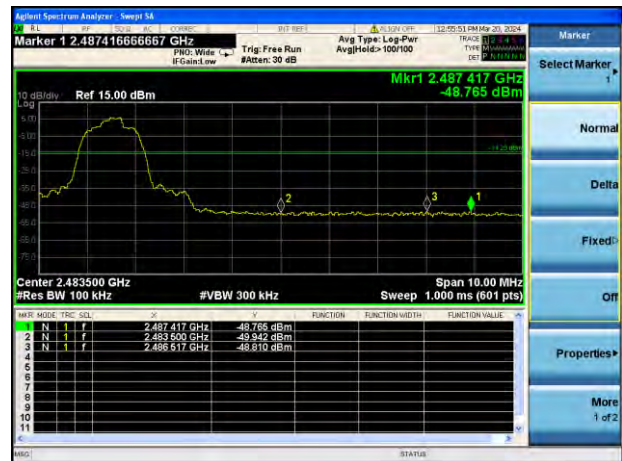
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



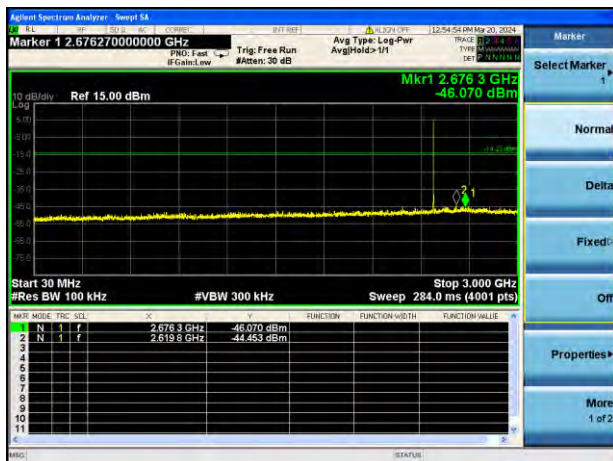
8-DPSK HIGH CHANNEL, CARRIER LEVEL



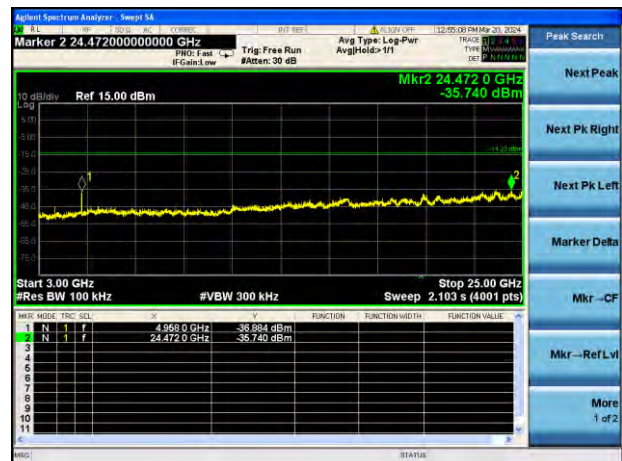
8-DPSK HIGH CHANNEL, BAND EDGE



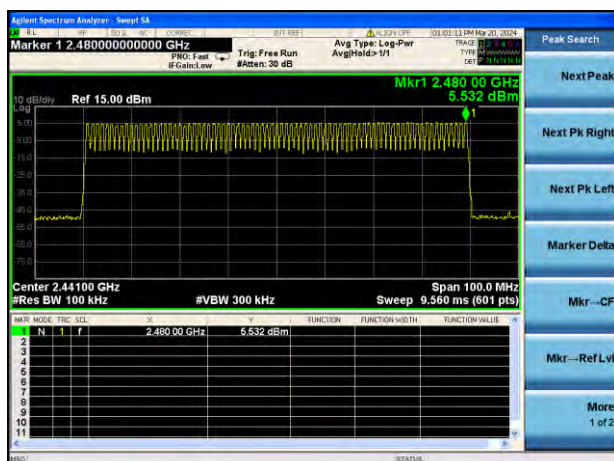
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



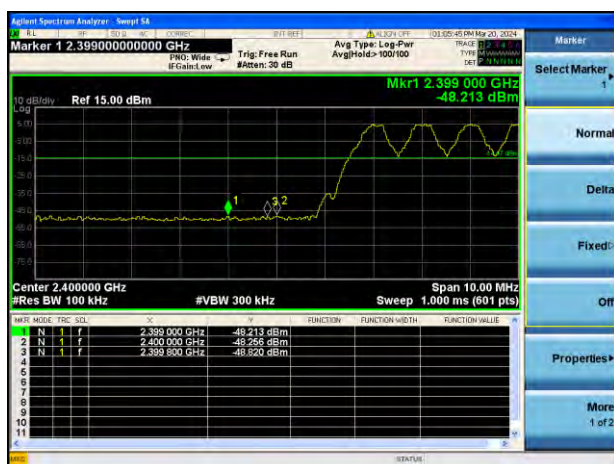
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



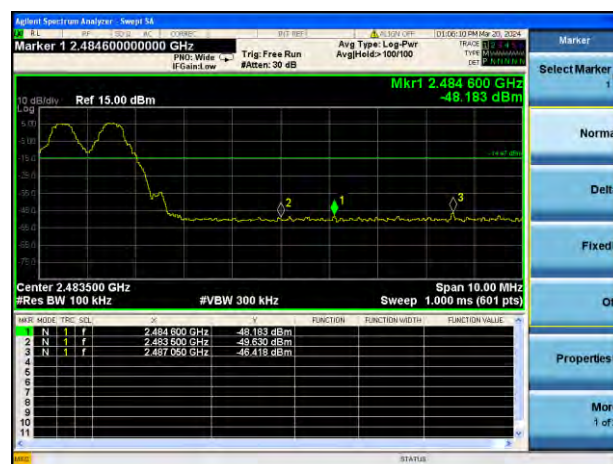
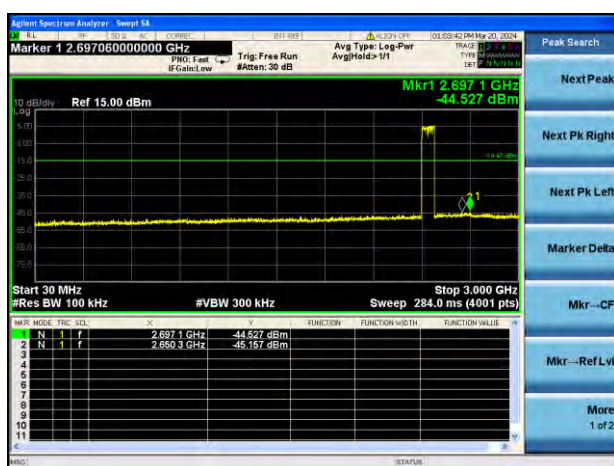
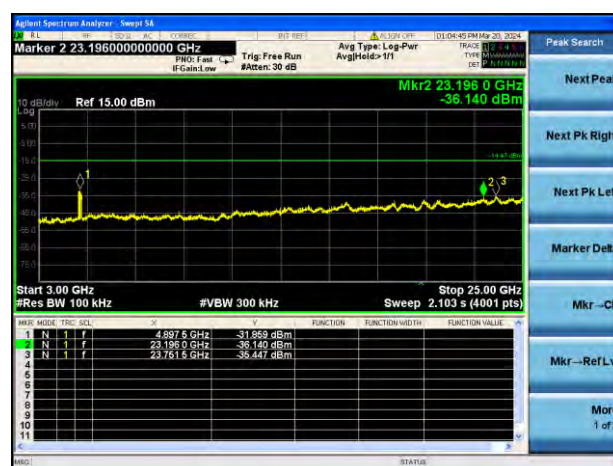
GFSK HOPPING, CARRIER LEVEL



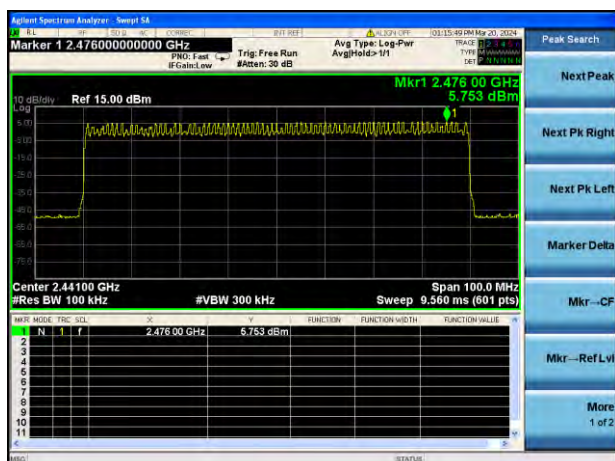
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

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

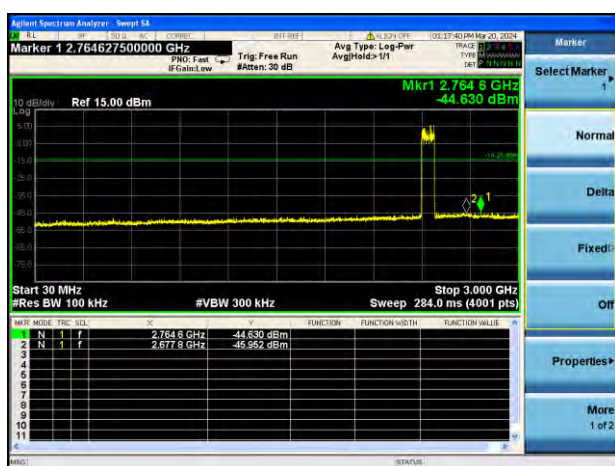
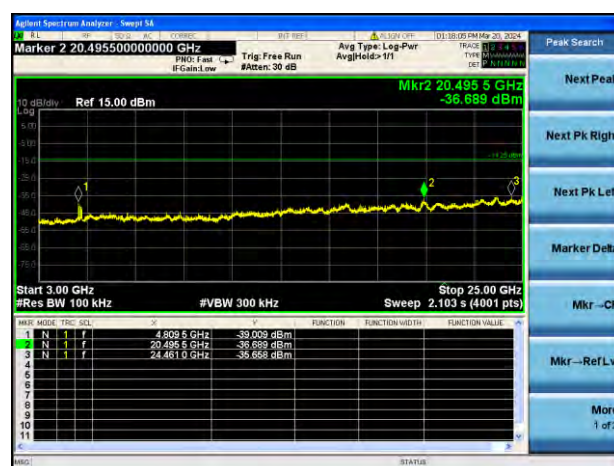
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

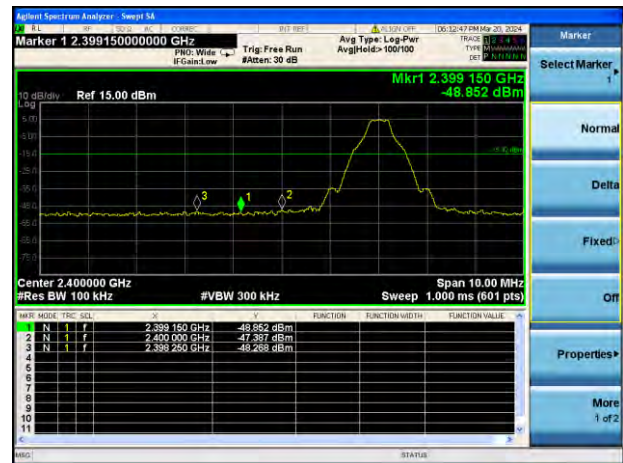
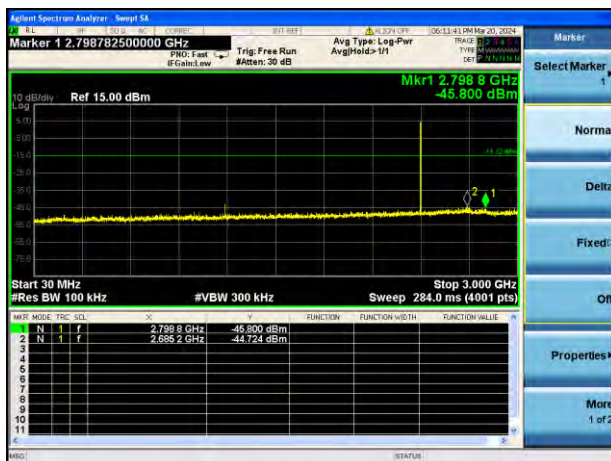
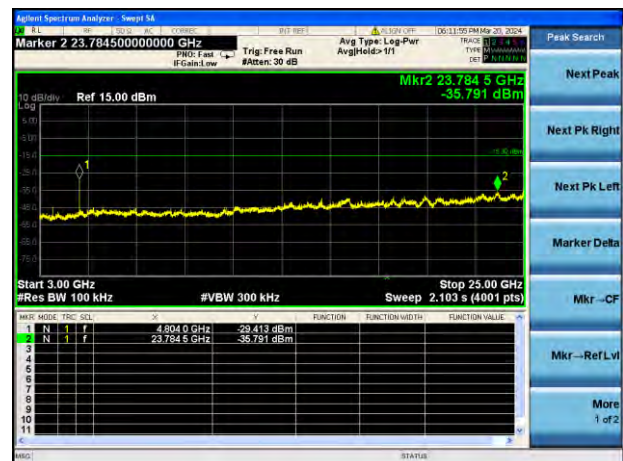
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

Right Earphone:

GFSK LOW CHANNEL, CARRIER LEVEL



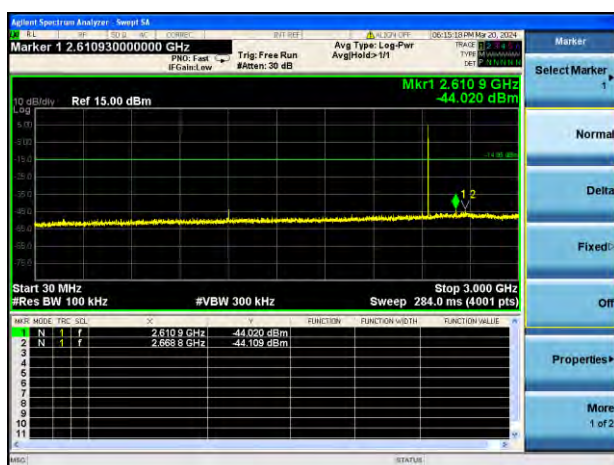
GFSK LOW CHANNEL, BAND EDGE

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

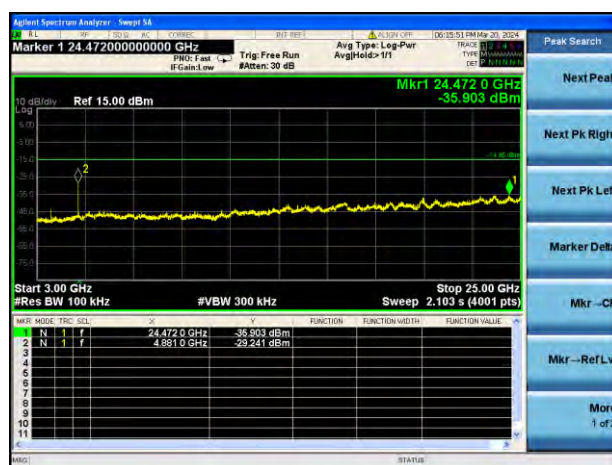
GFSK MIDDLE CHANNEL, CARRIER LEVEL



GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



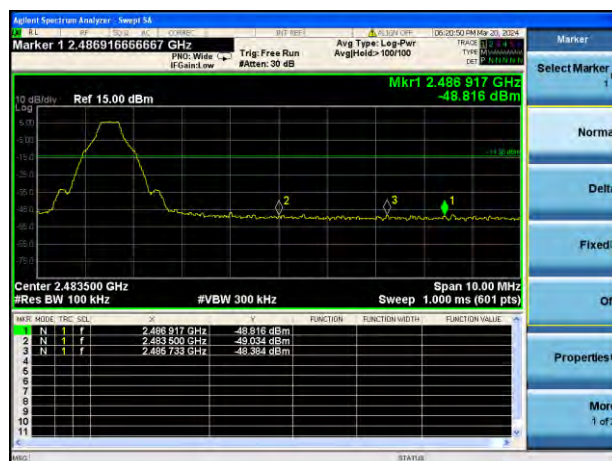
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



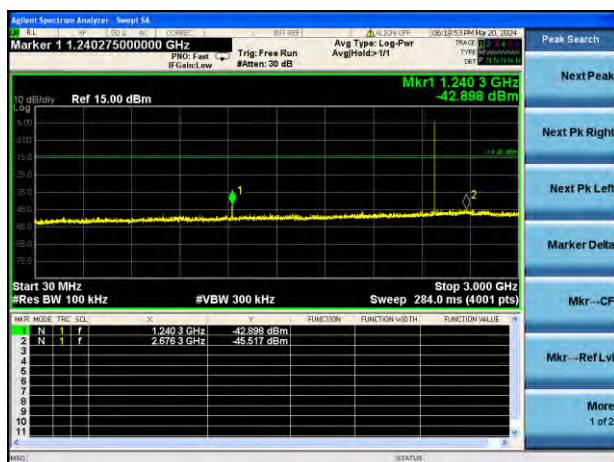
GFSK HIGH CHANNEL, CARRIER LEVEL



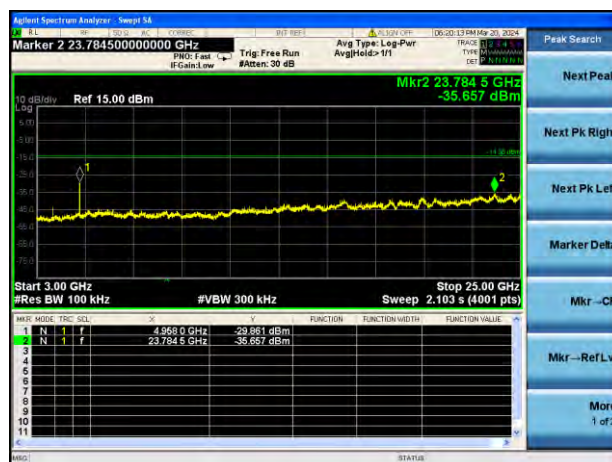
GFSK HIGH CHANNEL, BAND EDGE



GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



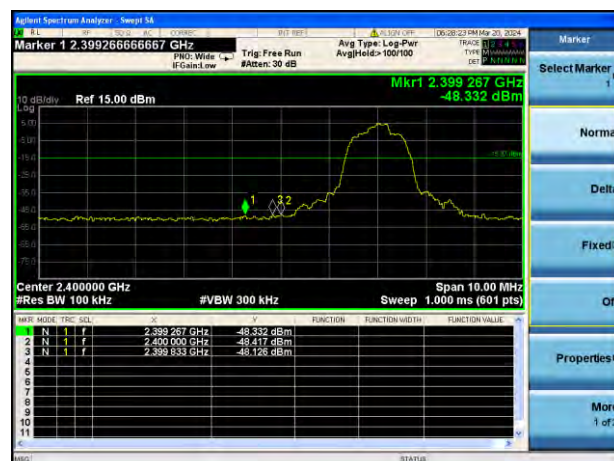
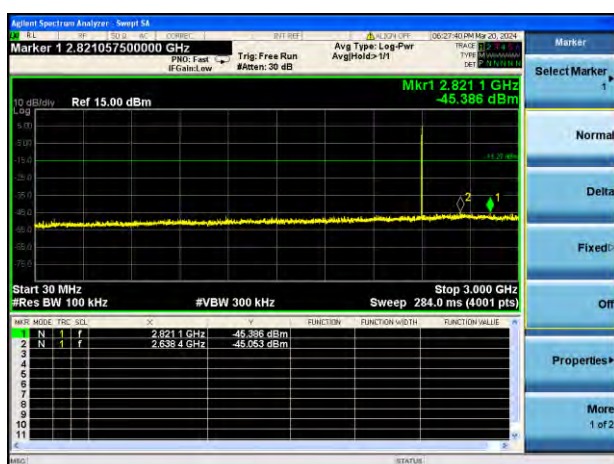
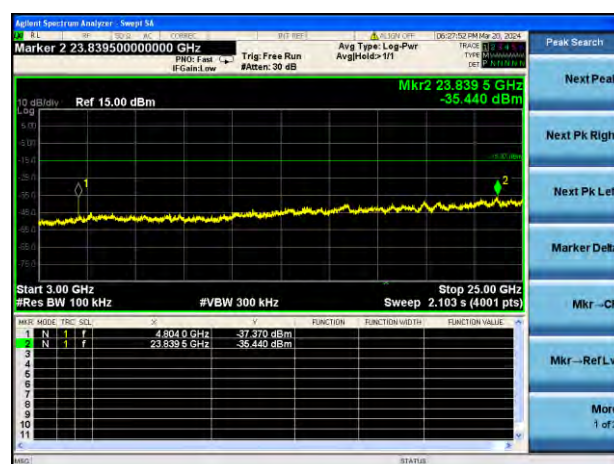
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL



8-DPSK LOW CHANNEL, BAND EDGE

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

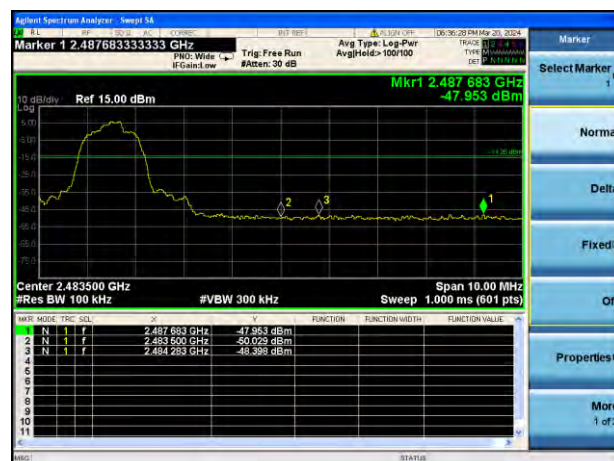
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



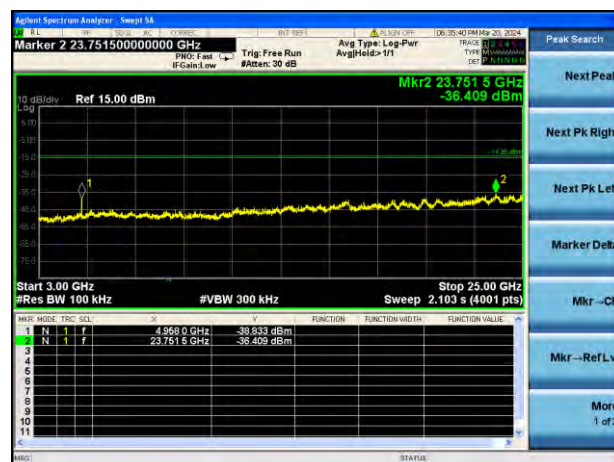
8-DPSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



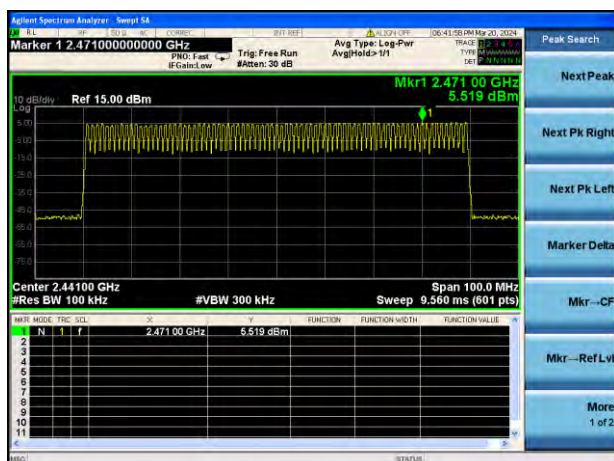
8-DPSK HIGH CHANNEL, BAND EDGE



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



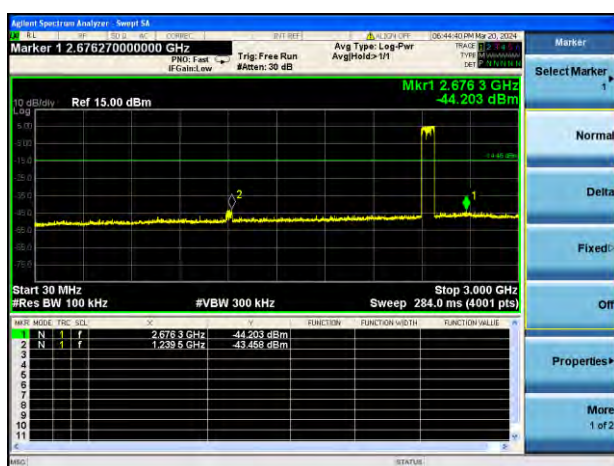
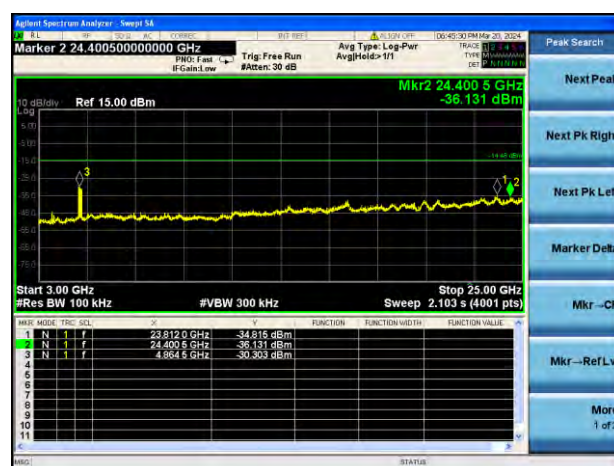
GFSK HOPPING, CARRIER LEVEL



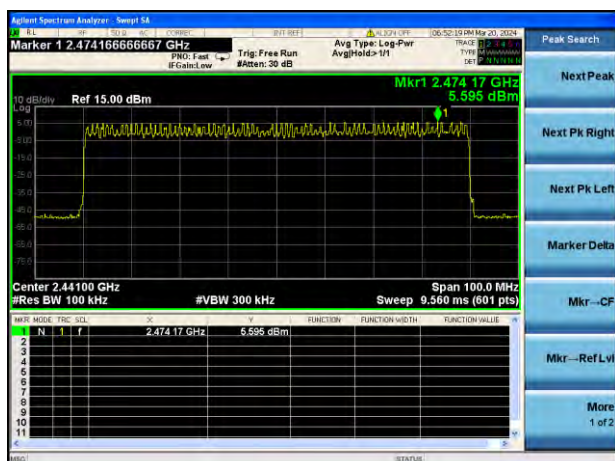
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

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

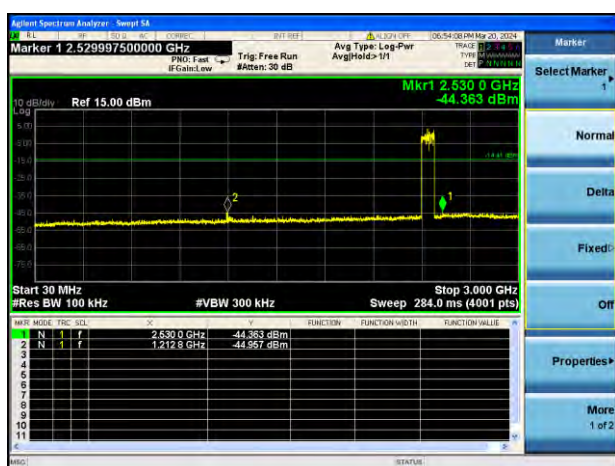
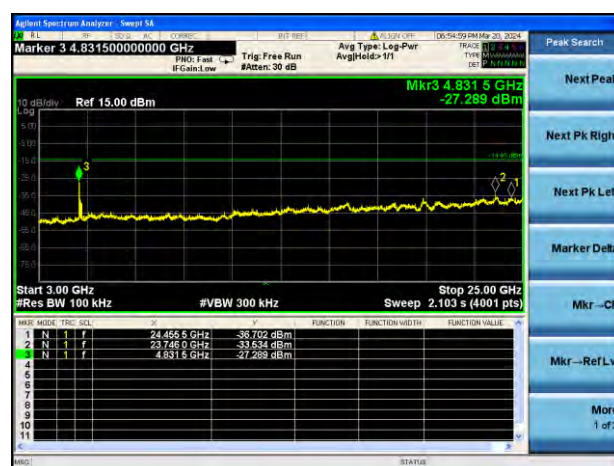
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

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

A.7 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

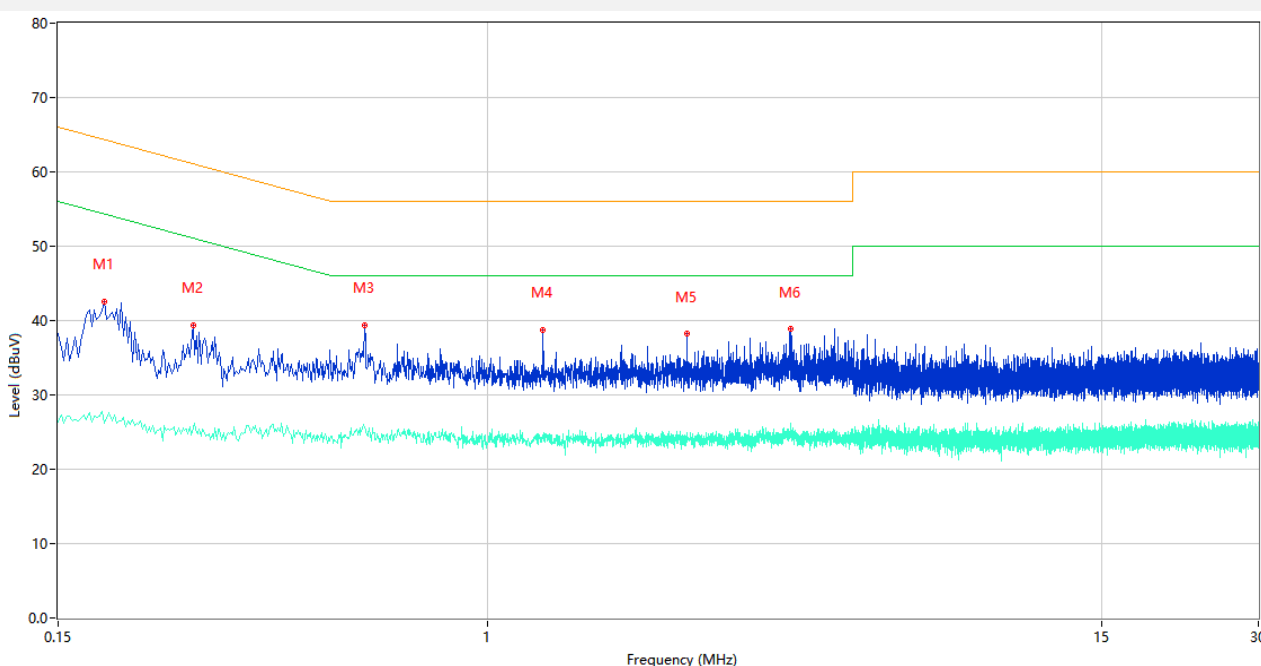
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

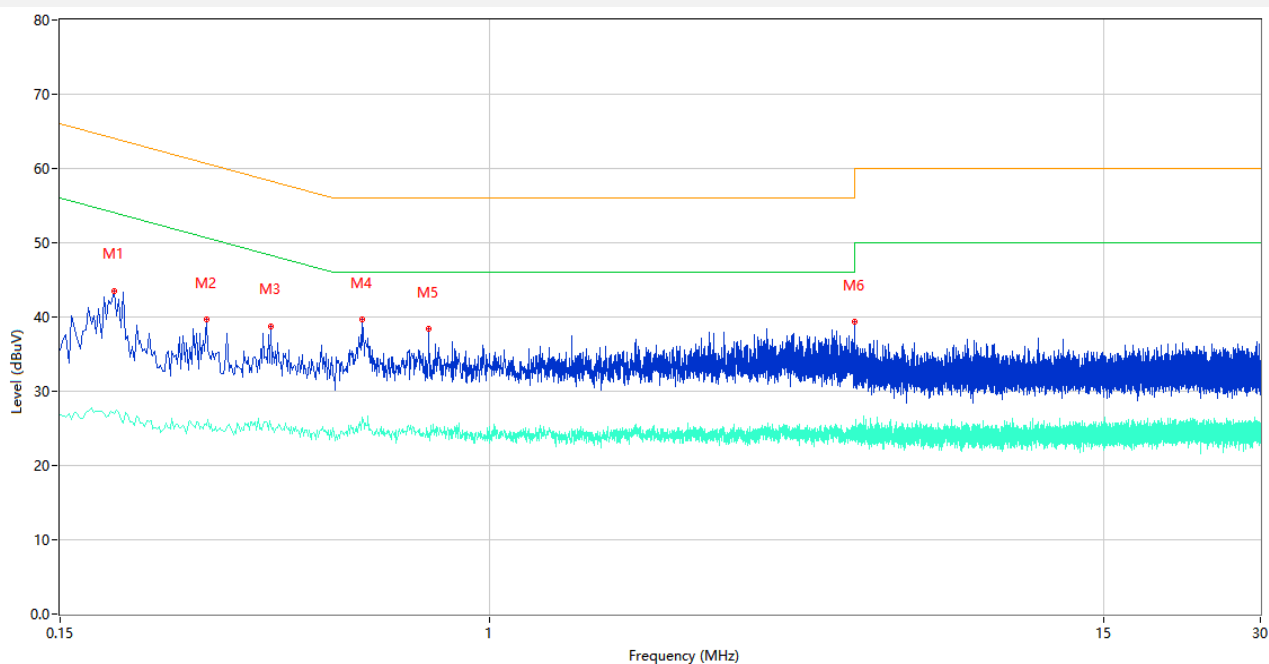
Left Earphone:

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	42.59	9.78	64.30	21.71	Peak	L	Pass
1**	0.184	26.11	9.78	54.30	28.19	AV	L	Pass
2	0.272	39.40	9.76	61.06	21.66	Peak	L	Pass
2**	0.272	25.52	9.76	51.06	25.54	AV	L	Pass
3	0.580	39.38	10.11	56.00	16.62	Peak	L	Pass
3**	0.580	25.78	10.11	46.00	20.22	AV	L	Pass
4	1.276	38.78	10.48	56.00	17.22	Peak	L	Pass
4**	1.276	24.64	10.48	46.00	21.36	AV	L	Pass
5	2.412	38.22	10.27	56.00	17.78	Peak	L	Pass
5**	2.412	24.71	10.27	46.00	21.29	AV	L	Pass
6	3.814	38.84	10.32	56.00	17.16	Peak	L	Pass
6**	3.814	25.28	10.32	46.00	20.72	AV	L	Pass

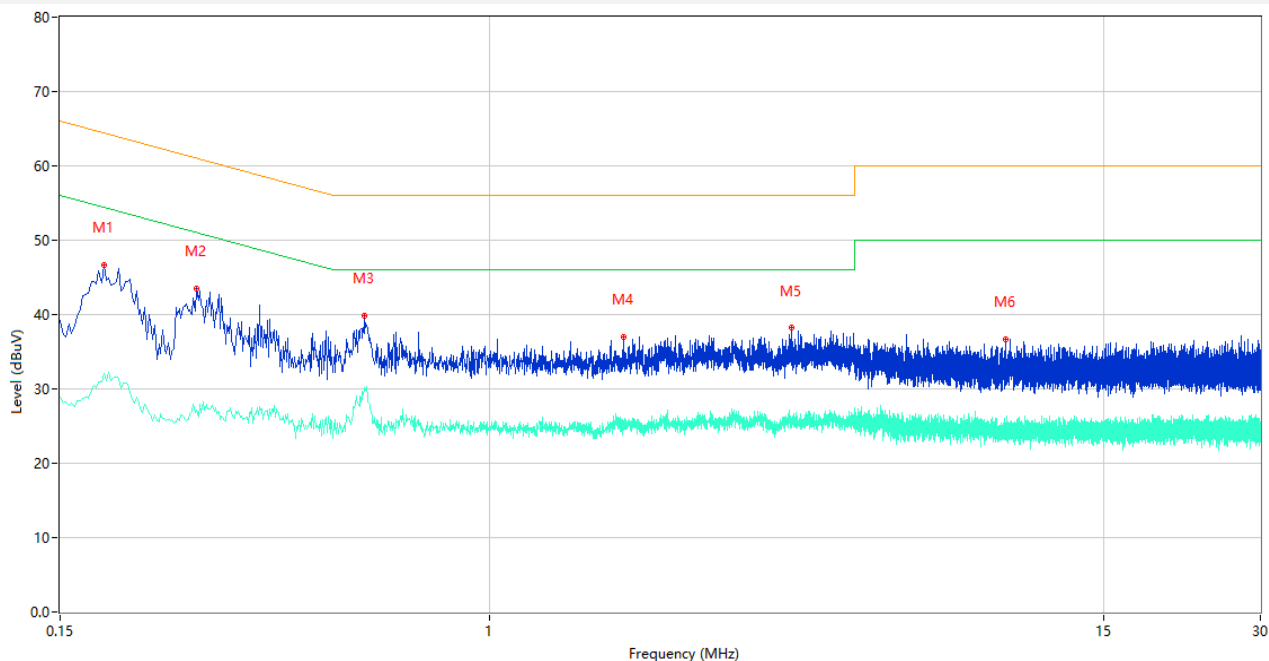
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.190	43.52	9.78	64.04	20.52	Peak	N	Pass
1**	0.190	26.94	9.78	54.04	27.10	AV	N	Pass
2	0.286	39.62	9.76	60.64	21.02	Peak	N	Pass
2**	0.286	25.41	9.76	50.64	25.23	AV	N	Pass
3	0.380	38.78	10.64	58.28	19.50	Peak	N	Pass
3**	0.380	25.47	10.64	48.28	22.81	AV	N	Pass
4	0.568	39.64	10.08	56.00	16.36	Peak	N	Pass
4**	0.568	26.46	10.08	46.00	19.54	AV	N	Pass
5	0.764	38.35	10.28	56.00	17.65	Peak	N	Pass
5**	0.764	24.26	10.28	46.00	21.74	AV	N	Pass
6	5.000	34.53	10.40	56.00	21.47	Peak	N	Pass
6**	5.000	23.90	10.40	46.00	22.10	AV	N	Pass

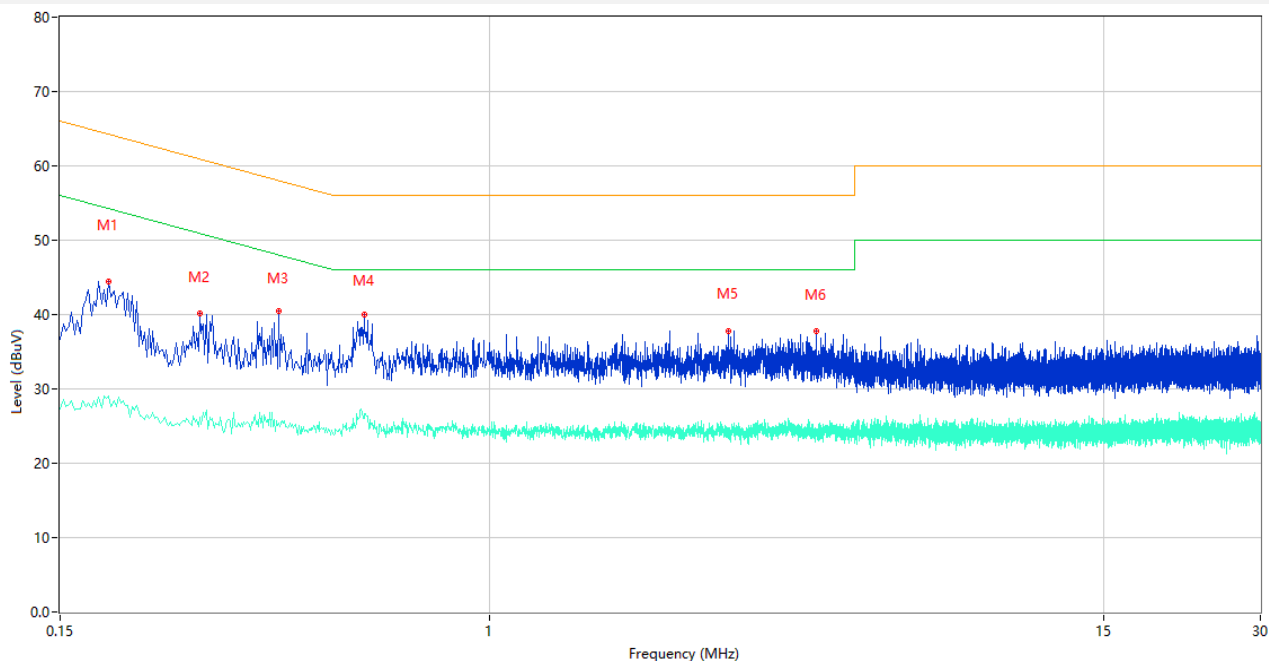
Right Earphone:

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	46.74	9.78	64.39	17.65	Peak	L	Pass
1**	0.182	32.11	9.78	54.39	22.28	AV	L	Pass
2	0.274	43.56	9.76	61.00	17.44	Peak	L	Pass
2**	0.274	27.18	9.76	51.00	23.82	AV	L	Pass
3	0.576	39.91	10.10	56.00	16.09	Peak	L	Pass
3**	0.576	30.21	10.10	46.00	15.79	AV	L	Pass
4	1.804	37.05	10.18	56.00	18.95	Peak	L	Pass
4**	1.804	25.57	10.18	46.00	20.43	AV	L	Pass
5	3.796	38.19	10.34	56.00	17.81	Peak	L	Pass
5**	3.796	25.18	10.34	46.00	20.82	AV	L	Pass
6	9.768	36.67	10.32	60.00	23.33	Peak	L	Pass
6**	9.768	25.07	10.32	50.00	24.93	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.186	44.43	9.78	64.21	19.78	Peak	N	Pass
1**	0.186	29.06	9.78	54.21	25.15	AV	N	Pass
2	0.278	40.10	9.76	60.88	20.78	Peak	N	Pass
2**	0.278	26.18	9.76	50.88	24.70	AV	N	Pass
3	0.394	40.43	10.58	57.98	17.55	Peak	N	Pass
3**	0.394	25.35	10.58	47.98	22.63	AV	N	Pass
4	0.574	40.03	10.09	56.00	15.97	Peak	N	Pass
4**	0.574	26.11	10.09	46.00	19.89	AV	N	Pass
5	2.862	37.81	9.83	56.00	18.19	Peak	N	Pass
5**	2.862	24.71	9.83	46.00	21.29	AV	N	Pass
6	4.218	37.78	10.00	56.00	18.22	Peak	N	Pass
6**	4.218	24.41	10.00	46.00	21.59	AV	N	Pass

A.8 Radiated Spurious Emission

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

Note ²: For the test data above 1 GHz, according the ANSI C63.10-2013, 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 is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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

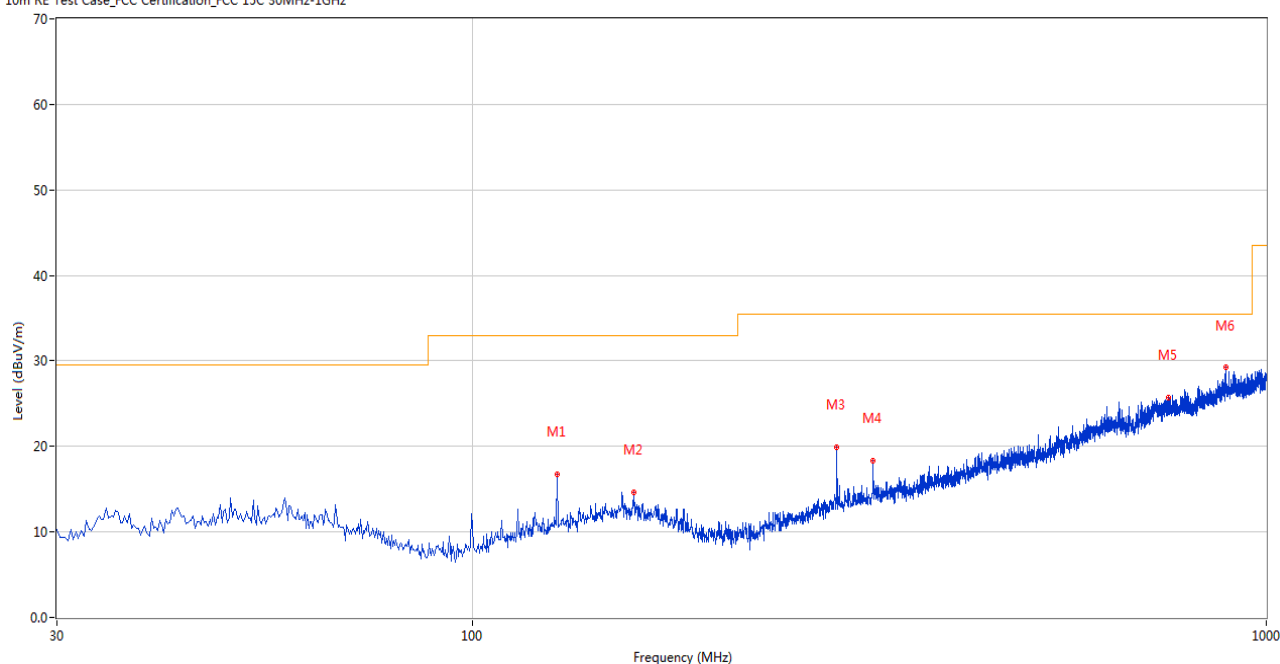
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

Left Earphone:

30 MHz to 1 GHz, ANT H

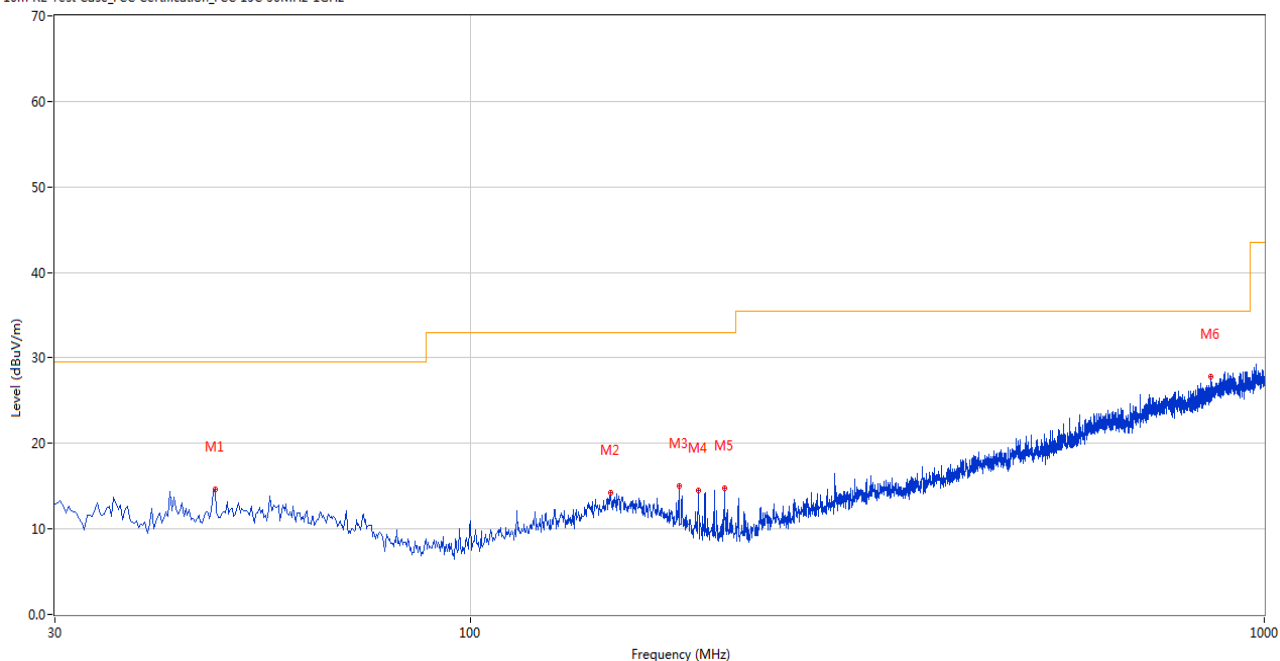
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	127.946	16.69	-27.49	33.0	16.31	Peak	198.00	100	Horizontal	Pass
2	159.948	14.62	-25.84	33.0	18.38	Peak	44.00	200	Horizontal	Pass
3	287.956	19.91	-25.01	35.5	15.59	Peak	211.00	200	Horizontal	Pass
4	319.958	18.34	-24.11	35.5	17.16	Peak	0.00	200	Horizontal	Pass
5	752.712	25.76	-13.11	35.5	9.74	Peak	0.00	200	Horizontal	Pass
6	890.417	29.21	-10.67	35.5	6.29	Peak	0.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

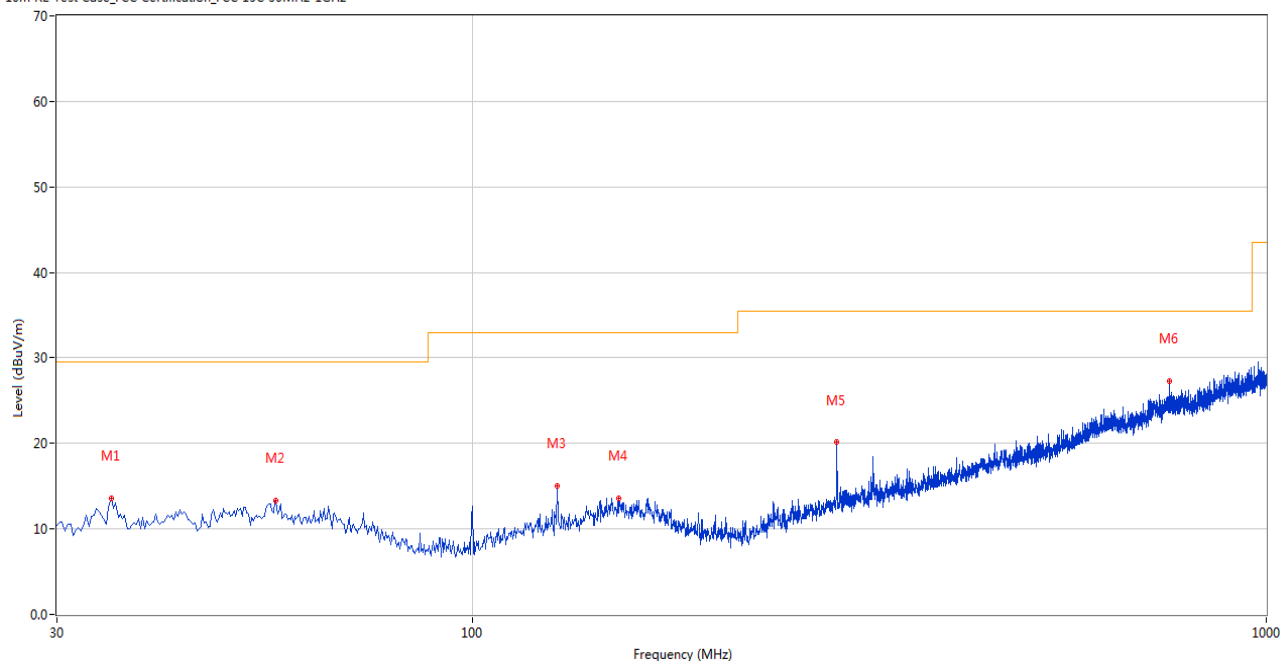
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.698	14.65	-26.25	29.5	14.85	Peak	59.00	200	Vertical	Pass
2	150.250	14.28	-25.79	33.0	18.72	Peak	50.00	200	Vertical	Pass
3	183.222	14.98	-27.55	33.0	18.02	Peak	195.00	200	Vertical	Pass
4	193.889	14.50	-28.76	33.0	18.50	Peak	0.00	200	Vertical	Pass
5	209.163	14.71	-28.98	33.0	18.29	Peak	225.00	100	Vertical	Pass
6	857.446	27.88	-12.12	35.5	7.62	Peak	0.00	200	Vertical	Pass

Right Earphone:**30 MHz to 1 GHz, ANT H**

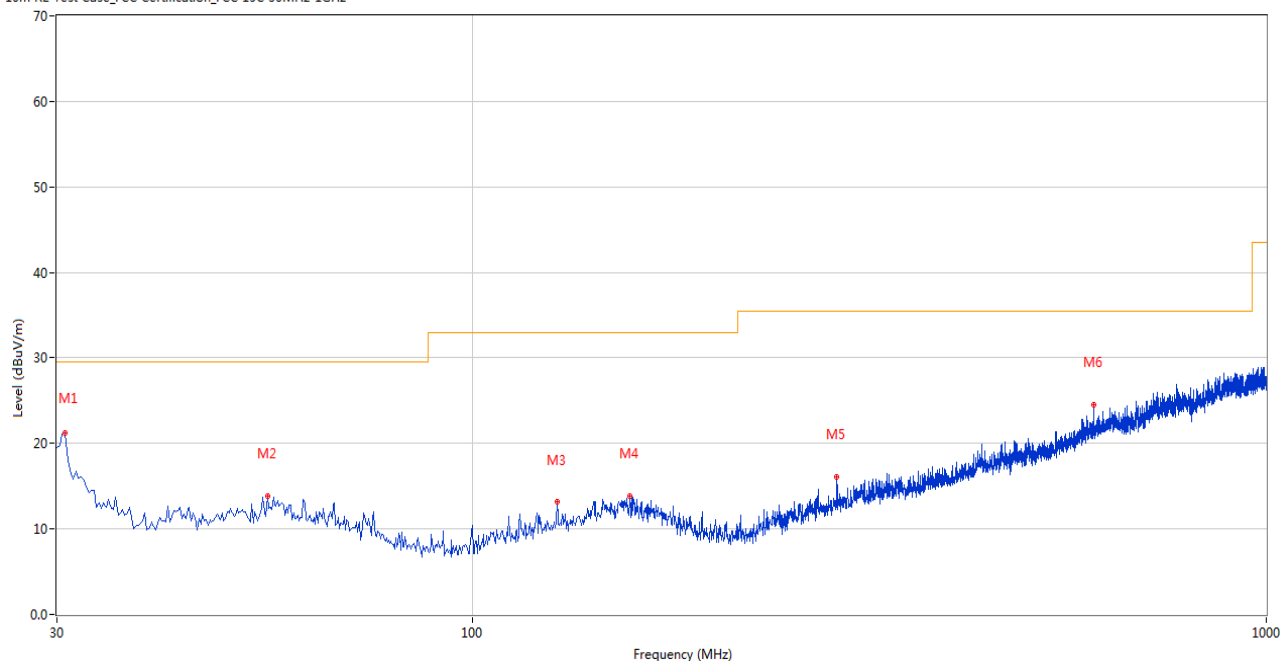
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.091	13.62	-26.71	29.5	15.88	Peak	0.00	200	Horizontal	Pass
2	56.668	13.34	-26.22	29.5	16.16	Peak	58.00	200	Horizontal	Pass
3	127.946	15.09	-27.49	33.0	17.91	Peak	199.00	200	Horizontal	Pass
4	153.159	13.61	-25.58	33.0	19.39	Peak	0.00	200	Horizontal	Pass
5	287.956	20.11	-25.01	35.5	15.39	Peak	242.00	200	Horizontal	Pass
6	755.864	27.32	-13.05	35.5	8.18	Peak	253.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.727	21.29	-28.02	29.5	8.21	Peak	182.00	200	Vertical	Pass
2	55.214	13.91	-26.15	29.5	15.59	Peak	360.00	200	Vertical	Pass
3	127.946	13.12	-27.49	33.0	19.88	Peak	340.00	200	Vertical	Pass
4	158.008	13.85	-25.87	33.0	19.15	Peak	221.00	100	Vertical	Pass
5	287.956	16.13	-25.01	35.5	19.37	Peak	248.00	100	Vertical	Pass
6	605.794	24.49	-16.49	35.5	11.01	Peak	188.00	100	Vertical	Pass

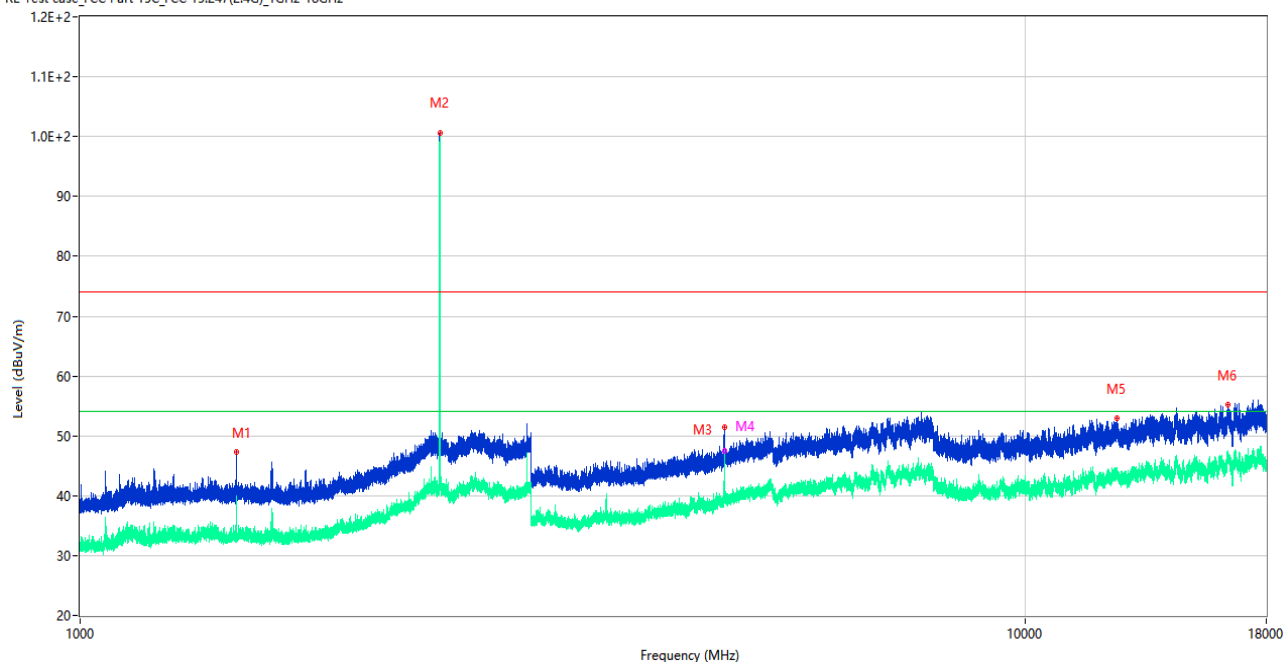
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

Left Earphone:

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

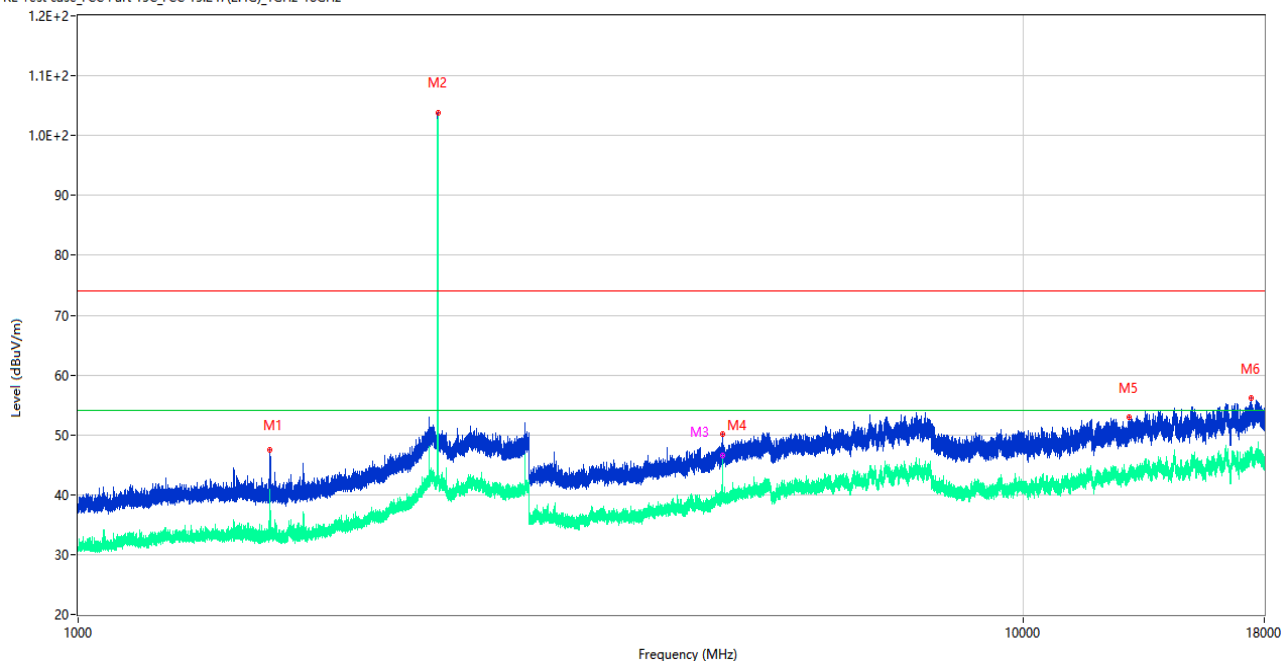
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.000	47.37	-17.08	74.0	26.63	Peak	274.00	400	Horizontal	Pass
1**	1465.000	33.08	-17.08	54.0	20.92	AV	274.00	400	Horizontal	Pass
2	2402.100	100.63	-10.60	74.0	-26.63	Peak	183.00	100	Horizontal	N/A
2**	2402.100	100.22	-10.60	54.0	-46.22	AV	183.00	100	Horizontal	N/A
3	4804.000	51.47	-3.32	74.0	22.53	Peak	91.00	150	Horizontal	Pass
3**	4804.000	47.50	-3.32	54.0	6.50	AV	91.00	150	Horizontal	Pass
4	4804.500	49.78	-3.20	74.0	24.22	Peak	114.00	150	Horizontal	Pass
4**	4804.500	47.52	-3.20	54.0	6.48	AV	114.00	150	Horizontal	Pass
5	12511.075	52.91	1.37	74.0	21.09	Peak	341.00	300	Horizontal	Pass
5**	12511.075	44.13	1.37	54.0	9.87	AV	341.00	300	Horizontal	Pass
6	16415.025	55.13	2.97	74.0	18.87	Peak	46.00	100	Horizontal	Pass
6**	16415.025	47.28	2.97	54.0	6.72	AV	46.00	100	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

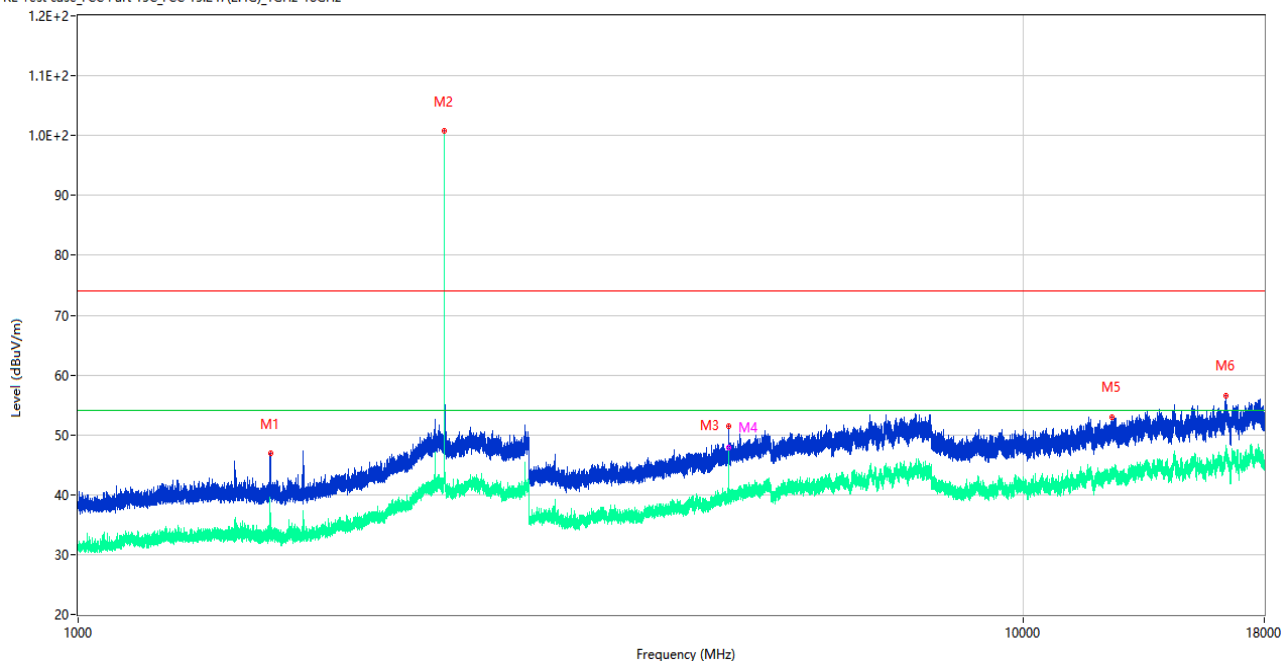
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.400	47.45	-17.07	74.0	26.55	Peak	315.00	200	Vertical	Pass
1**	1595.400	35.39	-17.07	54.0	18.61	AV	315.00	200	Vertical	Pass
2	2402.100	103.82	-10.60	74.0	-29.82	Peak	159.00	150	Vertical	N/A
2**	2402.100	103.43	-10.60	54.0	-49.43	AV	159.00	150	Vertical	N/A
3	4804.000	49.93	-3.32	74.0	24.07	Peak	87.00	150	Vertical	Pass
3**	4804.000	46.55	-3.32	54.0	7.45	AV	87.00	150	Vertical	Pass
4	4804.250	50.14	-3.21	74.0	23.86	Peak	133.00	100	Vertical	Pass
4**	4804.250	45.91	-3.21	54.0	8.09	AV	133.00	100	Vertical	Pass
5	12949.500	52.95	1.57	74.0	21.05	Peak	345.00	200	Vertical	Pass
5**	12949.500	43.76	1.57	54.0	10.24	AV	345.00	200	Vertical	Pass
6	17450.850	56.10	5.55	74.0	17.90	Peak	192.00	300	Vertical	Pass
6**	17450.850	47.41	5.55	54.0	6.59	AV	192.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

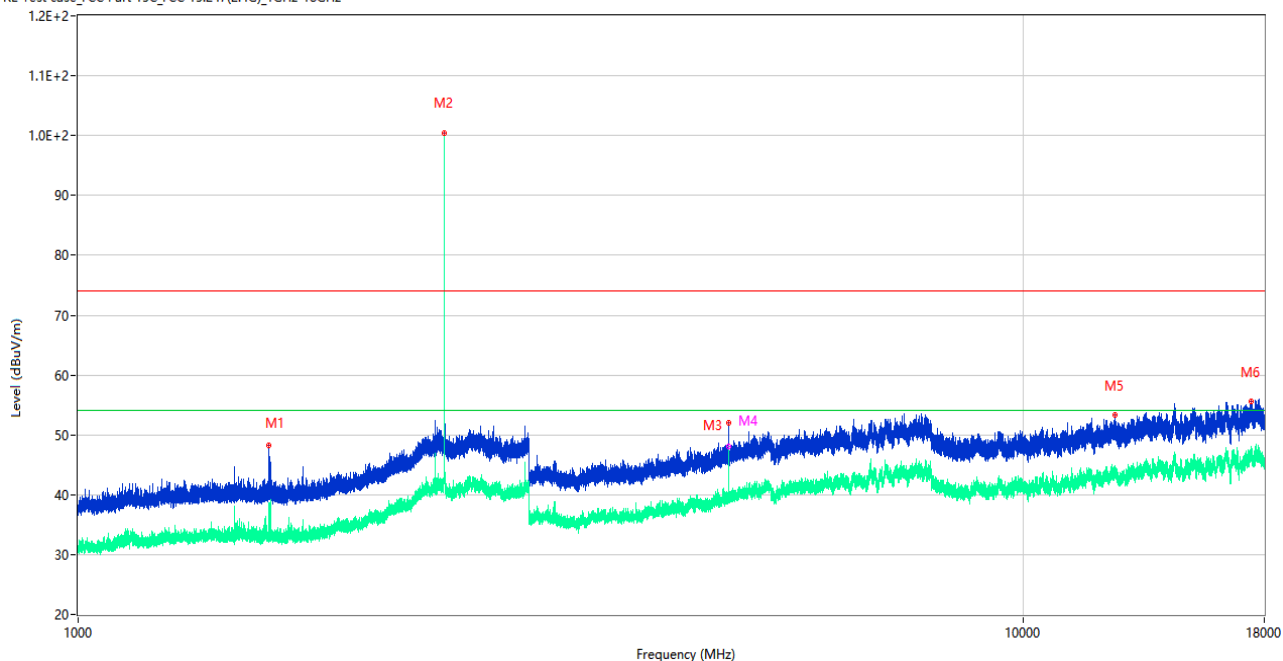
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.700	46.92	-17.12	74.0	27.08	Peak	245.00	400	Horizontal	Pass
1**	1598.700	36.80	-17.12	54.0	17.20	AV	245.00	400	Horizontal	Pass
2	2440.900	100.72	-9.79	74.0	-26.72	Peak	154.00	100	Horizontal	N/A
2**	2440.900	100.21	-9.79	54.0	-46.21	AV	154.00	100	Horizontal	N/A
3	4882.000	51.43	-3.73	74.0	22.57	Peak	138.00	100	Horizontal	Pass
3**	4882.000	47.26	-3.73	54.0	6.74	AV	138.00	100	Horizontal	Pass
4	4882.250	50.92	-3.72	74.0	23.08	Peak	337.00	100	Horizontal	Pass
4**	4882.250	47.94	-3.72	54.0	6.06	AV	337.00	100	Horizontal	Pass
5	12434.125	52.96	1.06	74.0	21.04	Peak	169.00	300	Horizontal	Pass
5**	12434.125	43.19	1.06	54.0	10.81	AV	169.00	300	Horizontal	Pass
6	16405.313	56.53	3.10	74.0	17.47	Peak	31.00	100	Horizontal	Pass
6**	16405.313	47.07	3.10	54.0	6.93	AV	31.00	100	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

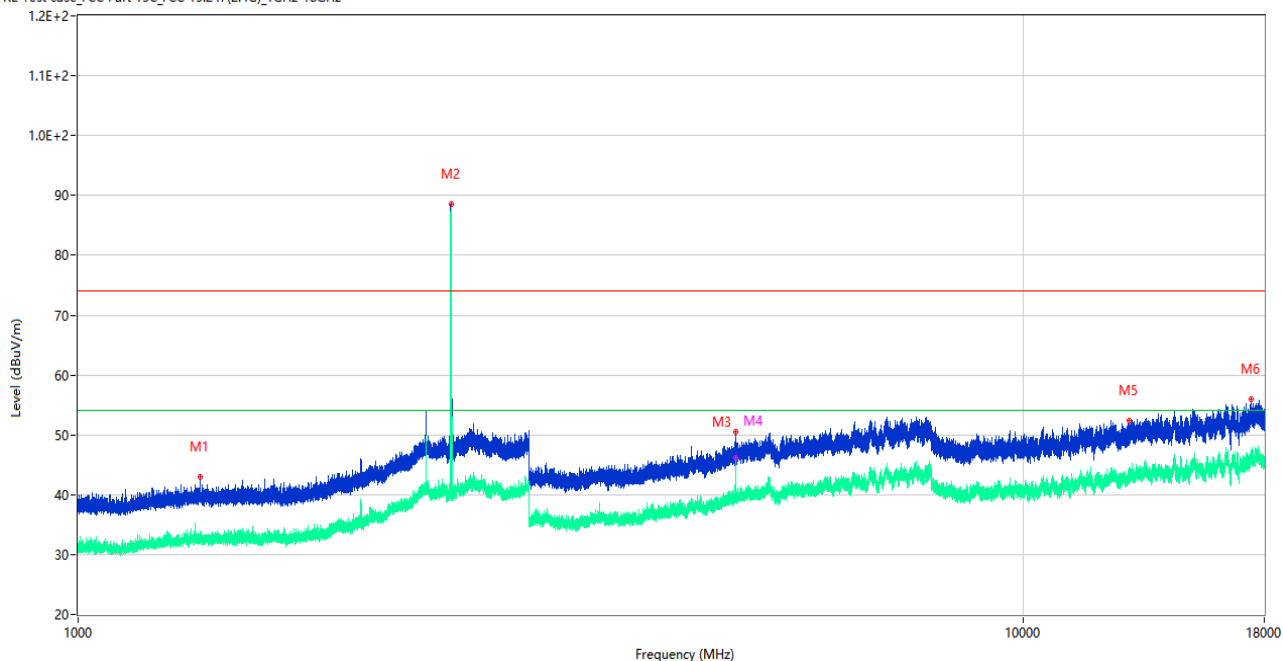
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.100	48.21	-16.97	74.0	25.79	Peak	251.00	300	Vertical	Pass
1**	1593.100	32.66	-16.97	54.0	21.34	AV	251.00	300	Vertical	Pass
2	2441.100	100.45	-9.79	74.0	-26.45	Peak	164.00	200	Vertical	N/A
2**	2441.100	100.22	-9.79	54.0	-46.22	AV	164.00	200	Vertical	N/A
3	4882.000	51.95	-3.73	74.0	22.05	Peak	322.00	100	Vertical	Pass
3**	4882.000	47.45	-3.73	54.0	6.55	AV	322.00	100	Vertical	Pass
4	4882.500	51.02	-3.69	74.0	22.98	Peak	256.00	100	Vertical	Pass
4**	4882.500	48.05	-3.69	54.0	5.95	AV	256.00	100	Vertical	Pass
5	12512.737	53.25	1.37	74.0	20.75	Peak	142.00	300	Vertical	Pass
5**	12512.737	43.82	1.37	54.0	10.18	AV	142.00	300	Vertical	Pass
6	17445.075	55.50	5.55	74.0	18.50	Peak	325.00	300	Vertical	Pass
6**	17445.075	47.46	5.55	54.0	6.54	AV	325.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

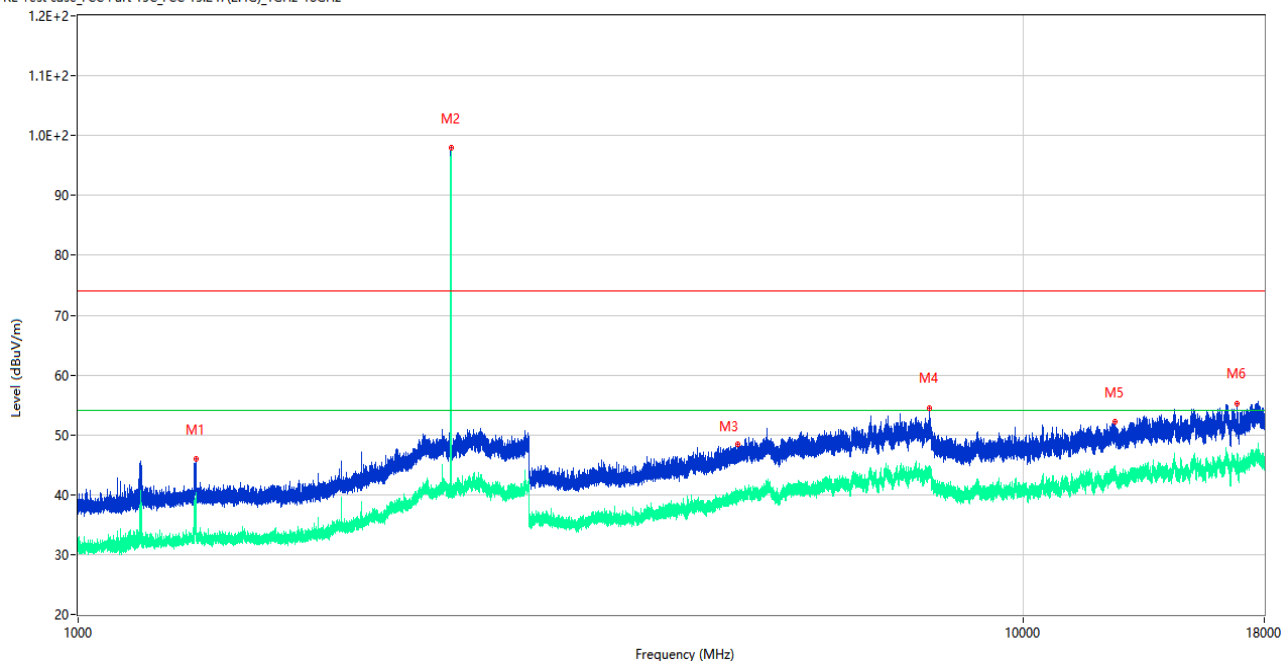
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1346.800	42.98	-16.57	74.0	31.02	Peak	308.00	400	Horizontal	Pass
1**	1346.800	32.83	-16.57	54.0	21.17	AV	308.00	400	Horizontal	Pass
2	2480.100	88.63	-11.10	74.0	-14.63	Peak	344.00	100	Horizontal	N/A
2**	2480.100	88.14	-11.10	54.0	-34.14	AV	344.00	100	Horizontal	N/A
3	4960.000	50.58	-3.53	74.0	23.42	Peak	105.00	200	Horizontal	Pass
3**	4960.000	45.32	-3.53	54.0	8.68	AV	105.00	200	Horizontal	Pass
4	4960.250	50.49	-3.64	74.0	23.51	Peak	244.00	200	Horizontal	Pass
4**	4960.250	46.12	-3.64	54.0	7.88	AV	244.00	200	Horizontal	Pass
5	12959.475	52.39	1.67	74.0	21.61	Peak	349.00	400	Horizontal	Pass
5**	12959.475	42.98	1.67	54.0	11.02	AV	349.00	400	Horizontal	Pass
6	17454.524	56.03	5.48	74.0	17.97	Peak	120.00	300	Horizontal	Pass
6**	17454.524	47.57	5.48	54.0	6.43	AV	120.00	300	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

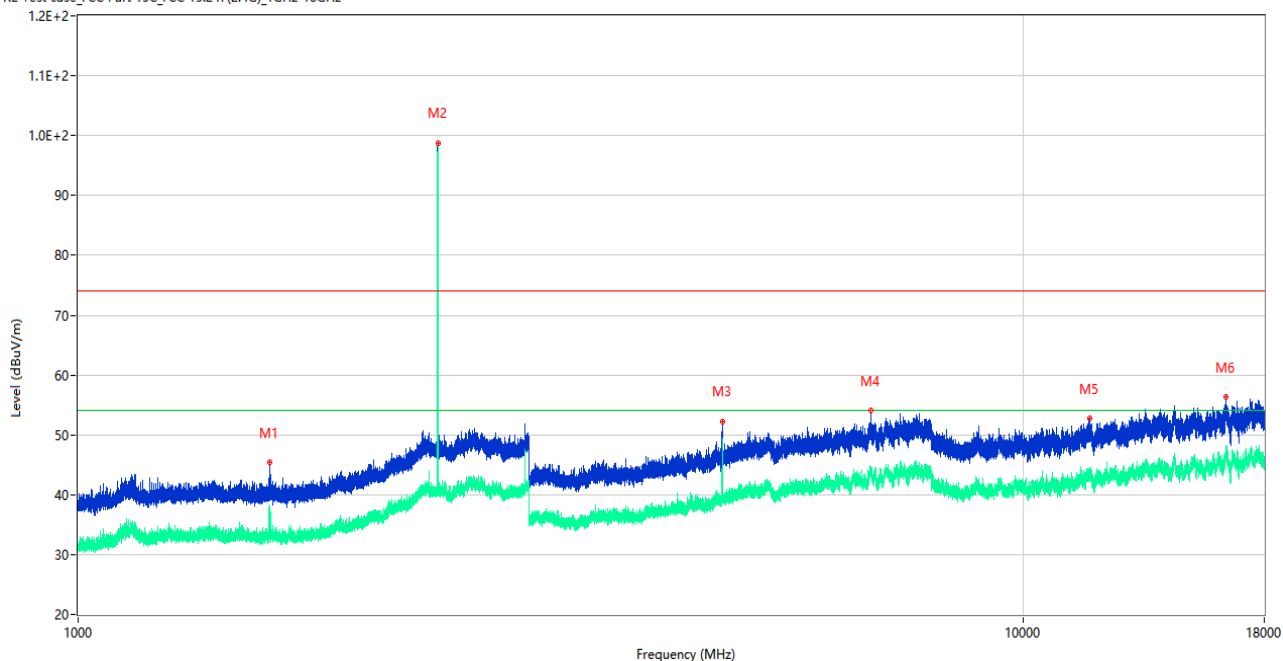
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.300	45.98	-17.10	74.0	28.02	Peak	267.00	200	Vertical	Pass
1**	1332.300	37.10	-17.10	54.0	16.90	AV	267.00	200	Vertical	Pass
2	2480.000	97.93	-11.11	74.0	-23.93	Peak	22.00	150	Vertical	N/A
2**	2480.000	97.59	-11.11	54.0	-43.59	AV	22.00	150	Vertical	N/A
3	4983.750	48.44	-3.31	74.0	25.56	Peak	1.00	100	Vertical	Pass
3**	4983.750	40.13	-3.31	54.0	13.87	AV	1.00	100	Vertical	Pass
4	7969.250	54.48	1.61	74.0	19.52	Peak	326.00	100	Vertical	Pass
4**	7969.250	43.68	1.61	54.0	10.32	AV	326.00	100	Vertical	Pass
5	12512.263	52.14	1.37	74.0	21.86	Peak	79.00	400	Vertical	Pass
5**	12512.263	42.62	1.37	54.0	11.38	AV	79.00	400	Vertical	Pass
6	16853.662	55.30	3.50	74.0	18.70	Peak	339.00	200	Vertical	Pass
6**	16853.662	45.99	3.50	54.0	8.01	AV	339.00	200	Vertical	Pass

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

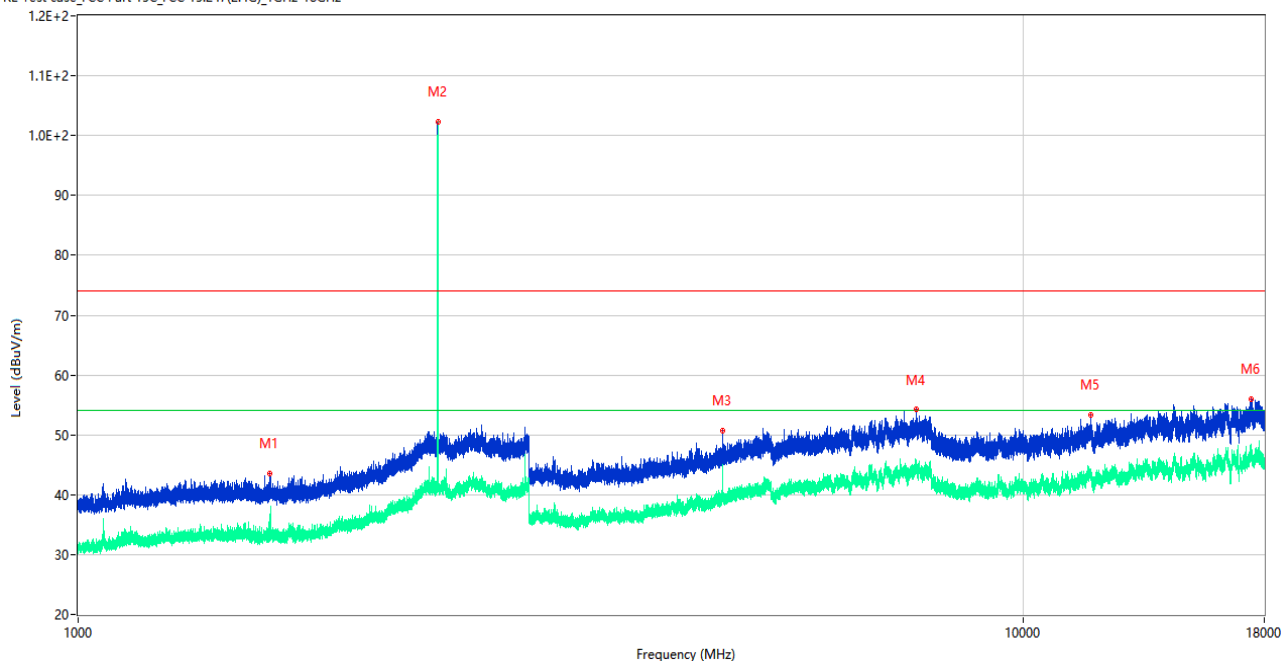
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.100	45.41	-17.25	74.0	28.59	Peak	229.00	200	Horizontal	Pass
1**	1596.100	33.41	-17.25	54.0	20.59	AV	229.00	200	Horizontal	Pass
2	2402.100	98.80	-10.60	74.0	-24.80	Peak	264.00	150	Horizontal	N/A
2**	2402.100	98.54	-10.60	54.0	-44.54	AV	264.00	150	Horizontal	N/A
3	4804.000	52.20	-3.32	74.0	21.80	Peak	341.00	200	Horizontal	Pass
3**	4804.000	49.34	-3.32	54.0	4.66	AV	341.00	200	Horizontal	Pass
4	6909.500	54.07	0.37	74.0	19.93	Peak	176.00	400	Horizontal	Pass
4**	6909.500	43.82	0.37	54.0	10.18	AV	176.00	400	Horizontal	Pass
5	11764.612	52.70	-0.18	74.0	21.30	Peak	278.00	200	Horizontal	Pass
5**	11764.612	42.92	-0.18	54.0	11.08	AV	278.00	200	Horizontal	Pass
6	16400.325	56.30	3.16	74.0	17.70	Peak	349.00	100	Horizontal	Pass
6**	16400.325	46.42	3.16	54.0	7.58	AV	349.00	100	Horizontal	Pass

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

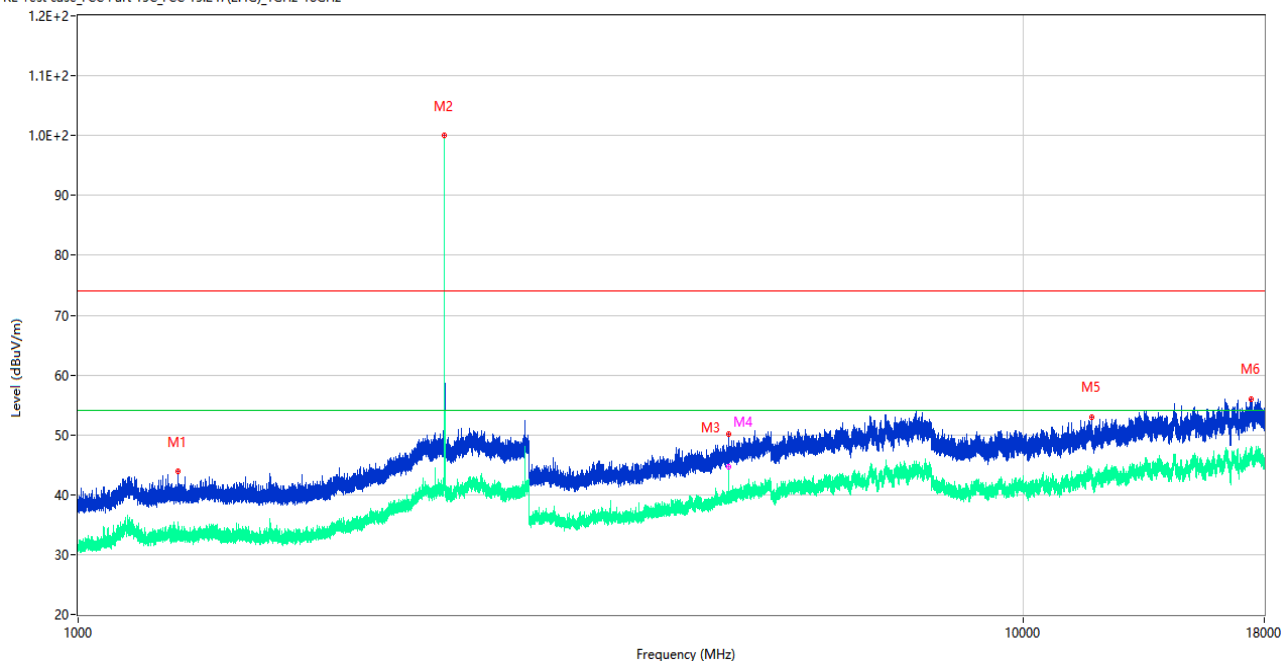
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.900	43.54	-17.06	74.0	30.46	Peak	248.00	200	Vertical	Pass
1**	1595.900	32.79	-17.06	54.0	21.21	AV	248.00	200	Vertical	Pass
2	2402.200	102.32	-10.59	74.0	-28.32	Peak	105.00	100	Vertical	N/A
2**	2402.200	102.03	-10.59	54.0	-48.03	AV	105.00	100	Vertical	N/A
3	4804.250	50.70	-3.21	74.0	23.30	Peak	80.00	150	Vertical	Pass
3**	4804.250	44.96	-3.21	54.0	9.04	AV	80.00	150	Vertical	Pass
4	7705.500	54.24	1.77	74.0	19.76	Peak	102.00	200	Vertical	Pass
4**	7705.500	45.08	1.77	54.0	8.92	AV	102.00	200	Vertical	Pass
5	11805.463	53.36	-0.21	74.0	20.64	Peak	238.00	100	Vertical	Pass
5**	11805.463	43.38	-0.21	54.0	10.62	AV	238.00	100	Vertical	Pass
6	17434.051	56.00	5.52	74.0	18.00	Peak	15.00	400	Vertical	Pass
6**	17434.051	46.54	5.52	54.0	7.46	AV	15.00	400	Vertical	Pass

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

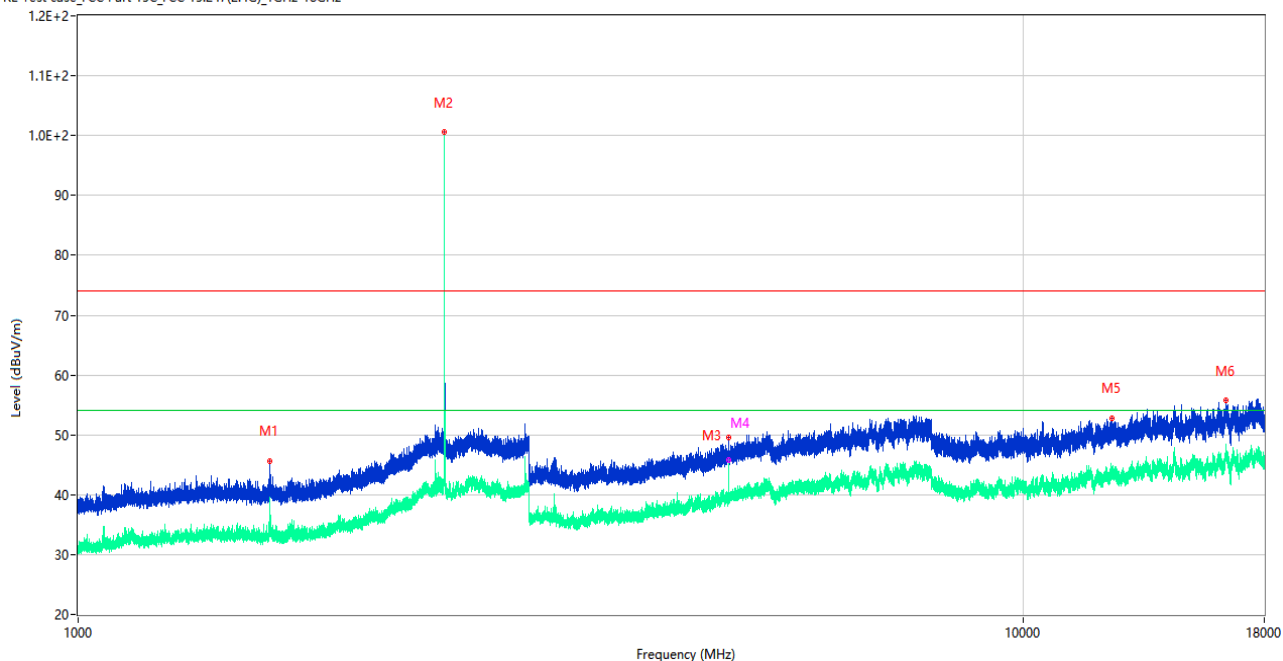
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1274.700	43.85	-17.01	74.0	30.15	Peak	156.00	200	Horizontal	Pass
1**	1274.700	33.06	-17.01	54.0	20.94	AV	156.00	200	Horizontal	Pass
2	2441.000	99.99	-9.79	74.0	-25.99	Peak	0.00	200	Horizontal	N/A
2**	2441.000	99.30	-9.79	54.0	-45.30	AV	0.00	200	Horizontal	N/A
3	4881.750	50.09	-3.72	74.0	23.91	Peak	259.00	150	Horizontal	Pass
3**	4881.750	43.41	-3.72	54.0	10.59	AV	259.00	150	Horizontal	Pass
4	4882.000	49.49	-3.73	74.0	24.51	Peak	259.00	150	Horizontal	Pass
4**	4882.000	44.59	-3.73	54.0	9.41	AV	259.00	150	Horizontal	Pass
5	11812.588	52.96	-0.29	74.0	21.04	Peak	164.00	200	Horizontal	Pass
5**	11812.588	42.88	-0.29	54.0	11.12	AV	164.00	200	Horizontal	Pass
6	17436.150	56.05	5.53	74.0	17.95	Peak	19.00	400	Horizontal	Pass
6**	17436.150	46.90	5.53	54.0	7.10	AV	19.00	400	Horizontal	Pass

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

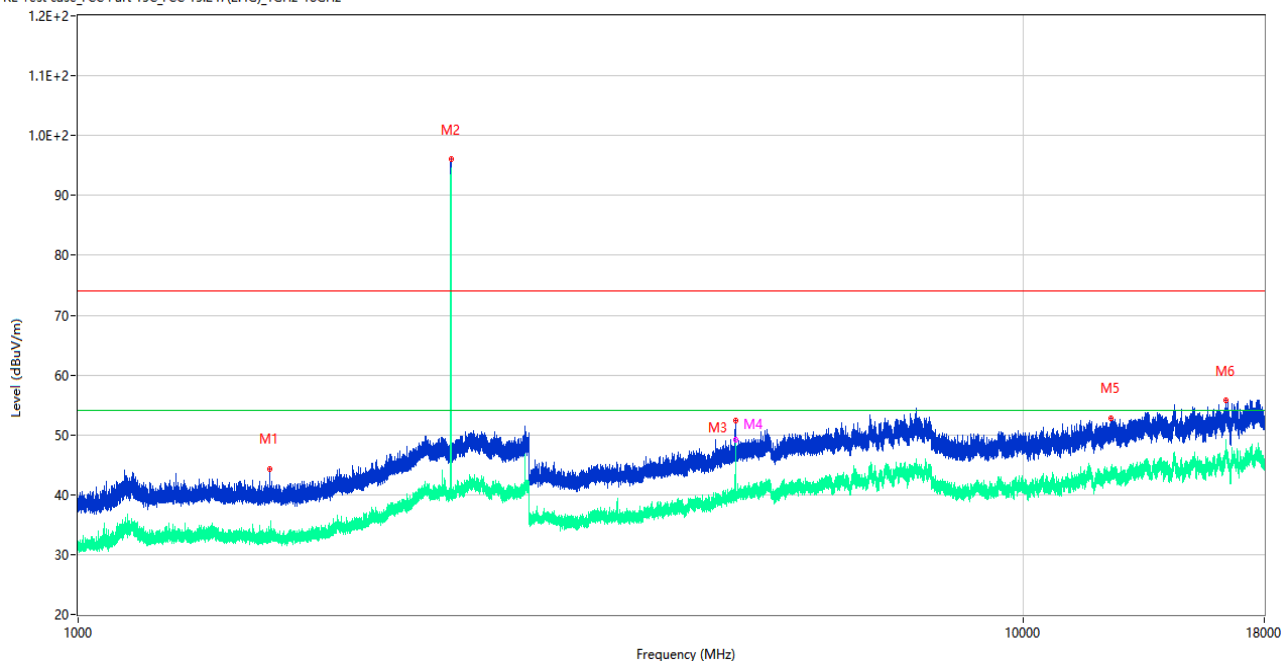
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.200	45.67	-16.94	74.0	28.33	Peak	253.00	200	Vertical	Pass
1**	1594.200	36.49	-16.94	54.0	17.51	AV	253.00	200	Vertical	Pass
2	2440.900	100.53	-9.79	74.0	-26.53	Peak	171.00	200	Vertical	N/A
2**	2440.900	99.98	-9.79	54.0	-45.98	AV	171.00	200	Vertical	N/A
3	4881.750	49.58	-3.72	74.0	24.42	Peak	199.00	150	Vertical	Pass
3**	4881.750	42.94	-3.72	54.0	11.06	AV	199.00	150	Vertical	Pass
4	4882.500	48.83	-3.69	74.0	25.17	Peak	241.00	150	Vertical	Pass
4**	4882.500	45.86	-3.69	54.0	8.14	AV	241.00	150	Vertical	Pass
5	12417.738	52.80	1.08	74.0	21.20	Peak	186.00	200	Vertical	Pass
5**	12417.738	44.63	1.08	54.0	9.37	AV	186.00	200	Vertical	Pass
6	16402.162	55.70	3.14	74.0	18.30	Peak	130.00	200	Vertical	Pass
6**	16402.162	47.35	3.14	54.0	6.65	AV	130.00	200	Vertical	Pass

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

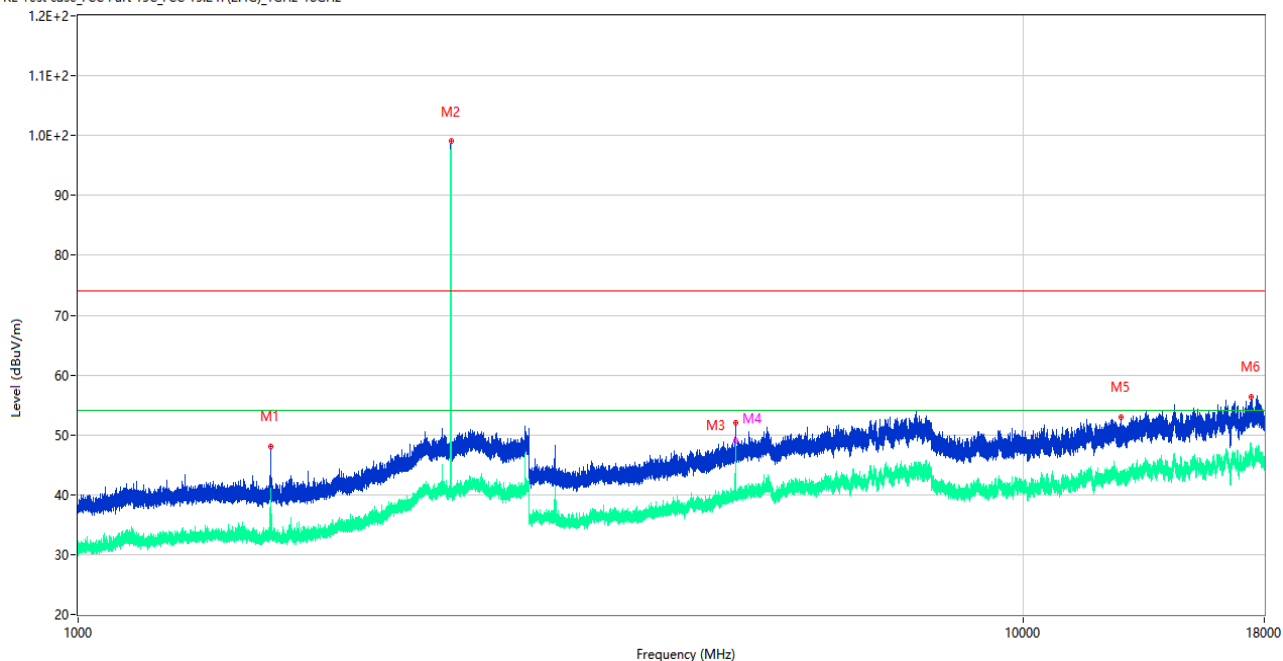
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.100	44.38	-17.04	74.0	29.62	Peak	338.00	400	Horizontal	Pass
1**	1597.100	32.43	-17.04	54.0	21.57	AV	338.00	400	Horizontal	Pass
2	2480.000	96.00	-11.11	74.0	-22.00	Peak	4.00	100	Horizontal	N/A
2**	2480.000	93.65	-11.11	54.0	-39.65	AV	4.00	100	Horizontal	N/A
3	4960.250	52.41	-3.64	74.0	21.59	Peak	80.00	100	Horizontal	Pass
3**	4960.250	47.75	-3.64	54.0	6.25	AV	80.00	100	Horizontal	Pass
4	4960.500	51.02	-3.57	74.0	22.98	Peak	80.00	100	Horizontal	Pass
4**	4960.500	49.21	-3.57	54.0	4.79	AV	80.00	100	Horizontal	Pass
5	12402.537	52.78	1.10	74.0	21.22	Peak	186.00	300	Horizontal	Pass
5**	12402.537	44.24	1.10	54.0	9.76	AV	186.00	300	Horizontal	Pass
6	16396.650	55.70	3.04	74.0	18.30	Peak	136.00	400	Horizontal	Pass
6**	16396.650	47.99	3.04	54.0	6.01	AV	136.00	400	Horizontal	Pass

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

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

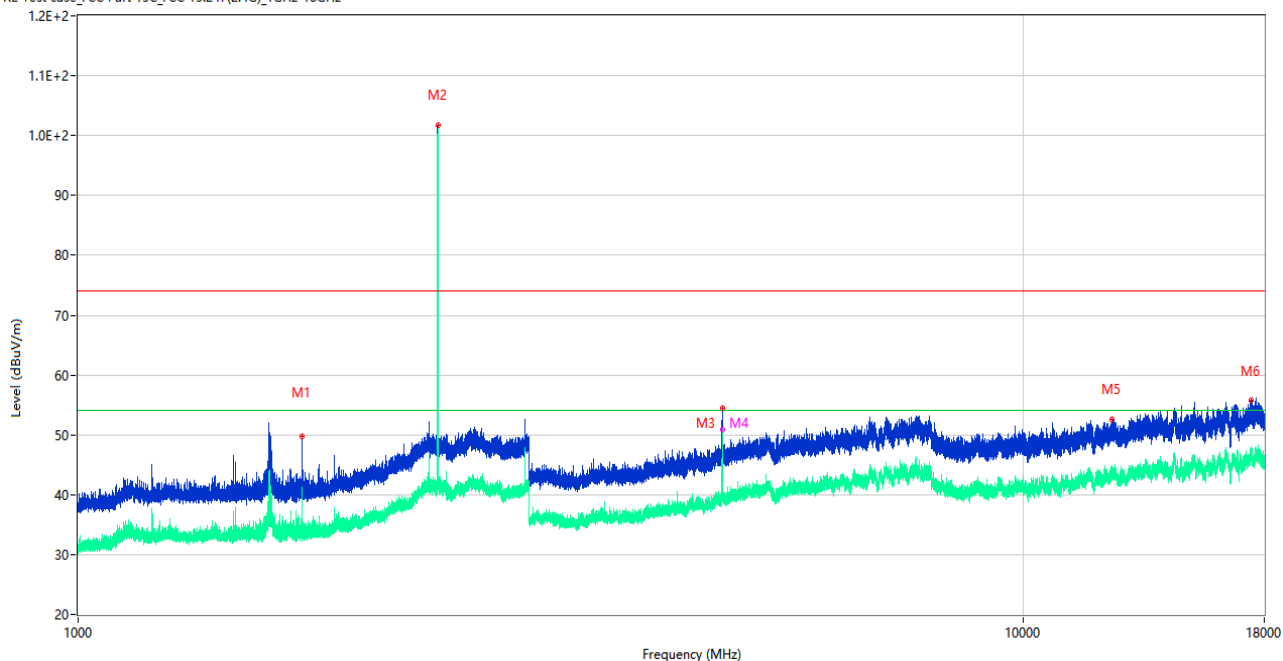


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.300	48.11	-17.17	74.0	25.89	Peak	239.00	100	Vertical	Pass
1**	1598.300	34.15	-17.17	54.0	19.85	AV	239.00	100	Vertical	Pass
2	2480.100	99.05	-11.10	74.0	-25.05	Peak	168.00	150	Vertical	N/A
2**	2480.100	98.79	-11.10	54.0	-44.79	AV	168.00	150	Vertical	N/A
3	4959.750	51.98	-3.51	74.0	22.02	Peak	163.00	200	Vertical	Pass
3**	4959.750	47.25	-3.51	54.0	6.75	AV	163.00	200	Vertical	Pass
4	4960.250	51.15	-3.64	74.0	22.85	Peak	283.00	100	Vertical	Pass
4**	4960.250	49.04	-3.64	54.0	4.96	AV	283.00	100	Vertical	Pass
5	12702.026	53.05	0.45	74.0	20.95	Peak	176.00	200	Vertical	Pass
5**	12702.026	42.74	0.45	54.0	11.26	AV	176.00	200	Vertical	Pass
6	17439.037	56.37	5.54	74.0	17.63	Peak	261.00	400	Vertical	Pass
6**	17439.037	47.18	5.54	54.0	6.82	AV	261.00	400	Vertical	Pass

Right Earphone:

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

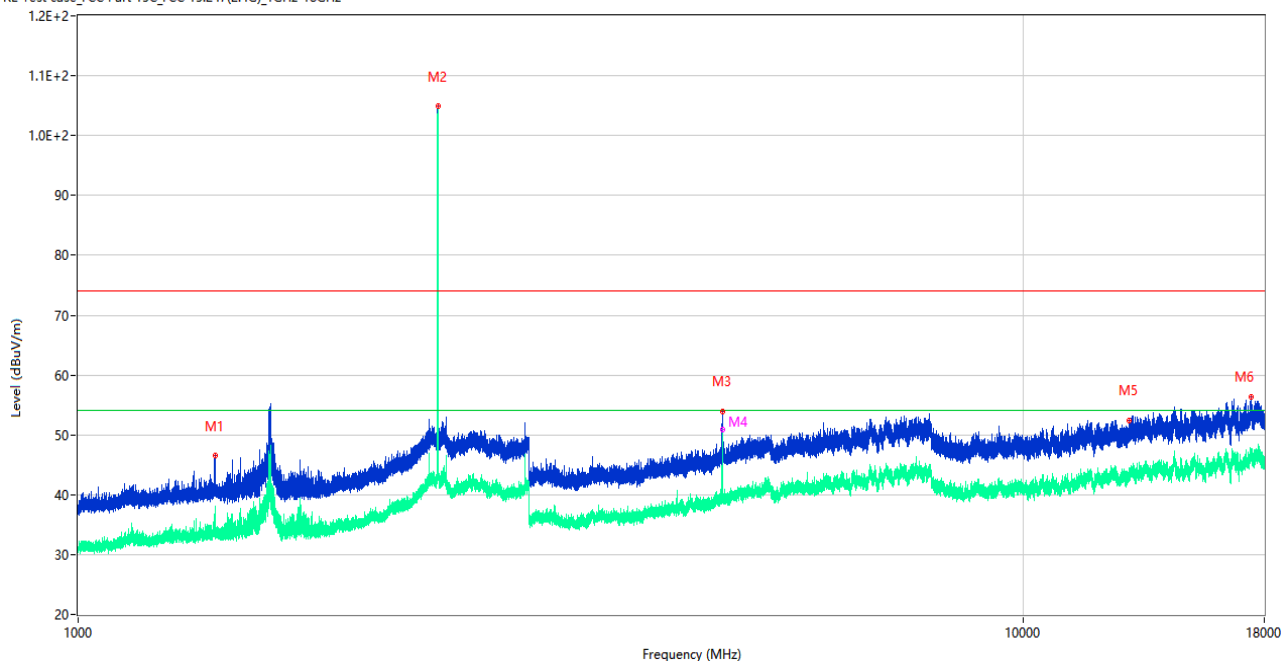
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1726.000	49.75	-16.92	74.0	24.25	Peak	225.00	150	Horizontal	Pass
1**	1726.000	33.98	-16.92	54.0	20.02	AV	225.00	150	Horizontal	Pass
2	2402.200	101.76	-10.59	74.0	-27.76	Peak	261.00	150	Horizontal	N/A
2**	2402.200	101.35	-10.59	54.0	-47.35	AV	261.00	150	Horizontal	N/A
3	4803.750	54.48	-3.36	74.0	19.52	Peak	346.00	150	Horizontal	Pass
3**	4803.750	49.51	-3.36	54.0	4.49	AV	346.00	150	Horizontal	Pass
4	4804.250	53.48	-3.21	74.0	20.52	Peak	360.00	150	Horizontal	Pass
4**	4804.250	50.97	-3.21	54.0	3.03	AV	360.00	150	Horizontal	Pass
5	12404.437	52.58	1.10	74.0	21.42	Peak	51.00	400	Horizontal	Pass
5**	12404.437	43.20	1.10	54.0	10.80	AV	51.00	400	Horizontal	Pass
6	17413.313	55.75	5.46	74.0	18.25	Peak	8.00	400	Horizontal	Pass
6**	17413.313	46.28	5.46	54.0	7.72	AV	8.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

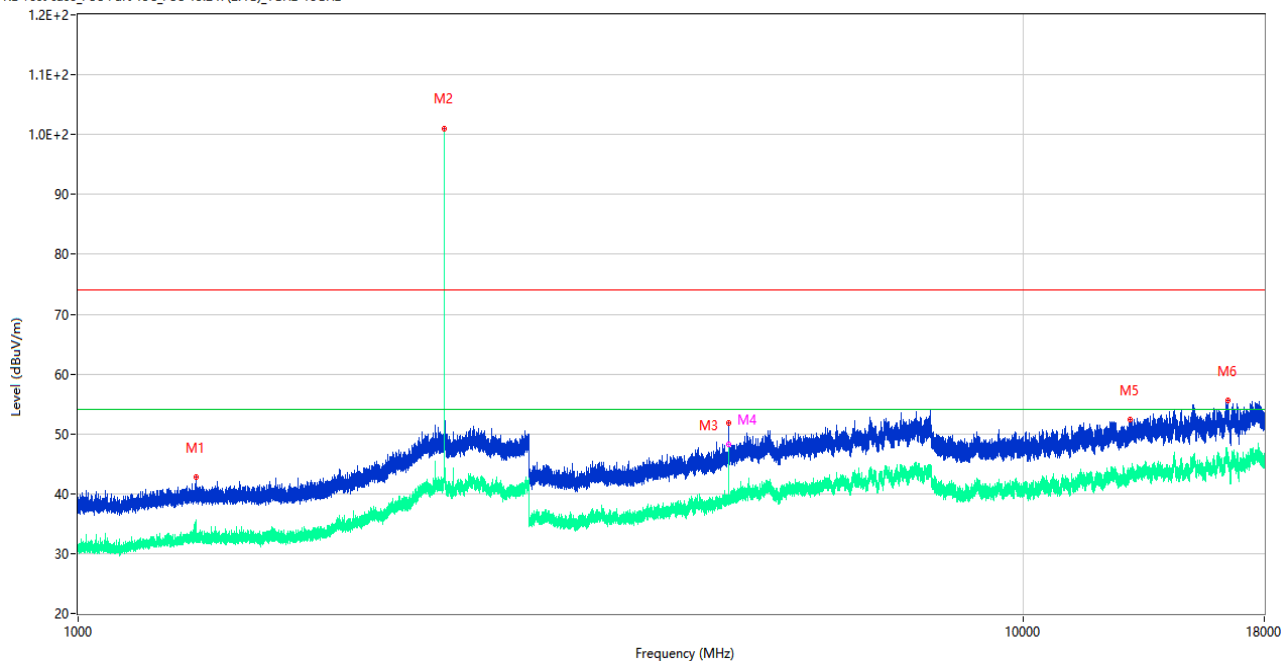
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.800	46.48	-16.83	74.0	27.52	Peak	360.00	150	Vertical	Pass
1**	1396.800	34.07	-16.83	54.0	19.93	AV	360.00	150	Vertical	Pass
2	2401.900	104.90	-10.62	74.0	-30.90	Peak	147.00	200	Vertical	N/A
2**	2401.900	104.51	-10.62	54.0	-50.51	AV	147.00	200	Vertical	N/A
3	4804.000	53.96	-3.32	74.0	20.04	Peak	144.00	100	Vertical	Pass
3**	4804.000	50.21	-3.32	54.0	3.79	AV	144.00	100	Vertical	Pass
4	4804.250	52.88	-3.21	74.0	21.12	Peak	144.00	150	Vertical	Pass
4**	4804.250	50.97	-3.21	54.0	3.03	AV	144.00	150	Vertical	Pass
5	12945.563	52.43	1.53	74.0	21.57	Peak	319.00	200	Vertical	Pass
5**	12945.563	42.37	1.53	54.0	11.63	AV	319.00	200	Vertical	Pass
6	17453.474	56.44	5.50	74.0	17.56	Peak	212.00	300	Vertical	Pass
6**	17453.474	46.98	5.50	54.0	7.02	AV	212.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

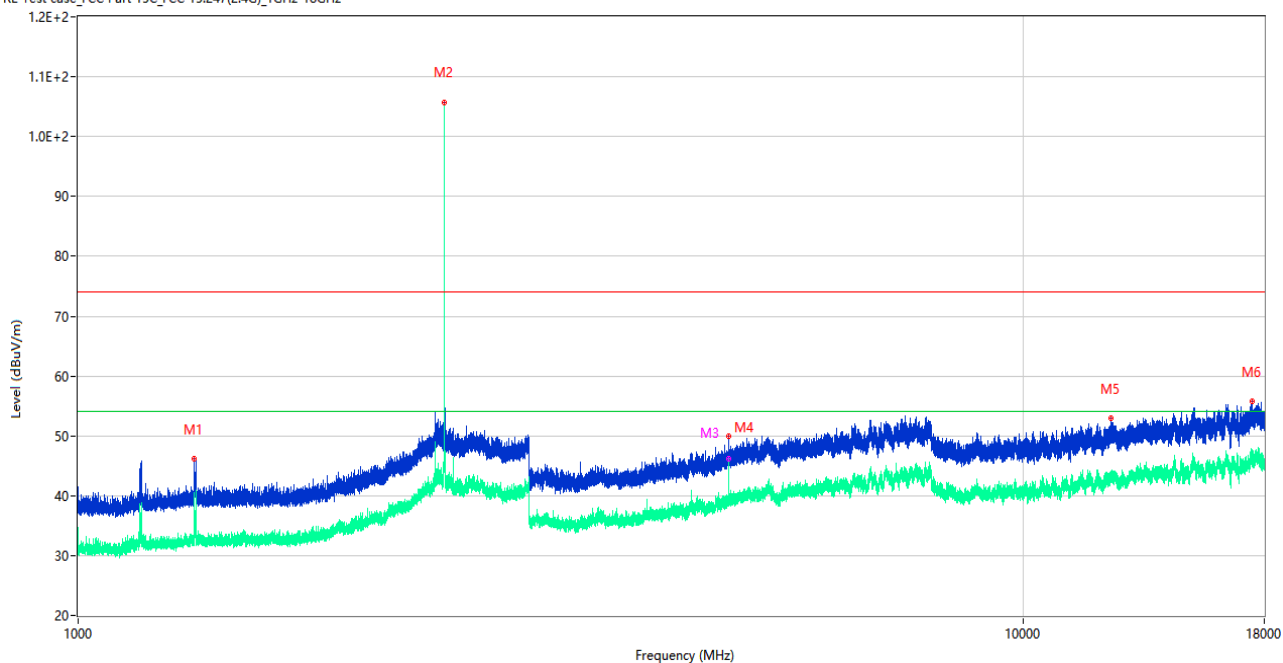
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	42.70	-16.94	74.0	31.30	Peak	71.00	400	Horizontal	Pass
1**	1331.900	34.03	-16.94	54.0	19.97	AV	71.00	400	Horizontal	Pass
2	2440.900	101.04	-9.79	74.0	-27.04	Peak	164.00	150	Horizontal	N/A
2**	2440.900	99.99	-9.79	54.0	-45.99	AV	164.00	150	Horizontal	N/A
3	4881.750	51.78	-3.72	74.0	22.22	Peak	86.00	200	Horizontal	Pass
3**	4881.750	46.33	-3.72	54.0	7.67	AV	86.00	200	Horizontal	Pass
4	4882.250	50.91	-3.72	74.0	23.09	Peak	132.00	N/A	Horizontal	Pass
4**	4882.250	48.25	-3.72	54.0	5.75	AV	132.00	N/A	Horizontal	Pass
5	12992.550	52.38	1.98	74.0	21.62	Peak	93.00	300	Horizontal	Pass
5**	12992.550	42.58	1.98	54.0	11.42	AV	93.00	300	Horizontal	Pass
6	16459.650	55.51	2.18	74.0	18.49	Peak	360.00	400	Horizontal	Pass
6**	16459.650	45.88	2.18	54.0	8.12	AV	360.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

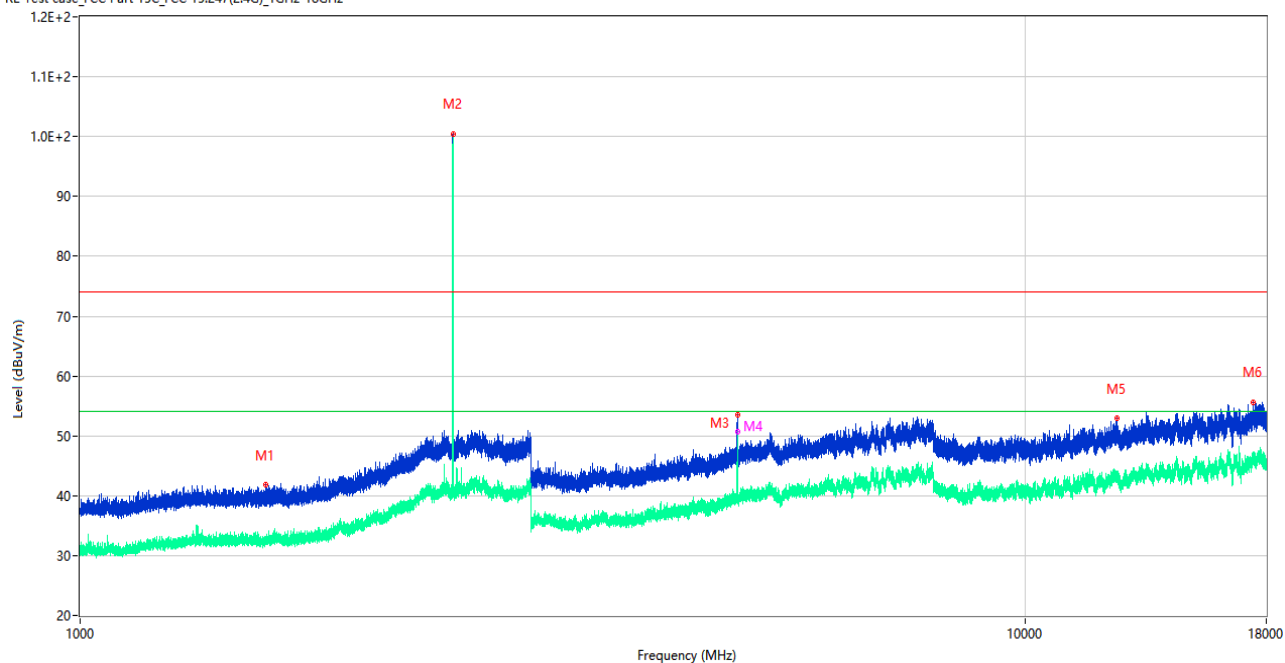
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.400	46.10	-16.99	74.0	27.90	Peak	271.00	400	Vertical	Pass
1**	1327.400	33.54	-16.99	54.0	20.46	AV	271.00	400	Vertical	Pass
2	2440.900	105.71	-9.79	74.0	-31.71	Peak	280.00	150	Vertical	N/A
2**	2440.900	105.10	-9.79	54.0	-51.10	AV	280.00	150	Vertical	N/A
3	4882.250	49.37	-3.72	74.0	24.63	Peak	12.00	N/A	Vertical	Pass
3**	4882.250	46.18	-3.72	54.0	7.82	AV	12.00	N/A	Vertical	Pass
4	4882.500	49.88	-3.69	74.0	24.12	Peak	0.00	150	Vertical	Pass
4**	4882.500	45.25	-3.69	54.0	8.75	AV	0.00	150	Vertical	Pass
5	12379.025	52.93	1.00	74.0	21.07	Peak	142.00	100	Vertical	Pass
5**	12379.025	42.58	1.00	54.0	11.42	AV	142.00	100	Vertical	Pass
6	17467.386	55.71	5.24	74.0	18.29	Peak	193.00	300	Vertical	Pass
6**	17467.386	45.69	5.24	54.0	8.31	AV	193.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

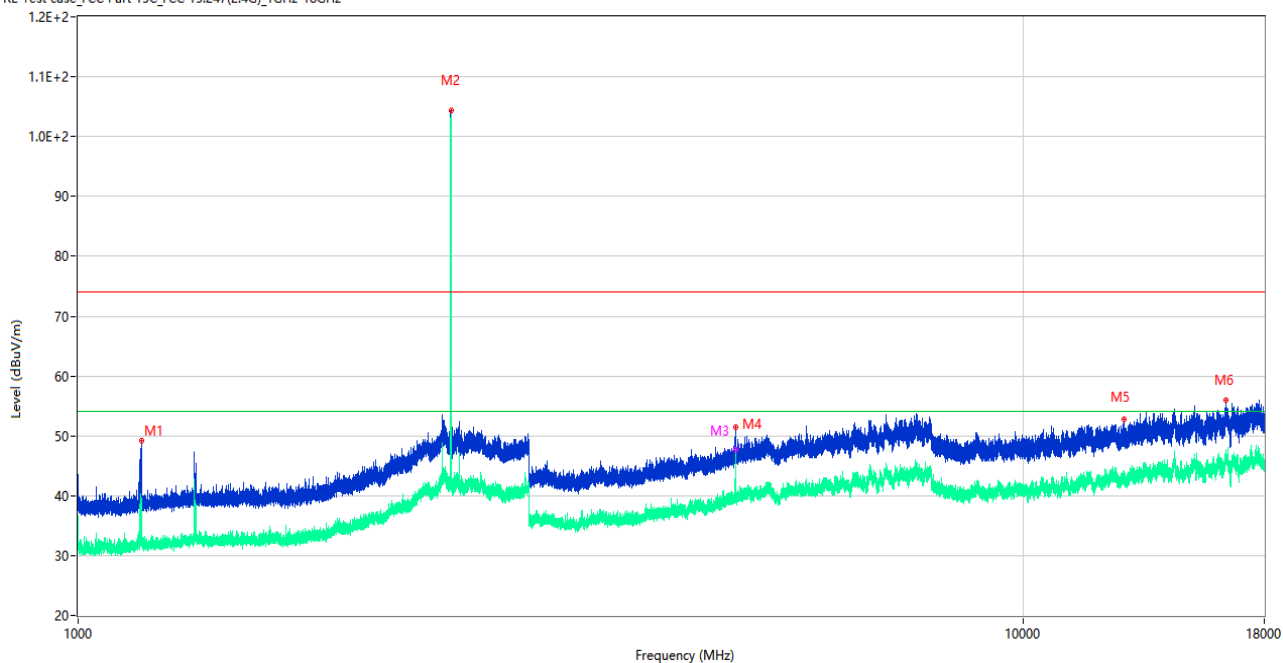
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.600	41.83	-16.97	74.0	32.17	Peak	205.00	400	Horizontal	Pass
1**	1572.600	32.43	-16.97	54.0	21.57	AV	205.00	400	Horizontal	Pass
2	2480.100	100.43	-11.10	74.0	-26.43	Peak	158.00	200	Horizontal	N/A
2**	2480.100	100.11	-11.10	54.0	-46.11	AV	158.00	200	Horizontal	N/A
3	4960.000	54.56	-3.53	74.0	19.44	Peak	76.00	100	Horizontal	Pass
3**	4960.000	50.41	-3.53	54.0	3.59	AV	76.00	100	Horizontal	Pass
4	4960.250	53.50	-3.64	74.0	20.50	Peak	76.00	100	Horizontal	Pass
4**	4960.250	50.97	-3.64	54.0	3.03	AV	76.00	100	Horizontal	Pass
5	12515.350	52.90	1.35	74.0	21.10	Peak	19.00	400	Horizontal	Pass
5**	12515.350	43.03	1.35	54.0	10.97	AV	19.00	400	Horizontal	Pass
6	17453.738	55.60	5.50	74.0	18.40	Peak	0.00	400	Horizontal	Pass
6**	17453.738	46.96	5.50	54.0	7.04	AV	0.00	400	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

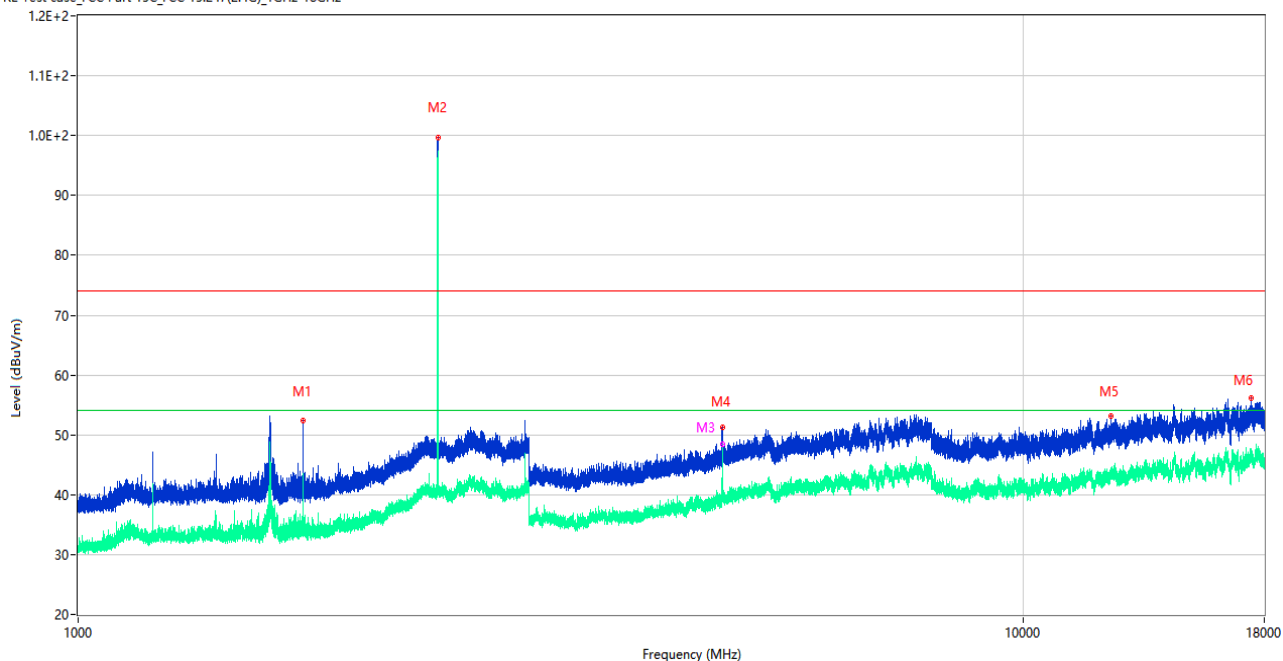
RE Test case FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.100	49.22	-17.66	74.0	24.78	Peak	293.00	300	Vertical	Pass
1**	1166.100	34.69	-17.66	54.0	19.31	AV	293.00	300	Vertical	Pass
2	2480.000	104.45	-11.11	74.0	-30.45	Peak	274.00	100	Vertical	N/A
2**	2480.000	103.97	-11.11	54.0	-49.97	AV	274.00	100	Vertical	N/A
3	4960.000	50.54	-3.53	74.0	23.46	Peak	244.00	100	Vertical	Pass
3**	4960.000	47.68	-3.53	54.0	6.32	AV	244.00	100	Vertical	Pass
4	4960.250	51.38	-3.64	74.0	22.62	Peak	244.00	200	Vertical	Pass
4**	4960.250	46.95	-3.64	54.0	7.05	AV	244.00	200	Vertical	Pass
5	12794.100	52.71	0.97	74.0	21.29	Peak	358.00	200	Vertical	Pass
5**	12794.100	42.15	0.97	54.0	11.85	AV	358.00	200	Vertical	Pass
6	16400.325	56.01	3.16	74.0	17.99	Peak	360.00	200	Vertical	Pass
6**	16400.325	46.14	3.16	54.0	7.86	AV	360.00	200	Vertical	Pass

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

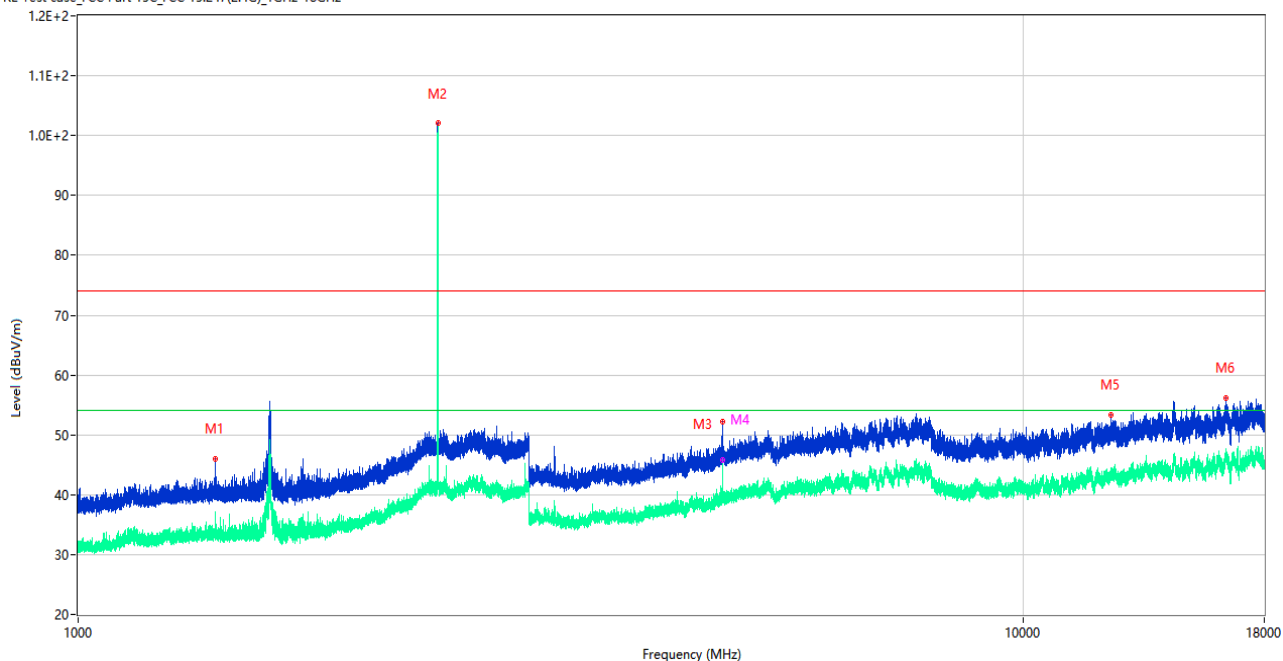
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1730.400	52.46	-16.94	74.0	21.54	Peak	220.00	150	Horizontal	Pass
1**	1730.400	43.48	-16.94	54.0	10.52	AV	220.00	150	Horizontal	Pass
2	2401.800	99.71	-10.63	74.0	-25.71	Peak	256.00	100	Horizontal	N/A
2**	2401.800	96.67	-10.63	54.0	-42.67	AV	256.00	100	Horizontal	N/A
3	4804.500	50.65	-3.20	74.0	23.35	Peak	16.00	150	Horizontal	Pass
3**	4804.500	48.51	-3.20	54.0	5.49	AV	16.00	150	Horizontal	Pass
4	4804.250	51.17	-3.21	74.0	22.83	Peak	16.00	200	Horizontal	Pass
4**	4804.250	48.02	-3.21	54.0	5.98	AV	16.00	200	Horizontal	Pass
5	12396.363	53.07	1.09	74.0	20.93	Peak	10.00	200	Horizontal	Pass
5**	12396.363	42.94	1.09	54.0	11.06	AV	10.00	200	Horizontal	Pass
6	17448.749	56.13	5.56	74.0	17.87	Peak	176.00	400	Horizontal	Pass
6**	17448.749	46.93	5.56	54.0	7.07	AV	176.00	400	Horizontal	Pass

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

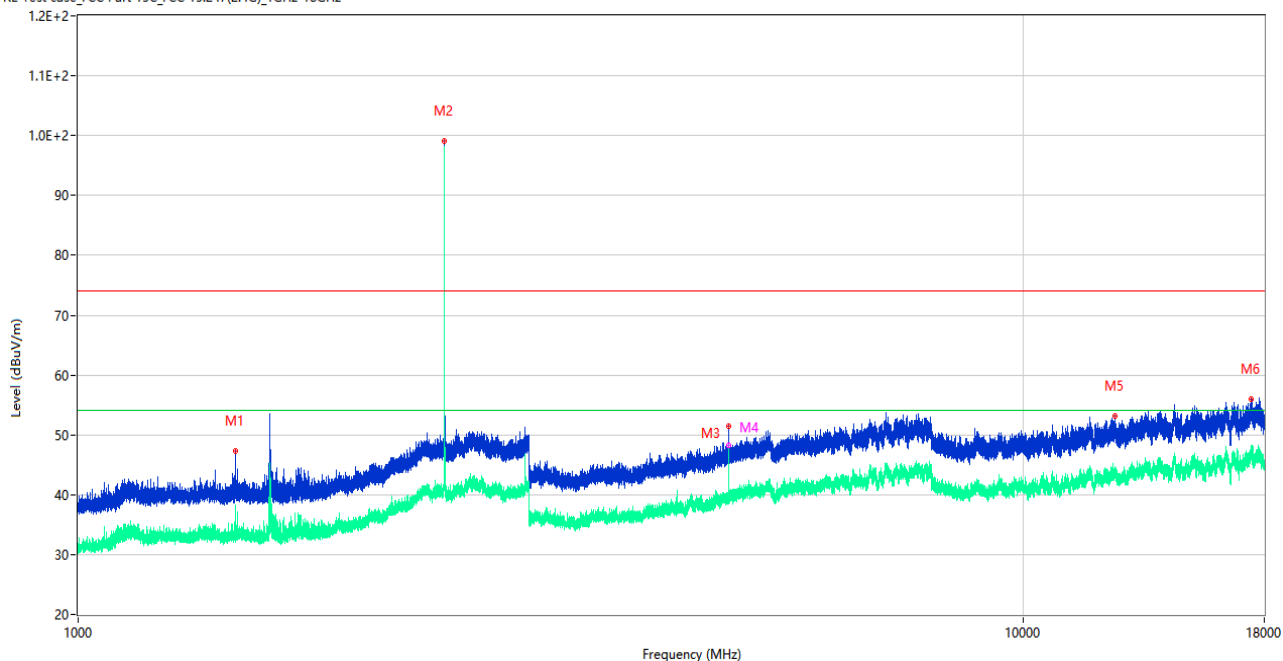
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.900	46.08	-16.97	74.0	27.92	Peak	43.00	150	Vertical	Pass
1**	1397.900	34.11	-16.97	54.0	19.89	AV	43.00	150	Vertical	Pass
2	2402.100	102.08	-10.60	74.0	-28.08	Peak	33.00	150	Vertical	N/A
2**	2402.100	101.98	-10.60	54.0	-47.98	AV	33.00	150	Vertical	N/A
3	4804.000	52.23	-3.32	74.0	21.77	Peak	360.00	200	Vertical	Pass
3**	4804.000	45.37	-3.32	54.0	8.63	AV	360.00	200	Vertical	Pass
4	4804.500	49.73	-3.20	74.0	24.27	Peak	322.00	150	Vertical	Pass
4**	4804.500	45.75	-3.20	54.0	8.25	AV	322.00	150	Vertical	Pass
5	12390.187	53.39	1.06	74.0	20.61	Peak	71.00	100	Vertical	Pass
5**	12390.187	44.11	1.06	54.0	9.89	AV	71.00	100	Vertical	Pass
6	16401.113	56.21	3.15	74.0	17.79	Peak	128.00	200	Vertical	Pass
6**	16401.113	47.03	3.15	54.0	6.97	AV	128.00	200	Vertical	Pass

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

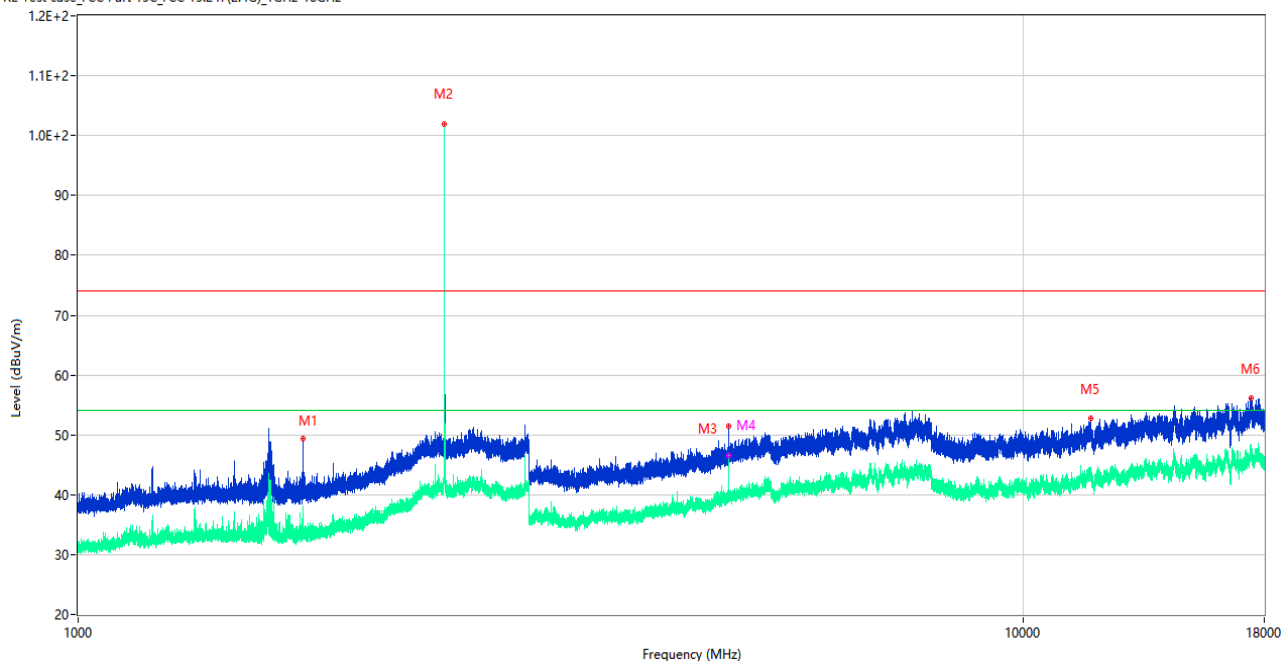
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.500	47.39	-17.33	74.0	26.61	Peak	271.00	150	Horizontal	Pass
1**	1466.500	37.00	-17.33	54.0	17.00	AV	271.00	150	Horizontal	Pass
2	2441.000	99.19	-9.79	74.0	-25.19	Peak	252.00	200	Horizontal	N/A
2**	2441.000	98.12	-9.79	54.0	-44.12	AV	252.00	200	Horizontal	N/A
3	4881.750	51.42	-3.72	74.0	22.58	Peak	360.00	150	Horizontal	Pass
3**	4881.750	46.55	-3.72	54.0	7.45	AV	360.00	150	Horizontal	Pass
4	4882.500	50.71	-3.69	74.0	23.29	Peak	358.00	200	Horizontal	Pass
4**	4882.500	48.23	-3.69	54.0	5.77	AV	358.00	200	Horizontal	Pass
5	12505.612	53.23	1.41	74.0	20.77	Peak	360.00	300	Horizontal	Pass
5**	12505.612	43.53	1.41	54.0	10.47	AV	360.00	300	Horizontal	Pass
6	17433.786	56.06	5.52	74.0	17.94	Peak	261.00	200	Horizontal	Pass
6**	17433.786	46.36	5.52	54.0	7.64	AV	261.00	200	Horizontal	Pass

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

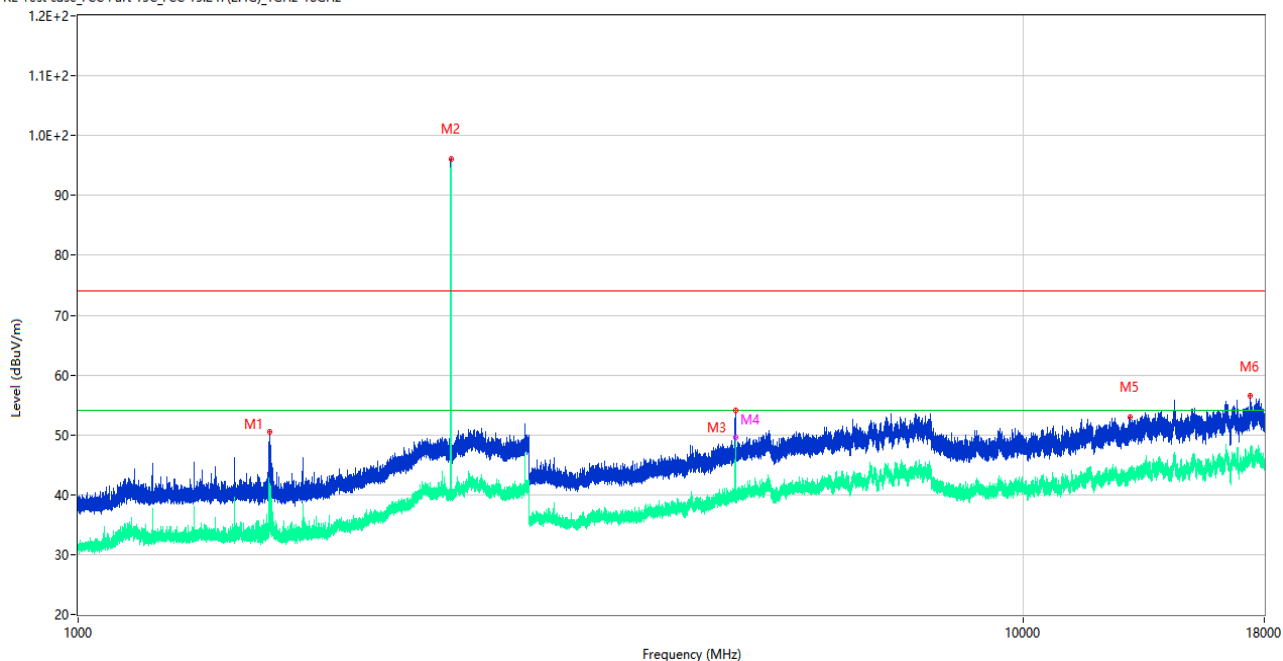
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1728.000	49.37	-16.75	74.0	24.63	Peak	233.00	150	Vertical	Pass
1**	1728.000	38.13	-16.75	54.0	15.87	AV	233.00	150	Vertical	Pass
2	2440.800	101.93	-9.79	74.0	-27.93	Peak	31.00	100	Vertical	N/A
2**	2440.800	100.35	-9.79	54.0	-46.35	AV	31.00	100	Vertical	N/A
3	4882.250	51.46	-3.72	74.0	22.54	Peak	108.00	200	Vertical	Pass
3**	4882.250	46.46	-3.72	54.0	7.54	AV	108.00	200	Vertical	Pass
4	4882.500	49.39	-3.69	74.0	24.61	Peak	108.00	150	Vertical	Pass
4**	4882.500	46.63	-3.69	54.0	7.37	AV	108.00	150	Vertical	Pass
5	11804.512	52.73	-0.20	74.0	21.27	Peak	79.00	100	Vertical	Pass
5**	11804.512	43.03	-0.20	54.0	10.97	AV	79.00	100	Vertical	Pass
6	17444.813	56.07	5.55	74.0	17.93	Peak	121.00	100	Vertical	Pass
6**	17444.813	46.48	5.55	54.0	7.52	AV	121.00	100	Vertical	Pass

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

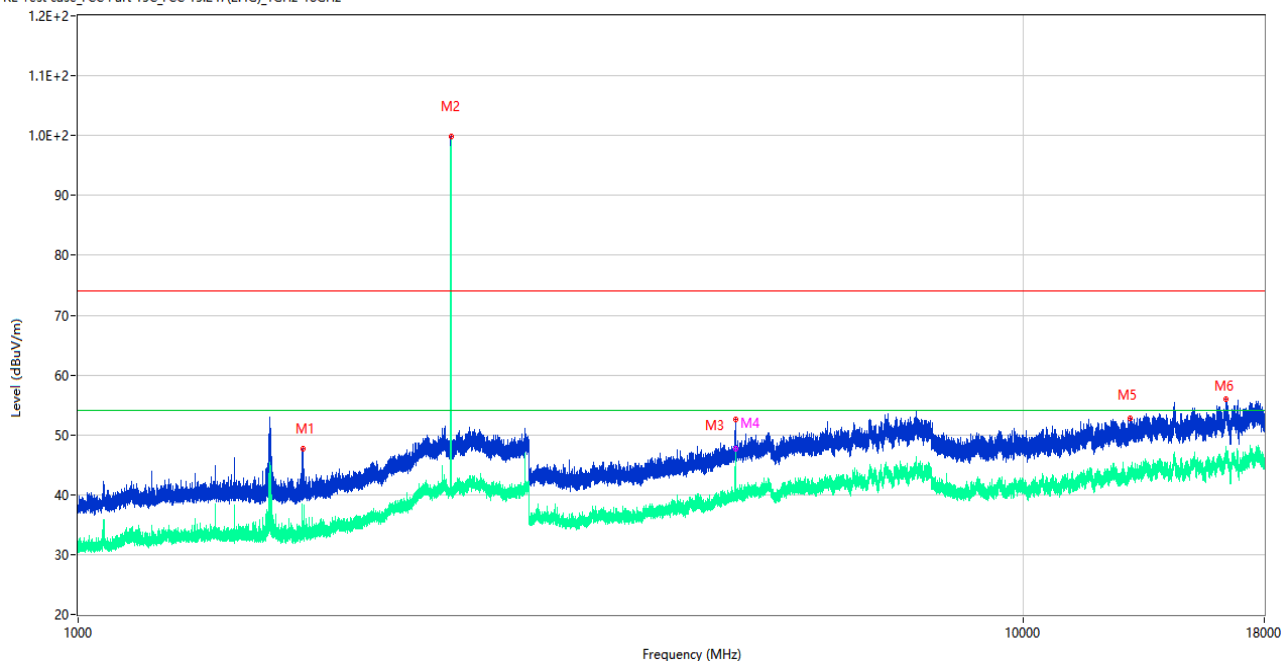
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.700	50.55	-16.87	74.0	23.45	Peak	116.00	100	Horizontal	Pass
1**	1595.700	39.66	-16.87	54.0	14.34	AV	116.00	100	Horizontal	Pass
2	2480.000	96.11	-11.11	74.0	-22.11	Peak	60.00	150	Horizontal	N/A
2**	2480.000	95.91	-11.11	54.0	-41.91	AV	60.00	150	Horizontal	N/A
3	4960.000	54.06	-3.53	74.0	19.94	Peak	356.00	200	Horizontal	Pass
3**	4960.000	49.51	-3.53	54.0	4.49	AV	356.00	200	Horizontal	Pass
4	4960.500	53.37	-3.57	74.0	20.63	Peak	356.00	200	Horizontal	Pass
4**	4960.500	49.58	-3.57	54.0	4.42	AV	356.00	200	Horizontal	Pass
5	12989.924	52.98	1.95	74.0	21.02	Peak	13.00	400	Horizontal	Pass
5**	12989.924	43.27	1.95	54.0	10.73	AV	13.00	400	Horizontal	Pass
6	17403.339	56.51	5.44	74.0	17.49	Peak	234.00	400	Horizontal	Pass
6**	17403.339	47.39	5.44	54.0	6.61	AV	234.00	400	Horizontal	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1732.000	47.61	-16.74	74.0	26.39	Peak	250.00	200	Vertical	Pass
1**	1732.000	33.26	-16.74	54.0	20.74	AV	250.00	200	Vertical	Pass
2	2480.100	99.92	-11.10	74.0	-25.92	Peak	349.00	100	Vertical	N/A
2**	2480.100	99.63	-11.10	54.0	-45.63	AV	349.00	100	Vertical	N/A
3	4960.000	52.64	-3.53	74.0	21.36	Peak	176.00	200	Vertical	Pass
3**	4960.000	47.72	-3.53	54.0	6.28	AV	176.00	200	Vertical	Pass
4	4960.250	51.11	-3.64	74.0	22.89	Peak	317.00	200	Vertical	Pass
4**	4960.250	47.76	-3.64	54.0	6.24	AV	317.00	200	Vertical	Pass
5	12967.612	52.76	1.74	74.0	21.24	Peak	237.00	300	Vertical	Pass
5**	12967.612	43.85	1.74	54.0	10.15	AV	237.00	300	Vertical	Pass
6	16395.338	55.90	2.99	74.0	18.10	Peak	0.00	300	Vertical	Pass
6**	16395.338	47.17	2.99	54.0	6.83	AV	0.00	300	Vertical	Pass

A.9 Band Edge (Restricted-band band-edge)

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.

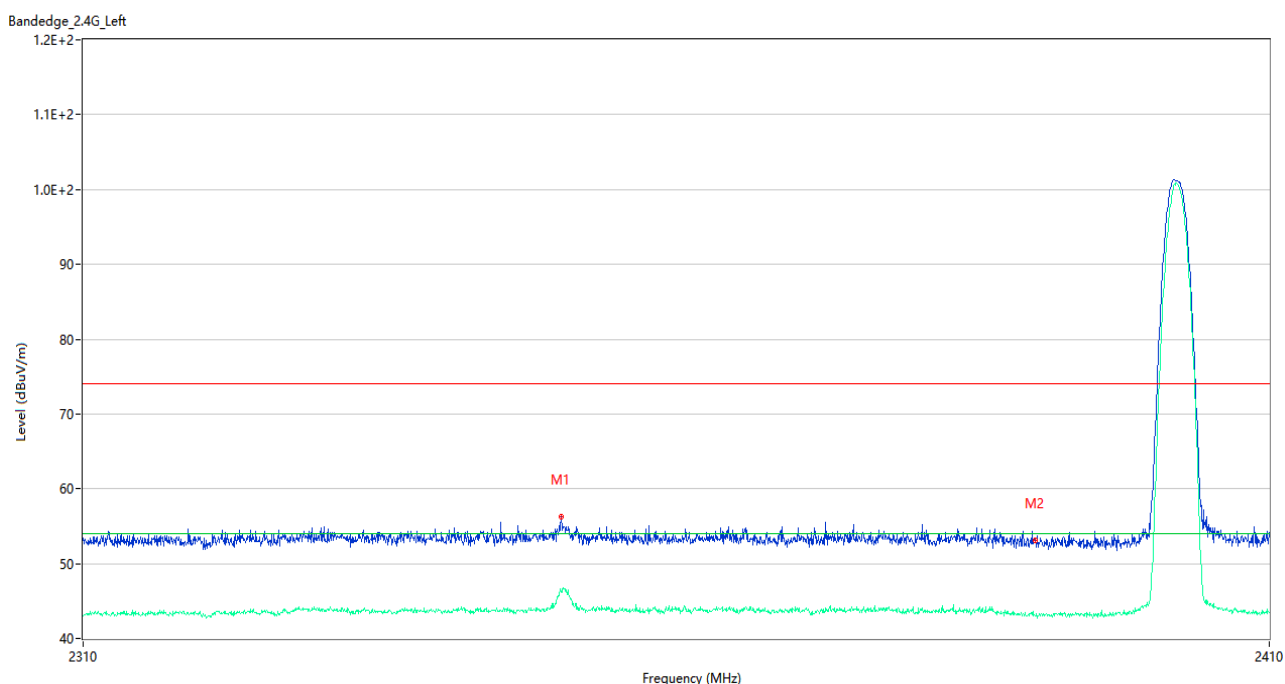
Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Test Data and Plots

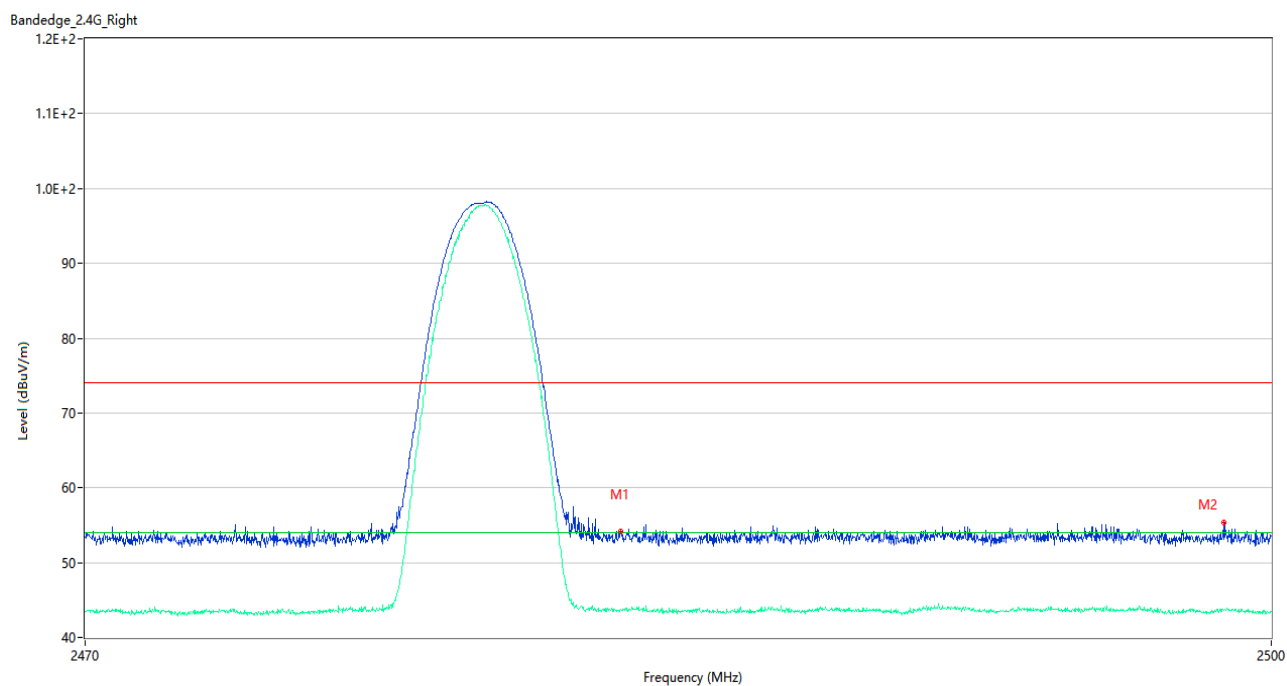
Left Earphone:

GFSK LOW CHANNEL



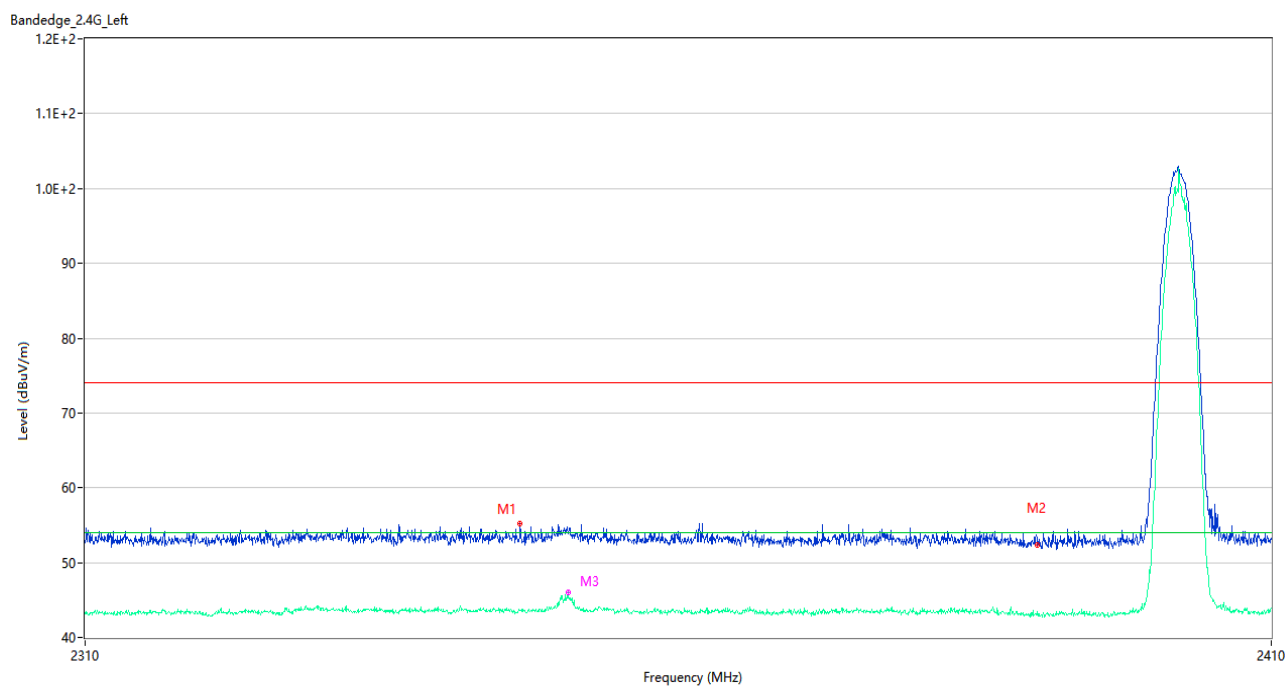
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2349.800	56.20	-0.90	74.0	17.80	Peak	0.00	100	Vertical	Pass
1**	2349.800	46.11	-0.90	54.0	7.89	AV	0.00	100	Vertical	Pass
2	2389.950	53.15	-1.82	74.0	20.85	Peak	156.00	150	Vertical	Pass
2**	2389.950	43.02	-1.82	54.0	10.98	AV	156.00	150	Vertical	Pass

GFSK HIGH CHANNEL



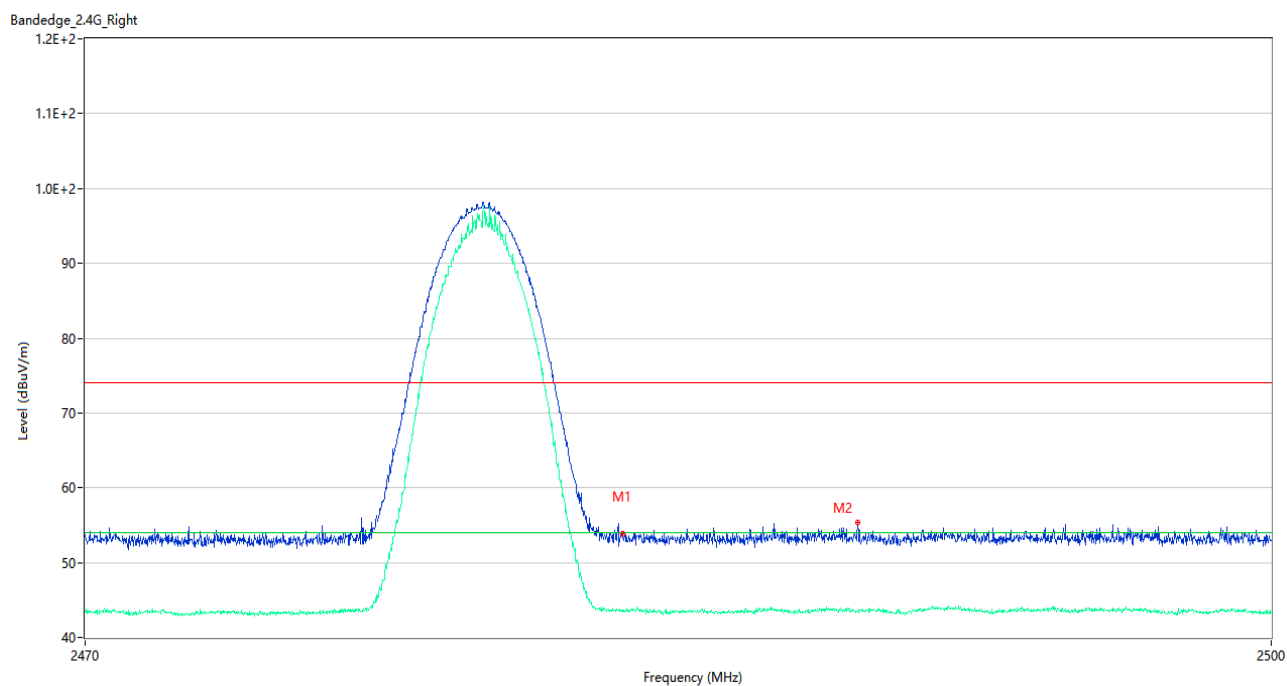
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.15	-1.10	74.0	19.85	Peak	360.00	200	Vertical	Pass
1**	2483.500	43.74	-1.10	54.0	10.26	AV	360.00	200	Vertical	Pass
2	2498.785	55.38	-0.84	74.0	18.62	Peak	233.00	100	Vertical	Pass
2**	2498.785	43.62	-0.84	54.0	10.38	AV	233.00	100	Vertical	Pass

8-DPSK LOW CHANNEL

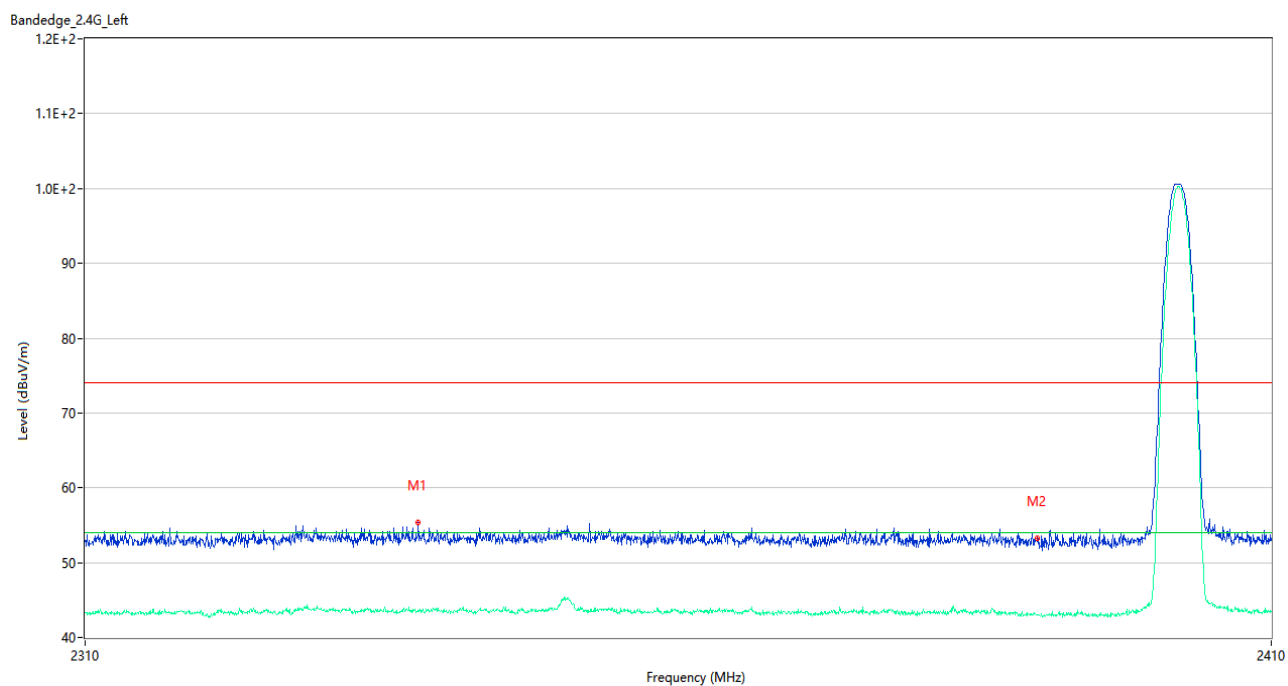


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2346.200	55.28	-0.94	74.0	18.72	Peak	151.00	100	Vertical	Pass
1**	2346.200	43.66	-0.94	54.0	10.34	AV	151.00	100	Vertical	Pass
2	2389.950	52.35	-1.82	74.0	21.65	Peak	28.00	150	Vertical	Pass
2**	2389.950	43.11	-1.82	54.0	10.89	AV	28.00	150	Vertical	Pass
3	2350.200	54.15	-0.96	74.0	19.85	Peak	141.00	0	Vertical	Pass
3**	2350.200	46.08	-0.96	54.0	7.92	AV	141.00	0	Vertical	Pass

8-DPSK HIGH CHANNEL

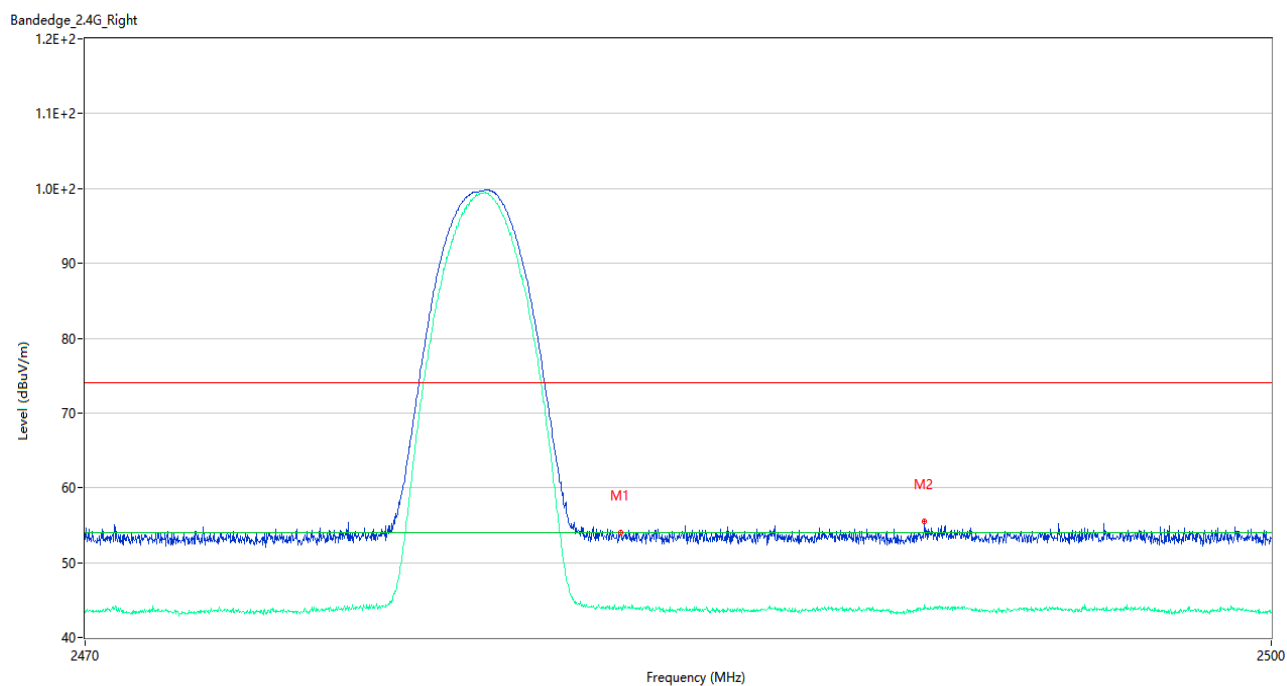


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	53.87	-1.09	74.0	20.13	Peak	166.00	100	Vertical	Pass
1**	2483.545	43.47	-1.09	54.0	10.53	AV	166.00	100	Vertical	Pass
2	2489.500	55.37	-0.98	74.0	18.63	Peak	280.00	150	Vertical	Pass
2**	2489.500	43.49	-0.98	54.0	10.51	AV	280.00	150	Vertical	Pass

Right Earphone:**GFSK LOW CHANNEL**

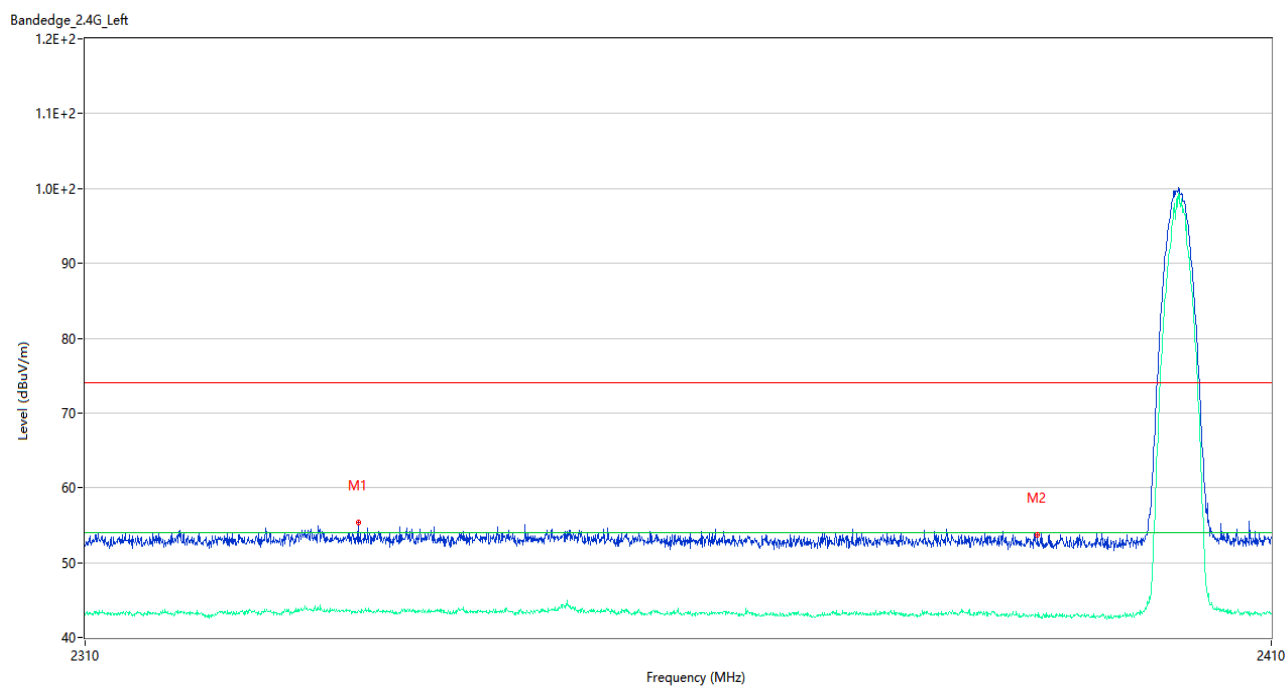
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2337.650	55.30	-0.98	74.0	18.70	Peak	0.00	200	Vertical	Pass
1**	2337.650	43.54	-0.98	54.0	10.46	AV	0.00	200	Vertical	Pass
2	2389.950	53.23	-1.82	74.0	20.77	Peak	9.00	200	Vertical	Pass
2**	2389.950	42.94	-1.82	54.0	11.06	AV	9.00	200	Vertical	Pass

GFSK HIGH CHANNEL



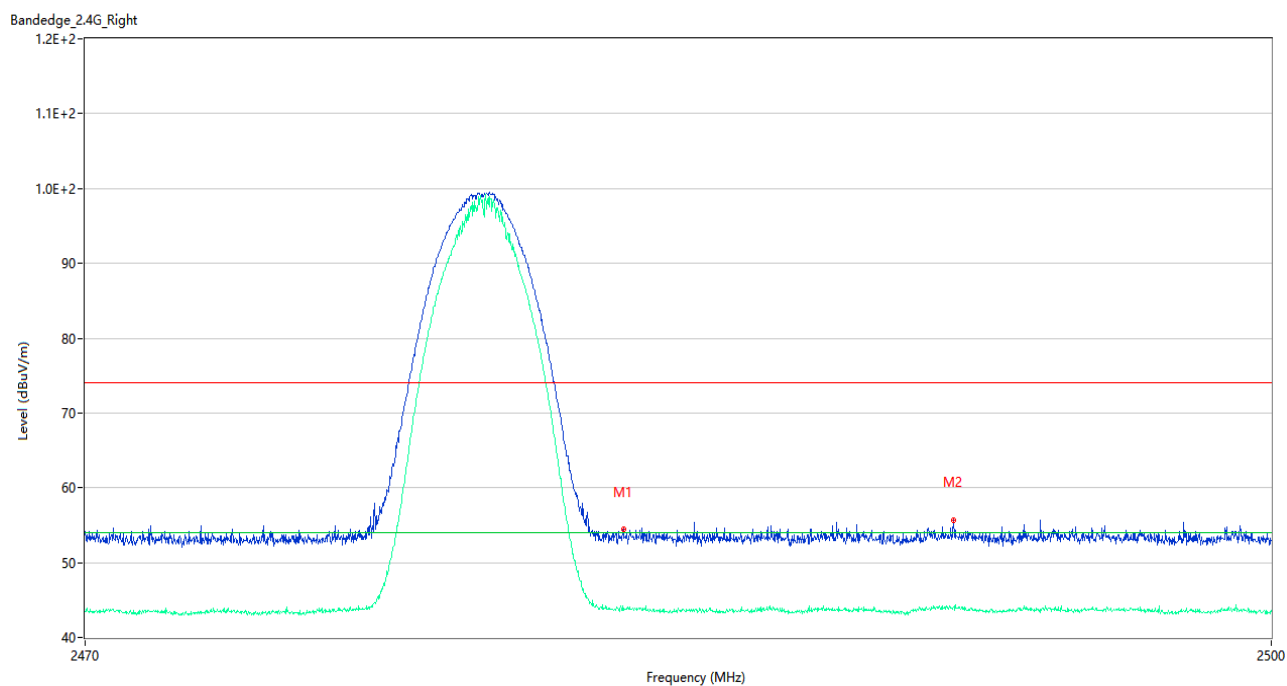
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.03	-1.10	74.0	19.97	Peak	86.00	200	Vertical	Pass
1**	2483.500	44.01	-1.10	54.0	9.99	AV	86.00	200	Vertical	Pass
2	2491.195	55.54	-0.81	74.0	18.46	Peak	346.00	100	Vertical	Pass
2**	2491.195	44.41	-0.81	54.0	9.59	AV	346.00	100	Vertical	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2332.650	55.39	-1.07	74.0	18.61	Peak	266.00	200	Vertical	Pass
1**	2332.650	43.67	-1.07	54.0	10.33	AV	266.00	200	Vertical	Pass
2	2389.950	53.64	-1.82	74.0	20.36	Peak	223.00	200	Vertical	Pass
2**	2389.950	42.83	-1.82	54.0	11.17	AV	223.00	200	Vertical	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	54.48	-1.09	74.0	19.52	Peak	154.00	200	Vertical	Pass
1**	2483.575	43.67	-1.09	54.0	10.33	AV	154.00	200	Vertical	Pass
2	2491.930	55.74	-0.68	74.0	18.26	Peak	34.00	100	Vertical	Pass
2**	2491.930	44.07	-0.68	54.0	9.93	AV	34.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2430158-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2430158-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2430158-AI.PDF”.

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--END OF REPORT--