A.4 Hopping Frequency Separation

Test Data

Left Earphone:

Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.685	Pass
8-DPSK	0.965	0.855	Pass

Right Earphone:

Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	0.990	0.685	Pass
8-DPSK	1.050	0.865	Pass

Test Plots

Left Earphone:

GFSK	8-DPSK

Right Earphone:

GFSK	8-DPSK

A.5 Average Time of Occupancy

Test Data

Left Earphone:

GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	121.344	0.4	Pass
DH 3	1.64100	262.560	0.4	Pass
DH 5	2.88800	308.053	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.38830	124.256	0.4	Pass
3DH 3	1.63400	261.440	0.4	Pass
3DH 5	2.88800	308.053	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	60.672	0.4	Pass
DH 3	1.63400	130.720	0.4	Pass
DH 5	2.87600	153.387	0.4	Pass

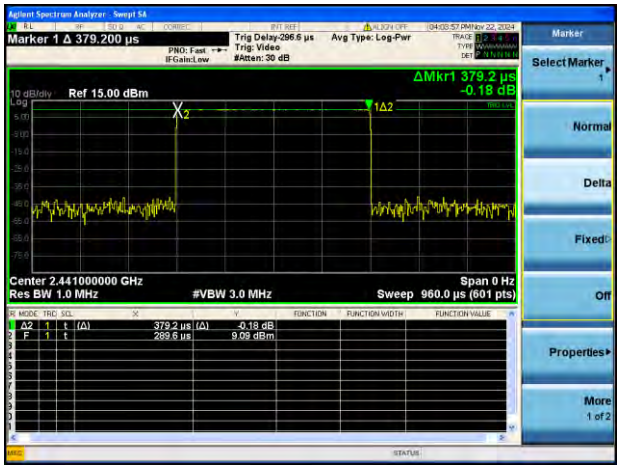
Right Earphone:

GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	121.344	0.4	Pass
DH 3	1.63400	261.440	0.4	Pass
DH 5	2.87600	306.773	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.38670	123.744	0.4	Pass
3DH 3	1.63400	261.440	0.4	Pass
3DH 5	1.28880	137.472	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	60.672	0.4	Pass
DH 3	1.63400	130.720	0.4	Pass
DH 5	2.87600	153.387	0.4	Pass

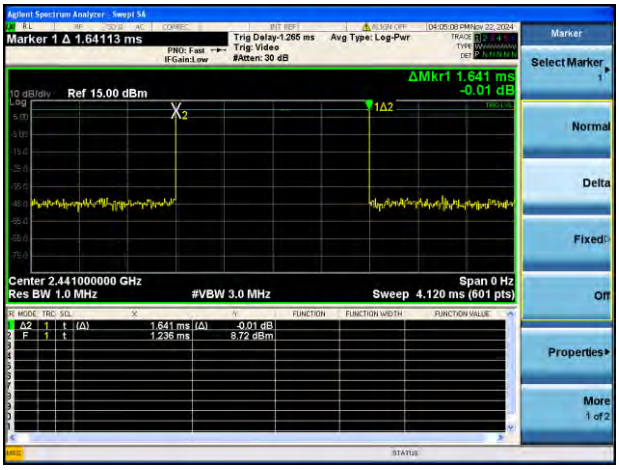
Test Plots

Left Earphone:

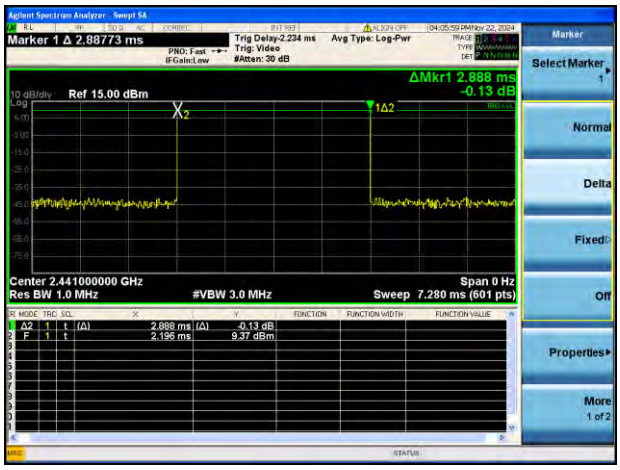
GFSK DH1



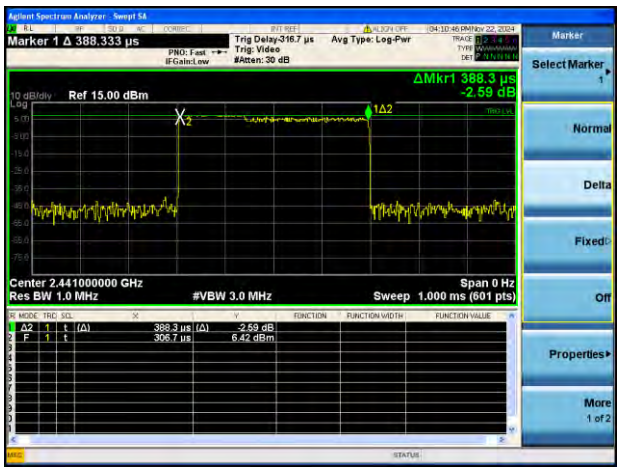
GFSK DH3



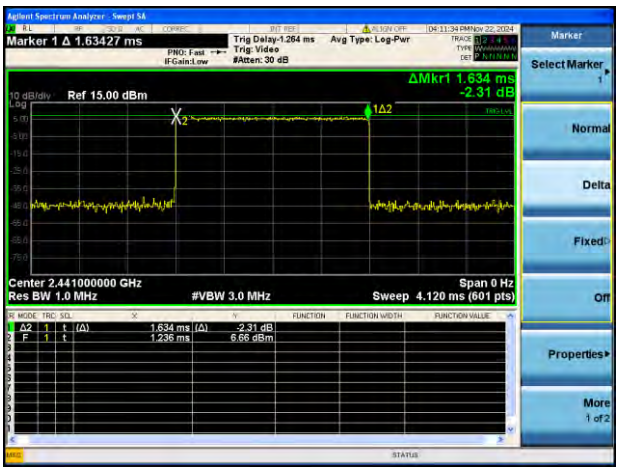
GFSK DH5



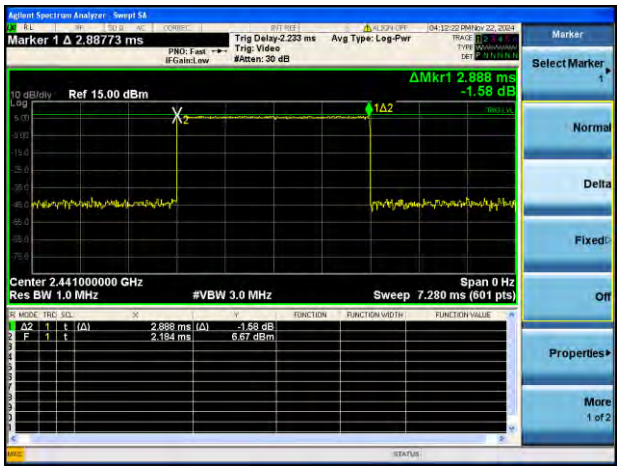
8-DPSK 3DH1



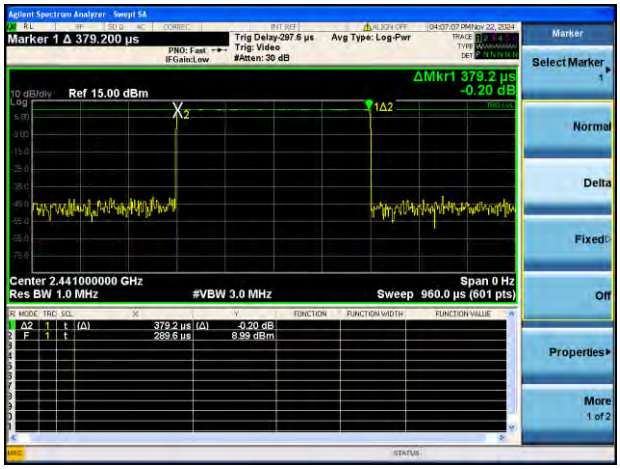
8-DPSK 3DH3



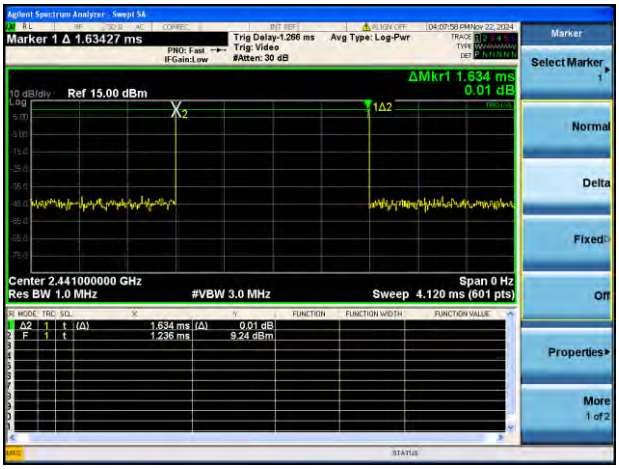
8-DPSK 3DH5



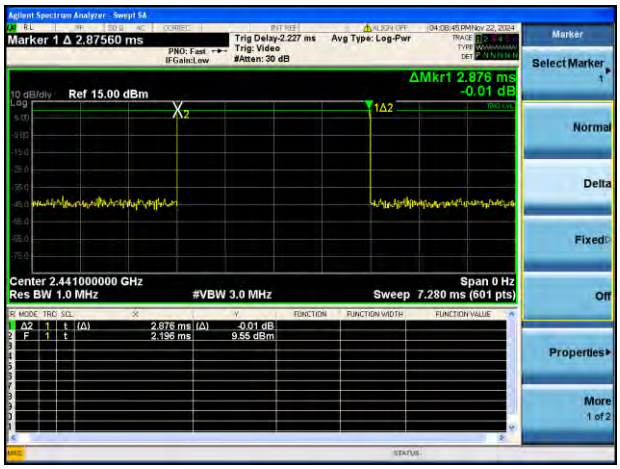
AFH Mode DH1



AFH Mode DH3

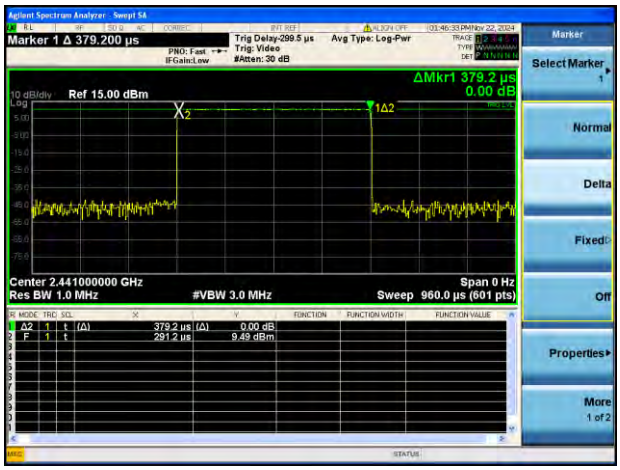


AFH Mode DH5

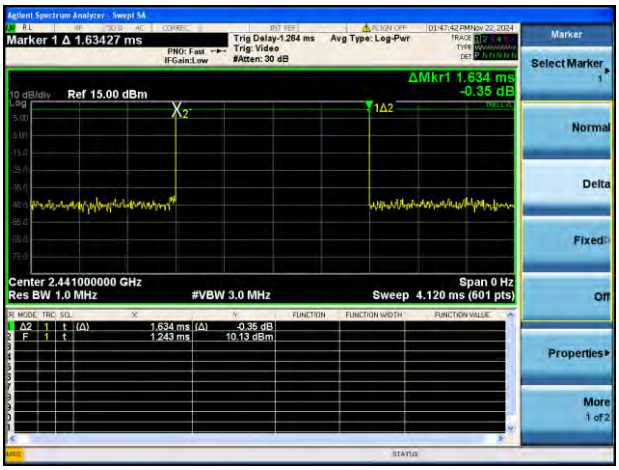


Right Earphone:

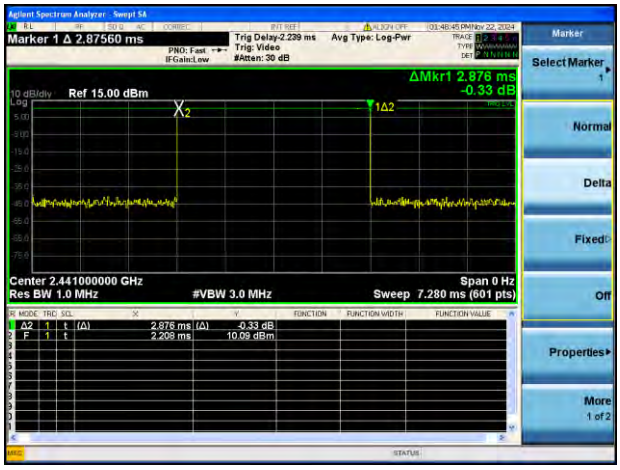
GFSK DH1



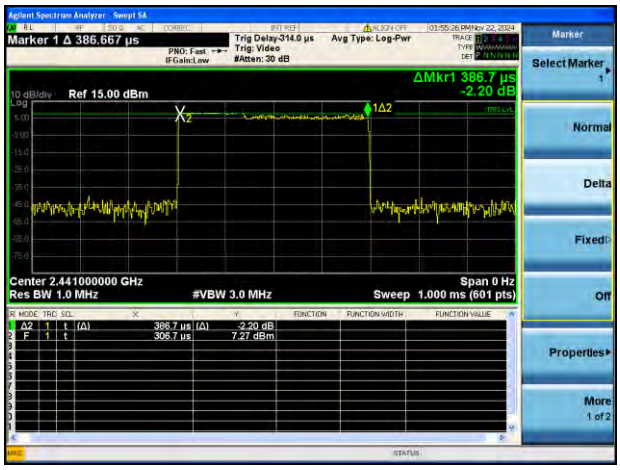
GFSK DH3



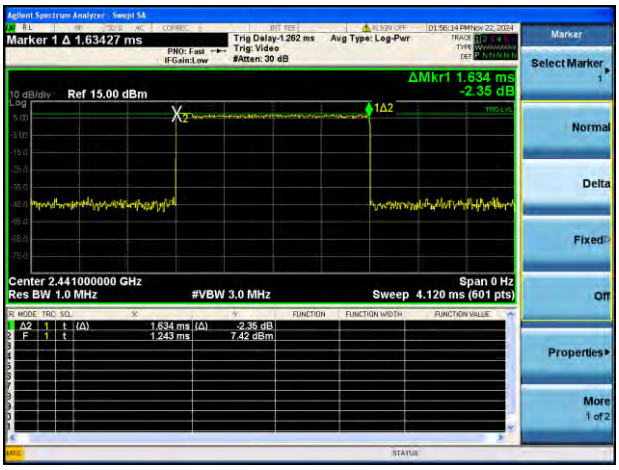
GFSK DH5



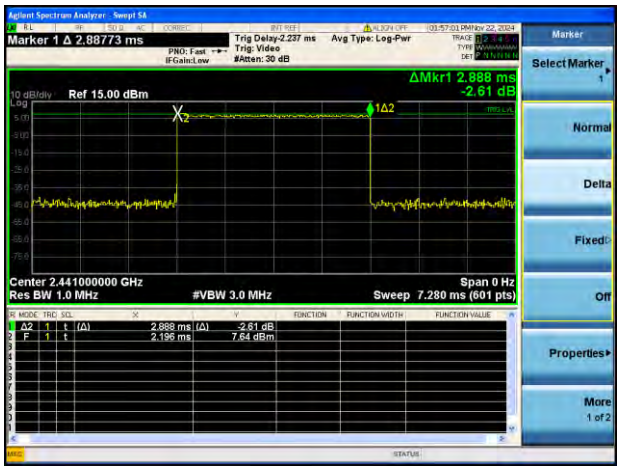
8-DPSK 3DH1



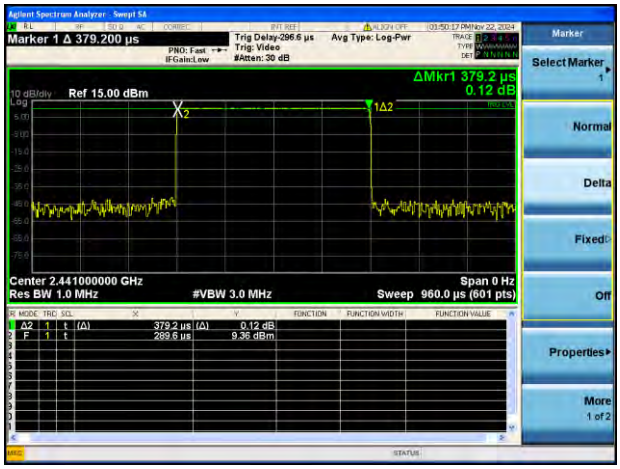
8-DPSK 3DH3



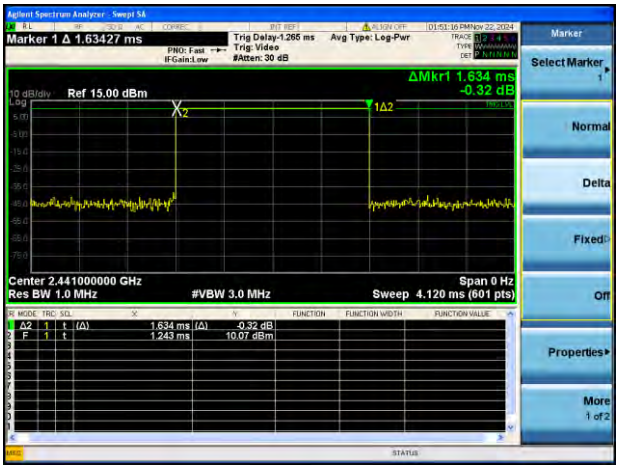
8-DPSK 3DH5



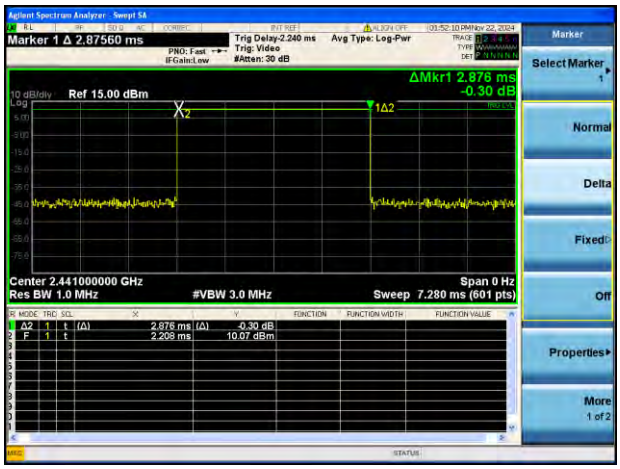
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



A.6 Conducted Spurious Emissions & Authorized-band band-edge

Test Data

Left Earphone:

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.63	9.31	-10.69	Pass
Middle	-34.84	9.07	-10.93	Pass
High	-35.38	9.30	-10.70	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.06	6.55	-13.45	Pass
Middle	-36.19	6.29	-13.72	Pass
High	-35.35	6.62	-13.38	Pass

Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-36.00	9.59	-10.41	Pass
8-DPSK	-35.53	6.21	-13.79	Pass

Right Earphone:

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.50	10.12	-9.88	Pass
Middle	-35.96	10.17	-9.83	Pass
High	-35.74	10.12	-9.88	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.39	7.30	-12.70	Pass
Middle	-35.86	7.56	-12.44	Pass
High	-35.27	7.26	-12.74	Pass

Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-36.15	10.10	-9.90	Pass
8-DPSK	-33.85	7.72	-12.28	Pass

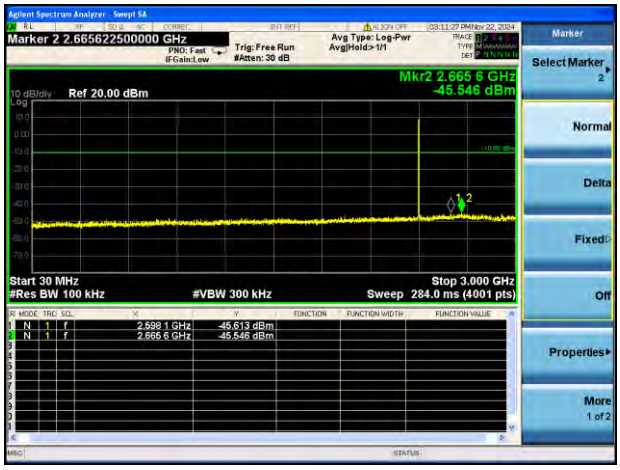
Test Plots

Left Earphone:

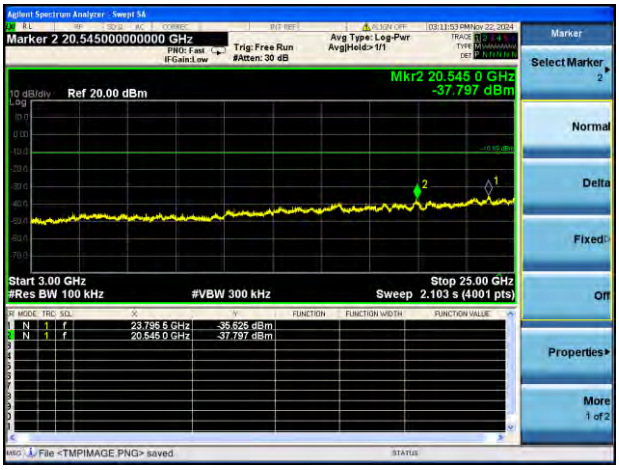
GFSK LOW CHANNEL, CARRIER LEVEL

GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

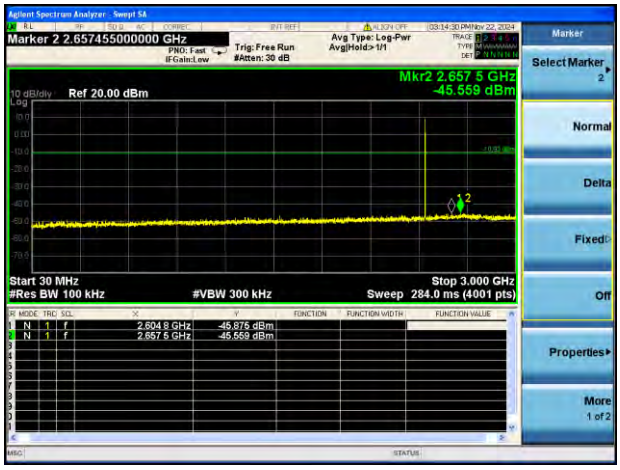


GFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



GFSK MIDDLE CHANNEL, CARRIER LEVEL

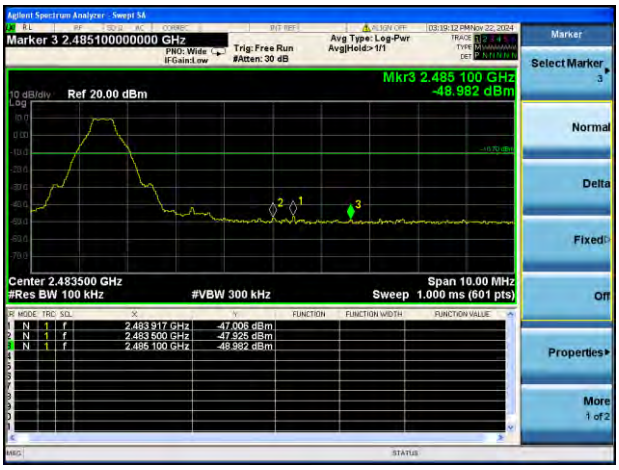
GFSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



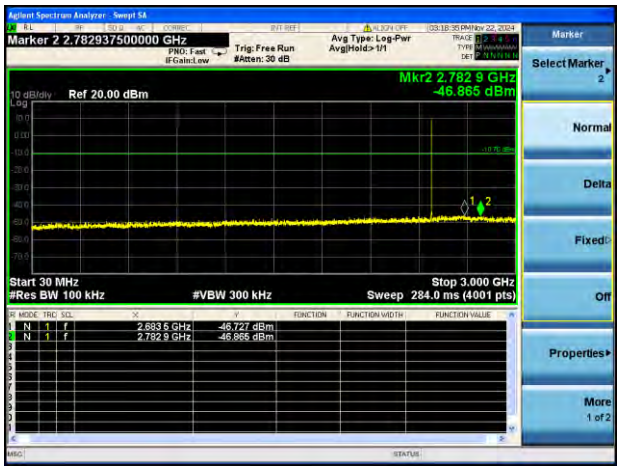
GFSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

GFSK HIGH CHANNEL, CARRIER LEVEL

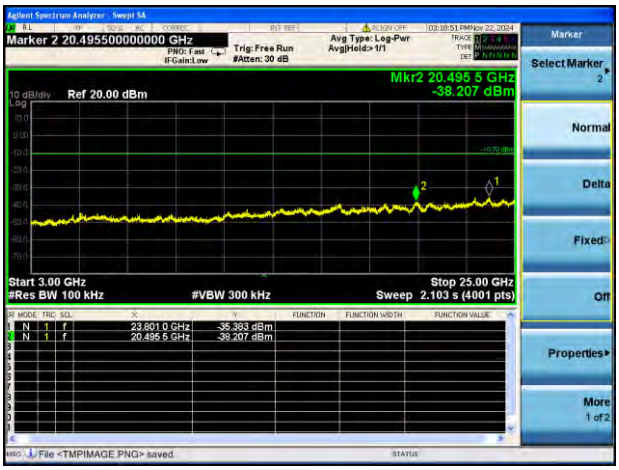
GFSK HIGH CHANNEL, BAND EDGE



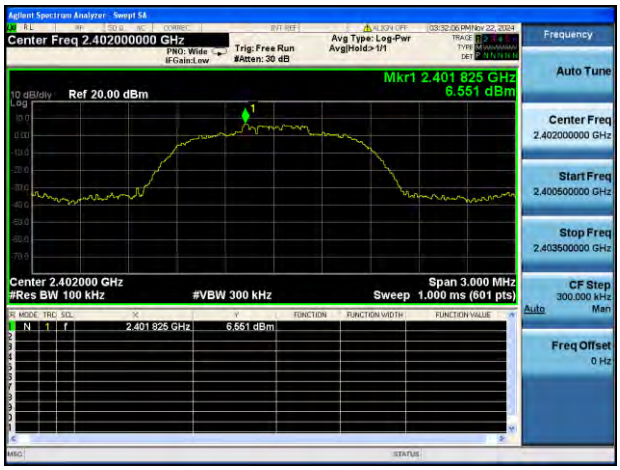
GFSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



GFSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

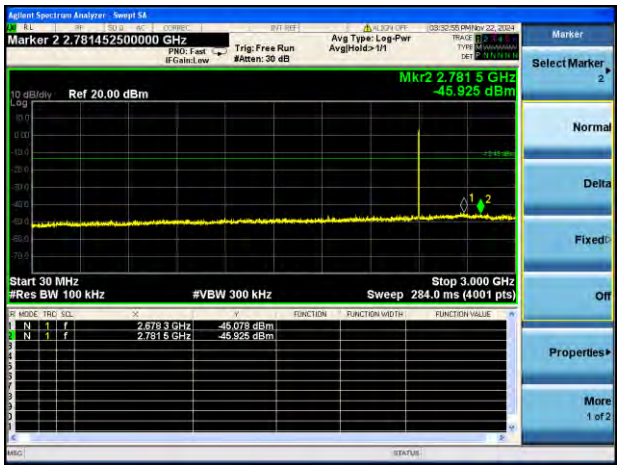


8-DPSK LOW CHANNEL, CARRIER LEVEL

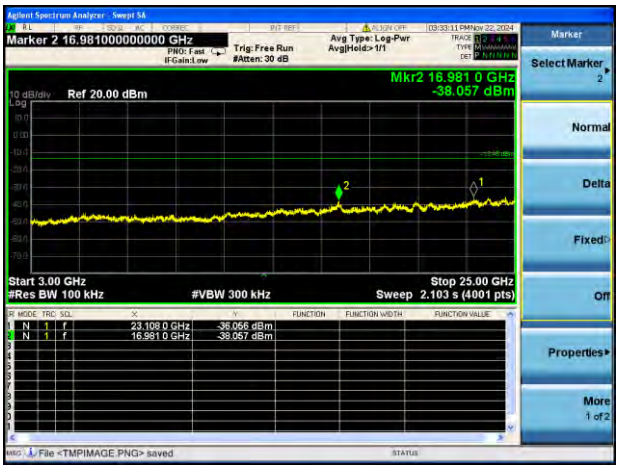


8-DPSK LOW CHANNEL, BAND EDGE

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

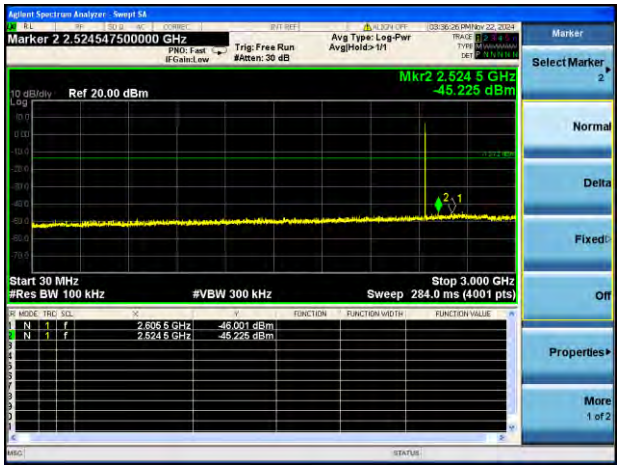


8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

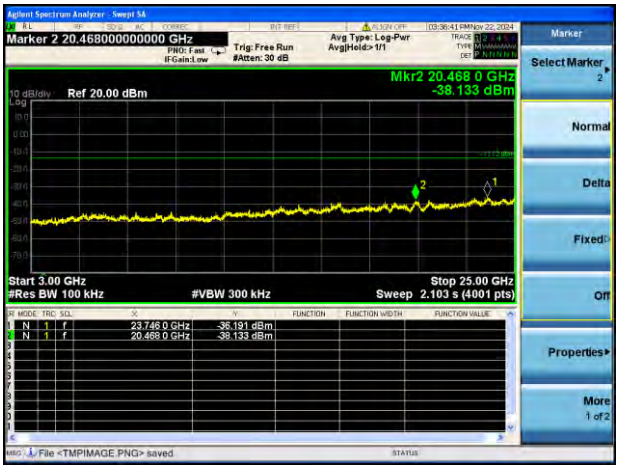


8-DPSK MIDDLE CHANNEL, CARRIER LEVEL

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



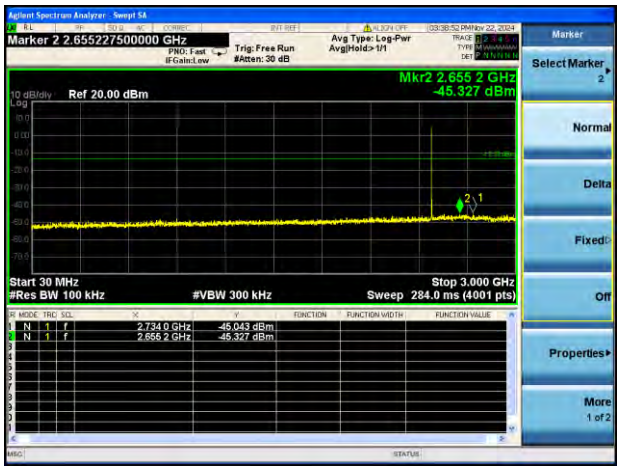
8-DPSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



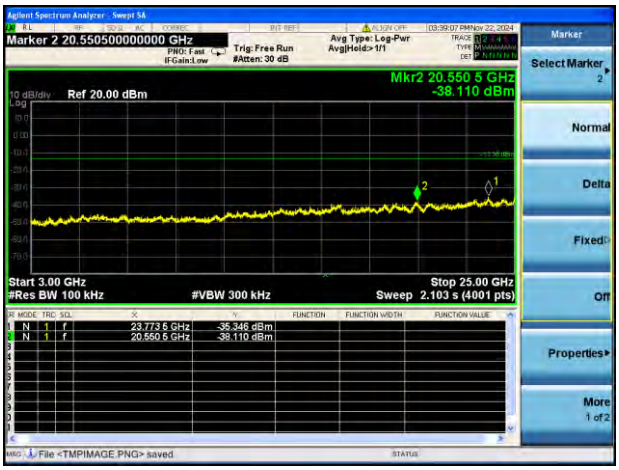
8-DPSK HIGH CHANNEL, CARRIER LEVEL

8-DPSK HIGH CHANNEL, BAND EDGE

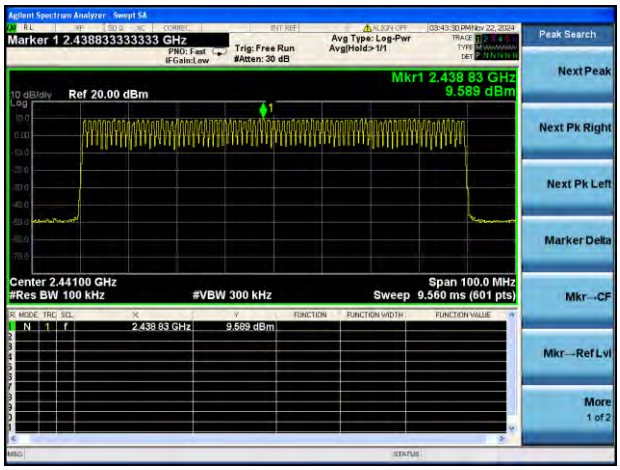
8-DPSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



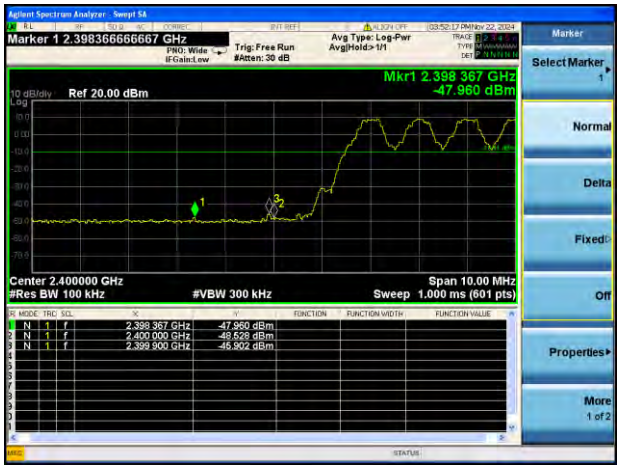
8-DPSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



GFSK HOPPING, CARRIER LEVEL

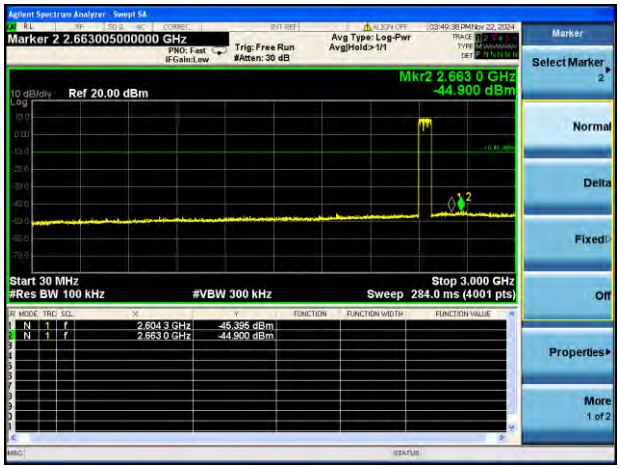


GFSK HOPPING BAND EDGE (LOW)

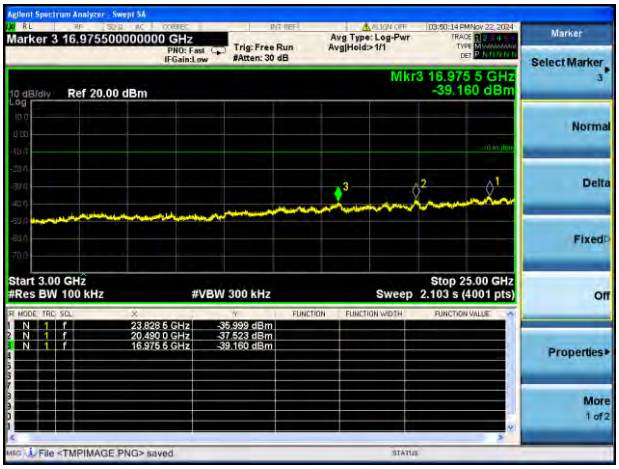


GFSK HOPPING BAND EDGE (HIGH)

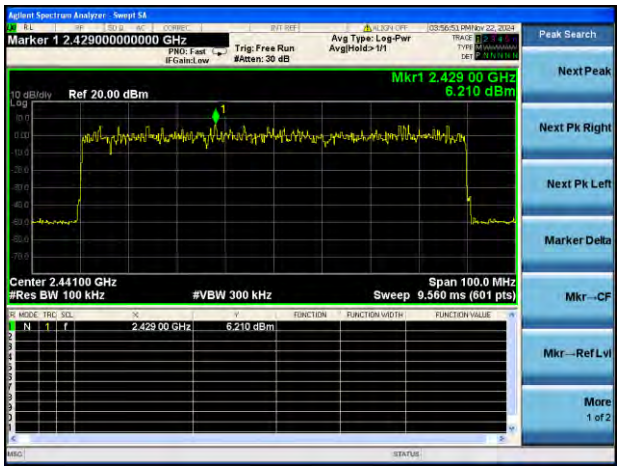
GFSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz



GFSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



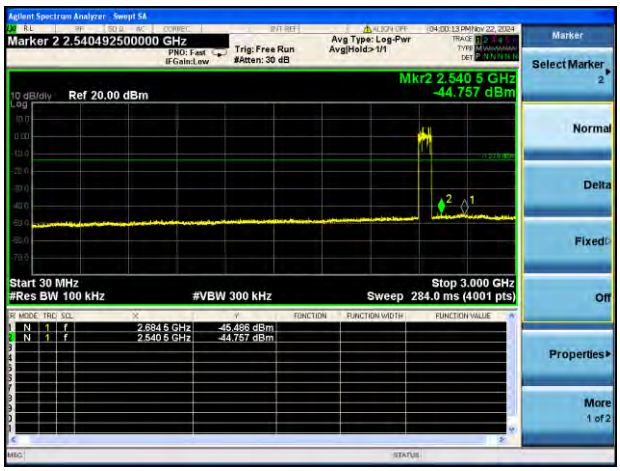
8-DPSK HOPPING, CARRIER LEVEL



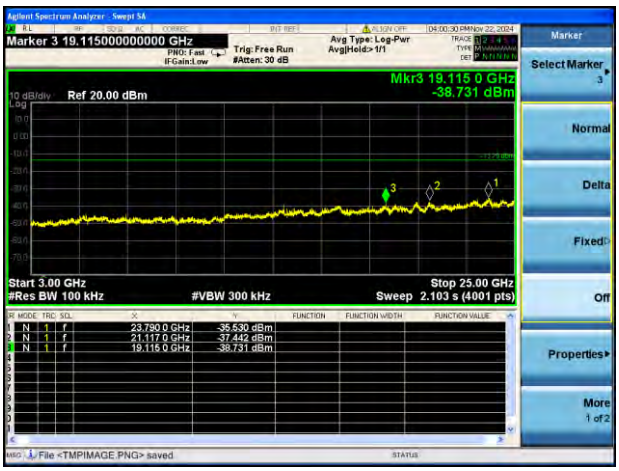
8-DPSK Hopping BAND EDGE (LOW)

8-DPSK Hopping BAND EDGE (HIGH)

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



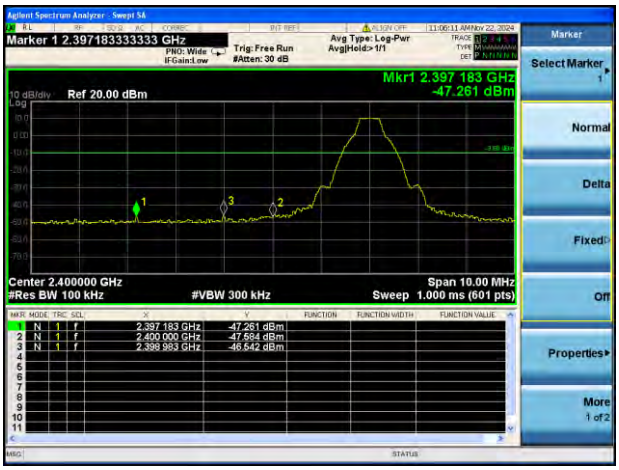
8-DPSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



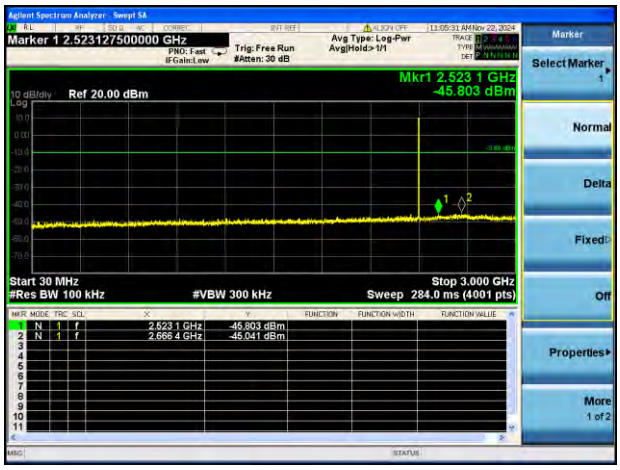
Right Earphone:

GFSK LOW CHANNEL, CARRIER LEVEL

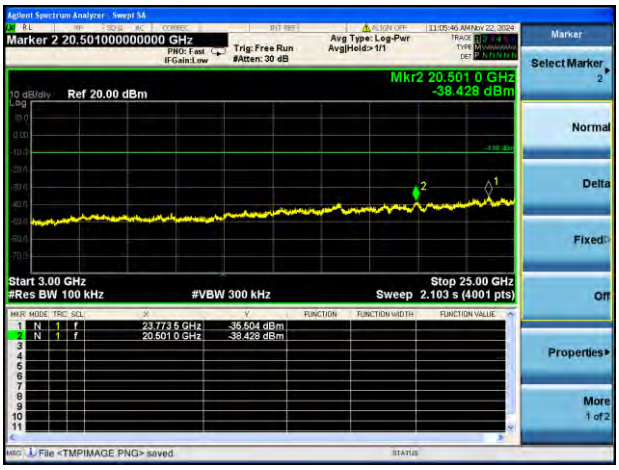
GFSK LOW CHANNEL, BAND EDGE



GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

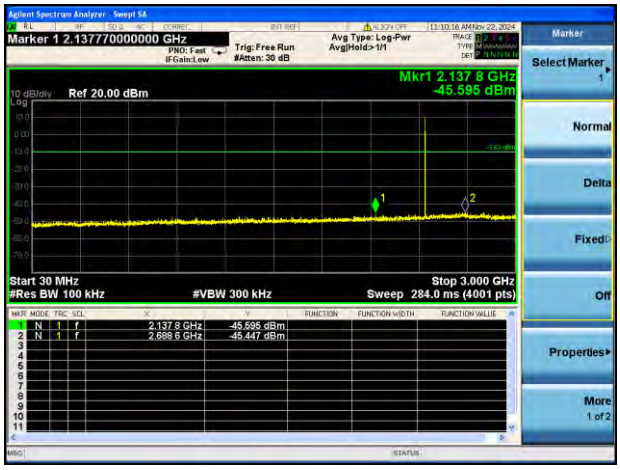


GFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

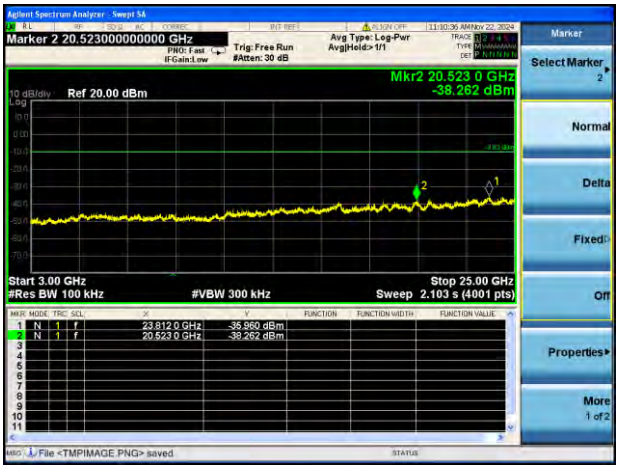


GFSK MIDDLE CHANNEL, CARRIER LEVEL

GFSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



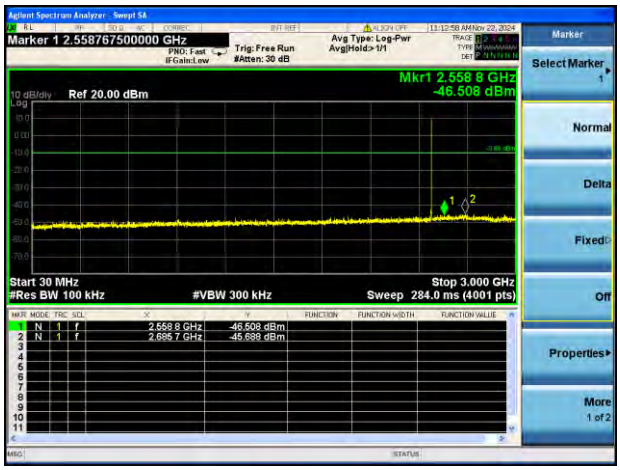
GFSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



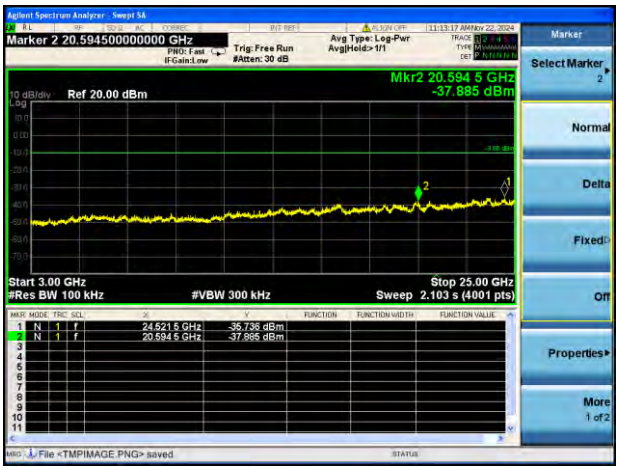
GFSK HIGH CHANNEL, CARRIER LEVEL

GFSK HIGH CHANNEL, BAND EDGE

GFSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



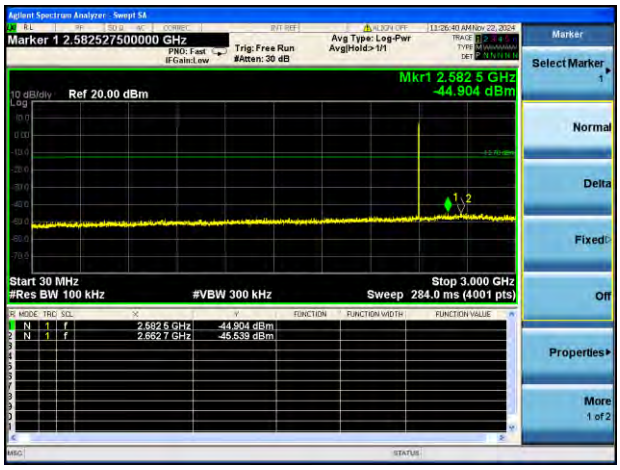
GFSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



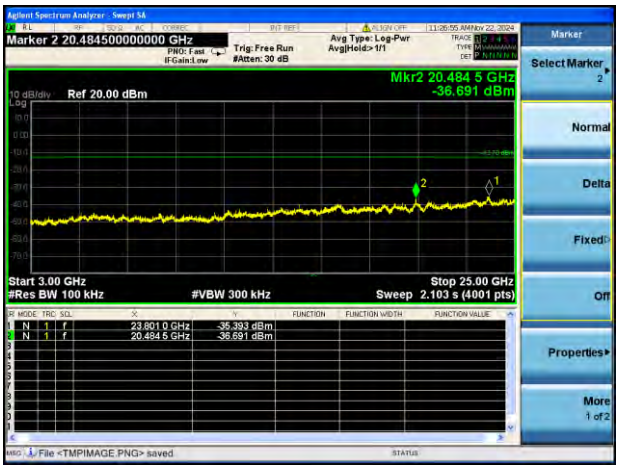
8-DPSK LOW CHANNEL, CARRIER LEVEL

8-DPSK LOW CHANNEL, BAND EDGE

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

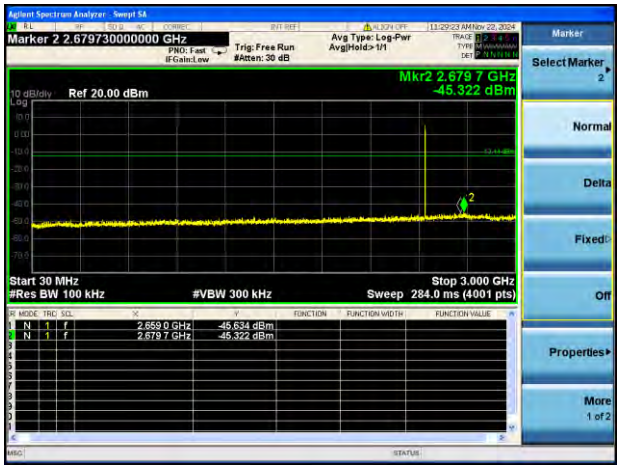


8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



8-DPSK MIDDLE CHANNEL, CARRIER LEVEL

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

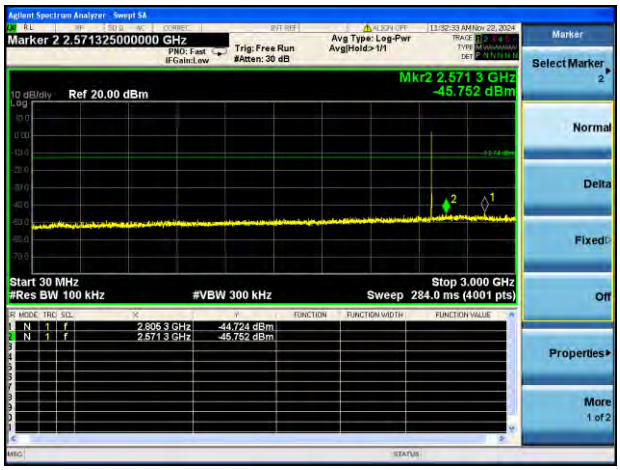


8-DPSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

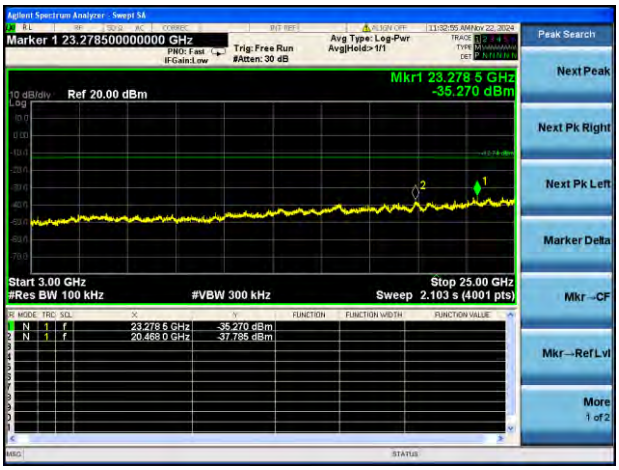
8-DPSK HIGH CHANNEL, CARRIER LEVEL

8-DPSK HIGH CHANNEL, BAND EDGE

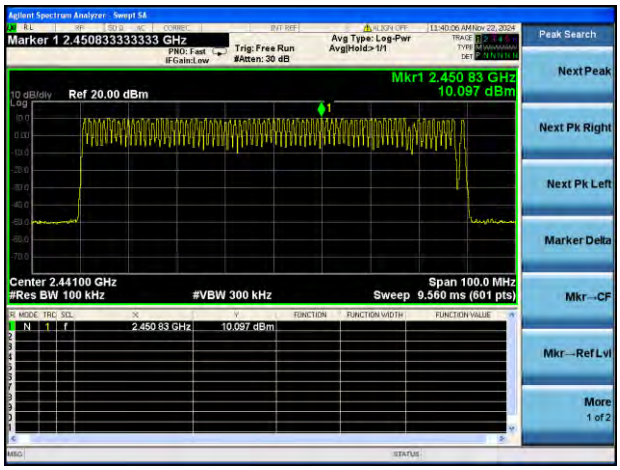
8-DPSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



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



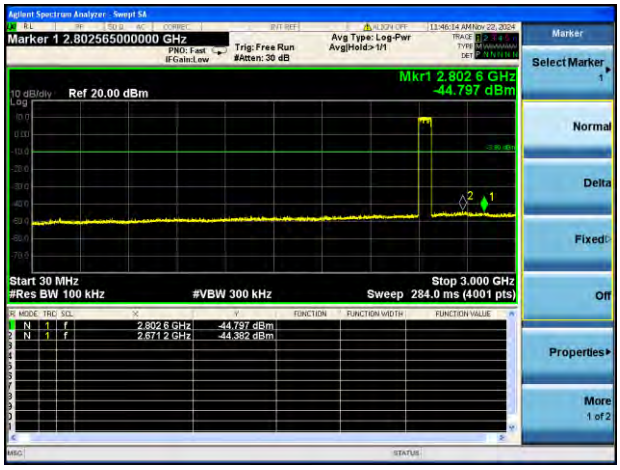
GFSK HOPPING, CARRIER LEVEL



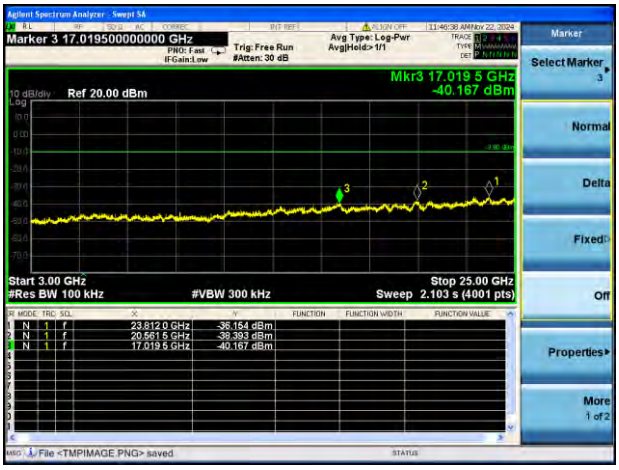
GFSK HOPPING BAND EDGE (LOW)

GFSK HOPPING BAND EDGE (HIGH)

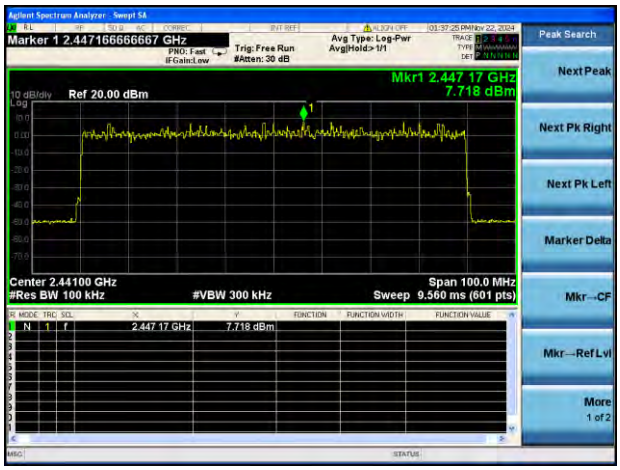
GFSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz



GFSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



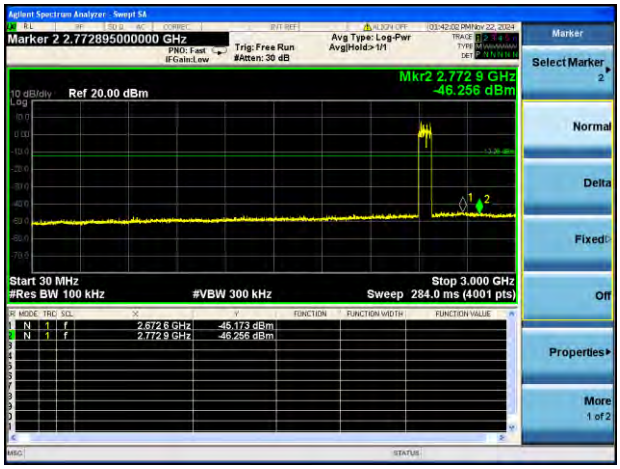
8-DPSK HOPPING, CARRIER LEVEL



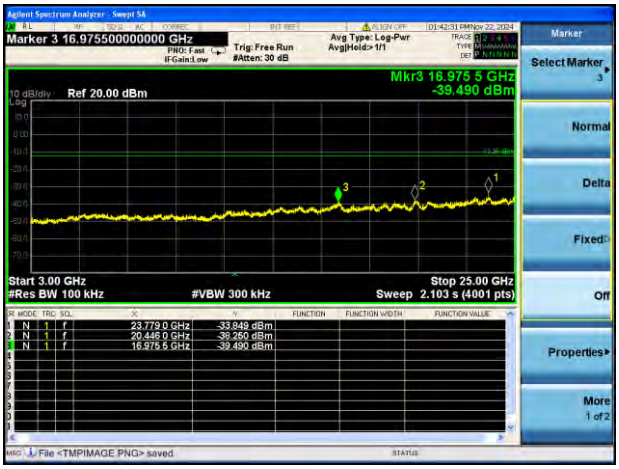
8-DPSK Hopping BAND EDGE (LOW)

8-DPSK Hopping BAND EDGE (HIGH)

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



8-DPSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



A.7 Conducted Emissions

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

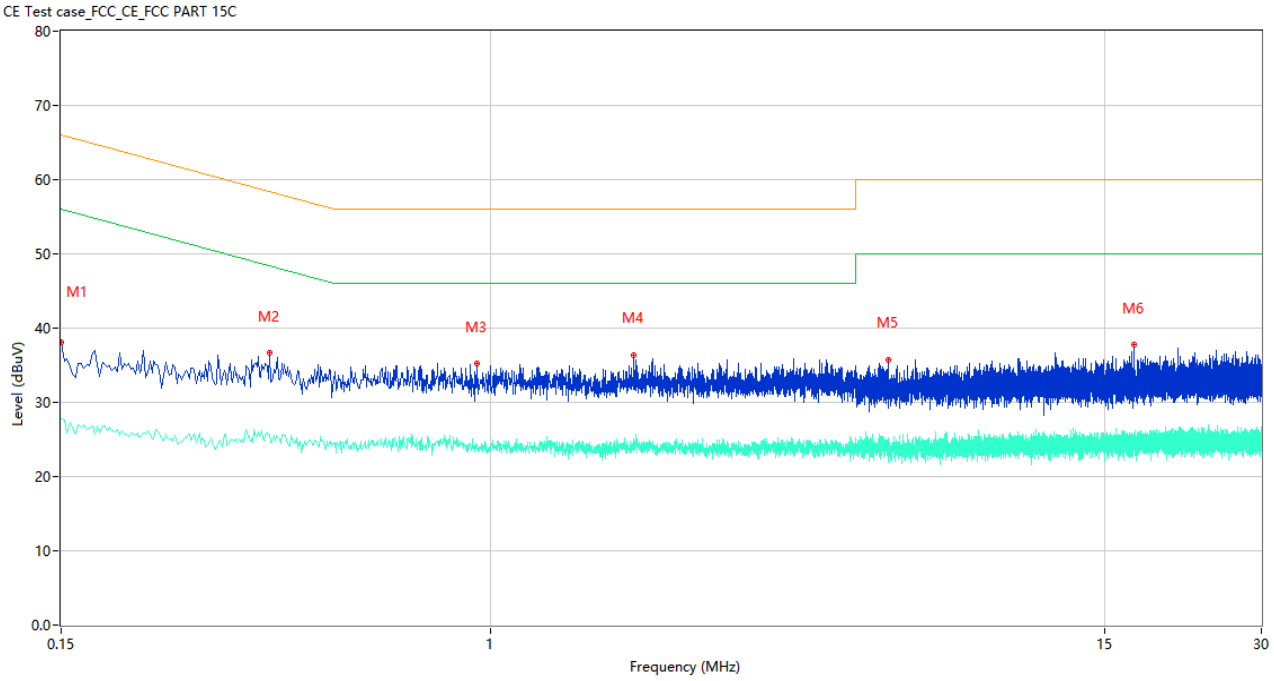
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

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

Test Data and Plots

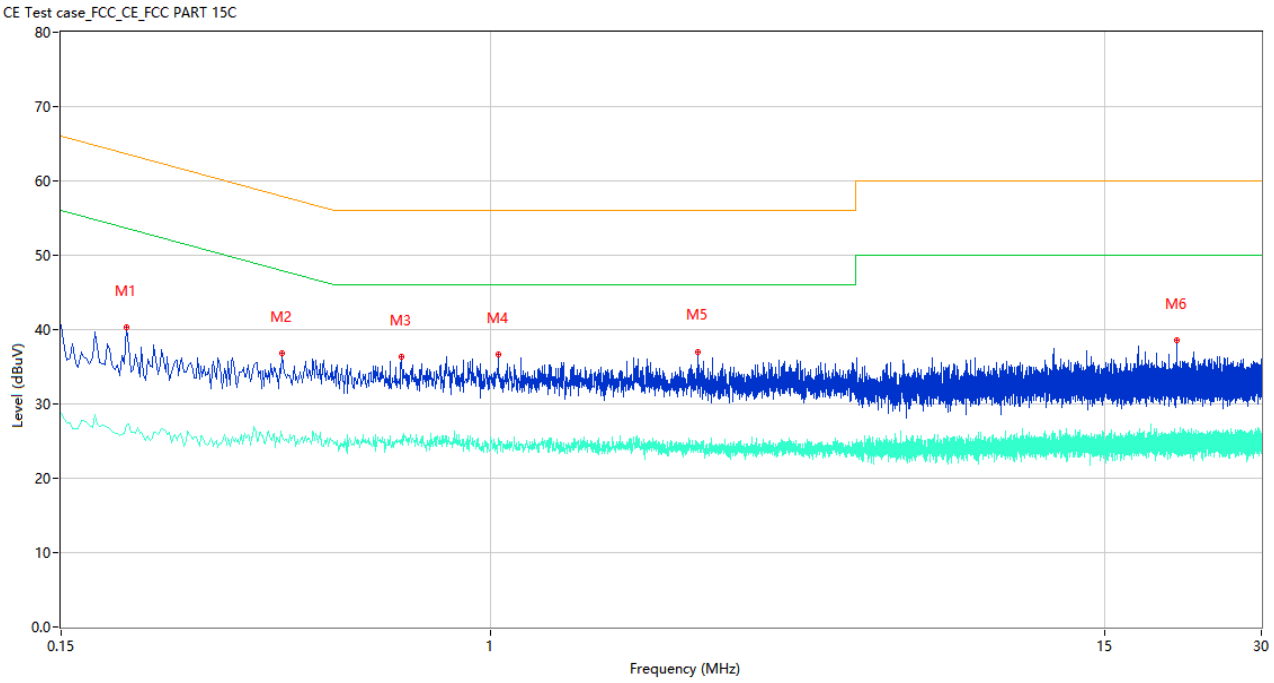
Left Earphone:

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	38.02	9.78	66.00	27.98	Peak	L	Pass
1**	0.150	27.85	9.78	56.00	28.15	AV	L	Pass
2	0.376	36.64	10.65	58.37	21.73	Peak	L	Pass
2**	0.376	25.68	10.65	48.37	22.69	AV	L	Pass
3	0.940	35.22	10.08	56.00	20.78	Peak	L	Pass
3**	0.940	24.27	10.08	46.00	21.73	AV	L	Pass
4	1.882	36.40	10.54	56.00	19.60	Peak	L	Pass
4**	1.882	24.34	10.54	46.00	21.66	AV	L	Pass
5	5.768	35.76	10.41	60.00	24.24	Peak	L	Pass
5**	5.768	24.95	10.41	50.00	25.05	AV	L	Pass
6	17.136	37.70	10.97	60.00	22.30	Peak	L	Pass
6**	17.136	25.37	10.97	50.00	24.63	AV	L	Pass

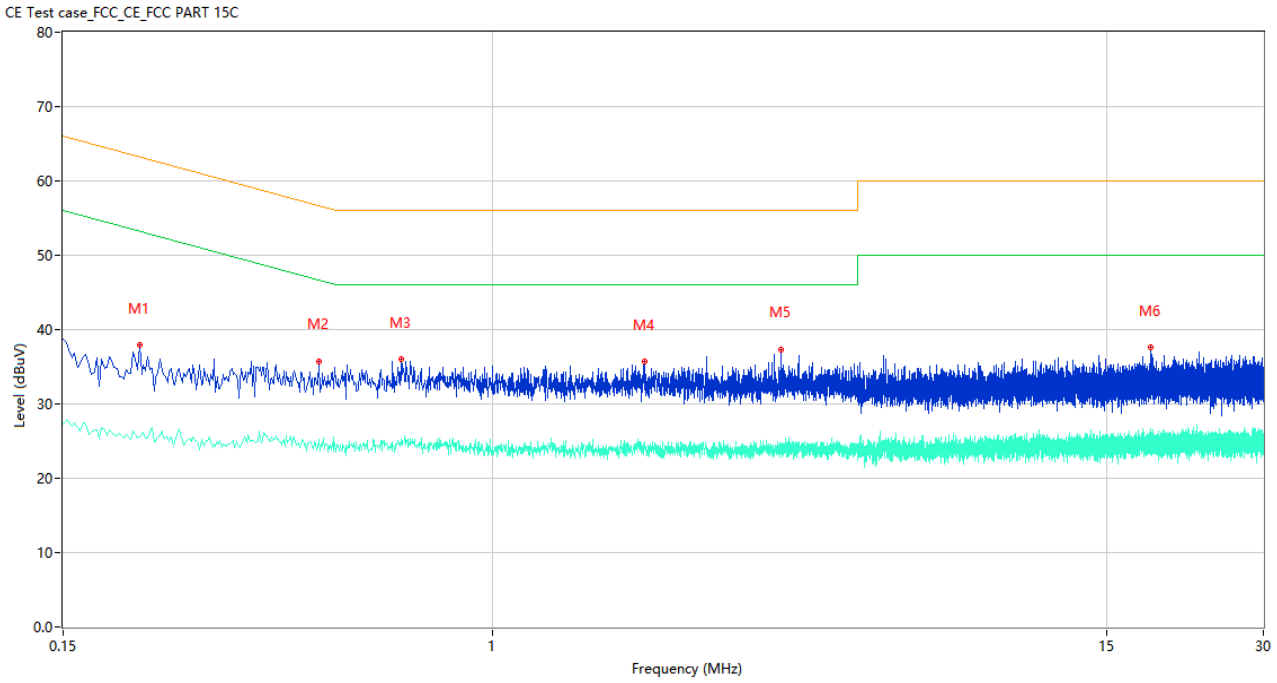
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.200	40.30	9.77	63.61	23.31	Peak	N	Pass
1**	0.200	27.20	9.77	53.61	26.41	AV	N	Pass
2	0.398	36.82	10.56	57.90	21.08	Peak	N	Pass
2**	0.398	25.75	10.56	47.90	22.15	AV	N	Pass
3	0.674	36.30	10.43	56.00	19.70	Peak	N	Pass
3**	0.674	24.70	10.43	46.00	21.30	AV	N	Pass
4	1.034	36.63	10.11	56.00	19.37	Peak	N	Pass
4**	1.034	24.94	10.11	46.00	21.06	AV	N	Pass
5	2.498	37.05	10.17	56.00	18.95	Peak	N	Pass
5**	2.498	24.70	10.17	46.00	21.30	AV	N	Pass
6	20.682	38.55	10.86	60.00	21.45	Peak	N	Pass
6**	20.682	24.24	10.86	50.00	25.76	AV	N	Pass

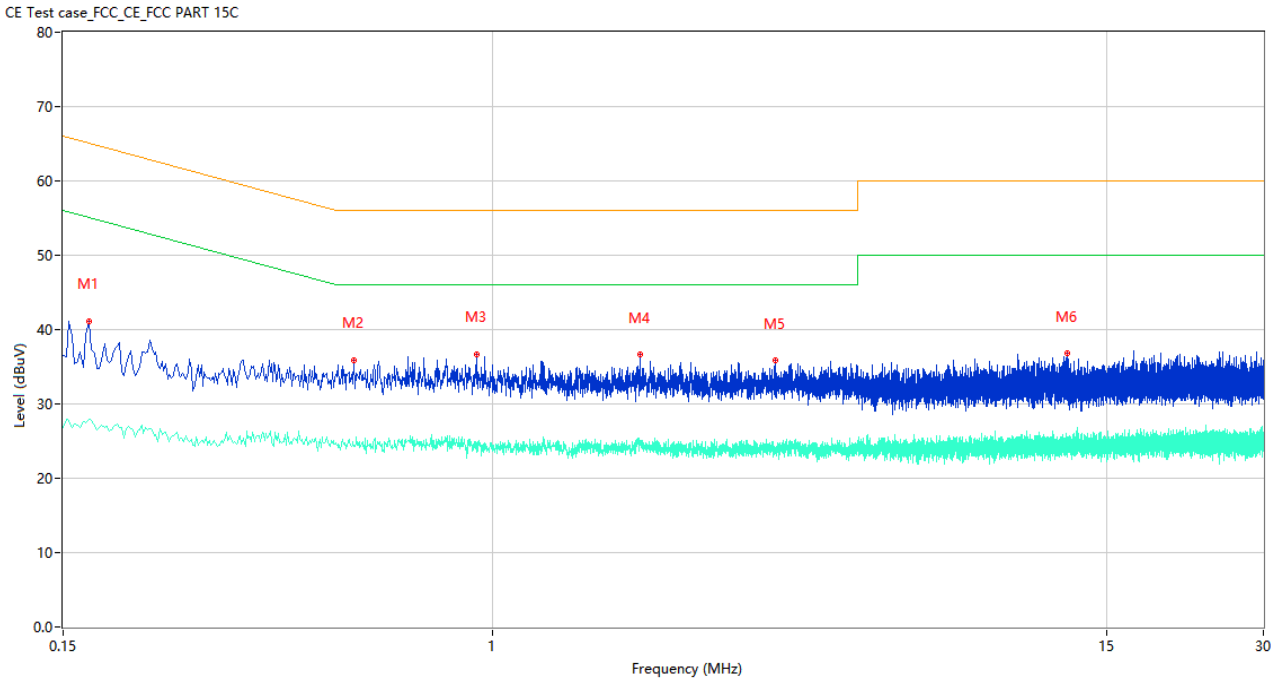
Right Earphone:

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.210	37.91	9.77	63.21	25.30	Peak	L	Pass
1**	0.210	25.54	9.77	53.21	27.67	AV	L	Pass
2	0.464	35.76	10.01	56.62	20.86	Peak	L	Pass
2**	0.464	25.20	10.01	46.62	21.42	AV	L	Pass
3	0.666	35.98	10.36	56.00	20.02	Peak	L	Pass
3**	0.666	25.27	10.36	46.00	20.73	AV	L	Pass
4	1.950	35.66	10.17	56.00	20.34	Peak	L	Pass
4**	1.950	24.20	10.17	46.00	21.80	AV	L	Pass
5	3.572	37.38	10.29	56.00	18.62	Peak	L	Pass
5**	3.572	24.26	10.29	46.00	21.74	AV	L	Pass
6	18.242	37.56	11.13	60.00	22.44	Peak	L	Pass
6**	18.242	25.61	11.13	50.00	24.39	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.168	41.18	9.78	65.06	23.88	Peak	N	Pass
1**	0.168	27.99	9.78	55.06	27.07	AV	N	Pass
2	0.542	35.91	10.02	56.00	20.09	Peak	N	Pass
2**	0.542	24.29	10.02	46.00	21.71	AV	N	Pass
3	0.930	36.71	10.10	56.00	19.29	Peak	N	Pass
3**	0.930	24.71	10.10	46.00	21.29	AV	N	Pass
4	1.916	36.60	10.54	56.00	19.40	Peak	N	Pass
4**	1.916	24.93	10.54	46.00	21.07	AV	N	Pass
5	3.484	35.84	10.12	56.00	20.16	Peak	N	Pass
5**	3.484	24.16	10.12	46.00	21.84	AV	N	Pass
6	12.632	36.82	10.51	60.00	23.18	Peak	N	Pass
6**	12.632	25.42	10.51	50.00	24.58	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.

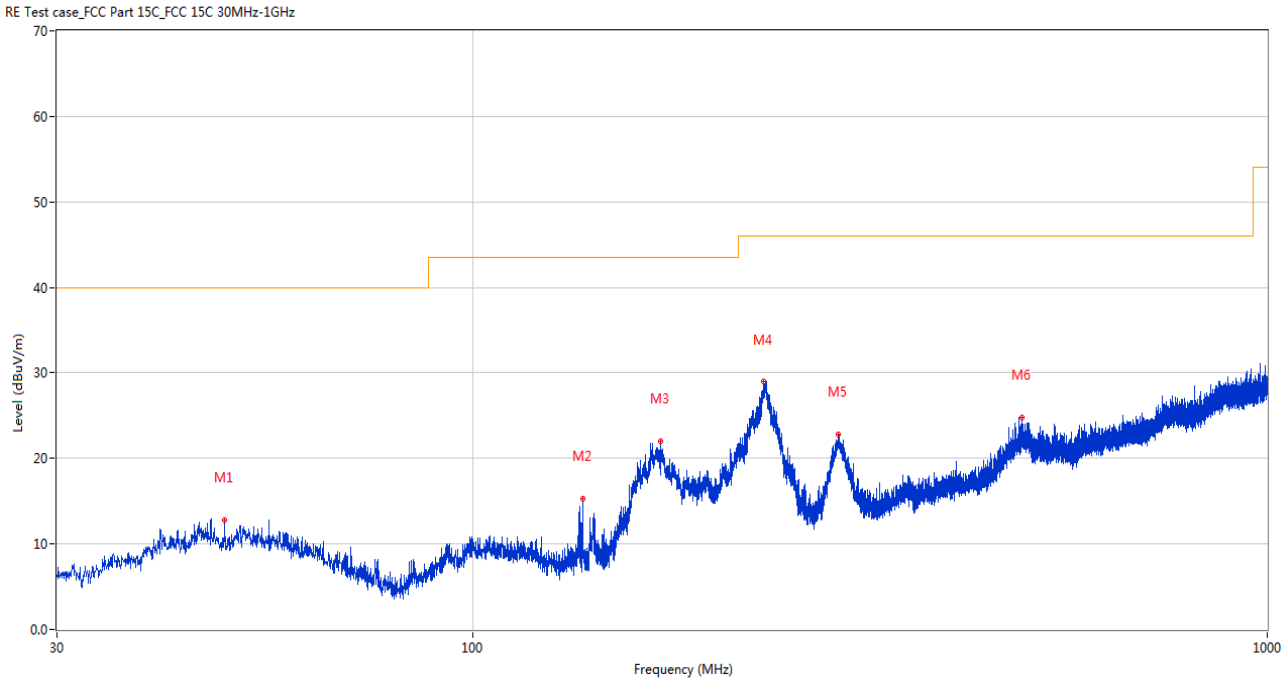
Note [4]: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

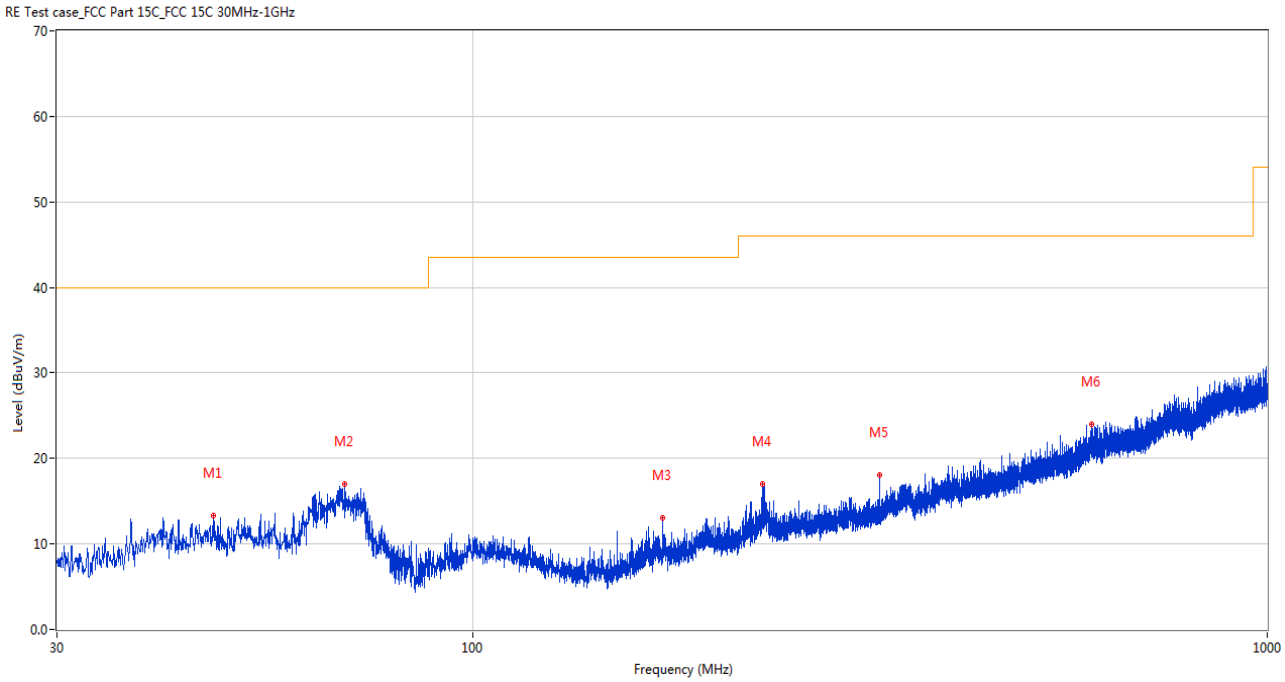
Left Earphone:

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.770	12.72	-25.17	40.0	27.28	Peak	163.30	100	Horizontal	Pass
2	137.573	15.34	-29.81	43.5	28.16	Peak	198.10	200	Horizontal	Pass
3	172.444	22.03	-28.45	43.5	21.47	Peak	245.00	200	Horizontal	Pass
4	232.682	28.94	-24.93	46.0	17.06	Peak	178.80	100	Horizontal	Pass
5	288.651	22.85	-23.15	46.0	23.15	Peak	323.60	100	Horizontal	Pass
6	491.962	24.81	-18.41	46.0	21.19	Peak	194.40	200	Horizontal	Pass

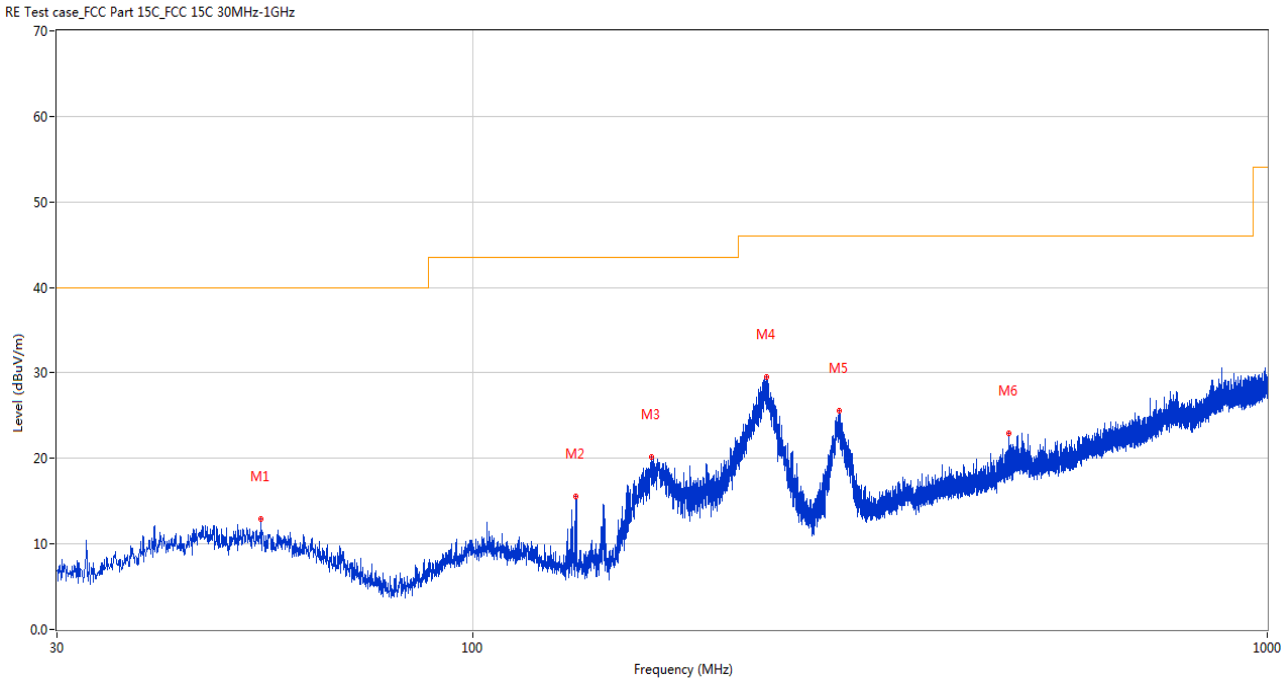
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.218	13.31	-24.85	40.0	26.69	Peak	103.70	100	Vertical	Pass
2	68.994	17.04	-29.16	40.0	22.96	Peak	24.90	100	Vertical	Pass
3	173.366	13.04	-28.29	43.5	30.46	Peak	101.80	100	Vertical	Pass
4	231.566	16.96	-25.06	46.0	29.04	Peak	16.70	100	Vertical	Pass
5	325.317	18.09	-22.62	46.0	27.91	Peak	274.10	100	Vertical	Pass
6	601.572	23.97	-15.03	46.0	22.03	Peak	229.10	100	Vertical	Pass

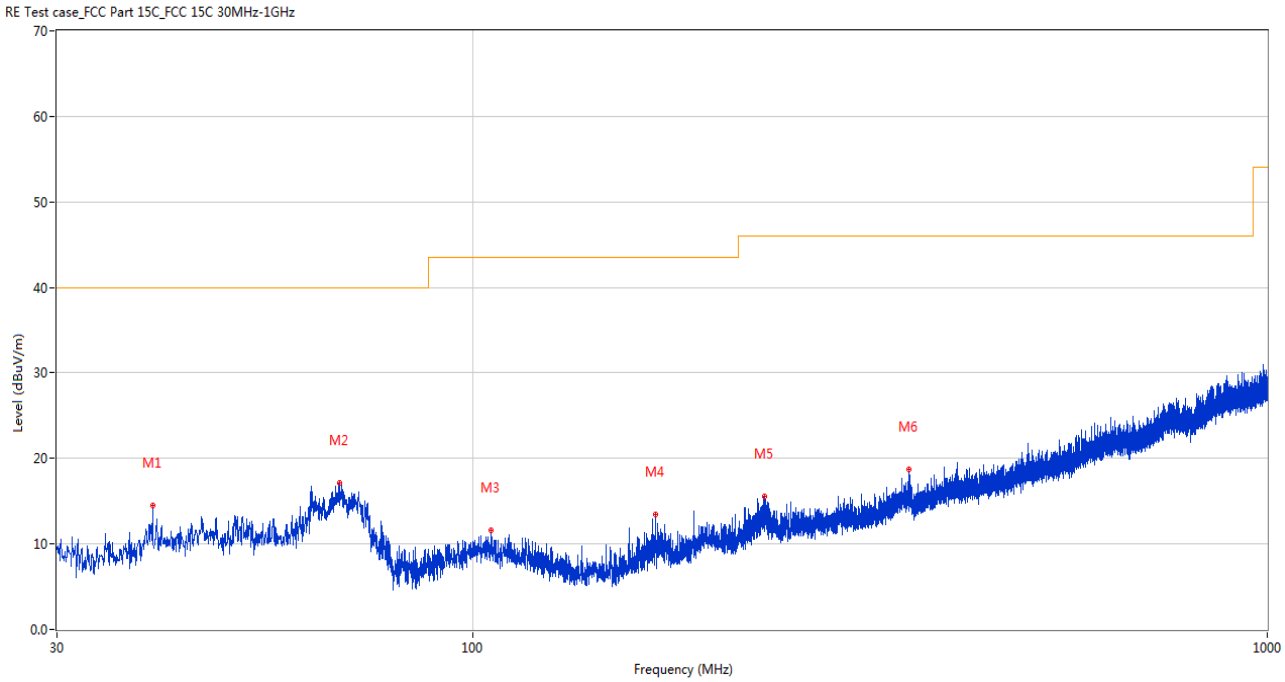
Right Earphone:

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.153	12.89	-24.85	40.0	27.11	Peak	303.80	200	Horizontal	Pass
2	135.051	15.56	-29.63	43.5	27.94	Peak	163.00	200	Horizontal	Pass
3	168.031	20.11	-28.49	43.5	23.39	Peak	61.70	100	Horizontal	Pass
4	234.379	29.58	-24.79	46.0	16.42	Peak	171.20	100	Horizontal	Pass
5	289.135	25.61	-23.07	46.0	20.39	Peak	160.90	100	Horizontal	Pass
6	472.999	22.96	-19.04	46.0	23.04	Peak	0.70	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.603	14.51	-26.05	40.0	25.49	Peak	359.10	100	Vertical	Pass
2	68.024	17.12	-28.38	40.0	22.88	Peak	82.00	100	Vertical	Pass
3	105.563	11.66	-26.58	43.5	31.84	Peak	143.30	100	Vertical	Pass
4	169.874	13.51	-28.40	43.5	29.99	Peak	112.80	100	Vertical	Pass
5	233.361	15.58	-24.85	46.0	30.42	Peak	65.80	100	Vertical	Pass
6	354.514	18.73	-21.00	46.0	27.27	Peak	0.30	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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.100	42.43	74.0	31.57	Peak	130.00	100	Horizontal	Pass
1**	1491.100	32.55	54.0	21.45	AV	130.00	100	Horizontal	Pass
2	2402.200	98.87	74.0	-24.87	Peak	268.00	150	Horizontal	N/A
2**	2402.200	98.66	54.0	-44.66	AV	268.00	150	Horizontal	N/A
3	4804.000	50.87	74.0	23.13	Peak	0.00	150	Horizontal	Pass
3**	4804.000	46.66	54.0	7.34	AV	0.00	150	Horizontal	Pass
4	6995.200	55.64	74.0	18.36	Peak	208.00	400	Horizontal	Pass
4**	6995.200	46.76	54.0	7.24	AV	208.00	400	Horizontal	Pass
5	12773.363	52.45	74.0	21.55	Peak	360.00	100	Horizontal	Pass
5**	12773.363	42.99	54.0	11.01	AV	360.00	100	Horizontal	Pass
6	17436.938	55.64	74.0	18.36	Peak	236.00	100	Horizontal	Pass
6**	17436.938	46.52	54.0	7.48	AV	236.00	100	Horizontal	Pass

GFSK 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	1553.300	43.02	74.0	30.98	Peak	360.00	300	Vertical	Pass
1**	1553.300	32.92	54.0	21.08	AV	360.00	300	Vertical	Pass
2	2402.200	91.09	74.0	-17.09	Peak	133.00	200	Vertical	N/A
2**	2402.200	90.89	54.0	-36.89	AV	133.00	200	Vertical	N/A
3	2666.300	54.10	74.0	19.90	Peak	193.00	100	Vertical	Pass
3**	2666.300	42.46	54.0	11.54	AV	193.00	100	Vertical	Pass
4	5323.600	55.01	74.0	18.99	Peak	310.00	150	Vertical	Pass
4**	5323.600	42.97	54.0	11.03	AV	310.00	150	Vertical	Pass
5	12742.237	52.37	74.0	21.63	Peak	311.00	300	Vertical	Pass
5**	12742.237	43.34	54.0	10.66	AV	311.00	300	Vertical	Pass
6	17446.388	56.49	74.0	17.51	Peak	360.00	300	Vertical	Pass
6**	17446.388	47.50	54.0	6.50	AV	360.00	300	Vertical	Pass

GFSK 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	1421.300	42.07	74.0	31.93	Peak	225.00	200	Horizontal	Pass
1**	1421.300	32.13	54.0	21.87	AV	225.00	200	Horizontal	Pass
2	2440.900	101.73	74.0	-27.73	Peak	83.00	100	Horizontal	N/A
2**	2440.900	101.23	54.0	-47.23	AV	83.00	100	Horizontal	N/A
3	4881.800	50.03	74.0	23.97	Peak	22.00	150	Horizontal	Pass
3**	4881.800	45.84	54.0	8.16	AV	22.00	150	Horizontal	Pass
4	6798.800	54.72	74.0	19.28	Peak	213.00	100	Horizontal	Pass
4**	6798.800	46.04	54.0	7.96	AV	213.00	100	Horizontal	Pass
5	11342.975	52.01	74.0	21.99	Peak	102.00	400	Horizontal	Pass
5**	11342.975	41.81	54.0	12.19	AV	102.00	400	Horizontal	Pass
6	17439.037	55.39	74.0	18.61	Peak	83.00	300	Horizontal	Pass
6**	17439.037	46.67	54.0	7.33	AV	83.00	300	Horizontal	Pass

GFSK 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	1597.000	42.00	74.0	32.00	Peak	360.00	300	Vertical	Pass
1**	1597.000	32.89	54.0	21.11	AV	360.00	300	Vertical	Pass
2	2440.900	94.07	74.0	-20.07	Peak	91.00	150	Vertical	N/A
2**	2440.900	93.40	54.0	-39.40	AV	91.00	150	Vertical	N/A
3	4974.800	51.49	74.0	22.51	Peak	212.00	200	Vertical	Pass
3**	4974.800	41.93	54.0	12.07	AV	212.00	200	Vertical	Pass
4	6625.000	54.69	74.0	19.31	Peak	360.00	300	Vertical	Pass
4**	6625.000	44.88	54.0	9.12	AV	360.00	300	Vertical	Pass
5	11937.526	51.87	74.0	22.13	Peak	257.00	100	Vertical	Pass
5**	11937.526	42.91	54.0	11.09	AV	257.00	100	Vertical	Pass
6	17475.000	54.94	74.0	19.06	Peak	37.00	200	Vertical	Pass
6**	17475.000	46.16	54.0	7.84	AV	37.00	200	Vertical	Pass

GFSK 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	1559.500	41.85	74.0	32.15	Peak	344.00	200	Horizontal	Pass
1**	1559.500	32.51	54.0	21.49	AV	344.00	200	Horizontal	Pass
2	2480.100	101.06	74.0	-27.06	Peak	64.00	200	Horizontal	N/A
2**	2480.100	100.83	54.0	-46.83	AV	64.00	200	Horizontal	N/A
3	4978.200	51.35	74.0	22.65	Peak	90.00	150	Horizontal	Pass
3**	4978.200	42.99	54.0	11.01	AV	90.00	150	Horizontal	Pass
4	6806.400	54.85	74.0	19.15	Peak	0.00	400	Horizontal	Pass
4**	6806.400	47.13	54.0	6.87	AV	0.00	400	Horizontal	Pass
5	11896.988	52.53	74.0	21.47	Peak	342.00	200	Horizontal	Pass
5**	11896.988	42.47	54.0	11.53	AV	342.00	200	Horizontal	Pass
6	16129.688	56.24	74.0	17.76	Peak	117.00	300	Horizontal	Pass
6**	16129.688	45.03	54.0	8.97	AV	117.00	300	Horizontal	Pass

GFSK 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	1331.600	46.78	74.0	27.22	Peak	136.00	200	Vertical	Pass
1**	1331.600	32.38	54.0	21.62	AV	136.00	200	Vertical	Pass
2	2479.900	95.97	74.0	-21.97	Peak	109.00	200	Vertical	N/A
2**	2479.900	95.33	54.0	-41.33	AV	109.00	200	Vertical	N/A
3	2659.400	53.30	74.0	20.70	Peak	184.00	150	Vertical	Pass
3**	2659.400	42.79	54.0	11.21	AV	184.00	150	Vertical	Pass
4	6971.000	55.92	74.0	18.08	Peak	68.00	400	Vertical	Pass
4**	6971.000	45.98	54.0	8.02	AV	68.00	400	Vertical	Pass
5	12738.787	51.79	74.0	22.21	Peak	271.00	200	Vertical	Pass
5**	12738.787	41.98	54.0	12.02	AV	271.00	200	Vertical	Pass
6	17413.575	55.73	74.0	18.27	Peak	195.00	200	Vertical	Pass
6**	17413.575	46.13	54.0	7.87	AV	195.00	200	Vertical	Pass

8-DPSK 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	1555.700	42.78	74.0	31.22	Peak	360.00	200	Horizontal	Pass
1**	1555.700	32.52	54.0	21.48	AV	360.00	200	Horizontal	Pass
2	2402.200	95.93	74.0	-21.93	Peak	307.00	100	Horizontal	N/A
2**	2402.200	93.13	54.0	-39.13	AV	307.00	100	Horizontal	N/A
3	4966.800	51.91	74.0	22.09	Peak	352.00	100	Horizontal	Pass
3**	4966.800	43.11	54.0	10.89	AV	352.00	100	Horizontal	Pass
4	6979.000	55.74	74.0	18.26	Peak	360.00	400	Horizontal	Pass
4**	6979.000	47.53	54.0	6.47	AV	360.00	400	Horizontal	Pass
5	12414.488	52.51	74.0	21.49	Peak	336.00	100	Horizontal	Pass
5**	12414.488	43.89	54.0	10.11	AV	336.00	100	Horizontal	Pass
6	17423.550	55.89	74.0	18.11	Peak	221.00	400	Horizontal	Pass
6**	17423.550	45.98	54.0	8.02	AV	221.00	400	Horizontal	Pass

8-DPSK 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	1328.600	43.29	74.0	30.71	Peak	113.00	300	Vertical	Pass
1**	1328.600	33.95	54.0	20.05	AV	113.00	300	Vertical	Pass
2	2402.200	88.77	74.0	-14.77	Peak	131.00	200	Vertical	N/A
2**	2402.200	88.51	54.0	-34.51	AV	131.00	200	Vertical	N/A
3	2657.000	53.53	74.0	20.47	Peak	184.00	150	Vertical	Pass
3**	2657.000	43.94	54.0	10.06	AV	184.00	150	Vertical	Pass
4	6522.200	56.14	74.0	17.86	Peak	30.00	100	Vertical	Pass
4**	6522.200	45.28	54.0	8.72	AV	30.00	100	Vertical	Pass
5	11905.901	52.56	74.0	21.44	Peak	0.00	300	Vertical	Pass
5**	11905.901	42.99	54.0	11.01	AV	0.00	300	Vertical	Pass
6	17431.163	56.04	74.0	17.96	Peak	356.00	400	Vertical	Pass
6**	17431.163	47.05	54.0	6.95	AV	356.00	400	Vertical	Pass

8-DPSK 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	1262.500	42.24	74.0	31.76	Peak	0.00	400	Horizontal	Pass
1**	1262.500	32.47	54.0	21.53	AV	0.00	400	Horizontal	Pass
2	2440.900	100.54	74.0	-26.54	Peak	39.00	100	Horizontal	N/A
2**	2440.900	99.70	54.0	-45.70	AV	39.00	100	Horizontal	N/A
3	2987.100	51.89	74.0	22.11	Peak	22.00	150	Horizontal	Pass
3**	2987.100	43.09	54.0	10.91	AV	22.00	150	Horizontal	Pass
4	6980.400	55.19	74.0	18.81	Peak	45.00	400	Horizontal	Pass
4**	6980.400	47.19	54.0	6.81	AV	45.00	400	Horizontal	Pass
5	10924.662	52.49	74.0	21.51	Peak	9.00	100	Horizontal	Pass
5**	10924.662	42.95	54.0	11.05	AV	9.00	100	Horizontal	Pass
6	17421.713	55.60	74.0	18.40	Peak	238.00	400	Horizontal	Pass
6**	17421.713	46.64	54.0	7.36	AV	238.00	400	Horizontal	Pass

8-DPSK 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	1533.600	43.22	74.0	30.78	Peak	190.00	300	Vertical	Pass
1**	1533.600	33.01	54.0	20.99	AV	190.00	300	Vertical	Pass
2	2441.000	93.77	74.0	-19.77	Peak	106.00	100	Vertical	N/A
2**	2441.000	91.36	54.0	-37.36	AV	106.00	100	Vertical	N/A
3	2656.600	53.43	74.0	20.57	Peak	190.00	100	Vertical	Pass
3**	2656.600	44.13	54.0	9.87	AV	190.00	100	Vertical	Pass
4	6976.800	55.57	74.0	18.43	Peak	60.00	400	Vertical	Pass
4**	6976.800	46.67	54.0	7.33	AV	60.00	400	Vertical	Pass
5	11825.401	52.22	74.0	21.78	Peak	180.00	400	Vertical	Pass
5**	11825.401	43.46	54.0	10.54	AV	180.00	400	Vertical	Pass
6	16298.738	55.96	74.0	18.04	Peak	360.00	300	Vertical	Pass
6**	16298.738	46.42	54.0	7.58	AV	360.00	300	Vertical	Pass

8-DPSK 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	1395.300	42.08	74.0	31.92	Peak	191.00	300	Horizontal	Pass
1**	1395.300	33.13	54.0	20.87	AV	191.00	300	Horizontal	Pass
2	2480.200	98.90	74.0	-24.90	Peak	43.00	100	Horizontal	N/A
2**	2480.200	96.98	54.0	-42.98	AV	43.00	100	Horizontal	N/A
3	4985.800	52.74	74.0	21.26	Peak	163.00	200	Horizontal	Pass
3**	4985.800	42.84	54.0	11.16	AV	163.00	200	Horizontal	Pass
4	6998.200	55.36	74.0	18.64	Peak	163.00	400	Horizontal	Pass
4**	6998.200	46.37	54.0	7.63	AV	163.00	400	Horizontal	Pass
5	12729.875	52.69	74.0	21.31	Peak	180.00	300	Horizontal	Pass
5**	12729.875	42.91	54.0	11.09	AV	180.00	300	Horizontal	Pass
6	17409.901	55.91	74.0	18.09	Peak	360.00	200	Horizontal	Pass
6**	17409.901	47.07	54.0	6.93	AV	360.00	200	Horizontal	Pass

8-DPSK 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	1327.800	42.80	74.0	31.20	Peak	118.00	200	Vertical	Pass
1**	1327.800	32.60	54.0	21.40	AV	118.00	200	Vertical	Pass
2	2480.100	94.38	74.0	-20.38	Peak	110.00	100	Vertical	N/A
2**	2480.100	91.75	54.0	-37.75	AV	110.00	100	Vertical	N/A
3	2664.800	53.54	74.0	20.46	Peak	195.00	200	Vertical	Pass
3**	2664.800	45.16	54.0	8.84	AV	195.00	200	Vertical	Pass
4	5328.600	55.08	74.0	18.92	Peak	175.00	150	Vertical	Pass
4**	5328.600	42.93	54.0	11.07	AV	175.00	150	Vertical	Pass
5	10927.250	52.71	74.0	21.29	Peak	183.00	400	Vertical	Pass
5**	10927.250	42.88	54.0	11.12	AV	183.00	400	Vertical	Pass
6	17432.474	55.52	74.0	18.48	Peak	122.00	200	Vertical	Pass
6**	17432.474	47.31	54.0	6.69	AV	122.00	200	Vertical	Pass

Right Earphone:

GFSK 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	1290.000	42.48	74.0	31.52	Peak	201.00	200	Horizontal	Pass
1**	1290.000	32.79	54.0	21.21	AV	201.00	200	Horizontal	Pass
2	2402.100	98.13	74.0	-24.13	Peak	329.00	100	Horizontal	N/A
2**	2402.100	97.82	54.0	-43.82	AV	329.00	100	Horizontal	N/A
3	4804.000	51.27	74.0	22.73	Peak	249.00	150	Horizontal	Pass
3**	4804.000	47.00	54.0	7.00	AV	249.00	150	Horizontal	Pass
4	4804.400	52.22	74.0	21.78	Peak	249.00	200	Horizontal	Pass
4**	4804.400	46.31	54.0	7.69	AV	249.00	200	Horizontal	Pass
5	11498.225	52.01	74.0	21.99	Peak	51.00	400	Horizontal	Pass
5**	11498.225	42.36	54.0	11.64	AV	51.00	400	Horizontal	Pass
6	17389.162	55.57	74.0	18.43	Peak	163.00	400	Horizontal	Pass
6**	17389.162	46.40	54.0	7.60	AV	163.00	400	Horizontal	Pass

GFSK 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	1574.600	42.85	74.0	31.15	Peak	84.00	100	Vertical	Pass
1**	1574.600	32.50	54.0	21.50	AV	84.00	100	Vertical	Pass
2	2402.100	91.15	74.0	-17.15	Peak	43.00	200	Vertical	N/A
2**	2402.100	90.77	54.0	-36.77	AV	43.00	200	Vertical	N/A
3	2659.300	52.91	74.0	21.09	Peak	200.00	100	Vertical	Pass
3**	2659.300	42.39	54.0	11.61	AV	200.00	100	Vertical	Pass
4	5313.000	57.98	74.0	16.02	Peak	64.00	150	Vertical	Pass
4**	5313.000	43.93	54.0	10.07	AV	64.00	150	Vertical	Pass
5	11323.425	52.29	74.0	21.71	Peak	19.00	400	Vertical	Pass
5**	11323.425	42.34	54.0	11.66	AV	19.00	400	Vertical	Pass
6	17407.537	55.52	74.0	18.48	Peak	96.00	400	Vertical	Pass
6**	17407.537	46.19	54.0	7.81	AV	96.00	400	Vertical	Pass

GFSK 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	1387.300	42.43	74.0	31.57	Peak	223.00	200	Horizontal	Pass
1**	1387.300	33.54	54.0	20.46	AV	223.00	200	Horizontal	Pass
2	2441.200	98.83	74.0	-24.83	Peak	258.00	150	Horizontal	N/A
2**	2441.200	98.57	54.0	-44.57	AV	258.00	150	Horizontal	N/A
3	4882.400	51.25	74.0	22.75	Peak	357.00	150	Horizontal	Pass
3**	4882.400	47.20	54.0	6.80	AV	357.00	150	Horizontal	Pass
4	6785.000	55.46	74.0	18.54	Peak	360.00	300	Horizontal	Pass
4**	6785.000	45.41	54.0	8.59	AV	360.00	300	Horizontal	Pass
5	12720.099	52.21	74.0	21.79	Peak	46.00	200	Horizontal	Pass
5**	12720.099	42.92	54.0	11.08	AV	46.00	200	Horizontal	Pass
6	17425.650	56.03	74.0	17.97	Peak	27.00	200	Horizontal	Pass
6**	17425.650	47.06	54.0	6.94	AV	27.00	200	Horizontal	Pass

GFSK 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	1357.700	42.02	74.0	31.98	Peak	151.00	300	Vertical	Pass
1**	1357.700	32.68	54.0	21.32	AV	151.00	300	Vertical	Pass
2	2441.200	92.32	74.0	-18.32	Peak	125.00	200	Vertical	N/A
2**	2441.200	91.93	54.0	-37.93	AV	125.00	200	Vertical	N/A
3	2662.400	53.70	74.0	20.30	Peak	28.00	200	Vertical	Pass
3**	2662.400	43.04	54.0	10.96	AV	28.00	200	Vertical	Pass
4	5162.400	49.99	74.0	24.01	Peak	0.00	150	Vertical	Pass
4**	5162.400	46.40	54.0	7.60	AV	0.00	150	Vertical	Pass
5	5326.200	56.07	74.0	17.93	Peak	49.00	150	Vertical	Pass
5**	5326.200	44.16	54.0	9.84	AV	49.00	150	Vertical	Pass
6	17432.738	55.60	74.0	18.40	Peak	360.00	300	Vertical	Pass
6**	17432.738	46.78	54.0	7.22	AV	360.00	300	Vertical	Pass

GFSK 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	1559.500	41.85	74.0	32.15	Peak	344.00	200	Horizontal	Pass
1**	1559.500	32.51	54.0	21.49	AV	344.00	200	Horizontal	Pass
2	2480.100	101.06	74.0	-27.06	Peak	64.00	200	Horizontal	N/A
2**	2480.100	100.83	54.0	-46.83	AV	64.00	200	Horizontal	N/A
3	4978.200	51.35	74.0	22.65	Peak	90.00	150	Horizontal	Pass
3**	4978.200	42.99	54.0	11.01	AV	90.00	150	Horizontal	Pass
4	6806.400	54.85	74.0	19.15	Peak	0.00	400	Horizontal	Pass
4**	6806.400	47.13	54.0	6.87	AV	0.00	400	Horizontal	Pass
5	11896.988	52.53	74.0	21.47	Peak	342.00	200	Horizontal	Pass
5**	11896.988	42.47	54.0	11.53	AV	342.00	200	Horizontal	Pass
6	16129.688	56.24	74.0	17.76	Peak	117.00	300	Horizontal	Pass
6**	16129.688	45.03	54.0	8.97	AV	117.00	300	Horizontal	Pass

GFSK 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	1331.600	46.78	74.0	27.22	Peak	136.00	200	Vertical	Pass
1**	1331.600	32.38	54.0	21.62	AV	136.00	200	Vertical	Pass
2	2479.900	95.97	74.0	-21.97	Peak	109.00	200	Vertical	N/A
2**	2479.900	95.33	54.0	-41.33	AV	109.00	200	Vertical	N/A
3	2659.400	53.30	74.0	20.70	Peak	184.00	150	Vertical	Pass
3**	2659.400	42.79	54.0	11.21	AV	184.00	150	Vertical	Pass
4	6971.000	55.92	74.0	18.08	Peak	68.00	400	Vertical	Pass
4**	6971.000	45.98	54.0	8.02	AV	68.00	400	Vertical	Pass
5	12738.787	51.79	74.0	22.21	Peak	271.00	200	Vertical	Pass
5**	12738.787	41.98	54.0	12.02	AV	271.00	200	Vertical	Pass
6	17413.575	55.73	74.0	18.27	Peak	195.00	200	Vertical	Pass
6**	17413.575	46.13	54.0	7.87	AV	195.00	200	Vertical	Pass

8-DPSK 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	1410.200	41.84	74.0	32.16	Peak	4.00	300	Horizontal	Pass
1**	1410.200	32.71	54.0	21.29	AV	4.00	300	Horizontal	Pass
2	2401.800	96.02	74.0	-22.02	Peak	111.00	200	Horizontal	N/A
2**	2401.800	92.55	54.0	-38.55	AV	111.00	200	Horizontal	N/A
3	4804.000	50.79	74.0	23.21	Peak	210.00	150	Horizontal	Pass
3**	4804.000	45.48	54.0	8.52	AV	210.00	150	Horizontal	Pass
4	6806.600	54.77	74.0	19.23	Peak	291.00	400	Horizontal	Pass
4**	6806.600	47.17	54.0	6.83	AV	291.00	400	Horizontal	Pass
5	12586.988	52.50	74.0	21.50	Peak	82.00	300	Horizontal	Pass
5**	12586.988	42.17	54.0	11.83	AV	82.00	300	Horizontal	Pass
6	17433.262	55.60	74.0	18.40	Peak	324.00	300	Horizontal	Pass
6**	17433.262	46.74	54.0	7.26	AV	324.00	300	Horizontal	Pass

8-DPSK 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	1163.600	47.38	74.0	26.62	Peak	0.00	300	Vertical	Pass
1**	1163.600	33.62	54.0	20.38	AV	0.00	300	Vertical	Pass
2	2402.200	87.41	74.0	-13.41	Peak	16.00	150	Vertical	N/A
2**	2402.200	86.98	54.0	-32.98	AV	16.00	150	Vertical	N/A
3	4983.600	51.41	74.0	22.59	Peak	135.00	100	Vertical	Pass
3**	4983.600	42.85	54.0	11.15	AV	135.00	100	Vertical	Pass
4	6802.400	55.56	74.0	18.44	Peak	272.00	400	Vertical	Pass
4**	6802.400	46.01	54.0	7.99	AV	272.00	400	Vertical	Pass
5	10922.362	51.87	74.0	22.13	Peak	238.00	400	Vertical	Pass
5**	10922.362	43.12	54.0	10.88	AV	238.00	400	Vertical	Pass
6	17404.912	56.13	74.0	17.87	Peak	304.00	200	Vertical	Pass
6**	17404.912	46.16	54.0	7.84	AV	304.00	200	Vertical	Pass

8-DPSK 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	1330.400	43.46	74.0	30.54	Peak	112.00	100	Horizontal	Pass
1**	1330.400	33.24	54.0	20.76	AV	112.00	100	Horizontal	Pass
2	2440.900	95.88	74.0	-21.88	Peak	112.00	200	Horizontal	N/A
2**	2440.900	95.29	54.0	-41.29	AV	112.00	200	Horizontal	N/A
3	4882.200	52.69	74.0	21.31	Peak	204.00	150	Horizontal	Pass
3**	4882.200	49.65	54.0	4.35	AV	204.00	150	Horizontal	Pass
4	6981.600	54.82	74.0	19.18	Peak	295.00	100	Horizontal	Pass
4**	6981.600	46.07	54.0	7.93	AV	295.00	100	Horizontal	Pass
5	11897.275	52.77	74.0	21.23	Peak	328.00	400	Horizontal	Pass
5**	11897.275	42.46	54.0	11.54	AV	328.00	400	Horizontal	Pass
6	15823.088	55.53	74.0	18.47	Peak	24.00	150	Horizontal	Pass
6**	15823.088	46.66	54.0	7.34	AV	24.00	150	Horizontal	Pass

8-DPSK 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	1162.200	45.75	74.0	28.25	Peak	0.00	200	Vertical	Pass
1**	1162.200	34.79	54.0	19.21	AV	0.00	200	Vertical	Pass
2	2440.800	87.07	74.0	-13.07	Peak	101.00	100	Vertical	N/A
2**	2440.800	83.14	54.0	-29.14	AV	101.00	100	Vertical	N/A
3	4882.400	50.90	74.0	23.10	Peak	7.00	150	Vertical	Pass
3**	4882.400	45.79	54.0	8.21	AV	7.00	150	Vertical	Pass
4	6981.400	55.28	74.0	18.72	Peak	360.00	100	Vertical	Pass
4**	6981.400	46.10	54.0	7.90	AV	360.00	100	Vertical	Pass
5	10918.625	52.18	74.0	21.82	Peak	221.00	150	Vertical	Pass
5**	10918.625	43.07	54.0	10.93	AV	221.00	150	Vertical	Pass
6	17440.350	55.35	74.0	18.65	Peak	167.00	150	Vertical	Pass
6**	17440.350	46.14	54.0	7.86	AV	167.00	150	Vertical	Pass

8-DPSK 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	1494.000	42.84	74.0	31.16	Peak	19.00	100	Horizontal	Pass
1**	1494.000	32.43	54.0	21.57	AV	19.00	100	Horizontal	Pass
2	2479.800	93.08	74.0	-19.08	Peak	117.00	200	Horizontal	N/A
2**	2479.800	91.25	54.0	-37.25	AV	117.00	200	Horizontal	N/A
3	4960.400	53.50	74.0	20.50	Peak	226.00	200	Horizontal	Pass
3**	4960.400	47.37	54.0	6.63	AV	226.00	200	Horizontal	Pass
4	4960.600	52.46	74.0	21.54	Peak	64.00	150	Horizontal	Pass
4**	4960.600	48.32	54.0	5.68	AV	64.00	150	Horizontal	Pass
5	12335.425	52.26	74.0	21.74	Peak	274.00	300	Horizontal	Pass
5**	12335.425	41.83	54.0	12.17	AV	274.00	300	Horizontal	Pass
6	17426.176	55.77	74.0	18.23	Peak	284.00	100	Horizontal	Pass
6**	17426.176	47.18	54.0	6.82	AV	284.00	100	Horizontal	Pass

8-DPSK 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	1161.400	44.28	74.0	29.72	Peak	0.00	100	Vertical	Pass
1**	1161.400	32.59	54.0	21.41	AV	0.00	100	Vertical	Pass
2	2479.700	85.27	74.0	-11.27	Peak	104.00	100	Vertical	N/A
2**	2479.700	81.66	54.0	-27.66	AV	104.00	100	Vertical	N/A
3	2769.800	51.65	74.0	22.35	Peak	111.00	100	Vertical	Pass
3**	2769.800	42.30	54.0	11.70	AV	111.00	100	Vertical	Pass
4	6806.400	55.07	74.0	18.93	Peak	75.00	100	Vertical	Pass
4**	6806.400	47.25	54.0	6.75	AV	75.00	100	Vertical	Pass
5	12980.213	52.39	74.0	21.61	Peak	54.00	100	Vertical	Pass
5**	12980.213	42.03	54.0	11.97	AV	54.00	100	Vertical	Pass
6	17435.099	56.10	74.0	17.90	Peak	220.00	200	Vertical	Pass
6**	17435.099	46.57	54.0	7.43	AV	220.00	200	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)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2318.550	57.55	74.0	16.45	Peak	287.00	150	Horizontal	Pass
1**	2318.550	46.24	54.0	7.76	AV	287.00	150	Horizontal	Pass
2	2389.950	56.23	74.0	17.77	Peak	186.00	200	Horizontal	Pass
2**	2389.950	46.06	54.0	7.94	AV	186.00	200	Horizontal	Pass

GFSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	57.12	74.0	16.88	Peak	45.00	200	Horizontal	Pass
1**	2483.590	47.05	54.0	6.95	AV	45.00	200	Horizontal	Pass
2	2483.935	57.67	74.0	16.33	Peak	360.00	200	Horizontal	Pass
2**	2483.935	47.17	54.0	6.83	AV	360.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.750	57.67	74.0	16.33	Peak	316.00	150	Horizontal	Pass
1**	2386.750	46.26	54.0	7.74	AV	316.00	150	Horizontal	Pass
2	2389.950	55.03	74.0	18.97	Peak	1.00	100	Horizontal	Pass
2**	2389.950	45.92	54.0	8.08	AV	1.00	100	Horizontal	Pass

8-DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	58.47	74.0	15.53	Peak	360.00	200	Horizontal	Pass
1**	2483.530	47.53	54.0	6.47	AV	360.00	200	Horizontal	Pass
2	2497.975	57.87	74.0	16.13	Peak	105.00	150	Horizontal	Pass
2**	2497.975	46.14	54.0	7.86	AV	105.00	150	Horizontal	Pass

Right Earphone:

GFSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2337.850	57.48	74.0	16.52	Peak	116.00	150	Horizontal	Pass
1**	2337.850	46.29	54.0	7.71	AV	116.00	150	Horizontal	Pass
2	2389.950	55.56	74.0	18.44	Peak	333.00	100	Horizontal	Pass
2**	2389.950	45.66	54.0	8.34	AV	333.00	100	Horizontal	Pass

GFSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	56.07	74.0	17.93	Peak	98.00	150	Horizontal	Pass
1**	2483.545	46.15	54.0	7.85	AV	98.00	150	Horizontal	Pass
2	2484.910	57.44	74.0	16.56	Peak	357.00	200	Horizontal	Pass
2**	2484.910	45.95	54.0	8.05	AV	357.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.500	57.76	74.0	16.24	Peak	61.00	100	Horizontal	Pass
1**	2384.500	46.42	54.0	7.58	AV	61.00	100	Horizontal	Pass
2	2389.950	55.23	74.0	18.77	Peak	254.00	200	Horizontal	Pass
2**	2389.950	46.23	54.0	7.77	AV	254.00	200	Horizontal	Pass

8-DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	56.96	74.0	17.04	Peak	336.00	150	Horizontal	Pass
1**	2483.530	46.16	54.0	7.84	AV	336.00	150	Horizontal	Pass
2	2485.915	57.32	74.0	16.68	Peak	360.00	150	Horizontal	Pass
2**	2485.915	46.06	54.0	7.94	AV	360.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24B0952-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24B0952-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24B0952-AI.PDF”.

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