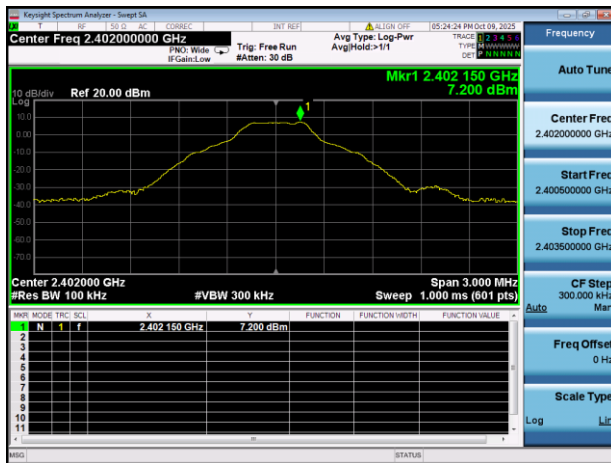
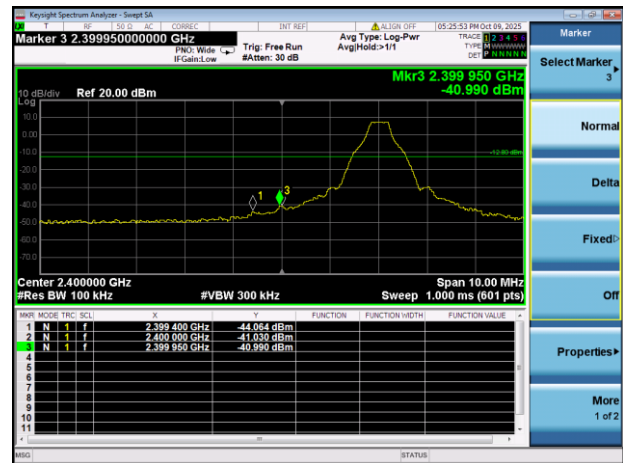
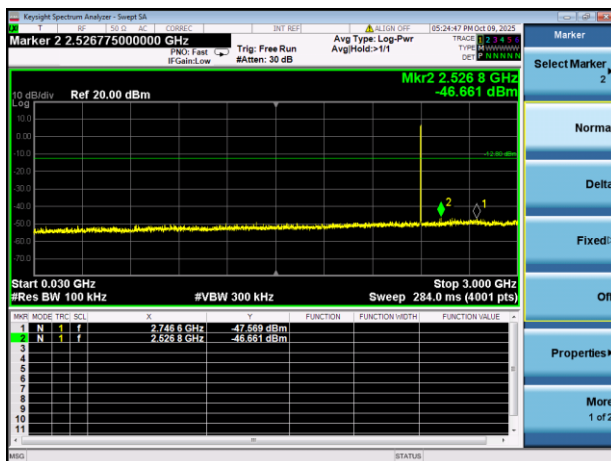
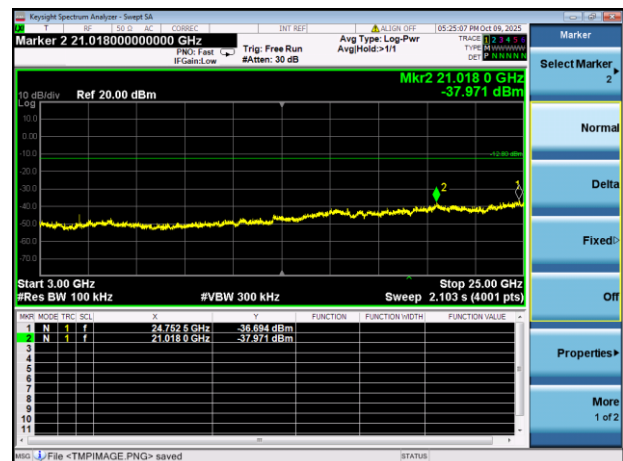


Test Plots

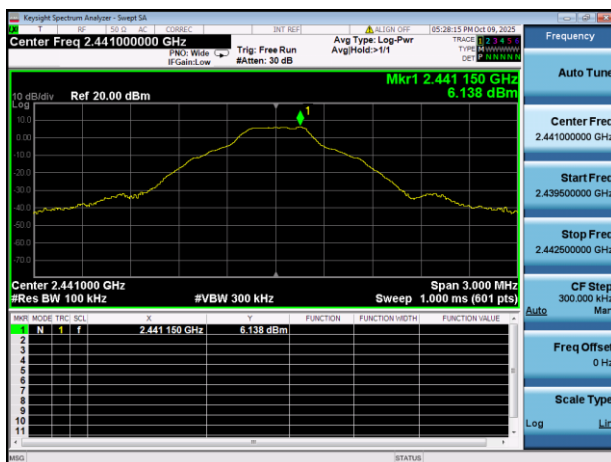
GFSK LOW CHANNEL, CARRIER LEVEL



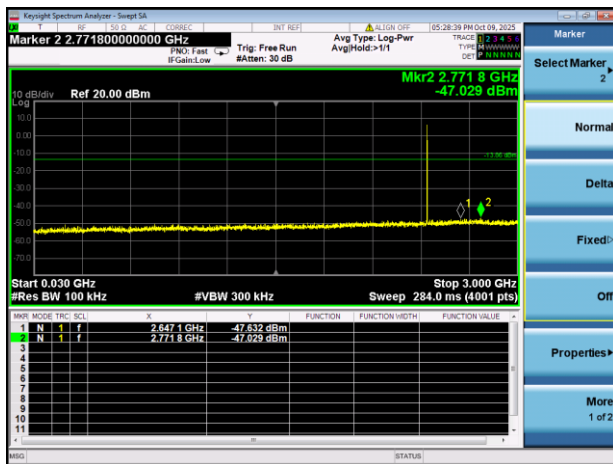
GFSK LOW CHANNEL, BAND EDGE

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

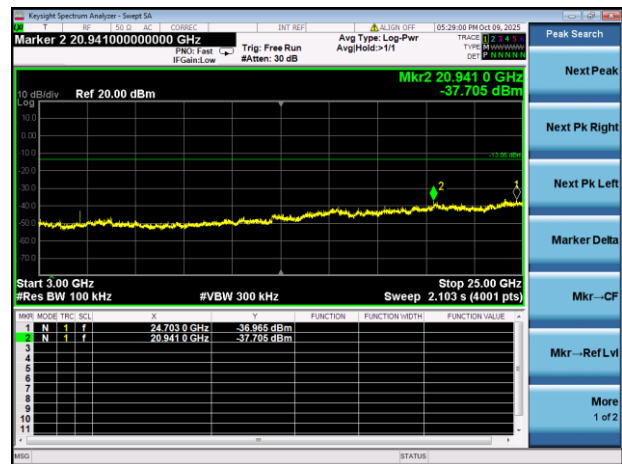
GFSK MIDDLE CHANNEL, CARRIER LEVEL



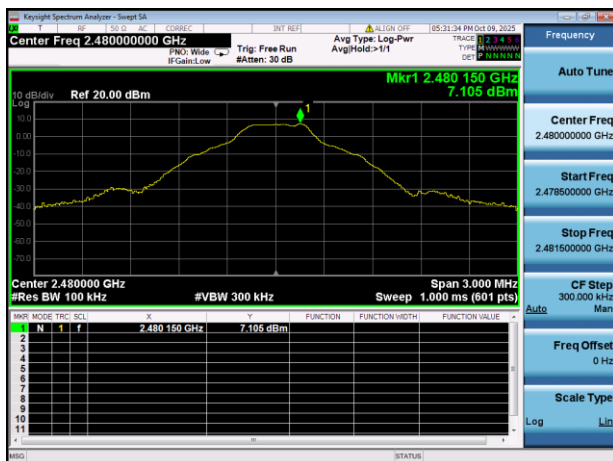
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



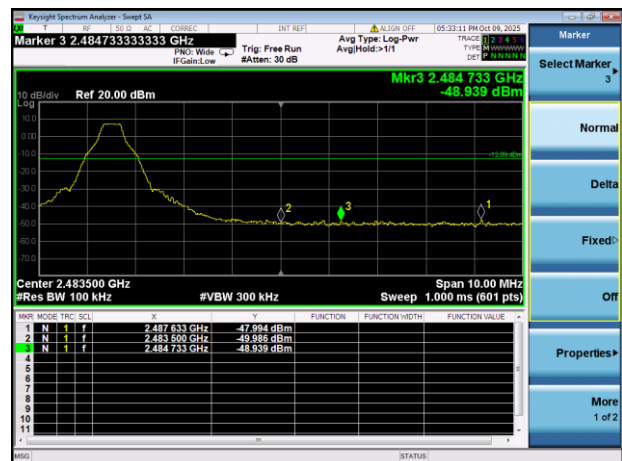
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



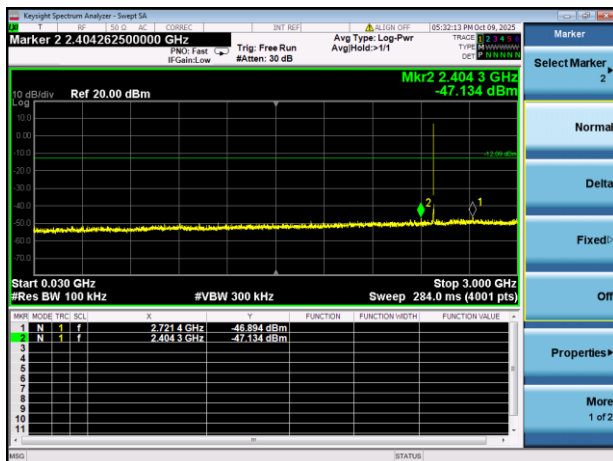
GFSK HIGH CHANNEL, CARRIER LEVEL



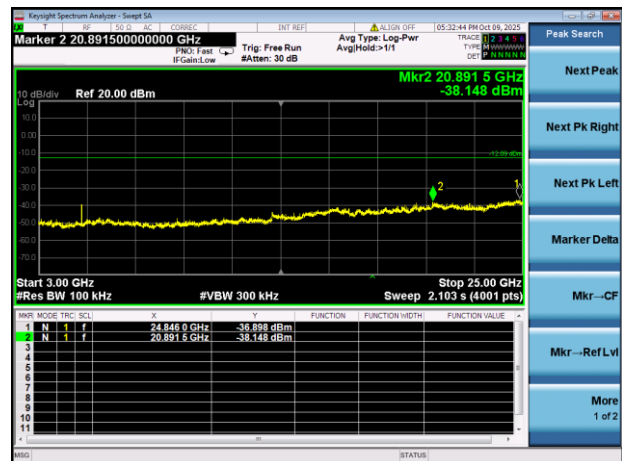
GFSK HIGH CHANNEL, BAND EDGE



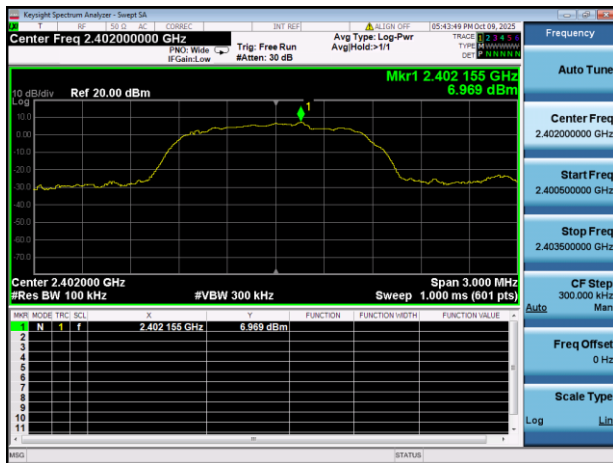
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



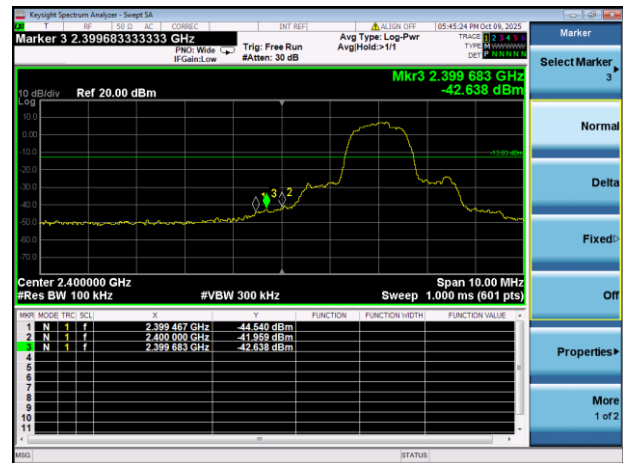
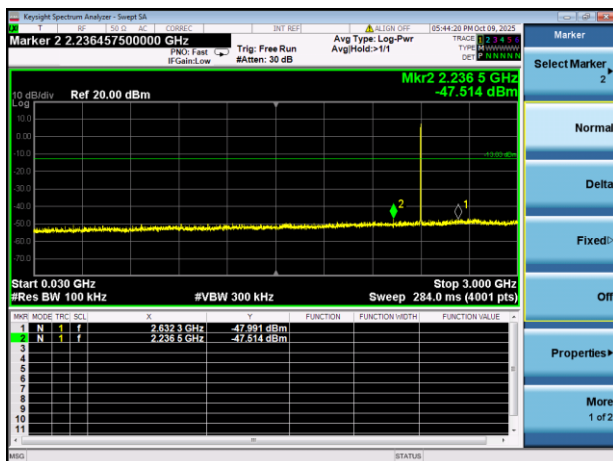
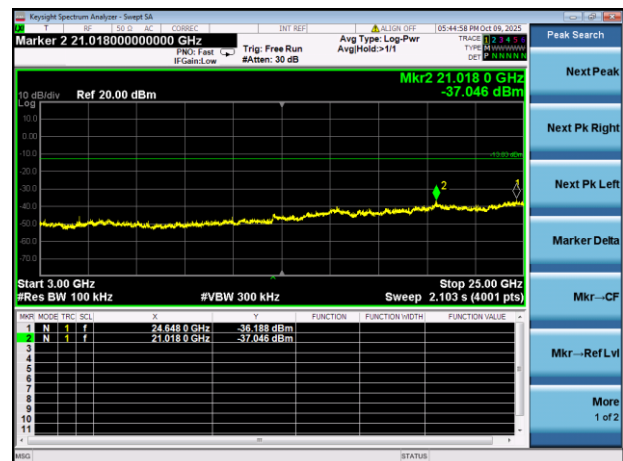
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



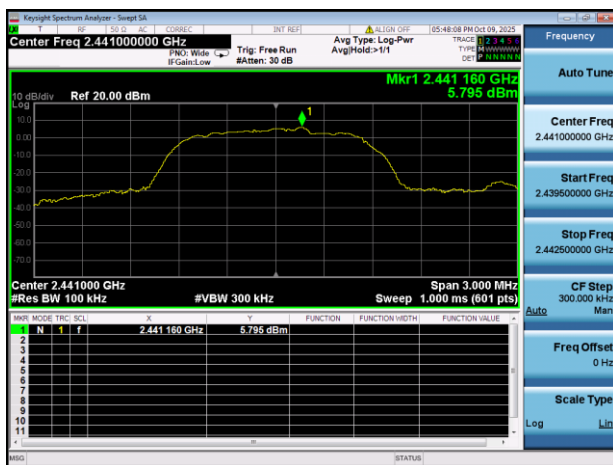
8-DPSK LOW CHANNEL, CARRIER LEVEL



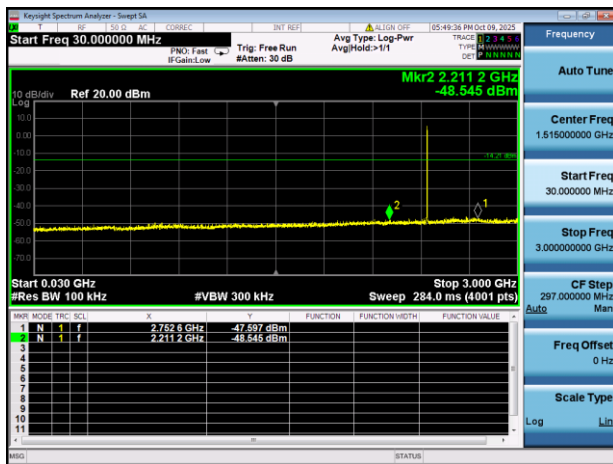
8-DPSK LOW CHANNEL, BAND EDGE

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

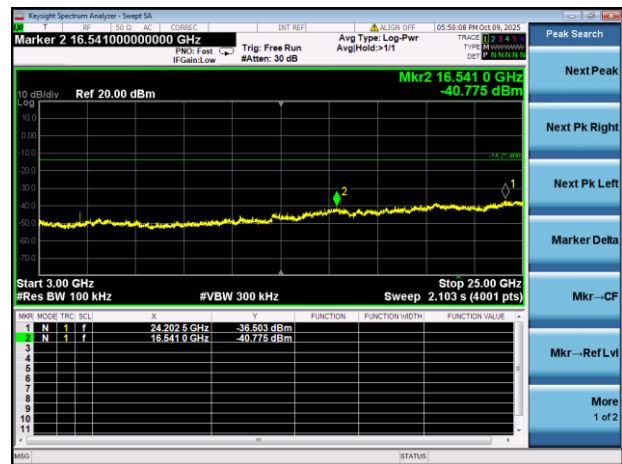
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



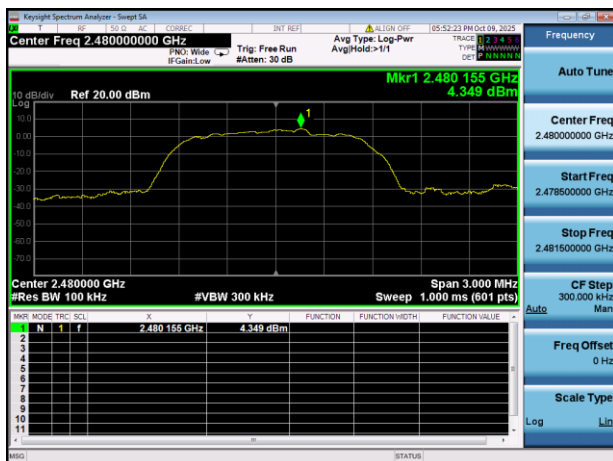
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



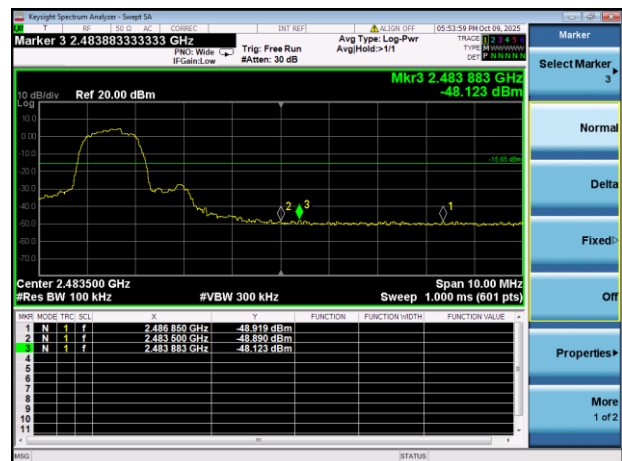
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



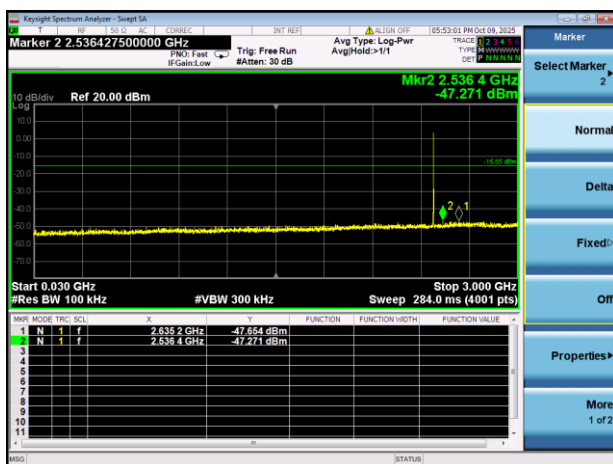
8-DPSK HIGH CHANNEL, CARRIER LEVEL



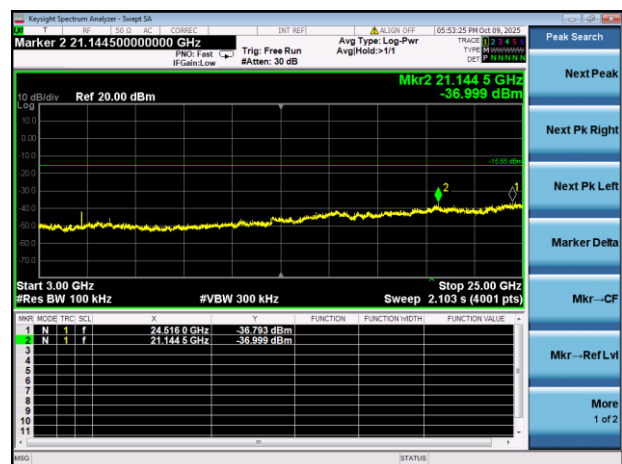
8-DPSK HIGH CHANNEL, BAND EDGE



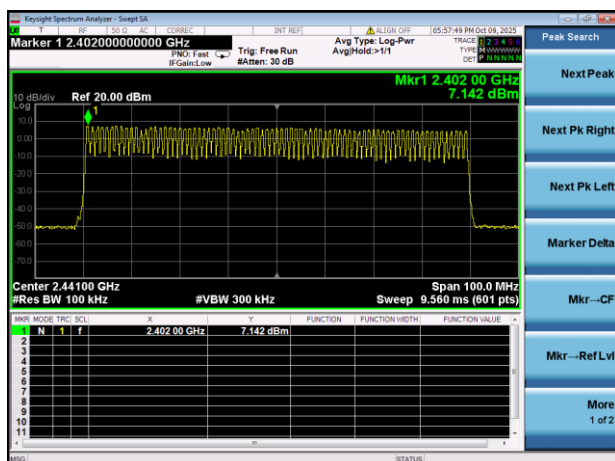
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



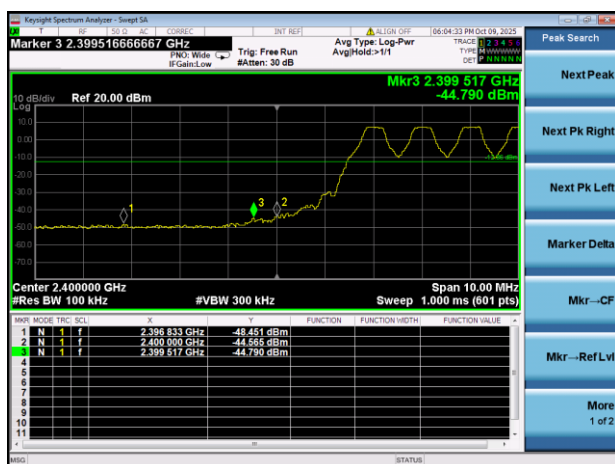
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



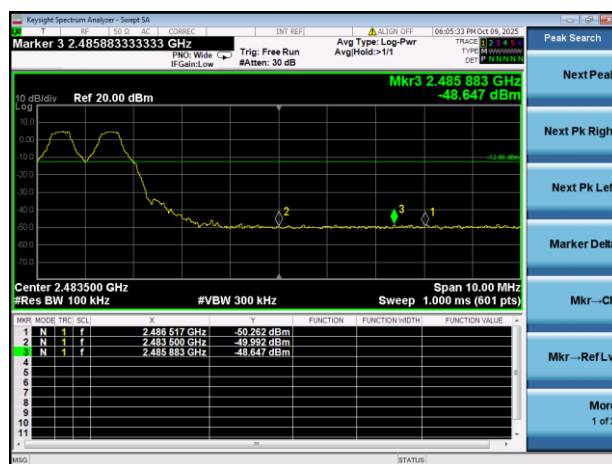
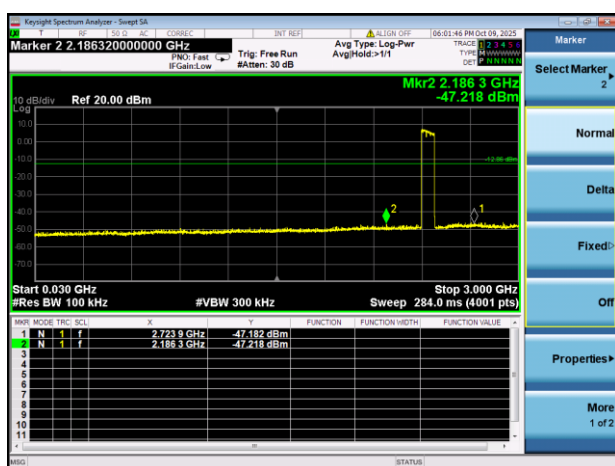
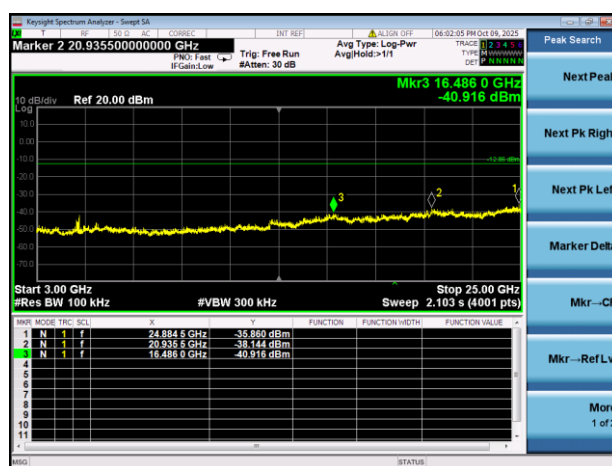
GFSK HOPPING, CARRIER LEVEL



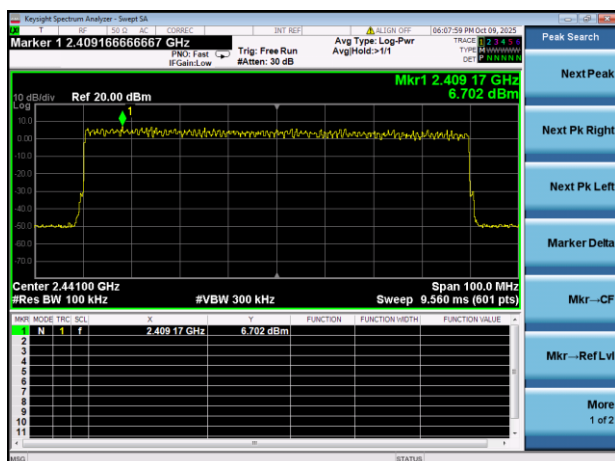
GFSK HOPPING BAND EDGE (LOW)



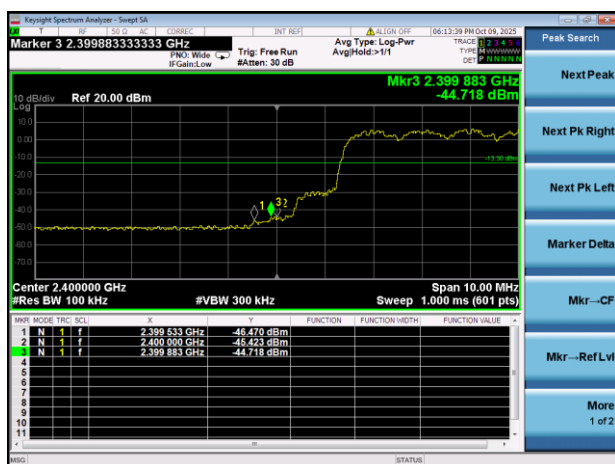
GFSK HOPPING BAND EDGE (HIGH)

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

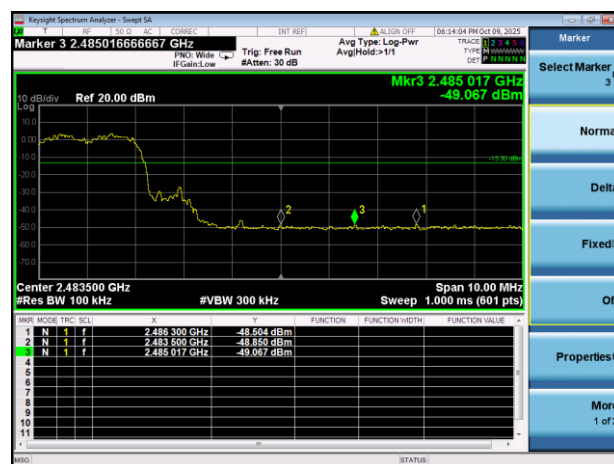
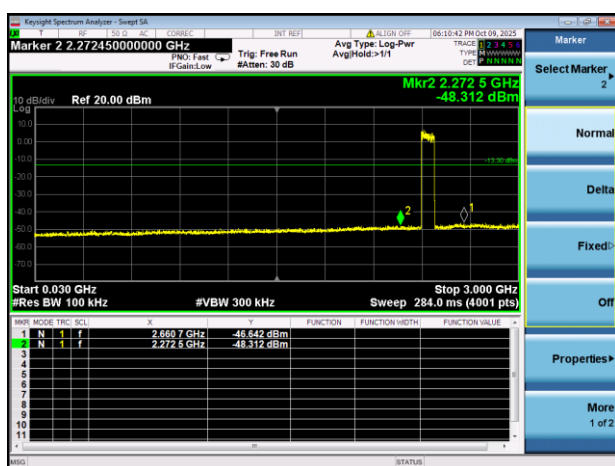
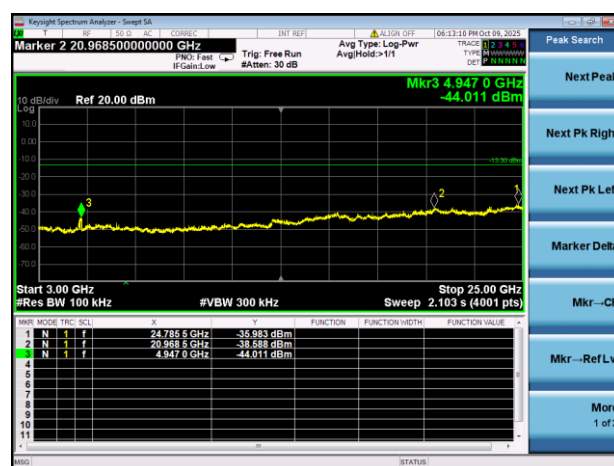
8-DPSK HOPPING, CARRIER LEVEL



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

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.

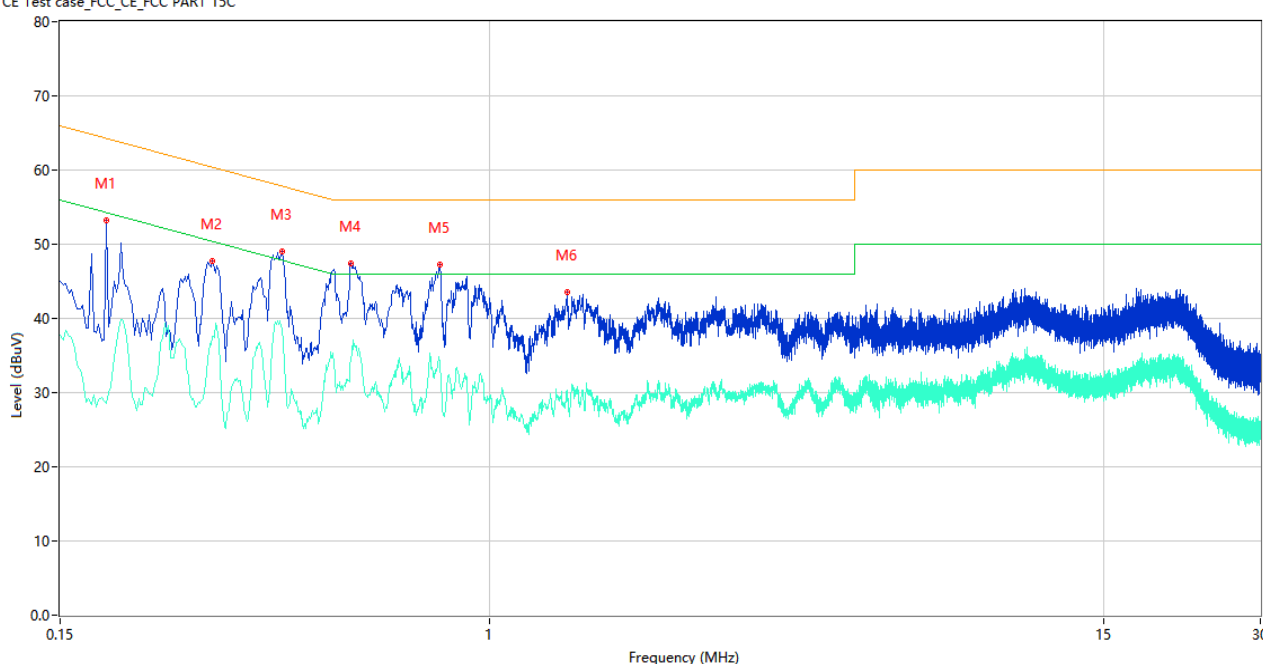
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

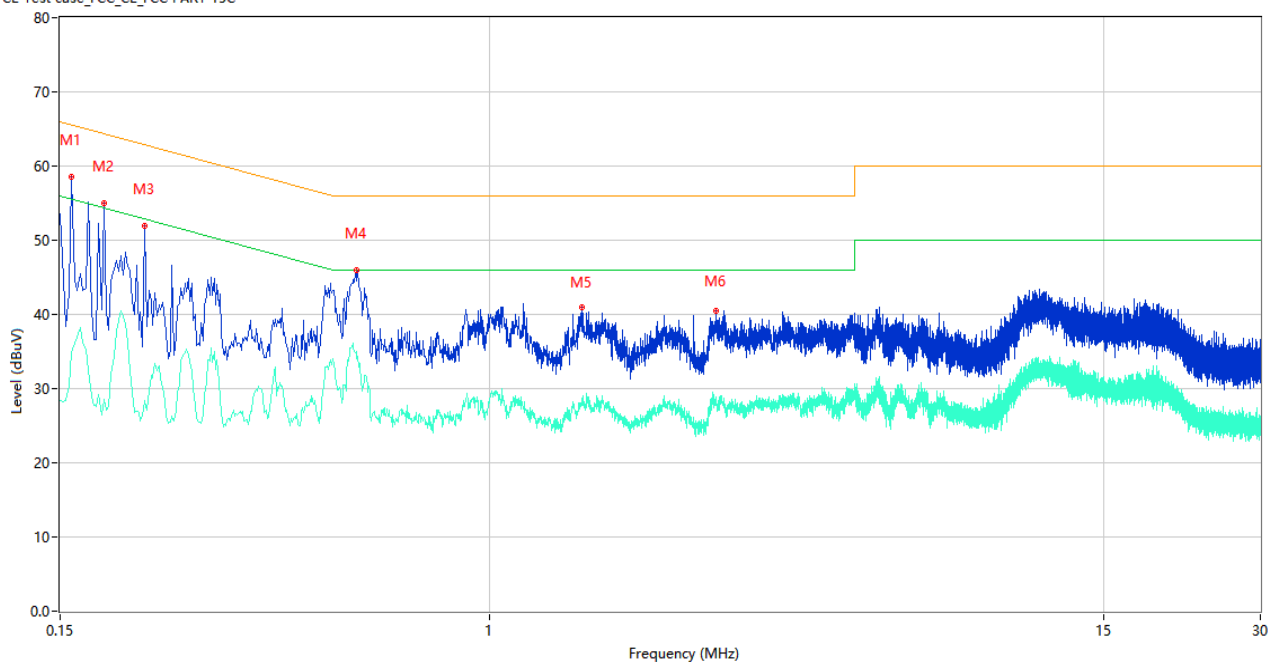
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	53.25	9.84	64.30	11.05	Peak	L	Pass
1**	0.184	28.49	9.84	54.30	25.81	AV	L	Pass
2	0.294	47.68	9.82	60.41	12.73	Peak	L	Pass
2**	0.294	37.62	9.82	50.41	12.79	AV	L	Pass
3	0.400	48.99	10.61	57.85	8.86	Peak	L	Pass
3**	0.400	38.76	10.61	47.85	9.09	AV	L	Pass
4	0.542	47.42	10.08	56.00	8.58	Peak	L	Pass
4**	0.542	34.13	10.08	46.00	11.87	AV	L	Pass
5	0.802	47.23	10.58	56.00	8.77	Peak	L	Pass
5**	0.802	34.07	10.58	46.00	11.93	AV	L	Pass
6	1.408	43.63	9.85	56.00	12.37	Peak	L	Pass
6**	1.408	30.28	9.85	46.00	15.72	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	58.60	9.86	65.57	6.97	Peak	N	Pass
1**	0.158	34.92	9.86	55.57	20.65	AV	N	Pass
2	0.182	54.93	9.84	64.39	9.46	Peak	N	Pass
2**	0.182	28.48	9.84	54.39	25.91	AV	N	Pass
3	0.218	52.01	9.83	62.89	10.88	Peak	N	Pass
3**	0.218	28.31	9.83	52.89	24.58	AV	N	Pass
4	0.554	46.04	10.10	56.00	9.96	Peak	N	Pass
4**	0.554	34.98	10.10	46.00	11.02	AV	N	Pass
5	1.504	41.02	10.32	56.00	14.98	Peak	N	Pass
5**	1.504	28.50	10.32	46.00	17.50	AV	N	Pass
6	2.720	40.47	10.16	56.00	15.53	Peak	N	Pass
6**	2.720	28.31	10.16	46.00	17.69	AV	N	Pass

A.8 Radiated Spurious Emission

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

Note²: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

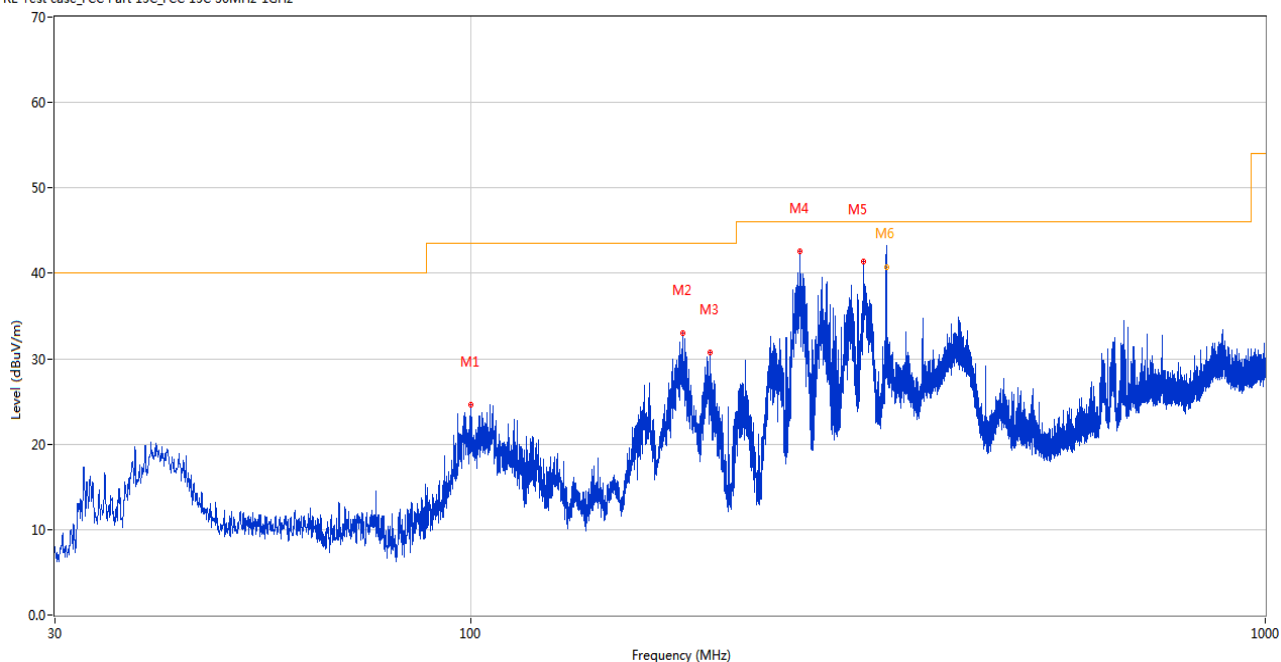
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

30 MHz to 1 GHz, ANT H

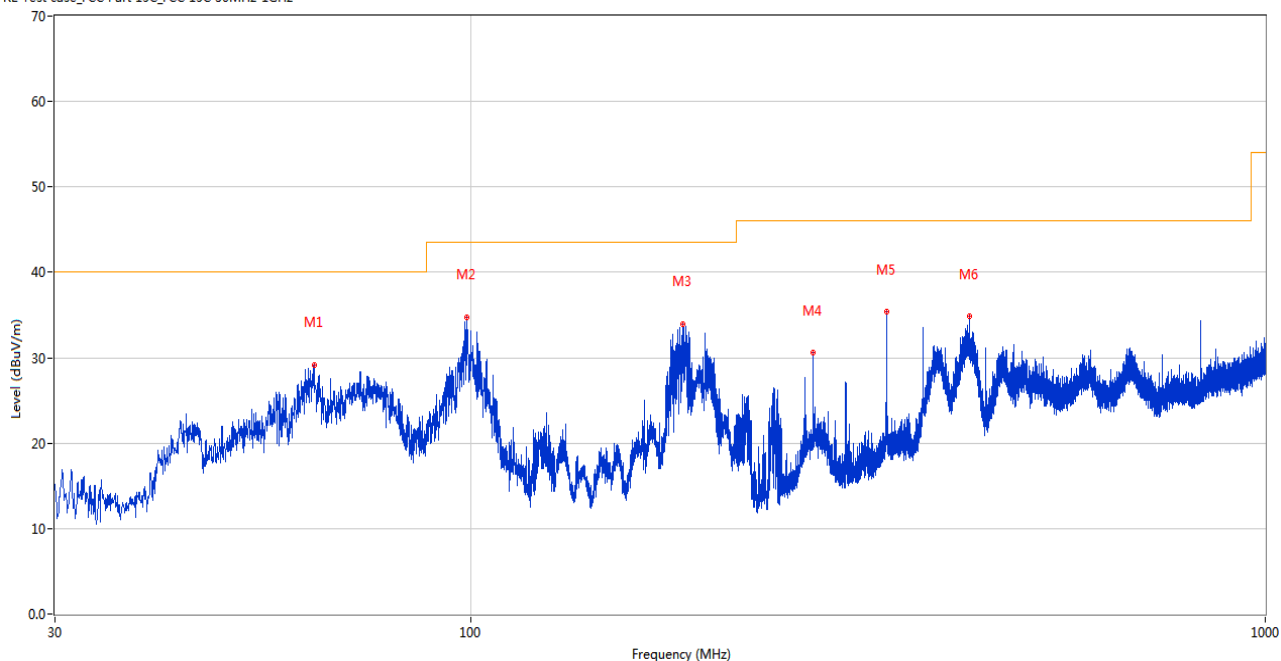
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	99.985	24.66	-26.69	43.5	18.84	Peak	5.40	100	Horizontal	Pass
2	184.812	33.05	-27.21	43.5	10.45	Peak	267.80	100	Horizontal	Pass
3	200.429	30.77	-25.73	43.5	12.73	Peak	296.20	100	Horizontal	Pass
4	259.987	42.62	-23.90	46.0	3.38	Peak	293.40	100	Horizontal	Pass
5	311.979	41.39	-23.14	46.0	4.61	Peak	359.30	100	Horizontal	Pass
6	333.659	42.91	-21.98	46.0	3.09	Peak	137.70	108	Horizontal	N/A
6*	333.659	40.73	-21.98	46.0	5.27	QP	137.70	108	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_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	63.562	29.18	-26.94	40.0	10.82	Peak	136.40	100	Vertical	Pass
2	98.967	34.74	-26.56	43.5	8.76	Peak	288.60	100	Vertical	Pass
3	185.006	33.97	-27.18	43.5	9.53	Peak	313.80	100	Vertical	Pass
4	270.026	30.55	-24.00	46.0	15.45	Peak	46.60	100	Vertical	Pass
5	333.950	35.34	-21.99	46.0	10.66	Peak	208.80	100	Vertical	Pass
6	424.499	34.85	-19.88	46.0	11.15	Peak	162.10	100	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note²: The spurious from 18GHz-25GHz is noise only, do not show on the report.

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
1	1516.534	41.02	74.0	32.98	Peak	24.00	400	Horizontal
1**	1516.534	31.31	54.0	22.69	AV	24.00	400	Horizontal
2	1948.951	43.35	74.0	30.65	Peak	264.00	200	Horizontal
2**	1948.951	34.08	54.0	19.92	AV	264.00	200	Horizontal
3	4970.049	49.12	74.0	24.88	Peak	131.00	200	Horizontal
3**	4970.049	39.89	54.0	14.11	AV	131.00	200	Horizontal
4	6981.816	51.59	74.0	22.41	Peak	159.00	300	Horizontal
4**	6981.816	43.23	54.0	10.78	AV	159.00	300	Horizontal
5	12897.745	48.72	74.0	25.28	Peak	6.00	100	Horizontal
5**	12897.745	39.16	54.0	14.84	AV	6.00	100	Horizontal
6	17106.061	51.61	74.0	22.39	Peak	133.00	400	Horizontal
6**	17106.061	42.94	54.0	11.06	AV	133.00	400	Horizontal

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	1464.320	42.47	74.0	31.53	Peak	329.00	200	Vertical	Pass
1**	1464.320	30.64	54.0	23.36	AV	329.00	200	Vertical	Pass
2	2990.031	49.36	74.0	24.64	Peak	261.00	200	Vertical	Pass
2**	2990.031	39.87	54.0	14.13	AV	261.00	200	Vertical	Pass
3	6800.922	54.52	74.0	19.48	Peak	24.00	200	Vertical	Pass
3**	6800.922	43.52	54.0	10.48	AV	24.00	200	Vertical	Pass
4	7971.022	53.44	74.0	20.56	Peak	164.00	200	Vertical	Pass
4**	7971.022	41.12	54.0	12.88	AV	164.00	200	Vertical	Pass
5	12493.309	50.53	74.0	23.47	Peak	279.00	100	Vertical	Pass
5**	12493.309	40.07	54.0	13.93	AV	279.00	100	Vertical	Pass
6	17096.224	49.90	74.0	24.10	Peak	128.00	100	Vertical	Pass
6**	17096.224	40.79	54.0	13.21	AV	128.00	100	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	1521.917	40.54	74.0	33.46	Peak	294.00	300	Horizontal	Pass
1**	1521.917	30.79	54.0	23.21	AV	294.00	300	Horizontal	Pass
2	1949.323	42.81	74.0	31.19	Peak	303.00	200	Horizontal	Pass
2**	1949.323	33.89	54.0	20.11	AV	303.00	200	Horizontal	Pass
3	4976.030	48.45	74.0	25.55	Peak	250.00	200	Horizontal	Pass
3**	4976.030	39.06	54.0	14.94	AV	250.00	200	Horizontal	Pass
4	6985.146	51.53	74.0	22.47	Peak	252.00	100	Horizontal	Pass
4**	6985.146	43.05	54.0	10.96	AV	252.00	100	Horizontal	Pass
5	12897.790	48.32	74.0	25.68	Peak	273.00	400	Horizontal	Pass
5**	12897.790	38.25	54.0	15.75	AV	273.00	400	Horizontal	Pass
6	17101.778	50.93	74.0	23.07	Peak	188.00	300	Horizontal	Pass
6**	17101.778	42.02	54.0	11.98	AV	188.00	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	1464.524	42.41	74.0	31.59	Peak	210.00	300	Vertical	Pass
1**	1464.524	30.25	54.0	23.75	AV	210.00	300	Vertical	Pass
2	2990.714	48.47	74.0	25.53	Peak	145.00	300	Vertical	Pass
2**	2990.714	39.46	54.0	14.54	AV	145.00	300	Vertical	Pass
3	6806.862	53.62	74.0	20.38	Peak	170.00	200	Vertical	Pass
3**	6806.862	42.81	54.0	11.19	AV	170.00	200	Vertical	Pass
4	7967.946	52.68	74.0	21.32	Peak	342.00	100	Vertical	Pass
4**	7967.946	40.77	54.0	13.23	AV	342.00	100	Vertical	Pass
5	12492.254	50.24	74.0	23.76	Peak	212.00	300	Vertical	Pass
5**	12492.254	39.20	54.0	14.80	AV	212.00	300	Vertical	Pass
6	17096.129	49.89	74.0	24.11	Peak	188.00	200	Vertical	Pass
6**	17096.129	40.39	54.0	13.61	AV	188.00	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	1521.967	40.12	74.0	33.88	Peak	253.00	400	Horizontal	Pass
1**	1521.967	31.04	54.0	22.96	AV	253.00	400	Horizontal	Pass
2	1952.005	42.52	74.0	31.48	Peak	296.00	200	Horizontal	Pass
2**	1952.005	33.67	54.0	20.33	AV	296.00	200	Horizontal	Pass
3	4973.533	48.39	74.0	25.61	Peak	81.00	200	Horizontal	Pass
3**	4973.533	38.93	54.0	15.07	AV	81.00	200	Horizontal	Pass
4	6983.318	51.47	74.0	22.53	Peak	163.00	400	Horizontal	Pass
4**	6983.318	42.49	54.0	11.52	AV	163.00	400	Horizontal	Pass
5	12901.204	47.74	74.0	26.26	Peak	130.00	300	Horizontal	Pass
5**	12901.204	38.94	54.0	15.06	AV	130.00	300	Horizontal	Pass
6	17103.309	50.72	74.0	23.28	Peak	165.00	400	Horizontal	Pass
6**	17103.309	42.62	54.0	11.38	AV	165.00	400	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	1465.860	42.45	74.0	31.55	Peak	351.00	200	Vertical	Pass
1**	1465.860	30.00	54.0	24.00	AV	351.00	200	Vertical	Pass
2	2988.472	49.06	74.0	24.94	Peak	325.00	300	Vertical	Pass
2**	2988.472	38.88	54.0	15.12	AV	325.00	300	Vertical	Pass
3	6800.435	54.32	74.0	19.68	Peak	79.00	200	Vertical	Pass
3**	6800.435	43.51	54.0	10.49	AV	79.00	200	Vertical	Pass
4	7964.147	53.30	74.0	20.70	Peak	139.00	100	Vertical	Pass
4**	7964.147	40.95	54.0	13.05	AV	139.00	100	Vertical	Pass
5	12490.753	50.13	74.0	23.87	Peak	147.00	200	Vertical	Pass
5**	12490.753	39.30	54.0	14.70	AV	147.00	200	Vertical	Pass
6	17101.618	49.65	74.0	24.35	Peak	296.00	400	Vertical	Pass
6**	17101.618	40.42	54.0	13.58	AV	296.00	400	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	1283.629	40.05	74.0	33.95	Peak	187.00	100	Horizontal	Pass
1**	1283.629	30.99	54.0	23.01	AV	187.00	100	Horizontal	Pass
2	2771.303	42.43	74.0	31.57	Peak	54.00	100	Horizontal	Pass
2**	2771.303	34.02	54.0	19.98	AV	54.00	100	Horizontal	Pass
3	5170.574	48.40	74.0	25.60	Peak	320.00	200	Horizontal	Pass
3**	5170.574	39.44	54.0	14.56	AV	320.00	200	Horizontal	Pass
4	6805.537	51.12	74.0	22.88	Peak	85.00	400	Horizontal	Pass
4**	6805.537	42.50	54.0	11.51	AV	85.00	400	Horizontal	Pass
5	13468.442	48.62	74.0	25.38	Peak	96.00	300	Horizontal	Pass
5**	13468.442	38.34	54.0	15.66	AV	96.00	300	Horizontal	Pass
6	17467.211	50.89	74.0	23.11	Peak	168.00	100	Horizontal	Pass
6**	17467.211	42.46	54.0	11.54	AV	168.00	100	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	1285.381	42.31	74.0	31.69	Peak	164.00	300	Vertical	Pass
1**	1285.381	30.21	54.0	23.79	AV	164.00	300	Vertical	Pass
2	2769.225	48.58	74.0	25.42	Peak	346.00	100	Vertical	Pass
2**	2769.225	39.37	54.0	14.63	AV	346.00	100	Vertical	Pass
3	5160.995	54.26	74.0	19.74	Peak	131.00	200	Vertical	Pass
3**	5160.995	42.71	54.0	11.29	AV	131.00	200	Vertical	Pass
4	6807.837	53.06	74.0	20.94	Peak	52.00	200	Vertical	Pass
4**	6807.837	41.00	54.0	13.00	AV	52.00	200	Vertical	Pass
5	13466.121	50.06	74.0	23.94	Peak	86.00	400	Vertical	Pass
5**	13466.121	39.56	54.0	14.44	AV	86.00	400	Vertical	Pass
6	17464.024	49.05	74.0	24.95	Peak	301.00	300	Vertical	Pass
6**	17464.024	40.49	54.0	13.51	AV	301.00	300	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	1283.740	40.10	74.0	33.90	Peak	39.00	400	Horizontal	Pass
1**	1283.740	30.17	54.0	23.83	AV	39.00	400	Horizontal	Pass
2	2767.543	41.98	74.0	32.02	Peak	131.00	200	Horizontal	Pass
2**	2767.543	33.14	54.0	20.86	AV	131.00	200	Horizontal	Pass
3	5164.778	47.95	74.0	26.05	Peak	63.00	200	Horizontal	Pass
3**	5164.778	38.48	54.0	15.52	AV	63.00	200	Horizontal	Pass
4	6804.768	51.03	74.0	22.97	Peak	228.00	200	Horizontal	Pass
4**	6804.768	42.30	54.0	11.71	AV	228.00	200	Horizontal	Pass
5	13470.165	47.75	74.0	26.25	Peak	191.00	200	Horizontal	Pass
5**	13470.165	37.34	54.0	16.66	AV	191.00	200	Horizontal	Pass
6	17467.993	49.98	74.0	24.02	Peak	229.00	300	Horizontal	Pass
6**	17467.993	41.25	54.0	12.75	AV	229.00	300	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	1287.312	41.45	74.0	32.55	Peak	273.00	300	Vertical	Pass
1**	1287.312	29.74	54.0	24.26	AV	273.00	300	Vertical	Pass
2	2770.965	48.40	74.0	25.60	Peak	112.00	100	Vertical	Pass
2**	2770.965	38.90	54.0	15.10	AV	112.00	100	Vertical	Pass
3	5167.544	52.88	74.0	21.12	Peak	335.00	200	Vertical	Pass
3**	5167.544	42.07	54.0	11.93	AV	335.00	200	Vertical	Pass
4	6807.579	52.55	74.0	21.45	Peak	201.00	400	Vertical	Pass
4**	6807.579	40.37	54.0	13.63	AV	201.00	400	Vertical	Pass
5	13471.179	49.58	74.0	24.42	Peak	48.00	200	Vertical	Pass
5**	13471.179	38.52	54.0	15.48	AV	48.00	200	Vertical	Pass
6	17466.918	49.69	74.0	24.31	Peak	204.00	400	Vertical	Pass
6**	17466.918	40.04	54.0	13.96	AV	204.00	400	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	1284.788	39.16	74.0	34.84	Peak	277.00	100	Horizontal	Pass
1**	1284.788	30.27	54.0	23.73	AV	277.00	100	Horizontal	Pass
2	2767.162	41.80	74.0	32.20	Peak	142.00	200	Horizontal	Pass
2**	2767.162	33.34	54.0	20.66	AV	142.00	200	Horizontal	Pass
3	5167.358	47.82	74.0	26.18	Peak	30.00	200	Horizontal	Pass
3**	5167.358	38.48	54.0	15.52	AV	30.00	200	Horizontal	Pass
4	6808.156	50.50	74.0	23.50	Peak	287.00	300	Horizontal	Pass
4**	6808.156	42.31	54.0	11.70	AV	287.00	300	Horizontal	Pass
5	13468.345	46.85	74.0	27.15	Peak	268.00	300	Horizontal	Pass
5**	13468.345	37.99	54.0	16.01	AV	268.00	300	Horizontal	Pass
6	17466.424	50.35	74.0	23.65	Peak	146.00	400	Horizontal	Pass
6**	17466.424	42.29	54.0	11.71	AV	146.00	400	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	1282.963	42.05	74.0	31.95	Peak	189.00	400	Vertical	Pass
1**	1282.963	29.76	54.0	24.24	AV	189.00	400	Vertical	Pass
2	2773.002	48.62	74.0	25.38	Peak	21.00	400	Vertical	Pass
2**	2773.002	38.24	54.0	15.76	AV	21.00	400	Vertical	Pass
3	5165.697	53.64	74.0	20.36	Peak	200.00	200	Vertical	Pass
3**	5165.697	42.65	54.0	11.35	AV	200.00	200	Vertical	Pass
4	6804.025	52.45	74.0	21.55	Peak	181.00	100	Vertical	Pass
4**	6804.025	40.66	54.0	13.34	AV	181.00	100	Vertical	Pass
5	13467.898	49.21	74.0	24.79	Peak	142.00	300	Vertical	Pass
5**	13467.898	39.15	54.0	14.85	AV	142.00	300	Vertical	Pass
6	17460.919	49.29	74.0	24.71	Peak	290.00	100	Vertical	Pass
6**	17460.919	39.58	54.0	14.42	AV	290.00	100	Vertical	Pass

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

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

Note²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

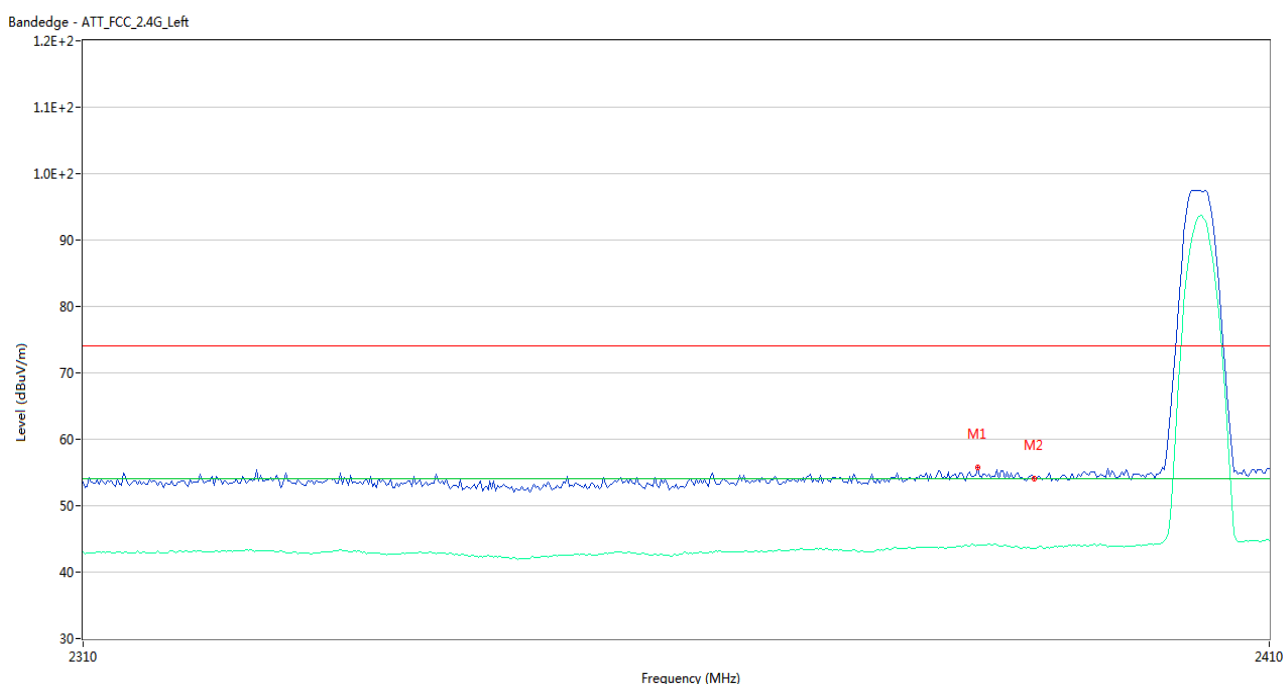
Note³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

Test Data

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna
1	2385.000	55.84	74.0	18.16	Peak	313.00	100	Horizontal
1**	2385.000	44.09	54.0	9.91	AV	313.00	100	Horizontal
2	2389.833	54.11	74.0	19.89	Peak	0.00	200	Horizontal
2**	2389.833	43.56	54.0	10.44	AV	0.00	200	Horizontal

GFSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.36	74.0	19.65	Peak	168.00	200	Horizontal	Pass
1**	2483.500	43.96	54.0	10.04	AV	168.00	200	Horizontal	Pass
2	2499.322	55.65	74.0	18.35	Peak	58.00	100	Horizontal	Pass
2**	2499.322	43.64	54.0	10.36	AV	58.00	100	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	2481.101	54.30	74.0	19.70	Peak	204.00	300	Horizontal	Pass
1**	2481.101	43.84	54.0	10.16	AV	204.00	300	Horizontal	Pass
2	2390.000	55.58	74.0	18.42	Peak	48.00	200	Horizontal	Pass
2**	2390.000	43.56	54.0	10.44	AV	48.00	200	Horizontal	Pass

8-DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.32	74.0	19.68	Peak	144.00	300	Horizontal	Pass
1**	2483.500	43.85	54.0	10.15	AV	144.00	300	Horizontal	Pass
2	2500.214	55.54	74.0	18.46	Peak	9.00	100	Horizontal	Pass
2**	2500.214	43.70	54.0	10.31	AV	9.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2591189-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2591189-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2591189-AI.PDF”.

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--END OF REPORT--