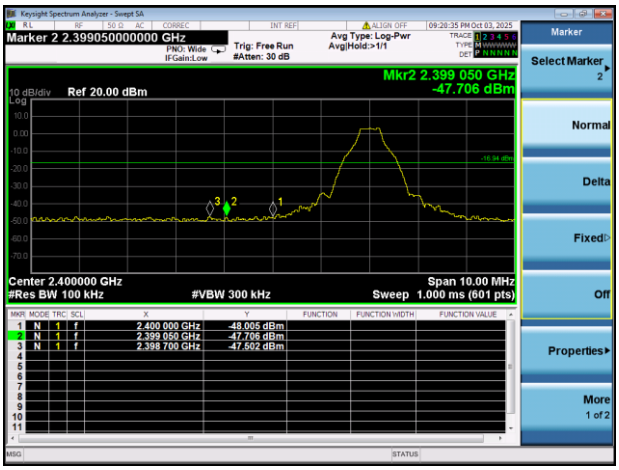
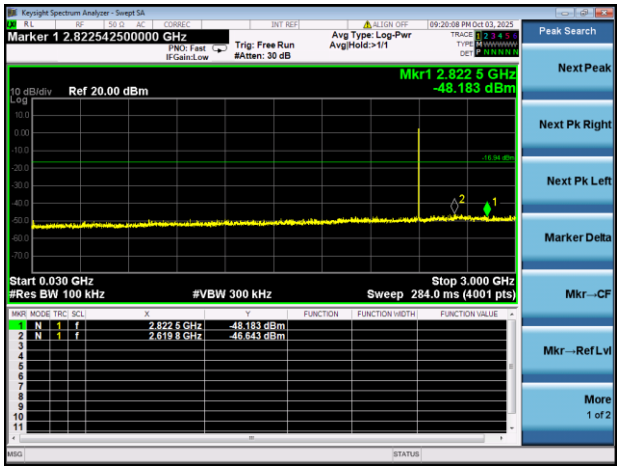
Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL

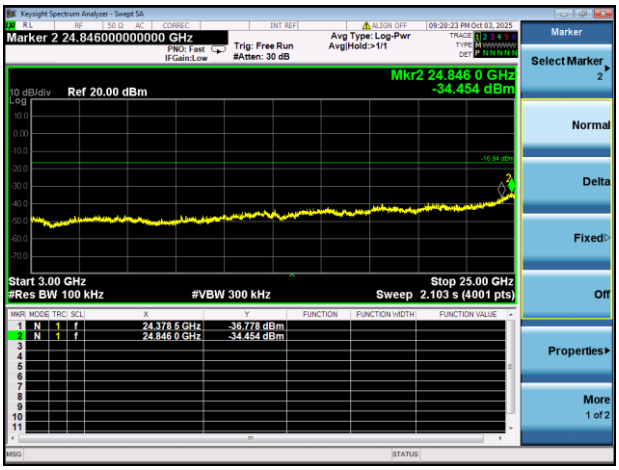
GFSK LOW CHANNEL, BAND EDGE



GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

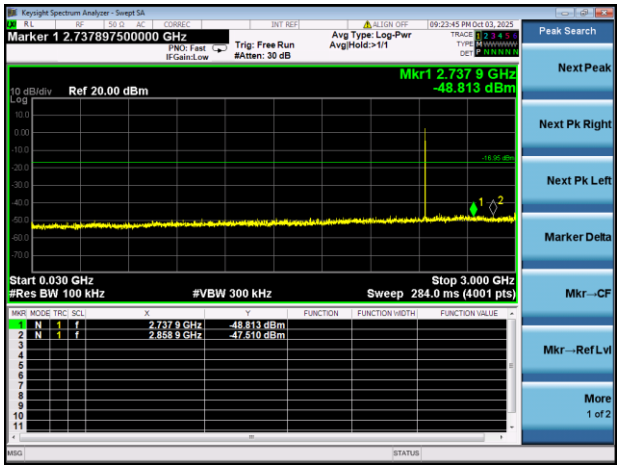


GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz

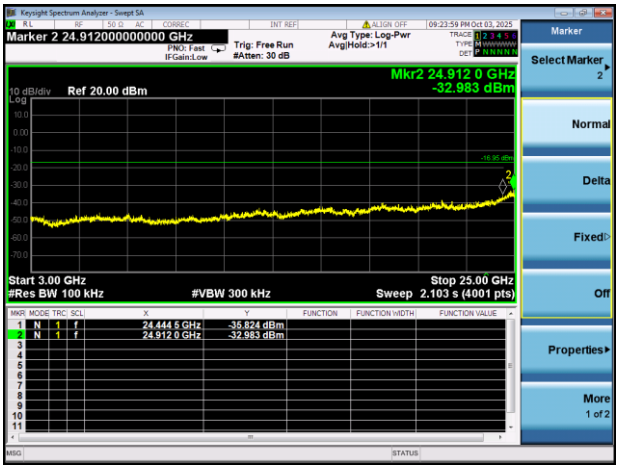


GFSK MIDDLE CHANNEL, CARRIER LEVEL

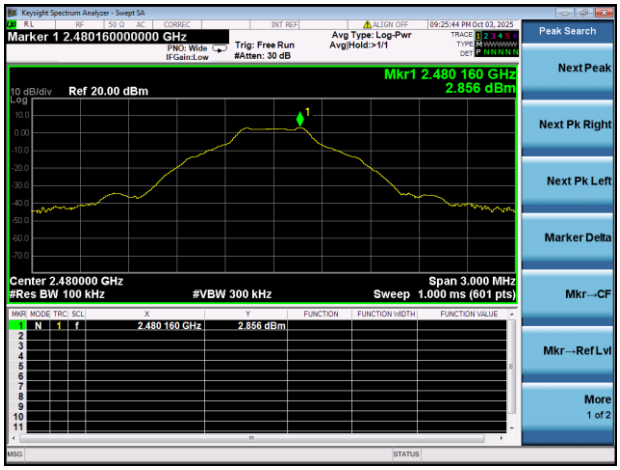
GFSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



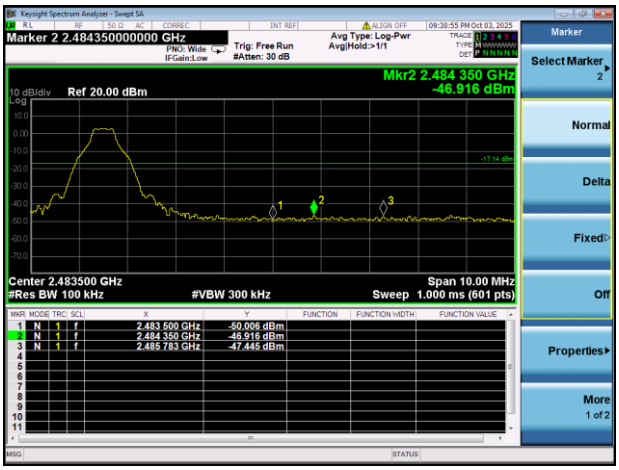
GFSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



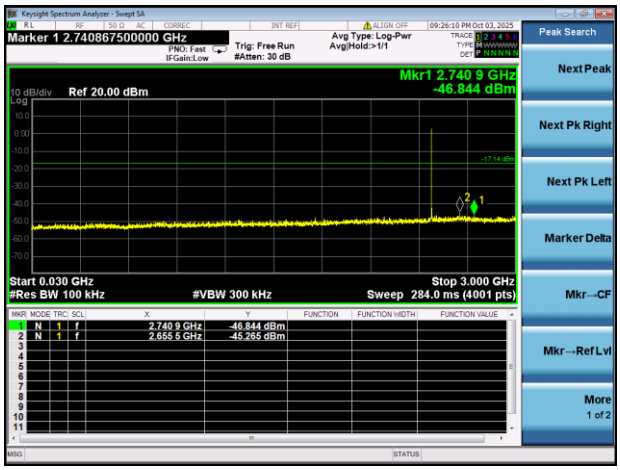
GFSK HIGH CHANNEL, CARRIER LEVEL



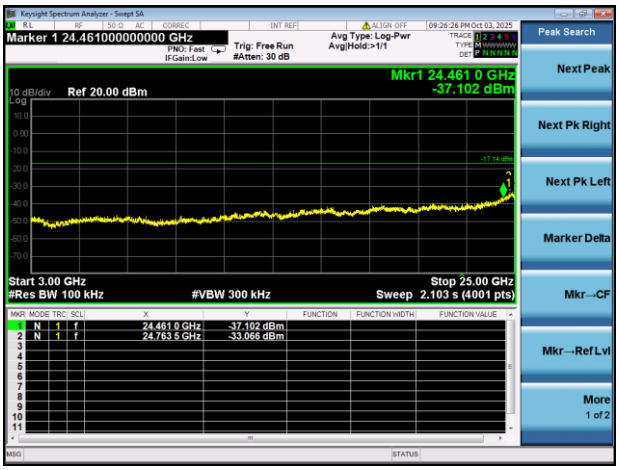
GFSK HIGH CHANNEL, BAND EDGE



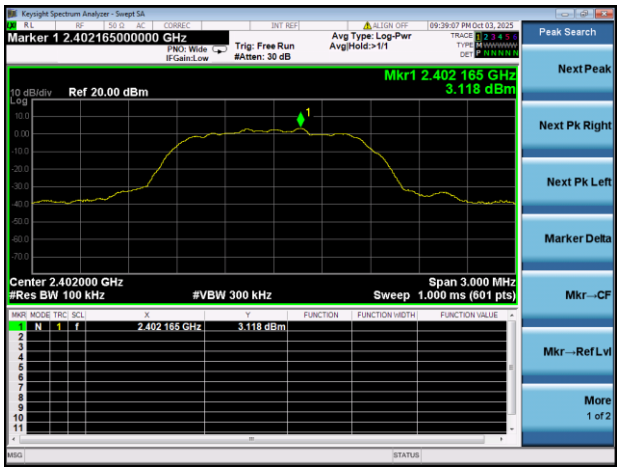
GFSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



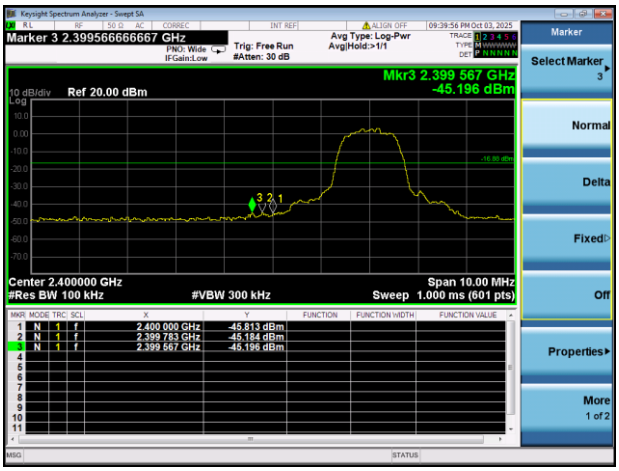
GFSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



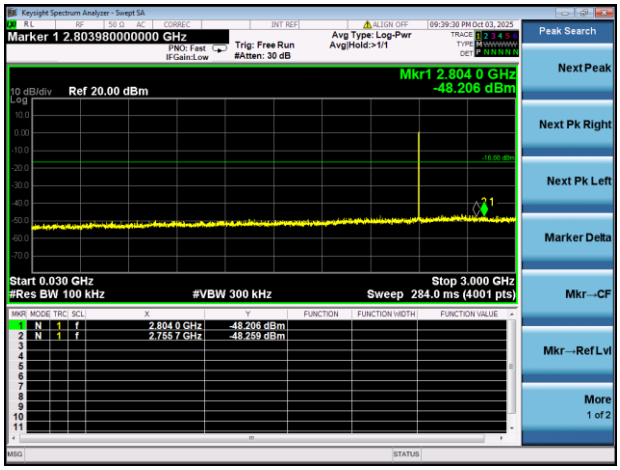
8-DPSK LOW CHANNEL, CARRIER LEVEL



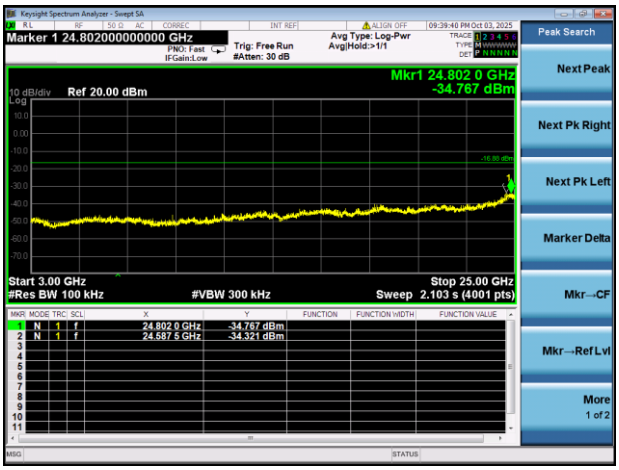
8-DPSK LOW CHANNEL, BAND EDGE



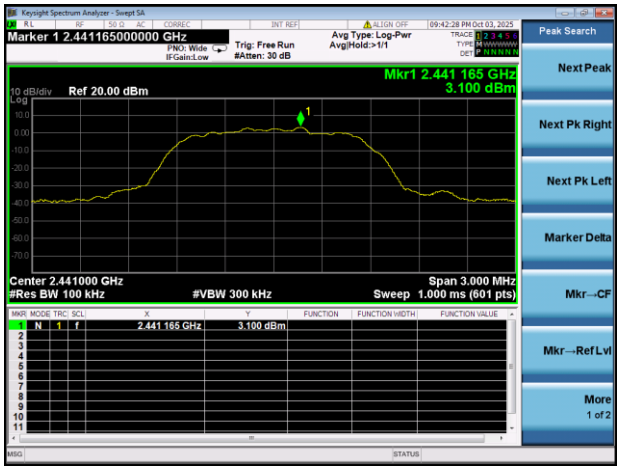
8-DPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



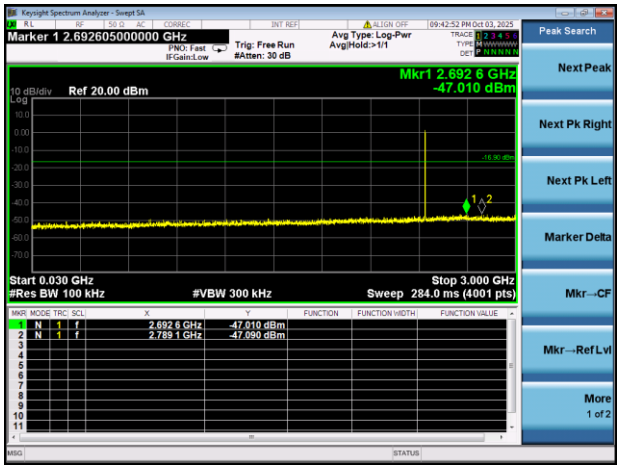
8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



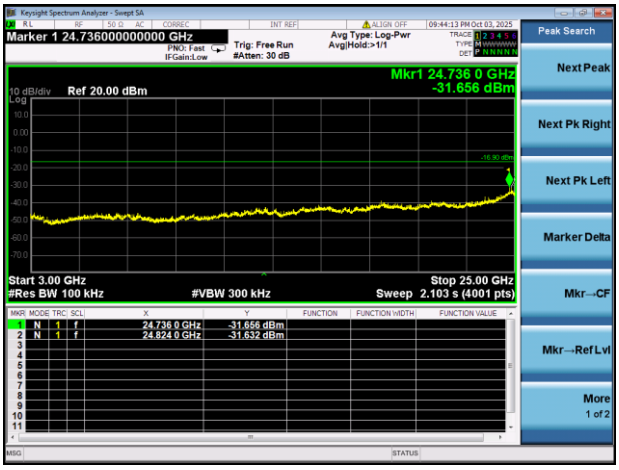
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



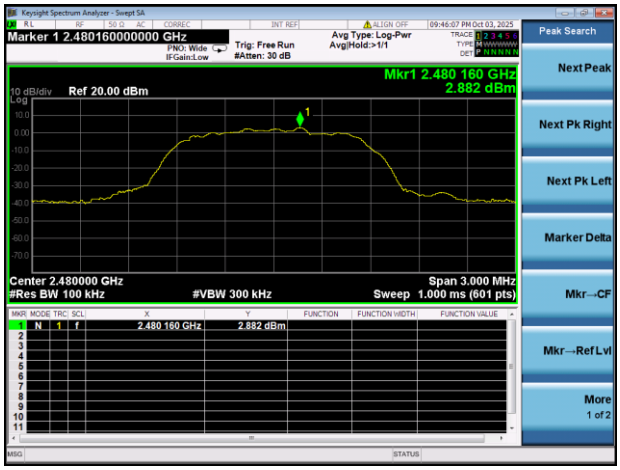
8-DPSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



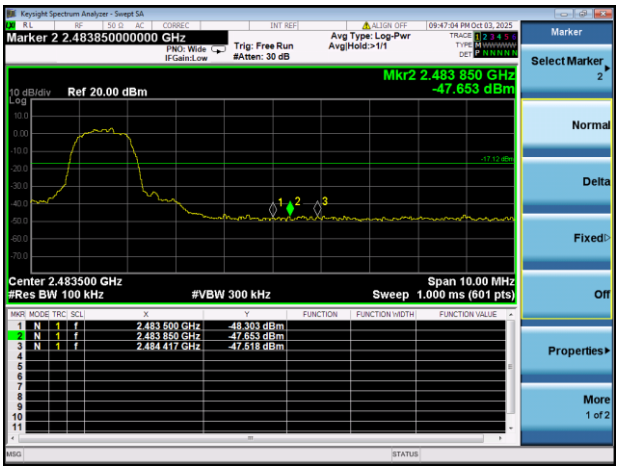
8-DPSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



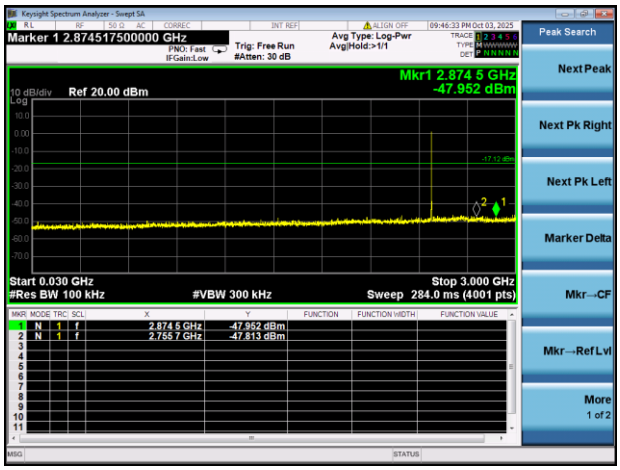
8-DPSK HIGH CHANNEL, CARRIER LEVEL



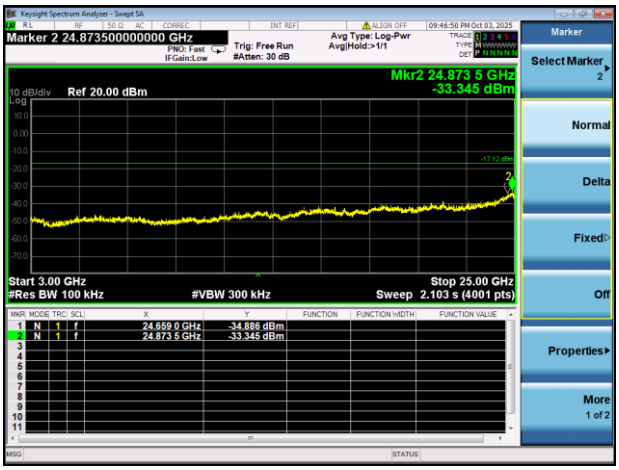
8-DPSK HIGH CHANNEL, BAND EDGE



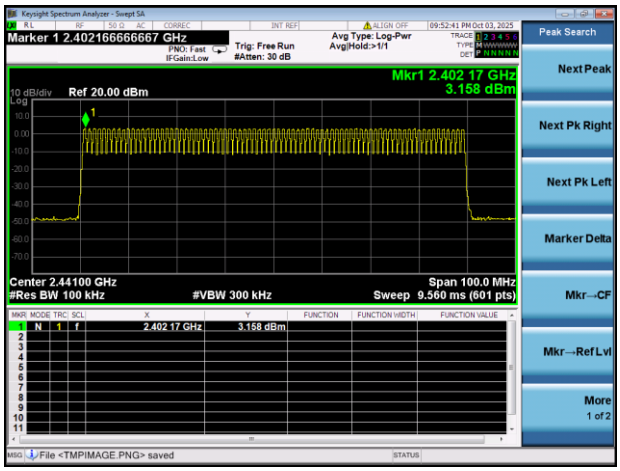
8-DPSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



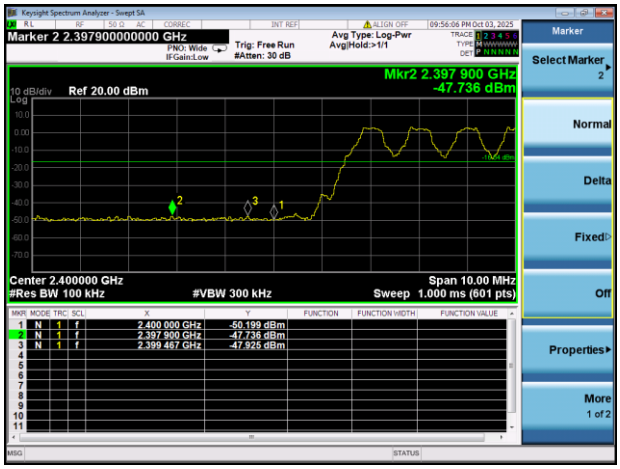
8-DPSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



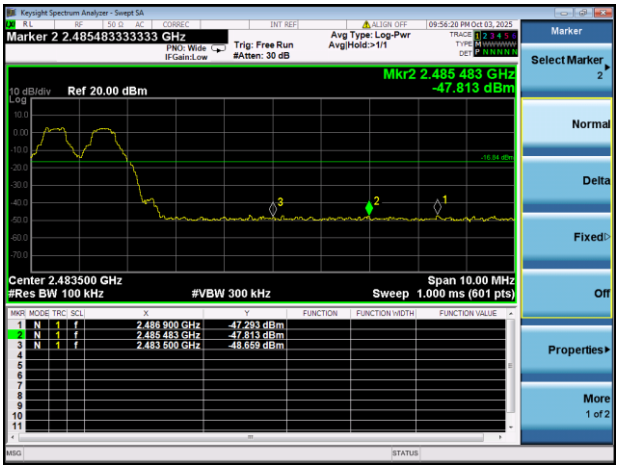
GFSK HOPPING, CARRIER LEVEL



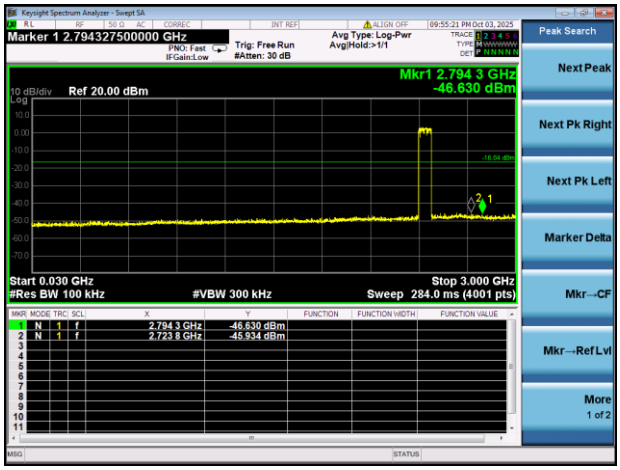
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

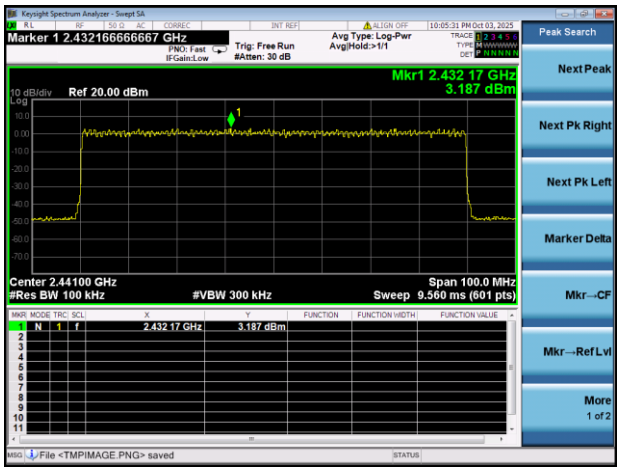


GFSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz

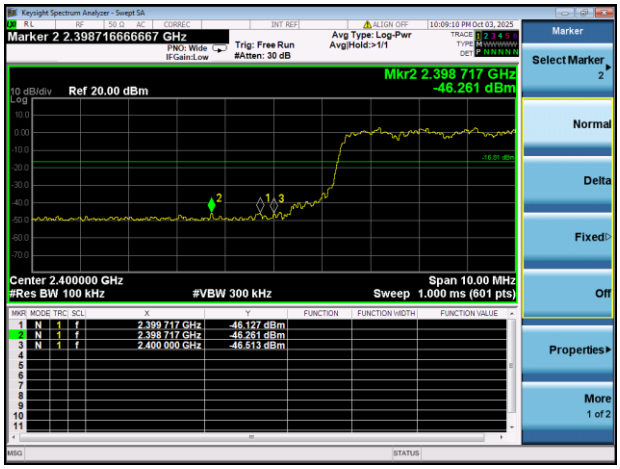


GFSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz

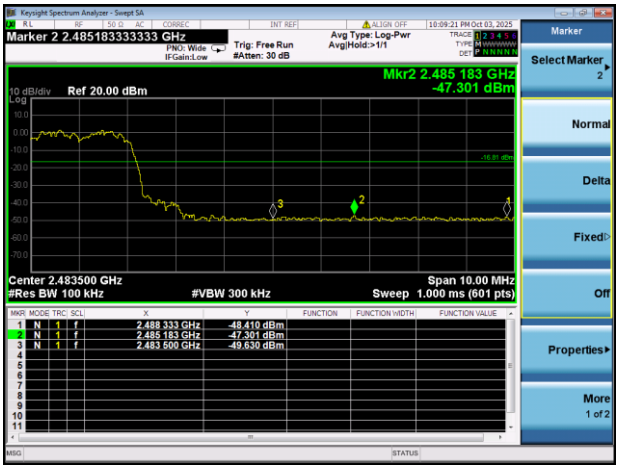
8-DPSK HOPPING, CARRIER LEVEL



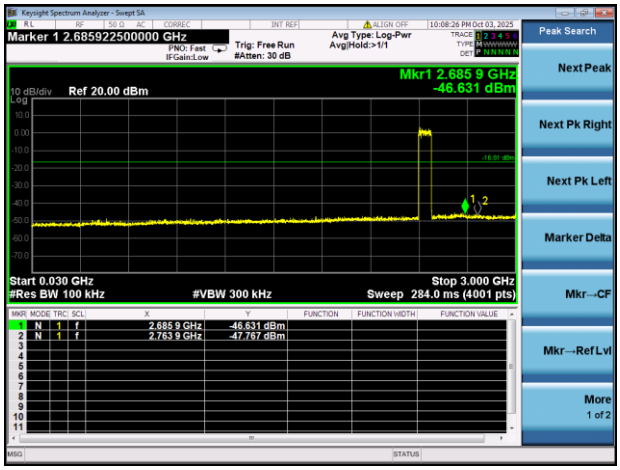
8-DPSK Hopping BAND EDGE (LOW)



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

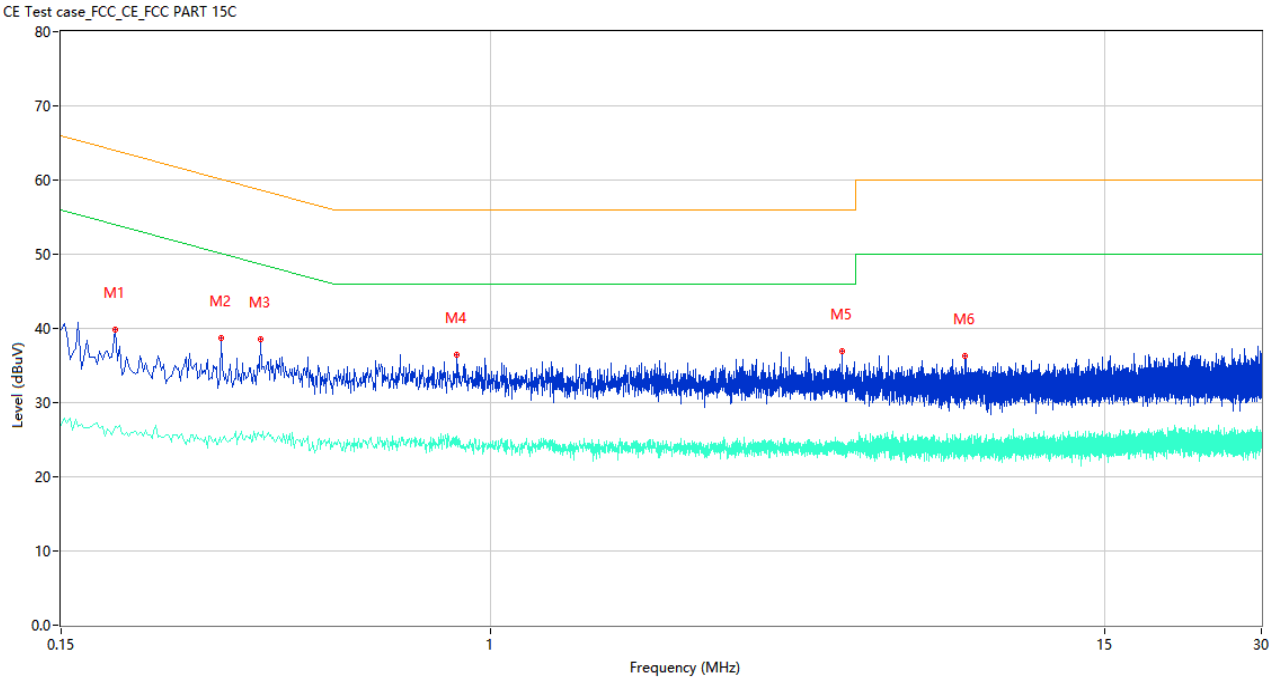
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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 (120 VAC, 60 Hz) shown here.

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

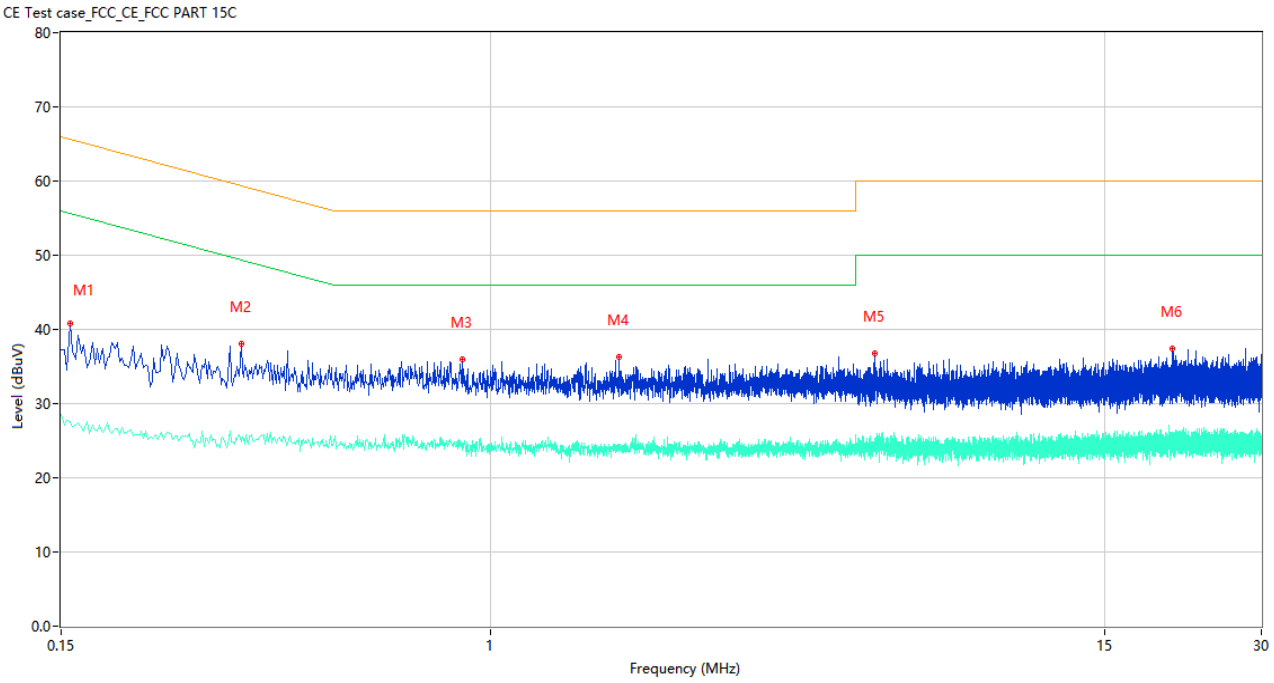
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.190	39.80	9.84	64.04	24.24	Peak	L	Pass
1**	0.190	26.78	9.84	54.04	27.26	AV	L	Pass
2	0.304	38.79	9.90	60.13	21.34	Peak	L	Pass
2**	0.304	24.69	9.90	50.13	25.44	AV	L	Pass
3	0.362	38.56	10.77	58.68	20.12	Peak	L	Pass
3**	0.362	25.57	10.77	48.68	23.11	AV	L	Pass
4	0.862	36.39	10.57	56.00	19.61	Peak	L	Pass
4**	0.862	25.47	10.57	46.00	20.53	AV	L	Pass
5	4.718	36.92	10.18	56.00	19.08	Peak	L	Pass
5**	4.718	24.64	10.18	46.00	21.36	AV	L	Pass
6	8.118	36.27	10.21	60.00	23.73	Peak	L	Pass
6**	8.118	24.18	10.21	50.00	25.82	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	40.76	9.86	65.67	24.91	Peak	N	Pass
1**	0.156	27.63	9.86	55.67	28.04	AV	N	Pass
2	0.332	38.06	10.46	59.40	21.34	Peak	N	Pass
2**	0.332	24.83	10.46	49.40	24.57	AV	N	Pass
3	0.880	35.98	10.41	56.00	20.02	Peak	N	Pass
3**	0.880	24.65	10.41	46.00	21.35	AV	N	Pass
4	1.758	36.22	10.21	56.00	19.78	Peak	N	Pass
4**	1.758	24.42	10.21	46.00	21.58	AV	N	Pass
5	5.452	36.83	10.19	60.00	23.17	Peak	N	Pass
5**	5.452	25.40	10.19	50.00	24.60	AV	N	Pass
6	20.290	37.44	11.10	60.00	22.56	Peak	N	Pass
6**	20.290	25.24	11.10	50.00	24.76	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 C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

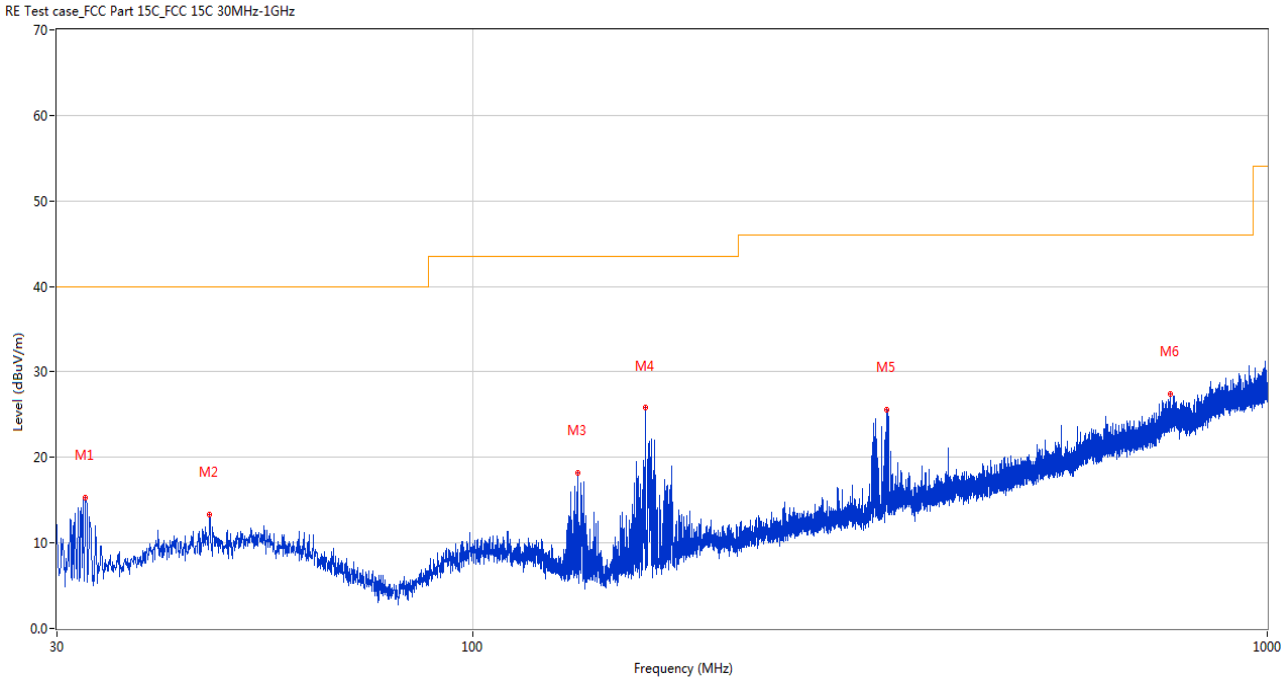
Note [3]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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.

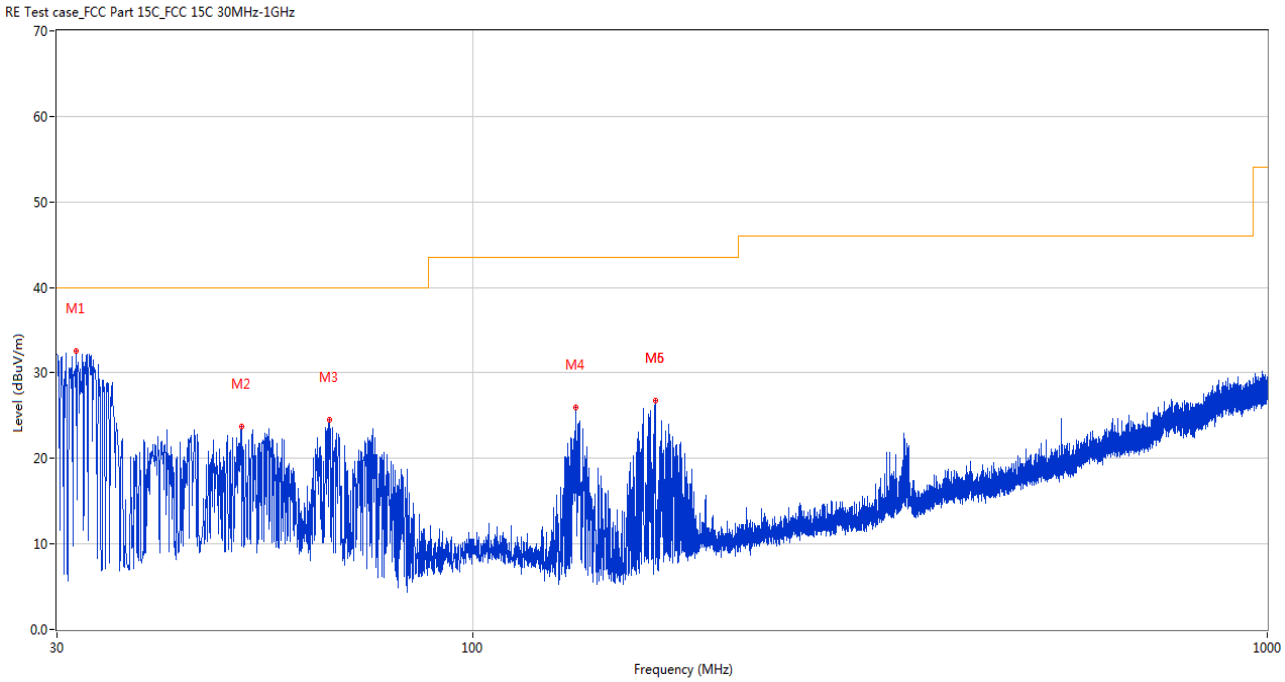
Test Data and Plots

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	32.571	15.35	-29.25	40.0	24.65	Peak	0.50	100	Horizontal	Pass
2	46.684	13.34	-24.92	40.0	26.66	Peak	42.30	100	Horizontal	Pass
3	135.488	18.20	-29.66	43.5	25.30	Peak	278.10	100	Horizontal	Pass
4	165.169	25.78	-28.64	43.5	17.72	Peak	263.40	100	Horizontal	Pass
5	332.155	25.54	-21.98	46.0	20.46	Peak	60.60	100	Horizontal	Pass
6	754.396	27.43	-11.48	46.0	18.57	Peak	258.70	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	31.698	32.60	-29.52	40.0	7.40	Peak	175.40	100	Vertical	Pass
2	51.194	23.71	-24.79	40.0	16.29	Peak	302.70	100	Vertical	Pass
3	65.987	24.55	-27.63	40.0	15.45	Peak	136.40	100	Vertical	Pass
4	135.051	25.98	-29.63	43.5	17.52	Peak	351.40	100	Vertical	Pass
5	169.777	26.77	-28.40	43.5	16.73	Peak	131.70	100	Vertical	Pass
6	169.777	26.77	-28.40	43.5	16.73	Peak	131.70	100	Vertical	Pass

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

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

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	1333.998	40.57	74.0	33.43	Peak	100.00	300	Horizontal	Pass
1**	1333.998	31.17	54.0	22.83	AV	100.00	300	Horizontal	Pass
2	2979.844	53.92	74.0	20.08	Peak	351.00	200	Horizontal	Pass
2**	2979.844	41.05	54.0	12.95	AV	351.00	200	Horizontal	Pass
3	4912.475	49.88	74.0	24.12	Peak	317.00	200	Horizontal	Pass
3**	4912.475	38.94	54.0	15.06	AV	317.00	200	Horizontal	Pass
4	7624.958	56.57	74.0	17.43	Peak	357.00	300	Horizontal	Pass
4**	7624.958	41.15	54.0	12.85	AV	357.00	300	Horizontal	Pass
5	12472.844	53.20	74.0	20.80	Peak	204.00	300	Horizontal	Pass
5**	12472.844	42.05	54.0	11.95	AV	204.00	300	Horizontal	Pass
6	16863.652	57.35	74.0	16.65	Peak	212.00	200	Horizontal	Pass
6**	16863.652	45.55	54.0	8.45	AV	212.00	200	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	1459.886	44.97	74.0	29.03	Peak	324.00	200	Vertical	Pass
1**	1459.886	34.14	54.0	19.86	AV	324.00	200	Vertical	Pass
2	2988.999	51.37	74.0	22.63	Peak	219.00	400	Vertical	Pass
2**	2988.999	43.53	54.0	10.47	AV	219.00	400	Vertical	Pass
3	4823.286	46.46	74.0	27.54	Peak	68.00	200	Vertical	Pass
3**	4823.286	39.16	54.0	14.84	AV	68.00	200	Vertical	Pass
4	7971.046	52.89	74.0	21.11	Peak	145.00	400	Vertical	Pass
4**	7971.046	43.57	54.0	10.43	AV	145.00	400	Vertical	Pass
5	12447.340	50.50	74.0	23.50	Peak	169.00	400	Vertical	Pass
5**	12447.340	45.66	54.0	8.34	AV	169.00	400	Vertical	Pass
6	17454.235	55.85	74.0	18.15	Peak	236.00	300	Vertical	Pass
6**	17454.235	44.06	54.0	9.94	AV	236.00	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	1333.754	40.74	74.0	33.26	Peak	230.00	300	Horizontal	Pass
1**	1333.754	30.63	54.0	23.37	AV	230.00	300	Horizontal	Pass
2	2972.404	48.84	74.0	25.16	Peak	158.00	300	Horizontal	Pass
2**	2972.404	38.42	54.0	15.58	AV	158.00	300	Horizontal	Pass
3	4918.833	47.44	74.0	26.56	Peak	203.00	200	Horizontal	Pass
3**	4918.833	40.95	54.0	13.05	AV	203.00	200	Horizontal	Pass
4	7626.762	51.74	74.0	22.26	Peak	355.00	300	Horizontal	Pass
4**	7626.762	41.50	54.0	12.50	AV	355.00	300	Horizontal	Pass
5	12478.108	53.51	74.0	20.49	Peak	161.00	100	Horizontal	Pass
5**	12478.108	44.57	54.0	9.43	AV	161.00	100	Horizontal	Pass
6	16863.294	53.20	74.0	20.80	Peak	247.00	400	Horizontal	Pass
6**	16863.294	45.08	54.0	8.92	AV	247.00	400	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	1466.469	41.20	74.0	32.80	Peak	298.00	200	Vertical	Pass
1**	1466.469	34.10	54.0	19.90	AV	298.00	200	Vertical	Pass
2	2994.151	52.86	74.0	21.14	Peak	269.00	100	Vertical	Pass
2**	2994.151	43.47	54.0	10.53	AV	269.00	100	Vertical	Pass
3	4823.184	51.14	74.0	22.86	Peak	285.00	200	Vertical	Pass
3**	4823.184	37.17	54.0	16.83	AV	285.00	200	Vertical	Pass
4	7967.244	52.06	74.0	21.94	Peak	165.00	300	Vertical	Pass
4**	7967.244	44.87	54.0	9.13	AV	165.00	300	Vertical	Pass
5	12444.482	53.87	74.0	20.13	Peak	225.00	100	Vertical	Pass
5**	12444.482	42.07	54.0	11.93	AV	225.00	100	Vertical	Pass
6	17453.874	53.72	74.0	20.28	Peak	182.00	400	Vertical	Pass
6**	17453.874	44.94	54.0	9.06	AV	182.00	400	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	1336.159	43.13	74.0	30.87	Peak	181.00	400	Horizontal	Pass
1**	1336.159	34.66	54.0	19.34	AV	181.00	400	Horizontal	Pass
2	2974.492	48.90	74.0	25.10	Peak	216.00	300	Horizontal	Pass
2**	2974.492	39.05	54.0	14.95	AV	216.00	300	Horizontal	Pass
3	4916.514	48.47	74.0	25.53	Peak	239.00	200	Horizontal	Pass
3**	4916.514	43.33	54.0	10.67	AV	239.00	200	Horizontal	Pass
4	7630.182	51.57	74.0	22.43	Peak	221.00	300	Horizontal	Pass
4**	7630.182	44.32	54.0	9.68	AV	221.00	300	Horizontal	Pass
5	12476.252	50.69	74.0	23.31	Peak	81.00	100	Horizontal	Pass
5**	12476.252	42.29	54.0	11.71	AV	81.00	100	Horizontal	Pass
6	16861.463	56.05	74.0	17.95	Peak	75.00	200	Horizontal	Pass
6**	16861.463	46.27	54.0	7.73	AV	75.00	200	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	1460.490	43.20	74.0	30.80	Peak	122.00	300	Vertical	Pass
1**	1460.490	34.69	54.0	19.31	AV	122.00	300	Vertical	Pass
2	2994.172	52.29	74.0	21.71	Peak	35.00	300	Vertical	Pass
2**	2994.172	43.45	54.0	10.55	AV	35.00	300	Vertical	Pass
3	4821.996	47.57	74.0	26.43	Peak	158.00	200	Vertical	Pass
3**	4821.996	39.37	54.0	14.63	AV	158.00	200	Vertical	Pass
4	7970.930	55.91	74.0	18.09	Peak	133.00	100	Vertical	Pass
4**	7970.930	47.39	54.0	6.61	AV	133.00	100	Vertical	Pass
5	12448.028	53.01	74.0	20.99	Peak	97.00	400	Vertical	Pass
5**	12448.028	43.20	54.0	10.80	AV	97.00	400	Vertical	Pass
6	17457.697	57.25	74.0	16.75	Peak	232.00	400	Vertical	Pass
6**	17457.697	43.19	54.0	10.81	AV	232.00	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	1287.802	40.77	74.0	33.23	Peak	149.00	300	Horizontal	Pass
1**	1287.802	34.33	54.0	19.67	AV	149.00	300	Horizontal	Pass
2	2770.961	50.85	74.0	23.15	Peak	210.00	300	Horizontal	Pass
2**	2770.961	44.77	54.0	9.23	AV	210.00	300	Horizontal	Pass
3	5163.649	49.94	74.0	24.06	Peak	81.00	200	Horizontal	Pass
3**	5163.649	44.34	54.0	9.66	AV	81.00	200	Horizontal	Pass
4	6807.324	52.86	74.0	21.14	Peak	121.00	100	Horizontal	Pass
4**	6807.324	46.50	54.0	7.50	AV	121.00	100	Horizontal	Pass
5	13466.426	54.32	74.0	19.68	Peak	285.00	200	Horizontal	Pass
5**	13466.426	47.50	54.0	6.50	AV	285.00	200	Horizontal	Pass
6	17465.552	55.52	74.0	18.48	Peak	12.00	100	Horizontal	Pass
6**	17465.552	48.92	54.0	5.08	AV	12.00	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	1286.986	41.78	74.0	32.22	Peak	305.00	400	Vertical	Pass
1**	1286.986	33.47	54.0	20.53	AV	305.00	400	Vertical	Pass
2	2770.763	56.58	74.0	17.42	Peak	31.00	200	Vertical	Pass
2**	2770.763	48.08	54.0	5.92	AV	31.00	200	Vertical	Pass
3	5164.507	54.56	74.0	19.44	Peak	352.00	200	Vertical	Pass
3**	5164.507	46.02	54.0	7.98	AV	352.00	200	Vertical	Pass
4	6803.643	51.82	74.0	22.18	Peak	220.00	300	Vertical	Pass
4**	6803.643	45.27	54.0	8.73	AV	220.00	300	Vertical	Pass
5	13468.440	50.94	74.0	23.06	Peak	147.00	400	Vertical	Pass
5**	13468.440	46.21	54.0	7.79	AV	147.00	400	Vertical	Pass
6	17466.460	60.62	74.0	13.38	Peak	159.00	200	Vertical	Pass
6**	17466.460	50.35	54.0	3.65	AV	159.00	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	1288.641	41.18	74.0	32.82	Peak	326.00	200	Horizontal	Pass
1**	1288.641	34.96	54.0	19.04	AV	326.00	200	Horizontal	Pass
2	2767.342	50.76	74.0	23.24	Peak	90.00	100	Horizontal	Pass
2**	2767.342	40.86	54.0	13.14	AV	90.00	100	Horizontal	Pass
3	5167.186	49.85	74.0	24.15	Peak	340.00	200	Horizontal	Pass
3**	5167.186	44.96	54.0	9.04	AV	340.00	200	Horizontal	Pass
4	6805.636	52.83	74.0	21.17	Peak	282.00	100	Horizontal	Pass
4**	6805.636	44.70	54.0	9.30	AV	282.00	100	Horizontal	Pass
5	13468.638	55.16	74.0	18.84	Peak	117.00	100	Horizontal	Pass
5**	13468.638	45.51	54.0	8.49	AV	117.00	100	Horizontal	Pass
6	17466.055	53.75	74.0	20.25	Peak	348.00	200	Horizontal	Pass
6**	17466.055	45.73	54.0	8.27	AV	348.00	200	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	1286.408	46.83	74.0	27.17	Peak	196.00	200	Vertical	Pass
1**	1286.408	31.30	54.0	22.70	AV	196.00	200	Vertical	Pass
2	2770.197	56.25	74.0	17.75	Peak	212.00	400	Vertical	Pass
2**	2770.197	47.38	54.0	6.62	AV	212.00	400	Vertical	Pass
3	5166.506	56.76	74.0	17.24	Peak	20.00	200	Vertical	Pass
3**	5166.506	44.11	54.0	9.89	AV	20.00	200	Vertical	Pass
4	6802.236	51.31	74.0	22.69	Peak	320.00	400	Vertical	Pass
4**	6802.236	47.36	54.0	6.64	AV	320.00	400	Vertical	Pass
5	13465.168	53.86	74.0	20.14	Peak	343.00	300	Vertical	Pass
5**	13465.168	43.25	54.0	10.75	AV	343.00	300	Vertical	Pass
6	17462.685	60.36	74.0	13.64	Peak	16.00	300	Vertical	Pass
6**	17462.685	48.58	54.0	5.42	AV	16.00	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	1284.281	44.10	74.0	29.90	Peak	38.00	200	Horizontal	Pass
1**	1284.281	30.72	54.0	23.28	AV	38.00	200	Horizontal	Pass
2	2767.383	50.07	74.0	23.93	Peak	46.00	300	Horizontal	Pass
2**	2767.383	41.52	54.0	12.48	AV	46.00	300	Horizontal	Pass
3	5169.396	54.64	74.0	19.36	Peak	161.00	200	Horizontal	Pass
3**	5169.396	44.75	54.0	9.25	AV	161.00	200	Horizontal	Pass
4	6804.728	51.97	74.0	22.03	Peak	356.00	300	Horizontal	Pass
4**	6804.728	45.00	54.0	9.00	AV	356.00	300	Horizontal	Pass
5	13470.899	55.34	74.0	18.66	Peak	254.00	100	Horizontal	Pass
5**	13470.899	44.99	54.0	9.01	AV	254.00	100	Horizontal	Pass
6	17470.773	54.73	74.0	19.27	Peak	46.00	100	Horizontal	Pass
6**	17470.773	45.05	54.0	8.95	AV	46.00	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	1283.553	42.79	74.0	31.21	Peak	94.00	100	Vertical	Pass
1**	1283.553	35.99	54.0	18.01	AV	94.00	100	Vertical	Pass
2	2773.065	52.26	74.0	21.74	Peak	211.00	400	Vertical	Pass
2**	2773.065	43.06	54.0	10.94	AV	211.00	400	Vertical	Pass
3	5165.746	53.21	74.0	20.79	Peak	269.00	200	Vertical	Pass
3**	5165.746	44.08	54.0	9.92	AV	269.00	200	Vertical	Pass
4	6804.314	52.85	74.0	21.15	Peak	217.00	300	Vertical	Pass
4**	6804.314	44.90	54.0	9.10	AV	217.00	300	Vertical	Pass
5	13466.028	52.73	74.0	21.27	Peak	256.00	300	Vertical	Pass
5**	13466.028	42.26	54.0	11.74	AV	256.00	300	Vertical	Pass
6	17465.700	59.89	74.0	14.11	Peak	229.00	400	Vertical	Pass
6**	17465.700	50.32	54.0	3.68	AV	229.00	400	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 C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

Test Data

GFSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2361.556	59.27	74.0	14.73	Peak	324.00	300	Horizontal	Pass
1**	2361.556	45.43	54.0	8.57	AV	324.00	300	Horizontal	Pass
2	2390.000	55.28	74.0	18.72	Peak	233.00	200	Horizontal	Pass
2**	2390.000	46.25	54.0	7.75	AV	233.00	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	2483.500	57.5	74.0	16.50	Peak	289.00	300	Horizontal	Pass
1**	2483.500	44.94	54.0	9.06	AV	289.00	300	Horizontal	Pass
2	2484.829	60.09	74.0	13.91	Peak	308.00	100	Horizontal	Pass
2**	2484.829	48.16	54.0	5.84	AV	308.00	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	2362.401	55.54	74.0	18.46	Peak	240.00	300	Horizontal	Pass
1**	2362.401	44.08	54.0	9.92	AV	240.00	300	Horizontal	Pass
2	2390.000	55.25	74.0	18.75	Peak	229.00	100	Horizontal	Pass
2**	2390.000	48.32	54.0	5.68	AV	229.00	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	2483.500	55.53	74.0	18.47	Peak	210.00	300	Horizontal	Pass
1**	2483.500	48.7	54.0	5.30	AV	210.00	300	Horizontal	Pass
2	2486.246	57.7	74.0	16.30	Peak	29.00	100	Horizontal	Pass
2**	2486.246	46.09	54.0	7.91	AV	29.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2591405-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2591405-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2591405-AI.PDF”.

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--END OF REPORT--