

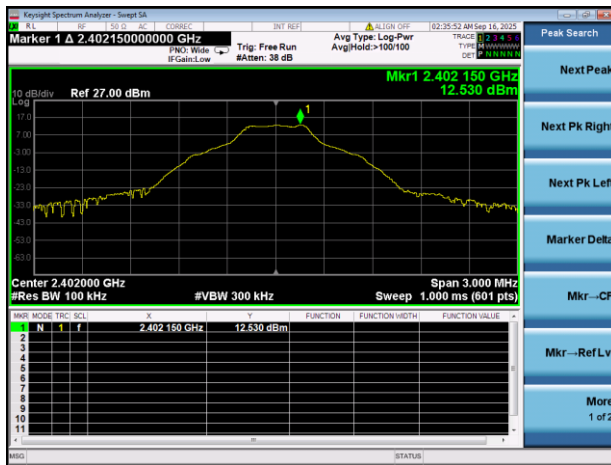
A.6 Conducted Spurious Emissions & Authorized-band band-edge

Test Data

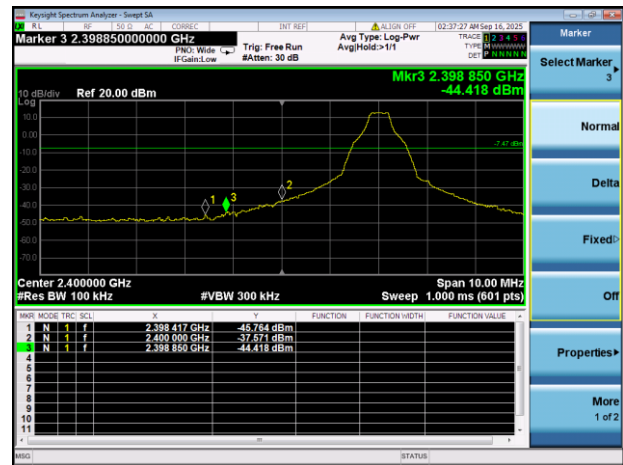
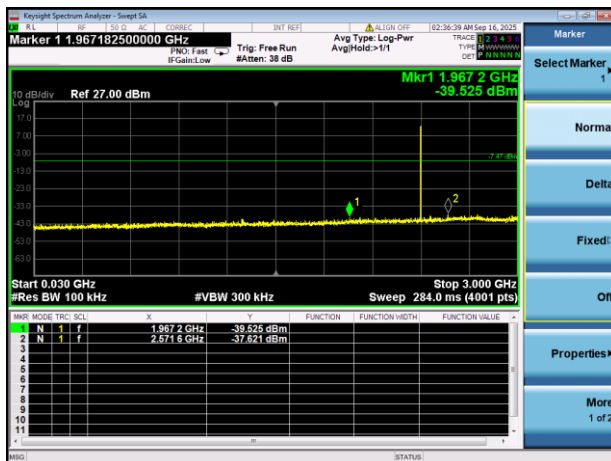
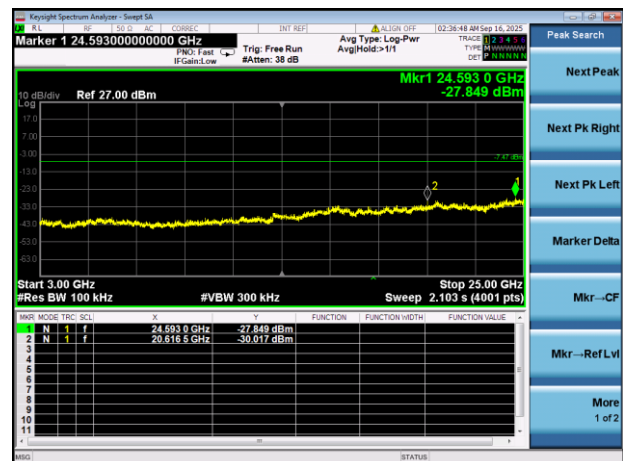
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-27.85	12.53	-7.47	Pass
Middle	-27.61	12.48	-7.52	Pass
High	-23.79	12.02	-7.98	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.63	10.99	-9.01	Pass
Middle	-38.17	10.78	-9.22	Pass
High	-36.63	10.40	-9.60	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-35.78	12.97	-7.03	Pass
8-DPSK	-36.51	11.05	-8.95	Pass

Test Plots

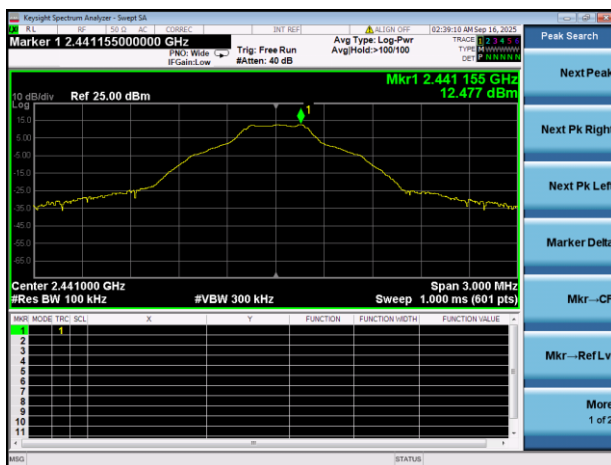
GFSK LOW CHANNEL, CARRIER LEVEL



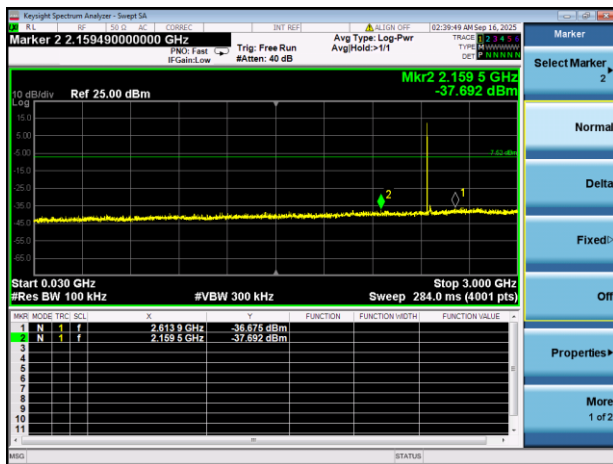
GFSK LOW CHANNEL, BAND EDGE

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

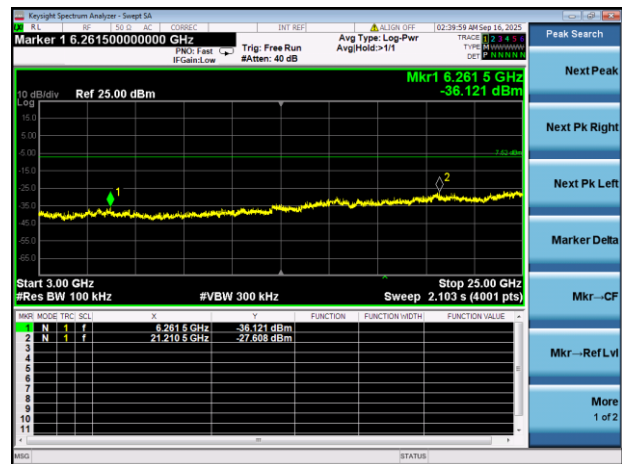
GFSK MIDDLE CHANNEL, CARRIER LEVEL



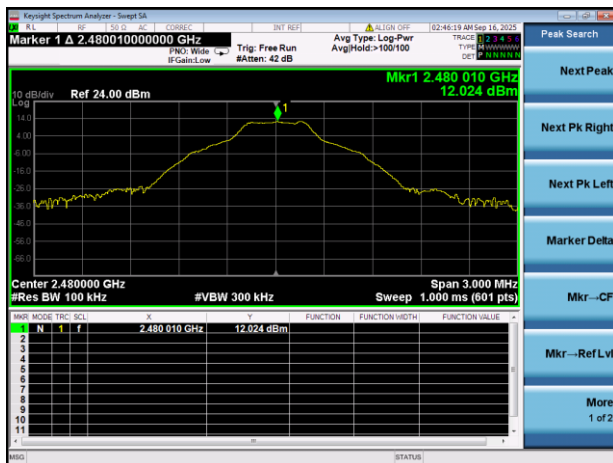
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



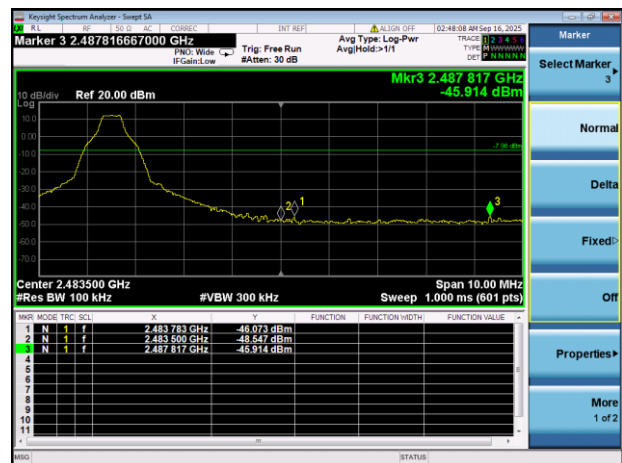
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



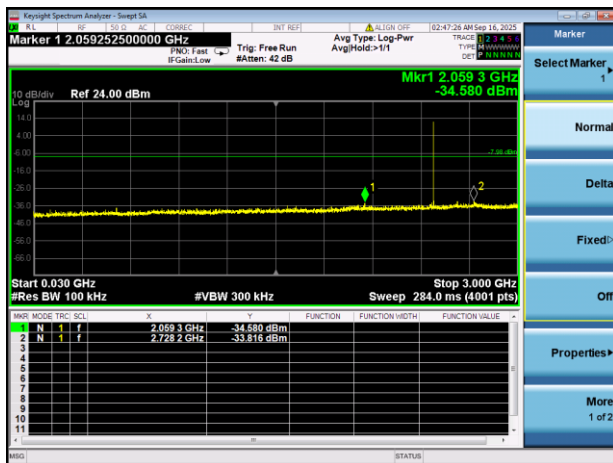
GFSK HIGH CHANNEL, CARRIER LEVEL



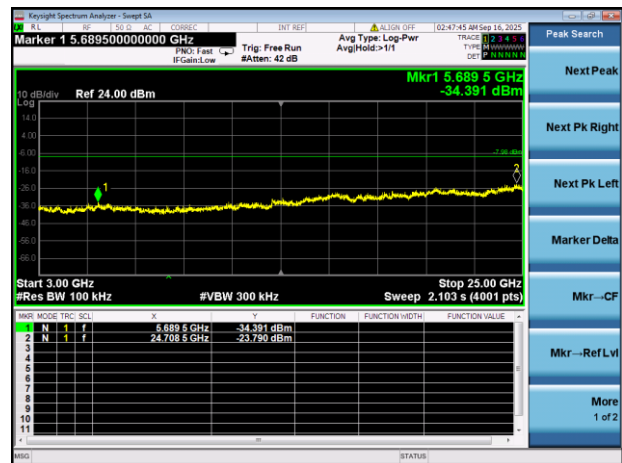
GFSK HIGH CHANNEL, BAND EDGE



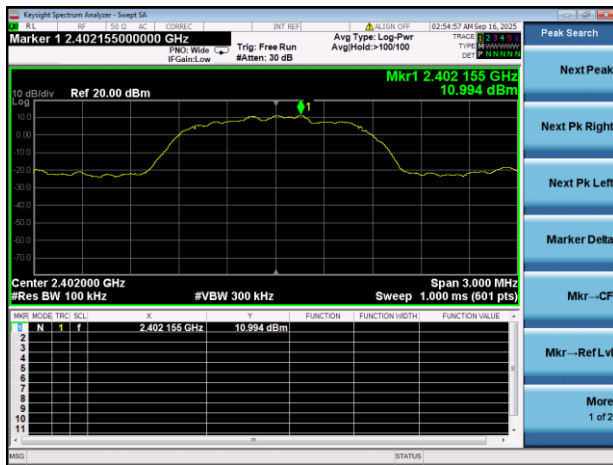
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



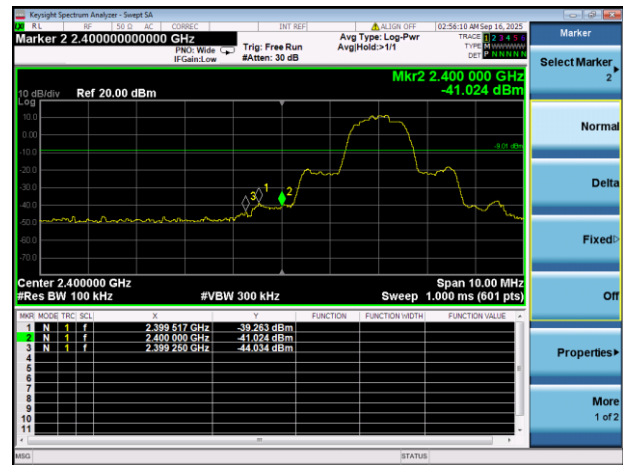
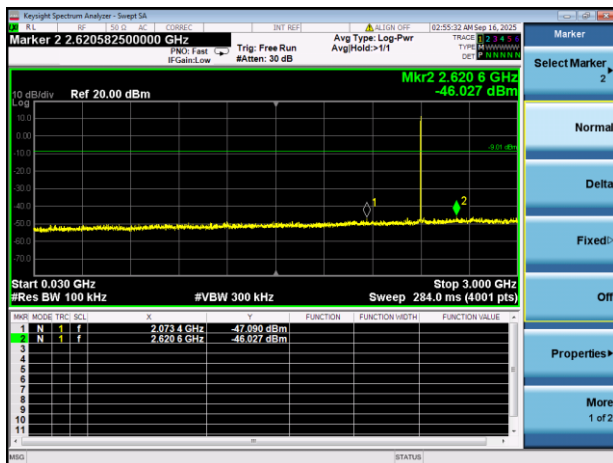
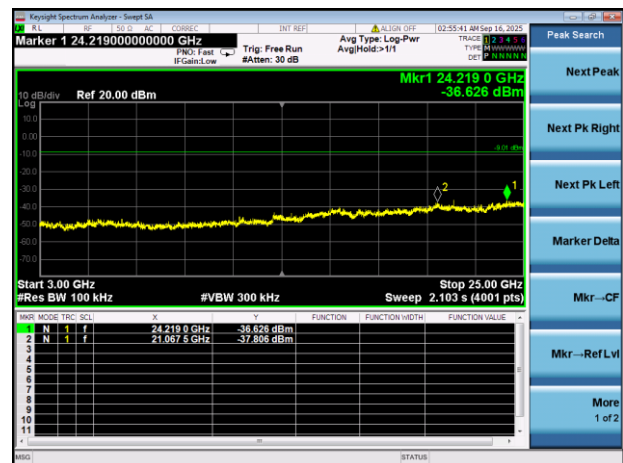
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



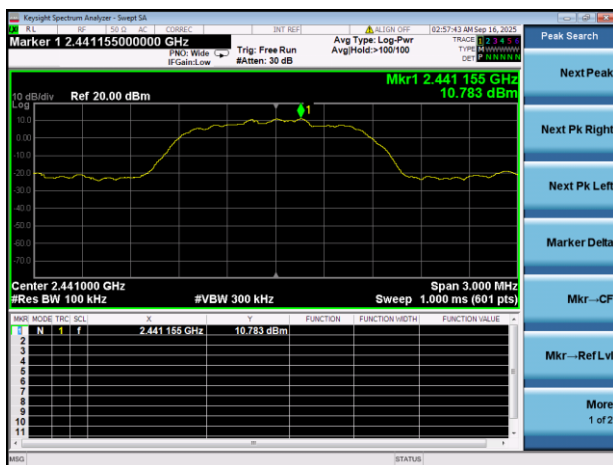
8-DPSK LOW CHANNEL, CARRIER LEVEL



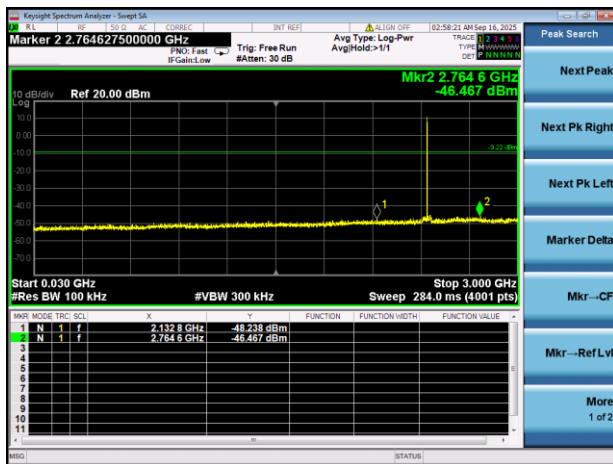
8-DPSK LOW CHANNEL, BAND EDGE

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

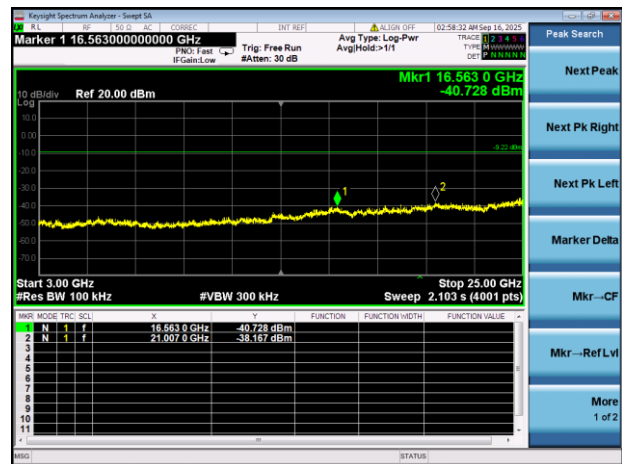
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



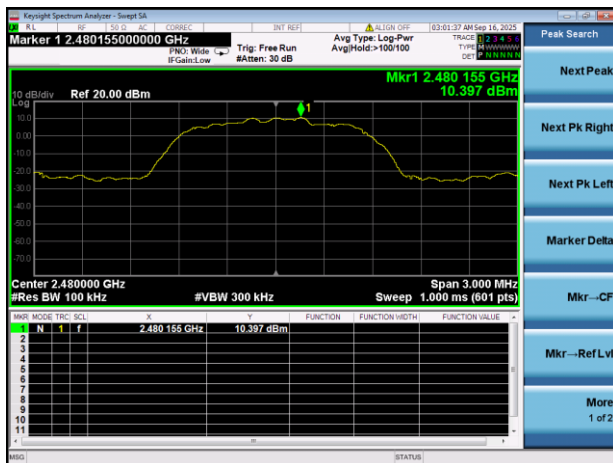
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



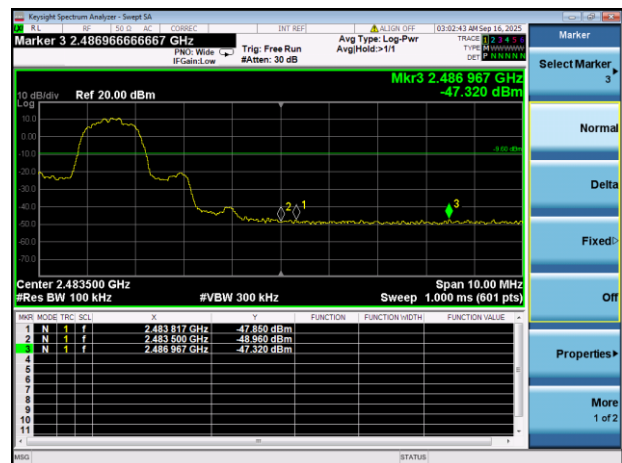
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



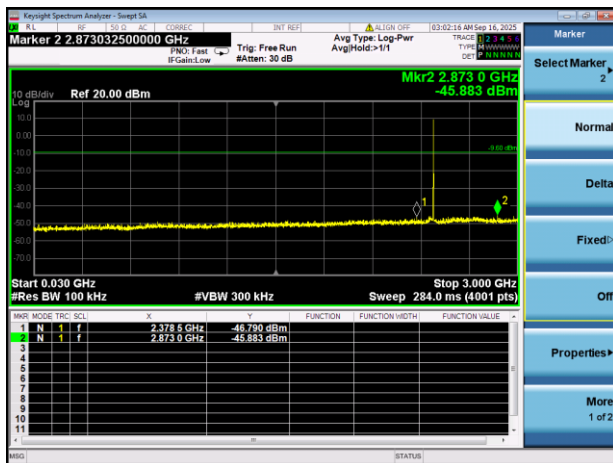
8-DPSK HIGH CHANNEL, CARRIER LEVEL



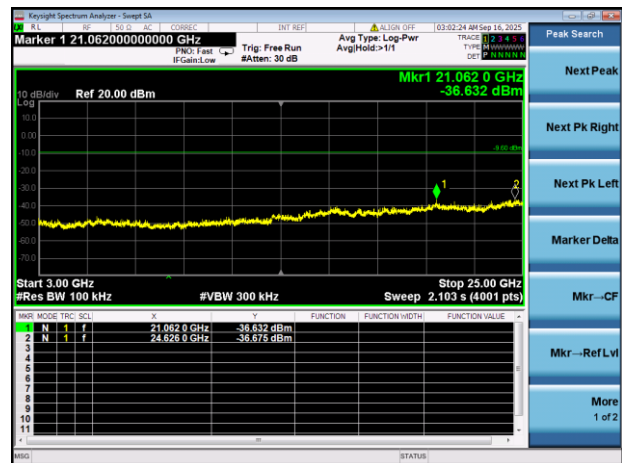
8-DPSK HIGH CHANNEL, BAND EDGE



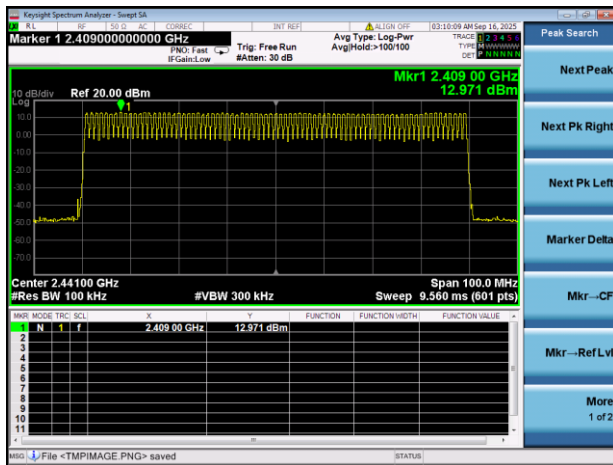
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



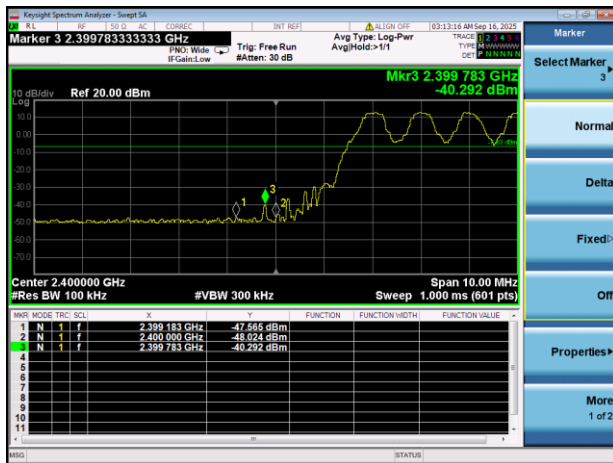
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



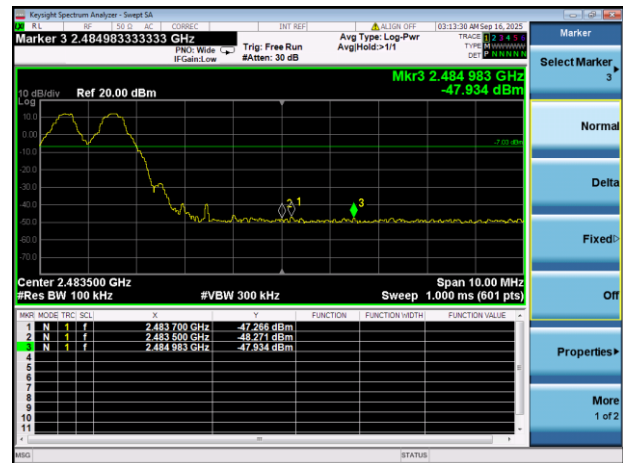
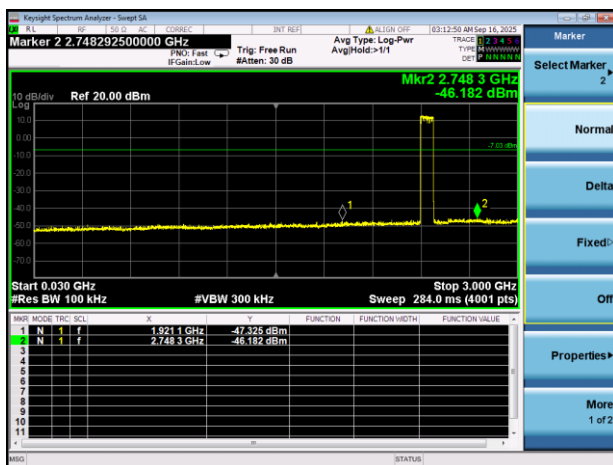
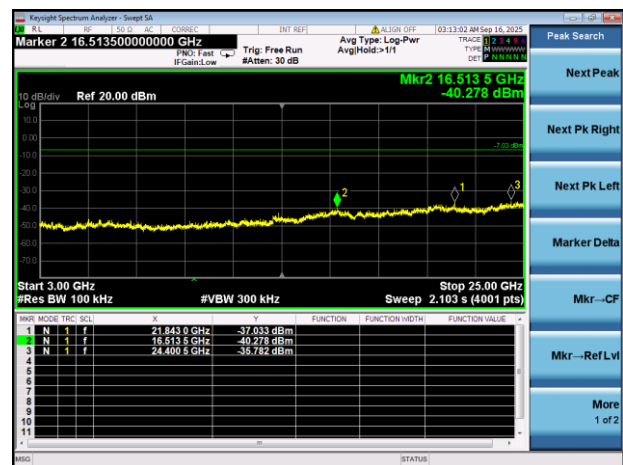
GFSK HOPPING, CARRIER LEVEL



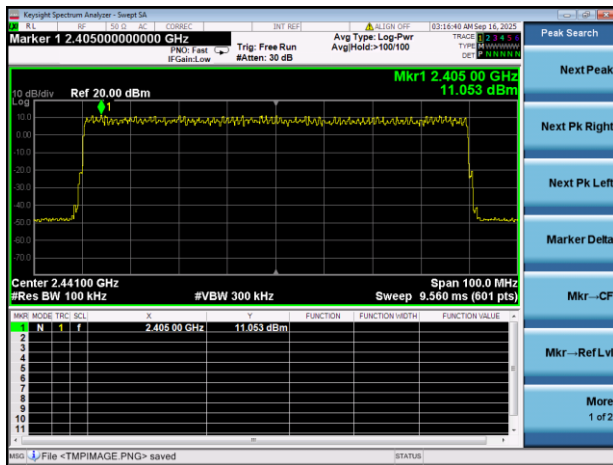
GFSK HOPPING BAND EDGE (LOW)



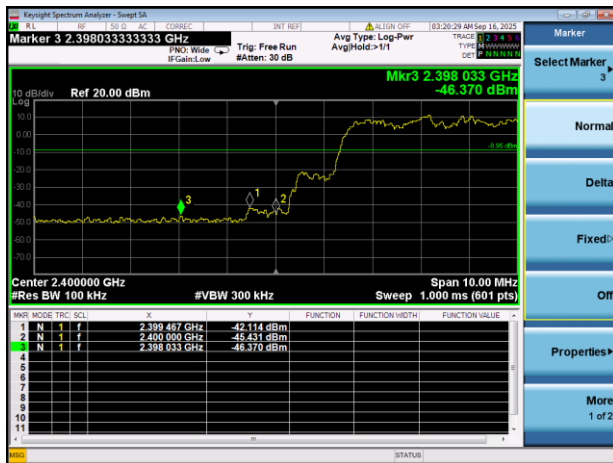
GFSK HOPPING BAND EDGE (HIGH)

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

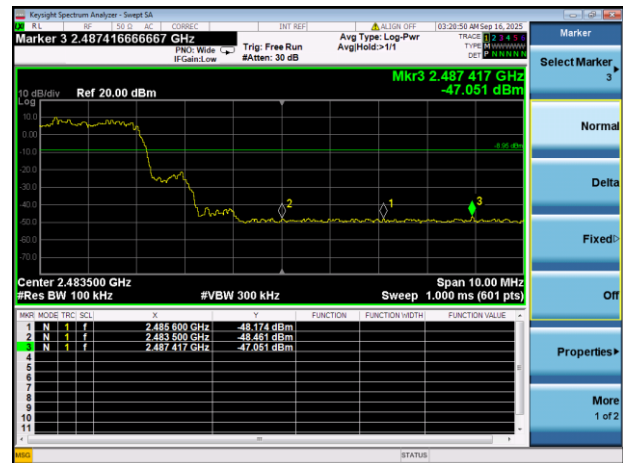
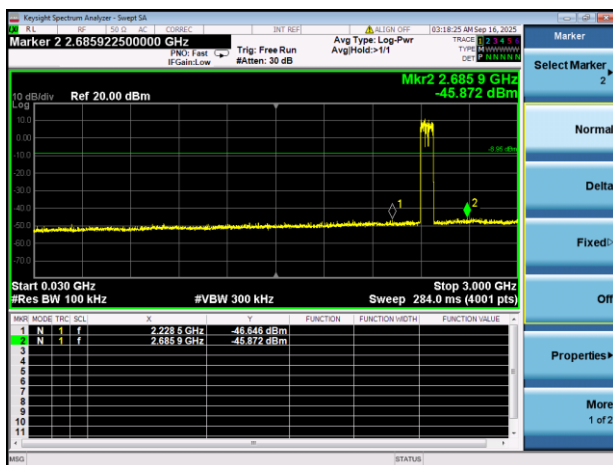
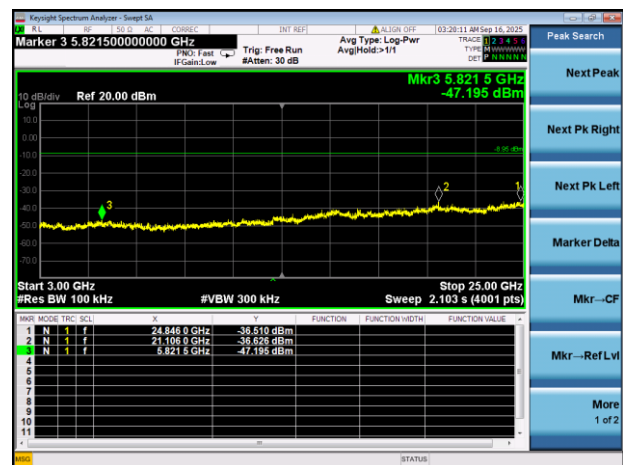
8-DPSK HOPPING, CARRIER LEVEL



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

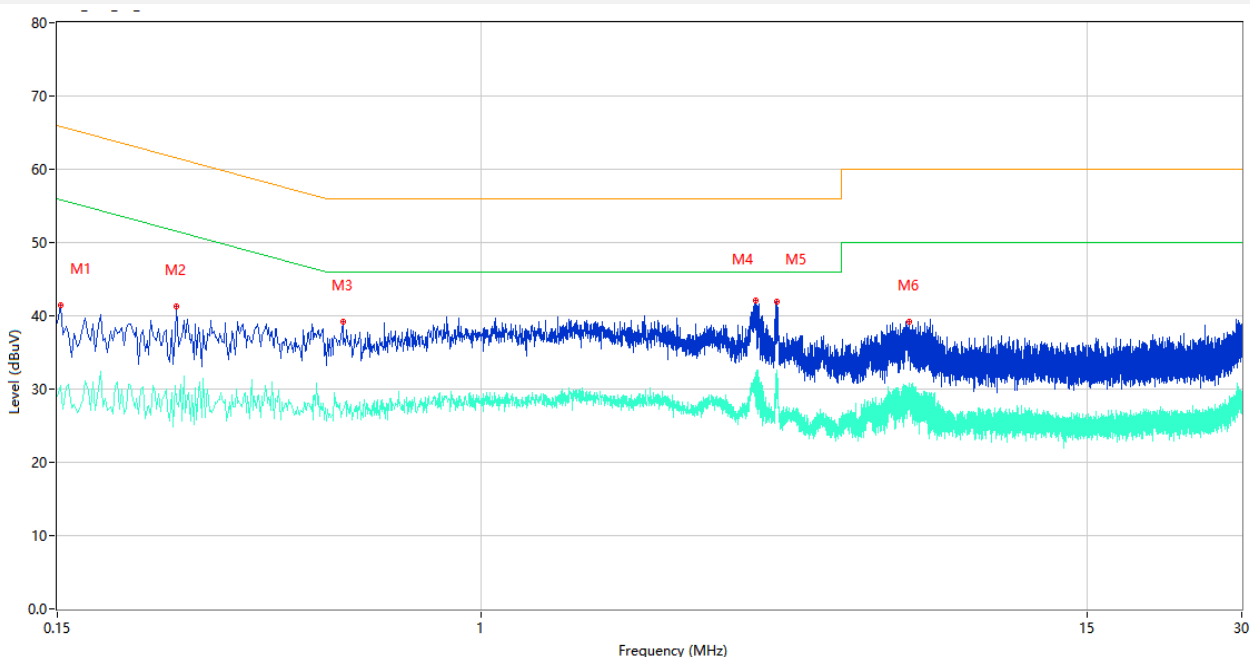
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

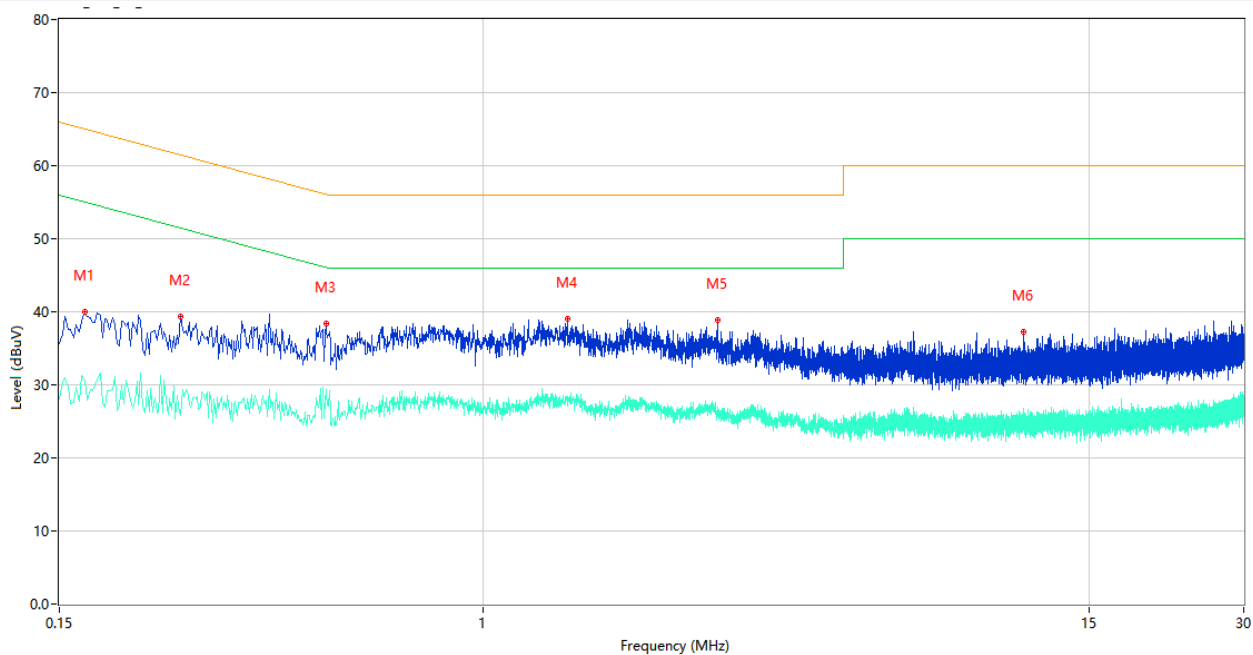
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	41.39	9.86	65.89	24.50	Peak	L	Pass
1**	0.152	30.46	9.86	55.89	25.43	AV	L	Pass
2	0.256	41.33	9.83	61.56	20.23	Peak	L	Pass
2**	0.256	28.46	9.83	51.56	23.10	AV	L	Pass
3	0.538	39.11	10.08	56.00	16.89	Peak	L	Pass
3**	0.538	27.02	10.08	46.00	18.98	AV	L	Pass
4	3.418	42.14	10.31	56.00	13.86	Peak	L	Pass
4**	3.418	31.52	10.31	46.00	14.48	AV	L	Pass
5	3.756	41.91	10.48	56.00	14.09	Peak	L	Pass
5**	3.756	31.93	10.48	46.00	14.07	AV	L	Pass
6	6.762	39.13	10.14	60.00	20.87	Peak	L	Pass
6**	6.762	29.07	10.14	50.00	20.93	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.168	39.92	9.85	65.06	25.14	Peak	N	Pass
1**	0.168	30.69	9.85	55.06	24.37	AV	N	Pass
2	0.258	39.31	9.83	61.50	22.19	Peak	N	Pass
2**	0.258	25.84	9.83	51.50	25.66	AV	N	Pass
3	0.494	38.38	10.05	56.10	17.72	Peak	N	Pass
3**	0.494	29.41	10.05	46.10	16.69	AV	N	Pass
4	1.454	38.95	10.14	56.00	17.05	Peak	N	Pass
4**	1.454	27.84	10.14	46.00	18.16	AV	N	Pass
5	2.856	38.89	9.86	56.00	17.11	Peak	N	Pass
5**	2.856	26.44	9.86	46.00	19.56	AV	N	Pass
6	11.220	37.24	10.78	60.00	22.76	Peak	N	Pass
6**	11.220	25.01	10.78	50.00	24.99	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.

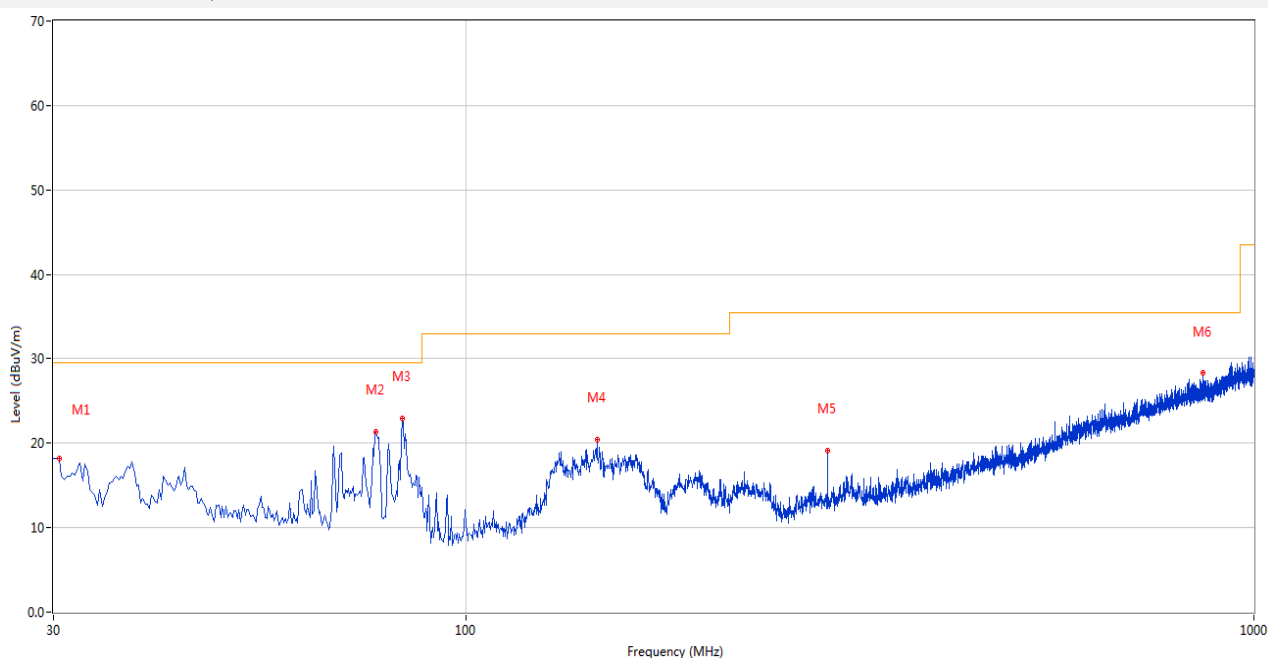
Note ³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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.

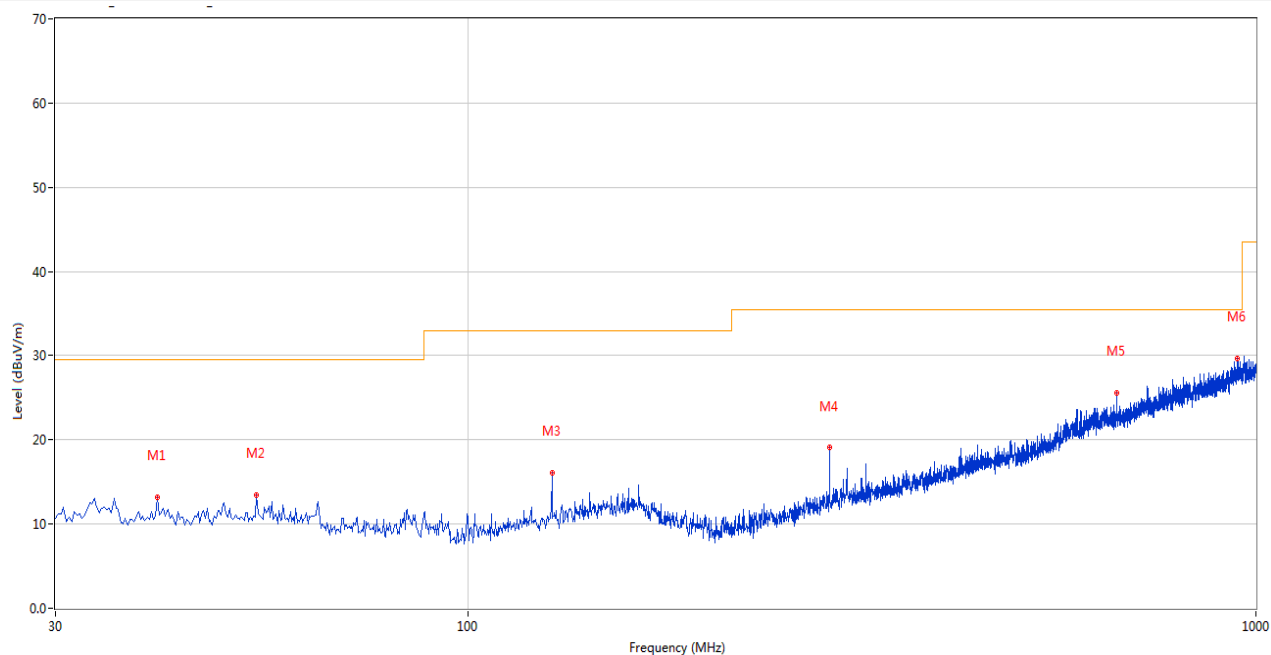
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	18.15	-26.85	29.5	11.35	Peak	238.00	100	Vertical	Pass
2	77.033	21.32	-29.85	29.5	8.18	Peak	242.00	200	Vertical	Pass
3	83.094	22.95	-30.18	29.5	6.55	Peak	193.00	200	Vertical	Pass
4	146.856	20.43	-26.20	33.0	12.57	Peak	281.00	100	Vertical	Pass
5	287.956	19.07	-25.91	35.5	16.43	Peak	96.00	100	Vertical	Pass
6	860.840	28.28	-11.62	35.5	7.22	Peak	90.00	200	Vertical	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.425	13.19	-26.75	29.5	16.31	Peak	360.00	200	Horizontal	Pass
2	54.002	13.44	-27.08	29.5	16.06	Peak	313.00	200	Horizontal	Pass
3	127.946	16.06	-27.47	33.0	16.94	Peak	75.00	100	Horizontal	Pass
4	287.956	19.05	-25.91	35.5	16.45	Peak	156.00	200	Horizontal	Pass
5	666.403	25.54	-15.60	35.5	9.96	Peak	314.00	100	Horizontal	Pass
6	947.633	29.64	-9.70	35.5	5.86	Peak	73.00	200	Horizontal	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	1328.100	43.49	74.0	30.51	Peak	63.00	400	Horizontal	Pass
1**	1328.100	34.30	54.0	19.70	AV	63.00	400	Horizontal	Pass
2	2401.900	108.46	74.0	-34.46	Peak	111.00	200	Horizontal	N/A
2**	2401.900	107.69	54.0	-53.69	AV	111.00	200	Horizontal	N/A
3	4804.250	49.83	74.0	24.17	Peak	257.00	100	Horizontal	Pass
3**	4804.250	47.03	54.0	6.97	AV	257.00	100	Horizontal	Pass
4	7950.250	53.77	74.0	20.23	Peak	194.00	100	Horizontal	Pass
4**	7950.250	44.95	54.0	9.05	AV	194.00	100	Horizontal	Pass
5	12977.849	53.18	74.0	20.82	Peak	198.00	100	Horizontal	Pass
5**	12977.849	44.31	54.0	9.69	AV	198.00	100	Horizontal	Pass
6	17141.364	55.60	74.0	18.40	Peak	116.00	300	Horizontal	Pass
6**	17141.364	45.75	54.0	8.25	AV	116.00	300	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	1163.700	51.89	74.0	22.11	Peak	102.00	100	Vertical	Pass
1**	1163.700	37.71	54.0	16.29	AV	102.00	100	Vertical	Pass
2	2402.200	91.66	74.0	-17.66	Peak	214.00	150	Vertical	N/A
2**	2402.200	91.29	54.0	-37.29	AV	214.00	150	Vertical	N/A
3	4748.250	49.25	74.0	24.75	Peak	312.00	150	Vertical	Pass
3**	4748.250	40.44	54.0	13.56	AV	312.00	150	Vertical	Pass
4	7934.250	54.14	74.0	19.86	Peak	70.00	400	Vertical	Pass
4**	7934.250	45.08	54.0	8.92	AV	70.00	400	Vertical	Pass
5	12961.050	53.23	74.0	20.77	Peak	92.00	400	Vertical	Pass
5**	12961.050	43.65	54.0	10.35	AV	92.00	400	Vertical	Pass
6	16977.824	55.42	74.0	18.58	Peak	252.00	100	Vertical	Pass
6**	16977.824	47.08	54.0	6.92	AV	252.00	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	1330.300	43.58	74.0	30.42	Peak	354.00	200	Horizontal	Pass
1**	1330.300	33.84	54.0	20.16	AV	354.00	200	Horizontal	Pass
2	2440.900	107.83	74.0	-33.83	Peak	109.00	200	Horizontal	N/A
2**	2440.900	107.30	54.0	-53.30	AV	109.00	200	Horizontal	N/A
3	4882.000	50.63	74.0	23.37	Peak	215.00	100	Horizontal	Pass
3**	4882.000	46.56	54.0	7.44	AV	215.00	100	Horizontal	Pass
4	6893.250	53.82	74.0	20.18	Peak	0.00	300	Horizontal	Pass
4**	6893.250	44.47	54.0	9.53	AV	0.00	300	Horizontal	Pass
5	12468.563	53.94	74.0	20.06	Peak	289.00	400	Horizontal	Pass
5**	12468.563	44.26	54.0	9.74	AV	289.00	400	Horizontal	Pass
6	14447.588	55.68	74.0	18.32	Peak	141.00	100	Horizontal	Pass
6**	14447.588	46.80	54.0	7.20	AV	141.00	100	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	1164.000	50.18	74.0	23.82	Peak	110.00	100	Vertical	Pass
1**	1164.000	33.94	54.0	20.06	AV	110.00	100	Vertical	Pass
2	2441.000	93.20	74.0	-19.20	Peak	217.00	150	Vertical	N/A
2**	2441.000	92.57	54.0	-38.57	AV	217.00	150	Vertical	N/A
3	4803.000	49.48	74.0	24.52	Peak	275.00	200	Vertical	Pass
3**	4803.000	39.80	54.0	14.20	AV	275.00	200	Vertical	Pass
4	7957.250	53.72	74.0	20.28	Peak	0.00	100	Vertical	Pass
4**	7957.250	44.27	54.0	9.73	AV	0.00	100	Vertical	Pass
5	12453.125	53.07	74.0	20.93	Peak	311.00	300	Vertical	Pass
5**	12453.125	44.05	54.0	9.95	AV	311.00	300	Vertical	Pass
6	14452.312	55.56	74.0	18.44	Peak	210.00	100	Vertical	Pass
6**	14452.312	45.83	54.0	8.17	AV	210.00	100	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	1484.800	42.53	74.0	31.47	Peak	15.00	100	Horizontal	Pass
1**	1484.800	33.47	54.0	20.53	AV	15.00	100	Horizontal	Pass
2	2479.900	107.29	74.0	-33.29	Peak	108.00	100	Horizontal	N/A
2**	2479.900	107.00	54.0	-53.00	AV	108.00	100	Horizontal	N/A
3	4959.750	50.36	74.0	23.64	Peak	256.00	100	Horizontal	Pass
3**	4959.750	45.46	54.0	8.54	AV	256.00	100	Horizontal	Pass
4	7929.500	54.11	74.0	19.89	Peak	215.00	200	Horizontal	Pass
4**	7929.500	45.02	54.0	8.98	AV	215.00	200	Horizontal	Pass
5	12985.987	53.89	74.0	20.11	Peak	127.00	200	Horizontal	Pass
5**	12985.987	44.73	54.0	9.27	AV	127.00	200	Horizontal	Pass
6	17086.500	55.44	74.0	18.56	Peak	142.00	400	Horizontal	Pass
6**	17086.500	45.57	54.0	8.43	AV	142.00	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	1163.500	49.87	74.0	24.13	Peak	125.00	200	Vertical	Pass
1**	1163.500	41.12	54.0	12.88	AV	125.00	200	Vertical	Pass
2	2480.300	91.83	74.0	-17.83	Peak	62.00	200	Vertical	N/A
2**	2480.300	90.82	54.0	-36.82	AV	62.00	200	Vertical	N/A
3	4815.500	49.13	74.0	24.87	Peak	216.00	100	Vertical	Pass
3**	4815.500	40.14	54.0	13.86	AV	216.00	100	Vertical	Pass
4	7933.750	54.17	74.0	19.83	Peak	0.00	200	Vertical	Pass
4**	7933.750	45.31	54.0	8.69	AV	0.00	200	Vertical	Pass
5	12779.400	53.28	74.0	20.72	Peak	119.00	300	Vertical	Pass
5**	12779.400	43.60	54.0	10.40	AV	119.00	300	Vertical	Pass
6	17101.725	56.48	74.0	17.52	Peak	141.00	300	Vertical	Pass
6**	17101.725	47.03	54.0	6.97	AV	141.00	300	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	1327.800	44.17	74.0	29.83	Peak	81.00	100	Horizontal	Pass
1**	1327.800	34.41	54.0	19.59	AV	81.00	100	Horizontal	Pass
2	2402.000	107.18	74.0	-33.18	Peak	108.00	200	Horizontal	N/A
2**	2402.000	105.16	54.0	-51.16	AV	108.00	200	Horizontal	N/A
3	4804.000	48.87	74.0	25.13	Peak	236.00	100	Horizontal	Pass
3**	4804.000	43.93	54.0	10.07	AV	236.00	100	Horizontal	Pass
4	7879.750	54.69	74.0	19.31	Peak	295.00	300	Horizontal	Pass
4**	7879.750	44.21	54.0	9.79	AV	295.00	300	Horizontal	Pass
5	12473.075	53.92	74.0	20.08	Peak	345.00	200	Horizontal	Pass
5**	12473.075	43.86	54.0	10.14	AV	345.00	200	Horizontal	Pass
6	17099.887	55.93	74.0	18.07	Peak	49.00	100	Horizontal	Pass
6**	17099.887	45.92	54.0	8.08	AV	49.00	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	1164.500	50.65	74.0	23.35	Peak	107.00	100	Vertical	Pass
1**	1164.500	34.23	54.0	19.77	AV	107.00	100	Vertical	Pass
2	2402.000	91.06	74.0	-17.06	Peak	52.00	100	Vertical	N/A
2**	2402.000	88.76	54.0	-34.76	AV	52.00	100	Vertical	N/A
3	4906.500	49.73	74.0	24.27	Peak	0.00	150	Vertical	Pass
3**	4906.500	40.30	54.0	13.70	AV	0.00	150	Vertical	Pass
4	7933.500	53.44	74.0	20.56	Peak	0.00	400	Vertical	Pass
4**	7933.500	45.33	54.0	8.67	AV	0.00	400	Vertical	Pass
5	12493.263	53.47	74.0	20.53	Peak	360.00	100	Vertical	Pass
5**	12493.263	44.43	54.0	9.57	AV	360.00	100	Vertical	Pass
6	16997.512	55.32	74.0	18.68	Peak	276.00	300	Vertical	Pass
6**	16997.512	45.71	54.0	8.29	AV	276.00	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	1328.700	43.98	74.0	30.02	Peak	164.00	200	Horizontal	Pass
1**	1328.700	32.84	54.0	21.16	AV	164.00	200	Horizontal	Pass
2	2441.000	106.87	74.0	-32.87	Peak	110.00	150	Horizontal	N/A
2**	2441.000	104.20	54.0	-50.20	AV	110.00	150	Horizontal	N/A
3	4881.750	50.04	74.0	23.96	Peak	214.00	100	Horizontal	Pass
3**	4881.750	42.82	54.0	11.18	AV	214.00	100	Horizontal	Pass
4	6907.000	53.89	74.0	20.11	Peak	234.00	100	Horizontal	Pass
4**	6907.000	45.42	54.0	8.58	AV	234.00	100	Horizontal	Pass
5	12995.700	53.66	74.0	20.34	Peak	18.00	300	Horizontal	Pass
5**	12995.700	45.99	54.0	8.01	AV	18.00	300	Horizontal	Pass
6	17107.238	55.15	74.0	18.85	Peak	64.00	300	Horizontal	Pass
6**	17107.238	46.74	54.0	7.26	AV	64.00	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	1164.400	49.02	74.0	24.98	Peak	120.00	200	Vertical	Pass
1**	1164.400	35.70	54.0	18.30	AV	120.00	200	Vertical	Pass
2	2441.100	91.44	74.0	-17.44	Peak	220.00	150	Vertical	N/A
2**	2441.100	88.59	54.0	-34.59	AV	220.00	150	Vertical	N/A
3	4888.000	49.86	74.0	24.14	Peak	57.00	100	Vertical	Pass
3**	4888.000	40.09	54.0	13.91	AV	57.00	100	Vertical	Pass
4	6888.250	53.99	74.0	20.01	Peak	295.00	200	Vertical	Pass
4**	6888.250	45.03	54.0	8.97	AV	295.00	200	Vertical	Pass
5	12514.400	53.53	74.0	20.47	Peak	205.00	300	Vertical	Pass
5**	12514.400	44.79	54.0	9.21	AV	205.00	300	Vertical	Pass
6	14458.087	55.79	74.0	18.21	Peak	1.00	400	Vertical	Pass
6**	14458.087	46.28	54.0	7.72	AV	1.00	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	1332.900	43.04	74.0	30.96	Peak	253.00	100	Horizontal	Pass
1**	1332.900	32.99	54.0	21.01	AV	253.00	100	Horizontal	Pass
2	2480.000	106.78	74.0	-32.78	Peak	108.00	100	Horizontal	N/A
2**	2480.000	104.43	54.0	-50.43	AV	108.00	100	Horizontal	N/A
3	4960.250	49.56	74.0	24.44	Peak	254.00	100	Horizontal	Pass
3**	4960.250	43.55	54.0	10.45	AV	254.00	100	Horizontal	Pass
4	7937.500	53.61	74.0	20.39	Peak	346.00	100	Horizontal	Pass
4**	7937.500	44.40	54.0	9.60	AV	346.00	100	Horizontal	Pass
5	12954.750	53.63	74.0	20.37	Peak	307.00	300	Horizontal	Pass
5**	12954.750	43.54	54.0	10.46	AV	307.00	300	Horizontal	Pass
6	16859.176	55.48	74.0	18.52	Peak	346.00	200	Horizontal	Pass
6**	16859.176	45.99	54.0	8.01	AV	346.00	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	1161.100	48.58	74.0	25.42	Peak	117.00	400	Vertical	Pass
1**	1161.100	35.10	54.0	18.90	AV	117.00	400	Vertical	Pass
2	2480.000	91.37	74.0	-17.37	Peak	52.00	100	Vertical	N/A
2**	2480.000	88.53	54.0	-34.53	AV	52.00	100	Vertical	N/A
3	4867.500	49.53	74.0	24.47	Peak	348.00	100	Vertical	Pass
3**	4867.500	40.05	54.0	13.95	AV	348.00	100	Vertical	Pass
4	6911.750	53.57	74.0	20.43	Peak	176.00	100	Vertical	Pass
4**	6911.750	45.30	54.0	8.70	AV	176.00	100	Vertical	Pass
5	11964.112	53.21	74.0	20.79	Peak	80.00	400	Vertical	Pass
5**	11964.112	44.14	54.0	9.86	AV	80.00	400	Vertical	Pass
6	14448.638	55.37	74.0	18.63	Peak	315.00	100	Vertical	Pass
6**	14448.638	46.81	54.0	7.19	AV	315.00	100	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	2348.833	56.19	74.0	17.81	Peak	272.00	100	Horizontal	Pass
1**	2348.833	43.88	54.0	10.12	AV	272.00	100	Horizontal	Pass
2	2389.833	54.32	74.0	19.68	Peak	104.00	100	Horizontal	Pass
2**	2389.833	44.39	54.0	9.61	AV	104.00	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	2483.550	64.92	74.0	9.08	Peak	109.00	100	Horizontal	Pass
1**	2483.550	45.16	54.0	8.84	AV	109.00	100	Horizontal	Pass
2	2483.800	62.70	74.0	11.30	Peak	104.00	150	Horizontal	Pass
2**	2483.800	44.95	54.0	9.05	AV	104.00	150	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	2331.833	55.61	74.0	18.39	Peak	0.00	200	Horizontal	Pass
1**	2331.833	43.71	54.0	10.29	AV	0.00	200	Horizontal	Pass
2	2389.833	54.09	74.0	19.91	Peak	103.00	150	Horizontal	Pass
2**	2389.833	44.26	54.0	9.74	AV	103.00	150	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	60.41	74.0	13.59	Peak	105.00	200	Horizontal	Pass
1**	2483.500	45.04	54.0	8.96	AV	105.00	200	Horizontal	Pass
2	2483.750	60.20	74.0	13.80	Peak	110.00	200	Horizontal	Pass
2**	2483.750	44.97	54.0	9.03	AV	110.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26010219-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26010219-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26010219-AI.PDF”.

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--END OF REPORT--