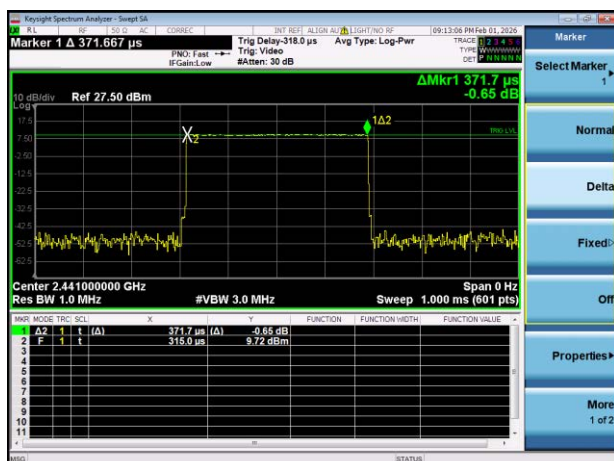
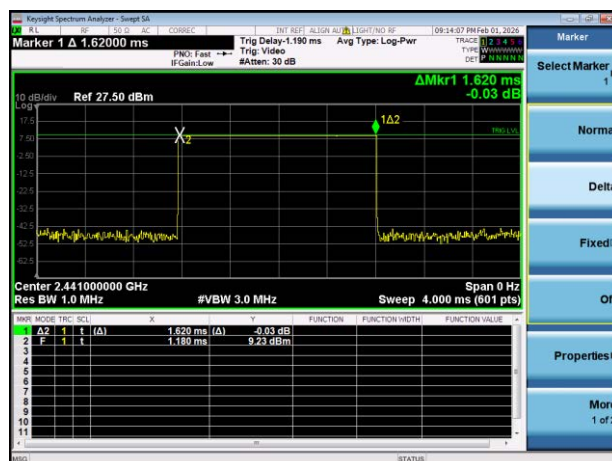


Aux. Antenna

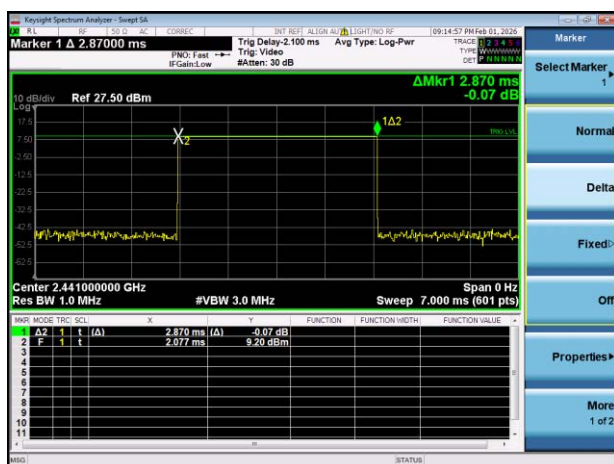
GFSK DH1



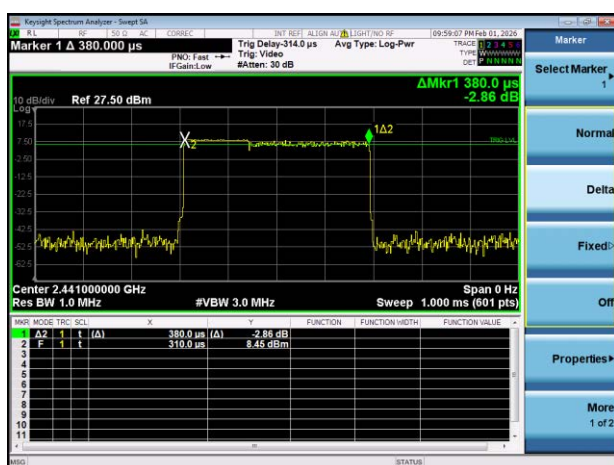
GFSK DH3



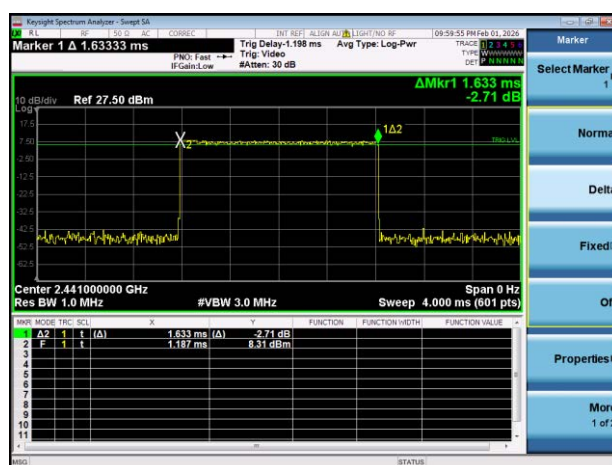
GFSK DH5



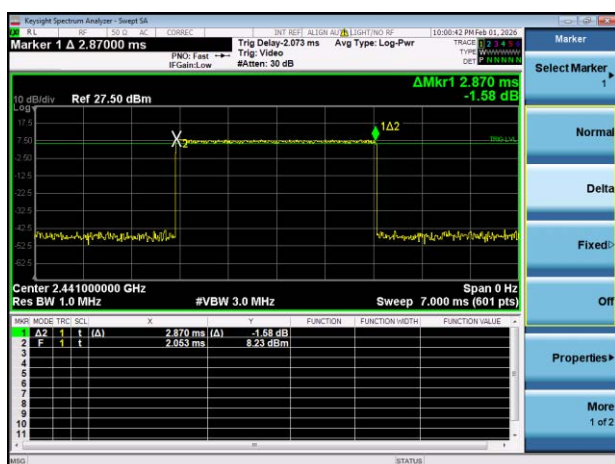
8-DPSK DH1



8-DPSK DH3



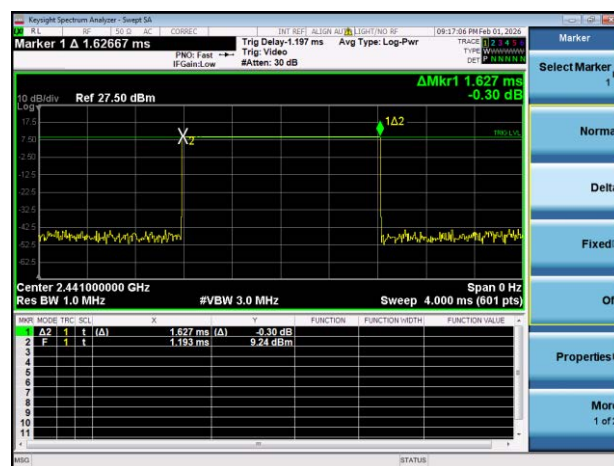
8-DPSK DH5



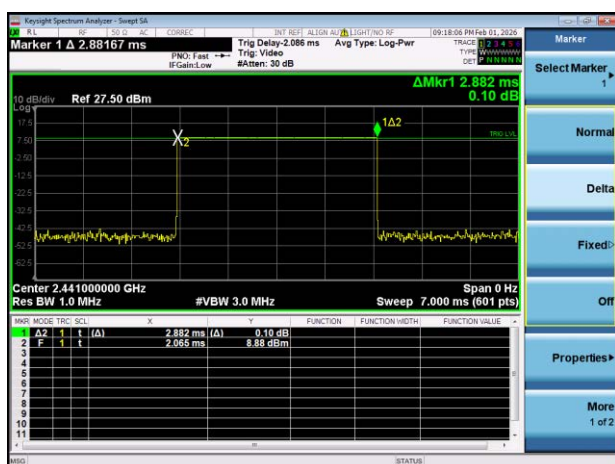
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

Test Data

Main Antenna

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-12.58	14.57	-5.43	Pass
Middle	-13.22	16.19	-3.81	Pass
High	-11.93	15.97	-4.03	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-12.99	14.91	-5.09	Pass
Middle	-13.57	16.12	-3.88	Pass
High	-11.87	15.41	-4.60	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-12.61	16.86	-3.14	Pass
8-DPSK	-13.61	16.29	-3.71	Pass

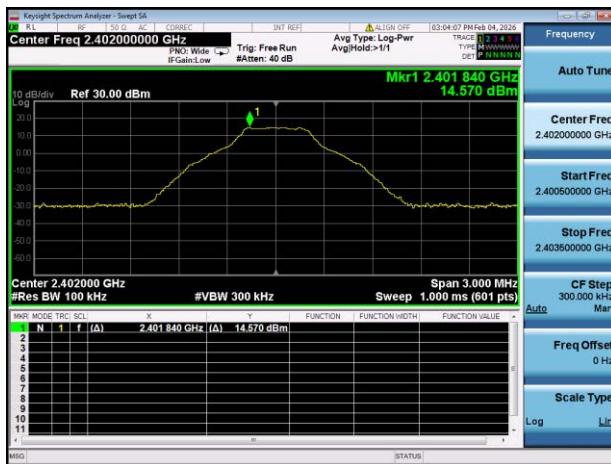
Aux. Antenna

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-25.53	10.51	-9.49	Pass
Middle	-24.94	10.02	-9.98	Pass
High	-25.03	12.12	-7.88	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-25.13	9.93	-10.07	Pass
Middle	-25.93	8.58	-11.42	Pass
High	-25.42	11.65	-8.35	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-24.65	17.82	-2.18	Pass
8-DPSK	-22.97	17.75	-2.25	Pass

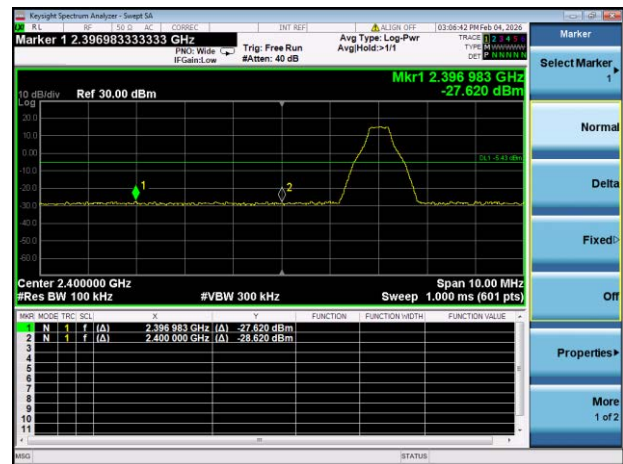
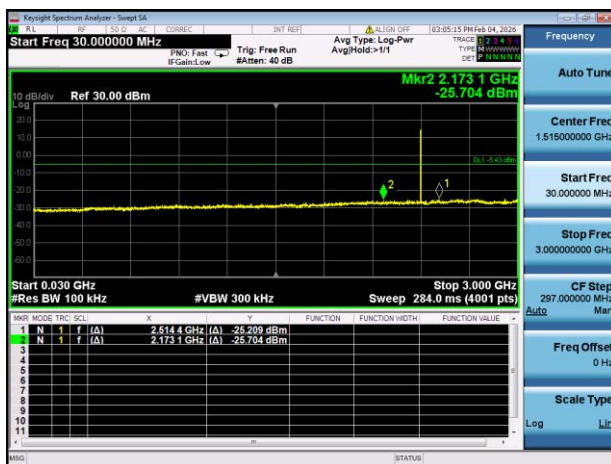
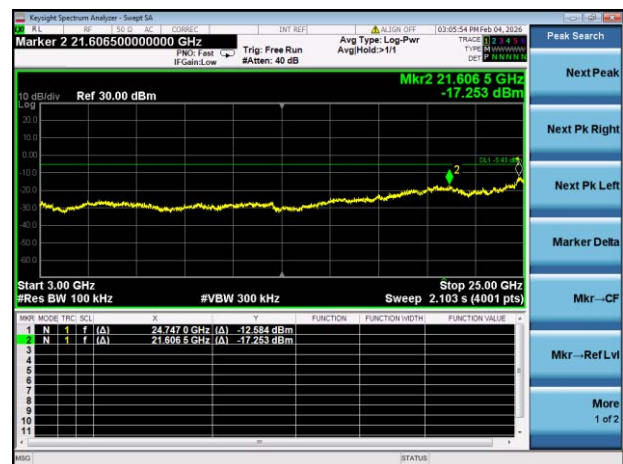
Test Plots

Main Antenna

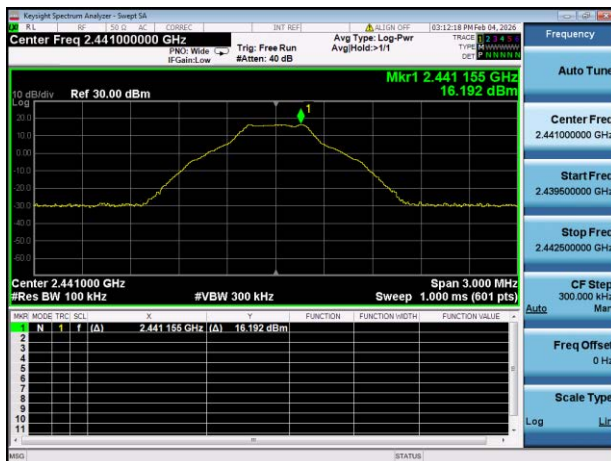
GFSK LOW CHANNEL, CARRIER LEVEL



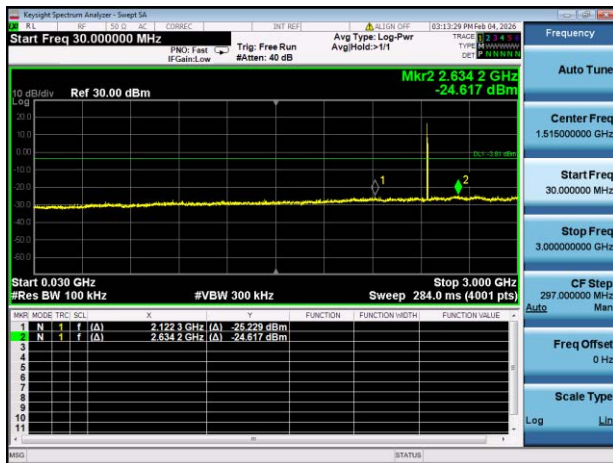
GFSK LOW CHANNEL, BAND EDGE

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

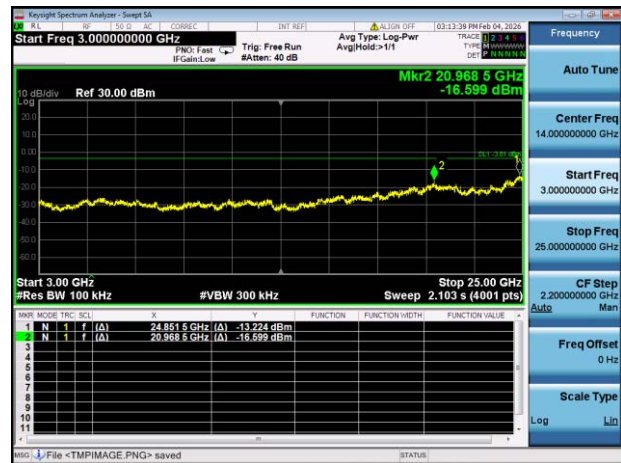
GFSK MIDDLE CHANNEL, CARRIER LEVEL



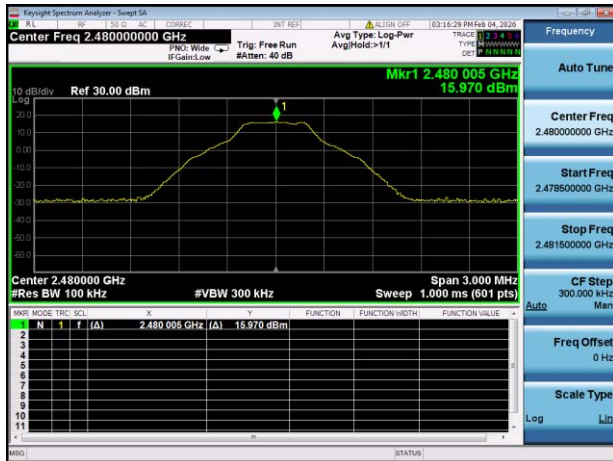
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



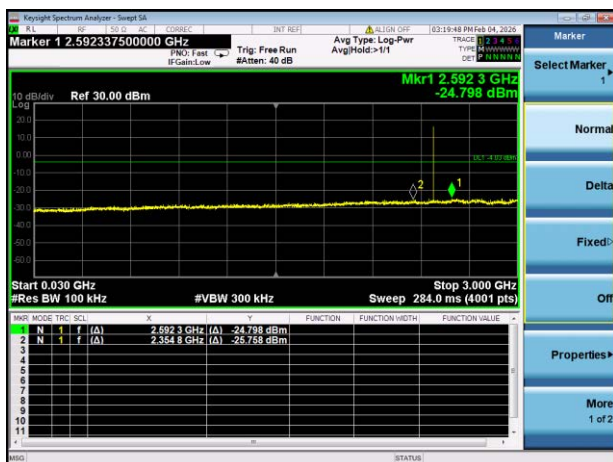
GFSK HIGH CHANNEL, CARRIER LEVEL



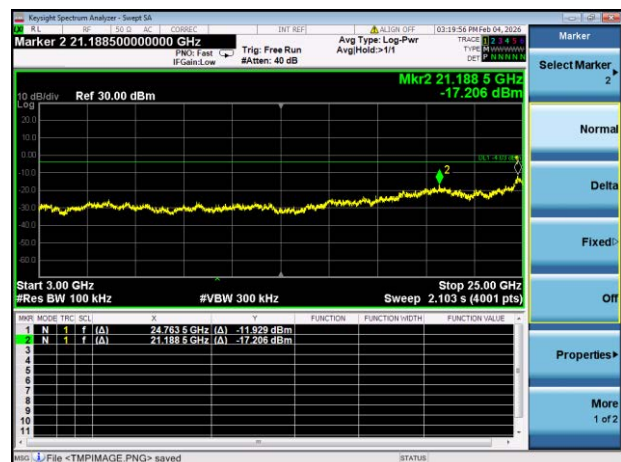
GFSK HIGH CHANNEL, BAND EDGE



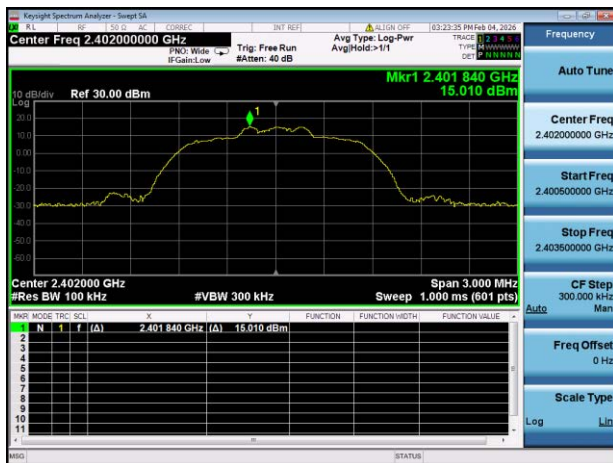
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



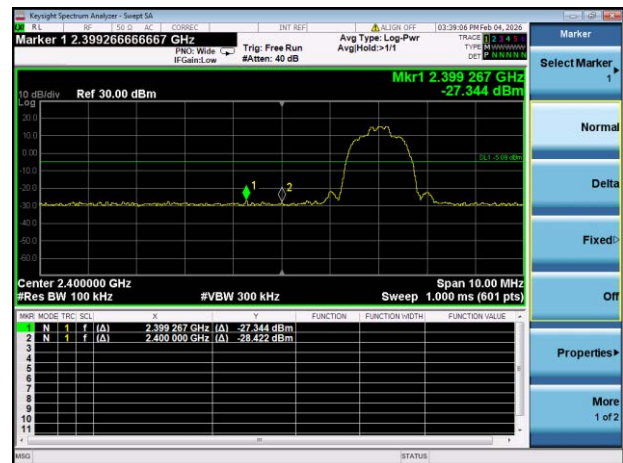
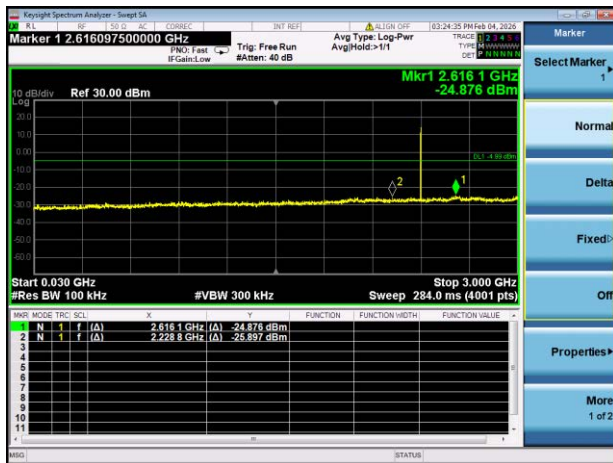
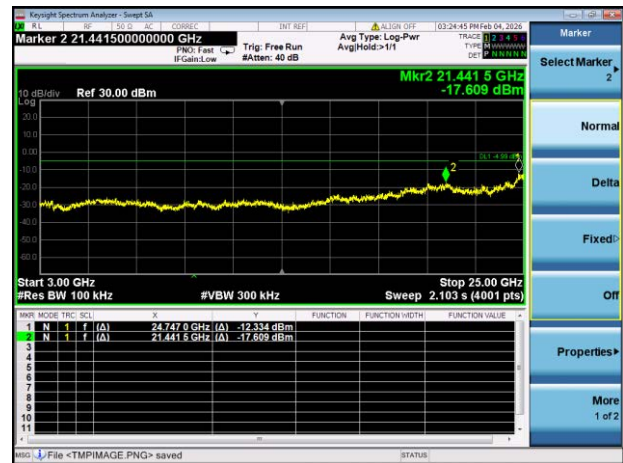
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



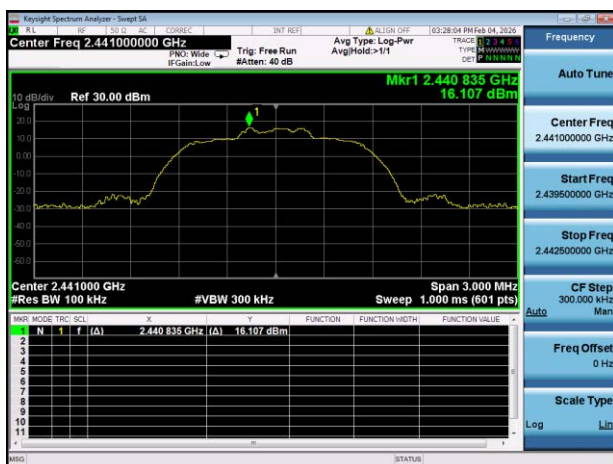
8-DPSK LOW CHANNEL, CARRIER LEVEL



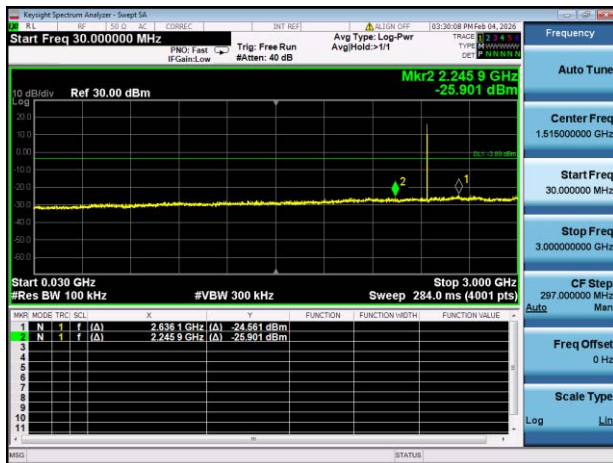
8-DPSK LOW CHANNEL, BAND EDGE

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

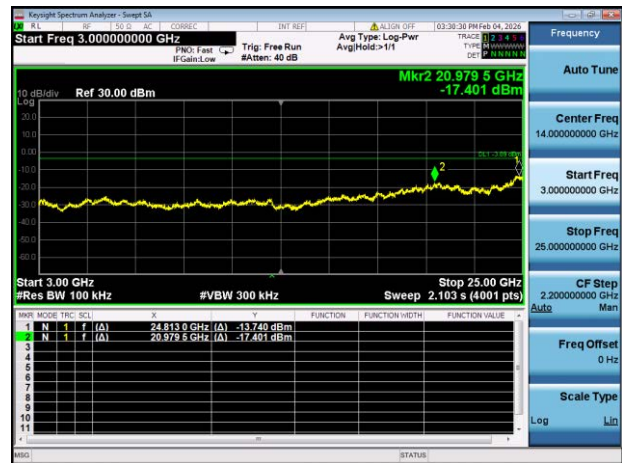
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



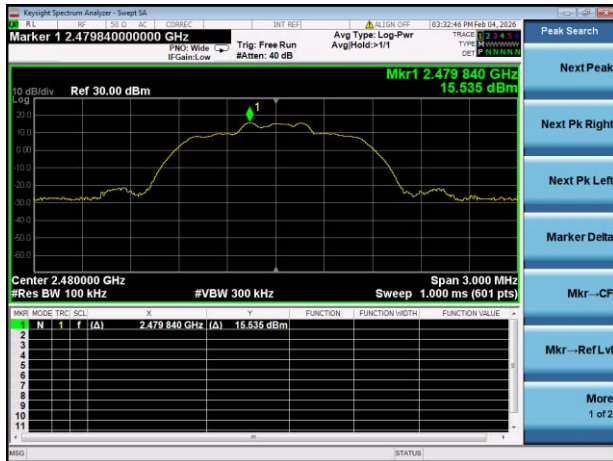
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



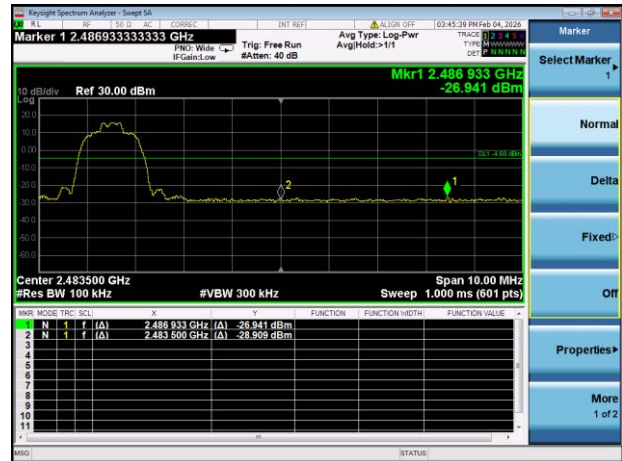
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



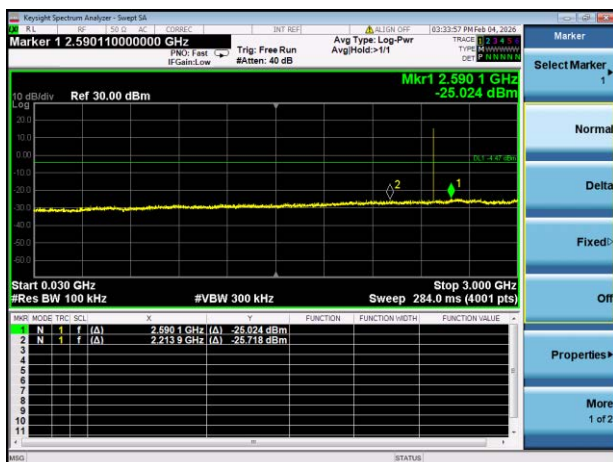
8-DPSK HIGH CHANNEL, CARRIER LEVEL



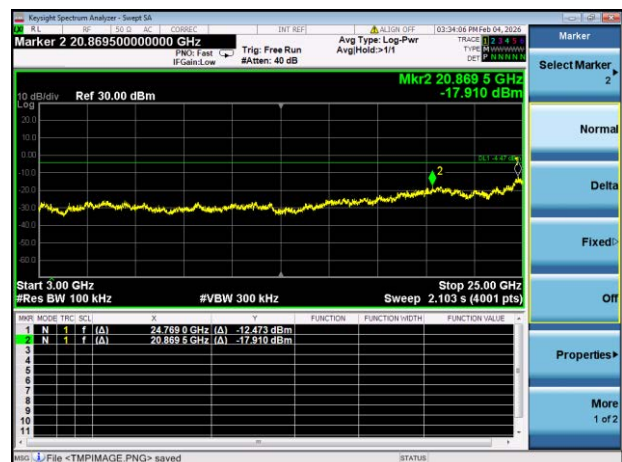
8-DPSK HIGH CHANNEL, BAND EDGE



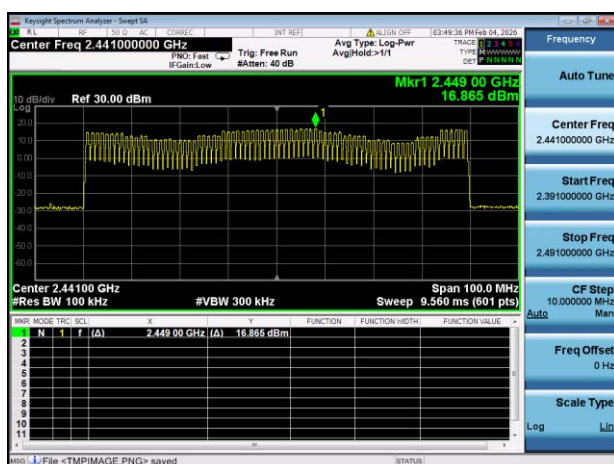
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



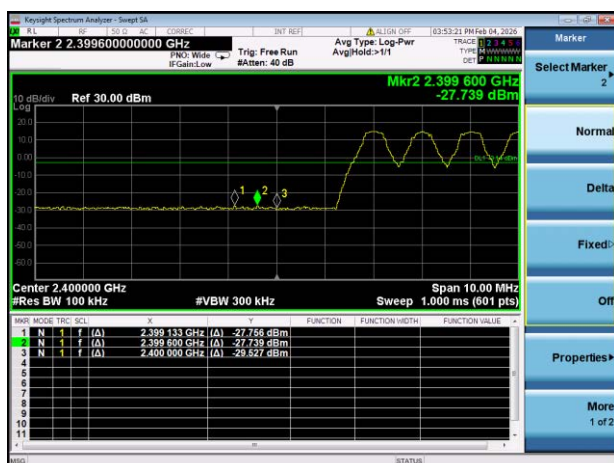
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



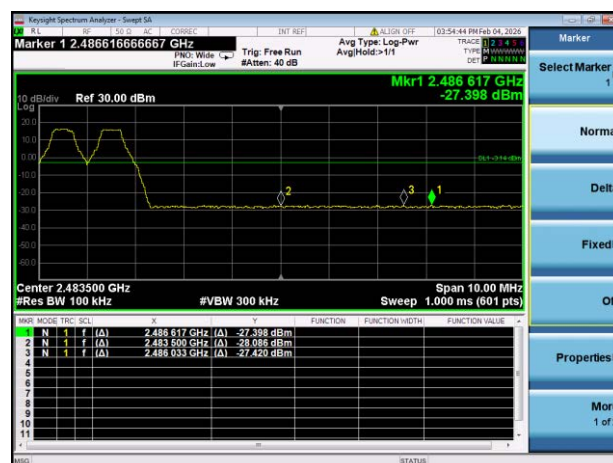
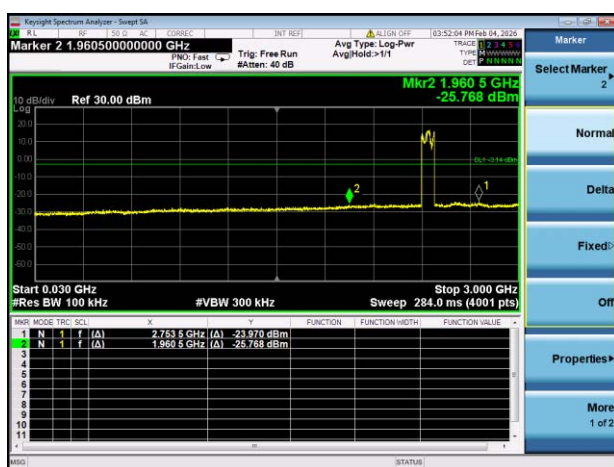
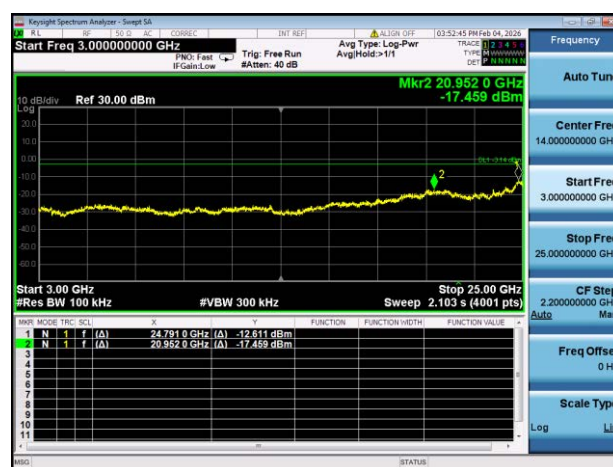
GFSK HOPPING, CARRIER LEVEL



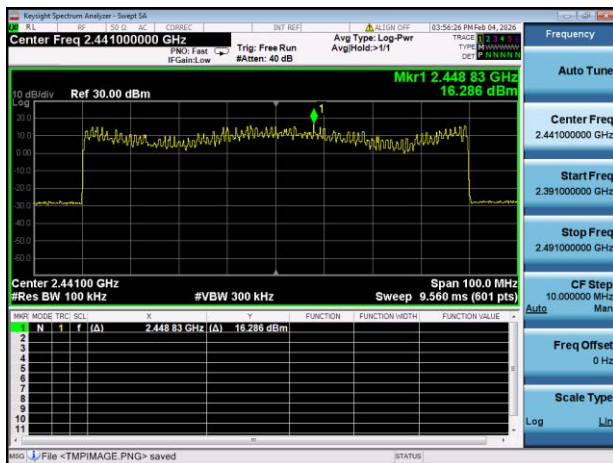
GFSK HOPPING BAND EDGE (LOW)



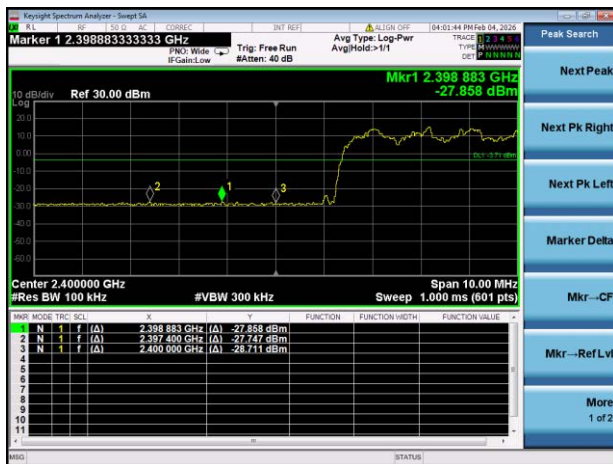
GFSK HOPPING BAND EDGE (HIGH)

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

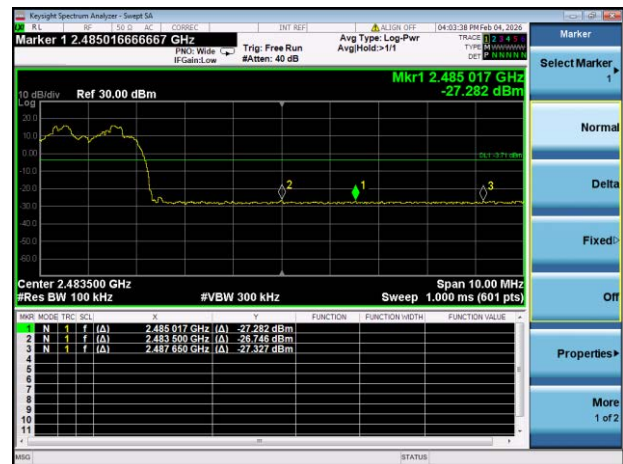
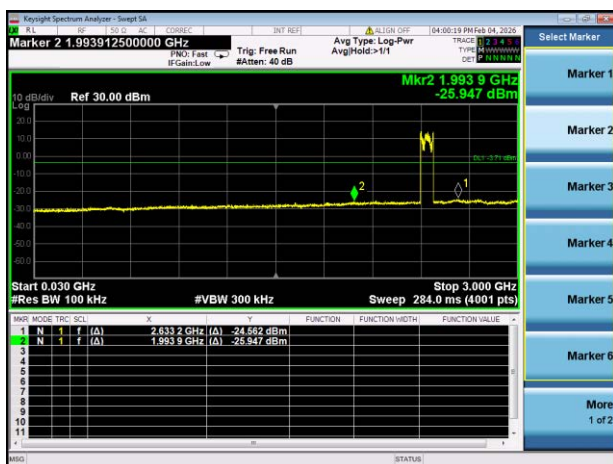
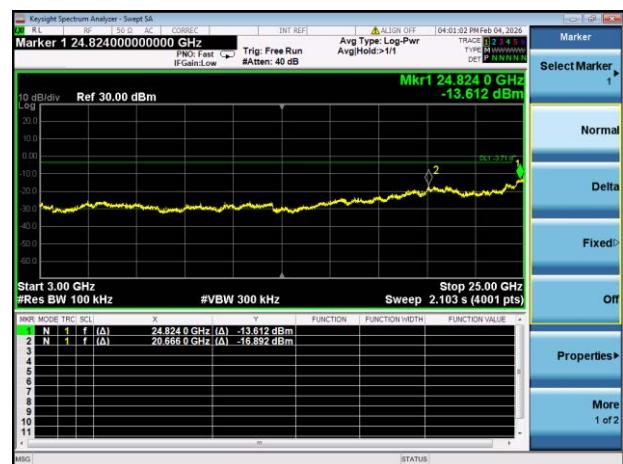
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)

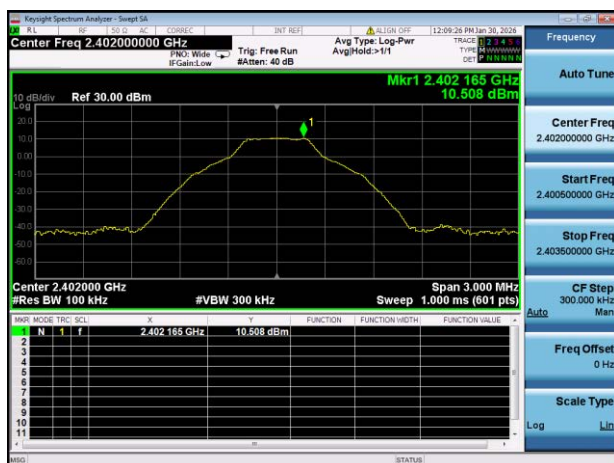


8-DPSK Hopping BAND EDGE (HIGH)

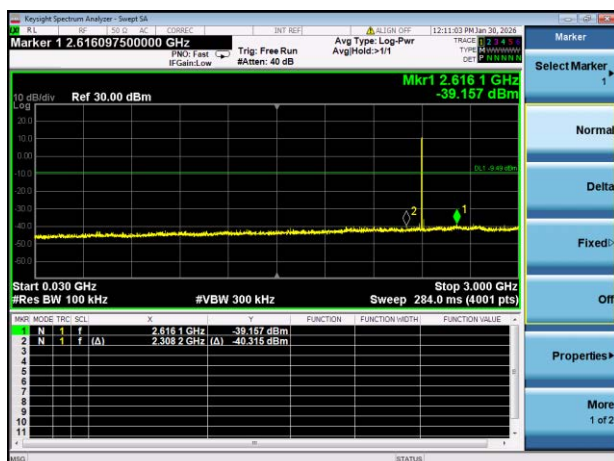
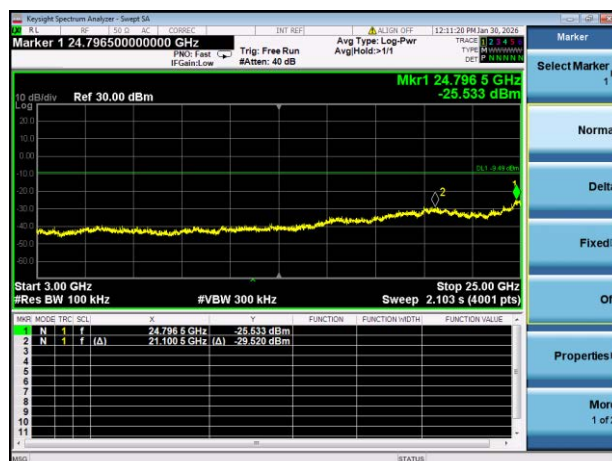
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

Aux. Antenna

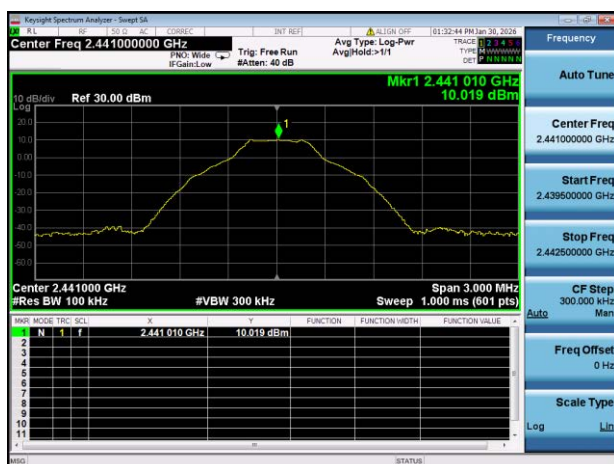
GFSK LOW CHANNEL, CARRIER LEVEL



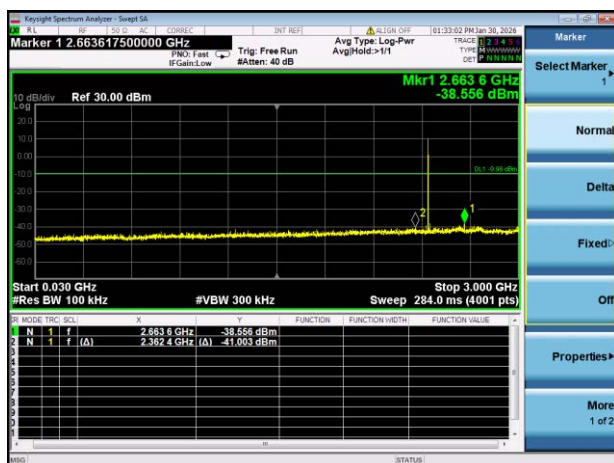
GFSK LOW CHANNEL, BAND EDGE

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

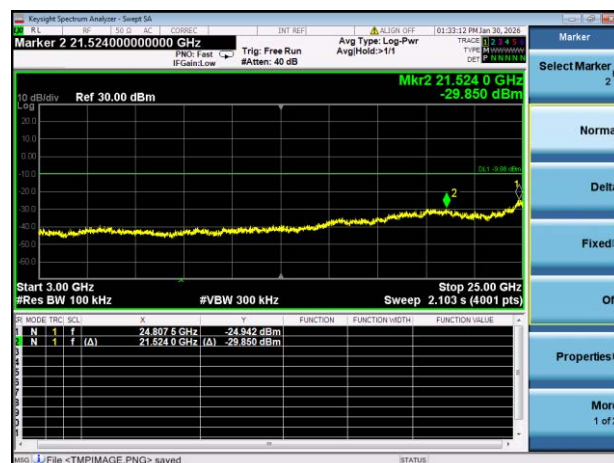
GFSK MIDDLE CHANNEL, CARRIER LEVEL



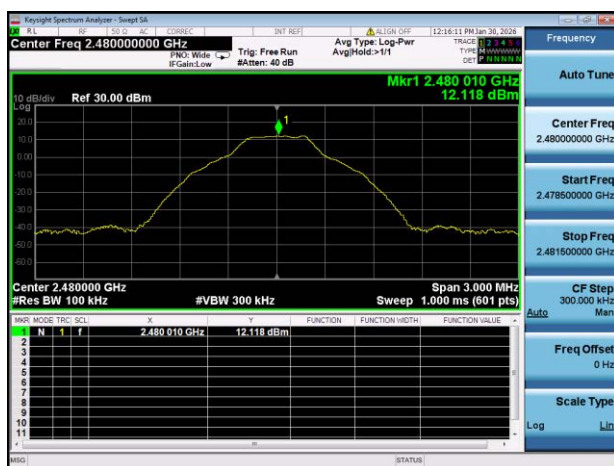
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



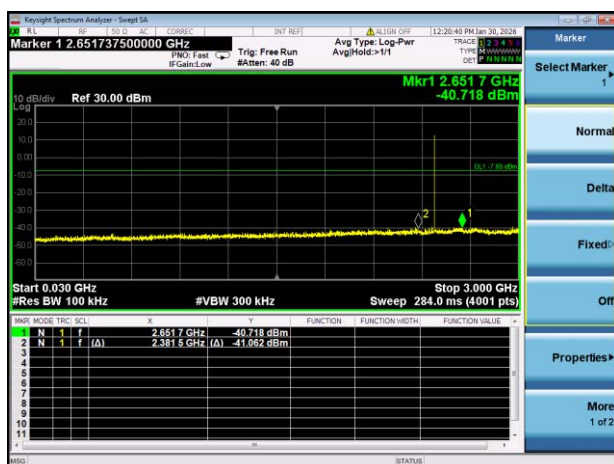
GFSK HIGH CHANNEL, CARRIER LEVEL



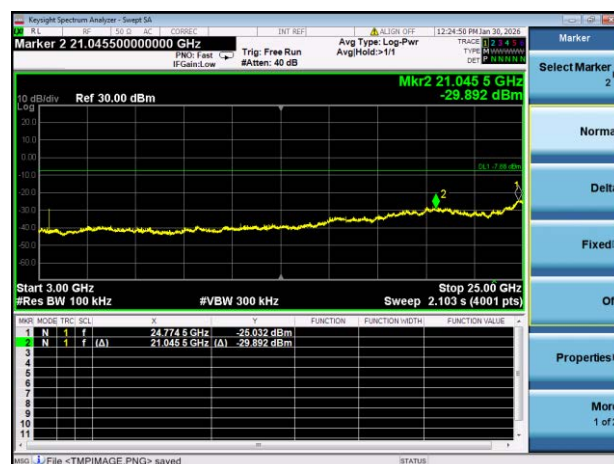
GFSK HIGH CHANNEL, BAND EDGE



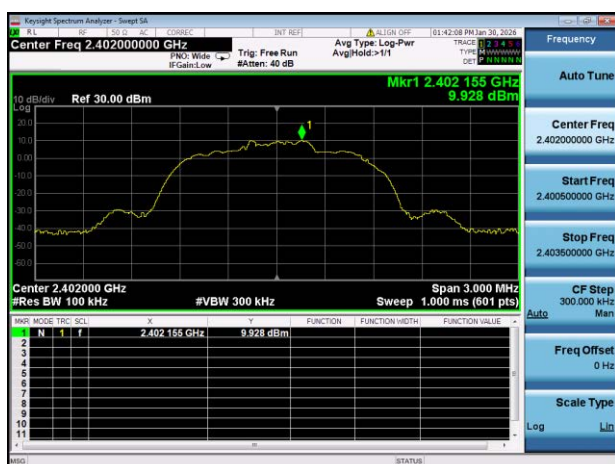
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



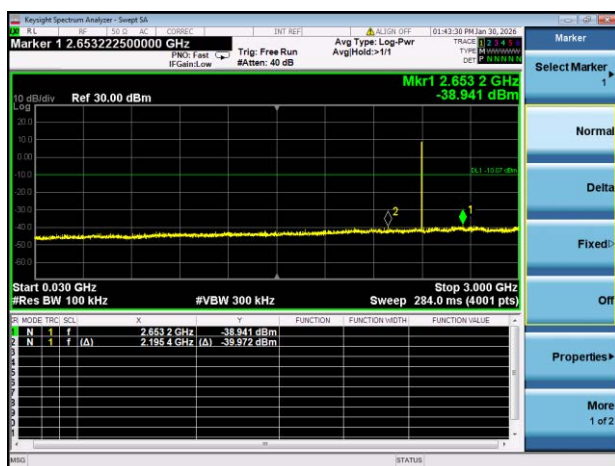
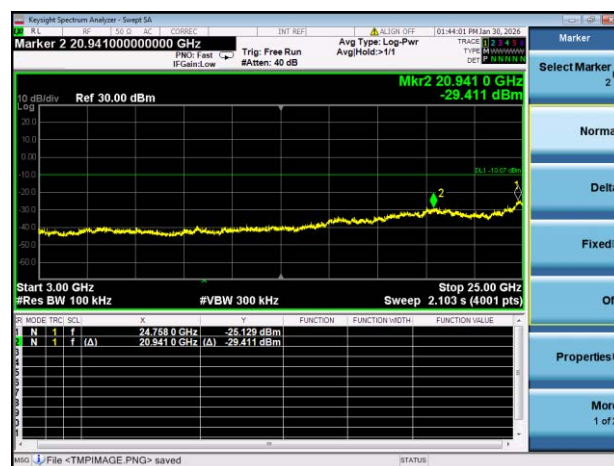
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



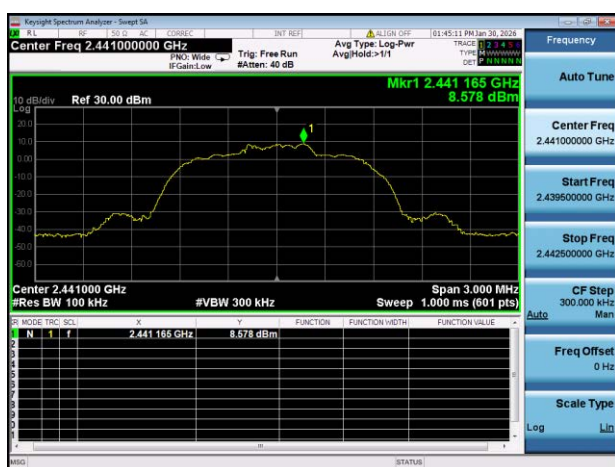
8-DPSK LOW CHANNEL, CARRIER LEVEL



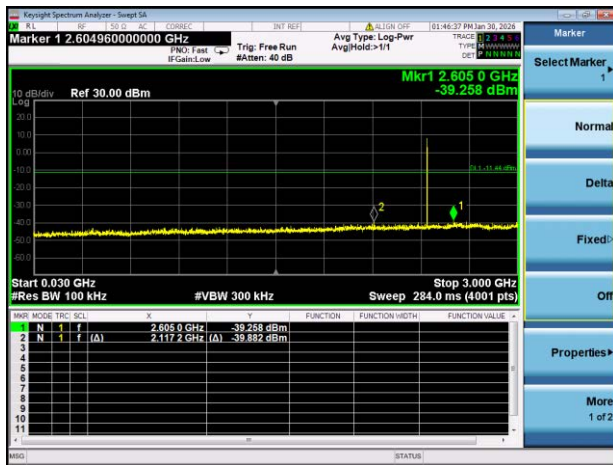
8-DPSK LOW CHANNEL, BAND EDGE

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

8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



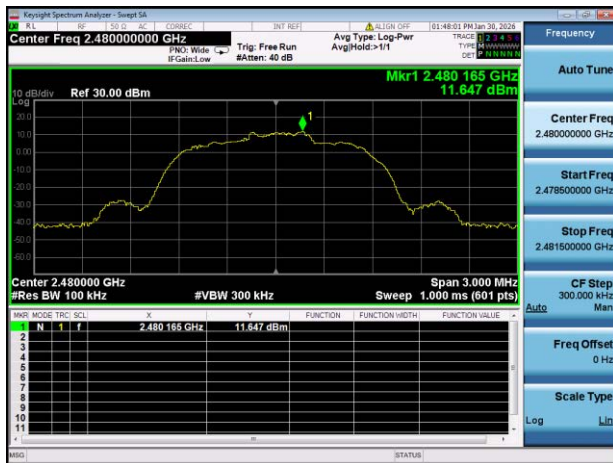
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



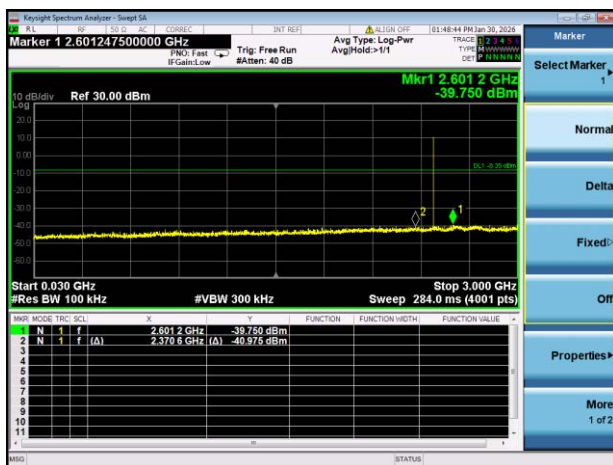
8-DPSK HIGH CHANNEL, CARRIER LEVEL



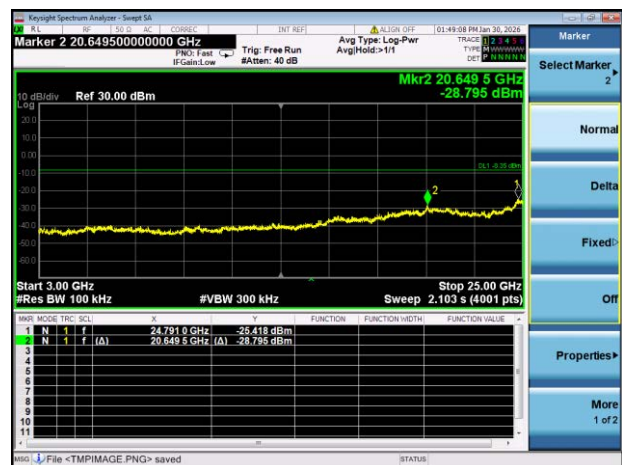
8-DPSK HIGH CHANNEL, BAND EDGE



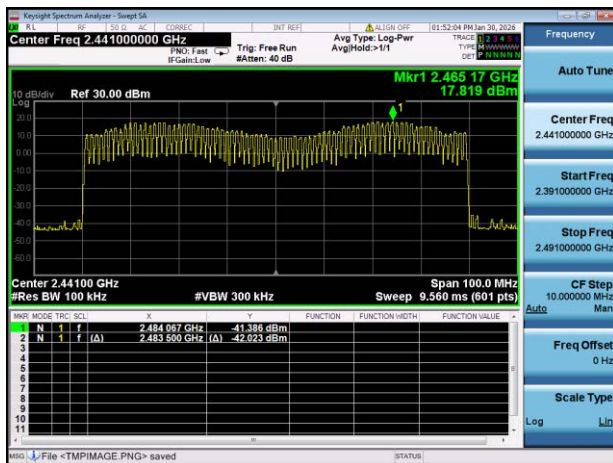
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



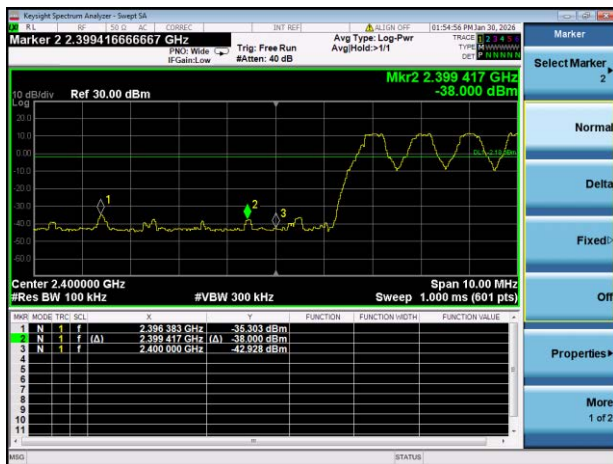
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



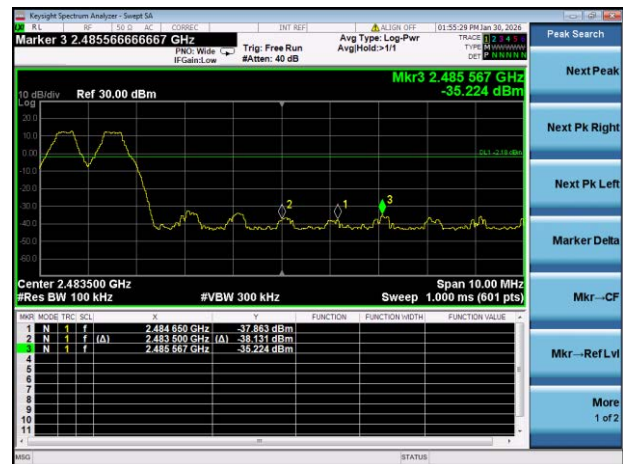
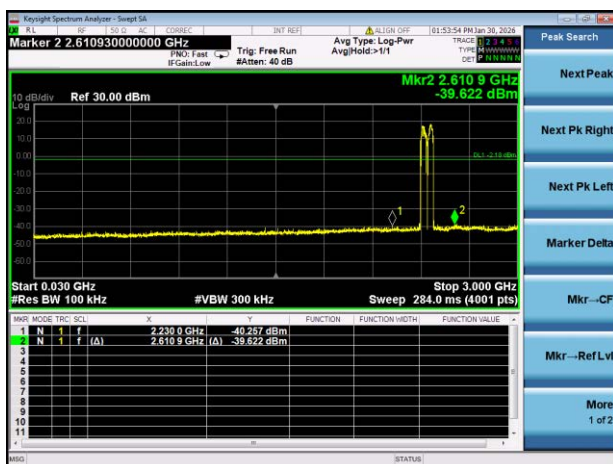
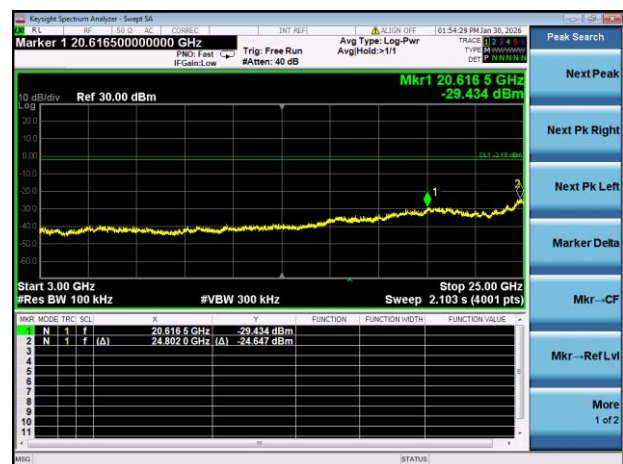
GFSK HOPPING, CARRIER LEVEL



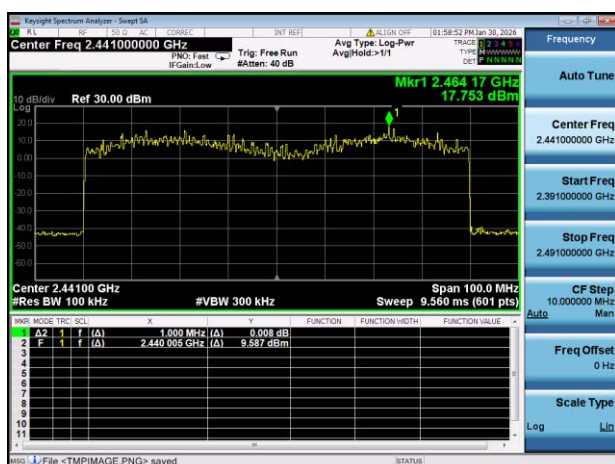
GFSK HOPPING BAND EDGE (LOW)



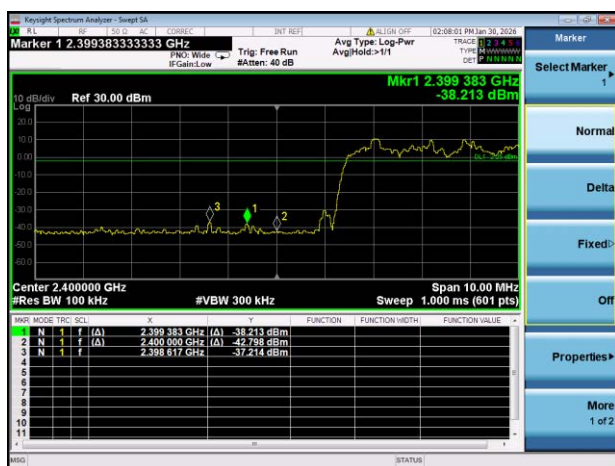
GFSK HOPPING BAND EDGE (HIGH)

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

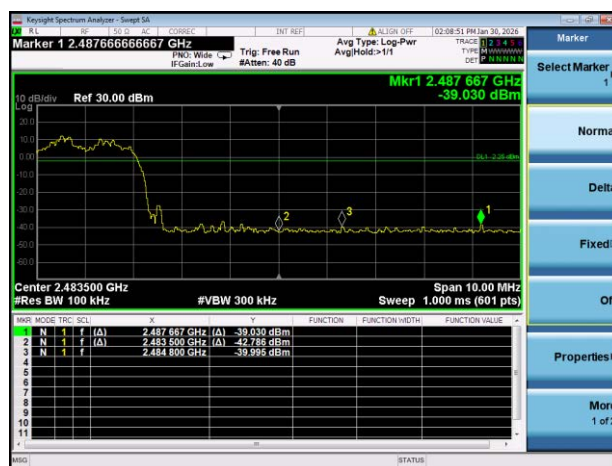
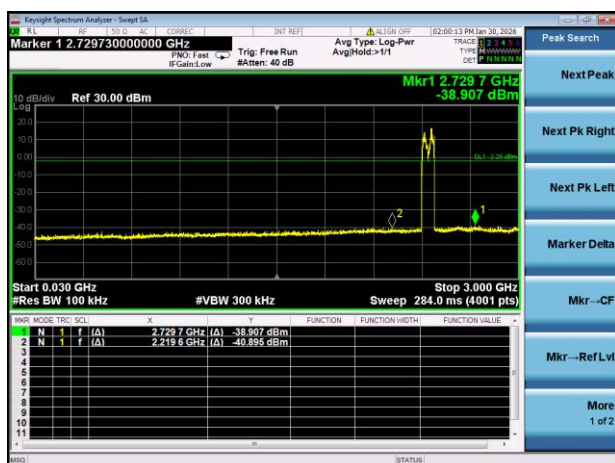
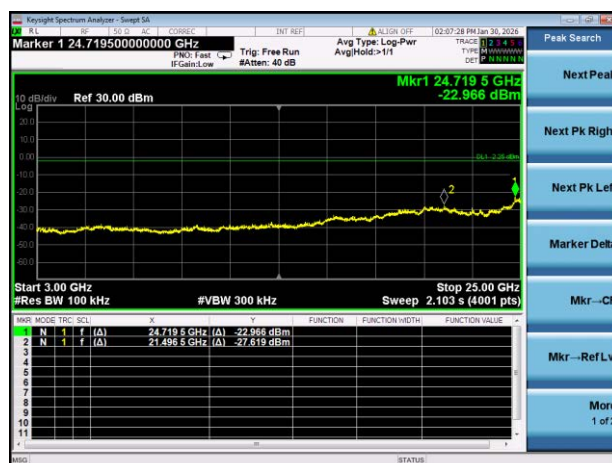
8-DPSK HOPPING, CARRIER LEVEL



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 Emission

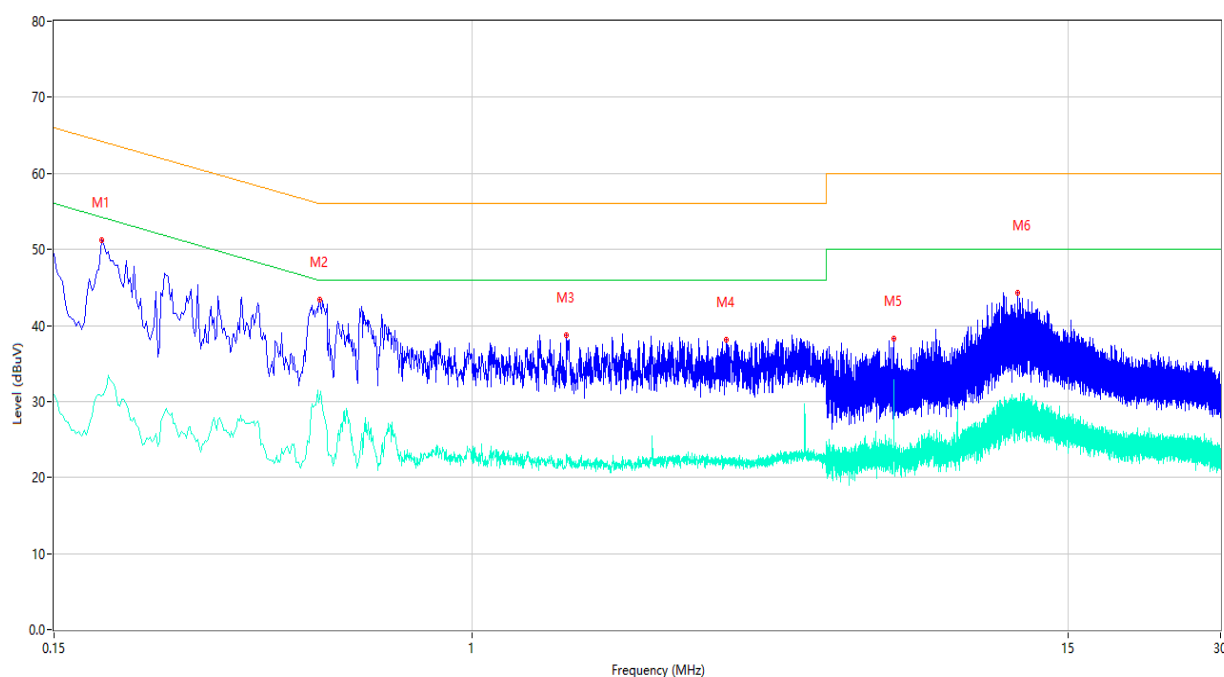
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

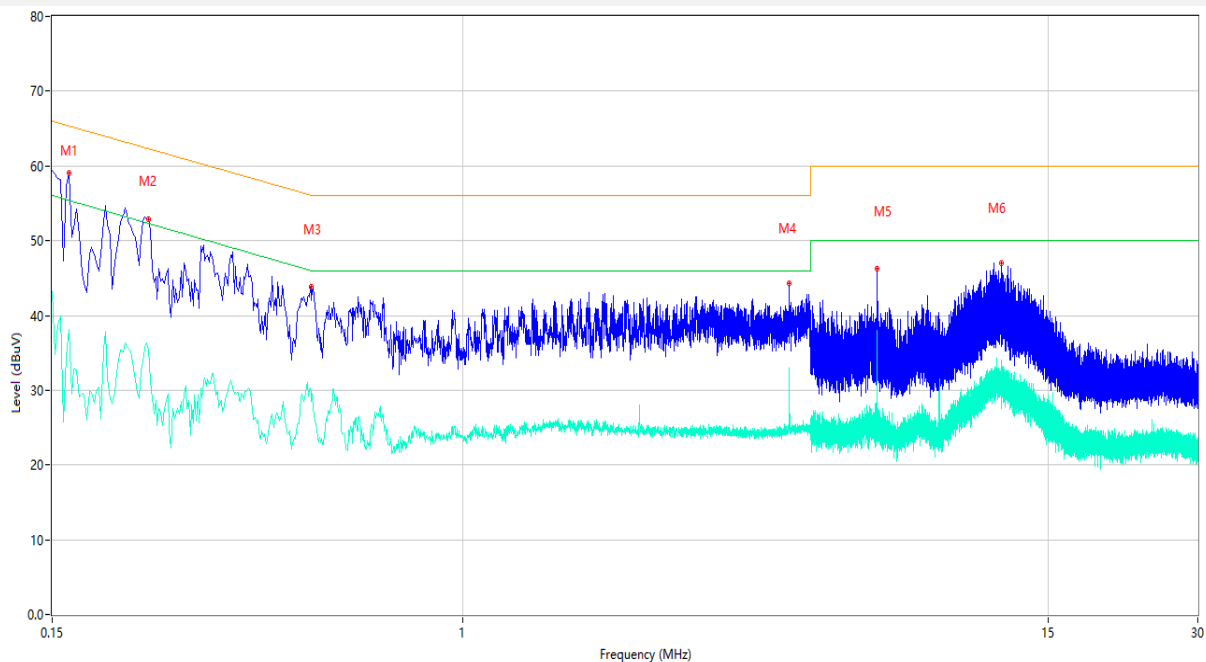
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.186	51.27	10.10	64.21	12.94	Peak	L	Pass
1**	0.186	30.74	10.10	54.21	23.47	AV	L	Pass
2	0.502	43.42	10.15	56.00	12.58	Peak	L	Pass
2**	0.502	30.51	10.15	46.00	15.49	AV	L	Pass
3	1.540	38.72	10.28	56.00	17.28	Peak	L	Pass
3**	1.540	23.06	10.28	46.00	22.94	AV	L	Pass
4	3.180	38.10	10.39	56.00	17.90	Peak	L	Pass
4**	3.180	22.51	10.39	46.00	23.49	AV	L	Pass
5	6.812	38.30	10.69	60.00	21.70	Peak	L	Pass
5**	6.812	32.70	10.69	50.00	17.30	AV	L	Pass
6	11.928	44.27	11.03	60.00	15.73	Peak	L	Pass
6**	11.928	27.56	11.03	50.00	22.44	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	59.02	10.07	65.36	6.34	Peak	N	Pass
1**	0.162	38.05	10.07	55.36	17.31	AV	N	Pass
2	0.234	52.94	10.12	62.31	9.37	Peak	N	Pass
2**	0.234	35.45	10.12	52.31	16.86	AV	N	Pass
3	0.496	43.87	10.15	56.07	12.20	Peak	N	Pass
3**	0.496	29.99	10.15	46.07	16.08	AV	N	Pass
4	4.536	44.25	10.43	56.00	11.75	Peak	N	Pass
4**	4.536	33.03	10.43	46.00	12.97	AV	N	Pass
5	6.804	46.22	10.69	60.00	13.78	Peak	N	Pass
5**	6.804	37.98	10.69	50.00	12.02	AV	N	Pass
6	12.084	47.03	11.04	60.00	12.97	Peak	N	Pass
6**	12.084	31.75	11.04	50.00	18.25	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.

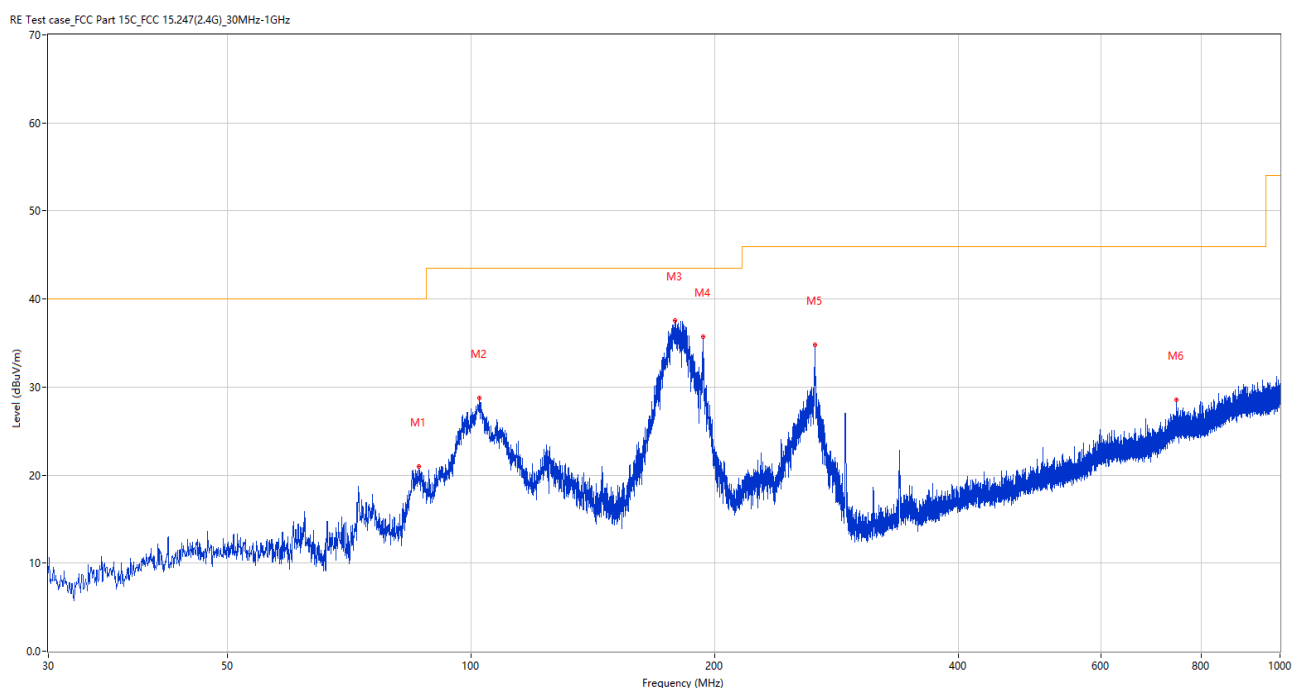
Note 4: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Note 5: 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.

Note 6: All antenna were tested, but only the worst case has been reported in this report.

Test Data and Plots

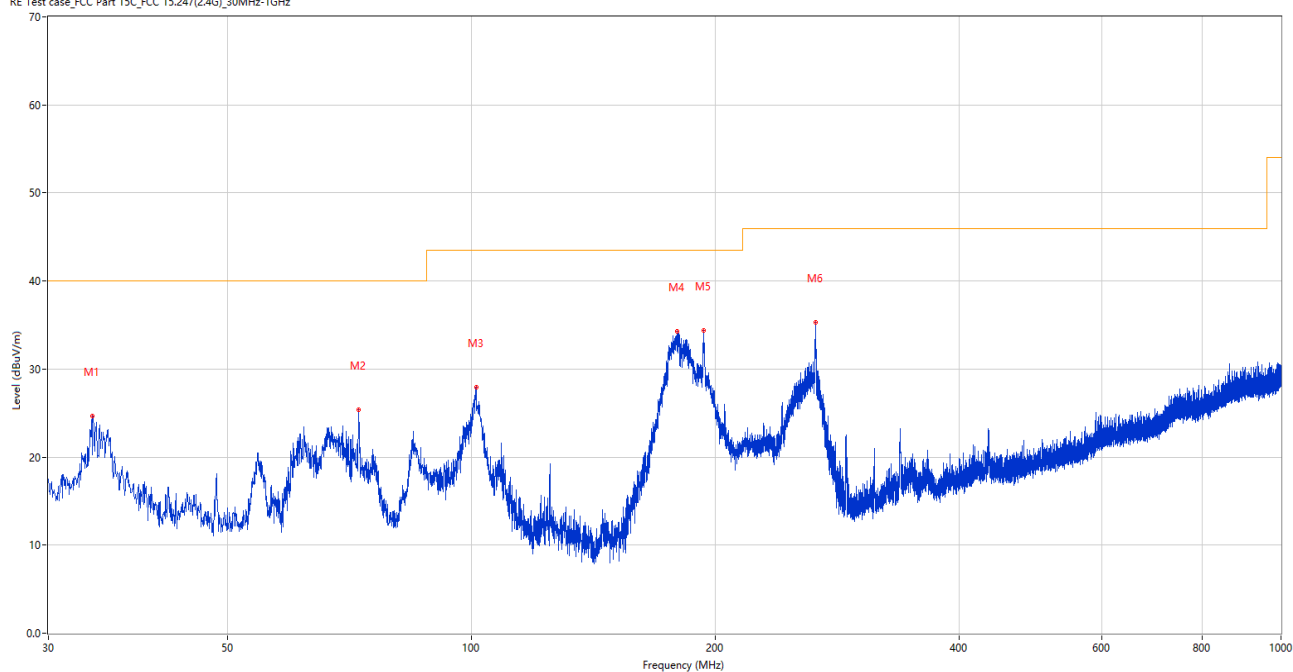
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	86.212	20.95	-29.32	40.0	19.05	Peak	360.00	200	Horizontal	Pass
2	102.410	28.77	-26.09	43.5	14.73	Peak	360.00	200	Horizontal	Pass
3	178.701	37.53	-27.92	43.5	5.97	Peak	288.00	100	Horizontal	Pass
4	193.396	35.75	-25.77	43.5	7.75	Peak	300.00	100	Horizontal	Pass
5	265.953	34.77	-24.13	46.0	11.23	Peak	274.00	200	Horizontal	Pass
6	745.326	28.60	-11.98	46.0	17.40	Peak	208.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



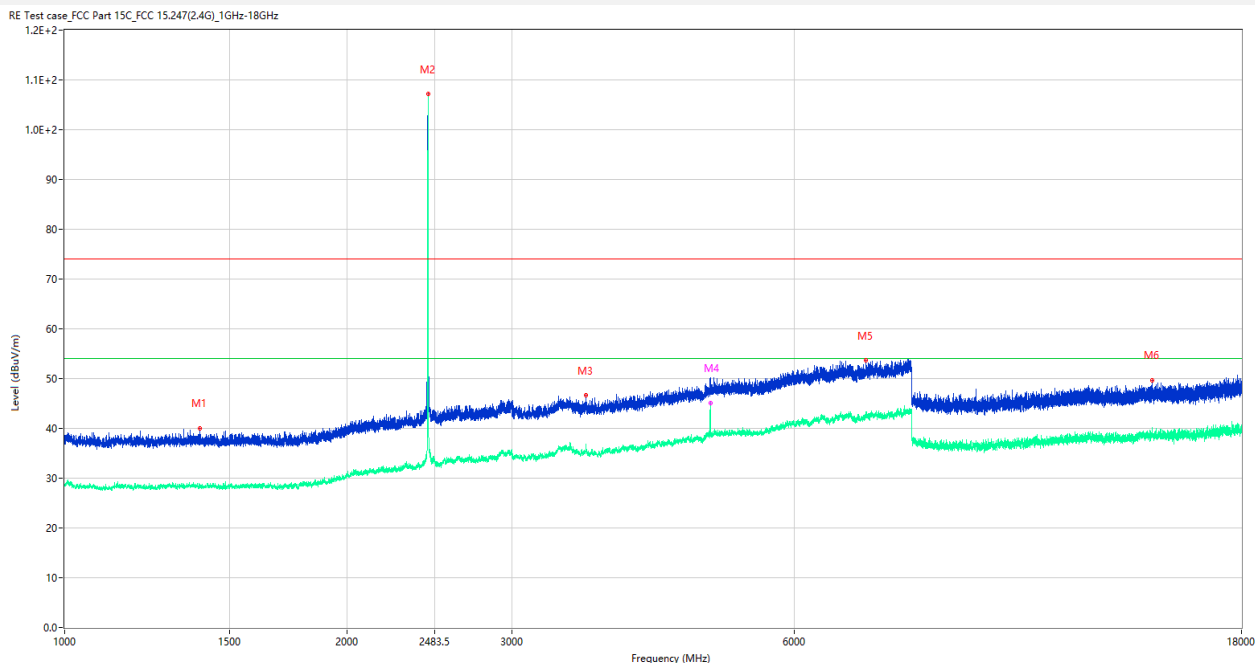
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.026	24.71	-28.11	40.0	15.29	Peak	0.00	100	Vertical	Pass
2	72.535	25.36	-29.83	40.0	14.64	Peak	313.00	100	Vertical	Pass
3	101.295	27.95	-26.10	43.5	15.55	Peak	258.00	100	Vertical	Pass
4	179.477	34.31	-27.85	43.5	9.19	Peak	267.00	200	Vertical	Pass
5	193.736	34.38	-25.72	43.5	9.12	Peak	347.00	200	Vertical	Pass
6	265.856	35.34	-24.13	46.0	10.66	Peak	184.00	100	Vertical	Pass

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

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

Main Antenna

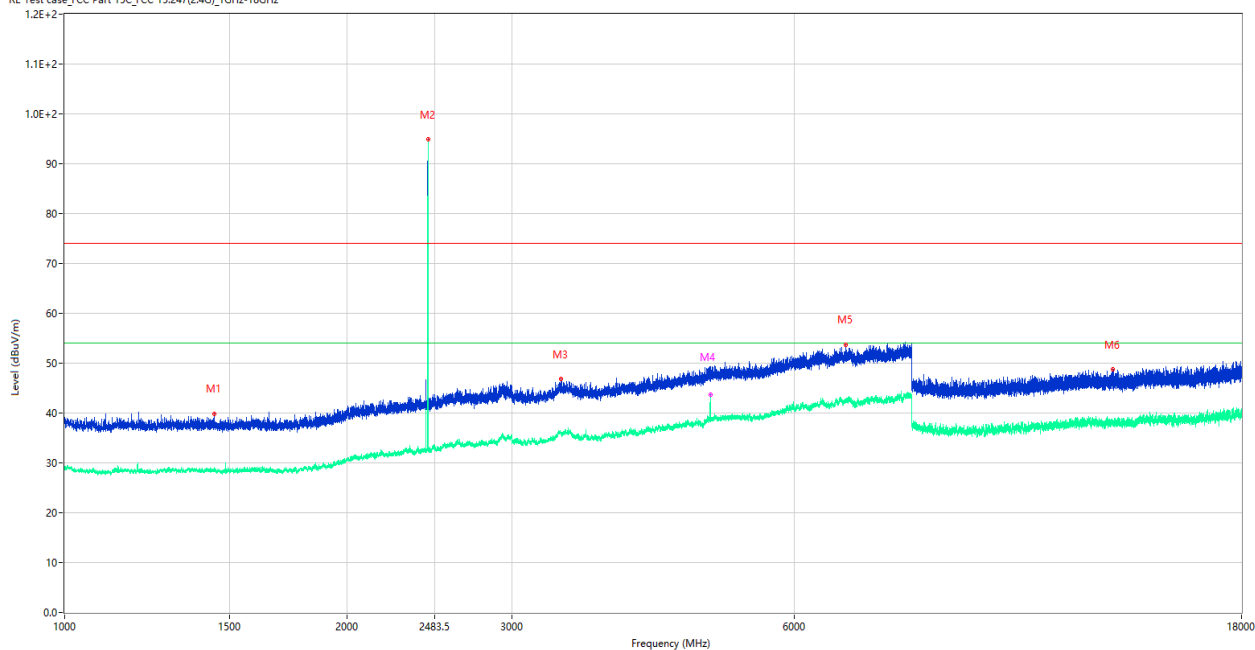
GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1392.250	40.01	-16.00	74.0	33.99	Peak	71.00	150	Horizontal	Pass
1**	1392.250	28.69	-16.00	54.0	25.31	AV	71.00	150	Horizontal	Pass
2	2440.750	107.17	-12.38	74.0	-33.17	Peak	21.00	150	Horizontal	N/A
2**	2440.750	105.80	-12.38	54.0	-51.80	AV	21.00	150	Horizontal	N/A
3	3595.000	46.66	-5.63	74.0	27.34	Peak	0.00	150	Horizontal	Pass
3**	3595.000	35.53	-5.63	54.0	18.47	AV	0.00	150	Horizontal	Pass
4	4882.000	50.12	-2.31	74.0	23.88	Peak	139.00	150	Horizontal	Pass
4**	4882.000	45.06	-2.31	54.0	8.94	AV	139.00	150	Horizontal	Pass
5	7149.000	53.61	-0.02	74.0	20.39	Peak	5.00	150	Horizontal	Pass
5**	7149.000	42.44	-0.02	54.0	11.56	AV	5.00	150	Horizontal	Pass
6	14459.500	49.62	-2.60	74.0	24.38	Peak	360.00	150	Horizontal	Pass
6**	14459.500	39.18	-2.60	54.0	14.82	AV	360.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

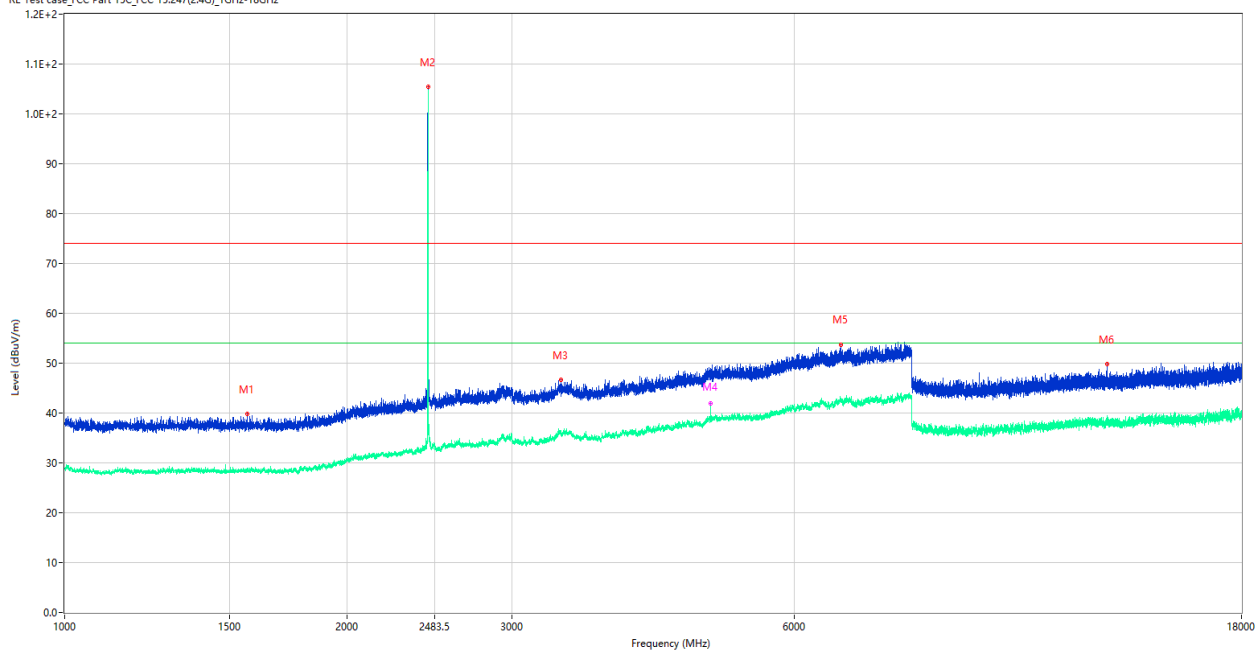
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.500	39.90	-15.93	74.0	34.10	Peak	288.00	150	Vertical	Pass
1**	1443.500	28.58	-15.93	54.0	25.42	AV	288.00	150	Vertical	Pass
2	2440.750	94.87	-12.38	74.0	-20.87	Peak	93.00	150	Vertical	N/A
2**	2440.750	93.50	-12.38	54.0	-39.50	AV	93.00	150	Vertical	N/A
3	3383.000	46.78	-5.25	74.0	27.22	Peak	360.00	150	Vertical	Pass
3**	3383.000	35.74	-5.25	54.0	18.26	AV	360.00	150	Vertical	Pass
4	4882.000	48.54	-2.31	74.0	25.46	Peak	237.00	150	Vertical	Pass
4**	4882.000	43.76	-2.31	54.0	10.24	AV	237.00	150	Vertical	Pass
5	6808.500	53.72	0.35	74.0	20.28	Peak	360.00	150	Vertical	Pass
5**	6808.500	42.27	0.35	54.0	11.73	AV	360.00	150	Vertical	Pass
6	13134.500	48.70	-2.52	74.0	25.30	Peak	213.00	150	Vertical	Pass
6**	13134.500	37.43	-2.52	54.0	16.57	AV	213.00	150	Vertical	Pass

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

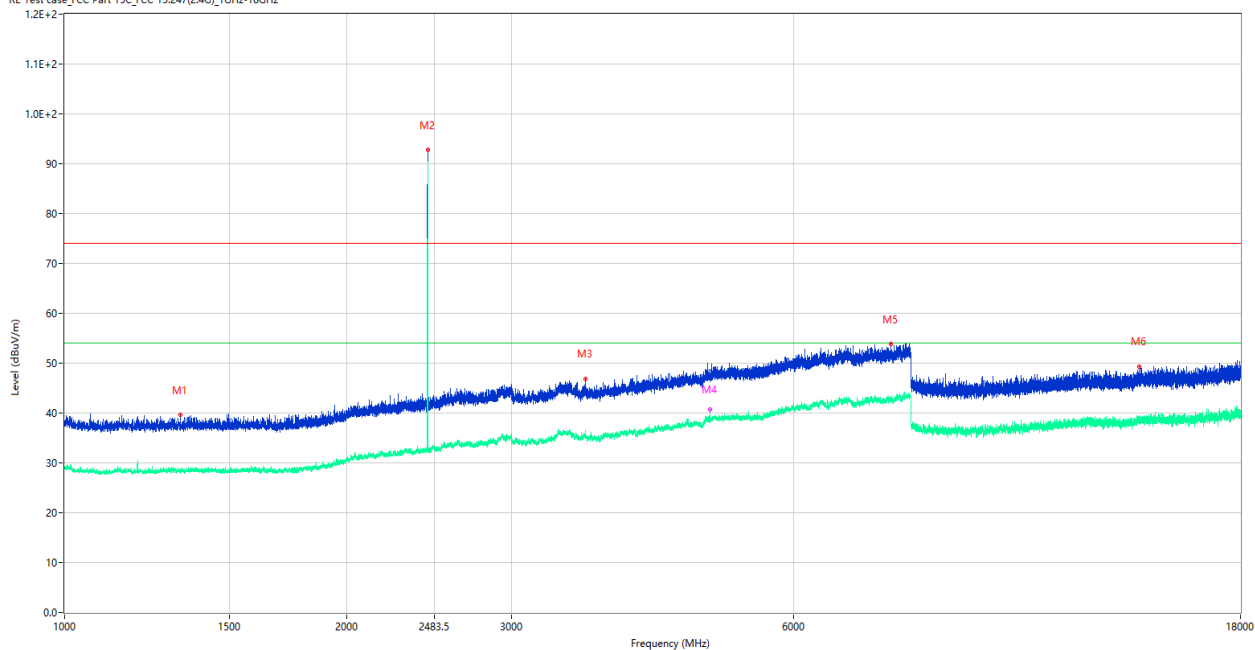
RE Test case FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.000	39.76	-16.07	74.0	34.24	Peak	75.00	150	Horizontal	Pass
1**	1565.000	28.64	-16.07	54.0	25.36	AV	75.00	150	Horizontal	Pass
2	2441.000	105.37	-12.39	74.0	-31.37	Peak	230.00	150	Horizontal	N/A
2**	2441.000	104.40	-12.39	54.0	-50.40	AV	230.00	150	Horizontal	N/A
3	3386.000	46.66	-5.51	74.0	27.34	Peak	346.00	150	Horizontal	Pass
3**	3386.000	35.79	-5.51	54.0	18.21	AV	346.00	150	Horizontal	Pass
4	4882.500	47.72	-2.31	74.0	26.28	Peak	58.00	150	Horizontal	Pass
4**	4882.500	41.86	-2.31	54.0	12.14	AV	58.00	150	Horizontal	Pass
5	6735.500	53.73	0.75	74.0	20.27	Peak	331.00	150	Horizontal	Pass
5**	6735.500	42.26	0.75	54.0	11.74	AV	331.00	150	Horizontal	Pass
6	12933.000	49.81	-2.13	74.0	24.19	Peak	178.00	150	Horizontal	Pass
6**	12933.000	38.21	-2.13	54.0	15.79	AV	178.00	150	Horizontal	Pass

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

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

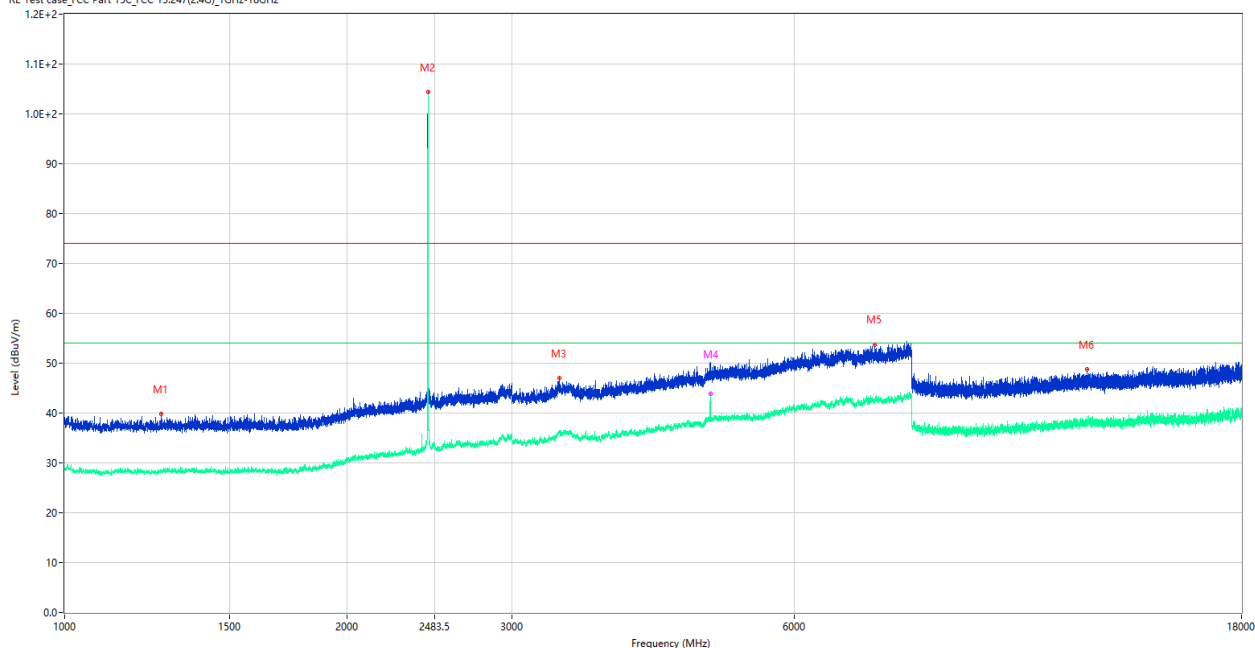


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.750	39.57	-15.94	74.0	34.43	Peak	329.00	150	Vertical	Pass
1**	1328.750	28.46	-15.94	54.0	25.54	AV	329.00	150	Vertical	Pass
2	2440.750	92.74	-12.38	74.0	-18.74	Peak	90.00	150	Vertical	N/A
2**	2440.750	90.13	-12.38	54.0	-36.13	AV	90.00	150	Vertical	N/A
3	3596.000	46.88	-5.13	74.0	27.12	Peak	356.00	150	Vertical	Pass
3**	3596.000	36.18	-5.13	54.0	17.82	AV	356.00	150	Vertical	Pass
4	4882.500	47.96	-2.31	74.0	26.04	Peak	1.00	150	Vertical	Pass
4**	4882.500	40.75	-2.31	54.0	13.25	AV	1.00	150	Vertical	Pass
5	7626.500	53.84	0.64	74.0	20.16	Peak	230.00	150	Vertical	Pass
5**	7626.500	42.76	0.64	54.0	11.24	AV	230.00	150	Vertical	Pass
6	14027.500	49.32	-1.79	74.0	24.68	Peak	185.00	150	Vertical	Pass
6**	14027.500	39.06	-1.79	54.0	14.94	AV	185.00	150	Vertical	Pass

Aux. Antenna

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

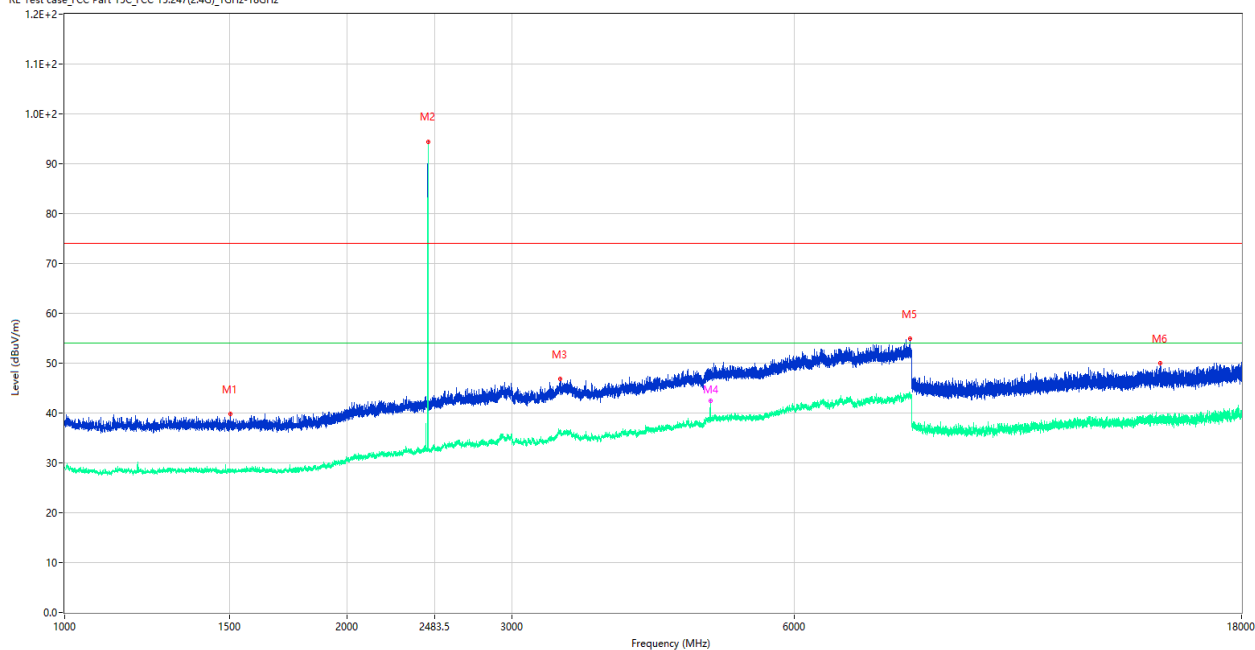
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1267.500	39.79	-15.96	74.0	34.21	Peak	10.00	150	Horizontal	Pass
1**	1267.500	28.46	-15.96	54.0	25.54	AV	10.00	150	Horizontal	Pass
2	2440.750	104.38	-12.38	74.0	-30.38	Peak	360.00	150	Horizontal	N/A
2**	2440.750	103.02	-12.38	54.0	-49.02	AV	360.00	150	Horizontal	N/A
3	3370.000	46.95	-4.86	74.0	27.05	Peak	52.00	150	Horizontal	Pass
3**	3370.000	36.24	-4.86	54.0	17.76	AV	52.00	150	Horizontal	Pass
4	4882.000	50.24	-2.31	74.0	23.76	Peak	331.00	150	Horizontal	Pass
4**	4882.000	43.80	-2.31	54.0	10.20	AV	331.00	150	Horizontal	Pass
5	7312.000	53.65	0.63	74.0	20.35	Peak	82.00	150	Horizontal	Pass
5**	7312.000	42.40	0.63	54.0	11.60	AV	82.00	150	Horizontal	Pass
6	12322.000	48.72	-2.30	74.0	25.28	Peak	351.00	150	Horizontal	Pass
6**	12322.000	38.29	-2.30	54.0	15.71	AV	351.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

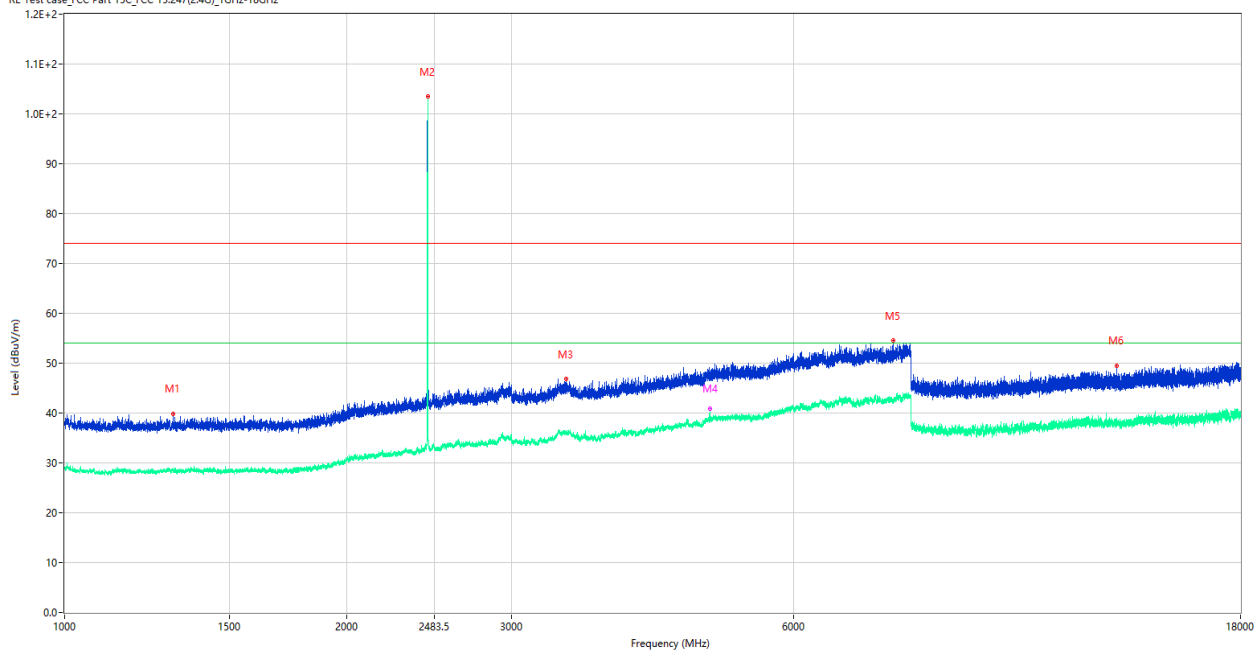
RE Test case FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.250	39.81	-16.09	74.0	34.19	Peak	329.00	150	Vertical	Pass
1**	1502.250	28.77	-16.09	54.0	25.23	AV	329.00	150	Vertical	Pass
2	2440.750	94.41	-12.38	74.0	-20.41	Peak	266.00	150	Vertical	N/A
2**	2440.750	93.03	-12.38	54.0	-39.03	AV	266.00	150	Vertical	N/A
3	3375.000	46.83	-4.83	74.0	27.17	Peak	221.00	150	Vertical	Pass
3**	3375.000	36.13	-4.83	54.0	17.87	AV	221.00	150	Vertical	Pass
4	4882.000	48.86	-2.31	74.0	25.14	Peak	16.00	150	Vertical	Pass
4**	4882.000	42.48	-2.31	54.0	11.52	AV	16.00	150	Vertical	Pass
5	7976.500	54.90	1.89	74.0	19.10	Peak	360.00	150	Vertical	Pass
5**	7976.500	43.24	1.89	54.0	10.76	AV	360.00	150	Vertical	Pass
6	14729.500	49.99	-1.70	74.0	24.01	Peak	68.00	150	Vertical	Pass
6**	14729.500	39.00	-1.70	54.0	15.00	AV	68.00	150	Vertical	Pass

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

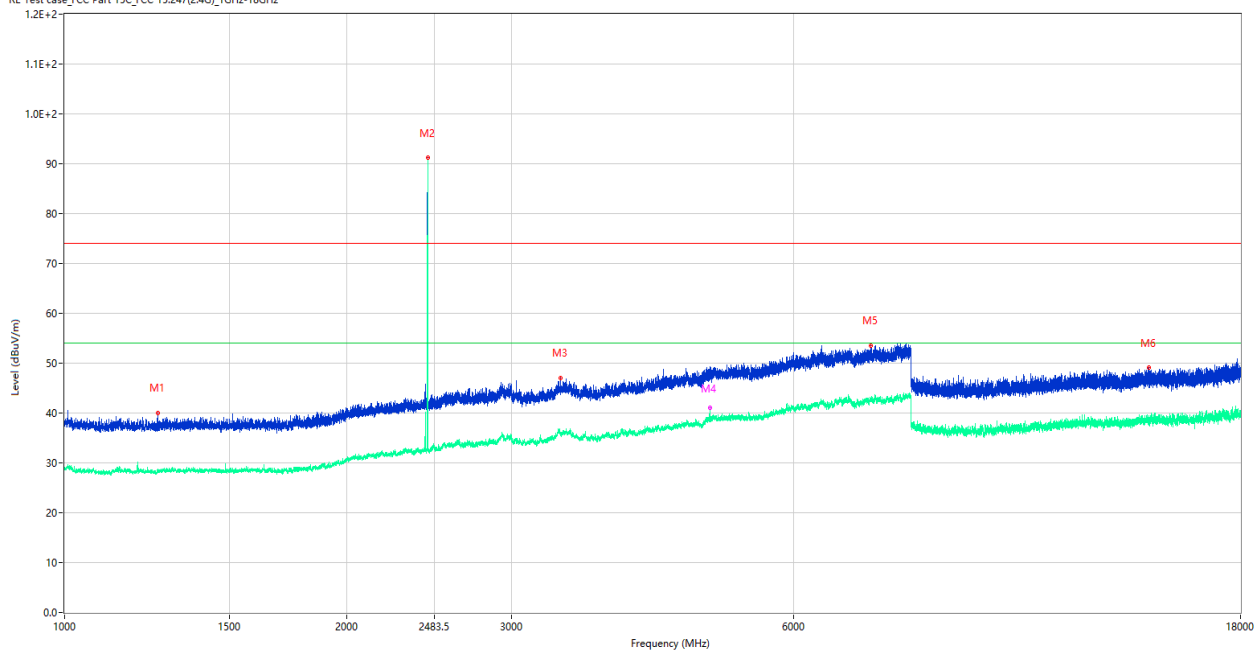
RE Test case FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1305.000	39.86	-15.59	74.0	34.14	Peak	144.00	150	Horizontal	Pass
1**	1305.000	28.46	-15.59	54.0	25.54	AV	144.00	150	Horizontal	Pass
2	2440.750	103.44	-12.38	74.0	-29.44	Peak	360.00	150	Horizontal	N/A
2**	2440.750	98.04	-12.38	54.0	-44.04	AV	360.00	150	Horizontal	N/A
3	3433.000	46.83	-5.12	74.0	27.17	Peak	0.00	150	Horizontal	Pass
3**	3433.000	35.72	-5.12	54.0	18.28	AV	0.00	150	Horizontal	Pass
4	4882.000	47.70	-2.31	74.0	26.30	Peak	302.00	150	Horizontal	Pass
4**	4882.000	40.94	-2.31	54.0	13.06	AV	302.00	150	Horizontal	Pass
5	7671.500	54.61	0.71	74.0	19.39	Peak	0.00	150	Horizontal	Pass
5**	7671.500	42.21	0.71	54.0	11.79	AV	0.00	150	Horizontal	Pass
6	13287.999	49.50	-2.80	74.0	24.50	Peak	294.00	150	Horizontal	Pass
6**	13287.999	38.26	-2.80	54.0	15.74	AV	294.00	150	Horizontal	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1257.750	40.03	-16.05	74.0	33.97	Peak	261.00	150	Vertical	Pass
1**	1257.750	28.70	-16.05	54.0	25.30	AV	261.00	150	Vertical	Pass
2	2441.000	91.20	-12.39	74.0	-17.20	Peak	266.00	150	Vertical	N/A
2**	2441.000	90.49	-12.39	54.0	-36.49	AV	266.00	150	Vertical	N/A
3	3382.500	47.03	-5.25	74.0	26.97	Peak	360.00	150	Vertical	Pass
3**	3382.500	36.14	-5.25	54.0	17.86	AV	360.00	150	Vertical	Pass
4	4882.500	46.67	-2.31	74.0	27.33	Peak	70.00	150	Vertical	Pass
4**	4882.500	40.97	-2.31	54.0	13.03	AV	70.00	150	Vertical	Pass
5	7249.000	53.55	0.90	74.0	20.45	Peak	210.00	150	Vertical	Pass
5**	7249.000	42.39	0.90	54.0	11.61	AV	210.00	150	Vertical	Pass
6	14365.000	49.07	-1.47	74.0	24.93	Peak	331.00	150	Vertical	Pass
6**	14365.000	39.42	-1.47	54.0	14.58	AV	331.00	150	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: All antenna were tested, but only the worst case has been reported in this report.

Test Data and Plots

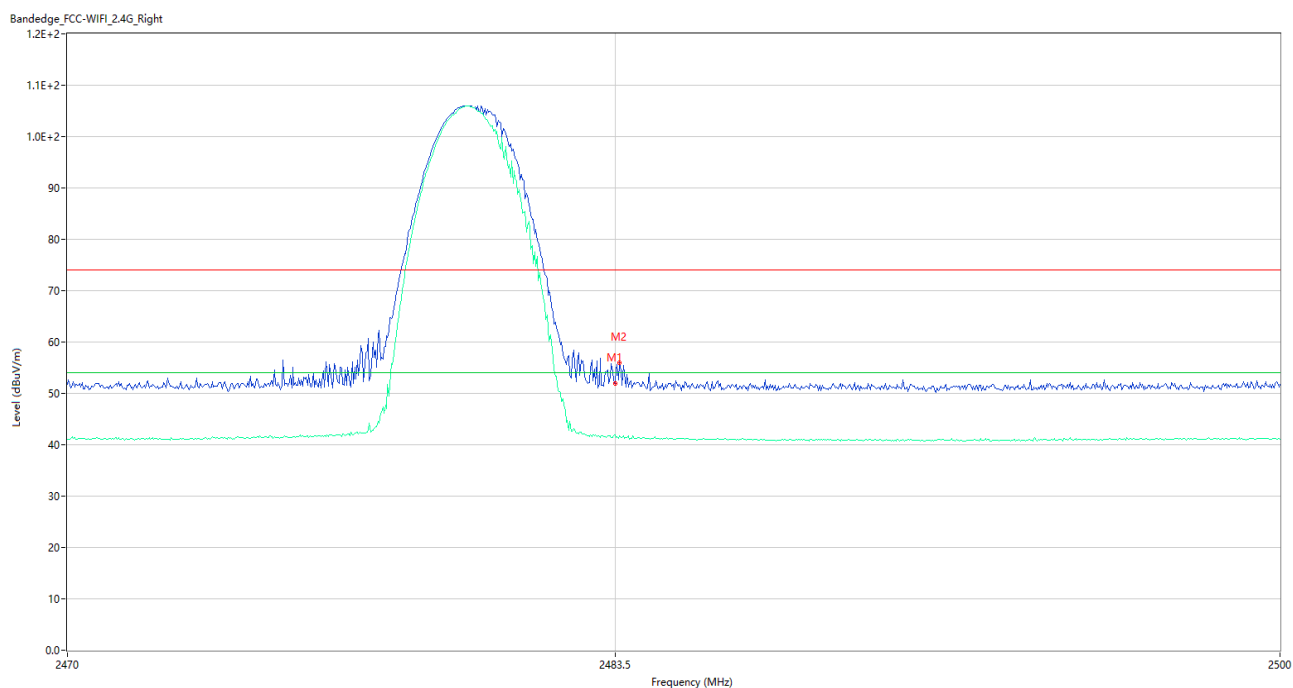
Main Antenna

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.26	-4.87	74.0	22.74	Peak	26.27	150	Horizontal	Pass
1**	2390.000	40.47	-4.87	54.0	13.53	AV	26.27	150	Horizontal	Pass
2	2368.500	52.45	-4.17	74.0	21.55	Peak	276.00	150	Horizontal	Pass
2**	2368.500	40.66	-4.17	54.0	13.34	AV	276.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



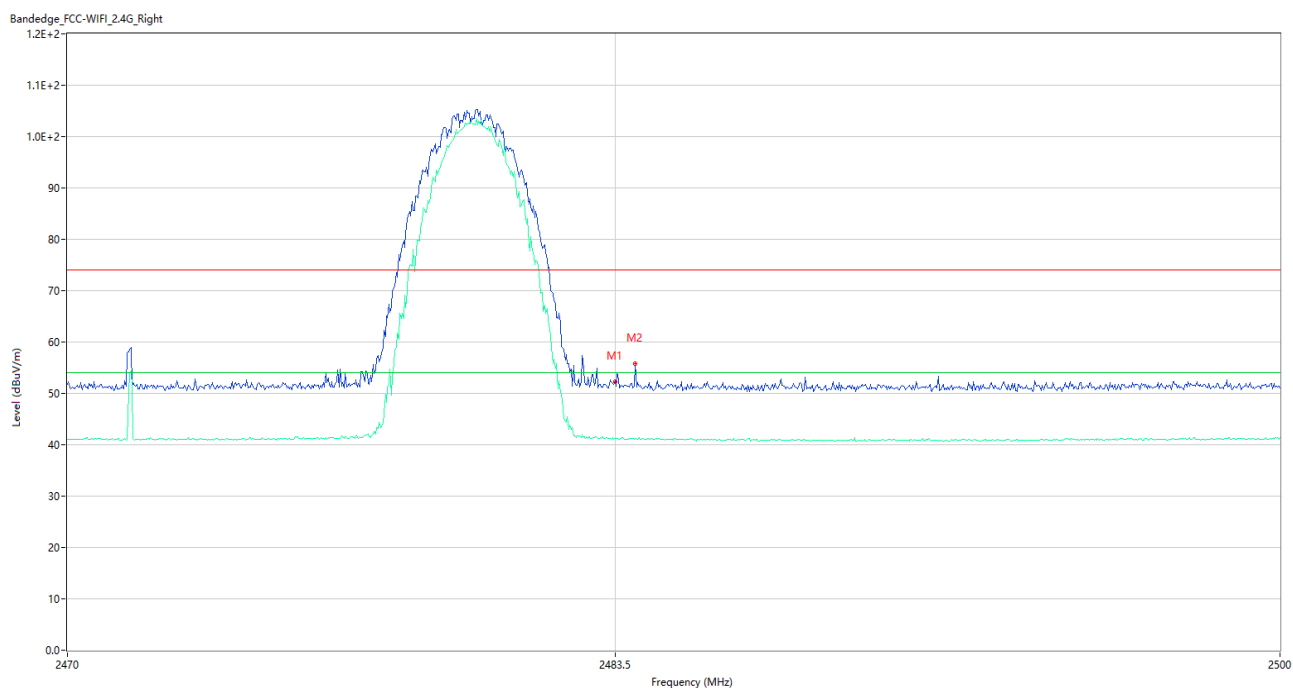
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.90	-3.78	74.0	22.10	Peak	255.00	150	Horizontal	Pass
1**	2483.500	41.87	-3.78	54.0	12.13	AV	255.00	150	Horizontal	Pass
2	2483.620	56.00	-3.78	74.0	18.00	Peak	346.00	150	Horizontal	Pass
2**	2483.620	41.69	-3.78	54.0	12.31	AV	346.00	150	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.25	-4.87	74.0	22.75	Peak	131.11	150	Vertical	Pass
1**	2390.000	40.58	-4.87	54.0	13.42	AV	131.11	150	Vertical	Pass
2	2370.400	52.70	-4.02	74.0	21.30	Peak	144.00	150	Vertical	Pass
2**	2370.400	40.94	-4.02	54.0	13.06	AV	144.00	150	Vertical	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.28	-3.78	74.0	21.72	Peak	258.00	150	Horizontal	Pass
1**	2483.500	41.22	-3.78	54.0	12.78	AV	258.00	150	Horizontal	Pass
2	2484.010	55.76	-3.78	74.0	18.24	Peak	243.00	150	Horizontal	Pass
2**	2484.010	41.15	-3.78	54.0	12.85	AV	243.00	150	Horizontal	Pass

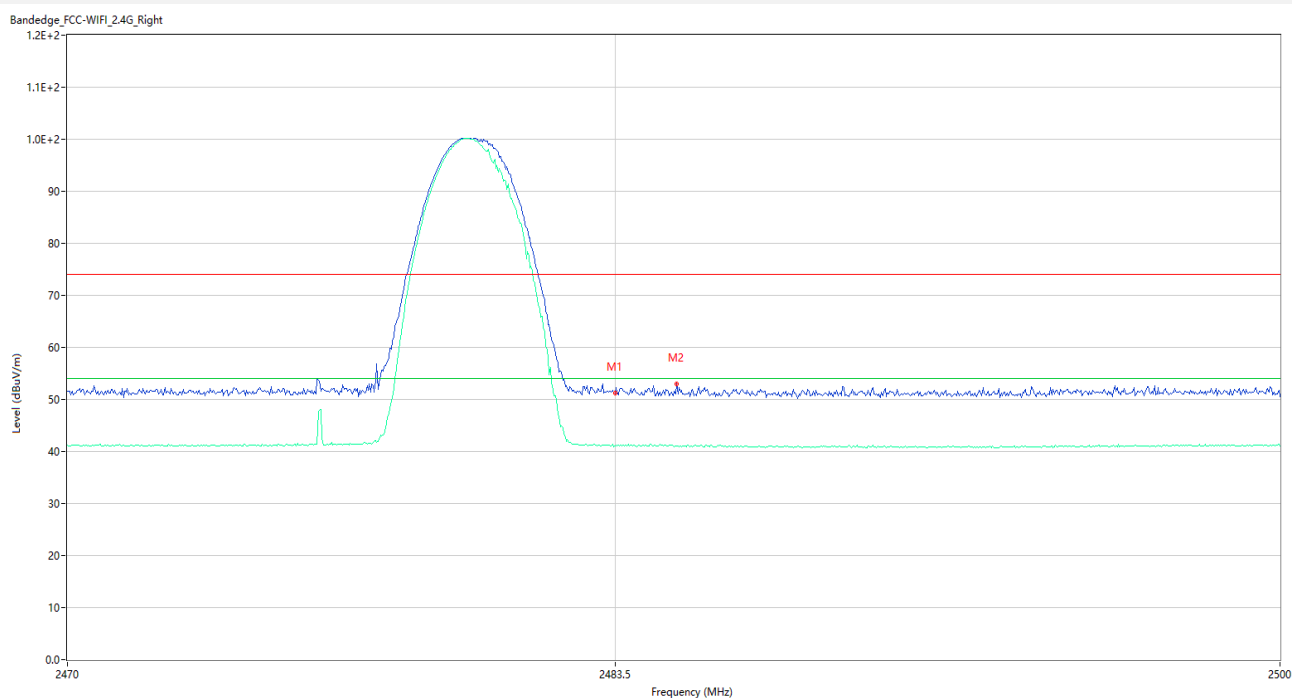
Aux. Antenna

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.48	-4.87	74.0	23.52	Peak	1.42	150	Horizontal	Pass
1**	2390.000	40.30	-4.87	54.0	13.70	AV	1.42	150	Horizontal	Pass
2	2367.200	52.37	-4.31	74.0	21.63	Peak	234.00	150	Horizontal	Pass
2**	2367.200	40.73	-4.31	54.0	13.27	AV	234.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



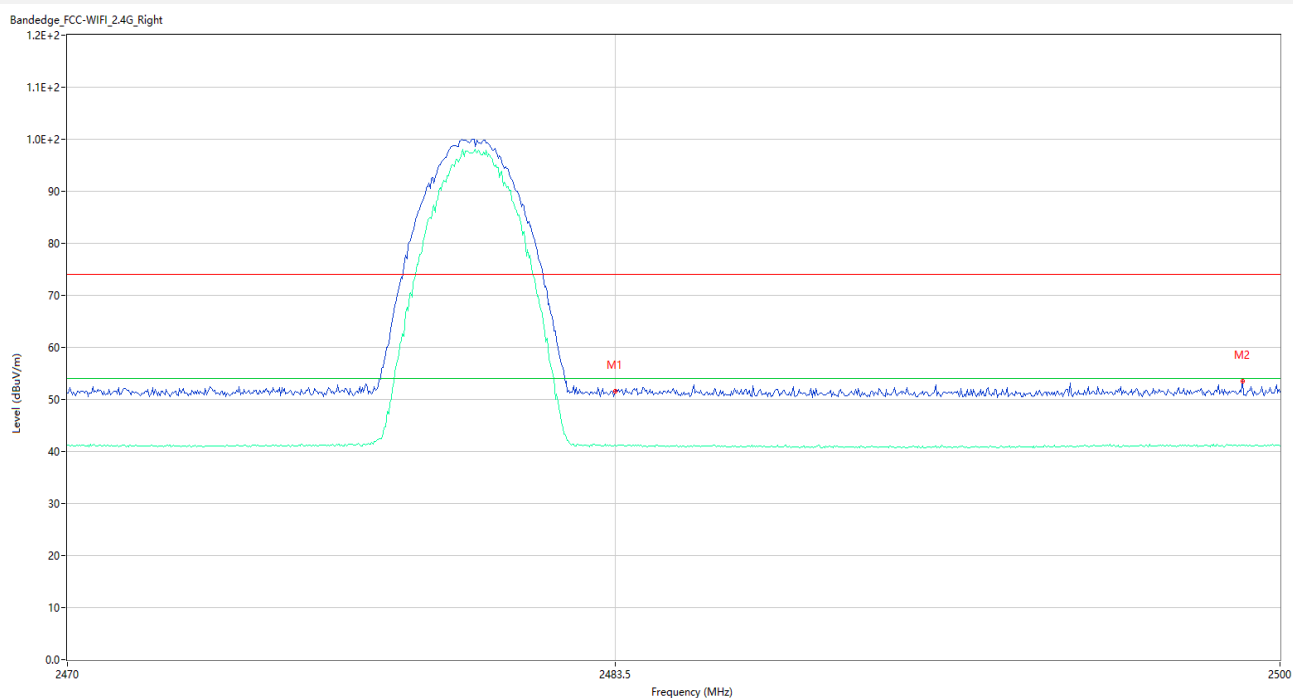
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.14	-3.78	74.0	22.86	Peak	0.00	150	Horizontal	Pass
1**	2483.500	41.12	-3.78	54.0	12.88	AV	0.00	150	Horizontal	Pass
2	2485.030	52.97	-3.78	74.0	21.03	Peak	185.00	150	Horizontal	Pass
2**	2485.030	41.00	-3.78	54.0	13.00	AV	185.00	150	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.75	-4.87	74.0	23.25	Peak	196.77	150	Vertical	Pass
1**	2390.000	40.35	-4.87	54.0	13.65	AV	196.77	150	Vertical	Pass
2	2371.100	52.41	-4.04	74.0	21.59	Peak	74.00	150	Vertical	Pass
2**	2371.100	40.85	-4.04	54.0	13.15	AV	74.00	150	Vertical	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.64	-3.78	74.0	22.36	Peak	57.00	150	Horizontal	Pass
1**	2483.500	41.26	-3.78	54.0	12.74	AV	57.00	150	Horizontal	Pass
2	2499.070	53.48	-3.98	74.0	20.52	Peak	355.00	150	Horizontal	Pass
2**	2499.070	41.18	-3.98	54.0	12.82	AV	355.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26010298-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26010298-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26010298-AI.PDF”.

Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
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--END OF REPORT--