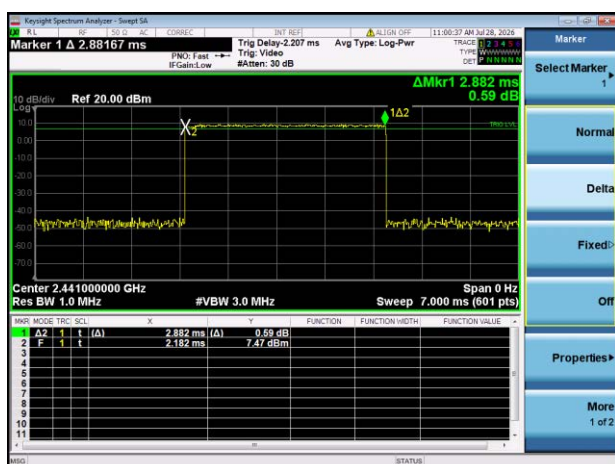
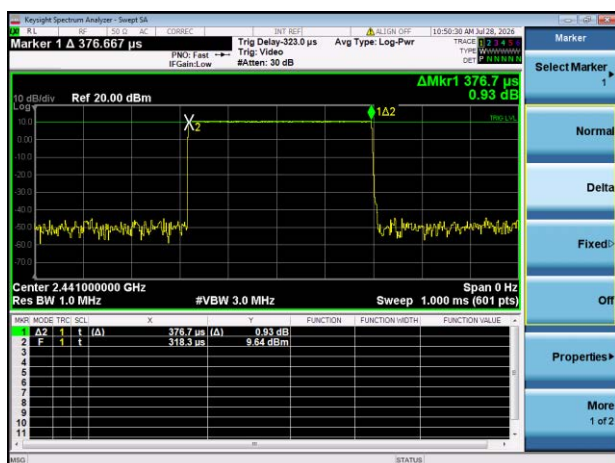


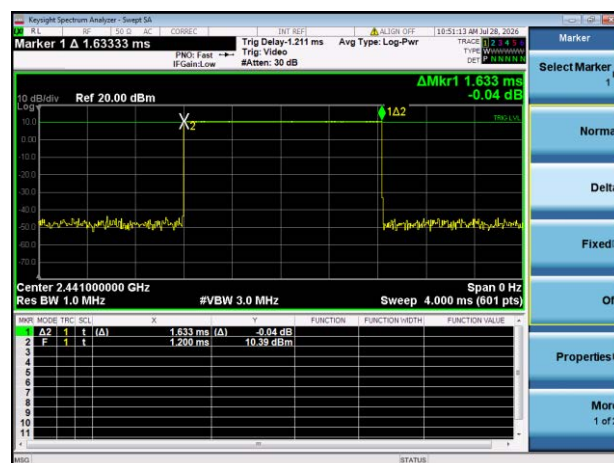
8-DPSK DH5



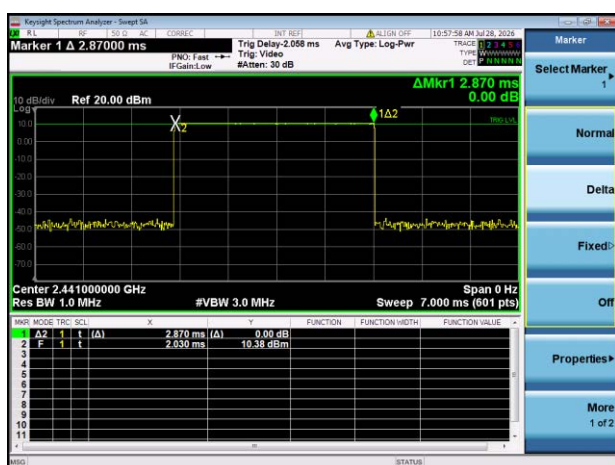
AFH Mode DH1



AFH Mode DH3

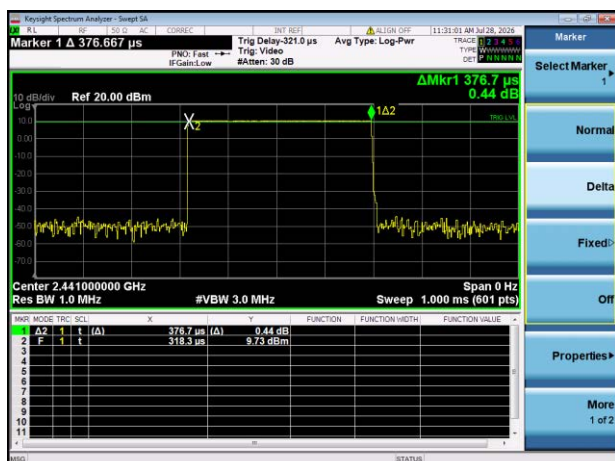


AFH Mode DH5

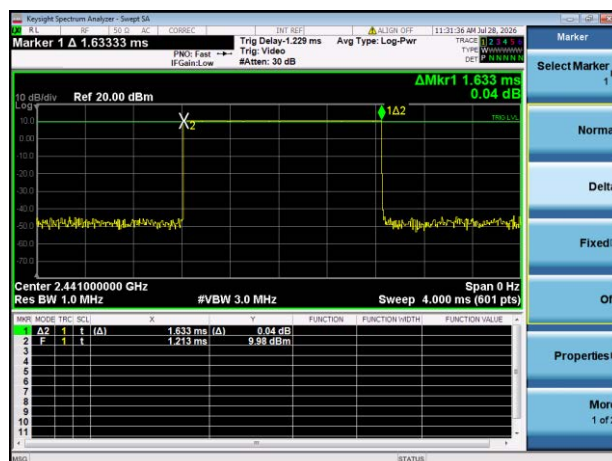


Aux. Antenna:

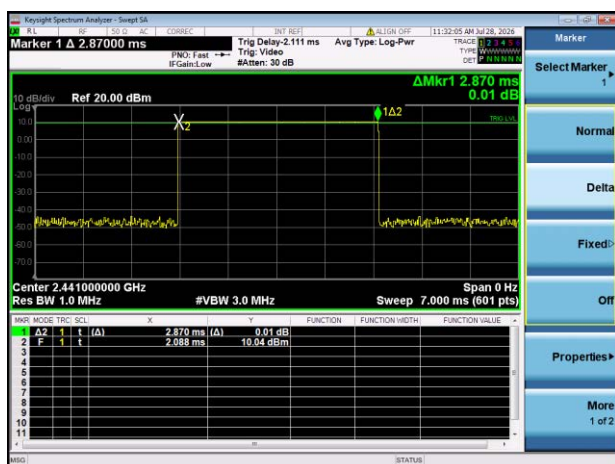
GFSK DH1



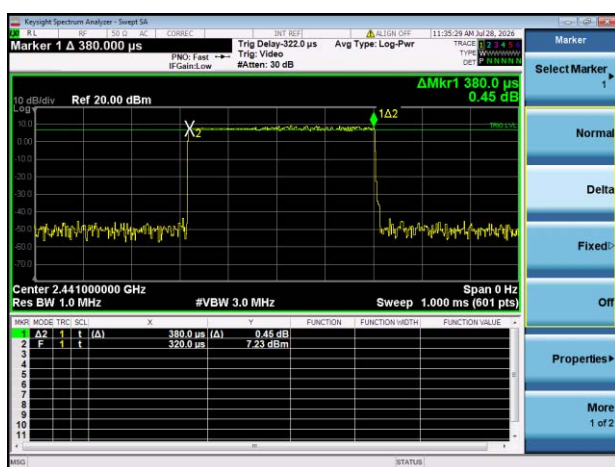
GFSK DH3



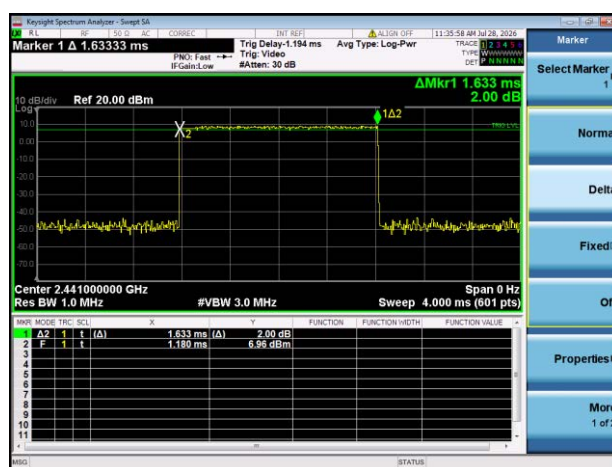
GFSK DH5



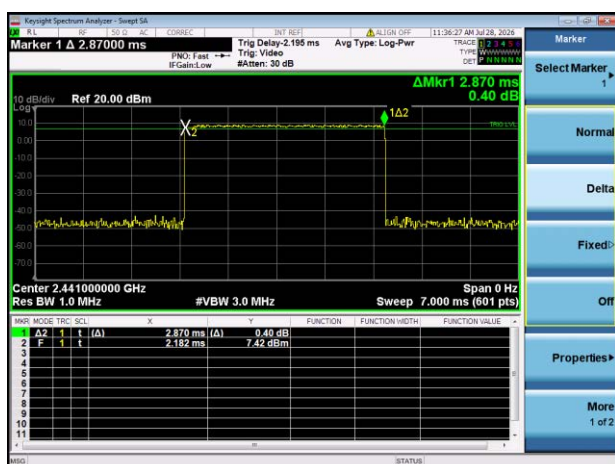
8-DPSK DH1



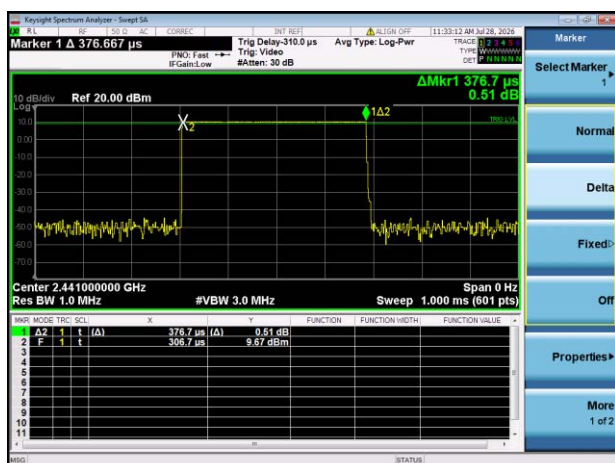
8-DPSK DH3



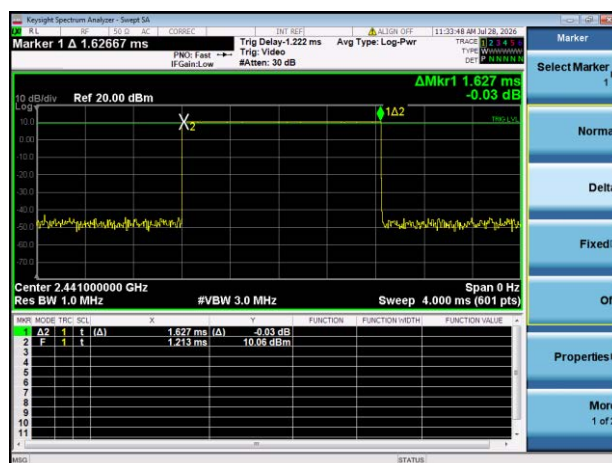
8-DPSK DH5



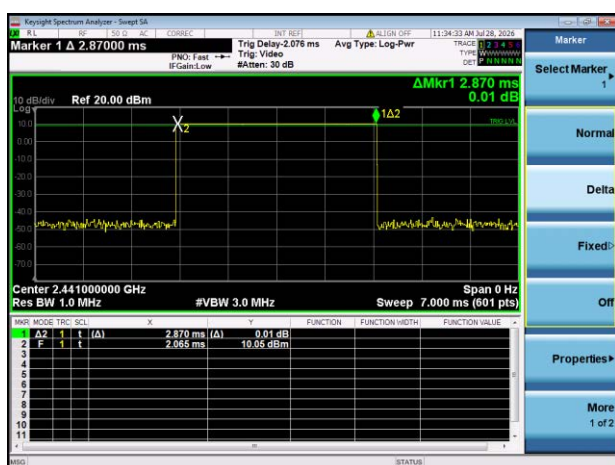
AFH Mode DH1



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	-31.50	10.06	-9.94	Pass
Middle	-31.25	10.30	-9.70	Pass
High	-31.26	9.98	-10.02	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.68	7.49	-12.51	Pass
Middle	-31.30	7.55	-12.45	Pass
High	-31.55	7.09	-12.91	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-31.65	10.97	-9.03	Pass
8-DPSK	-31.99	7.52	-12.48	Pass

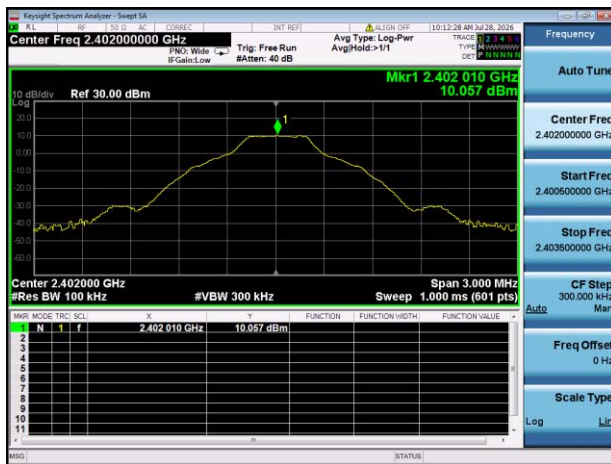
Aux. Antenna:

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.52	10.08	-9.92	Pass
Middle	-31.48	9.96	-10.04	Pass
High	-31.55	9.98	-10.02	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.62	7.21	-12.79	Pass
Middle	-31.70	7.19	-12.81	Pass
High	-32.33	7.10	-12.90	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-31.17	10.47	-9.53	Pass
8-DPSK	-31.45	7.11	-12.89	Pass

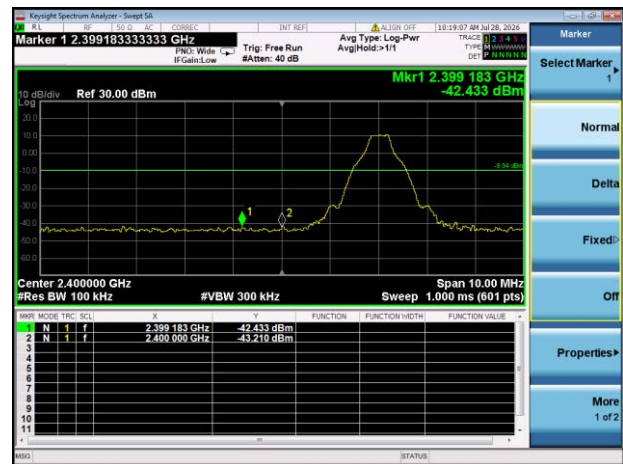
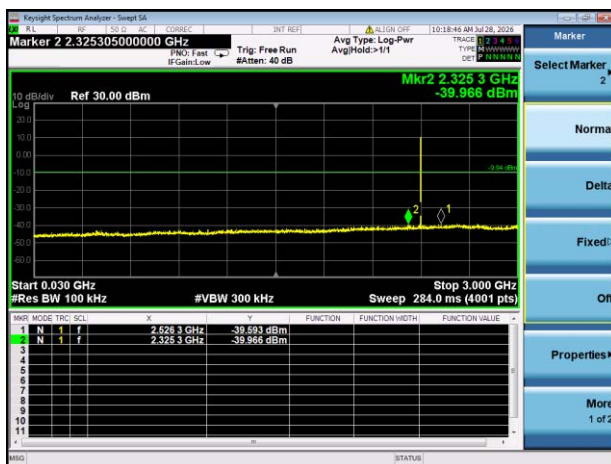
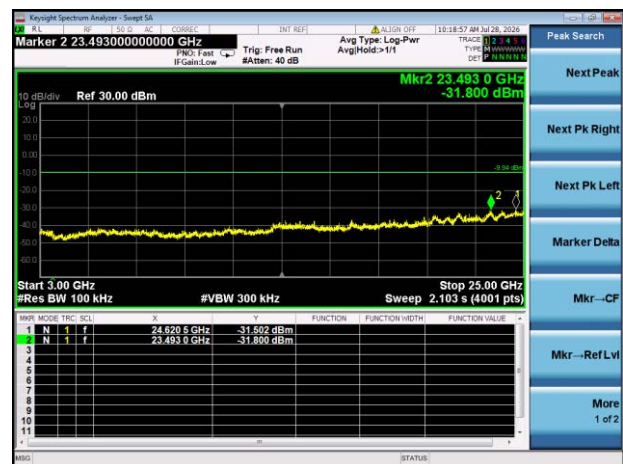
Test Plots

Main Antenna:

GFSK LOW CHANNEL, CARRIER LEVEL



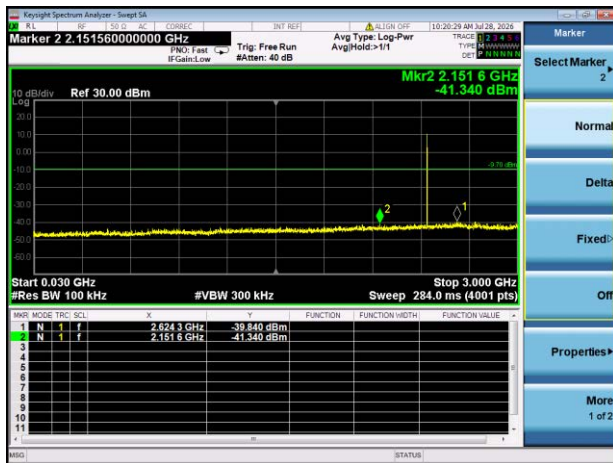
GFSK LOW CHANNEL, BAND EDGE

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

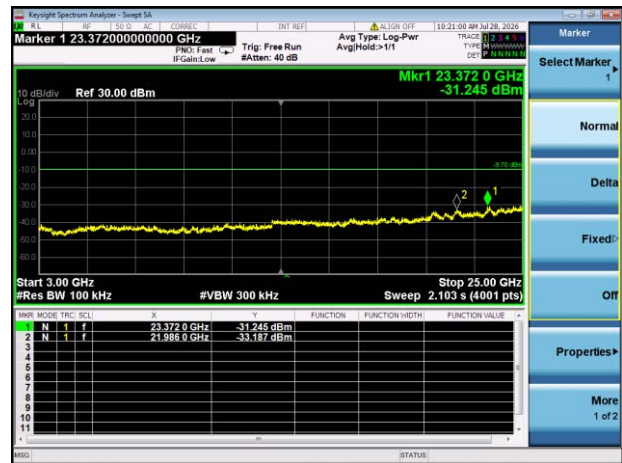
GFSK MIDDLE CHANNEL, CARRIER LEVEL



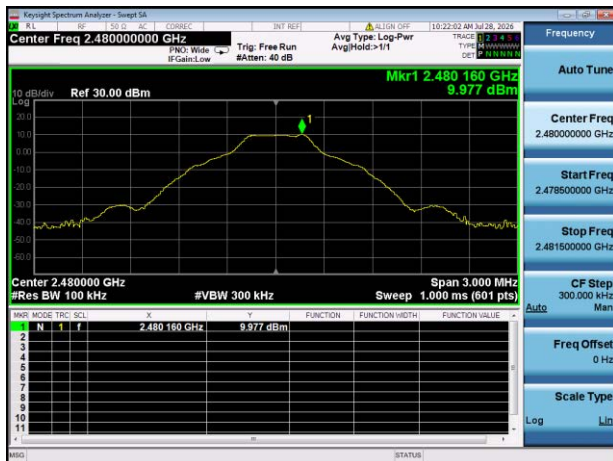
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



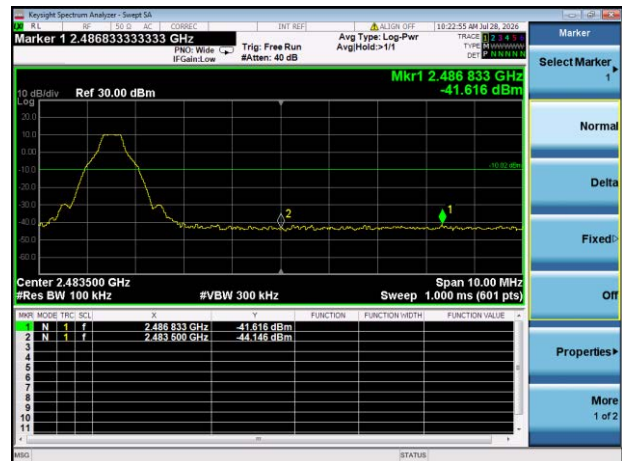
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



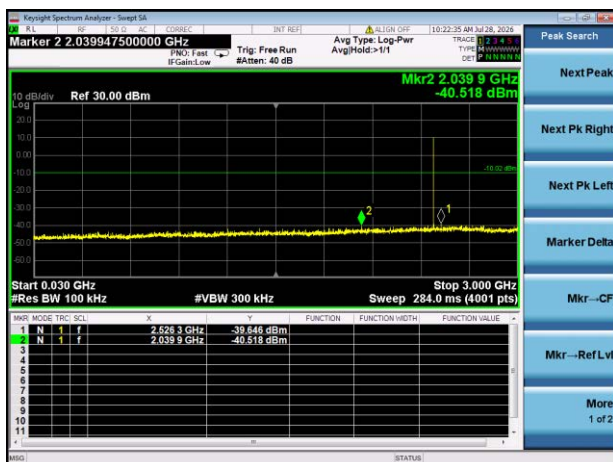
GFSK HIGH CHANNEL, CARRIER LEVEL



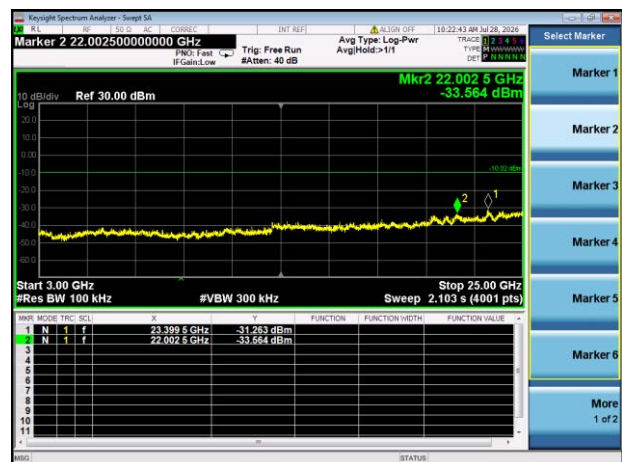
GFSK HIGH CHANNEL, BAND EDGE



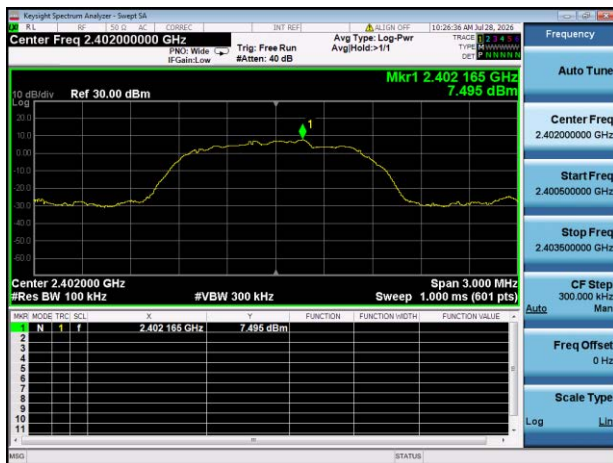
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



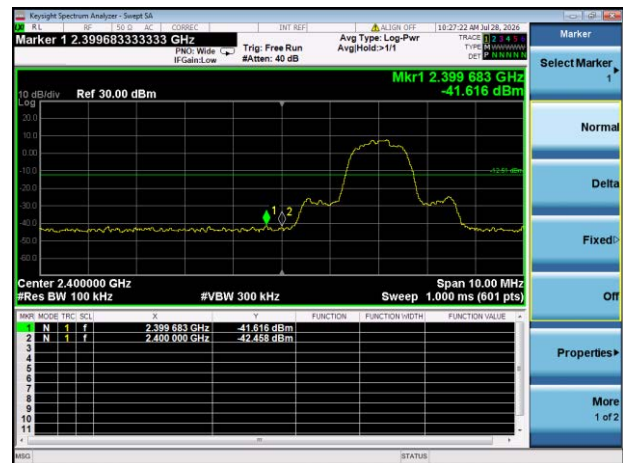
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

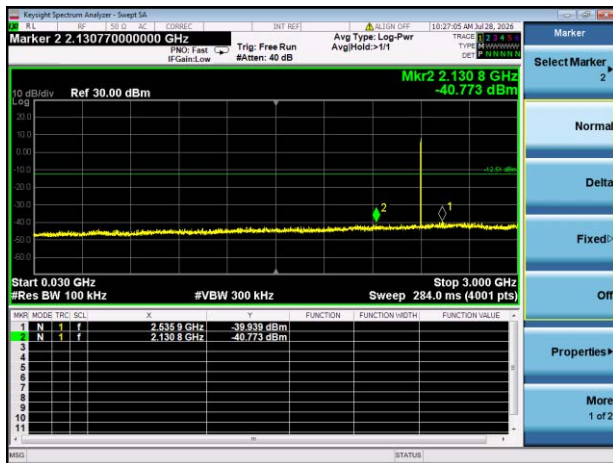


8-DPSK LOW CHANNEL, BAND EDGE



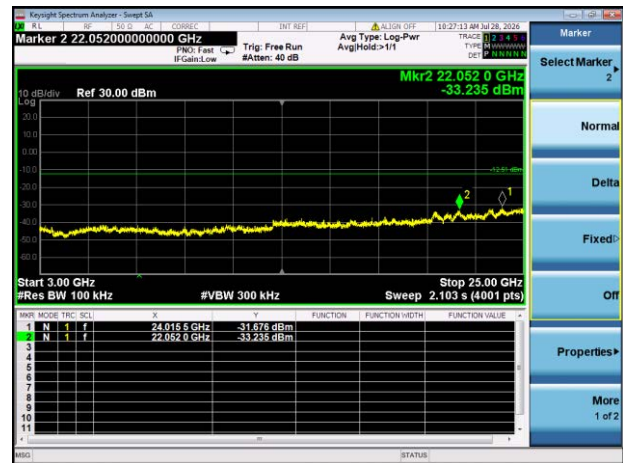
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

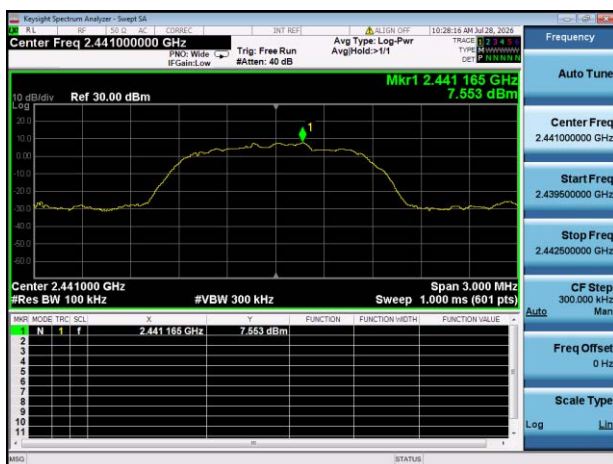


8-DPSK LOW CHANNEL, SPURIOUS

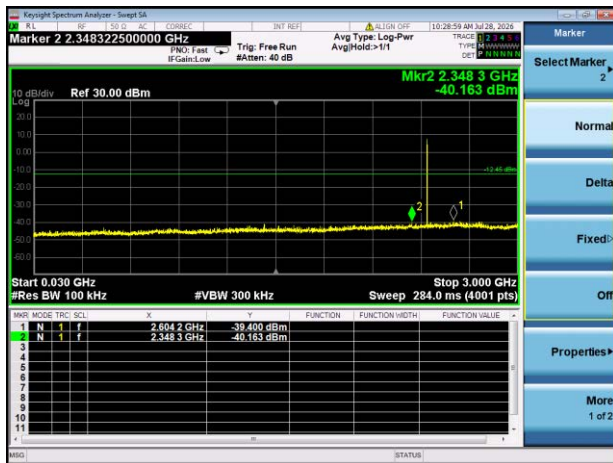
3 GHz ~ 25 GHz



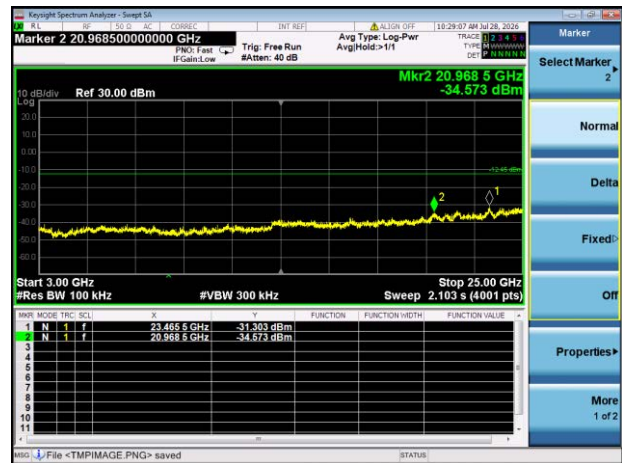
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



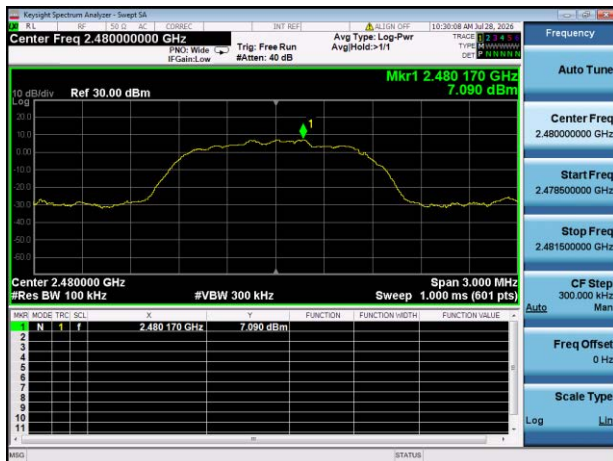
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



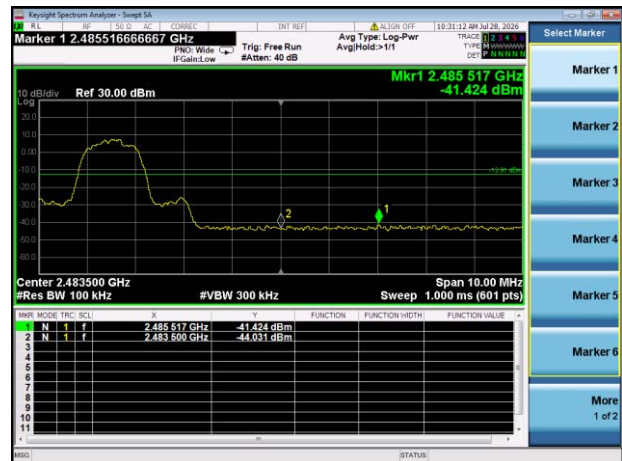
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



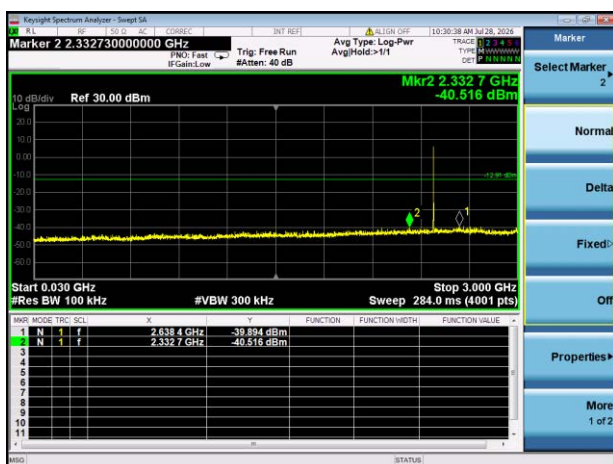
8-DPSK HIGH CHANNEL, CARRIER LEVEL



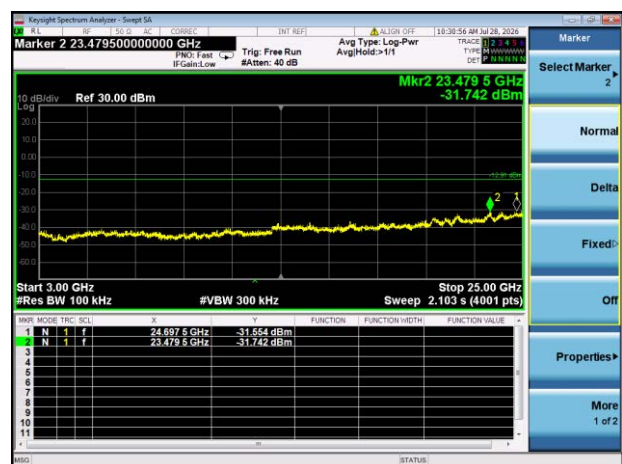
8-DPSK HIGH CHANNEL, BAND EDGE



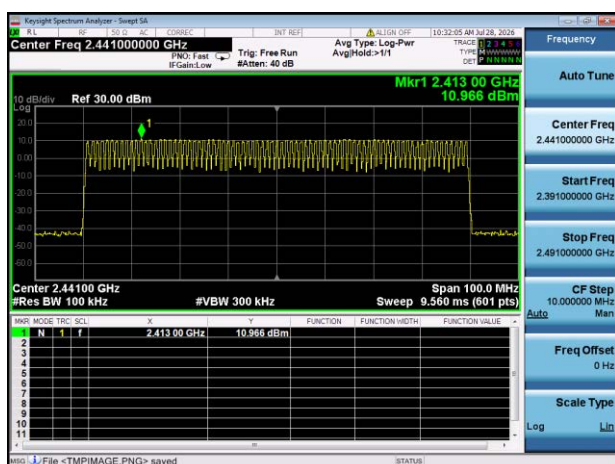
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



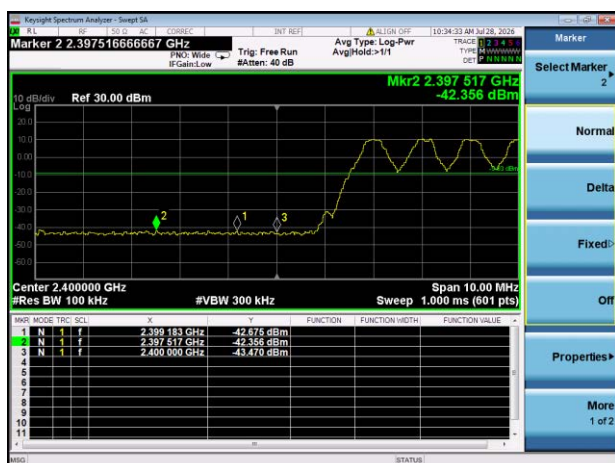
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



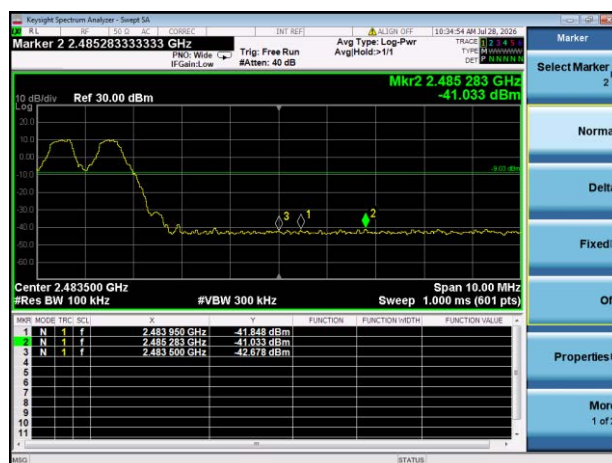
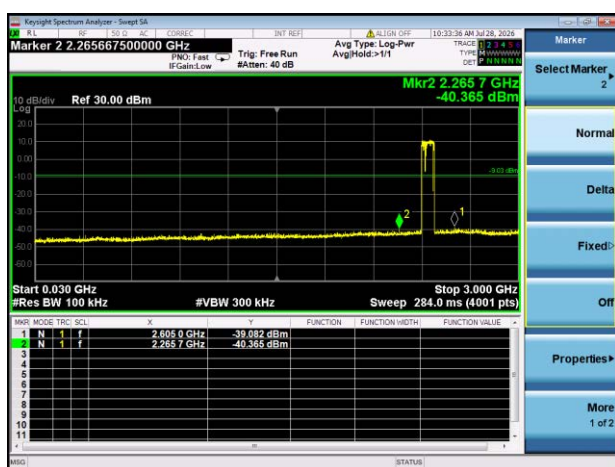
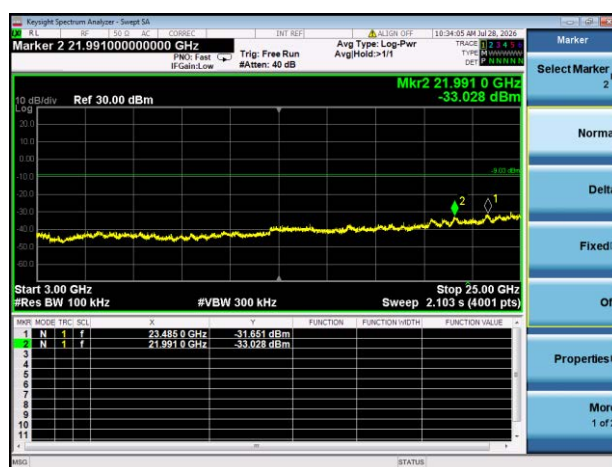
GFSK HOPPING, CARRIER LEVEL



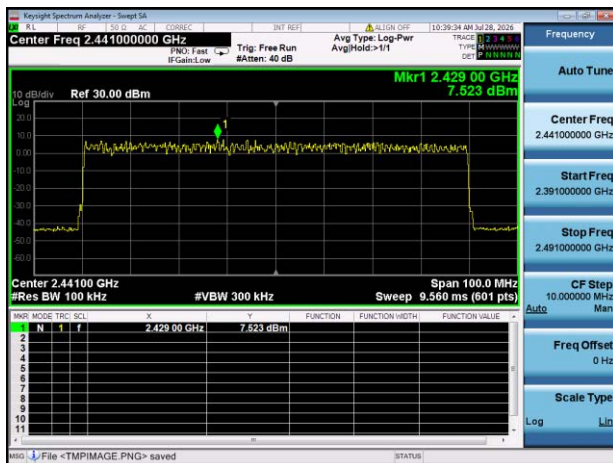
GFSK HOPPING BAND EDGE (LOW)



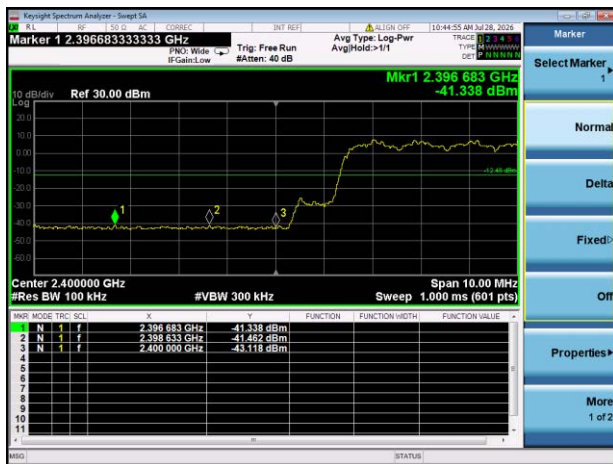
GFSK HOPPING BAND EDGE (HIGH)

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

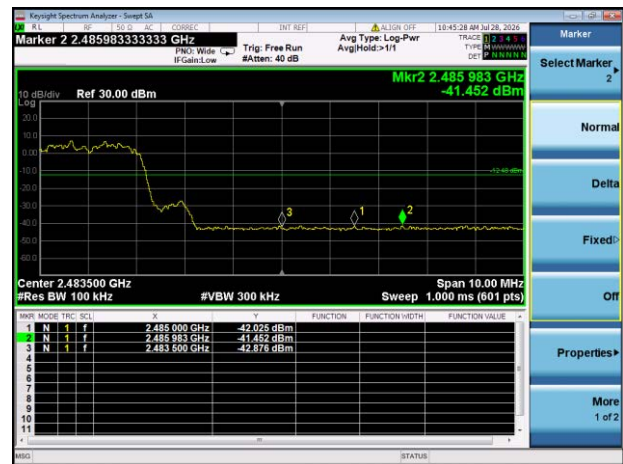
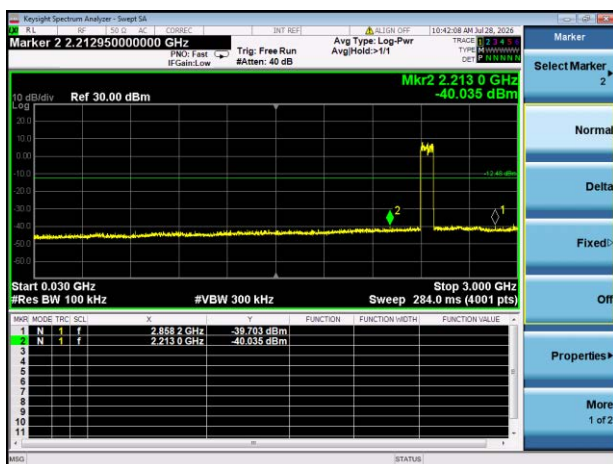
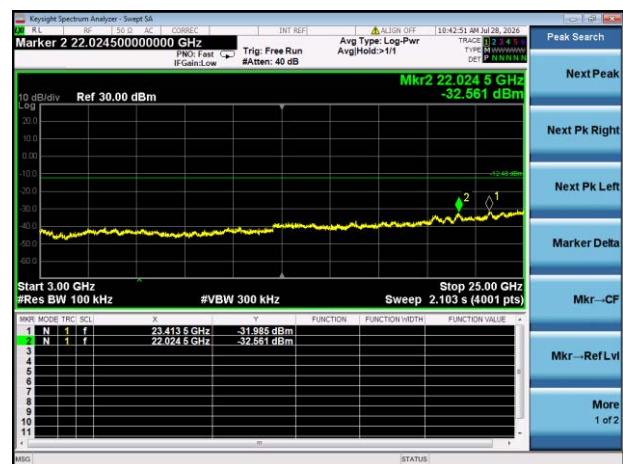
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)

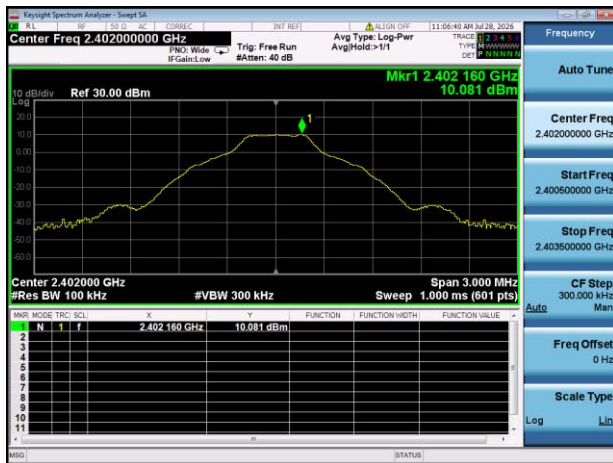


8-DPSK Hopping BAND EDGE (HIGH)

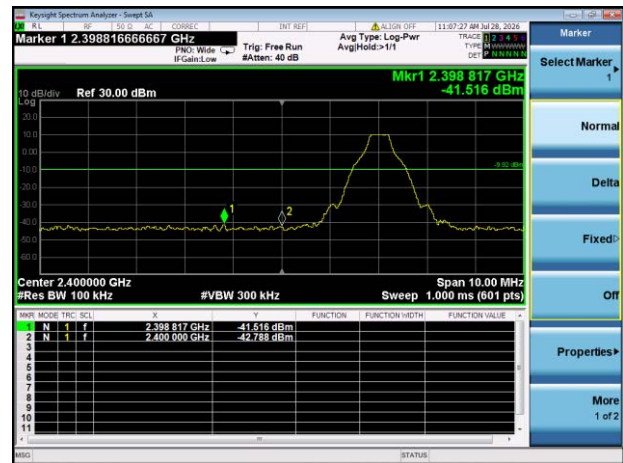
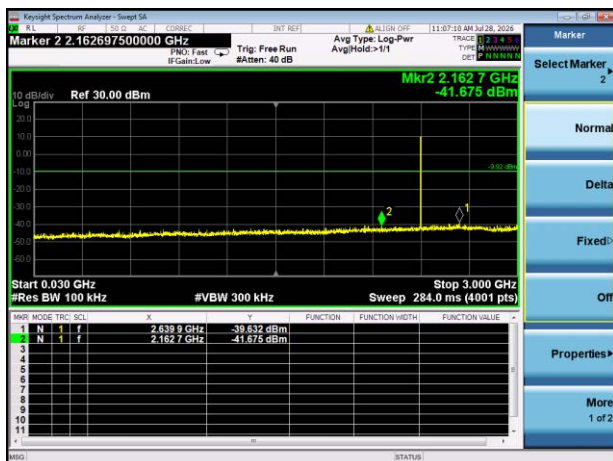
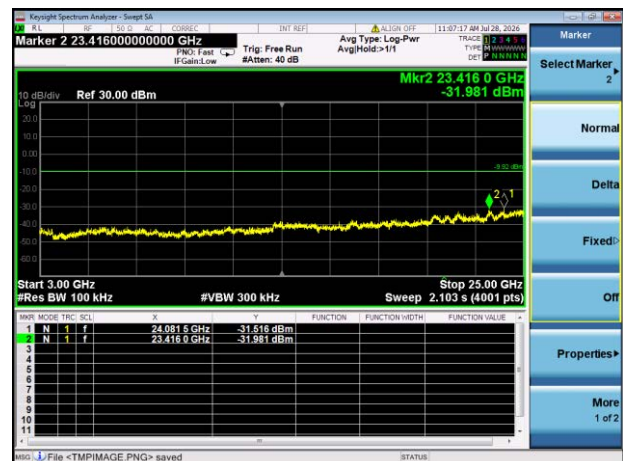
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

Aux. Antenna:

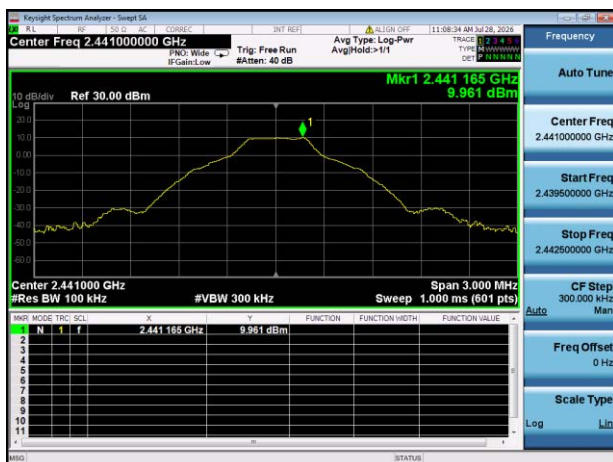
GFSK LOW CHANNEL, CARRIER LEVEL



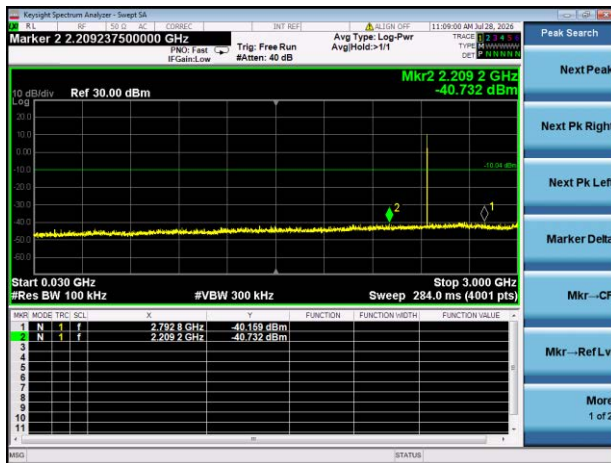
GFSK LOW CHANNEL, BAND EDGE

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

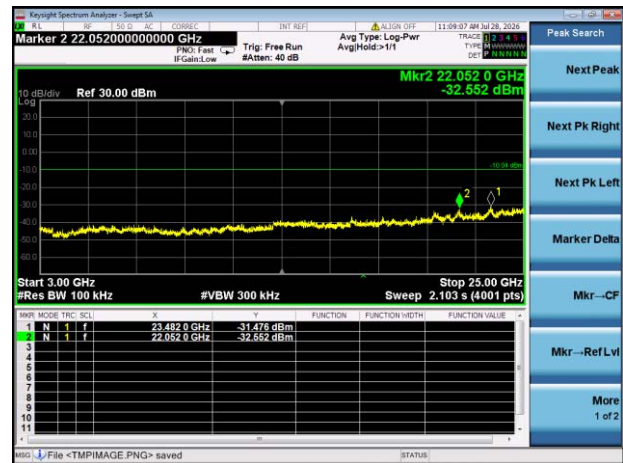
GFSK MIDDLE CHANNEL, CARRIER LEVEL



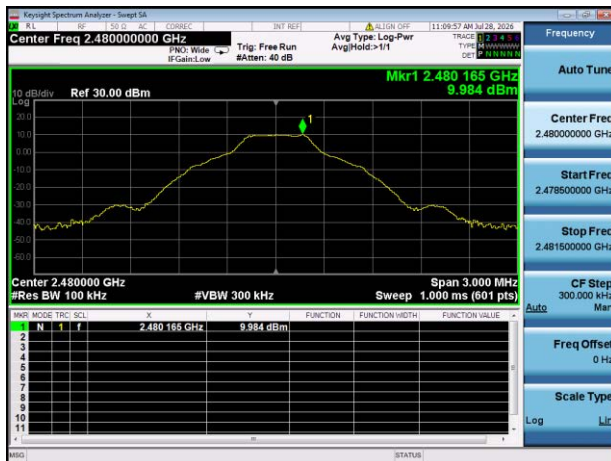
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



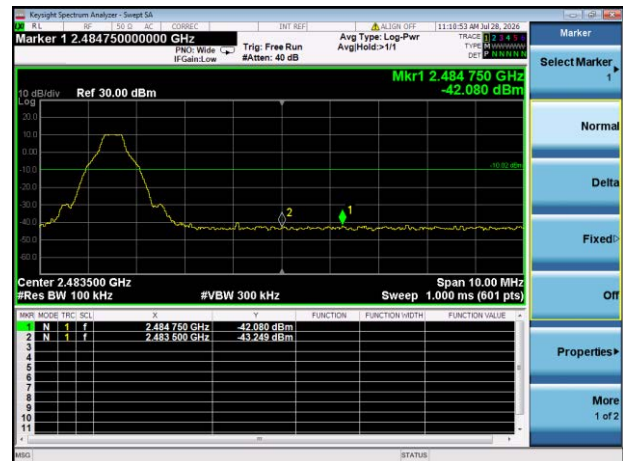
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



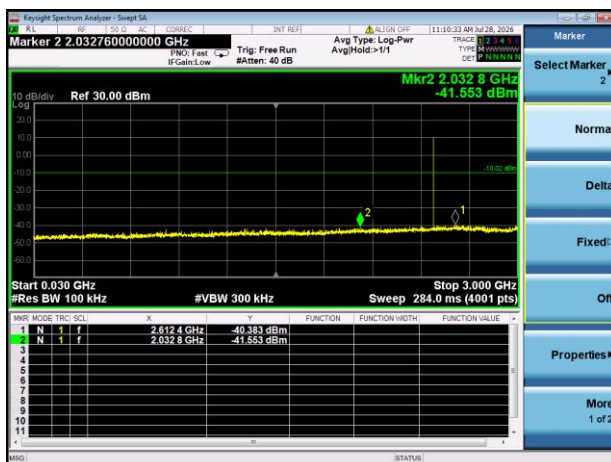
GFSK HIGH CHANNEL, CARRIER LEVEL



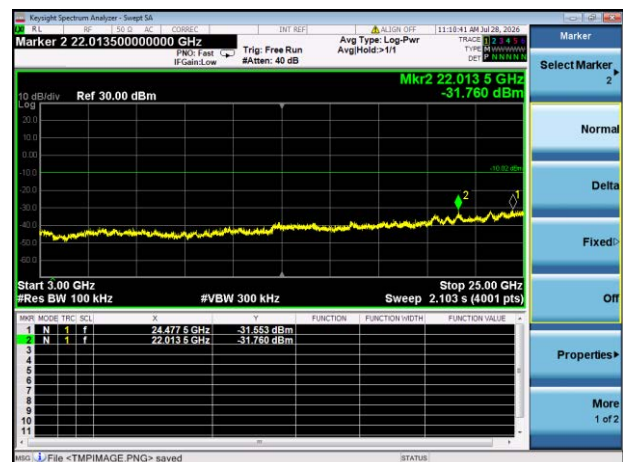
GFSK HIGH CHANNEL, BAND EDGE



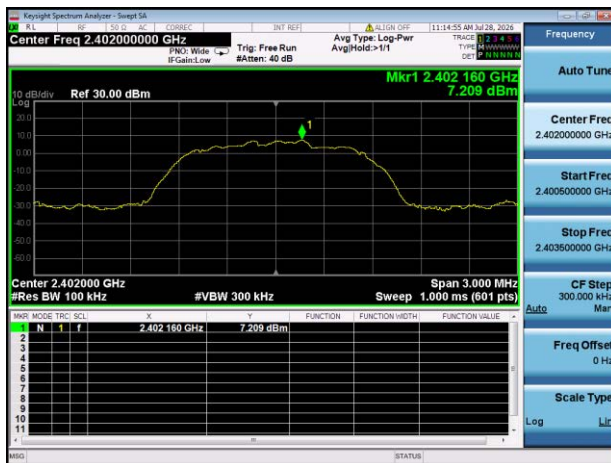
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



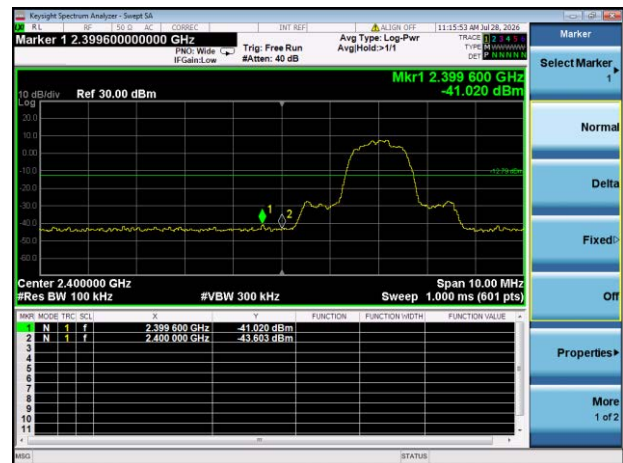
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

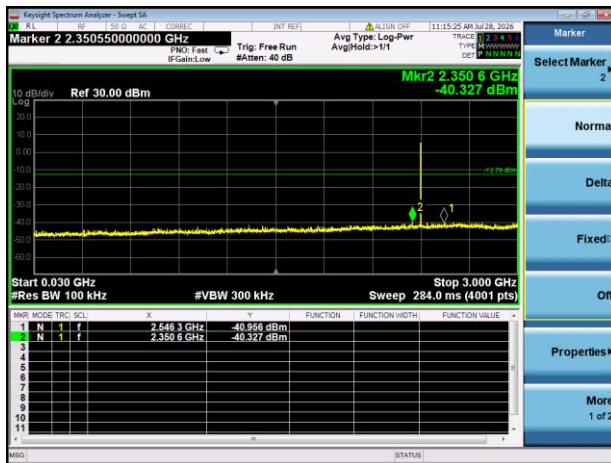


8-DPSK LOW CHANNEL, BAND EDGE



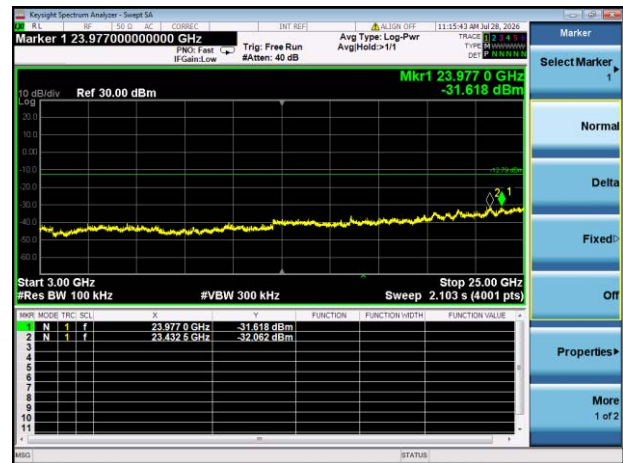
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

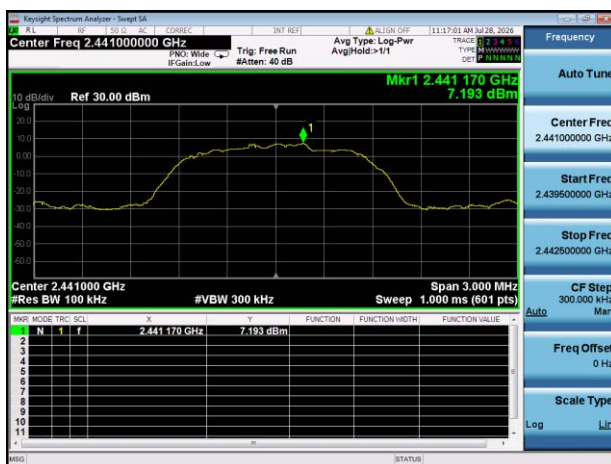


8-DPSK LOW CHANNEL, SPURIOUS

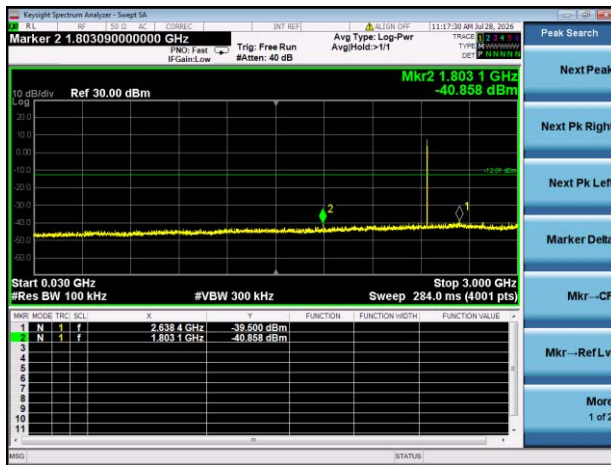
3 GHz ~ 25 GHz



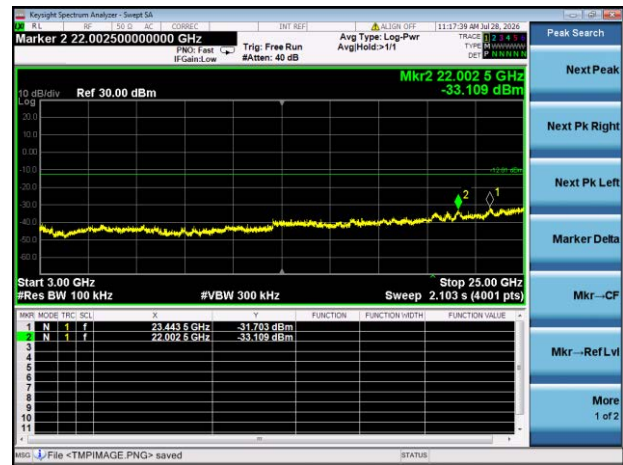
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



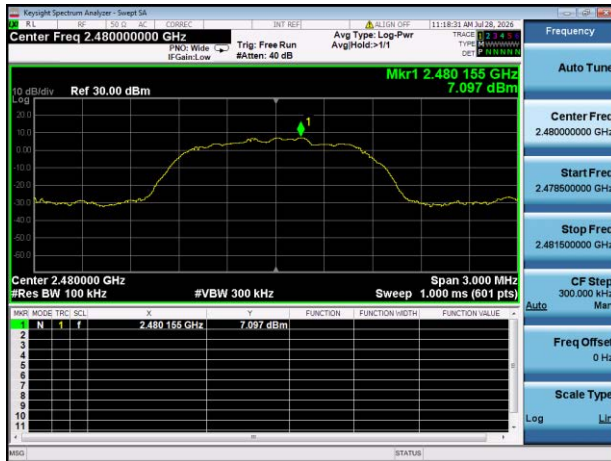
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



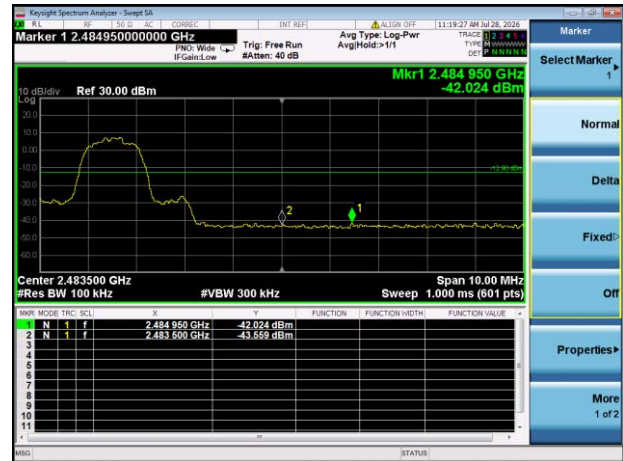
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



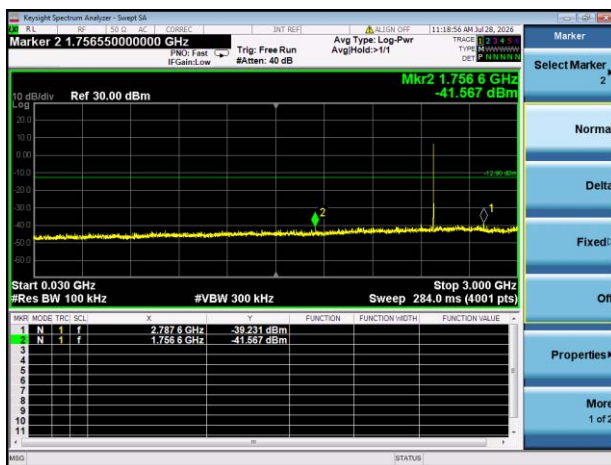
8-DPSK HIGH CHANNEL, CARRIER LEVEL



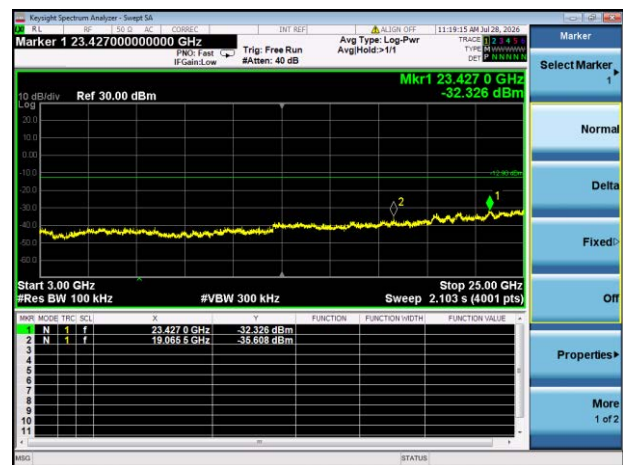
8-DPSK HIGH CHANNEL, BAND EDGE



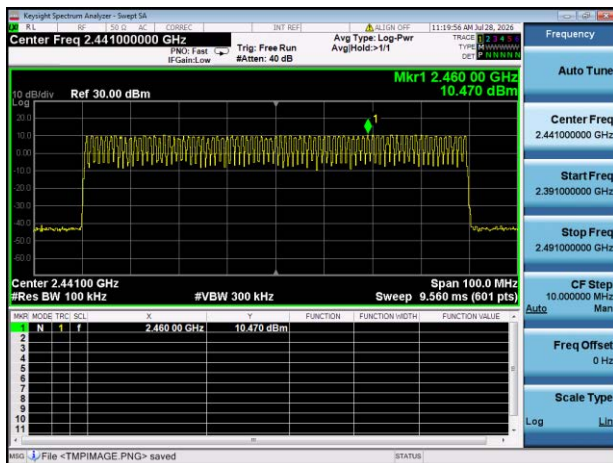
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



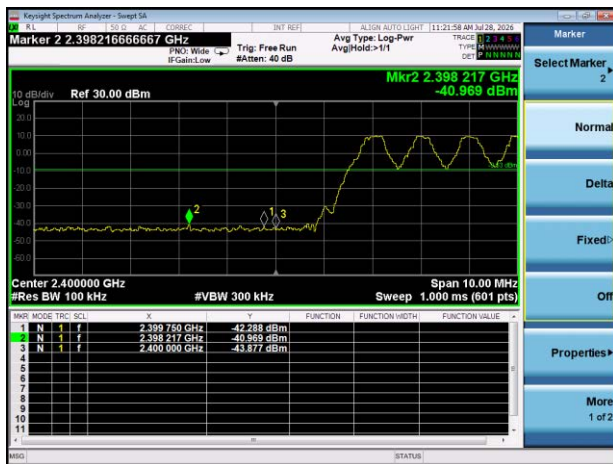
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



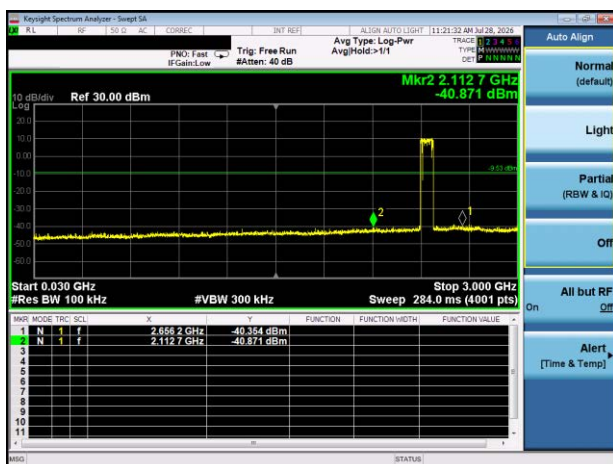
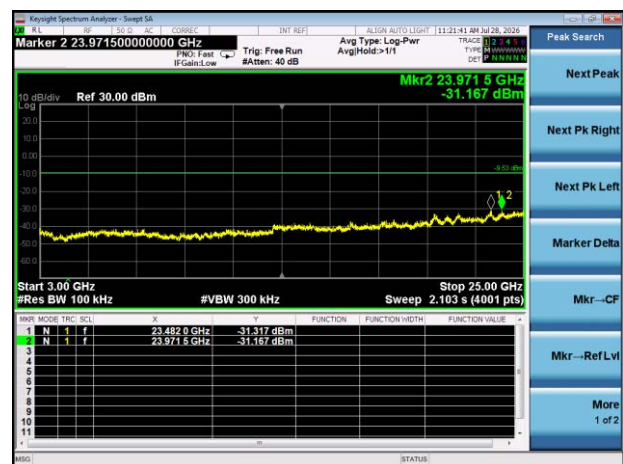
GFSK HOPPING, CARRIER LEVEL



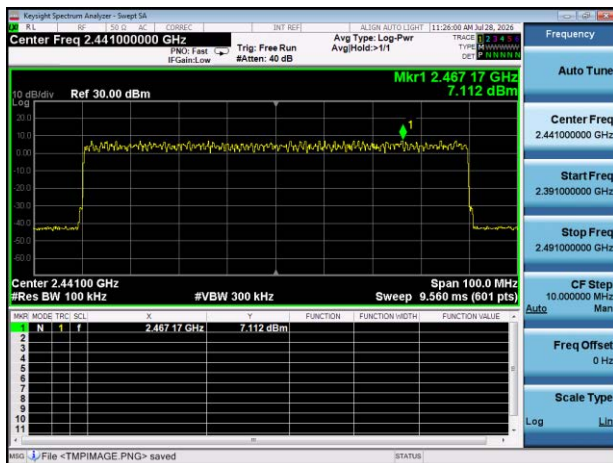
GFSK HOPPING BAND EDGE (LOW)



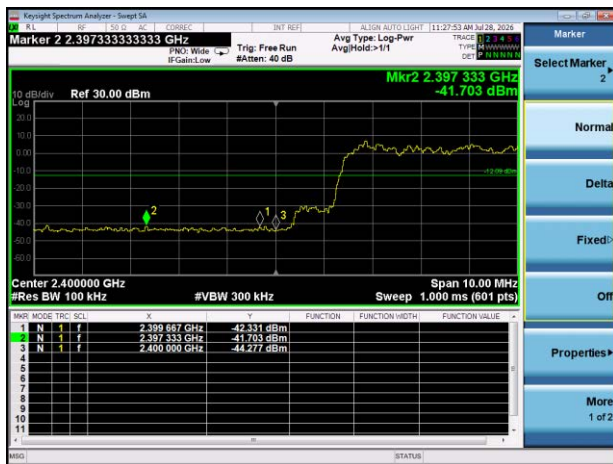
GFSK HOPPING BAND EDGE (HIGH)

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

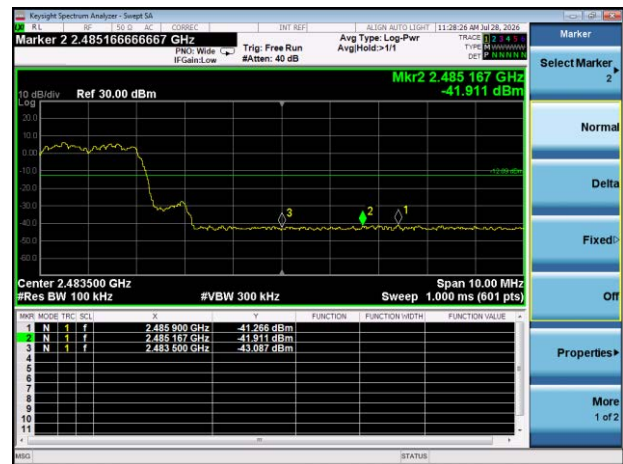
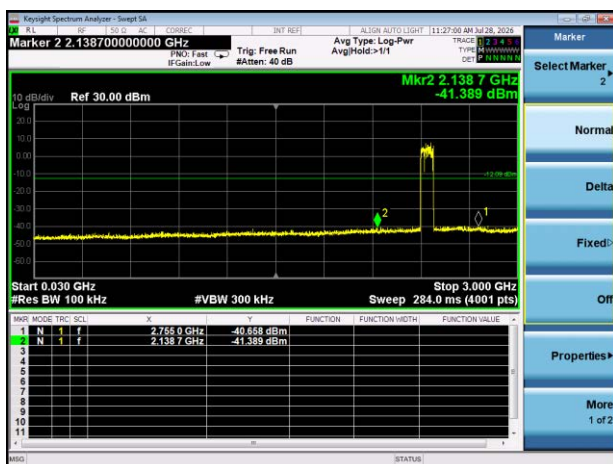
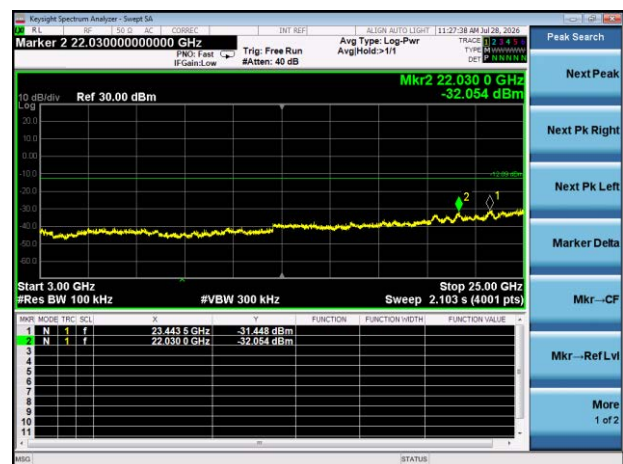
8-DPSK HOPPING, CARRIER LEVEL



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

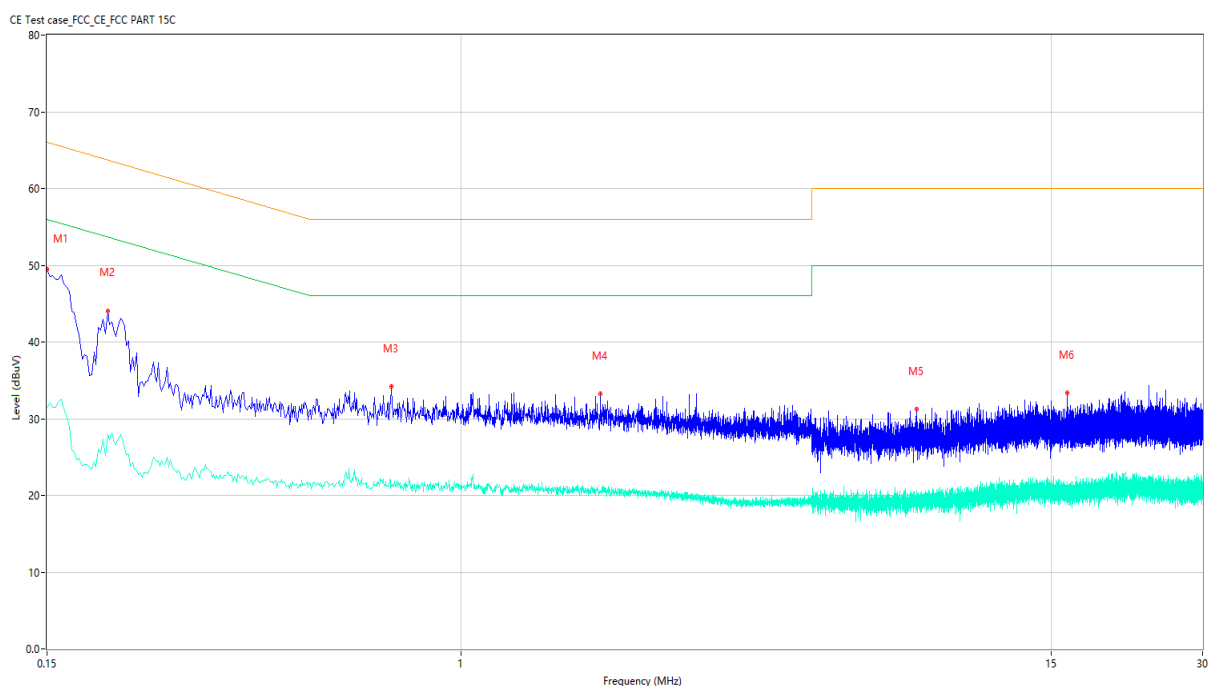
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

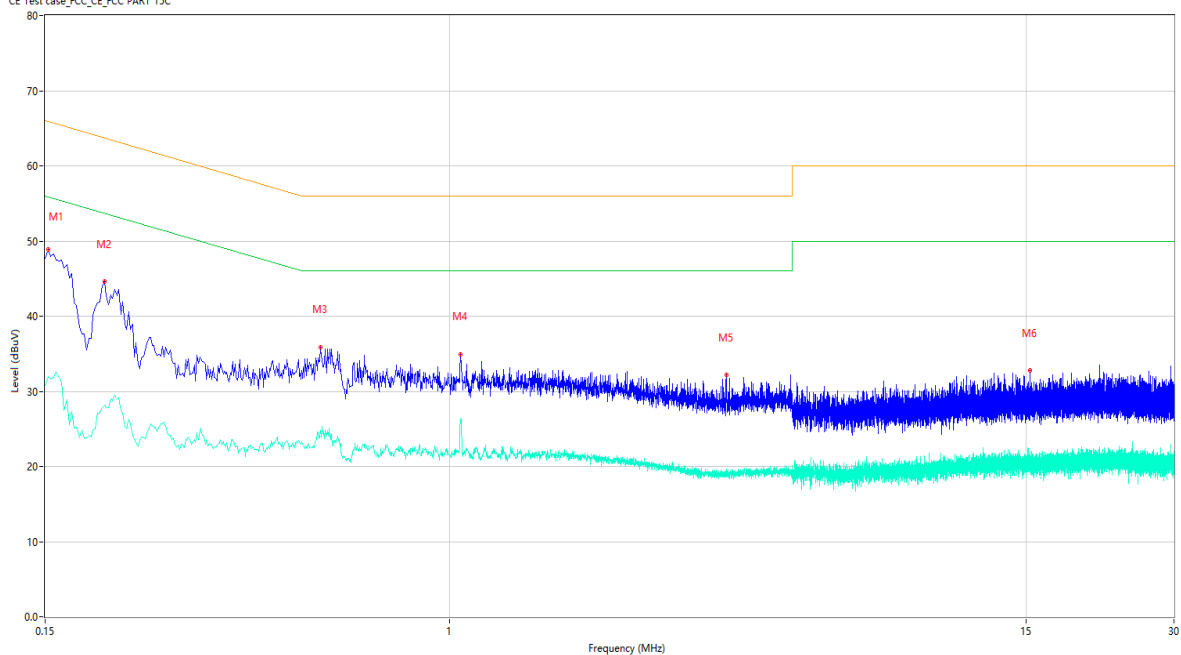
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	49.46	10.21	66.00	16.54	Peak	L	Pass
1**	0.150	31.53	10.21	56.00	24.47	AV	L	Pass
2	0.198	44.07	10.21	63.69	19.62	Peak	L	Pass
2**	0.198	27.94	10.21	53.69	25.75	AV	L	Pass
3	0.728	34.19	10.26	56.00	21.81	Peak	L	Pass
3**	0.728	21.34	10.26	46.00	24.66	AV	L	Pass
4	1.898	33.28	10.30	56.00	22.72	Peak	L	Pass
4**	1.898	20.31	10.30	46.00	25.69	AV	L	Pass
5	8.074	31.26	10.42	60.00	28.74	Peak	L	Pass
5**	8.074	20.57	10.42	50.00	29.43	AV	L	Pass
6	16.140	33.40	10.93	60.00	26.60	Peak	L	Pass
6**	16.140	21.79	10.93	50.00	28.21	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	0.152	48.91	10.22	65.89	16.98	Peak	N	Pass
1**	0.152	31.94	10.22	55.89	23.95	AV	N	Pass
2	0.198	44.64	10.18	63.69	19.05	Peak	N	Pass
2**	0.198	28.15	10.18	53.69	25.54	AV	N	Pass
3	0.546	35.91	10.13	56.00	20.09	Peak	N	Pass
3**	0.546	24.90	10.13	46.00	21.10	AV	N	Pass
4	1.054	34.94	10.14	56.00	21.06	Peak	N	Pass
4**	1.054	26.38	10.14	46.00	19.62	AV	N	Pass
5	3.668	32.19	10.18	56.00	23.81	Peak	N	Pass
5**	3.668	19.61	10.18	46.00	26.39	AV	N	Pass
6	15.258	32.75	10.66	60.00	27.25	Peak	N	Pass
6**	15.258	21.41	10.66	50.00	28.59	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, 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.

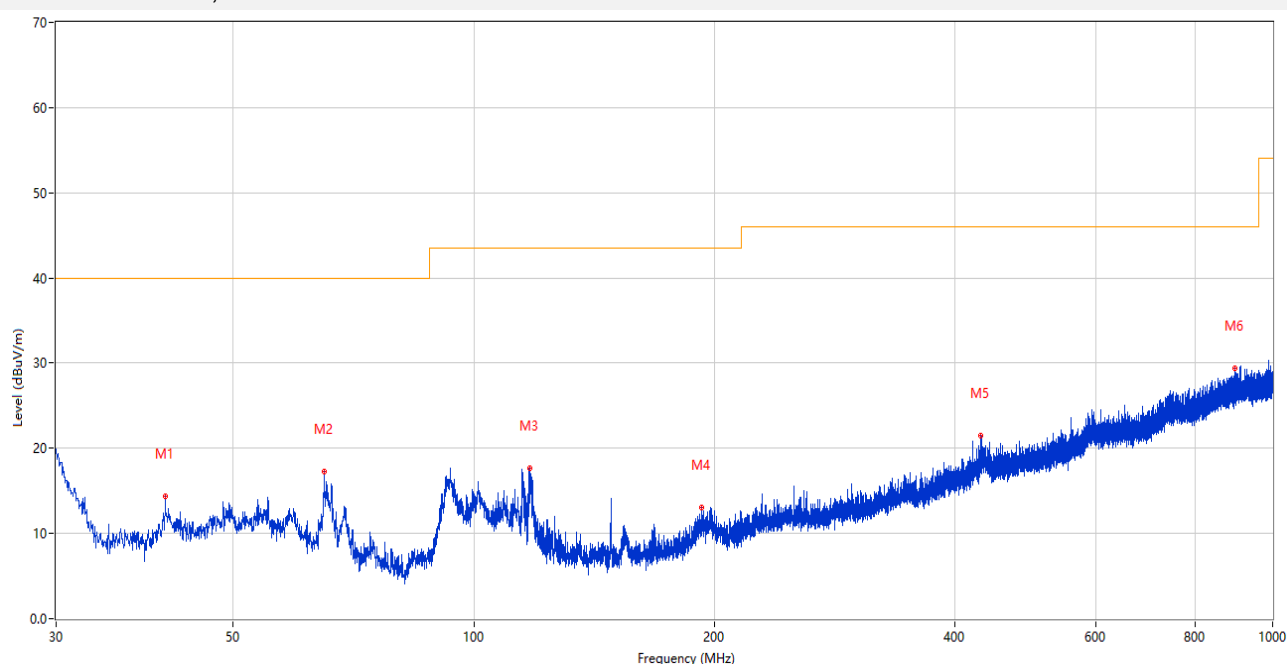
Note 4: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

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.

Test Data and Plots

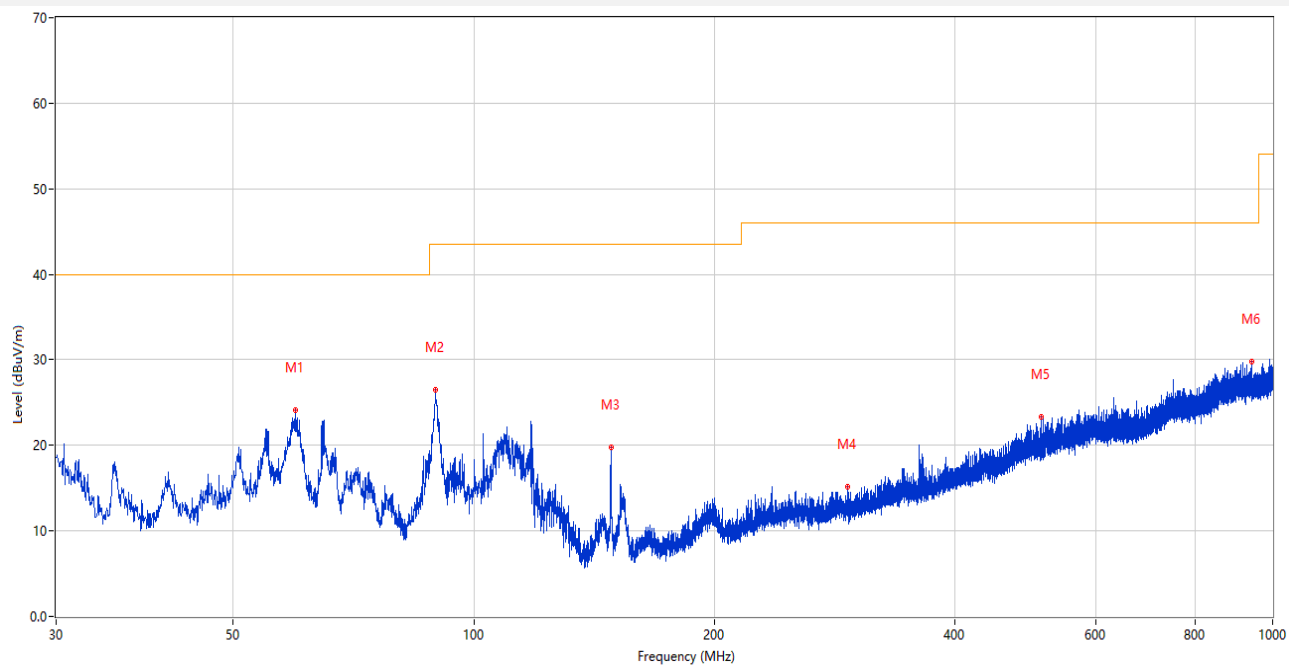
Main Antenna:

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	41.106	14.37	-25.66	40.0	25.63	Peak	193.00	100	Horizontal	Pass
2	64.920	17.24	-27.47	40.0	22.76	Peak	360.00	100	Horizontal	Pass
3	117.543	17.64	-27.95	43.5	25.86	Peak	246.00	100	Horizontal	Pass
4	192.718	13.10	-26.35	43.5	30.40	Peak	181.00	200	Horizontal	Pass
5	431.580	21.51	-20.18	46.0	24.49	Peak	246.00	200	Horizontal	Pass
6	897.471	29.39	-10.26	46.0	16.61	Peak	360.00	100	Horizontal	Pass

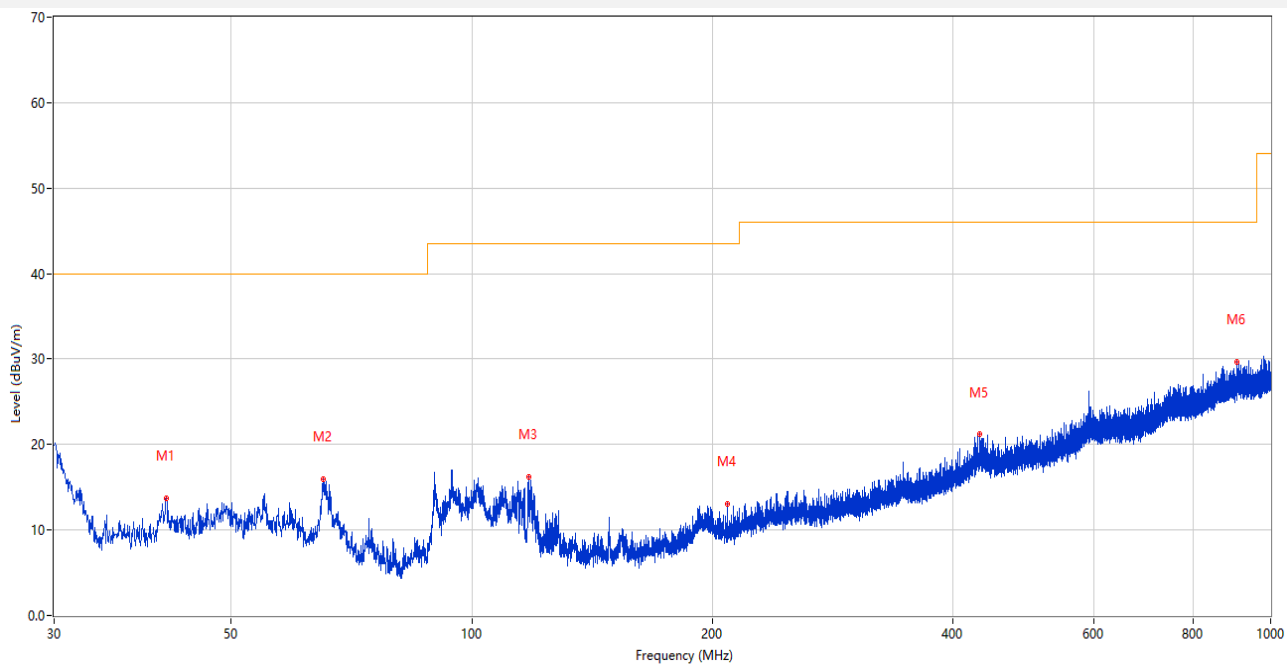
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.876	24.15	-26.15	40.0	15.85	Peak	359.00	100	Vertical	Pass
2	89.558	26.53	-28.37	43.5	16.97	Peak	59.00	200	Vertical	Pass
3	148.486	19.78	-29.82	43.5	23.72	Peak	292.00	100	Vertical	Pass
4	293.598	15.19	-23.73	46.0	30.81	Peak	167.00	200	Vertical	Pass
5	513.836	23.29	-18.22	46.0	22.71	Peak	95.00	100	Vertical	Pass
6	940.442	29.84	-9.81	46.0	16.16	Peak	0.00	100	Vertical	Pass

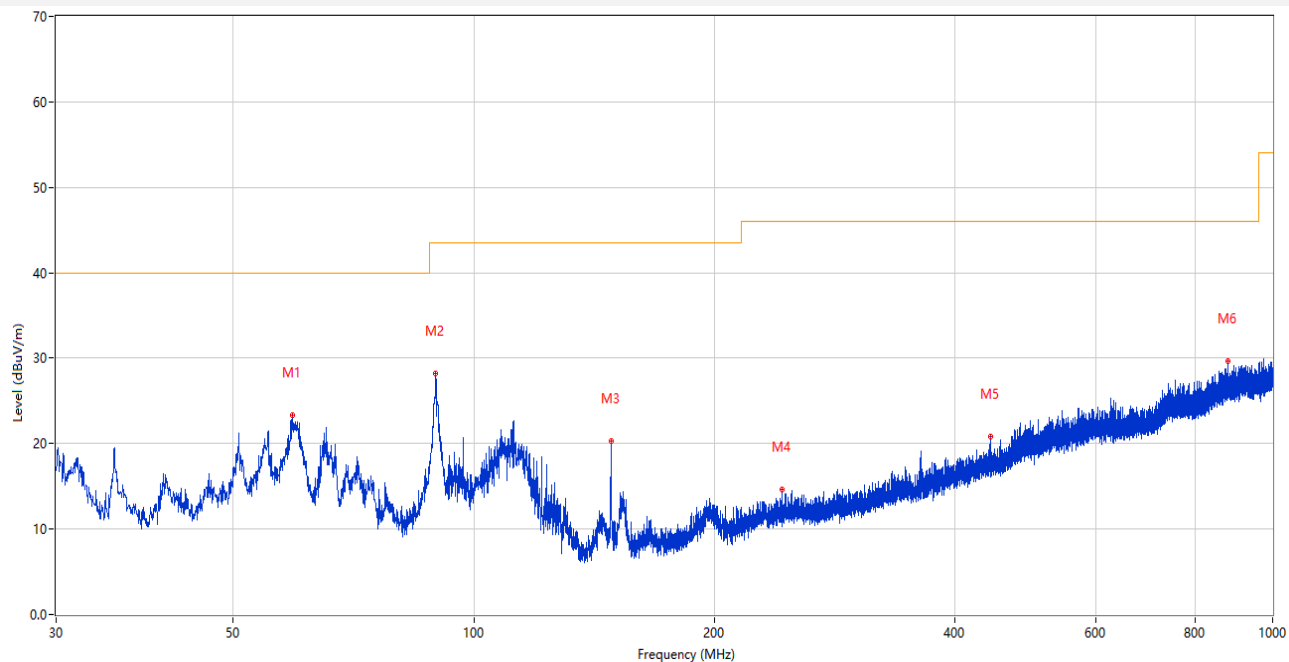
Aux. Antenna:

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	41.446	13.78	-25.57	40.0	26.22	Peak	124.00	100	Horizontal	Pass
2	65.162	15.97	-27.55	40.0	24.03	Peak	318.00	100	Horizontal	Pass
3	117.737	16.18	-27.97	43.5	27.32	Peak	225.00	100	Horizontal	Pass
4	208.965	13.02	-26.67	43.5	30.48	Peak	0.00	200	Horizontal	Pass
5	432.356	21.16	-20.18	46.0	24.84	Peak	112.00	100	Horizontal	Pass
6	906.201	29.68	-9.86	46.0	16.32	Peak	38.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.343	23.36	-26.03	40.0	16.64	Peak	332.00	100	Vertical	Pass
2	89.655	28.16	-28.34	43.5	15.34	Peak	360.00	100	Vertical	Pass
3	148.486	20.31	-29.82	43.5	23.19	Peak	228.00	200	Vertical	Pass
4	243.303	14.62	-24.60	46.0	31.38	Peak	265.00	100	Vertical	Pass
5	443.366	20.78	-20.02	46.0	25.22	Peak	108.00	200	Vertical	Pass
6	878.993	29.63	-10.60	46.0	16.37	Peak	277.00	100	Vertical	Pass

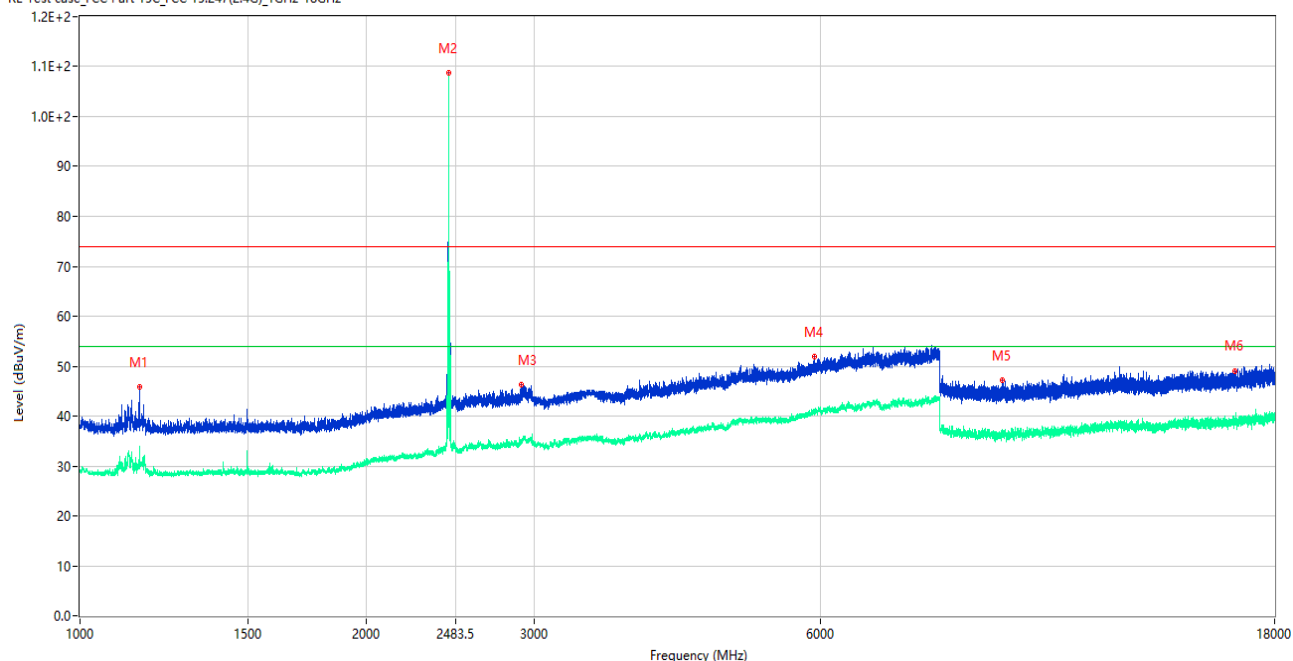
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

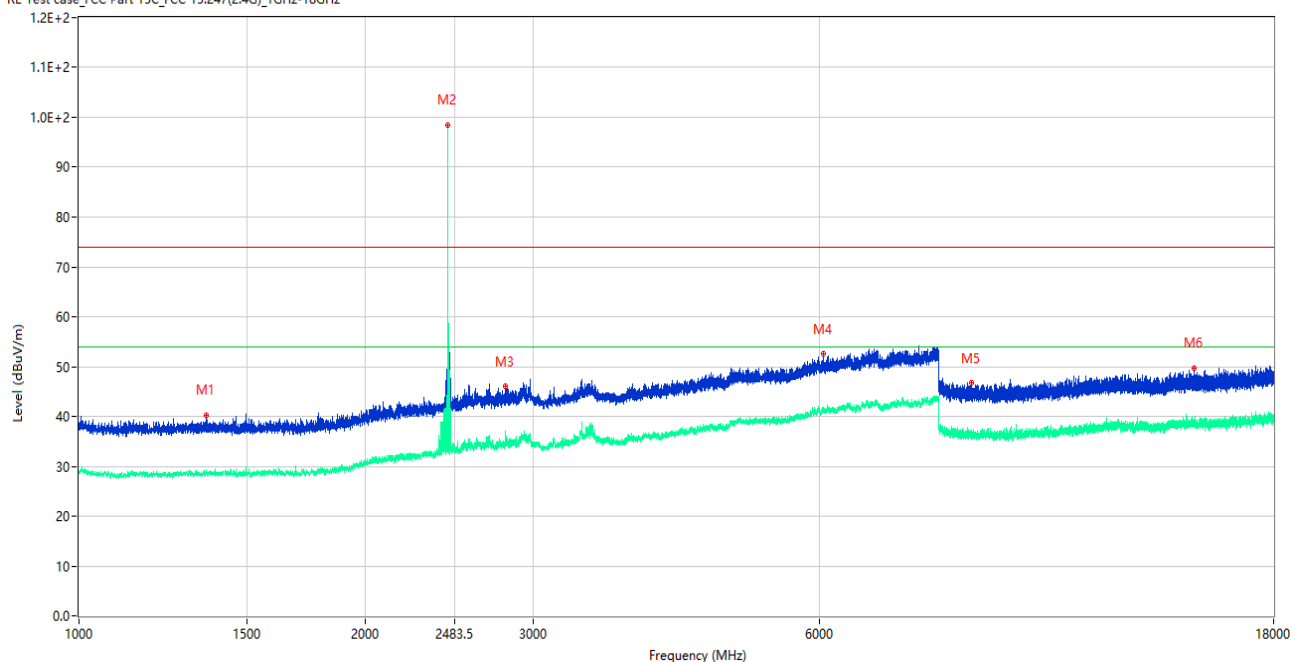
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.000	45.75	-15.63	74.0	28.25	Peak	176.00	150	Horizontal	Pass
1**	1154.000	31.13	-15.63	54.0	22.87	AV	176.00	150	Horizontal	Pass
2	2440.750	108.79	-12.38	74.0	-34.79	Peak	54.00	150	Horizontal	N/A
2**	2440.750	105.42	-12.38	54.0	-51.42	AV	54.00	150	Horizontal	N/A
3	2910.500	46.23	-9.31	74.0	27.77	Peak	41.00	150	Horizontal	Pass
3**	2910.500	34.78	-9.31	54.0	19.22	AV	41.00	150	Horizontal	Pass
4	5908.500	51.81	-0.31	74.0	22.19	Peak	45.00	150	Horizontal	Pass
4**	5908.500	40.89	-0.31	54.0	13.11	AV	45.00	150	Horizontal	Pass
5	9310.500	47.13	-5.48	74.0	26.87	Peak	182.00	150	Horizontal	Pass
5**	9310.500	36.33	-5.48	54.0	17.67	AV	182.00	150	Horizontal	Pass
6	16350.000	49.09	-1.04	74.0	24.91	Peak	9.00	150	Horizontal	Pass
6**	16350.000	38.99	-1.04	54.0	15.01	AV	9.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

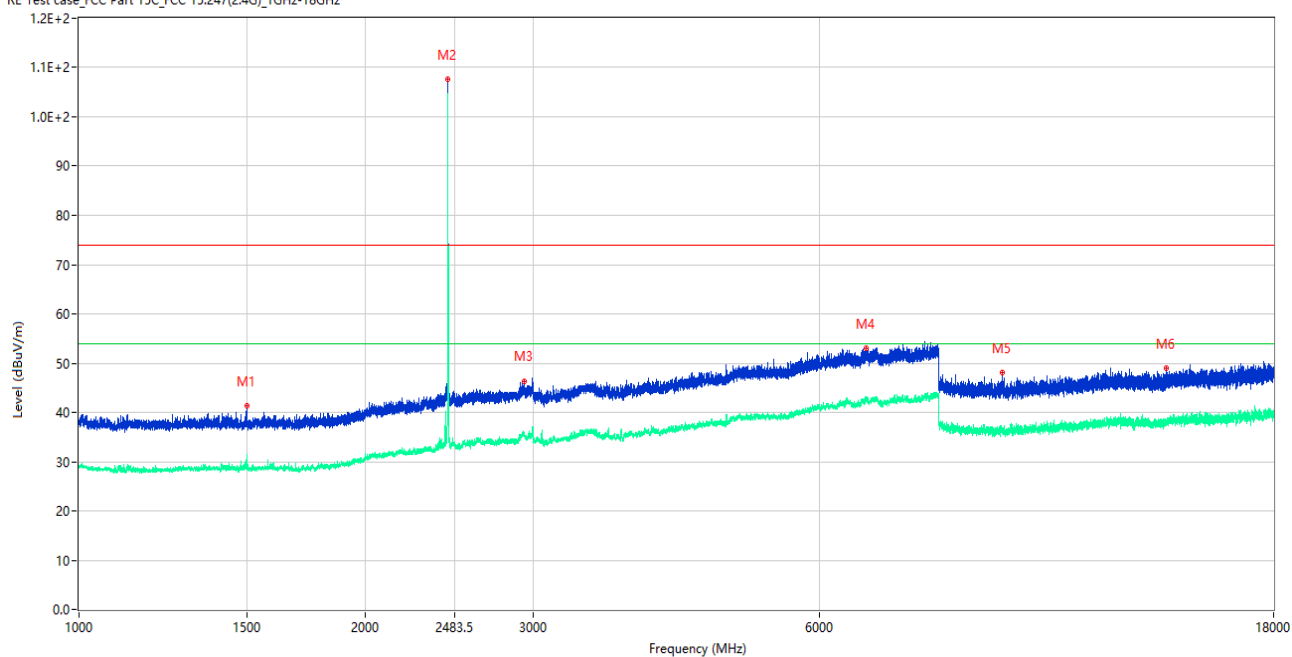
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1360.750	40.30	-15.85	74.0	33.70	Peak	84.00	150	Vertical	Pass
1**	1360.750	28.59	-15.85	54.0	25.41	AV	84.00	150	Vertical	Pass
2	2441.250	98.52	-12.40	74.0	-24.52	Peak	358.00	150	Vertical	N/A
2**	2441.250	98.01	-12.40	54.0	-44.01	AV	358.00	150	Vertical	N/A
3	2807.500	46.09	-10.06	74.0	27.91	Peak	268.00	150	Vertical	Pass
3**	2807.500	36.87	-10.06	54.0	17.13	AV	268.00	150	Vertical	Pass
4	6049.000	52.63	-0.40	74.0	21.37	Peak	339.00	150	Vertical	Pass
4**	6049.000	41.32	-0.40	54.0	12.68	AV	339.00	150	Vertical	Pass
5	8659.500	46.79	-5.57	74.0	27.21	Peak	0.00	150	Vertical	Pass
5**	8659.500	36.61	-5.57	54.0	17.39	AV	0.00	150	Vertical	Pass
6	14851.500	49.76	-0.71	74.0	24.24	Peak	328.00	150	Vertical	Pass
6**	14851.500	38.98	-0.71	54.0	15.02	AV	328.00	150	Vertical	Pass

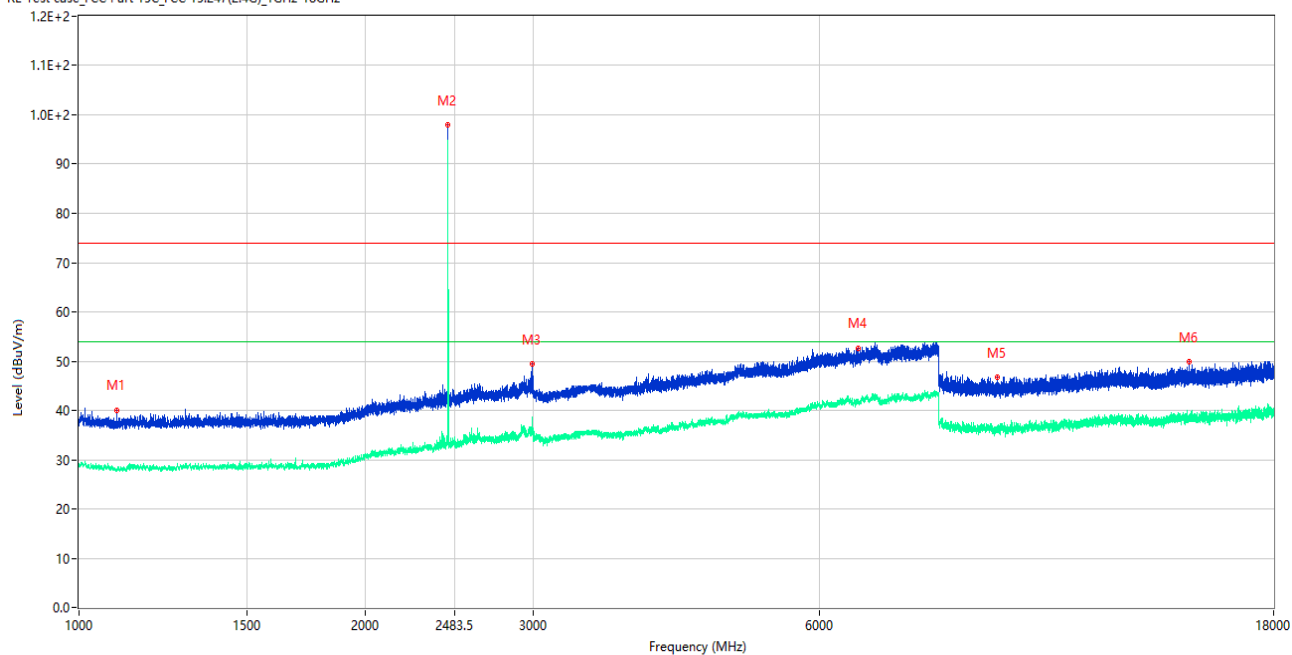
8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

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	1500.500	41.36	-16.13	74.0	32.64	Peak	210.00	150	Horizontal	Pass
1**	1500.500	28.59	-16.13	54.0	25.41	AV	210.00	150	Horizontal	Pass
2	2441.250	107.65	-12.40	74.0	-33.65	Peak	29.00	150	Horizontal	N/A
2**	2441.250	104.71	-12.40	54.0	-50.71	AV	29.00	150	Horizontal	N/A
3	2934.500	46.19	-8.08	74.0	27.81	Peak	170.00	150	Horizontal	Pass
3**	2934.500	35.35	-8.08	54.0	18.65	AV	170.00	150	Horizontal	Pass
4	6722.000	52.93	0.54	74.0	21.07	Peak	351.00	150	Horizontal	Pass
4**	6722.000	42.55	0.54	54.0	11.45	AV	351.00	150	Horizontal	Pass
5	9332.000	48.00	-5.02	74.0	26.00	Peak	39.00	150	Horizontal	Pass
5**	9332.000	36.45	-5.02	54.0	17.55	AV	39.00	150	Horizontal	Pass
6	13891.500	48.93	-2.93	74.0	25.07	Peak	130.00	150	Horizontal	Pass
6**	13891.500	37.87	-2.93	54.0	16.13	AV	130.00	150	Horizontal	Pass

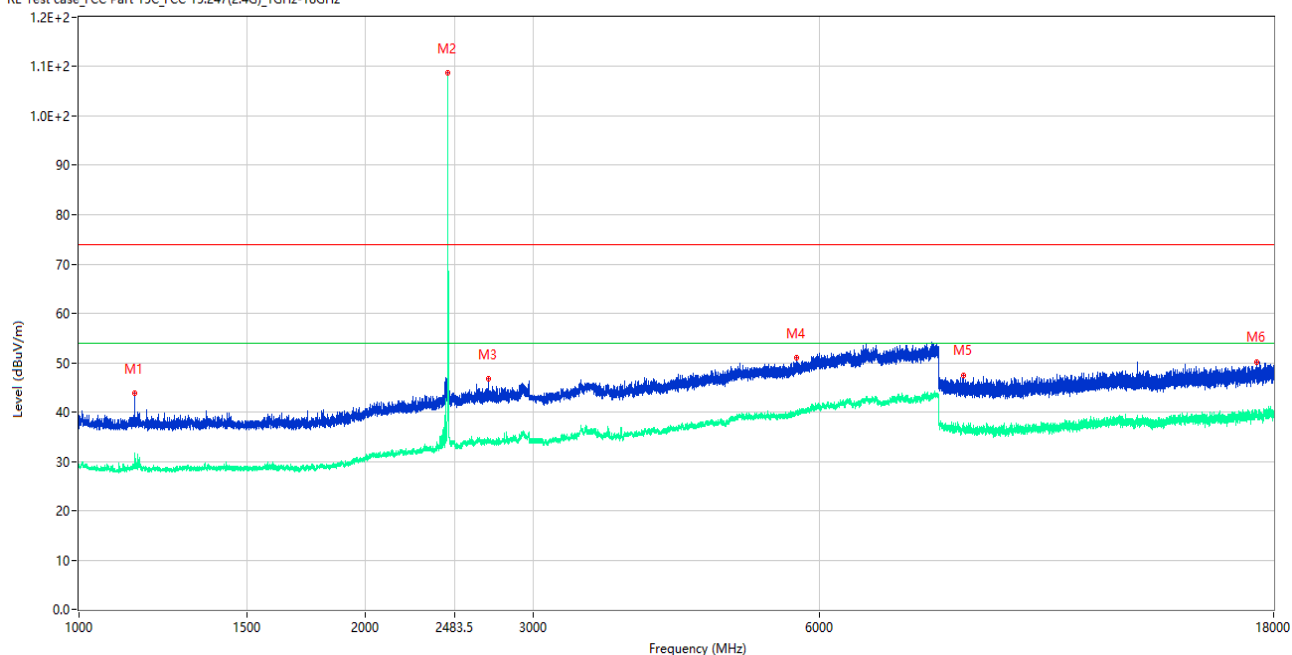
RE Test case FCC Part 15C FCC 15.247(2.4G) 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1095.750	39.97	-15.79	74.0	34.03	Peak	322.00	150	Vertical	Pass
1**	1095.750	27.56	-15.79	54.0	26.44	AV	322.00	150	Vertical	Pass
2	2441.000	98.02	-12.39	74.0	-24.02	Peak	141.00	150	Vertical	N/A
2**	2441.000	94.10	-12.39	54.0	-40.10	AV	141.00	150	Vertical	N/A
3	2994.250	49.35	-8.93	74.0	24.65	Peak	312.00	150	Vertical	Pass
3**	2994.250	35.44	-8.93	54.0	18.56	AV	312.00	150	Vertical	Pass
4	6584.500	52.67	-0.34	74.0	21.33	Peak	228.00	150	Vertical	Pass
4**	6584.500	41.75	-0.34	54.0	12.25	AV	228.00	150	Vertical	Pass
5	9232.000	46.81	-5.61	74.0	27.19	Peak	360.00	150	Vertical	Pass
5**	9232.000	36.17	-5.61	54.0	17.83	AV	360.00	150	Vertical	Pass
6	14660.000	49.85	-2.36	74.0	24.15	Peak	0.00	150	Vertical	Pass
6**	14660.000	38.28	-2.36	54.0	15.72	AV	0.00	150	Vertical	Pass

Aux. Antenna:**GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H**

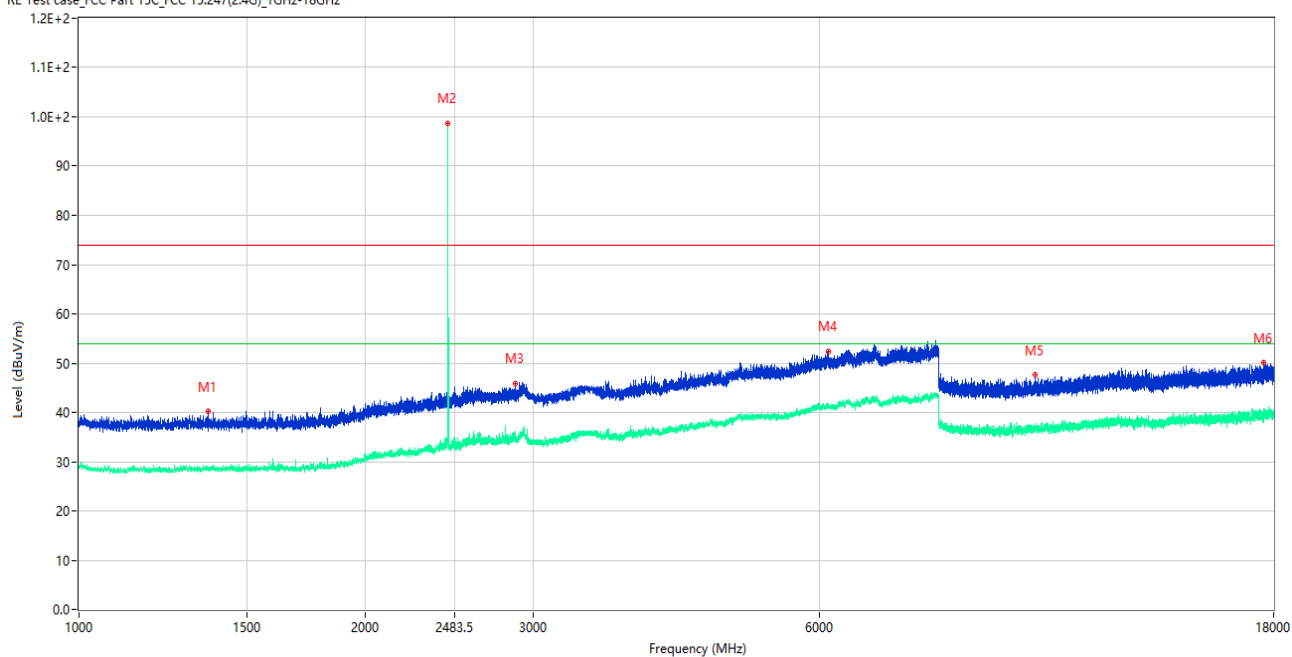
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.500	43.74	-15.61	74.0	30.26	Peak	345.00	150	Horizontal	Pass
1**	1144.500	31.07	-15.61	54.0	22.93	AV	345.00	150	Horizontal	Pass
2	2441.000	108.74	-12.39	74.0	-34.74	Peak	51.00	150	Horizontal	N/A
2**	2441.000	107.44	-12.39	54.0	-53.44	AV	51.00	150	Horizontal	N/A
3	2694.250	46.67	-10.60	74.0	27.33	Peak	176.00	150	Horizontal	Pass
3**	2694.250	34.64	-10.60	54.0	19.36	AV	176.00	150	Horizontal	Pass
4	5680.500	50.94	-2.05	74.0	23.06	Peak	187.00	150	Horizontal	Pass
4**	5680.500	39.90	-2.05	54.0	14.10	AV	187.00	150	Horizontal	Pass
5	8490.500	47.49	-4.73	74.0	26.51	Peak	233.00	150	Horizontal	Pass
5**	8490.500	36.82	-4.73	54.0	17.18	AV	233.00	150	Horizontal	Pass
6	17275.001	50.22	-0.94	74.0	23.78	Peak	233.00	150	Horizontal	Pass
6**	17275.001	39.65	-0.94	54.0	14.35	AV	233.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

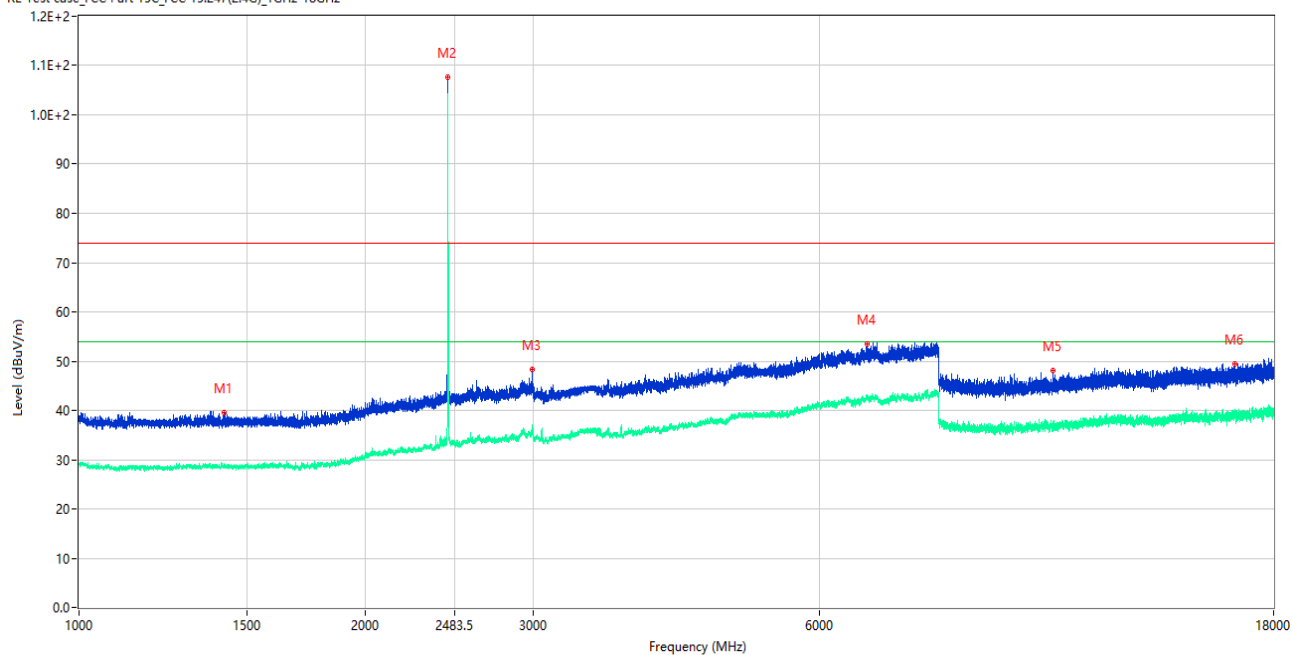
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1367.500	40.25	-15.88	74.0	33.75	Peak	209.00	150	Vertical	Pass
1**	1367.500	28.32	-15.88	54.0	25.68	AV	209.00	150	Vertical	Pass
2	2441.250	98.71	-12.40	74.0	-24.71	Peak	360.00	150	Vertical	N/A
2**	2441.250	98.14	-12.40	54.0	-44.14	AV	360.00	150	Vertical	N/A
3	2875.250	45.82	-9.83	74.0	28.18	Peak	294.00	150	Vertical	Pass
3**	2875.250	34.53	-9.83	54.0	19.47	AV	294.00	150	Vertical	Pass
4	6124.000	52.29	-0.09	74.0	21.71	Peak	0.00	150	Vertical	Pass
4**	6124.000	41.05	-0.09	54.0	12.95	AV	0.00	150	Vertical	Pass
5	10114.500	47.65	-3.90	74.0	26.35	Peak	291.00	150	Vertical	Pass
5**	10114.500	37.02	-3.90	54.0	16.98	AV	291.00	150	Vertical	Pass
6	17586.999	50.03	0.57	74.0	23.97	Peak	291.00	150	Vertical	Pass
6**	17586.999	39.61	0.57	54.0	14.39	AV	291.00	150	Vertical	Pass

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

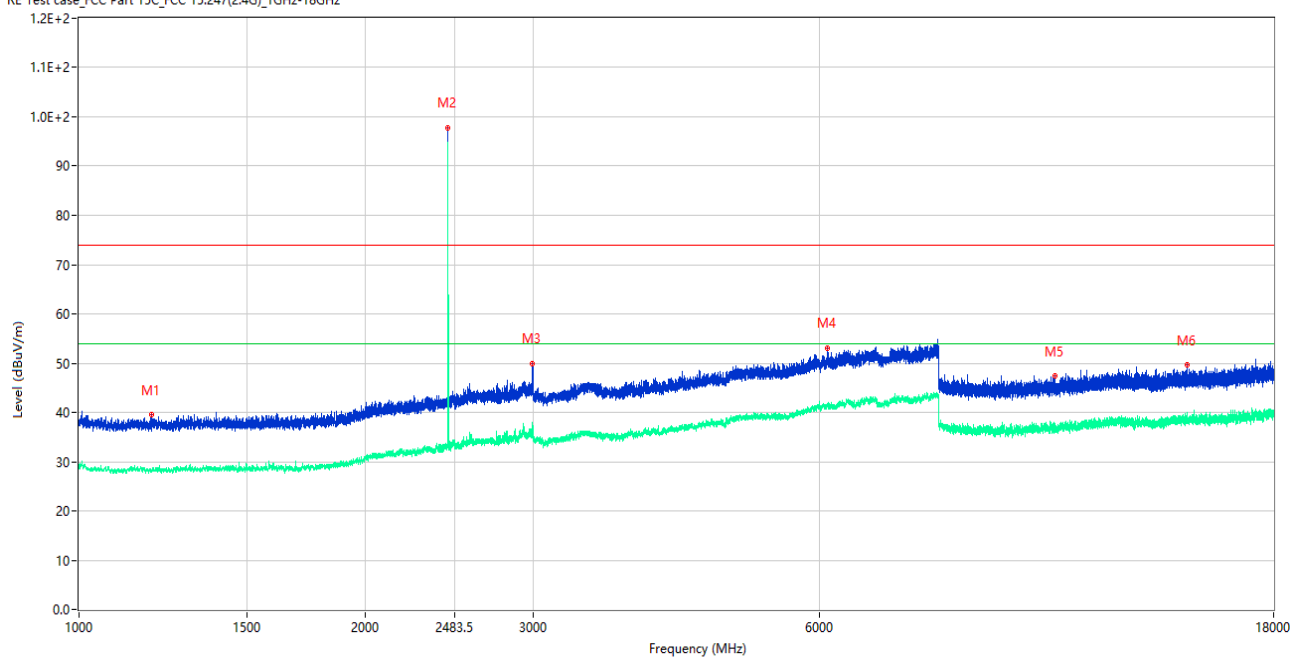
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1421.500	39.54	-15.94	74.0	34.46	Peak	9.00	150	Horizontal	Pass
1**	1421.500	28.61	-15.94	54.0	25.39	AV	9.00	150	Horizontal	Pass
2	2441.000	107.66	-12.39	74.0	-33.66	Peak	33.00	150	Horizontal	N/A
2**	2441.000	103.87	-12.39	54.0	-49.87	AV	33.00	150	Horizontal	N/A
3	2996.750	48.24	-8.79	74.0	25.76	Peak	246.00	150	Horizontal	Pass
3**	2996.750	35.97	-8.79	54.0	18.03	AV	246.00	150	Horizontal	Pass
4	6738.500	53.43	0.70	74.0	20.57	Peak	48.00	150	Horizontal	Pass
4**	6738.500	42.32	0.70	54.0	11.68	AV	48.00	150	Horizontal	Pass
5	10562.500	48.13	-3.28	74.0	25.87	Peak	235.00	150	Horizontal	Pass
5**	10562.500	36.63	-3.28	54.0	17.37	AV	235.00	150	Horizontal	Pass
6	16382.000	49.48	-1.29	74.0	24.52	Peak	350.00	150	Horizontal	Pass
6**	16382.000	38.85	-1.29	54.0	15.15	AV	350.00	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	1192.500	39.48	-15.81	74.0	34.52	Peak	158.00	150	Vertical	Pass
1**	1192.500	28.07	-15.81	54.0	25.93	AV	158.00	150	Vertical	Pass
2	2441.000	97.83	-12.39	74.0	-23.83	Peak	133.00	150	Vertical	N/A
2**	2441.000	93.88	-12.39	54.0	-39.88	AV	133.00	150	Vertical	N/A
3	2996.750	49.95	-8.79	74.0	24.05	Peak	154.00	150	Vertical	Pass
3**	2996.750	35.83	-8.79	54.0	18.17	AV	154.00	150	Vertical	Pass
4	6120.000	53.12	-0.10	74.0	20.88	Peak	113.00	150	Vertical	Pass
4**	6120.000	41.67	-0.10	54.0	12.33	AV	113.00	150	Vertical	Pass
5	10609.500	47.45	-3.86	74.0	26.55	Peak	360.00	150	Vertical	Pass
5**	10609.500	36.54	-3.86	54.0	17.46	AV	360.00	150	Vertical	Pass
6	14608.000	49.60	-2.83	74.0	24.40	Peak	0.00	150	Vertical	Pass
6**	14608.000	39.00	-2.83	54.0	15.00	AV	0.00	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, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Test Data and Plots

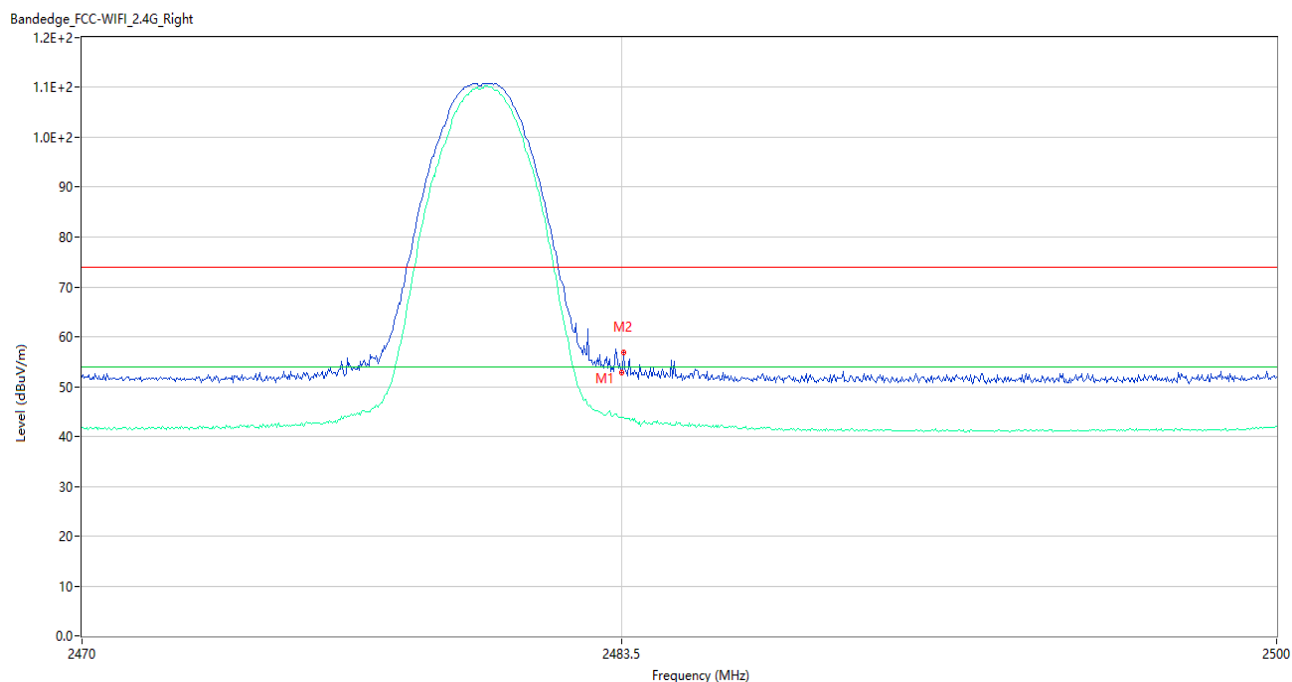
Main Antenna:

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	51.22	-4.87	74.0	22.78	Peak	236.75	150	Horizontal	Pass
1**	2390.000	40.73	-4.87	54.0	13.27	AV	236.75	150	Horizontal	Pass
2	2362.000	52.20	-4.86	74.0	21.80	Peak	17.00	150	Horizontal	Pass
2**	2362.000	40.29	-4.86	54.0	13.71	AV	17.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



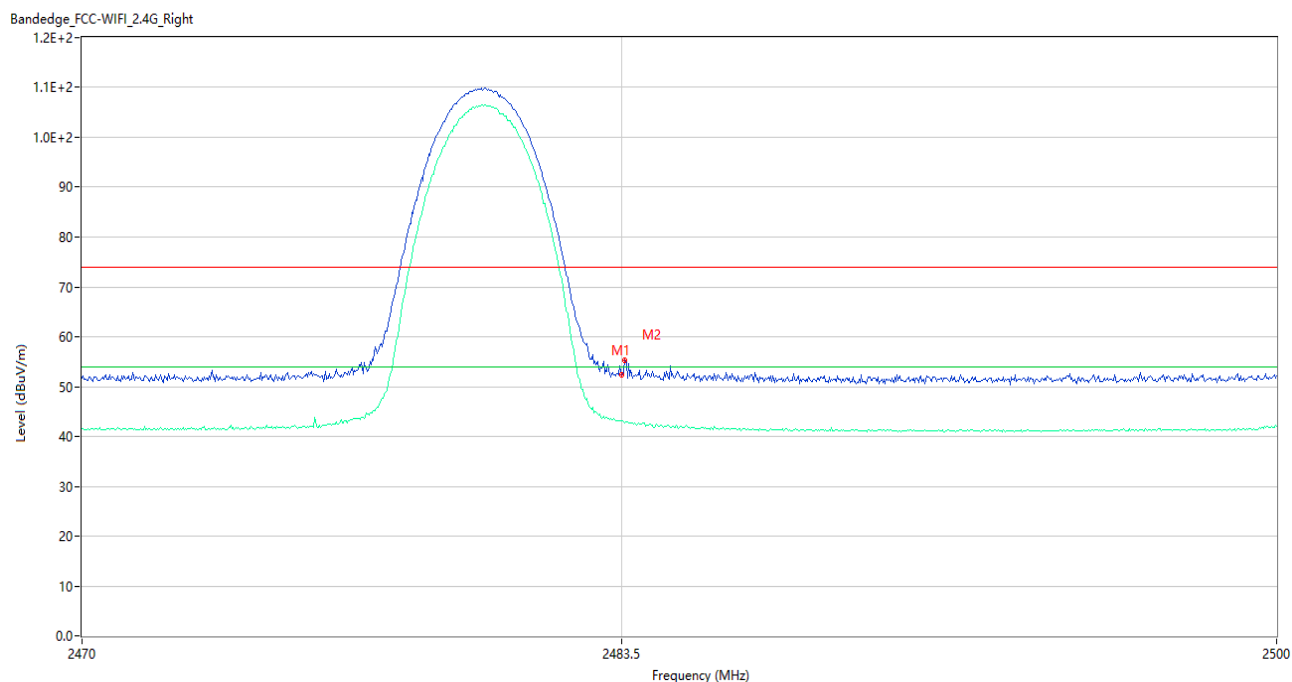
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.77	-3.78	74.0	21.23	Peak	25.00	150	Horizontal	Pass
1**	2483.500	43.82	-3.78	54.0	10.18	AV	25.00	150	Horizontal	Pass
2	2483.560	56.76	-3.78	74.0	17.24	Peak	103.00	150	Horizontal	Pass
2**	2483.560	43.81	-3.78	54.0	10.19	AV	103.00	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	50.56	-4.87	74.0	23.44	Peak	265.87	150	Vertical	Pass
1**	2390.000	40.52	-4.87	54.0	13.48	AV	265.87	150	Vertical	Pass
2	2378.400	52.75	-4.26	74.0	21.25	Peak	0.00	150	Vertical	Pass
2**	2378.400	40.72	-4.26	54.0	13.28	AV	0.00	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	52.44	-3.78	74.0	21.56	Peak	20.00	150	Horizontal	Pass
1**	2483.500	43.10	-3.78	54.0	10.90	AV	20.00	150	Horizontal	Pass
2	2483.590	55.35	-3.78	74.0	18.65	Peak	20.00	150	Horizontal	Pass
2**	2483.590	42.68	-3.78	54.0	11.32	AV	20.00	150	Horizontal	Pass

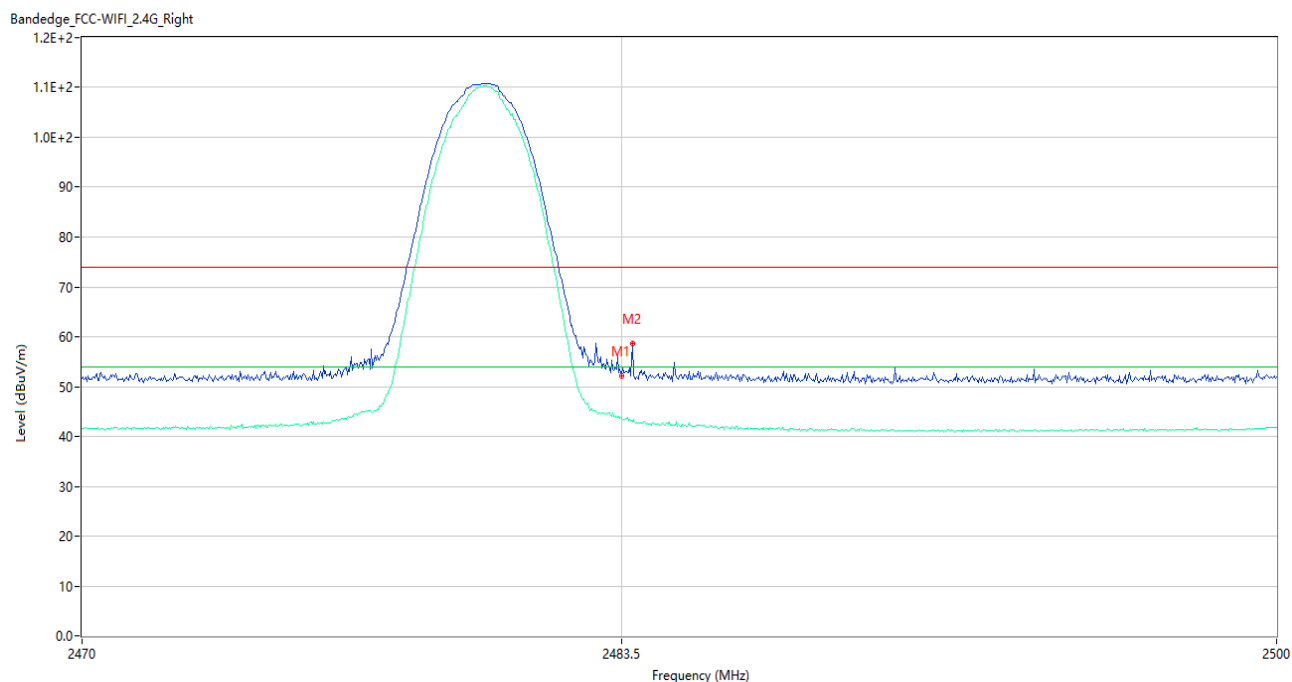
Aux. Antenna:

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	51.69	-4.87	74.0	22.31	Peak	10.04	150	Vertical	Pass
1**	2390.000	40.72	-4.87	54.0	13.28	AV	10.04	150	Vertical	Pass
2	2376.200	52.90	-4.19	74.0	21.10	Peak	117.00	150	Vertical	Pass
2**	2376.200	40.61	-4.19	54.0	13.39	AV	117.00	150	Vertical	Pass

GFSK HIGH CHANNEL



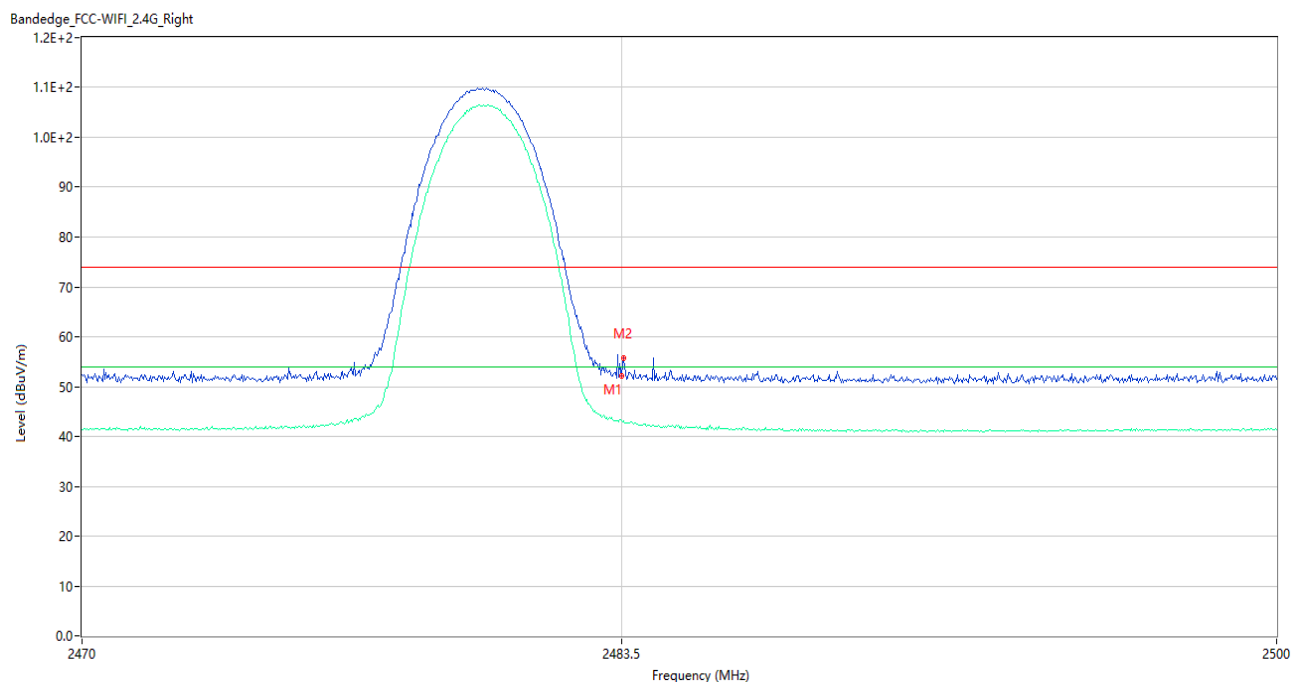
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.02	-3.78	74.0	21.98	Peak	38.00	150	Horizontal	Pass
1**	2483.500	43.89	-3.78	54.0	10.11	AV	38.00	150	Horizontal	Pass
2	2483.770	58.57	-3.78	74.0	15.43	Peak	7.00	150	Horizontal	Pass
2**	2483.770	43.01	-3.78	54.0	10.99	AV	7.00	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	50.40	-4.87	74.0	23.60	Peak	7.22	150	Horizontal	Pass
1**	2390.000	40.65	-4.87	54.0	13.35	AV	7.22	150	Horizontal	Pass
2	2366.900	53.30	-4.34	74.0	20.70	Peak	68.00	150	Horizontal	Pass
2**	2366.900	41.07	-4.34	54.0	12.93	AV	68.00	150	Horizontal	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	52.07	-3.78	74.0	21.93	Peak	0.00	150	Horizontal	Pass
1**	2483.500	43.13	-3.78	54.0	10.87	AV	0.00	150	Horizontal	Pass
2	2483.560	55.67	-3.78	74.0	18.33	Peak	12.00	150	Horizontal	Pass
2**	2483.560	43.09	-3.78	54.0	10.91	AV	12.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26060694-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26060694-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26060694-AI.PDF”.

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--END OF REPORT--