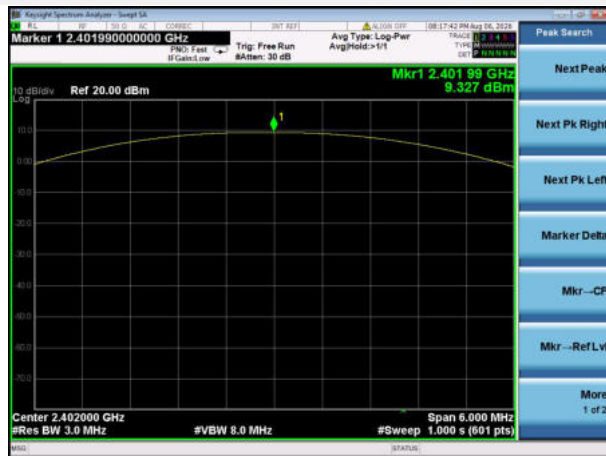


Test Plots

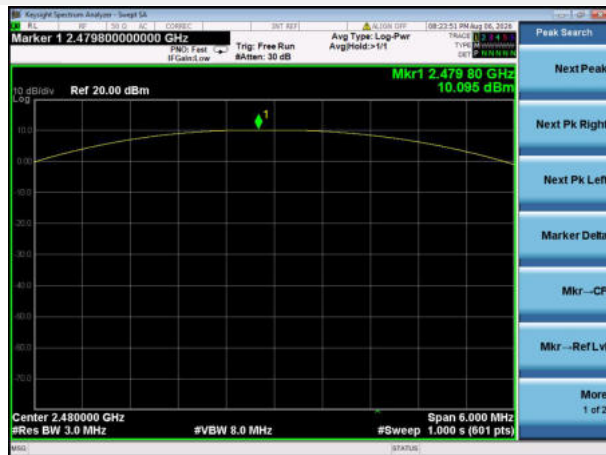
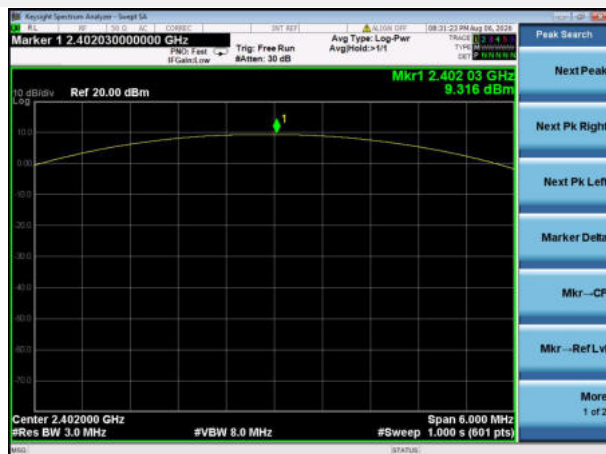
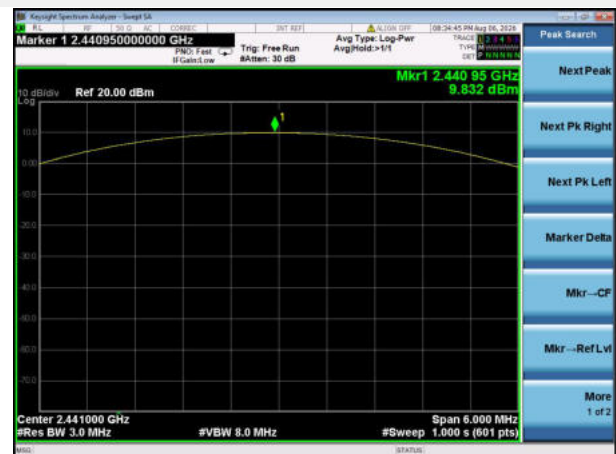
GFSK LOW CHANNEL



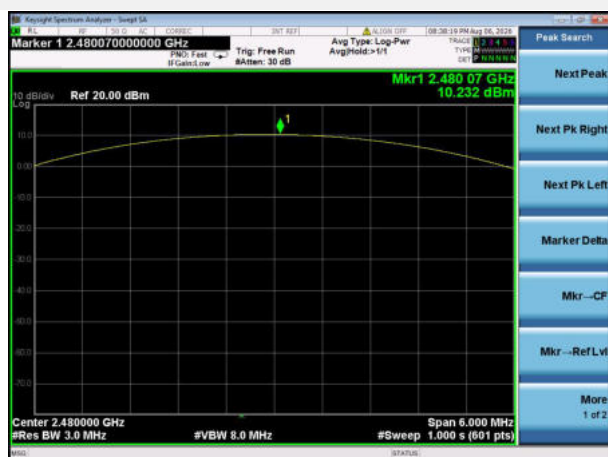
GFSK MIDDLE CHANNEL



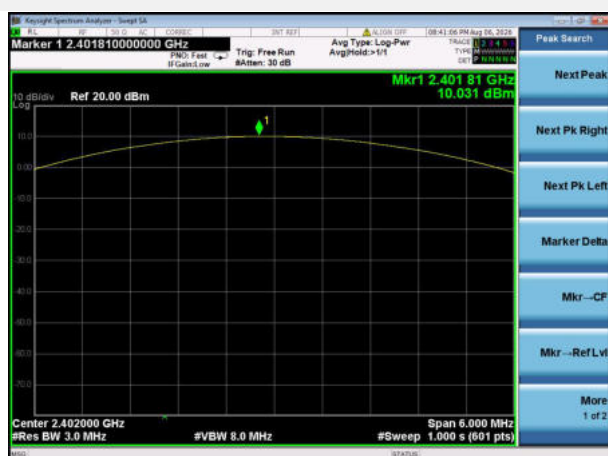
GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK LOW CHANNEL $\pi/4$ -DQPSK MIDDLE CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



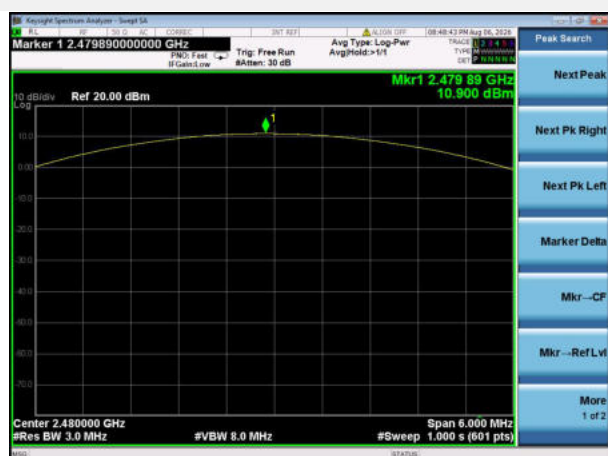
8DPSK LOW CHANNEL



8DPSK MIDDLE CHANNEL



8DPSK HIGH CHANNEL



A.3 20 dB and 99% bandwidth

Test Data

GFSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	0.960000	0.880550
Middle	0.967500	0.880190
High	0.960000	0.875280
$\pi/4$ -DQPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.342300	1.190100
Middle	1.342300	1.189900
High	1.342300	1.191000
8DPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.312500	1.187700
Middle	1.312500	1.188100
High	1.320100	1.187900

$\pi/4$ -DQPSK HIGH CHANNEL



8DPSK LOW CHANNEL



8DPSK MIDDLE CHANNEL



8DPSK HIGH CHANNEL



99% Bandwidth

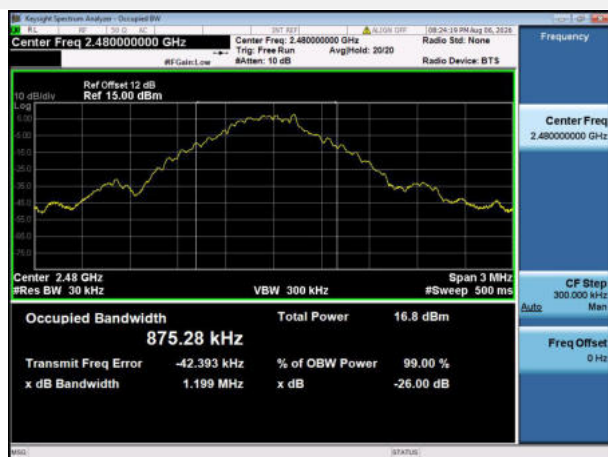
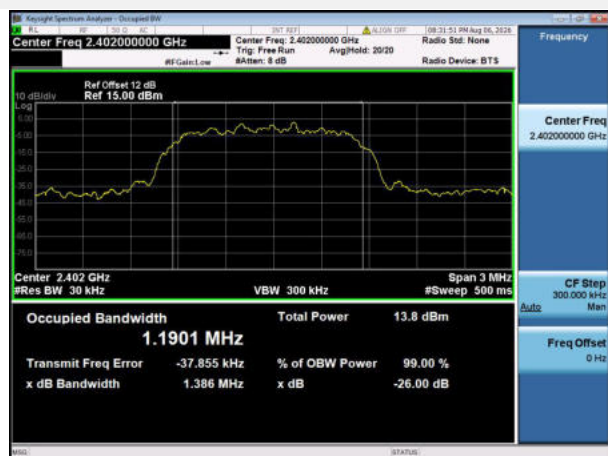
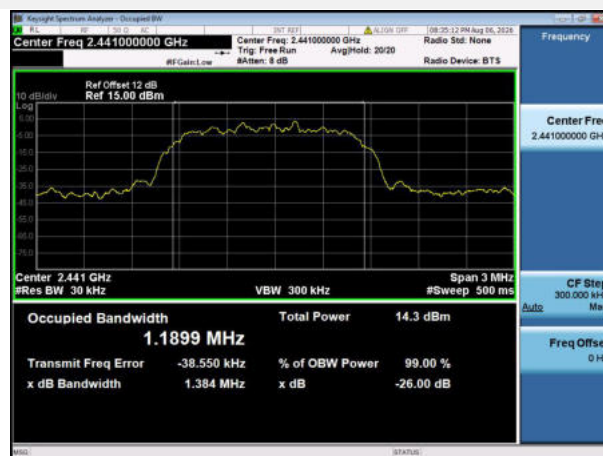
GFSK LOW CHANNEL



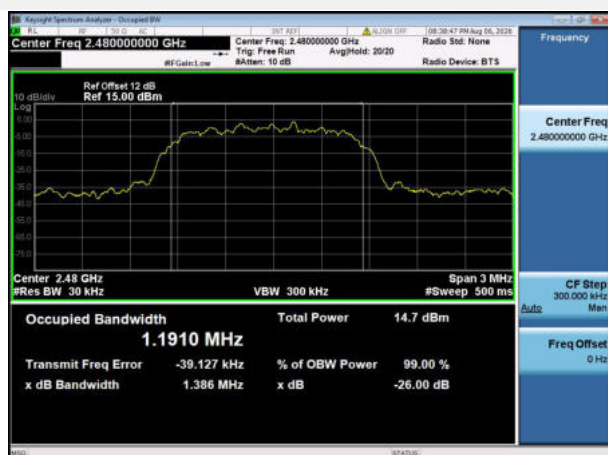
GFSK MIDDLE CHANNEL



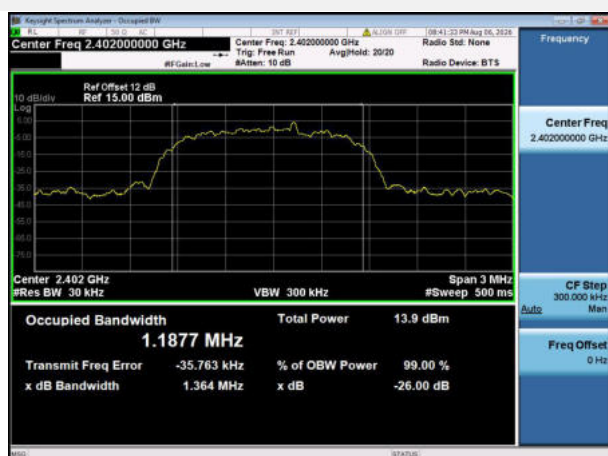
GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK LOW CHANNEL $\pi/4$ -DQPSK MIDDLE CHANNEL

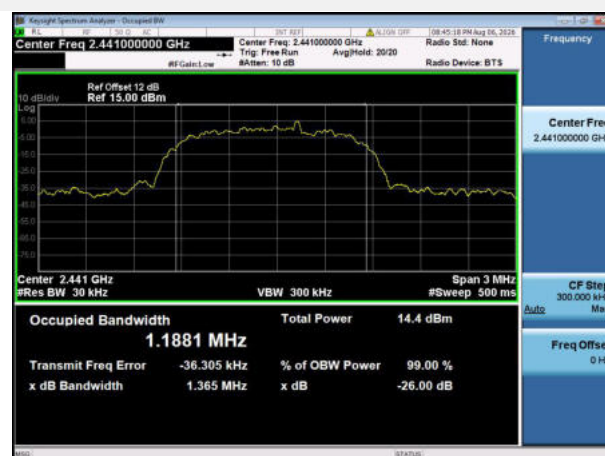
$\pi/4$ -DQPSK HIGH CHANNEL



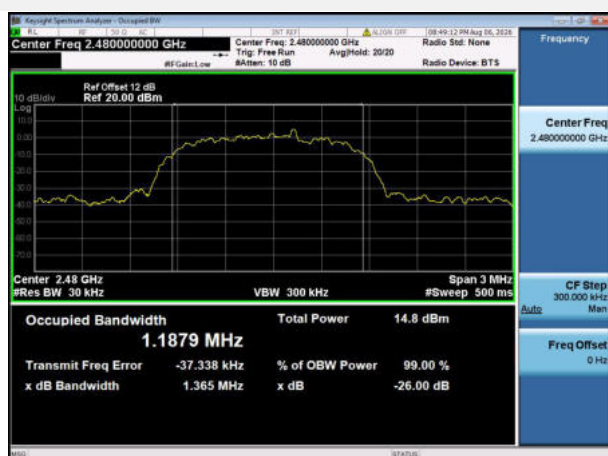
8DPSK LOW CHANNEL



8DPSK MIDDLE CHANNEL



8DPSK HIGH CHANNEL



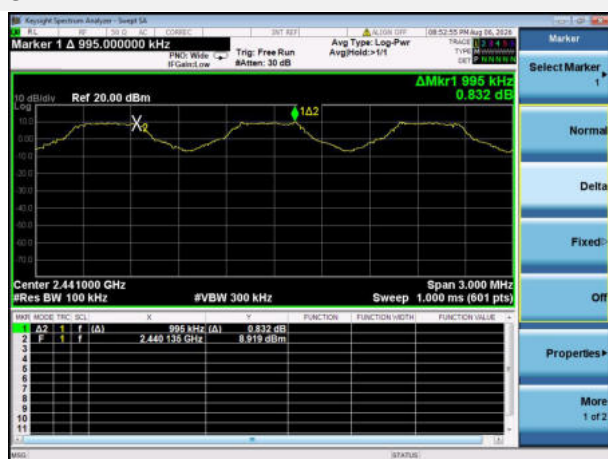
A.4 Hopping Frequency Separation

Test Data

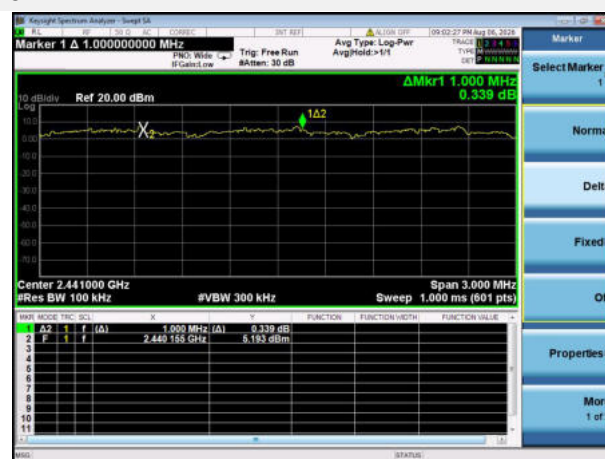
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	0.995	0.645	Pass
8DPSK	1.000	0.880	Pass

Test Plots

GFSK



8DPSK



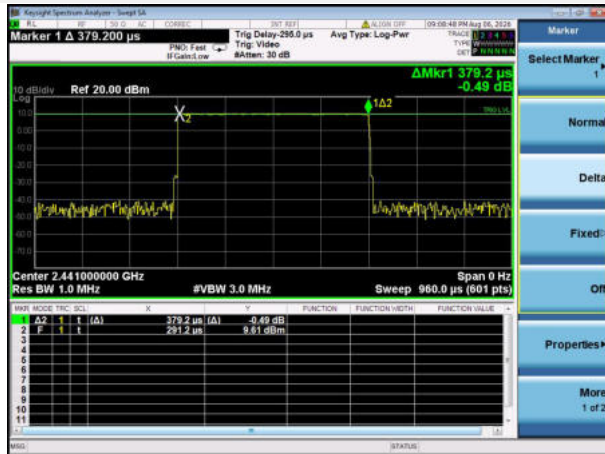
A.5 Average Time of Occupancy

Test Data

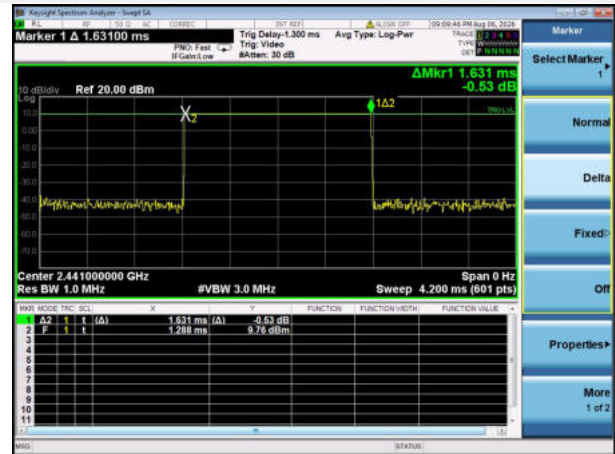
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37920	121.344	0.4	Pass
DH 3	1.63100	260.960	0.4	Pass
DH 5	2.86800	305.920	0.4	Pass
8DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.38080	121.856	0.4	Pass
3DH 3	1.63100	260.960	0.4	Pass
3DH 5	2.88000	307.200	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37760	60.416	0.4	Pass
DH 3	1.62400	129.920	0.4	Pass
DH 5	2.86800	152.960	0.4	Pass

Test Plots

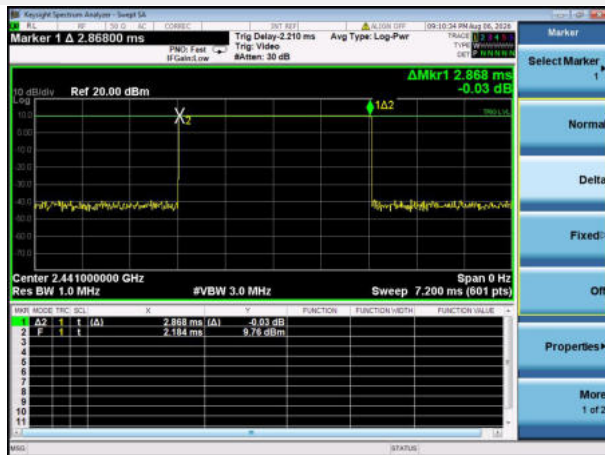
GFSK DH1



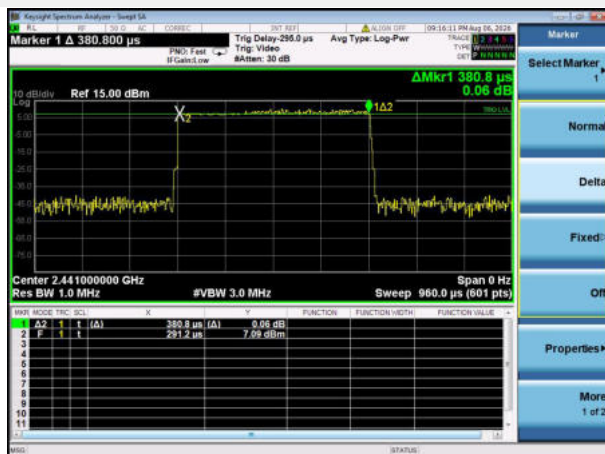
GFSK DH3



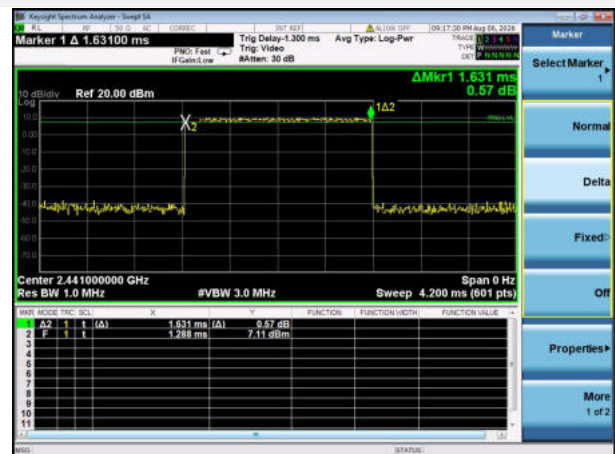
GFSK DH5



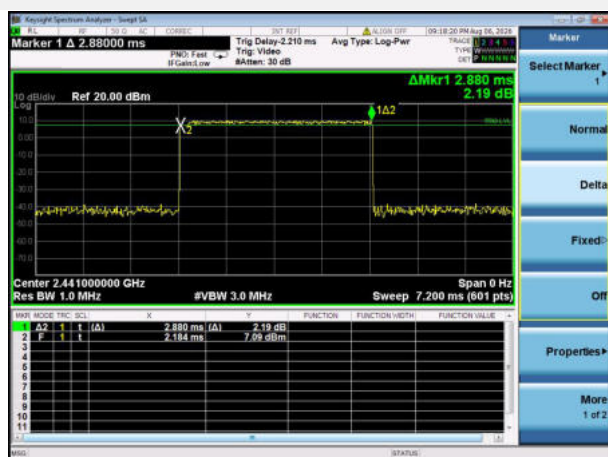
8DPSK 3DH1



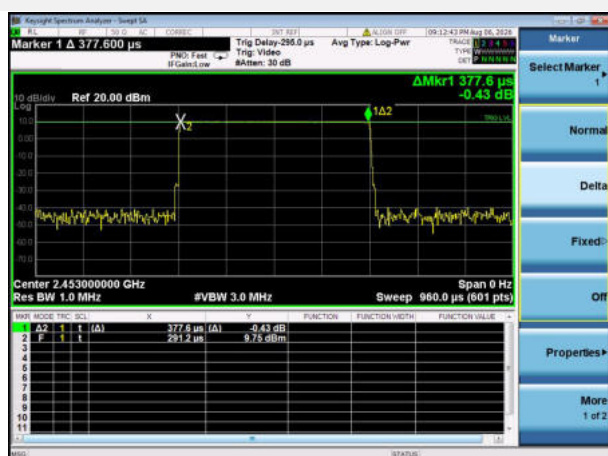
8DPSK 3DH3



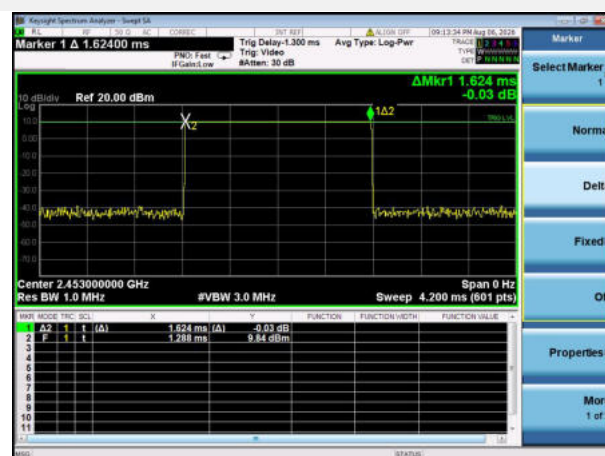
8DPSK 3DH5



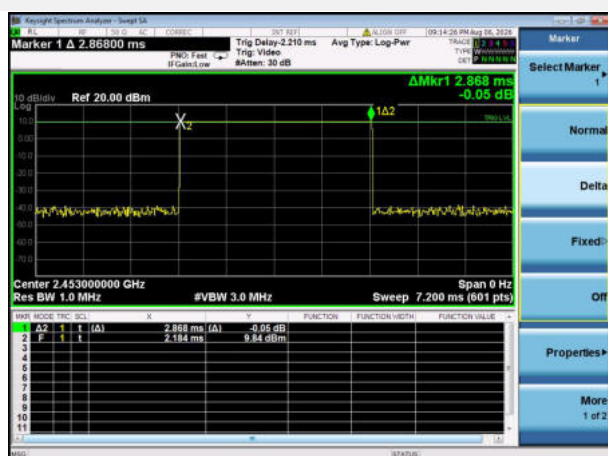
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

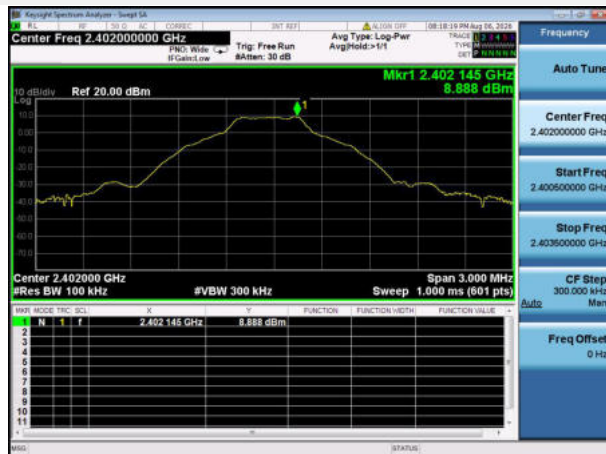
Test Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.94	8.89	-11.11	Pass
Middle	-31.77	9.42	-10.58	Pass
High	-32.18	9.76	-10.24	Pass
8DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-32.09	6.50	-13.50	Pass
Middle	-31.45	6.95	-13.05	Pass
High	-33.18	7.52	-12.48	Pass

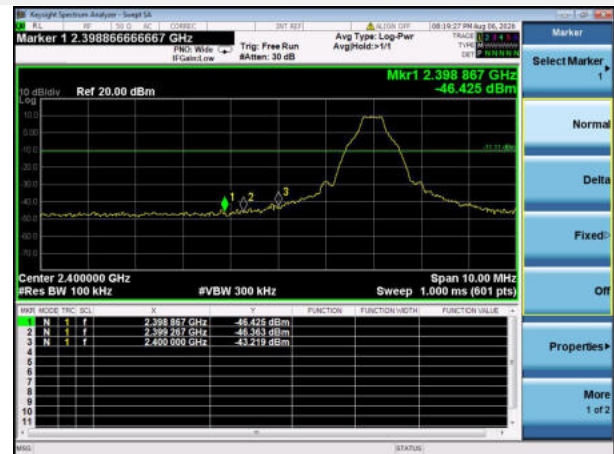
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-31.56	10.03	-9.97	Pass
8DPSK	-32.07	7.36	-12.64	Pass

Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL

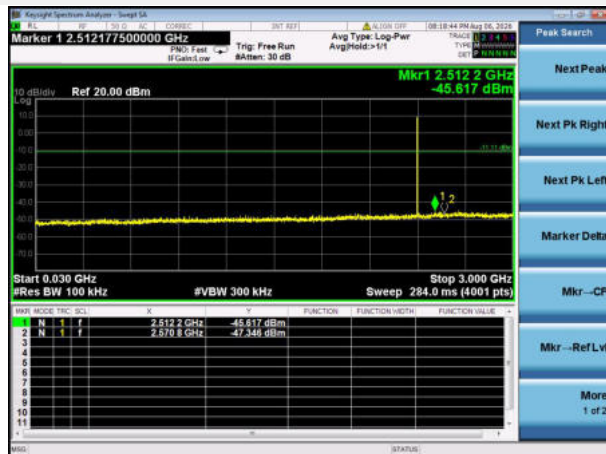


GFSK LOW CHANNEL, BAND EDGE



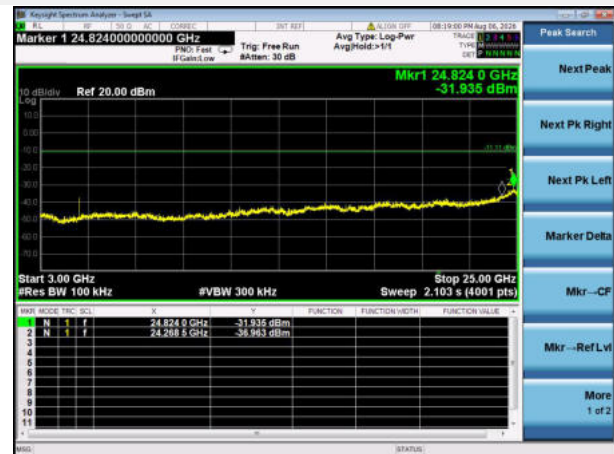
GFSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

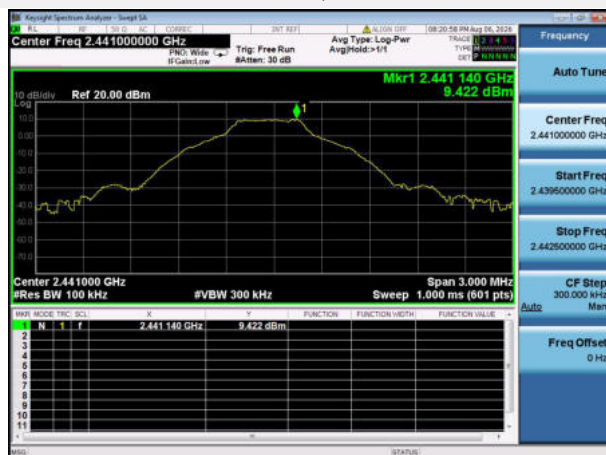


GFSK LOW CHANNEL, SPURIOUS

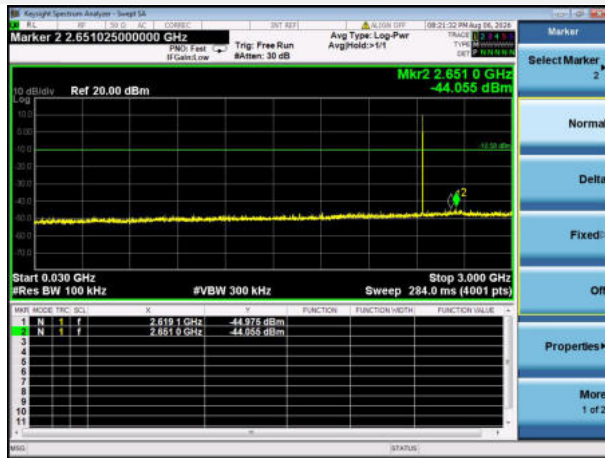
3 GHz ~ 25 GHz



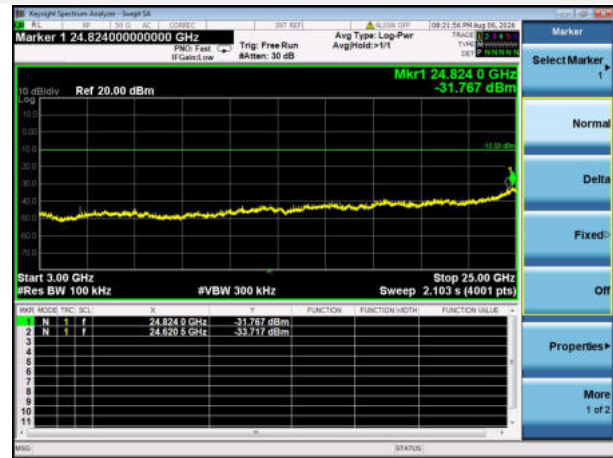
GFSK MIDDLE CHANNEL, CARRIER LEVEL



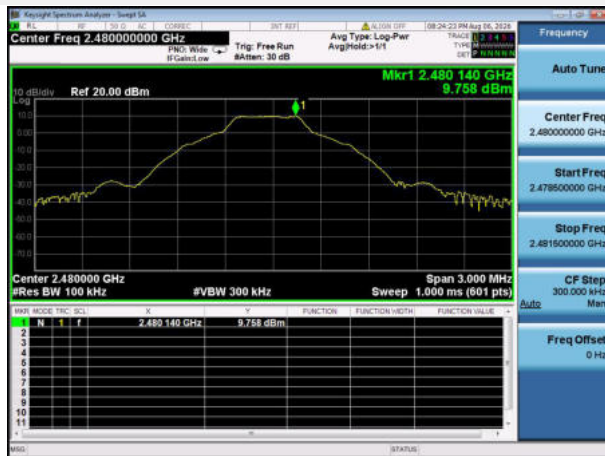
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



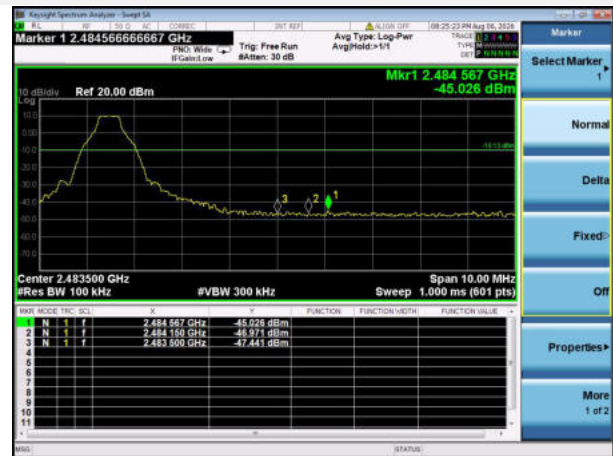
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



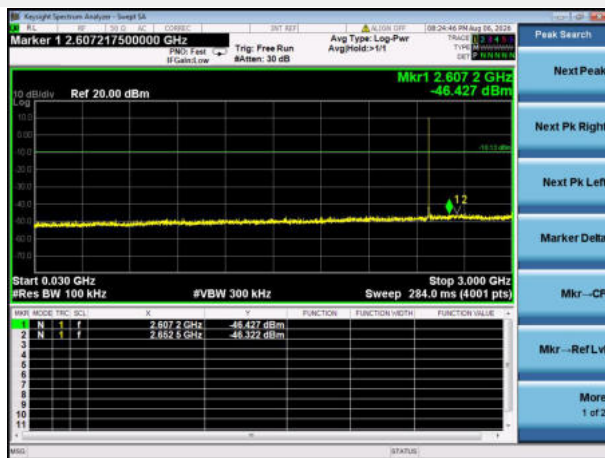
GFSK HIGH CHANNEL, CARRIER LEVEL



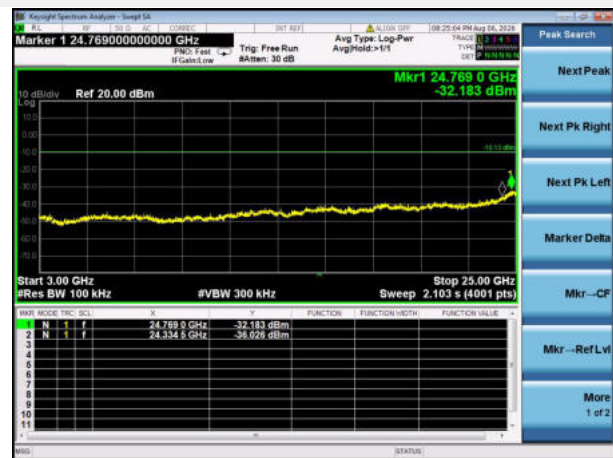
GFSK HIGH CHANNEL, BAND EDGE



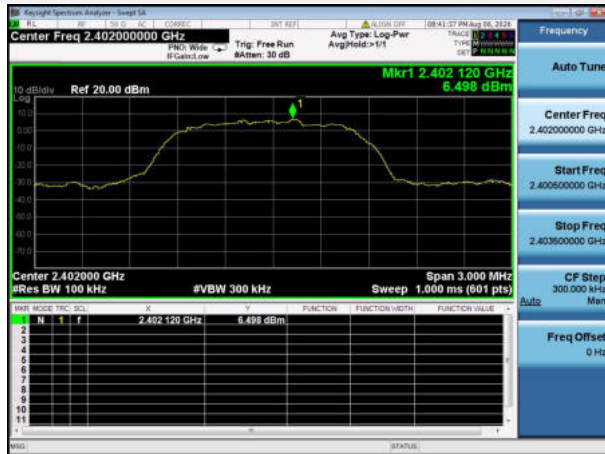
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



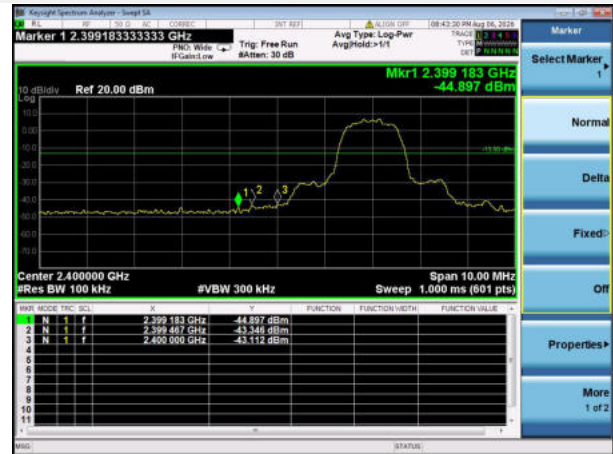
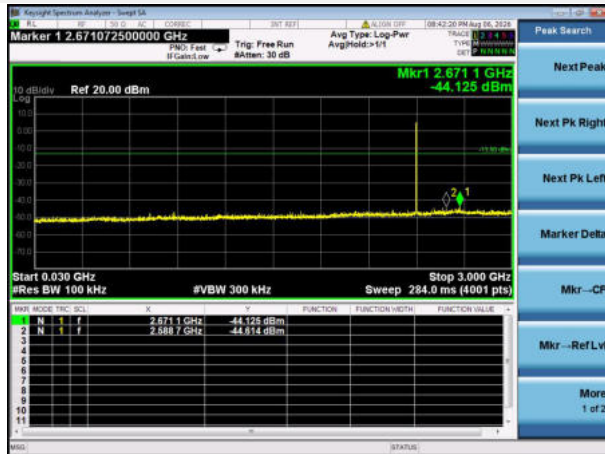
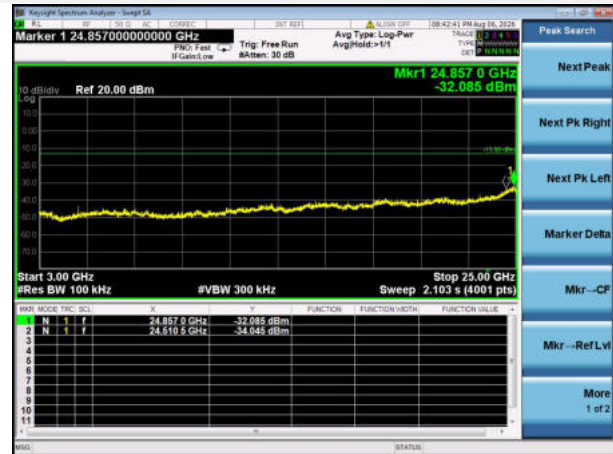
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



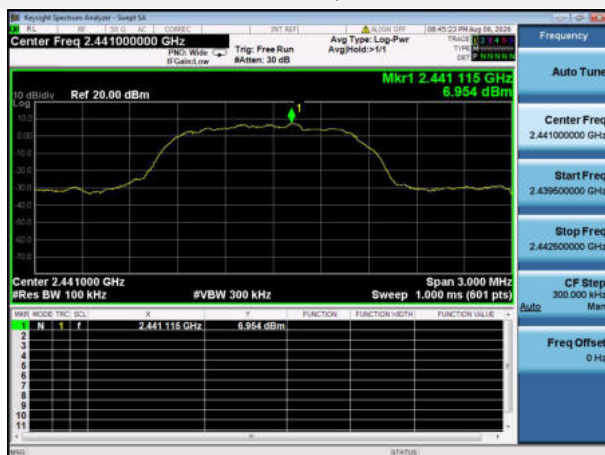
8DPSK LOW CHANNEL, CARRIER LEVEL



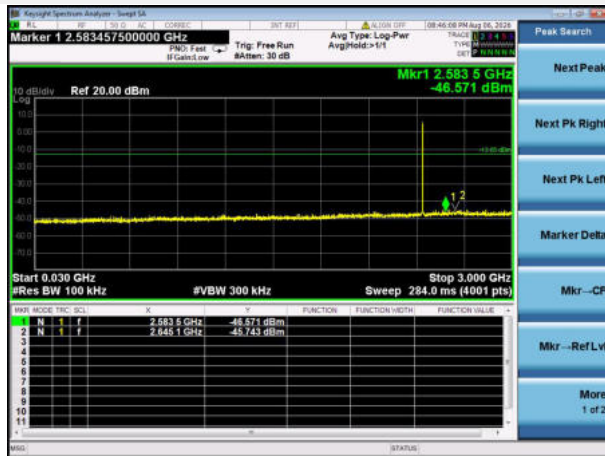
8DPSK LOW CHANNEL, BAND EDGE

8DPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz8DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

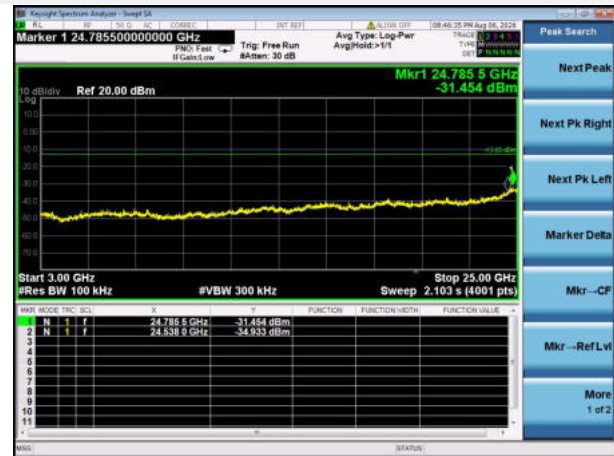
8DPSK MIDDLE CHANNEL, CARRIER LEVEL



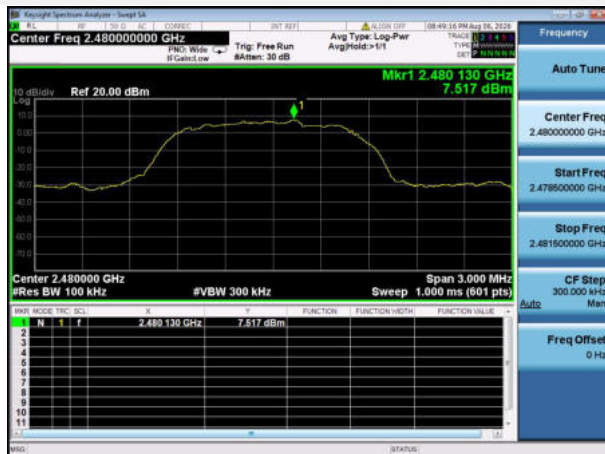
8DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



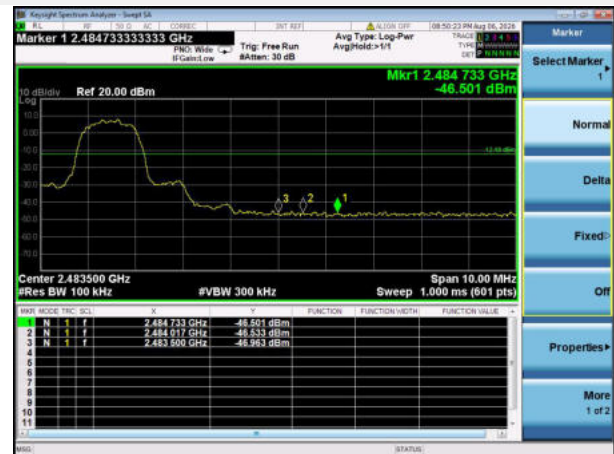
8DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



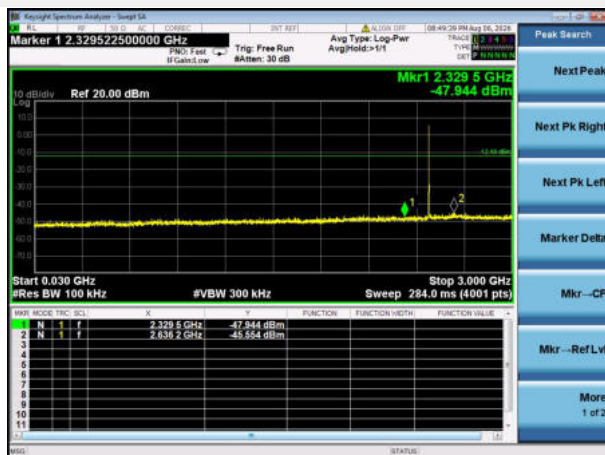
8DPSK HIGH CHANNEL, CARRIER LEVEL



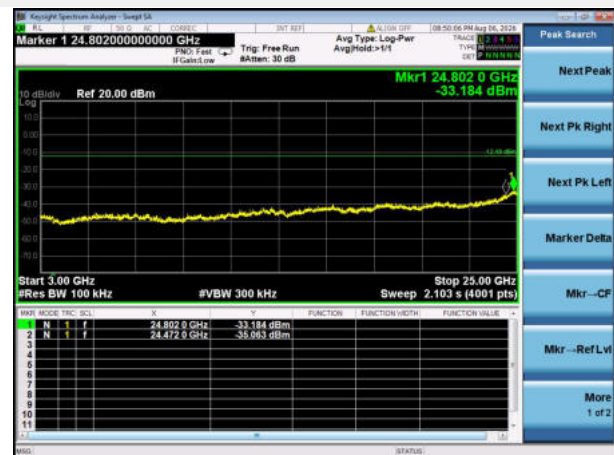
8DPSK HIGH CHANNEL, BAND EDGE



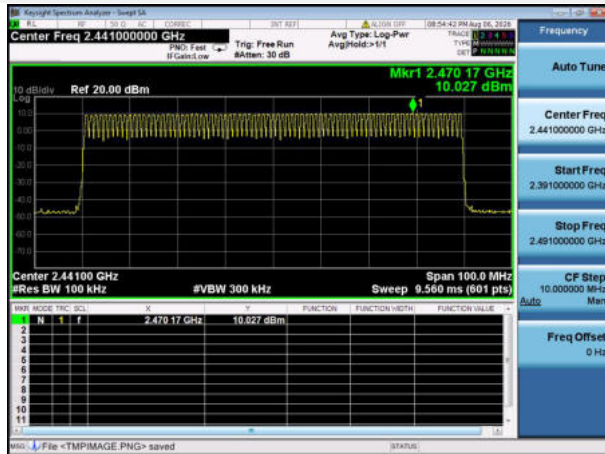
8DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



8DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



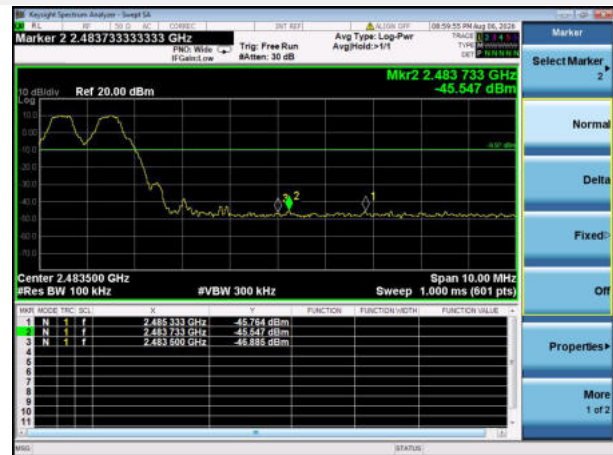
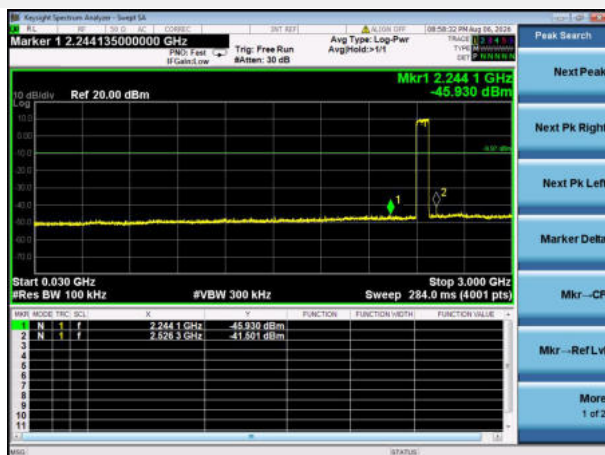
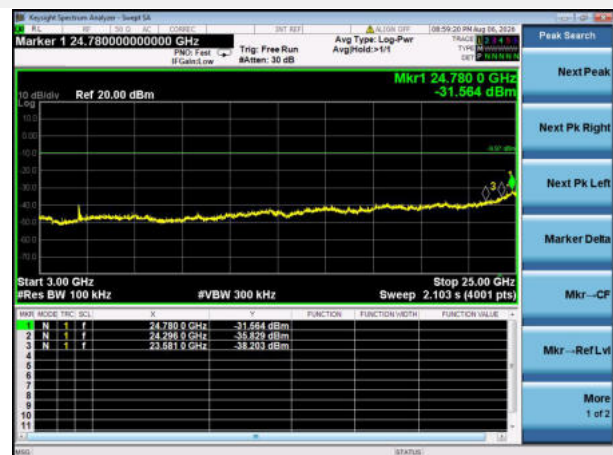
GFSK HOPPING, CARRIER LEVEL



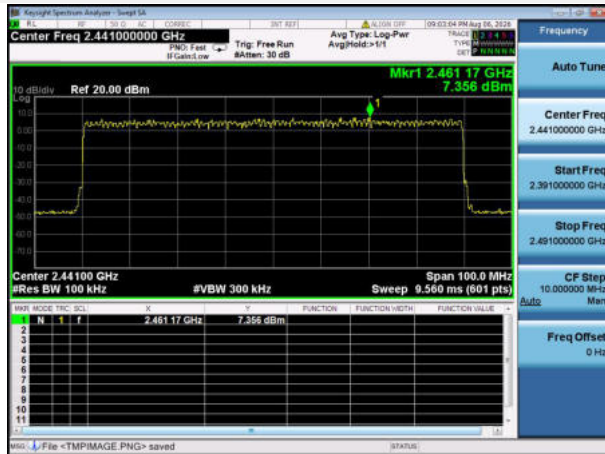
GFSK HOPPING BAND EDGE (LOW)



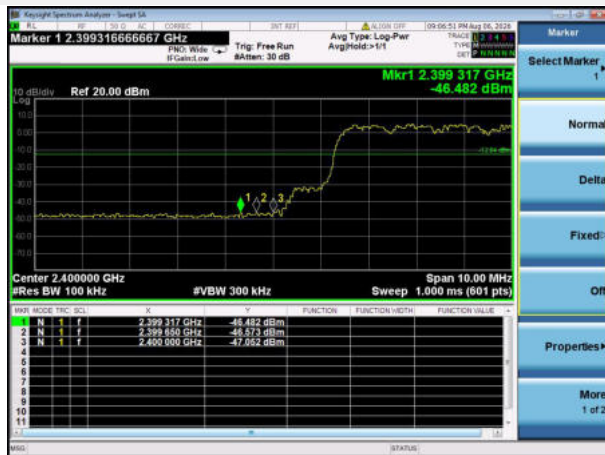
GFSK HOPPING BAND EDGE (HIGH)

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

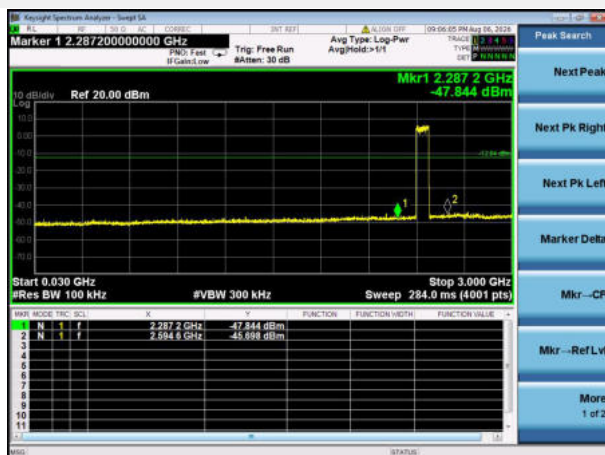
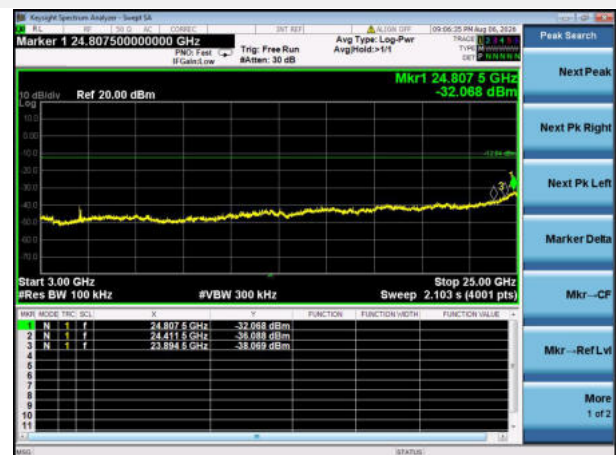
8DPSK HOPPING, CARRIER LEVEL



8DPSK Hopping BAND EDGE (LOW)



8DPSK Hopping BAND EDGE (HIGH)

8DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

A.7 Conducted Emissions

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

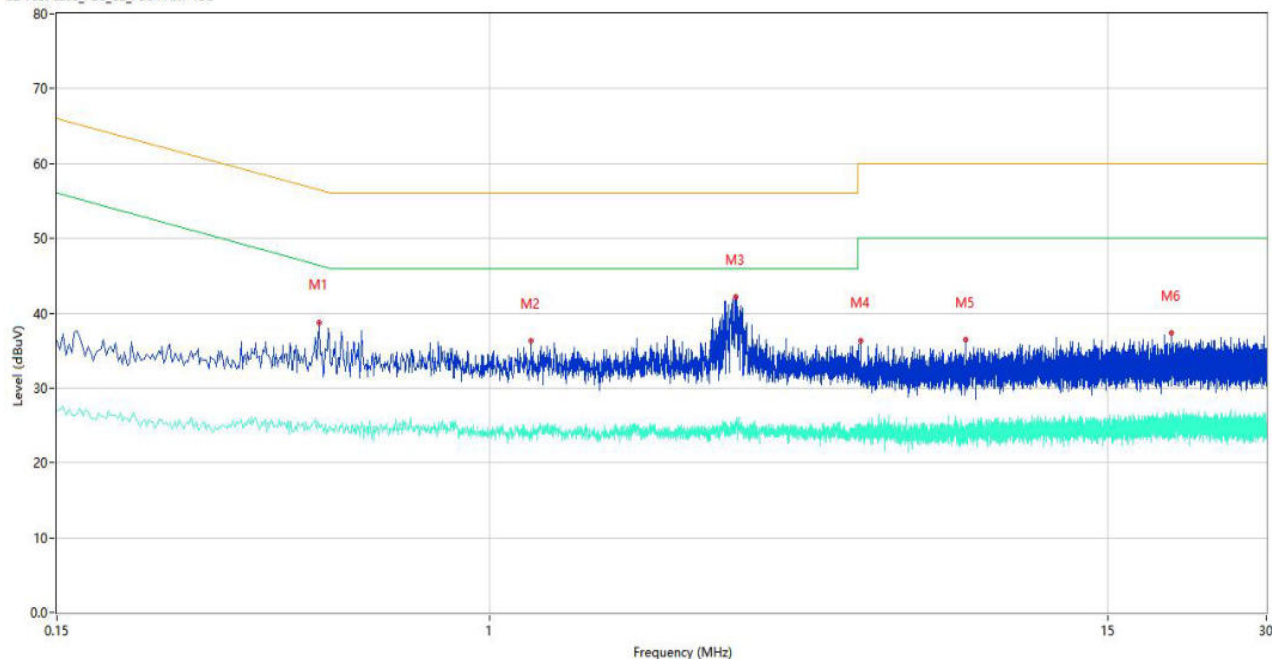
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

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

Test Data and Plots

PHASE L

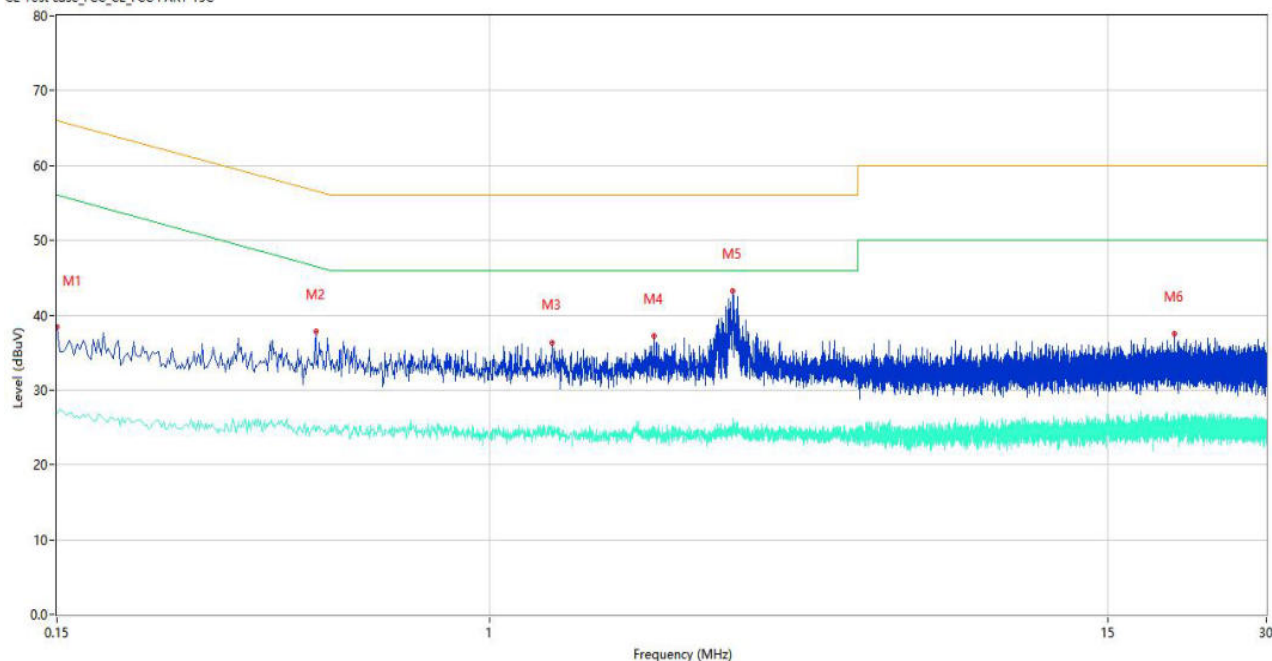
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.474	38.77	9.99	56.44	17.67	Peak	L	Pass
1**	0.474	25.05	9.99	46.44	21.39	AV	L	Pass
2	1.198	36.34	9.89	56.00	19.66	Peak	L	Pass
2**	1.198	24.50	9.89	46.00	21.50	AV	L	Pass
3	2.940	42.18	10.13	56.00	13.82	Peak	L	Pass
3**	2.940	25.64	10.13	46.00	20.36	AV	L	Pass
4	5.078	36.38	10.25	60.00	23.62	Peak	L	Pass
4**	5.078	23.27	10.25	50.00	26.73	AV	L	Pass
5	8.044	36.44	10.21	60.00	23.56	Peak	L	Pass
5**	8.044	24.94	10.21	50.00	25.06	AV	L	Pass
6	19.780	37.39	10.84	60.00	22.61	Peak	L	Pass
6**	19.780	26.20	10.84	50.00	23.80	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	0.150	38.39	9.77	66.00	27.61	Peak	N	Pass
1**	0.150	26.78	9.77	56.00	29.22	AV	N	Pass
2	0.466	37.75	9.99	56.58	18.83	Peak	N	Pass
2**	0.466	24.48	9.99	46.58	22.10	AV	N	Pass
3	1.312	36.38	10.36	56.00	19.62	Peak	N	Pass
3**	1.312	23.62	10.36	46.00	22.38	AV	N	Pass
4	2.052	37.14	10.41	56.00	18.86	Peak	N	Pass
4**	2.052	24.58	10.41	46.00	21.42	AV	N	Pass
5	2.894	43.25	9.94	56.00	12.75	Peak	N	Pass
5**	2.894	25.27	9.94	46.00	20.73	AV	N	Pass
6	20.092	37.45	10.94	60.00	22.55	Peak	N	Pass
6**	20.092	24.80	10.94	50.00	25.20	AV	N	Pass

A.8 Radiated Spurious Emission

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

Note²: For the test data above 1 GHz, according the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

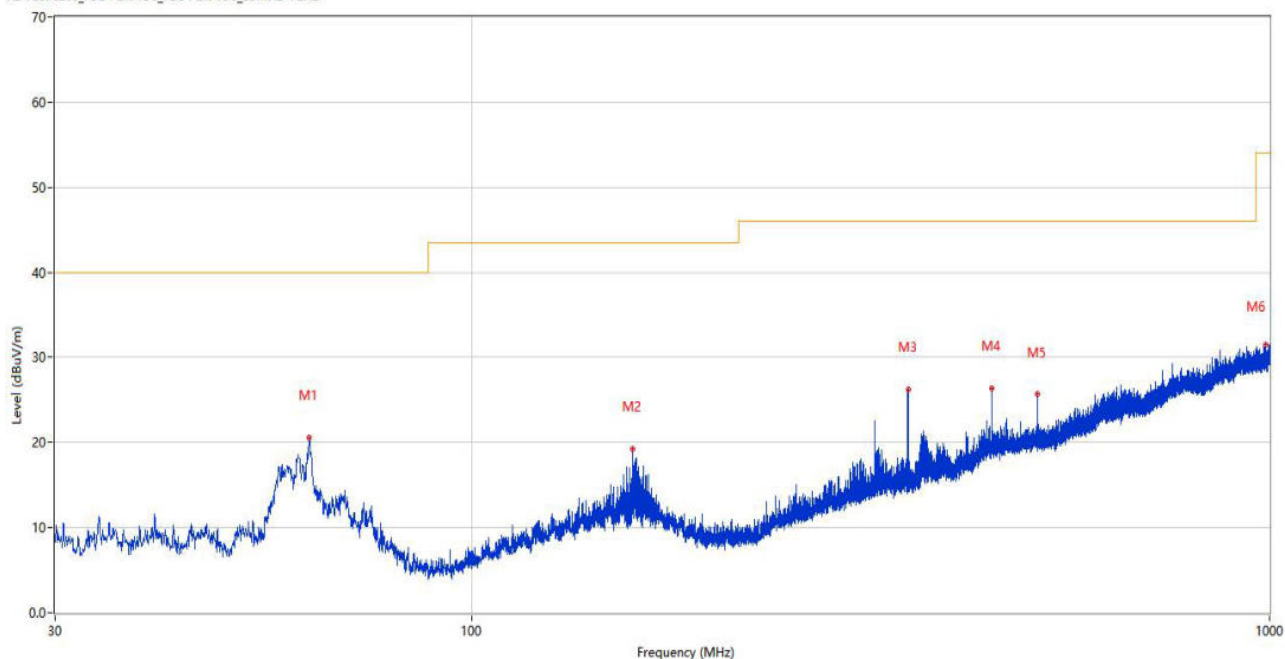
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

30 MHz to 1 GHz, ANT H

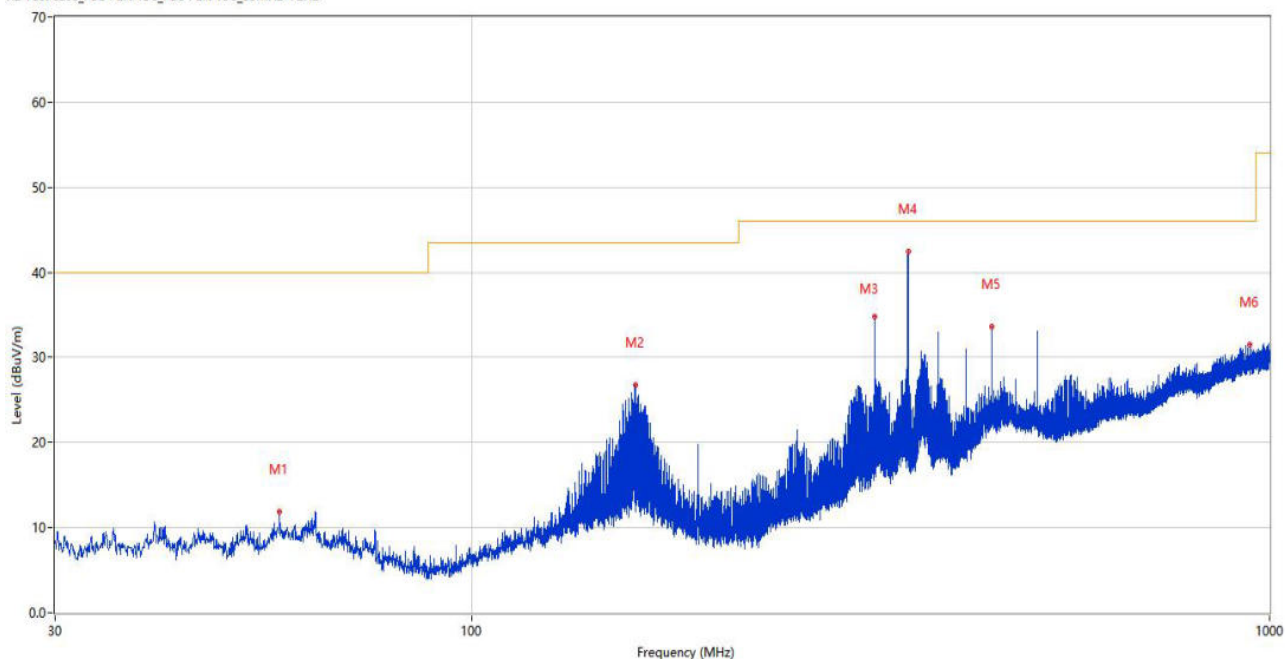
RE Test case_FCC Part 15C_FCC Part 15C_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.544	20.53	-29.40	40.0	19.47	Peak	23.30	100	Vertical	Pass
2	158.768	19.25	-27.20	43.5	24.25	Peak	97.30	200	Vertical	Pass
3	351.991	26.29	-23.94	46.0	19.71	Peak	196.70	200	Vertical	Pass
4	447.973	26.43	-20.27	46.0	19.57	Peak	360.30	200	Vertical	Pass
5	511.944	25.65	-18.49	46.0	20.35	Peak	74.80	200	Vertical	Pass
6	989.766	31.50	-9.15	54.0	22.50	Peak	357.10	200	Vertical	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C_30MHz-1GHz



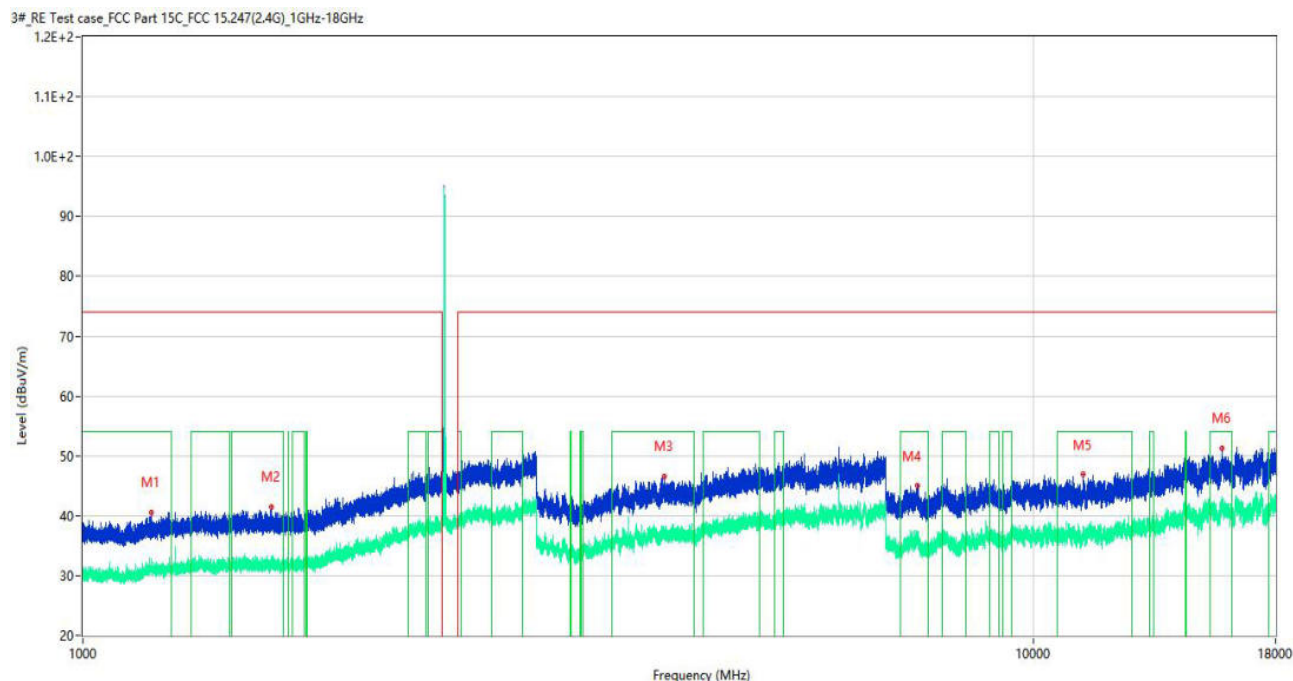
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.306	11.82	-29.29	40.0	28.18	Peak	137.80	200	Horizontal	Pass
2	160.368	26.76	-27.23	43.5	16.74	Peak	174.80	200	Horizontal	Pass
3	320.030	34.83	-24.63	46.0	11.17	Peak	213.60	100	Horizontal	Pass
4	351.991	42.47	-23.94	46.0	3.53	Peak	280.20	100	Horizontal	Pass
5	447.973	33.63	-20.27	46.0	12.37	Peak	116.60	200	Horizontal	Pass
6	943.546	31.45	-9.75	46.0	14.55	Peak	339.50	100	Horizontal	Pass

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

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

Note³: The RSE Plot only shows the worst-case scenario, while all other data are presented in tabular form.

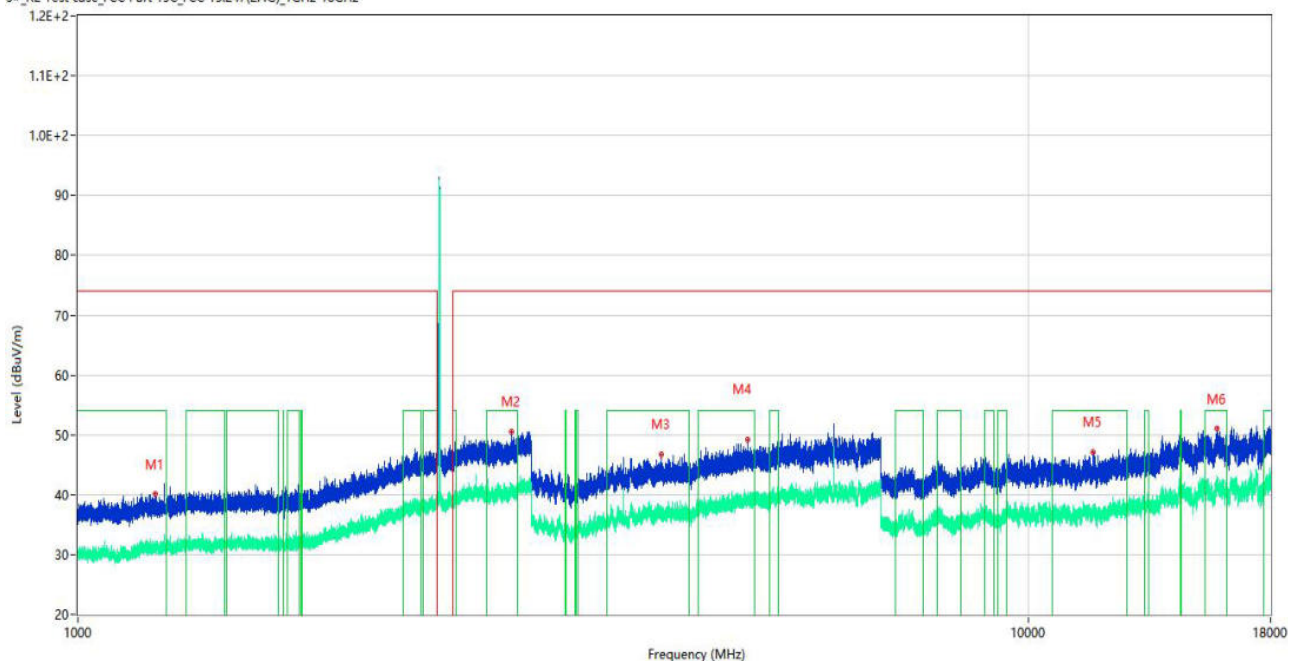
GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1180.763	40.81	74.0	33.19	Peak	47.00	200	Horizontal	Pass
1**	1180.763	31.18	54.0	22.82	AV	47.00	200	Horizontal	Pass
2	1579.925	41.61	74.0	32.40	Peak	226.00	300	Horizontal	Pass
2**	1579.925	31.69	54.0	22.31	AV	226.00	300	Horizontal	Pass
3	4098.941	46.72	74.0	27.28	Peak	236.00	200	Horizontal	Pass
3**	4098.941	36.65	54.0	17.35	AV	236.00	200	Horizontal	Pass
4	7545.717	45.20	74.0	28.80	Peak	164.00	200	Horizontal	Pass
4**	7545.717	36.57	54.0	17.43	AV	164.00	200	Horizontal	Pass
5	11299.193	47.08	74.0	26.92	Peak	127.00	100	Horizontal	Pass
5**	11299.193	37.41	54.0	16.59	AV	127.00	100	Horizontal	Pass
6	15805.588	51.41	74.0	22.59	Peak	105.00	300	Horizontal	Pass
6**	15805.588	42.49	54.0	11.51	AV	105.00	300	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.685	40.14	74.0	33.86	Peak	184.00	400	Vertical	Pass
1**	1201.685	31.31	54.0	22.69	AV	184.00	400	Vertical	Pass
2	2858.108	50.02	74.0	23.98	Peak	162.00	100	Vertical	Pass
2**	2858.108	40.47	54.0	13.53	AV	162.00	100	Vertical	Pass
3	4118.746	44.78	74.0	29.22	Peak	84.00	200	Vertical	Pass
3**	4118.746	39.29	54.0	14.71	AV	84.00	200	Vertical	Pass
4	5065.863	46.39	74.0	27.61	Peak	152.00	100	Vertical	Pass
4**	5065.863	36.87	54.0	17.13	AV	152.00	100	Vertical	Pass
5	11710.062	48.84	74.0	25.16	Peak	216.00	200	Vertical	Pass
5**	11710.062	39.47	54.0	14.53	AV	216.00	200	Vertical	Pass
6	15807.299	48.96	74.0	25.04	Peak	310.00	400	Vertical	Pass
6**	15807.299	45.03	54.0	8.97	AV	310.00	400	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	1178.865	40.23	74.0	33.77	Peak	91.00	100	Horizontal	Pass
1**	1178.865	31.06	54.0	22.94	AV	91.00	100	Horizontal	Pass
2	1582.817	41.33	74.0	32.68	Peak	18.00	200	Horizontal	Pass
2**	1582.817	31.12	54.0	22.88	AV	18.00	200	Horizontal	Pass
3	4100.020	45.72	74.0	28.28	Peak	204.00	200	Horizontal	Pass
3**	4100.020	35.70	54.0	18.30	AV	204.00	200	Horizontal	Pass
4	7545.216	45.01	74.0	28.99	Peak	204.00	100	Horizontal	Pass
4**	7545.216	36.54	54.0	17.46	AV	204.00	100	Horizontal	Pass
5	11294.083	46.96	74.0	27.04	Peak	123.00	100	Horizontal	Pass
5**	11294.083	36.93	54.0	17.07	AV	123.00	100	Horizontal	Pass
6	15802.745	50.62	74.0	23.38	Peak	139.00	400	Horizontal	Pass
6**	15802.745	41.71	54.0	12.29	AV	139.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.964	39.46	74.0	34.54	Peak	215.00	300	Vertical	Pass
1**	1205.964	31.24	54.0	22.76	AV	215.00	300	Vertical	Pass
2	2863.223	49.72	74.0	24.28	Peak	41.00	200	Vertical	Pass
2**	2863.223	40.32	54.0	13.68	AV	41.00	200	Vertical	Pass
3	4114.810	44.39	74.0	29.61	Peak	340.00	200	Vertical	Pass
3**	4114.810	39.21	54.0	14.79	AV	340.00	200	Vertical	Pass
4	5071.904	45.88	74.0	28.12	Peak	209.00	400	Vertical	Pass
4**	5071.904	36.05	54.0	17.95	AV	209.00	400	Vertical	Pass
5	11716.018	48.70	74.0	25.30	Peak	21.00	200	Vertical	Pass
5**	11716.018	38.56	54.0	15.44	AV	21.00	200	Vertical	Pass
6	15805.220	48.46	74.0	25.54	Peak	120.00	100	Vertical	Pass
6**	15805.220	41.66	54.0	12.34	AV	120.00	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	1178.937	40.53	74.0	33.47	Peak	218.00	400	Horizontal	Pass
1**	1178.937	30.40	54.0	23.60	AV	218.00	400	Horizontal	Pass
2	1577.820	41.40	74.0	32.61	Peak	284.00	200	Horizontal	Pass
2**	1577.820	31.30	54.0	22.70	AV	284.00	200	Horizontal	Pass
3	4098.620	45.95	74.0	28.05	Peak	207.00	200	Horizontal	Pass
3**	4098.620	36.19	54.0	17.81	AV	207.00	200	Horizontal	Pass
4	7546.823	45.07	74.0	28.93	Peak	170.00	400	Horizontal	Pass
4**	7546.823	36.29	54.0	17.71	AV	170.00	400	Horizontal	Pass
5	11298.348	46.25	74.0	27.75	Peak	42.00	400	Horizontal	Pass
5**	11298.348	36.55	54.0	17.45	AV	42.00	400	Horizontal	Pass
6	15801.404	50.60	74.0	23.40	Peak	291.00	200	Horizontal	Pass
6**	15801.404	41.75	54.0	12.25	AV	291.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.697	39.61	74.0	34.39	Peak	219.00	100	Vertical	Pass
1**	1201.697	30.81	54.0	23.19	AV	219.00	100	Vertical	Pass
2	2859.895	49.97	74.0	24.03	Peak	139.00	300	Vertical	Pass
2**	2859.895	40.43	54.0	13.57	AV	139.00	300	Vertical	Pass
3	4113.057	44.36	74.0	29.64	Peak	48.00	200	Vertical	Pass
3**	4113.057	38.51	54.0	15.49	AV	48.00	200	Vertical	Pass
4	5072.563	46.11	74.0	27.89	Peak	95.00	400	Vertical	Pass
4**	5072.563	36.14	54.0	17.86	AV	95.00	400	Vertical	Pass
5	11714.758	48.13	74.0	25.87	Peak	281.00	200	Vertical	Pass
5**	11714.758	39.03	54.0	14.97	AV	281.00	200	Vertical	Pass
6	15802.493	48.70	74.0	25.30	Peak	53.00	200	Vertical	Pass
6**	15802.493	41.81	54.0	12.19	AV	53.00	200	Vertical	Pass

8DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1287.708	40.15	74.0	33.85	Peak	213.00	400	Horizontal	Pass
1**	1287.708	30.25	54.0	23.75	AV	213.00	400	Horizontal	Pass
2	2769.849	41.07	74.0	32.94	Peak	269.00	100	Horizontal	Pass
2**	2769.849	31.09	54.0	22.91	AV	269.00	100	Horizontal	Pass
3	5171.062	46.51	74.0	27.49	Peak	123.00	200	Horizontal	Pass
3**	5171.062	35.80	54.0	18.20	AV	123.00	200	Horizontal	Pass
4	6809.645	44.73	74.0	29.27	Peak	156.00	400	Horizontal	Pass
4**	6809.645	35.96	54.0	18.04	AV	156.00	400	Horizontal	Pass
5	13464.664	46.29	74.0	27.71	Peak	12.00	200	Horizontal	Pass
5**	13464.664	36.75	54.0	17.25	AV	12.00	200	Horizontal	Pass
6	17470.450	50.88	74.0	23.12	Peak	237.00	100	Horizontal	Pass
6**	17470.450	41.83	54.0	12.17	AV	237.00	100	Horizontal	Pass

8DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1285.711	40.00	74.0	34.00	Peak	17.00	200	Vertical	Pass
1**	1285.711	31.26	54.0	22.74	AV	17.00	200	Vertical	Pass
2	2771.106	49.70	74.0	24.30	Peak	312.00	400	Vertical	Pass
2**	2771.106	39.47	54.0	14.53	AV	312.00	400	Vertical	Pass
3	5162.855	44.39	74.0	29.61	Peak	251.00	200	Vertical	Pass
3**	5162.855	39.02	54.0	14.98	AV	251.00	200	Vertical	Pass
4	6807.895	45.67	74.0	28.33	Peak	145.00	200	Vertical	Pass
4**	6807.895	36.17	54.0	17.83	AV	145.00	200	Vertical	Pass
5	13464.153	48.40	74.0	25.60	Peak	357.00	400	Vertical	Pass
5**	13464.153	39.26	54.0	14.74	AV	357.00	400	Vertical	Pass
6	17464.694	48.81	74.0	25.19	Peak	304.00	300	Vertical	Pass
6**	17464.694	41.55	54.0	12.45	AV	304.00	300	Vertical	Pass

8DPSK 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	1282.802	39.95	74.0	34.05	Peak	309.00	200	Horizontal	Pass
1**	1282.802	30.82	54.0	23.18	AV	309.00	200	Horizontal	Pass
2	2767.455	41.01	74.0	33.00	Peak	36.00	100	Horizontal	Pass
2**	2767.455	30.32	54.0	23.68	AV	36.00	100	Horizontal	Pass
3	5165.535	44.74	74.0	29.26	Peak	102.00	200	Horizontal	Pass
3**	5165.535	34.71	54.0	19.29	AV	102.00	200	Horizontal	Pass
4	6807.196	44.47	74.0	29.53	Peak	328.00	300	Horizontal	Pass
4**	6807.196	36.14	54.0	17.86	AV	328.00	300	Horizontal	Pass
5	13464.941	46.94	74.0	27.06	Peak	238.00	200	Horizontal	Pass
5**	13464.941	36.64	54.0	17.36	AV	238.00	200	Horizontal	Pass
6	17465.616	49.98	74.0	24.02	Peak	281.00	200	Horizontal	Pass
6**	17465.616	41.66	54.0	12.34	AV	281.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1287.203	38.86	74.0	35.14	Peak	260.00	200	Vertical	Pass
1**	1287.203	30.93	54.0	23.07	AV	260.00	200	Vertical	Pass
2	2772.889	49.56	74.0	24.44	Peak	155.00	200	Vertical	Pass
2**	2772.889	39.47	54.0	14.53	AV	155.00	200	Vertical	Pass
3	5160.791	44.09	74.0	29.91	Peak	340.00	200	Vertical	Pass
3**	5160.791	38.73	54.0	15.27	AV	340.00	200	Vertical	Pass
4	6809.111	45.20	74.0	28.80	Peak	36.00	100	Vertical	Pass
4**	6809.111	35.12	54.0	18.88	AV	36.00	100	Vertical	Pass
5	13467.493	47.90	74.0	26.10	Peak	135.00	200	Vertical	Pass
5**	13467.493	37.77	54.0	16.23	AV	135.00	200	Vertical	Pass
6	17464.607	47.87	74.0	26.13	Peak	82.00	100	Vertical	Pass
6**	17464.607	41.33	54.0	12.67	AV	82.00	100	Vertical	Pass

8DPSK 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	1283.627	40.25	74.0	33.75	Peak	15.00	400	Horizontal	Pass
1**	1283.627	30.07	54.0	23.93	AV	15.00	400	Horizontal	Pass
2	2769.387	41.00	74.0	33.01	Peak	312.00	100	Horizontal	Pass
2**	2769.387	31.20	54.0	22.80	AV	312.00	100	Horizontal	Pass
3	5166.745	45.37	74.0	28.63	Peak	307.00	200	Horizontal	Pass
3**	5166.745	35.52	54.0	18.48	AV	307.00	200	Horizontal	Pass
4	6809.511	44.75	74.0	29.25	Peak	58.00	100	Horizontal	Pass
4**	6809.511	35.39	54.0	18.61	AV	58.00	100	Horizontal	Pass
5	13469.336	45.27	74.0	28.73	Peak	19.00	400	Horizontal	Pass
5**	13469.336	36.14	54.0	17.86	AV	19.00	400	Horizontal	Pass
6	17464.758	50.37	74.0	23.63	Peak	343.00	200	Horizontal	Pass
6**	17464.758	40.87	54.0	13.13	AV	343.00	200	Horizontal	Pass

8DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.537	39.19	74.0	34.81	Peak	214.00	200	Vertical	Pass
1**	1282.537	29.81	54.0	24.19	AV	214.00	200	Vertical	Pass
2	2772.026	48.99	74.0	25.01	Peak	70.00	300	Vertical	Pass
2**	2772.026	39.61	54.0	14.39	AV	70.00	300	Vertical	Pass
3	5163.158	43.42	74.0	30.58	Peak	173.00	200	Vertical	Pass
3**	5163.158	38.10	54.0	15.90	AV	173.00	200	Vertical	Pass
4	6807.083	45.56	74.0	28.44	Peak	349.00	300	Vertical	Pass
4**	6807.083	35.16	54.0	18.84	AV	349.00	300	Vertical	Pass
5	13465.003	47.84	74.0	26.16	Peak	238.00	300	Vertical	Pass
5**	13465.003	38.55	54.0	15.45	AV	238.00	300	Vertical	Pass
6	17467.177	47.72	74.0	26.28	Peak	216.00	400	Vertical	Pass
6**	17467.177	41.73	54.0	12.27	AV	216.00	400	Vertical	Pass

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

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

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

Note³: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

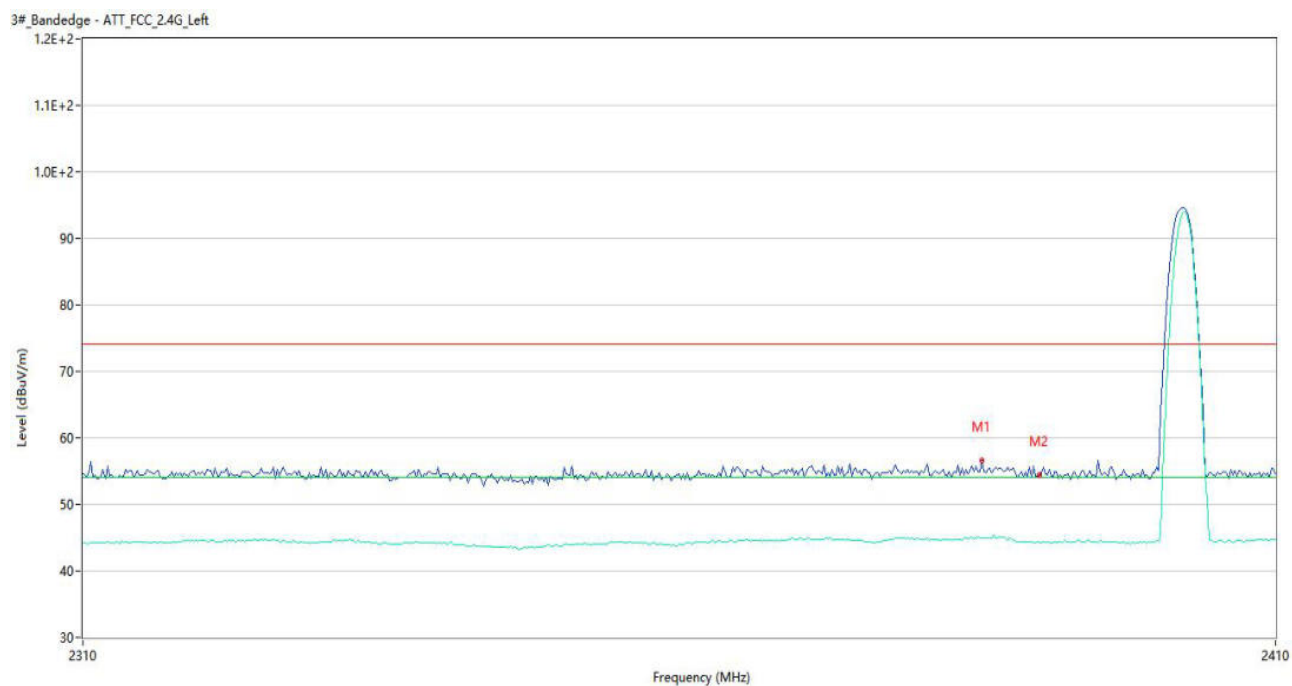
Note⁴: The Level (dBuV/m) has been corrected by factor.

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

Note⁶: The RSE Plot only shows the worst-case scenario, while all other data are presented in tabular form.

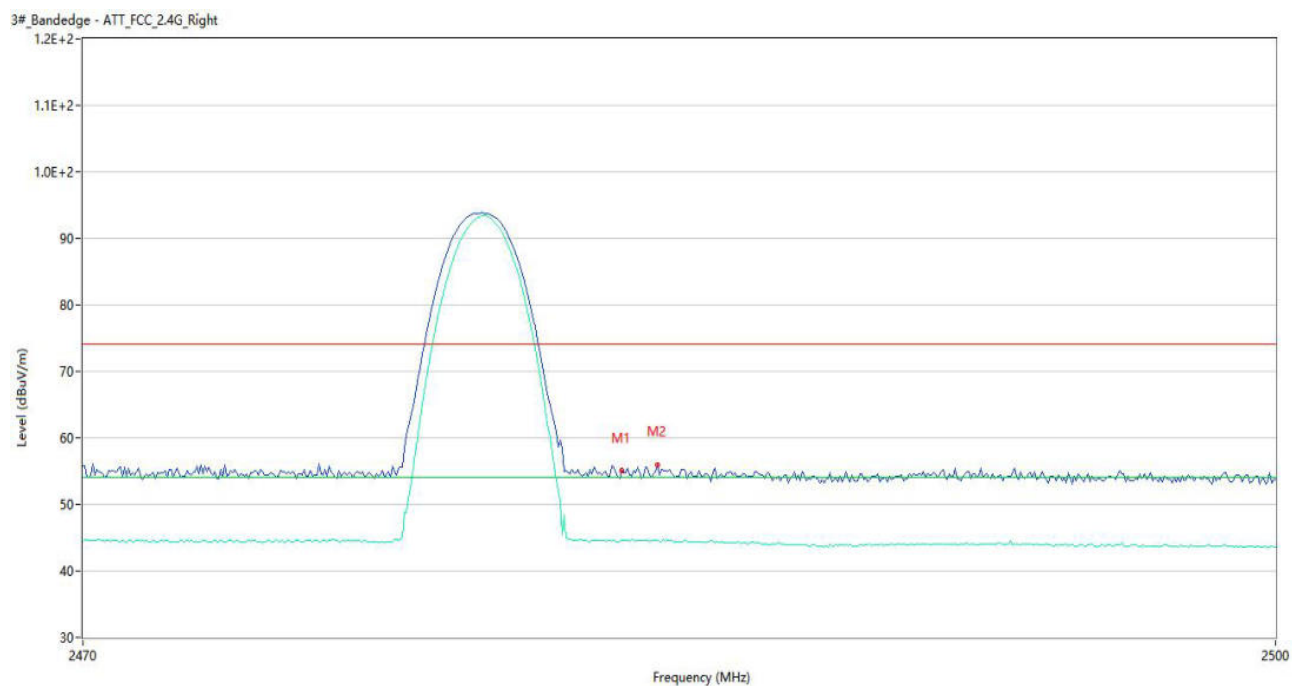
Test Data and Plots

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2382.596	56.79	74.0	17.21	Peak	234.00	200	Horizontal	Pass
1**	2382.596	45.13	54.0	8.87	AV	234.00	200	Horizontal	Pass
2	2390.000	54.71	74.0	19.29	Peak	216.00	300	Horizontal	Pass
2**	2390.000	44.43	54.0	9.58	AV	216.00	300	Horizontal	Pass

GFSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.29	74.0	18.71	Peak	214.00	300	Horizontal	Pass
1**	2483.500	44.80	54.0	9.20	AV	214.00	300	Horizontal	Pass
2	2485.151	56.13	74.0	17.87	Peak	344.00	200	Horizontal	Pass
2**	2485.151	44.64	54.0	9.36	AV	344.00	200	Horizontal	Pass

8DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2325.290	55.49	74.0	18.51	Peak	215.00	100	Horizontal	Pass
1**	2325.290	43.64	54.0	10.36	AV	215.00	100	Horizontal	Pass
2	2390.000	54.12	74.0	19.88	Peak	59.00	100	Horizontal	Pass
2**	2390.000	42.91	54.0	11.10	AV	59.00	100	Horizontal	Pass

8DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.33	74.0	19.67	Peak	149.00	100	Horizontal	Pass
1**	2483.500	43.40	54.0	10.60	AV	149.00	100	Horizontal	Pass
2	2488.052	55.68	74.0	18.32	Peak	197.00	100	Horizontal	Pass
2**	2488.052	43.57	54.0	10.43	AV	197.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26080036-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26080036-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26080036-AI.PDF”.

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--END OF REPORT--