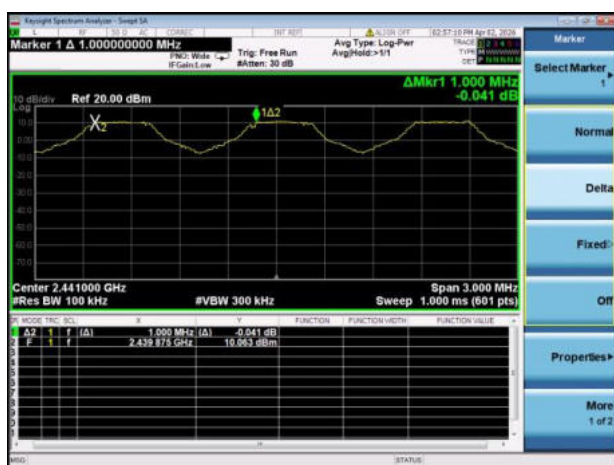


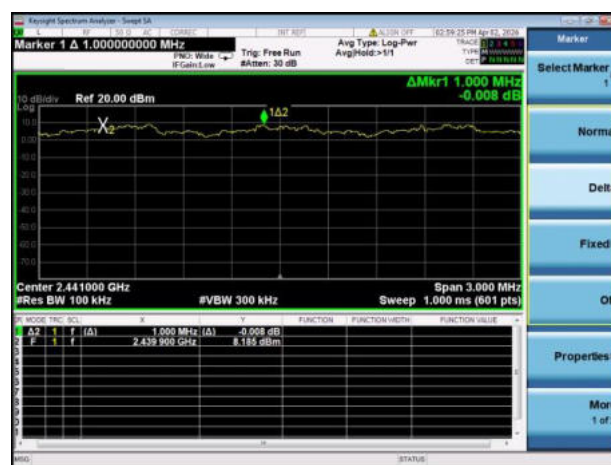
Test Plots

ANT0

GFSK

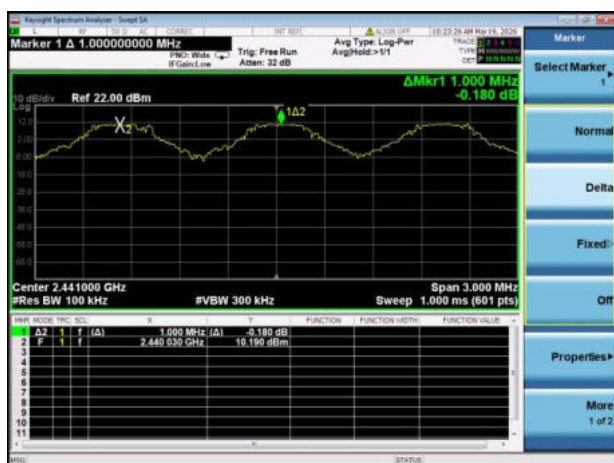


8-DPSK

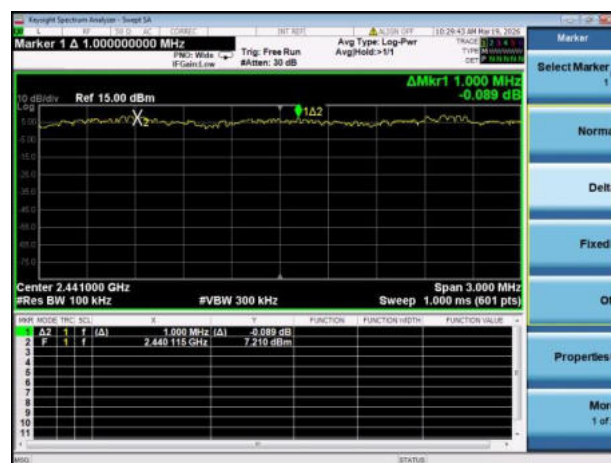


ANT1

GFSK



8-DPSK



A.5 Average Time of Occupancy

Test Data

ANT0

GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37760	120.832	0.4	Pass
DH 3	1.62700	260.320	0.4	Pass
DH 5	2.87600	306.773	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38240	122.368	0.4	Pass
DH 3	1.63400	261.440	0.4	Pass
DH 5	2.87600	306.773	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37600	60.160	0.4	Pass
DH 3	1.63400	130.720	0.4	Pass
DH 5	2.87600	153.387	0.4	Pass

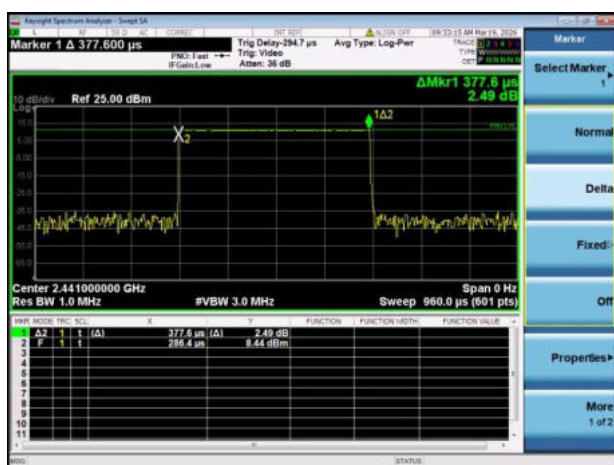
ANT1

GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37760	120.832	0.4	Pass
DH 3	1.63400	261.440	0.4	Pass
DH 5	2.88800	308.053	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38240	122.368	0.4	Pass
DH 3	1.63400	261.440	0.4	Pass
DH 5	2.88800	308.053	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37600	60.160	0.4	Pass
DH 3	1.63400	130.720	0.4	Pass
DH 5	2.88800	154.027	0.4	Pass

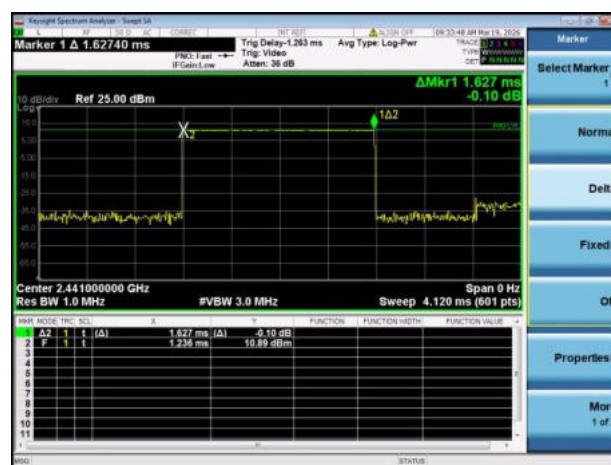
Test Plots

ANT0

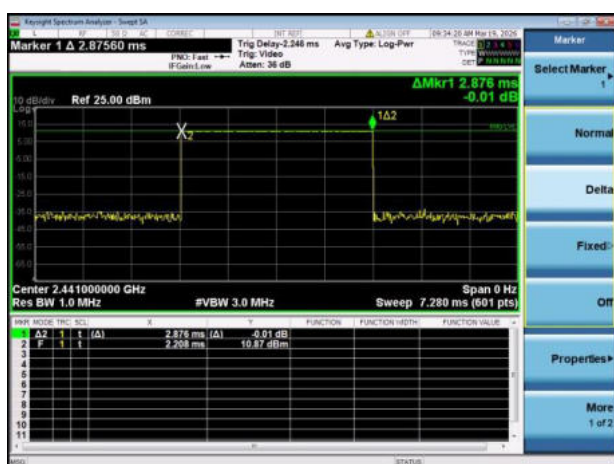
GFSK DH1



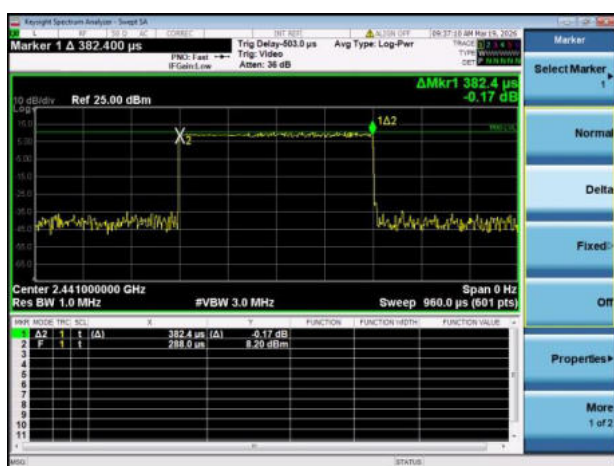
GFSK DH3



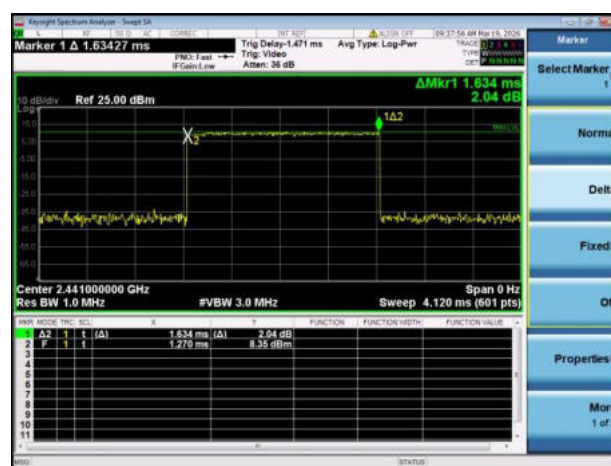
GFSK DH5



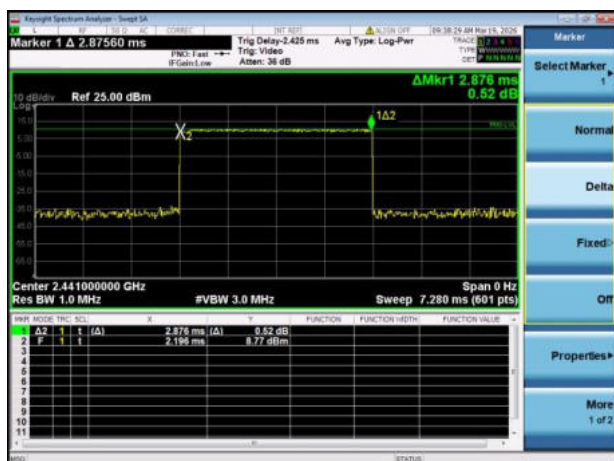
8-DPSK 3DH1



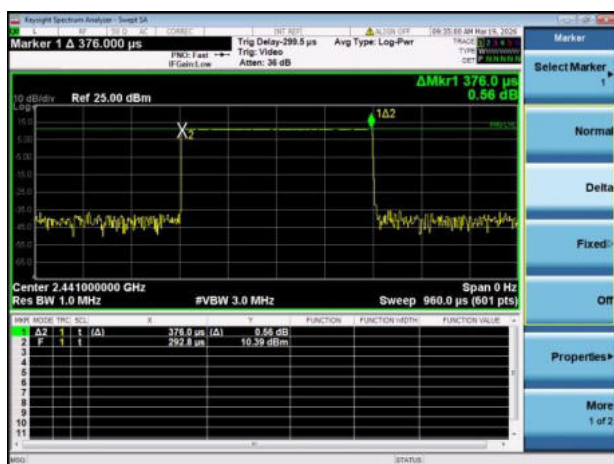
8-DPSK 3DH3



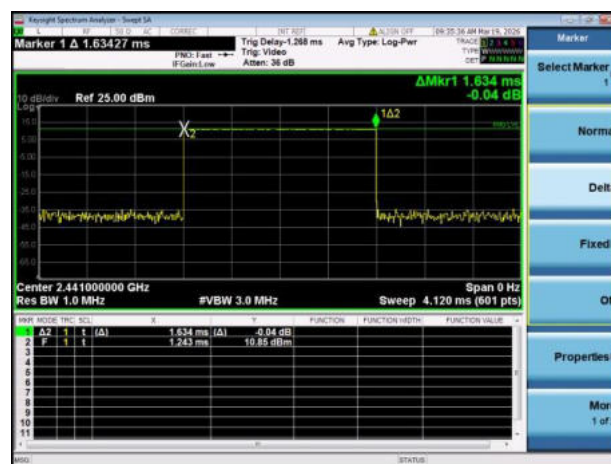
8-DPSK 3DH5



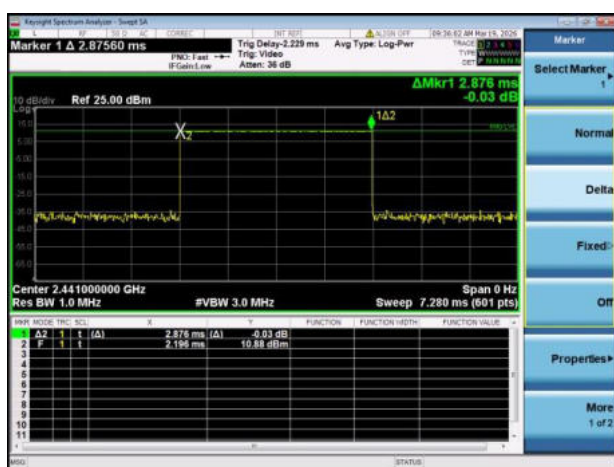
AFH Mode DH1



AFH Mode DH3

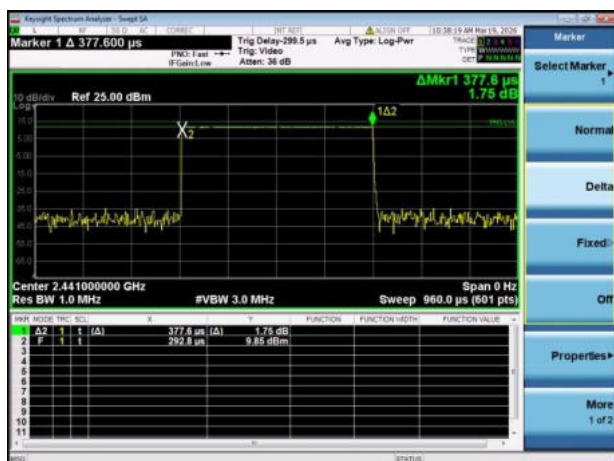


AFH Mode DH5

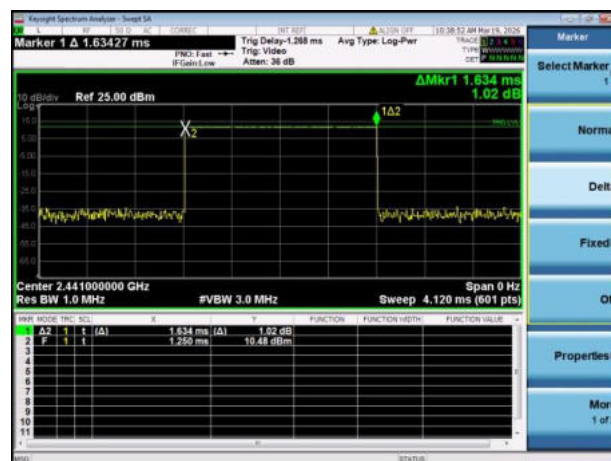


ANT1

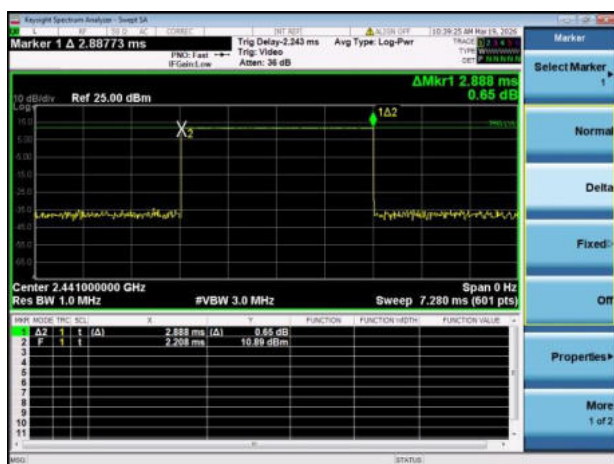
GFSK DH1



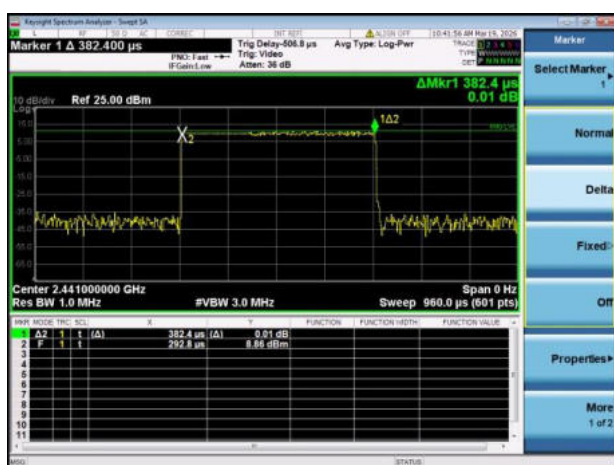
GFSK DH3



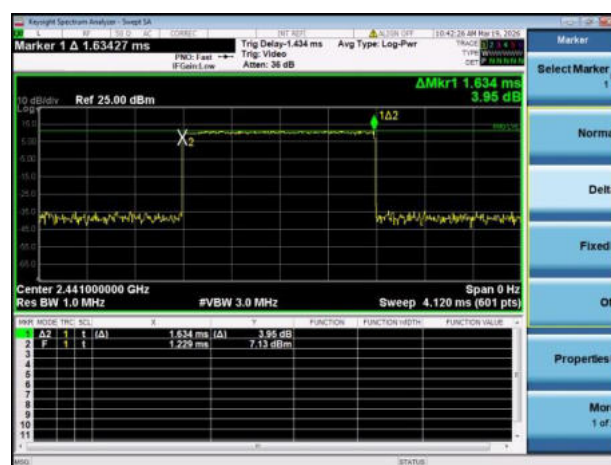
GFSK DH5



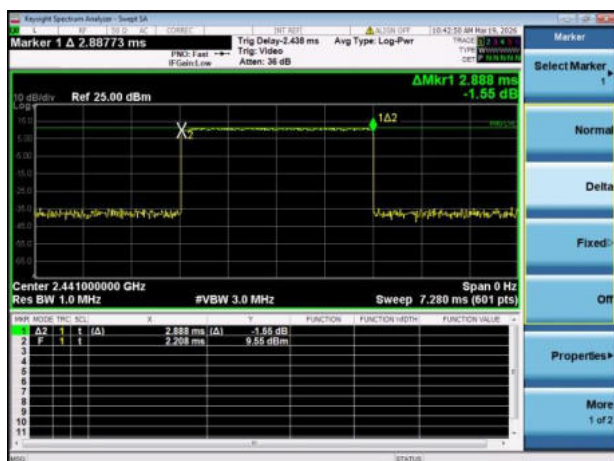
8-DPSK 3DH1



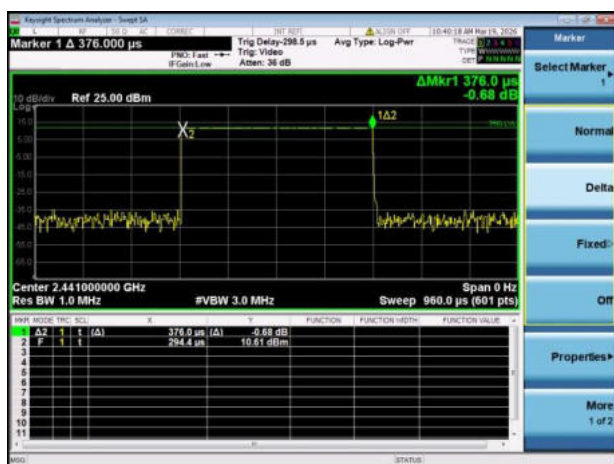
8-DPSK 3DH3



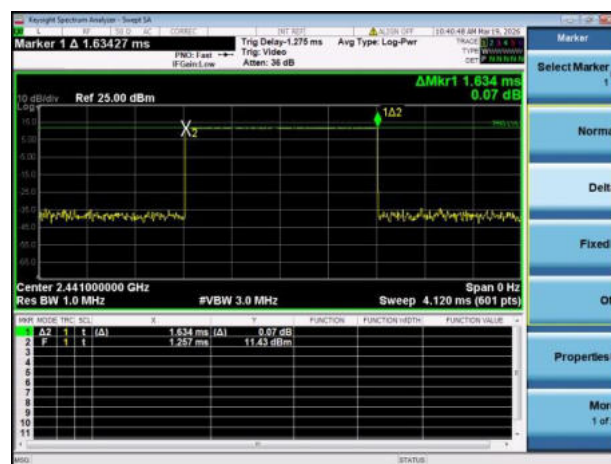
8-DPSK 3DH5



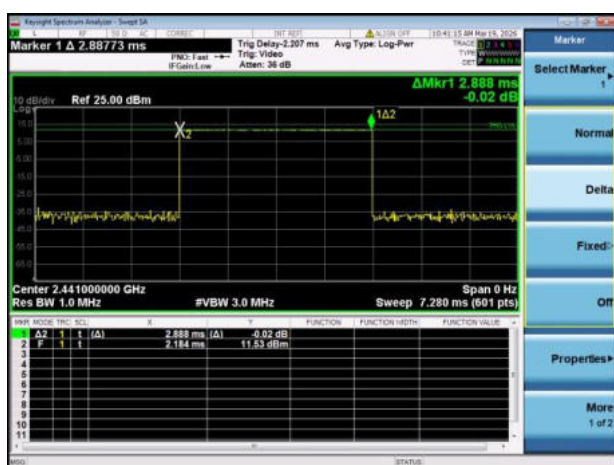
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

Test Data

ANT0

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.71	10.71	-9.29	Pass
Middle	-36.38	10.86	-9.14	Pass
High	-35.81	8.73	-11.27	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.63	8.62	-11.38	Pass
Middle	-36.53	8.61	-11.39	Pass
High	-36.76	6.36	-13.64	Pass

Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-35.47	11.16	-8.84	Pass
8-DPSK	-35.07	8.92	-11.08	Pass

ANT1

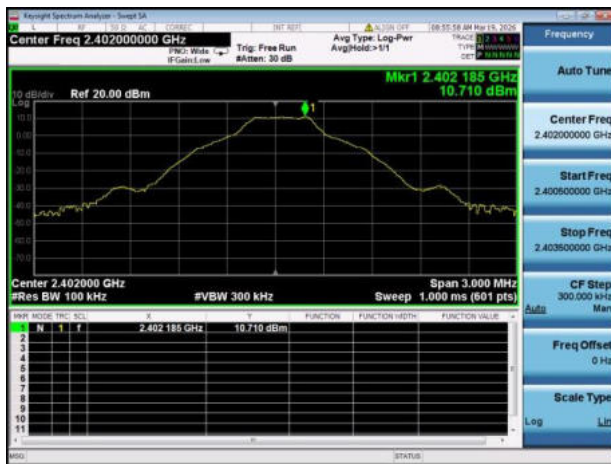
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.37	10.78	-9.23	Pass
Middle	-36.00	11.47	-8.53	Pass
High	-35.36	9.97	-10.03	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.79	8.69	-11.31	Pass
Middle	-35.77	9.43	-10.57	Pass
High	-36.18	7.80	-12.20	Pass

Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-34.90	11.58	-8.42	Pass
8-DPSK	-35.55	8.64	-11.36	Pass

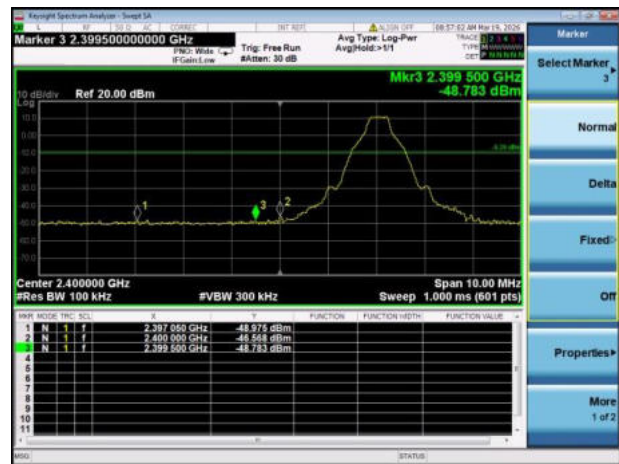
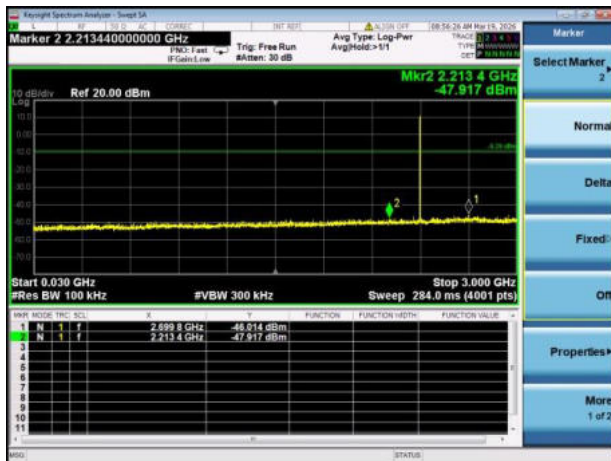
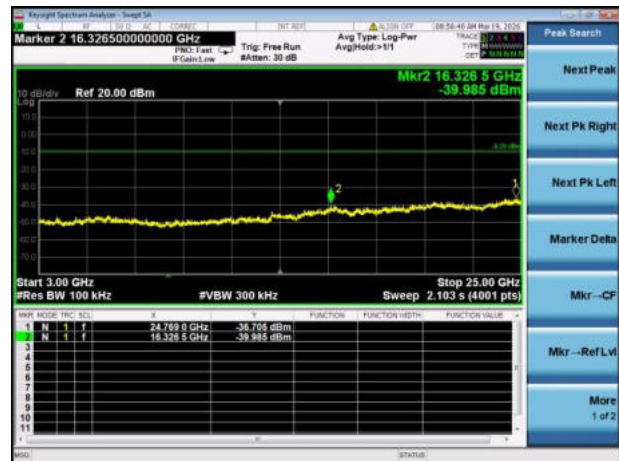
Test Plots

ANT0

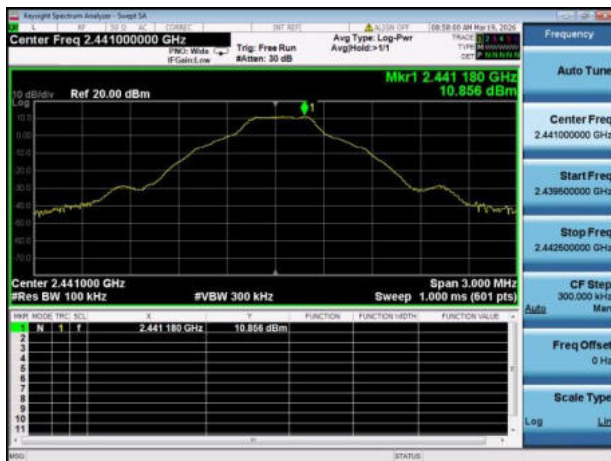
GFSK LOW CHANNEL, CARRIER LEVEL



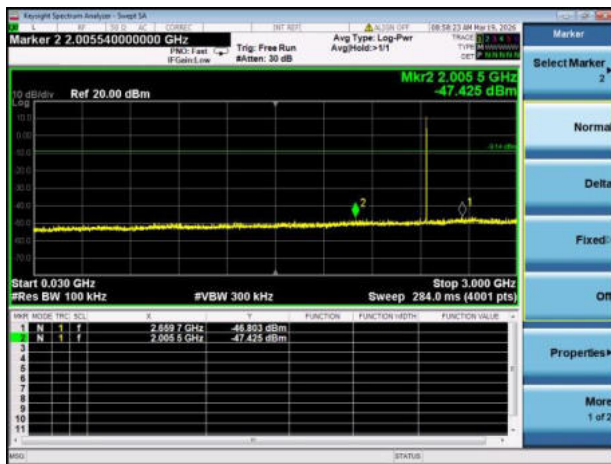
GFSK LOW CHANNEL, BAND EDGE

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

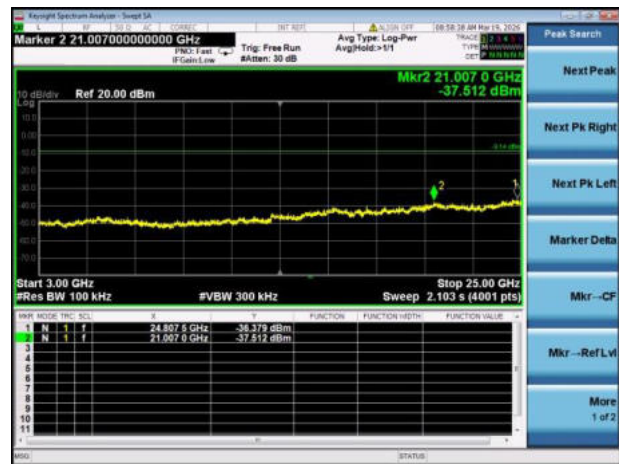
GFSK MIDDLE CHANNEL, CARRIER LEVEL



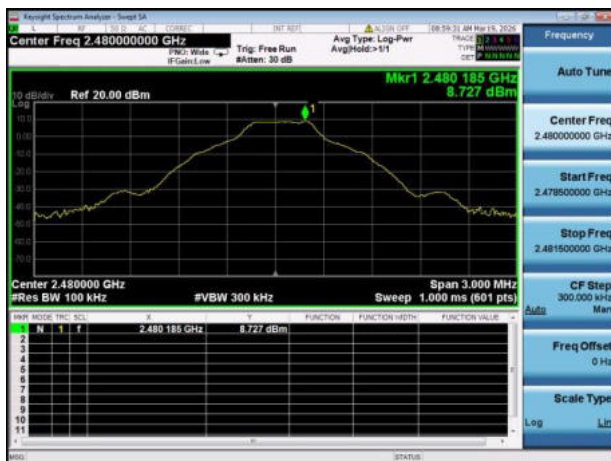
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



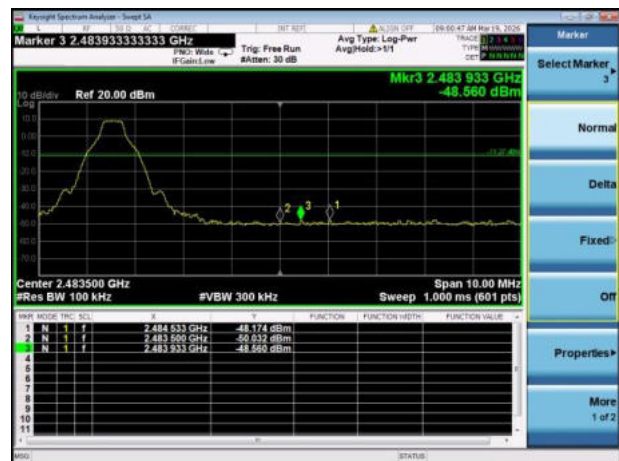
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



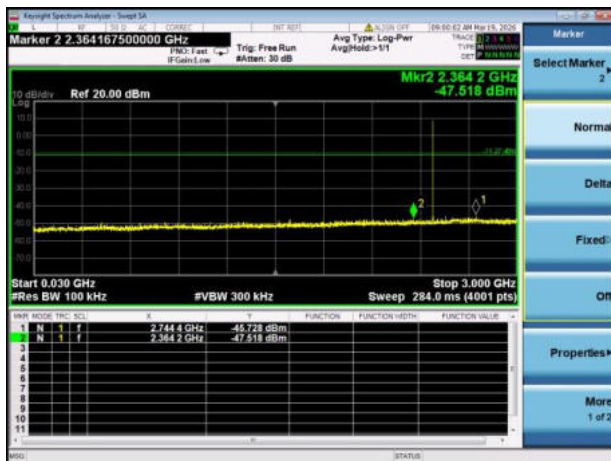
GFSK HIGH CHANNEL, CARRIER LEVEL



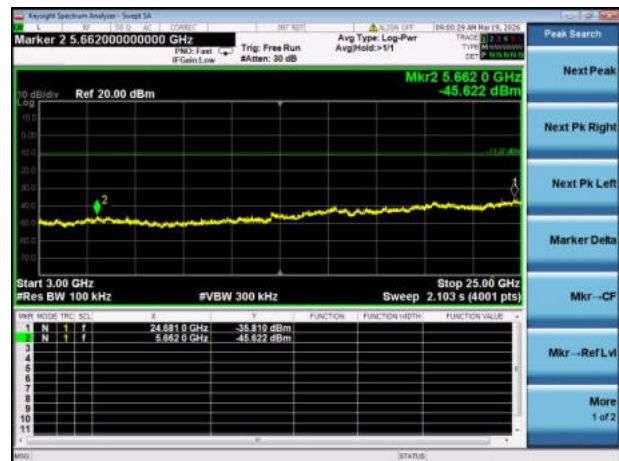
GFSK HIGH CHANNEL, BAND EDGE



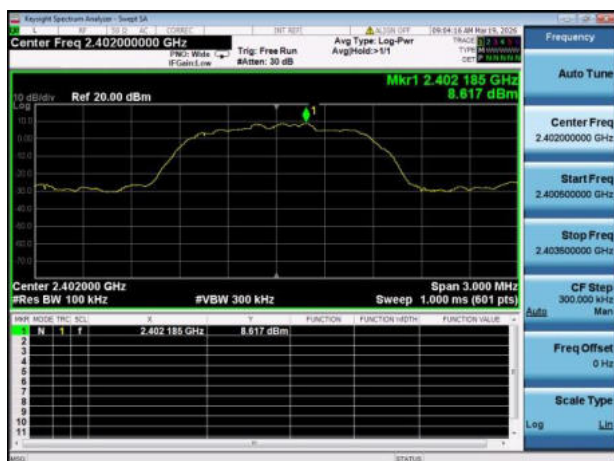
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



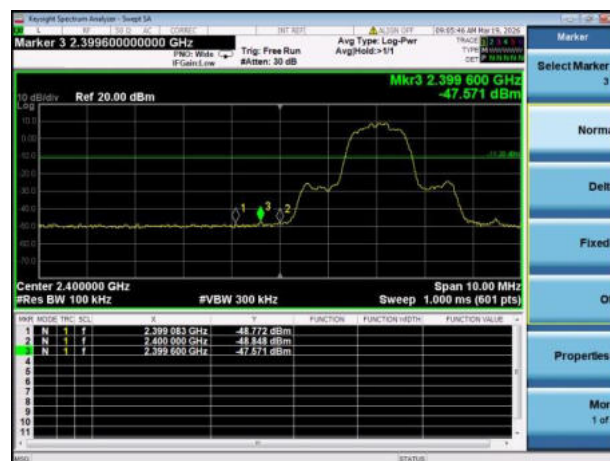
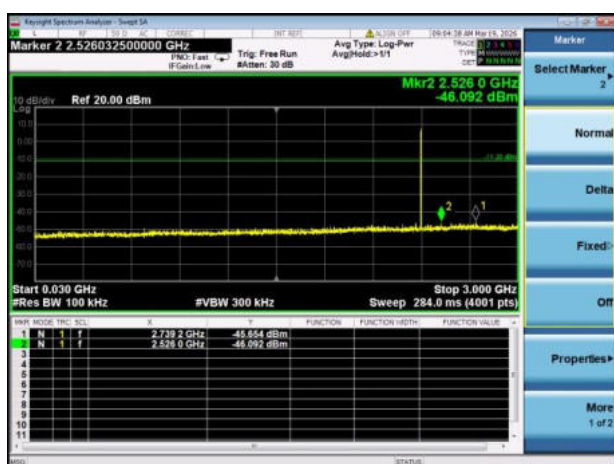
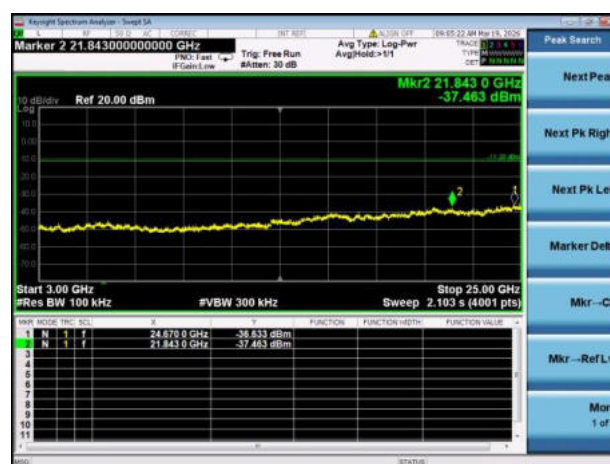
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



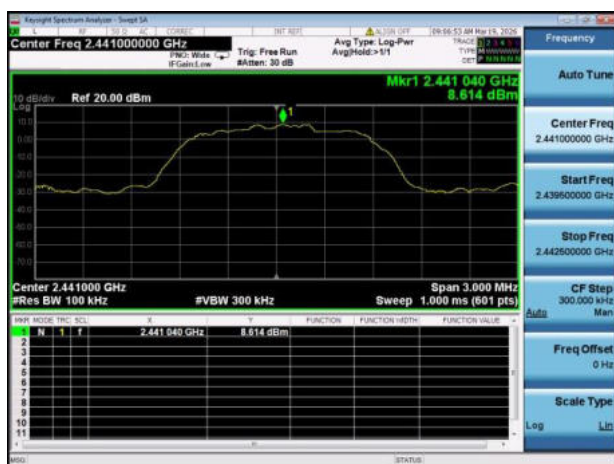
8-DPSK LOW CHANNEL, CARRIER LEVEL



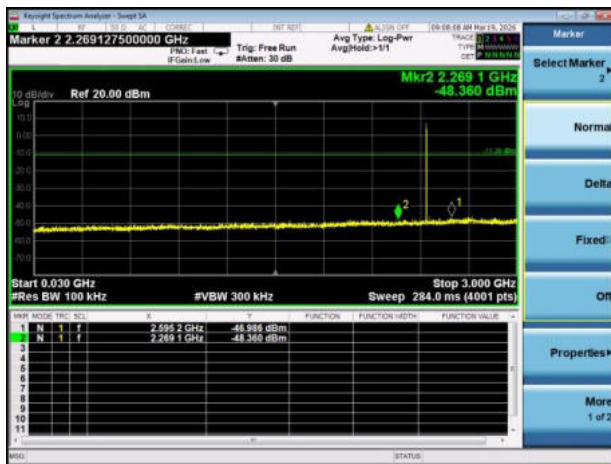
8-DPSK LOW CHANNEL, BAND EDGE

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

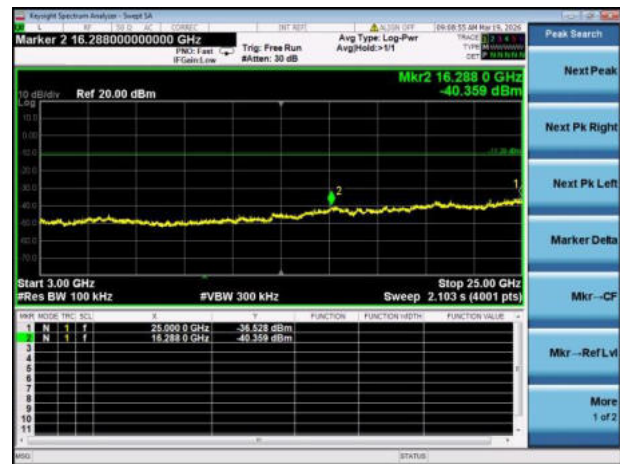
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



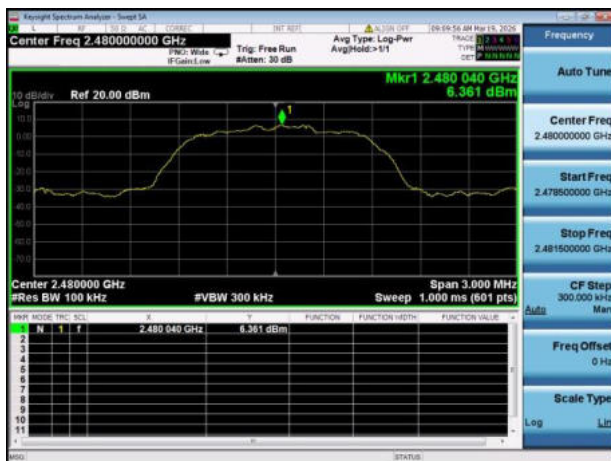
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



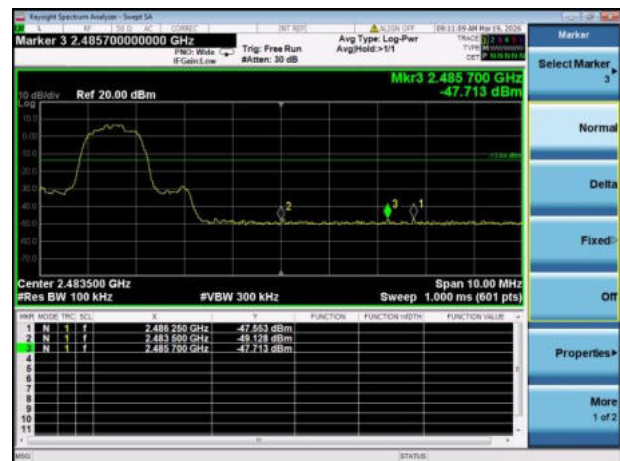
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



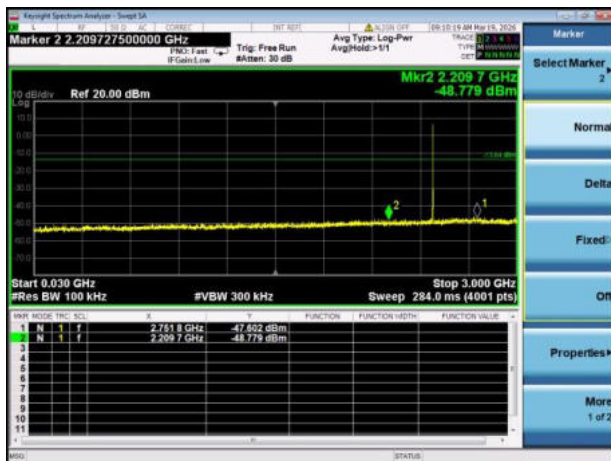
8-DPSK HIGH CHANNEL, CARRIER LEVEL



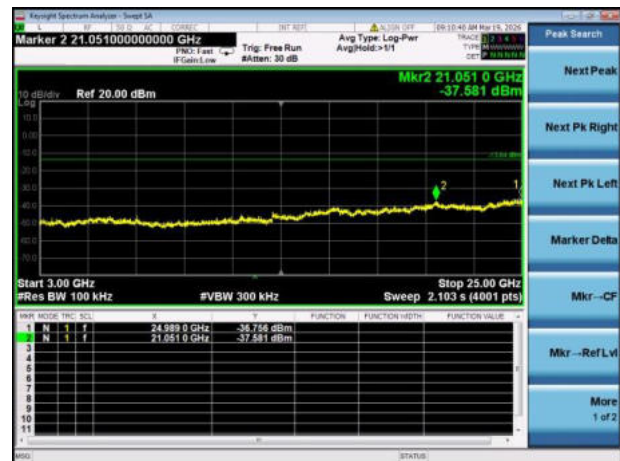
8-DPSK HIGH CHANNEL, BAND EDGE



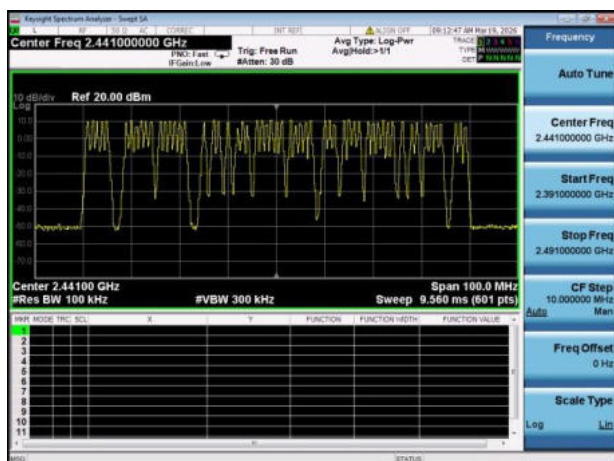
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



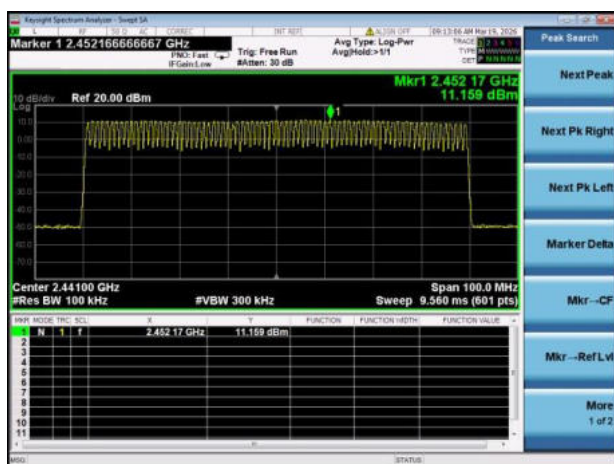
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



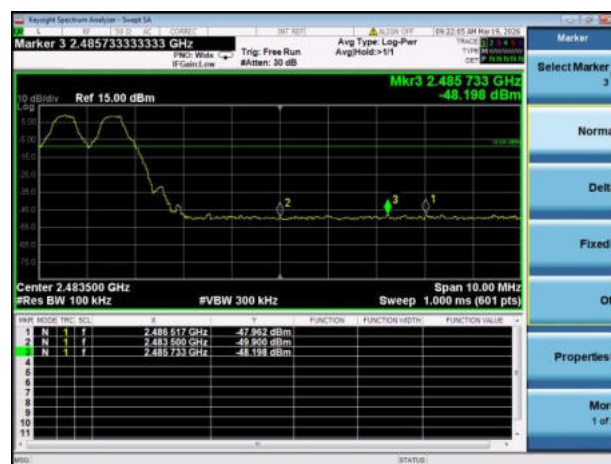
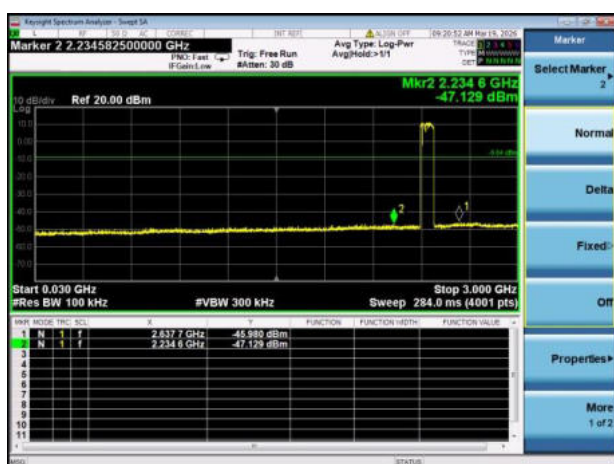
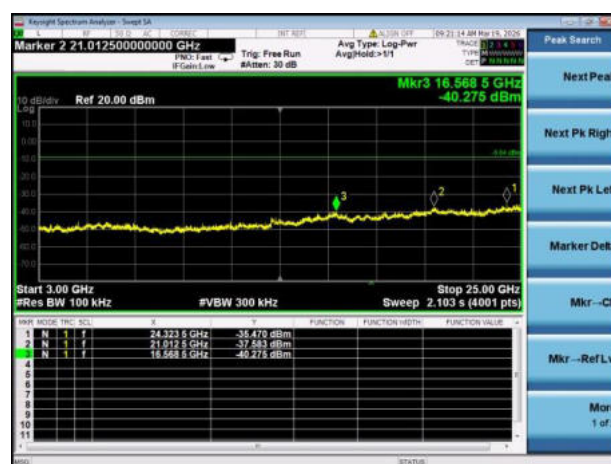
GFSK HOPPING, CARRIER LEVEL



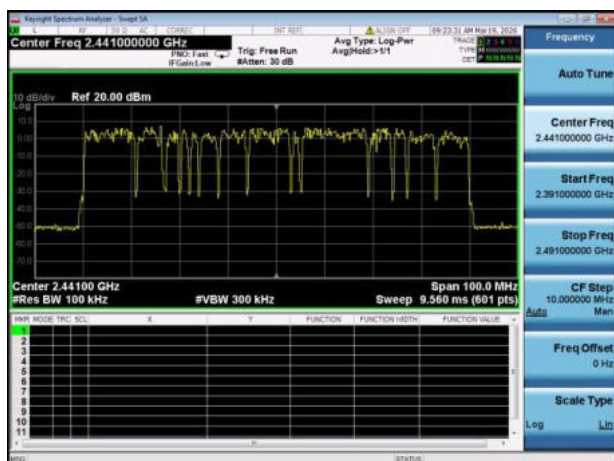
GFSK HOPPING BAND EDGE (LOW)



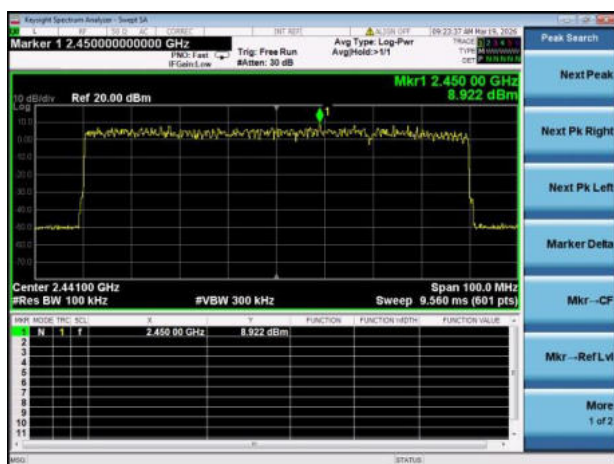
GFSK HOPPING BAND EDGE (HIGH)

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

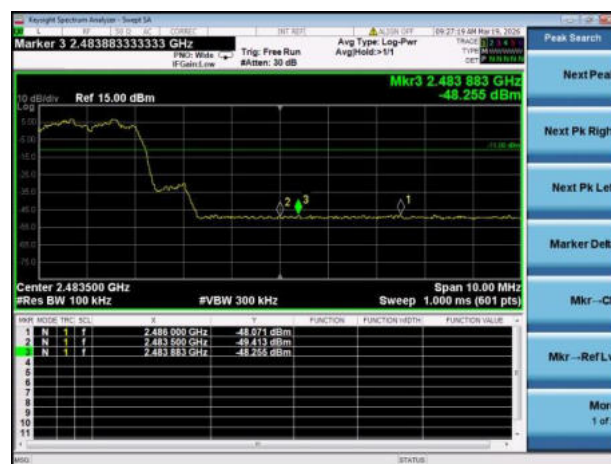
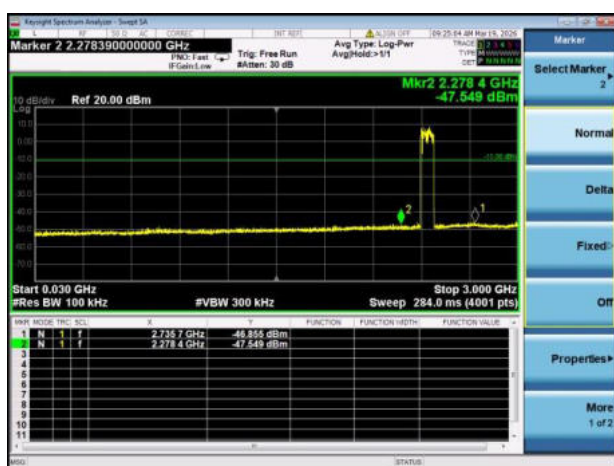
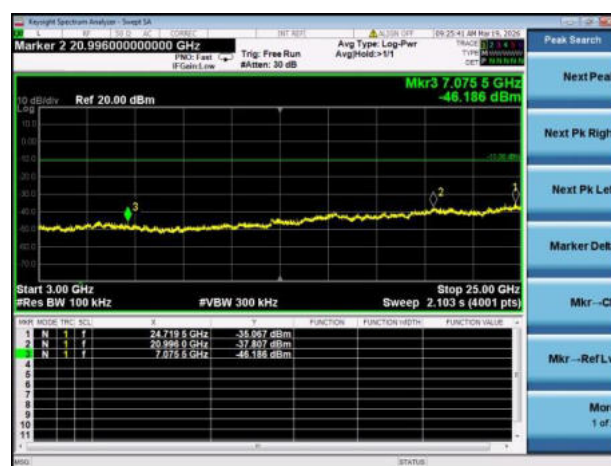
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)

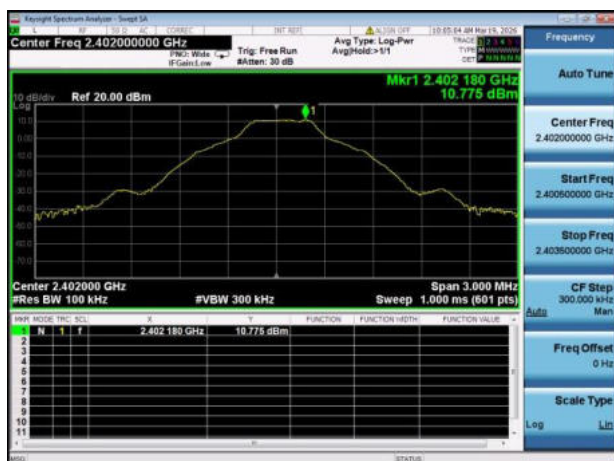


8-DPSK Hopping BAND EDGE (HIGH)

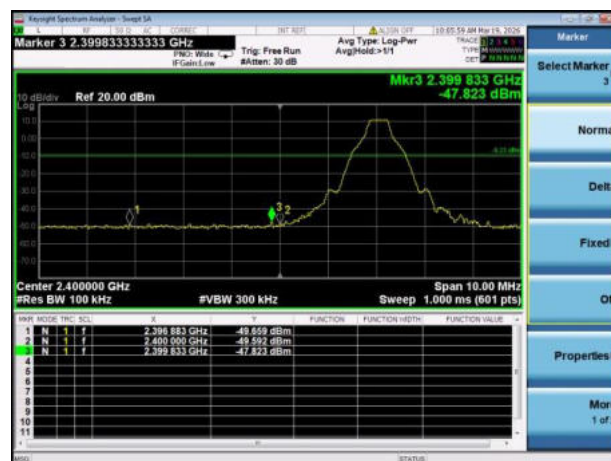
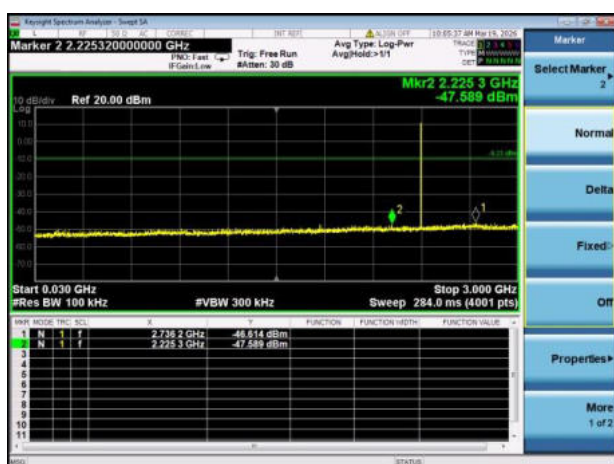
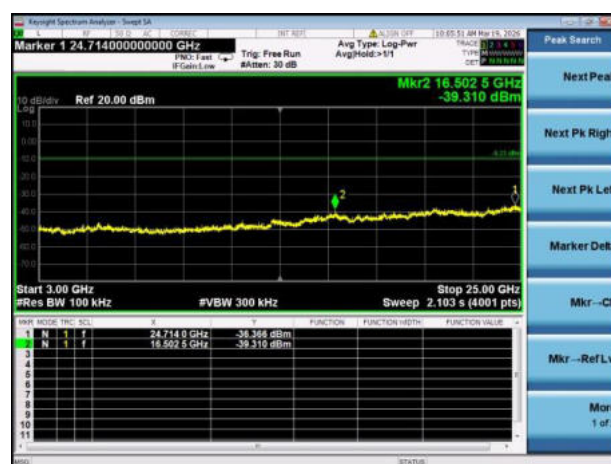
8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

ANT1

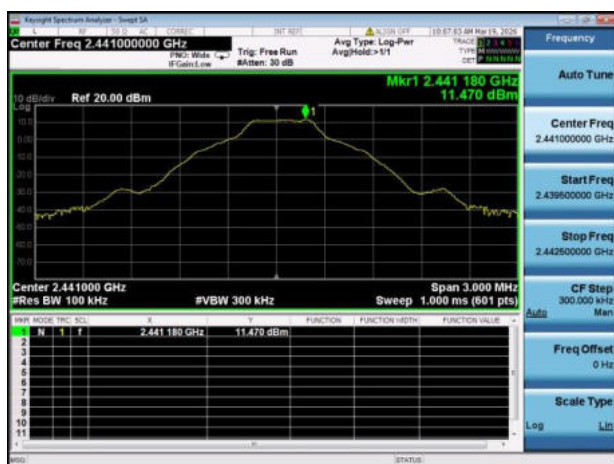
GFSK LOW CHANNEL, CARRIER LEVEL



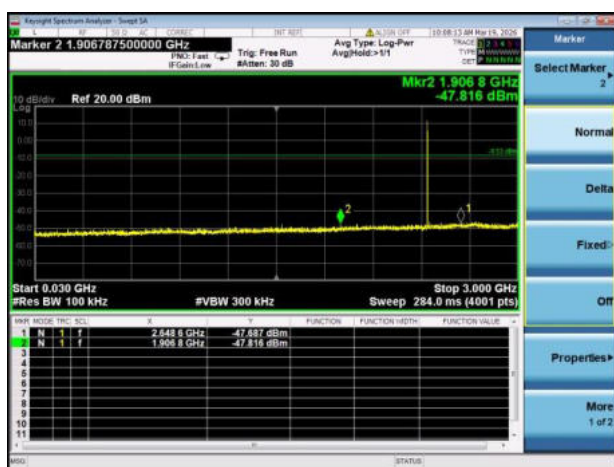
GFSK LOW CHANNEL, BAND EDGE

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

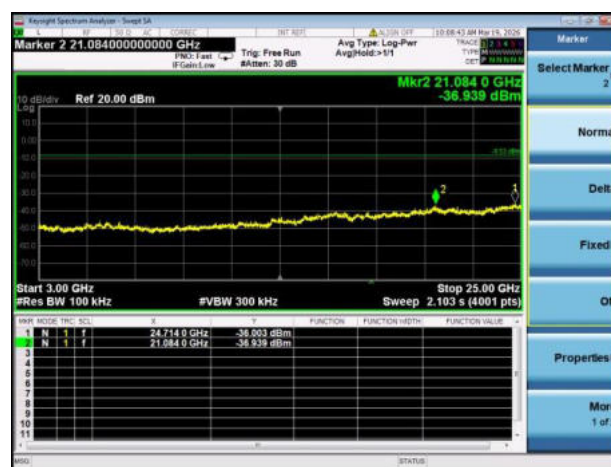
GFSK MIDDLE CHANNEL, CARRIER LEVEL



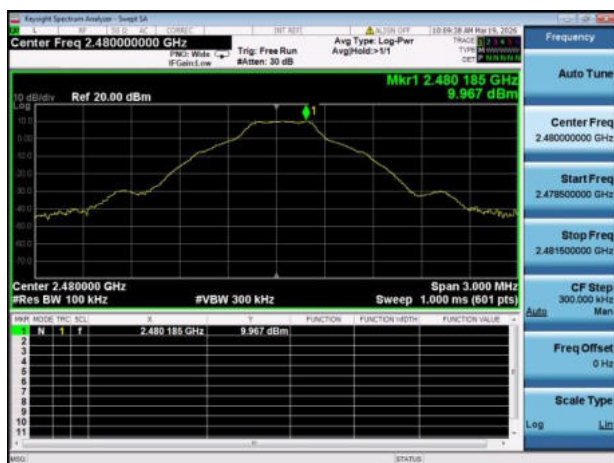
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



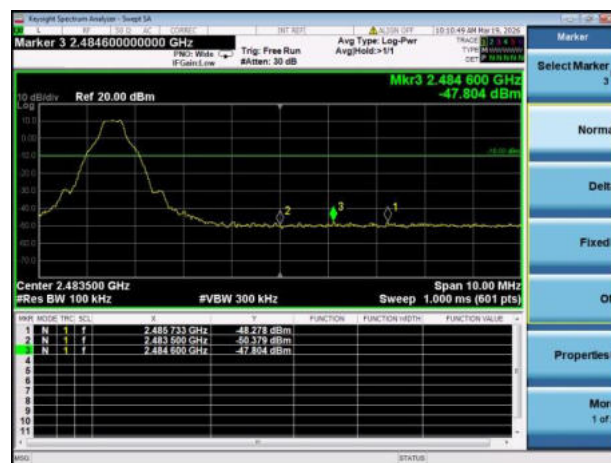
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



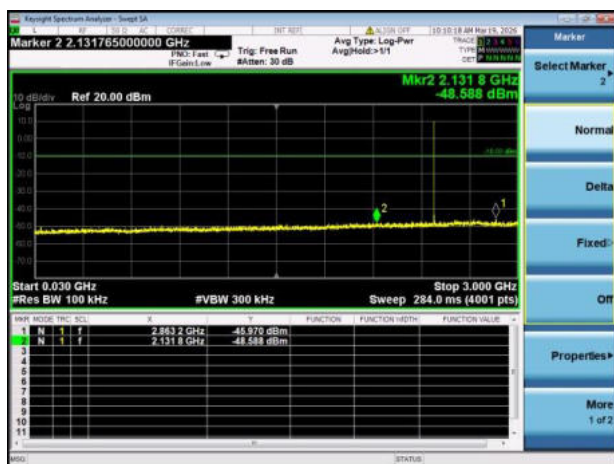
GFSK HIGH CHANNEL, CARRIER LEVEL



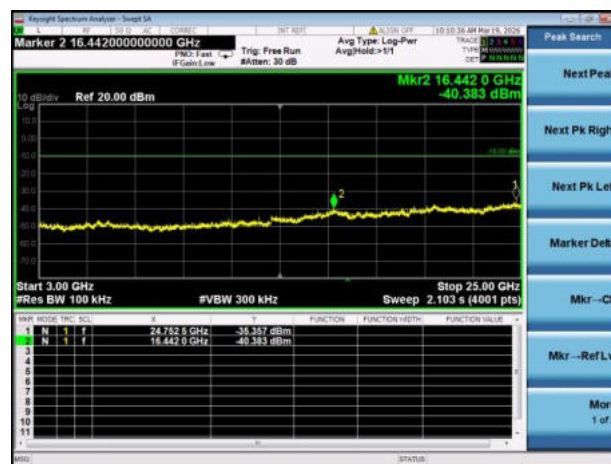
GFSK HIGH CHANNEL, BAND EDGE



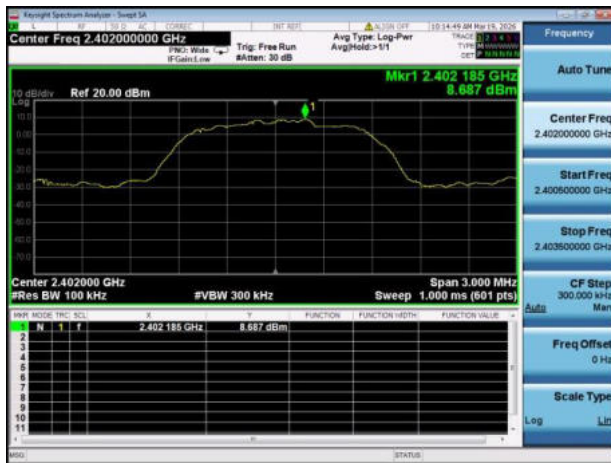
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



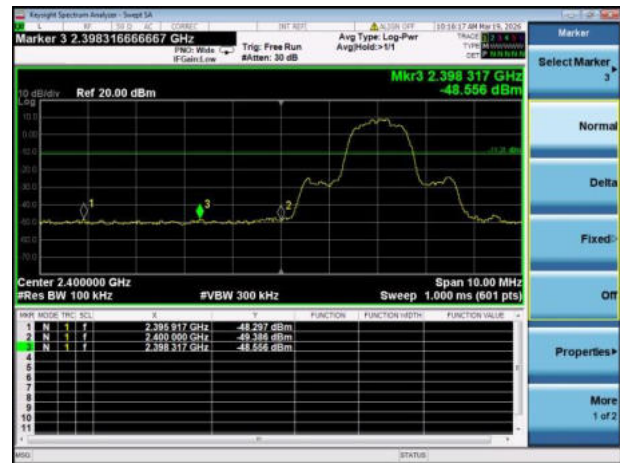
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

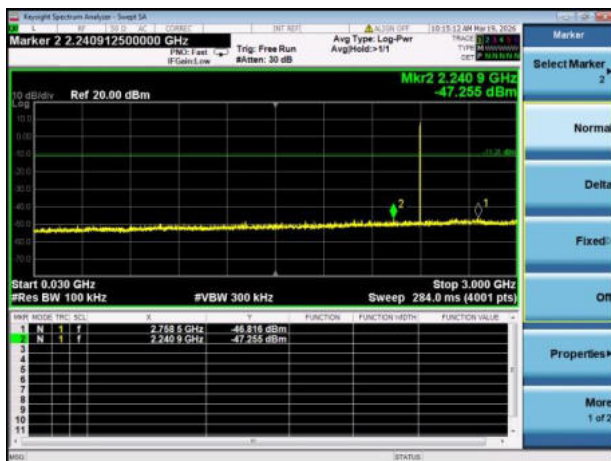


8-DPSK LOW CHANNEL, BAND EDGE



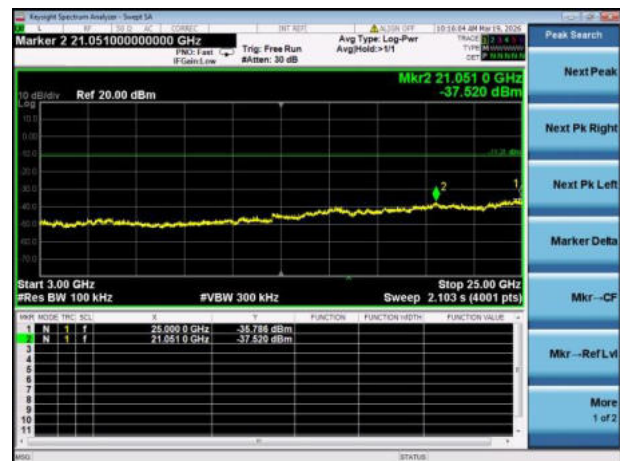
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

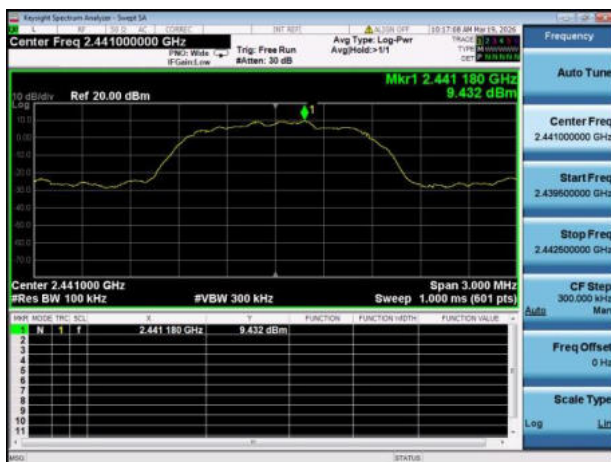


8-DPSK LOW CHANNEL, SPURIOUS

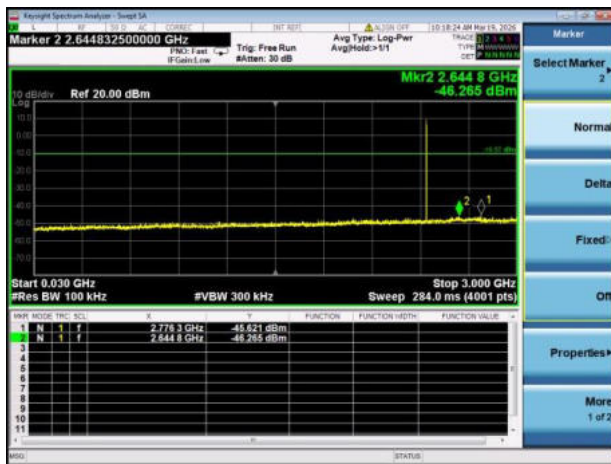
3 GHz ~ 25 GHz



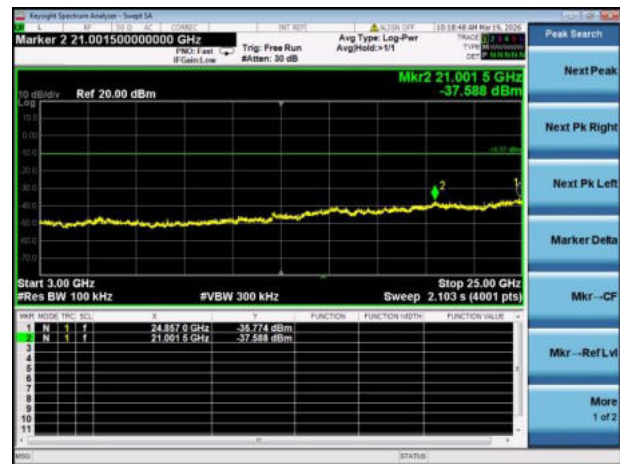
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



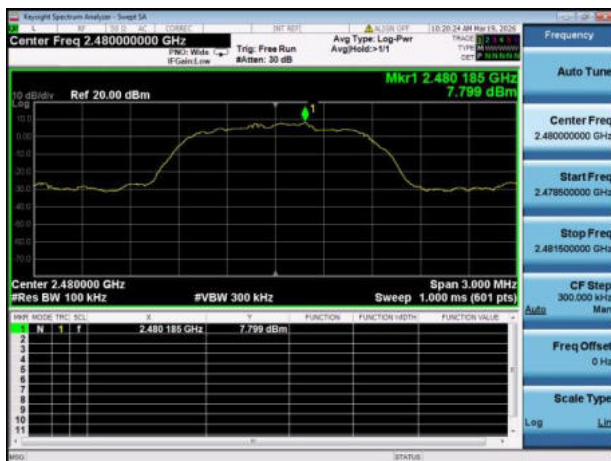
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



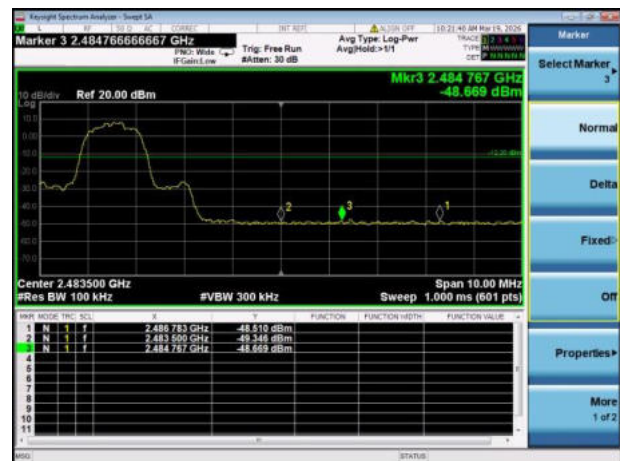
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



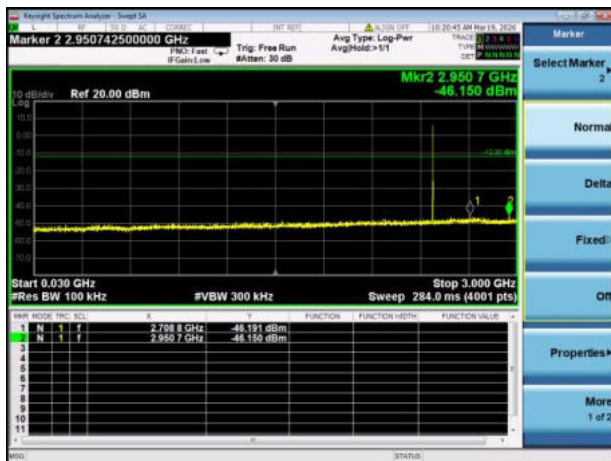
8-DPSK HIGH CHANNEL, CARRIER LEVEL



8-DPSK HIGH CHANNEL, BAND EDGE



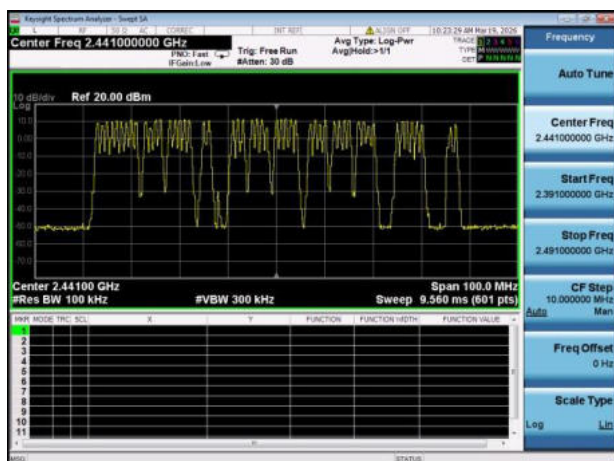
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



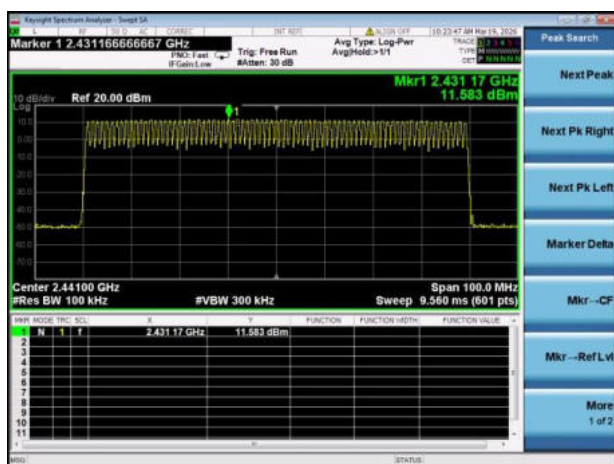
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



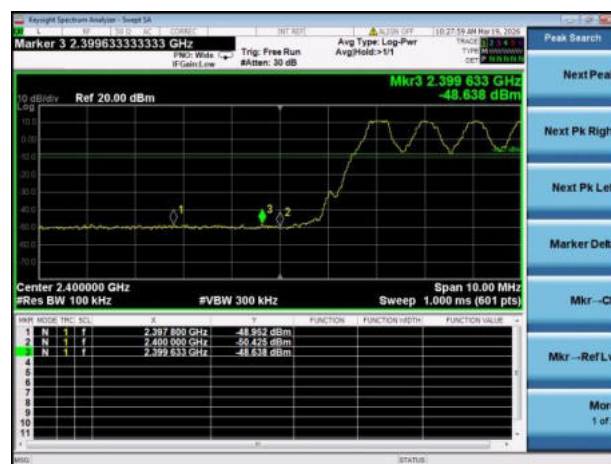
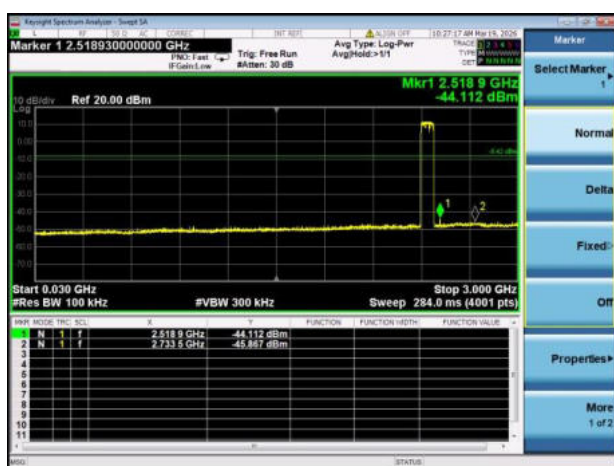
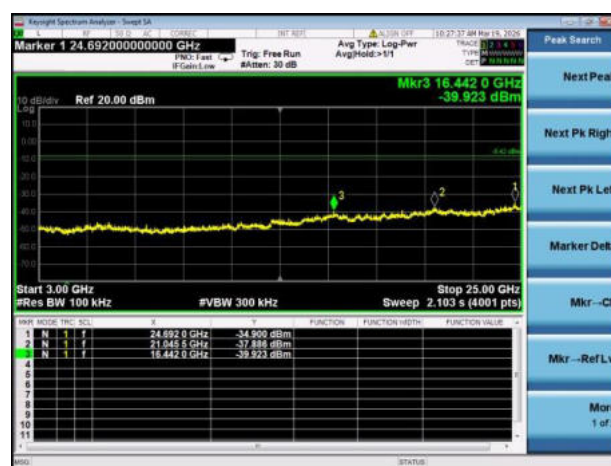
GFSK HOPPING, CARRIER LEVEL



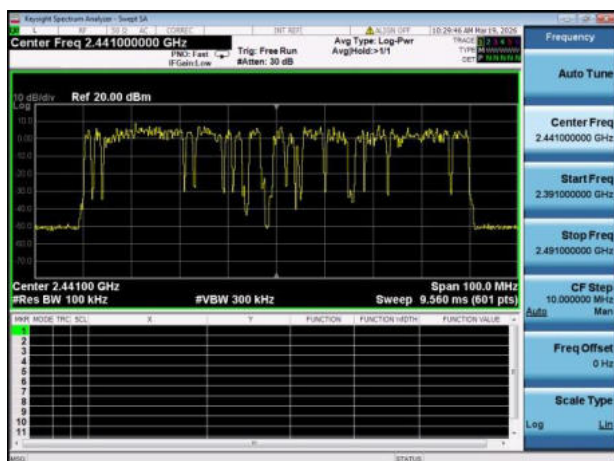
GFSK HOPPING BAND EDGE (LOW)



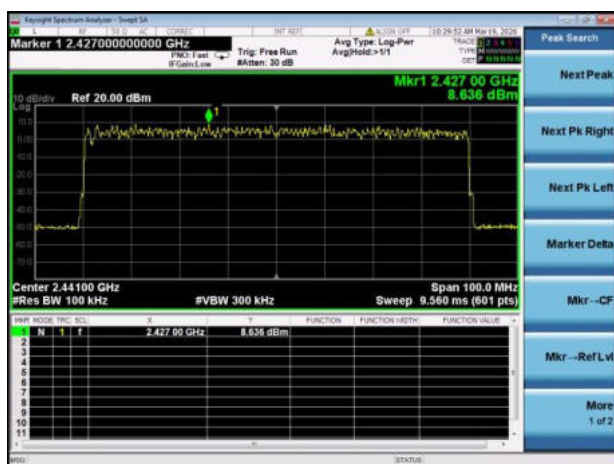
GFSK HOPPING BAND EDGE (HIGH)

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

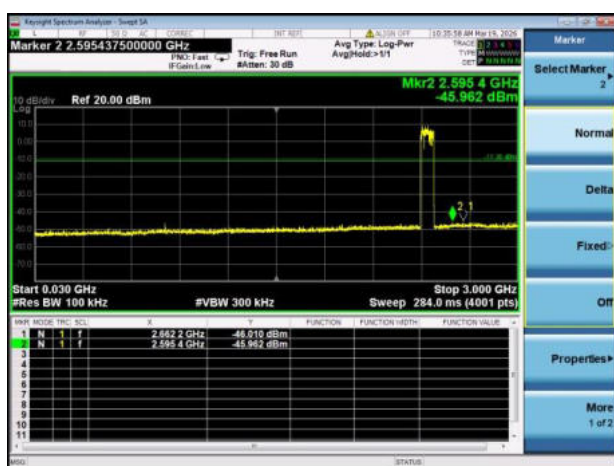
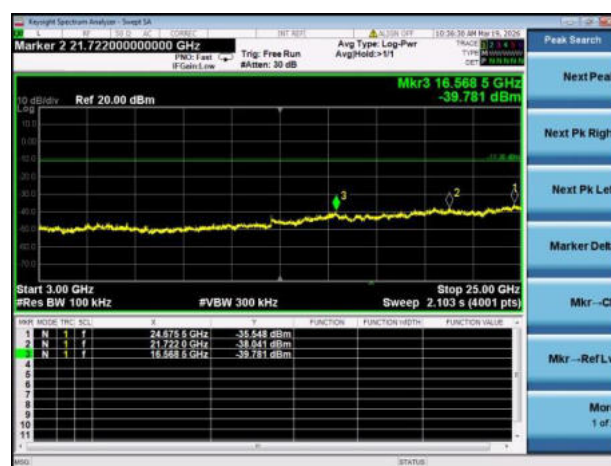
8-DPSK HOPPING, CARRIER LEVEL



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 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.

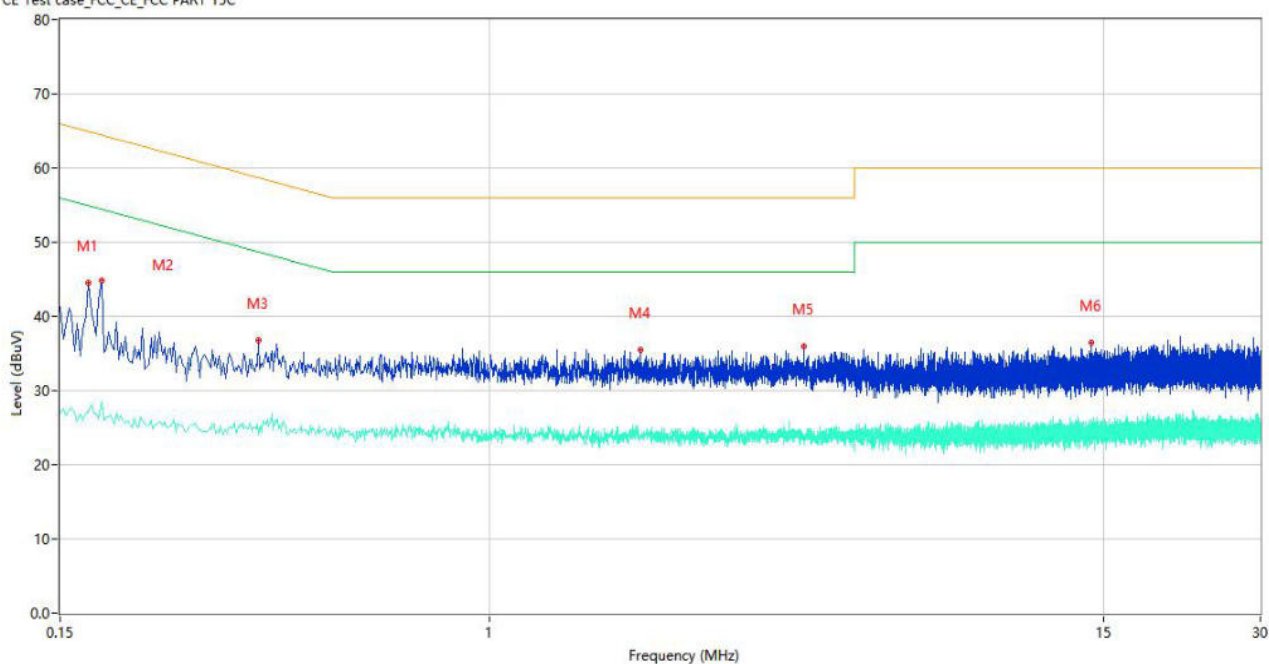
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

ANT0

PHASE L

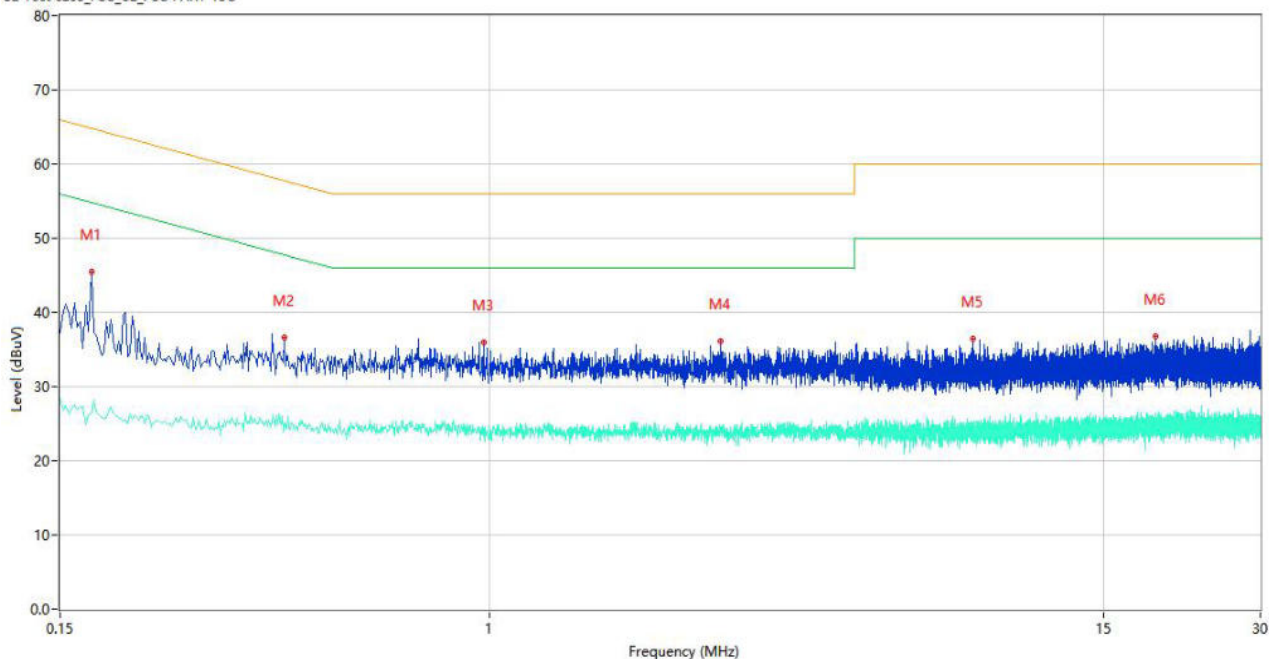
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.170	44.56	9.85	64.96	20.40	Peak	L	Pass
1**	0.170	27.02	9.85	54.96	27.94	AV	L	Pass
2	0.180	44.76	9.84	64.49	19.73	Peak	L	Pass
2**	0.180	28.50	9.84	54.49	25.99	AV	L	Pass
3	0.360	36.76	10.78	58.73	21.97	Peak	L	Pass
3**	0.360	24.00	10.78	48.73	24.73	AV	L	Pass
4	1.944	35.50	10.27	56.00	20.50	Peak	L	Pass
4**	1.944	23.82	10.27	46.00	22.18	AV	L	Pass
5	4.000	35.97	10.03	56.00	20.03	Peak	L	Pass
5**	4.000	23.72	10.03	46.00	22.28	AV	L	Pass
6	14.216	36.52	10.74	60.00	23.48	Peak	L	Pass
6**	14.216	26.16	10.74	50.00	23.84	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	45.43	9.85	64.86	19.43	Peak	N	Pass
1**	0.172	26.40	9.85	54.86	28.46	AV	N	Pass
2	0.404	36.61	10.57	57.77	21.16	Peak	N	Pass
2**	0.404	25.18	10.57	47.77	22.59	AV	N	Pass
3	0.974	35.99	10.08	56.00	20.01	Peak	N	Pass
3**	0.974	24.41	10.08	46.00	21.59	AV	N	Pass
4	2.772	36.09	10.33	56.00	19.91	Peak	N	Pass
4**	2.772	23.65	10.33	46.00	22.35	AV	N	Pass
5	8.448	36.52	10.25	60.00	23.48	Peak	N	Pass
5**	8.448	24.76	10.25	50.00	25.24	AV	N	Pass
6	18.904	36.77	11.07	60.00	23.23	Peak	N	Pass
6**	18.904	26.22	11.07	50.00	23.78	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, 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.

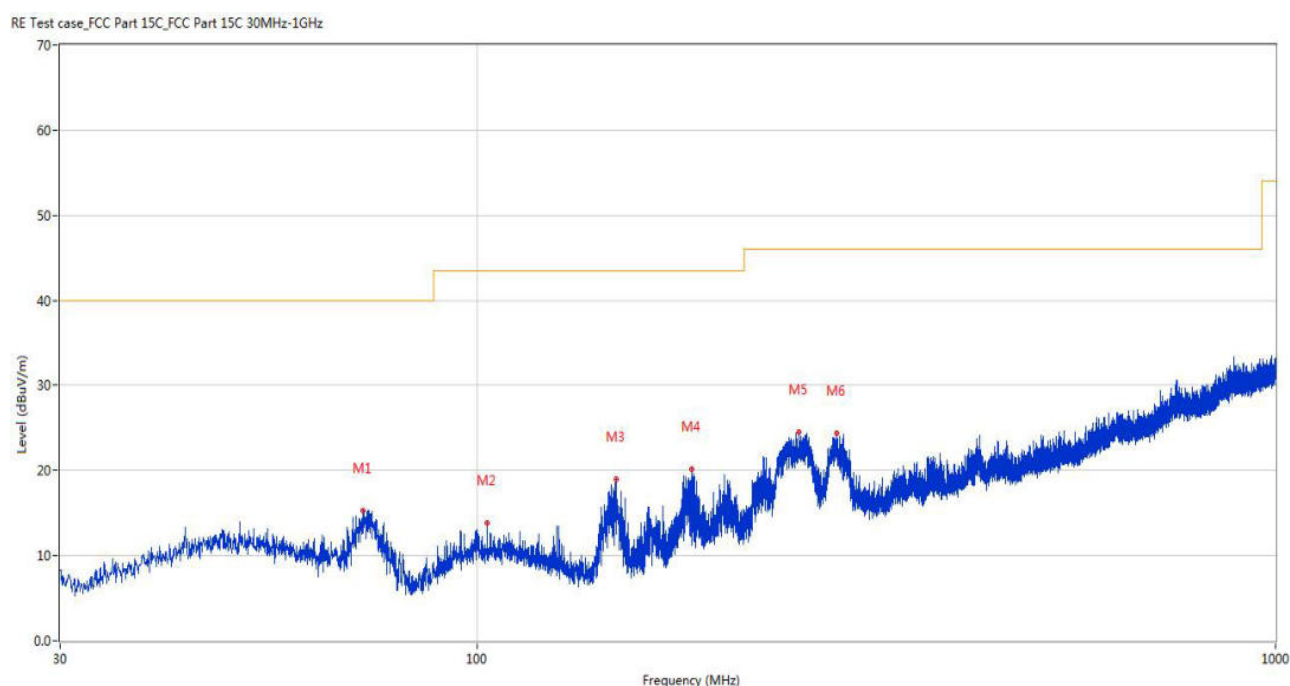
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

ANT0

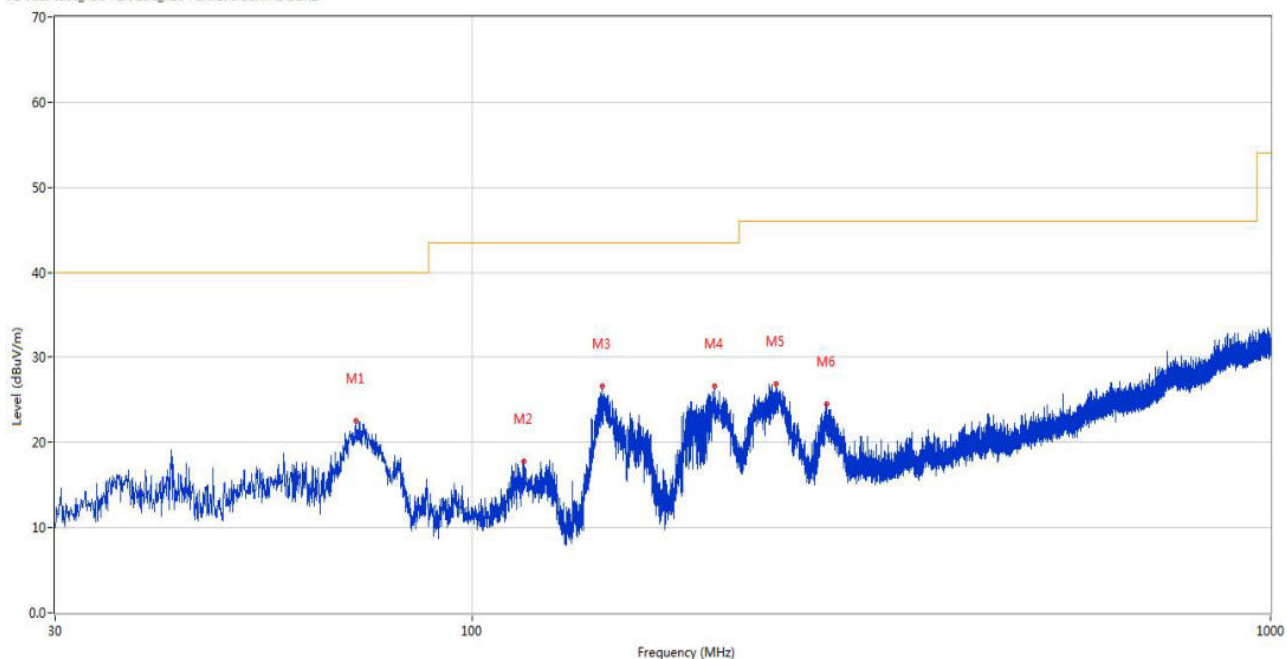
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.807	15.34	-28.79	40.0	24.66	Peak	44.50	100	Horizontal	Pass
2	102.799	13.81	-25.61	43.5	29.69	Peak	150.10	100	Horizontal	Pass
3	149.407	19.01	-28.76	43.5	24.49	Peak	117.20	100	Horizontal	Pass
4	185.346	20.21	-25.86	43.5	23.29	Peak	126.30	100	Horizontal	Pass
5	252.954	24.47	-22.71	46.0	21.53	Peak	126.30	100	Horizontal	Pass
6	281.958	24.42	-21.97	46.0	21.58	Peak	36.70	100	Horizontal	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.419	22.56	-28.74	40.0	17.44	Peak	79.10	100	Vertical	Pass
2	115.845	17.81	-26.39	43.5	25.69	Peak	195.60	100	Vertical	Pass
3	145.382	26.62	-28.77	43.5	16.88	Peak	70.70	100	Vertical	Pass
4	201.205	26.63	-24.49	43.5	16.87	Peak	16.60	100	Vertical	Pass
5	240.102	26.91	-23.29	46.0	19.09	Peak	204.00	100	Vertical	Pass
6	277.932	24.49	-22.05	46.0	21.51	Peak	218.80	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.

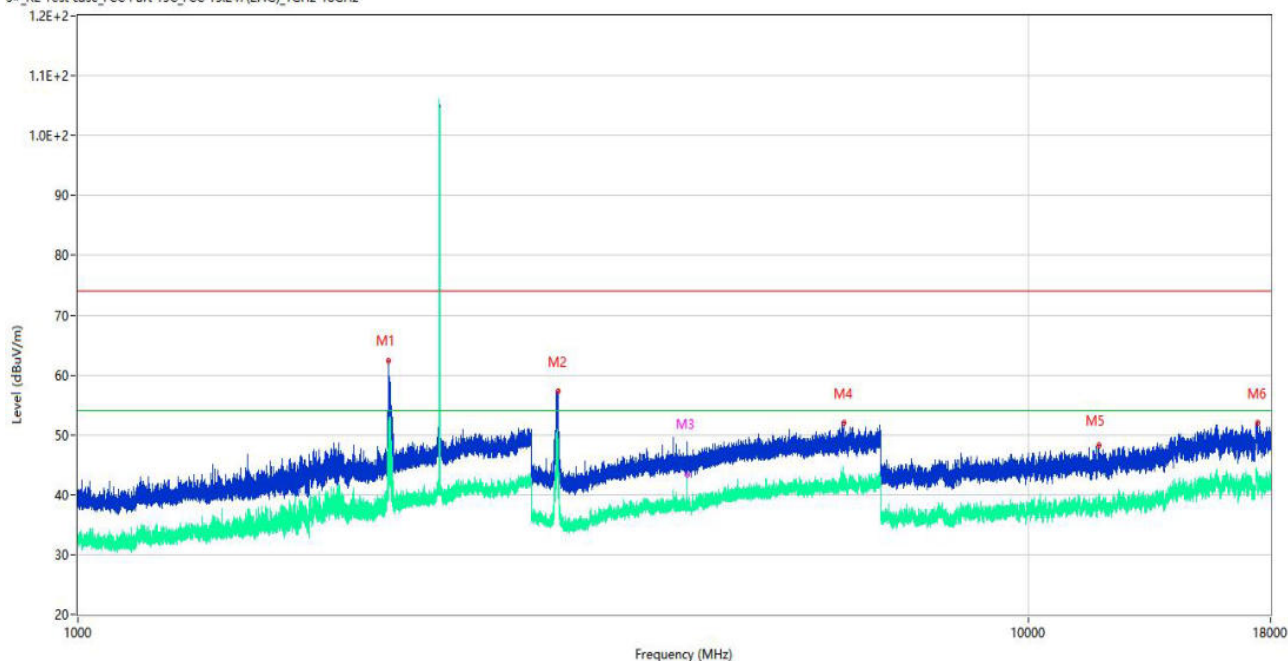
ANT0

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	2129.217	52.83	74.0	21.17	Peak	76.00	200	Horizontal	Pass
1**	2129.217	37.39	54.0	16.61	AV	76.00	200	Horizontal	Pass
2	3185.799	56.44	74.0	17.56	Peak	162.00	400	Horizontal	Pass
2**	3185.799	43.85	54.0	10.15	AV	162.00	400	Horizontal	Pass
3	4378.916	48.06	74.0	25.94	Peak	103.00	200	Horizontal	Pass
3**	4378.916	45.88	54.0	8.12	AV	103.00	200	Horizontal	Pass
4	6984.180	50.88	74.0	23.12	Peak	243.00	100	Horizontal	Pass
4**	6984.180	43.50	54.0	10.50	AV	243.00	100	Horizontal	Pass
5	11727.809	47.74	74.0	26.26	Peak	208.00	300	Horizontal	Pass
5**	11727.809	41.87	54.0	12.13	AV	208.00	300	Horizontal	Pass
6	17384.690	48.61	74.0	25.39	Peak	71.00	400	Horizontal	Pass
6**	17384.690	43.84	54.0	10.16	AV	71.00	400	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	2126.160	64.13	74.0	9.87	Peak	39.00	400	Vertical	Pass
1**	2126.160	49.62	54.0	4.38	AV	39.00	400	Vertical	Pass
2	3199.548	59.20	74.0	14.80	Peak	199.00	300	Vertical	Pass
2**	3199.548	44.53	54.0	9.47	AV	199.00	300	Vertical	Pass
3	4371.262	45.82	74.0	28.18	Peak	136.00	200	Vertical	Pass
3**	4371.262	43.20	54.0	10.80	AV	136.00	200	Vertical	Pass
4	6391.605	53.52	74.0	20.48	Peak	275.00	300	Vertical	Pass
4**	6391.605	45.53	54.0	8.47	AV	275.00	300	Vertical	Pass
5	11870.125	49.51	74.0	24.49	Peak	215.00	100	Vertical	Pass
5**	11870.125	38.51	54.0	15.49	AV	215.00	100	Vertical	Pass
6	17431.296	50.89	74.0	23.11	Peak	110.00	200	Vertical	Pass
6**	17431.296	45.35	54.0	8.65	AV	110.00	200	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	2128.185	54.82	74.0	19.18	Peak	67.00	200	Horizontal	Pass
1**	2128.185	38.72	54.0	15.28	AV	67.00	200	Horizontal	Pass
2	3189.816	53.92	74.0	20.08	Peak	250.00	400	Horizontal	Pass
2**	3189.816	45.22	54.0	8.78	AV	250.00	400	Horizontal	Pass
3	4371.736	47.33	74.0	26.67	Peak	158.00	200	Horizontal	Pass
3**	4371.736	43.27	54.0	10.73	AV	158.00	200	Horizontal	Pass
4	6977.989	50.64	74.0	23.36	Peak	53.00	100	Horizontal	Pass
4**	6977.989	40.23	54.0	13.77	AV	53.00	100	Horizontal	Pass
5	11726.675	49.69	74.0	24.31	Peak	271.00	300	Horizontal	Pass
5**	11726.675	39.89	54.0	14.11	AV	271.00	300	Horizontal	Pass
6	17383.450	52.29	74.0	21.71	Peak	257.00	100	Horizontal	Pass
6**	17383.450	42.78	54.0	11.22	AV	257.00	100	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2126.529	59.36	74.0	14.64	Peak	23.00	400	Vertical	Pass
1**	2126.529	49.28	54.0	4.72	AV	23.00	400	Vertical	Pass
2	3199.550	59.83	74.0	14.17	Peak	231.00	400	Vertical	Pass
2**	3199.550	47.76	54.0	6.24	AV	231.00	400	Vertical	Pass
3	4377.836	48.39	74.0	25.61	Peak	257.00	200	Vertical	Pass
3**	4377.836	43.40	54.0	10.60	AV	257.00	200	Vertical	Pass
4	6396.304	50.00	74.0	24.00	Peak	295.00	100	Vertical	Pass
4**	6396.304	44.17	54.0	9.83	AV	295.00	100	Vertical	Pass
5	11866.327	47.02	74.0	26.98	Peak	356.00	200	Vertical	Pass
5**	11866.327	37.76	54.0	16.24	AV	356.00	200	Vertical	Pass
6	17428.471	54.30	74.0	19.70	Peak	161.00	400	Vertical	Pass
6**	17428.471	41.21	54.0	12.79	AV	161.00	400	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2125.893	55.13	74.0	18.87	Peak	332.00	100	Horizontal	Pass
1**	2125.893	37.26	54.0	16.74	AV	332.00	100	Horizontal	Pass
2	3189.712	54.30	74.0	19.70	Peak	251.00	300	Horizontal	Pass
2**	3189.712	43.08	54.0	10.92	AV	251.00	300	Horizontal	Pass
3	4371.915	51.78	74.0	22.22	Peak	306.00	200	Horizontal	Pass
3**	4371.915	45.82	54.0	8.18	AV	306.00	200	Horizontal	Pass
4	6982.121	52.75	74.0	21.25	Peak	59.00	200	Horizontal	Pass
4**	6982.121	44.40	54.0	9.60	AV	59.00	200	Horizontal	Pass
5	11730.997	46.04	74.0	27.96	Peak	29.00	300	Horizontal	Pass
5**	11730.997	39.80	54.0	14.20	AV	29.00	300	Horizontal	Pass
6	17386.759	51.22	74.0	22.78	Peak	186.00	400	Horizontal	Pass
6**	17386.759	40.43	54.0	13.57	AV	186.00	400	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2123.830	59.38	74.0	14.62	Peak	190.00	400	Vertical	Pass
1**	2123.830	48.60	54.0	5.40	AV	190.00	400	Vertical	Pass
2	3199.369	58.10	74.0	15.90	Peak	86.00	100	Vertical	Pass
2**	3199.369	45.52	54.0	8.48	AV	86.00	100	Vertical	Pass
3	4372.047	50.27	74.0	23.73	Peak	27.00	200	Vertical	Pass
3**	4372.047	42.75	54.0	11.25	AV	27.00	200	Vertical	Pass
4	6393.408	53.78	74.0	20.22	Peak	220.00	300	Vertical	Pass
4**	6393.408	40.69	54.0	13.31	AV	220.00	300	Vertical	Pass
5	11866.564	48.81	74.0	25.19	Peak	30.00	200	Vertical	Pass
5**	11866.564	36.19	54.0	17.81	AV	30.00	200	Vertical	Pass
6	17431.598	49.73	74.0	24.27	Peak	165.00	100	Vertical	Pass
6**	17431.598	44.00	54.0	10.00	AV	165.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.411	39.76	74.0	34.24	Peak	211.00	300	Horizontal	Pass
1**	1286.411	34.96	54.0	19.04	AV	211.00	300	Horizontal	Pass
2	2769.405	50.14	74.0	23.86	Peak	329.00	100	Horizontal	Pass
2**	2769.405	41.78	54.0	12.22	AV	329.00	100	Horizontal	Pass
3	5167.052	50.46	74.0	23.54	Peak	156.00	200	Horizontal	Pass
3**	5167.052	44.15	54.0	9.85	AV	156.00	200	Horizontal	Pass
4	6806.794	55.59	74.0	18.41	Peak	112.00	400	Horizontal	Pass
4**	6806.794	48.59	54.0	5.41	AV	112.00	400	Horizontal	Pass
5	13466.332	52.87	74.0	21.13	Peak	288.00	100	Horizontal	Pass
5**	13466.332	44.89	54.0	9.11	AV	288.00	100	Horizontal	Pass
6	17466.739	54.83	74.0	19.17	Peak	172.00	400	Horizontal	Pass
6**	17466.739	48.22	54.0	5.78	AV	172.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.028	41.52	74.0	32.48	Peak	132.00	200	Vertical	Pass
1**	1282.028	31.88	54.0	22.12	AV	132.00	200	Vertical	Pass
2	2771.870	54.89	74.0	19.11	Peak	348.00	200	Vertical	Pass
2**	2771.870	46.25	54.0	7.75	AV	348.00	200	Vertical	Pass
3	5162.414	53.02	74.0	20.98	Peak	181.00	200	Vertical	Pass
3**	5162.414	44.15	54.0	9.85	AV	181.00	200	Vertical	Pass
4	6805.315	52.65	74.0	21.35	Peak	35.00	300	Vertical	Pass
4**	6805.315	48.32	54.0	5.68	AV	35.00	300	Vertical	Pass
5	13468.121	55.83	74.0	18.17	Peak	183.00	300	Vertical	Pass
5**	13468.121	44.46	54.0	9.54	AV	183.00	300	Vertical	Pass
6	17467.475	60.21	74.0	13.79	Peak	33.00	400	Vertical	Pass
6**	17467.475	47.29	54.0	6.71	AV	33.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1285.666	40.25	74.0	33.75	Peak	329.00	300	Horizontal	Pass
1**	1285.666	31.85	54.0	22.15	AV	329.00	300	Horizontal	Pass
2	2774.334	53.79	74.0	20.21	Peak	51.00	300	Horizontal	Pass
2**	2774.334	44.29	54.0	9.71	AV	51.00	300	Horizontal	Pass
3	5170.801	53.64	74.0	20.36	Peak	170.00	200	Horizontal	Pass
3**	5170.801	43.72	54.0	10.28	AV	170.00	200	Horizontal	Pass
4	6806.307	52.84	74.0	21.16	Peak	344.00	100	Horizontal	Pass
4**	6806.307	45.78	54.0	8.22	AV	344.00	100	Horizontal	Pass
5	13465.291	56.56	74.0	17.44	Peak	92.00	100	Horizontal	Pass
5**	13465.291	45.32	54.0	8.68	AV	92.00	100	Horizontal	Pass
6	17466.594	56.99	74.0	17.01	Peak	2.00	100	Horizontal	Pass
6**	17466.594	49.30	54.0	4.70	AV	2.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1279.775	43.87	74.0	30.13	Peak	30.00	300	Vertical	Pass
1**	1279.775	36.60	54.0	17.40	AV	30.00	300	Vertical	Pass
2	2770.336	54.23	74.0	19.77	Peak	350.00	100	Vertical	Pass
2**	2770.336	42.92	54.0	11.08	AV	350.00	100	Vertical	Pass
3	5161.091	55.43	74.0	18.57	Peak	264.00	200	Vertical	Pass
3**	5161.091	41.50	54.0	12.50	AV	264.00	200	Vertical	Pass
4	6804.580	53.74	74.0	20.26	Peak	227.00	200	Vertical	Pass
4**	6804.580	43.46	54.0	10.54	AV	227.00	200	Vertical	Pass
5	13469.903	51.66	74.0	22.34	Peak	94.00	200	Vertical	Pass
5**	13469.903	40.81	54.0	13.19	AV	94.00	200	Vertical	Pass
6	17461.226	57.01	74.0	16.99	Peak	149.00	300	Vertical	Pass
6**	17461.226	48.26	54.0	5.74	AV	149.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.358	41.67	74.0	32.33	Peak	104.00	400	Horizontal	Pass
1**	1286.358	33.31	54.0	20.69	AV	104.00	400	Horizontal	Pass
2	2769.319	54.03	74.0	19.97	Peak	340.00	100	Horizontal	Pass
2**	2769.319	42.40	54.0	11.60	AV	340.00	100	Horizontal	Pass
3	5171.113	51.30	74.0	22.70	Peak	169.00	200	Horizontal	Pass
3**	5171.113	45.34	54.0	8.66	AV	169.00	200	Horizontal	Pass
4	6804.656	52.63	74.0	21.37	Peak	275.00	100	Horizontal	Pass
4**	6804.656	46.22	54.0	7.78	AV	275.00	100	Horizontal	Pass
5	13464.838	55.51	74.0	18.49	Peak	161.00	200	Horizontal	Pass
5**	13464.838	45.12	54.0	8.88	AV	161.00	200	Horizontal	Pass
6	17466.883	54.70	74.0	19.30	Peak	184.00	300	Horizontal	Pass
6**	17466.883	43.92	54.0	10.08	AV	184.00	300	Horizontal	Pass

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

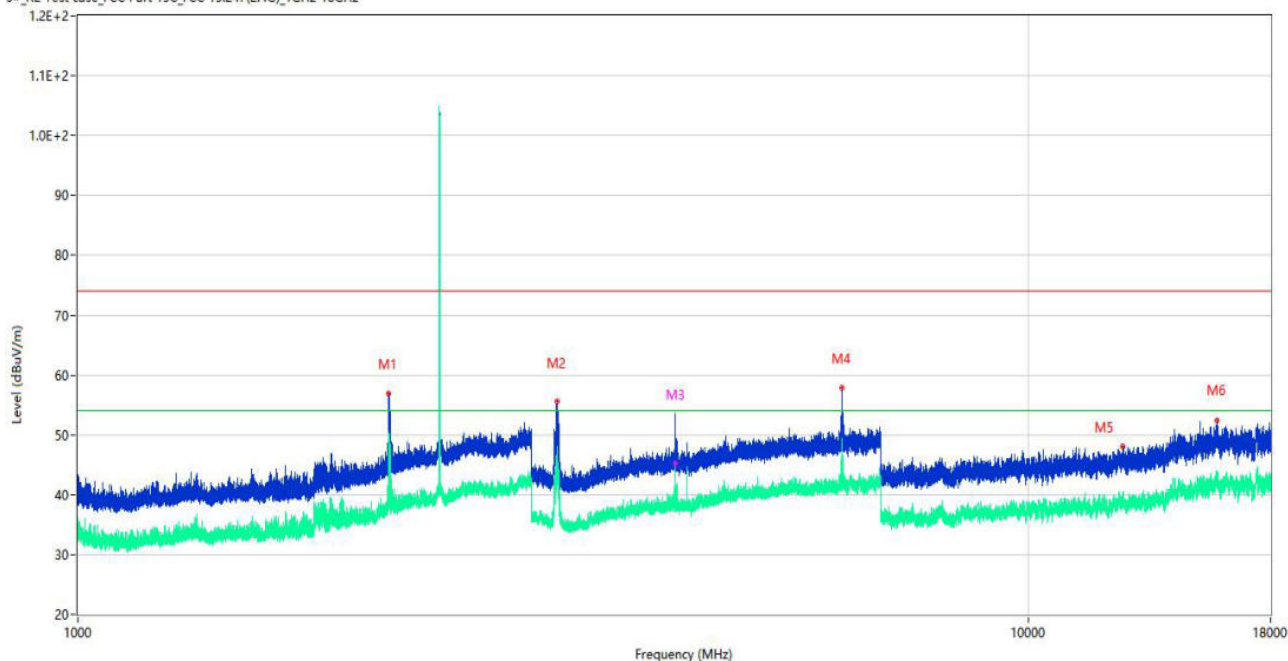
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1283.688	44.30	74.0	29.70	Peak	96.00	400	Vertical	Pass
1**	1283.688	34.53	54.0	19.47	AV	96.00	400	Vertical	Pass
2	2772.396	51.00	74.0	23.00	Peak	293.00	200	Vertical	Pass
2**	2772.396	44.63	54.0	9.37	AV	293.00	200	Vertical	Pass
3	5165.145	53.47	74.0	20.53	Peak	57.00	200	Vertical	Pass
3**	5165.145	42.11	54.0	11.89	AV	57.00	200	Vertical	Pass
4	6807.834	52.68	74.0	21.32	Peak	341.00	200	Vertical	Pass
4**	6807.834	48.50	54.0	5.50	AV	341.00	200	Vertical	Pass
5	13469.319	54.70	74.0	19.30	Peak	168.00	200	Vertical	Pass
5**	13469.319	43.45	54.0	10.55	AV	168.00	200	Vertical	Pass
6	17461.234	58.94	74.0	15.06	Peak	157.00	200	Vertical	Pass
6**	17461.234	48.70	54.0	5.30	AV	157.00	200	Vertical	Pass

ANT1**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	2131.064	52.07	74.0	21.93	Peak	268.00	100	Horizontal	Pass
1**	2131.064	38.47	54.0	15.53	AV	268.00	100	Horizontal	Pass
2	3185.497	54.33	74.0	19.67	Peak	67.00	300	Horizontal	Pass
2**	3185.497	42.62	54.0	11.38	AV	67.00	300	Horizontal	Pass
3	4371.855	51.29	74.0	22.71	Peak	280.00	200	Horizontal	Pass
3**	4371.855	47.04	54.0	6.96	AV	280.00	200	Horizontal	Pass
4	6983.430	53.14	74.0	20.86	Peak	132.00	400	Horizontal	Pass
4**	6983.430	39.70	54.0	14.30	AV	132.00	400	Horizontal	Pass
5	11731.785	46.86	74.0	27.14	Peak	158.00	400	Horizontal	Pass
5**	11731.785	36.35	54.0	17.65	AV	158.00	400	Horizontal	Pass
6	17383.701	52.72	74.0	21.28	Peak	359.00	100	Horizontal	Pass
6**	17383.701	42.75	54.0	11.25	AV	359.00	100	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	2127.799	55.91	74.0	18.09	Peak	266.00	100	Vertical	Pass
1**	2127.799	49.75	54.0	4.25	AV	266.00	100	Vertical	Pass
2	3198.561	56.23	74.0	17.77	Peak	109.00	200	Vertical	Pass
2**	3198.561	45.47	54.0	8.53	AV	109.00	200	Vertical	Pass
3	4247.505	51.57	74.0	22.43	Peak	327.00	200	Vertical	Pass
3**	4247.505	47.29	54.0	6.71	AV	327.00	200	Vertical	Pass
4	6375.640	59.21	74.0	14.79	Peak	156.00	300	Vertical	Pass
4**	6375.640	43.36	54.0	10.64	AV	156.00	300	Vertical	Pass
5	12590.804	51.05	74.0	22.95	Peak	68.00	100	Vertical	Pass
5**	12590.804	39.30	54.0	14.70	AV	68.00	100	Vertical	Pass
6	15796.138	50.25	74.0	23.75	Peak	348.00	300	Vertical	Pass
6**	15796.138	41.09	54.0	12.91	AV	348.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2124.899	53.90	74.0	20.10	Peak	32.00	400	Horizontal	Pass
1**	2124.899	39.02	54.0	14.98	AV	32.00	400	Horizontal	Pass
2	3184.971	56.12	74.0	17.88	Peak	219.00	100	Horizontal	Pass
2**	3184.971	45.42	54.0	8.58	AV	219.00	100	Horizontal	Pass
3	4377.341	49.22	74.0	24.78	Peak	321.00	200	Horizontal	Pass
3**	4377.341	45.66	54.0	8.34	AV	321.00	200	Horizontal	Pass
4	6977.266	53.83	74.0	20.17	Peak	81.00	200	Horizontal	Pass
4**	6977.266	40.07	54.0	13.93	AV	81.00	200	Horizontal	Pass
5	11728.499	50.22	74.0	23.78	Peak	294.00	100	Horizontal	Pass
5**	11728.499	38.14	54.0	15.86	AV	294.00	100	Horizontal	Pass
6	17384.380	49.23	74.0	24.77	Peak	46.00	300	Horizontal	Pass
6**	17384.380	41.51	54.0	12.49	AV	46.00	300	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	2121.089	54.86	74.0	19.14	Peak	298.00	400	Vertical	Pass
1**	2121.089	48.98	54.0	5.02	AV	298.00	400	Vertical	Pass
2	3194.345	52.92	74.0	21.08	Peak	126.00	100	Vertical	Pass
2**	3194.345	48.49	54.0	5.51	AV	126.00	100	Vertical	Pass
3	4247.810	54.62	74.0	19.38	Peak	115.00	200	Vertical	Pass
3**	4247.810	48.06	54.0	5.94	AV	115.00	200	Vertical	Pass
4	6372.443	55.28	74.0	18.72	Peak	222.00	300	Vertical	Pass
4**	6372.443	44.43	54.0	9.57	AV	222.00	300	Vertical	Pass
5	12588.928	46.33	74.0	27.67	Peak	111.00	400	Vertical	Pass
5**	12588.928	41.08	54.0	12.92	AV	111.00	400	Vertical	Pass
6	15803.427	50.43	74.0	23.57	Peak	168.00	400	Vertical	Pass
6**	15803.427	42.76	54.0	11.24	AV	168.00	400	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2127.329	54.88	74.0	19.12	Peak	172.00	200	Horizontal	Pass
1**	2127.329	42.64	54.0	11.36	AV	172.00	200	Horizontal	Pass
2	3187.623	52.29	74.0	21.71	Peak	2.00	200	Horizontal	Pass
2**	3187.623	43.03	54.0	10.97	AV	2.00	200	Horizontal	Pass
3	4373.904	49.61	74.0	24.39	Peak	151.00	200	Horizontal	Pass
3**	4373.904	48.21	54.0	5.79	AV	151.00	200	Horizontal	Pass
4	6982.600	50.14	74.0	23.86	Peak	300.00	300	Horizontal	Pass
4**	6982.600	44.87	54.0	9.13	AV	300.00	300	Horizontal	Pass
5	11729.311	49.54	74.0	24.46	Peak	56.00	400	Horizontal	Pass
5**	11729.311	41.89	54.0	12.11	AV	56.00	400	Horizontal	Pass
6	17381.981	52.31	74.0	21.69	Peak	114.00	300	Horizontal	Pass
6**	17381.981	41.30	54.0	12.70	AV	114.00	300	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	2124.207	56.16	74.0	17.84	Peak	201.00	400	Vertical	Pass
1**	2124.207	48.99	54.0	5.01	AV	201.00	400	Vertical	Pass
2	3199.152	52.93	74.0	21.07	Peak	20.00	100	Vertical	Pass
2**	3199.152	44.97	54.0	9.03	AV	20.00	100	Vertical	Pass
3	4251.756	51.36	74.0	22.64	Peak	277.00	200	Vertical	Pass
3**	4251.756	43.44	54.0	10.56	AV	277.00	200	Vertical	Pass
4	6373.719	59.27	74.0	14.73	Peak	239.00	300	Vertical	Pass
4**	6373.719	44.29	54.0	9.71	AV	239.00	300	Vertical	Pass
5	12590.788	48.34	74.0	25.66	Peak	236.00	200	Vertical	Pass
5**	12590.788	38.80	54.0	15.20	AV	236.00	200	Vertical	Pass
6	15796.325	52.92	74.0	21.08	Peak	221.00	300	Vertical	Pass
6**	15796.325	45.61	54.0	8.39	AV	221.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.737	40.29	74.0	33.71	Peak	61.00	200	Horizontal	Pass
1**	1286.737	35.83	54.0	18.17	AV	61.00	200	Horizontal	Pass
2	2772.955	49.23	74.0	24.77	Peak	40.00	300	Horizontal	Pass
2**	2772.955	42.36	54.0	11.64	AV	40.00	300	Horizontal	Pass
3	5165.976	50.79	74.0	23.21	Peak	344.00	200	Horizontal	Pass
3**	5165.976	40.42	54.0	13.58	AV	344.00	200	Horizontal	Pass
4	6804.509	53.17	74.0	20.83	Peak	348.00	400	Horizontal	Pass
4**	6804.509	48.98	54.0	5.02	AV	348.00	400	Horizontal	Pass
5	13466.019	57.59	74.0	16.41	Peak	19.00	200	Horizontal	Pass
5**	13466.019	46.54	54.0	7.46	AV	19.00	200	Horizontal	Pass
6	17465.872	56.33	74.0	17.67	Peak	48.00	200	Horizontal	Pass
6**	17465.872	43.78	54.0	10.22	AV	48.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.964	42.43	74.0	31.57	Peak	158.00	300	Vertical	Pass
1**	1286.964	34.53	54.0	19.47	AV	158.00	300	Vertical	Pass
2	2767.371	51.91	74.0	22.09	Peak	105.00	100	Vertical	Pass
2**	2767.371	45.45	54.0	8.55	AV	105.00	100	Vertical	Pass
3	5165.211	57.26	74.0	16.74	Peak	112.00	200	Vertical	Pass
3**	5165.211	43.66	54.0	10.34	AV	112.00	200	Vertical	Pass
4	6806.500	52.61	74.0	21.39	Peak	165.00	300	Vertical	Pass
4**	6806.500	46.98	54.0	7.02	AV	165.00	300	Vertical	Pass
5	13463.693	53.56	74.0	20.44	Peak	351.00	300	Vertical	Pass
5**	13463.693	44.02	54.0	9.98	AV	351.00	300	Vertical	Pass
6	17466.685	60.88	74.0	13.12	Peak	298.00	100	Vertical	Pass
6**	17466.685	45.90	54.0	8.10	AV	298.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1283.002	44.05	74.0	29.95	Peak	139.00	200	Horizontal	Pass
1**	1283.002	32.46	54.0	21.54	AV	139.00	200	Horizontal	Pass
2	2770.505	53.97	74.0	20.03	Peak	266.00	300	Horizontal	Pass
2**	2770.505	42.23	54.0	11.77	AV	266.00	300	Horizontal	Pass
3	5164.376	52.30	74.0	21.70	Peak	340.00	200	Horizontal	Pass
3**	5164.376	40.16	54.0	13.84	AV	340.00	200	Horizontal	Pass
4	6803.375	57.71	74.0	16.29	Peak	288.00	100	Horizontal	Pass
4**	6803.375	47.23	54.0	6.77	AV	288.00	100	Horizontal	Pass
5	13468.260	55.25	74.0	18.75	Peak	349.00	200	Horizontal	Pass
5**	13468.260	43.67	54.0	10.33	AV	349.00	200	Horizontal	Pass
6	17464.408	57.45	74.0	16.55	Peak	6.00	200	Horizontal	Pass
6**	17464.408	44.45	54.0	9.55	AV	6.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1285.410	43.52	74.0	30.48	Peak	226.00	300	Vertical	Pass
1**	1285.410	36.76	54.0	17.24	AV	226.00	300	Vertical	Pass
2	2774.210	53.51	74.0	20.49	Peak	92.00	300	Vertical	Pass
2**	2774.210	45.48	54.0	8.52	AV	92.00	300	Vertical	Pass
3	5163.680	51.89	74.0	22.11	Peak	194.00	200	Vertical	Pass
3**	5163.680	46.51	54.0	7.49	AV	194.00	200	Vertical	Pass
4	6805.214	53.83	74.0	20.17	Peak	0.00	400	Vertical	Pass
4**	6805.214	42.88	54.0	11.12	AV	0.00	400	Vertical	Pass
5	13468.801	55.27	74.0	18.73	Peak	181.00	100	Vertical	Pass
5**	13468.801	43.52	54.0	10.48	AV	181.00	100	Vertical	Pass
6	17462.267	55.98	74.0	18.02	Peak	20.00	400	Vertical	Pass
6**	17462.267	48.53	54.0	5.47	AV	20.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1288.063	43.84	74.0	30.16	Peak	154.00	100	Horizontal	Pass
1**	1288.063	35.25	54.0	18.75	AV	154.00	100	Horizontal	Pass
2	2771.891	54.51	74.0	19.49	Peak	58.00	300	Horizontal	Pass
2**	2771.891	40.74	54.0	13.26	AV	58.00	300	Horizontal	Pass
3	5166.370	50.58	74.0	23.42	Peak	282.00	200	Horizontal	Pass
3**	5166.370	43.42	54.0	10.58	AV	282.00	200	Horizontal	Pass
4	6804.824	56.26	74.0	17.74	Peak	341.00	200	Horizontal	Pass
4**	6804.824	48.38	54.0	5.62	AV	341.00	200	Horizontal	Pass
5	13466.326	53.02	74.0	20.98	Peak	69.00	100	Horizontal	Pass
5**	13466.326	42.73	54.0	11.27	AV	69.00	100	Horizontal	Pass
6	17463.160	56.29	74.0	17.71	Peak	75.00	300	Horizontal	Pass
6**	17463.160	44.87	54.0	9.13	AV	75.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1281.553	45.96	74.0	28.04	Peak	83.00	400	Vertical	Pass
1**	1281.553	32.87	54.0	21.13	AV	83.00	400	Vertical	Pass
2	2774.374	52.48	74.0	21.52	Peak	82.00	200	Vertical	Pass
2**	2774.374	48.22	54.0	5.78	AV	82.00	200	Vertical	Pass
3	5168.275	57.67	74.0	16.33	Peak	259.00	200	Vertical	Pass
3**	5168.275	43.15	54.0	10.85	AV	259.00	200	Vertical	Pass
4	6803.251	53.46	74.0	20.54	Peak	102.00	200	Vertical	Pass
4**	6803.251	45.15	54.0	8.85	AV	102.00	200	Vertical	Pass
5	13466.138	55.43	74.0	18.57	Peak	0.00	200	Vertical	Pass
5**	13466.138	44.68	54.0	9.32	AV	0.00	200	Vertical	Pass
6	17460.133	57.84	74.0	16.16	Peak	300.00	100	Vertical	Pass
6**	17460.133	49.24	54.0	4.76	AV	300.00	100	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, 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.

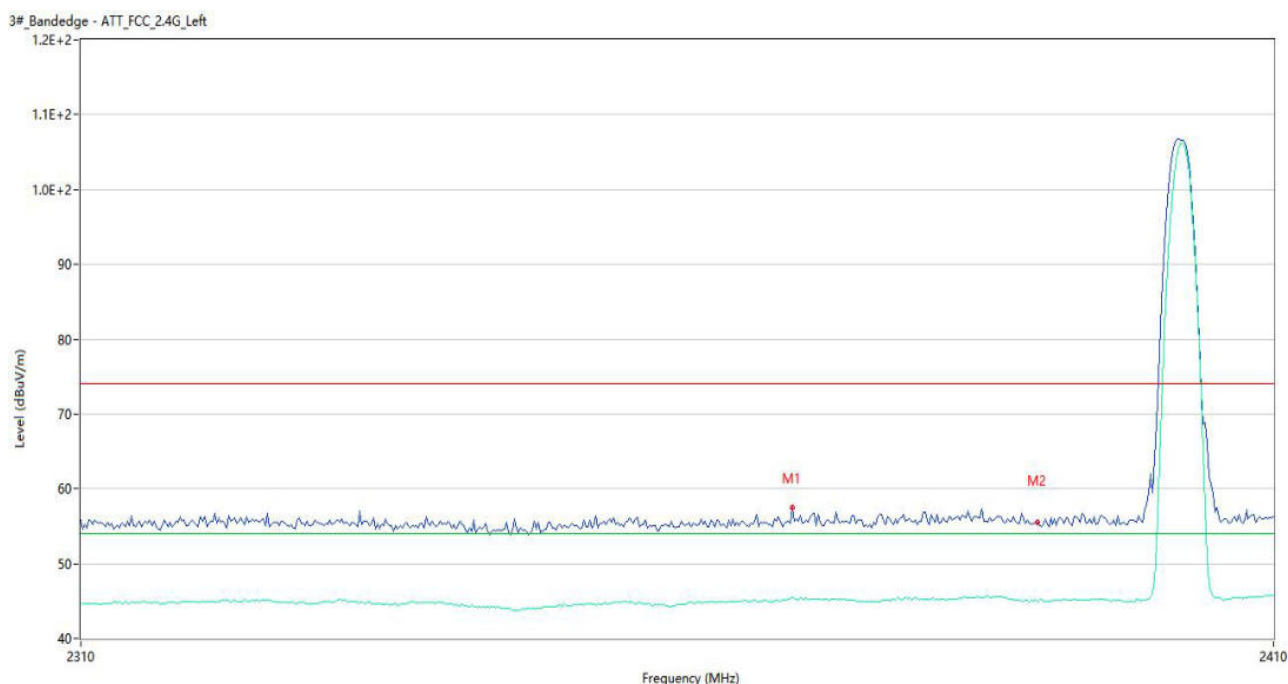
Note⁴: The Level (dBuV/m) has been corrected by factor.

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

Test Data and Plots

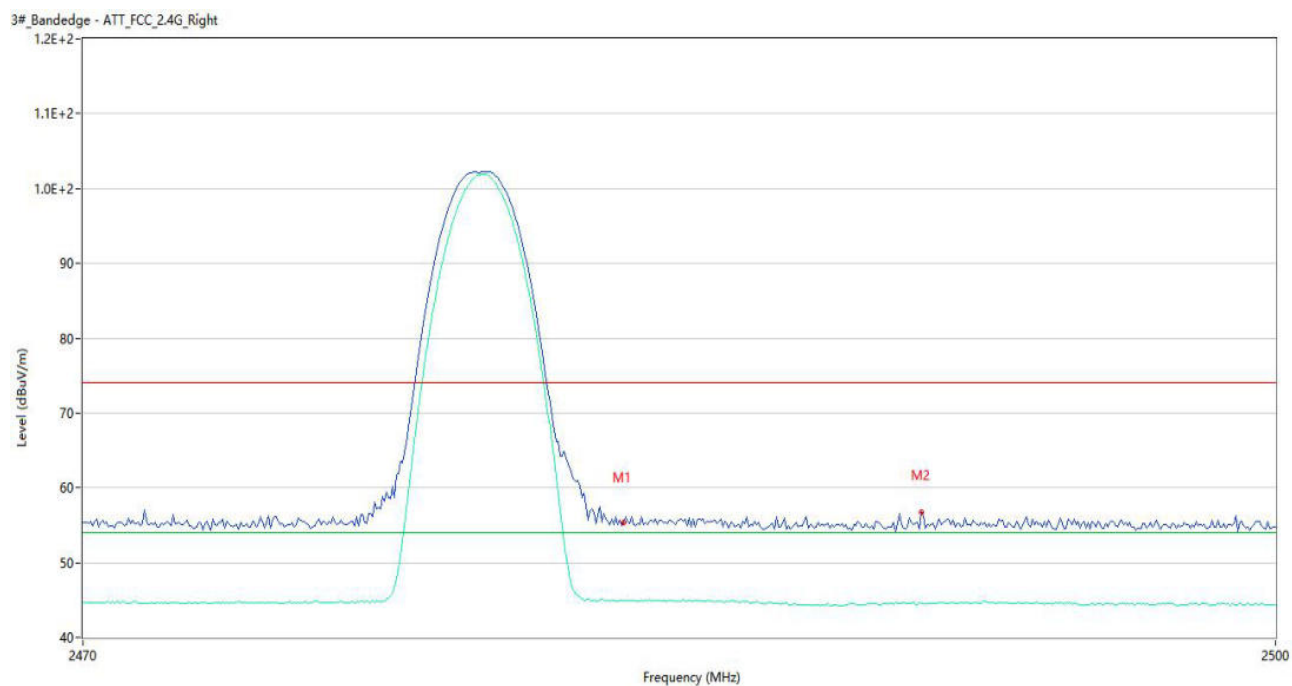
ANT0

GFSK LOW CHANNEL



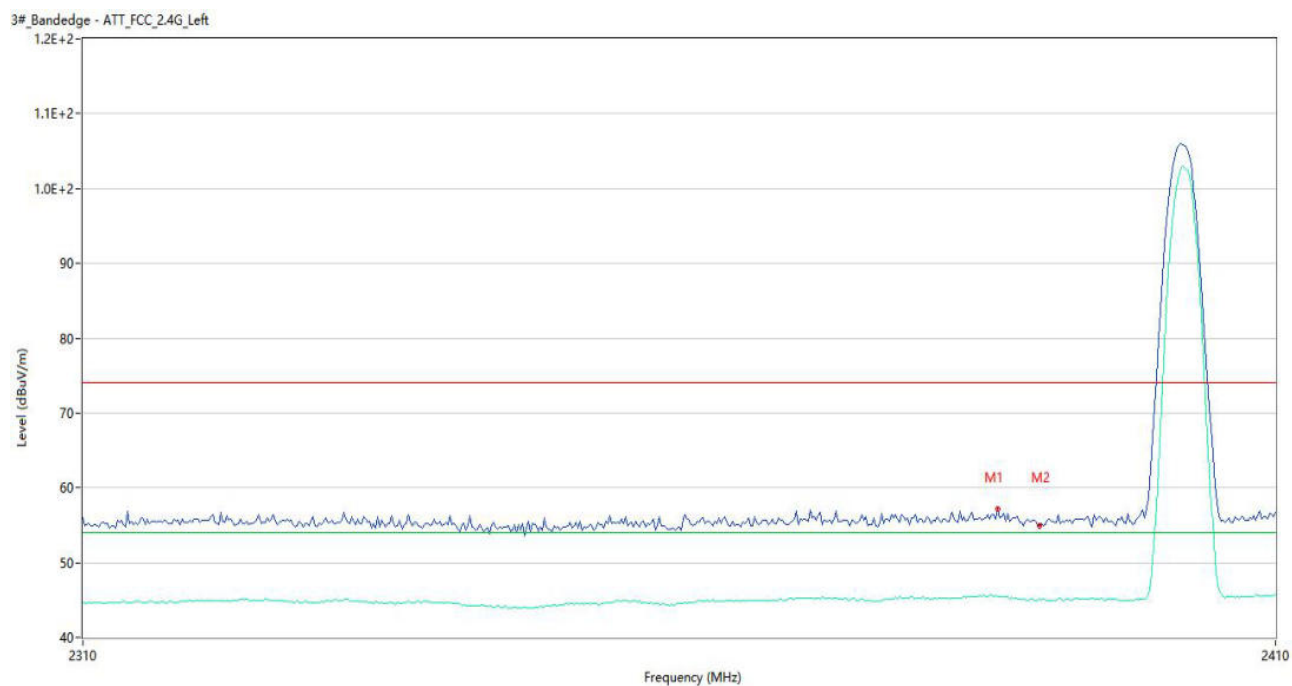
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2369.167	57.48	74.0	16.52	Peak	153.00	200	Horizontal	Pass
1**	2369.167	45.39	54.0	8.61	AV	153.00	200	Horizontal	Pass
2	2389.833	55.59	74.0	18.41	Peak	153.00	100	Horizontal	Pass
2**	2389.833	44.83	54.0	9.17	AV	153.00	100	Horizontal	Pass

GFSK HIGH CHANNEL



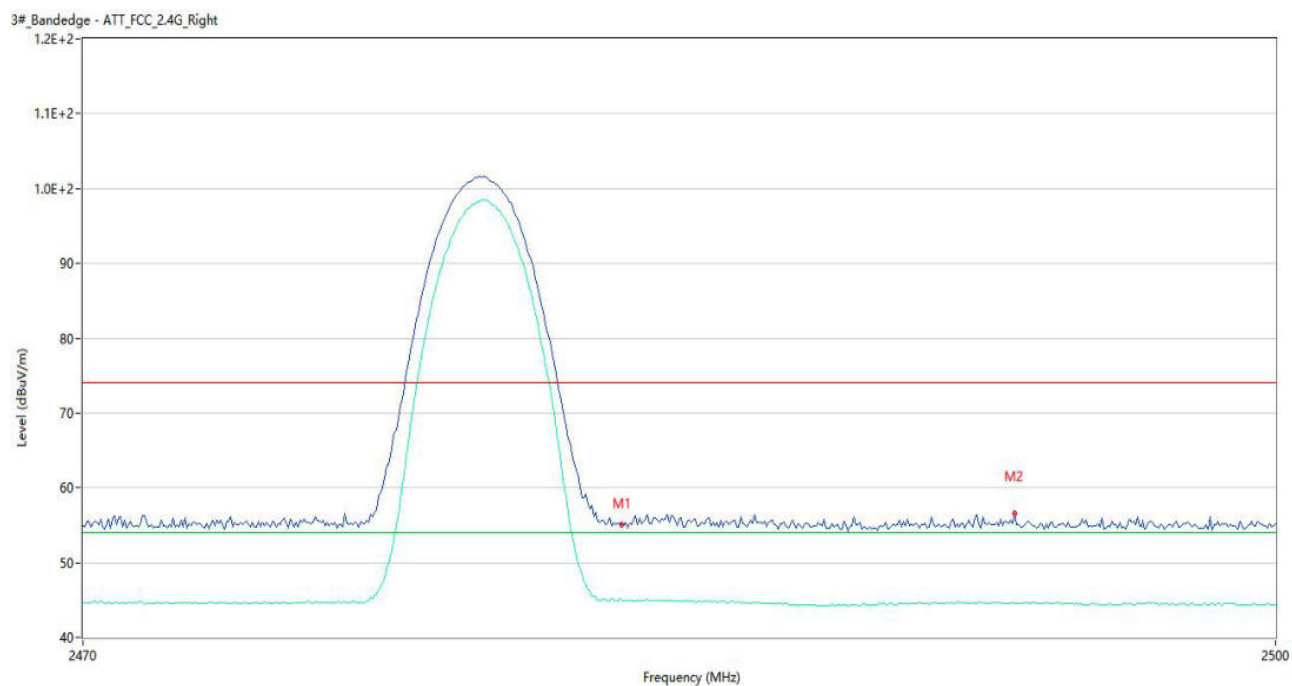
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	55.33	74.0	18.67	Peak	25.00	200	Horizontal	Pass
1**	2483.550	44.90	54.0	9.10	AV	25.00	200	Horizontal	Pass
2	2491.050	56.76	74.0	17.24	Peak	50.00	200	Horizontal	Pass
2**	2491.050	44.57	54.0	9.43	AV	50.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL

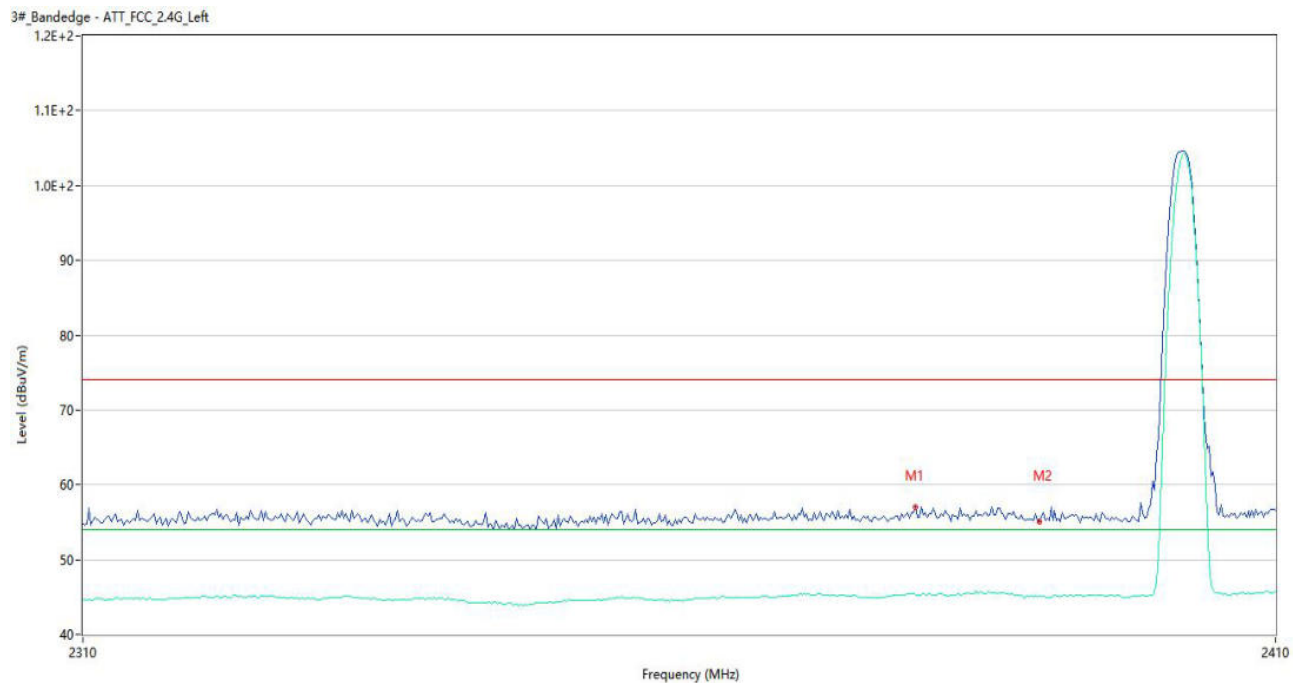


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.333	57.14	74.0	16.86	Peak	340.00	150	Horizontal	Pass
1**	2386.333	45.47	54.0	8.53	AV	340.00	150	Horizontal	Pass
2	2389.833	54.88	74.0	19.12	Peak	360.00	100	Horizontal	Pass
2**	2389.833	45.13	54.0	8.87	AV	360.00	100	Horizontal	Pass

8-DPSK HIGH CHANNEL

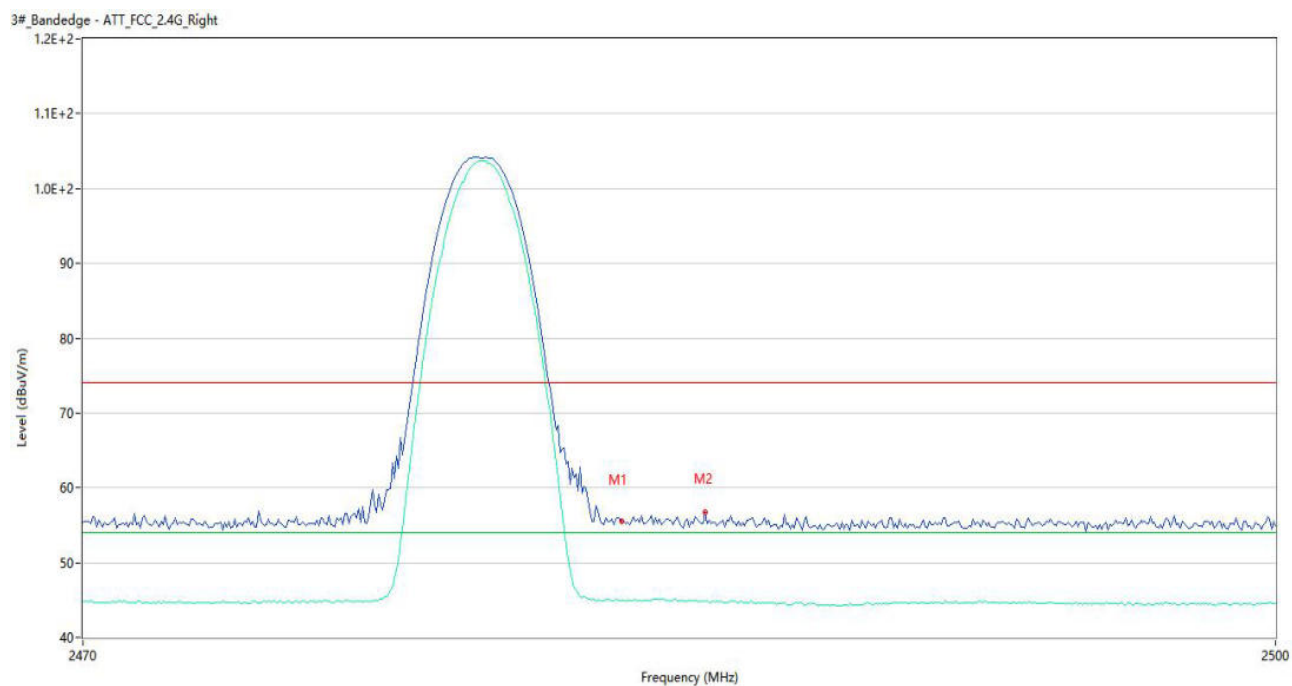


No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.00	74.0	19.00	Peak	269.00	200	Horizontal	Pass
1**	2483.500	44.95	54.0	9.05	AV	269.00	200	Horizontal	Pass
2	2493.400	56.53	74.0	17.47	Peak	191.00	150	Horizontal	Pass
2**	2493.400	44.52	54.0	9.48	AV	191.00	150	Horizontal	Pass

ANT1**GFSK LOW CHANNEL**

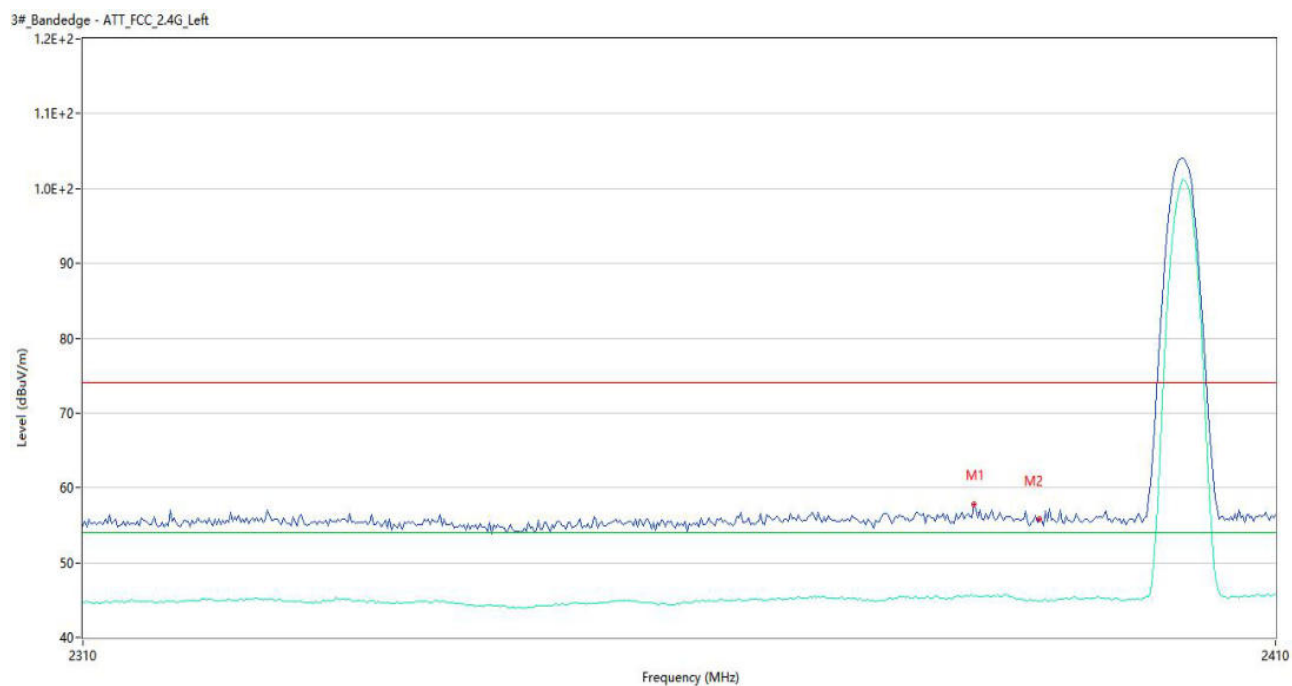
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2379.333	57.09	74.0	16.91	Peak	197.00	100	Horizontal	Pass
1**	2379.333	45.25	54.0	8.75	AV	197.00	100	Horizontal	Pass
2	2389.833	55.10	74.0	18.90	Peak	105.00	200	Horizontal	Pass
2**	2389.833	45.10	54.0	8.90	AV	105.00	200	Horizontal	Pass

GFSK HIGH CHANNEL



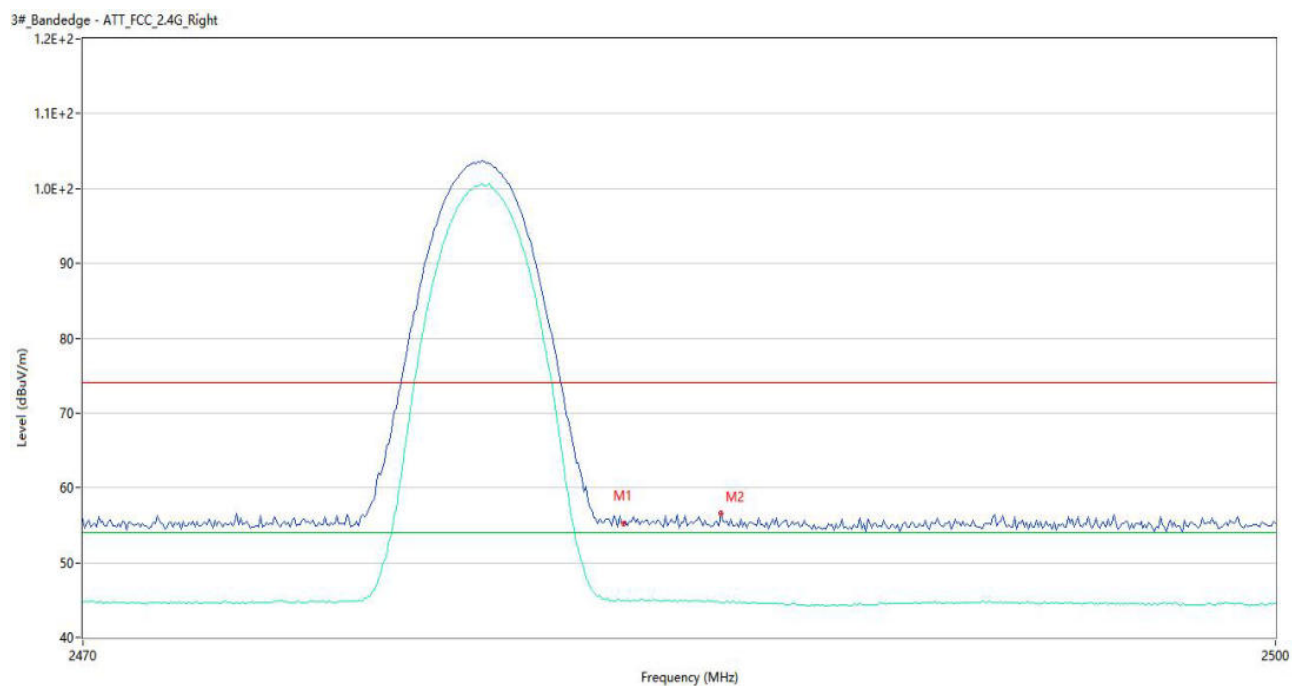
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.59	74.0	18.41	Peak	259.00	150	Horizontal	Pass
1**	2483.500	44.94	54.0	9.06	AV	259.00	150	Horizontal	Pass
2	2485.600	56.76	74.0	17.24	Peak	331.00	200	Horizontal	Pass
2**	2485.600	44.79	54.0	9.21	AV	331.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.333	57.71	74.0	16.29	Peak	240.00	200	Horizontal	Pass
1**	2384.333	45.44	54.0	8.56	AV	240.00	200	Horizontal	Pass
2	2389.833	55.77	74.0	18.23	Peak	337.00	150	Horizontal	Pass
2**	2389.833	44.88	54.0	9.12	AV	337.00	150	Horizontal	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	55.18	74.0	18.82	Peak	120.00	100	Horizontal	Pass
1**	2483.550	44.90	54.0	9.10	AV	120.00	100	Horizontal	Pass
2	2486.000	56.59	74.0	17.41	Peak	0.00	100	Horizontal	Pass
2**	2486.000	44.74	54.0	9.26	AV	0.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26030251-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26030251-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26030251-AI.PDF”.

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--END OF REPORT--