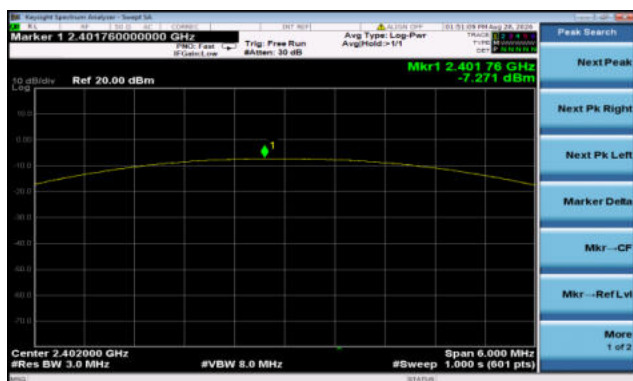
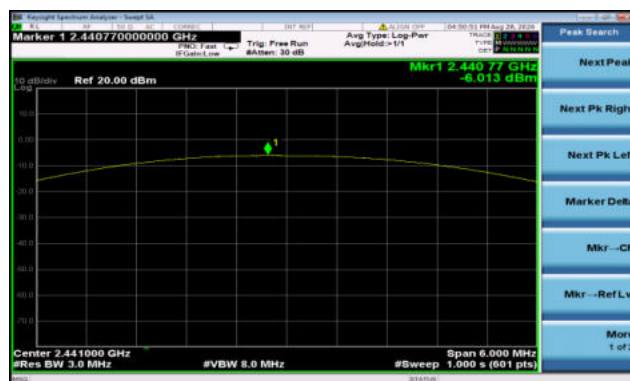


Test Plots

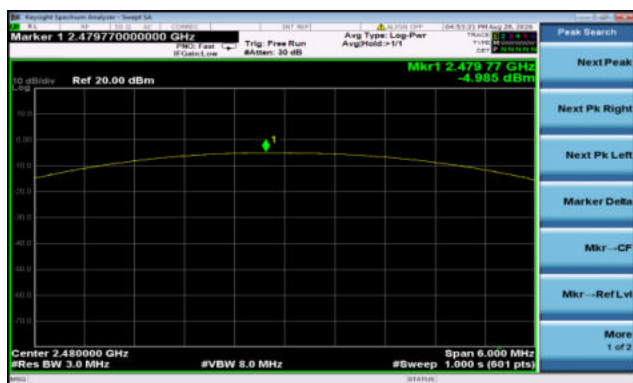
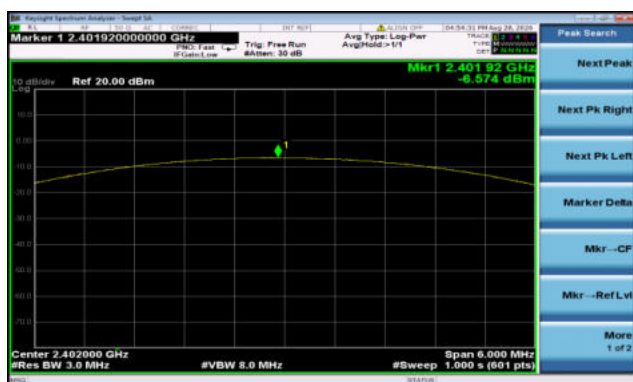
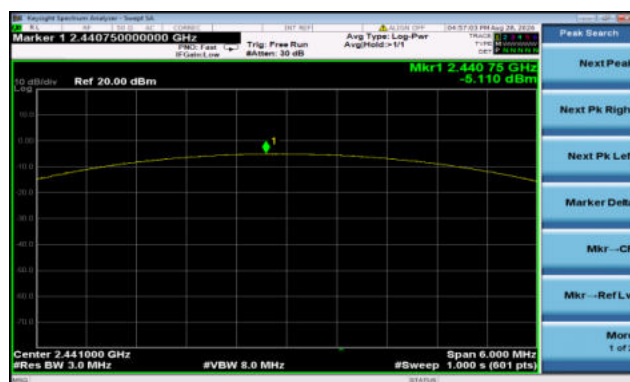
GFSK LOW CHANNEL



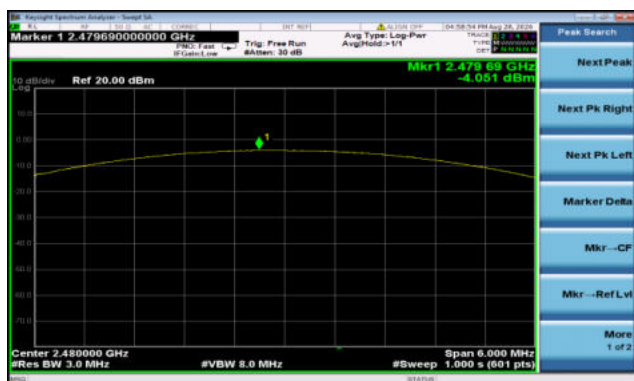
GFSK MIDDLE CHANNEL



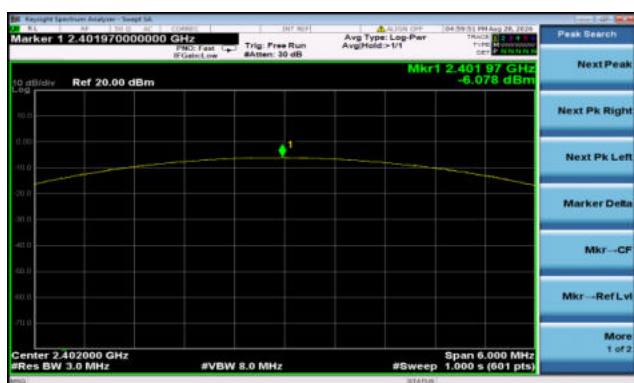
GFSK HIGH CHANNEL

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

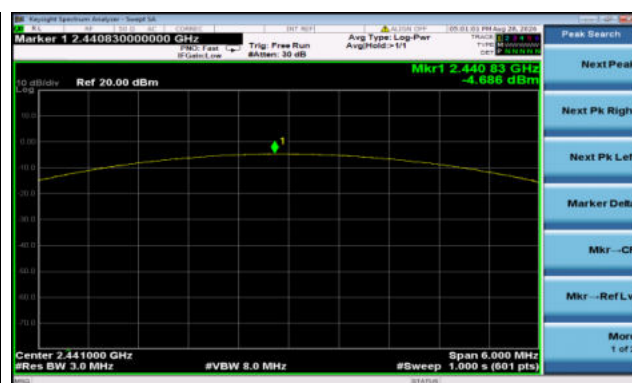
$\pi/4$ -DQPSK HIGH CHANNEL



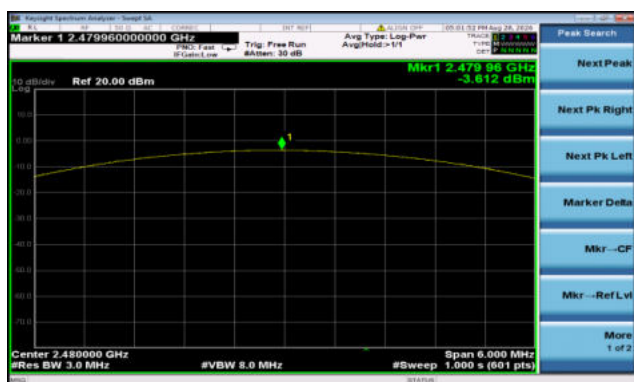
8DPSK LOW CHANNEL



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	0.960200	0.857660
Middle	0.960200	0.855700
High	0.960200	0.856330
$\pi/4$ -DQPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.297400	1.168200
Middle	1.297400	1.168100
High	1.297400	1.168200
8DPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.297600	1.174400
Middle	1.297600	1.172600
High	1.297600	1.176100

Test Plots

20 dB Bandwidth

GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL



π/4-DQPSK LOW CHANNEL



π/4-DQPSK MIDDLE CHANNEL



π/4-DQPSK HIGH CHANNEL



8DPSK LOW CHANNEL



8DPSK MIDDLE CHANNEL

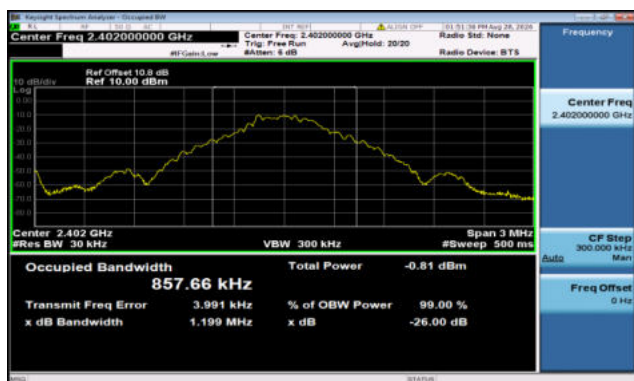


8DPSK HIGH CHANNEL

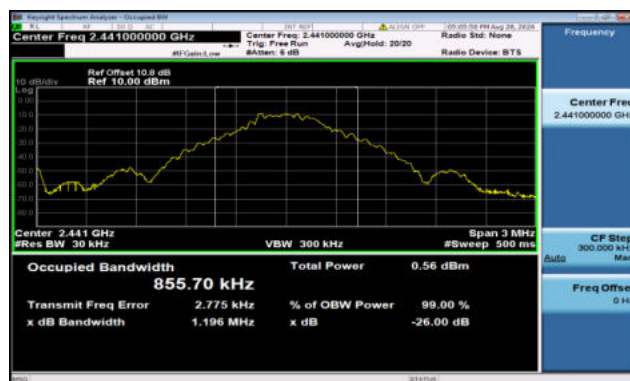


99% Bandwidth

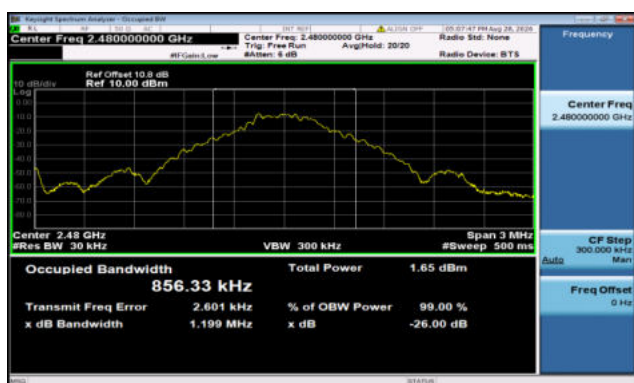
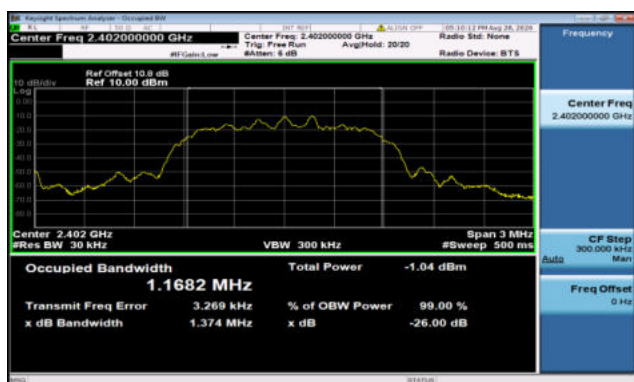
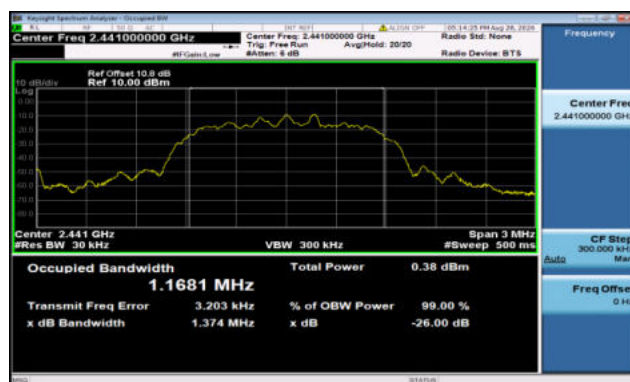
GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

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

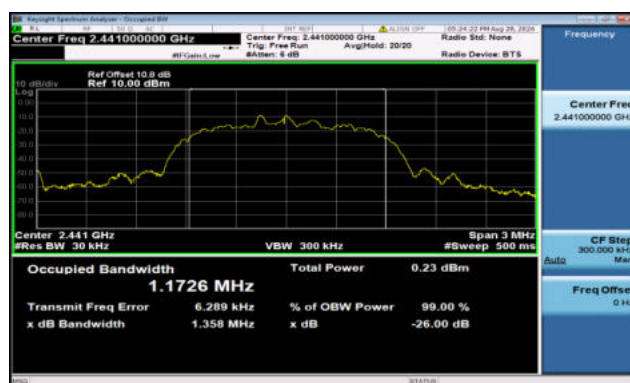
$\pi/4$ -DQPSK HIGH CHANNEL



8DPSK LOW CHANNEL



8DPSK MIDDLE CHANNEL



8DPSK HIGH CHANNEL



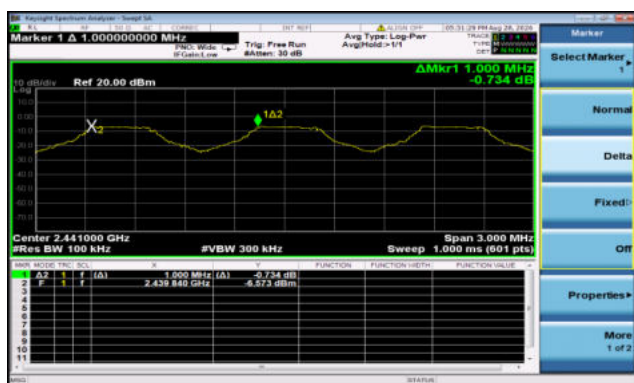
A.4 Hopping Frequency Separation

Test Data

Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.640	Pass
8DPSK	1.000	0.865	Pass

Test Plots

GFSK



8DPSK



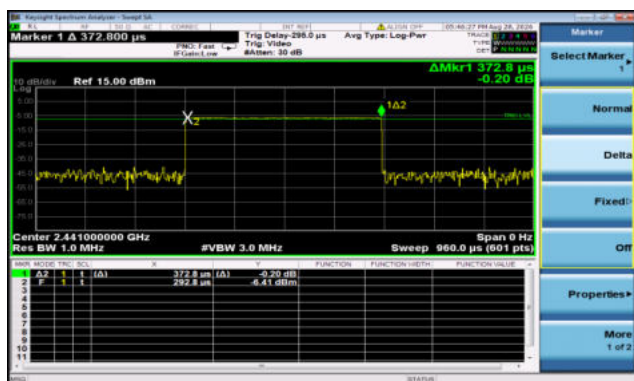
A.5 Average Time of Occupancy

Test Data

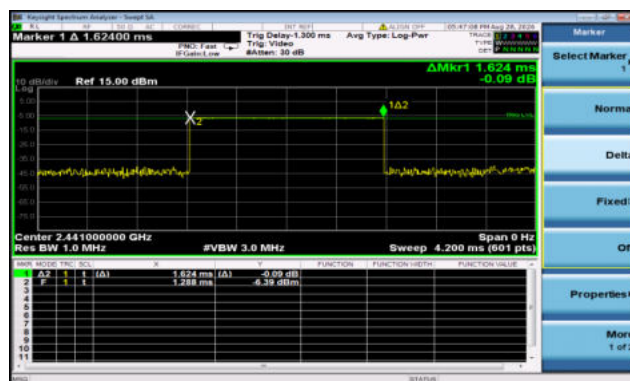
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37280	119.296	0.4	Pass
DH 3	1.62400	259.840	0.4	Pass
DH 5	2.86800	305.920	0.4	Pass
8DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.38560	123.392	0.4	Pass
3DH 3	1.62400	259.840	0.4	Pass
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	0.37280	59.648	0.4	Pass
DH 3	1.62400	129.920	0.4	Pass
DH 5	2.88000	153.600	0.4	Pass

Test Plots

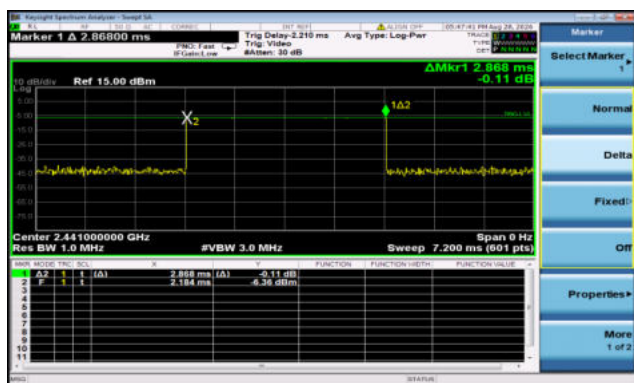
GFSK DH1



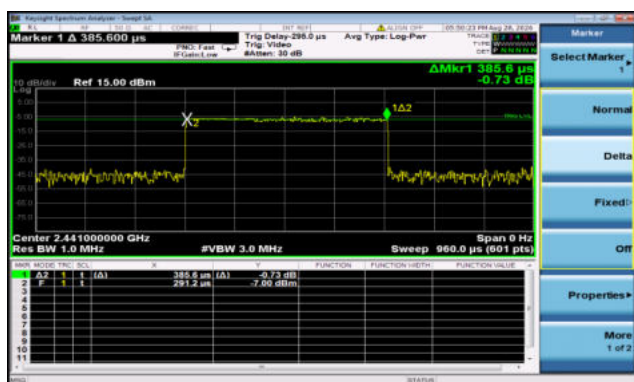
GFSK DH3



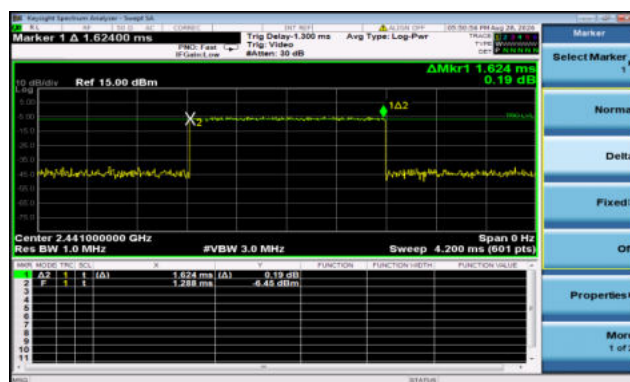
GFSK DH5



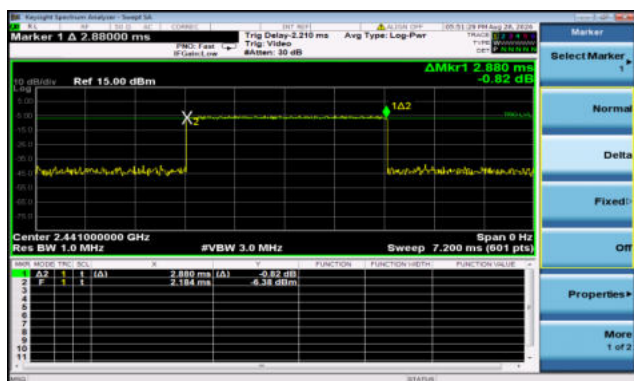
8DPSK 3DH1



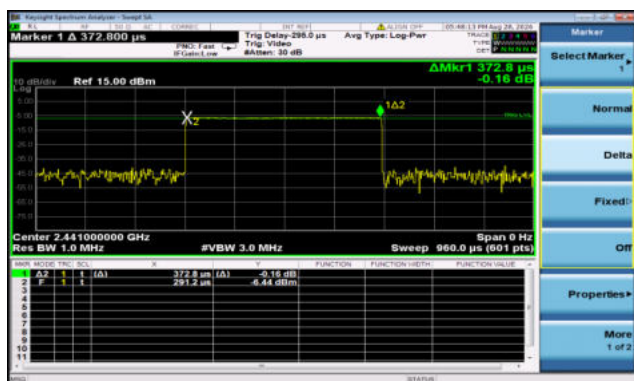
8DPSK 3DH3



8DPSK 3DH5



AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

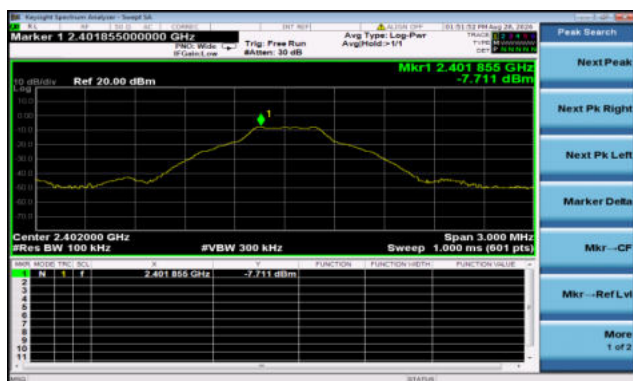
Test Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.15	-7.71	-27.71	Pass
Middle	-33.26	-6.70	-26.70	Pass
High	-33.34	-5.37	-25.37	Pass
8DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.81	-7.93	-27.93	Pass
Middle	-33.62	-6.72	-26.72	Pass
High	-34.11	-5.77	-25.77	Pass

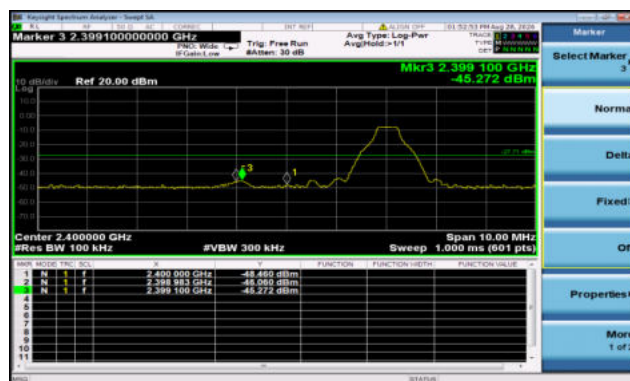
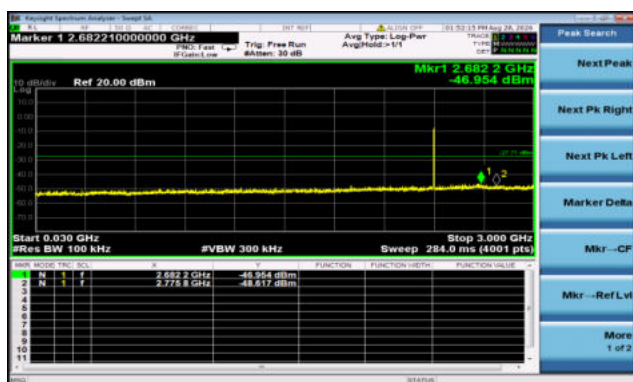
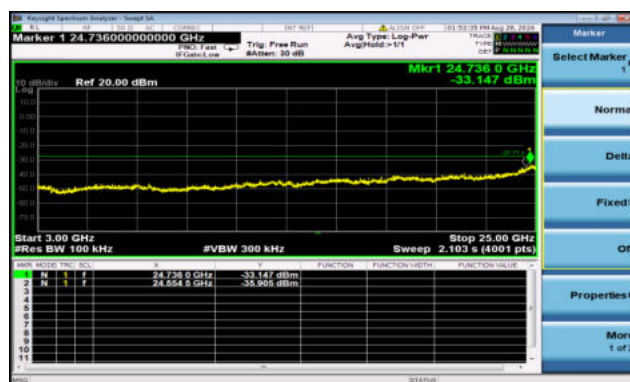
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-34.60	-5.45	-25.45	Pass
8DPSK	-32.84	-5.63	-25.63	Pass

Test Plots

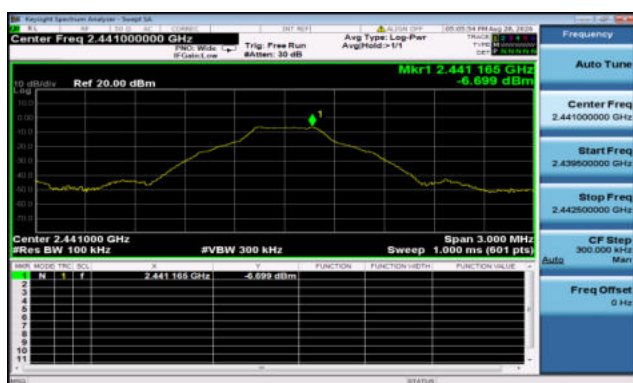
GFSK LOW CHANNEL, CARRIER LEVEL



GFSK LOW CHANNEL, BAND EDGE

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

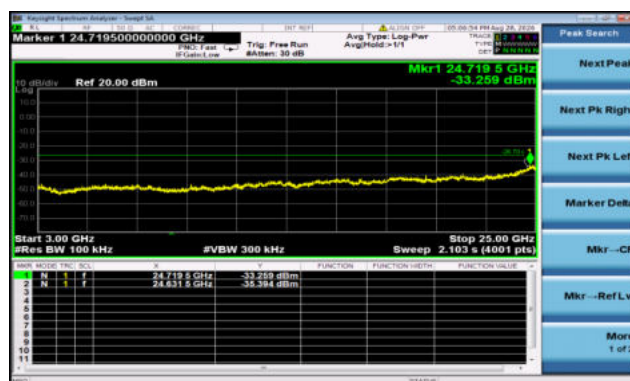
GFSK MIDDLE CHANNEL, CARRIER LEVEL



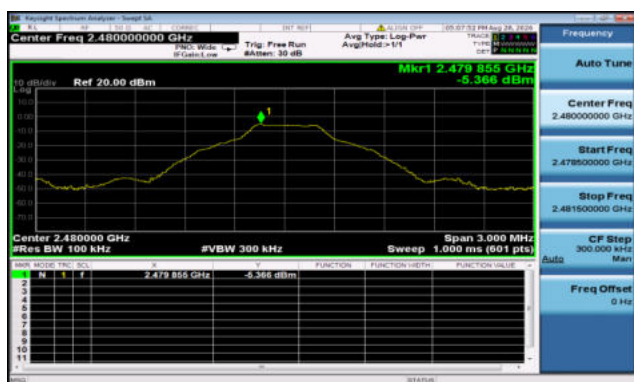
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



GFSK HIGH CHANNEL, CARRIER LEVEL



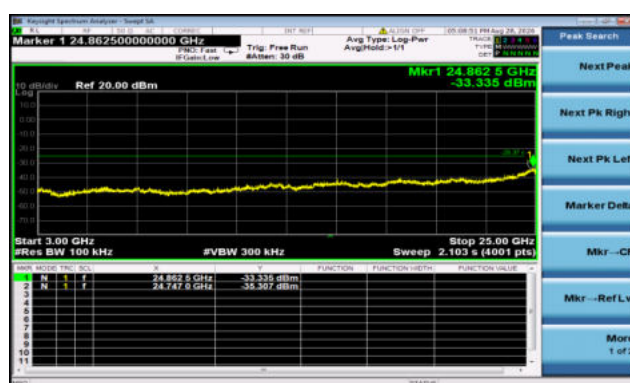
GFSK HIGH CHANNEL, BAND EDGE



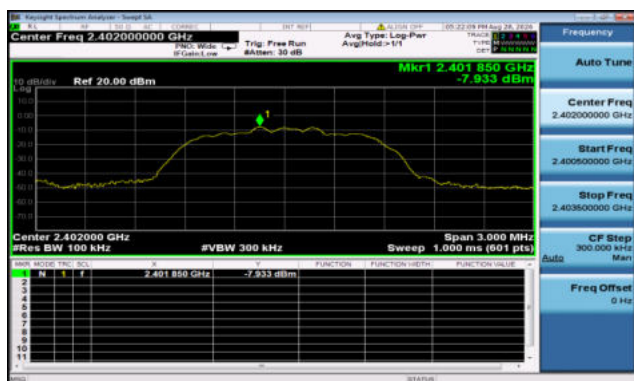
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



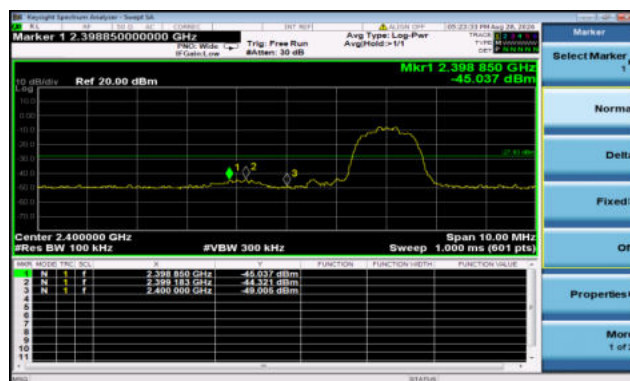
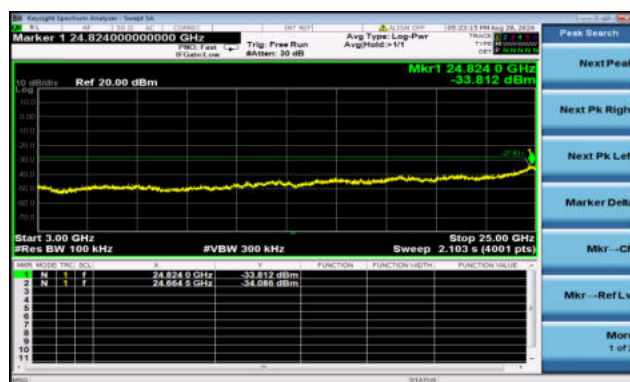
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



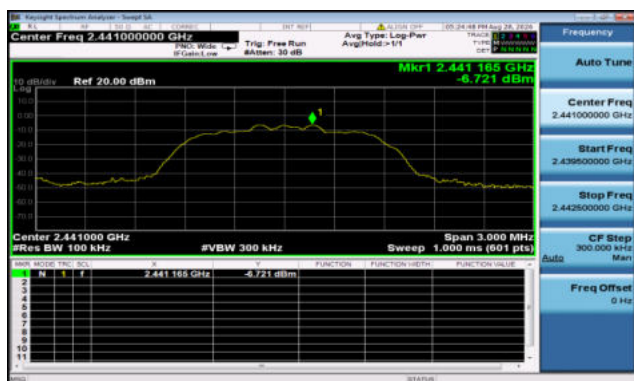
8DPSK LOW CHANNEL, CARRIER LEVEL



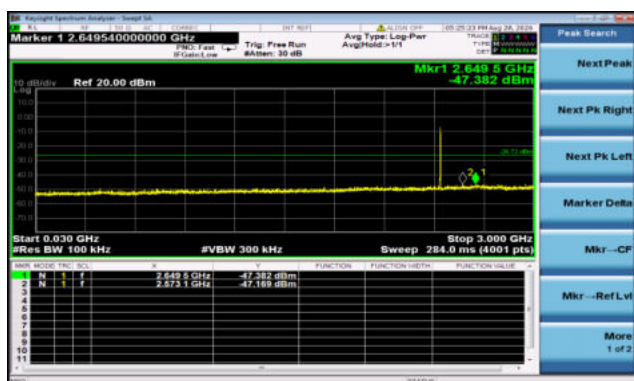
8DPSK LOW CHANNEL, BAND EDGE

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

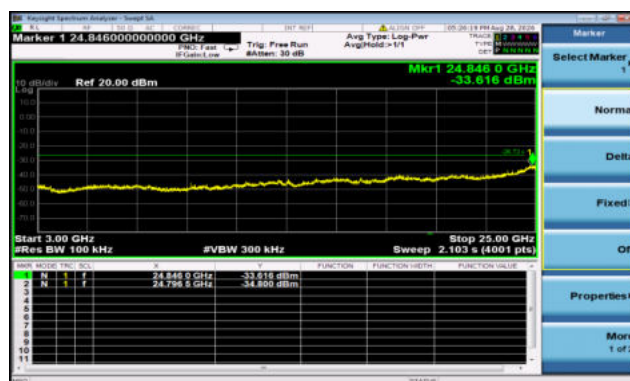
8DPSK MIDDLE CHANNEL, CARRIER LEVEL



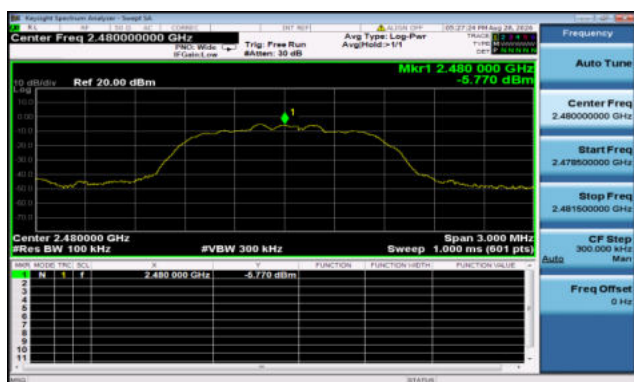
8DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



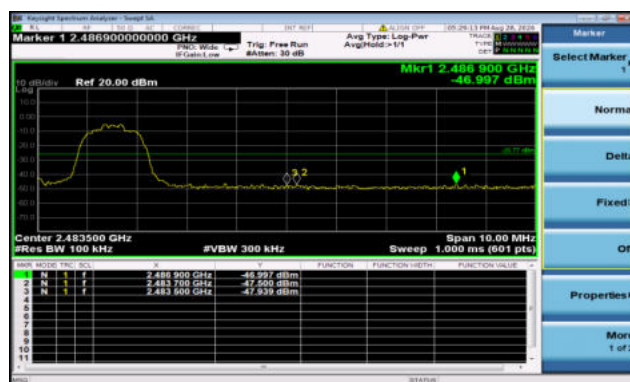
8DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8DPSK HIGH CHANNEL, CARRIER LEVEL



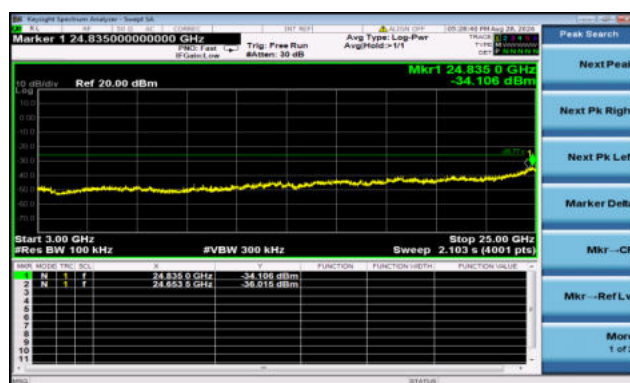
8DPSK HIGH CHANNEL, BAND EDGE



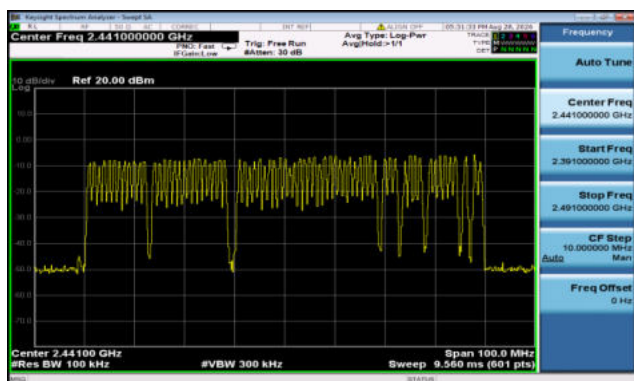
8DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



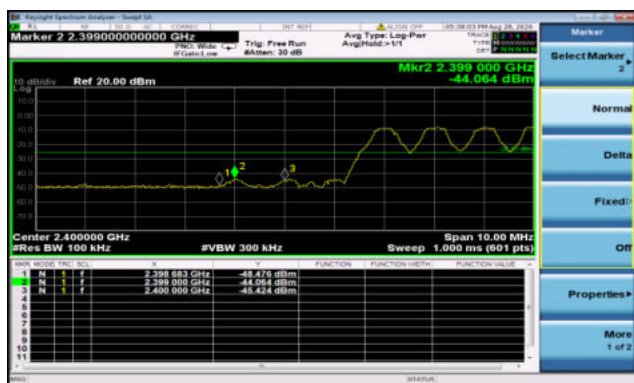
8DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



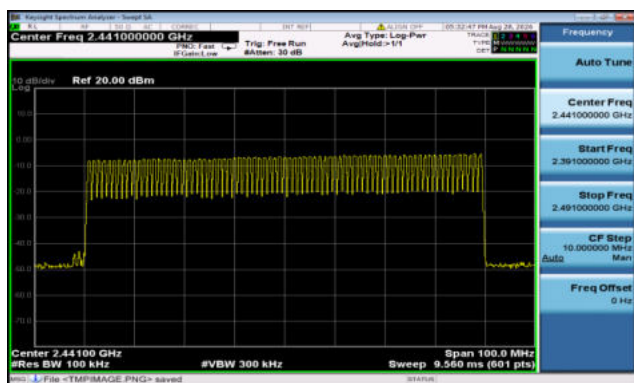
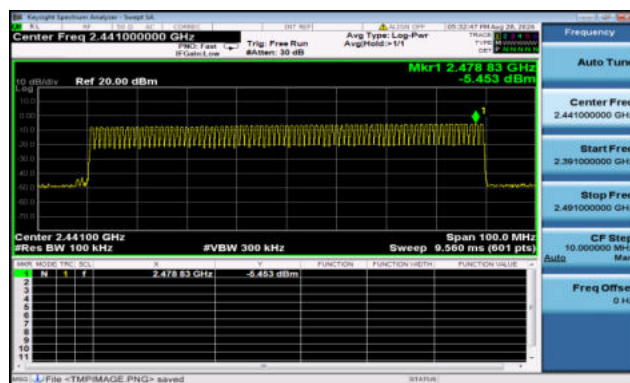
GFSK HOPPING, CARRIER LEVEL



GFSK HOPPING BAND EDGE (LOW)



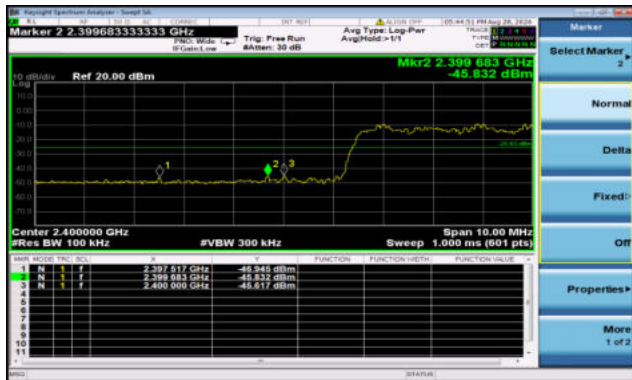
GFSK HOPPING BAND EDGE (HIGH)

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

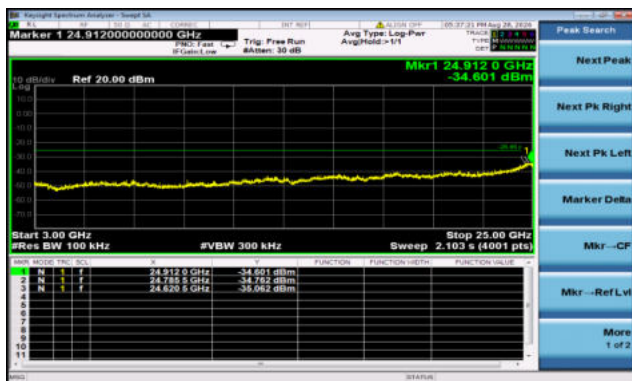
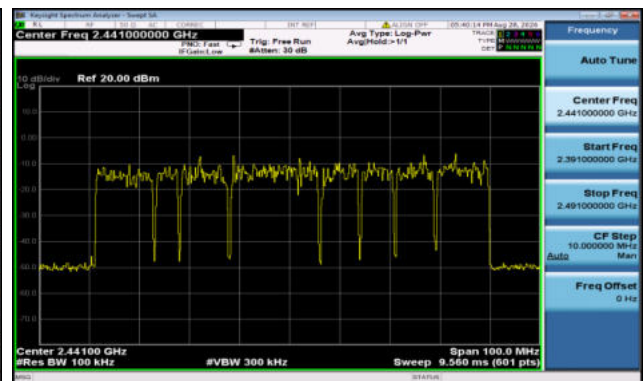
8DPSK HOPPING, CARRIER LEVEL



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.

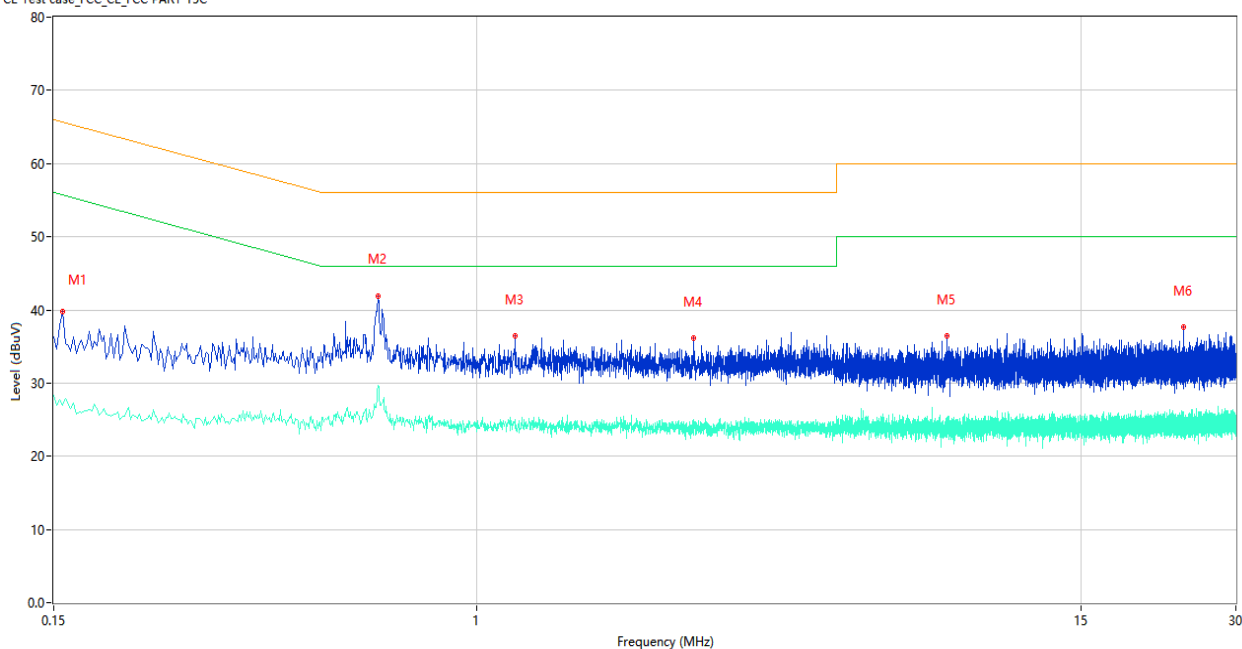
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE

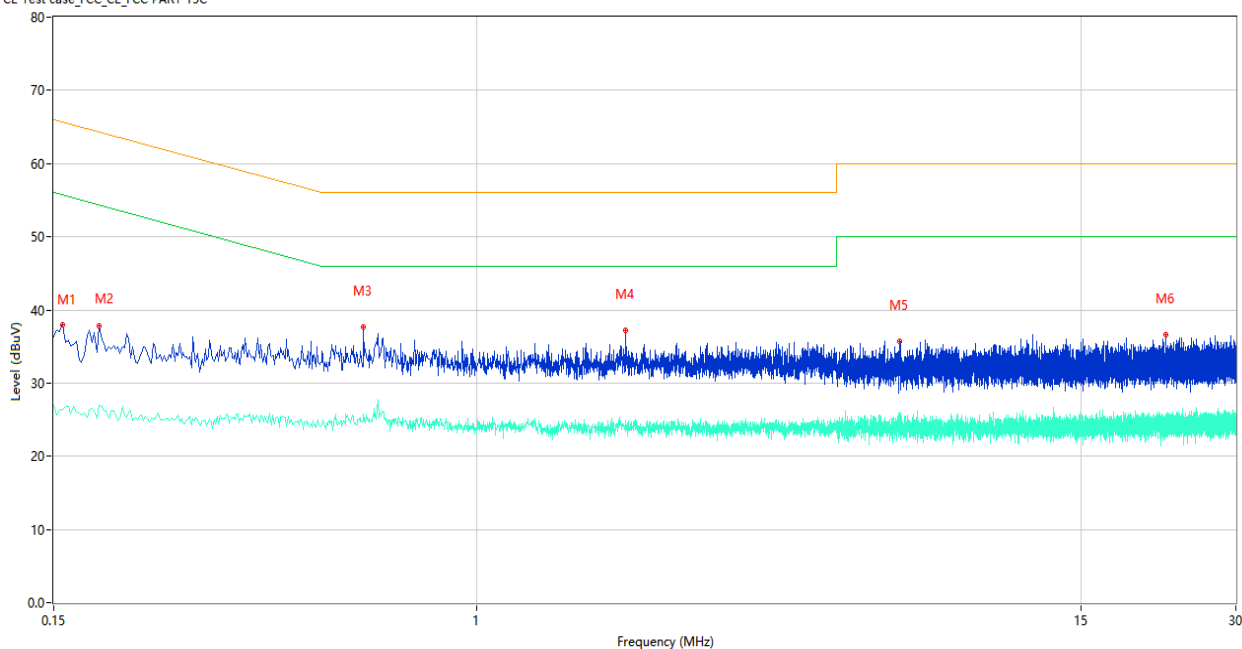
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	39.85	9.74	65.67	25.82	Peak	L	Pass
1**	0.156	26.89	9.74	55.67	28.78	AV	L	Pass
2	0.642	41.94	10.17	56.00	14.06	Peak	L	Pass
2**	0.642	29.74	10.17	46.00	16.26	AV	L	Pass
3	1.188	36.45	9.98	56.00	19.55	Peak	L	Pass
3**	1.188	24.72	9.98	46.00	21.28	AV	L	Pass
4	2.642	36.10	10.14	56.00	19.90	Peak	L	Pass
4**	2.642	25.08	10.14	46.00	20.92	AV	L	Pass
5	8.232	36.43	10.48	60.00	23.57	Peak	L	Pass
5**	8.232	25.25	10.48	50.00	24.75	AV	L	Pass
6	23.730	37.69	10.70	60.00	22.31	Peak	L	Pass
6**	23.730	25.07	10.70	50.00	24.93	AV	L	Pass

PHASE

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	37.93	9.74	65.67	27.74	Peak	N	Pass
1**	0.156	26.42	9.74	55.67	29.25	AV	N	Pass
2	0.184	37.80	9.74	64.30	26.50	Peak	N	Pass
2**	0.184	26.96	9.74	54.30	27.34	AV	N	Pass
3	0.602	37.61	10.14	56.00	18.39	Peak	N	Pass
3**	0.602	25.72	10.14	46.00	20.28	AV	N	Pass
4	1.950	37.16	10.14	56.00	18.84	Peak	N	Pass
4**	1.950	24.84	10.14	46.00	21.16	AV	N	Pass
5	6.640	35.74	10.50	60.00	24.26	Peak	N	Pass
5**	6.640	25.22	10.50	50.00	24.78	AV	N	Pass
6	21.900	36.61	10.42	60.00	23.39	Peak	N	Pass
6**	21.900	25.70	10.42	50.00	24.30	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.

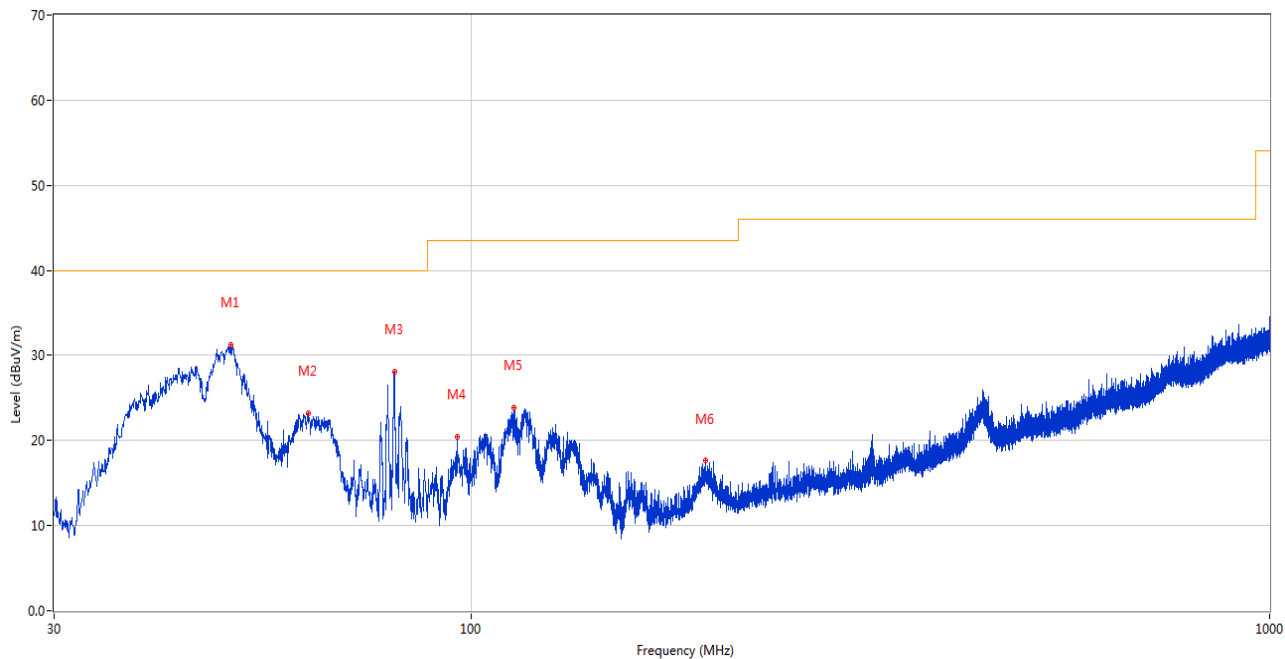
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

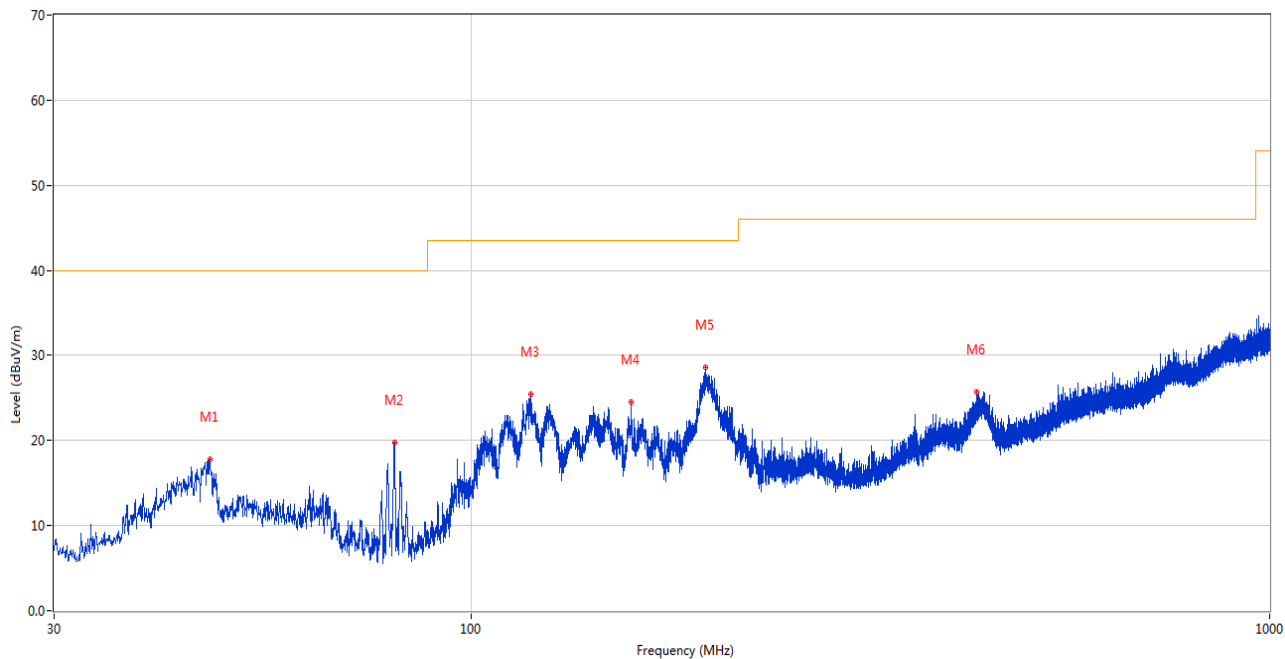
RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.885	31.23	-24.10	40.0	8.77	Peak	69.10	100	Vertical	Pass
2	62.495	23.18	-25.92	40.0	16.82	Peak	293.10	100	Vertical	Pass
3	80.052	28.09	-30.54	40.0	11.91	Peak	10.50	100	Vertical	Pass
4	96.008	20.41	-26.48	43.5	23.09	Peak	117.20	100	Vertical	Pass
5	113.177	23.85	-26.09	43.5	19.65	Peak	128.20	100	Vertical	Pass
6	196.598	17.60	-24.14	43.5	25.90	Peak	31.40	100	Vertical	Pass

30 MHz to 1 GHz

RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



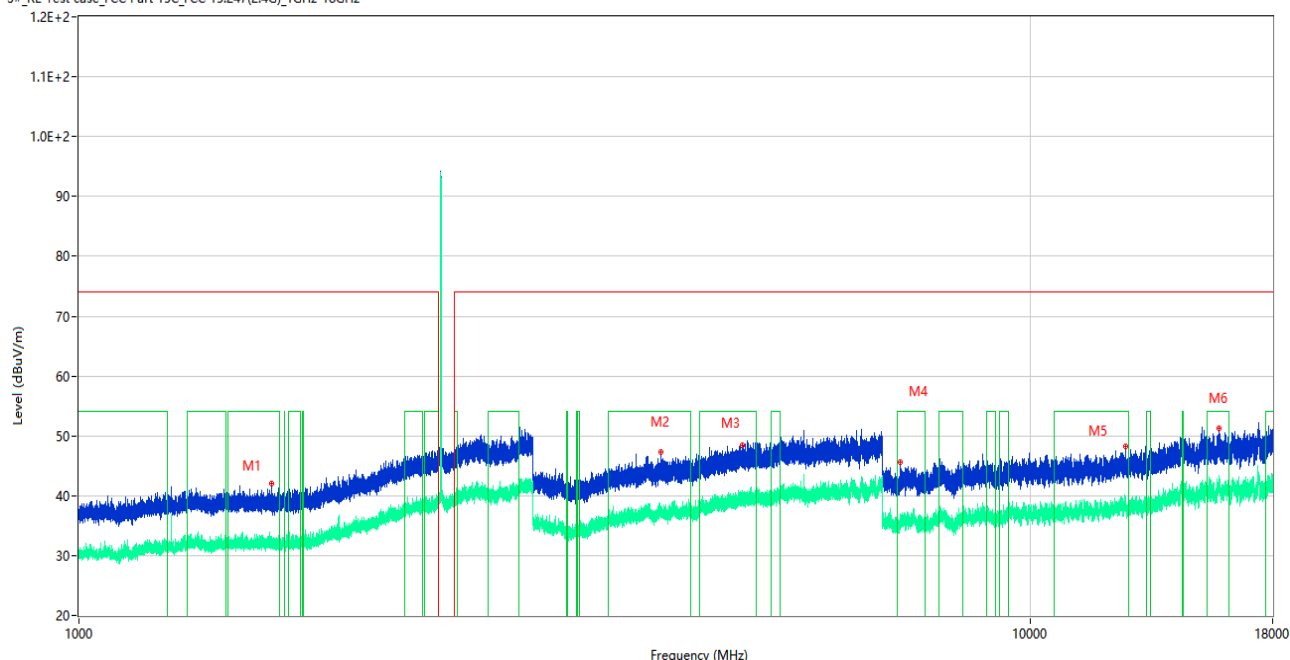
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.023	17.82	-24.13	40.0	22.18	Peak	73.50	100	Horizontal	Pass
2	80.052	19.74	-30.54	40.0	20.26	Peak	214.00	100	Horizontal	Pass
3	118.512	25.42	-26.71	43.5	18.08	Peak	233.30	100	Horizontal	Pass
4	158.331	24.49	-27.82	43.5	19.01	Peak	242.10	100	Horizontal	Pass
5	196.743	28.56	-24.12	43.5	14.94	Peak	84.00	100	Horizontal	Pass
6	429.106	25.76	-17.50	46.0	20.24	Peak	73.50	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.

GFSK LOW CHANNEL 1 GHz to 18 GHz

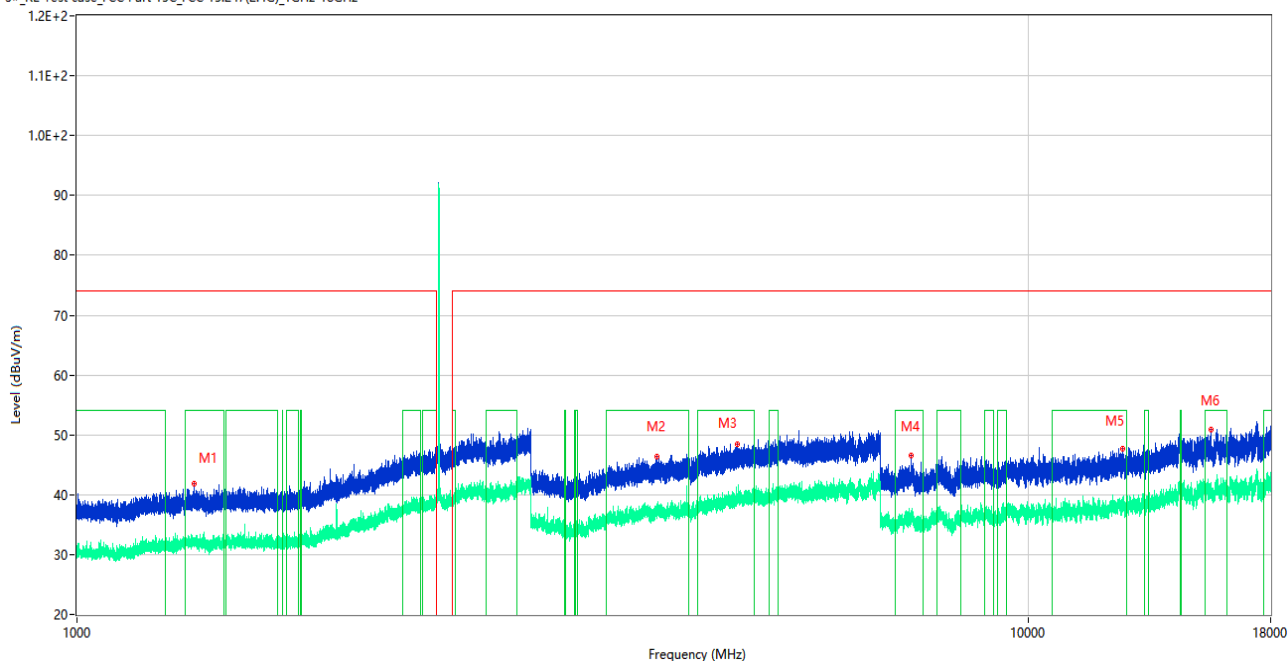
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.776	42.28	74.0	31.72	Peak	357.00	400	Horizontal	Pass
1**	1596.776	32.34	54.0	21.66	AV	357.00	400	Horizontal	Pass
2	4096.176	47.41	74.0	26.59	Peak	131.00	400	Horizontal	Pass
2**	4096.176	37.65	54.0	16.35	AV	131.00	400	Horizontal	Pass
3	4988.252	48.65	74.0	25.35	Peak	311.00	200	Horizontal	Pass
3**	4988.252	40.28	54.0	13.72	AV	311.00	200	Horizontal	Pass
4	7299.350	45.61	74.0	28.39	Peak	233.00	200	Horizontal	Pass
4**	7299.350	34.88	54.0	19.12	AV	233.00	200	Horizontal	Pass
5	12595.419	48.24	74.0	25.76	Peak	28.00	400	Horizontal	Pass
5**	12595.419	39.90	54.0	14.10	AV	28.00	400	Horizontal	Pass
6	15823.113	51.30	74.0	22.70	Peak	318.00	300	Horizontal	Pass
6**	15823.113	41.89	54.0	12.11	AV	318.00	300	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz

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	1328.479	41.80	74.0	32.20	Peak	170.00	200	Vertical	Pass
1**	1328.479	31.62	54.0	22.38	AV	170.00	200	Vertical	Pass
2	4075.359	47.17	74.0	26.83	Peak	283.00	300	Vertical	Pass
2**	4075.359	36.06	54.0	17.94	AV	283.00	300	Vertical	Pass
3	4940.731	46.01	74.0	27.99	Peak	294.00	200	Vertical	Pass
3**	4940.731	38.03	54.0	15.97	AV	294.00	200	Vertical	Pass
4	7544.841	48.09	74.0	25.91	Peak	24.00	400	Vertical	Pass
4**	7544.841	33.86	54.0	20.14	AV	24.00	400	Vertical	Pass
5	12585.759	48.96	74.0	25.04	Peak	99.00	100	Vertical	Pass
5**	12585.759	36.29	54.0	17.71	AV	99.00	100	Vertical	Pass
6	15571.327	51.43	74.0	22.57	Peak	126.00	400	Vertical	Pass
6**	15571.327	41.43	54.0	12.57	AV	126.00	400	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.831	42.06	74.0	31.94	Peak	104.00	100	Horizontal	Pass
1**	1593.831	31.62	54.0	22.38	AV	104.00	100	Horizontal	Pass
2	4094.174	47.11	74.0	26.89	Peak	211.00	300	Horizontal	Pass
2**	4094.174	37.29	54.0	16.71	AV	211.00	300	Horizontal	Pass
3	4990.433	48.32	74.0	25.68	Peak	210.00	200	Horizontal	Pass
3**	4990.433	39.32	54.0	14.68	AV	210.00	200	Horizontal	Pass
4	7302.694	44.96	74.0	29.04	Peak	100.00	400	Horizontal	Pass
4**	7302.694	34.13	54.0	19.87	AV	100.00	400	Horizontal	Pass
5	12598.242	47.36	74.0	26.64	Peak	114.00	400	Horizontal	Pass
5**	12598.242	38.97	54.0	15.03	AV	114.00	400	Horizontal	Pass
6	15822.753	50.68	74.0	23.32	Peak	291.00	400	Horizontal	Pass
6**	15822.753	41.07	54.0	12.93	AV	291.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.186	41.69	74.0	32.31	Peak	282.00	300	Vertical	Pass
1**	1330.186	31.36	54.0	22.64	AV	282.00	300	Vertical	Pass
2	4072.661	46.43	74.0	27.57	Peak	305.00	200	Vertical	Pass
2**	4072.661	35.67	54.0	18.33	AV	305.00	200	Vertical	Pass
3	4940.648	45.13	74.0	28.87	Peak	69.00	200	Vertical	Pass
3**	4940.648	37.52	54.0	16.48	AV	69.00	200	Vertical	Pass
4	7541.271	47.67	74.0	26.33	Peak	266.00	300	Vertical	Pass
4**	7541.271	33.41	54.0	20.59	AV	266.00	300	Vertical	Pass
5	12593.323	48.43	74.0	25.57	Peak	261.00	100	Vertical	Pass
5**	12593.323	35.77	54.0	18.23	AV	261.00	100	Vertical	Pass
6	15577.204	50.90	74.0	23.10	Peak	86.00	400	Vertical	Pass
6**	15577.204	40.65	54.0	13.35	AV	86.00	400	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.442	41.71	74.0	32.29	Peak	180.00	100	Horizontal	Pass
1**	1592.442	32.09	54.0	21.91	AV	180.00	100	Horizontal	Pass
2	4098.024	46.68	74.0	27.32	Peak	109.00	100	Horizontal	Pass
2**	4098.024	37.42	54.0	16.58	AV	109.00	100	Horizontal	Pass
3	4987.417	48.14	74.0	25.86	Peak	208.00	200	Horizontal	Pass
3**	4987.417	39.96	54.0	14.04	AV	208.00	200	Horizontal	Pass
4	7302.481	45.40	74.0	28.60	Peak	295.00	400	Horizontal	Pass
4**	7302.481	34.72	54.0	19.28	AV	295.00	400	Horizontal	Pass
5	12595.666	47.66	74.0	26.34	Peak	124.00	200	Horizontal	Pass
5**	12595.666	39.37	54.0	14.63	AV	124.00	200	Horizontal	Pass
6	15822.841	50.83	74.0	23.17	Peak	1.00	200	Horizontal	Pass
6**	15822.841	41.39	54.0	12.61	AV	1.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.497	41.23	74.0	32.77	Peak	51.00	300	Vertical	Pass
1**	1326.497	30.80	54.0	23.20	AV	51.00	300	Vertical	Pass
2	4072.865	46.35	74.0	27.65	Peak	202.00	100	Vertical	Pass
2**	4072.865	35.34	54.0	18.66	AV	202.00	100	Vertical	Pass
3	4938.781	45.75	74.0	28.25	Peak	118.00	200	Vertical	Pass
3**	4938.781	37.63	54.0	16.37	AV	118.00	200	Vertical	Pass
4	7540.937	47.85	74.0	26.15	Peak	213.00	300	Vertical	Pass
4**	7540.937	33.20	54.0	20.80	AV	213.00	300	Vertical	Pass
5	12589.647	48.11	74.0	25.89	Peak	284.00	400	Vertical	Pass
5**	12589.647	35.74	54.0	18.26	AV	284.00	400	Vertical	Pass
6	15573.376	50.65	74.0	23.35	Peak	325.00	300	Vertical	Pass
6**	15573.376	40.50	54.0	13.50	AV	325.00	300	Vertical	Pass

8DPSK LOW CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1288.804	42.01	74.0	31.99	Peak	29.00	100	Horizontal	Pass
1**	1288.804	32.31	54.0	21.69	AV	29.00	100	Horizontal	Pass
2	2773.310	47.14	74.0	26.86	Peak	309.00	200	Horizontal	Pass
2**	2773.310	37.10	54.0	16.90	AV	309.00	200	Horizontal	Pass
3	5168.071	48.62	74.0	25.38	Peak	298.00	200	Horizontal	Pass
3**	5168.071	39.53	54.0	14.47	AV	298.00	200	Horizontal	Pass
4	6803.885	44.83	74.0	29.17	Peak	31.00	400	Horizontal	Pass
4**	6803.885	34.76	54.0	19.24	AV	31.00	400	Horizontal	Pass
5	13470.707	48.19	74.0	25.81	Peak	92.00	200	Horizontal	Pass
5**	13470.707	39.70	54.0	14.30	AV	92.00	200	Horizontal	Pass
6	17466.803	50.30	74.0	23.70	Peak	302.00	100	Horizontal	Pass
6**	17466.803	41.35	54.0	12.65	AV	302.00	100	Horizontal	Pass

8DPSK LOW CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1280.148	41.41	74.0	32.59	Peak	165.00	200	Vertical	Pass
1**	1280.148	31.53	54.0	22.47	AV	165.00	200	Vertical	Pass
2	2771.352	47.00	74.0	27.00	Peak	347.00	400	Vertical	Pass
2**	2771.352	35.72	54.0	18.28	AV	347.00	400	Vertical	Pass
3	5163.160	45.76	74.0	28.24	Peak	255.00	200	Vertical	Pass
3**	5163.160	37.04	54.0	16.96	AV	255.00	200	Vertical	Pass
4	6802.000	47.13	74.0	26.87	Peak	69.00	400	Vertical	Pass
4**	6802.000	33.51	54.0	20.49	AV	69.00	400	Vertical	Pass
5	13465.762	48.93	74.0	25.07	Peak	155.00	300	Vertical	Pass
5**	13465.762	36.24	54.0	17.76	AV	155.00	300	Vertical	Pass
6	17465.499	51.31	74.0	22.69	Peak	328.00	200	Vertical	Pass
6**	17465.499	40.52	54.0	13.48	AV	328.00	200	Vertical	Pass

8DPSK MIDDLE CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.914	41.75	74.0	32.25	Peak	155.00	100	Horizontal	Pass
1**	1282.914	31.53	54.0	22.47	AV	155.00	100	Horizontal	Pass
2	2772.869	46.74	74.0	27.26	Peak	235.00	300	Horizontal	Pass
2**	2772.869	36.50	54.0	17.50	AV	235.00	300	Horizontal	Pass
3	5167.692	47.55	74.0	26.45	Peak	247.00	200	Horizontal	Pass
3**	5167.692	38.85	54.0	15.15	AV	247.00	200	Horizontal	Pass
4	6802.578	44.61	74.0	29.39	Peak	224.00	300	Horizontal	Pass
4**	6802.578	33.41	54.0	20.59	AV	224.00	300	Horizontal	Pass
5	13466.732	47.17	74.0	26.83	Peak	21.00	400	Horizontal	Pass
5**	13466.732	38.33	54.0	15.67	AV	21.00	400	Horizontal	Pass
6	17469.748	50.10	74.0	23.90	Peak	43.00	200	Horizontal	Pass
6**	17469.748	40.87	54.0	13.13	AV	43.00	200	Horizontal	Pass

8DPSK MIDDLE CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1287.314	41.40	74.0	32.60	Peak	90.00	200	Vertical	Pass
1**	1287.314	30.56	54.0	23.44	AV	90.00	200	Vertical	Pass
2	2770.364	46.35	74.0	27.65	Peak	10.00	400	Vertical	Pass
2**	2770.364	35.12	54.0	18.88	AV	10.00	400	Vertical	Pass
3	5165.262	45.12	74.0	28.88	Peak	353.00	200	Vertical	Pass
3**	5165.262	36.65	54.0	17.35	AV	353.00	200	Vertical	Pass
4	6806.836	47.44	74.0	26.56	Peak	280.00	400	Vertical	Pass
4**	6806.836	32.67	54.0	21.33	AV	280.00	400	Vertical	Pass
5	13469.330	48.27	74.0	25.73	Peak	228.00	400	Vertical	Pass
5**	13469.330	34.95	54.0	19.05	AV	228.00	400	Vertical	Pass
6	17465.146	50.04	74.0	23.96	Peak	121.00	200	Vertical	Pass
6**	17465.146	40.04	54.0	13.96	AV	121.00	200	Vertical	Pass

8DPSK HIGH CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.818	40.97	74.0	33.03	Peak	86.00	200	Horizontal	Pass
1**	1286.818	31.70	54.0	22.30	AV	86.00	200	Horizontal	Pass
2	2772.875	45.99	74.0	28.01	Peak	148.00	300	Horizontal	Pass
2**	2772.875	36.97	54.0	17.03	AV	148.00	300	Horizontal	Pass
3	5164.421	47.43	74.0	26.57	Peak	161.00	200	Horizontal	Pass
3**	5164.421	39.53	54.0	14.47	AV	161.00	200	Horizontal	Pass
4	6805.664	44.98	74.0	29.02	Peak	279.00	100	Horizontal	Pass
4**	6805.664	33.81	54.0	20.19	AV	279.00	100	Horizontal	Pass
5	13466.908	47.09	74.0	26.91	Peak	99.00	300	Horizontal	Pass
5**	13466.908	38.52	54.0	15.48	AV	99.00	300	Horizontal	Pass
6	17469.485	50.56	74.0	23.44	Peak	208.00	100	Horizontal	Pass
6**	17469.485	40.61	54.0	13.39	AV	208.00	100	Horizontal	Pass

8DPSK HIGH CHANNEL 1 GHz to 18 GHz

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1279.780	40.79	74.0	33.21	Peak	29.00	100	Vertical	Pass
1**	1279.780	29.99	54.0	24.01	AV	29.00	100	Vertical	Pass
2	2773.549	45.67	74.0	28.33	Peak	102.00	400	Vertical	Pass
2**	2773.549	35.20	54.0	18.80	AV	102.00	400	Vertical	Pass
3	5162.873	45.01	74.0	28.99	Peak	326.00	200	Vertical	Pass
3**	5162.873	37.44	54.0	16.56	AV	326.00	200	Vertical	Pass
4	6801.695	47.00	74.0	27.00	Peak	307.00	400	Vertical	Pass
4**	6801.695	33.17	54.0	20.83	AV	307.00	400	Vertical	Pass
5	13469.268	47.87	74.0	26.13	Peak	127.00	400	Vertical	Pass
5**	13469.268	35.27	54.0	18.73	AV	127.00	400	Vertical	Pass
6	17463.369	50.62	74.0	23.38	Peak	224.00	300	Vertical	Pass
6**	17463.369	40.40	54.0	13.60	AV	224.00	300	Vertical	Pass

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

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

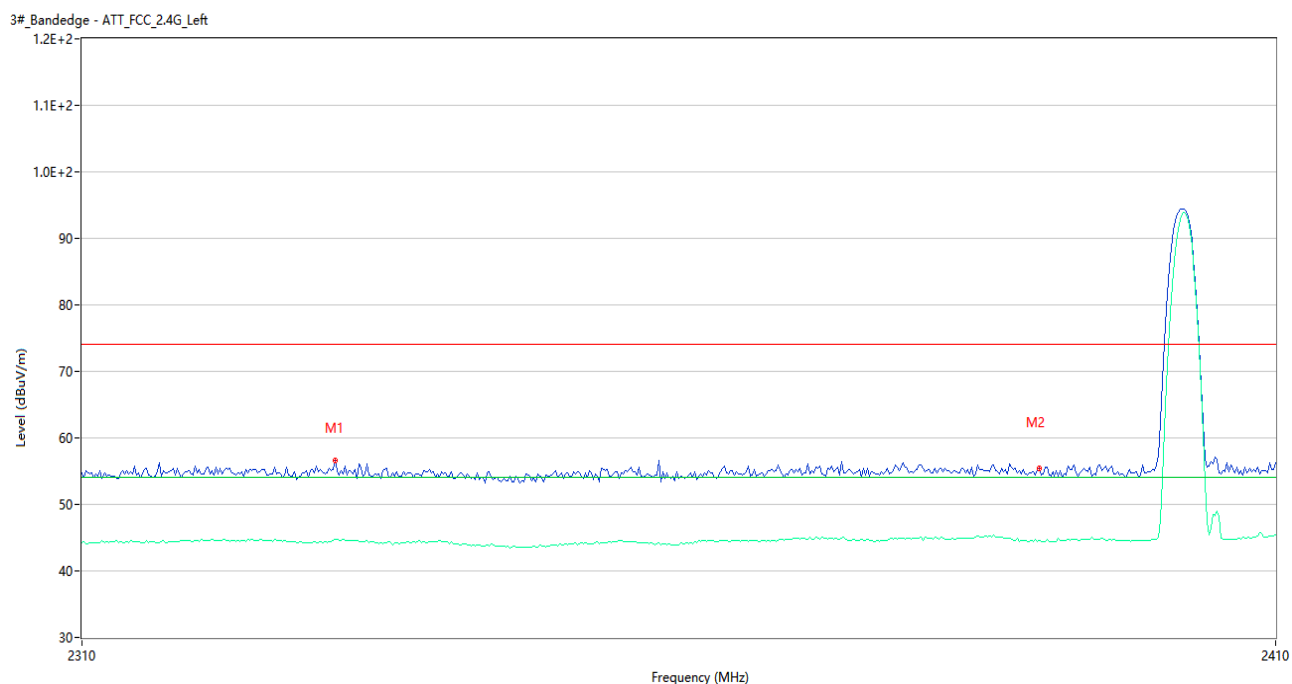
Note ³: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

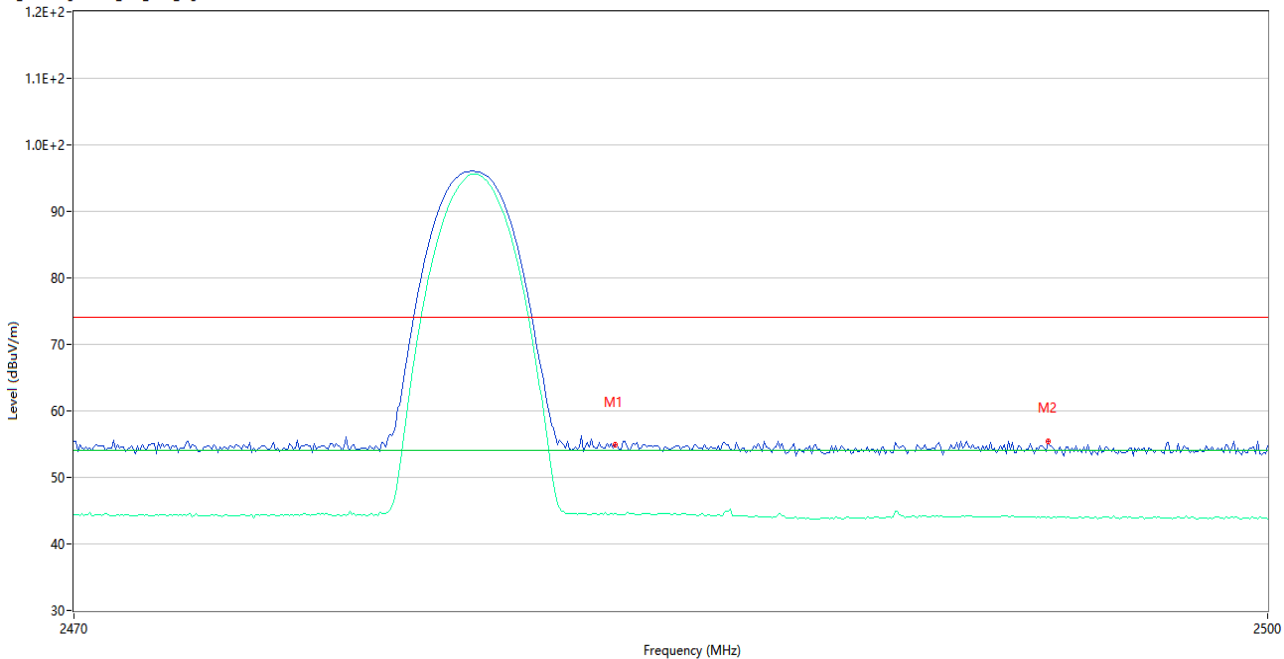
Test Data and Plots

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2328.221	56.80	74.0	17.20	Peak	360.00	100	Horizontal	Pass
1**	2328.221	44.88	54.0	9.12	AV	360.00	100	Horizontal	Pass
2	2390.000	55.59	74.0	18.41	Peak	107.00	100	Horizontal	Pass
2**	2390.000	44.60	54.0	9.40	AV	107.00	100	Horizontal	Pass

3#_Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.86	74.0	19.14	Peak	299.00	300	Horizontal	Pass
1**	2483.500	44.77	54.0	9.23	AV	299.00	300	Horizontal	Pass
2	2496.420	55.76	74.0	18.25	Peak	38.00	100	Horizontal	Pass
2**	2496.420	44.24	54.0	9.76	AV	38.00	100	Horizontal	Pass

8DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2326.268	55.38	74.0	18.62	Peak	48.00	200	Horizontal	Pass
1**	2326.268	43.69	54.0	10.31	AV	48.00	200	Horizontal	Pass
2	2390.000	54.05	74.0	19.96	Peak	256.00	300	Horizontal	Pass
2**	2390.000	42.86	54.0	11.14	AV	256.00	300	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	54.39	74.0	19.61	Peak	3.00	300	Horizontal	Pass
1**	2483.500	43.32	54.0	10.68	AV	3.00	300	Horizontal	Pass
2	2488.370	55.66	74.0	18.34	Peak	78.00	100	Horizontal	Pass
2**	2488.370	43.61	54.0	10.40	AV	78.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26080690-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26080690-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26080690-AI.PDF”.

Statement

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--END OF REPORT--