

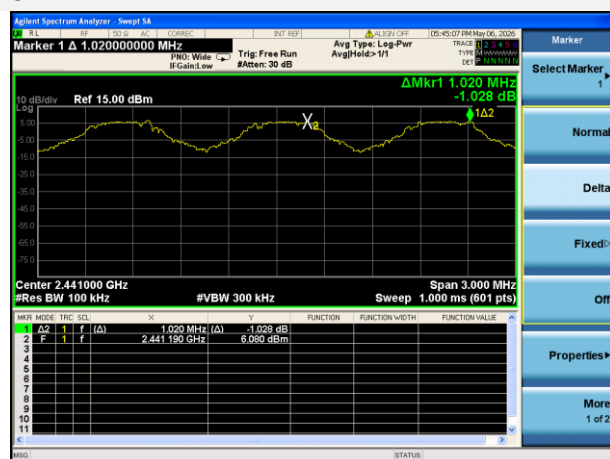
A.4 Hopping Frequency Separation

Test Data

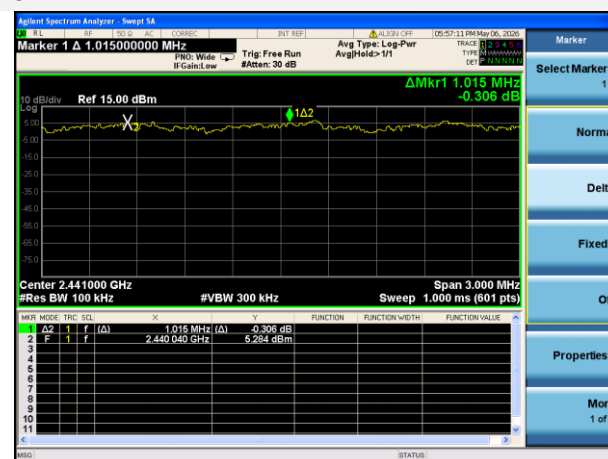
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.020	0.645	Pass
8-DPSK	1.015	0.890	Pass

Test Plots

GFSK



8-DPSK



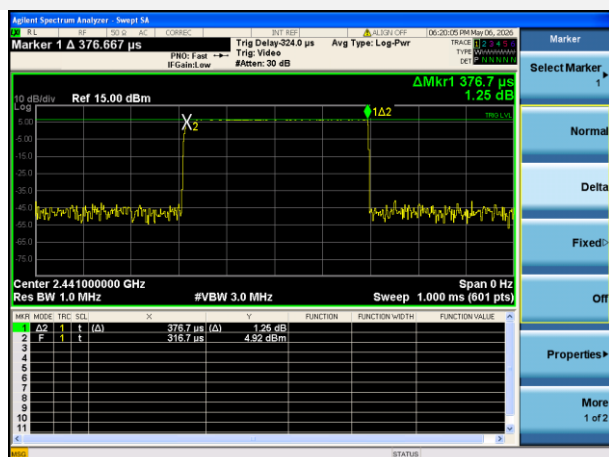
A.5 Average Time of Occupancy

Test Data

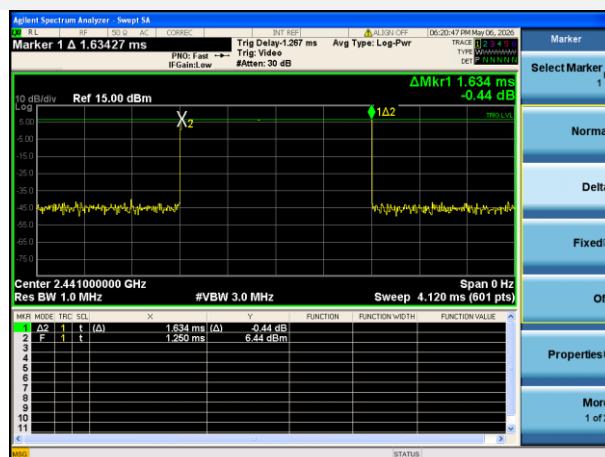
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37670	120.544	0.4	Pass
DH 3	1.63400	261.440	0.4	Pass
DH 5	2.88800	308.053	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.38670	123.744	0.4	Pass
3DH 3	1.63400	261.440	0.4	Pass
3DH 5	2.88800	308.053	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37670	60.272	0.4	Pass
DH 3	1.63400	130.720	0.4	Pass
DH 5	2.88800	154.027	0.4	Pass

Test Plots

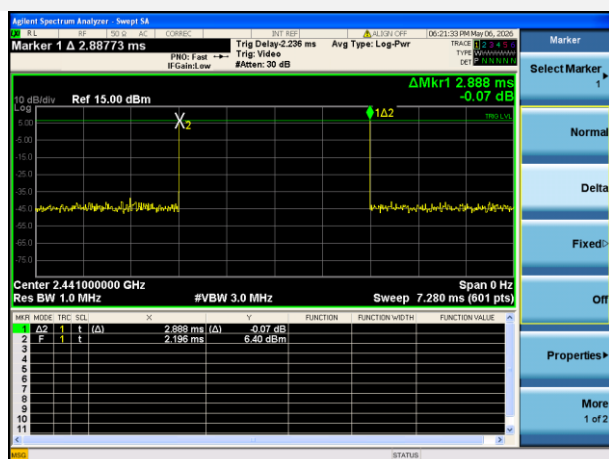
GFSK DH1



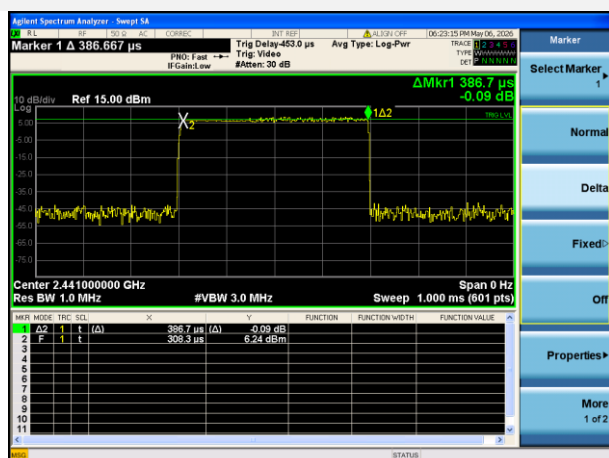
GFSK DH3



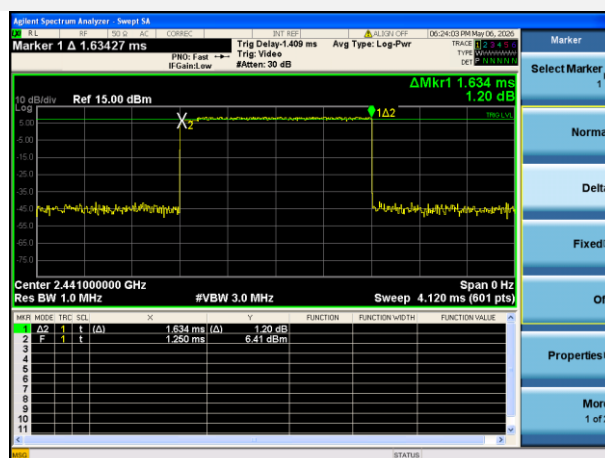
GFSK DH5



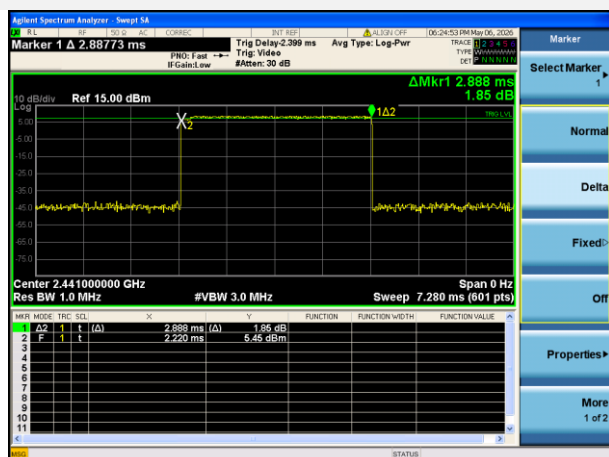
8-DPSK 3DH1



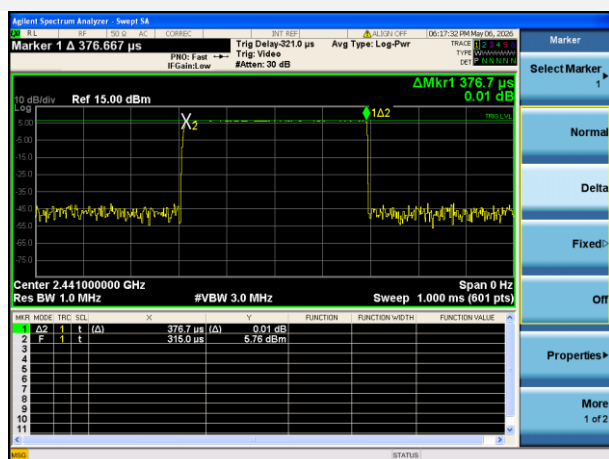
8-DPSK 3DH3



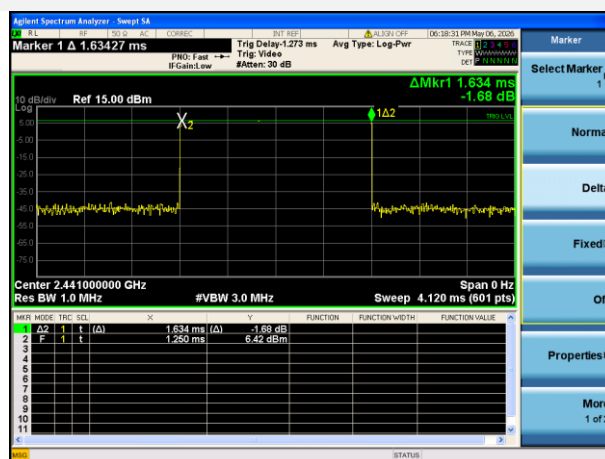
8-DPSK 3DH5



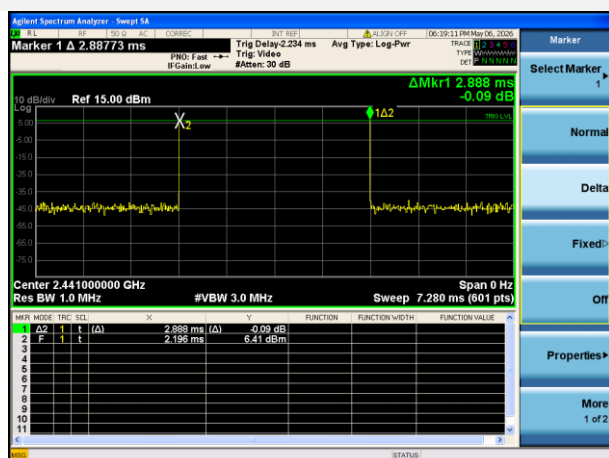
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

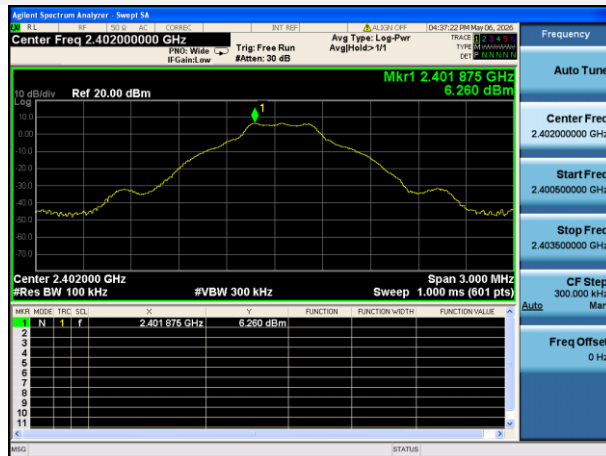
Test Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.88	6.26	-13.74	Pass
Middle	-35.47	6.41	-13.59	Pass
High	-36.03	6.45	-13.55	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.82	6.18	-13.82	Pass
Middle	-36.72	6.41	-13.59	Pass
High	-35.75	6.39	-13.61	Pass

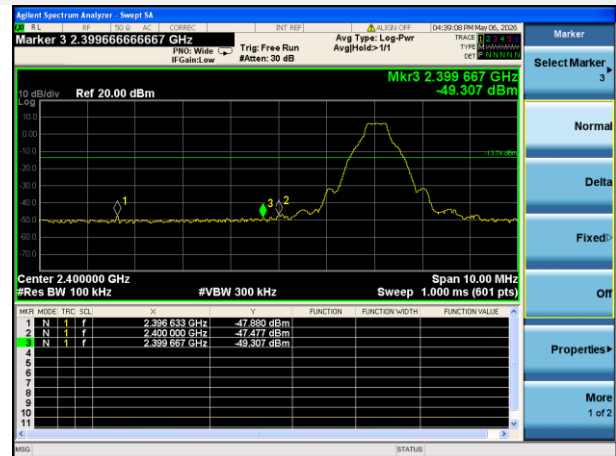
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-25.90	6.47	-13.53	Pass
8-DPSK	-26.87	6.50	-13.50	Pass

Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL

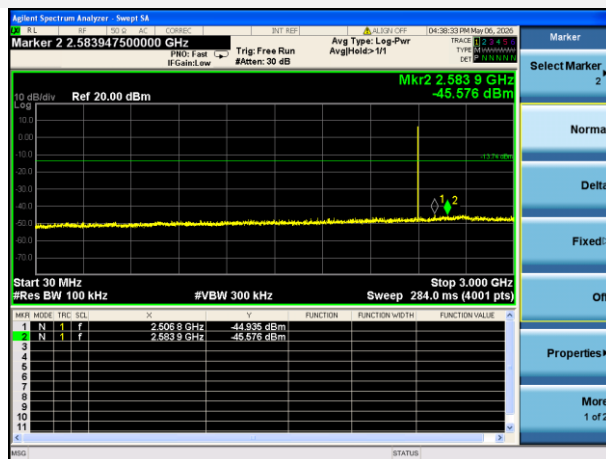


GFSK LOW CHANNEL, BAND EDGE



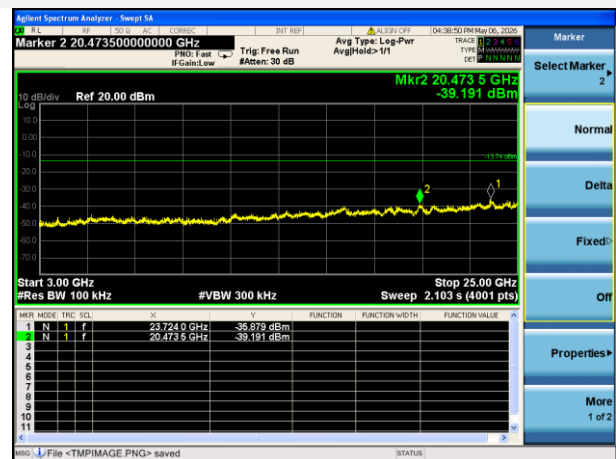
GFSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

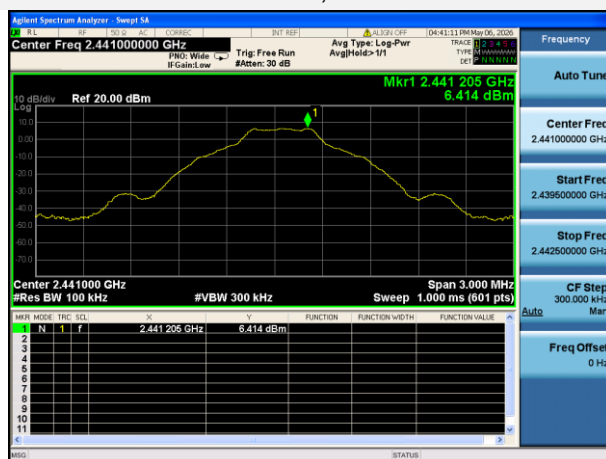


GFSK LOW CHANNEL, SPURIOUS

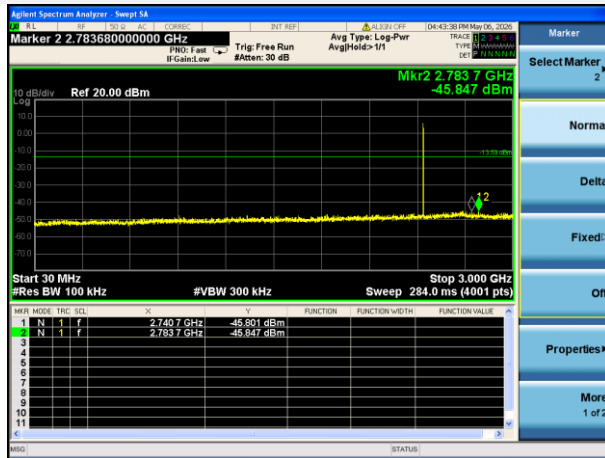
3 GHz ~ 25 GHz



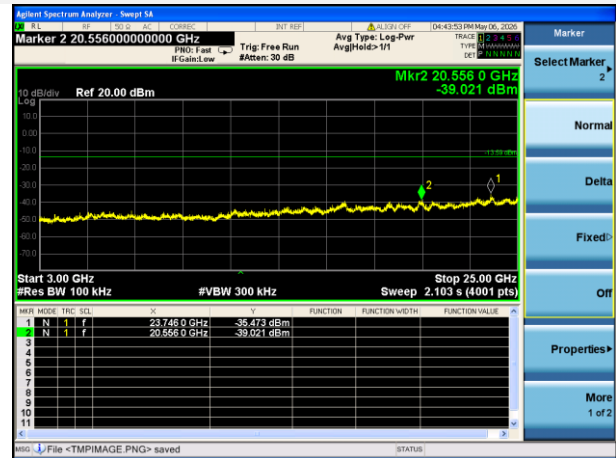
GFSK MIDDLE CHANNEL, CARRIER LEVEL



GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



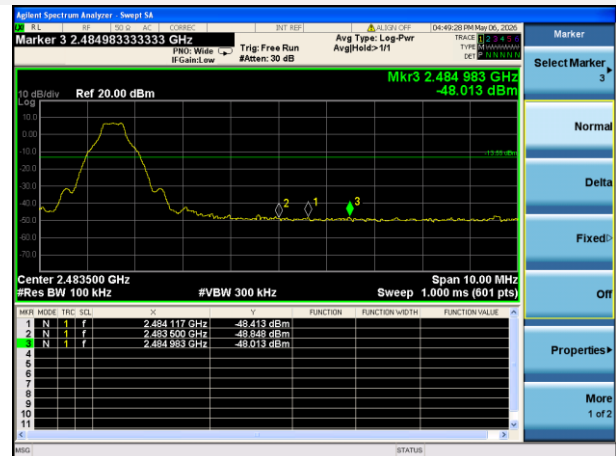
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



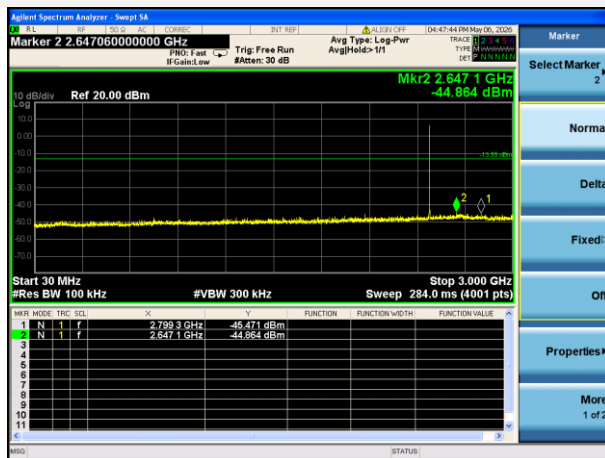
GFSK HIGH CHANNEL, CARRIER LEVEL



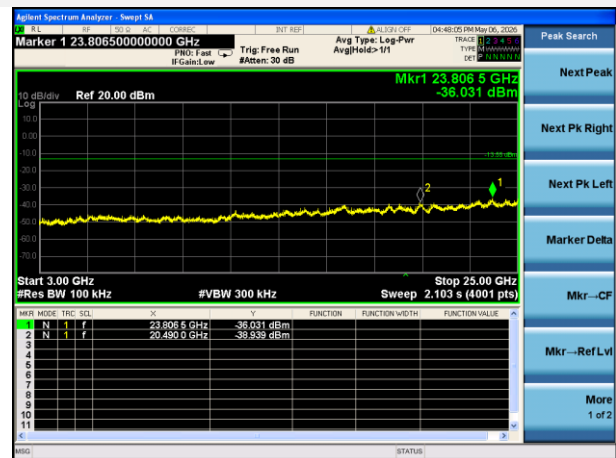
GFSK HIGH CHANNEL, BAND EDGE



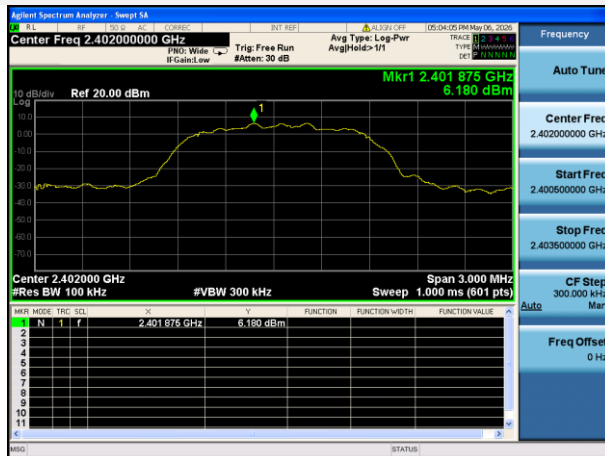
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

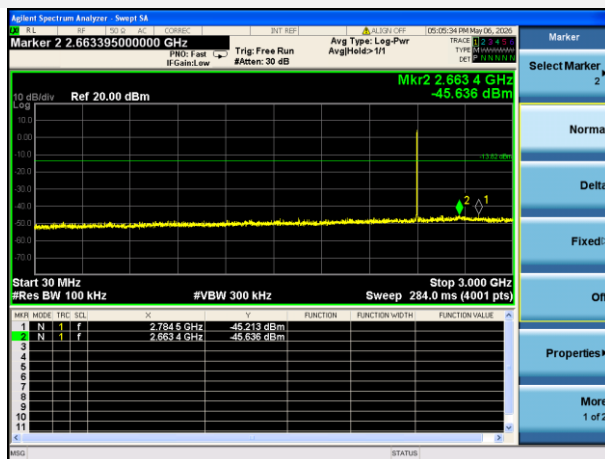


8-DPSK LOW CHANNEL, BAND EDGE



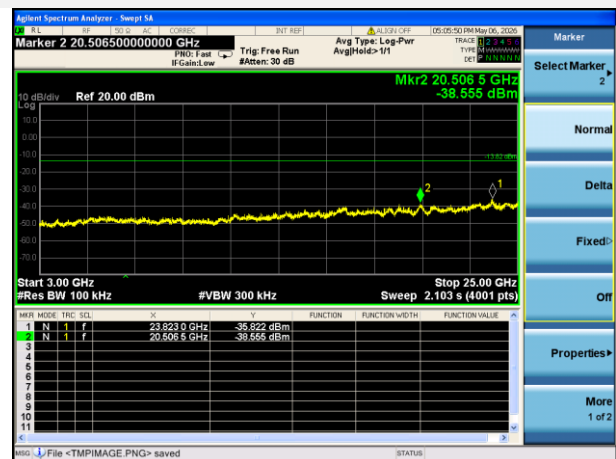
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

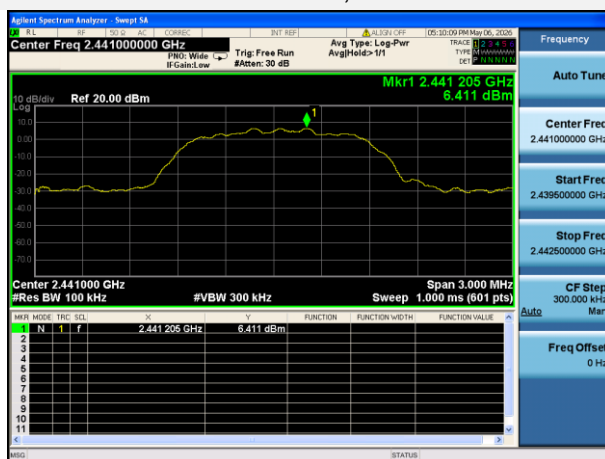


8-DPSK LOW CHANNEL, SPURIOUS

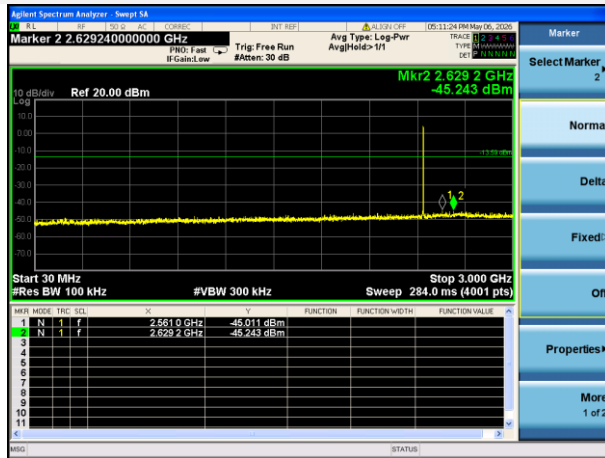
3 GHz ~ 25 GHz



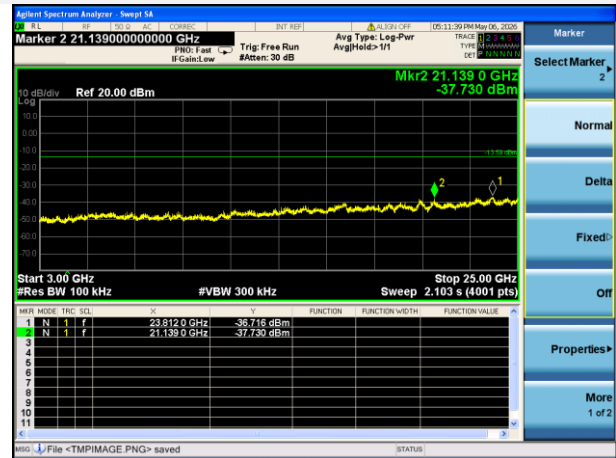
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



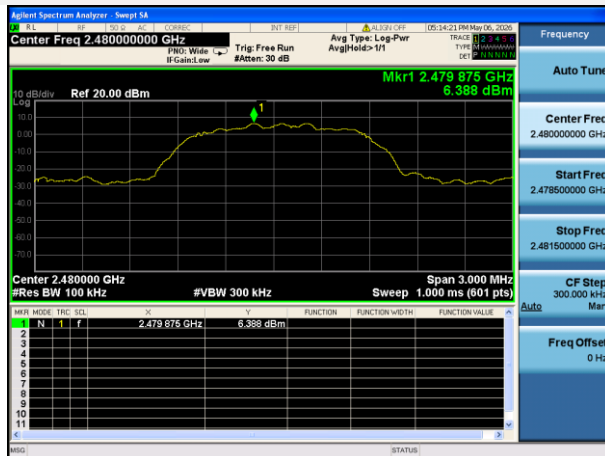
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



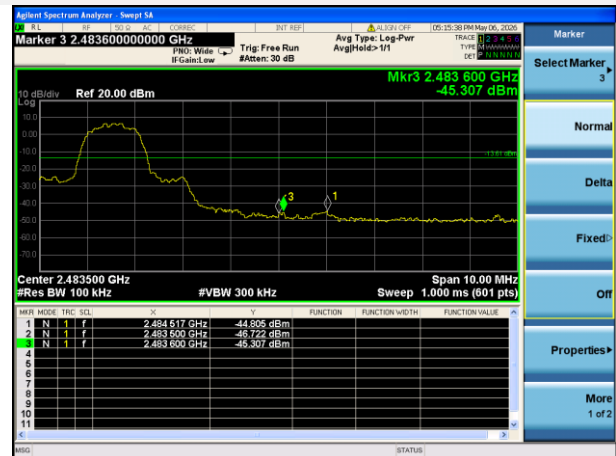
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



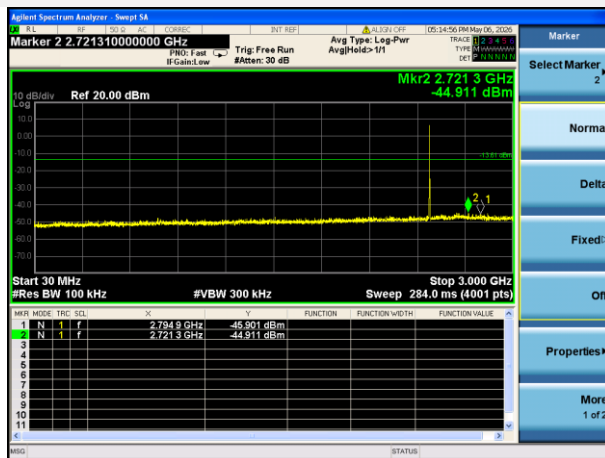
8-DPSK HIGH CHANNEL, CARRIER LEVEL



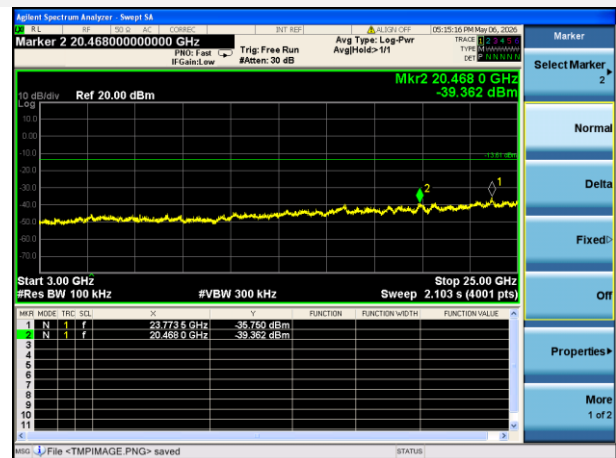
8-DPSK HIGH CHANNEL, BAND EDGE



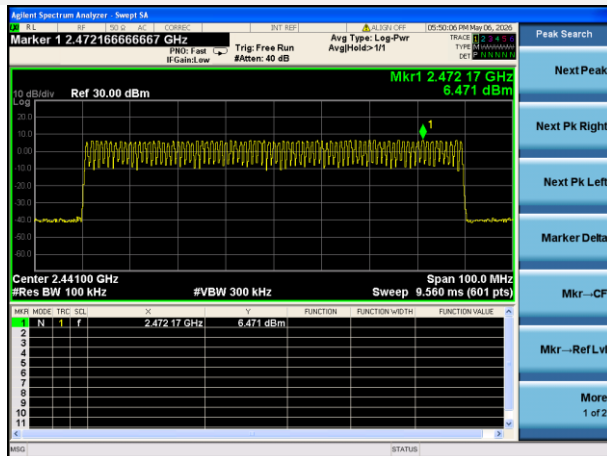
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



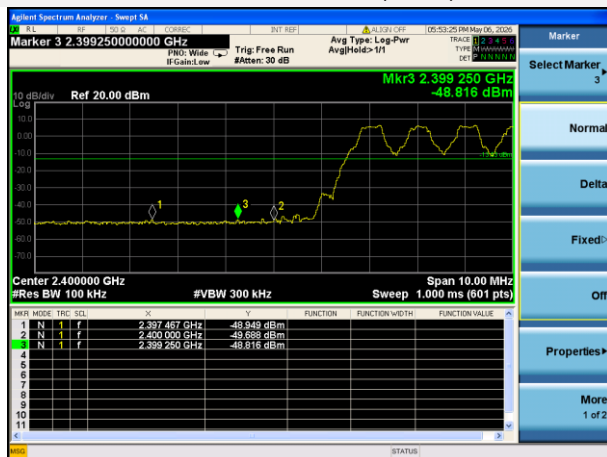
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



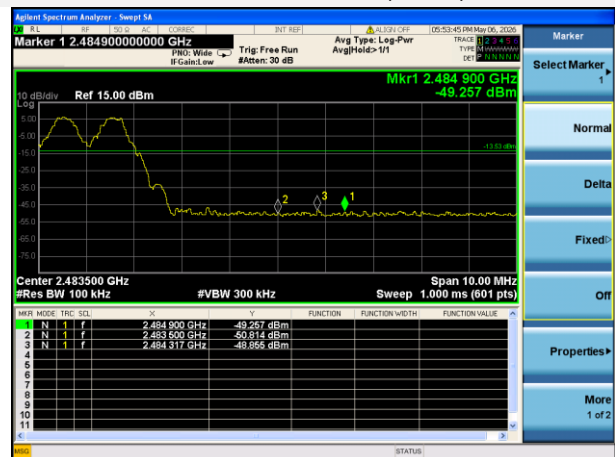
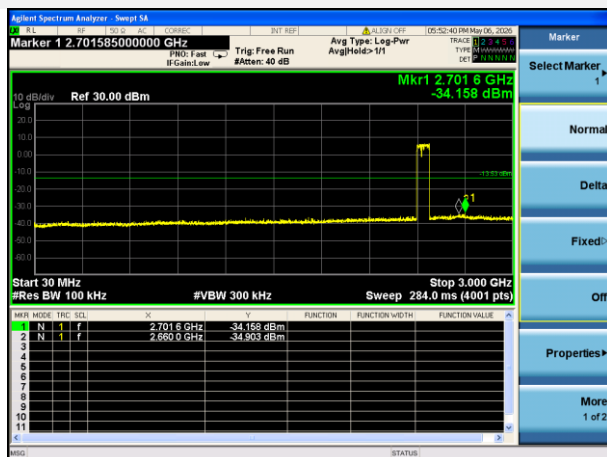
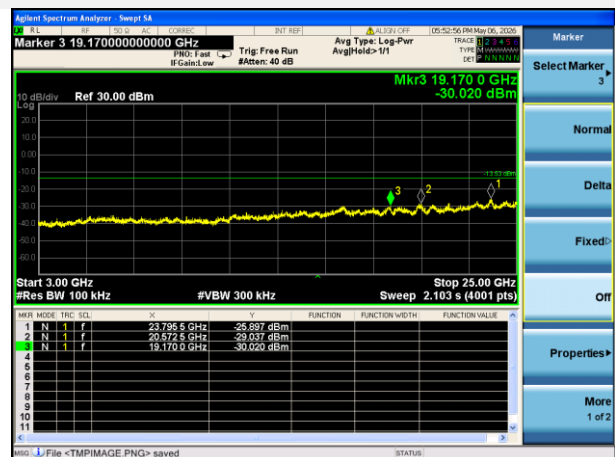
GFSK HOPPING, CARRIER LEVEL



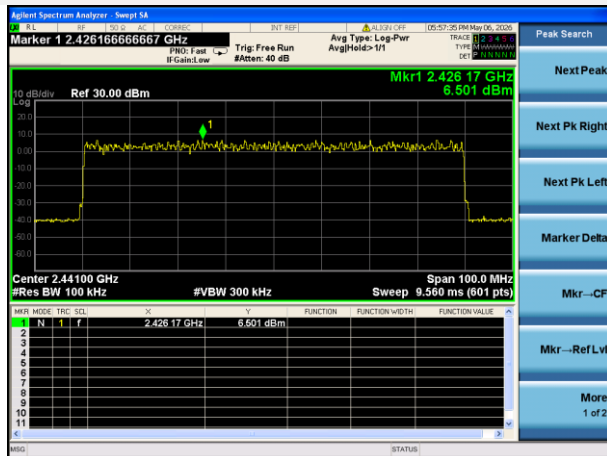
GFSK HOPPING BAND EDGE (LOW)



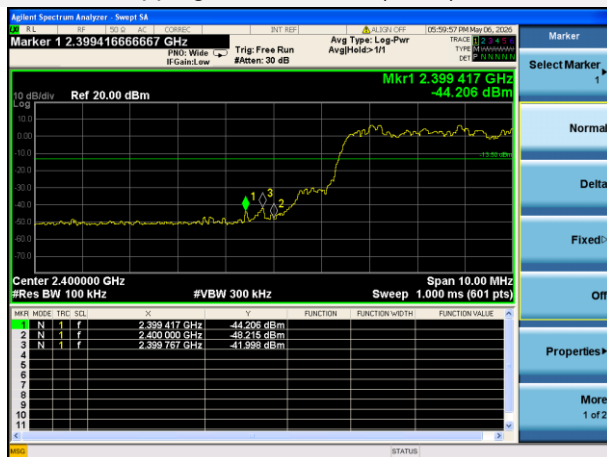
GFSK HOPPING BAND EDGE (HIGH)

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

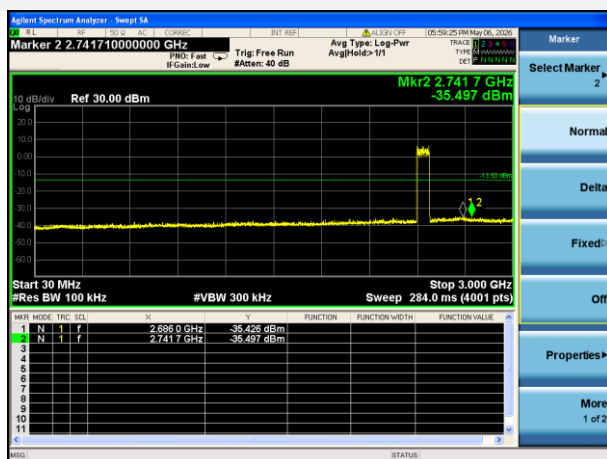
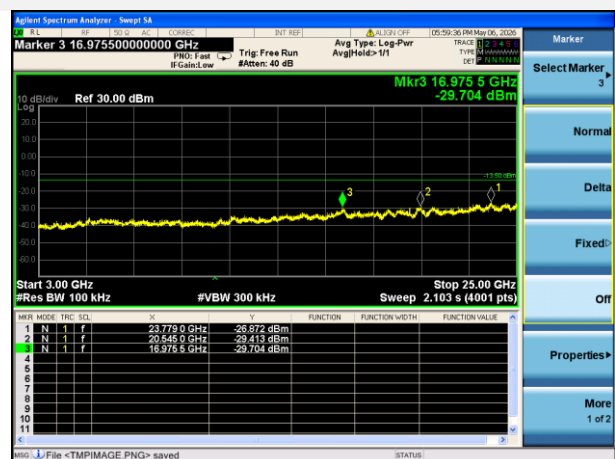
8-DPSK HOPPING, CARRIER LEVEL



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

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

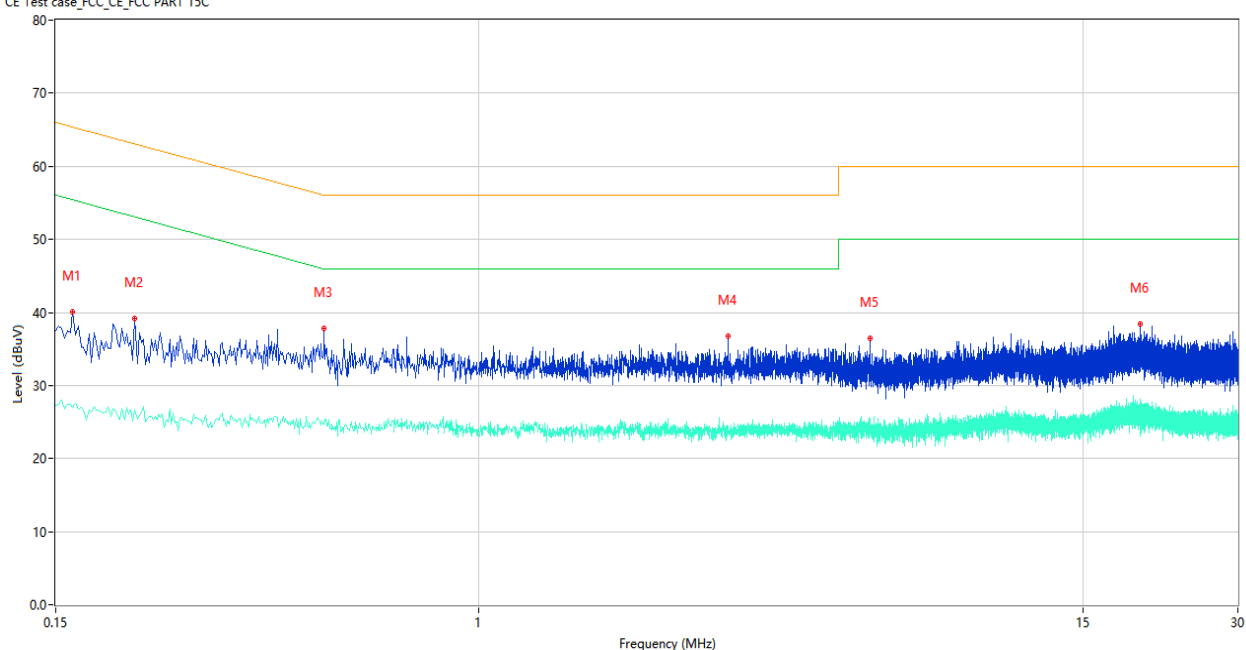
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

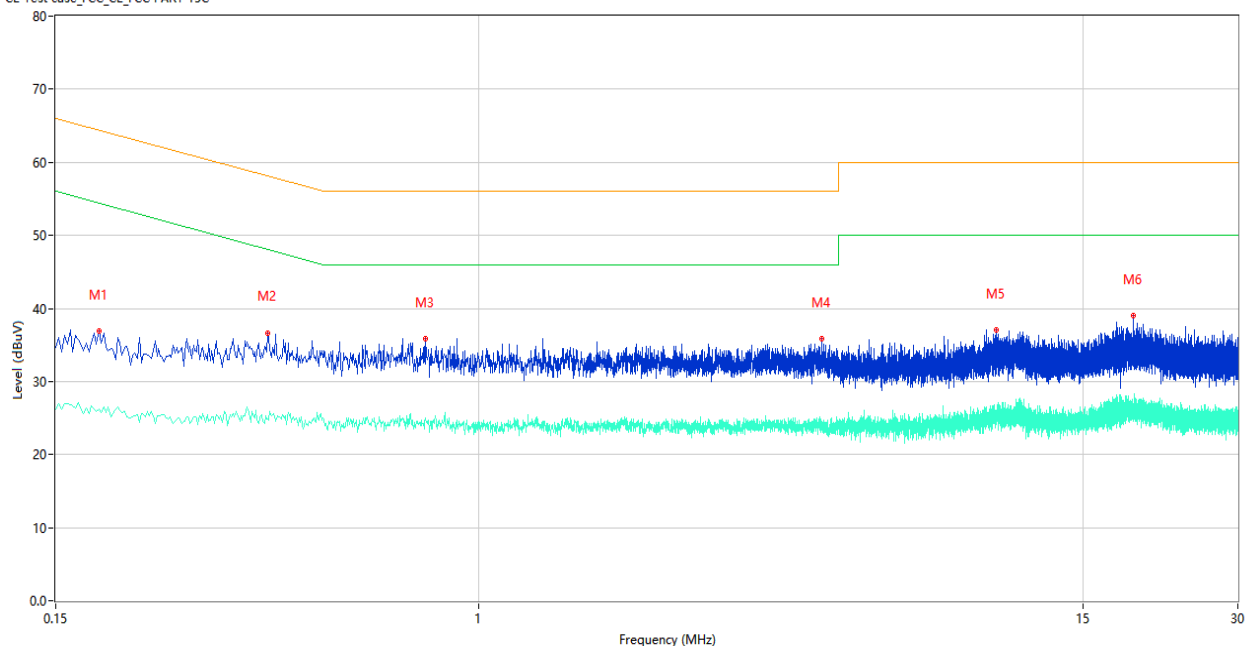
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	40.01	9.85	65.36	25.35	Peak	L	Pass
1**	0.162	26.97	9.85	55.36	28.39	AV	L	Pass
2	0.214	39.12	9.83	63.05	23.93	Peak	L	Pass
2**	0.214	26.61	9.83	53.05	26.44	AV	L	Pass
3	0.500	37.82	10.04	56.00	18.18	Peak	L	Pass
3**	0.500	24.89	10.04	46.00	21.11	AV	L	Pass
4	3.054	36.71	10.11	56.00	19.29	Peak	L	Pass
4**	3.054	23.65	10.11	46.00	22.35	AV	L	Pass
5	5.782	36.46	10.35	60.00	23.54	Peak	L	Pass
5**	5.782	25.46	10.35	50.00	24.54	AV	L	Pass
6	19.386	38.44	11.18	60.00	21.56	Peak	L	Pass
6**	19.386	28.18	11.18	50.00	21.82	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	0.182	36.85	9.84	64.39	27.54	Peak	N	Pass
1**	0.182	26.25	9.84	54.39	28.14	AV	N	Pass
2	0.388	36.68	10.66	58.11	21.43	Peak	N	Pass
2**	0.388	24.89	10.66	48.11	23.22	AV	N	Pass
3	0.788	35.90	10.50	56.00	20.10	Peak	N	Pass
3**	0.788	24.97	10.50	46.00	21.03	AV	N	Pass
4	4.644	35.81	10.30	56.00	20.19	Peak	N	Pass
4**	4.644	24.14	10.30	46.00	21.86	AV	N	Pass
5	10.182	37.04	10.57	60.00	22.96	Peak	N	Pass
5**	10.182	25.40	10.57	50.00	24.60	AV	N	Pass
6	18.776	38.95	11.05	60.00	21.05	Peak	N	Pass
6**	18.776	25.48	11.05	50.00	24.52	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.

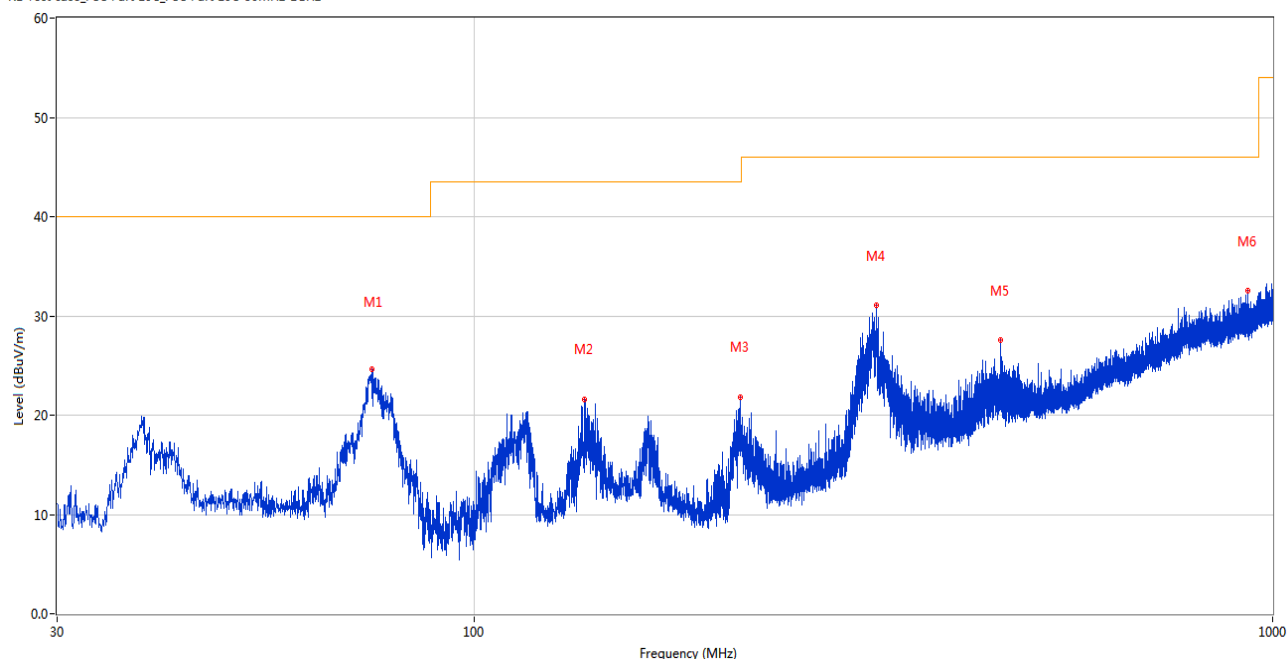
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

30 MHz to 1 GHz, ANT H

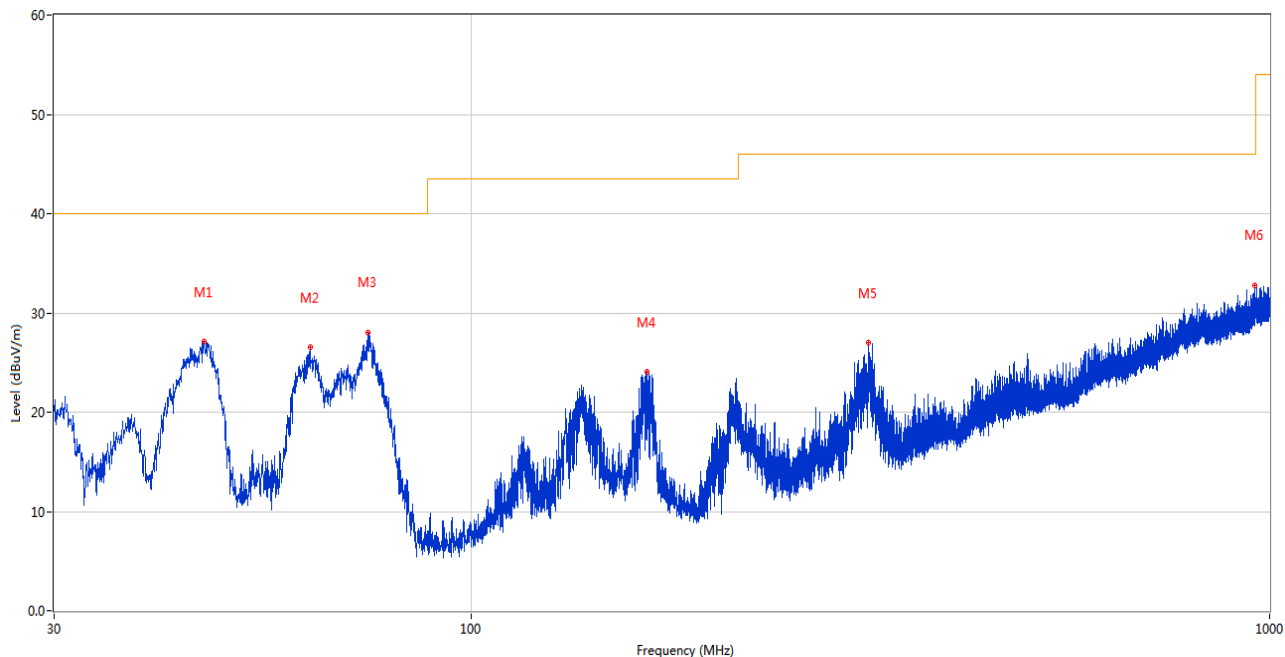
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	74.378	24.63	-27.59	40.0	15.37	Peak	0.00	200	Horizontal	Pass
2	137.525	21.62	-24.78	43.5	21.88	Peak	303.00	200	Horizontal	Pass
3	215.222	21.85	-26.83	43.5	21.65	Peak	261.00	100	Horizontal	Pass
4	318.575	31.07	-21.37	46.0	14.93	Peak	0.00	100	Horizontal	Pass
5	456.751	27.56	-16.97	46.0	18.44	Peak	212.00	100	Horizontal	Pass
6	932.052	32.50	-7.92	46.0	13.50	Peak	44.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



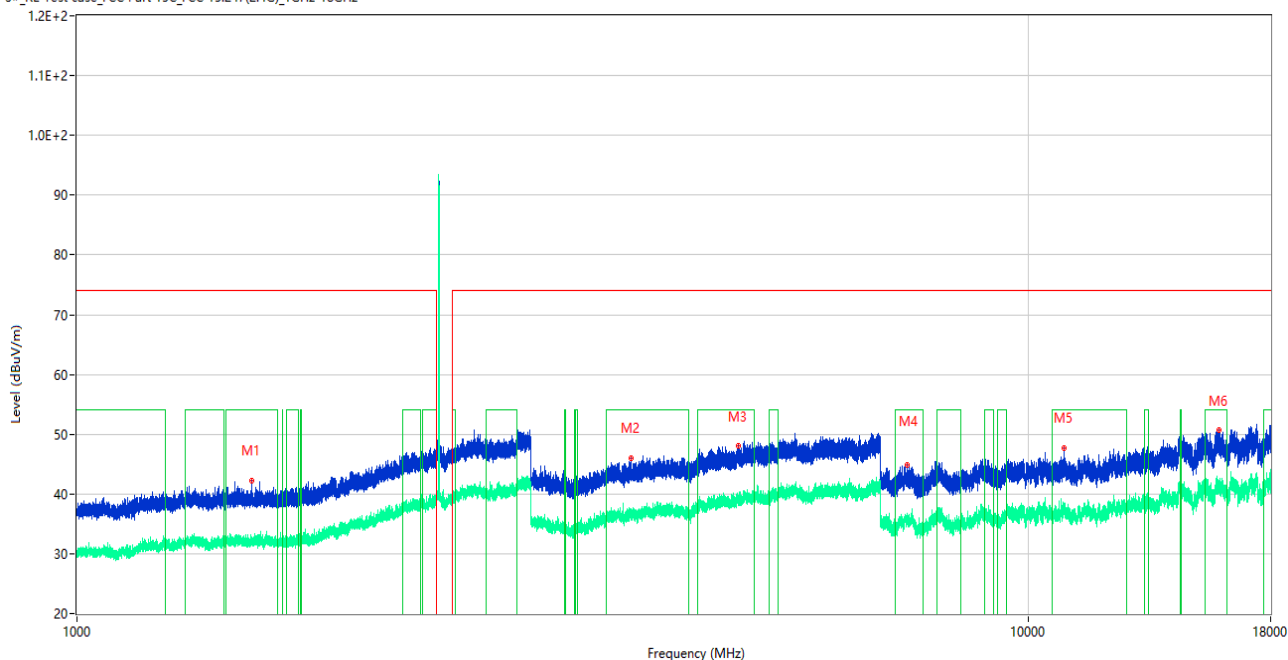
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.199	27.13	-24.83	40.0	12.87	Peak	213.00	100	Vertical	Pass
2	62.834	26.52	-25.95	40.0	13.48	Peak	133.00	100	Vertical	Pass
3	74.135	28.05	-27.55	40.0	11.95	Peak	140.00	100	Vertical	Pass
4	165.800	24.05	-23.75	43.5	19.45	Peak	245.00	100	Vertical	Pass
5	313.967	27.00	-21.61	46.0	19.00	Peak	147.00	200	Vertical	Pass
6	957.320	32.82	-6.91	46.0	13.18	Peak	259.00	200	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.

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

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	1528.622	42.43	74.0	31.57	Peak	88.00	200	Horizontal	Pass
1**	1528.622	31.69	54.0	22.31	AV	88.00	200	Horizontal	Pass
2	3823.646	46.16	74.0	27.84	Peak	242.00	100	Horizontal	Pass
2**	3823.646	36.48	54.0	17.53	AV	242.00	100	Horizontal	Pass
3	4954.596	48.13	74.0	25.87	Peak	265.00	200	Horizontal	Pass
3**	4954.596	39.07	54.0	14.93	AV	265.00	200	Horizontal	Pass
4	7459.820	44.94	74.0	29.06	Peak	239.00	100	Horizontal	Pass
4**	7459.820	35.44	54.0	18.56	AV	239.00	100	Horizontal	Pass
5	10904.397	48.00	74.0	26.00	Peak	96.00	100	Horizontal	Pass
5**	10904.397	37.43	54.0	16.57	AV	96.00	100	Horizontal	Pass
6	15877.047	50.89	74.0	23.11	Peak	282.00	200	Horizontal	Pass
6**	15877.047	41.20	54.0	12.80	AV	282.00	200	Horizontal	Pass

GFSK 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	1159.238	49.50	74.0	24.50	Peak	99.00	400	Vertical	Pass
1**	1159.238	34.85	54.0	19.15	AV	99.00	400	Vertical	Pass
2	1338.061	49.03	74.0	24.97	Peak	270.00	300	Vertical	Pass
2**	1338.061	36.42	54.0	17.59	AV	270.00	300	Vertical	Pass
3	4920.254	46.54	74.0	27.46	Peak	231.00	200	Vertical	Pass
3**	4920.254	38.11	54.0	15.89	AV	231.00	200	Vertical	Pass
4	7932.606	51.39	74.0	22.61	Peak	149.00	400	Vertical	Pass
4**	7932.606	40.25	54.0	13.75	AV	149.00	400	Vertical	Pass
5	12493.130	50.99	74.0	23.01	Peak	201.00	400	Vertical	Pass
5**	12493.130	40.41	54.0	13.59	AV	201.00	400	Vertical	Pass
6	17101.461	52.40	74.0	21.60	Peak	339.00	400	Vertical	Pass
6**	17101.461	40.99	54.0	13.02	AV	339.00	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	1527.811	41.91	74.0	32.09	Peak	184.00	100	Horizontal	Pass
1**	1527.811	30.74	54.0	23.26	AV	184.00	100	Horizontal	Pass
2	3825.690	45.71	74.0	28.29	Peak	358.00	300	Horizontal	Pass
2**	3825.690	36.29	54.0	17.72	AV	358.00	300	Horizontal	Pass
3	4955.748	47.62	74.0	26.38	Peak	316.00	200	Horizontal	Pass
3**	4955.748	38.24	54.0	15.76	AV	316.00	200	Horizontal	Pass
4	7463.418	44.90	74.0	29.10	Peak	357.00	200	Horizontal	Pass
4**	7463.418	34.90	54.0	19.10	AV	357.00	200	Horizontal	Pass
5	10902.537	47.31	74.0	26.69	Peak	173.00	100	Horizontal	Pass
5**	10902.537	36.53	54.0	17.47	AV	173.00	100	Horizontal	Pass
6	15876.455	50.30	74.0	23.70	Peak	279.00	100	Horizontal	Pass
6**	15876.455	40.39	54.0	13.61	AV	279.00	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	1159.680	49.18	74.0	24.82	Peak	78.00	300	Vertical	Pass
1**	1159.680	34.52	54.0	19.48	AV	78.00	300	Vertical	Pass
2	1339.726	48.17	74.0	25.83	Peak	219.00	200	Vertical	Pass
2**	1339.726	36.31	54.0	17.70	AV	219.00	200	Vertical	Pass
3	4919.079	45.82	74.0	28.18	Peak	95.00	200	Vertical	Pass
3**	4919.079	37.78	54.0	16.22	AV	95.00	200	Vertical	Pass
4	7929.985	51.06	74.0	22.94	Peak	290.00	100	Vertical	Pass
4**	7929.985	40.14	54.0	13.86	AV	290.00	100	Vertical	Pass
5	12495.337	50.37	74.0	23.63	Peak	281.00	100	Vertical	Pass
5**	12495.337	40.74	54.0	13.26	AV	281.00	100	Vertical	Pass
6	17107.767	51.87	74.0	22.13	Peak	192.00	400	Vertical	Pass
6**	17107.767	40.14	54.0	13.87	AV	192.00	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	1525.641	42.20	74.0	31.80	Peak	50.00	200	Horizontal	Pass
1**	1525.641	31.15	54.0	22.85	AV	50.00	200	Horizontal	Pass
2	3821.621	46.08	74.0	27.92	Peak	15.00	400	Horizontal	Pass
2**	3821.621	36.36	54.0	17.65	AV	15.00	400	Horizontal	Pass
3	4953.600	48.10	74.0	25.90	Peak	248.00	200	Horizontal	Pass
3**	4953.600	38.14	54.0	15.86	AV	248.00	200	Horizontal	Pass
4	7465.968	44.03	74.0	29.97	Peak	263.00	400	Horizontal	Pass
4**	7465.968	34.93	54.0	19.07	AV	263.00	400	Horizontal	Pass
5	10901.687	47.66	74.0	26.34	Peak	113.00	400	Horizontal	Pass
5**	10901.687	37.07	54.0	16.93	AV	113.00	400	Horizontal	Pass
6	15877.985	50.11	74.0	23.89	Peak	226.00	300	Horizontal	Pass
6**	15877.985	40.30	54.0	13.70	AV	226.00	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	1163.291	48.67	74.0	25.33	Peak	231.00	100	Vertical	Pass
1**	1163.291	34.60	54.0	19.40	AV	231.00	100	Vertical	Pass
2	1337.384	48.23	74.0	25.77	Peak	194.00	300	Vertical	Pass
2**	1337.384	36.38	54.0	17.63	AV	194.00	300	Vertical	Pass
3	4923.071	46.32	74.0	27.68	Peak	67.00	200	Vertical	Pass
3**	4923.071	37.87	54.0	16.13	AV	67.00	200	Vertical	Pass
4	7927.604	50.71	74.0	23.29	Peak	322.00	400	Vertical	Pass
4**	7927.604	40.79	54.0	13.21	AV	322.00	400	Vertical	Pass
5	12489.846	50.17	74.0	23.83	Peak	348.00	200	Vertical	Pass
5**	12489.846	40.48	54.0	13.52	AV	348.00	200	Vertical	Pass
6	17102.205	51.90	74.0	22.10	Peak	260.00	100	Vertical	Pass
6**	17102.205	40.07	54.0	13.94	AV	260.00	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	1283.603	41.71	74.0	32.29	Peak	308.00	200	Horizontal	Pass
1**	1283.603	31.67	54.0	22.33	AV	308.00	200	Horizontal	Pass
2	2772.315	45.25	74.0	28.75	Peak	312.00	100	Horizontal	Pass
2**	2772.315	36.43	54.0	17.58	AV	312.00	100	Horizontal	Pass
3	5166.293	47.62	74.0	26.38	Peak	21.00	200	Horizontal	Pass
3**	5166.293	38.73	54.0	15.27	AV	21.00	200	Horizontal	Pass
4	6806.046	44.55	74.0	29.45	Peak	250.00	300	Horizontal	Pass
4**	6806.046	34.99	54.0	19.01	AV	250.00	300	Horizontal	Pass
5	13467.320	47.31	74.0	26.69	Peak	151.00	300	Horizontal	Pass
5**	13467.320	37.24	54.0	16.76	AV	151.00	300	Horizontal	Pass
6	17463.509	50.57	74.0	23.43	Peak	355.00	200	Horizontal	Pass
6**	17463.509	40.26	54.0	13.74	AV	355.00	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	1284.724	48.67	74.0	25.33	Peak	323.00	100	Vertical	Pass
1**	1284.724	34.84	54.0	19.16	AV	323.00	100	Vertical	Pass
2	2768.607	48.30	74.0	25.70	Peak	338.00	400	Vertical	Pass
2**	2768.607	35.98	54.0	18.03	AV	338.00	400	Vertical	Pass
3	5167.573	46.48	74.0	27.52	Peak	275.00	200	Vertical	Pass
3**	5167.573	37.59	54.0	16.41	AV	275.00	200	Vertical	Pass
4	6806.057	51.17	74.0	22.83	Peak	162.00	100	Vertical	Pass
4**	6806.057	41.00	54.0	13.00	AV	162.00	100	Vertical	Pass
5	13469.116	50.61	74.0	23.39	Peak	198.00	200	Vertical	Pass
5**	13469.116	40.66	54.0	13.34	AV	198.00	200	Vertical	Pass
6	17466.951	51.53	74.0	22.47	Peak	204.00	300	Vertical	Pass
6**	17466.951	40.37	54.0	13.64	AV	204.00	300	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	1287.792	41.72	74.0	32.28	Peak	33.00	400	Horizontal	Pass
1**	1287.792	30.50	54.0	23.50	AV	33.00	400	Horizontal	Pass
2	2769.269	44.72	74.0	29.28	Peak	352.00	100	Horizontal	Pass
2**	2769.269	35.81	54.0	18.20	AV	352.00	100	Horizontal	Pass
3	5165.797	47.14	74.0	26.86	Peak	359.00	200	Horizontal	Pass
3**	5165.797	37.39	54.0	16.61	AV	359.00	200	Horizontal	Pass
4	6804.020	44.74	74.0	29.26	Peak	318.00	300	Horizontal	Pass
4**	6804.020	34.53	54.0	19.47	AV	318.00	300	Horizontal	Pass
5	13468.139	47.12	74.0	26.88	Peak	145.00	200	Horizontal	Pass
5**	13468.139	35.59	54.0	18.41	AV	145.00	200	Horizontal	Pass
6	17468.704	49.48	74.0	24.52	Peak	222.00	200	Horizontal	Pass
6**	17468.704	40.30	54.0	13.70	AV	222.00	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	1284.361	48.79	74.0	25.21	Peak	340.00	100	Vertical	Pass
1**	1284.361	34.28	54.0	19.72	AV	340.00	100	Vertical	Pass
2	2769.943	48.05	74.0	25.95	Peak	322.00	400	Vertical	Pass
2**	2769.943	35.35	54.0	18.66	AV	322.00	400	Vertical	Pass
3	5161.131	45.40	74.0	28.60	Peak	222.00	200	Vertical	Pass
3**	5161.131	37.27	54.0	16.73	AV	222.00	200	Vertical	Pass
4	6808.070	50.13	74.0	23.87	Peak	204.00	300	Vertical	Pass
4**	6808.070	40.15	54.0	13.85	AV	204.00	300	Vertical	Pass
5	13465.161	50.30	74.0	23.70	Peak	303.00	400	Vertical	Pass
5**	13465.161	45.07	54.0	13.29	AV	303.00	400	Vertical	Pass
6	17461.970	51.38	74.0	22.62	Peak	284.00	100	Vertical	Pass
6**	17461.970	40.36	54.0	13.65	AV	284.00	100	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	1281.973	41.65	74.0	32.35	Peak	38.00	400	Horizontal	Pass
1**	1281.973	31.11	54.0	22.89	AV	38.00	400	Horizontal	Pass
2	2768.727	45.93	74.0	28.07	Peak	293.00	200	Horizontal	Pass
2**	2768.727	36.35	54.0	17.66	AV	293.00	200	Horizontal	Pass
3	5166.504	47.49	74.0	26.51	Peak	46.00	200	Horizontal	Pass
3**	5166.504	38.08	54.0	15.92	AV	46.00	200	Horizontal	Pass
4	6803.253	43.50	74.0	30.50	Peak	36.00	200	Horizontal	Pass
4**	6803.253	34.48	54.0	19.52	AV	36.00	200	Horizontal	Pass
5	13466.156	46.91	74.0	27.09	Peak	13.00	400	Horizontal	Pass
5**	13466.156	36.24	54.0	17.76	AV	13.00	400	Horizontal	Pass
6	17470.337	50.03	74.0	23.97	Peak	69.00	300	Horizontal	Pass
6**	17470.337	39.38	54.0	14.62	AV	69.00	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	1287.323	48.57	74.0	25.43	Peak	330.00	300	Vertical	Pass
1**	1287.323	34.11	54.0	19.89	AV	330.00	300	Vertical	Pass
2	2768.441	48.08	74.0	25.92	Peak	193.00	200	Vertical	Pass
2**	2768.441	35.52	54.0	18.48	AV	193.00	200	Vertical	Pass
3	5161.319	45.90	74.0	28.10	Peak	306.00	200	Vertical	Pass
3**	5161.319	37.39	54.0	16.61	AV	306.00	200	Vertical	Pass
4	6803.833	49.74	74.0	24.26	Peak	168.00	400	Vertical	Pass
4**	6803.833	40.52	54.0	13.48	AV	168.00	400	Vertical	Pass
5	13464.201	49.43	74.0	24.57	Peak	19.00	100	Vertical	Pass
5**	13464.201	40.47	54.0	13.53	AV	19.00	100	Vertical	Pass
6	17460.814	50.92	74.0	23.08	Peak	176.00	400	Vertical	Pass
6**	17460.814	40.46	54.0	13.54	AV	176.00	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.

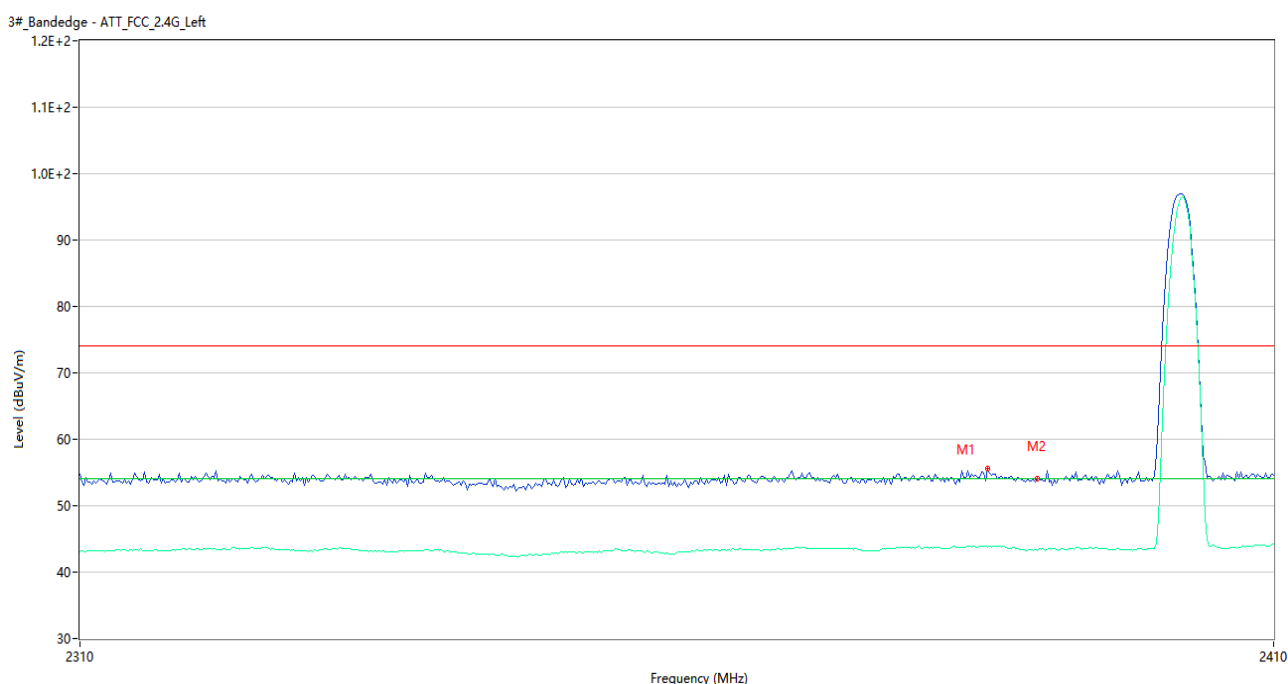
Note³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

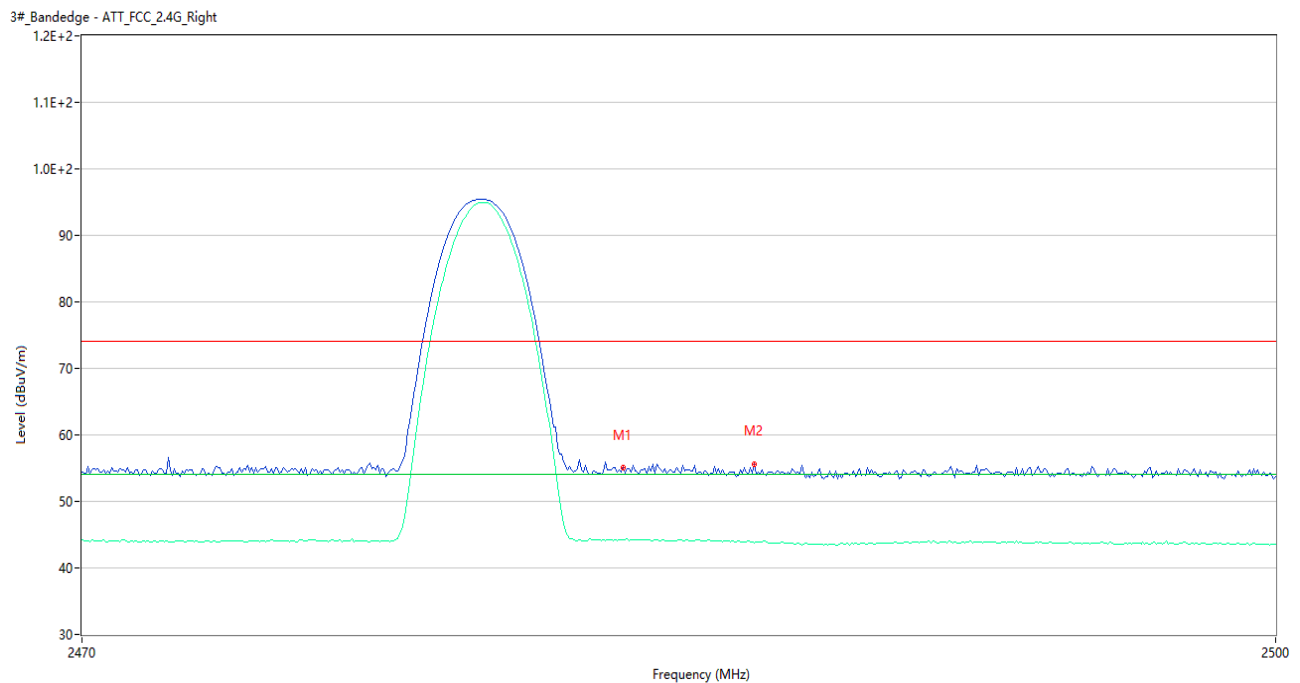
Test Data and Plots

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2330.641	57.08	74.0	16.92	Peak	314.00	200	Horizontal	Pass
1**	2330.641	44.23	54.0	9.77	AV	314.00	200	Horizontal	Pass
2	2390.000	54.66	74.0	19.34	Peak	44.00	200	Horizontal	Pass
2**	2390.000	44.42	54.0	9.58	AV	44.00	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	55.54	74.0	18.46	Peak	164.00	300	Horizontal	Pass
1**	2483.500	45.18	54.0	8.82	AV	164.00	300	Horizontal	Pass
2	2485.973	57.09	74.0	16.91	Peak	207.00	100	Horizontal	Pass
2**	2485.973	44.93	54.0	9.07	AV	207.00	100	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	2327.159	55.46	74.0	18.54	Peak	244.00	200	Horizontal	Pass
1**	2327.159	43.68	54.0	10.32	AV	244.00	200	Horizontal	Pass
2	2390.000	54.11	74.0	19.89	Peak	117.00	300	Horizontal	Pass
2**	2390.000	43.01	54.0	10.99	AV	117.00	300	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	54.46	74.0	19.55	Peak	142.00	200	Horizontal	Pass
1**	2483.500	43.31	54.0	10.69	AV	142.00	200	Horizontal	Pass
2	2490.062	55.54	74.0	18.47	Peak	241.00	100	Horizontal	Pass
2**	2490.062	43.58	54.0	10.42	AV	241.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26040752-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26040752-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26040752-AI.PDF”.

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--END OF REPORT--