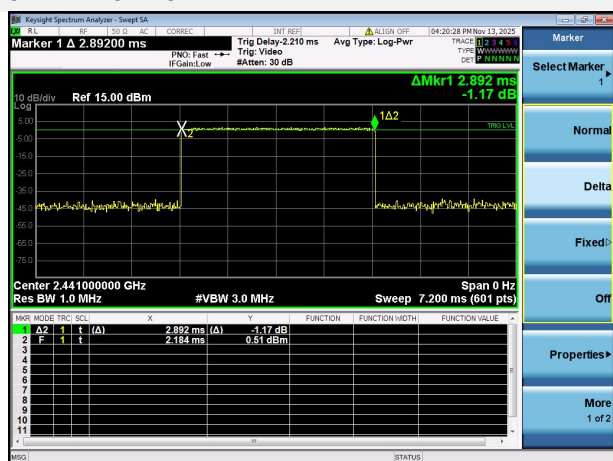
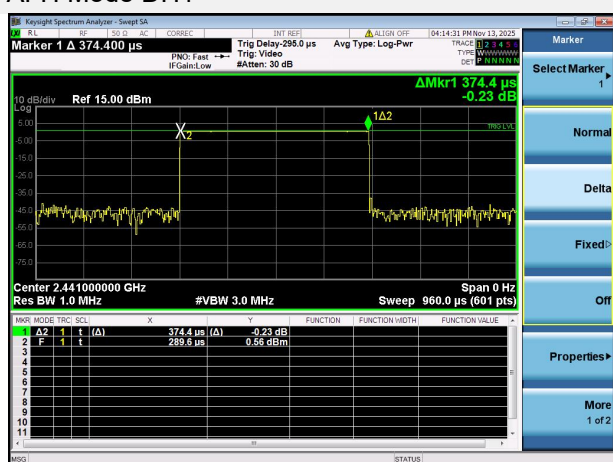


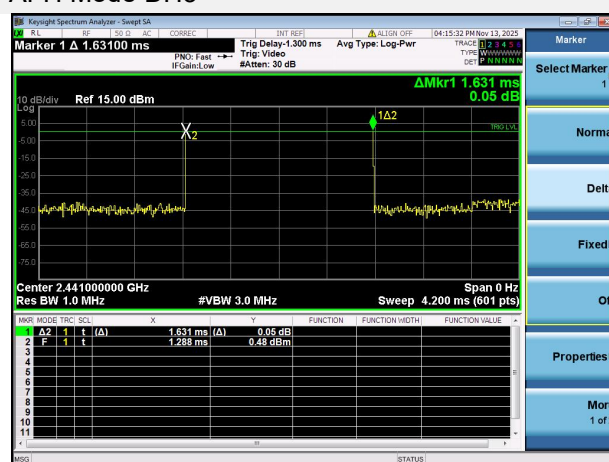
8-DPSK 3DH5



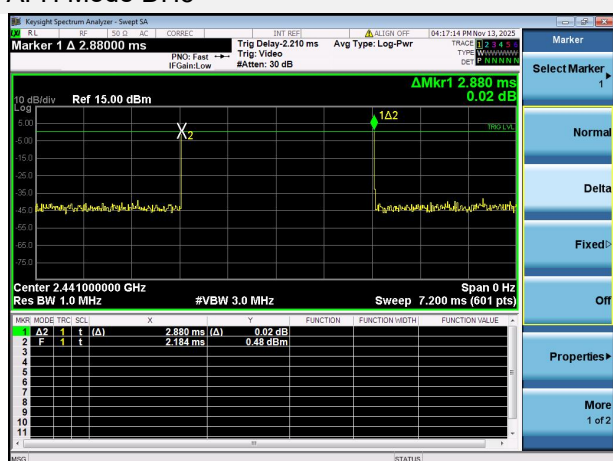
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



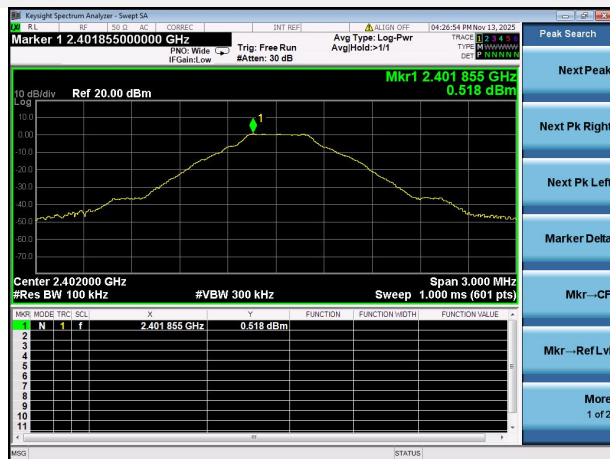
A.6 Conducted Spurious Emissions & Authorized-band band-edge

Test Data

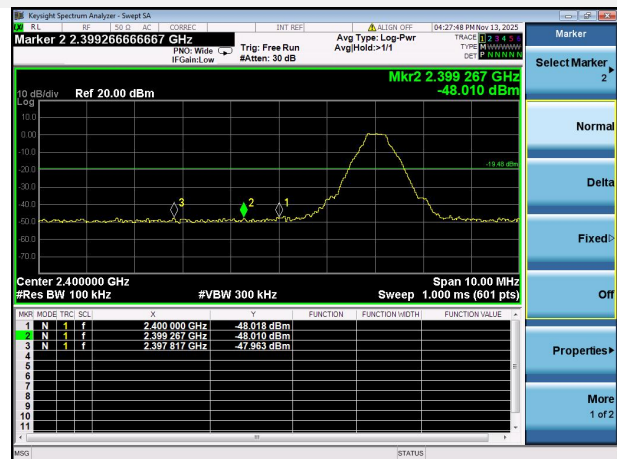
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.72	0.52	-19.48	Pass
Middle	-33.76	0.33	-19.67	Pass
High	-34.52	0.10	-19.90	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.11	0.51	-19.49	Pass
Middle	-34.56	0.33	-19.67	Pass
High	-33.70	0.08	-19.92	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-38.43	0.52	-19.48	Pass
8-DPSK	-41.88	0.49	-19.51	Pass

Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL

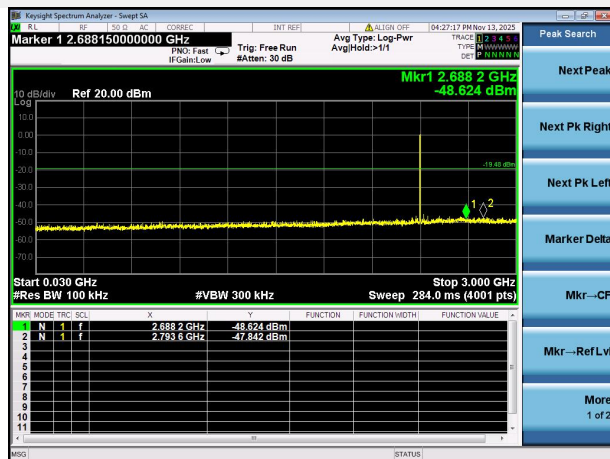


GFSK LOW CHANNEL, BAND EDGE



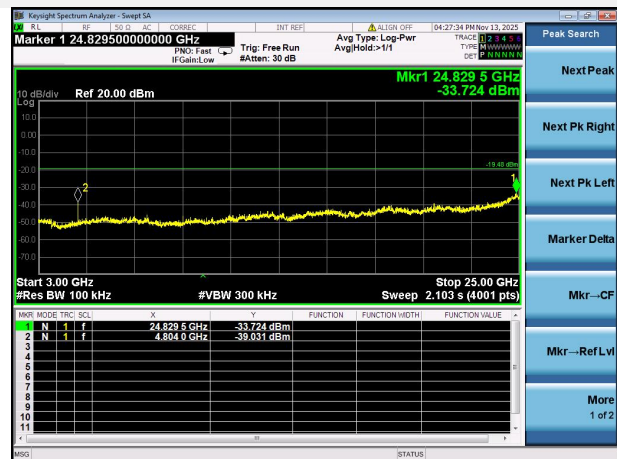
GFSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz



GFSK LOW CHANNEL, SPURIOUS

3 GHz ~ 25 GHz

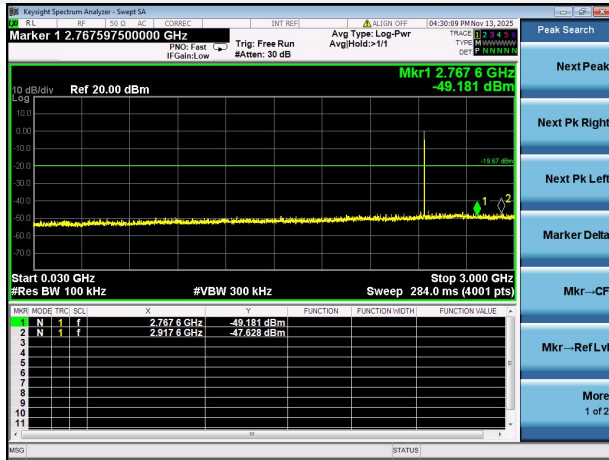


GFSK MIDDLE CHANNEL, CARRIER LEVEL



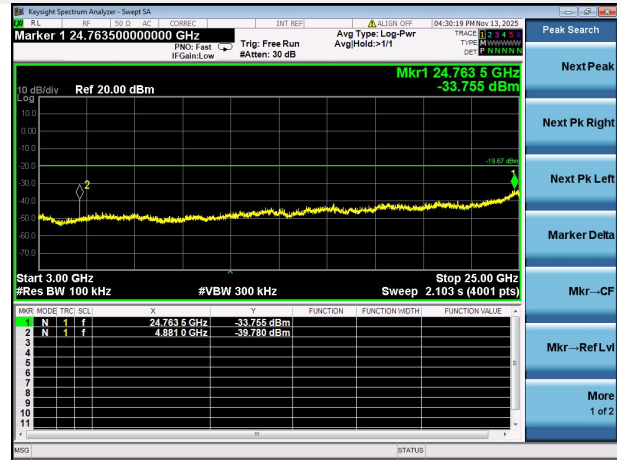
GFSK MIDDLE CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

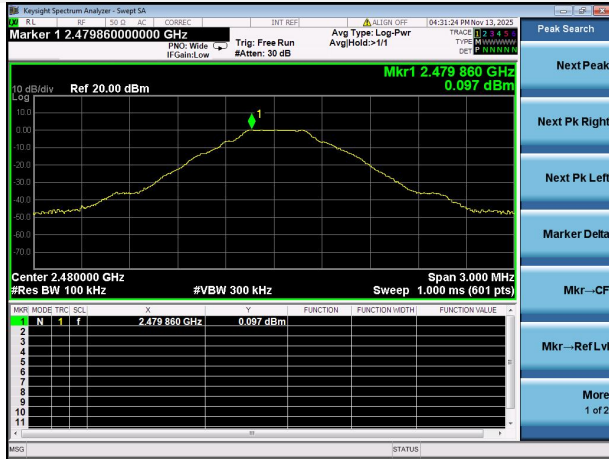


GFSK MIDDLE CHANNEL, SPURIOUS

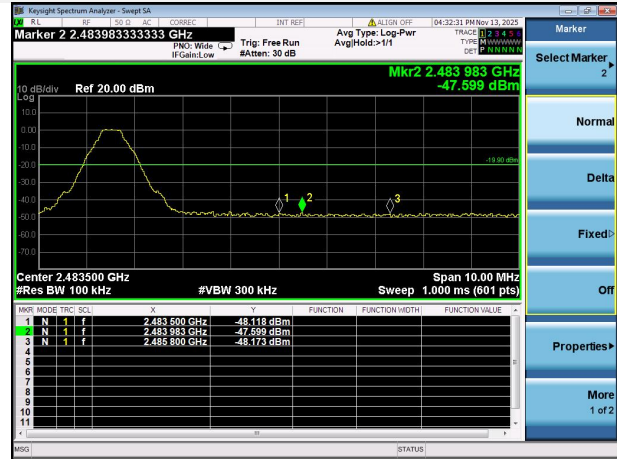
3 GHz ~ 25 GHz



GFSK HIGH CHANNEL, CARRIER LEVEL

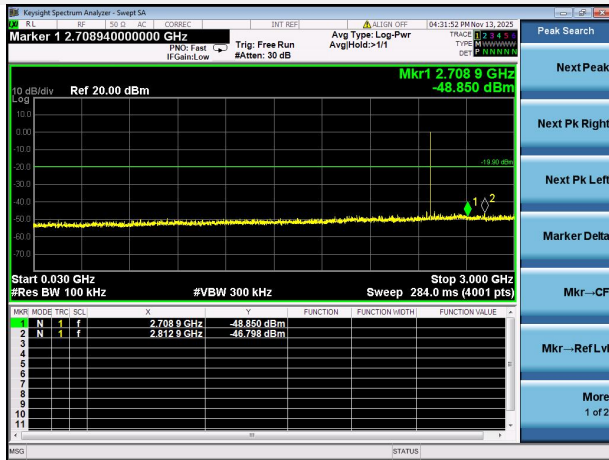


GFSK HIGH CHANNEL, BAND EDGE



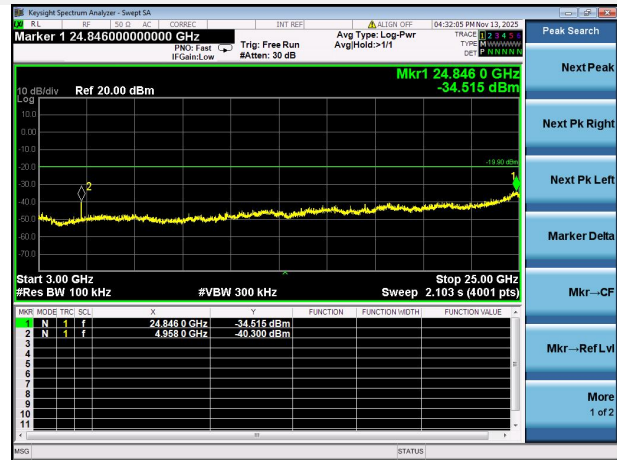
GFSK HIGH CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

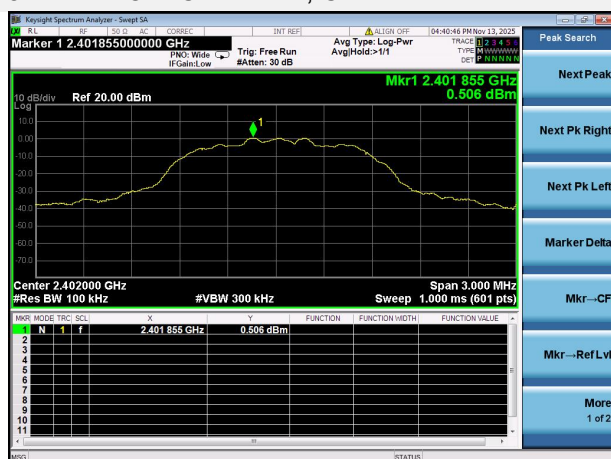


GFSK HIGH CHANNEL, SPURIOUS

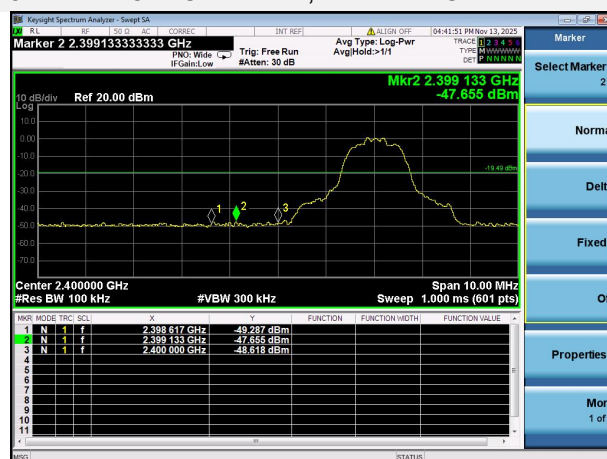
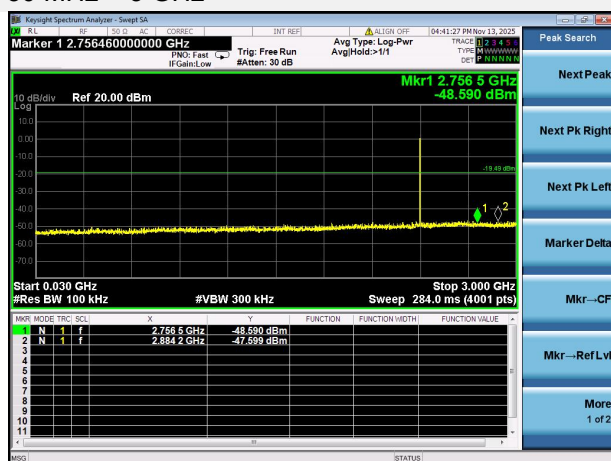
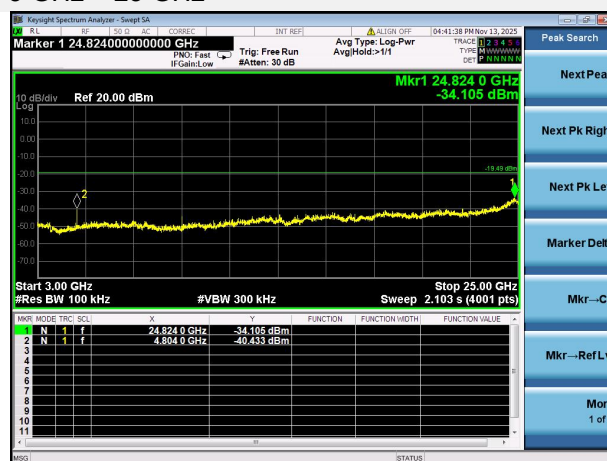
3 GHz ~ 25 GHz



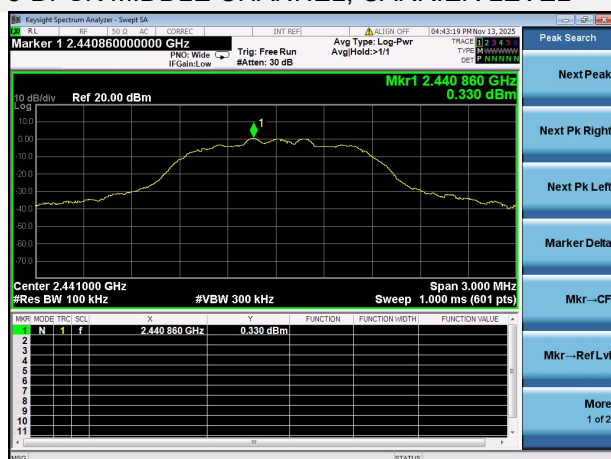
8-DPSK LOW CHANNEL, CARRIER LEVEL



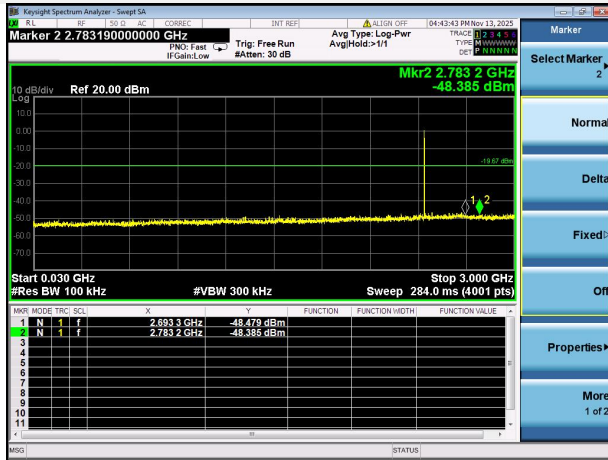
8-DPSK LOW CHANNEL, BAND EDGE

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

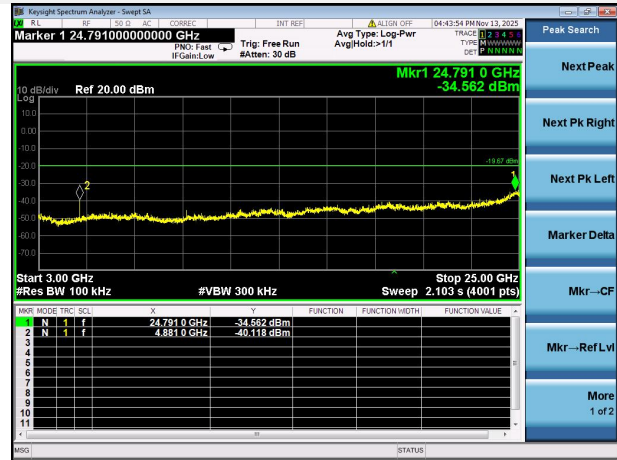
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



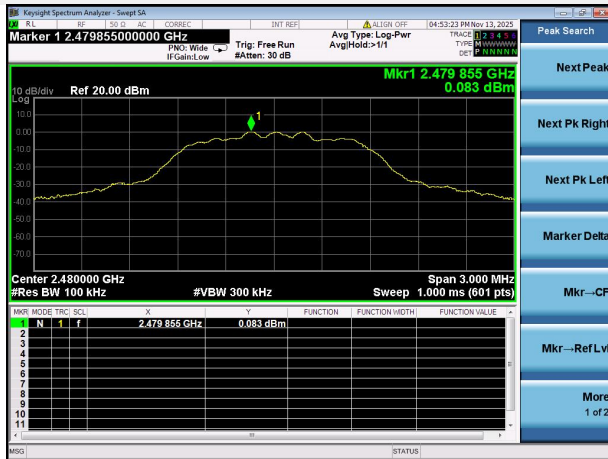
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



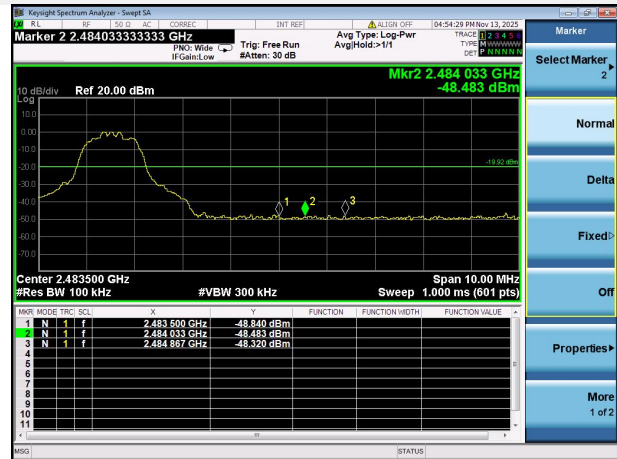
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



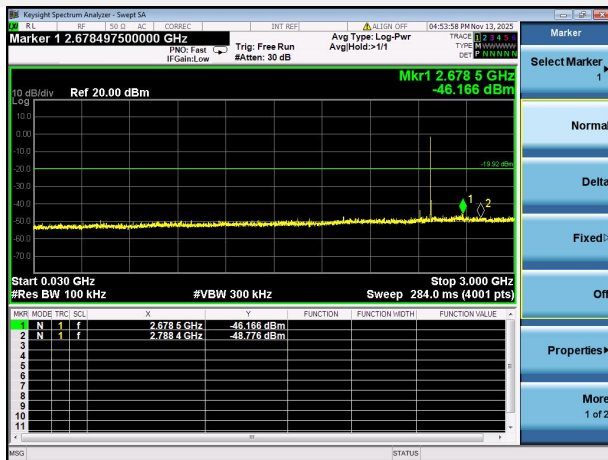
8-DPSK HIGH CHANNEL, CARRIER LEVEL



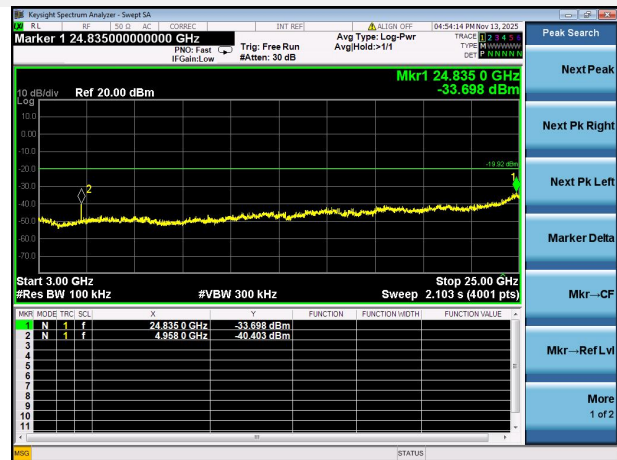
8-DPSK HIGH CHANNEL, BAND EDGE



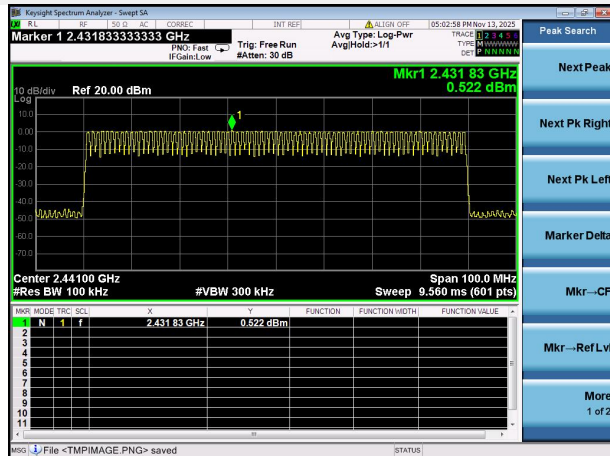
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



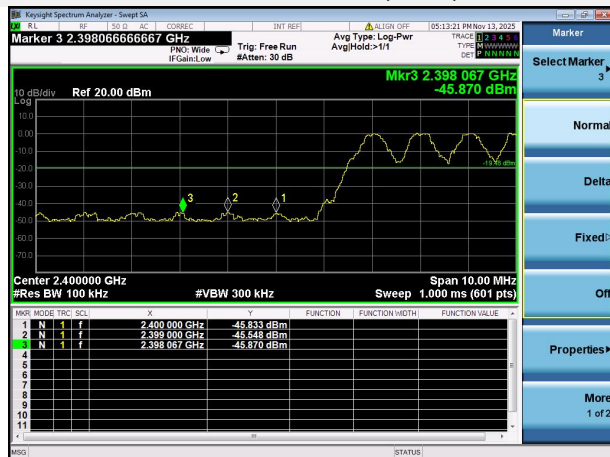
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



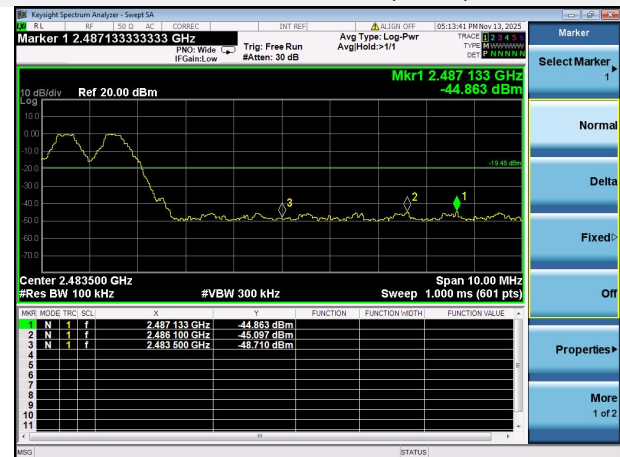
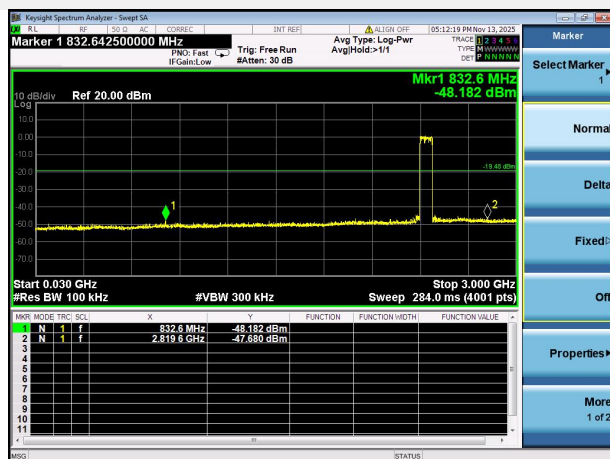
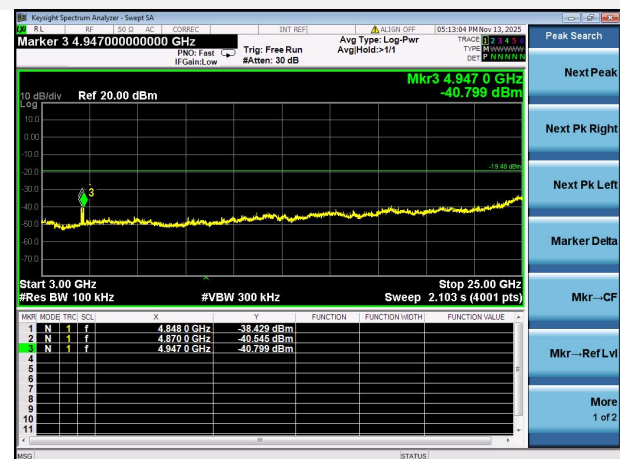
GFSK HOPPING, CARRIER LEVEL



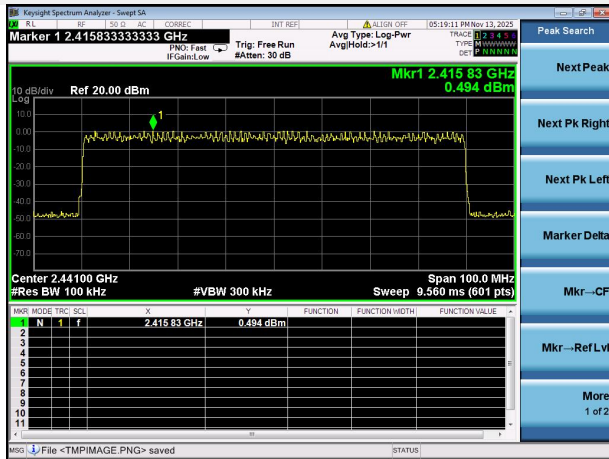
GFSK HOPPING BAND EDGE (LOW)



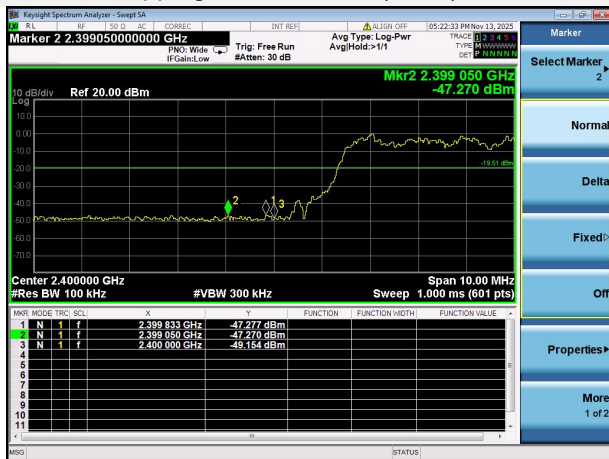
GFSK HOPPING BAND EDGE (HIGH)

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

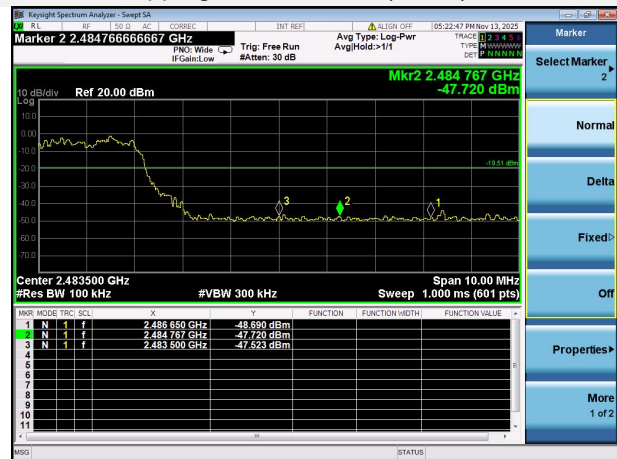
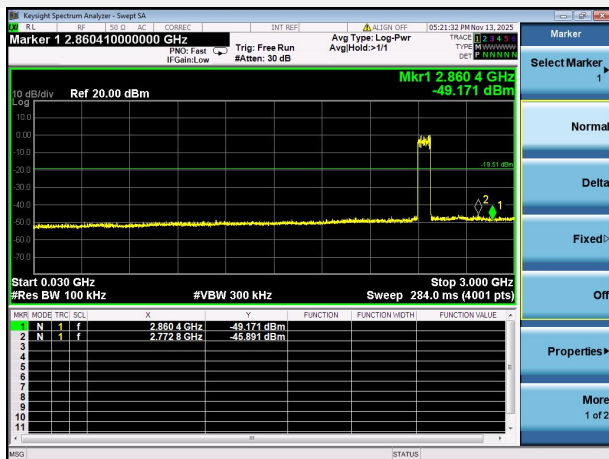
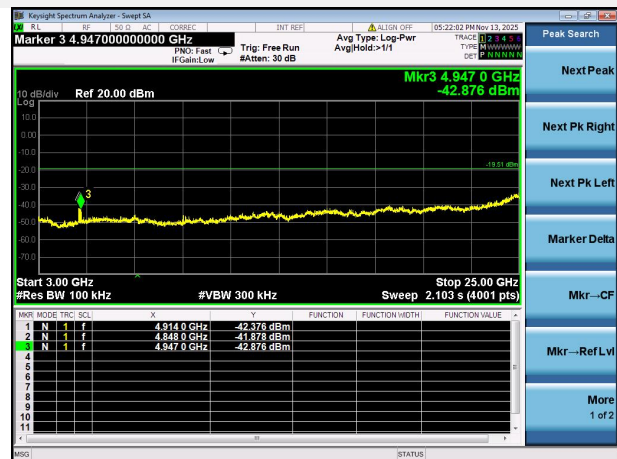
8-DPSK HOPPING, CARRIER LEVEL



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

A.7 Conducted Emissions

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

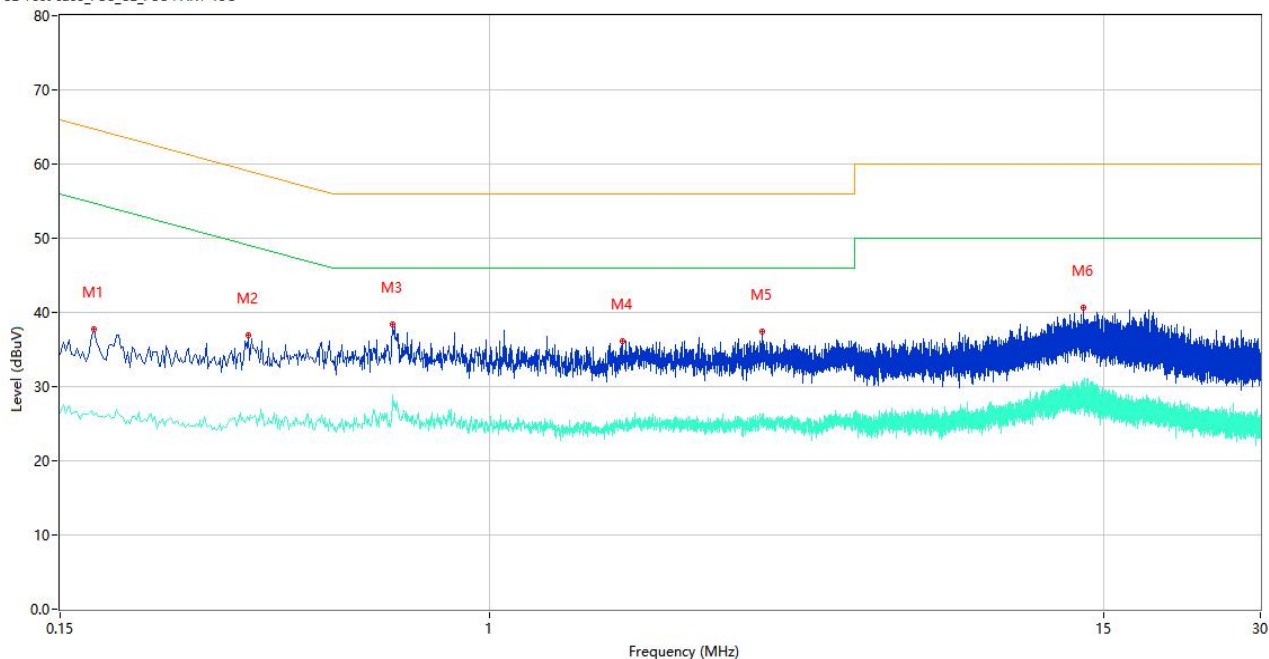
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

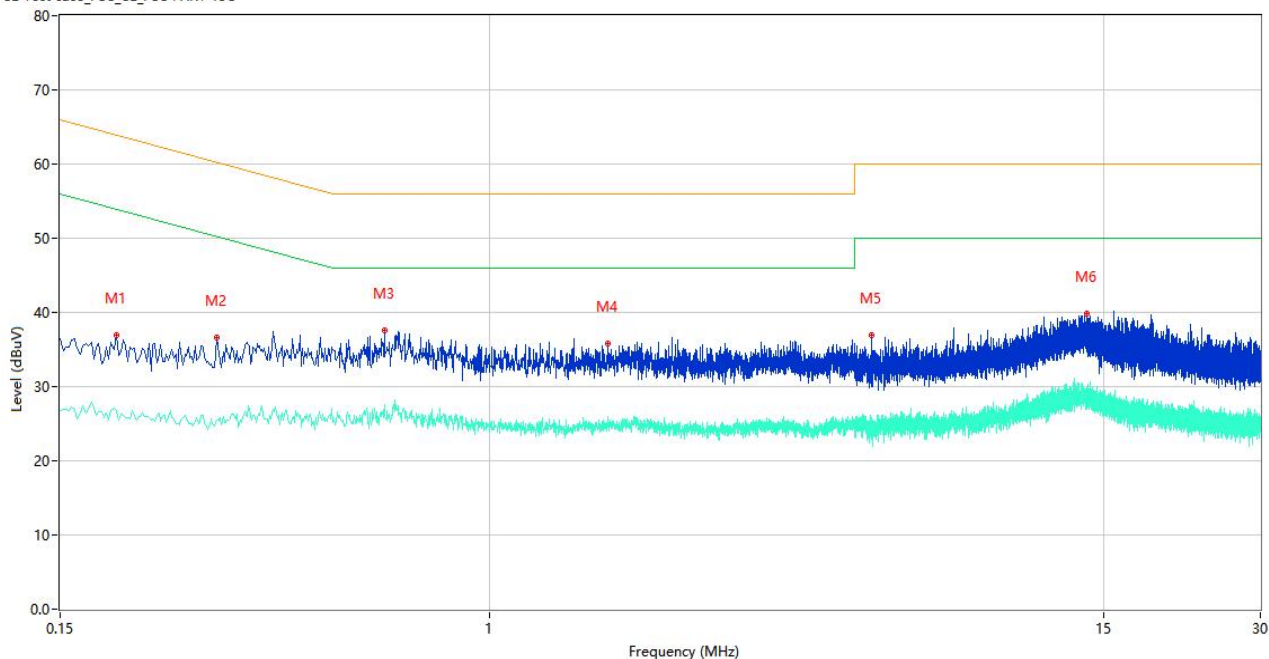
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.174	37.81	9.85	64.77	26.96	Peak	L	Pass
1**	0.174	26.11	9.85	54.77	28.66	AV	L	Pass
2	0.344	36.88	10.70	59.11	22.23	Peak	L	Pass
2**	0.344	25.73	10.70	49.11	23.38	AV	L	Pass
3	0.652	38.42	10.29	56.00	17.58	Peak	L	Pass
3**	0.652	28.82	10.29	46.00	17.18	AV	L	Pass
4	1.792	36.15	10.24	56.00	19.85	Peak	L	Pass
4**	1.792	25.32	10.24	46.00	20.68	AV	L	Pass
5	3.326	37.35	10.45	56.00	18.65	Peak	L	Pass
5**	3.326	26.30	10.45	46.00	19.70	AV	L	Pass
6	13.762	40.58	10.70	60.00	19.42	Peak	L	Pass
6**	13.762	29.40	10.70	50.00	20.60	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	0.192	36.90	9.84	63.95	27.05	Peak	N	Pass
1**	0.192	26.78	9.84	53.95	27.17	AV	N	Pass
2	0.300	36.57	9.82	60.24	23.67	Peak	N	Pass
2**	0.300	25.52	9.82	50.24	24.72	AV	N	Pass
3	0.628	37.55	10.25	56.00	18.45	Peak	N	Pass
3**	0.628	27.65	10.25	46.00	18.35	AV	N	Pass
4	1.686	35.74	10.19	56.00	20.26	Peak	N	Pass
4**	1.686	25.97	10.19	46.00	20.03	AV	N	Pass
5	5.392	36.86	10.11	60.00	23.14	Peak	N	Pass
5**	5.392	24.54	10.11	50.00	25.46	AV	N	Pass
6	13.958	39.92	10.52	60.00	20.08	Peak	N	Pass
6**	13.958	28.53	10.52	50.00	21.47	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.

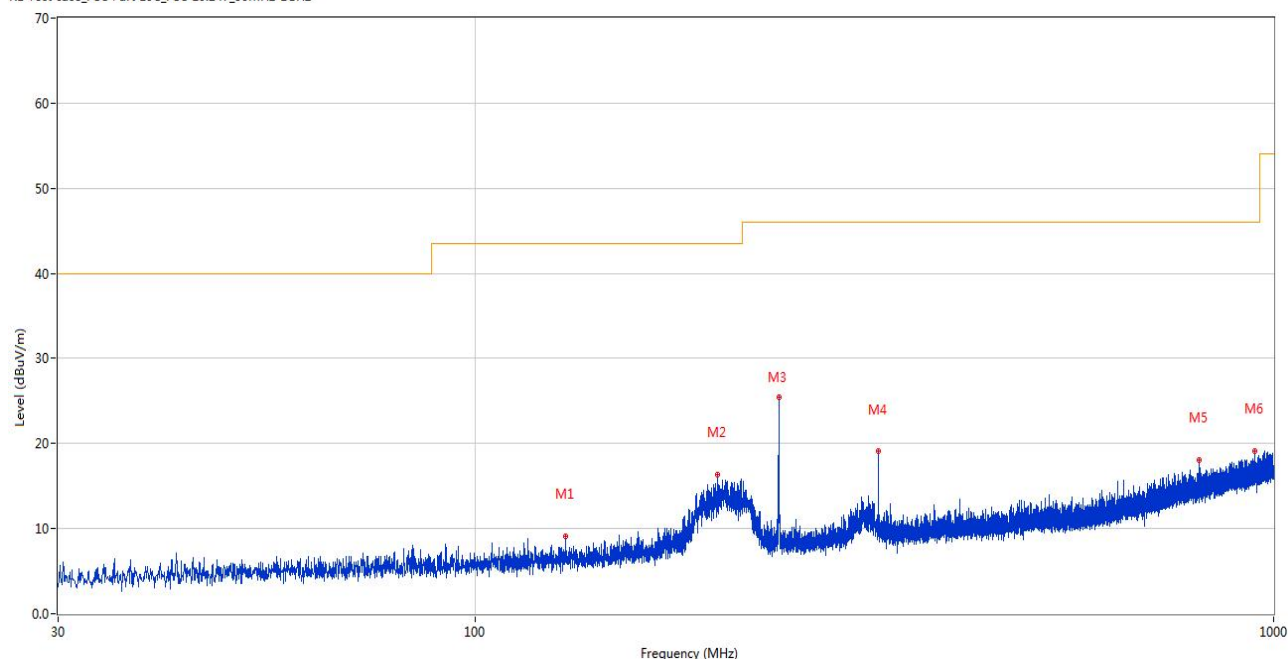
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

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

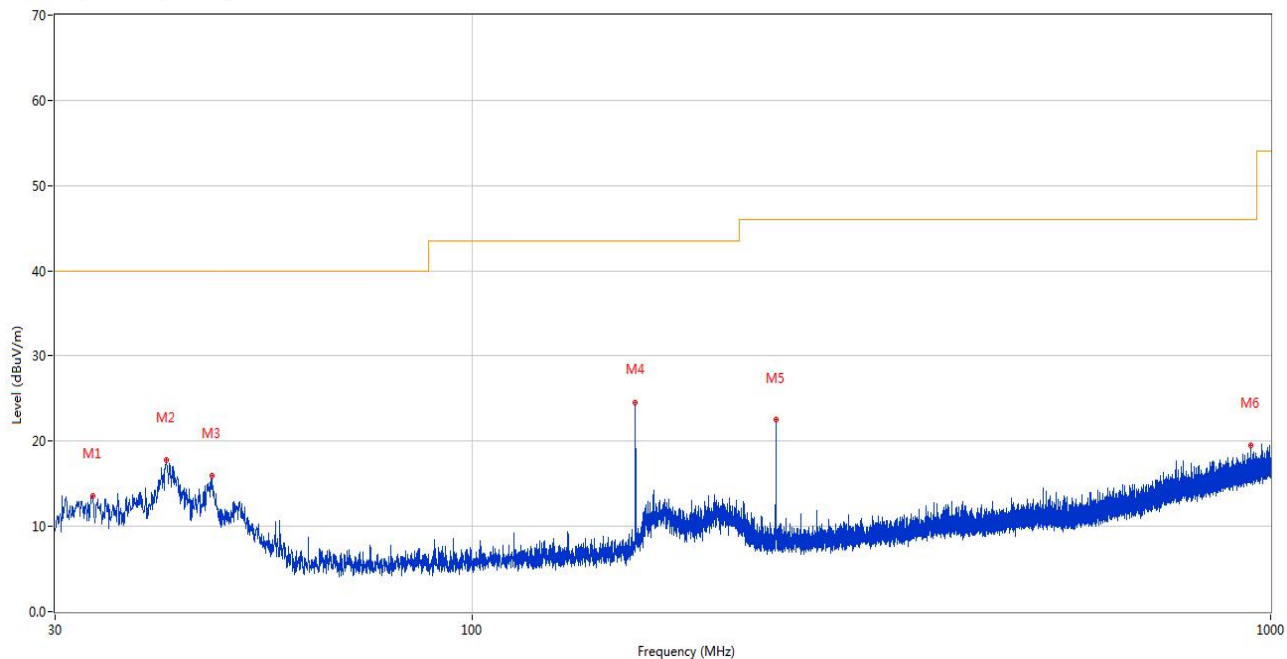
RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	129.764	9.06	-36.59	43.5	34.44	Peak	318.80	100	Horizontal	Pass
2	201.253	16.37	-35.63	43.5	27.13	Peak	283.40	100	Horizontal	Pass
3	239.908	25.43	-35.35	46.0	20.57	Peak	283.40	100	Horizontal	Pass
4	320.030	19.05	-34.54	46.0	26.95	Peak	188.00	100	Horizontal	Pass
5	805.612	18.12	-29.55	46.0	27.88	Peak	231.80	100	Horizontal	Pass
6	945.874	19.12	-27.61	46.0	26.88	Peak	31.50	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247_30MHz-1GHz



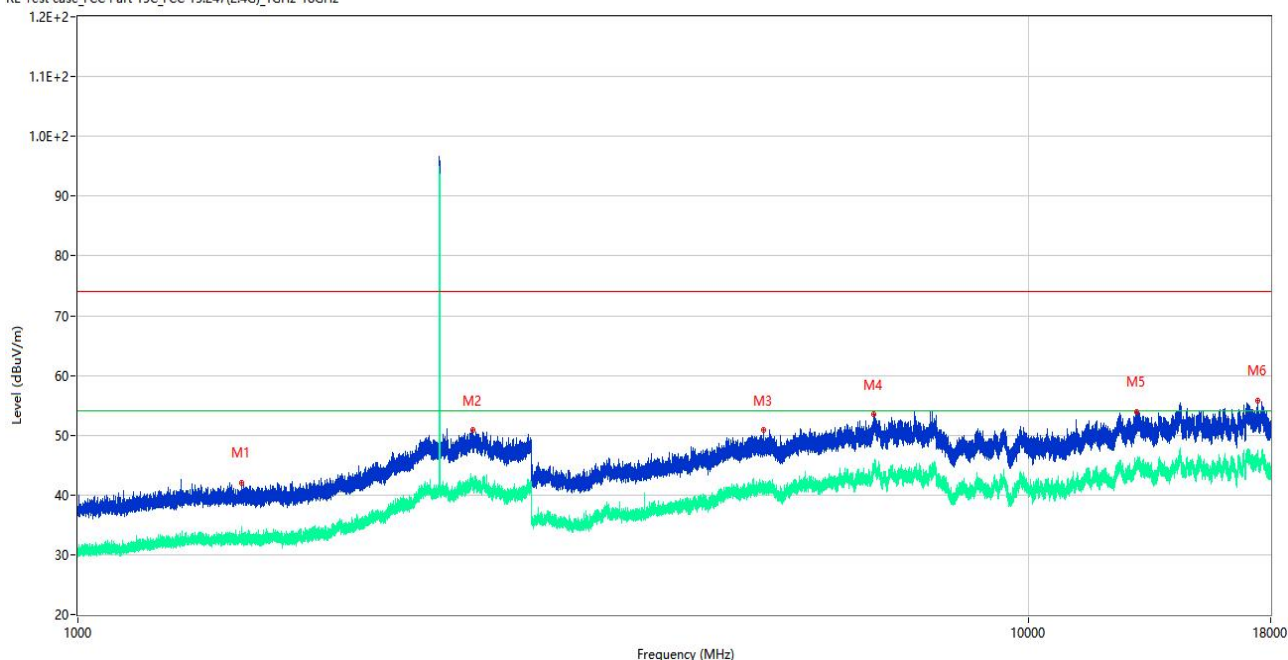
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.444	13.61	-38.66	40.0	26.39	Peak	289.20	100	Vertical	Pass
2	41.349	17.77	-38.36	40.0	22.23	Peak	289.20	100	Vertical	Pass
3	47.120	15.97	-38.10	40.0	24.03	Peak	0.00	100	Vertical	Pass
4	160.028	24.58	-36.19	43.5	18.92	Peak	16.60	100	Vertical	Pass
5	240.150	22.48	-35.35	46.0	23.52	Peak	349.70	100	Vertical	Pass
6	945.049	19.47	-27.62	46.0	26.53	Peak	55.30	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.

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.903	42.15	74.0	31.85	Peak	159.00	300	Horizontal	Pass
1**	1484.903	32.73	54.0	21.27	AV	159.00	300	Horizontal	Pass
2	2602.772	50.98	74.0	23.02	Peak	291.00	300	Horizontal	Pass
2**	2602.772	42.19	54.0	11.81	AV	291.00	300	Horizontal	Pass
3	5266.188	51.08	74.0	22.92	Peak	90.00	200	Horizontal	Pass
3**	5266.188	41.53	54.0	12.47	AV	90.00	200	Horizontal	Pass
4	6883.648	53.50	74.0	20.50	Peak	7.00	200	Horizontal	Pass
4**	6883.648	44.42	54.0	9.58	AV	7.00	200	Horizontal	Pass
5	13003.992	53.94	74.0	20.06	Peak	146.00	400	Horizontal	Pass
5**	13003.992	44.98	54.0	9.02	AV	146.00	400	Horizontal	Pass
6	17442.092	55.94	74.0	18.06	Peak	124.00	100	Horizontal	Pass
6**	17442.092	46.14	54.0	7.86	AV	124.00	100	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	1464.462	42.49	74.0	31.51	Peak	265.00	200	Vertical	Pass
1**	1464.462	32.06	54.0	21.94	AV	265.00	200	Vertical	Pass
2	2992.122	53.05	74.0	20.95	Peak	181.00	100	Vertical	Pass
2**	2992.122	41.85	54.0	12.15	AV	181.00	100	Vertical	Pass
3	6805.860	53.03	74.0	20.97	Peak	171.00	200	Vertical	Pass
3**	6805.860	42.70	54.0	11.30	AV	171.00	200	Vertical	Pass
4	7966.810	58.59	74.0	15.41	Peak	254.00	100	Vertical	Pass
4**	7966.810	43.25	54.0	10.75	AV	254.00	100	Vertical	Pass
5	12494.757	46.21	74.0	27.79	Peak	165.00	100	Vertical	Pass
5**	12494.757	42.37	54.0	11.63	AV	165.00	100	Vertical	Pass
6	17101.507	53.88	74.0	20.12	Peak	219.00	100	Vertical	Pass
6**	17101.507	42.35	54.0	11.65	AV	219.00	100	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	1489.498	42.09	74.0	31.91	Peak	281.00	100	Horizontal	Pass
1**	1489.498	32.44	54.0	21.56	AV	281.00	100	Horizontal	Pass
2	2603.314	50.25	74.0	23.75	Peak	155.00	200	Horizontal	Pass
2**	2603.314	41.41	54.0	12.59	AV	155.00	200	Horizontal	Pass
3	5269.518	50.90	74.0	23.10	Peak	112.00	200	Horizontal	Pass
3**	5269.518	40.60	54.0	13.40	AV	112.00	200	Horizontal	Pass
4	6884.550	53.37	74.0	20.63	Peak	166.00	100	Horizontal	Pass
4**	6884.550	43.94	54.0	10.06	AV	166.00	100	Horizontal	Pass
5	13005.818	53.51	74.0	20.49	Peak	348.00	200	Horizontal	Pass
5**	13005.818	44.54	54.0	9.46	AV	348.00	200	Horizontal	Pass
6	17436.818	55.16	74.0	18.84	Peak	278.00	300	Horizontal	Pass
6**	17436.818	45.34	54.0	8.66	AV	278.00	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	1466.867	41.80	74.0	32.20	Peak	196.00	200	Vertical	Pass
1**	1466.867	31.79	54.0	22.21	AV	196.00	200	Vertical	Pass
2	2987.058	52.84	74.0	21.16	Peak	156.00	200	Vertical	Pass
2**	2987.058	41.41	54.0	12.59	AV	156.00	200	Vertical	Pass
3	6806.543	52.54	74.0	21.46	Peak	202.00	200	Vertical	Pass
3**	6806.543	42.21	54.0	11.79	AV	202.00	200	Vertical	Pass
4	7966.636	58.49	74.0	15.51	Peak	7.00	100	Vertical	Pass
4**	7966.636	42.61	54.0	11.39	AV	7.00	100	Vertical	Pass
5	12492.165	45.65	74.0	28.35	Peak	46.00	300	Vertical	Pass
5**	12492.165	41.37	54.0	12.63	AV	46.00	300	Vertical	Pass
6	17097.168	53.69	74.0	20.31	Peak	196.00	100	Vertical	Pass
6**	17097.168	42.13	54.0	11.87	AV	196.00	100	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.537	41.75	74.0	32.25	Peak	309.00	300	Horizontal	Pass
1**	1482.537	32.15	54.0	21.85	AV	309.00	300	Horizontal	Pass
2	2597.370	50.31	74.0	23.69	Peak	37.00	100	Horizontal	Pass
2**	2597.370	41.31	54.0	12.69	AV	37.00	100	Horizontal	Pass
3	5272.855	50.33	74.0	23.67	Peak	235.00	200	Horizontal	Pass
3**	5272.855	40.57	54.0	13.43	AV	235.00	200	Horizontal	Pass
4	6886.977	53.43	74.0	20.57	Peak	73.00	300	Horizontal	Pass
4**	6886.977	43.51	54.0	10.49	AV	73.00	300	Horizontal	Pass
5	13007.557	53.71	74.0	20.29	Peak	83.00	300	Horizontal	Pass
5**	13007.557	44.56	54.0	9.44	AV	83.00	300	Horizontal	Pass
6	17440.988	55.20	74.0	18.80	Peak	268.00	200	Horizontal	Pass
6**	17440.988	45.98	54.0	8.02	AV	268.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.276	41.92	74.0	32.08	Peak	234.00	300	Vertical	Pass
1**	1461.276	31.79	54.0	22.21	AV	234.00	300	Vertical	Pass
2	2992.069	53.01	74.0	20.99	Peak	278.00	100	Vertical	Pass
2**	2992.069	41.43	54.0	12.57	AV	278.00	100	Vertical	Pass
3	6800.231	52.21	74.0	21.79	Peak	21.00	200	Vertical	Pass
3**	6800.231	42.00	54.0	12.00	AV	21.00	200	Vertical	Pass
4	7968.665	58.53	74.0	15.47	Peak	277.00	300	Vertical	Pass
4**	7968.665	42.45	54.0	11.55	AV	277.00	300	Vertical	Pass
5	12492.826	45.23	74.0	28.77	Peak	20.00	300	Vertical	Pass
5**	12492.826	41.75	54.0	12.25	AV	20.00	300	Vertical	Pass
6	17098.778	53.77	74.0	20.23	Peak	126.00	200	Vertical	Pass
6**	17098.778	41.47	54.0	12.53	AV	126.00	200	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	1285.091	41.15	74.0	32.85	Peak	18.00	200	Horizontal	Pass
1**	1285.091	32.09	54.0	21.91	AV	18.00	200	Horizontal	Pass
2	2767.299	50.01	74.0	23.99	Peak	213.00	400	Horizontal	Pass
2**	2767.299	41.51	54.0	12.49	AV	213.00	400	Horizontal	Pass
3	5171.044	50.98	74.0	23.02	Peak	173.00	200	Horizontal	Pass
3**	5171.044	41.30	54.0	12.70	AV	173.00	200	Horizontal	Pass
4	6806.780	53.23	74.0	20.77	Peak	65.00	400	Horizontal	Pass
4**	6806.780	43.77	54.0	10.23	AV	65.00	400	Horizontal	Pass
5	13464.371	53.41	74.0	20.59	Peak	45.00	100	Horizontal	Pass
5**	13464.371	44.16	54.0	9.84	AV	45.00	100	Horizontal	Pass
6	17467.077	55.60	74.0	18.40	Peak	146.00	300	Horizontal	Pass
6**	17467.077	45.65	54.0	8.35	AV	146.00	300	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	1283.042	42.18	74.0	31.82	Peak	244.00	100	Vertical	Pass
1**	1283.042	31.19	54.0	22.81	AV	244.00	100	Vertical	Pass
2	2771.953	52.87	74.0	21.13	Peak	15.00	100	Vertical	Pass
2**	2771.953	40.86	54.0	13.14	AV	15.00	100	Vertical	Pass
3	5165.628	53.02	74.0	20.98	Peak	289.00	200	Vertical	Pass
3**	5165.628	42.27	54.0	11.73	AV	289.00	200	Vertical	Pass
4	6808.532	58.57	74.0	15.43	Peak	345.00	100	Vertical	Pass
4**	6808.532	42.34	54.0	11.66	AV	345.00	100	Vertical	Pass
5	13469.779	46.17	74.0	27.83	Peak	6.00	300	Vertical	Pass
5**	13469.779	42.11	54.0	11.89	AV	6.00	300	Vertical	Pass
6	17464.920	53.07	74.0	20.93	Peak	276.00	400	Vertical	Pass
6**	17464.920	42.29	54.0	11.71	AV	276.00	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	1289.144	41.63	74.0	32.37	Peak	118.00	300	Horizontal	Pass
1**	1289.144	32.09	54.0	21.91	AV	118.00	300	Horizontal	Pass
2	2772.362	49.40	74.0	24.60	Peak	71.00	400	Horizontal	Pass
2**	2772.362	40.70	54.0	13.30	AV	71.00	400	Horizontal	Pass
3	5170.627	50.24	74.0	23.76	Peak	228.00	200	Horizontal	Pass
3**	5170.627	39.91	54.0	14.09	AV	228.00	200	Horizontal	Pass
4	6806.749	52.40	74.0	21.60	Peak	289.00	100	Horizontal	Pass
4**	6806.749	43.80	54.0	10.20	AV	289.00	100	Horizontal	Pass
5	13470.108	53.49	74.0	20.51	Peak	334.00	300	Horizontal	Pass
5**	13470.108	44.03	54.0	9.97	AV	334.00	300	Horizontal	Pass
6	17470.047	54.75	74.0	19.25	Peak	224.00	200	Horizontal	Pass
6**	17470.047	45.24	54.0	8.76	AV	224.00	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	1279.815	41.30	74.0	32.70	Peak	127.00	300	Vertical	Pass
1**	1279.815	31.40	54.0	22.60	AV	127.00	300	Vertical	Pass
2	2767.925	51.99	74.0	22.01	Peak	205.00	100	Vertical	Pass
2**	2767.925	40.49	54.0	13.51	AV	205.00	100	Vertical	Pass
3	5167.098	51.95	74.0	22.05	Peak	173.00	200	Vertical	Pass
3**	5167.098	41.99	54.0	12.01	AV	173.00	200	Vertical	Pass
4	6805.748	57.90	74.0	16.10	Peak	345.00	300	Vertical	Pass
4**	6805.748	41.62	54.0	12.38	AV	345.00	300	Vertical	Pass
5	13468.013	45.11	74.0	28.89	Peak	174.00	100	Vertical	Pass
5**	13468.013	41.08	54.0	12.92	AV	174.00	100	Vertical	Pass
6	17460.439	53.34	74.0	20.66	Peak	245.00	400	Vertical	Pass
6**	17460.439	42.07	54.0	11.93	AV	245.00	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	1283.552	41.09	74.0	32.91	Peak	253.00	300	Horizontal	Pass
1**	1283.552	31.30	54.0	22.70	AV	253.00	300	Horizontal	Pass
2	2768.076	49.63	74.0	24.37	Peak	188.00	400	Horizontal	Pass
2**	2768.076	40.65	54.0	13.35	AV	188.00	400	Horizontal	Pass
3	5165.230	50.06	74.0	23.94	Peak	358.00	200	Horizontal	Pass
3**	5165.230	40.02	54.0	13.98	AV	358.00	200	Horizontal	Pass
4	6803.370	52.96	74.0	21.04	Peak	117.00	100	Horizontal	Pass
4**	6803.370	42.64	54.0	11.36	AV	117.00	100	Horizontal	Pass
5	13466.104	52.74	74.0	21.26	Peak	236.00	200	Horizontal	Pass
5**	13466.104	44.45	54.0	9.55	AV	236.00	200	Horizontal	Pass
6	17468.977	54.56	74.0	19.44	Peak	107.00	200	Horizontal	Pass
6**	17468.977	45.34	54.0	8.66	AV	107.00	200	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	1285.030	41.77	74.0	32.23	Peak	289.00	100	Vertical	Pass
1**	1285.030	31.21	54.0	22.79	AV	289.00	100	Vertical	Pass
2	2772.524	52.35	74.0	21.65	Peak	17.00	100	Vertical	Pass
2**	2772.524	41.39	54.0	12.61	AV	17.00	100	Vertical	Pass
3	5164.660	51.42	74.0	22.58	Peak	289.00	200	Vertical	Pass
3**	5164.660	41.80	54.0	12.20	AV	289.00	200	Vertical	Pass
4	6806.812	57.83	74.0	16.17	Peak	263.00	400	Vertical	Pass
4**	6806.812	42.15	54.0	11.85	AV	263.00	400	Vertical	Pass
5	13471.549	44.62	74.0	29.38	Peak	89.00	400	Vertical	Pass
5**	13471.549	41.65	54.0	12.35	AV	89.00	400	Vertical	Pass
6	17461.836	53.21	74.0	20.79	Peak	74.00	100	Vertical	Pass
6**	17461.836	40.69	54.0	13.31	AV	74.00	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.

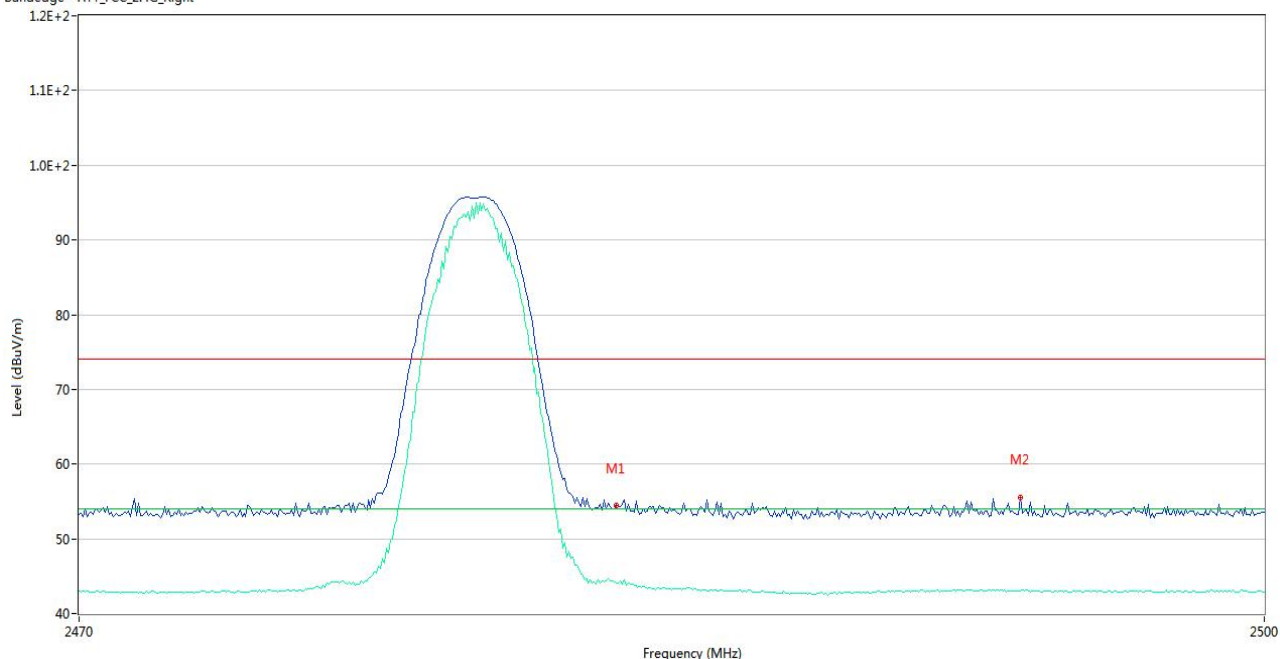
Test Data

GFSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2363.845	56.89	74.0	17.11	Peak	53.00	300	Horizontal	Pass
1**	2363.845	46.92	54.0	7.08	AV	53.00	300	Horizontal	Pass
2	2390.000	55.7	74.0	18.30	Peak	17.00	200	Horizontal	Pass
2**	2390.000	49.53	54.0	4.47	AV	17.00	200	Horizontal	Pass

GFSK HIGH CHANNEL

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	2483.550	54.44	74.0	19.56	Peak	269.00	200	Horizontal	Pass
1**	2483.550	44.11	54.0	9.89	AV	269.00	200	Horizontal	Pass
2	2493.800	55.59	74.0	18.41	Peak	318.00	200	Horizontal	Pass
2**	2493.800	42.97	54.0	11.03	AV	318.00	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	2361.251	57.77	74.0	16.23	Peak	206.00	100	Horizontal	Pass
1**	2361.251	46	54.0	8.00	AV	206.00	100	Horizontal	Pass
2	2390.000	54.85	74.0	19.15	Peak	86.00	100	Horizontal	Pass
2**	2390.000	46.03	54.0	7.97	AV	86.00	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	58.09	74.0	15.91	Peak	98.00	100	Horizontal	Pass
1**	2483.500	46.25	54.0	7.75	AV	98.00	100	Horizontal	Pass
2	2484.704	59.14	74.0	14.86	Peak	245.00	200	Horizontal	Pass
2**	2484.704	44.98	54.0	9.02	AV	245.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25B0235-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25B0235-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25B0235-AI.PDF”.

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--END OF REPORT--