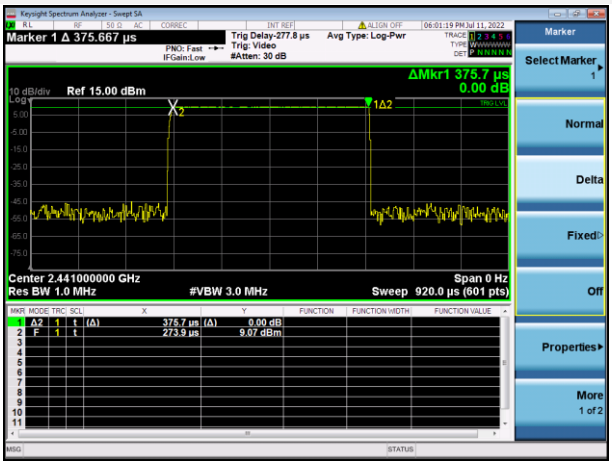
A.5 Average Time of Occupancy

Test Data

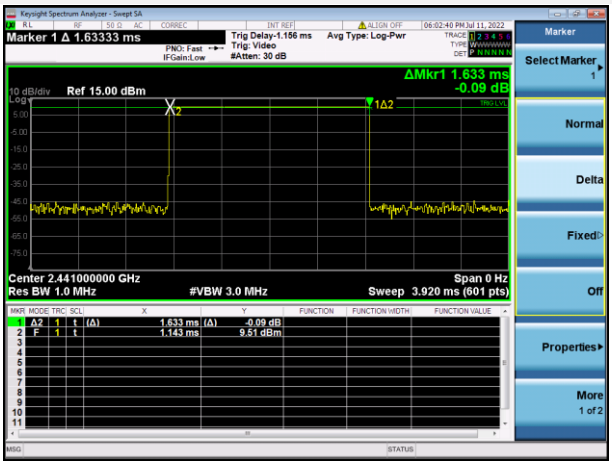
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.37570	120.224	0.4	Pass
DH 3	1.63300	261.280	0.4	Pass
DH 5	2.88200	307.413	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38720	123.904	0.4	Pass
DH 3	1.63300	261.280	0.4	Pass
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	0.37440	59.904	0.4	Pass
DH 3	1.63300	130.640	0.4	Pass
DH 5	2.88200	153.707	0.4	Pass

Test Plots

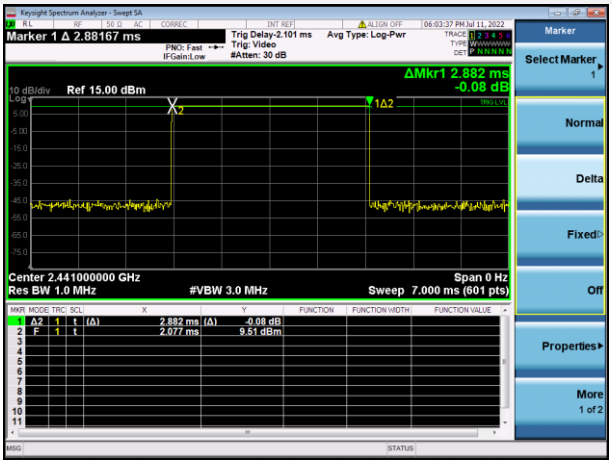
GFSK DH1



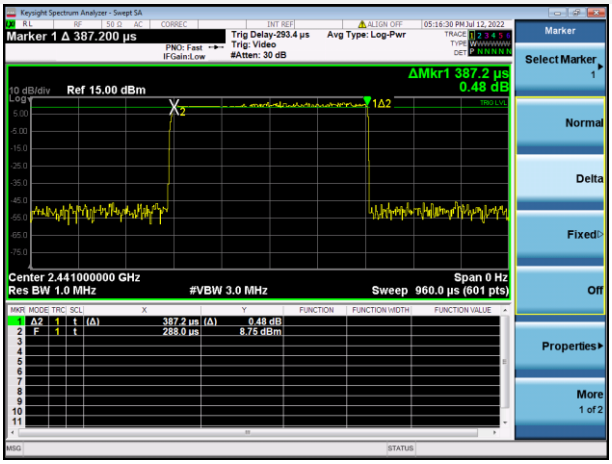
GFSK DH3



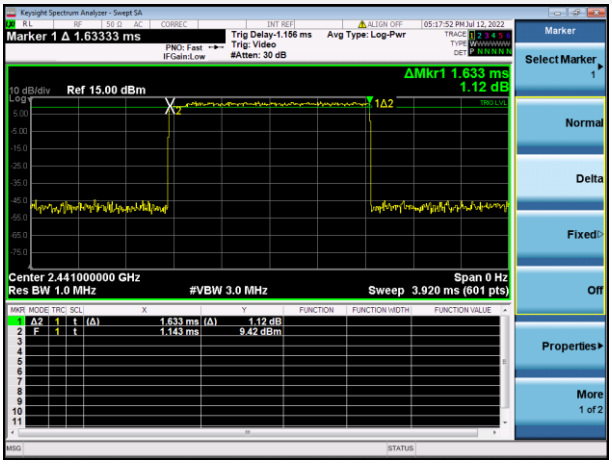
GFSK DH5



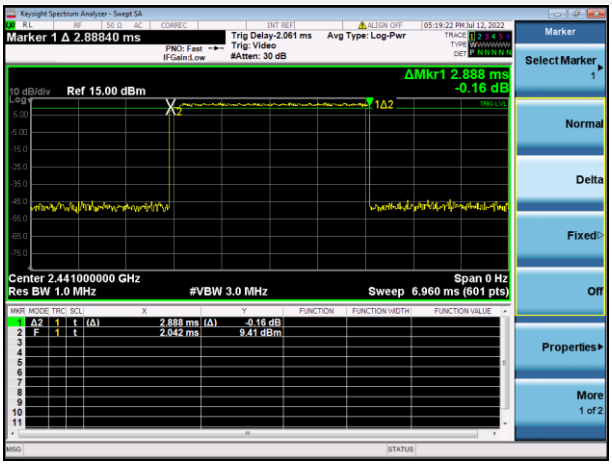
8-DPSK DH1



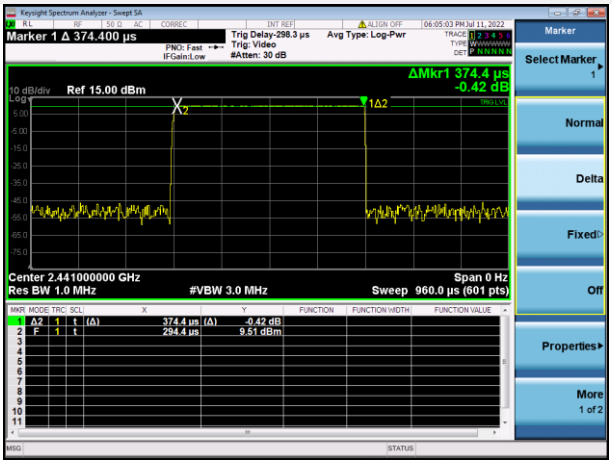
8-DPSK DH3



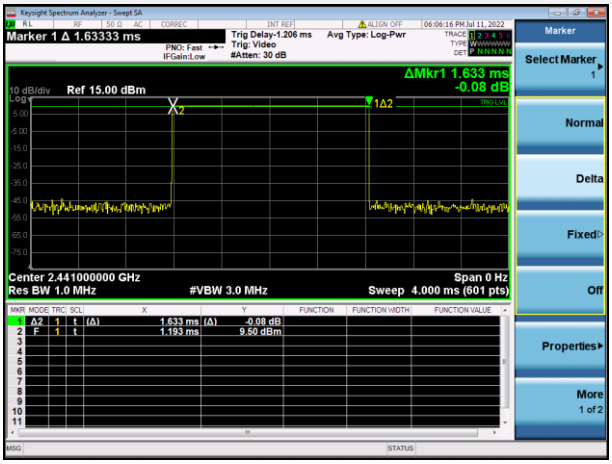
8-DPSK DH5



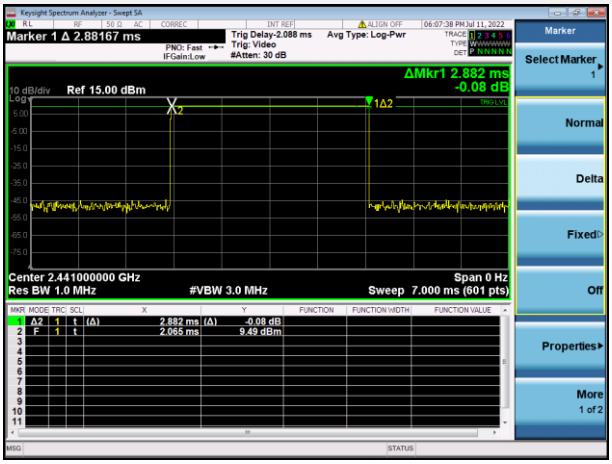
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



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

Test Data

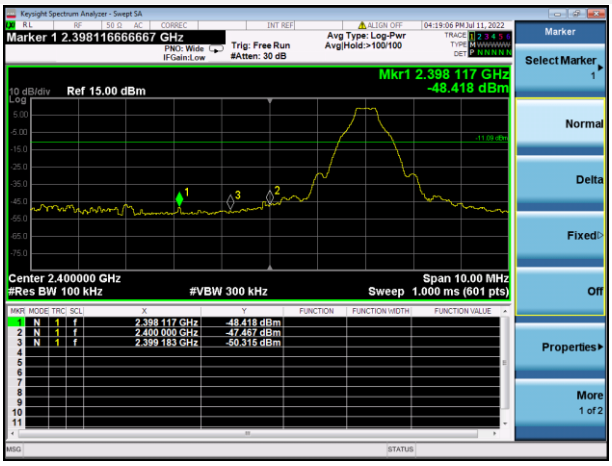
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-40.41	8.91	-11.09	Pass
Middle	-40.33	9.44	-10.56	Pass
High	-40.02	9.30	-10.70	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-41.52	8.99	-11.01	Pass
Middle	-39.95	9.44	-10.56	Pass
High	-40.71	9.29	-10.71	Pass

Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-38.79	9.09	-10.91	Pass
8-DPSK	-40.56	9.12	-10.88	Pass

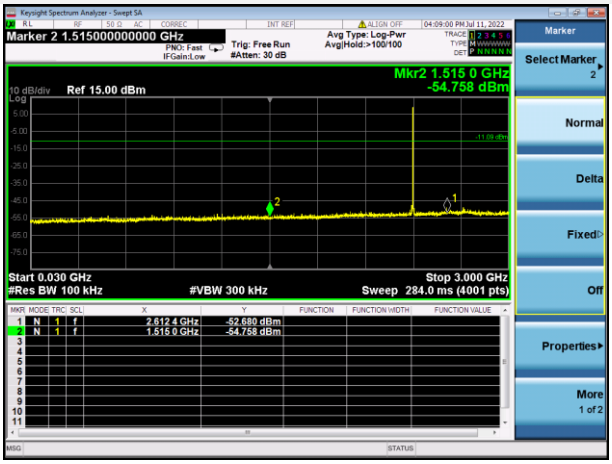
Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL

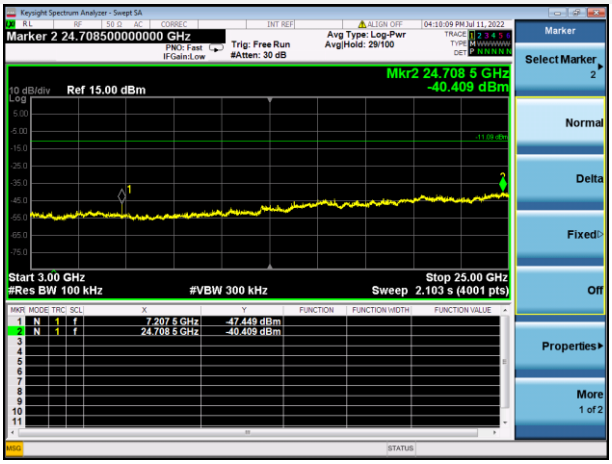
GFSK LOW CHANNEL, BAND EDGE



GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

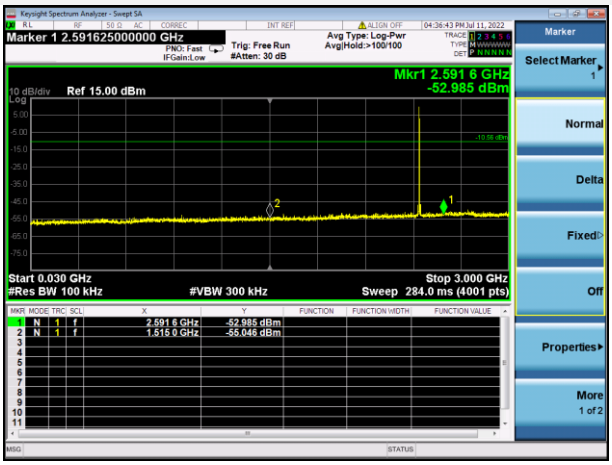


GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz

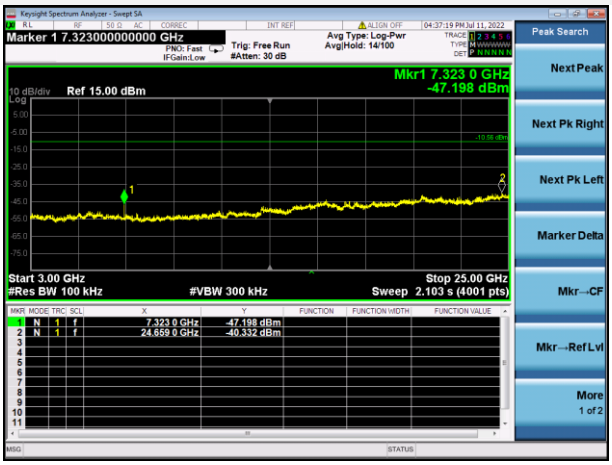


GFSK MIDDLE CHANNEL, CARRIER LEVEL

GFSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



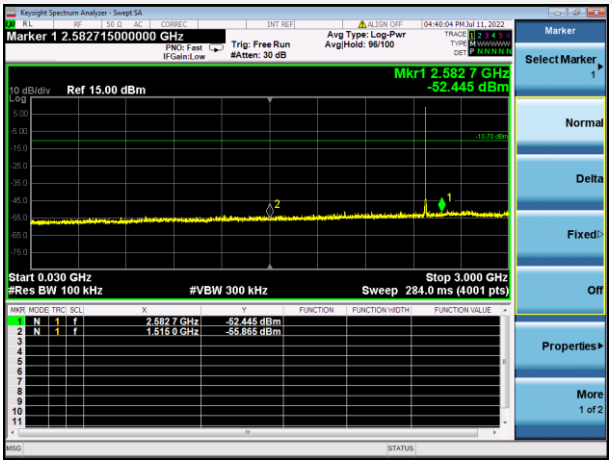
GFSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



GFSK HIGH CHANNEL, CARRIER LEVEL

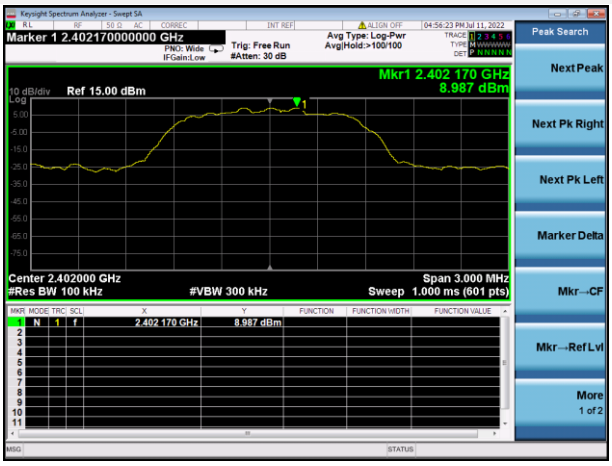
GFSK HIGH CHANNEL, BAND EDGE

GFSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz

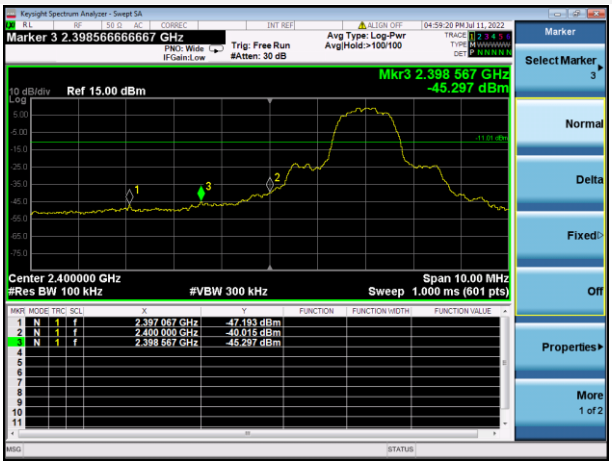


GFSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

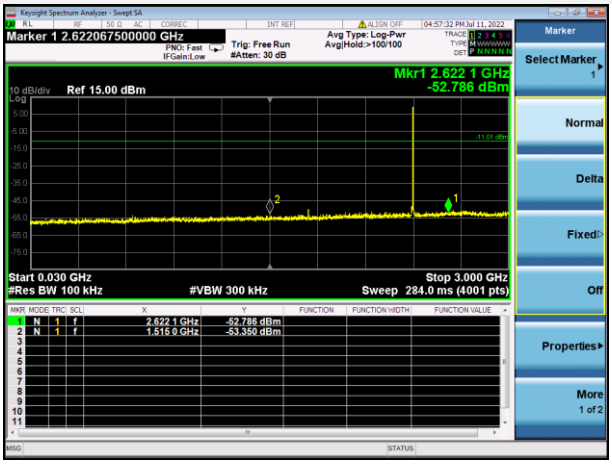
8-DPSK LOW CHANNEL, CARRIER LEVEL



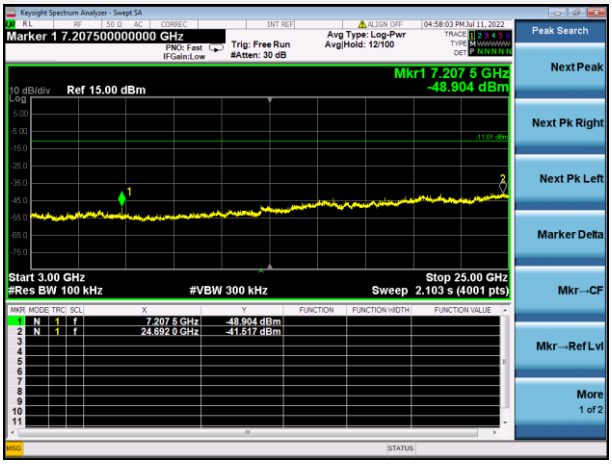
8-DPSK LOW CHANNEL, BAND EDGE



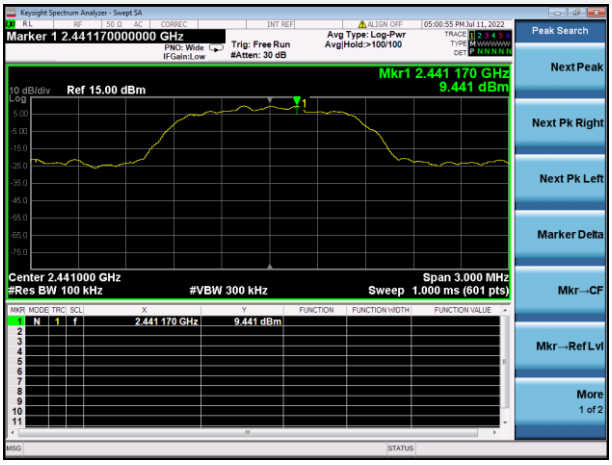
8-DPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



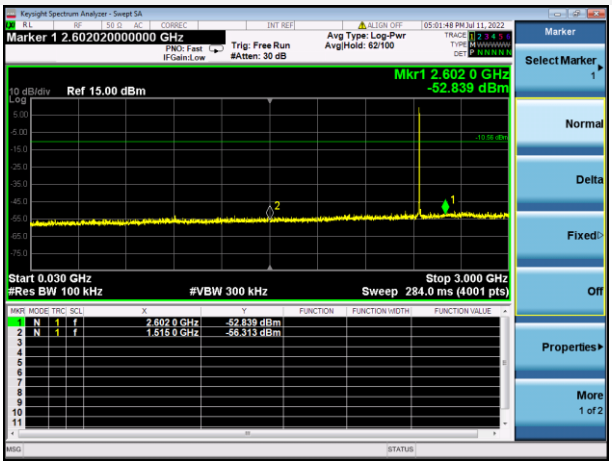
8-DPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



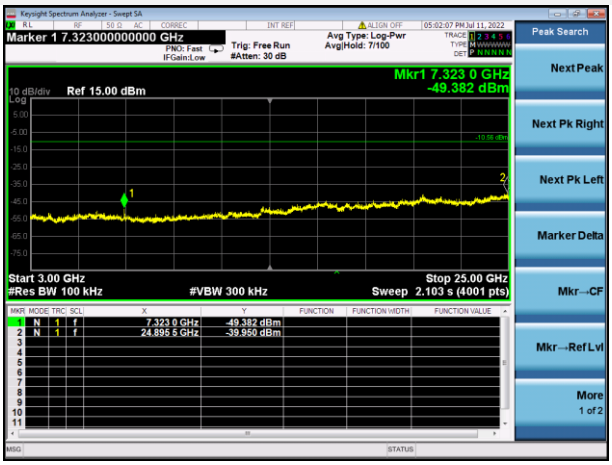
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



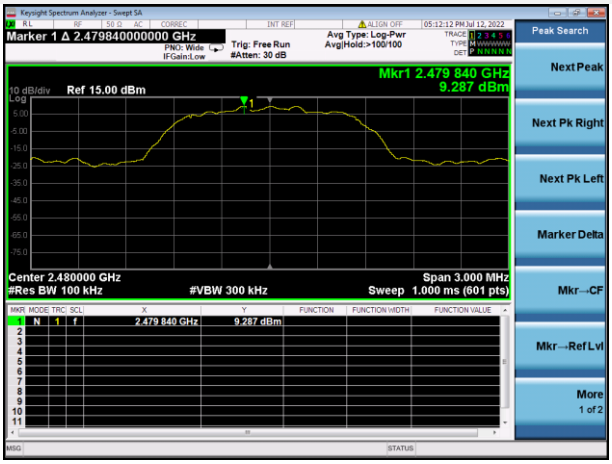
8-DPSK MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



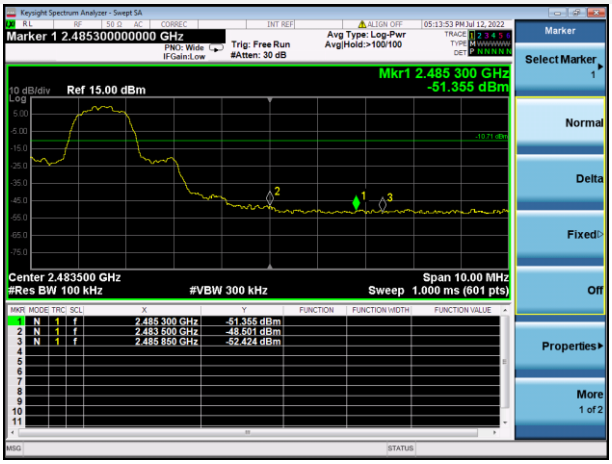
8-DPSK MIDDLE CHANNEL, SPURIOUS
3 GHz ~ 25 GHz



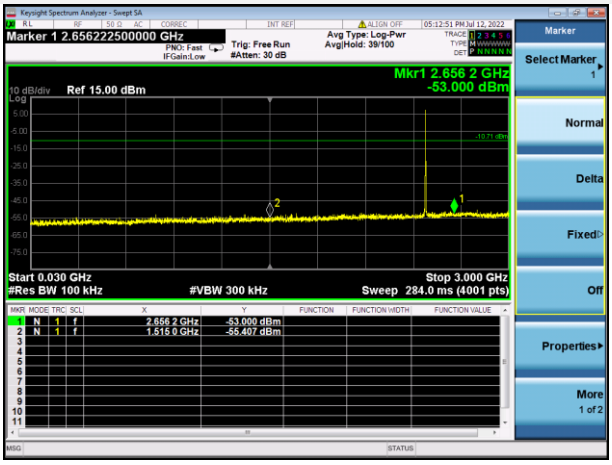
8-DPSK HIGH CHANNEL, CARRIER LEVEL



8-DPSK HIGH CHANNEL, BAND EDGE

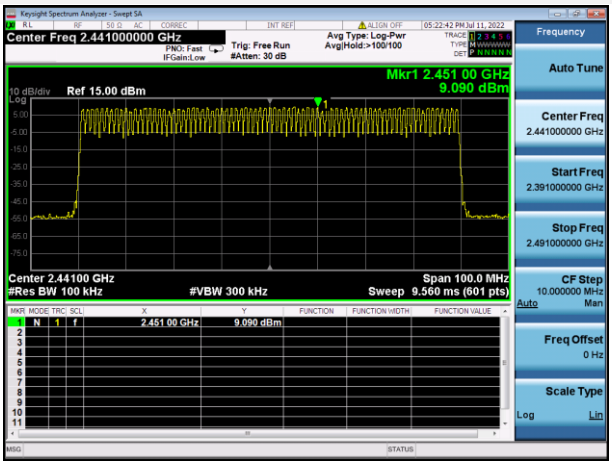


8-DPSK HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



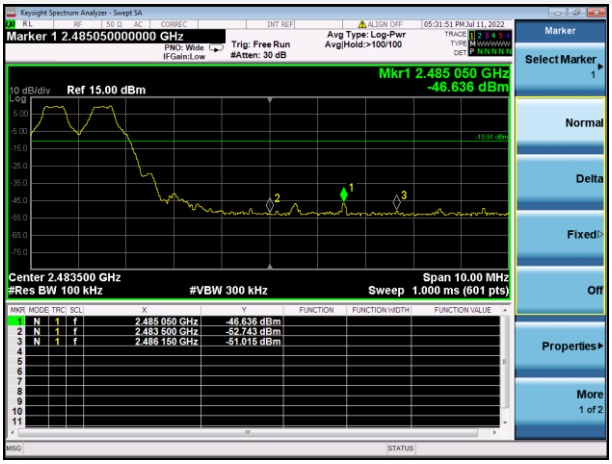
8-DPSK HIGH CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

GFSK HOPPING, CARRIER LEVEL

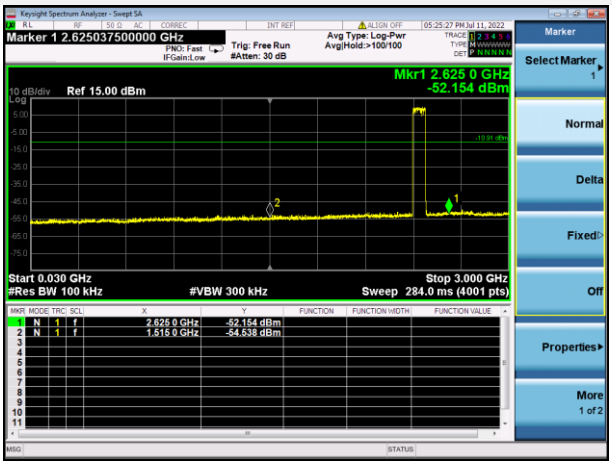


GFSK HOPPING BAND EDGE (LOW)

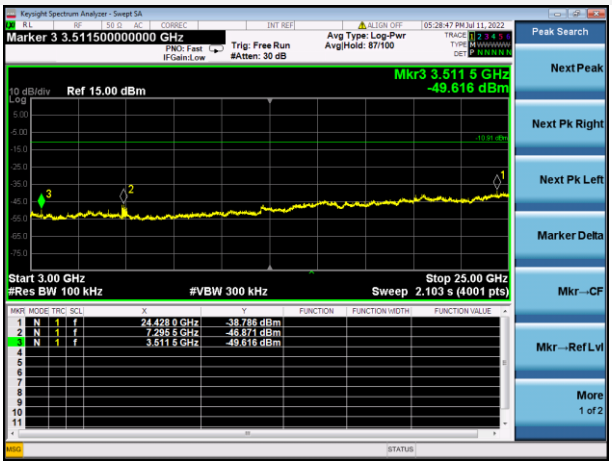
GFSK HOPPING BAND EDGE (HIGH)



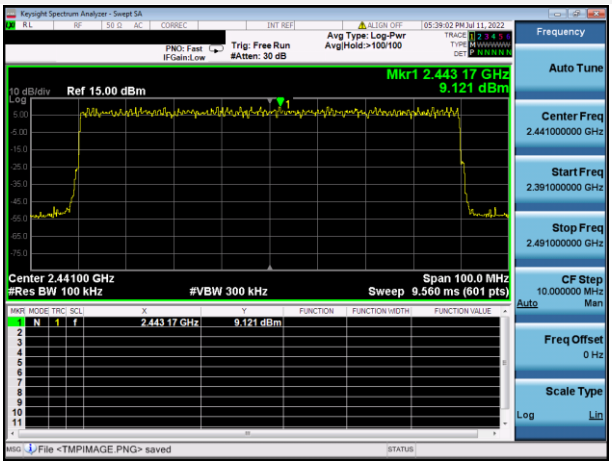
GFSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz



GFSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



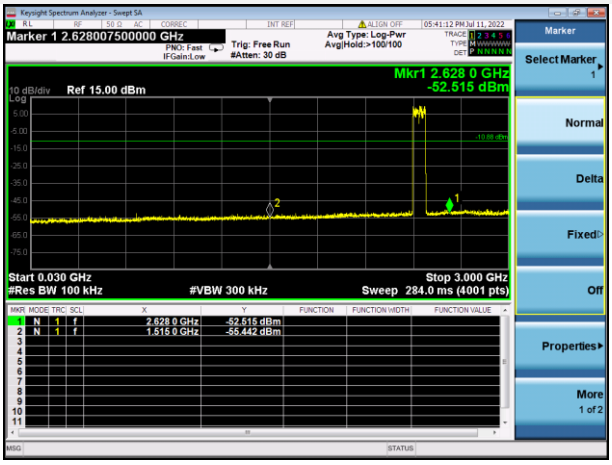
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)

8-DPSK Hopping BAND EDGE (HIGH)

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



8-DPSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz

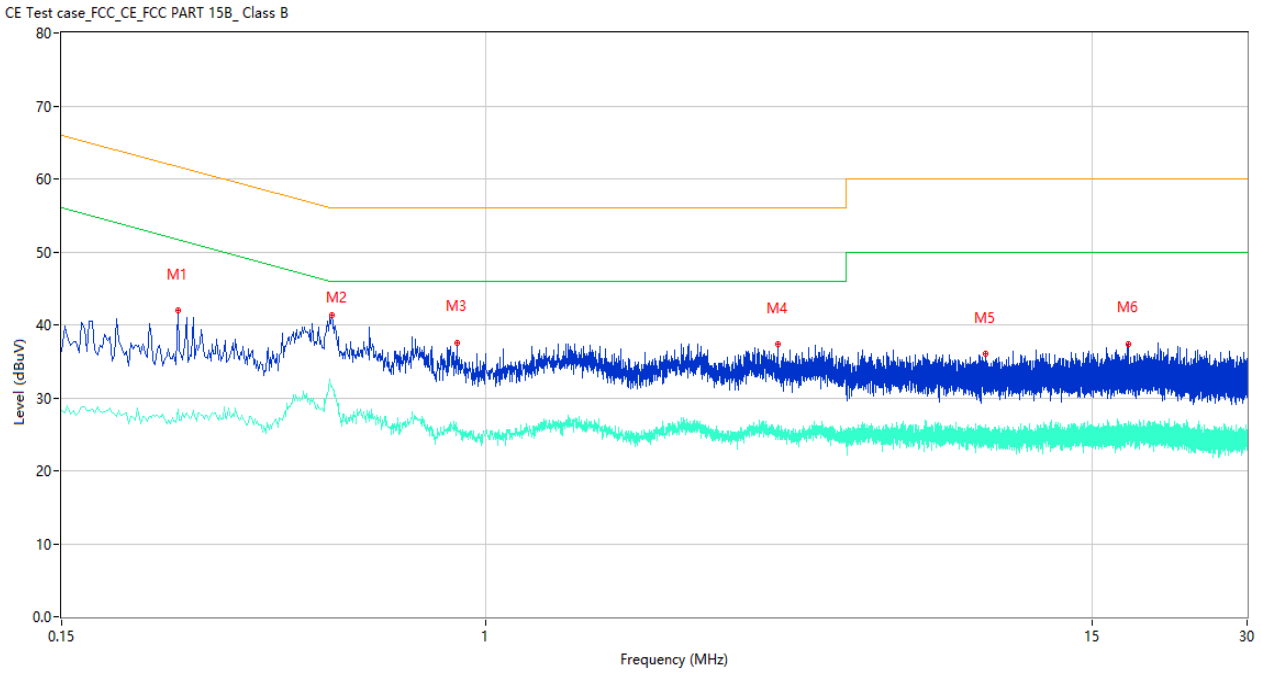
A.7 Conducted Emissions

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

Note [2]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

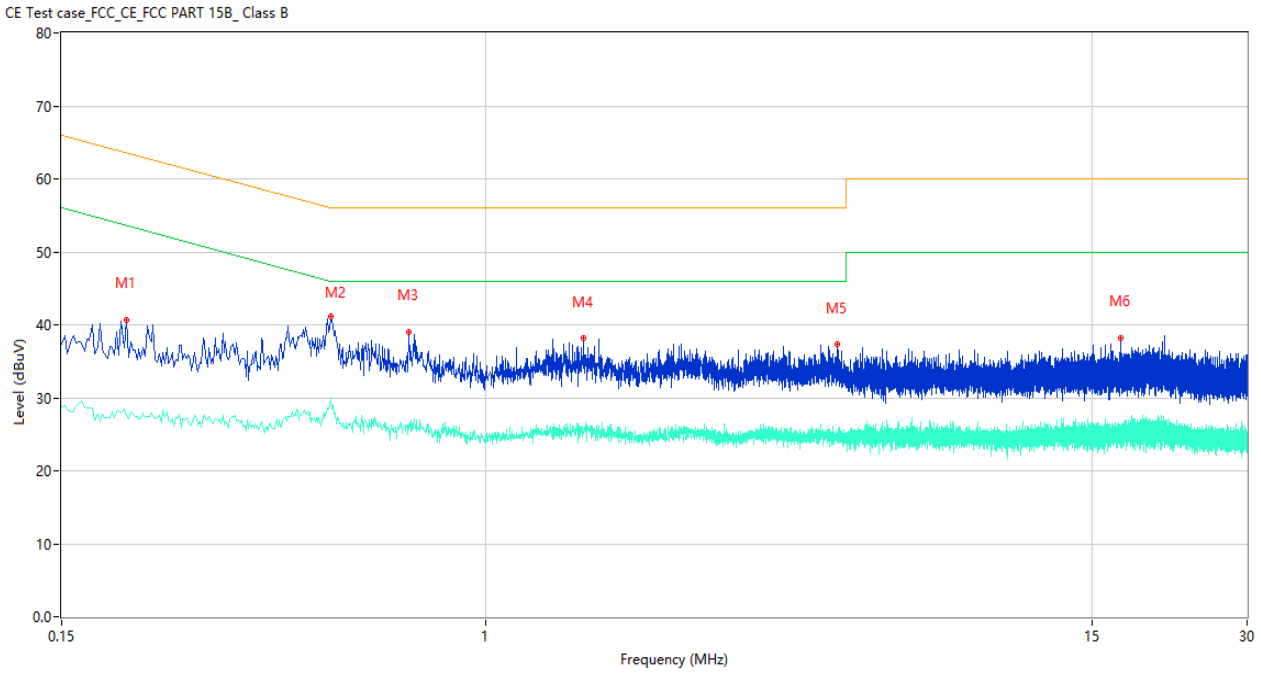
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.252	41.91	10.92	61.69	-19.78	Peak	L	Pass
1**	0.252	28.41	10.92	51.69	-23.28	AV	L	Pass
2	0.502	41.35	10.92	56.00	-14.65	Peak	L	Pass
2**	0.502	31.63	10.92	46.00	-14.37	AV	L	Pass
3	0.878	37.49	10.75	56.00	-18.51	Peak	L	Pass
3**	0.878	25.90	10.75	46.00	-20.10	AV	L	Pass
4	3.678	37.36	10.71	56.00	-18.64	Peak	L	Pass
4**	3.678	25.84	10.71	46.00	-20.16	AV	L	Pass
5	9.304	36.03	10.64	60.00	-23.97	Peak	L	Pass
5**	9.304	24.72	10.64	50.00	-25.28	AV	L	Pass
6	17.680	37.42	10.68	60.00	-22.58	Peak	L	Pass
6**	17.680	25.79	10.68	50.00	-24.21	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.200	40.72	10.96	63.61	-22.89	Peak	N	Pass
1**	0.200	27.60	10.96	53.61	-26.01	AV	N	Pass
2	0.500	41.12	10.92	56.00	-14.88	Peak	N	Pass
2**	0.500	30.02	10.92	46.00	-15.98	AV	N	Pass
3	0.708	39.08	10.83	56.00	-16.92	Peak	N	Pass
3**	0.708	26.29	10.83	46.00	-19.71	AV	N	Pass
4	1.548	38.16	10.73	56.00	-17.84	Peak	N	Pass
4**	1.548	25.04	10.73	46.00	-20.96	AV	N	Pass
5	4.796	37.37	10.69	56.00	-18.63	Peak	N	Pass
5**	4.796	24.12	10.69	46.00	-21.88	AV	N	Pass
6	17.054	38.16	10.67	60.00	-21.84	Peak	N	Pass
6**	17.054	26.20	10.67	50.00	-23.80	AV	N	Pass

A.8 Radiated Spurious Emission

Note [1]: The symbol of "--" in the table which means not application.

Note [2]: For the test data above 1 GHz, according the ANSI C63.10-2013, 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.

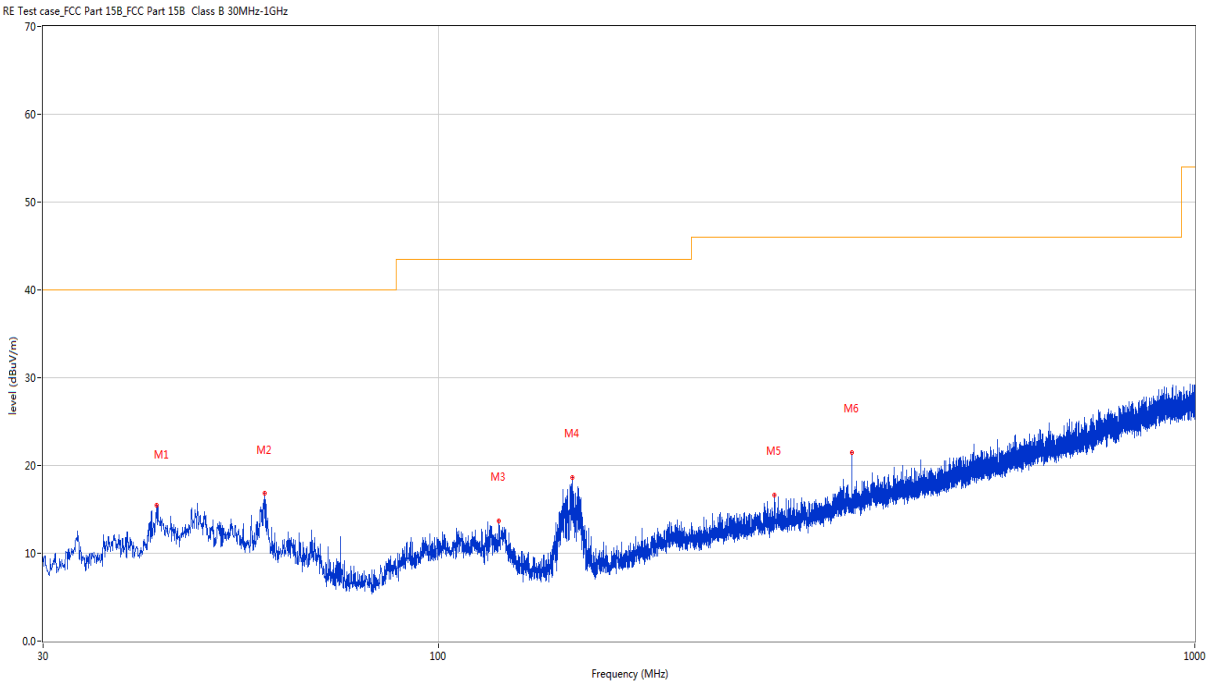
Note [3]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

Note [4]: 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.

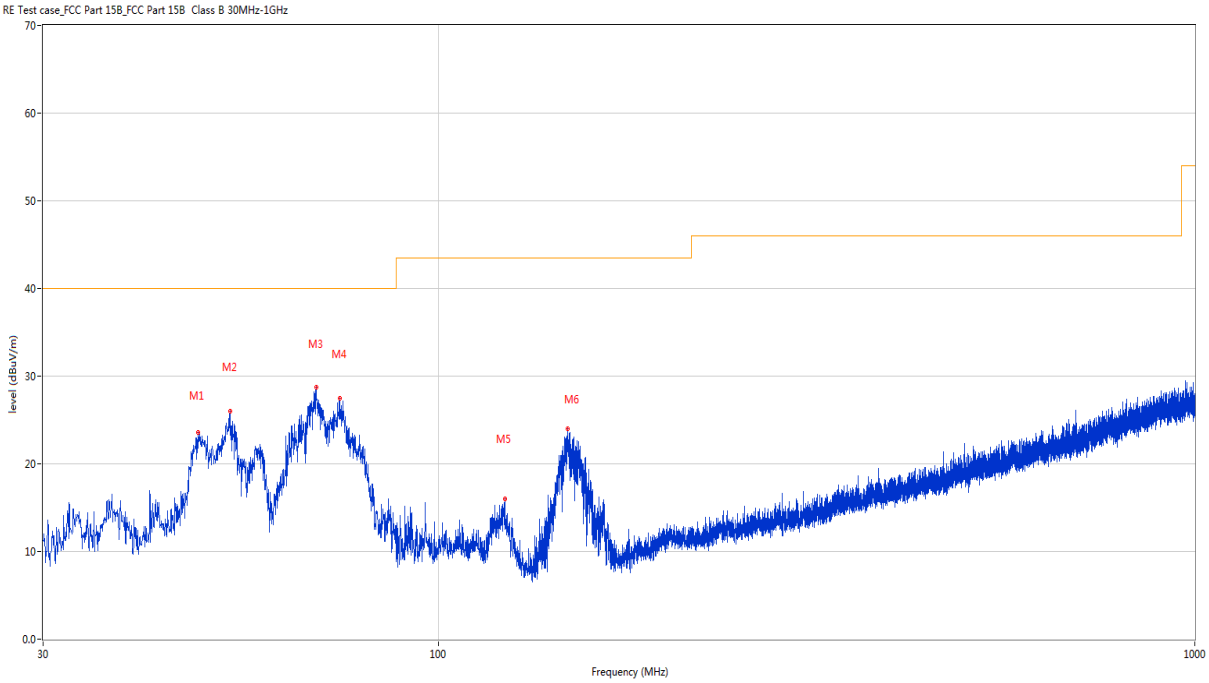
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.367	15.51	-23.43	40.0	-24.49	Peak	106.10	100	Horizontal	Pass
2	58.906	16.89	-24.03	40.0	-23.11	Peak	95.70	200	Horizontal	Pass
3	120.258	13.66	-25.81	43.5	-29.84	Peak	360.00	200	Horizontal	Pass
4	150.280	18.68	-28.18	43.5	-24.82	Peak	176.80	200	Horizontal	Pass
5	278.223	16.67	-21.90	47.0	-30.33	Peak	295.60	100	Horizontal	Pass
6	352.040	21.49	-20.24	46.0	-24.51	Peak	360.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

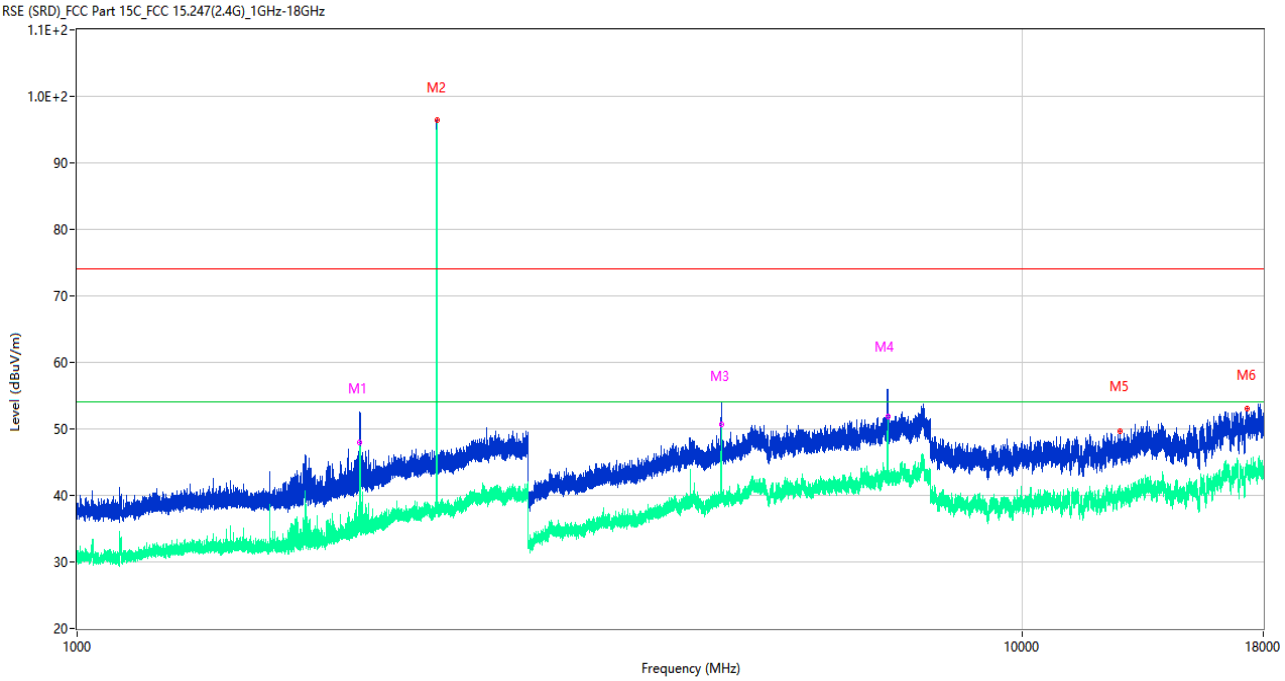


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.139	23.62	-22.61	40.0	-16.38	Peak	90.00	100	Vertical	Pass
2	53.086	26.04	-22.99	40.0	-13.96	Peak	311.70	100	Vertical	Pass
3	68.897	28.75	-26.43	40.0	-11.25	Peak	0.00	200	Vertical	Pass
4	74.038	27.48	-28.51	40.0	-12.52	Peak	297.30	100	Vertical	Pass
5	122.344	15.97	-26.14	43.5	-27.53	Peak	359.10	100	Vertical	Pass
6	148.146	24.02	-27.95	43.5	-19.48	Peak	356.40	100	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

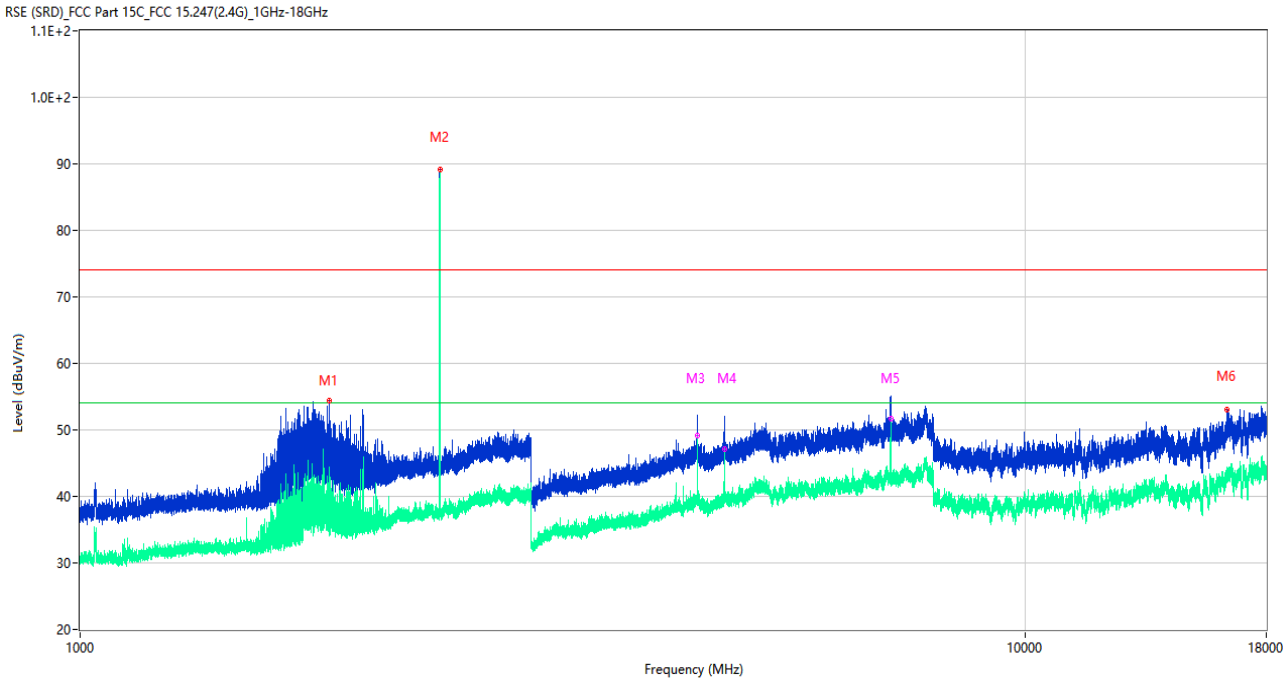
Note 2: The spurious from 18GHz-25GHz is noise only, do not show on the report.

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H



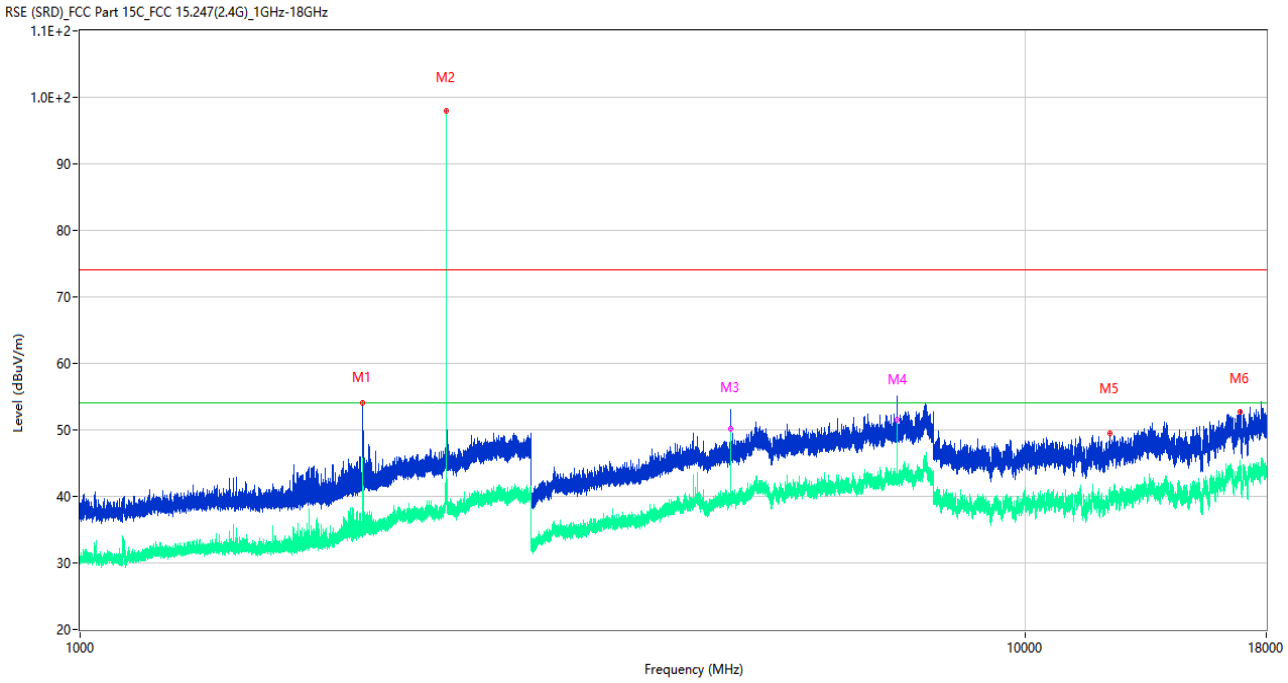
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	50.90	-15.63	74.0	-23.10	Peak	192.00	100	Horizontal	Pass
1**	1991.500	47.91	-15.63	54.0	-6.09	AV	192.00	100	Horizontal	Pass
2	2402.200	96.42	-13.33	74.0	22.42	Peak	150.00	150	Horizontal	N/A
2**	2402.200	96.07	-13.33	54.0	42.07	AV	150.00	150	Horizontal	N/A
3	4804.250	52.91	-4.10	74.0	-21.09	Peak	198.00	200	Horizontal	Pass
3**	4804.250	50.74	-4.10	54.0	-3.26	AV	198.00	200	Horizontal	Pass
4	7206.250	54.87	-1.07	74.0	-19.13	Peak	39.00	100	Horizontal	Pass
4***	7206.250	50.543	-1.07	54.0	-3.457	AV	39.00	100	Horizontal	Pass
5	12698.463	49.65	-2.34	74.0	-24.35	Peak	211.00	200	Horizontal	Pass
5**	12698.463	39.90	-2.34	54.0	-14.10	AV	211.00	200	Horizontal	Pass
6	17310.413	53.07	1.99	74.0	-20.93	Peak	96.00	400	Horizontal	Pass
6**	17310.413	43.54	1.99	54.0	-10.46	AV	96.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V



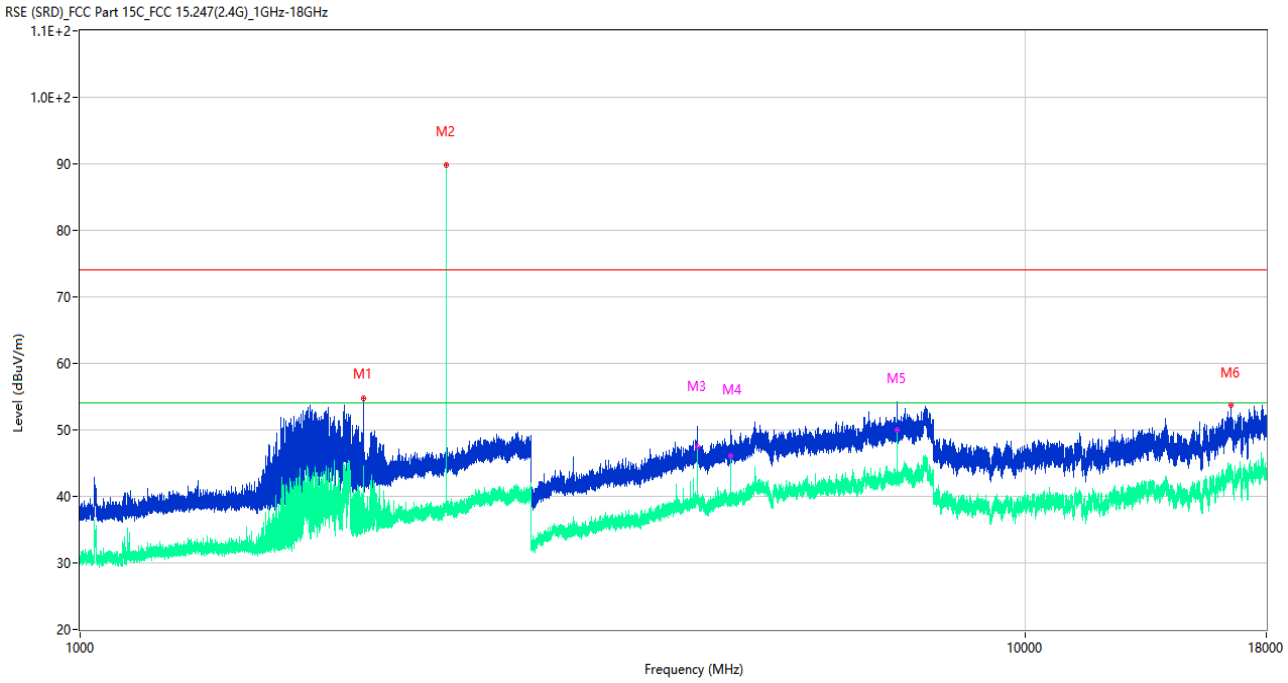
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1835.900	54.46	-17.16	74.0	-19.54	Peak	250.00	100	Vertical	Pass
1**	1835.900	35.50	-17.16	54.0	-18.50	AV	250.00	100	Vertical	Pass
2	2402.200	89.08	-13.33	74.0	15.08	Peak	154.00	150	Vertical	N/A
2**	2402.200	88.80	-13.33	54.0	34.80	AV	154.00	150	Vertical	N/A
3	4500.000	50.96	-4.42	74.0	-23.04	Peak	200.00	300	Vertical	Pass
3**	4500.000	49.13	-4.42	54.0	-4.87	AV	200.00	300	Vertical	Pass
4	4804.000	50.13	-4.13	74.0	-23.87	Peak	82.00	200	Vertical	Pass
4**	4804.000	47.20	-4.13	54.0	-6.80	AV	82.00	200	Vertical	Pass
5	7206.250	55.00	-1.07	74.0	-19.00	Peak	258.00	400	Vertical	Pass
5***	7206.250	50.891	-1.07	54.0	-3.109	AV	258.00	400	Vertical	Pass
6	16345.463	53.10	-0.25	74.0	-20.90	Peak	300.00	300	Vertical	Pass
6**	16345.463	42.62	-0.25	54.0	-11.38	AV	300.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



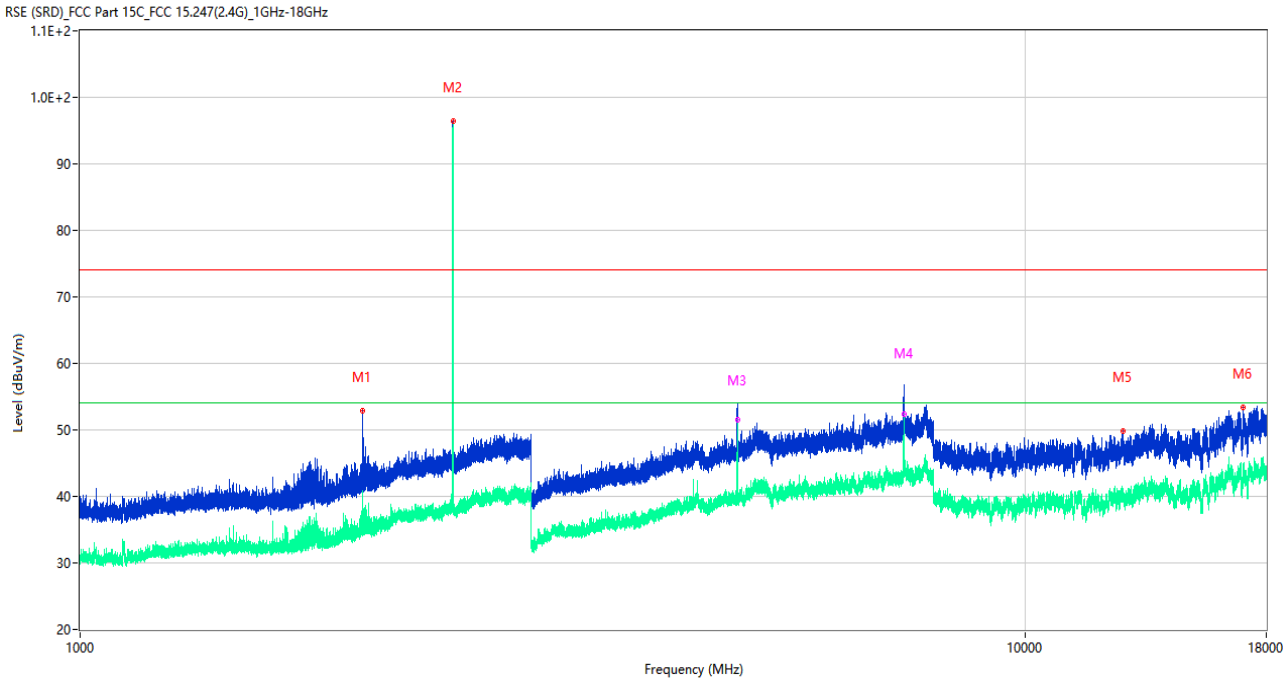
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.900	54.07	-15.62	74.0	-19.93	Peak	235.00	100	Horizontal	Pass
1**	1991.900	35.87	-15.62	54.0	-18.13	AV	235.00	100	Horizontal	Pass
2	2441.200	98.01	-12.29	74.0	24.01	Peak	152.00	150	Horizontal	N/A
2**	2441.200	97.54	-12.29	54.0	43.54	AV	152.00	150	Horizontal	N/A
3	4882.000	51.79	-3.61	74.0	-22.21	Peak	187.00	200	Horizontal	Pass
3**	4882.000	50.24	-3.61	54.0	-3.76	AV	187.00	200	Horizontal	Pass
4	7322.750	54.81	-0.63	74.0	-19.19	Peak	99.00	100	Horizontal	Pass
4***	7322.750	49.658	-0.63	54.0	-4.342	AV	99.00	100	Horizontal	Pass
5	12292.813	49.46	-2.50	74.0	-24.54	Peak	105.00	200	Horizontal	Pass
5**	12292.813	39.83	-2.50	54.0	-14.17	AV	105.00	200	Horizontal	Pass
6	16891.199	52.77	1.44	74.0	-21.23	Peak	194.00	400	Horizontal	Pass
6**	16891.199	43.96	1.44	54.0	-10.04	AV	194.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



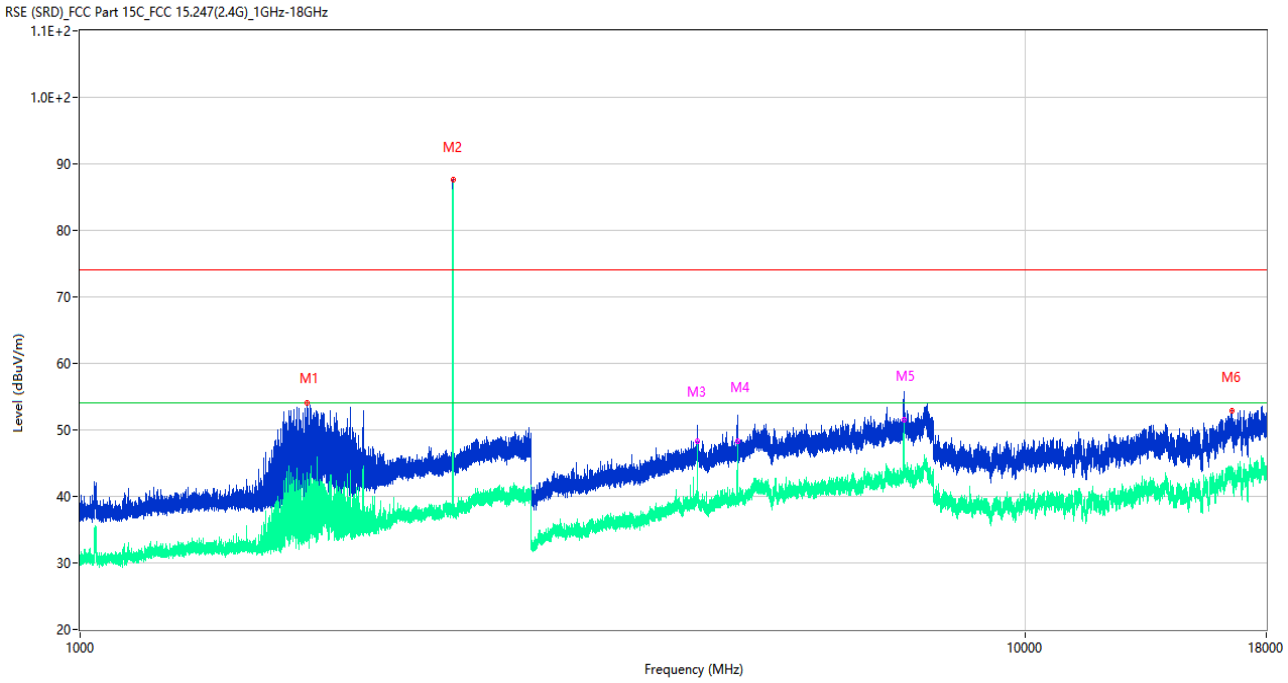
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.700	54.67	-15.62	74.0	-19.33	Peak	309.00	100	Vertical	Pass
1**	1993.700	37.68	-15.62	54.0	-16.32	AV	309.00	100	Vertical	Pass
2	2441.100	89.83	-12.30	74.0	15.83	Peak	228.00	150	Vertical	N/A
2**	2441.100	89.58	-12.30	54.0	35.58	AV	228.00	150	Vertical	N/A
3	4500.250	50.37	-4.42	74.0	-23.63	Peak	202.00	200	Vertical	Pass
3**	4500.250	47.51	-4.42	54.0	-6.49	AV	202.00	200	Vertical	Pass
4	4882.000	49.64	-3.61	74.0	-24.36	Peak	55.00	100	Vertical	Pass
4**	4882.000	46.06	-3.61	54.0	-7.94	AV	55.00	100	Vertical	Pass
5	7322.750	54.22	-0.63	74.0	-19.78	Peak	277.00	400	Vertical	Pass
5**	7322.750	50.00	-0.63	54.0	-4.00	AV	277.00	400	Vertical	Pass
6	16499.025	53.69	-0.00	74.0	-20.31	Peak	55.00	200	Vertical	Pass
6**	16499.025	43.17	-0.00	54.0	-10.83	AV	55.00	200	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H



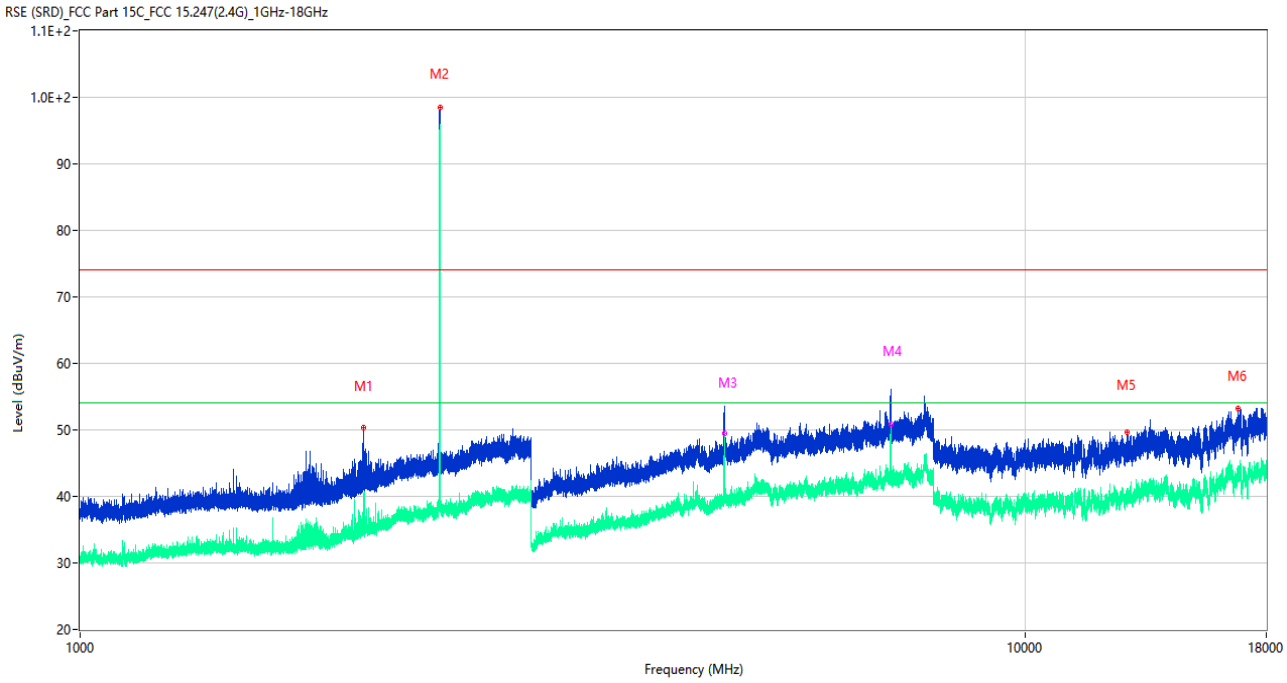
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1991.500	52.92	-15.63	74.0	-21.08	Peak	234.00	200	Horizontal	Pass
1**	1991.500	40.20	-15.63	54.0	-13.80	AV	234.00	200	Horizontal	Pass
2	2479.900	96.51	-13.07	74.0	22.51	Peak	187.00	150	Horizontal	N/A
2**	2479.900	95.96	-13.07	54.0	41.96	AV	187.00	150	Horizontal	N/A
3	4960.250	53.80	-4.16	74.0	-20.20	Peak	171.00	200	Horizontal	Pass
3**	4960.250	51.54	-4.16	54.0	-2.46	AV	171.00	200	Horizontal	Pass
4	7440.500	56.53	0.33	74.0	-17.47	Peak	112.00	100	Horizontal	Pass
4***	7440.500	50.876	0.33	54.0	-3.124	AV	112.00	100	Horizontal	Pass
5	12695.850	49.75	-2.33	74.0	-24.25	Peak	187.00	300	Horizontal	Pass
5**	12695.850	40.15	-2.33	54.0	-13.85	AV	187.00	300	Horizontal	Pass
6	17020.614	53.39	0.70	74.0	-20.61	Peak	165.00	200	Horizontal	Pass
6**	17020.614	43.01	0.70	54.0	-10.99	AV	165.00	200	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V



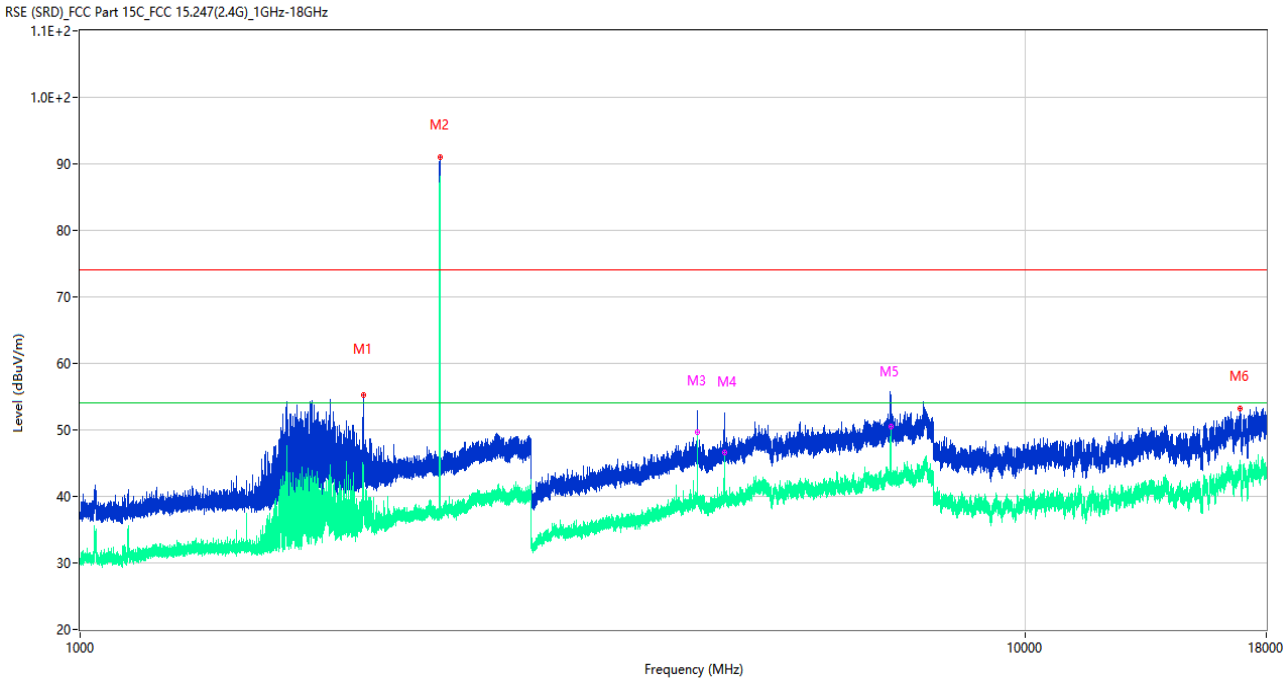
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1739.500	54.09	-17.10	74.0	-19.91	Peak	281.00	200	Vertical	Pass
1**	1739.500	34.78	-17.10	54.0	-19.22	AV	281.00	200	Vertical	Pass
2	2479.900	87.55	-13.07	74.0	13.55	Peak	225.00	100	Vertical	N/A
2**	2479.900	86.92	-13.07	54.0	32.92	AV	225.00	100	Vertical	N/A
3	4500.250	49.69	-4.42	74.0	-24.31	Peak	214.00	300	Vertical	Pass
3**	4500.250	48.35	-4.42	54.0	-5.65	AV	214.00	300	Vertical	Pass
4	4960.500	51.00	-4.15	74.0	-23.00	Peak	360.00	200	Vertical	Pass
4**	4960.500	48.38	-4.15	54.0	-5.62	AV	360.00	200	Vertical	Pass
5	7440.500	54.64	0.33	74.0	-19.36	Peak	318.00	300	Vertical	Pass
5***	7440.500	50.439	0.33	54.0	-3.561	AV	318.00	300	Vertical	Pass
6	16541.287	52.95	0.02	74.0	-21.05	Peak	270.00	400	Vertical	Pass
6**	16541.287	43.02	0.02	54.0	-10.98	AV	270.00	400	Vertical	Pass

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



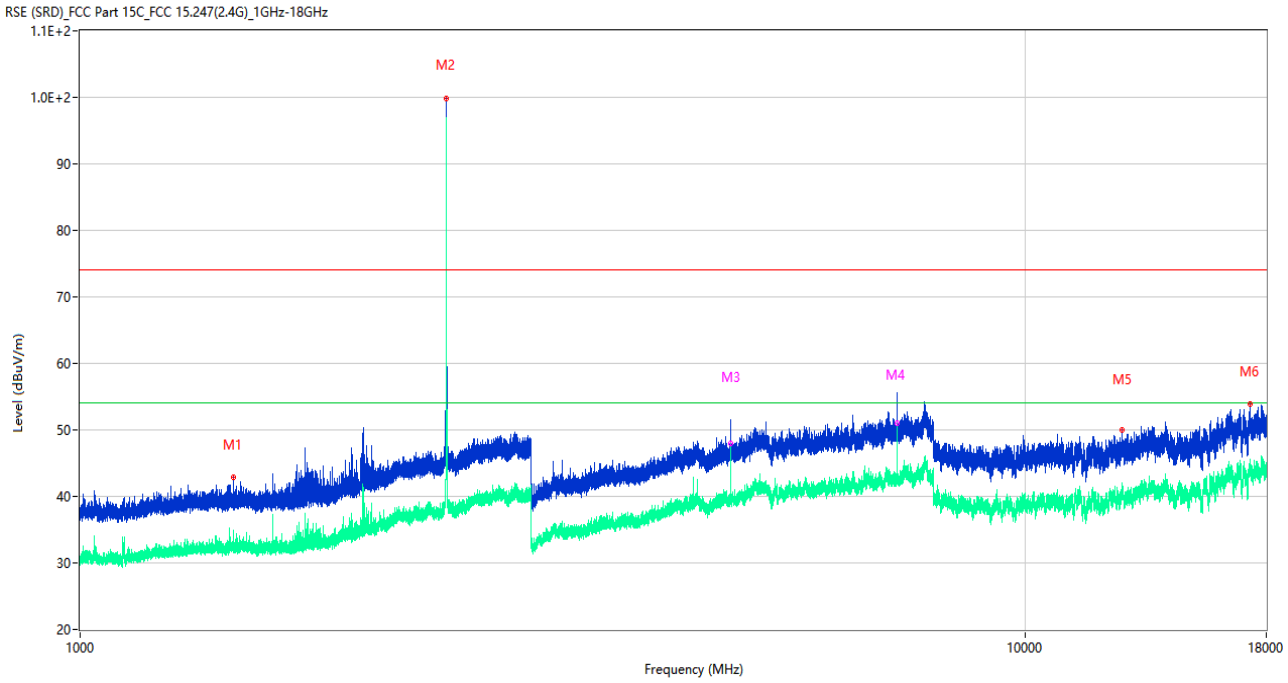
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.800	50.27	-15.85	74.0	-23.73	Peak	227.00	100	Horizontal	Pass
1**	1995.800	36.12	-15.85	54.0	-17.88	AV	227.00	100	Horizontal	Pass
2	2401.900	98.47	-13.34	74.0	24.47	Peak	33.00	150	Horizontal	N/A
2**	2401.900	95.49	-13.34	54.0	41.49	AV	33.00	150	Horizontal	N/A
3	4804.000	51.92	-4.13	74.0	-22.08	Peak	129.00	300	Horizontal	Pass
3**	4804.000	49.42	-4.13	54.0	-4.58	AV	129.00	300	Horizontal	Pass
4	7206.000	55.48	-1.05	74.0	-18.52	Peak	41.00	200	Horizontal	Pass
4**	7206.000	50.79	-1.05	54.0	-3.21	AV	41.00	200	Horizontal	Pass
5	12834.787	49.70	-2.07	74.0	-24.30	Peak	-3.00	100	Horizontal	Pass
5**	12834.787	39.07	-2.07	54.0	-14.93	AV	-3.00	100	Horizontal	Pass
6	16815.074	53.15	0.63	74.0	-20.85	Peak	155.00	400	Horizontal	Pass
6**	16815.074	43.34	0.63	54.0	-10.66	AV	155.00	400	Horizontal	Pass

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



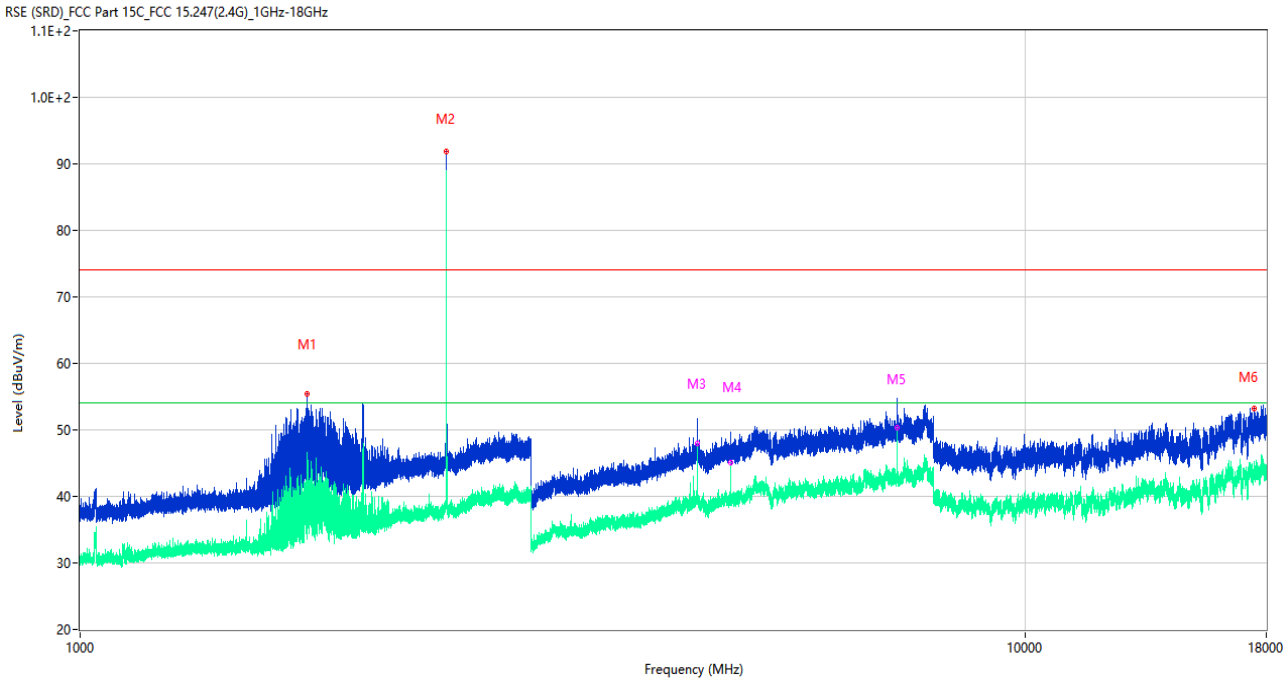
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.400	55.31	-15.59	74.0	-18.69	Peak	14.00	100	Vertical	Pass
1**	1993.400	43.28	-15.59	54.0	-10.72	AV	14.00	100	Vertical	Pass
2	2402.000	90.95	-13.34	74.0	16.95	Peak	154.00	150	Vertical	N/A
2**	2402.000	88.00	-13.34	54.0	34.00	AV	154.00	150	Vertical	N/A
3	4500.000	52.22	-4.42	74.0	-21.78	Peak	202.00	200	Vertical	Pass
3**	4500.000	49.73	-4.42	54.0	-4.27	AV	202.00	200	Vertical	Pass
4	4804.500	50.00	-4.08	74.0	-24.00	Peak	81.00	300	Vertical	Pass
4**	4804.500	46.68	-4.08	54.0	-7.32	AV	81.00	300	Vertical	Pass
5	7206.000	55.32	-1.05	74.0	-18.68	Peak	290.00	100	Vertical	Pass
5**	7206.000	50.57	-1.05	54.0	-3.43	AV	290.00	100	Vertical	Pass
6	16889.099	53.15	1.42	74.0	-20.85	Peak	231.00	400	Vertical	Pass
6**	16889.099	44.17	1.42	54.0	-9.83	AV	231.00	400	Vertical	Pass

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



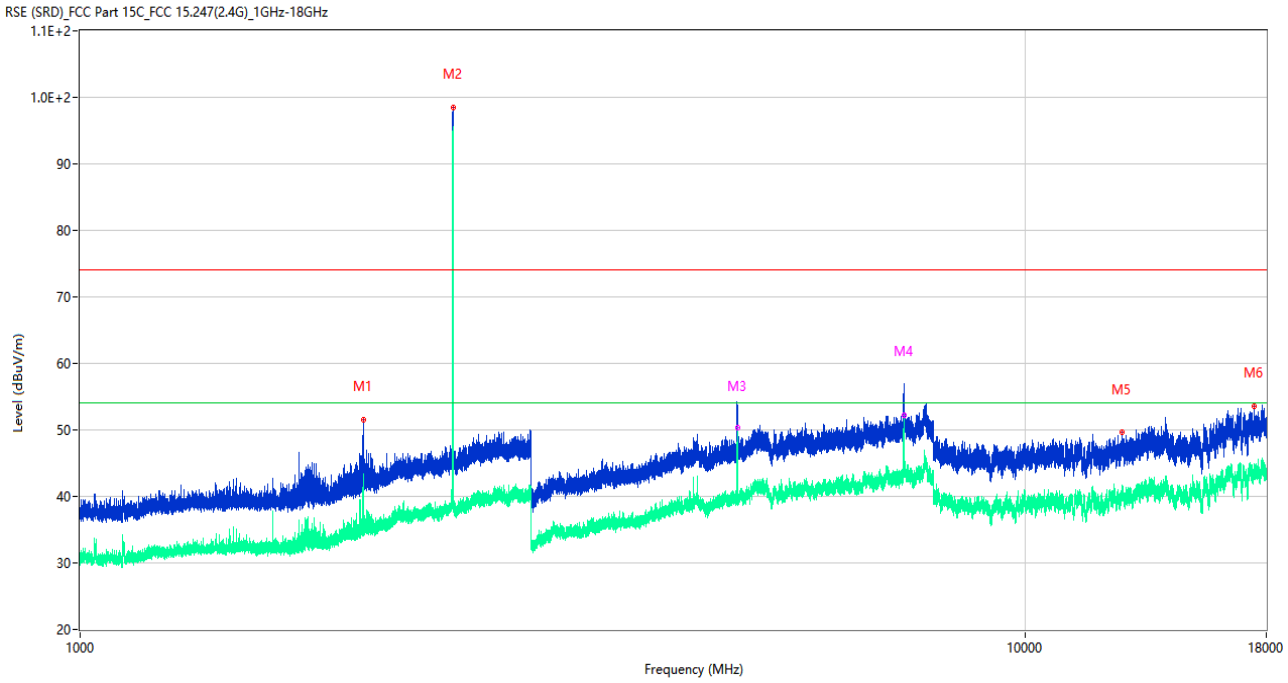
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.900	42.83	-17.55	74.0	-31.17	Peak	139.00	100	Horizontal	Pass
1**	1451.900	34.18	-17.55	54.0	-19.82	AV	139.00	100	Horizontal	Pass
2	2440.800	99.84	-12.32	74.0	25.84	Peak	190.00	150	Horizontal	N/A
2**	2440.800	96.58	-12.32	54.0	42.58	AV	190.00	150	Horizontal	N/A
3	4882.000	51.28	-3.61	74.0	-22.72	Peak	171.00	200	Horizontal	Pass
3**	4882.000	47.93	-3.61	54.0	-6.07	AV	171.00	200	Horizontal	Pass
4	7323.500	54.15	-0.58	74.0	-19.85	Peak	67.00	200	Horizontal	Pass
4**	7323.500	50.98	-0.58	54.0	-3.02	AV	67.00	200	Horizontal	Pass
5	12671.863	49.96	-2.32	74.0	-24.04	Peak	104.00	400	Horizontal	Pass
5**	12671.863	39.50	-2.32	54.0	-14.50	AV	104.00	400	Horizontal	Pass
6	17307.001	53.87	2.00	74.0	-20.13	Peak	298.00	100	Horizontal	Pass
6**	17307.001	44.21	2.00	54.0	-9.79	AV	298.00	100	Horizontal	Pass

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



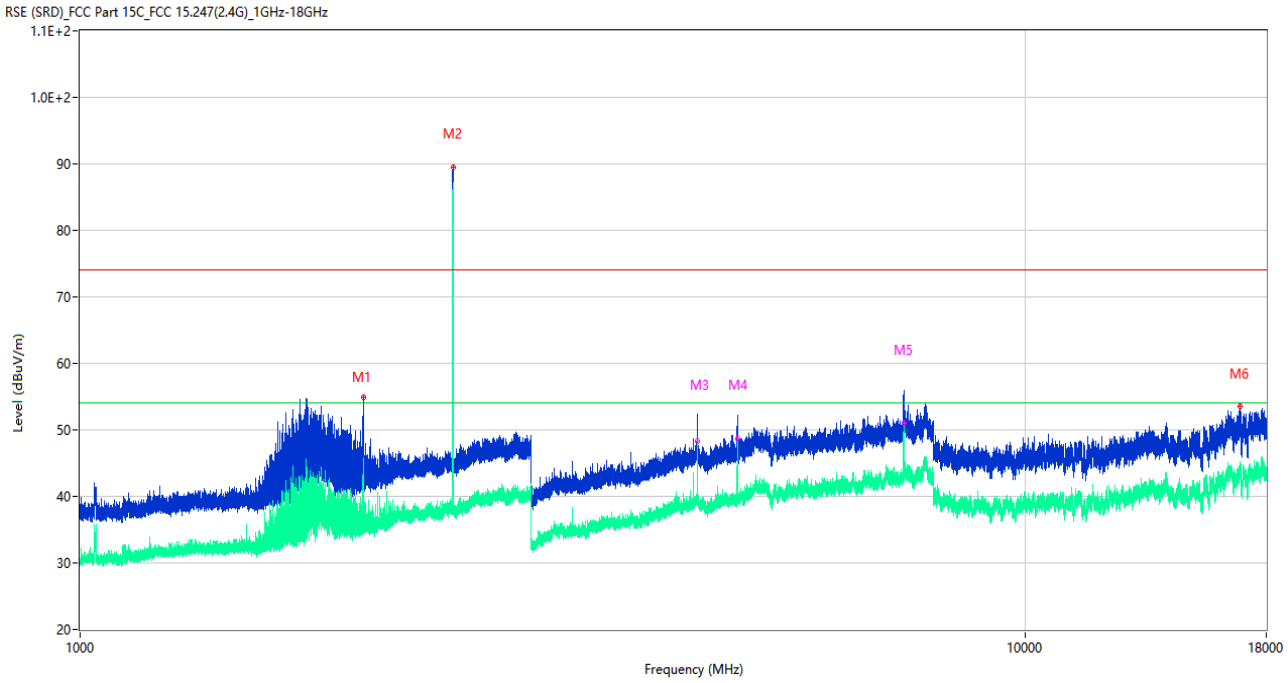
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1740.100	55.44	-16.99	74.0	-18.56	Peak	274.00	100	Vertical	Pass
1**	1740.100	40.15	-16.99	54.0	-13.85	AV	274.00	100	Vertical	Pass
2	2440.800	91.78	-12.32	74.0	17.78	Peak	227.00	200	Vertical	N/A
2**	2440.800	88.29	-12.32	54.0	34.29	AV	227.00	200	Vertical	N/A
3	4500.000	51.68	-4.42	74.0	-22.32	Peak	203.00	300	Vertical	Pass
3**	4500.000	47.99	-4.42	54.0	-6.01	AV	203.00	300	Vertical	Pass
4	4882.500	49.70	-3.60	74.0	-24.30	Peak	84.00	400	Vertical	Pass
4**	4882.500	45.07	-3.60	54.0	-8.93	AV	84.00	400	Vertical	Pass
5	7323.500	53.94	-0.58	74.0	-20.06	Peak	291.00	100	Vertical	Pass
5**	7323.500	50.26	-0.58	54.0	-3.74	AV	291.00	100	Vertical	Pass
6	17487.337	53.21	3.08	74.0	-20.79	Peak	264.00	200	Vertical	Pass
6**	17487.337	44.57	3.08	54.0	-9.43	AV	264.00	200	Vertical	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 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	1993.800	51.47	-15.63	74.0	-22.53	Peak	242.00	100	Horizontal	Pass
1**	1993.800	36.61	-15.63	54.0	-17.39	AV	242.00	100	Horizontal	Pass
2	2480.100	98.50	-13.08	74.0	24.50	Peak	161.00	200	Horizontal	N/A
2**	2480.100	95.16	-13.08	54.0	41.16	AV	161.00	200	Horizontal	N/A
3	4960.250	53.50	-4.16	74.0	-20.50	Peak	129.00	300	Horizontal	Pass
3**	4960.250	50.35	-4.16	54.0	-3.65	AV	129.00	300	Horizontal	Pass
4	7439.750	55.10	0.28	74.0	-18.90	Peak	70.00	100	Horizontal	Pass
4***	7439.750	49.916	0.28	54.0	-4.084	AV	70.00	100	Horizontal	Pass
5	12670.200	49.64	-2.31	74.0	-24.36	Peak	303.00	400	Horizontal	Pass
5**	12670.200	39.72	-2.31	54.0	-14.28	AV	303.00	400	Horizontal	Pass
6	17491.800	53.61	3.08	74.0	-20.39	Peak	192.00	100	Horizontal	Pass
6**	17491.800	43.95	3.08	54.0	-10.05	AV	192.00	100	Horizontal	Pass

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



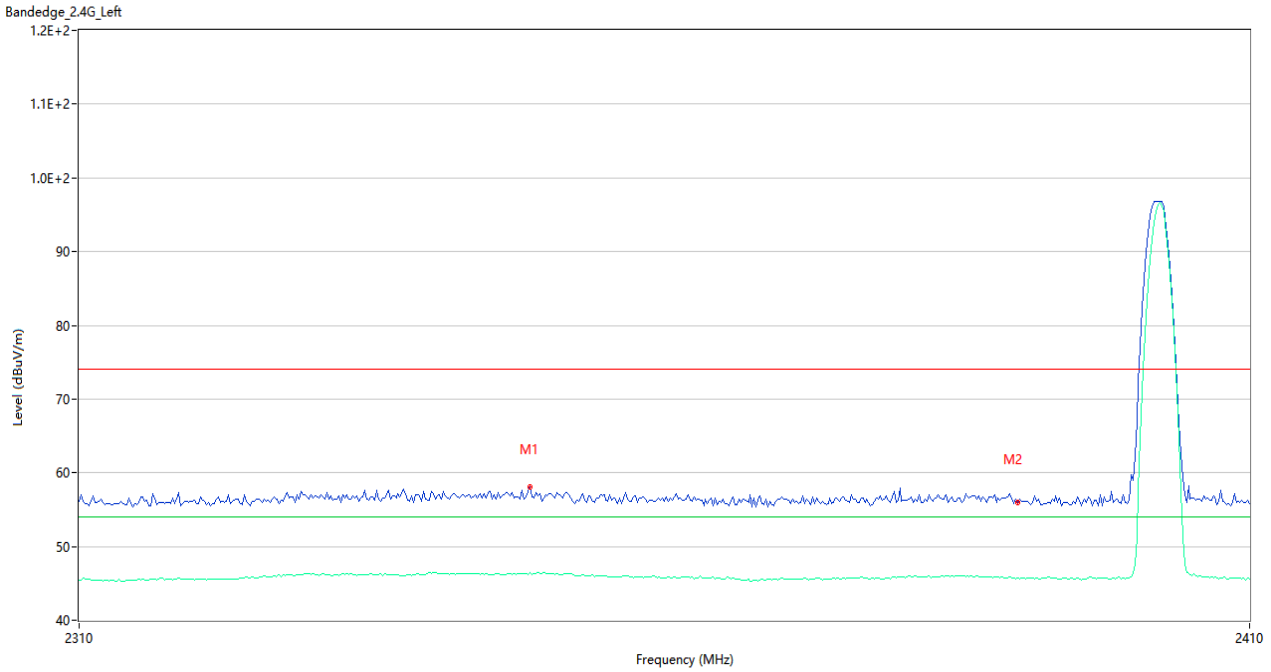
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1995.500	54.84	-15.86	74.0	-19.16	Peak	28.00	100	Vertical	Pass
1**	1995.500	34.58	-15.86	54.0	-19.42	AV	28.00	100	Vertical	Pass
2	2479.900	89.55	-13.07	74.0	15.55	Peak	229.00	200	Vertical	N/A
2**	2479.900	86.53	-13.07	54.0	32.53	AV	229.00	200	Vertical	N/A
3	4500.000	52.30	-4.42	74.0	-21.70	Peak	202.00	400	Vertical	Pass
3**	4500.000	48.29	-4.42	54.0	-5.71	AV	202.00	400	Vertical	Pass
4	4960.000	51.83	-4.17	74.0	-22.17	Peak	83.00	100	Vertical	Pass
4**	4960.000	48.61	-4.17	54.0	-5.39	AV	83.00	100	Vertical	Pass
5	7440.500	55.48	0.33	74.0	-18.52	Peak	305.00	300	Vertical	Pass
5**	7440.500	51.04	0.33	54.0	-2.96	AV	305.00	300	Vertical	Pass
6	16897.238	53.49	1.49	74.0	-20.51	Peak	360.00	100	Vertical	Pass
6**	16897.238	43.22	1.49	54.0	-10.78	AV	360.00	100	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 C63.10-2013, 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.

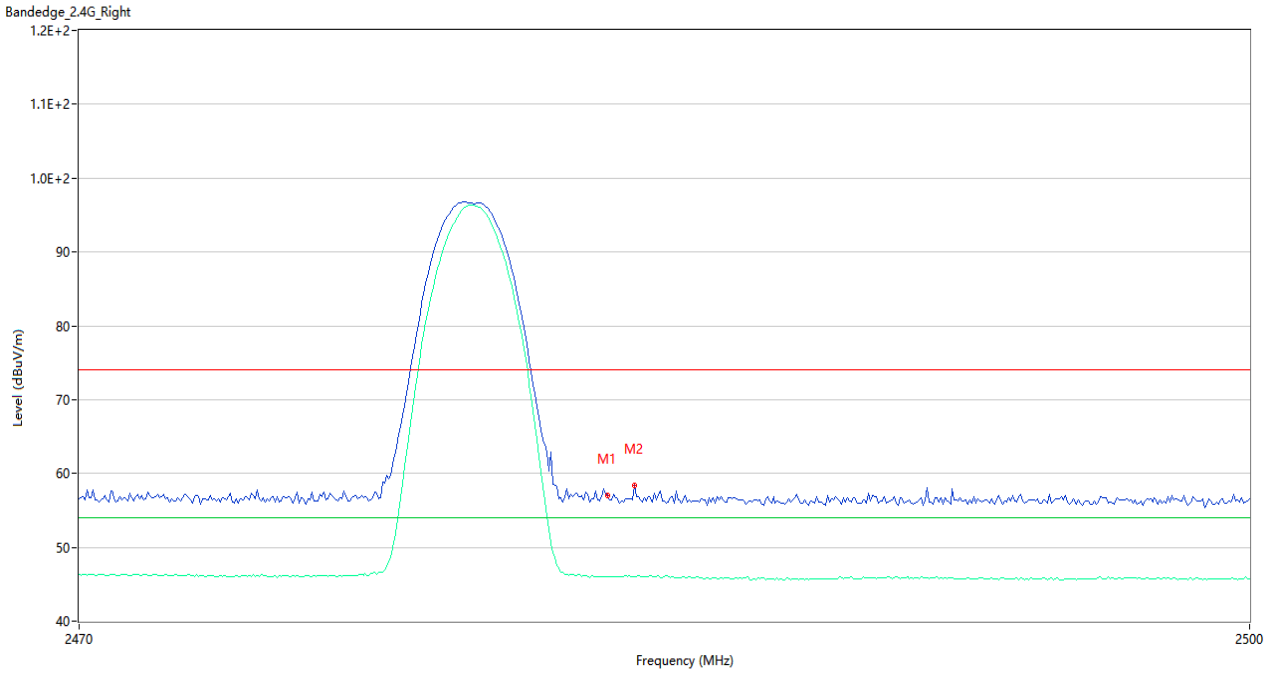
Test Data and Plots

GFSK LOW CHANNEL



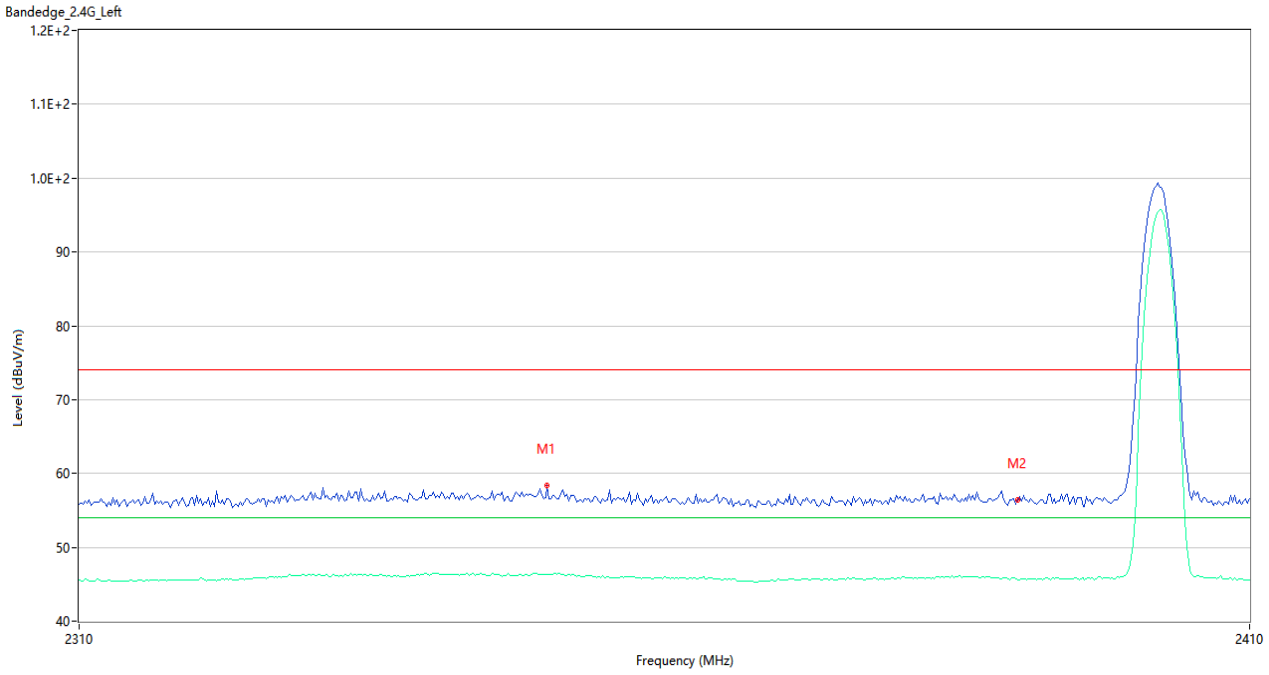
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2348.000	58.15	2.56	74.0	-15.85	Peak	320.00	200	Horizontal	Pass
1**	2348.000	46.45	2.56	54.0	-7.55	AV	320.00	200	Horizontal	Pass
2	2389.833	55.90	1.64	74.0	-18.10	Peak	183.00	100	Horizontal	Pass
2**	2389.833	45.74	1.64	54.0	-8.26	AV	183.00	100	Horizontal	Pass

GFSK HIGH CHANNEL



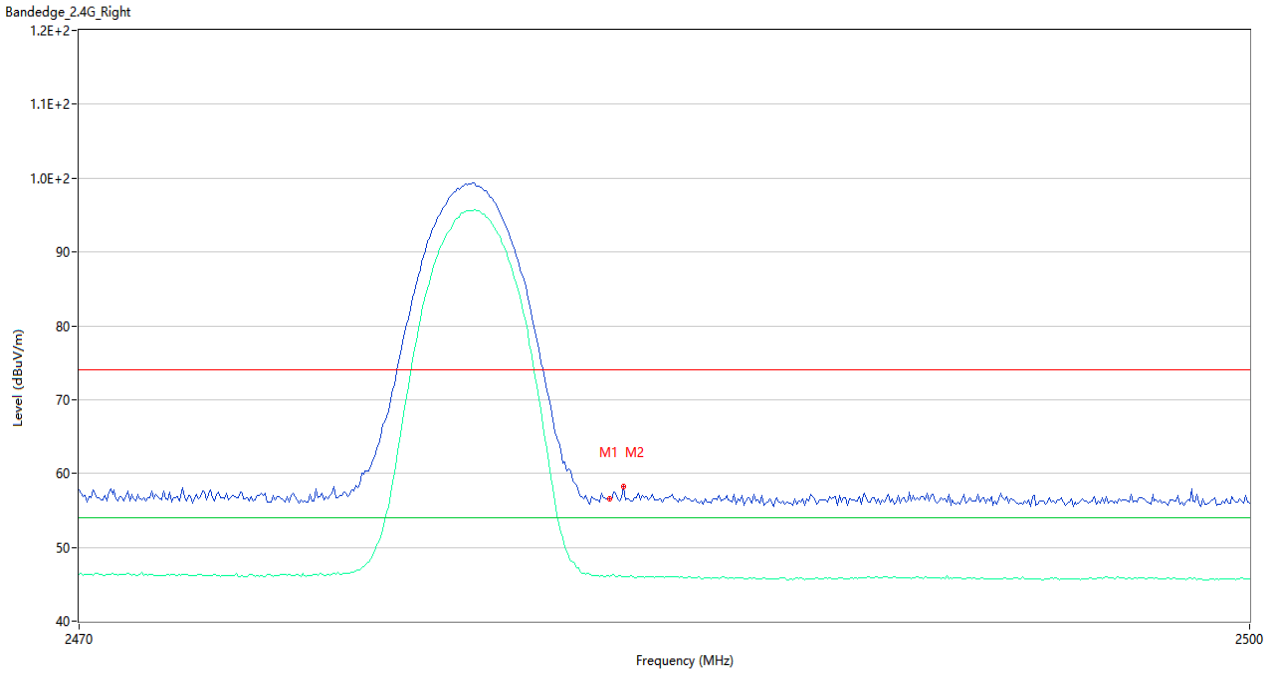
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.07	1.98	74.0	-16.93	Peak	256.00	200	Horizontal	Pass
1**	2483.500	46.05	1.98	54.0	-7.95	AV	256.00	200	Horizontal	Pass
2	2484.200	58.36	2.00	74.0	-15.64	Peak	183.00	200	Horizontal	Pass
2**	2484.200	45.99	2.00	54.0	-8.01	AV	183.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2349.500	58.37	2.57	74.0	-15.63	Peak	165.00	100	Horizontal	Pass
1**	2349.500	46.38	2.57	54.0	-7.62	AV	165.00	100	Horizontal	Pass
2	2389.833	56.44	1.64	74.0	-17.56	Peak	63.00	200	Horizontal	Pass
2**	2389.833	45.62	1.64	54.0	-8.38	AV	63.00	200	Horizontal	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	56.63	1.98	74.0	-17.37	Peak	298.00	150	Horizontal	Pass
1**	2483.550	46.06	1.98	54.0	-7.94	AV	298.00	150	Horizontal	Pass
2	2483.900	58.17	1.99	74.0	-15.83	Peak	39.00	200	Horizontal	Pass
2**	2483.900	46.04	1.99	54.0	-7.96	AV	39.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2260580-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2260580-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2260580-AI.PDF”.

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--END OF REPORT--