

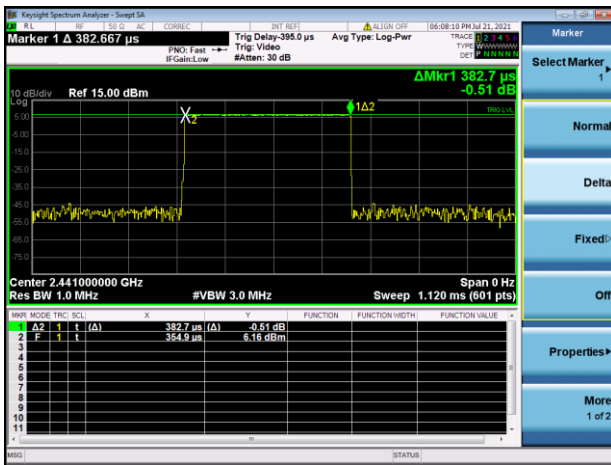
A.5 Average Time of Occupancy

Test Data

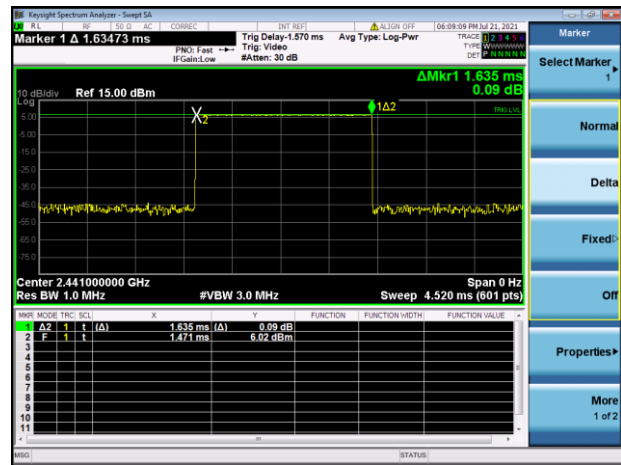
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38270	122.464	0.4	Pass
DH 3	1.63500	261.600	0.4	Pass
DH 5	2.88000	307.200	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.39010	124.832	0.4	Pass
DH 3	1.64200	262.720	0.4	Pass
DH 5	2.89300	308.587	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38270	61.232	0.4	Pass
DH 3	1.63500	130.800	0.4	Pass
DH 5	2.88000	153.600	0.4	Pass

Test Plots

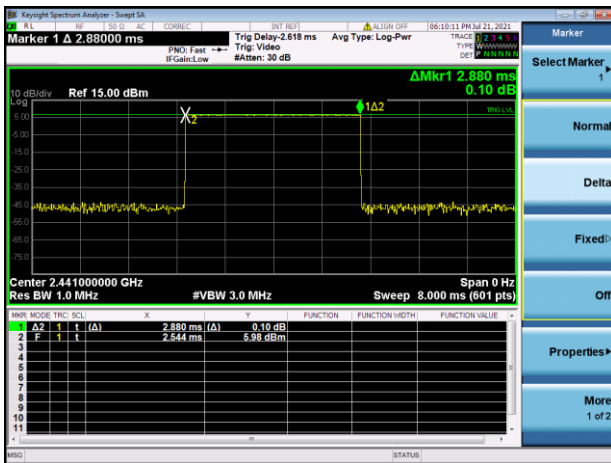
GFSK DH1



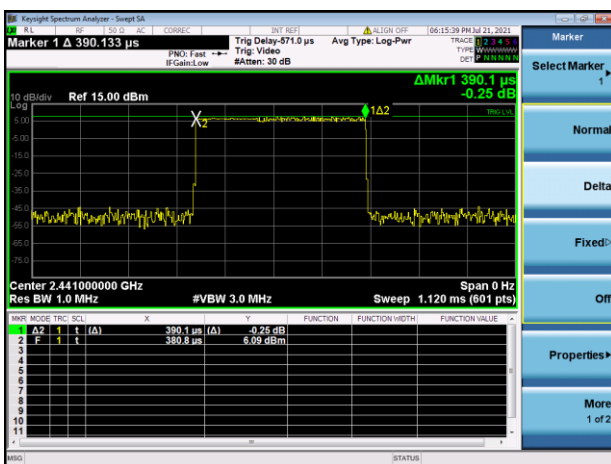
GFSK DH3



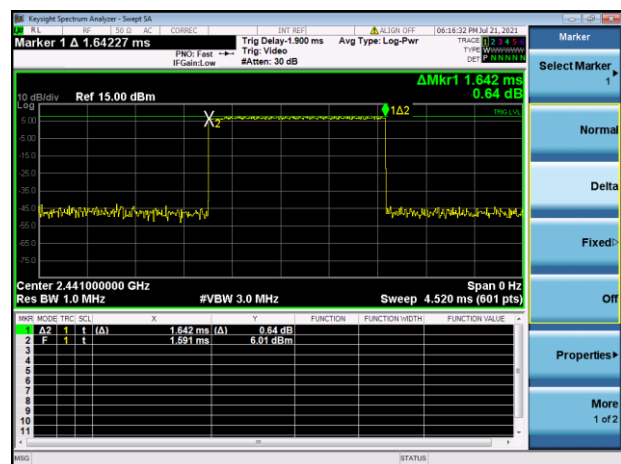
GFSK DH5



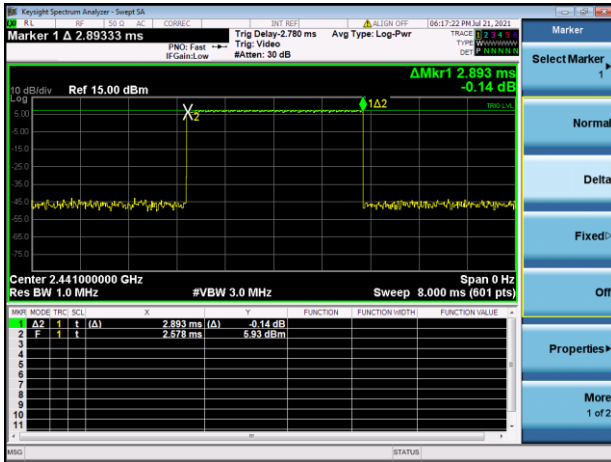
8-DPSK DH1



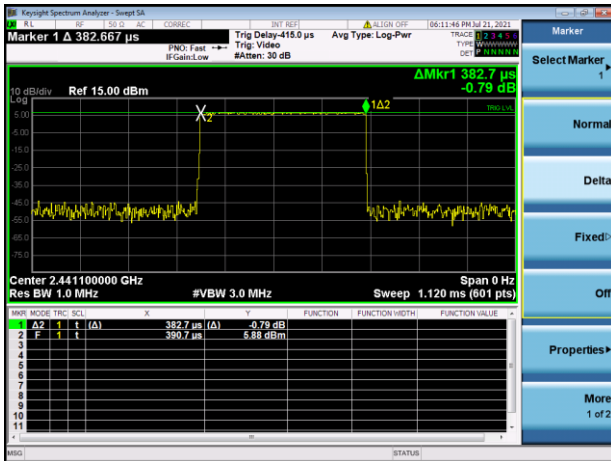
8-DPSK DH3



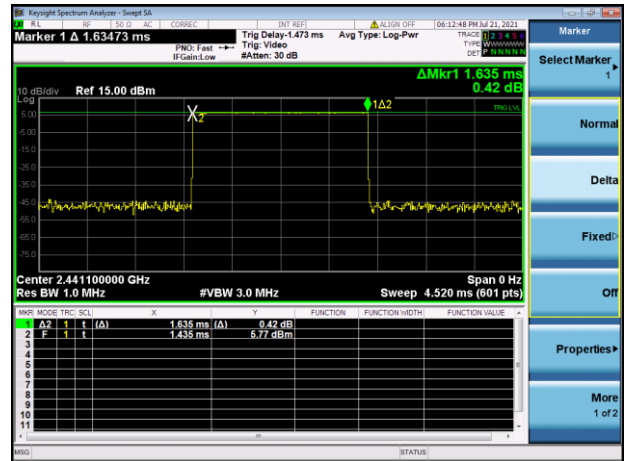
8-DPSK DH5



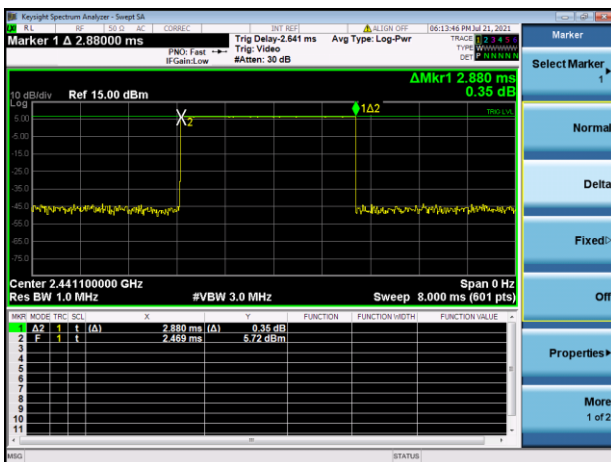
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



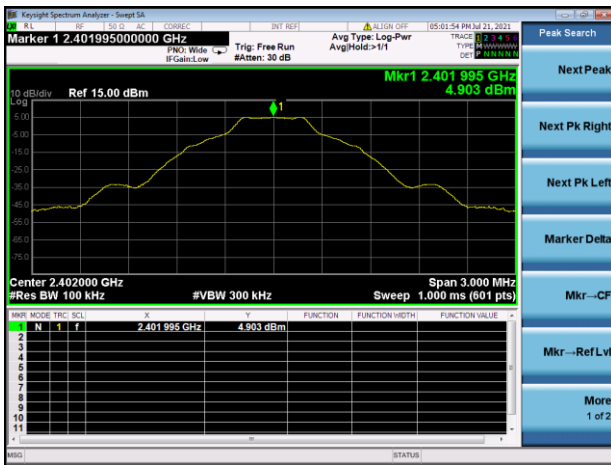
A.6 Conducted Spurious Emissions & Authorized-band band-edge

Test Data

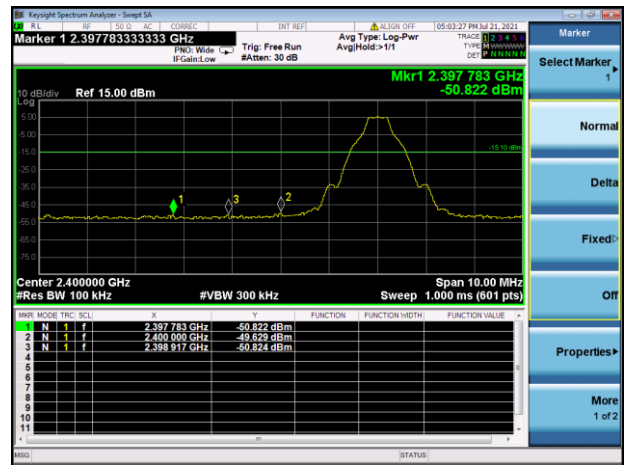
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.34	4.90	-15.10	Pass
Middle	-36.33	4.64	-15.36	Pass
High	-36.94	5.13	-14.88	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.33	3.31	-16.69	Pass
Middle	-36.73	3.15	-16.86	Pass
High	-36.68	3.52	-16.48	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-36.06	6.47	-13.53	Pass
8-DPSK	-36.03	6.42	-13.59	Pass

Test Plots

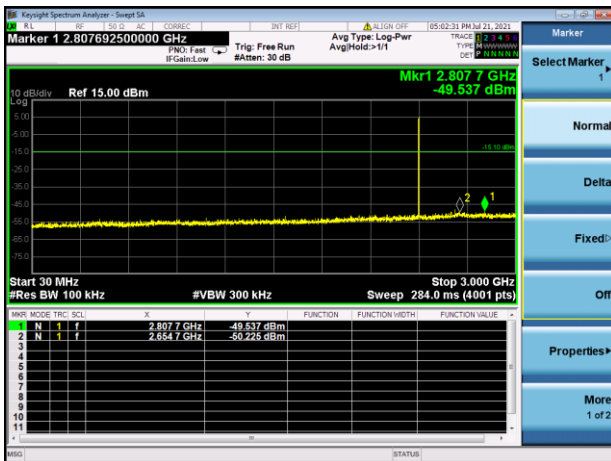
GFSK LOW CHANNEL, CARRIER LEVEL



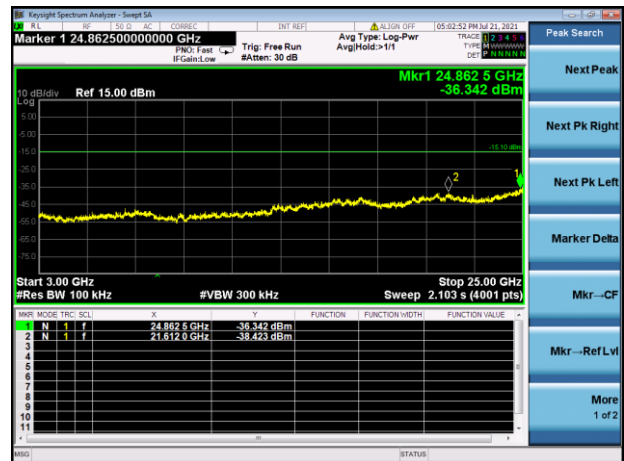
GFSK LOW CHANNEL, BAND EDGE



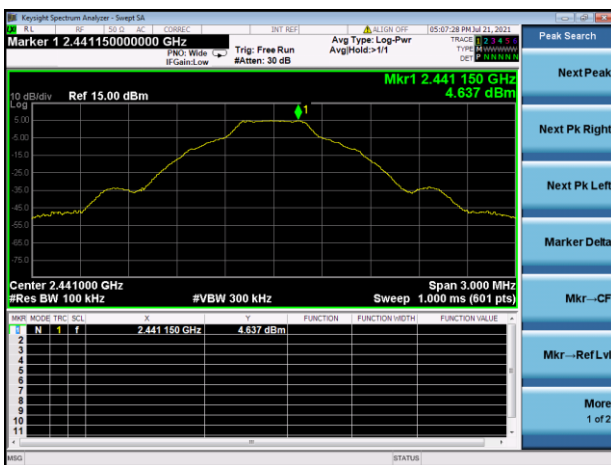
GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



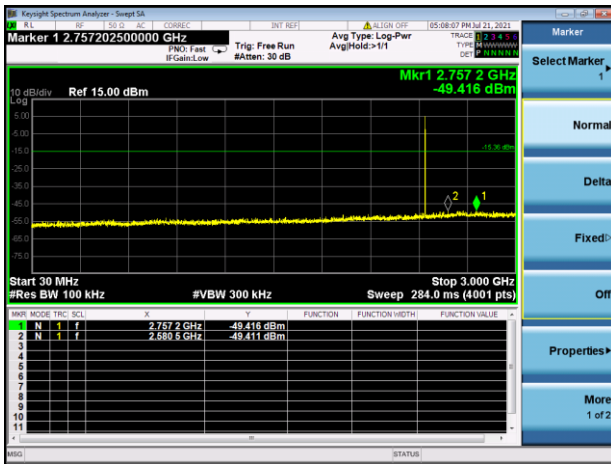
GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



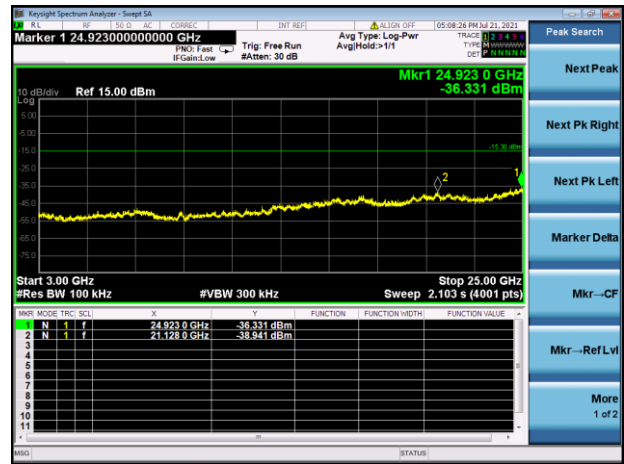
GFSK MIDDLE CHANNEL, CARRIER LEVEL



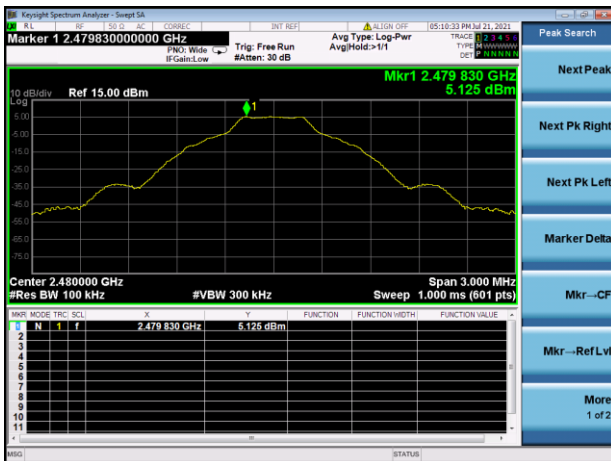
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



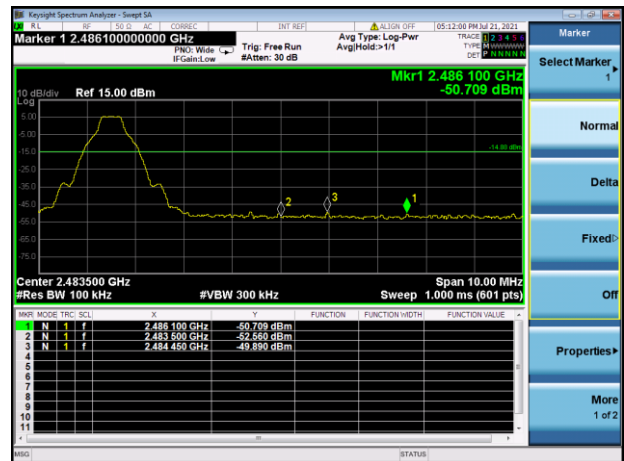
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



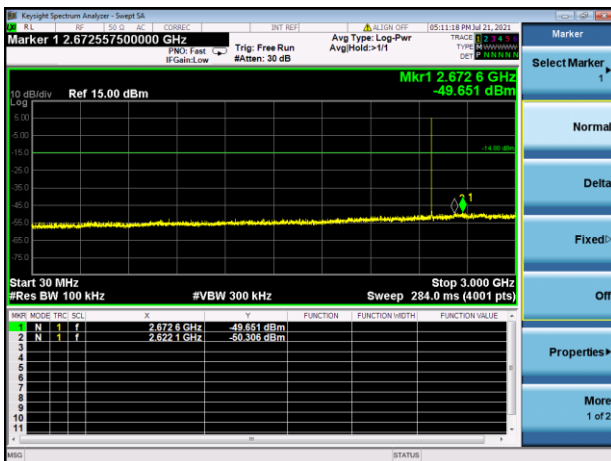
GFSK HIGH CHANNEL, CARRIER LEVEL



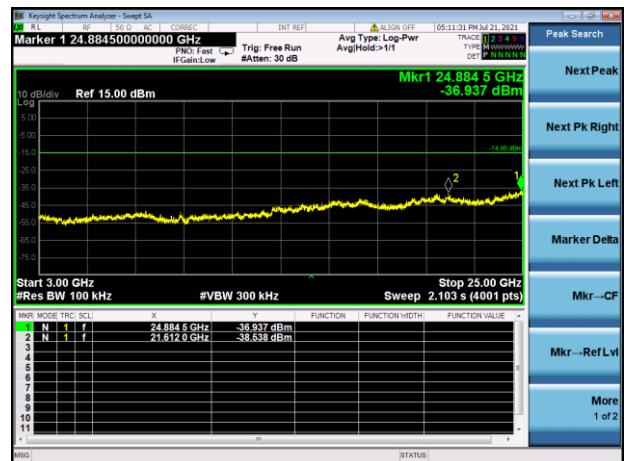
GFSK HIGH CHANNEL, BAND EDGE



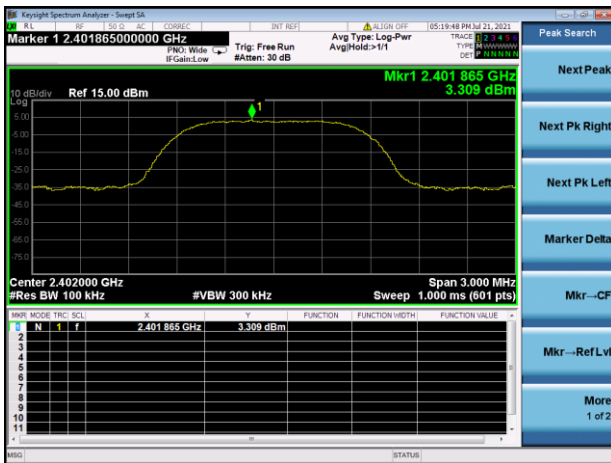
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



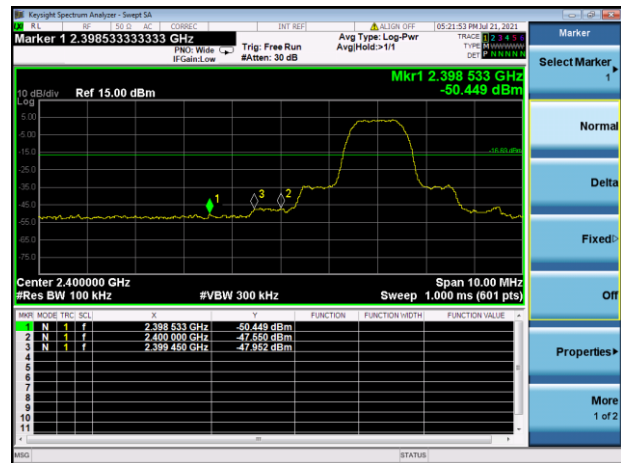
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



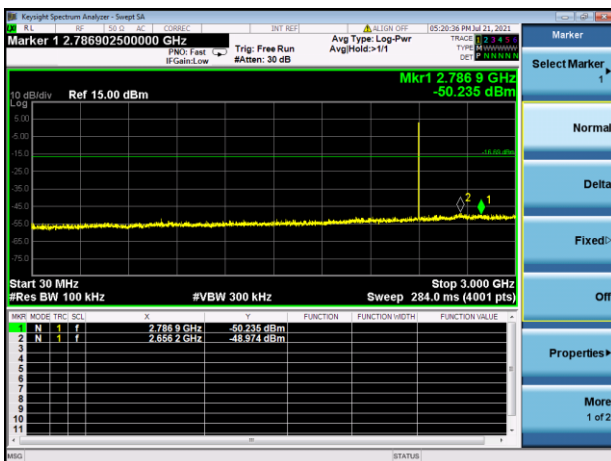
8-DPSK LOW CHANNEL, CARRIER LEVEL



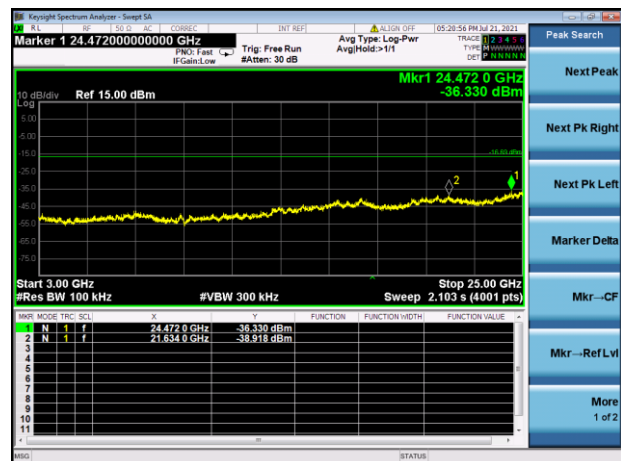
8-DPSK LOW CHANNEL, BAND EDGE



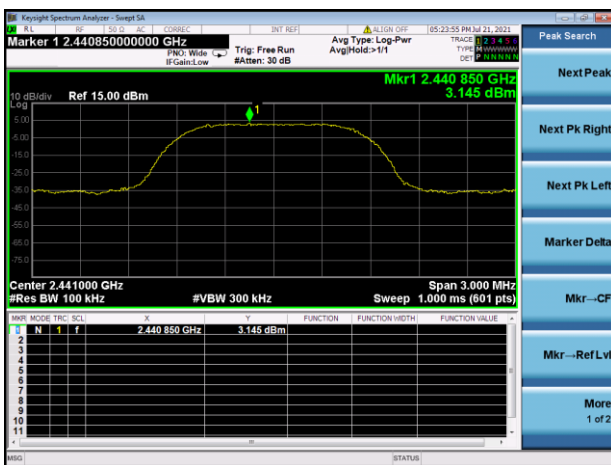
8-DPSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



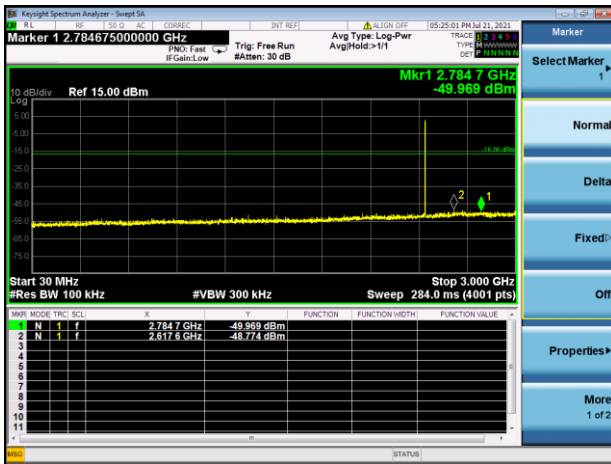
8-DPSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



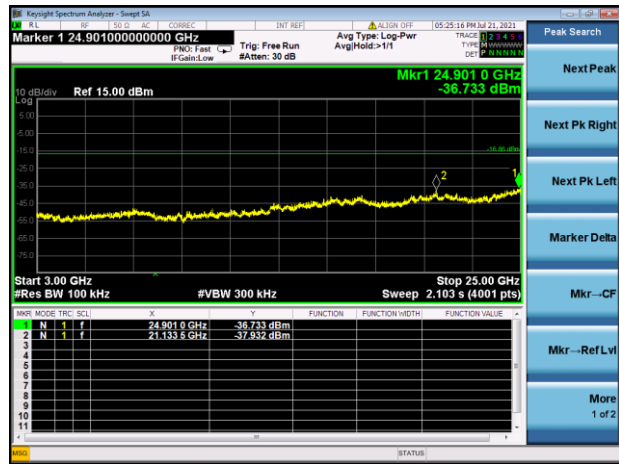
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



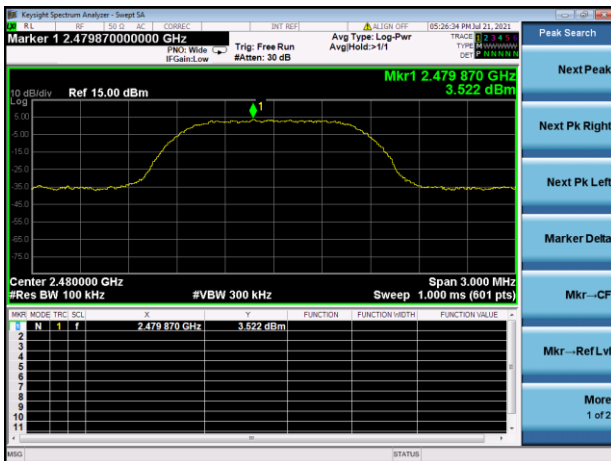
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



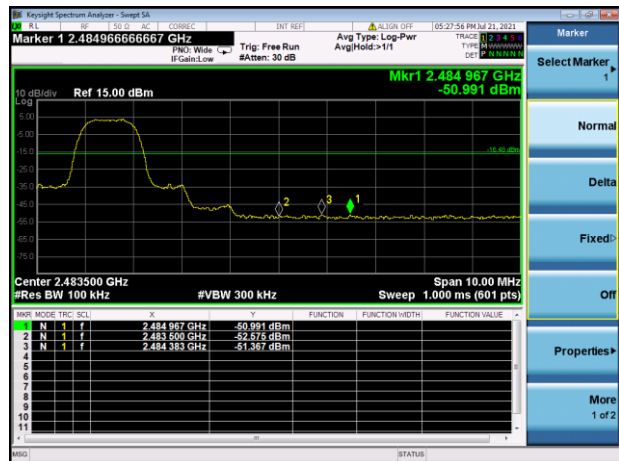
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



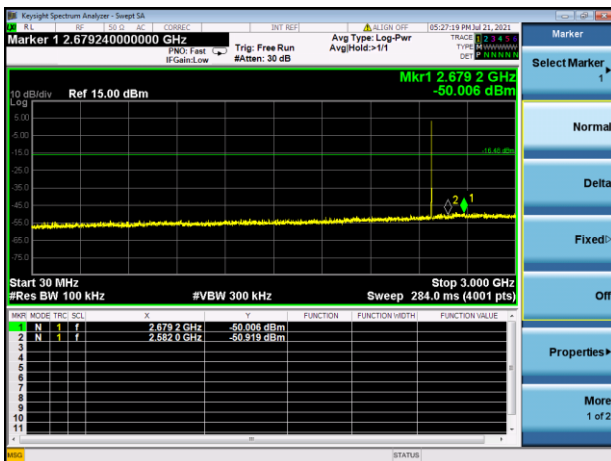
8-DPSK HIGH CHANNEL, CARRIER LEVEL



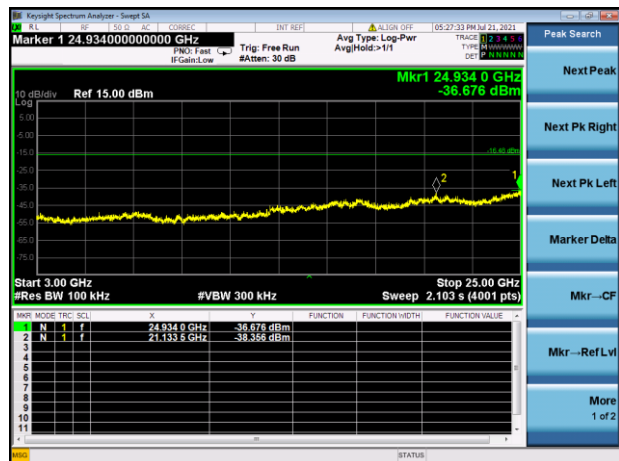
8-DPSK HIGH CHANNEL, BAND EDGE



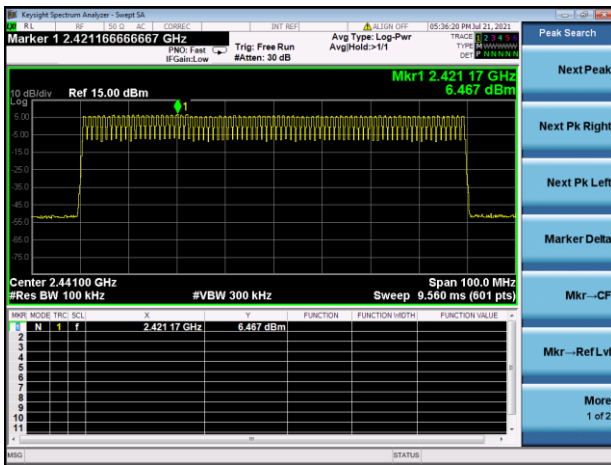
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



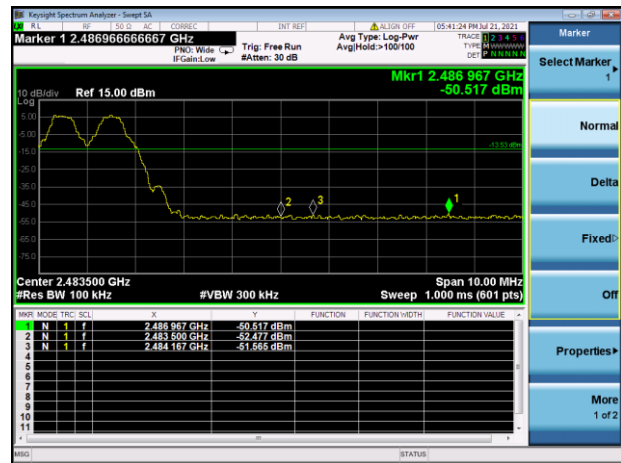
GFSK HOPPING, CARRIER LEVEL



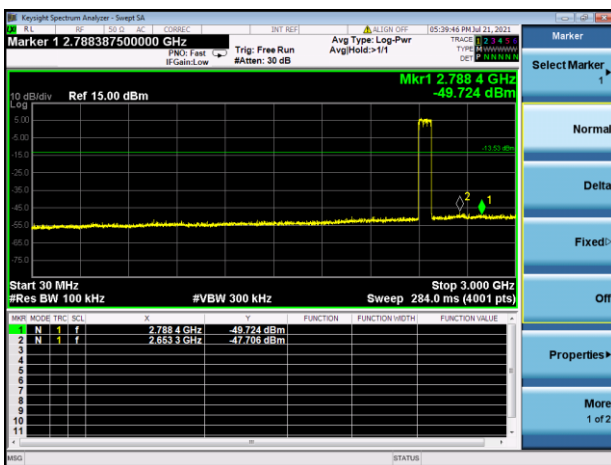
GFSK HOPPING BAND EDGE (LOW)



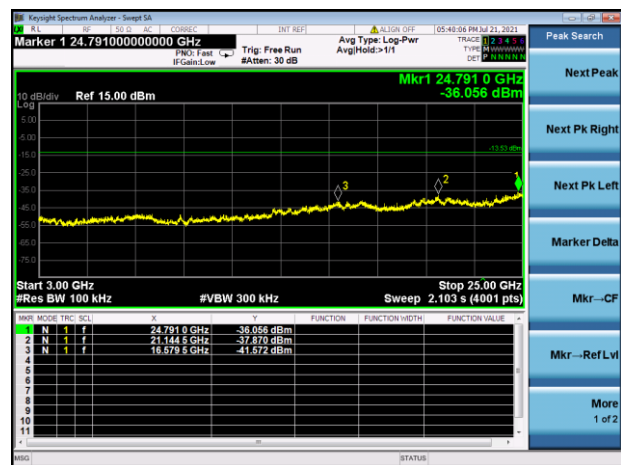
GFSK HOPPING BAND EDGE (HIGH)



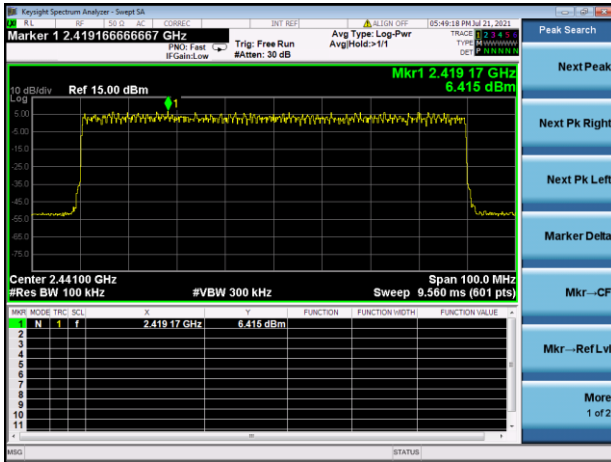
GFSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz



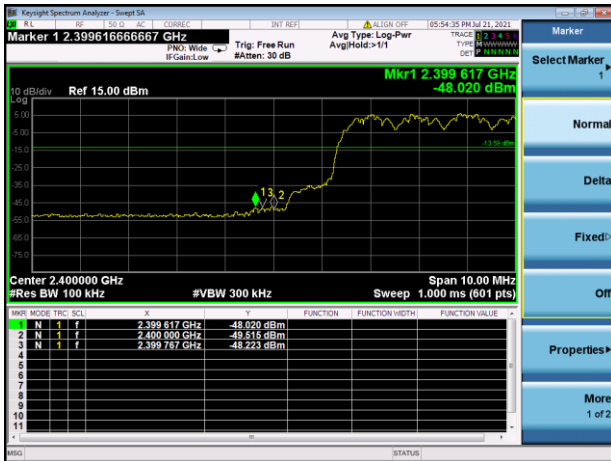
GFSK Hopping Mode, SPURIOUS 30 MHz ~ 25 GHz



8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



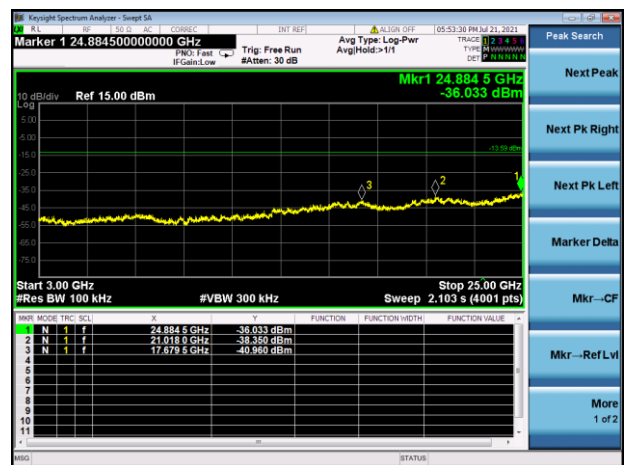
8-DPSK Hopping BAND EDGE (HIGH)



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



8-DPSK Hopping Mode, SPURIOUS 30 GHz ~ 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.

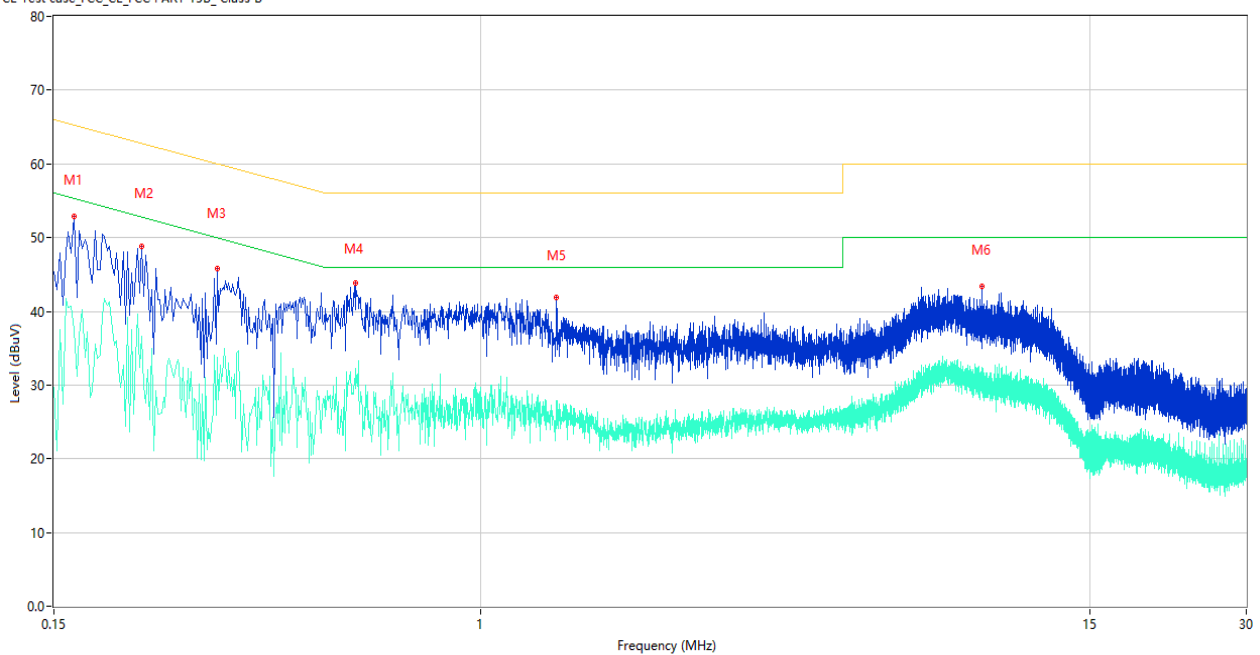
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

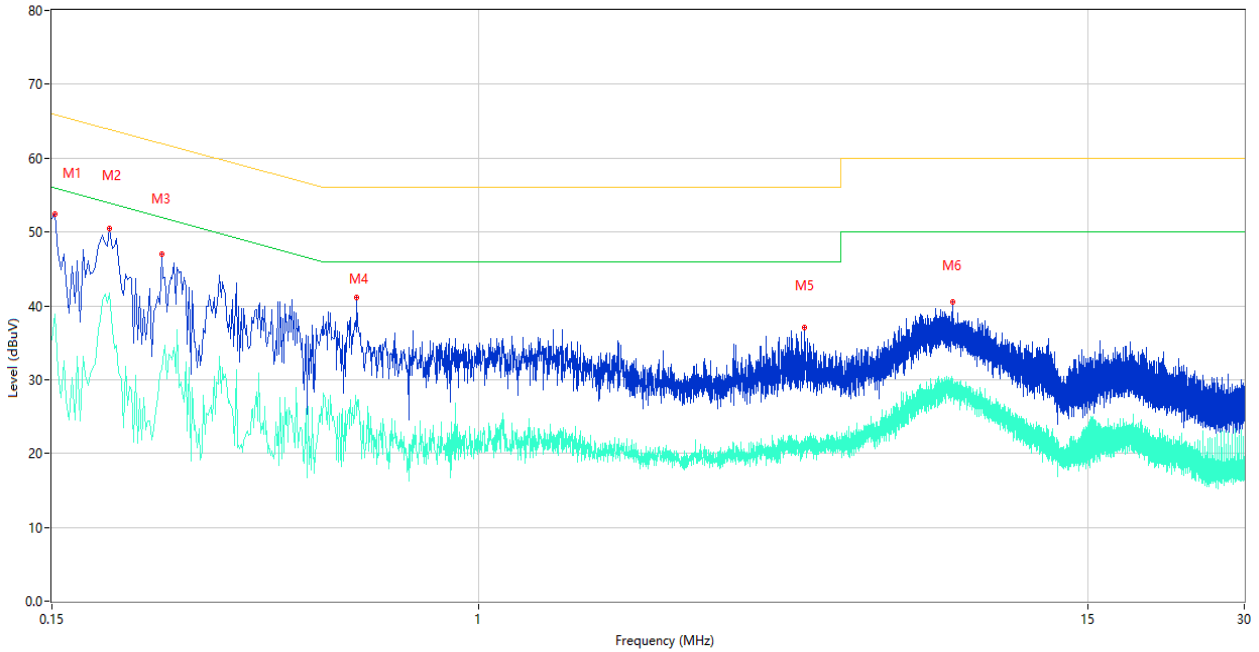
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	52.90	10.40	65.26	-12.36	Peak	L	Pass
1**	0.164	37.55	10.40	55.26	-17.71	AV	L	Pass
2	0.222	48.82	10.37	62.74	-13.92	Peak	L	Pass
2**	0.222	36.60	10.37	52.74	-16.14	AV	L	Pass
3	0.310	45.78	10.33	59.97	-14.19	Peak	L	Pass
3**	0.310	33.68	10.33	49.97	-16.29	AV	L	Pass
4	0.574	43.89	10.27	56.00	-12.11	Peak	L	Pass
4**	0.574	32.22	10.27	46.00	-13.78	AV	L	Pass
5	1.400	41.84	10.25	56.00	-14.16	Peak	L	Pass
5**	1.400	27.94	10.25	46.00	-18.06	AV	L	Pass
6	9.278	43.36	10.36	60.00	-16.64	Peak	L	Pass
6**	9.278	32.44	10.36	50.00	-17.56	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	52.38	10.41	65.89	-13.51	Peak	N	Pass
1**	0.152	38.82	10.41	55.89	-17.07	AV	N	Pass
2	0.194	50.40	10.38	63.86	-13.46	Peak	N	Pass
2**	0.194	41.68	10.38	53.86	-12.18	AV	N	Pass
3	0.244	46.96	10.34	61.96	-15.00	Peak	N	Pass
3**	0.244	31.32	10.34	51.96	-20.64	AV	N	Pass
4	0.582	41.19	10.27	56.00	-14.81	Peak	N	Pass
4**	0.582	25.09	10.27	46.00	-20.91	AV	N	Pass
5	4.258	37.02	10.30	56.00	-18.98	Peak	N	Pass
5**	4.258	22.00	10.30	46.00	-24.00	AV	N	Pass
6	8.204	40.59	10.34	60.00	-19.41	Peak	N	Pass
6**	8.204	29.18	10.34	50.00	-20.82	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 to 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.

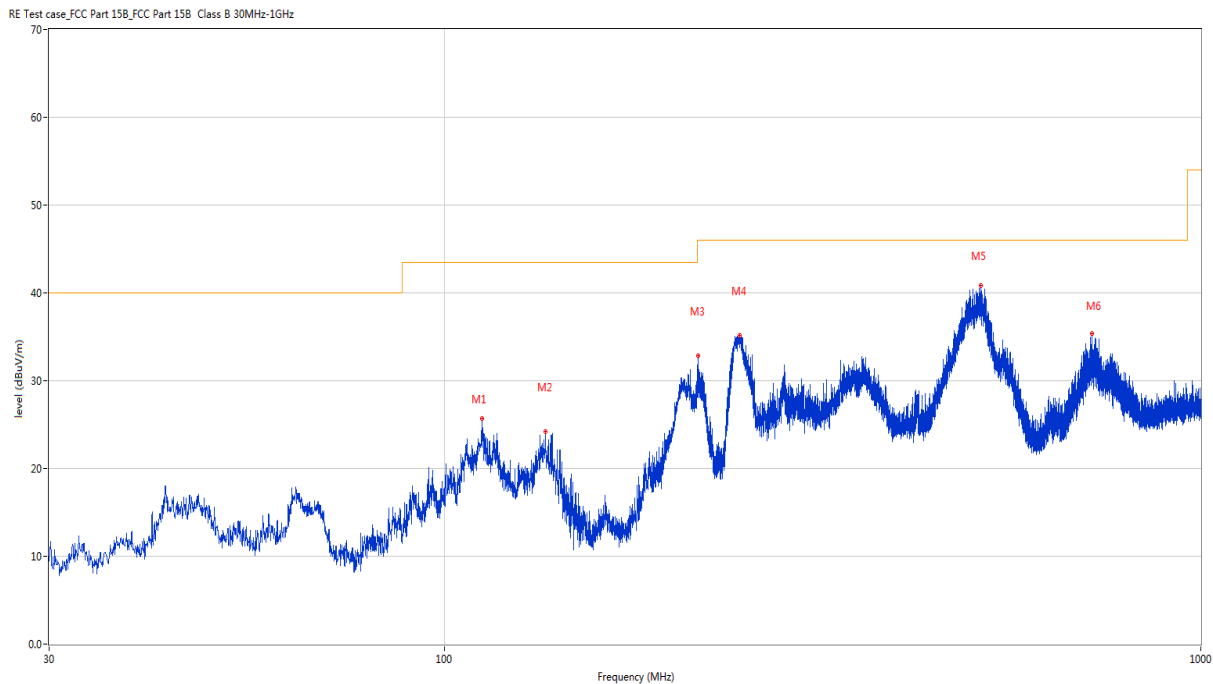
Note ³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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.

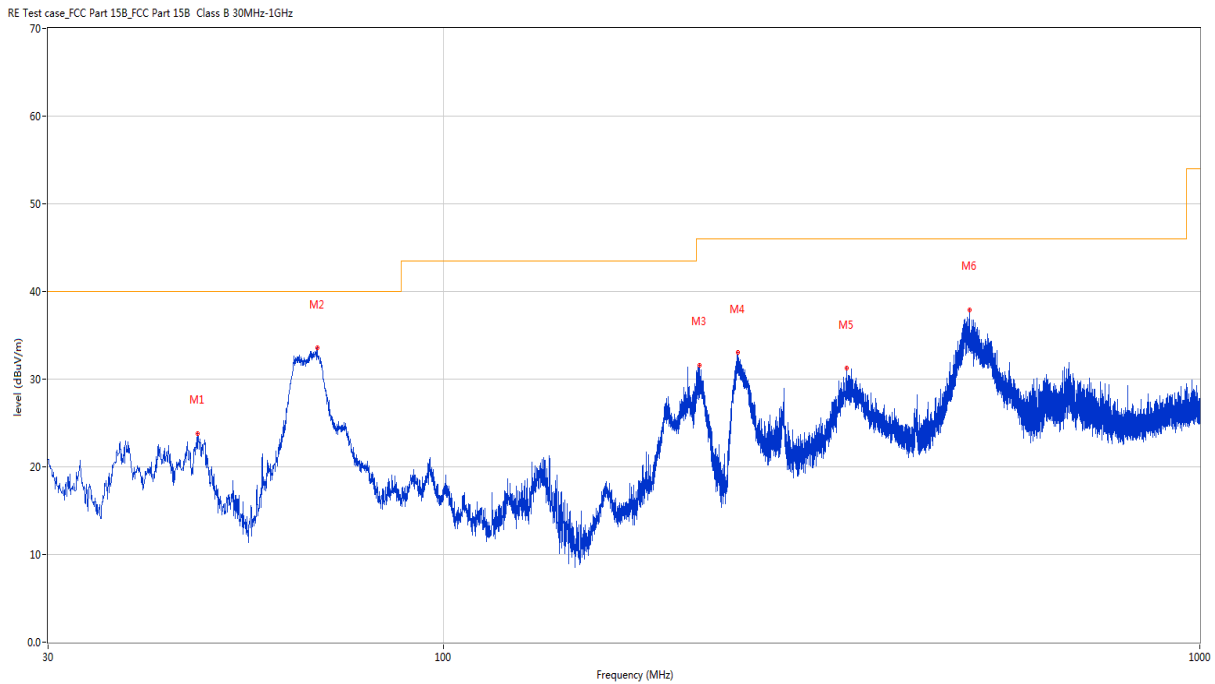
Test Data and Plots

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	112.159	25.70	-24.44	43.5	-17.80	Peak	360.00	200	Horizontal	Pass
2	136.021	24.24	-27.52	43.5	-19.26	Peak	178.70	200	Horizontal	Pass
3	216.386	32.87	-23.98	46.0	-13.13	Peak	15.00	100	Horizontal	Pass
4	245.534	35.18	-23.01	46.0	-10.82	Peak	15.00	100	Horizontal	Pass
5	511.993	40.89	-16.34	46.0	-5.11	Peak	360.00	200	Horizontal	Pass
6	718.652	35.32	-12.91	46.0	-10.68	Peak	298.40	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



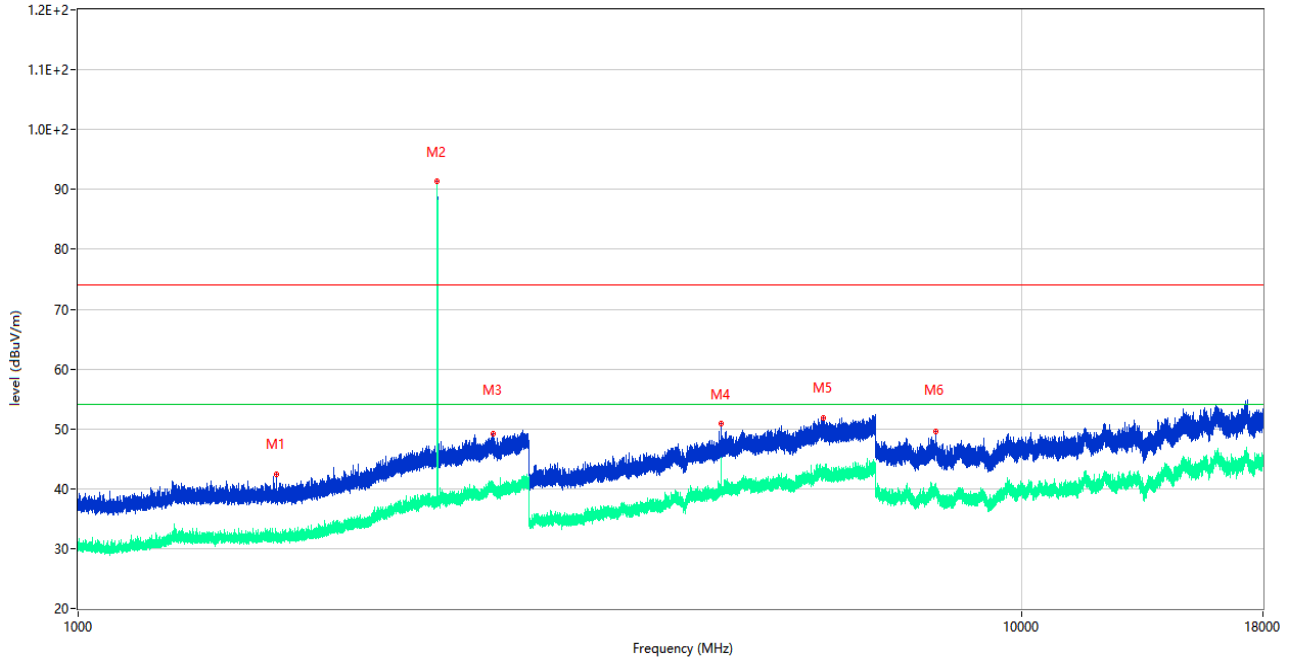
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.315	23.78	-22.81	40.0	-16.22	Peak	64.90	100	Vertical	Pass
2	68.121	33.57	-25.91	40.0	-6.43	Peak	69.60	100	Vertical	Pass
3	217.938	31.61	-24.12	46.0	-14.39	Peak	35.50	100	Vertical	Pass
4	245.000	33.01	-22.90	46.0	-12.99	Peak	79.00	100	Vertical	Pass
5	341.127	31.25	-20.03	46.0	-14.75	Peak	201.30	100	Vertical	Pass
6	495.649	37.86	-16.55	46.0	-8.14	Peak	121.50	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

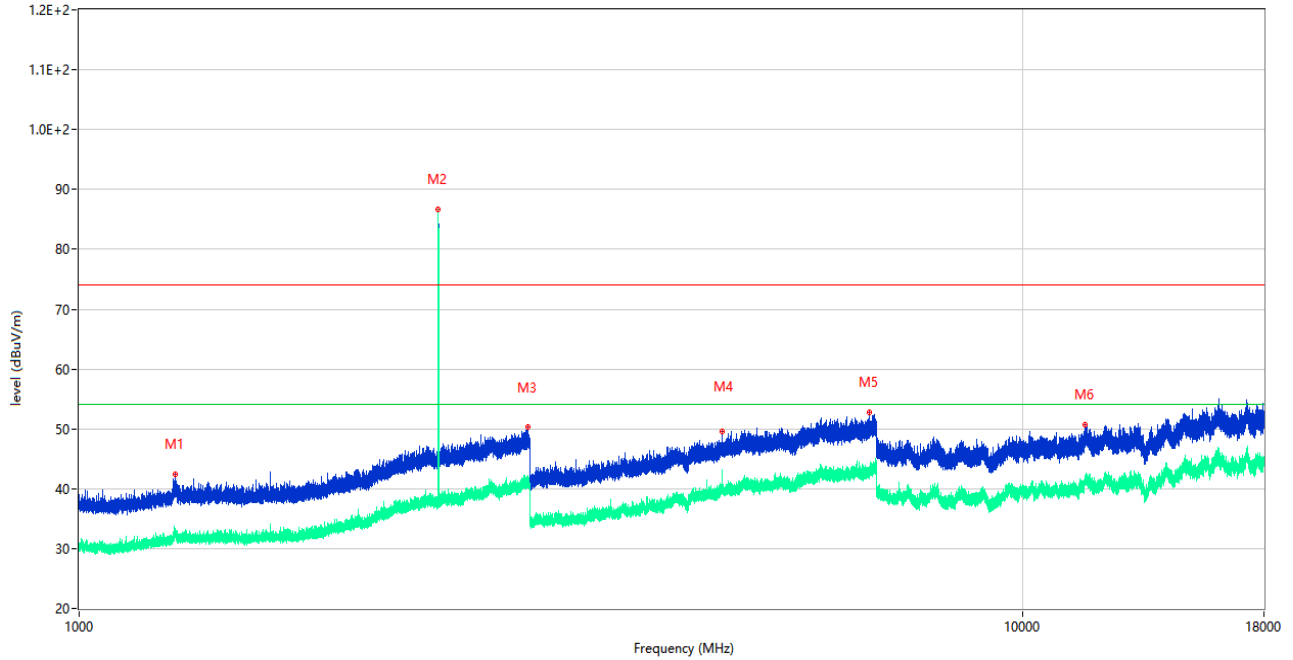
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.800	42.41	-17.76	74.0	-31.59	Peak	26.00	150	Horizontal	Pass
1**	1623.800	32.73	-17.76	54.0	-21.27	AV	26.00	150	Horizontal	Pass
2	2401.900	91.30	-13.35	74.0	17.30	Peak	91.00	150	Horizontal	N/A
2**	2401.900	90.86	-13.35	54.0	36.86	AV	91.00	150	Horizontal	N/A
3	2749.500	49.14	-10.82	74.0	-24.86	Peak	0.00	150	Horizontal	Pass
3**	2749.500	39.83	-10.82	54.0	-14.17	AV	0.00	150	Horizontal	Pass
4	4804.600	50.82	-3.48	74.0	-23.18	Peak	64.00	150	Horizontal	Pass
4**	4804.600	43.97	-3.48	54.0	-10.03	AV	64.00	150	Horizontal	Pass
5	6164.000	51.90	-1.76	74.0	-22.10	Peak	270.00	150	Horizontal	Pass
5**	6164.000	42.49	-1.76	54.0	-11.51	AV	270.00	150	Horizontal	Pass
6	8094.225	49.52	-0.89	74.0	-24.48	Peak	56.00	150	Horizontal	Pass
6**	8094.225	40.23	-0.89	54.0	-13.77	AV	56.00	150	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

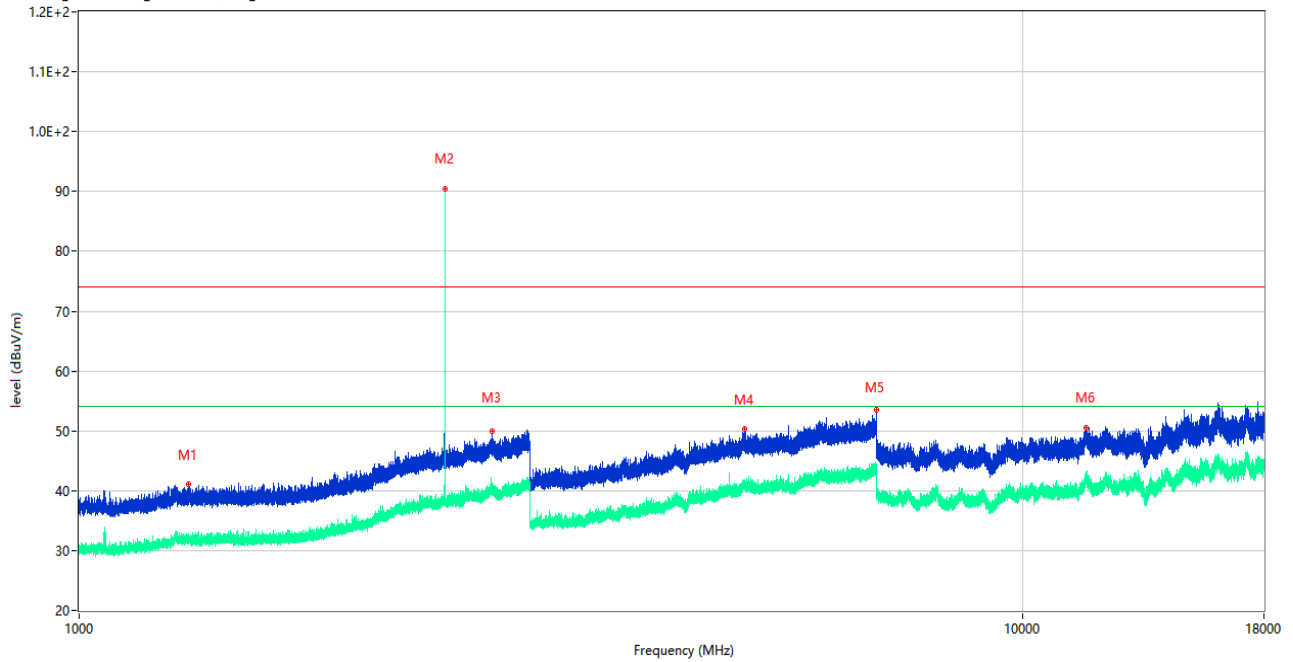
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1264.800	42.46	-17.74	74.0	-31.54	Peak	342.00	150	Vertical	Pass
1**	1264.800	32.30	-17.74	54.0	-21.70	AV	342.00	150	Vertical	Pass
2	2401.900	87.05	-13.35	74.0	13.05	Peak	292.00	150	Vertical	N/A
2**	2401.900	86.24	-13.35	54.0	32.24	AV	292.00	150	Vertical	N/A
3	2991.900	50.39	-10.21	74.0	-23.61	Peak	332.00	150	Vertical	Pass
3**	2991.900	41.17	-10.21	54.0	-12.83	AV	332.00	150	Vertical	Pass
4	4804.200	49.50	-3.48	74.0	-24.50	Peak	0.00	150	Vertical	Pass
4**	4804.200	42.58	-3.48	54.0	-11.42	AV	0.00	150	Vertical	Pass
5	6866.600	52.80	-1.05	74.0	-21.20	Peak	5.00	150	Vertical	Pass
5**	6866.600	42.86	-1.05	54.0	-11.14	AV	5.00	150	Vertical	Pass
6	11620.412	50.61	2.23	74.0	-23.39	Peak	107.00	150	Vertical	Pass
6**	11620.412	40.63	2.23	54.0	-13.37	AV	107.00	150	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

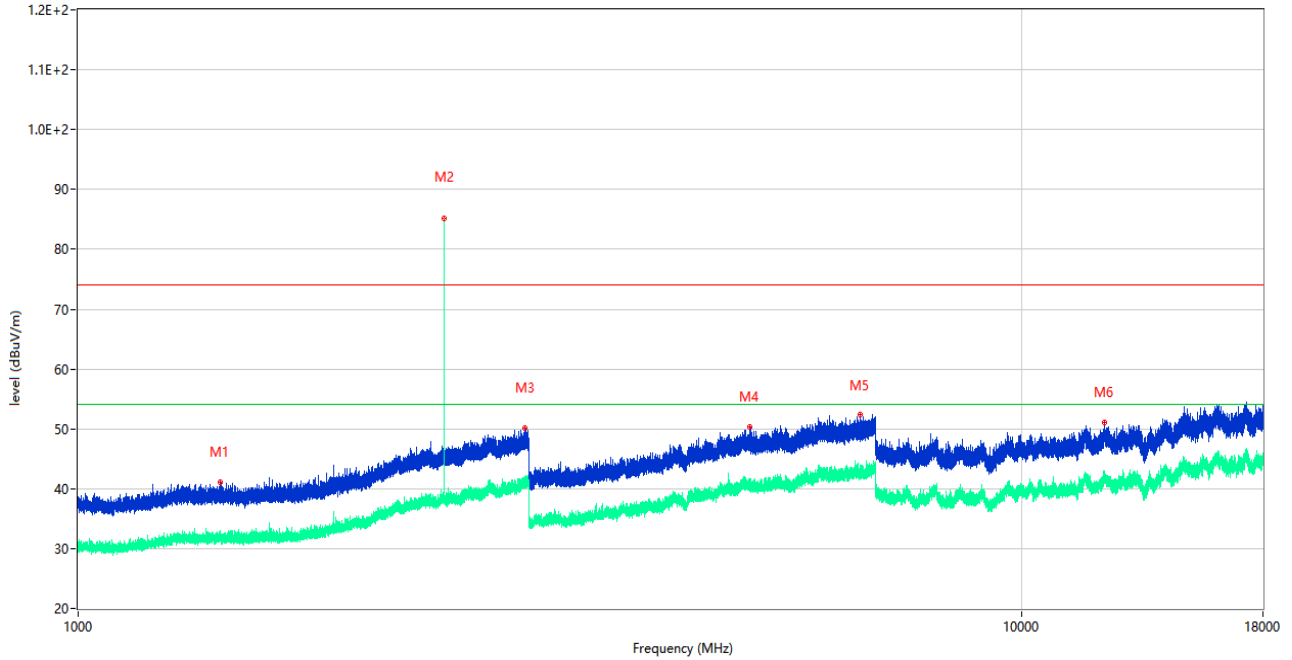
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1306.600	41.05	-17.47	74.0	-32.95	Peak	309.00	150	Horizontal	Pass
1**	1306.600	31.61	-17.47	54.0	-22.39	AV	309.00	150	Horizontal	Pass
2	2440.800	90.42	-12.46	74.0	16.42	Peak	117.00	150	Horizontal	N/A
2**	2440.800	89.82	-12.46	54.0	35.82	AV	117.00	150	Horizontal	N/A
3	2736.800	50.01	-10.76	74.0	-23.99	Peak	256.00	150	Horizontal	Pass
3**	2736.800	40.35	-10.76	54.0	-13.65	AV	256.00	150	Horizontal	Pass
4	5065.600	50.29	-2.96	74.0	-23.71	Peak	257.00	150	Horizontal	Pass
4**	5065.600	41.27	-2.96	54.0	-12.73	AV	257.00	150	Horizontal	Pass
5	6991.800	53.48	-0.43	74.0	-20.52	Peak	236.00	150	Horizontal	Pass
5**	6991.800	43.35	-0.43	54.0	-10.65	AV	236.00	150	Horizontal	Pass
6	11662.675	50.43	2.51	74.0	-23.57	Peak	179.00	150	Horizontal	Pass
6**	11662.675	41.98	2.51	54.0	-12.02	AV	179.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

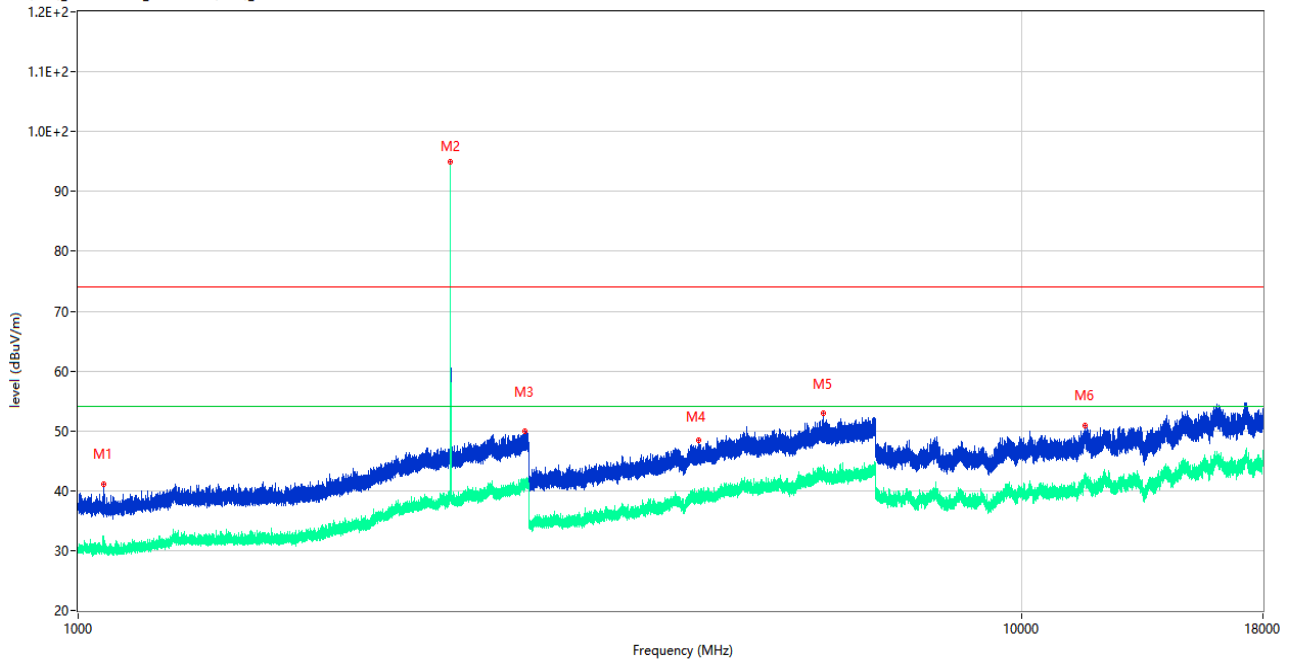
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1412.700	41.17	-17.47	74.0	-32.83	Peak	24.00	150	Vertical	Pass
1**	1412.700	32.73	-17.47	54.0	-21.27	AV	24.00	150	Vertical	Pass
2	2440.900	85.46	-12.47	74.0	11.46	Peak	286.00	150	Vertical	N/A
2**	2440.900	84.93	-12.47	54.0	30.93	AV	286.00	150	Vertical	N/A
3	2977.400	50.21	-10.40	74.0	-23.79	Peak	57.00	150	Vertical	Pass
3**	2977.400	41.16	-10.40	54.0	-12.84	AV	57.00	150	Vertical	Pass
4	5144.800	50.31	-3.19	74.0	-23.69	Peak	41.00	150	Vertical	Pass
4**	5144.800	39.93	-3.19	54.0	-14.07	AV	41.00	150	Vertical	Pass
5	6741.600	52.37	-1.25	74.0	-21.63	Peak	324.00	150	Vertical	Pass
5**	6741.600	42.10	-1.25	54.0	-11.90	AV	324.00	150	Vertical	Pass
6	12235.088	51.11	2.63	74.0	-22.89	Peak	0.00	150	Vertical	Pass
6**	12235.088	42.34	2.63	54.0	-11.66	AV	0.00	150	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

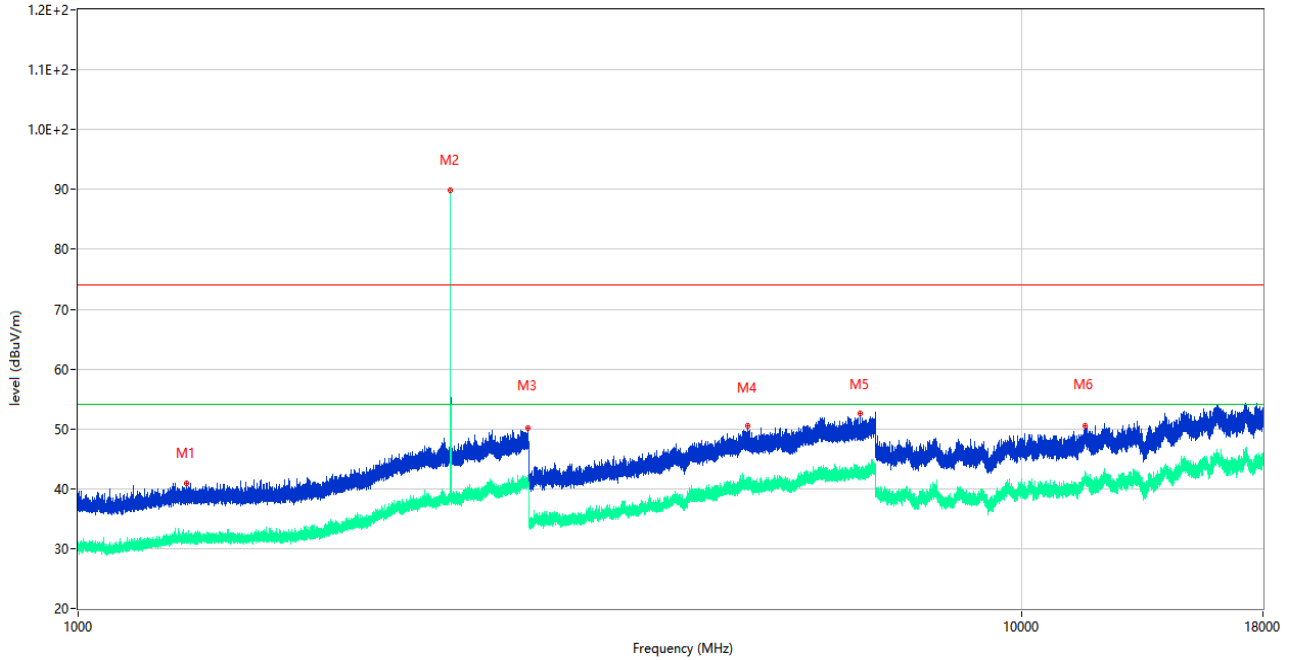
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.200	41.17	-18.59	74.0	-32.83	Peak	10.00	150	Horizontal	Pass
1**	1064.200	30.94	-18.59	54.0	-23.06	AV	10.00	150	Horizontal	Pass
2	2479.800	95.00	-12.83	74.0	21.00	Peak	92.00	150	Horizontal	N/A
2**	2479.800	93.86	-12.83	54.0	39.86	AV	92.00	150	Horizontal	N/A
3	2975.400	49.98	-10.42	74.0	-24.02	Peak	304.00	150	Horizontal	Pass
3**	2975.400	41.83	-10.42	54.0	-12.17	AV	304.00	150	Horizontal	Pass
4	4546.000	48.35	-4.24	74.0	-25.65	Peak	225.00	150	Horizontal	Pass
4**	4546.000	39.87	-4.24	54.0	-14.13	AV	225.00	150	Horizontal	Pass
5	6152.000	52.91	-1.66	74.0	-21.09	Peak	0.00	150	Horizontal	Pass
5**	6152.000	42.56	-1.66	54.0	-11.44	AV	0.00	150	Horizontal	Pass
6	11661.237	50.80	2.51	74.0	-23.20	Peak	4.00	150	Horizontal	Pass
6**	11661.237	42.15	2.51	54.0	-11.85	AV	4.00	150	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

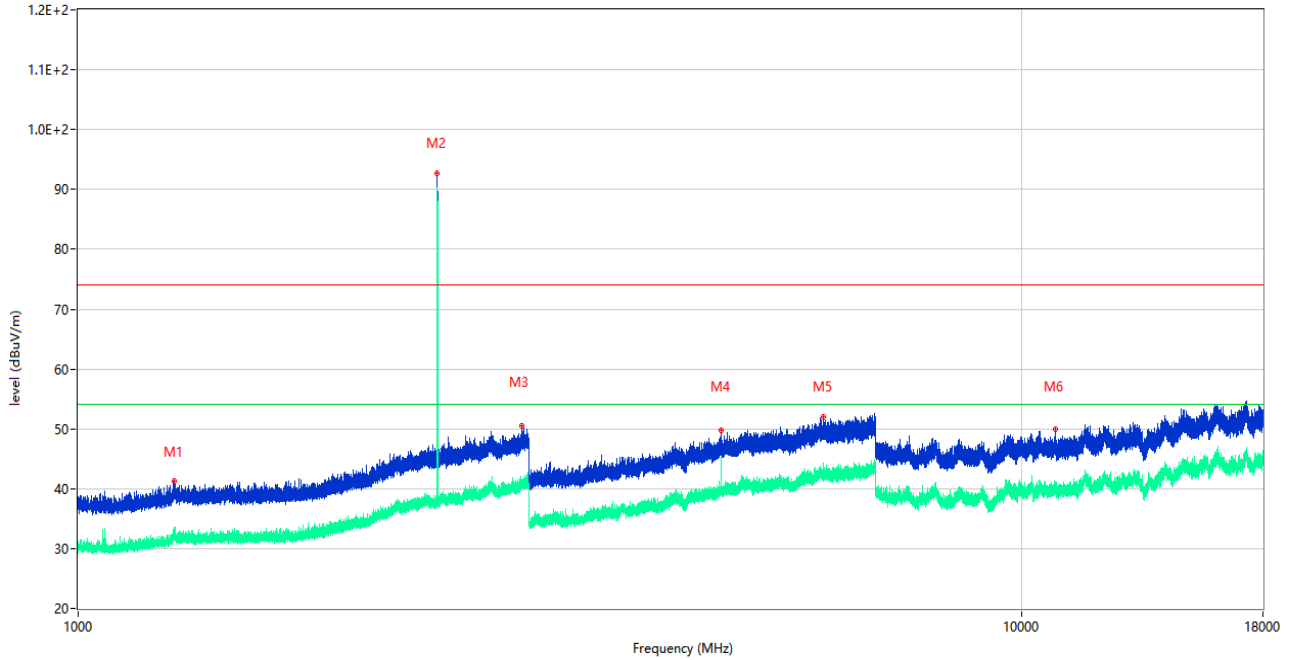
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.800	40.92	-17.46	74.0	-33.08	Peak	360.00	150	Vertical	Pass
1**	1302.800	31.87	-17.46	54.0	-22.13	AV	360.00	150	Vertical	Pass
2	2480.000	90.11	-12.83	74.0	16.11	Peak	320.00	150	Vertical	N/A
2**	2480.000	89.74	-12.83	54.0	35.74	AV	320.00	150	Vertical	N/A
3	2995.500	50.07	-10.10	74.0	-23.93	Peak	274.00	150	Vertical	Pass
3**	2995.500	40.84	-10.10	54.0	-13.16	AV	274.00	150	Vertical	Pass
4	5123.000	50.56	-3.13	74.0	-23.44	Peak	360.00	150	Vertical	Pass
4**	5123.000	40.09	-3.13	54.0	-13.91	AV	360.00	150	Vertical	Pass
5	6738.400	52.60	-1.19	74.0	-21.40	Peak	66.00	150	Vertical	Pass
5**	6738.400	42.76	-1.19	54.0	-11.24	AV	66.00	150	Vertical	Pass
6	11669.000	50.42	2.48	74.0	-23.58	Peak	282.00	150	Vertical	Pass
6**	11669.000	41.66	2.48	54.0	-12.34	AV	282.00	150	Vertical	Pass

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

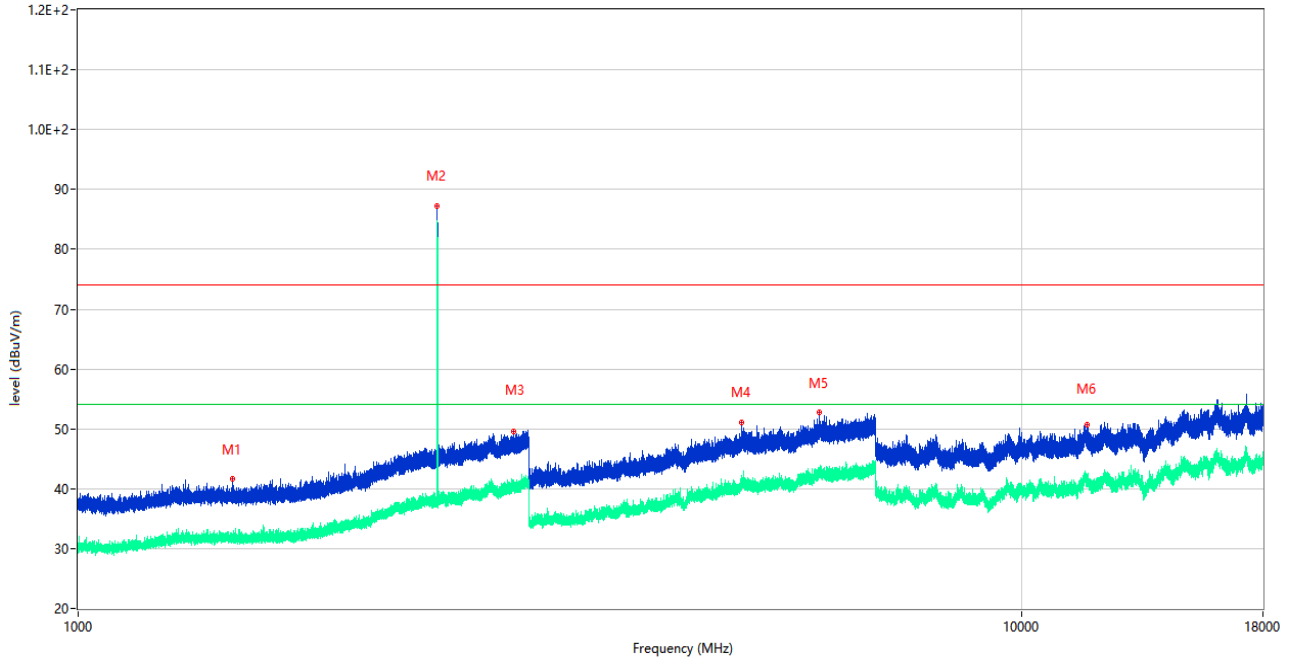
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1264.600	41.23	-17.75	74.0	-32.77	Peak	0.00	150	Horizontal	Pass
1**	1264.600	31.83	-17.75	54.0	-22.17	AV	0.00	150	Horizontal	Pass
2	2402.200	92.70	-13.34	74.0	18.70	Peak	87.00	150	Horizontal	N/A
2**	2402.200	90.23	-13.34	54.0	36.23	AV	87.00	150	Horizontal	N/A
3	2955.000	50.50	-10.25	74.0	-23.50	Peak	135.00	150	Horizontal	Pass
3**	2955.000	40.81	-10.25	54.0	-13.19	AV	135.00	150	Horizontal	Pass
4	4804.600	49.75	-3.48	74.0	-24.25	Peak	325.00	150	Horizontal	Pass
4**	4804.600	42.76	-3.48	54.0	-11.24	AV	325.00	150	Horizontal	Pass
5	6161.200	52.04	-1.73	74.0	-21.96	Peak	264.00	150	Horizontal	Pass
5**	6161.200	42.87	-1.73	54.0	-11.13	AV	264.00	150	Horizontal	Pass
6	10842.438	49.98	0.21	74.0	-24.02	Peak	67.00	150	Horizontal	Pass
6**	10842.438	40.25	0.21	54.0	-13.75	AV	67.00	150	Horizontal	Pass

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

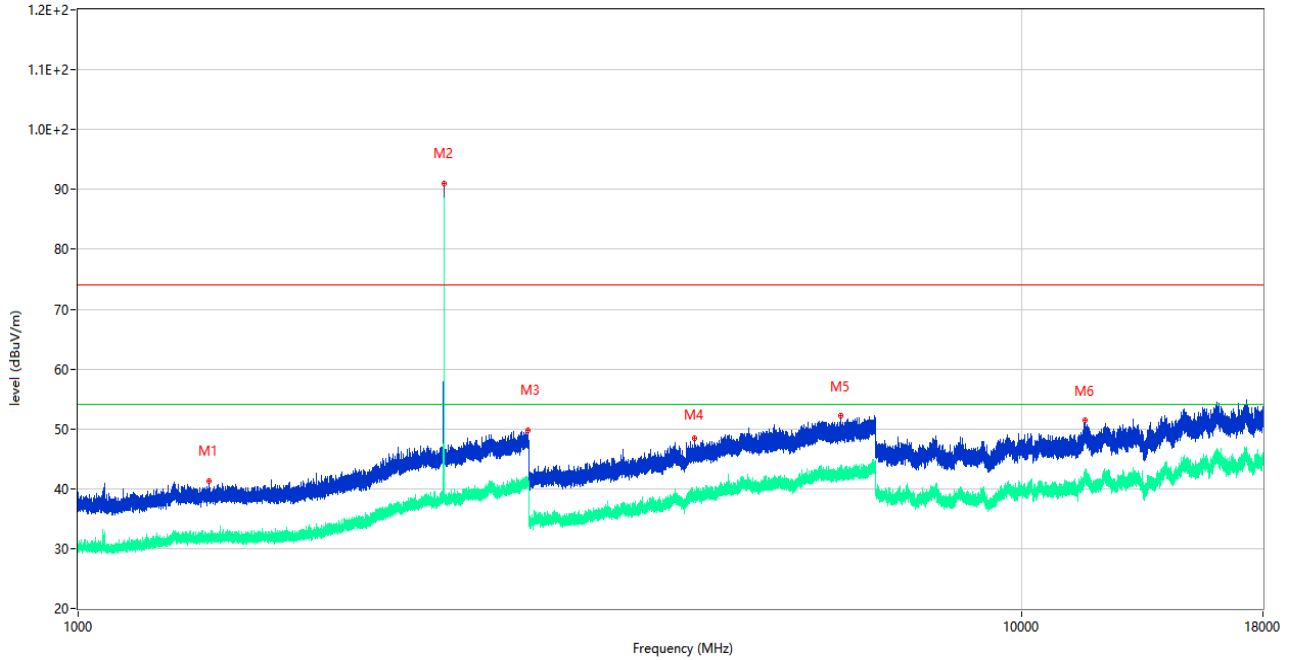
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.200	41.62	-17.67	74.0	-32.38	Peak	229.00	150	Vertical	Pass
1**	1458.200	32.41	-17.67	54.0	-21.59	AV	229.00	150	Vertical	Pass
2	2402.300	87.29	-13.34	74.0	13.29	Peak	156.00	150	Vertical	N/A
2**	2402.300	84.43	-13.34	54.0	30.43	AV	156.00	150	Vertical	N/A
3	2892.900	49.52	-9.89	74.0	-24.48	Peak	46.00	150	Vertical	Pass
3**	2892.900	40.83	-9.89	54.0	-13.17	AV	46.00	150	Vertical	Pass
4	5050.200	51.14	-2.94	74.0	-22.86	Peak	58.00	150	Vertical	Pass
4**	5050.200	41.47	-2.94	54.0	-12.53	AV	58.00	150	Vertical	Pass
5	6098.800	52.71	-1.45	74.0	-21.29	Peak	295.00	150	Vertical	Pass
5**	6098.800	43.40	-1.45	54.0	-10.60	AV	295.00	150	Vertical	Pass
6	11717.012	50.70	2.04	74.0	-23.30	Peak	264.00	150	Vertical	Pass
6**	11717.012	41.58	2.04	54.0	-12.42	AV	264.00	150	Vertical	Pass

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

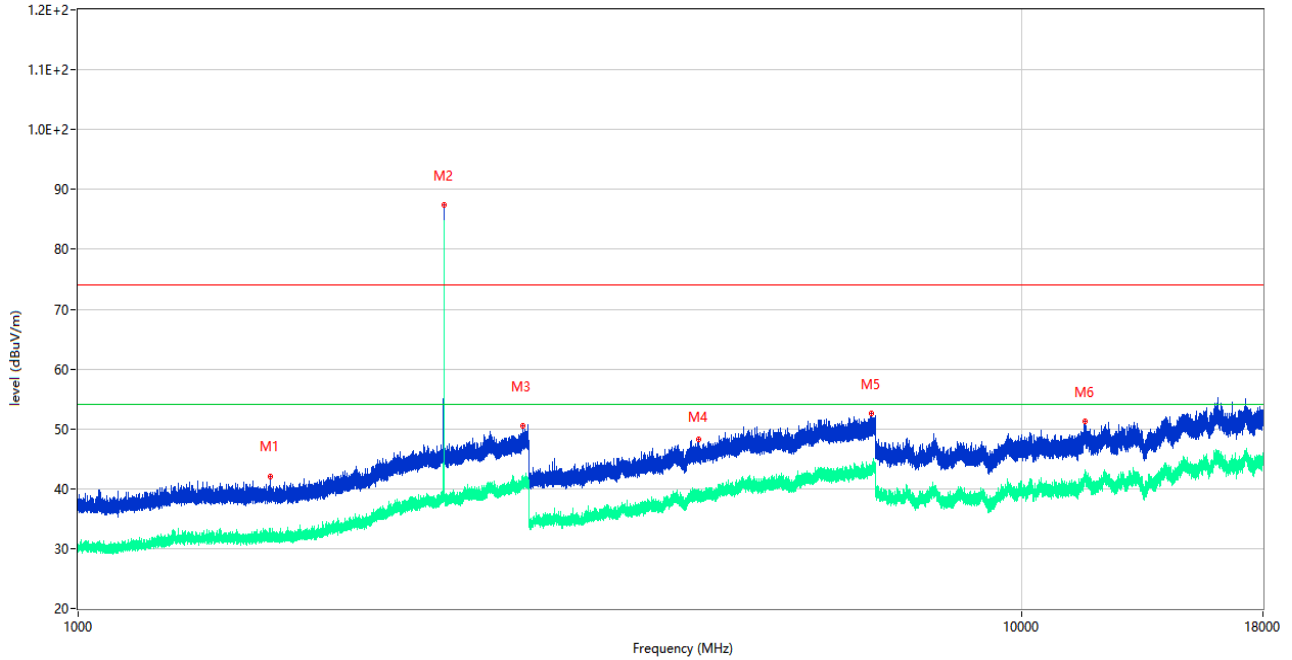
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.700	41.33	-17.56	74.0	-32.67	Peak	360.00	150	Horizontal	Pass
1**	1377.700	32.13	-17.56	54.0	-21.87	AV	360.00	150	Horizontal	Pass
2	2440.900	91.05	-12.47	74.0	17.05	Peak	120.00	150	Horizontal	N/A
2**	2440.900	88.36	-12.47	54.0	34.36	AV	120.00	150	Horizontal	N/A
3	2994.900	49.77	-10.07	74.0	-24.23	Peak	248.00	150	Horizontal	Pass
3**	2994.900	40.46	-10.07	54.0	-13.54	AV	248.00	150	Horizontal	Pass
4	4496.200	48.34	-4.38	74.0	-25.66	Peak	255.00	150	Horizontal	Pass
4**	4496.200	38.30	-4.38	54.0	-15.70	AV	255.00	150	Horizontal	Pass
5	6432.800	52.14	-1.82	74.0	-21.86	Peak	269.00	150	Horizontal	Pass
5**	6432.800	42.57	-1.82	54.0	-11.43	AV	269.00	150	Horizontal	Pass
6	11669.287	51.39	2.48	74.0	-22.61	Peak	11.00	150	Horizontal	Pass
6**	11669.287	42.49	2.48	54.0	-11.51	AV	11.00	150	Horizontal	Pass

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

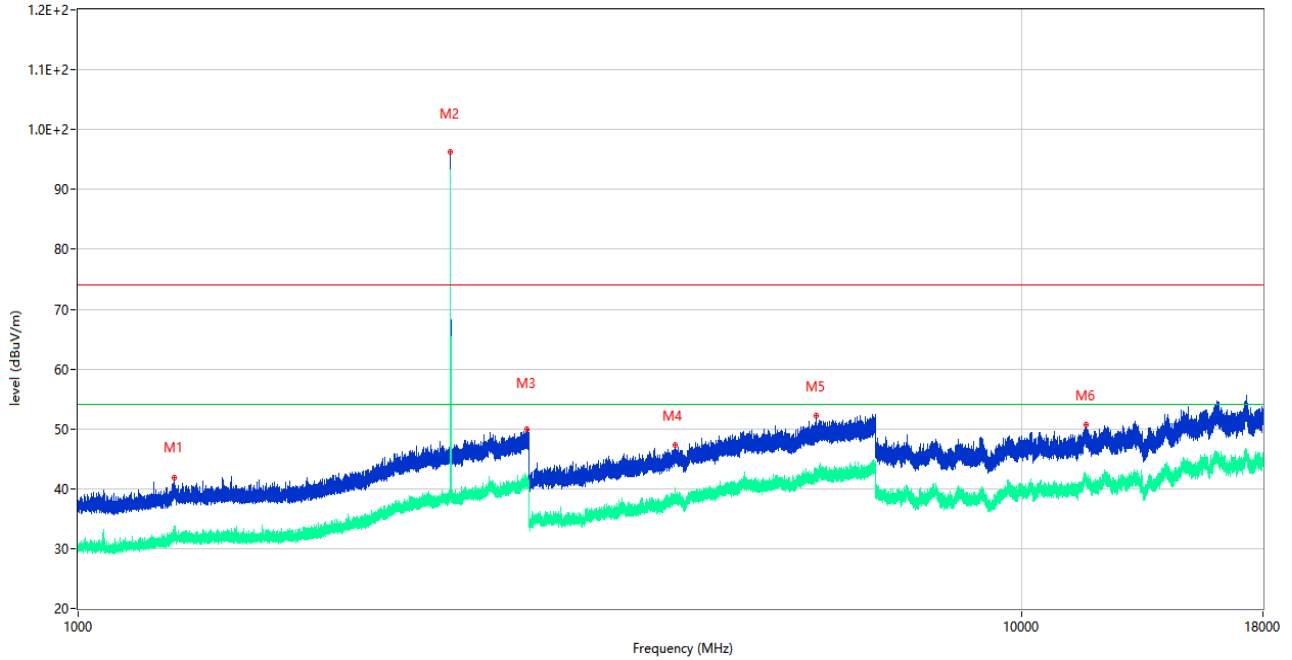
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.300	42.11	-17.82	74.0	-31.89	Peak	163.00	150	Vertical	Pass
1**	1596.300	33.37	-17.82	54.0	-20.63	AV	163.00	150	Vertical	Pass
2	2440.900	87.46	-12.47	74.0	13.46	Peak	351.00	150	Vertical	N/A
2**	2440.900	84.34	-12.47	54.0	30.34	AV	351.00	150	Vertical	N/A
3	2955.800	50.44	-10.22	74.0	-23.56	Peak	0.00	150	Vertical	Pass
3**	2955.800	40.75	-10.22	54.0	-13.25	AV	0.00	150	Vertical	Pass
4	4549.000	48.17	-4.18	74.0	-25.83	Peak	314.00	150	Vertical	Pass
4**	4549.000	38.19	-4.18	54.0	-15.81	AV	314.00	150	Vertical	Pass
5	6922.400	52.57	-0.30	74.0	-21.43	Peak	200.00	150	Vertical	Pass
5**	6922.400	42.82	-0.30	54.0	-11.18	AV	200.00	150	Vertical	Pass
6	11664.113	51.23	2.50	74.0	-22.77	Peak	236.00	150	Vertical	Pass
6**	11664.113	42.31	2.50	54.0	-11.69	AV	236.00	150	Vertical	Pass

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

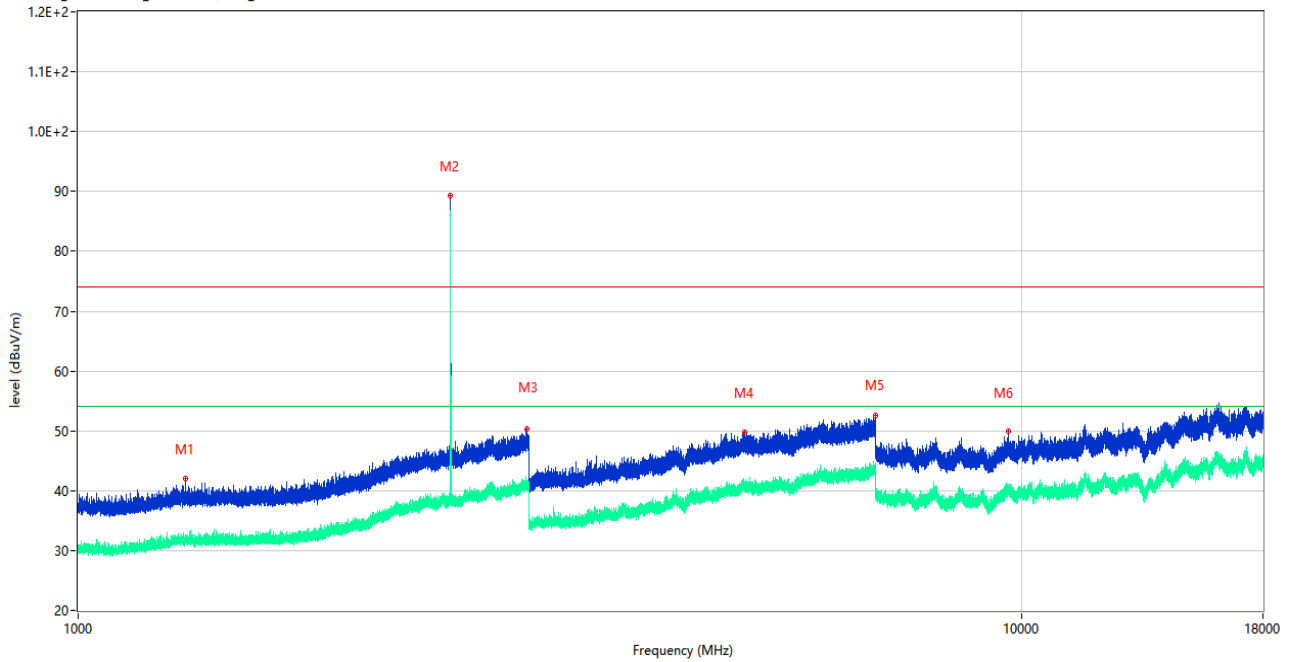
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1265.000	41.94	-17.73	74.0	-32.06	Peak	1.00	150	Horizontal	Pass
1**	1265.000	32.36	-17.73	54.0	-21.64	AV	1.00	150	Horizontal	Pass
2	2479.800	96.23	-12.83	74.0	22.23	Peak	91.00	150	Horizontal	N/A
2**	2479.800	92.93	-12.83	54.0	38.93	AV	91.00	150	Horizontal	N/A
3	2990.500	49.91	-10.23	74.0	-24.09	Peak	336.00	150	Horizontal	Pass
3**	2990.500	40.81	-10.23	54.0	-13.19	AV	336.00	150	Horizontal	Pass
4	4293.000	47.36	-4.77	74.0	-26.64	Peak	255.00	150	Horizontal	Pass
4**	4293.000	38.48	-4.77	54.0	-15.52	AV	255.00	150	Horizontal	Pass
5	6050.800	52.14	-1.88	74.0	-21.86	Peak	136.00	150	Horizontal	Pass
5**	6050.800	41.97	-1.88	54.0	-12.03	AV	136.00	150	Horizontal	Pass
6	11681.075	50.62	2.43	74.0	-23.38	Peak	270.00	150	Horizontal	Pass
6**	11681.075	41.52	2.43	54.0	-12.48	AV	270.00	150	Horizontal	Pass

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

RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1297.900	42.01	-17.53	74.0	-31.99	Peak	220.00	150	Vertical	Pass
1**	1297.900	31.60	-17.53	54.0	-22.40	AV	220.00	150	Vertical	Pass
2	2480.000	89.22	-12.83	74.0	15.22	Peak	326.00	150	Vertical	N/A
2**	2480.000	86.64	-12.83	54.0	32.64	AV	326.00	150	Vertical	N/A
3	2985.200	50.40	-10.16	74.0	-23.60	Peak	141.00	150	Vertical	Pass
3**	2985.200	40.74	-10.16	54.0	-13.26	AV	141.00	150	Vertical	Pass
4	5077.200	49.66	-3.08	74.0	-24.34	Peak	200.00	150	Vertical	Pass
4**	5077.200	40.39	-3.08	54.0	-13.61	AV	200.00	150	Vertical	Pass
5	6987.600	52.50	-0.48	74.0	-21.50	Peak	9.00	150	Vertical	Pass
5**	6987.600	43.63	-0.48	54.0	-10.37	AV	9.00	150	Vertical	Pass
6	9668.575	49.95	1.03	74.0	-24.05	Peak	187.00	150	Vertical	Pass
6**	9668.575	40.00	1.03	54.0	-14.00	AV	187.00	150	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.

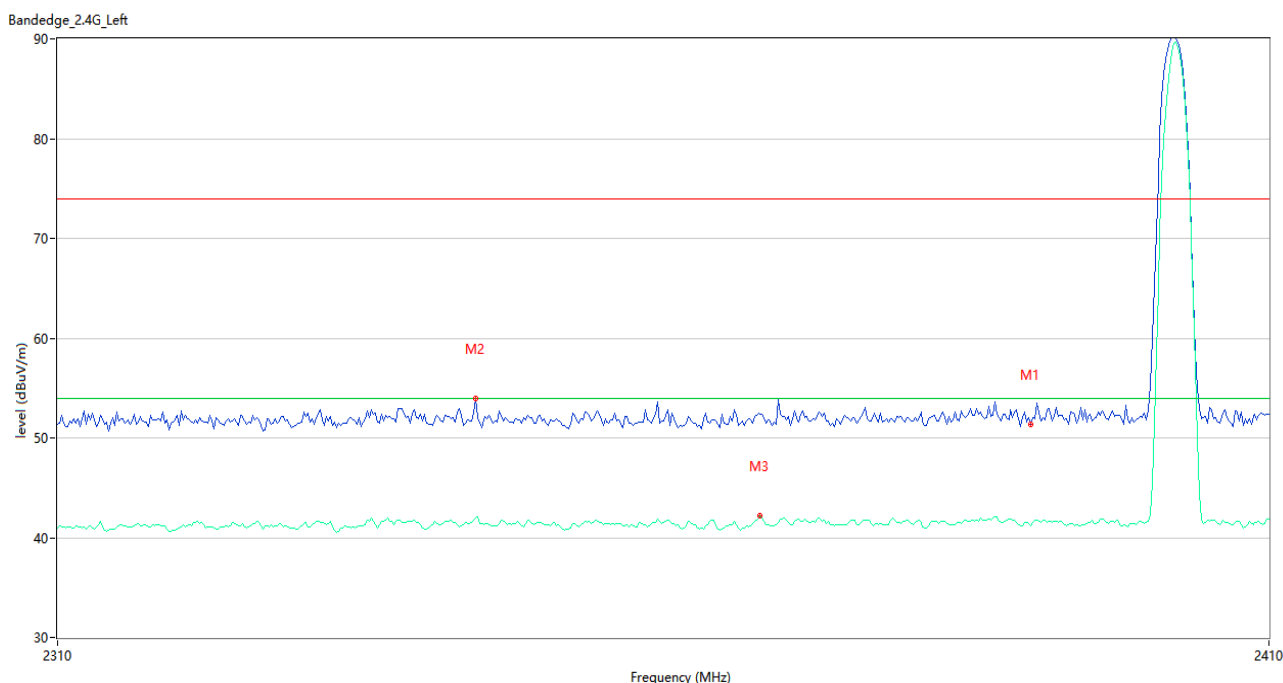
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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.

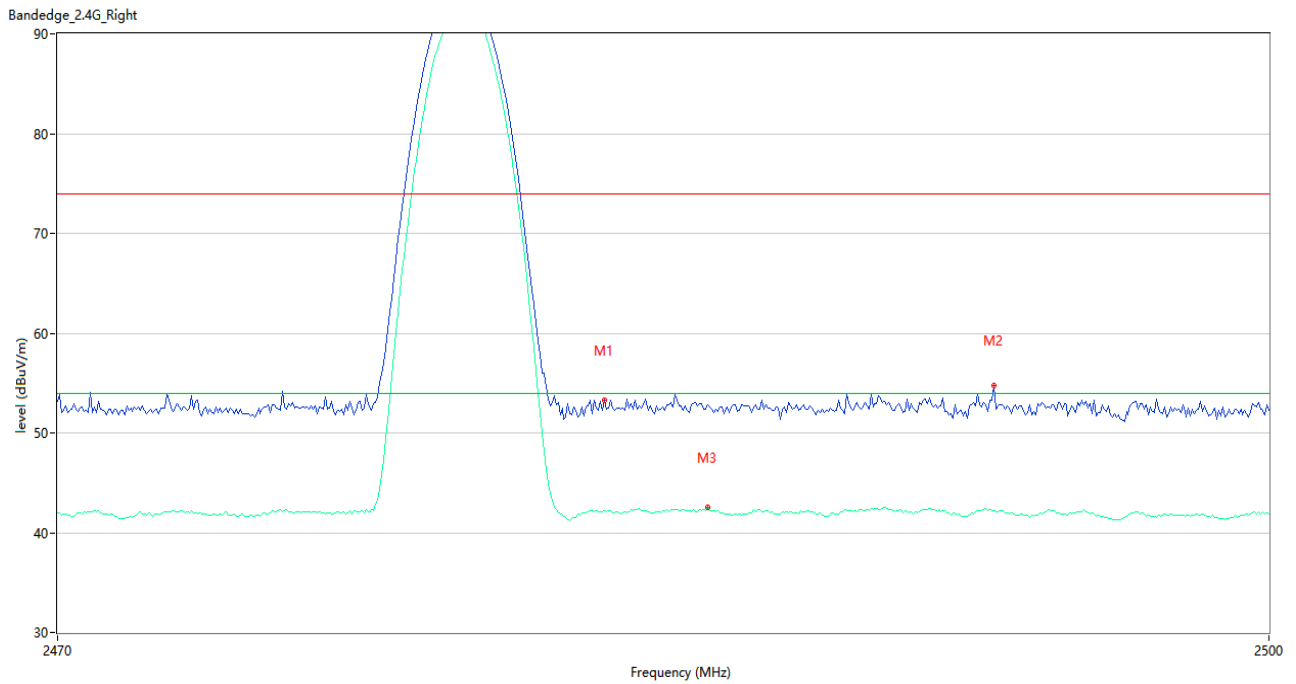
Test Data and Plots

GFSK LOW CHANNEL



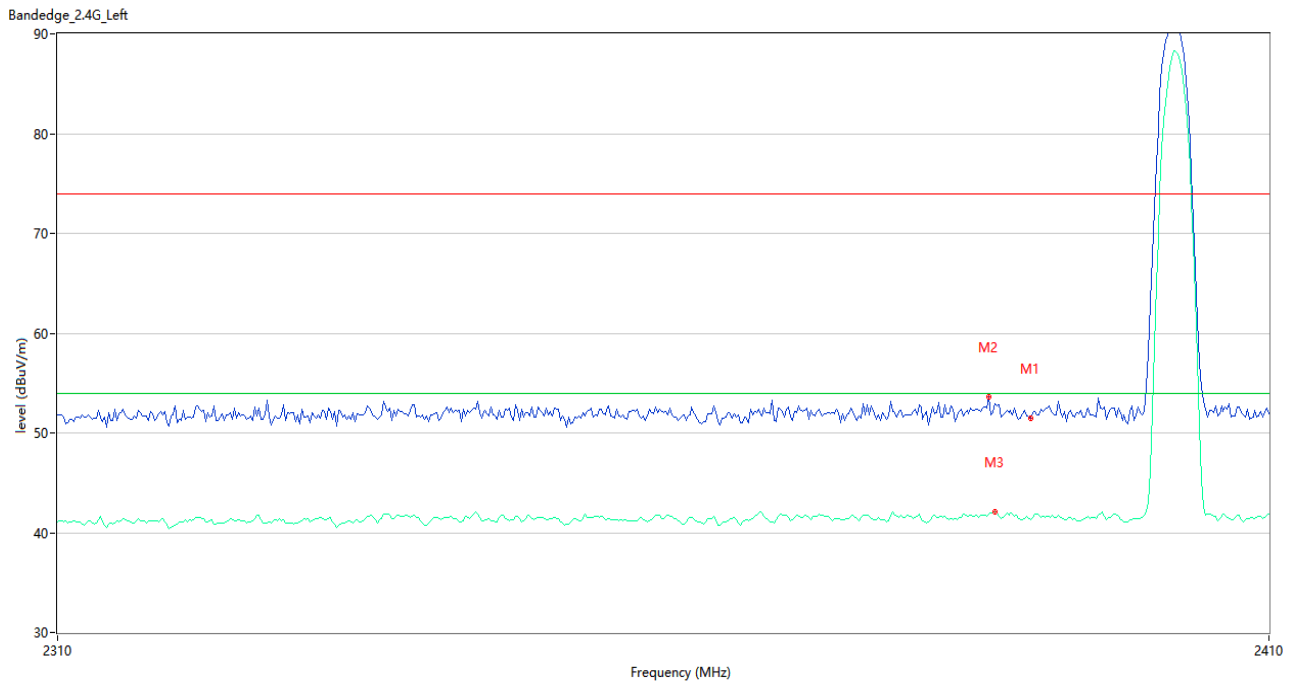
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.33	-3.52	74.0	-22.67	Peak	84.00	150	Horizontal	Pass
1**	2390.000	41.23	-3.52	54.0	-12.77	AV	84.00	150	Horizontal	Pass
2	2344.000	53.96	-2.53	74.0	-20.04	Peak	37.00	150	Horizontal	Pass
2**	2344.000	41.94	-2.53	54.0	-12.06	AV	37.00	150	Horizontal	Pass
3	2367.500	52.42	-2.49	74.0	-21.58	Peak	360.00	150	Horizontal	Pass
3**	2367.500	42.15	-2.49	54.0	-11.85	AV	360.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



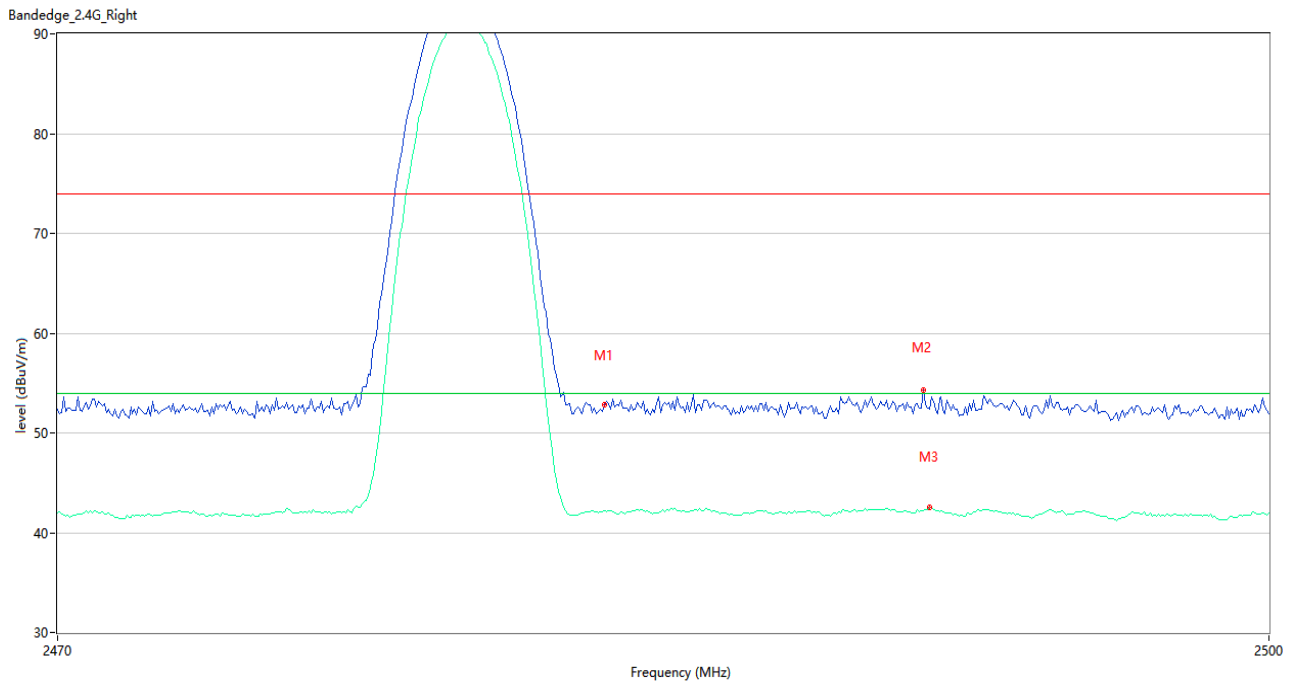
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.32	-2.54	74.0	-20.68	Peak	323.00	150	Horizontal	Pass
1**	2483.500	42.22	-2.54	54.0	-11.78	AV	323.00	150	Horizontal	Pass
2	2493.150	54.78	-2.51	74.0	-19.22	Peak	247.00	150	Horizontal	Pass
2**	2493.150	42.17	-2.51	54.0	-11.83	AV	247.00	150	Horizontal	Pass
3	2486.050	52.87	-2.38	74.0	-21.13	Peak	41.00	150	Horizontal	Pass
3**	2486.050	42.52	-2.38	54.0	-11.48	AV	41.00	150	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	2390.000	51.45	-3.52	74.0	-22.55	Peak	251.00	150	Horizontal	Pass
1**	2390.000	41.30	-3.52	54.0	-12.70	AV	251.00	150	Horizontal	Pass
2	2386.500	53.63	-2.91	74.0	-20.37	Peak	255.00	150	Horizontal	Pass
2**	2386.500	41.81	-2.91	54.0	-12.19	AV	255.00	150	Horizontal	Pass
3	2387.000	52.95	-2.66	74.0	-21.05	Peak	186.00	150	Horizontal	Pass
3**	2387.000	42.11	-2.66	54.0	-11.89	AV	186.00	150	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	2483.500	52.87	-2.54	74.0	-21.13	Peak	88.00	150	Horizontal	Pass
1**	2483.500	42.17	-2.54	54.0	-11.83	AV	88.00	150	Horizontal	Pass
2	2491.400	54.24	-2.45	74.0	-19.76	Peak	246.00	150	Horizontal	Pass
2**	2491.400	42.20	-2.45	54.0	-11.80	AV	246.00	150	Horizontal	Pass
3	2491.550	52.32	-2.32	74.0	-21.68	Peak	358.00	150	Horizontal	Pass
3**	2491.550	42.50	-2.32	54.0	-11.50	AV	358.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2260455-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2260455-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2260455-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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5. The test data and results are only valid for the tested samples provided by the customer.
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7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--