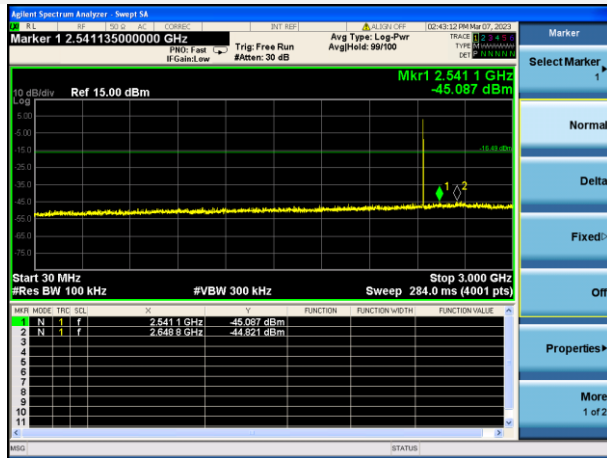
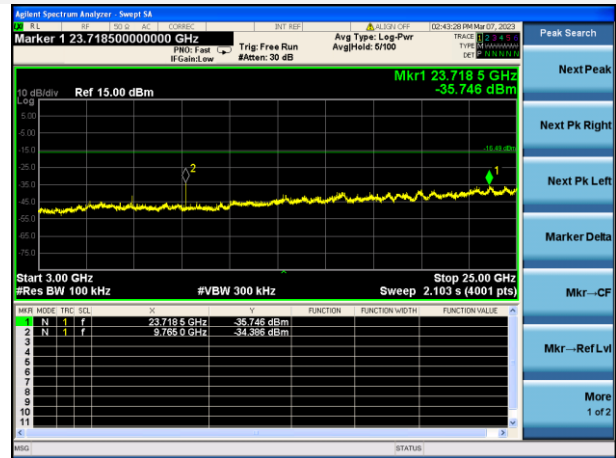


GFSK MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



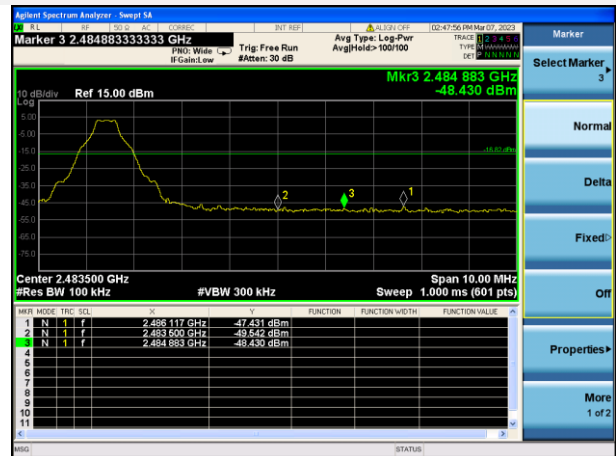
GFSK MIDDLE CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz



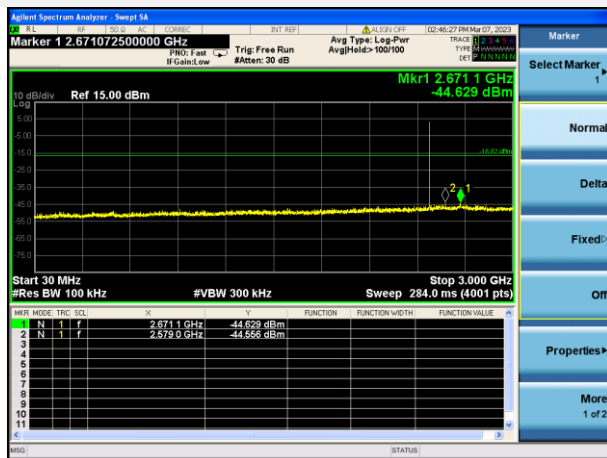
GFSK HIGH CHANNEL, CARRIER LEVEL



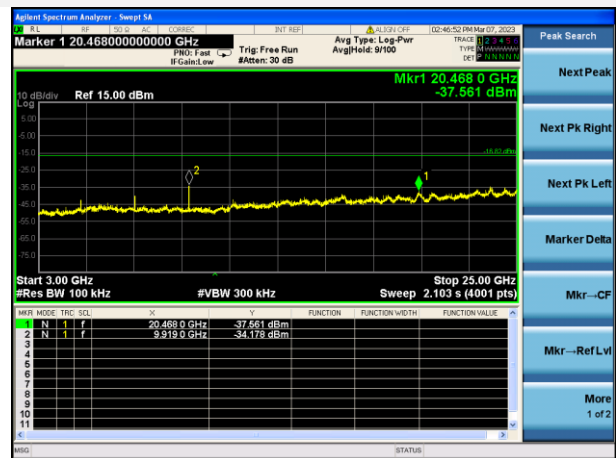
GFSK HIGH CHANNEL, BAND EDGE



GFSK HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



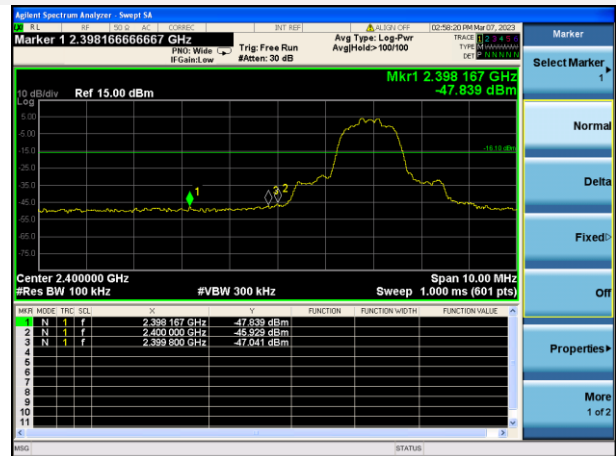
GFSK HIGH CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

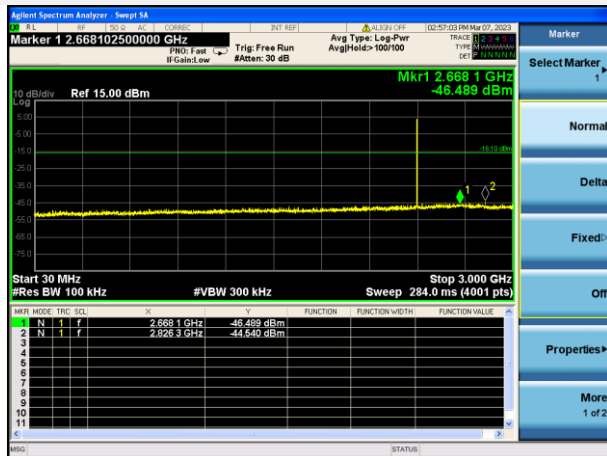


8-DPSK LOW CHANNEL, BAND EDGE



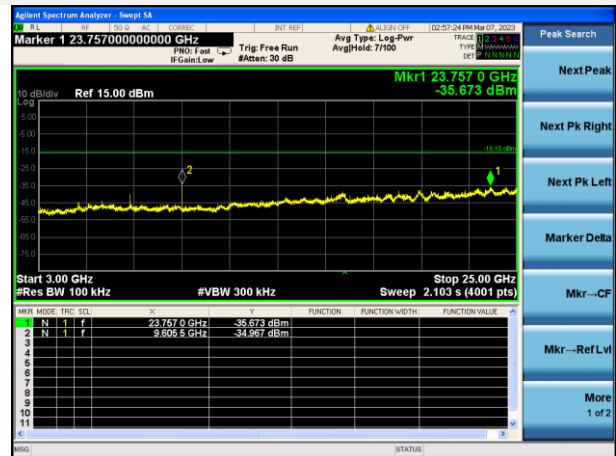
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz



8-DPSK LOW CHANNEL, SPURIOUS

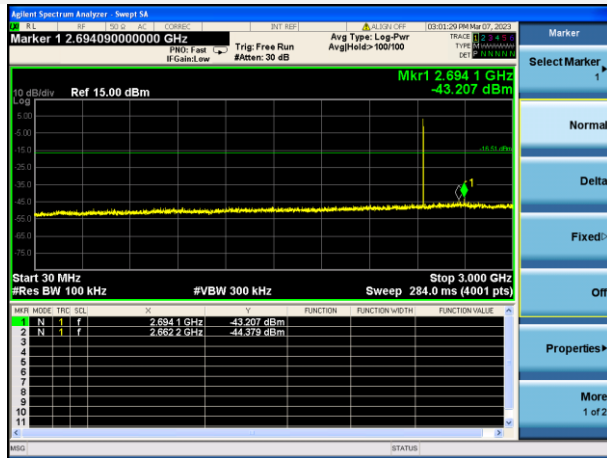
3 GHz ~ 25 GHz



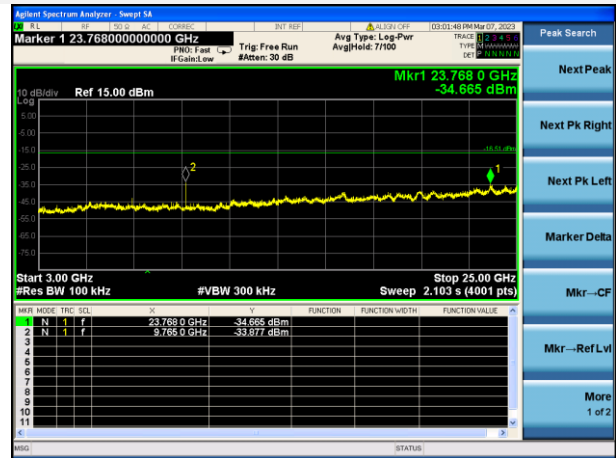
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



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



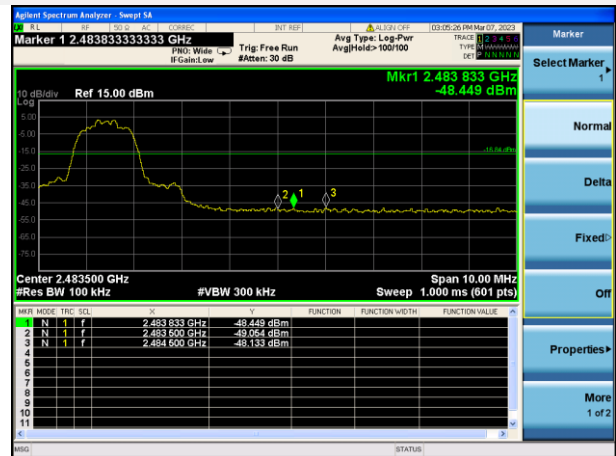
8-DPSK MIDDLE CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz



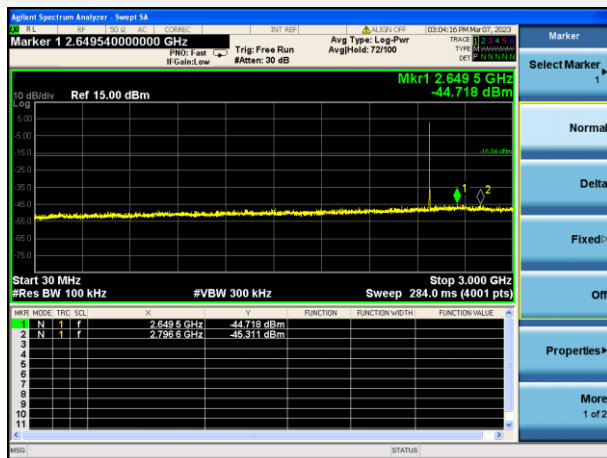
8-DPSK HIGH CHANNEL, CARRIER LEVEL



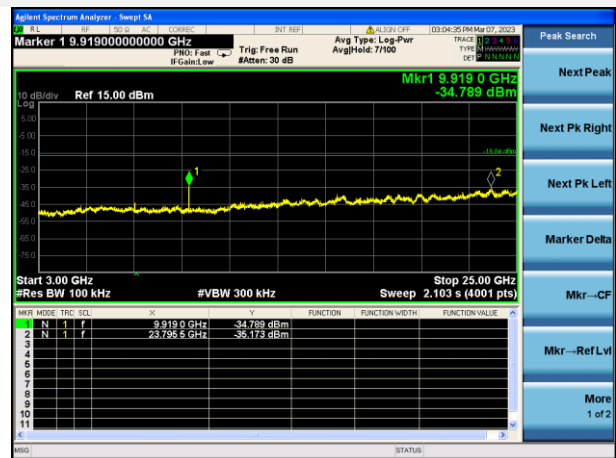
8-DPSK HIGH CHANNEL, BAND EDGE



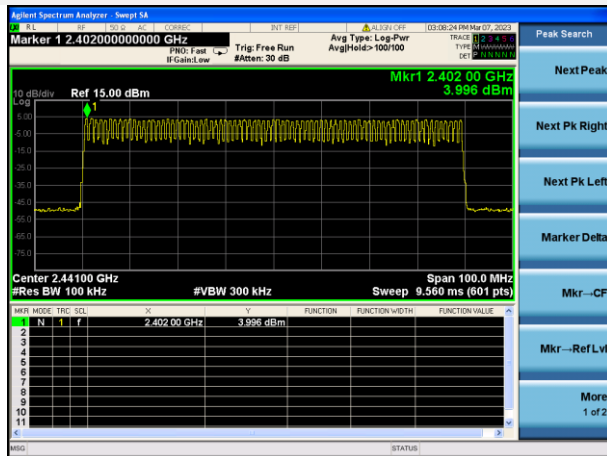
8-DPSK HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



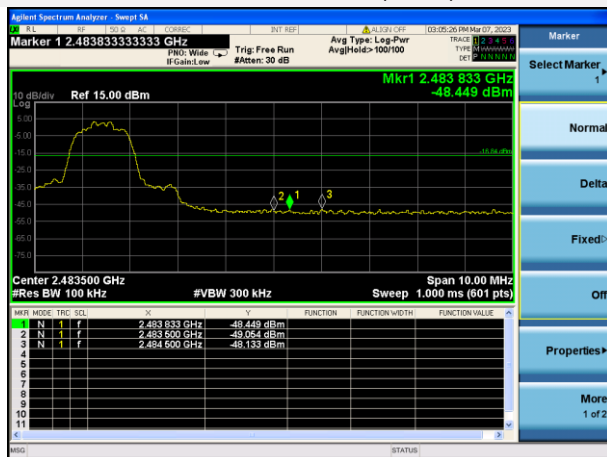
8-DPSK HIGH CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz



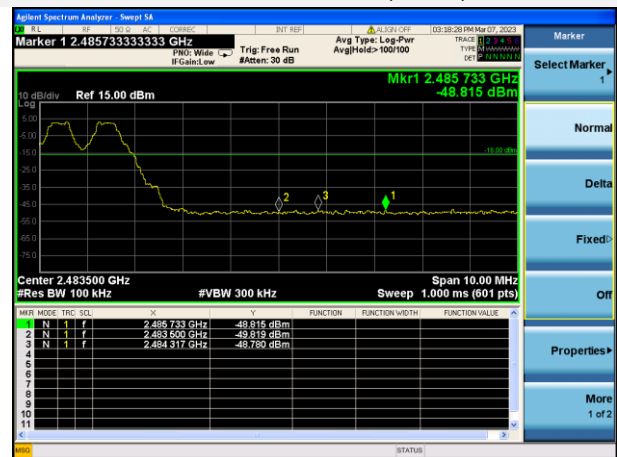
GFSK HOPPING, CARRIER LEVEL



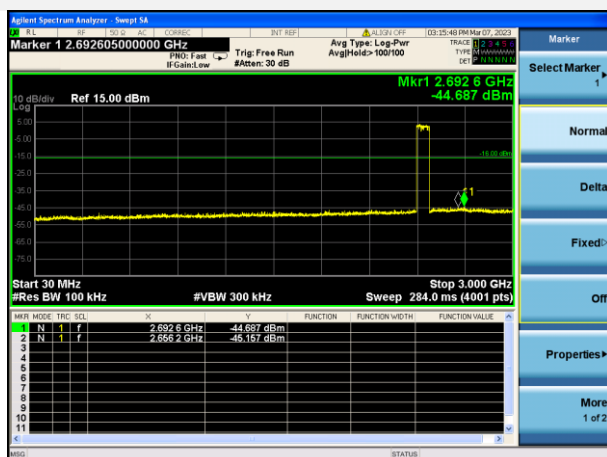
GFSK HOPPING BAND EDGE (LOW)



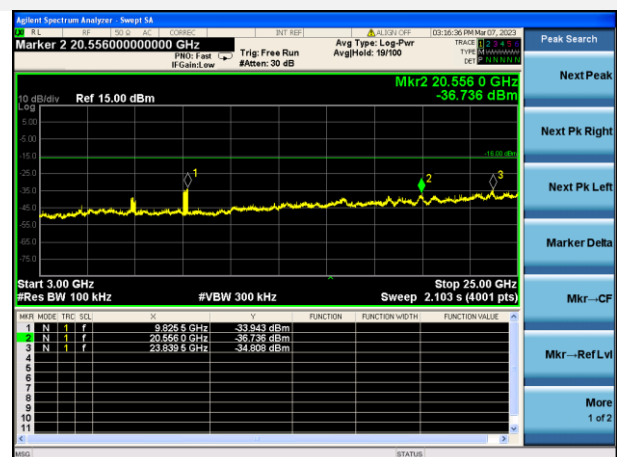
GFSK HOPPING BAND EDGE (HIGH)



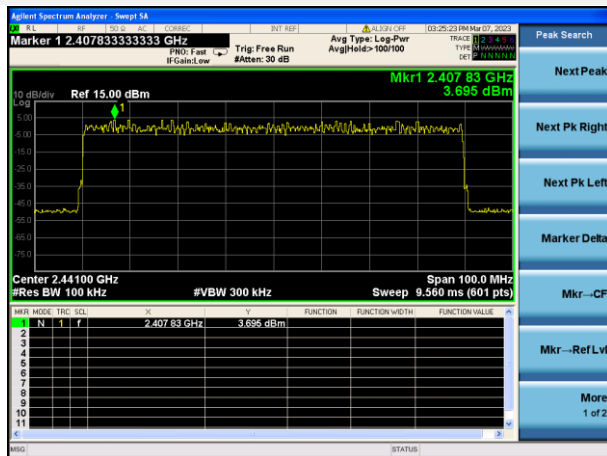
GFSK Hopping Mode, SPURIOUS  
30 MHz ~ 3 GHz



GFSK Hopping Mode, SPURIOUS  
3GHz ~ 25 GHz



### 8-DPSK HOPPING, CARRIER LEVEL



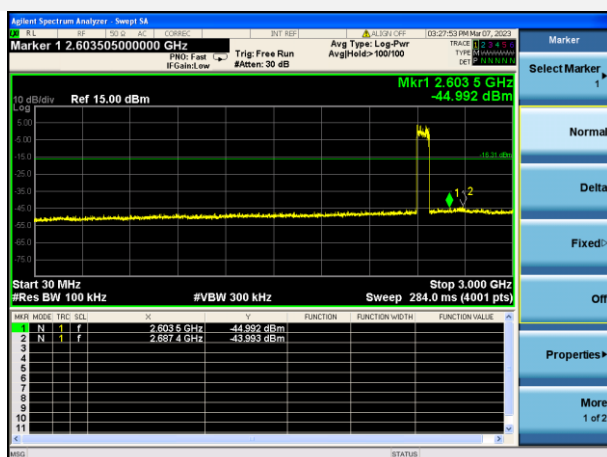
### 8-DPSK Hopping BAND EDGE (LOW)



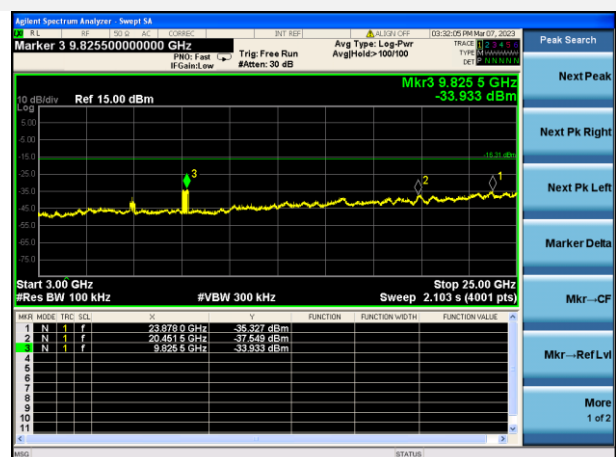
### 8-DPSK Hopping BAND EDGE (HIGH)



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



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



## A.7 Conducted Emissions

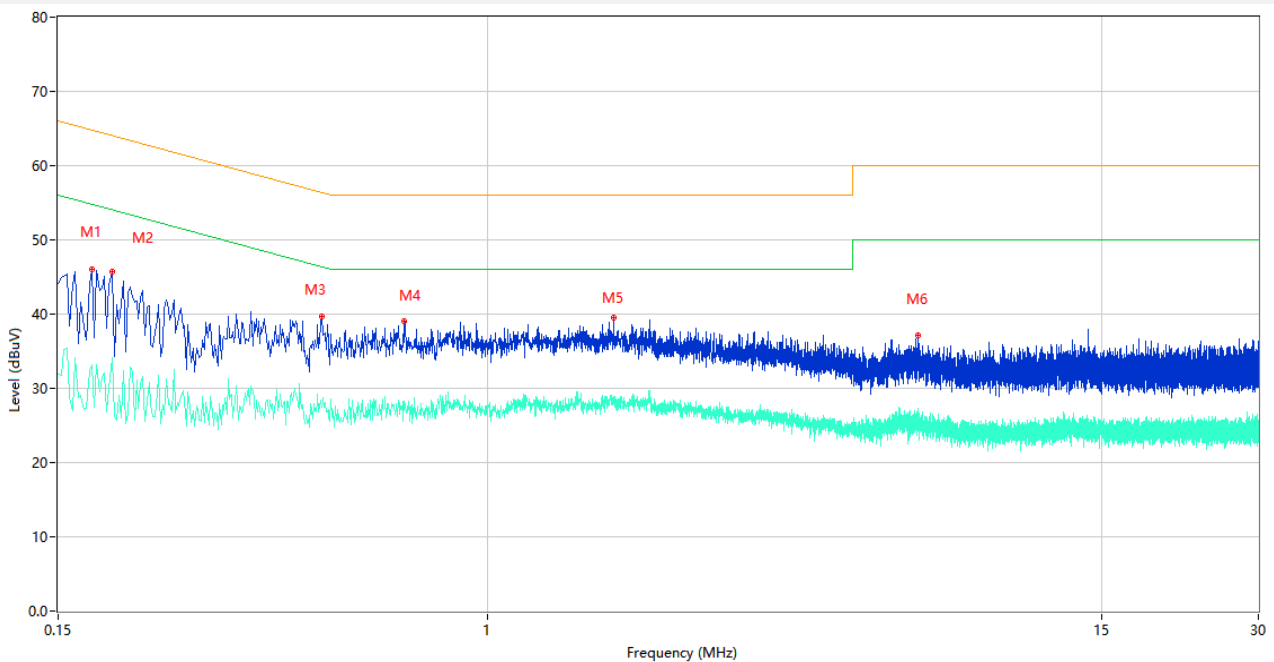
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note <sup>2</sup>: 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 <sup>3</sup>: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

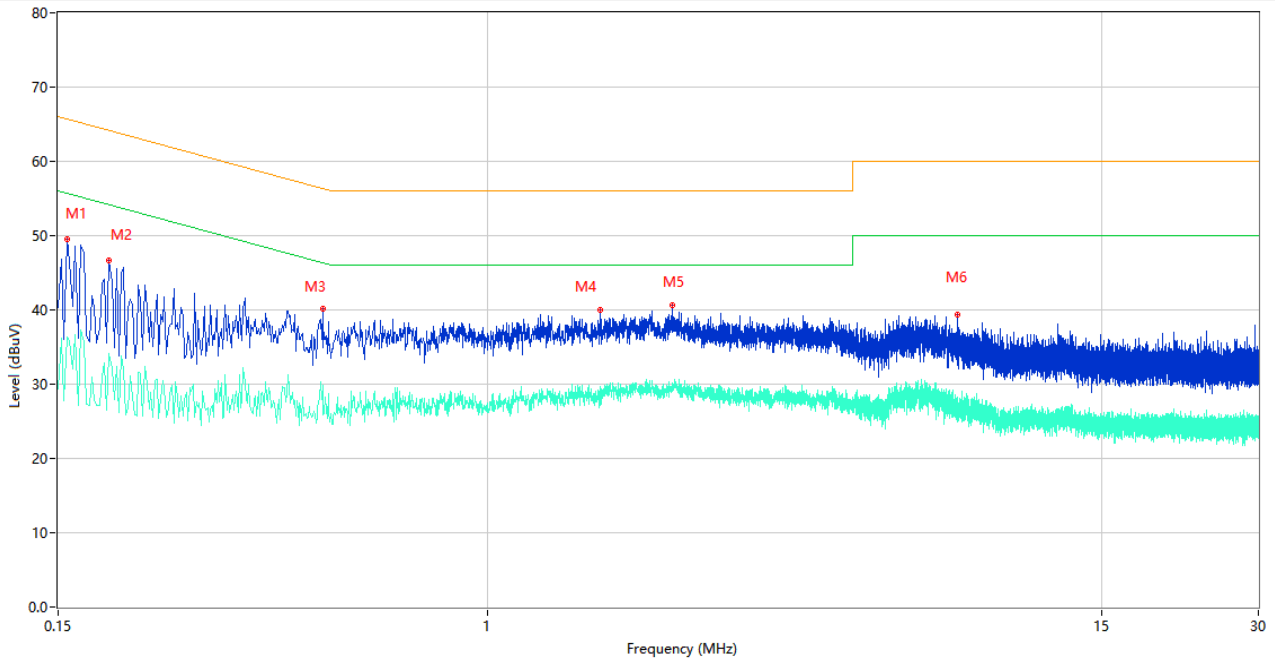
### Test Data and Plots

#### PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.174	46.07	10.07	64.77	18.70	Peak	L	Pass
1**	0.174	33.24	10.07	54.77	21.53	AV	L	Pass
2	0.190	45.78	10.06	64.04	18.26	Peak	L	Pass
2**	0.190	34.10	10.06	54.04	19.94	AV	L	Pass
3	0.480	39.71	10.19	56.34	16.63	Peak	L	Pass
3**	0.480	27.50	10.19	46.34	18.84	AV	L	Pass
4	0.690	39.06	10.73	56.00	16.94	Peak	L	Pass
4**	0.690	28.24	10.73	46.00	17.76	AV	L	Pass
5	1.740	39.49	10.25	56.00	16.51	Peak	L	Pass
5**	1.740	28.86	10.25	46.00	17.14	AV	L	Pass
6	6.676	37.08	10.52	60.00	22.92	Peak	L	Pass
6**	6.676	27.26	10.52	50.00	22.74	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	49.48	10.09	65.67	16.19	Peak	N	Pass
1**	0.156	36.31	10.09	55.67	19.36	AV	N	Pass
2	0.188	46.62	10.06	64.12	17.50	Peak	N	Pass
2**	0.188	34.09	10.06	54.12	20.03	AV	N	Pass
3	0.482	40.15	10.19	56.30	16.15	Peak	N	Pass
3**	0.482	29.85	10.19	46.30	16.45	AV	N	Pass
4	1.638	39.97	10.00	56.00	16.03	Peak	N	Pass
4**	1.638	27.18	10.00	46.00	18.82	AV	N	Pass
5	2.258	40.61	10.23	56.00	15.39	Peak	N	Pass
5**	2.258	29.76	10.23	46.00	16.24	AV	N	Pass
6	7.938	39.39	10.29	60.00	20.61	Peak	N	Pass
6**	7.938	28.22	10.29	50.00	21.78	AV	N	Pass

## A.8 Radiated Spurious Emission

Note <sup>1</sup>: The symbol of "--" in the table which means not application.

Note <sup>2</sup>: 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.

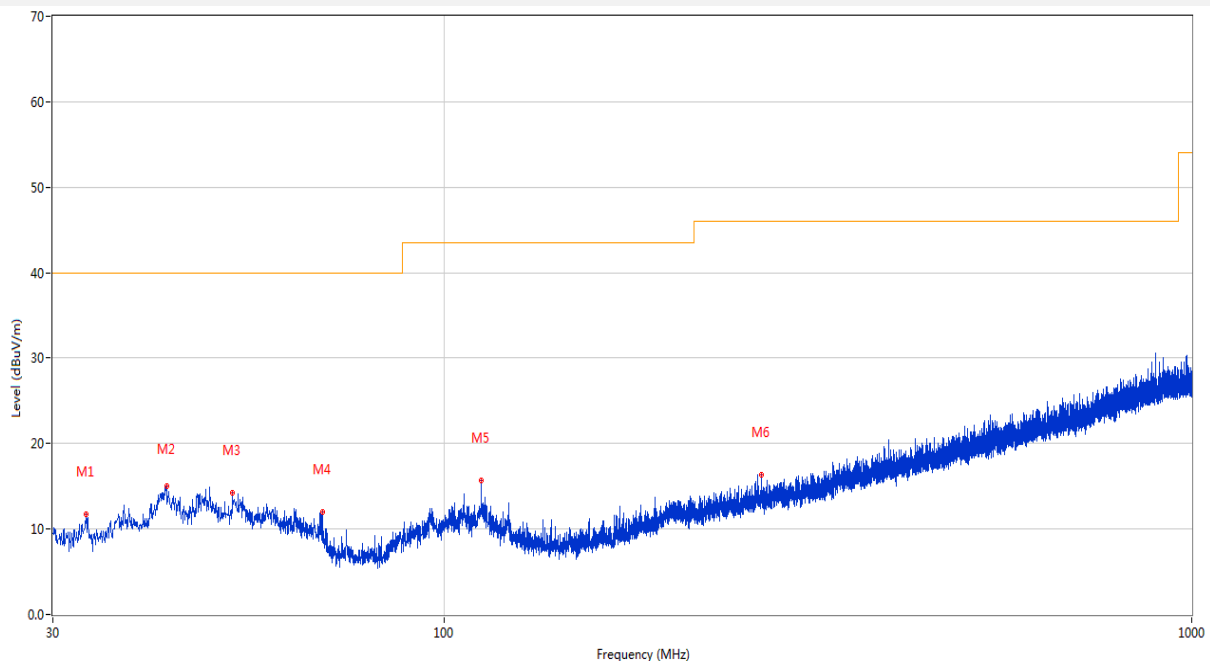
Note <sup>3</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

Note <sup>4</sup>: 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

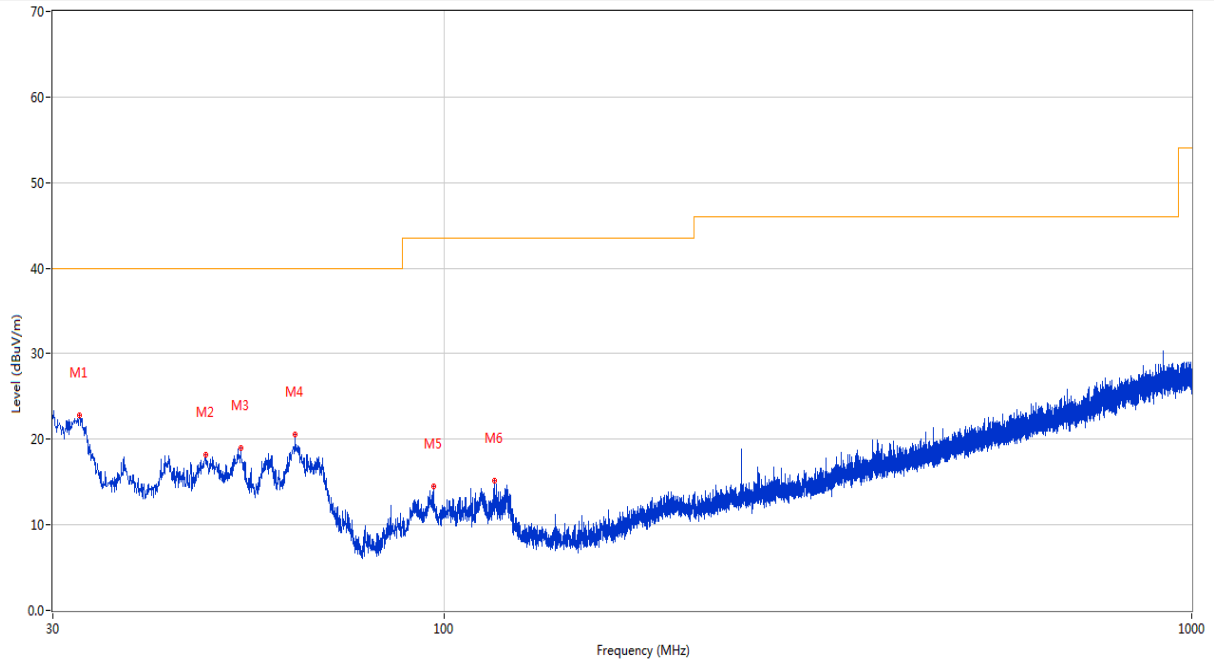
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.249	11.79	-26.29	40.0	28.21	Peak	352.50	100	Horizontal	Pass
2	42.562	15.05	-23.41	40.0	24.95	Peak	148.40	100	Horizontal	Pass
3	52.116	14.27	-23.15	40.0	25.73	Peak	261.70	100	Horizontal	Pass
4	68.752	11.94	-26.32	40.0	28.06	Peak	333.70	200	Horizontal	Pass
5	112.207	15.69	-24.44	43.5	27.81	Peak	317.40	100	Horizontal	Pass
6	265.710	16.29	-22.17	46.0	29.71	Peak	82.90	100	Horizontal	Pass



30 MHz to 1 GHz, ANT V



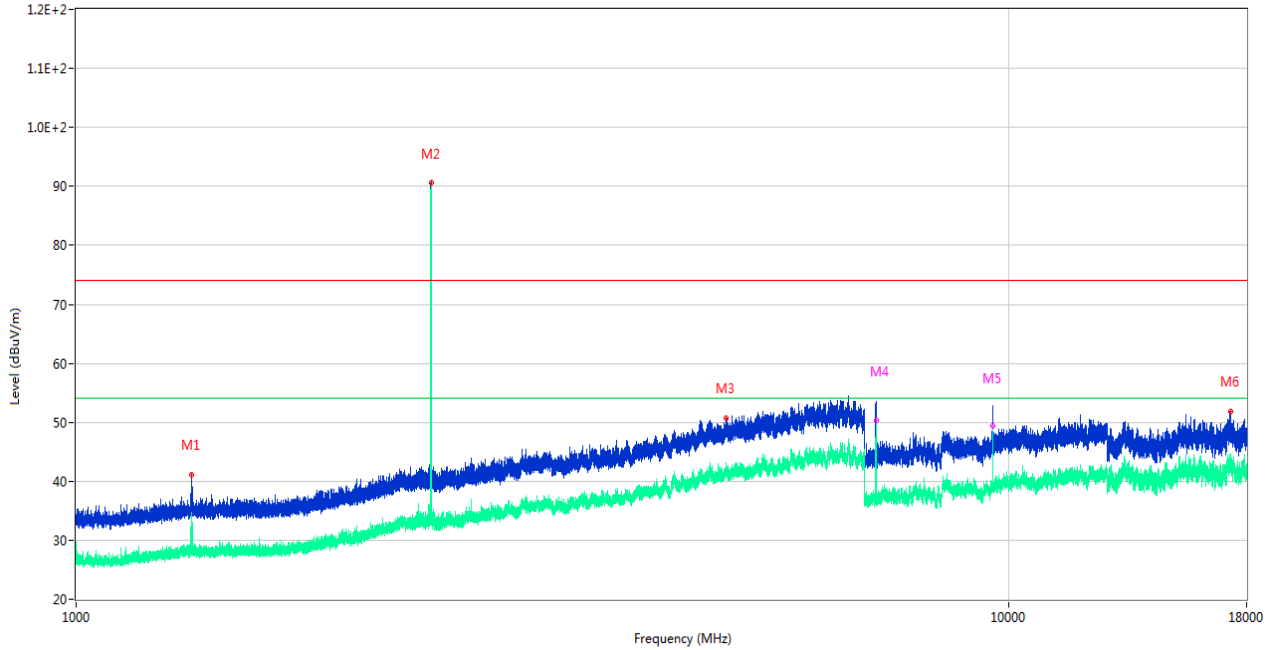
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.522	22.87	-26.55	40.0	17.13	Peak	238.50	100	Vertical	Pass
2	48.090	18.17	-22.62	40.0	21.83	Peak	140.00	100	Vertical	Pass
3	53.474	19.04	-22.93	40.0	20.96	Peak	184.30	100	Vertical	Pass
4	63.222	20.51	-24.80	40.0	19.49	Peak	164.30	100	Vertical	Pass
5	96.833	14.54	-24.82	43.5	28.96	Peak	166.80	200	Vertical	Pass
6	116.718	15.22	-25.76	43.5	28.28	Peak	77.80	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**

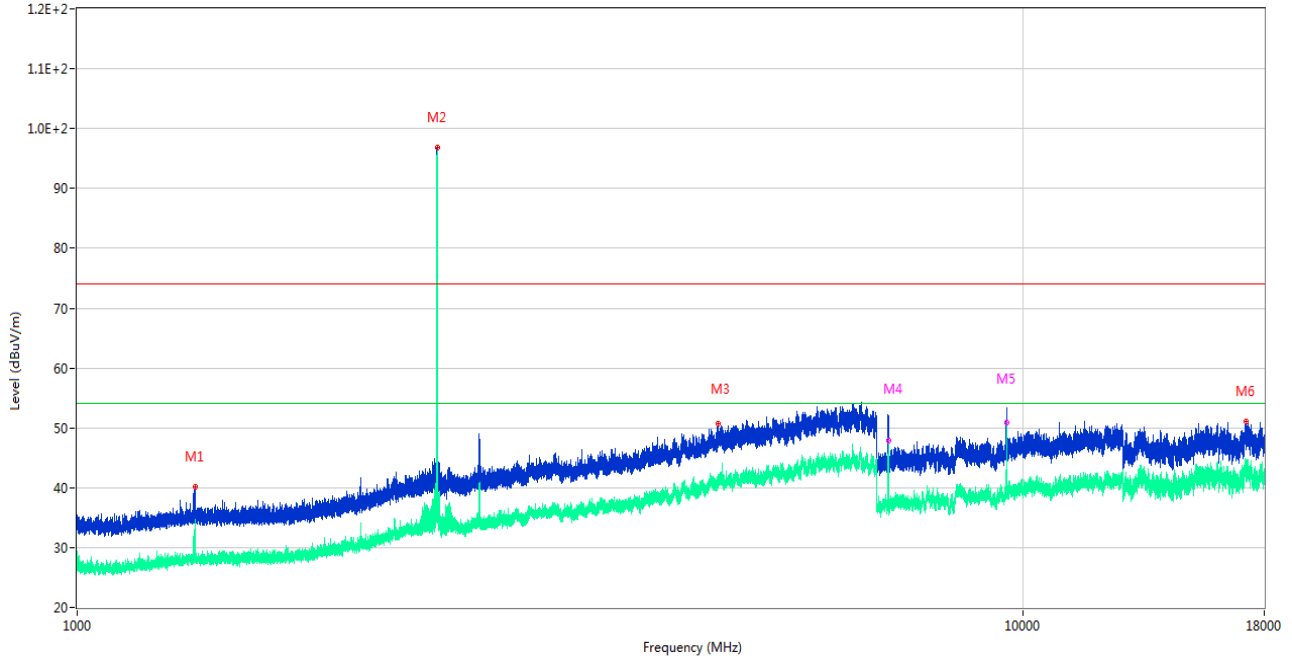
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	41.17	-17.38	74.0	32.83	Peak	14.00	100	Horizontal	Pass
1**	1330.600	34.08	-17.38	54.0	19.92	AV	14.00	100	Horizontal	Pass
2	2401.800	90.60	-11.74	74.0	-16.60	Peak	72.00	100	Horizontal	N/A
2**	2401.800	89.53	-11.74	54.0	-35.53	AV	72.00	100	Horizontal	N/A
3	4978.000	50.77	-1.60	74.0	23.23	Peak	8.00	150	Horizontal	Pass
3**	4978.000	41.84	-1.60	54.0	12.16	AV	8.00	150	Horizontal	Pass
4	7205.850	53.56	-4.33	74.0	20.44	Peak	360.00	100	Horizontal	Pass
4**	7205.850	50.33	-4.33	54.0	3.67	AV	360.00	100	Horizontal	Pass
5	9607.912	51.69	-0.00	74.0	22.31	Peak	15.00	100	Horizontal	Pass
5**	9607.912	49.37	-0.00	54.0	4.63	AV	15.00	100	Horizontal	Pass
6	17295.974	51.88	1.60	74.0	22.12	Peak	60.00	200	Horizontal	Pass
6**	17295.974	44.32	1.60	54.0	9.68	AV	60.00	200	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

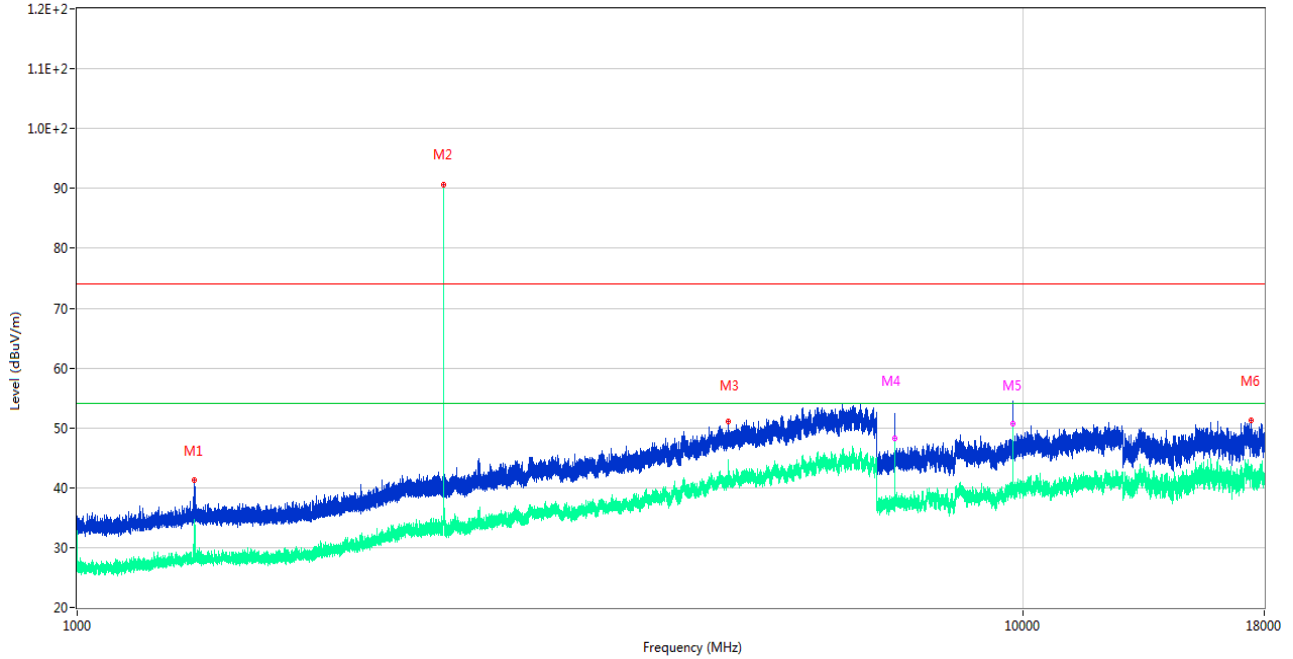
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.200	40.20	-17.15	74.0	33.80	Peak	8.00	400	Vertical	Pass
1**	1332.200	27.95	-17.15	54.0	26.05	AV	8.00	400	Vertical	Pass
2	2401.800	96.91	-11.74	74.0	-22.91	Peak	19.00	200	Vertical	N/A
2**	2401.800	95.92	-11.74	54.0	-41.92	AV	19.00	200	Vertical	N/A
3	4765.000	50.63	-2.22	74.0	23.37	Peak	173.00	200	Vertical	Pass
3**	4765.000	42.12	-2.22	54.0	11.88	AV	173.00	200	Vertical	Pass
4	7205.850	52.05	-4.33	74.0	21.95	Peak	300.00	100	Vertical	Pass
4**	7205.850	47.93	-4.33	54.0	6.07	AV	300.00	100	Vertical	Pass
5	9608.200	50.74	-0.01	74.0	23.26	Peak	105.00	100	Vertical	Pass
5**	9608.200	50.81	-0.01	54.0	3.19	AV	105.00	100	Vertical	Pass
6	17205.676	51.10	1.62	74.0	22.90	Peak	117.00	200	Vertical	Pass
6**	17205.676	42.25	1.62	54.0	11.75	AV	117.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

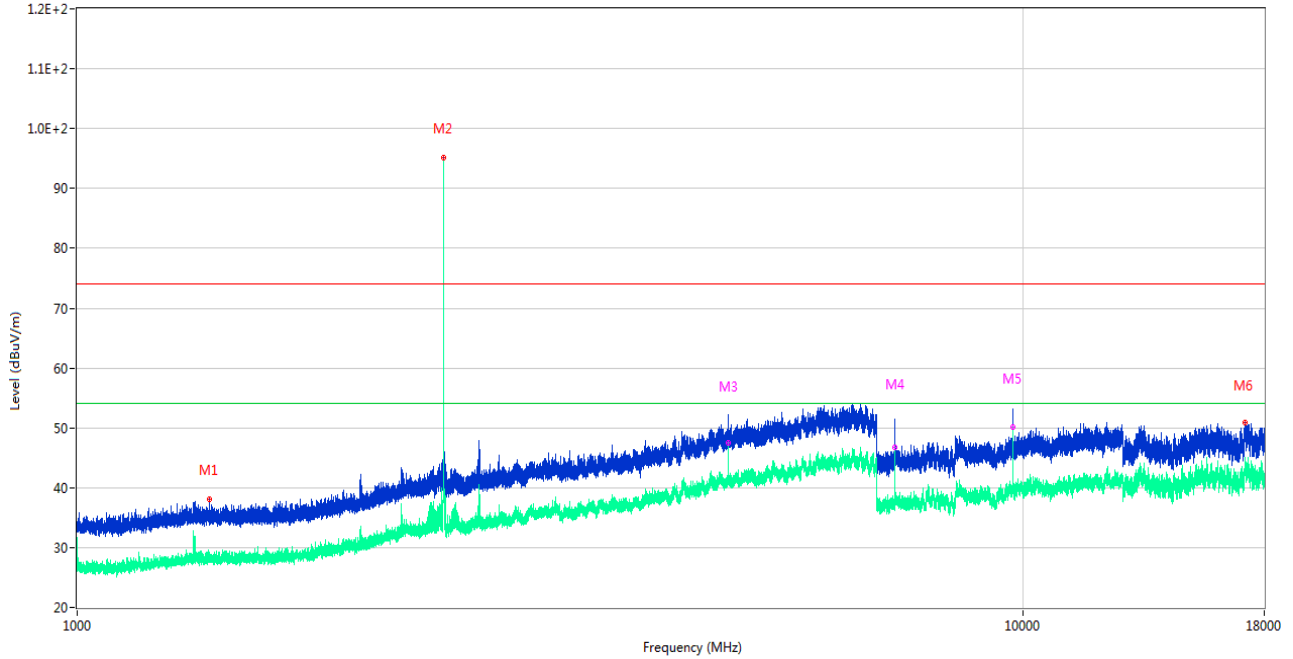
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	41.22	-17.36	74.0	32.78	Peak	77.00	100	Horizontal	Pass
1**	1330.300	27.59	-17.36	54.0	26.41	AV	77.00	100	Horizontal	Pass
2	2441.000	90.69	-12.20	74.0	-16.69	Peak	77.00	150	Horizontal	N/A
2**	2441.000	90.37	-12.20	54.0	-36.37	AV	77.00	150	Horizontal	N/A
3	4881.200	51.15	-2.62	74.0	22.85	Peak	17.00	200	Horizontal	Pass
3**	4881.200	41.38	-2.62	54.0	12.62	AV	17.00	200	Horizontal	Pass
4	7323.150	50.54	-3.60	74.0	23.46	Peak	0.00	100	Horizontal	Pass
4**	7323.150	48.26	-3.60	54.0	5.74	AV	0.00	100	Horizontal	Pass
5	9764.025	52.06	-0.38	74.0	21.94	Peak	13.00	100	Horizontal	Pass
5**	9764.025	50.78	-0.38	54.0	3.22	AV	13.00	100	Horizontal	Pass
6	17424.863	51.28	3.62	74.0	22.72	Peak	272.00	200	Horizontal	Pass
6**	17424.863	42.61	3.62	54.0	11.39	AV	272.00	200	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

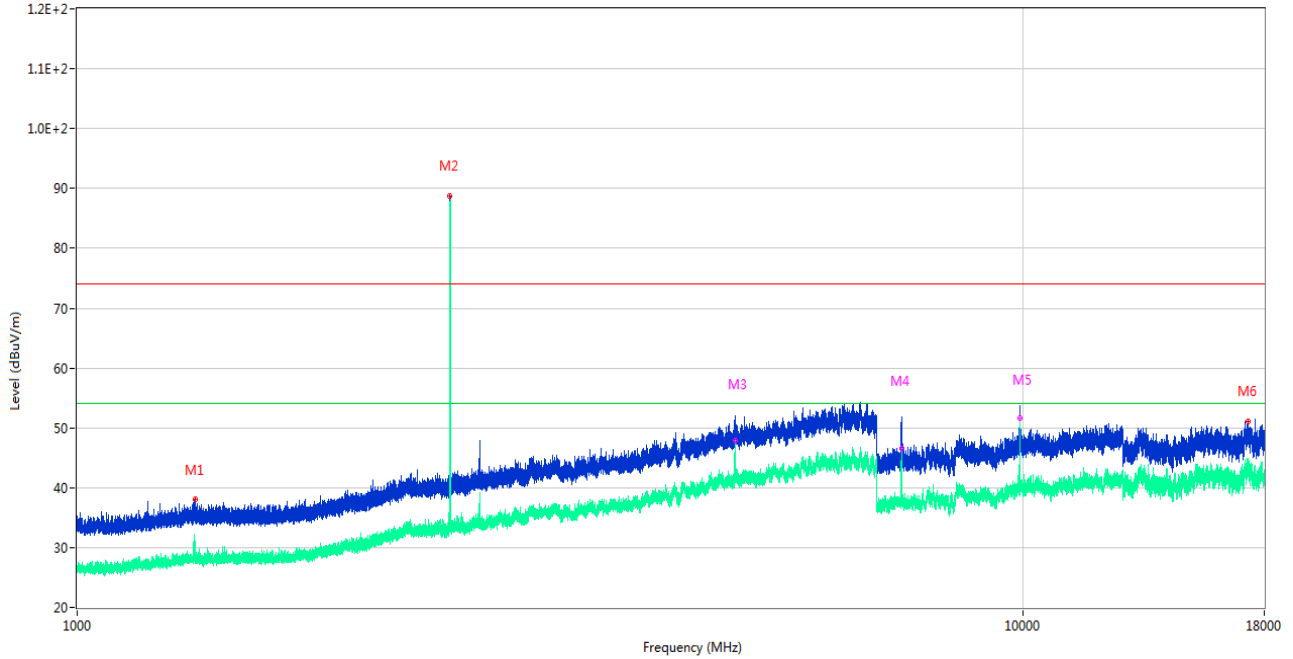
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1379.900	38.02	-17.11	74.0	35.98	Peak	30.00	400	Vertical	Pass
1**	1379.900	27.74	-17.11	54.0	26.26	AV	30.00	400	Vertical	Pass
2	2440.900	95.13	-12.20	74.0	-21.13	Peak	355.00	200	Vertical	N/A
2**	2440.900	94.56	-12.20	54.0	-40.56	AV	355.00	200	Vertical	N/A
3	4882.000	52.17	-2.60	74.0	21.83	Peak	123.00	100	Vertical	Pass
3**	4882.000	47.48	-2.60	54.0	6.52	AV	123.00	100	Vertical	Pass
4	7322.862	50.00	-3.61	74.0	24.00	Peak	328.00	100	Vertical	Pass
4**	7322.862	46.81	-3.61	54.0	7.19	AV	328.00	100	Vertical	Pass
5	9764.025	53.02	-0.38	74.0	20.98	Peak	67.00	100	Vertical	Pass
5**	9764.025	50.22	-0.38	54.0	3.78	AV	67.00	100	Vertical	Pass
6	17190.975	50.85	2.30	74.0	23.15	Peak	283.00	200	Vertical	Pass
6**	17190.975	43.01	2.30	54.0	10.99	AV	283.00	200	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

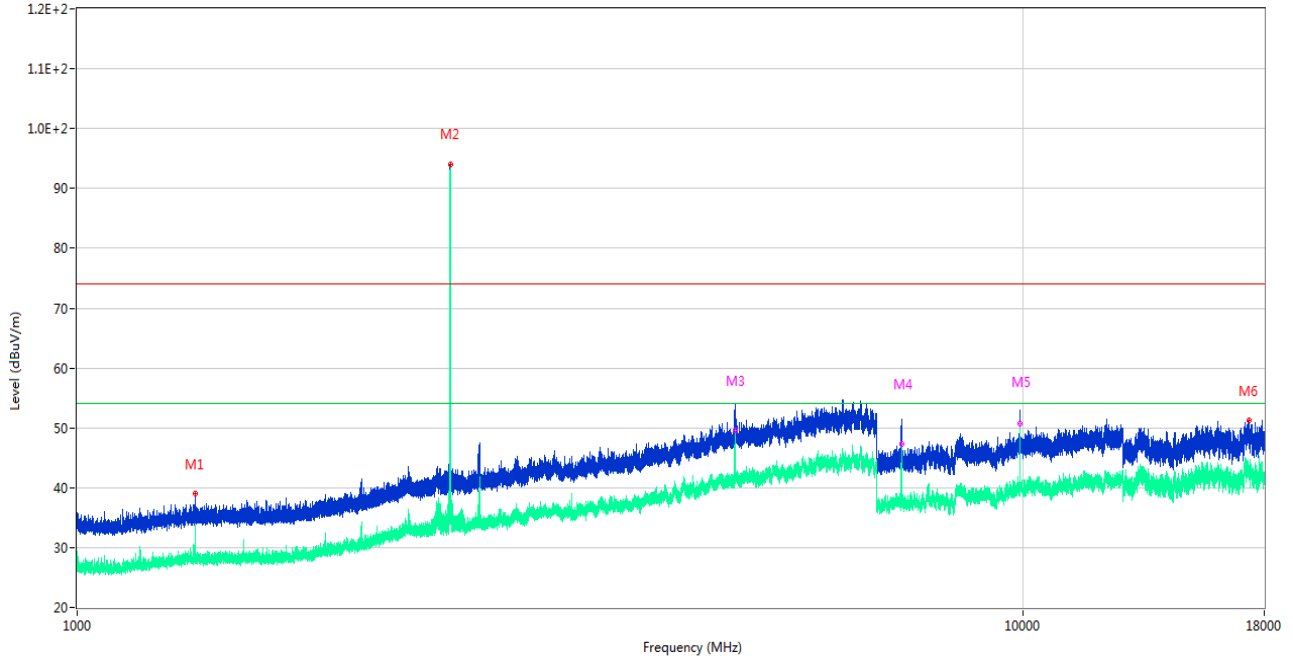
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.100	38.00	-17.07	74.0	36.00	Peak	143.00	200	Horizontal	Pass
1**	1333.100	27.35	-17.07	54.0	26.65	AV	143.00	200	Horizontal	Pass
2	2479.700	88.80	-12.21	74.0	-14.80	Peak	87.00	150	Horizontal	N/A
2**	2479.700	87.57	-12.21	54.0	-33.57	AV	87.00	150	Horizontal	N/A
3	4960.200	51.25	-2.02	74.0	22.75	Peak	319.00	100	Horizontal	Pass
3**	4960.200	47.82	-2.02	54.0	6.18	AV	319.00	100	Horizontal	Pass
4	7439.875	51.21	-4.37	74.0	22.79	Peak	93.00	100	Horizontal	Pass
4**	7439.875	46.50	-4.37	54.0	7.50	AV	93.00	100	Horizontal	Pass
5	9919.849	52.97	-1.07	74.0	21.03	Peak	318.00	100	Horizontal	Pass
5**	9919.849	51.56	-1.07	54.0	2.44	AV	318.00	100	Horizontal	N/A
6	17291.776	51.16	1.65	74.0	22.84	Peak	290.00	300	Horizontal	Pass
6**	17291.776	43.86	1.65	54.0	10.14	AV	290.00	300	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

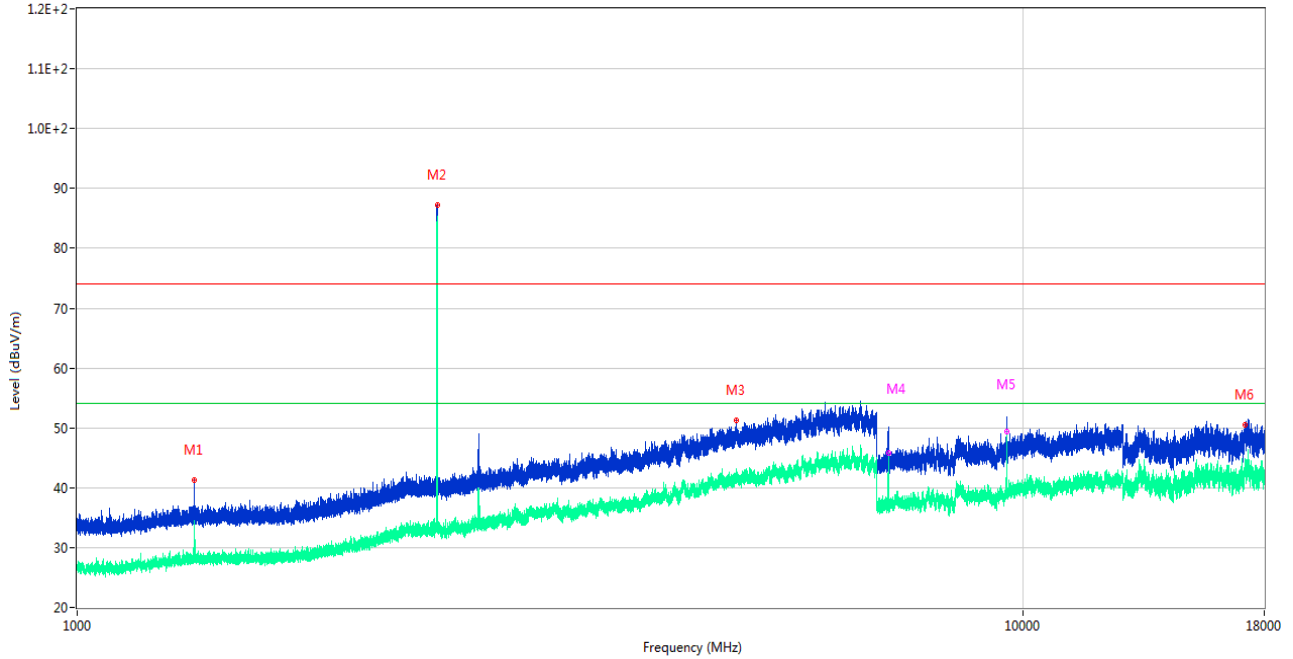
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.100	38.95	-17.07	74.0	35.05	Peak	14.00	400	Vertical	Pass
1**	1333.100	28.45	-17.07	54.0	25.55	AV	14.00	400	Vertical	Pass
2	2480.000	94.02	-12.20	74.0	-20.02	Peak	360.00	150	Vertical	N/A
2**	2480.000	93.61	-12.20	54.0	-39.61	AV	360.00	150	Vertical	N/A
3	4960.200	53.84	-2.02	74.0	20.16	Peak	125.00	100	Vertical	Pass
3**	4960.200	49.62	-2.02	54.0	4.38	AV	125.00	100	Vertical	Pass
4	7439.875	50.56	-4.37	74.0	23.44	Peak	320.00	100	Vertical	Pass
4**	7439.875	47.23	-4.37	54.0	6.77	AV	320.00	100	Vertical	Pass
5	9919.849	52.14	-1.07	74.0	21.86	Peak	48.00	100	Vertical	Pass
5**	9919.849	50.71	-1.07	54.0	3.29	AV	48.00	100	Vertical	Pass
6	17355.301	51.22	2.09	74.0	22.78	Peak	269.00	300	Vertical	Pass
6**	17355.301	43.25	2.09	54.0	10.75	AV	269.00	300	Vertical	Pass

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

RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz

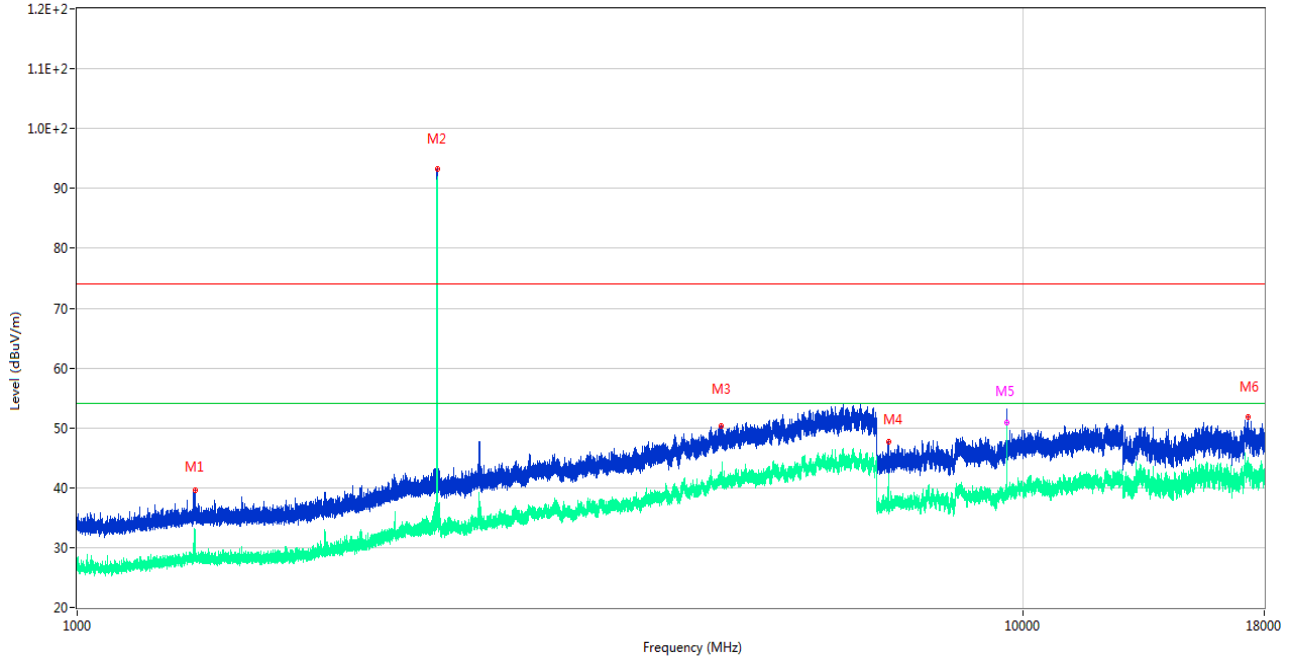


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	41.35	-17.15	74.0	32.65	Peak	151.00	400	Horizontal	Pass
1**	1328.800	29.20	-17.15	54.0	24.80	AV	151.00	400	Horizontal	Pass
2	2401.800	87.30	-11.74	74.0	-13.30	Peak	75.00	100	Horizontal	N/A
2**	2401.800	84.77	-11.74	54.0	-30.77	AV	75.00	100	Horizontal	N/A
3	4976.800	51.26	-1.58	74.0	22.74	Peak	228.00	150	Horizontal	Pass
3**	4976.800	42.31	-1.58	54.0	11.69	AV	228.00	150	Horizontal	Pass
4	7206.138	49.00	-4.33	74.0	25.00	Peak	0.00	100	Horizontal	Pass
4**	7206.138	45.77	-4.33	54.0	8.23	AV	0.00	100	Horizontal	Pass
5	9607.912	51.15	-0.00	74.0	22.85	Peak	141.00	100	Horizontal	Pass
5**	9607.912	49.37	-0.00	54.0	4.63	AV	141.00	100	Horizontal	Pass
6	17179.426	50.55	2.66	74.0	23.45	Peak	308.00	300	Horizontal	Pass
6**	17179.426	44.25	2.66	54.0	9.75	AV	308.00	300	Horizontal	Pass



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

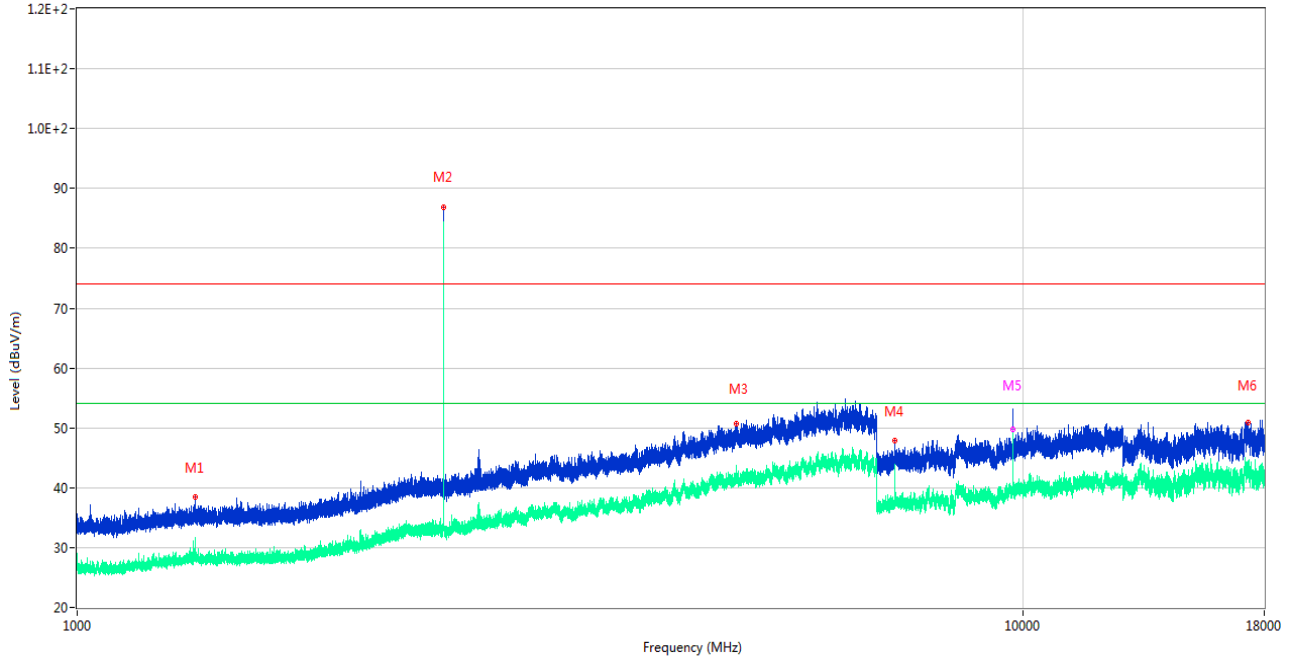
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	39.64	-17.20	74.0	34.36	Peak	82.00	100	Vertical	Pass
1**	1331.800	32.04	-17.20	54.0	21.96	AV	82.00	100	Vertical	Pass
2	2402.100	93.31	-11.74	74.0	-19.31	Peak	19.00	100	Vertical	N/A
2**	2402.100	92.00	-11.74	54.0	-38.00	AV	19.00	100	Vertical	N/A
3	4794.200	50.28	-1.78	74.0	23.72	Peak	12.00	100	Vertical	Pass
3**	4794.200	41.04	-1.78	54.0	12.96	AV	12.00	100	Vertical	Pass
4	7205.562	47.62	-4.29	74.0	26.38	Peak	289.00	100	Vertical	Pass
4**	7205.562	41.08	-4.29	54.0	12.92	AV	289.00	100	Vertical	Pass
5	9607.912	52.27	-0.00	74.0	21.73	Peak	75.00	100	Vertical	Pass
5**	9607.912	50.83	-0.00	54.0	3.17	AV	75.00	100	Vertical	Pass
6	17299.913	51.84	1.56	74.0	22.16	Peak	178.00	100	Vertical	Pass
6**	17299.913	45.04	1.56	54.0	8.96	AV	178.00	100	Vertical	Pass

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

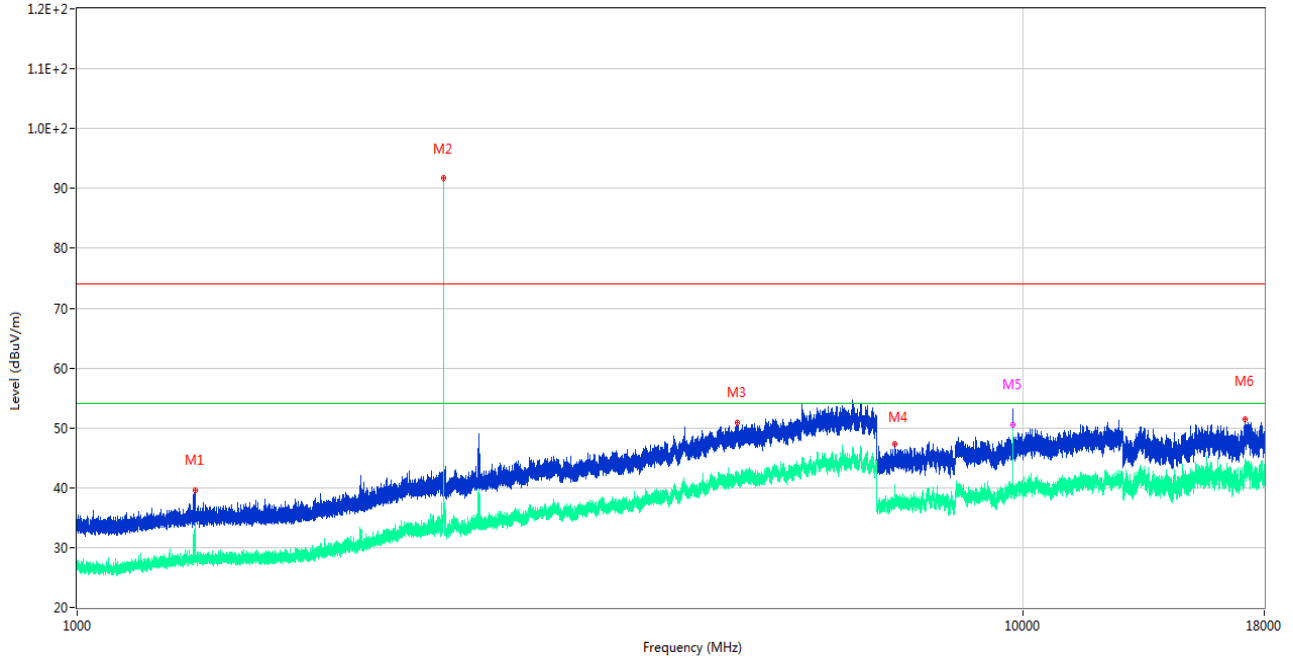
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	38.40	-17.06	74.0	35.60	Peak	70.00	300	Horizontal	Pass
1**	1333.400	28.50	-17.06	54.0	25.50	AV	70.00	300	Horizontal	Pass
2	2441.100	86.92	-12.19	74.0	-12.92	Peak	82.00	200	Horizontal	N/A
2**	2441.100	83.95	-12.19	54.0	-29.95	AV	82.00	200	Horizontal	N/A
3	4975.600	50.63	-1.77	74.0	23.37	Peak	13.00	200	Horizontal	Pass
3**	4975.600	41.03	-1.77	54.0	12.97	AV	13.00	200	Horizontal	Pass
4	7322.575	47.79	-3.62	74.0	26.21	Peak	360.00	100	Horizontal	Pass
4**	7322.575	41.78	-3.62	54.0	12.22	AV	360.00	100	Horizontal	Pass
5	9763.738	52.49	-0.38	74.0	21.51	Peak	315.00	100	Horizontal	Pass
5**	9763.738	49.78	-0.38	54.0	4.22	AV	315.00	100	Horizontal	Pass
6	17286.525	50.92	1.69	74.0	23.08	Peak	233.00	100	Horizontal	Pass
6**	17286.525	43.45	1.69	54.0	10.55	AV	233.00	100	Horizontal	Pass

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

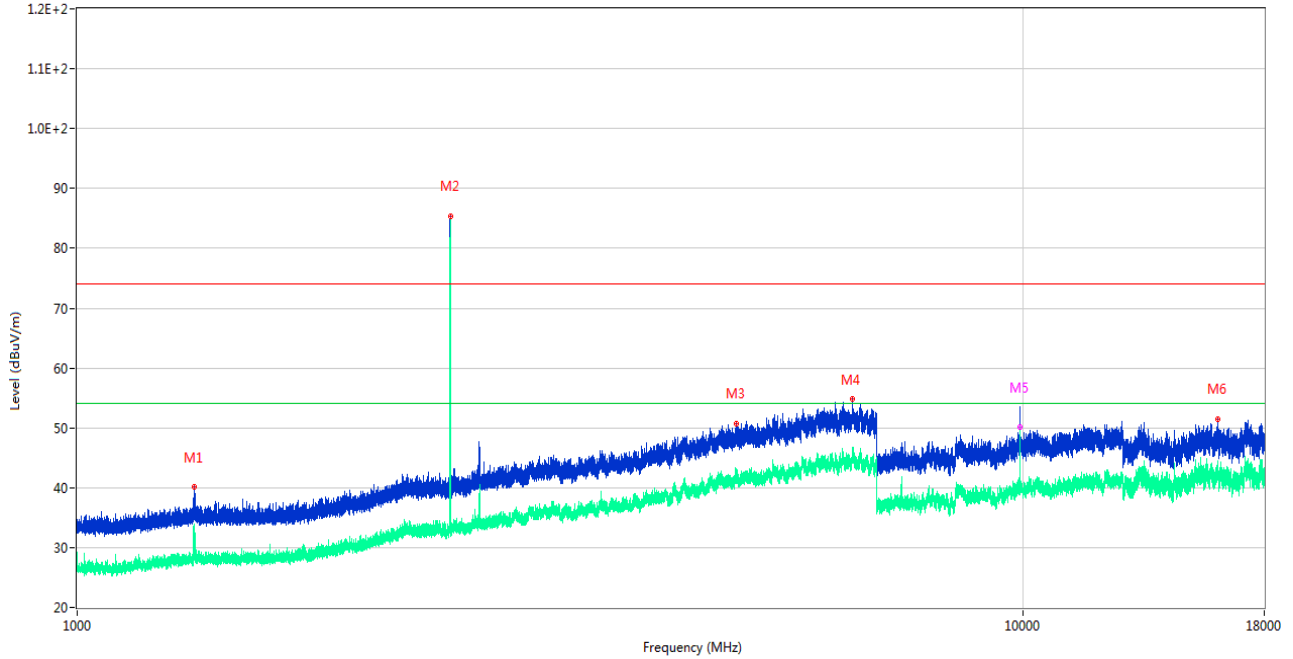
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	39.51	-17.10	74.0	34.49	Peak	360.00	400	Vertical	Pass
1**	1332.500	28.62	-17.10	54.0	25.38	AV	360.00	400	Vertical	Pass
2	2441.100	91.68	-12.19	74.0	-17.68	Peak	357.00	150	Vertical	N/A
2**	2441.100	90.80	-12.19	54.0	-36.80	AV	357.00	150	Vertical	N/A
3	4989.200	50.80	-1.81	74.0	23.20	Peak	114.00	200	Vertical	Pass
3**	4989.200	42.02	-1.81	54.0	11.98	AV	114.00	200	Vertical	Pass
4	7322.862	47.25	-3.61	74.0	26.75	Peak	126.00	100	Vertical	Pass
4**	7322.862	40.60	-3.61	54.0	13.40	AV	126.00	100	Vertical	Pass
5	9763.738	53.06	-0.38	74.0	20.94	Peak	77.00	100	Vertical	Pass
5**	9763.738	50.52	-0.38	54.0	3.48	AV	77.00	100	Vertical	Pass
6	17185.200	51.51	2.52	74.0	22.49	Peak	159.00	300	Vertical	Pass
6**	17185.200	42.95	2.52	54.0	11.05	AV	159.00	300	Vertical	Pass

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

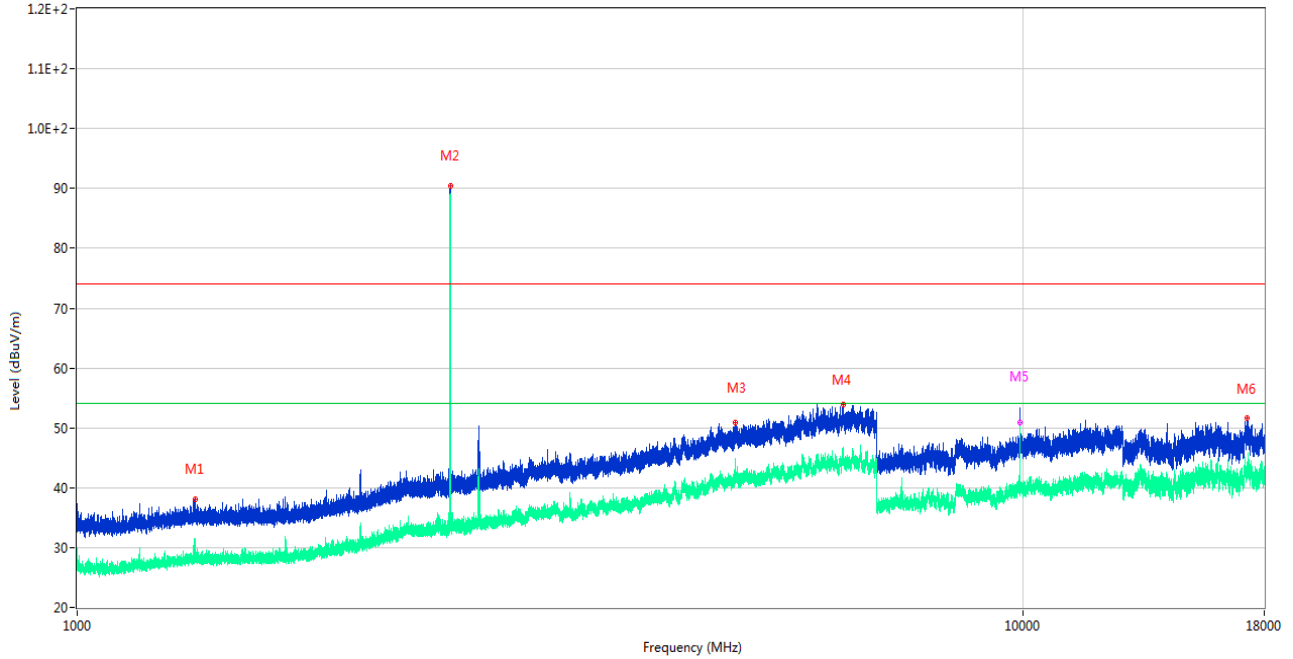
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	40.12	-17.26	74.0	33.88	Peak	253.00	400	Horizontal	Pass
1**	1329.600	30.33	-17.26	54.0	23.67	AV	253.00	400	Horizontal	Pass
2	2479.900	85.35	-12.20	74.0	-11.35	Peak	81.00	200	Horizontal	N/A
2**	2479.900	83.89	-12.20	54.0	-29.89	AV	81.00	200	Horizontal	N/A
3	4975.800	50.75	-1.74	74.0	23.25	Peak	212.00	150	Horizontal	Pass
3**	4975.800	41.39	-1.74	54.0	12.61	AV	212.00	150	Horizontal	Pass
4	6605.800	54.84	1.88	74.0	19.16	Peak	277.00	400	Horizontal	Pass
4**	6605.800	46.77	1.88	54.0	7.23	AV	277.00	400	Horizontal	Pass
5	9919.849	53.49	-1.07	74.0	20.51	Peak	310.00	100	Horizontal	Pass
5**	9919.849	50.07	-1.07	54.0	3.93	AV	310.00	100	Horizontal	Pass
6	16070.362	51.52	1.35	74.0	22.48	Peak	136.00	200	Horizontal	Pass
6**	16070.362	42.23	1.35	54.0	11.77	AV	136.00	200	Horizontal	Pass

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

RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	38.17	-17.19	74.0	35.83	Peak	222.00	100	Vertical	Pass
1**	1331.900	27.90	-17.19	54.0	26.10	AV	222.00	100	Vertical	Pass
2	2480.000	90.43	-12.20	74.0	-16.43	Peak	358.00	100	Vertical	N/A
2**	2480.000	89.02	-12.20	54.0	-35.02	AV	358.00	100	Vertical	N/A
3	4960.000	50.85	-2.04	74.0	23.15	Peak	127.00	100	Vertical	Pass
3**	4960.000	43.99	-2.04	54.0	10.01	AV	127.00	100	Vertical	Pass
4	6452.200	53.92	1.74	74.0	20.08	Peak	21.00	100	Vertical	Pass
4**	6452.200	45.84	1.74	54.0	8.16	AV	21.00	100	Vertical	Pass
5	9919.849	52.57	-1.07	74.0	21.43	Peak	45.00	100	Vertical	Pass
5**	9919.849	50.89	-1.07	54.0	3.11	AV	45.00	100	Vertical	Pass
6	17271.562	51.54	1.56	74.0	22.46	Peak	48.00	200	Vertical	Pass
6**	17271.562	42.57	1.56	54.0	11.43	AV	48.00	200	Vertical	Pass

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

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

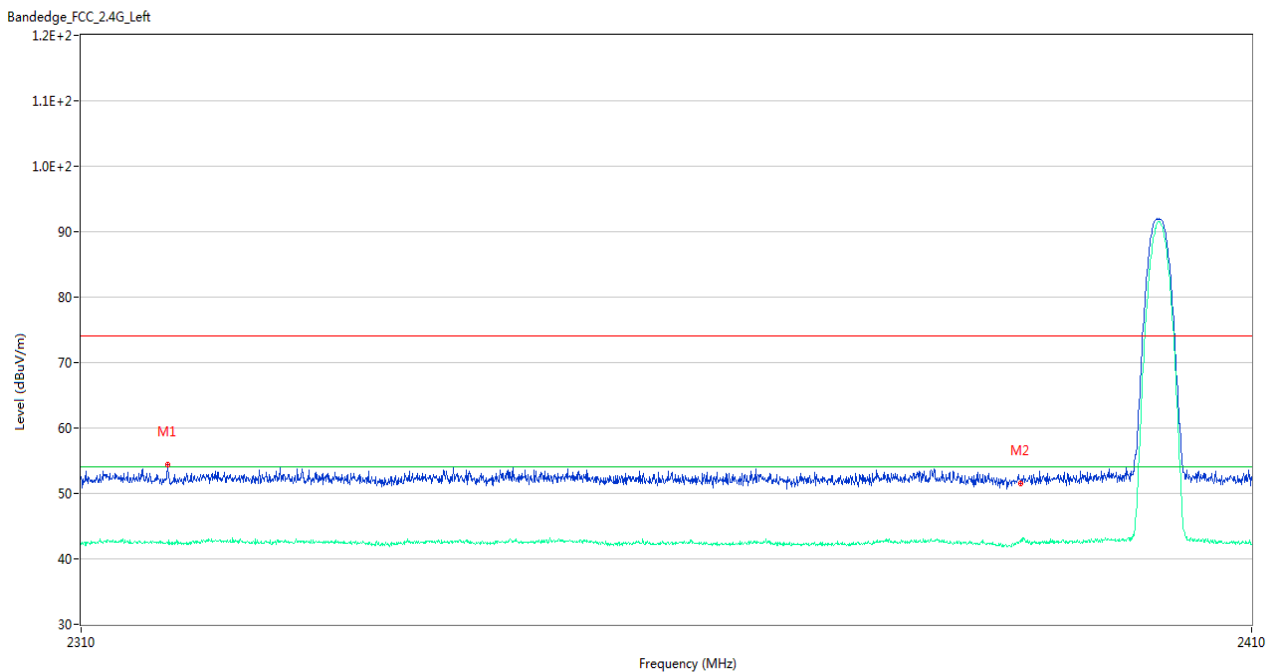
Note <sup>2</sup>: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note <sup>3</sup>: 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 <sup>4</sup>: The Level (dBuV/m) has been corrected by factor.

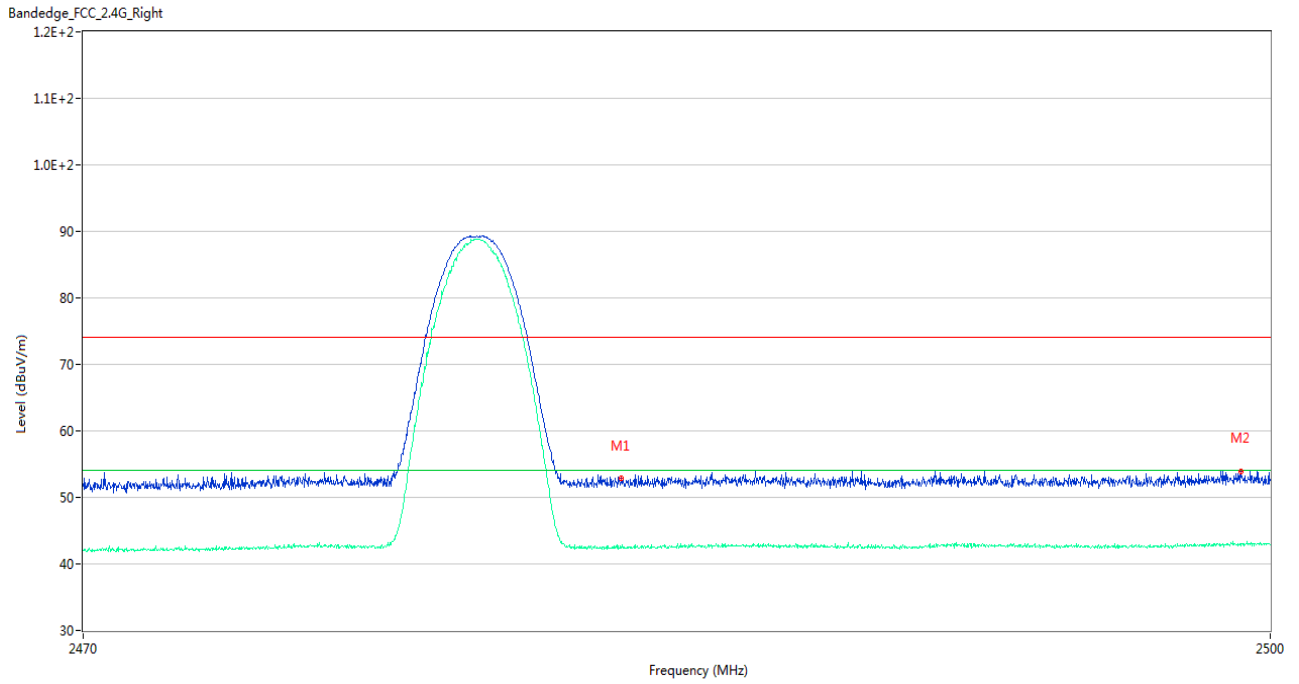
### Test Data and Plots

#### GFSK LOW CHANNEL



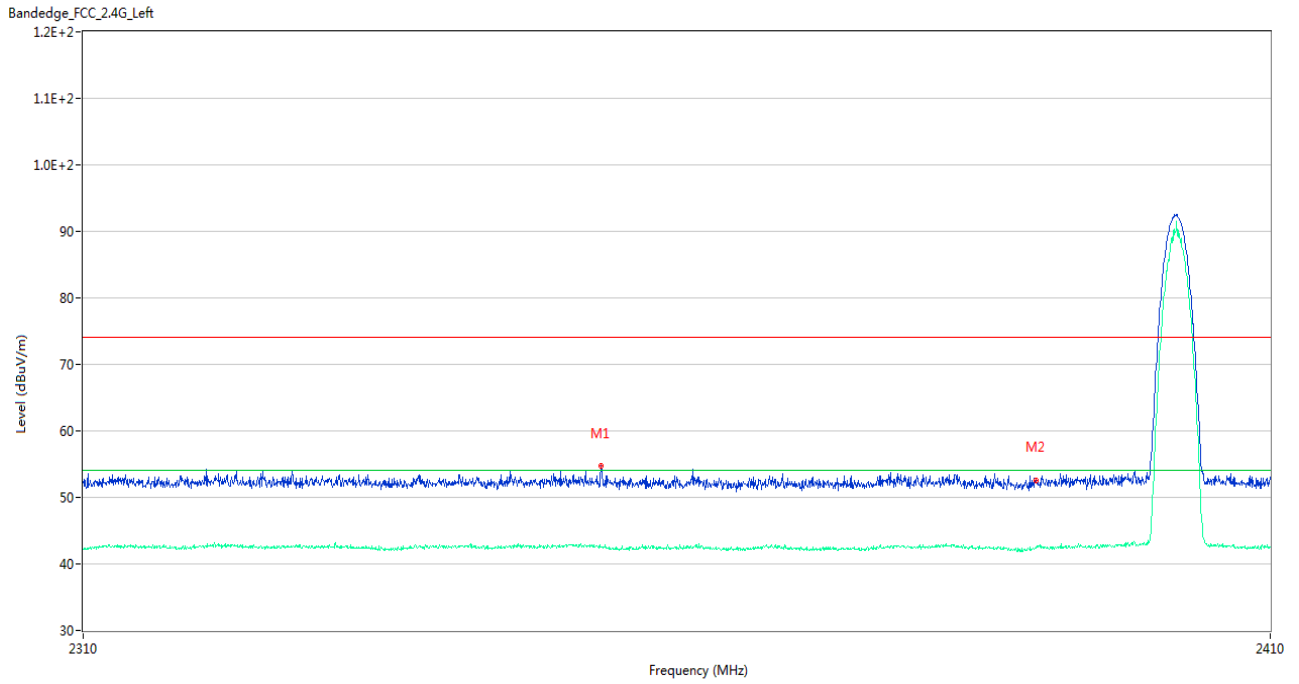
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2317.250	54.46	-0.42	74.0	19.54	Peak	63.00	150	Vertical	Pass
1**	2317.250	42.47	-0.42	54.0	11.53	AV	63.00	150	Vertical	Pass
2	2389.950	51.61	-0.59	74.0	22.39	Peak	144.00	100	Vertical	Pass
2**	2389.950	42.93	-0.59	54.0	11.07	AV	144.00	100	Vertical	Pass

**GFSK HIGH CHANNEL**



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	52.87	-0.20	74.0	21.13	Peak	195.00	200	Vertical	Pass
1**	2483.560	42.42	-0.20	54.0	11.58	AV	195.00	200	Vertical	Pass
2	2499.250	53.96	0.40	74.0	20.04	Peak	143.00	150	Vertical	Pass
2**	2499.250	42.79	0.40	54.0	11.21	AV	143.00	150	Vertical	Pass

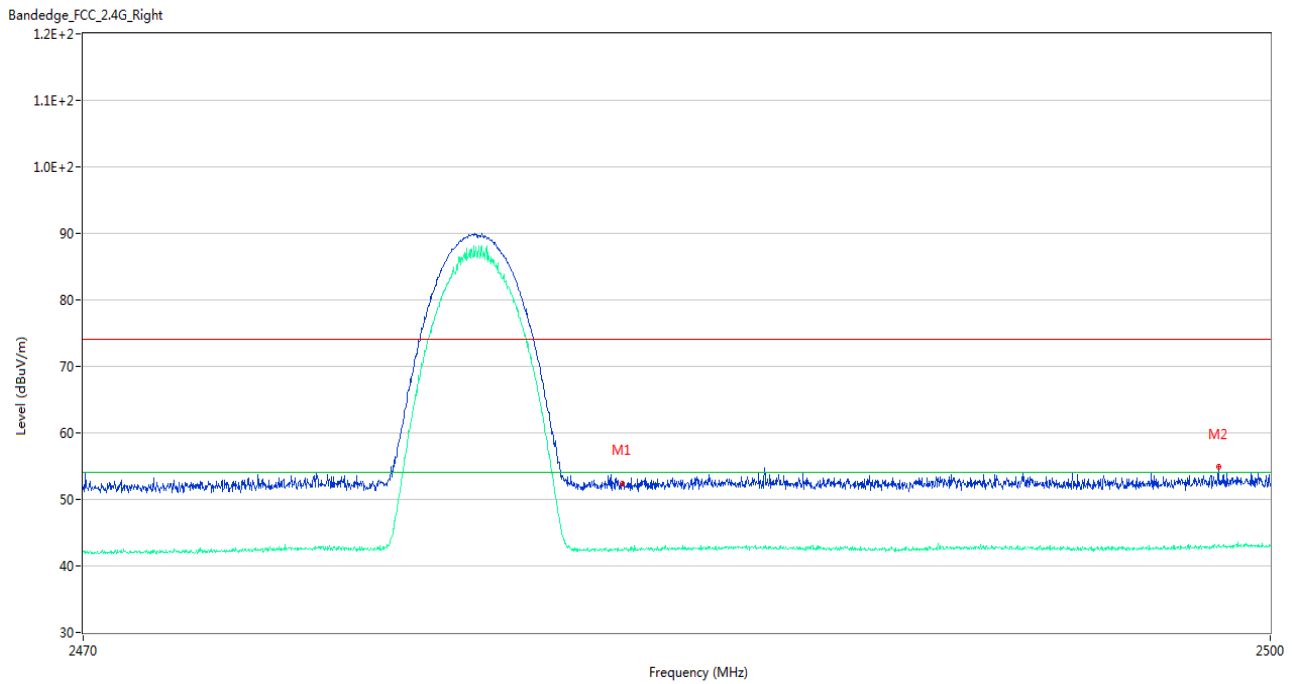
8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2353.100	54.68	-0.29	74.0	19.32	Peak	48.00	100	Vertical	Pass
1**	2353.100	42.54	-0.29	54.0	11.46	AV	48.00	100	Vertical	Pass
2	2389.950	52.57	-0.59	74.0	21.43	Peak	93.00	150	Vertical	Pass
2**	2389.950	42.47	-0.59	54.0	11.53	AV	93.00	150	Vertical	Pass



8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	52.40	-0.20	74.0	21.60	Peak	119.00	200	Vertical	Pass
1**	2483.575	42.30	-0.20	54.0	11.70	AV	119.00	200	Vertical	Pass
2	2498.680	54.85	0.29	74.0	19.15	Peak	286.00	200	Vertical	Pass
2**	2498.680	42.91	0.29	54.0	11.09	AV	286.00	200	Vertical	Pass

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2330141-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2330141-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2330141-AI.PDF”.

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--END OF REPORT--