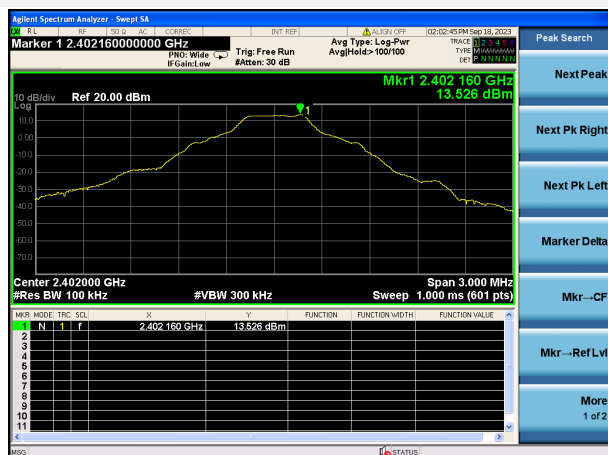
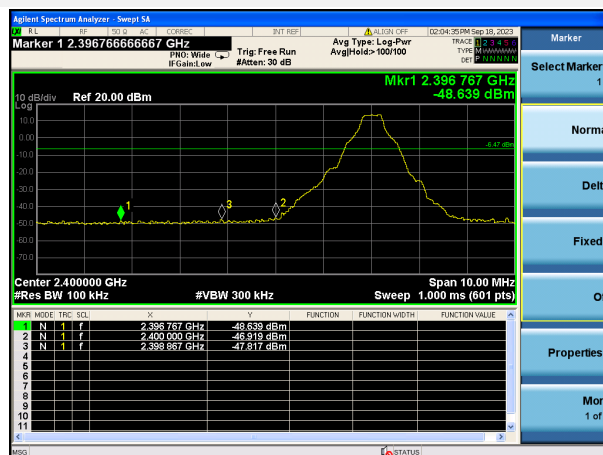
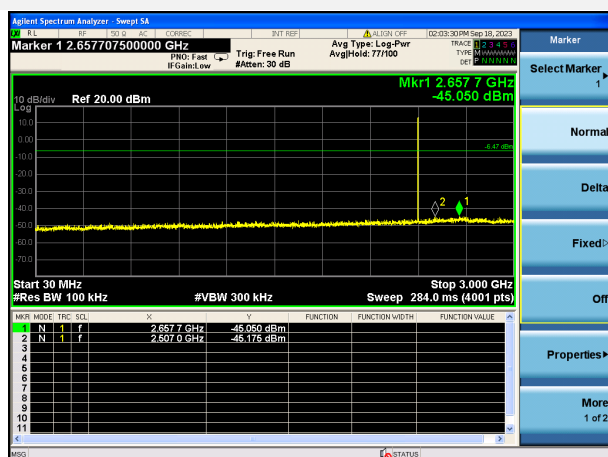
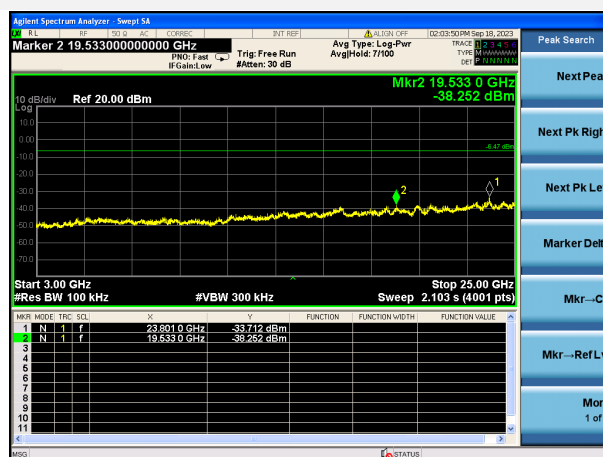


Test Plots

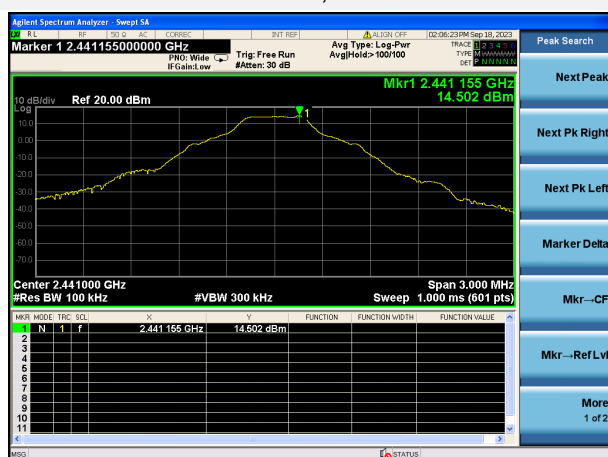
GFSK LOW CHANNEL, CARRIER LEVEL



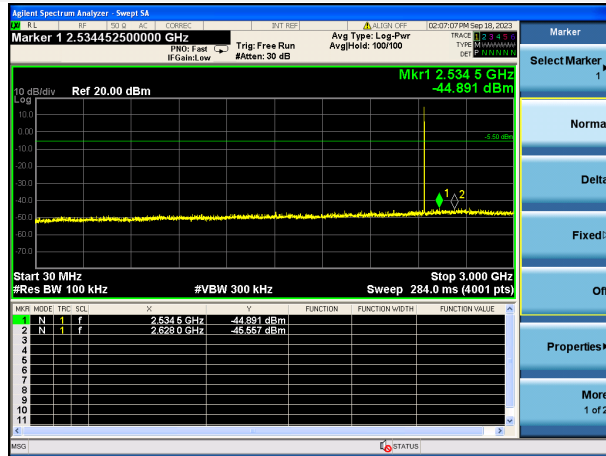
GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

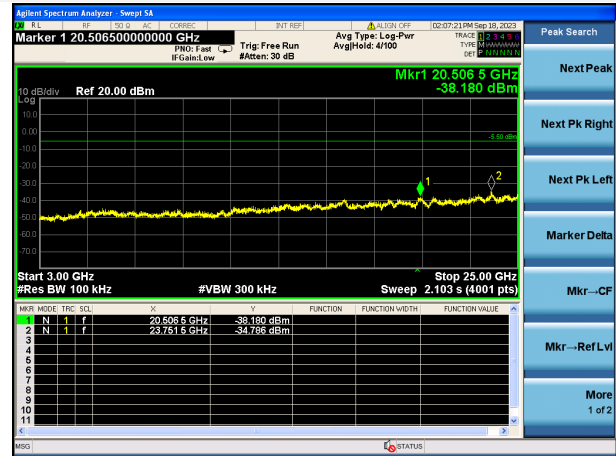
GFSK MIDDLE CHANNEL, CARRIER LEVEL



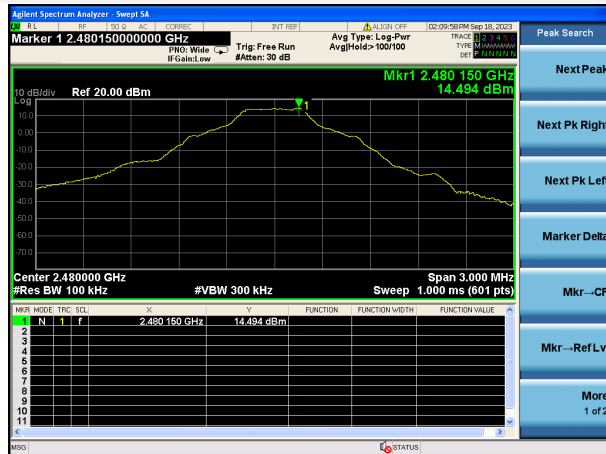
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



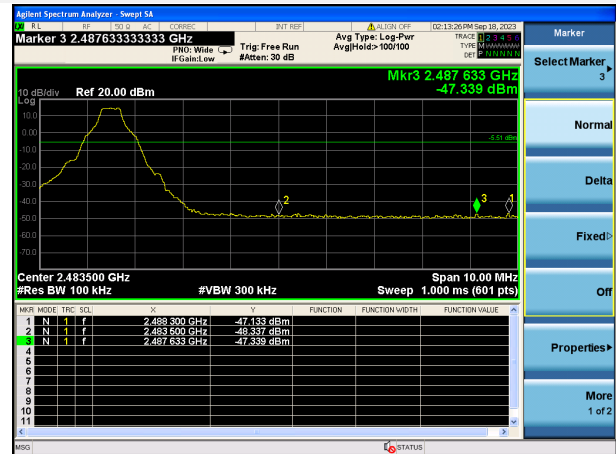
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



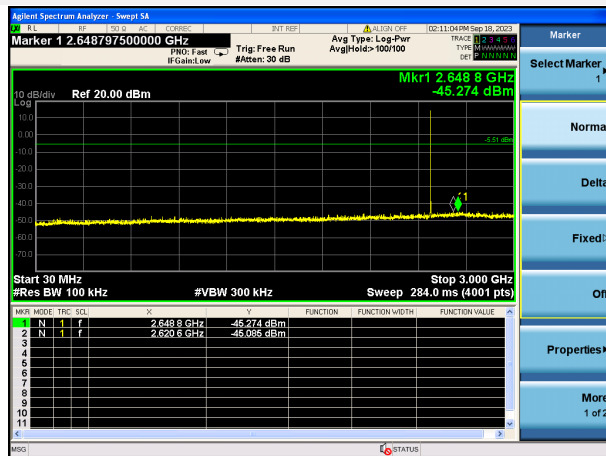
GFSK HIGH CHANNEL, CARRIER LEVEL



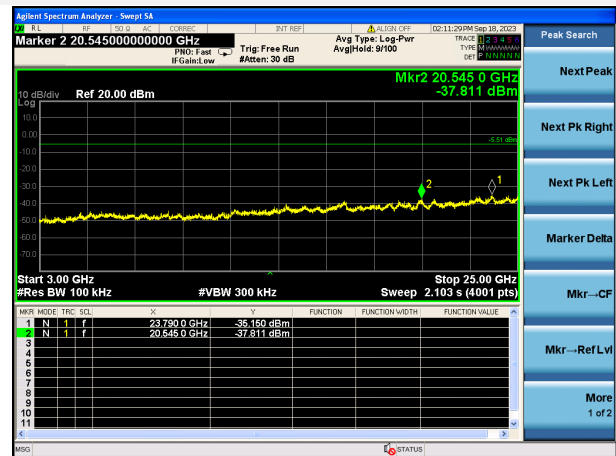
GFSK HIGH CHANNEL, BAND EDGE



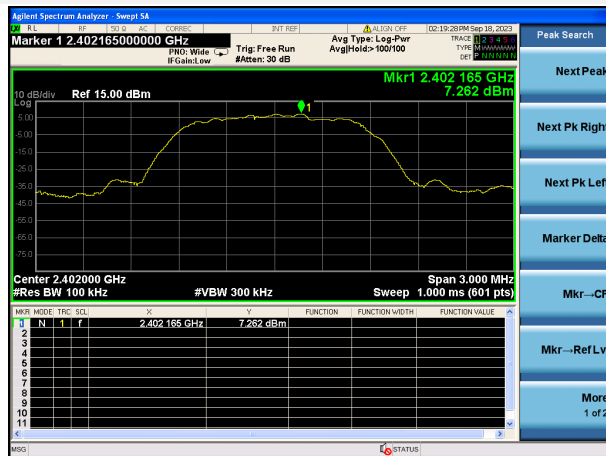
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



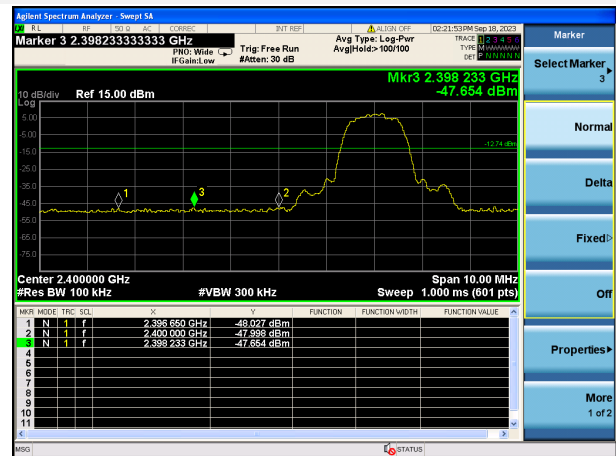
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

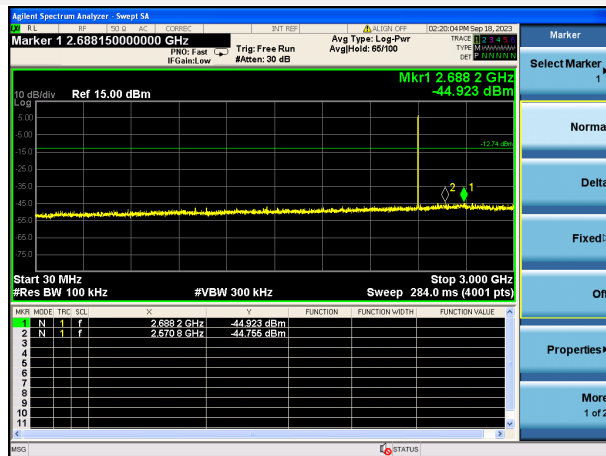


8-DPSK LOW CHANNEL, BAND EDGE



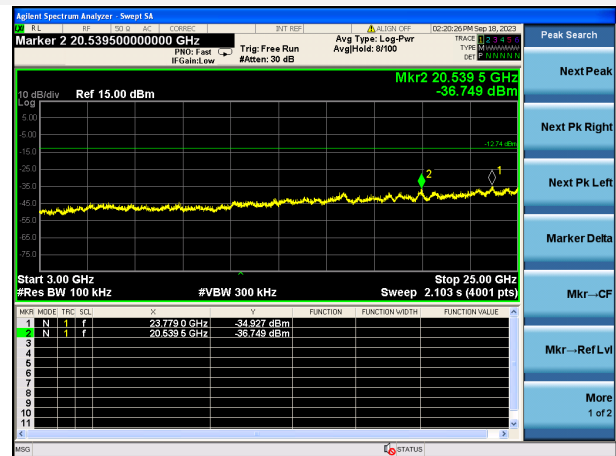
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

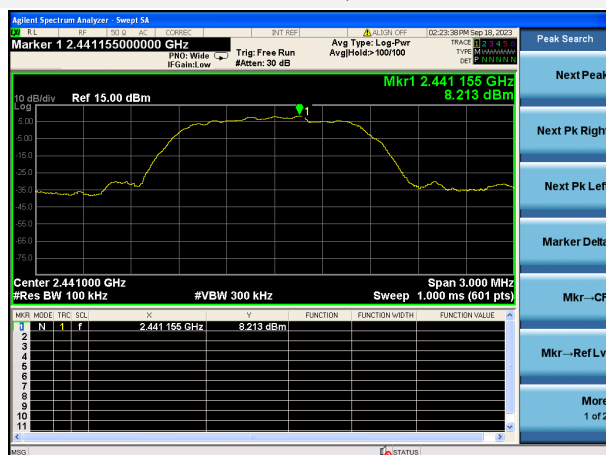


8-DPSK LOW CHANNEL, SPURIOUS

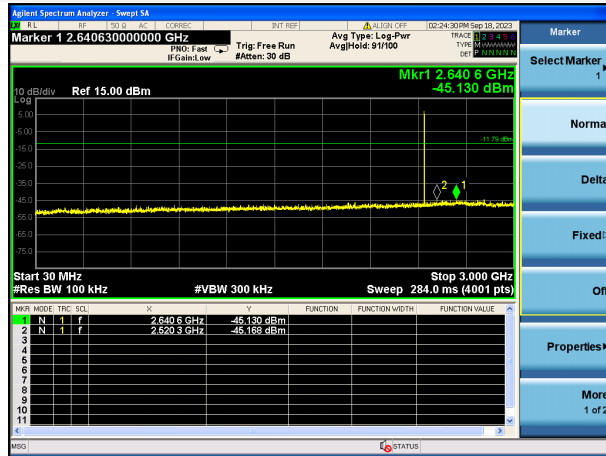
3 GHz ~ 25 GHz



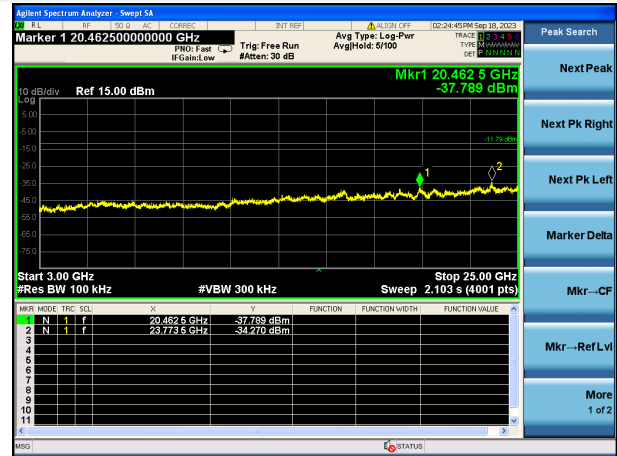
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



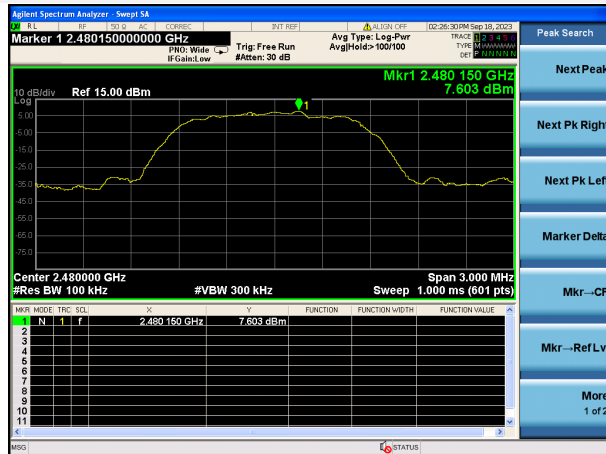
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



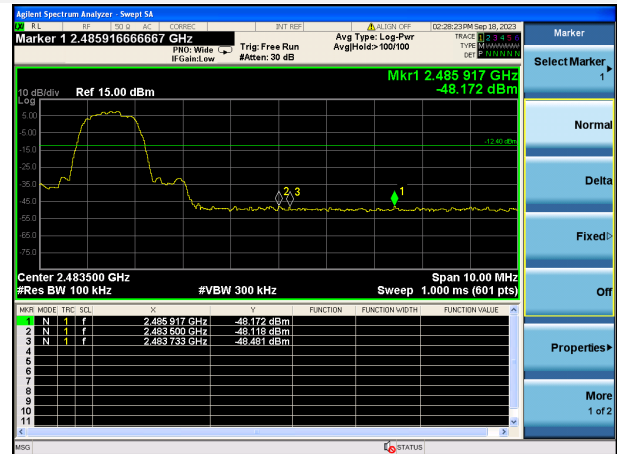
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



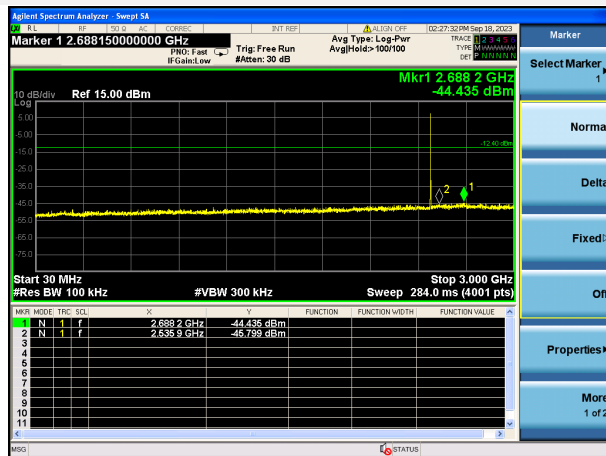
8-DPSK HIGH CHANNEL, CARRIER LEVEL



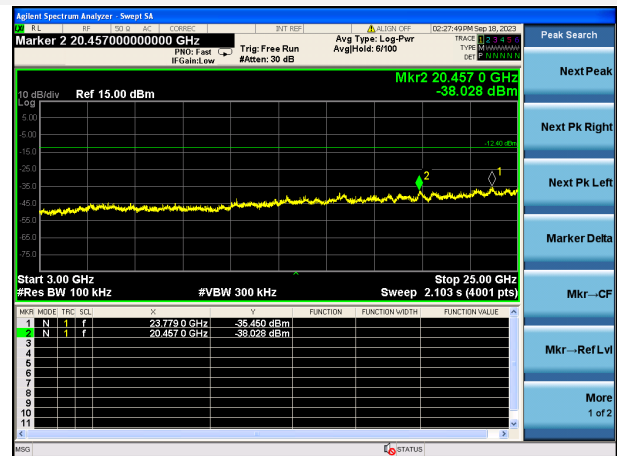
8-DPSK HIGH CHANNEL, BAND EDGE



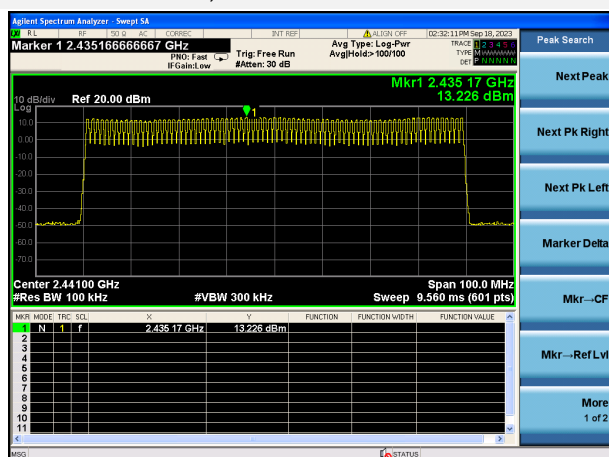
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



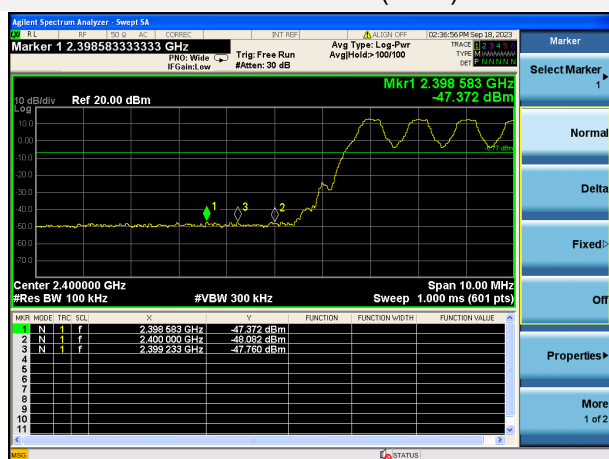
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



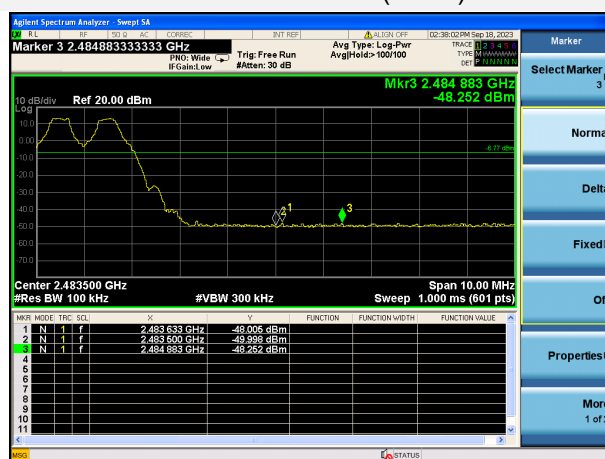
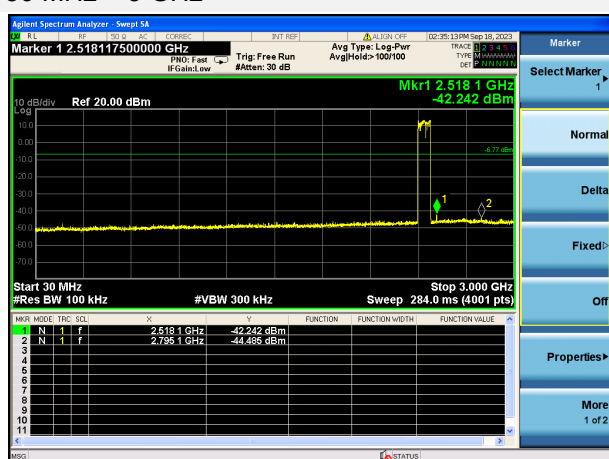
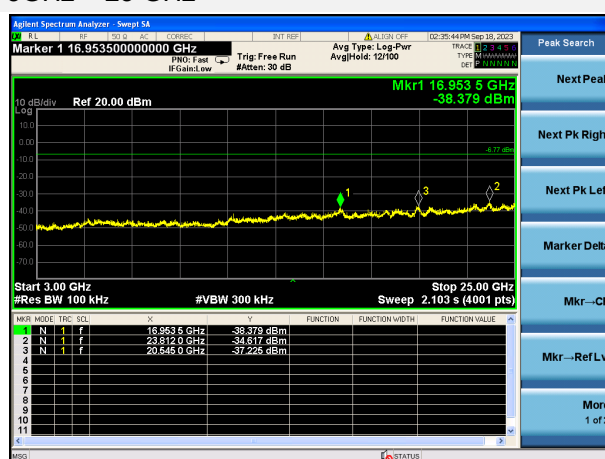
GFSK HOPPING, CARRIER LEVEL



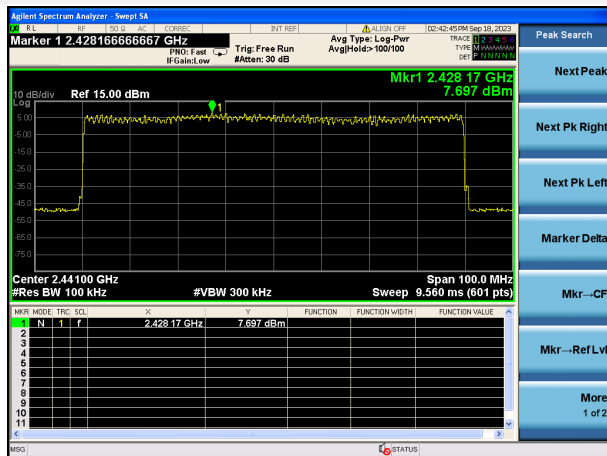
GFSK HOPPING BAND EDGE (LOW)



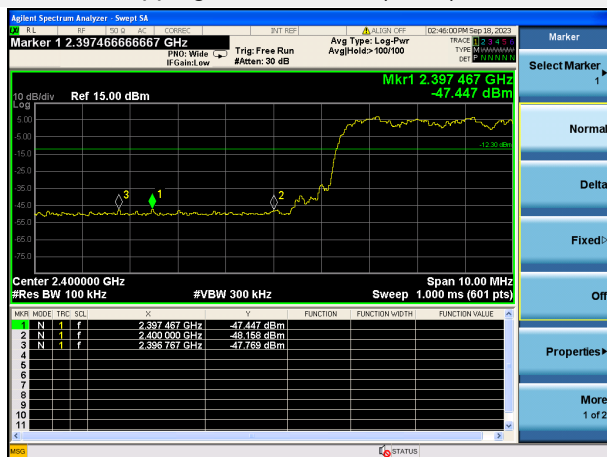
GFSK HOPPING BAND EDGE (HIGH)

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

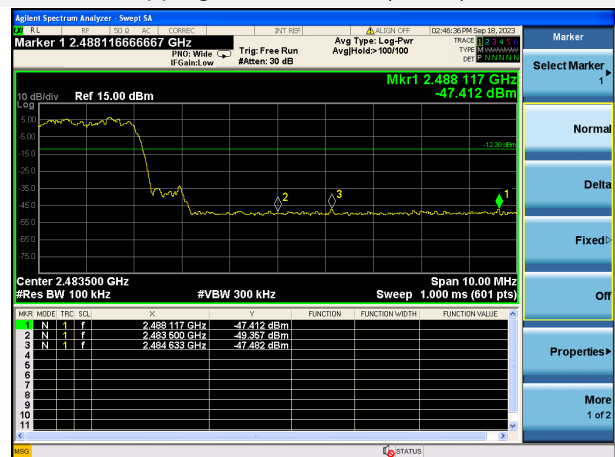
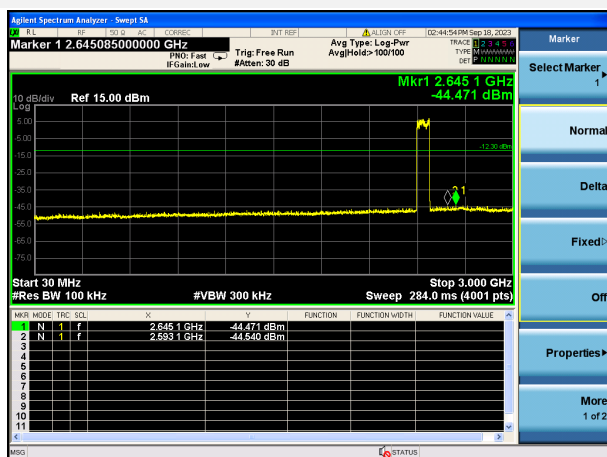
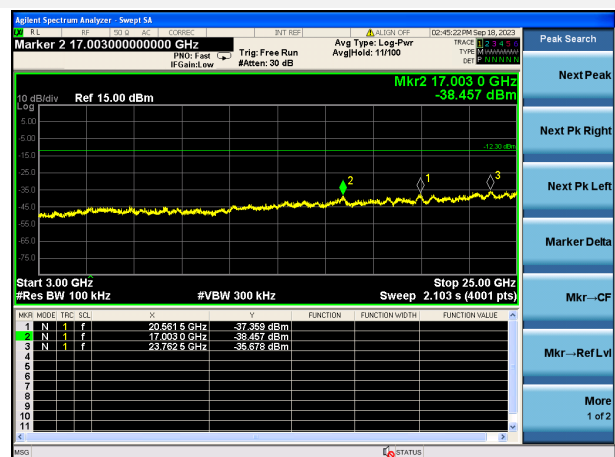
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

A.7 Conducted Emissions

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

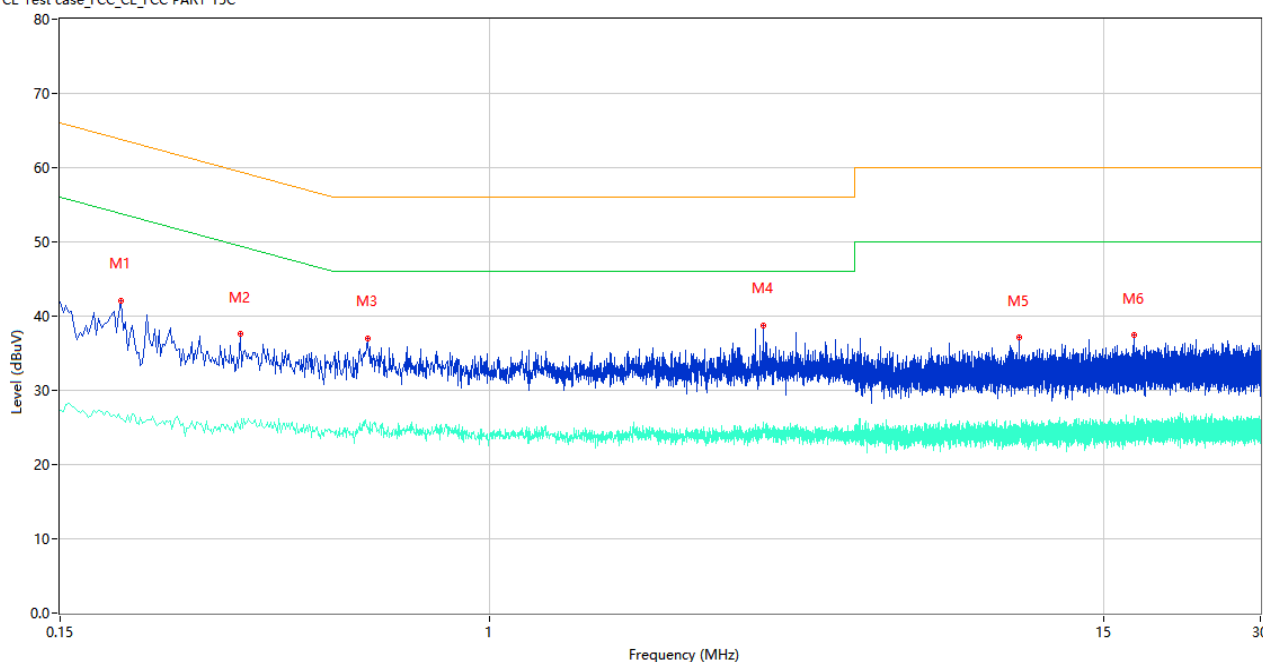
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

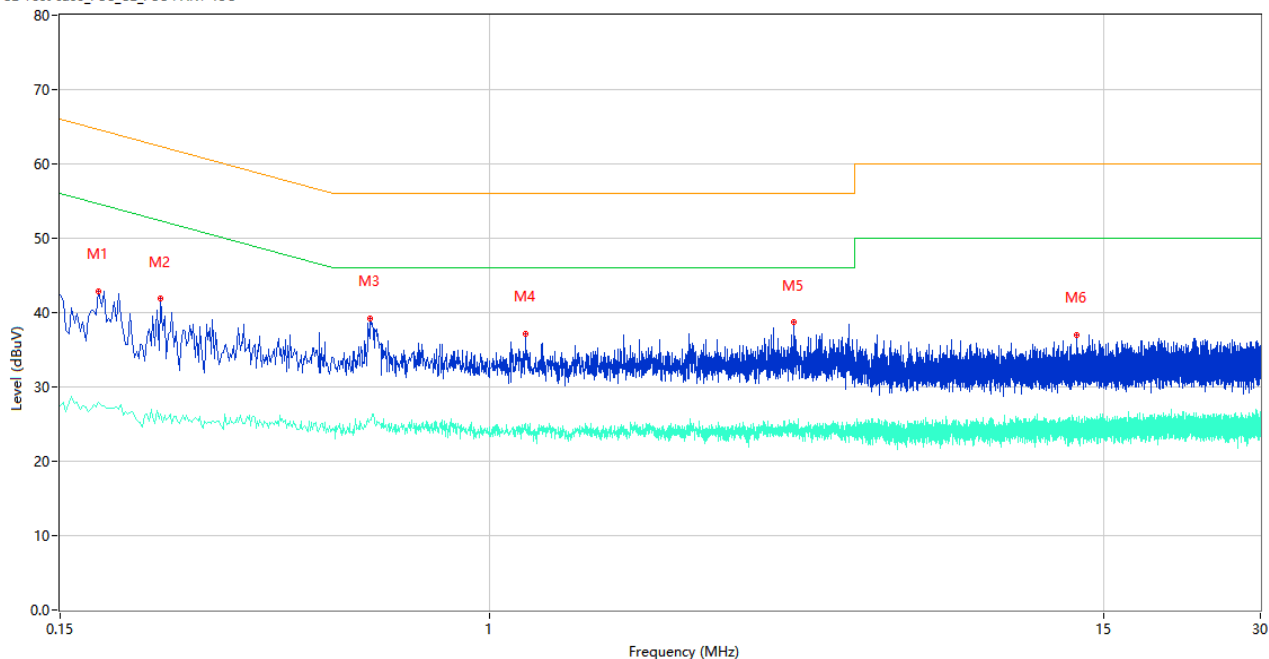
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	42.13	9.77	63.78	21.65	Peak	L	Pass
1**	0.196	26.21	9.77	53.78	27.57	AV	L	Pass
2	0.332	37.64	10.40	59.40	21.76	Peak	L	Pass
2**	0.332	24.78	10.40	49.40	24.62	AV	L	Pass
3	0.582	36.99	10.12	56.00	19.01	Peak	L	Pass
3**	0.582	24.97	10.12	46.00	21.03	AV	L	Pass
4	3.348	38.79	10.43	56.00	17.21	Peak	L	Pass
4**	3.348	25.42	10.43	46.00	20.58	AV	L	Pass
5	10.334	37.07	10.51	60.00	22.93	Peak	L	Pass
5**	10.334	24.13	10.51	50.00	25.87	AV	L	Pass
6	17.146	37.44	10.87	60.00	22.56	Peak	L	Pass
6**	17.146	24.55	10.87	50.00	25.45	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	42.89	9.78	64.58	21.69	Peak	N	Pass
1**	0.178	27.99	9.78	54.58	26.59	AV	N	Pass
2	0.234	41.84	9.77	62.31	20.47	Peak	N	Pass
2**	0.234	26.39	9.77	52.31	25.92	AV	N	Pass
3	0.590	39.22	10.14	56.00	16.78	Peak	N	Pass
3**	0.590	25.62	10.14	46.00	20.38	AV	N	Pass
4	1.168	37.15	10.21	56.00	18.85	Peak	N	Pass
4**	1.168	25.16	10.21	46.00	20.84	AV	N	Pass
5	3.834	38.72	10.30	56.00	17.28	Peak	N	Pass
5**	3.834	24.96	10.30	46.00	21.04	AV	N	Pass
6	13.346	36.96	10.71	60.00	23.04	Peak	N	Pass
6**	13.346	24.50	10.71	50.00	25.50	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.

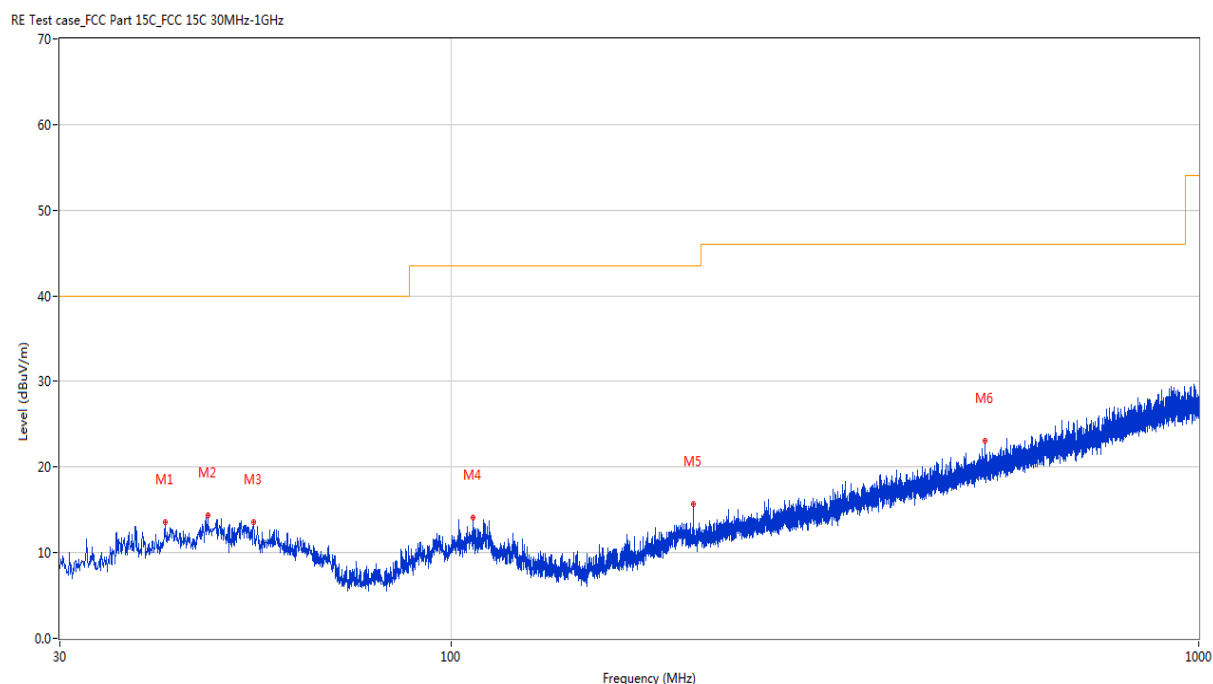
Note ³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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

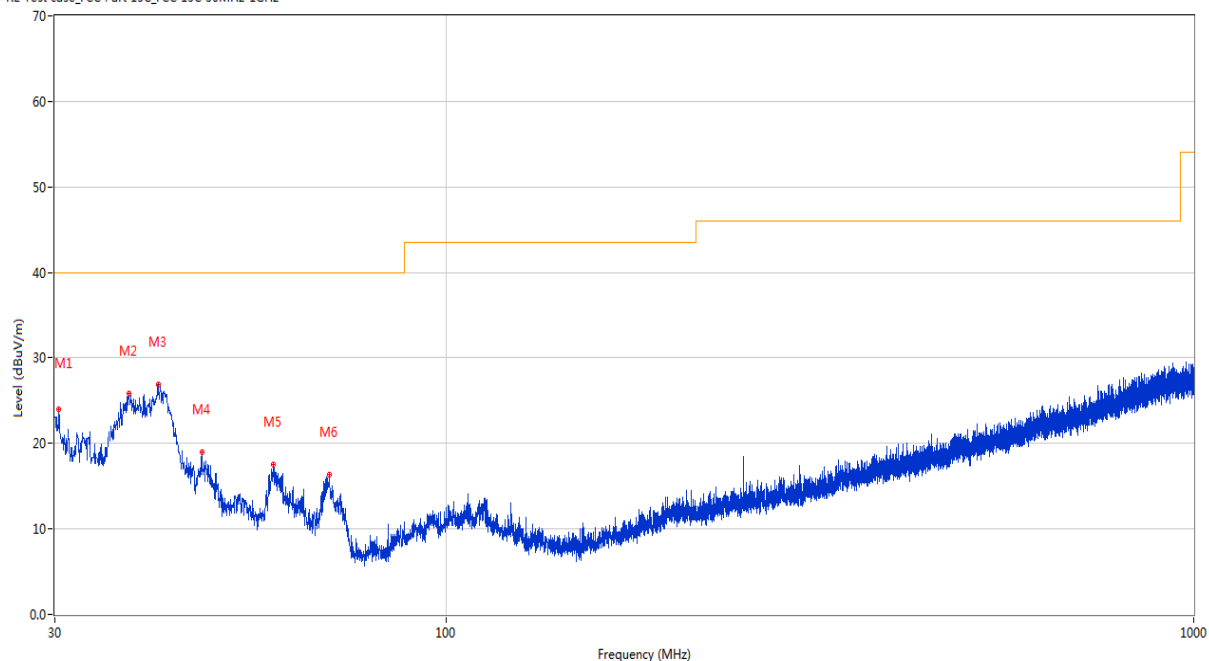
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.446	13.63	-23.64	40.0	26.37	Peak	269.10	200	Horizontal	Pass
2	47.363	14.40	-22.80	40.0	25.60	Peak	144.10	200	Horizontal	Pass
3	54.541	13.55	-23.11	40.0	26.45	Peak	360.00	200	Horizontal	Pass
4	106.969	14.07	-24.18	43.5	29.43	Peak	140.50	100	Horizontal	Pass
5	211.051	15.66	-23.98	43.5	27.84	Peak	172.70	100	Horizontal	Pass
6	517.910	23.02	-16.36	46.0	22.98	Peak	166.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



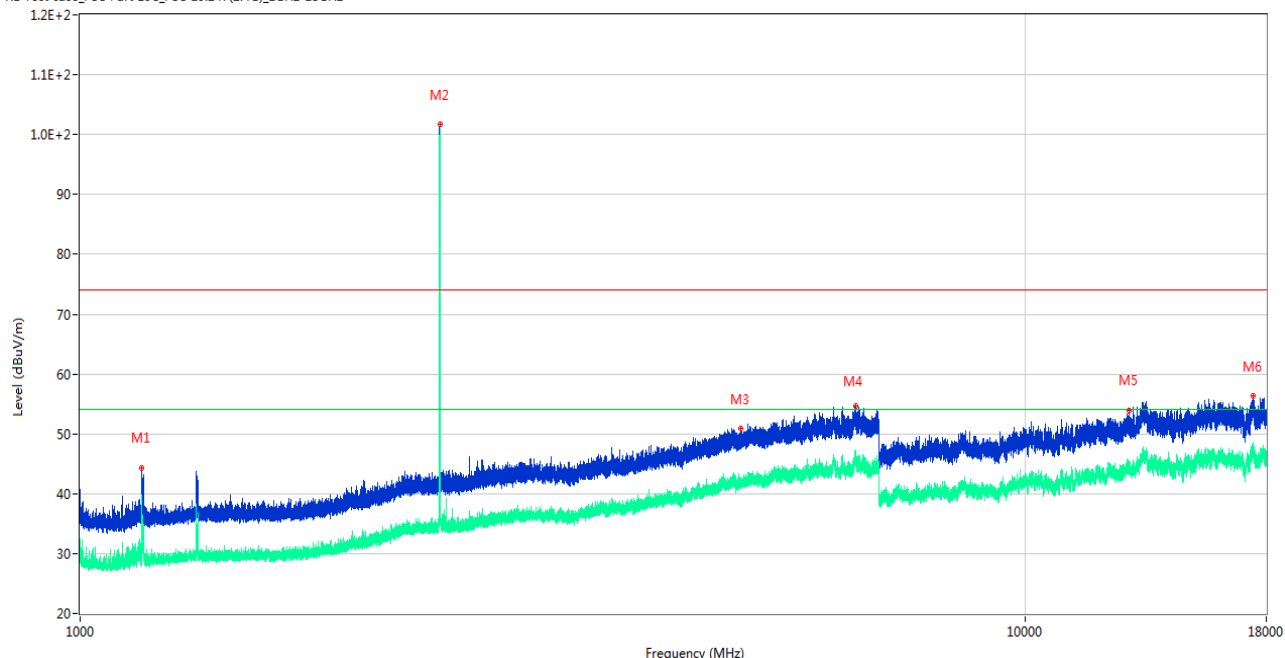
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.388	23.99	-26.07	40.0	16.01	Peak	0.90	100	Vertical	Pass
2	37.663	25.88	-24.54	40.0	14.12	Peak	26.10	100	Vertical	Pass
3	41.203	26.89	-23.72	40.0	13.11	Peak	301.00	100	Vertical	Pass
4	47.218	18.95	-22.83	40.0	21.05	Peak	28.30	100	Vertical	Pass
5	58.858	17.58	-24.04	40.0	22.42	Peak	97.80	100	Vertical	Pass
6	69.818	16.37	-27.12	40.0	23.63	Peak	337.10	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

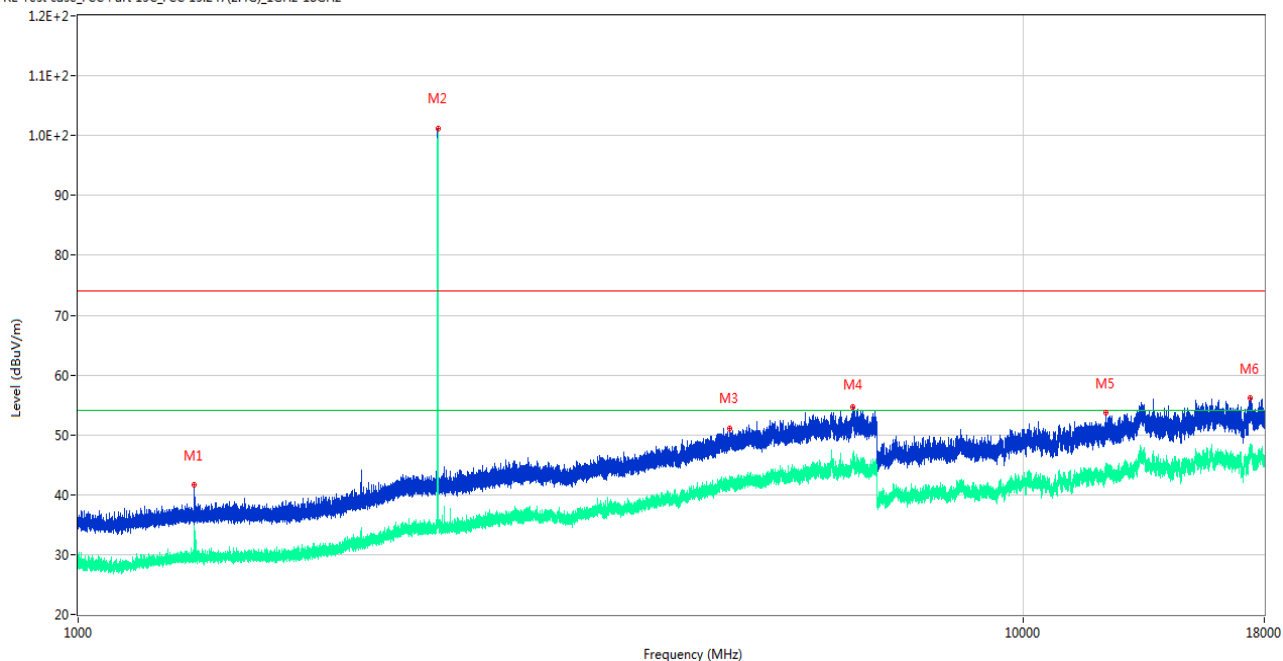
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.500	44.30	-17.97	74.0	29.70	Peak	194.00	300	Horizontal	Pass
1**	1161.500	35.31	-17.97	54.0	18.69	AV	194.00	300	Horizontal	Pass
2	2402.200	101.66	-12.43	74.0	-27.66	Peak	354.00	200	Horizontal	N/A
2**	2402.200	101.03	-12.43	54.0	-47.03	AV	354.00	200	Horizontal	N/A
3	4996.000	50.80	-2.81	74.0	23.20	Peak	230.00	150	Horizontal	Pass
3**	4996.000	41.98	-2.81	54.0	12.02	AV	230.00	150	Horizontal	Pass
4	6611.800	54.63	1.42	74.0	19.37	Peak	327.00	200	Horizontal	Pass
4**	6611.800	45.90	1.42	54.0	8.10	AV	327.00	200	Horizontal	Pass
5	12900.938	53.99	1.47	74.0	20.01	Peak	206.00	400	Horizontal	Pass
5**	12900.938	45.50	1.47	54.0	8.50	AV	206.00	400	Horizontal	Pass
6	17423.026	56.29	3.67	74.0	17.71	Peak	206.00	200	Horizontal	Pass
6**	17423.026	46.99	3.67	54.0	7.01	AV	206.00	200	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

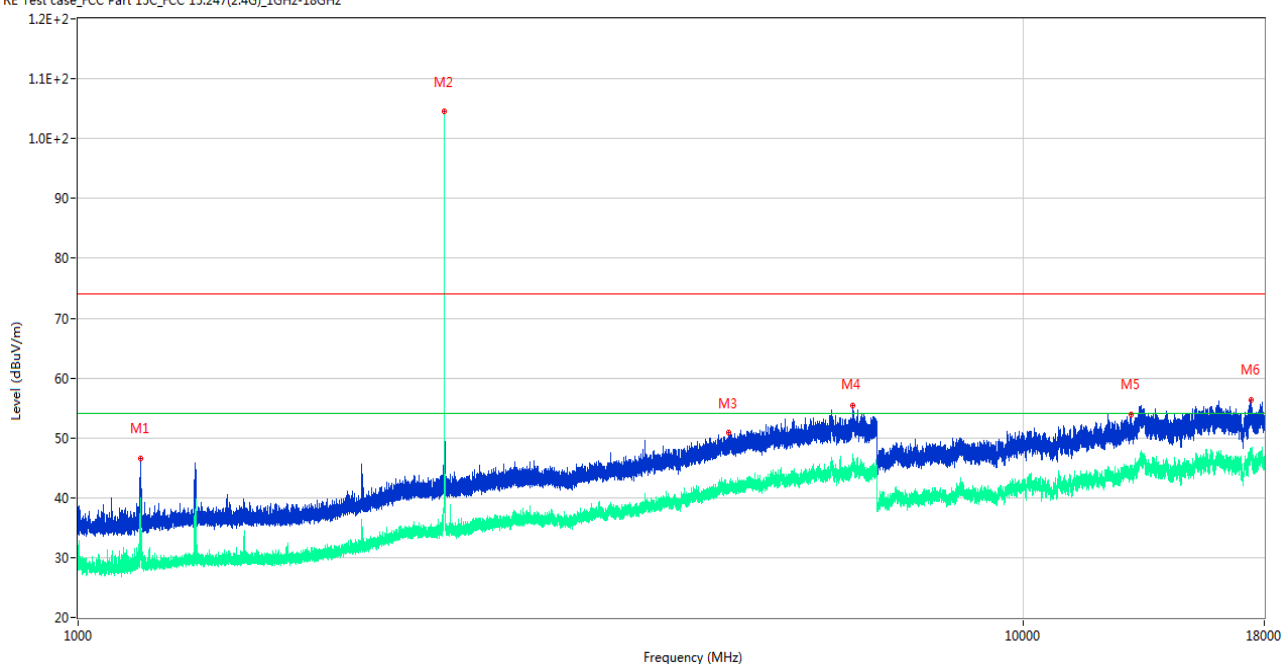
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.200	41.64	-17.57	74.0	32.36	Peak	141.00	100	Vertical	Pass
1**	1327.200	30.02	-17.57	54.0	23.98	AV	141.00	100	Vertical	Pass
2	2401.900	101.20	-12.47	74.0	-27.20	Peak	329.00	100	Vertical	N/A
2**	2401.900	100.54	-12.47	54.0	-46.54	AV	329.00	100	Vertical	N/A
3	4887.000	51.08	-3.49	74.0	22.92	Peak	126.00	100	Vertical	Pass
3**	4887.000	41.13	-3.49	54.0	12.87	AV	126.00	100	Vertical	Pass
4	6608.600	54.56	1.59	74.0	19.44	Peak	88.00	100	Vertical	Pass
4**	6608.600	46.14	1.59	54.0	7.86	AV	88.00	100	Vertical	Pass
5	12236.812	53.65	1.12	74.0	20.35	Peak	104.00	200	Vertical	Pass
5**	12236.812	43.23	1.12	54.0	10.77	AV	104.00	200	Vertical	Pass
6	17408.063	56.14	3.40	74.0	17.86	Peak	0.00	200	Vertical	Pass
6**	17408.063	47.47	3.40	54.0	6.53	AV	0.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

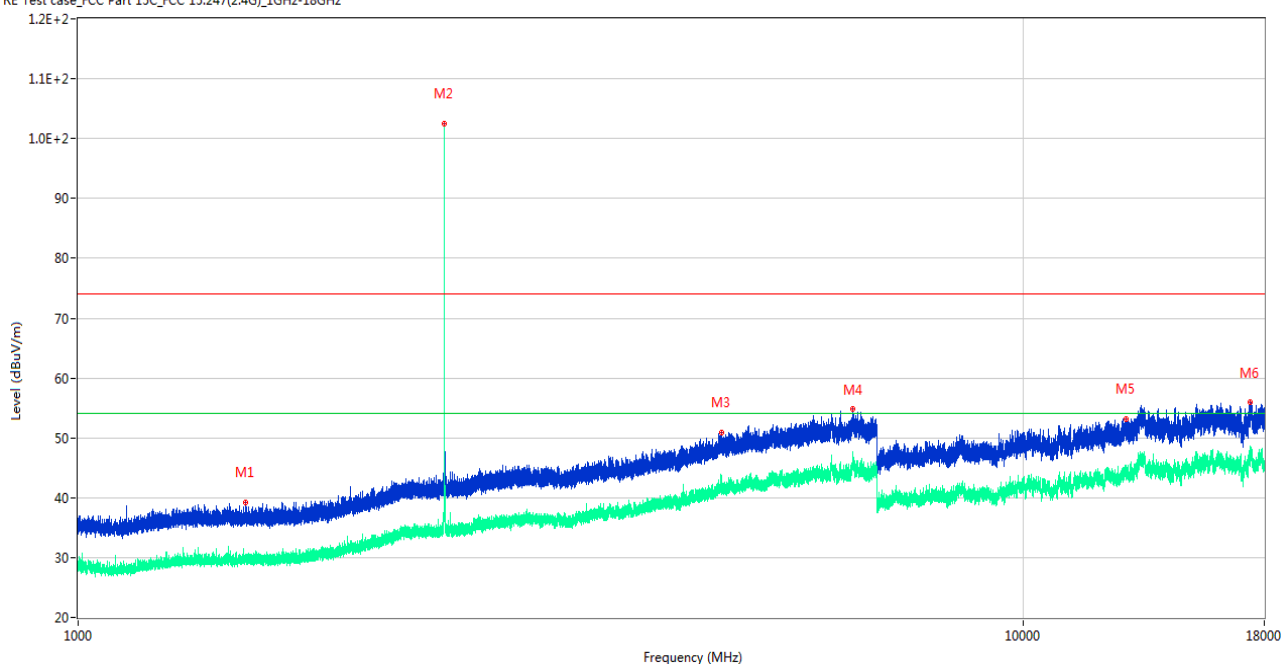
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.600	46.61	-18.03	74.0	27.39	Peak	23.00	200	Horizontal	Pass
1**	1165.600	35.03	-18.03	54.0	18.97	AV	23.00	200	Horizontal	Pass
2	2441.000	104.54	-12.44	74.0	-30.54	Peak	360.00	200	Horizontal	N/A
2**	2441.000	104.11	-12.44	54.0	-50.11	AV	360.00	200	Horizontal	N/A
3	4881.600	50.84	-3.37	74.0	23.16	Peak	321.00	200	Horizontal	Pass
3**	4881.600	42.17	-3.37	54.0	11.83	AV	321.00	200	Horizontal	Pass
4	6606.000	55.41	1.35	74.0	18.59	Peak	173.00	300	Horizontal	Pass
4**	6606.000	46.31	1.35	54.0	7.69	AV	173.00	300	Horizontal	Pass
5	12999.375	53.95	1.37	74.0	20.05	Peak	25.00	400	Horizontal	Pass
5**	12999.375	43.79	1.37	54.0	10.21	AV	25.00	400	Horizontal	Pass
6	17454.000	56.42	2.84	74.0	17.58	Peak	25.00	200	Horizontal	Pass
6**	17454.000	47.62	2.84	54.0	6.38	AV	25.00	200	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

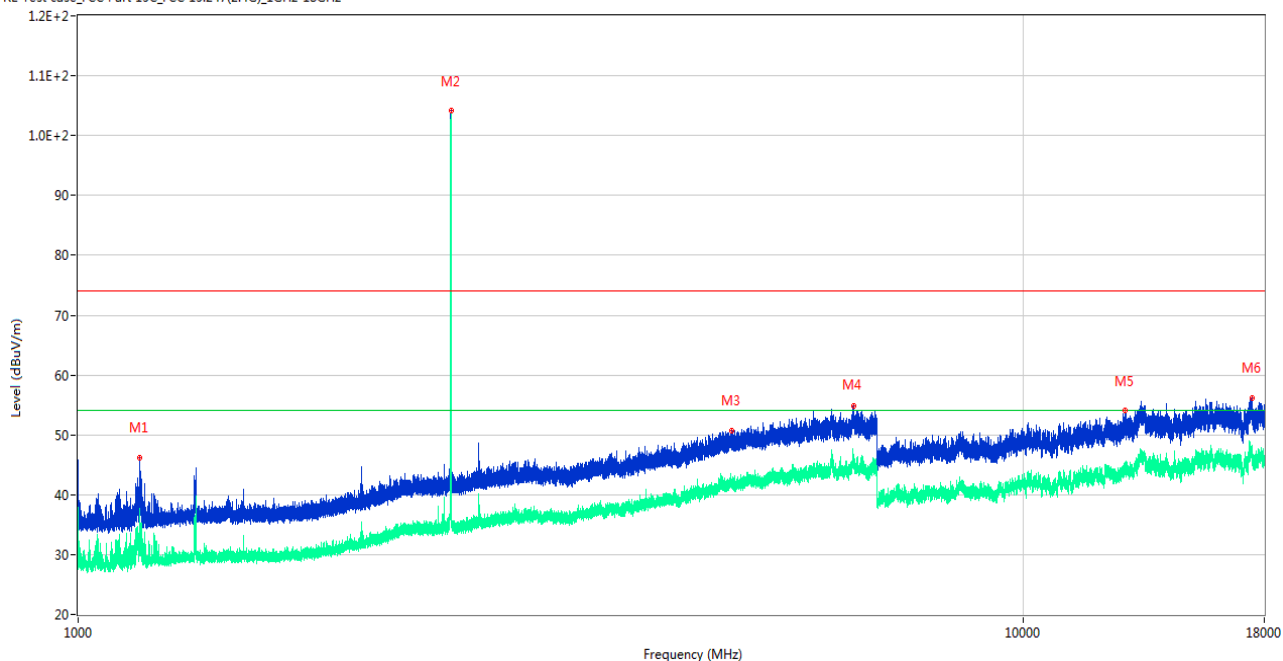
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.200	39.22	-17.43	74.0	34.78	Peak	245.00	100	Vertical	Pass
1**	1503.200	30.41	-17.43	54.0	23.59	AV	245.00	100	Vertical	Pass
2	2441.000	102.49	-12.44	74.0	-28.49	Peak	322.00	100	Vertical	N/A
2**	2441.000	102.04	-12.44	54.0	-48.04	AV	322.00	100	Vertical	N/A
3	4800.600	50.95	-2.86	74.0	23.05	Peak	288.00	200	Vertical	Pass
3**	4800.600	41.35	-2.86	54.0	12.65	AV	288.00	200	Vertical	Pass
4	6610.000	54.93	1.53	74.0	19.07	Peak	268.00	400	Vertical	Pass
4**	6610.000	45.75	1.53	54.0	8.25	AV	268.00	400	Vertical	Pass
5	12855.000	53.18	1.42	74.0	20.82	Peak	360.00	300	Vertical	Pass
5**	12855.000	43.94	1.42	54.0	10.06	AV	360.00	300	Vertical	Pass
6	17400.975	55.91	3.20	74.0	18.09	Peak	120.00	300	Vertical	Pass
6**	17400.975	46.99	3.20	54.0	7.01	AV	120.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

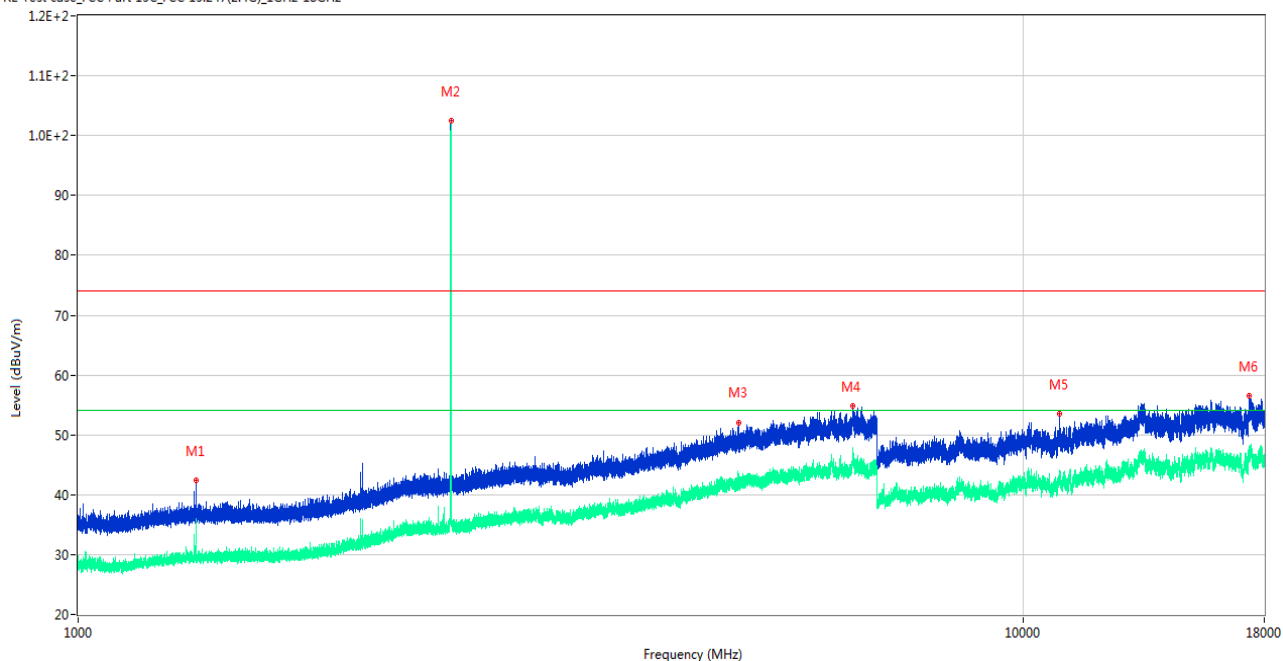
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.200	46.20	-17.99	74.0	27.80	Peak	44.00	400	Horizontal	Pass
1**	1161.200	31.75	-17.99	54.0	22.25	AV	44.00	400	Horizontal	Pass
2	2480.000	104.11	-12.02	74.0	-30.11	Peak	349.00	200	Horizontal	N/A
2**	2480.000	103.56	-12.02	54.0	-49.56	AV	349.00	200	Horizontal	N/A
3	4914.800	50.75	-2.64	74.0	23.25	Peak	44.00	150	Horizontal	Pass
3**	4914.800	42.24	-2.64	54.0	11.76	AV	44.00	150	Horizontal	Pass
4	6612.200	54.90	1.40	74.0	19.10	Peak	198.00	300	Horizontal	Pass
4**	6612.200	46.39	1.40	54.0	7.61	AV	198.00	300	Horizontal	Pass
5	12833.738	54.06	1.23	74.0	19.94	Peak	18.00	100	Horizontal	Pass
5**	12833.738	43.85	1.23	54.0	10.15	AV	18.00	100	Horizontal	Pass
6	17477.364	56.17	2.79	74.0	17.83	Peak	57.00	100	Horizontal	Pass
6**	17477.364	46.58	2.79	54.0	7.42	AV	57.00	100	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

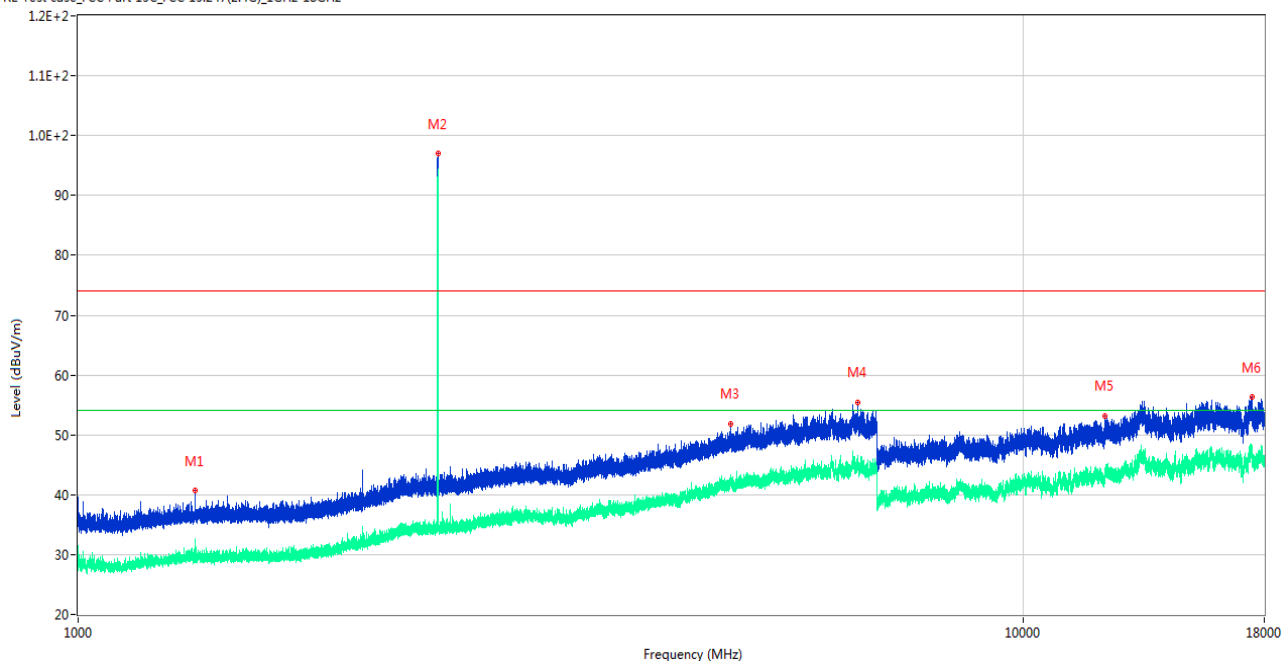
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	42.39	-17.51	74.0	31.61	Peak	132.00	200	Vertical	Pass
1**	1332.100	30.41	-17.51	54.0	23.59	AV	132.00	200	Vertical	Pass
2	2479.900	102.40	-12.03	74.0	-28.40	Peak	323.00	150	Vertical	N/A
2**	2479.900	101.77	-12.03	54.0	-47.77	AV	323.00	150	Vertical	N/A
3	4997.600	52.11	-2.71	74.0	21.89	Peak	231.00	200	Vertical	Pass
3**	4997.600	42.10	-2.71	54.0	11.90	AV	231.00	200	Vertical	Pass
4	6607.200	54.82	1.50	74.0	19.18	Peak	327.00	300	Vertical	Pass
4**	6607.200	46.20	1.50	54.0	7.80	AV	327.00	300	Vertical	Pass
5	10938.174	53.50	-0.04	74.0	20.50	Peak	350.00	200	Vertical	Pass
5**	10938.174	42.62	-0.04	54.0	11.38	AV	350.00	200	Vertical	Pass
6	17357.400	56.45	2.15	74.0	17.55	Peak	0.00	200	Vertical	Pass
6**	17357.400	47.49	2.15	54.0	6.51	AV	0.00	200	Vertical	Pass

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

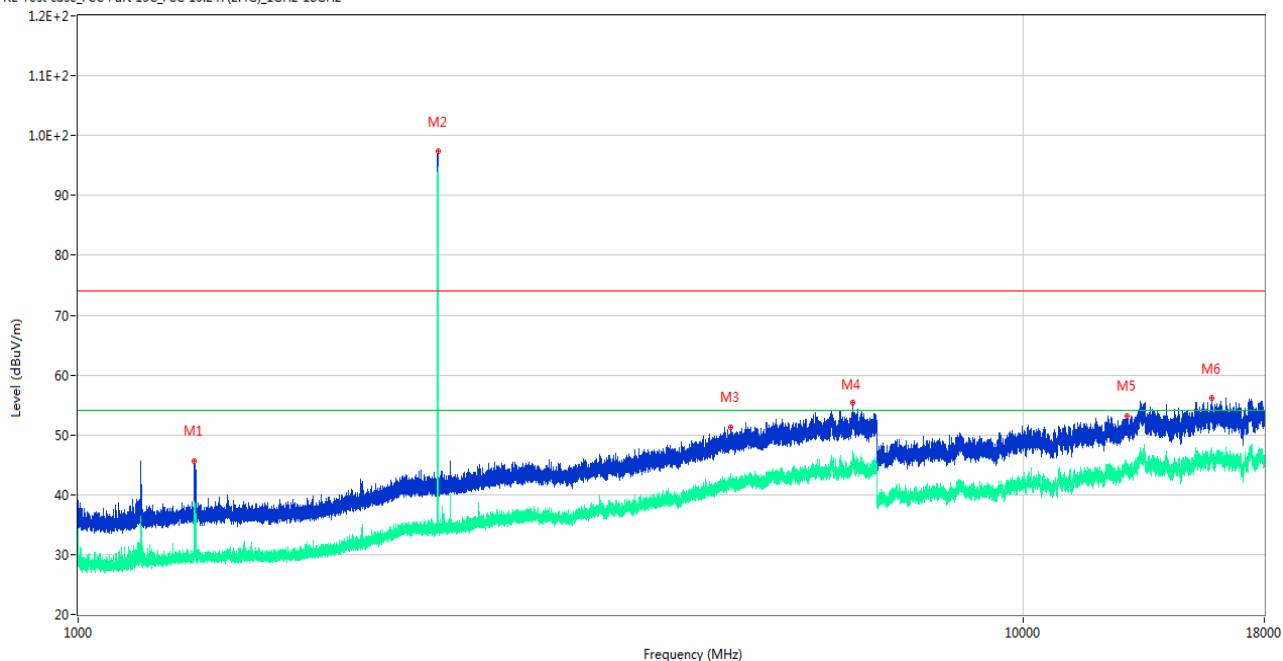
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	40.68	-17.54	74.0	33.32	Peak	138.00	200	Horizontal	Pass
1**	1329.900	29.86	-17.54	54.0	24.14	AV	138.00	200	Horizontal	Pass
2	2402.000	96.96	-12.46	74.0	-22.96	Peak	329.00	100	Horizontal	N/A
2**	2402.000	94.14	-12.46	54.0	-40.14	AV	329.00	100	Horizontal	N/A
3	4905.800	51.91	-2.29	74.0	22.09	Peak	177.00	200	Horizontal	Pass
3**	4905.800	42.37	-2.29	54.0	11.63	AV	177.00	200	Horizontal	Pass
4	6678.600	55.43	0.22	74.0	18.57	Peak	131.00	400	Horizontal	Pass
4**	6678.600	45.24	0.22	54.0	8.76	AV	131.00	400	Horizontal	Pass
5	12218.700	53.19	1.21	74.0	20.81	Peak	158.00	100	Horizontal	Pass
5**	12218.700	43.52	1.21	54.0	10.48	AV	158.00	100	Horizontal	Pass
6	17459.511	56.32	2.84	74.0	17.68	Peak	24.00	100	Horizontal	Pass
6**	17459.511	47.06	2.84	54.0	6.94	AV	24.00	100	Horizontal	Pass

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

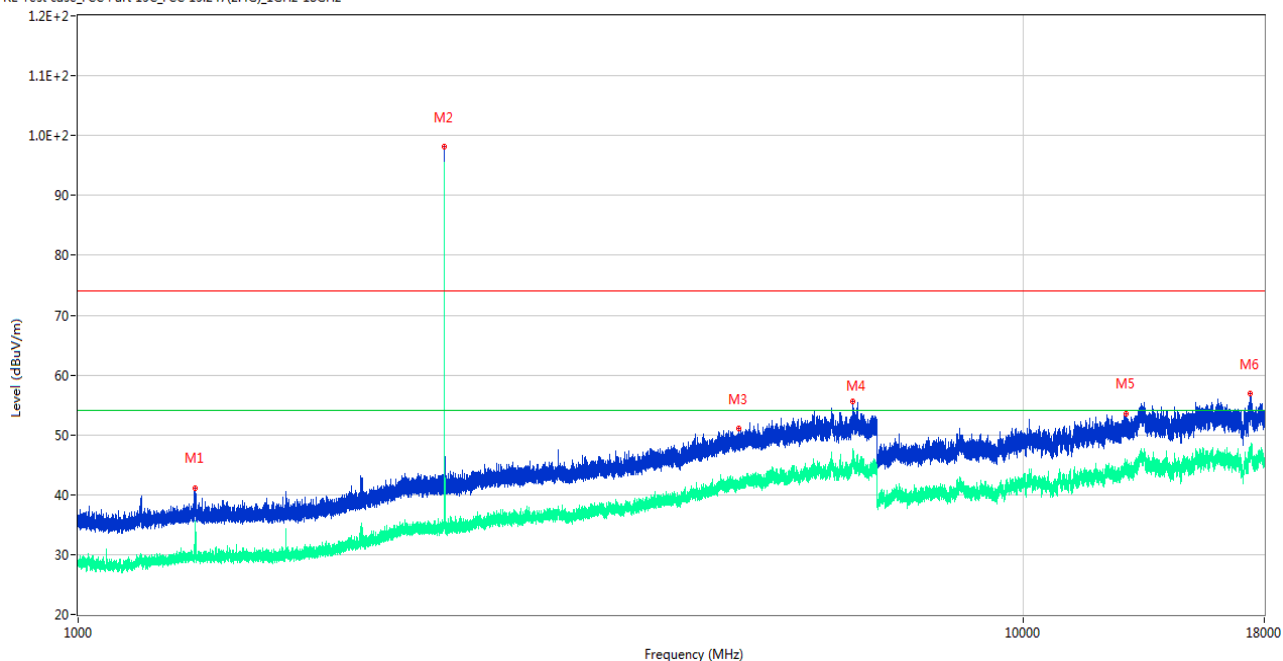
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.800	45.70	-17.64	74.0	28.30	Peak	196.00	400	Vertical	Pass
1**	1327.800	31.16	-17.64	54.0	22.84	AV	196.00	400	Vertical	Pass
2	2402.200	97.33	-12.43	74.0	-23.33	Peak	354.00	100	Vertical	N/A
2**	2402.200	94.37	-12.43	54.0	-40.37	AV	354.00	100	Vertical	N/A
3	4899.000	51.29	-2.63	74.0	22.71	Peak	72.00	200	Vertical	Pass
3**	4899.000	42.43	-2.63	54.0	11.57	AV	72.00	200	Vertical	Pass
4	6597.200	55.37	-0.29	74.0	18.63	Peak	305.00	300	Vertical	Pass
4**	6597.200	44.55	-0.29	54.0	9.45	AV	305.00	300	Vertical	Pass
5	12889.650	53.17	1.58	74.0	20.83	Peak	273.00	200	Vertical	Pass
5**	12889.650	44.76	1.58	54.0	9.24	AV	273.00	200	Vertical	Pass
6	15853.013	56.13	1.25	74.0	17.87	Peak	337.00	400	Vertical	Pass
6**	15853.013	46.86	1.25	54.0	7.14	AV	337.00	400	Vertical	Pass

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

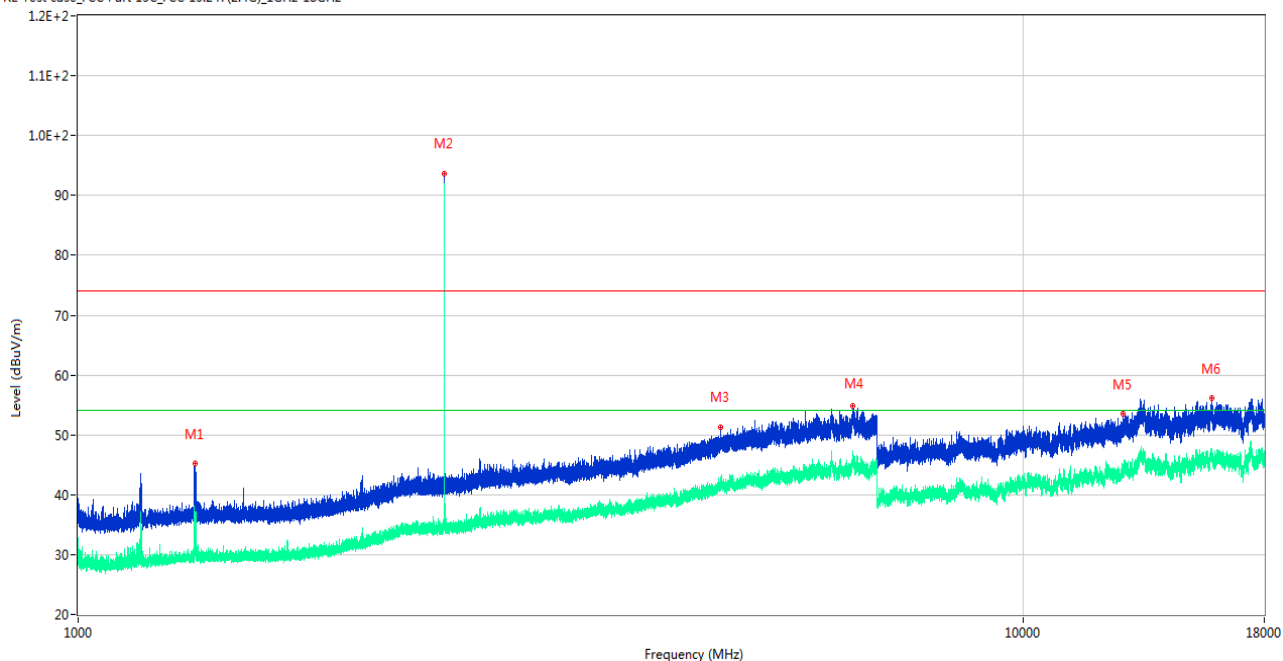
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	41.09	-17.65	74.0	32.91	Peak	137.00	400	Horizontal	Pass
1**	1328.800	30.00	-17.65	54.0	24.00	AV	137.00	400	Horizontal	Pass
2	2440.900	98.07	-12.43	74.0	-24.07	Peak	75.00	150	Horizontal	N/A
2**	2440.900	94.73	-12.43	54.0	-40.73	AV	75.00	150	Horizontal	N/A
3	4999.200	51.05	-2.80	74.0	22.95	Peak	190.00	100	Horizontal	Pass
3**	4999.200	41.52	-2.80	54.0	12.48	AV	190.00	100	Horizontal	Pass
4	6607.600	55.59	1.52	74.0	18.41	Peak	342.00	300	Horizontal	Pass
4**	6607.600	46.40	1.52	54.0	7.60	AV	342.00	300	Horizontal	Pass
5	12841.612	53.60	1.33	74.0	20.40	Peak	15.00	100	Horizontal	Pass
5**	12841.612	44.27	1.33	54.0	9.73	AV	15.00	100	Horizontal	Pass
6	17411.213	56.89	3.49	74.0	17.11	Peak	0.00	300	Horizontal	Pass
6**	17411.213	46.65	3.49	54.0	7.35	AV	0.00	300	Horizontal	Pass

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

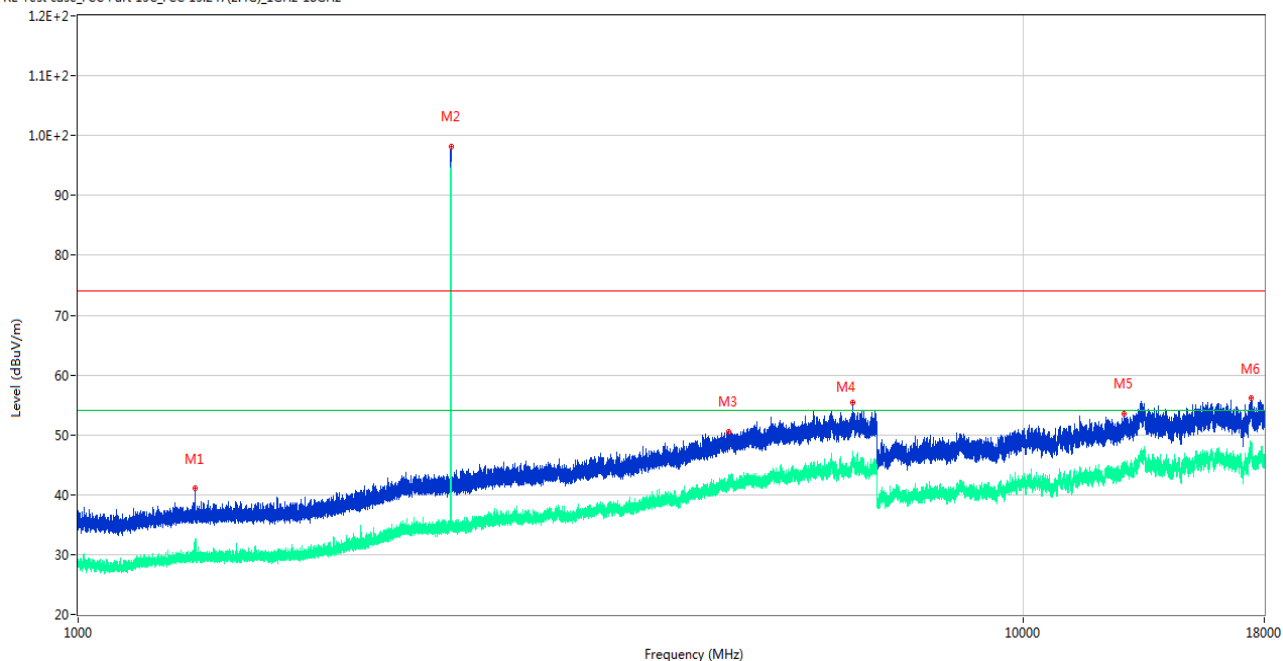
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	45.17	-17.62	74.0	28.83	Peak	71.00	200	Vertical	Pass
1**	1329.100	34.40	-17.62	54.0	19.60	AV	71.00	200	Vertical	Pass
2	2440.800	93.68	-12.43	74.0	-19.68	Peak	112.00	200	Vertical	N/A
2**	2440.800	90.70	-12.43	54.0	-36.70	AV	112.00	200	Vertical	N/A
3	4785.000	51.35	-2.70	74.0	22.65	Peak	19.00	200	Vertical	Pass
3**	4785.000	42.12	-2.70	54.0	11.88	AV	19.00	200	Vertical	Pass
4	6605.800	54.92	1.32	74.0	19.08	Peak	32.00	400	Vertical	Pass
4**	6605.800	46.46	1.32	54.0	7.54	AV	32.00	400	Vertical	Pass
5	12750.000	50.76	1.12	74.0	23.24	Peak	224.00	400	Vertical	Pass
5**	12750.000	43.85	1.12	54.0	10.15	AV	224.00	400	Vertical	Pass
6	15846.450	56.09	1.36	74.0	17.91	Peak	252.00	200	Vertical	Pass
6**	15846.450	46.70	1.36	54.0	7.30	AV	252.00	200	Vertical	Pass

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

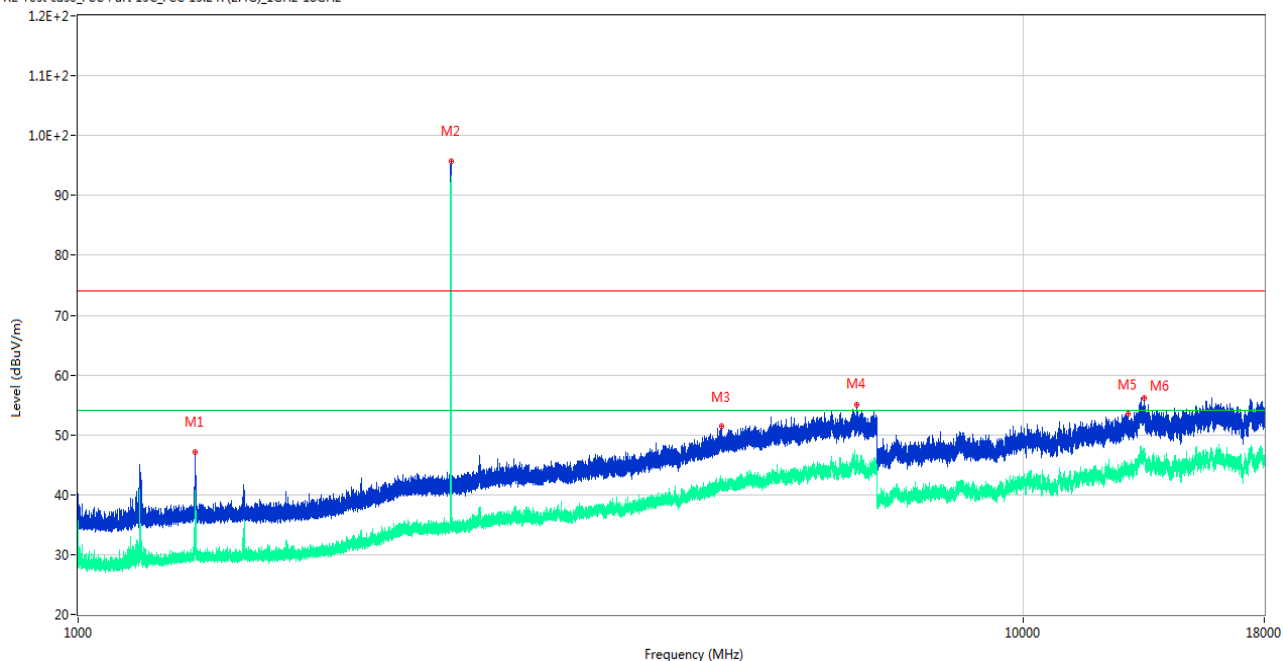
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	41.03	-17.49	74.0	32.97	Peak	139.00	400	Horizontal	Pass
1**	1331.100	31.00	-17.49	54.0	23.00	AV	139.00	400	Horizontal	Pass
2	2480.000	98.21	-12.02	74.0	-24.21	Peak	108.00	150	Horizontal	N/A
2**	2480.000	94.97	-12.02	54.0	-40.97	AV	108.00	150	Horizontal	N/A
3	4878.200	50.53	-3.43	74.0	23.47	Peak	134.00	200	Horizontal	Pass
3**	4878.200	41.23	-3.43	54.0	12.77	AV	134.00	200	Horizontal	Pass
4	6607.000	55.49	1.48	74.0	18.51	Peak	59.00	400	Horizontal	Pass
4**	6607.000	46.58	1.48	54.0	7.42	AV	59.00	400	Horizontal	Pass
5	12803.025	53.52	0.99	74.0	20.48	Peak	360.00	100	Horizontal	Pass
5**	12803.025	44.91	0.99	54.0	9.09	AV	360.00	100	Horizontal	Pass
6	17443.238	56.13	2.92	74.0	17.87	Peak	220.00	200	Horizontal	Pass
6**	17443.238	46.94	2.92	54.0	7.06	AV	220.00	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	1329.700	47.12	-17.56	74.0	26.88	Peak	72.00	100	Vertical	Pass
1**	1329.700	40.10	-17.56	54.0	13.90	AV	72.00	100	Vertical	Pass
2	2479.800	95.79	-12.03	74.0	-21.79	Peak	113.00	150	Vertical	N/A
2**	2479.800	92.50	-12.03	54.0	-38.50	AV	113.00	150	Vertical	N/A
3	4793.400	51.37	-2.36	74.0	22.63	Peak	60.00	200	Vertical	Pass
3**	4793.400	41.65	-2.36	54.0	12.35	AV	60.00	200	Vertical	Pass
4	6666.400	55.06	-0.21	74.0	18.94	Peak	300.00	400	Vertical	Pass
4**	6666.400	45.41	-0.21	54.0	8.59	AV	300.00	400	Vertical	Pass
5	12902.776	53.51	1.46	74.0	20.49	Peak	0.00	100	Vertical	Pass
5**	12902.776	44.13	1.46	54.0	9.87	AV	0.00	100	Vertical	Pass
6	13451.400	56.16	0.61	74.0	17.84	Peak	27.00	400	Vertical	Pass
6**	13451.400	46.49	0.61	54.0	7.51	AV	27.00	400	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.

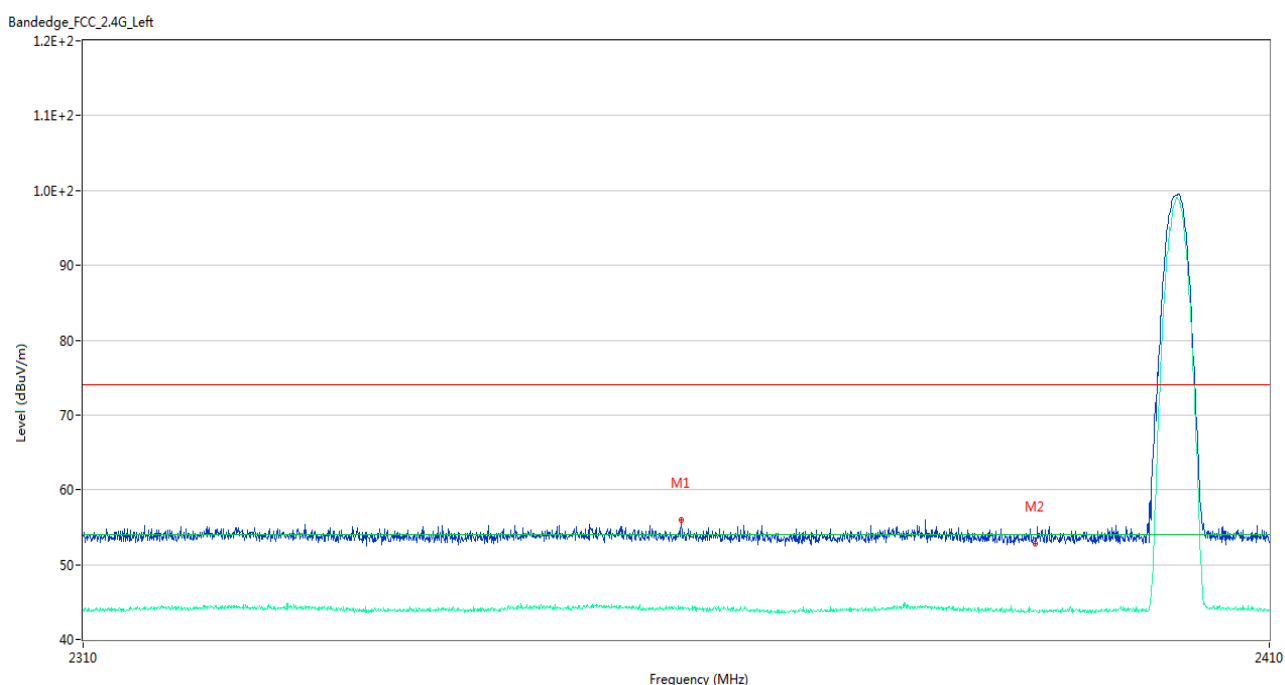
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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.

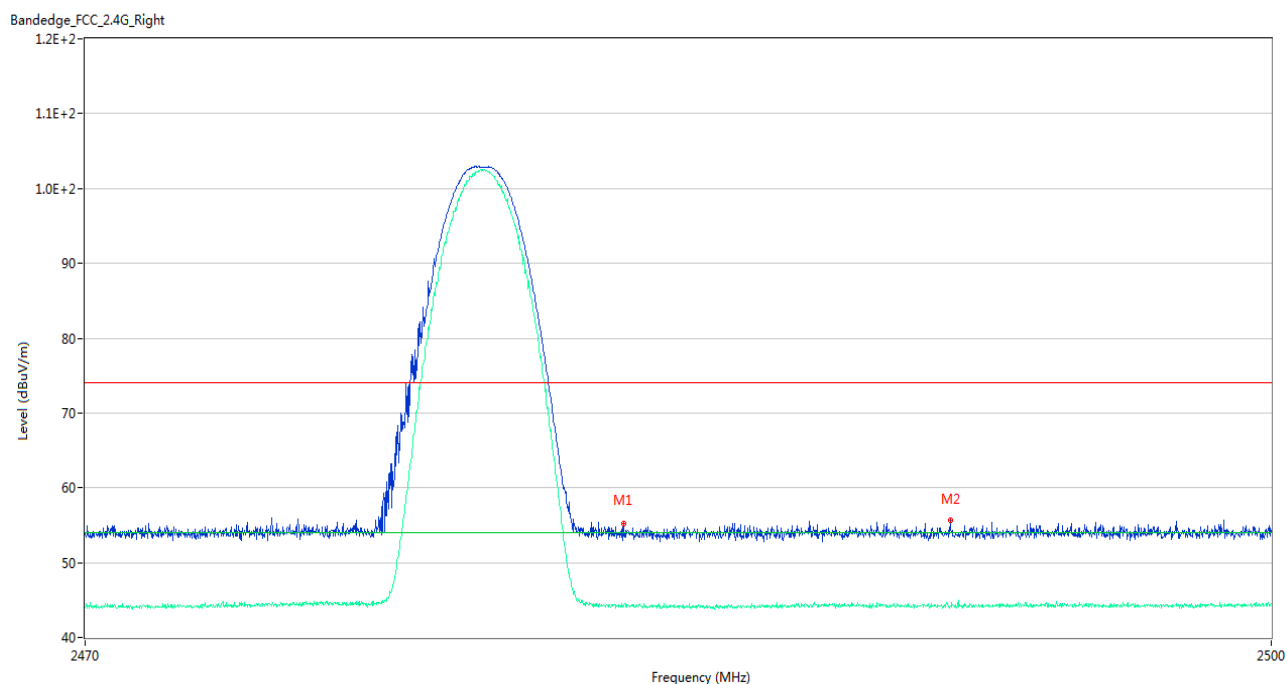
Test Data and Plots

GFSK LOW CHANNEL



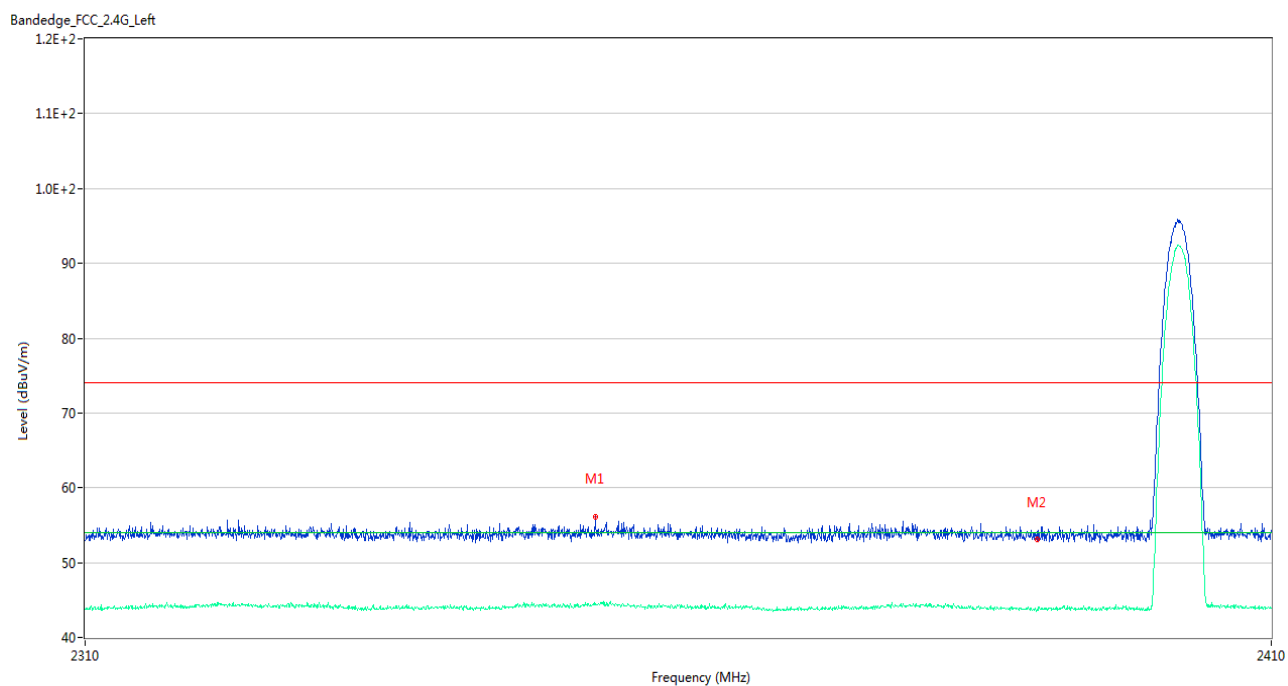
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2359.900	55.93	-0.25	74.0	18.07	Peak	262.00	150	Horizontal	Pass
1**	2359.900	44.18	-0.25	54.0	9.82	AV	262.00	150	Horizontal	Pass
2	2389.950	52.84	-0.59	74.0	21.16	Peak	3.00	150	Horizontal	Pass
2**	2389.950	43.94	-0.59	54.0	10.06	AV	3.00	150	Horizontal	Pass

GFSK HIGH CHANNEL



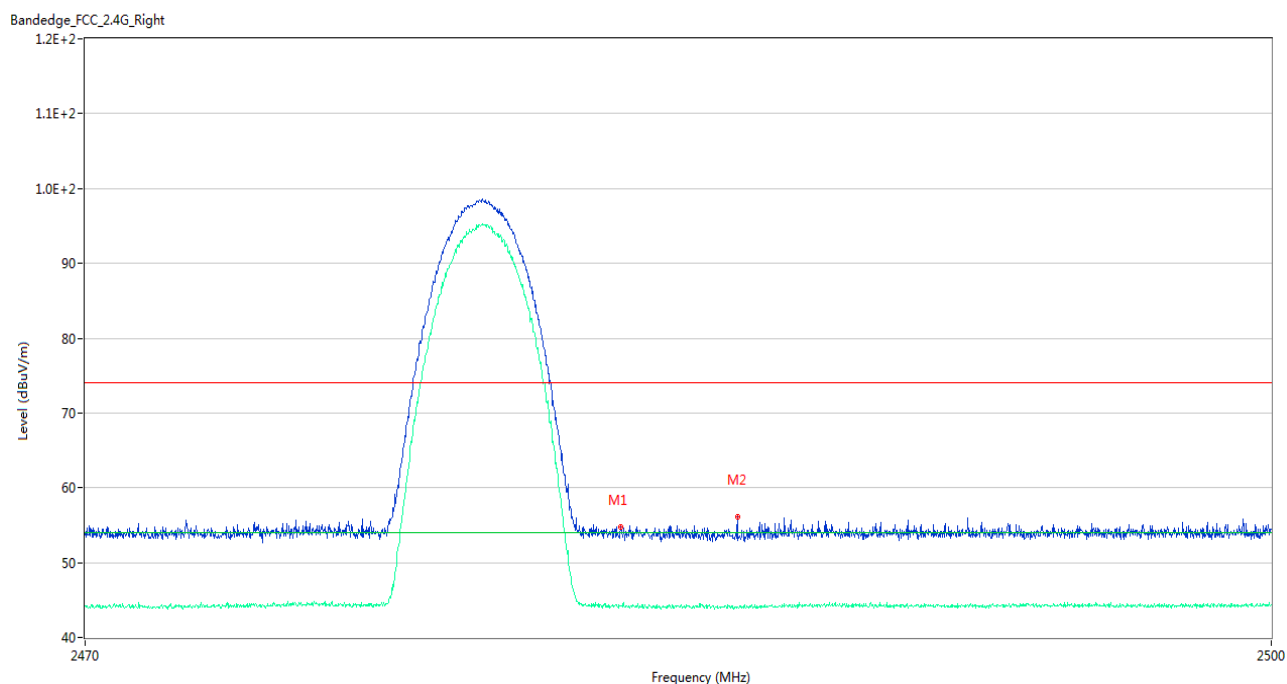
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	55.28	-0.06	74.0	18.72	Peak	15.00	100	Horizontal	Pass
1**	2483.575	44.22	-0.06	54.0	9.78	AV	15.00	100	Horizontal	Pass
2	2491.840	55.72	-0.23	74.0	18.28	Peak	330.00	150	Horizontal	Pass
2**	2491.840	44.26	-0.23	54.0	9.74	AV	330.00	150	Horizontal	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	2352.500	56.17	-0.23	74.0	17.83	Peak	54.00	100	Horizontal	Pass
1**	2352.500	44.51	-0.23	54.0	9.49	AV	54.00	100	Horizontal	Pass
2	2389.950	53.08	-0.59	74.0	20.92	Peak	104.00	100	Horizontal	Pass
2**	2389.950	43.66	-0.59	54.0	10.34	AV	104.00	100	Horizontal	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	2483.500	54.69	-0.05	74.0	19.31	Peak	161.00	100	Horizontal	Pass
1**	2483.500	44.15	-0.05	54.0	9.85	AV	161.00	100	Horizontal	Pass
2	2486.455	56.16	-0.22	74.0	17.84	Peak	205.00	200	Horizontal	Pass
2**	2486.455	44.04	-0.22	54.0	9.96	AV	205.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2390637-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2390637-AW-1.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2390637-AI-1.PDF”.

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--END OF REPORT--