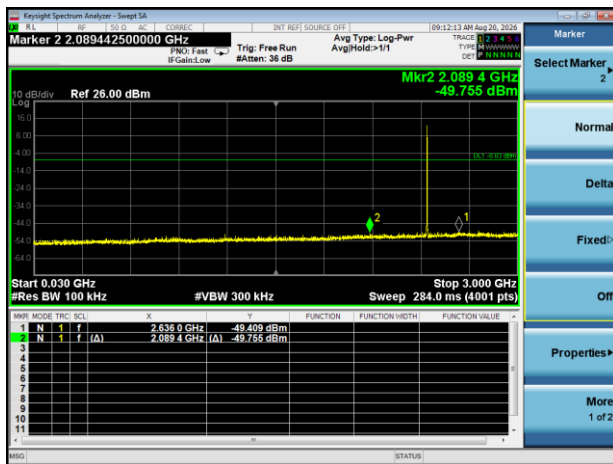
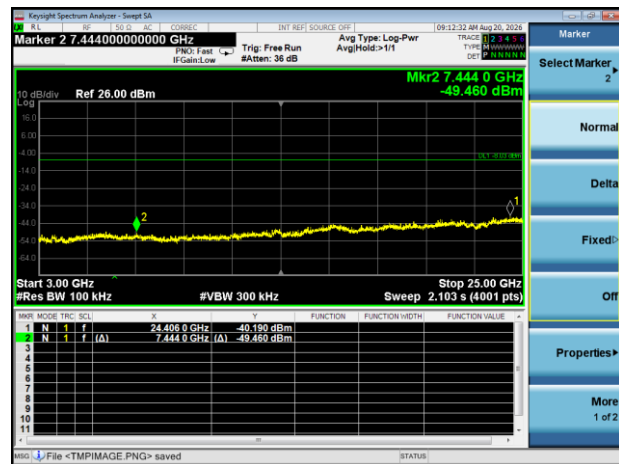


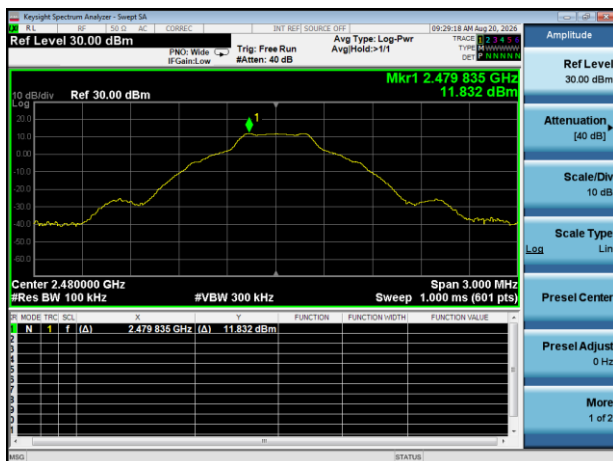
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



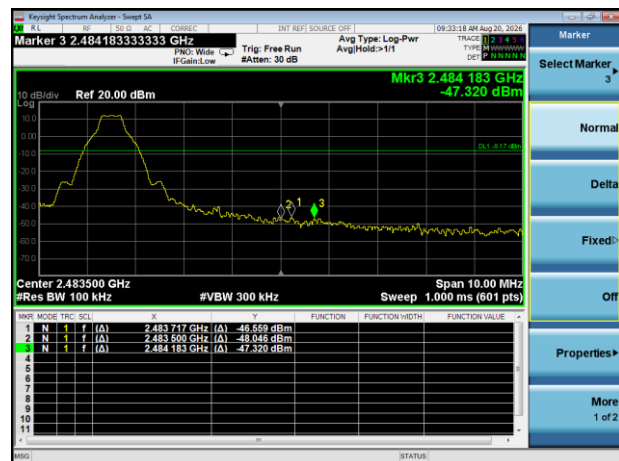
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



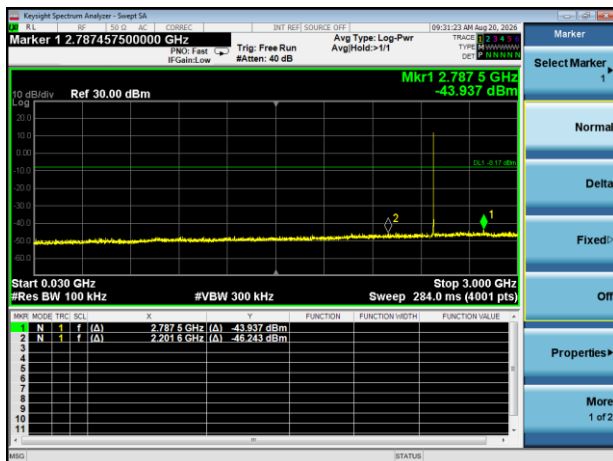
GFSK HIGH CHANNEL, CARRIER LEVEL



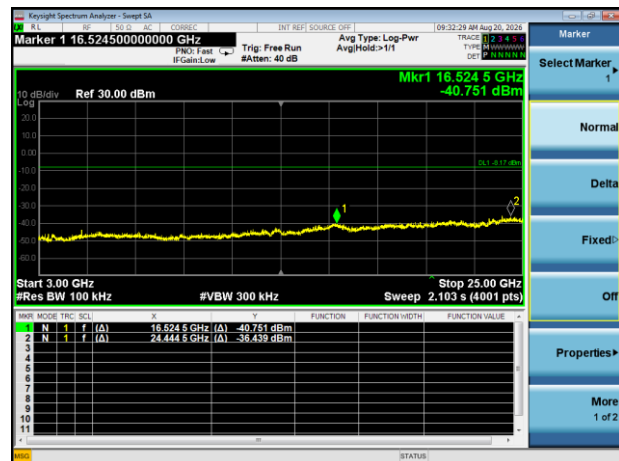
GFSK HIGH CHANNEL, BAND EDGE

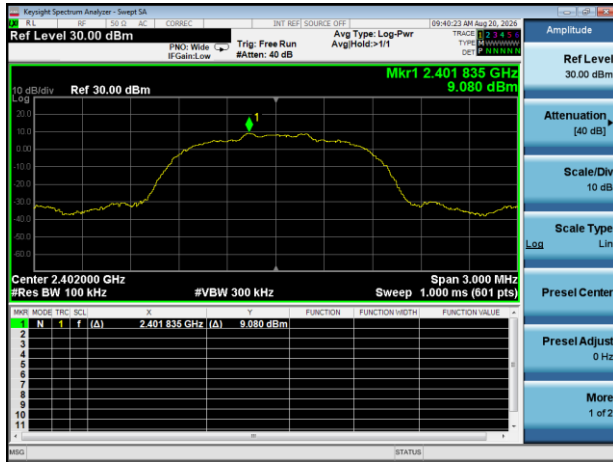
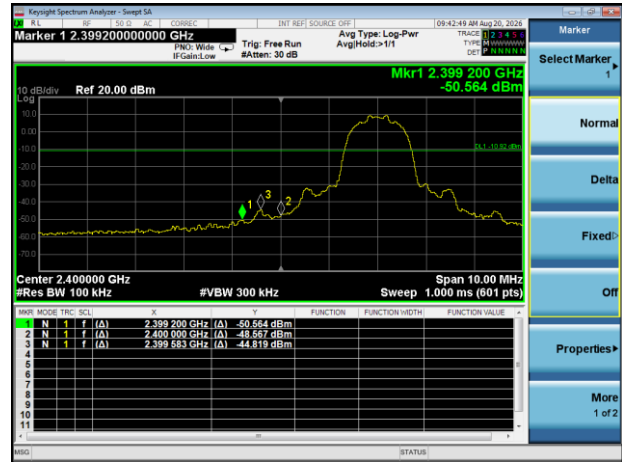
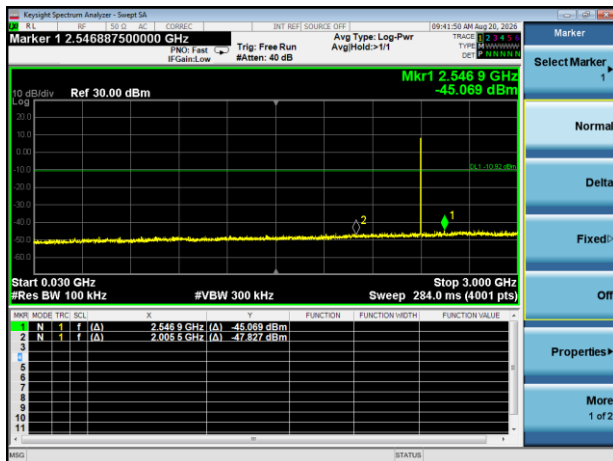
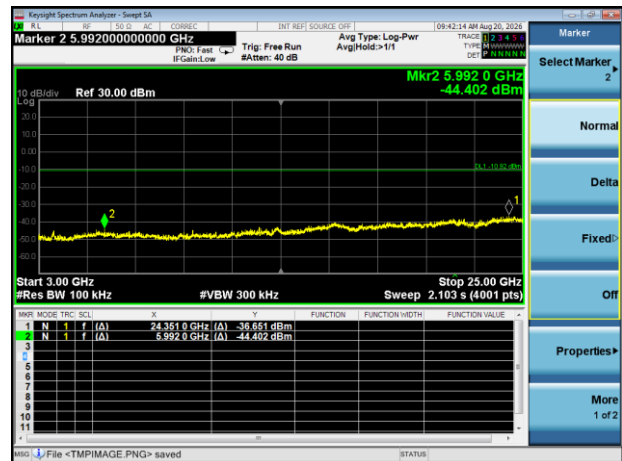


GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

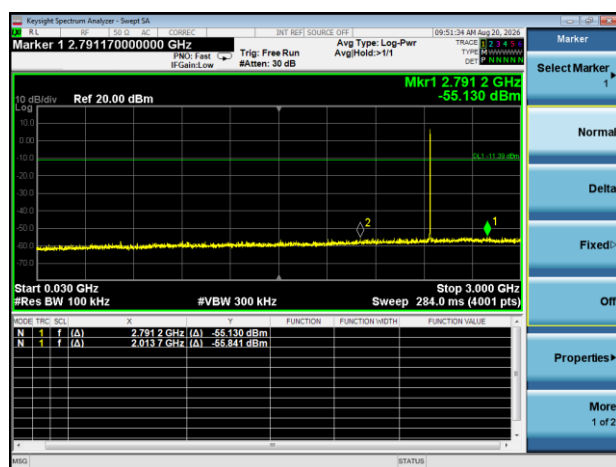


GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz

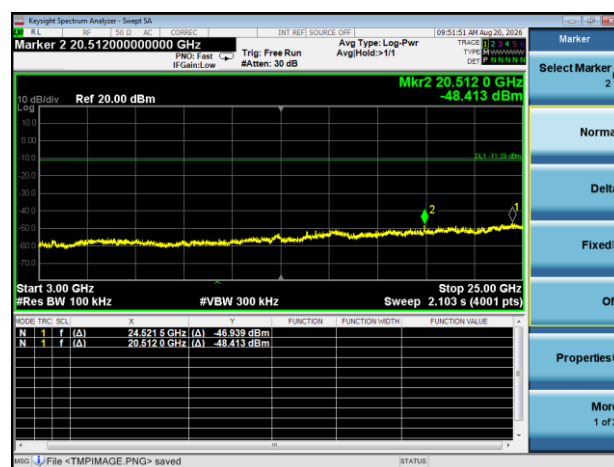


$\pi/4$ -DQPSK LOW CHANNEL, CARRIER LEVEL $\pi/4$ -DQPSK LOW CHANNEL, BAND EDGE $\pi/4$ -DQPSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz $\pi/4$ -DQPSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz $\pi/4$ -DQPSK MIDDLE CHANNEL, CARRIER LEVEL

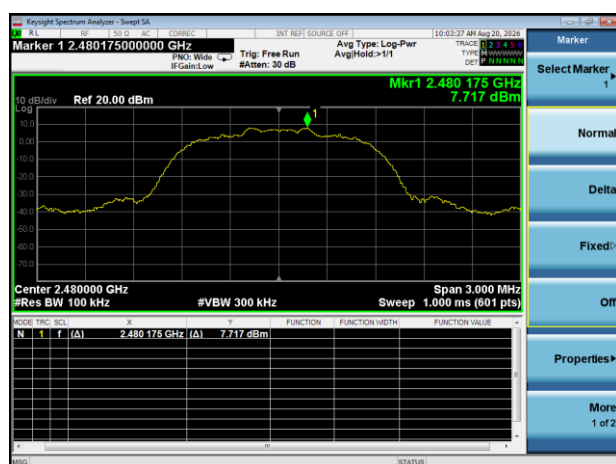
$\pi/4$ -DQPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



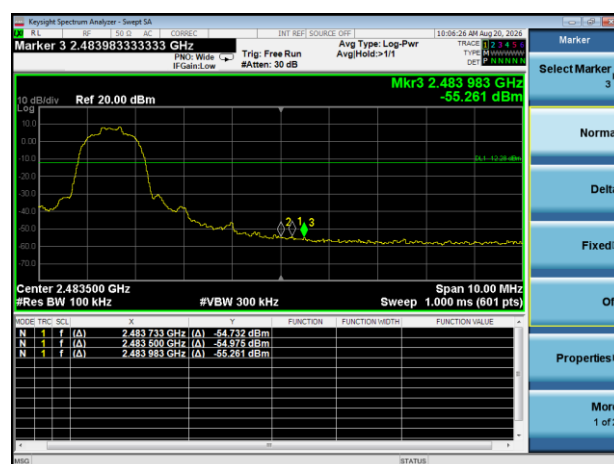
$\pi/4$ -DQPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



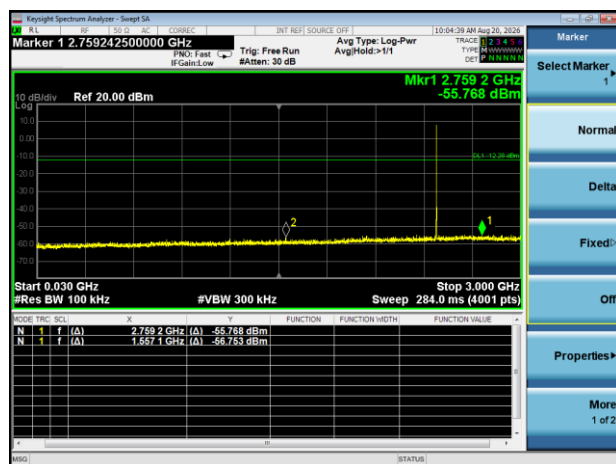
$\pi/4$ -DQPSK HIGH CHANNEL, CARRIER LEVEL



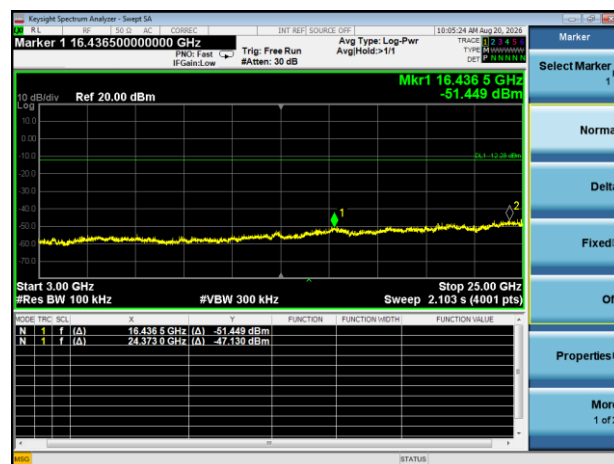
$\pi/4$ -DQPSK HIGH CHANNEL, BAND EDGE



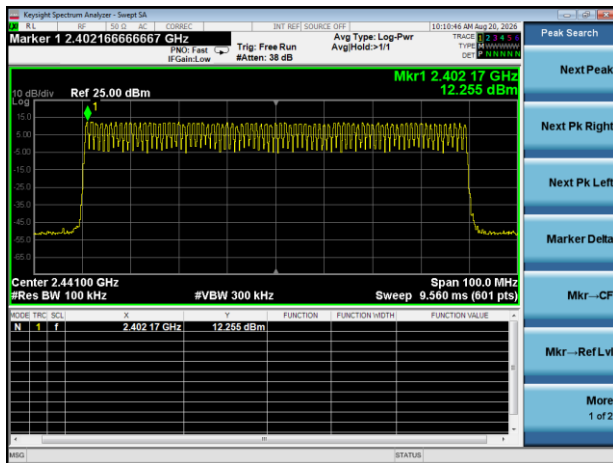
$\pi/4$ -DQPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



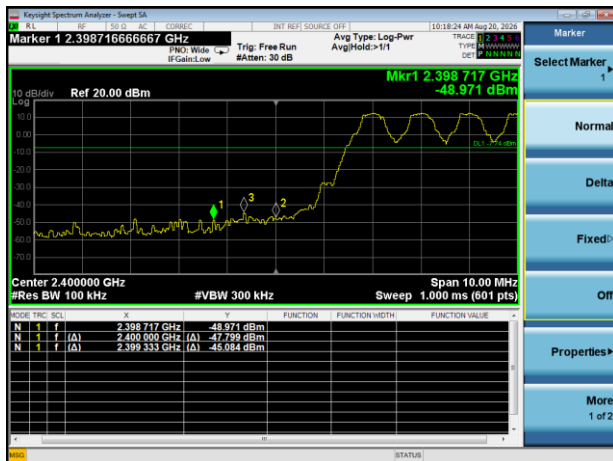
$\pi/4$ -DQPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



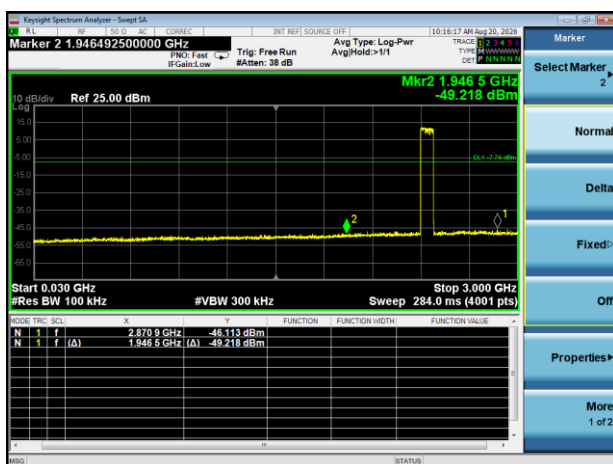
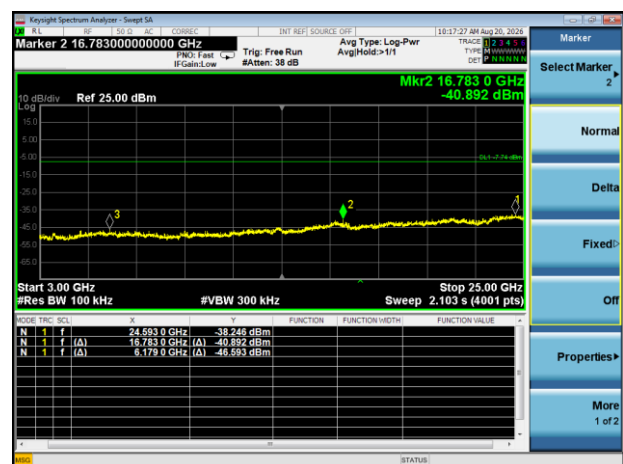
GFSK HOPPING, CARRIER LEVEL



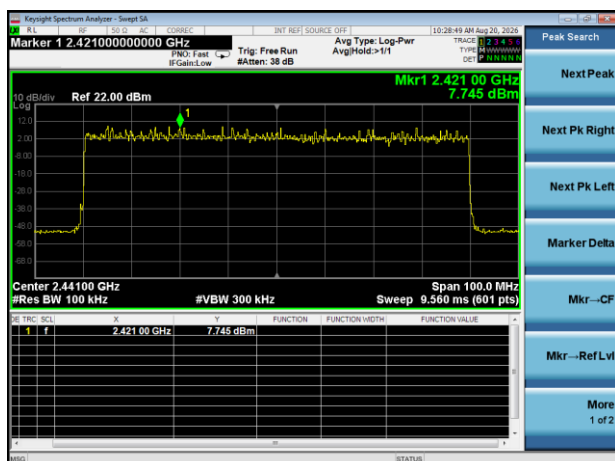
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

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

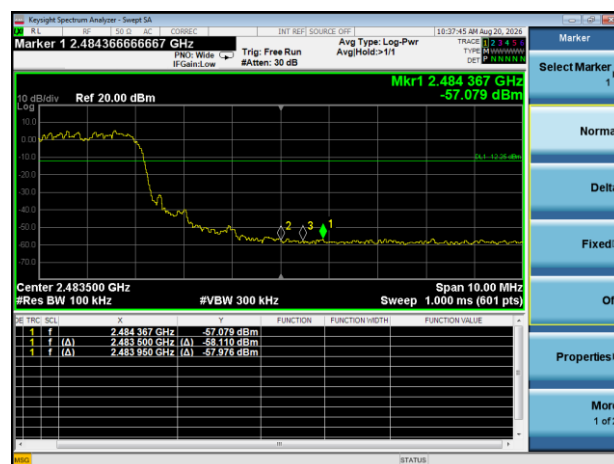
$\pi/4$ -DQPSK HOPPING, CARRIER LEVEL



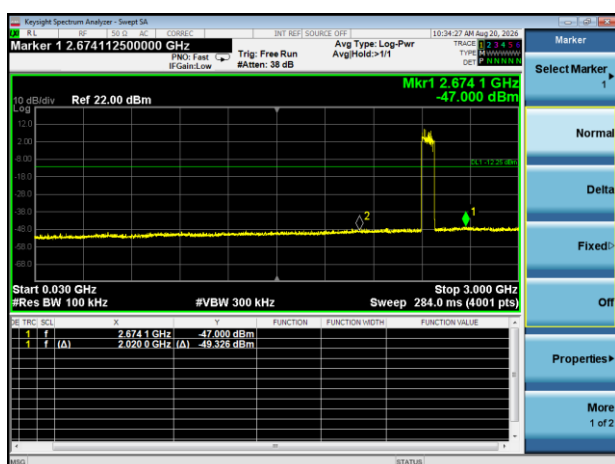
$\pi/4$ -DQPSK Hopping BAND EDGE (LOW)



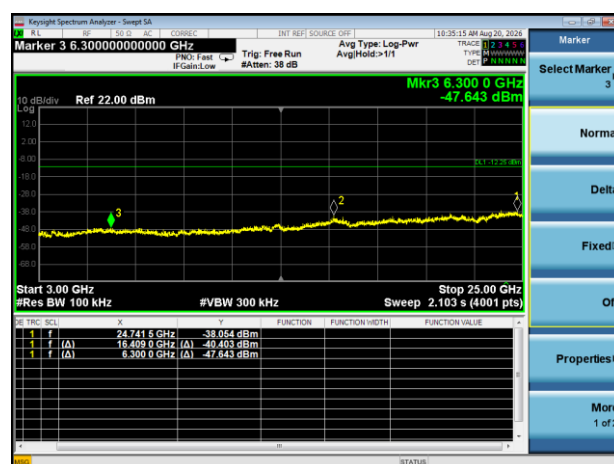
$\pi/4$ -DQPSK Hopping BAND EDGE (HIGH)



$\pi/4$ -DQPSK Hopping Mode, SPURIOUS 30 MHz ~ 3 GHz



$\pi/4$ -DQPSK Hopping Mode, SPURIOUS 3GHz ~ 25 GHz



A.7 Conducted Emissions

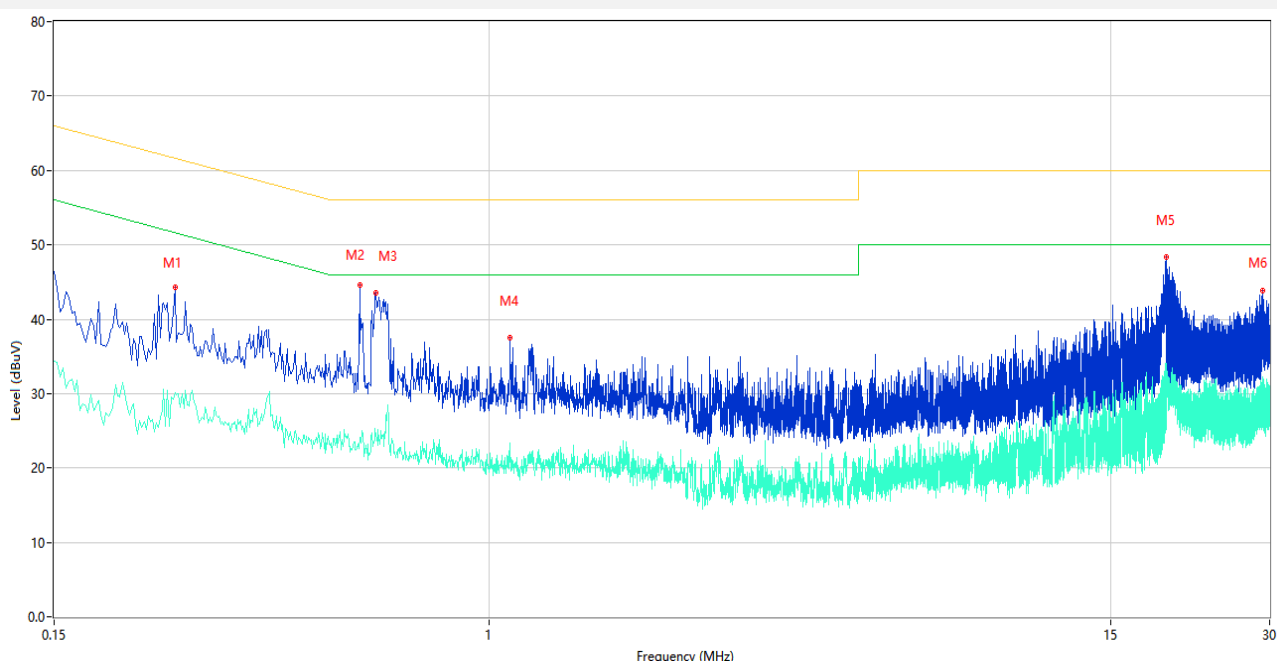
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: 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.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

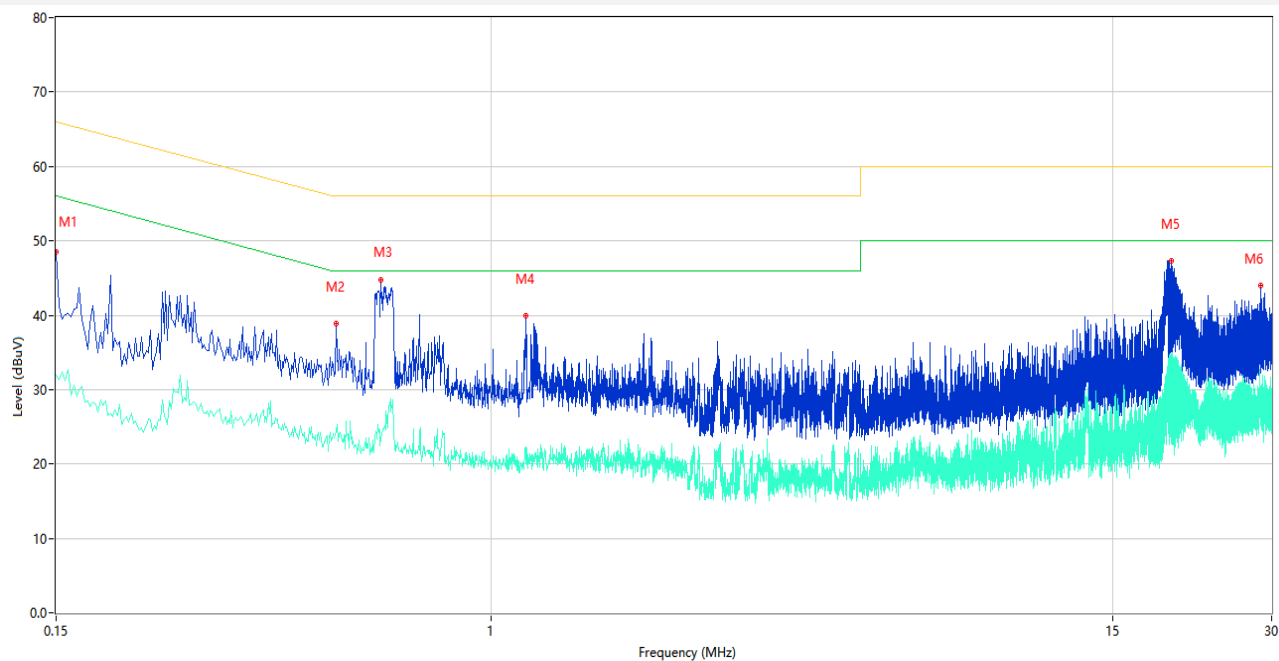
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.254	44.23	10.23	61.63	17.40	Peak	L	Pass
1**	0.254	30.09	10.23	51.63	21.54	AV	L	Pass
2	0.568	44.66	10.26	56.00	11.34	Peak	L	Pass
2**	0.568	24.11	10.26	46.00	21.89	AV	L	Pass
3	0.610	43.52	10.26	56.00	12.48	Peak	L	Pass
3**	0.610	24.27	10.26	46.00	21.73	AV	L	Pass
4	1.094	37.49	10.32	56.00	18.51	Peak	L	Pass
4**	1.094	21.68	10.32	46.00	24.32	AV	L	Pass
5	19.112	48.37	14.85	60.00	11.63	Peak	L	Pass
5**	19.112	31.52	14.85	50.00	18.48	AV	L	Pass
6	29.072	43.86	16.50	60.00	16.14	Peak	L	Pass
6**	29.072	28.91	16.50	50.00	21.09	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	48.45	10.23	66.00	17.55	Peak	N	Pass
1**	0.150	31.87	10.23	56.00	24.13	AV	N	Pass
2	0.508	38.82	10.23	56.00	17.18	Peak	N	Pass
2**	0.508	24.40	10.23	46.00	21.60	AV	N	Pass
3	0.618	44.72	10.24	56.00	11.28	Peak	N	Pass
3**	0.618	23.32	10.24	46.00	22.68	AV	N	Pass
4	1.162	39.88	10.31	56.00	16.12	Peak	N	Pass
4**	1.162	22.32	10.31	46.00	23.68	AV	N	Pass
5	19.378	47.25	15.01	60.00	12.75	Peak	N	Pass
5**	19.378	33.55	15.01	50.00	16.45	AV	N	Pass
6	28.548	43.98	16.50	60.00	16.02	Peak	N	Pass
6**	28.548	30.05	16.50	50.00	19.95	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 C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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.

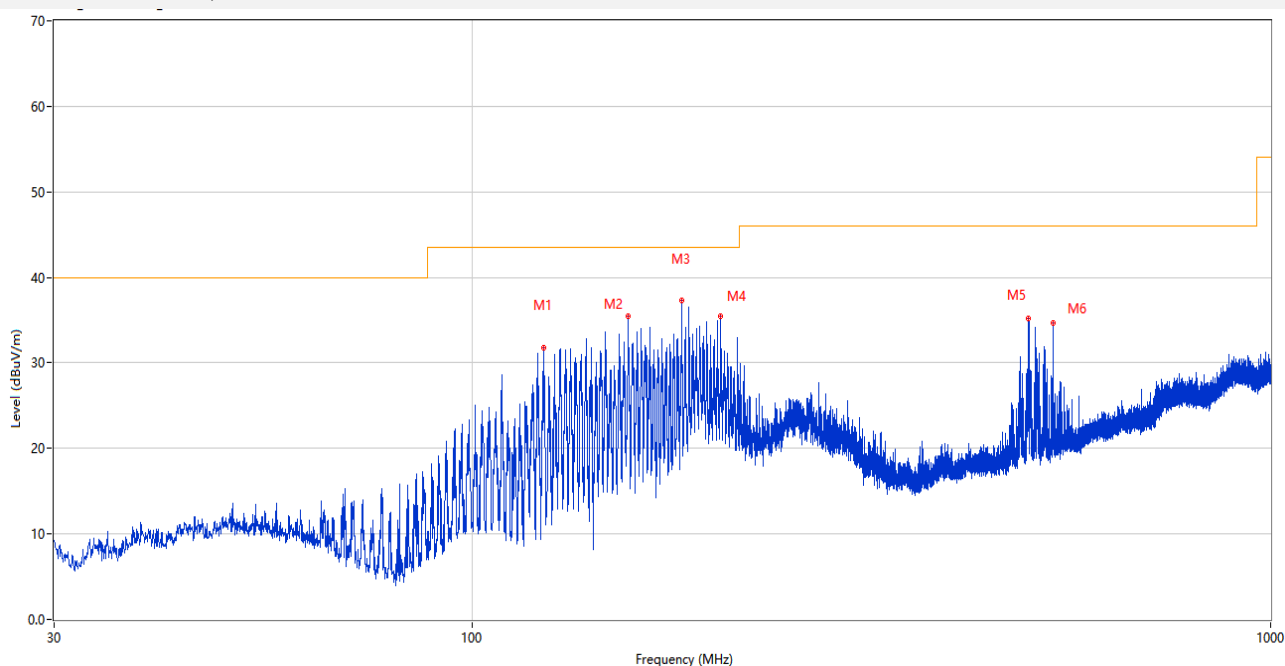
Note ³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

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.

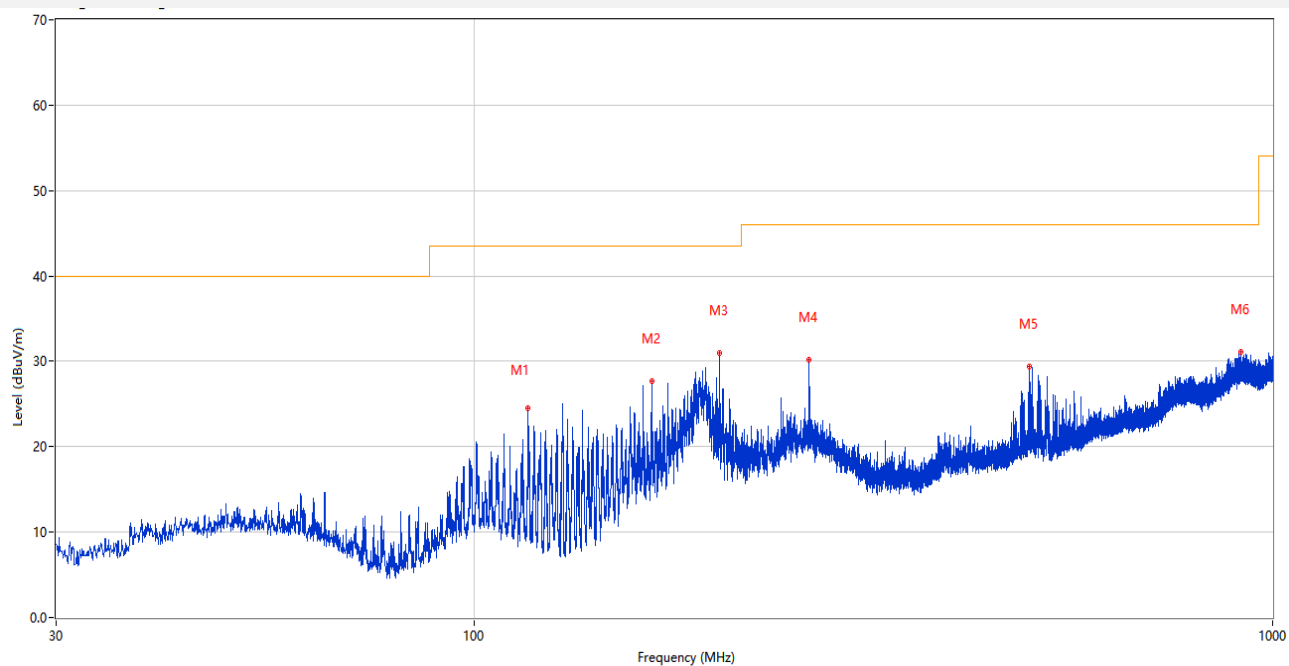
Test Data and Plots

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	122.975	31.76	-28.89	43.5	11.74	Peak	178.00	200	Horizontal	Pass
2	157.022	35.41	-29.23	43.5	8.09	Peak	317.00	100	Horizontal	Pass
3	183.018	37.24	-27.54	43.5	6.26	Peak	157.00	200	Horizontal	Pass
4	204.988	35.40	-26.60	43.5	8.10	Peak	134.00	100	Horizontal	Pass
5	497.637	35.19	-17.86	46.0	10.81	Peak	291.00	200	Horizontal	Pass
6	534.060	34.65	-17.73	46.0	11.35	Peak	283.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

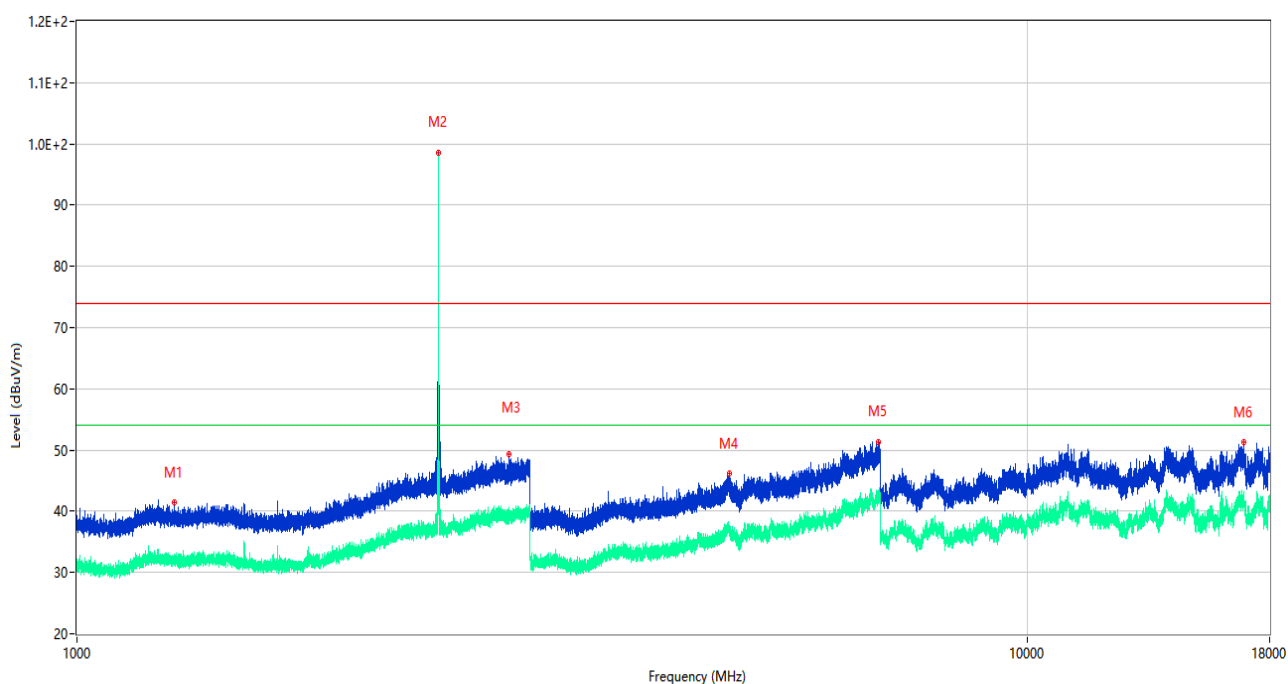


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	116.961	24.55	-27.69	43.5	18.95	Peak	266.00	100	Vertical	Pass
2	167.061	27.69	-28.49	43.5	15.81	Peak	58.00	200	Vertical	Pass
3	203.000	31.02	-26.51	43.5	12.48	Peak	46.00	200	Vertical	Pass
4	263.043	30.22	-24.76	46.0	15.78	Peak	196.00	200	Vertical	Pass
5	495.454	29.38	-17.91	46.0	16.62	Peak	219.00	200	Vertical	Pass
6	913.670	31.16	-8.57	46.0	14.84	Peak	248.00	100	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

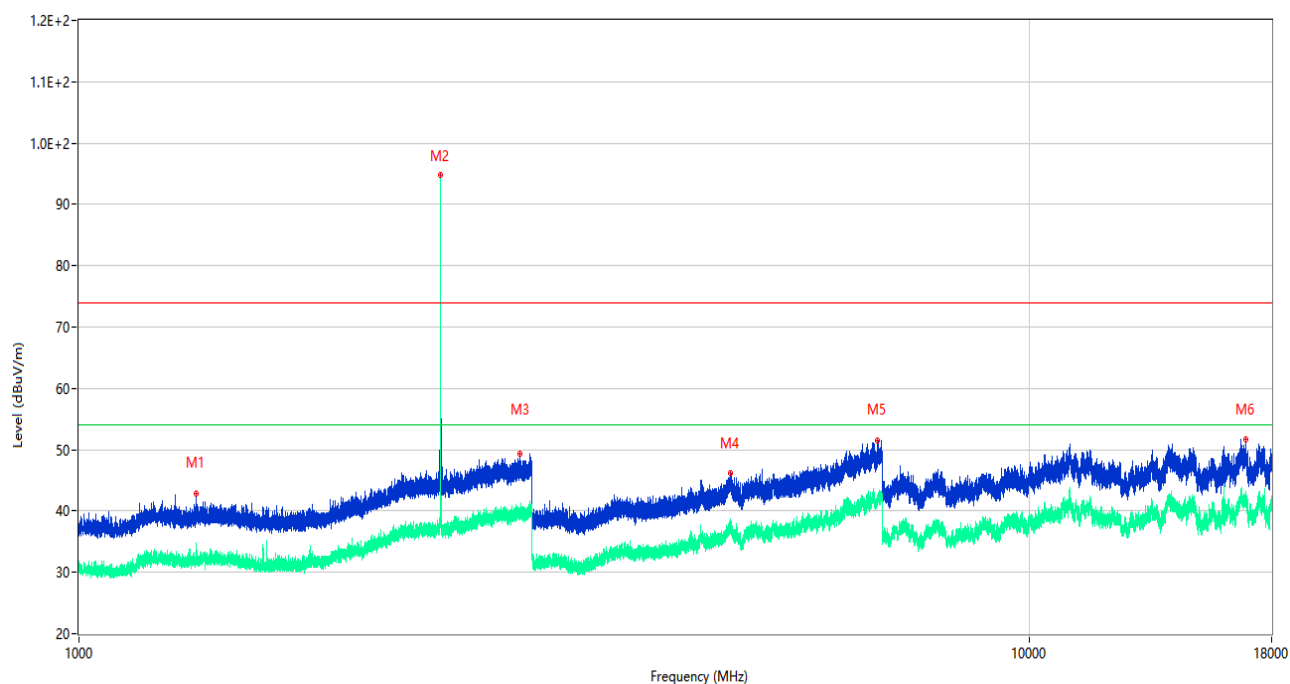
Note²: The spurious from 18GHz-25GHz is noise only, do not show on the report.

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H



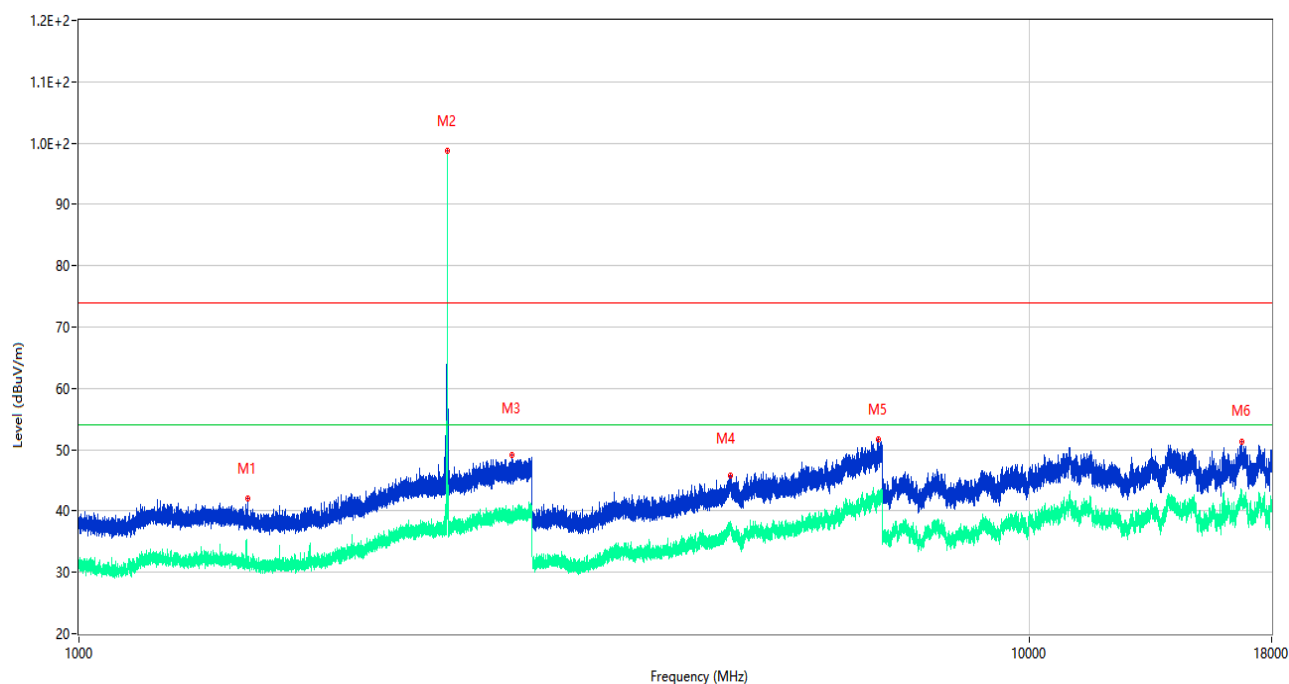
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1262.586	41.57	-17.55	74.0	32.43	Peak	163.00	100	Horizontal	Pass
1**	1262.586	32.00	-17.55	54.0	22.00	AV	163.00	100	Horizontal	Pass
2	2401.088	98.69	-13.91	--	--	Peak	172.00	300	Horizontal	N/A
2**	2401.088	98.18	-13.91	--	--	AV	172.00	300	Horizontal	N/A
3	2847.208	49.41	-11.81	74.0	24.59	Peak	292.00	200	Horizontal	Pass
3**	2847.208	39.70	-11.81	54.0	14.30	AV	292.00	200	Horizontal	Pass
4	4858.733	46.28	-6.79	74.0	27.72	Peak	360.00	400	Horizontal	Pass
4**	4858.733	37.92	-6.79	54.0	16.08	AV	360.00	400	Horizontal	Pass
5	6981.324	51.39	-1.26	74.0	22.61	Peak	76.00	300	Horizontal	Pass
5**	6981.324	42.29	-1.26	54.0	11.71	AV	76.00	300	Horizontal	Pass
6	16898.183	51.47	7.05	74.0	22.53	Peak	330.00	200	Horizontal	Pass
6**	16898.183	41.45	7.05	54.0	12.56	AV	330.00	200	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V



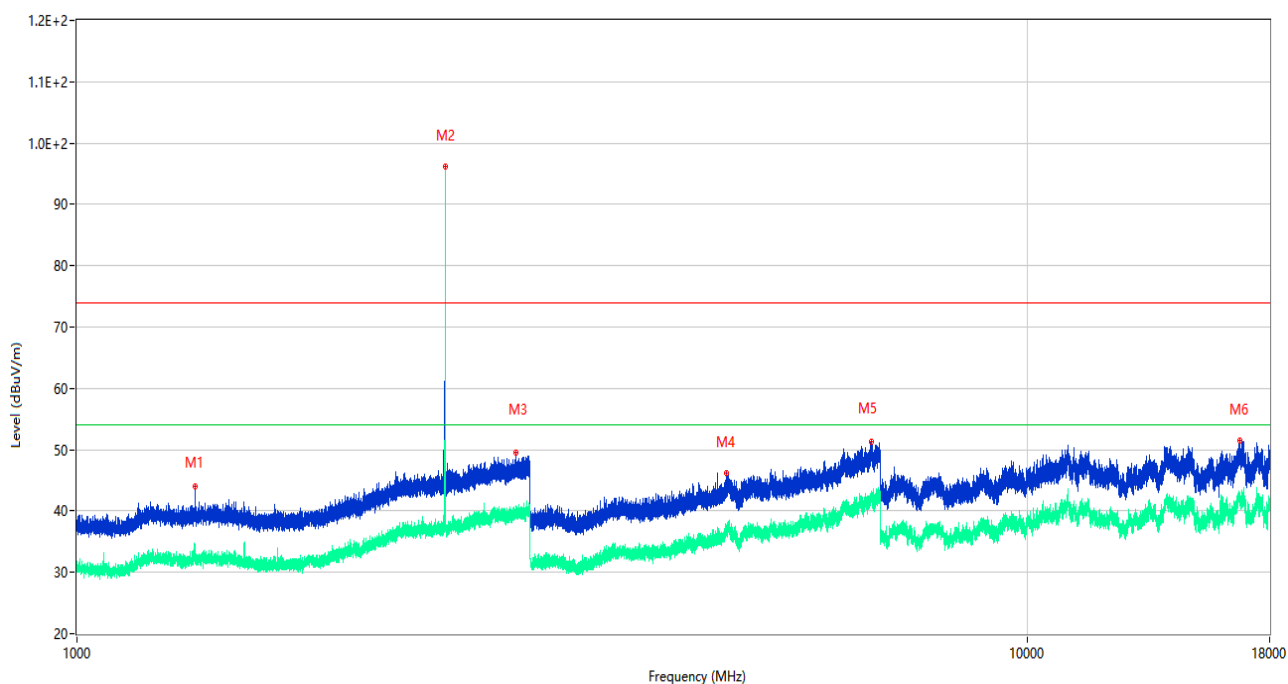
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.917	43.12	-17.58	74.0	30.88	Peak	87.00	100	Vertical	Pass
1**	1335.917	32.95	-17.58	54.0	21.05	AV	87.00	100	Vertical	Pass
2	2401.948	94.91	-13.91	--	--	Peak	211.00	200	Vertical	N/A
2**	2401.948	94.35	-13.91	--	--	AV	211.00	200	Vertical	N/A
3	2907.312	49.72	-11.13	74.0	24.28	Peak	225.00	200	Vertical	Pass
3**	2907.312	39.96	-11.13	54.0	14.04	AV	225.00	200	Vertical	Pass
4	4850.359	46.34	-6.74	74.0	27.66	Peak	279.00	200	Vertical	Pass
4**	4850.359	37.28	-6.74	54.0	16.72	AV	279.00	200	Vertical	Pass
5	6914.442	51.80	-2.28	74.0	22.20	Peak	99.00	300	Vertical	Pass
5**	6914.442	41.26	-2.28	54.0	12.74	AV	99.00	300	Vertical	Pass
6	16921.427	51.96	6.72	74.0	22.04	Peak	154.00	100	Vertical	Pass
6**	16921.427	41.65	6.72	54.0	12.35	AV	154.00	100	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



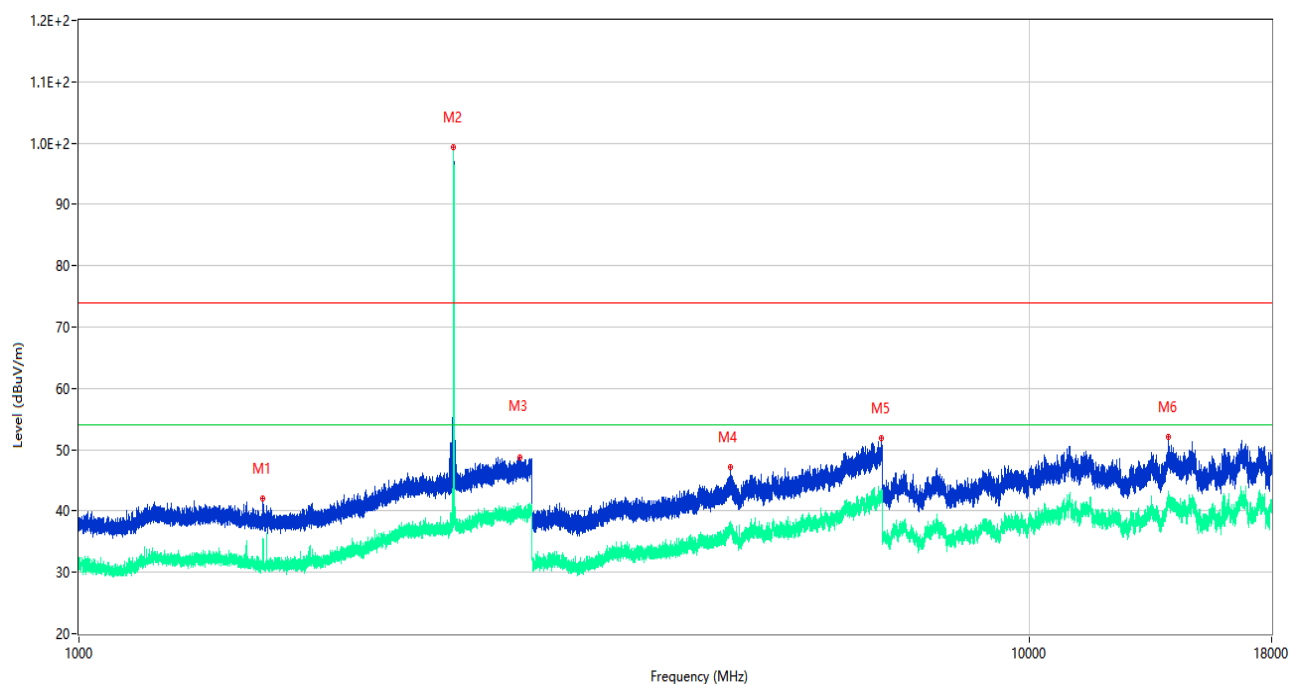
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.123	42.17	-18.12	74.0	31.83	Peak	137.00	100	Horizontal	Pass
1**	1506.123	31.89	-18.12	54.0	22.11	AV	137.00	100	Horizontal	Pass
2	2440.738	98.86	-13.31	--	--	Peak	289.00	400	Horizontal	N/A
2**	2440.738	98.57	-13.31	--	--	AV	289.00	400	Horizontal	N/A
3	2854.626	49.14	-11.69	74.0	24.86	Peak	163.00	200	Horizontal	Pass
3**	2854.626	39.29	-11.69	54.0	14.71	AV	163.00	200	Horizontal	Pass
4	4853.711	45.97	-6.21	74.0	28.03	Peak	30.00	200	Horizontal	Pass
4**	4853.711	38.61	-6.21	54.0	15.39	AV	30.00	200	Horizontal	Pass
5	6947.465	51.88	-1.32	74.0	22.13	Peak	71.00	100	Horizontal	Pass
5**	6947.465	41.92	-1.32	54.0	12.08	AV	71.00	100	Horizontal	Pass
6	16740.455	51.64	6.23	74.0	22.36	Peak	10.00	400	Horizontal	Pass
6**	16740.455	42.41	6.23	54.0	11.60	AV	10.00	400	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



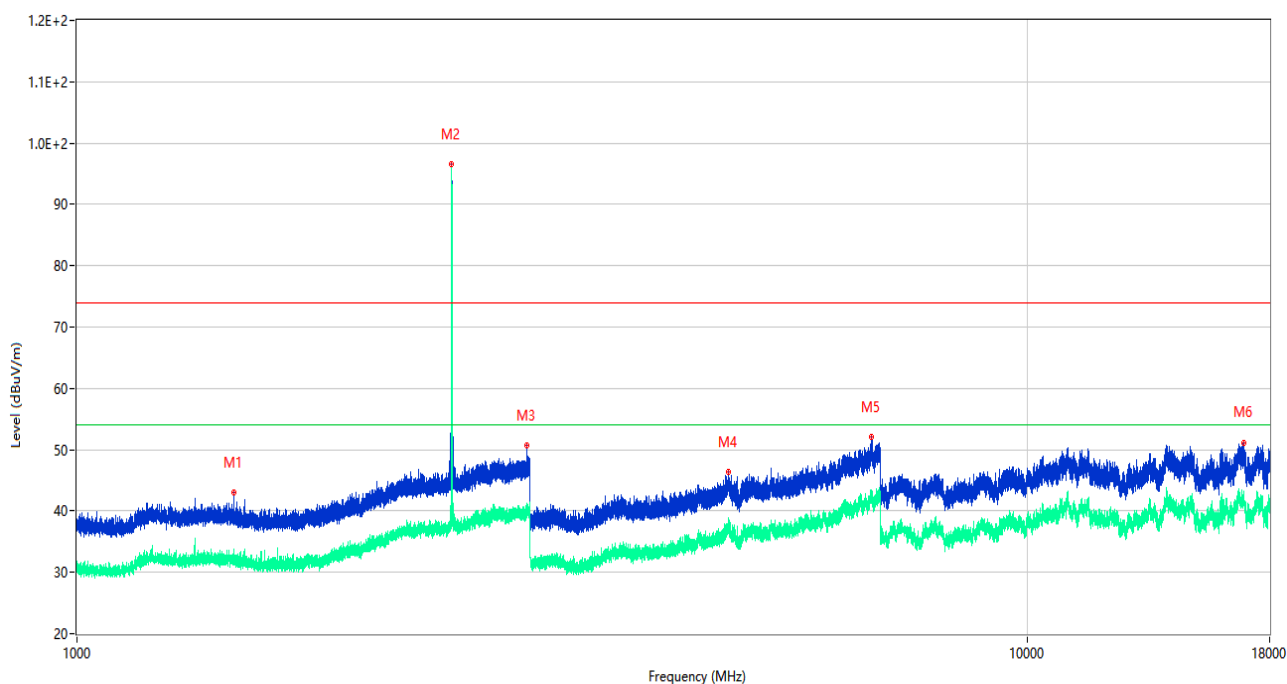
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.495	44.28	-17.81	74.0	29.72	Peak	138.00	300	Vertical	Pass
1**	1330.495	32.55	-17.81	54.0	21.45	AV	138.00	300	Vertical	Pass
2	2439.529	96.26	-13.31	--	--	Peak	63.00	300	Vertical	N/A
2**	2439.529	96.19	-13.31	--	--	AV	63.00	300	Vertical	N/A
3	2893.714	49.73	-11.09	74.0	24.28	Peak	128.00	200	Vertical	Pass
3**	2893.714	40.98	-11.09	54.0	13.02	AV	128.00	200	Vertical	Pass
4	4827.390	46.36	-7.02	74.0	27.65	Peak	0.00	100	Vertical	Pass
4**	4827.390	37.04	-7.02	54.0	16.96	AV	0.00	100	Vertical	Pass
5	6849.914	51.55	-1.28	74.0	22.45	Peak	39.00	400	Vertical	Pass
5**	6849.914	42.34	-1.28	54.0	11.66	AV	39.00	400	Vertical	Pass
6	16722.458	51.53	6.74	74.0	22.47	Peak	208.00	100	Vertical	Pass
6**	16722.458	41.78	6.74	54.0	12.22	AV	208.00	100	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.386	42.24	-18.88	74.0	31.76	Peak	131.00	100	Horizontal	Pass
1**	1563.386	35.37	-18.88	54.0	18.63	AV	131.00	100	Horizontal	Pass
2	2480.365	99.59	-13.56	--	--	Peak	37.00	400	Horizontal	N/A
2**	2480.365	98.97	-13.56	--	--	AV	37.00	400	Horizontal	N/A
3	2915.395	48.88	-11.48	74.0	25.13	Peak	150.00	200	Horizontal	Pass
3**	2915.395	39.69	-11.48	54.0	14.32	AV	150.00	200	Horizontal	Pass
4	4842.324	47.35	-6.28	74.0	26.65	Peak	67.00	400	Horizontal	Pass
4**	4842.324	38.10	-6.28	54.0	15.90	AV	67.00	400	Horizontal	Pass
5	6991.069	51.91	-1.47	74.0	22.09	Peak	6.00	100	Horizontal	Pass
5**	6991.069	42.13	-1.47	54.0	11.87	AV	6.00	100	Horizontal	Pass
6	14008.605	52.37	5.71	74.0	21.63	Peak	327.00	100	Horizontal	Pass
6**	14008.605	41.22	5.71	54.0	12.79	AV	327.00	100	Horizontal	Pass

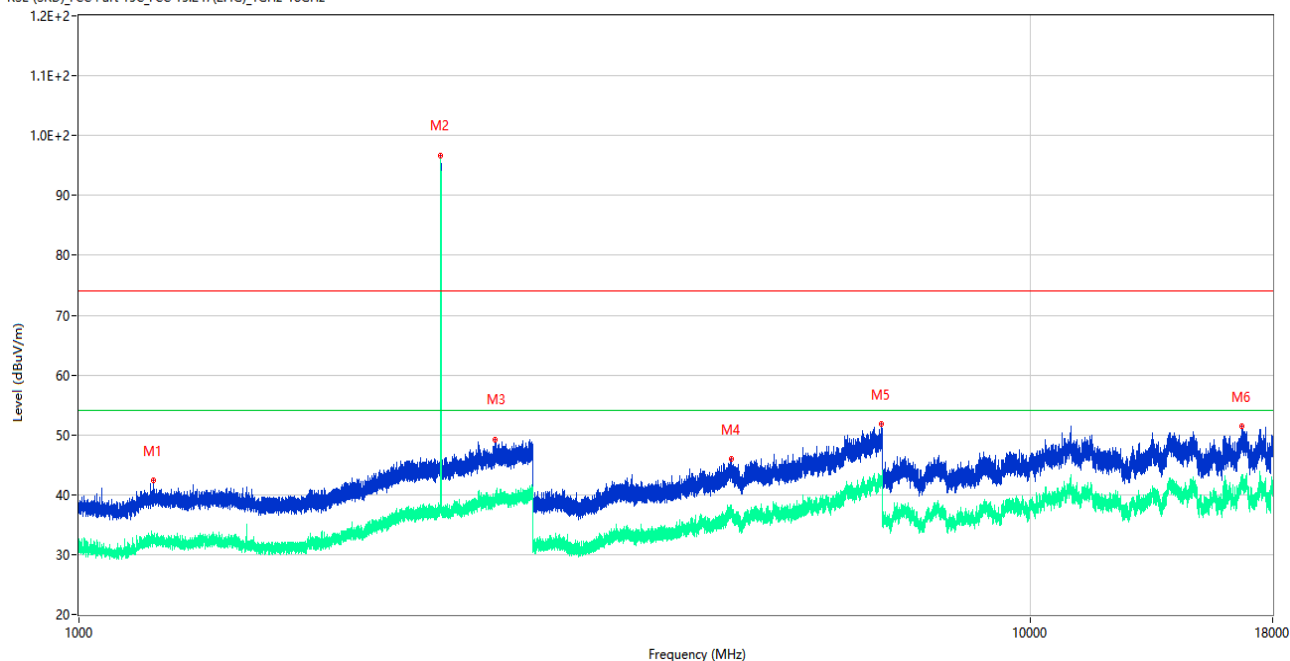
GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.927	43.01	-18.03	74.0	30.99	Peak	151.00	300	Vertical	Pass
1**	1460.927	31.40	-18.03	54.0	22.60	AV	151.00	300	Vertical	Pass
2	2480.680	96.50	-13.54	--	--	Peak	11.00	100	Vertical	N/A
2**	2480.680	95.89	-13.54	--	--	AV	11.00	100	Vertical	N/A
3	2976.675	50.86	-10.93	74.0	23.14	Peak	263.00	200	Vertical	Pass
3**	2976.675	40.16	-10.93	54.0	13.84	AV	263.00	200	Vertical	Pass
4	4845.280	46.46	-6.37	74.0	27.54	Peak	122.00	400	Vertical	Pass
4**	4845.280	37.57	-6.37	54.0	16.43	AV	122.00	400	Vertical	Pass
5	6864.789	52.08	-0.64	74.0	21.92	Peak	207.00	400	Vertical	Pass
5**	6864.789	42.67	-0.64	54.0	11.33	AV	207.00	400	Vertical	Pass
6	16924.710	51.43	6.70	74.0	22.57	Peak	15.00	100	Vertical	Pass
6**	16924.710	41.77	6.70	54.0	12.23	AV	15.00	100	Vertical	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

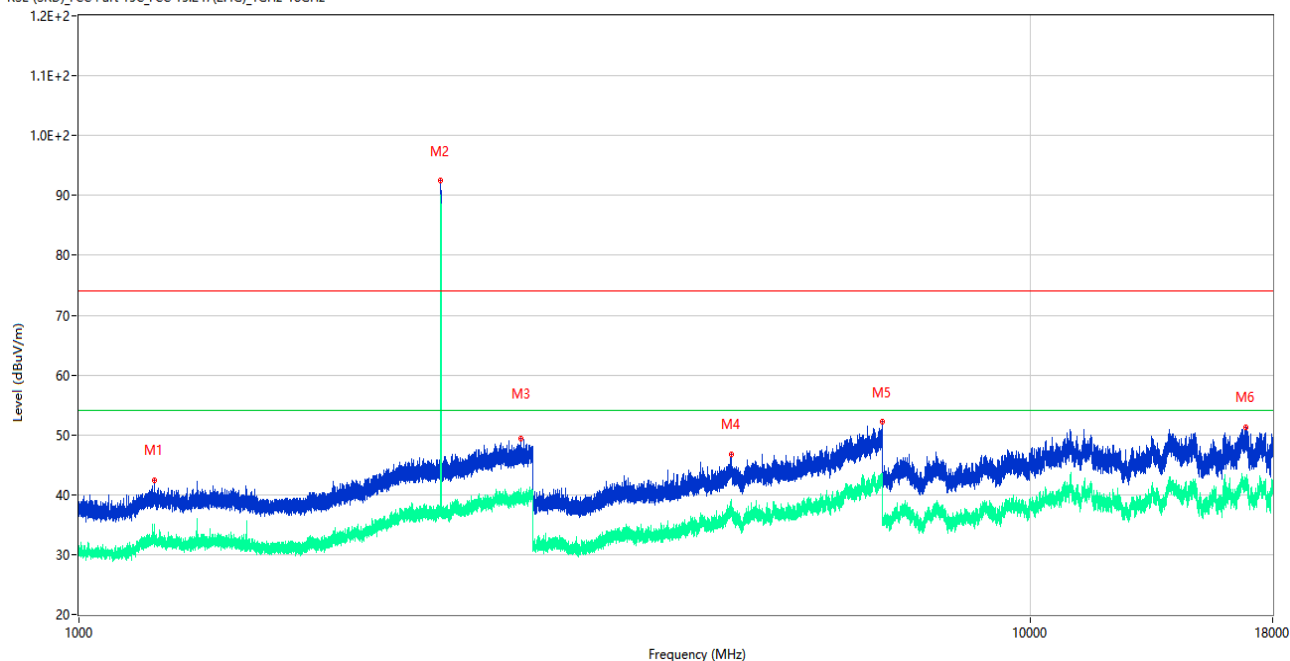
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.000	42.38	-17.53	74.0	31.62	Peak	0.00	100	Horizontal	Pass
1**	1198.000	32.41	-17.53	54.0	21.59	AV	0.00	100	Horizontal	Pass
2	2401.800	96.68	-13.91	--	--	Peak	0.00	100	Horizontal	N/A
2**	2401.800	95.79	-13.91	--	--	AV	0.00	100	Horizontal	N/A
3	2741.600	49.25	-11.71	74.0	24.75	Peak	0.00	100	Horizontal	Pass
3**	2741.600	39.25	-11.71	54.0	14.75	AV	0.00	100	Horizontal	Pass
4	4854.600	45.95	-6.33	74.0	28.05	Peak	302.00	200	Horizontal	Pass
4**	4854.600	37.77	-6.33	54.0	16.23	AV	302.00	200	Horizontal	Pass
5	6978.600	51.76	-0.97	74.0	22.24	Peak	360.00	300	Horizontal	Pass
5**	6978.600	42.35	-0.97	54.0	11.65	AV	360.00	300	Horizontal	Pass
6	16708.238	51.39	6.84	74.0	22.61	Peak	203.00	100	Horizontal	Pass
6**	16708.238	42.56	6.84	54.0	11.44	AV	203.00	100	Horizontal	Pass

$\pi/4$ -DQPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

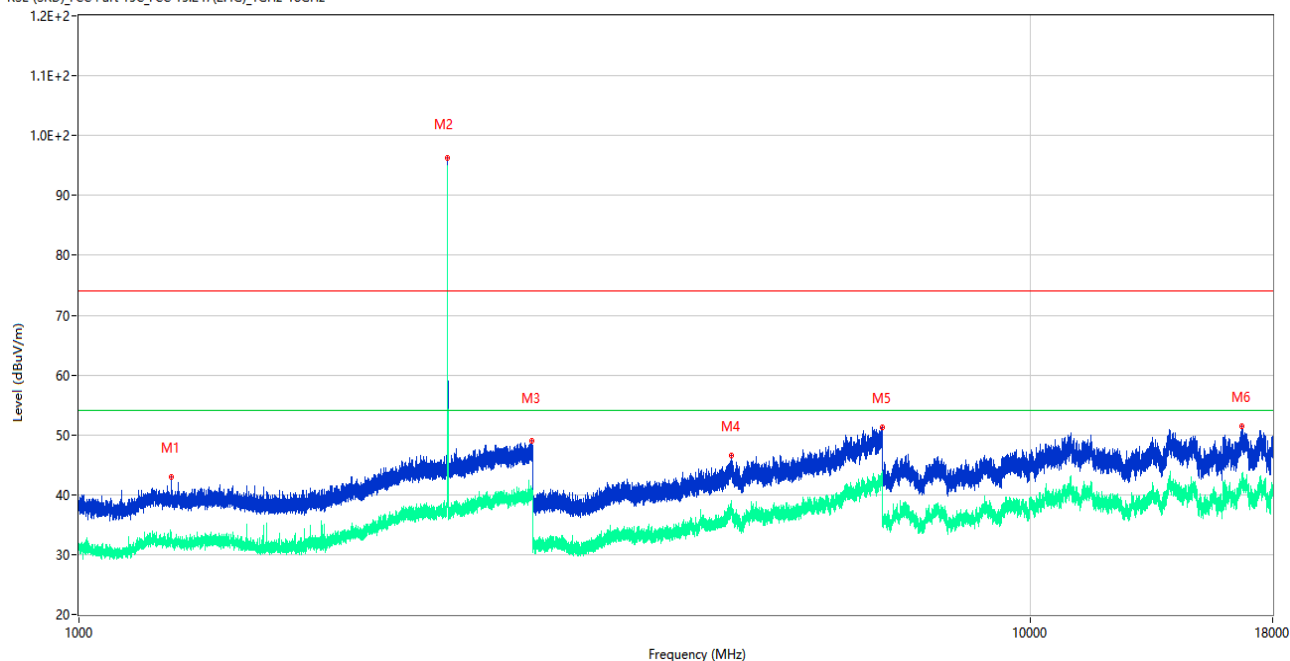
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.000	42.48	-16.87	74.0	31.52	Peak	194.00	100	Vertical	Pass
1**	1201.000	33.00	-16.87	54.0	21.00	AV	194.00	100	Vertical	Pass
2	2401.800	92.49	-13.91	--	--	Peak	28.00	200	Vertical	N/A
2**	2401.800	89.21	-13.91	--	--	AV	28.00	200	Vertical	N/A
3	2918.500	49.42	-11.06	74.0	24.58	Peak	360.00	100	Vertical	Pass
3**	2918.500	39.18	-11.06	54.0	14.82	AV	360.00	100	Vertical	Pass
4	4853.200	46.77	-6.48	74.0	27.23	Peak	182.00	300	Vertical	Pass
4**	4853.200	37.41	-6.48	54.0	16.59	AV	182.00	300	Vertical	Pass
5	6997.800	52.15	-1.47	74.0	21.85	Peak	182.00	400	Vertical	Pass
5**	6997.800	42.55	-1.47	54.0	11.45	AV	182.00	400	Vertical	Pass
6	16860.225	51.34	6.66	74.0	22.66	Peak	352.00	100	Vertical	Pass
6**	16860.225	42.15	6.66	54.0	11.85	AV	352.00	100	Vertical	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

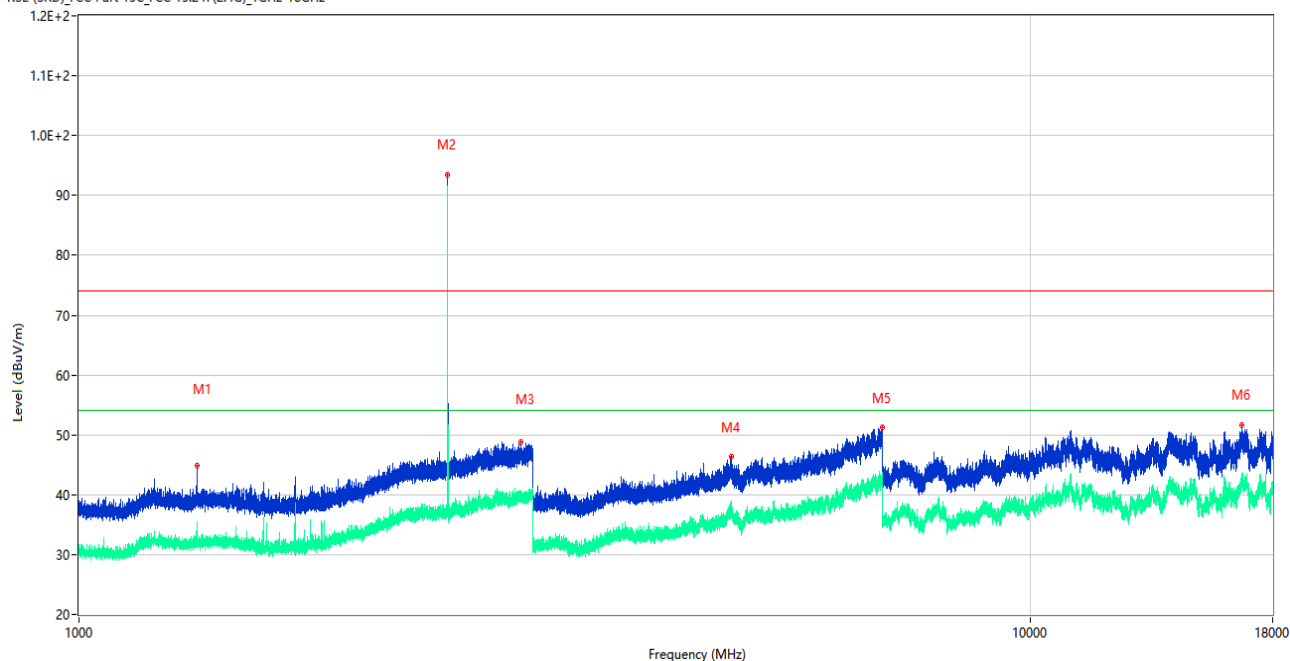
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1251.500	42.92	-17.42	74.0	31.08	Peak	341.00	100	Horizontal	Pass
1**	1251.500	32.31	-17.42	54.0	21.69	AV	341.00	100	Horizontal	Pass
2	2440.900	96.22	-13.56	--	--	Peak	35.00	200	Horizontal	N/A
2**	2440.900	94.41	-13.56	--	--	AV	35.00	200	Horizontal	N/A
3	2995.900	49.02	-11.23	74.0	24.98	Peak	4.00	100	Horizontal	Pass
3**	2995.900	41.12	-11.23	54.0	12.88	AV	4.00	100	Horizontal	Pass
4	4857.800	46.48	-6.56	74.0	27.52	Peak	41.00	100	Horizontal	Pass
4**	4857.800	36.91	-6.56	54.0	17.09	AV	41.00	100	Horizontal	Pass
5	6993.200	51.25	-1.02	74.0	22.75	Peak	163.00	400	Horizontal	Pass
5**	6993.200	42.57	-1.02	54.0	11.43	AV	163.00	400	Horizontal	Pass
6	16724.775	51.38	6.77	74.0	22.62	Peak	38.00	100	Horizontal	Pass
6**	16724.775	42.20	6.77	54.0	11.80	AV	38.00	100	Horizontal	Pass

$\pi/4$ -DQPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

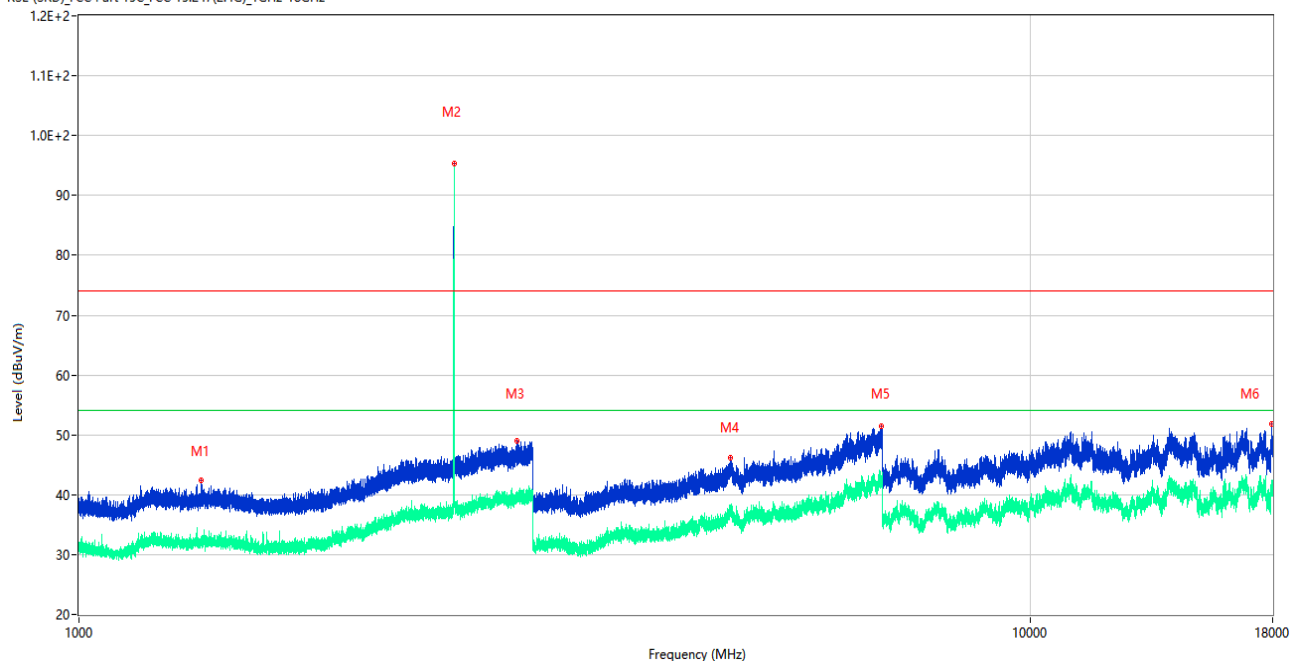
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	44.83	-17.88	74.0	29.17	Peak	89.00	300	Vertical	Pass
1**	1330.600	32.17	-17.88	54.0	21.83	AV	89.00	300	Vertical	Pass
2	2441.000	93.48	-13.48	--	--	Peak	28.00	200	Vertical	N/A
2**	2441.000	91.03	-13.48	--	--	AV	28.00	200	Vertical	N/A
3	2912.400	48.81	-11.39	74.0	25.19	Peak	130.00	200	Vertical	Pass
3**	2912.400	39.24	-11.39	54.0	14.76	AV	130.00	200	Vertical	Pass
4	4854.200	46.32	-6.41	74.0	27.68	Peak	301.00	200	Vertical	Pass
4**	4854.200	38.27	-6.41	54.0	15.73	AV	301.00	200	Vertical	Pass
5	6988.400	51.19	-1.50	74.0	22.81	Peak	140.00	100	Vertical	Pass
5**	6988.400	42.65	-1.50	54.0	11.35	AV	140.00	100	Vertical	Pass
6	16712.176	51.63	6.90	74.0	22.37	Peak	311.00	100	Vertical	Pass
6**	16712.176	42.46	6.90	54.0	11.54	AV	311.00	100	Vertical	Pass

$\pi/4$ -DQPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

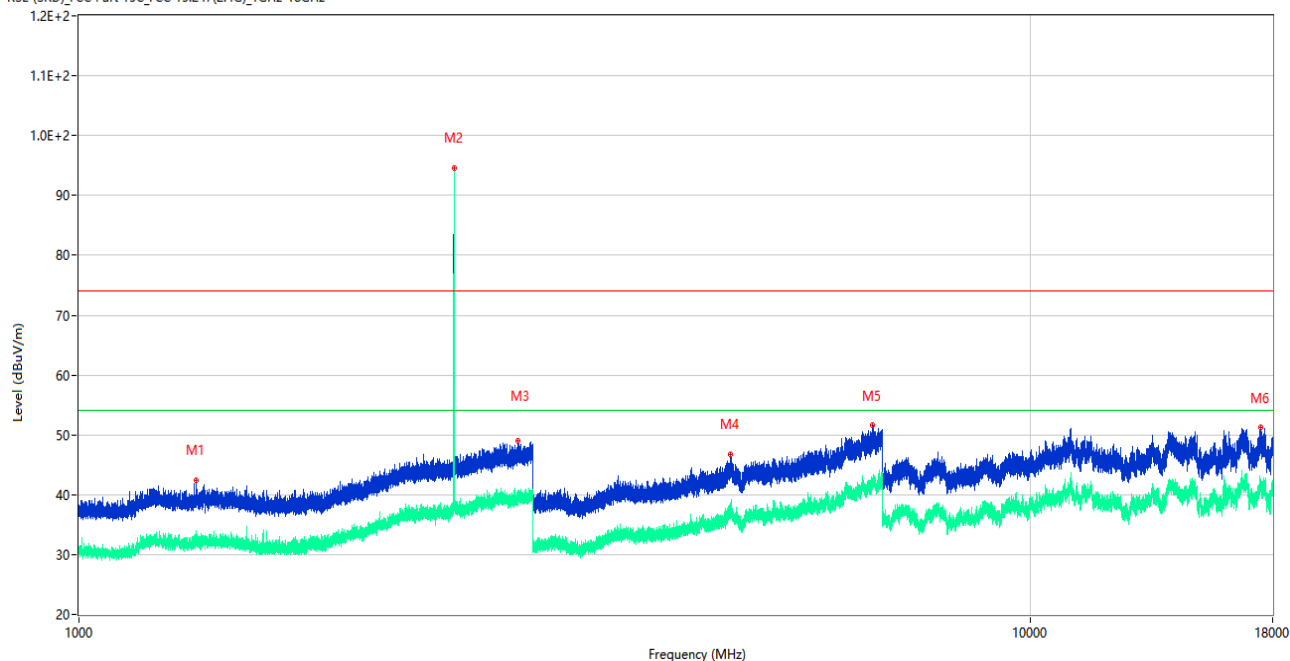
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.200	42.39	-17.32	74.0	31.61	Peak	0.00	300	Horizontal	Pass
1**	1345.200	32.64	-17.32	54.0	21.36	AV	0.00	300	Horizontal	Pass
2	2480.000	95.26	-13.55	--	--	Peak	27.00	200	Horizontal	N/A
2**	2480.000	94.96	-13.55	--	--	AV	27.00	200	Horizontal	N/A
3	2887.100	48.99	-11.68	74.0	25.01	Peak	304.00	200	Horizontal	Pass
3**	2887.100	40.07	-11.68	54.0	13.93	AV	304.00	200	Horizontal	Pass
4	4841.600	46.22	-6.80	74.0	27.78	Peak	360.00	100	Horizontal	Pass
4**	4841.600	36.81	-6.80	54.0	17.19	AV	360.00	100	Horizontal	Pass
5	6979.200	51.39	-1.22	74.0	22.61	Peak	201.00	400	Horizontal	Pass
5**	6979.200	42.35	-1.22	54.0	11.65	AV	201.00	400	Horizontal	Pass
6	17958.261	51.89	5.41	74.0	22.11	Peak	75.00	100	Horizontal	Pass
6**	17958.261	41.14	5.41	54.0	12.86	AV	75.00	100	Horizontal	Pass

$\pi/4$ -DQPSK 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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	42.45	-17.50	74.0	31.55	Peak	129.00	300	Vertical	Pass
1**	1328.400	32.11	-17.50	54.0	21.89	AV	129.00	300	Vertical	Pass
2	2480.200	94.67	-13.56	--	--	Peak	66.00	200	Vertical	N/A
2**	2480.200	93.00	-13.56	--	--	AV	66.00	200	Vertical	N/A
3	2896.400	49.09	-11.21	74.0	24.91	Peak	169.00	100	Vertical	Pass
3**	2896.400	39.18	-11.21	54.0	14.82	AV	169.00	100	Vertical	Pass
4	4842.600	46.74	-6.56	74.0	27.26	Peak	360.00	150	Vertical	Pass
4**	4842.600	36.80	-6.56	54.0	17.20	AV	360.00	150	Vertical	Pass
5	6823.200	51.58	-1.61	74.0	22.42	Peak	61.00	400	Vertical	Pass
5**	6823.200	41.96	-1.61	54.0	12.04	AV	61.00	400	Vertical	Pass
6	17480.249	51.21	7.95	74.0	22.79	Peak	184.00	100	Vertical	Pass
6**	17480.249	41.60	7.95	54.0	12.40	AV	184.00	100	Vertical	Pass

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

Note¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

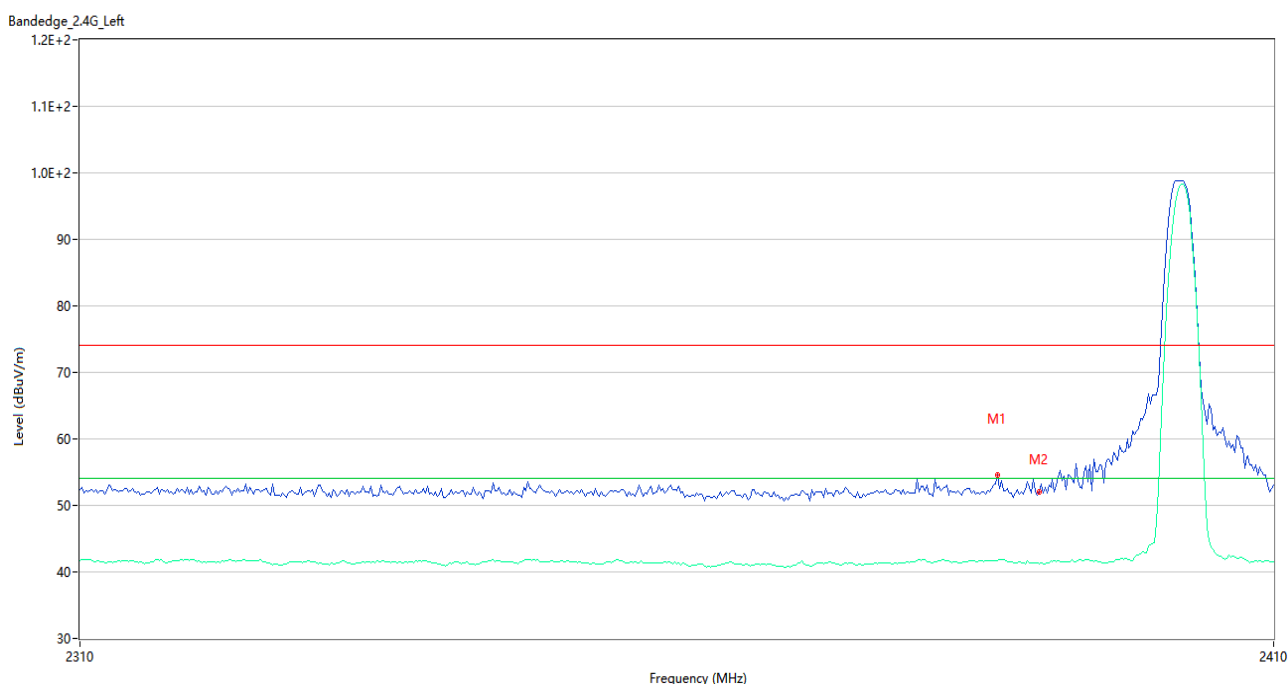
Note³: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note⁴: The Level (dBuV/m) has been corrected by factor.

Note⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

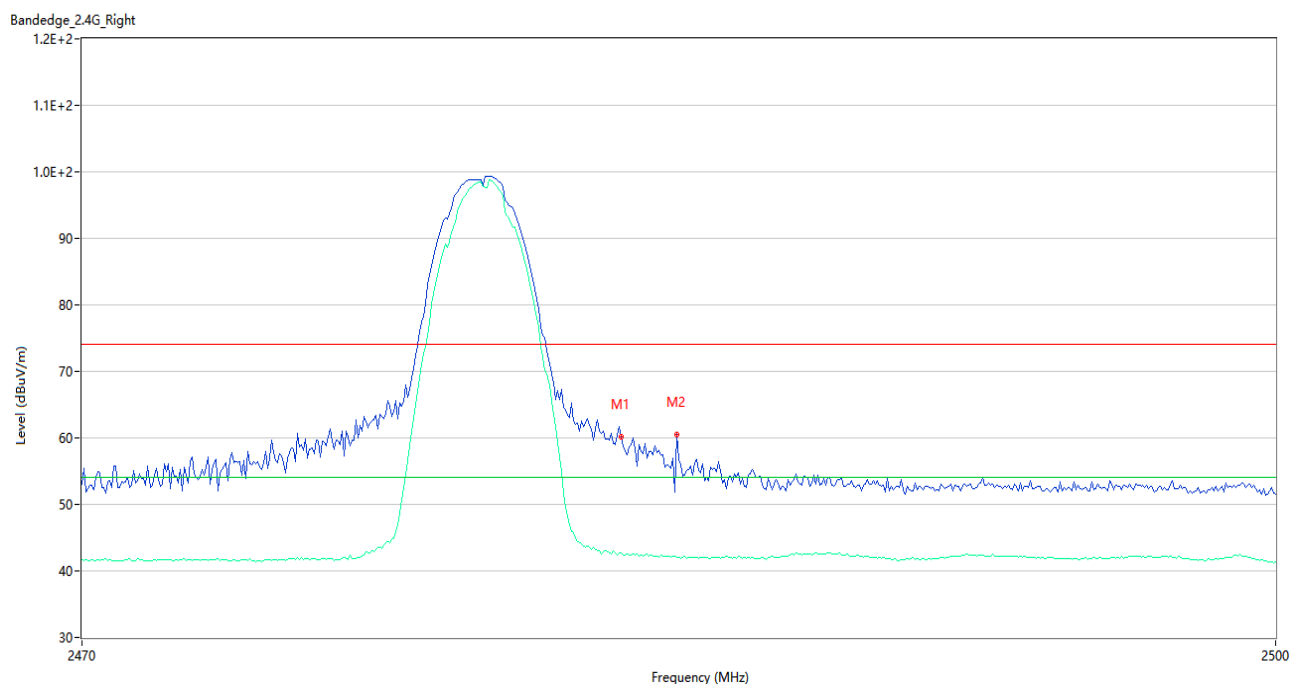
Test Data and Plots

GFSK LOW CHANNEL



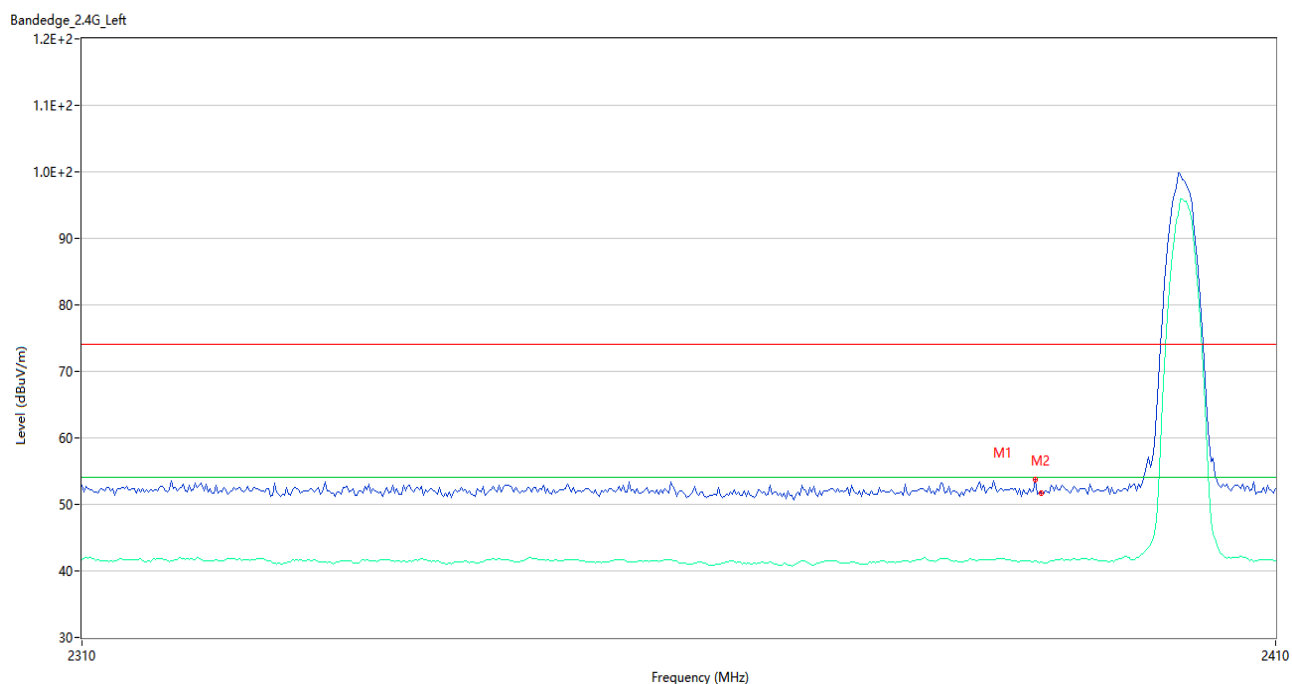
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.749	54.71	-1.55	74.0	19.29	Peak	0.00	200	Horizontal	Pass
1**	2385.749	40.89	-1.55	54.0	13.11	AV	0.00	200	Horizontal	Pass
2	2390.000	49.16	-2.16	74.0	24.84	Peak	358.00	400	Horizontal	Pass
2**	2390.000	38.43	-2.16	54.0	15.57	AV	358.00	400	Horizontal	Pass

GFSK HIGH CHANNEL



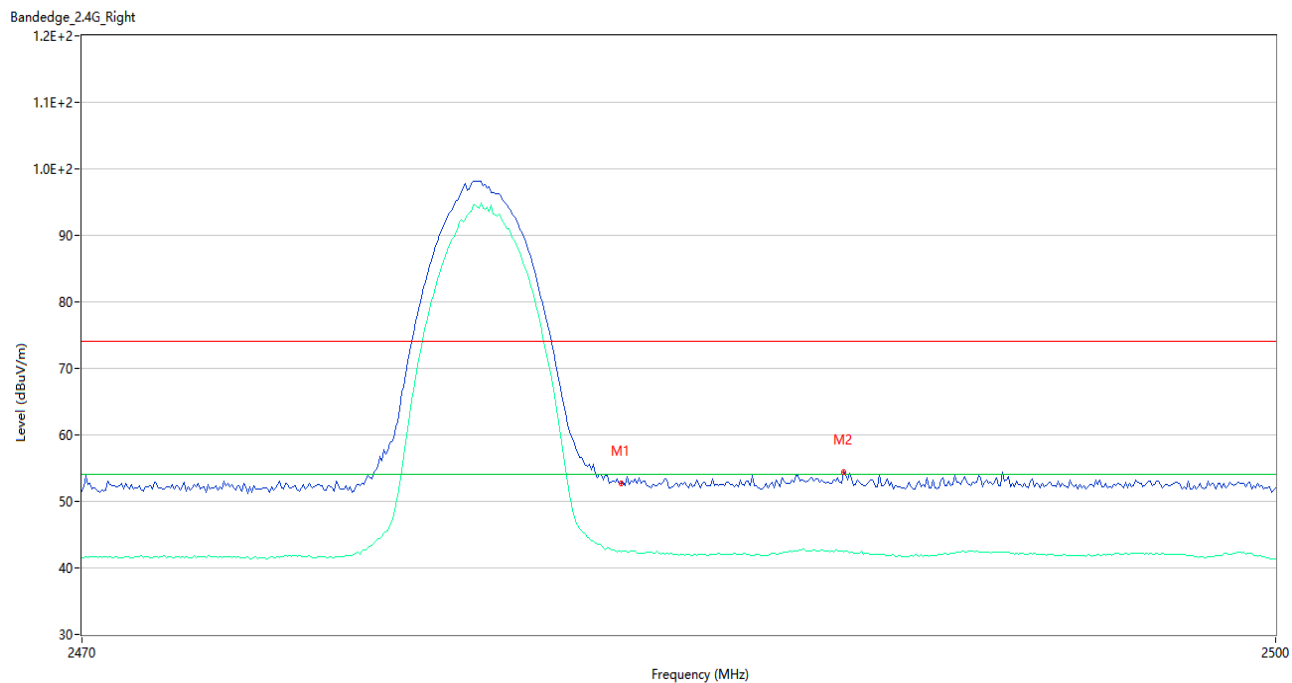
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.32	-1.04	74.0	13.68	Peak	4.00	400	Horizontal	Pass
1**	2483.500	42.51	-1.04	54.0	11.49	AV	4.00	400	Horizontal	Pass
2	2485.848	60.59	-1.16	74.0	13.41	Peak	208.00	200	Horizontal	Pass
2**	2485.848	40.44	-1.16	54.0	13.56	AV	208.00	200	Horizontal	Pass

π/4-DQPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.759	52.50	-2.02	74.0	21.50	Peak	347.00	200	Horizontal	Pass
1**	2387.759	38.83	-2.02	54.0	15.17	AV	347.00	200	Horizontal	Pass
2	2390.000	52.62	-2.16	74.0	21.38	Peak	332.00	100	Horizontal	Pass
2**	2390.000	41.92	-2.16	54.0	12.08	AV	332.00	100	Horizontal	Pass

π/4-DQPSK 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	50.9	-1.04	74.0	23.10	Peak	354.00	300	Horizontal	Pass
1**	2483.500	40.25	-1.04	54.0	13.75	AV	354.00	300	Horizontal	Pass
2	2490.095	52.48	-0.84	74.0	21.52	Peak	271.00	100	Horizontal	Pass
2**	2490.095	42.49	-0.84	54.0	11.51	AV	271.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26060305-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060305-AW-2.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26060305-AI-2.PDF”.

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--END OF REPORT--