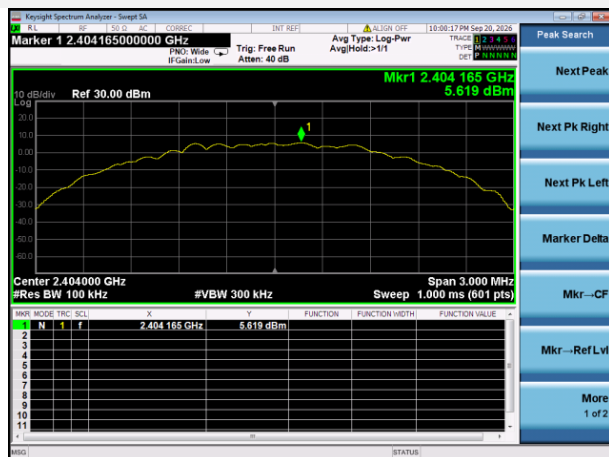
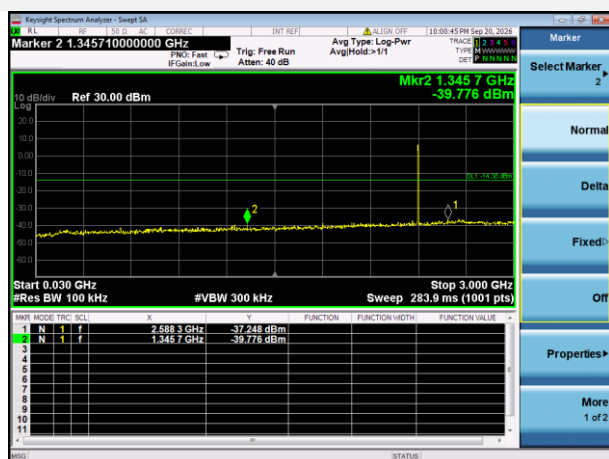


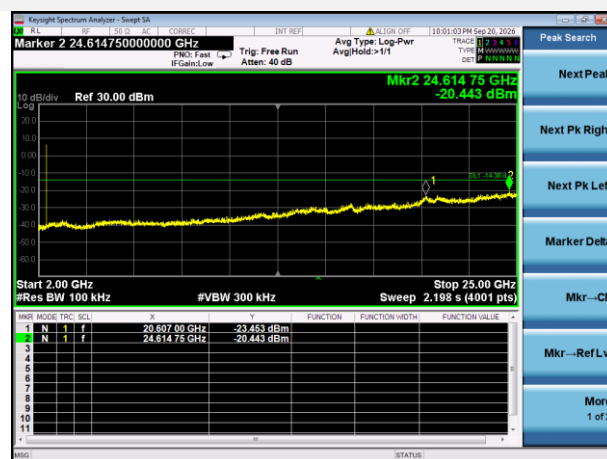
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



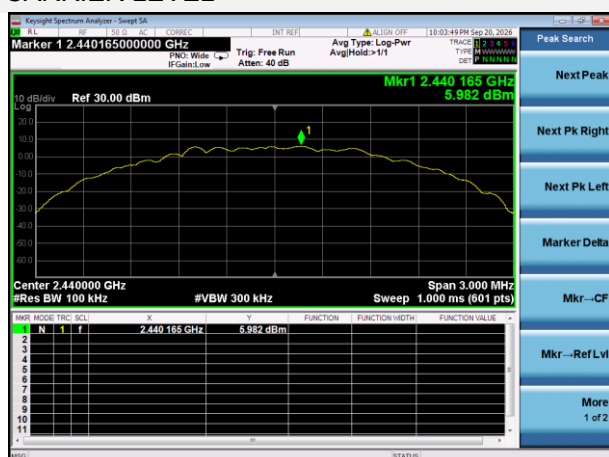
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



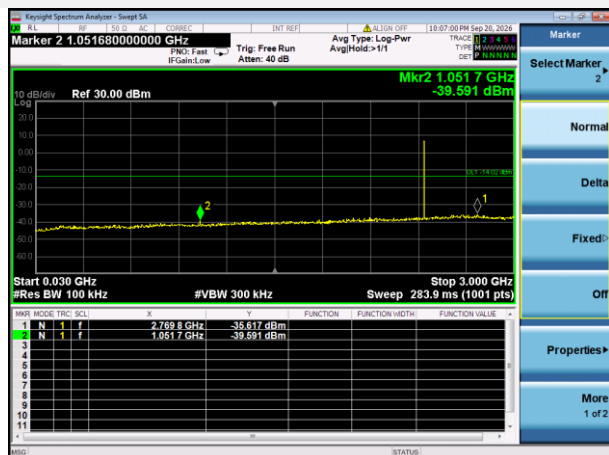
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



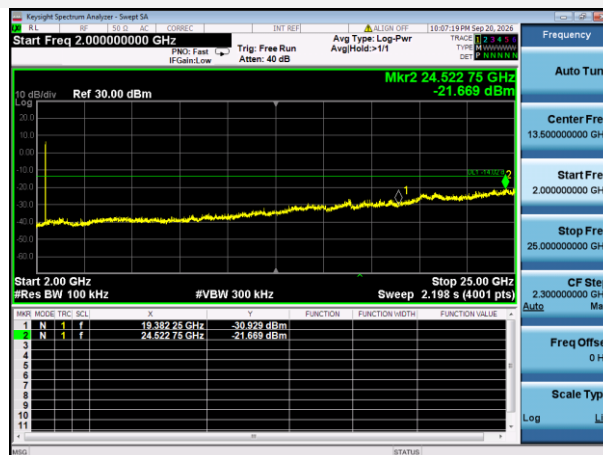
GFSK (BLE 2Mbps) MIDDLE CHANNEL, CARRIER LEVEL



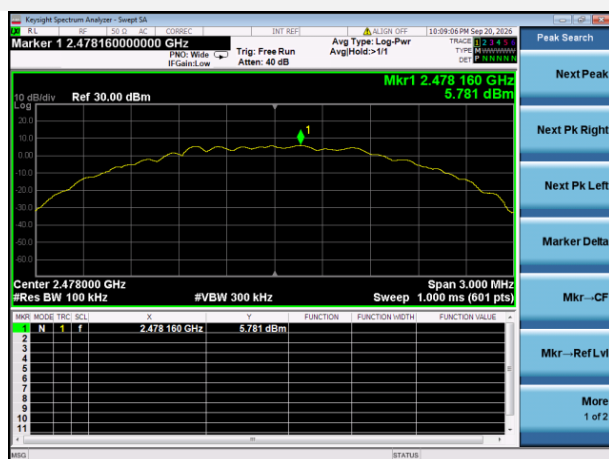
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



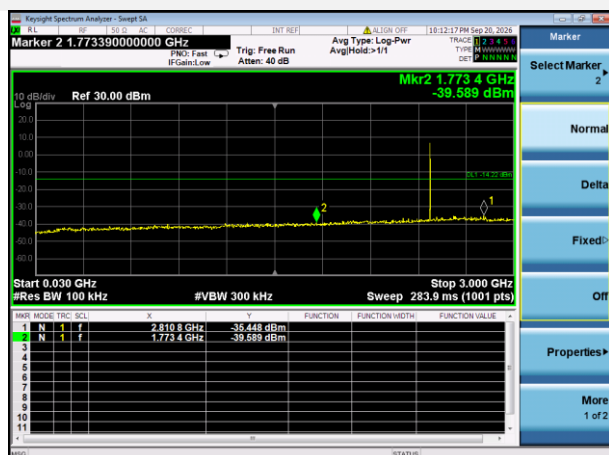
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



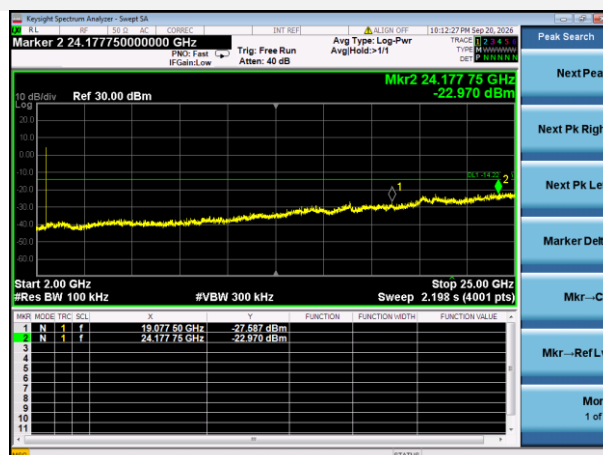
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



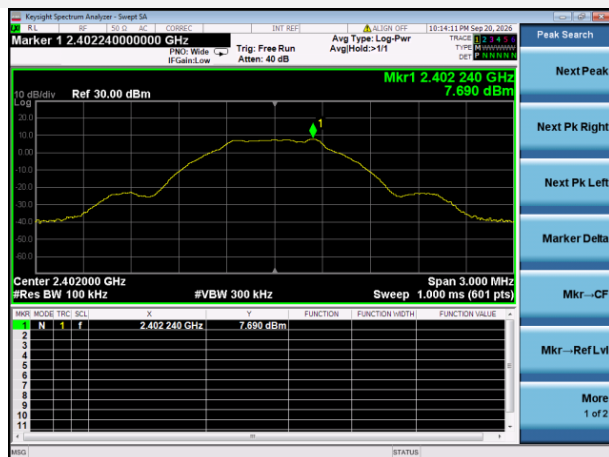
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



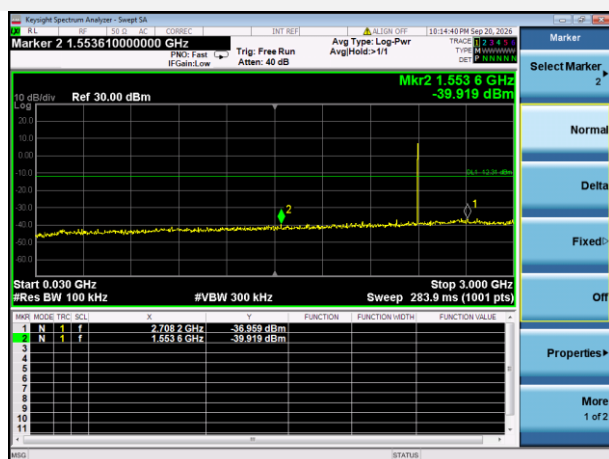
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



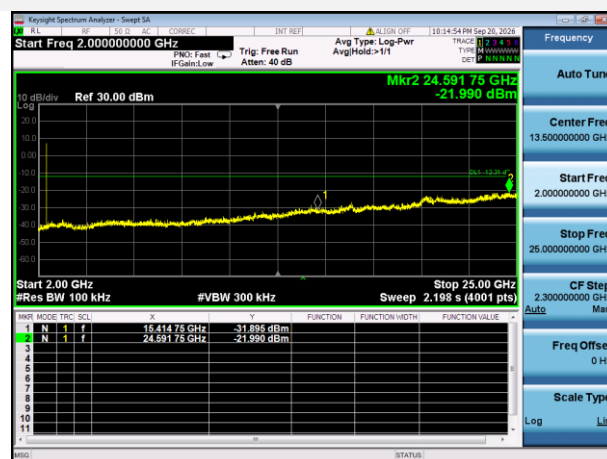
GFSK (BLE Coded 2) LOW CHANNEL, CARRIER LEVEL



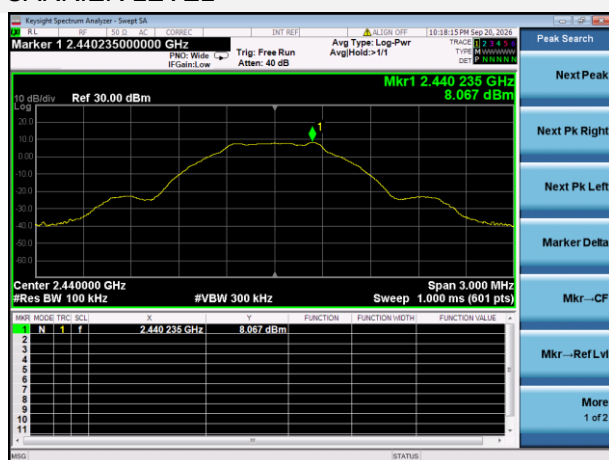
GFSK (BLE Coded 2) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



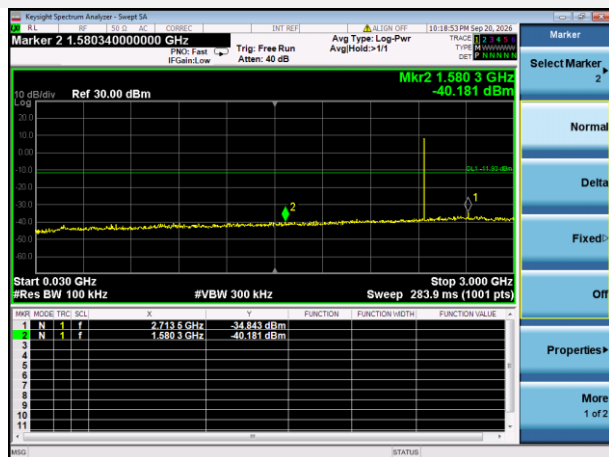
GFSK (BLE Coded 2) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



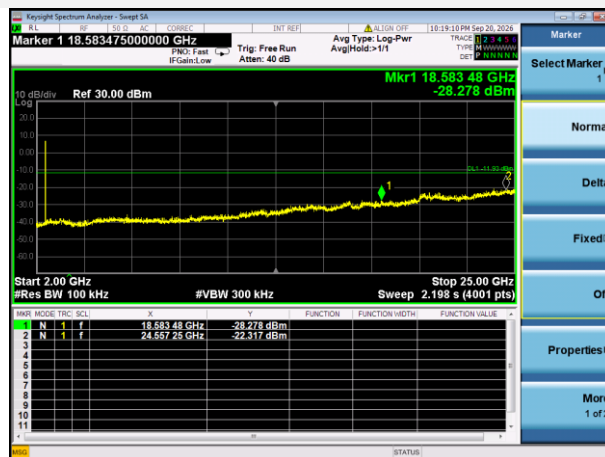
GFSK (BLE Coded 2) MIDDLE CHANNEL, CARRIER LEVEL



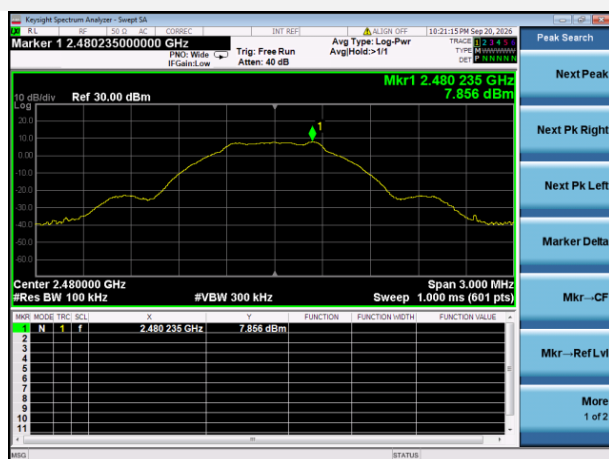
GFSK (BLE Coded 2) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



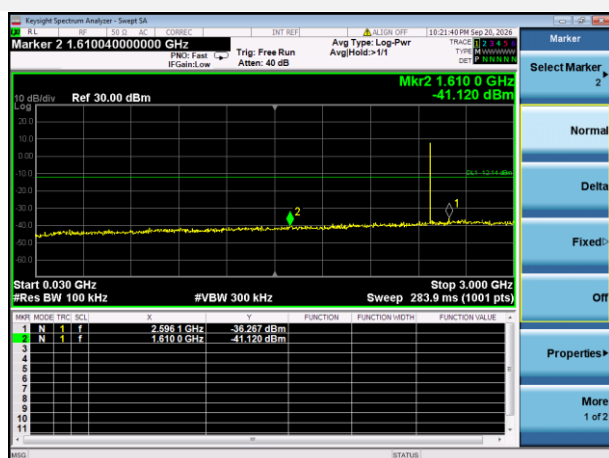
GFSK (BLE Coded 2) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



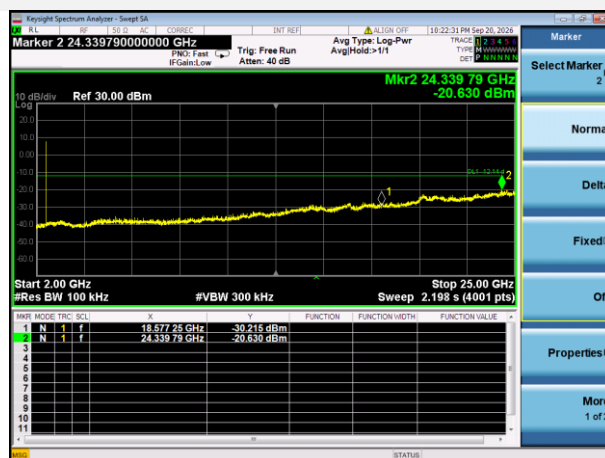
GFSK (BLE Coded 2) HIGH CHANNEL, CARRIER LEVEL



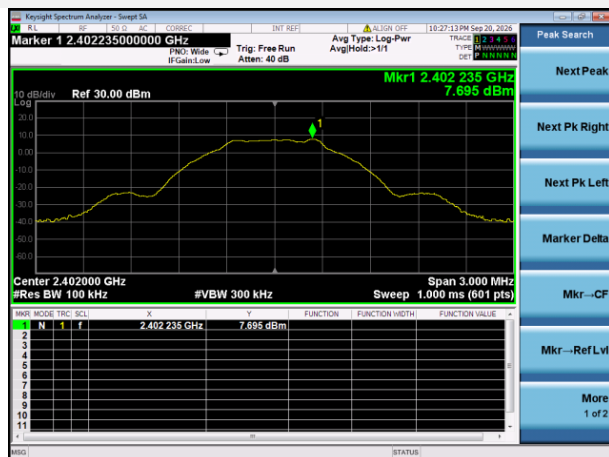
GFSK (BLE Coded 2) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



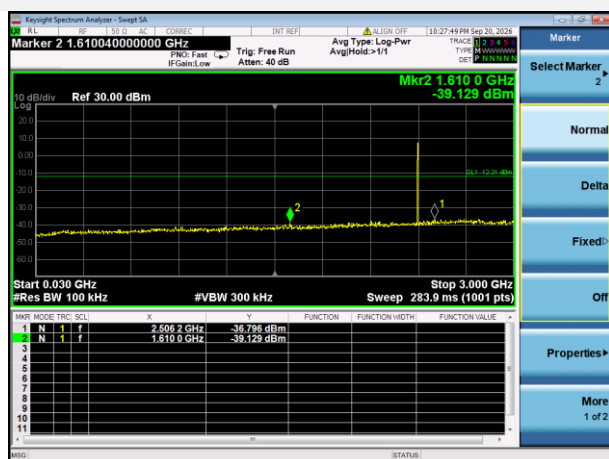
GFSK (BLE Coded 2) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



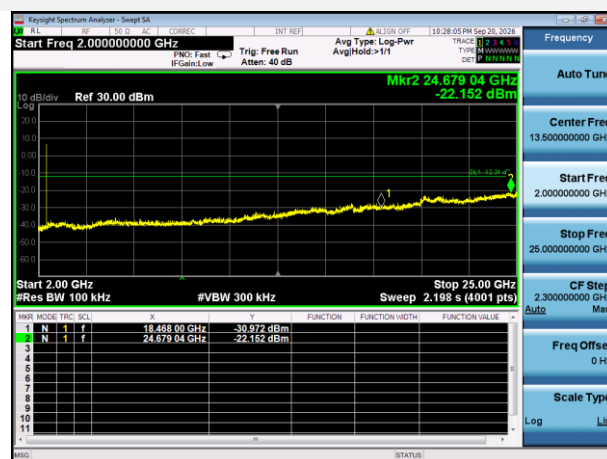
GFSK (BLE Coded 8) LOW CHANNEL, CARRIER LEVEL



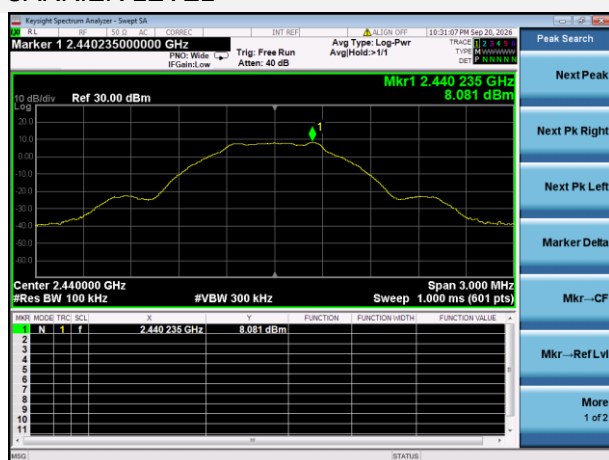
GFSK (BLE Coded 8) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



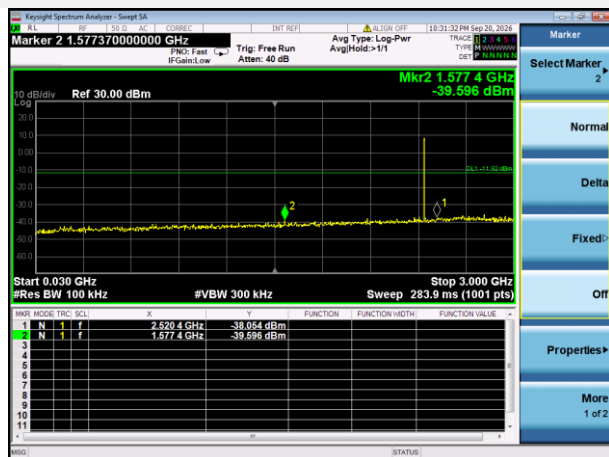
GFSK (BLE Coded 8) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



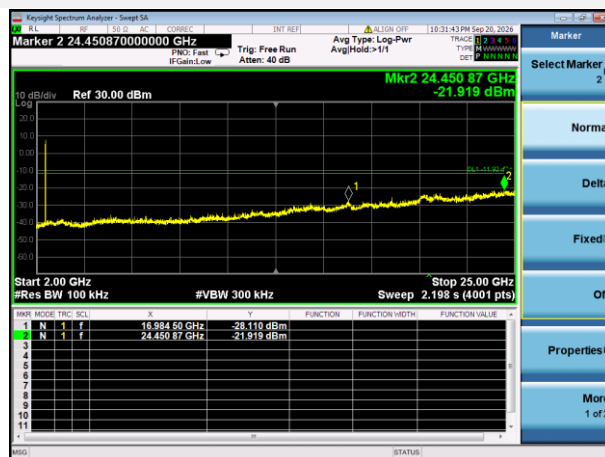
GFSK (BLE Coded 8) MIDDLE CHANNEL, CARRIER LEVEL



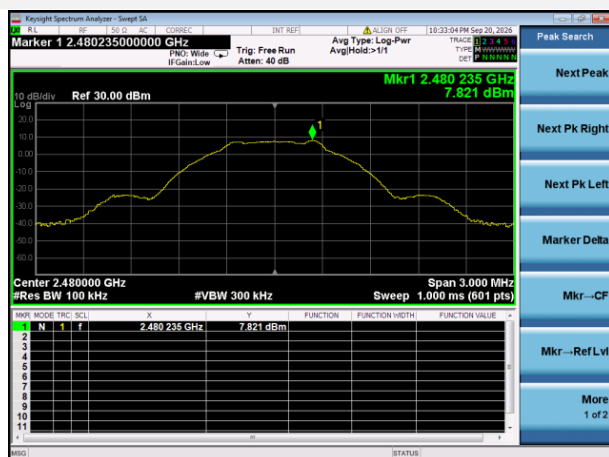
GFSK (BLE125K) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



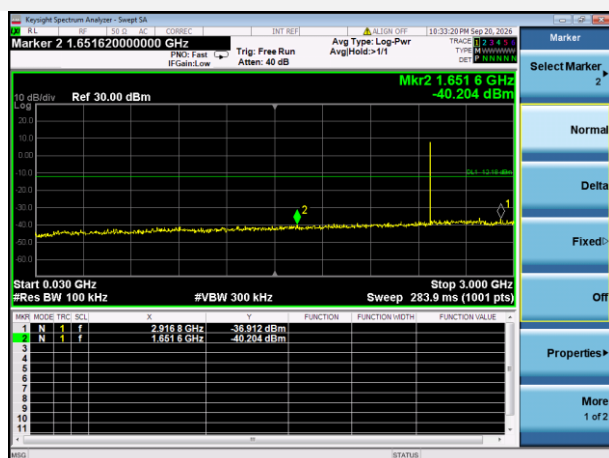
GFSK (BLE Coded 8) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



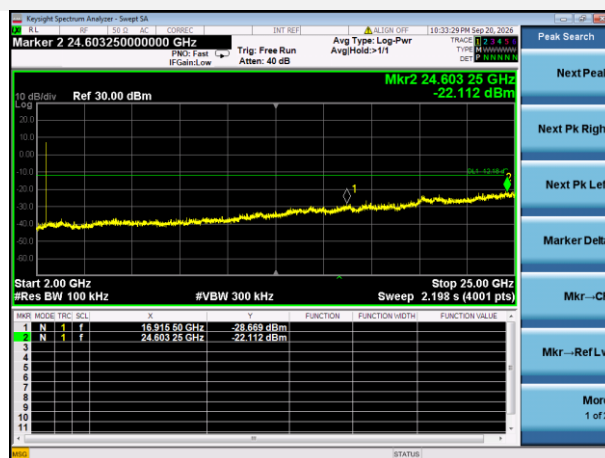
GFSK (BLE Coded 8) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE125K) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK (BLE Coded 8) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

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

Test Data

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-47.76	7.71	-12.29	Pass
High Channel	-56.37	8.03	-11.97	Pass

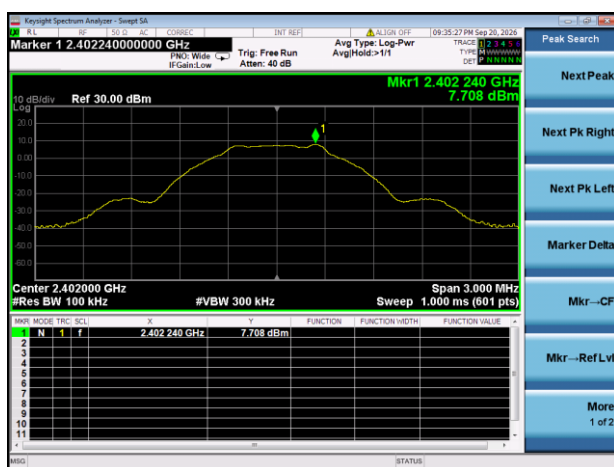
GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-48.61	5.62	-14.38	Pass
High Channel	-56.46	5.78	-14.22	Pass

GFSK (BLE Coded 2)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.06	7.69	-12.31	Pass
High Channel	-57.08	7.86	-12.14	Pass

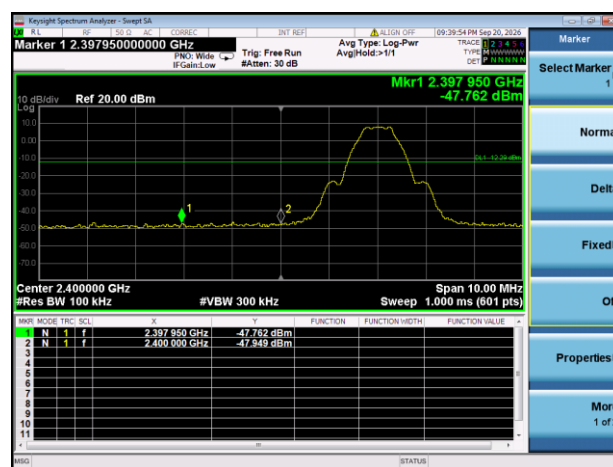
GFSK (BLE Coded 8)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-47.46	7.70	-12.31	Pass
High Channel	-56.43	7.82	-12.18	Pass

Test Plots

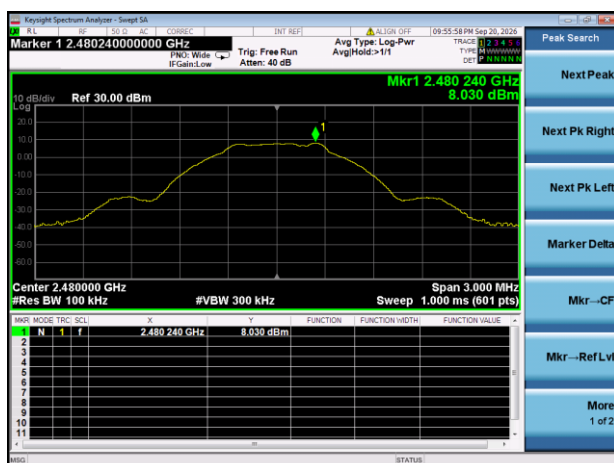
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



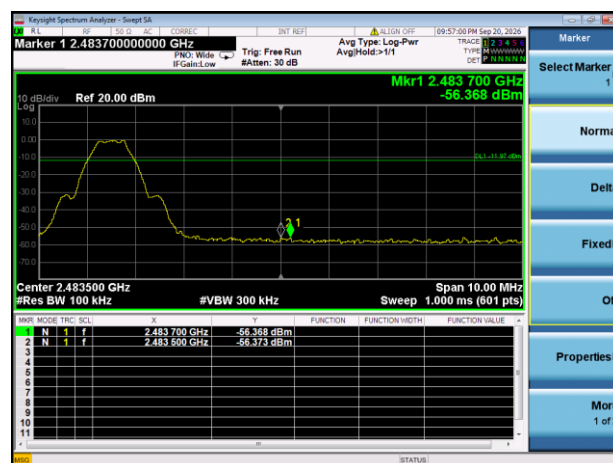
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



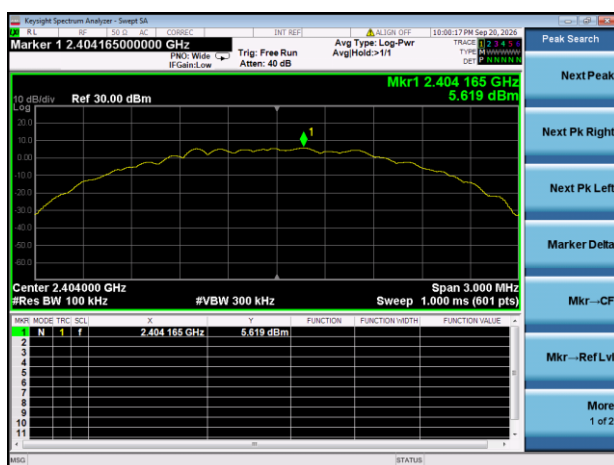
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



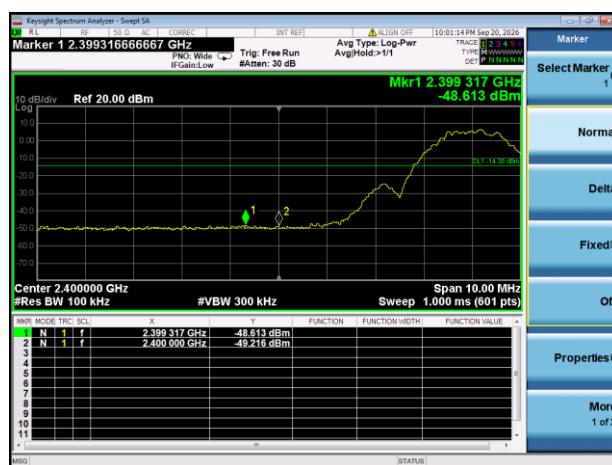
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



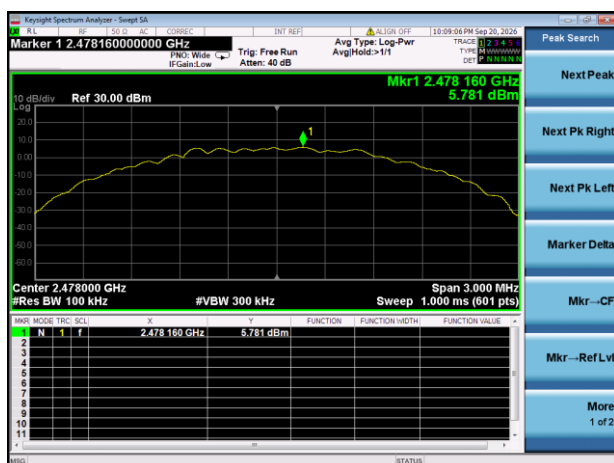
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



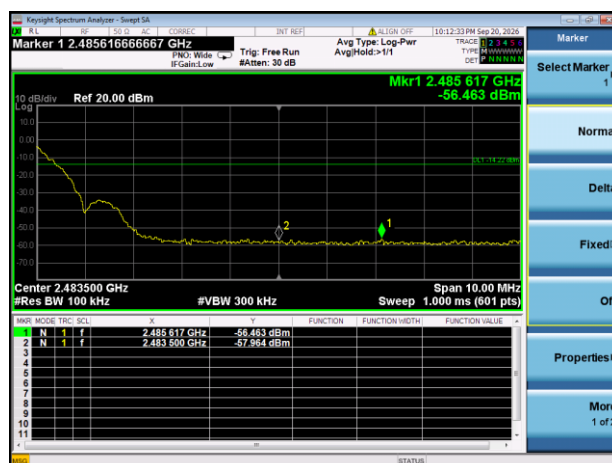
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



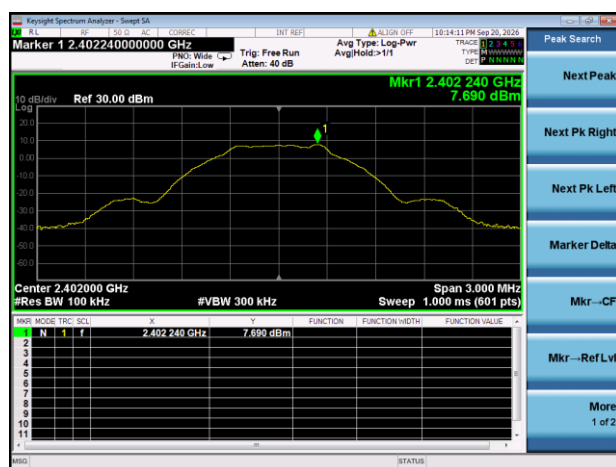
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



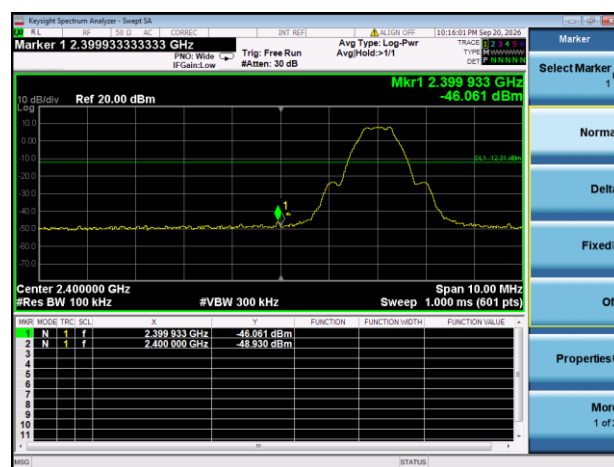
GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



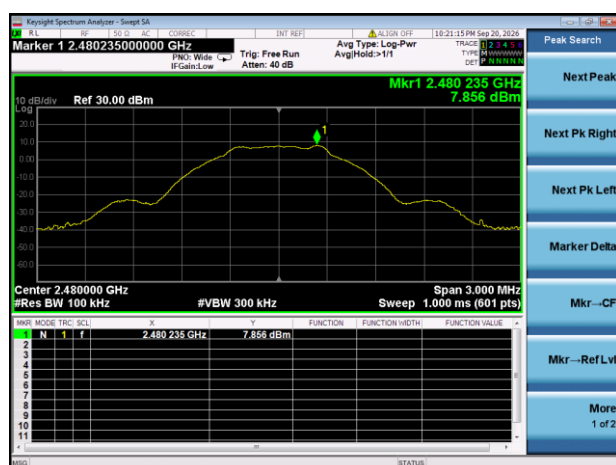
GFSK (BLE Coded 2) LOW CHANNEL, CARRIER LEVEL



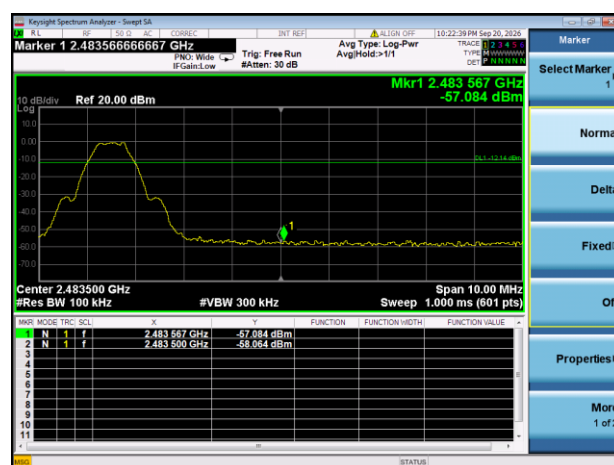
GFSK (BLE Coded 2) LOW CHANNEL, BAND EDGE



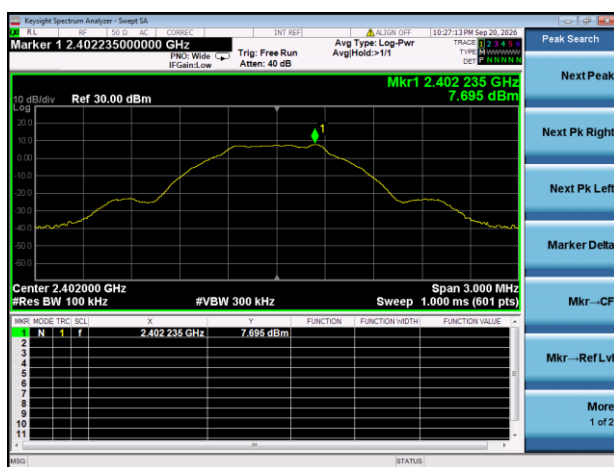
GFSK (BLE Coded 2) HIGH CHANNEL, CARRIER LEVEL



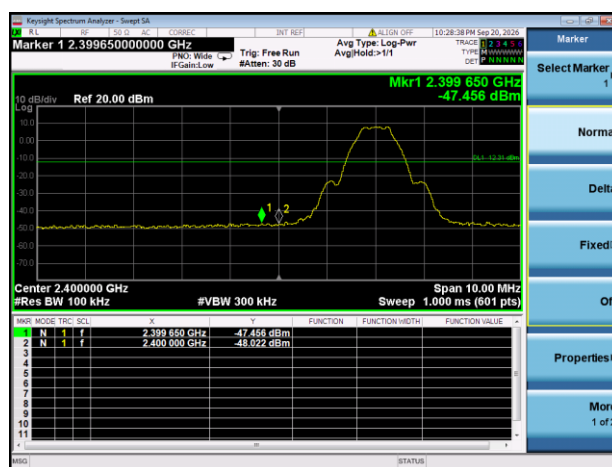
GFSK (BLE Coded 2) HIGH CHANNEL, BAND EDGE



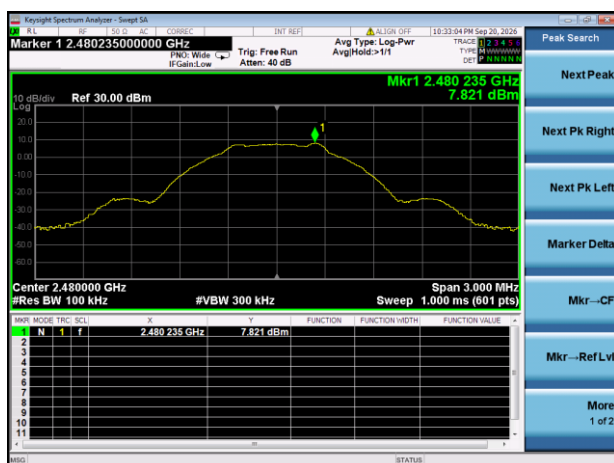
GFSK (BLE Coded 8) LOW CHANNEL, CARRIER LEVEL



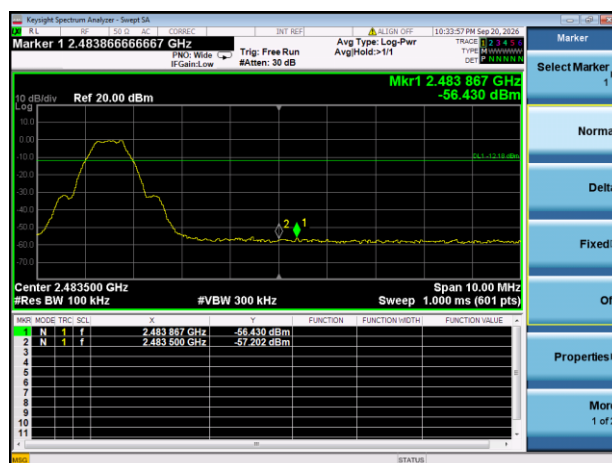
GFSK (BLE Coded 8) LOW CHANNEL, BAND EDGE



GFSK (BLE125K) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE Coded 8) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

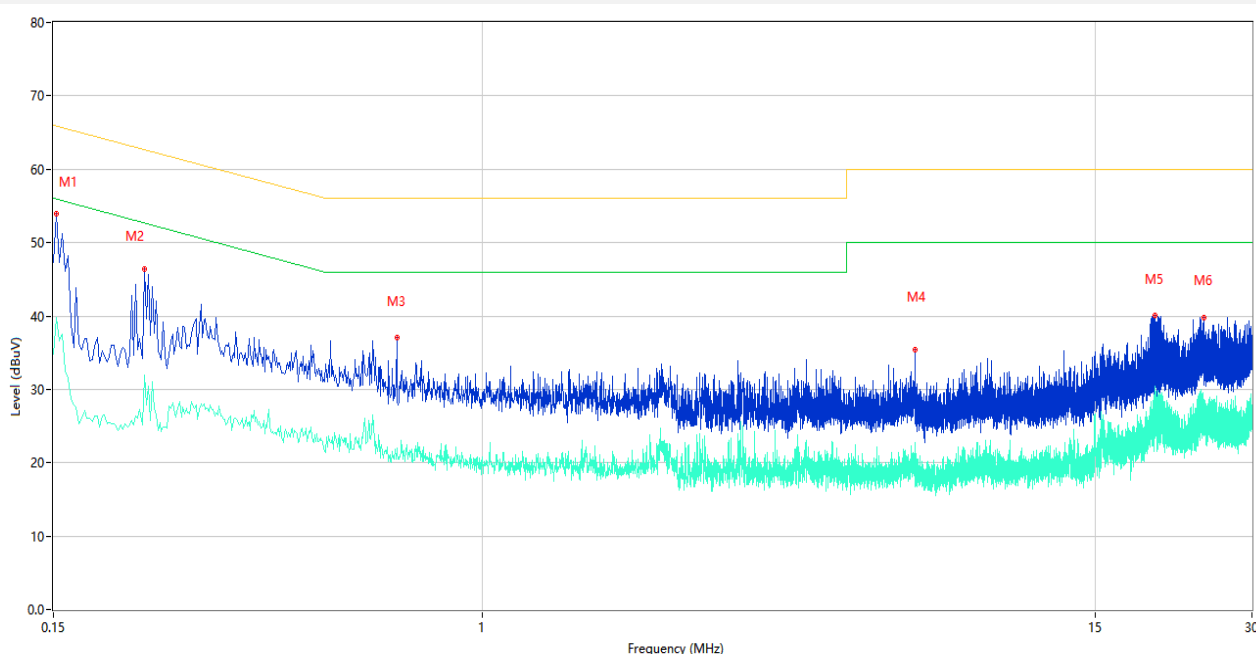
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

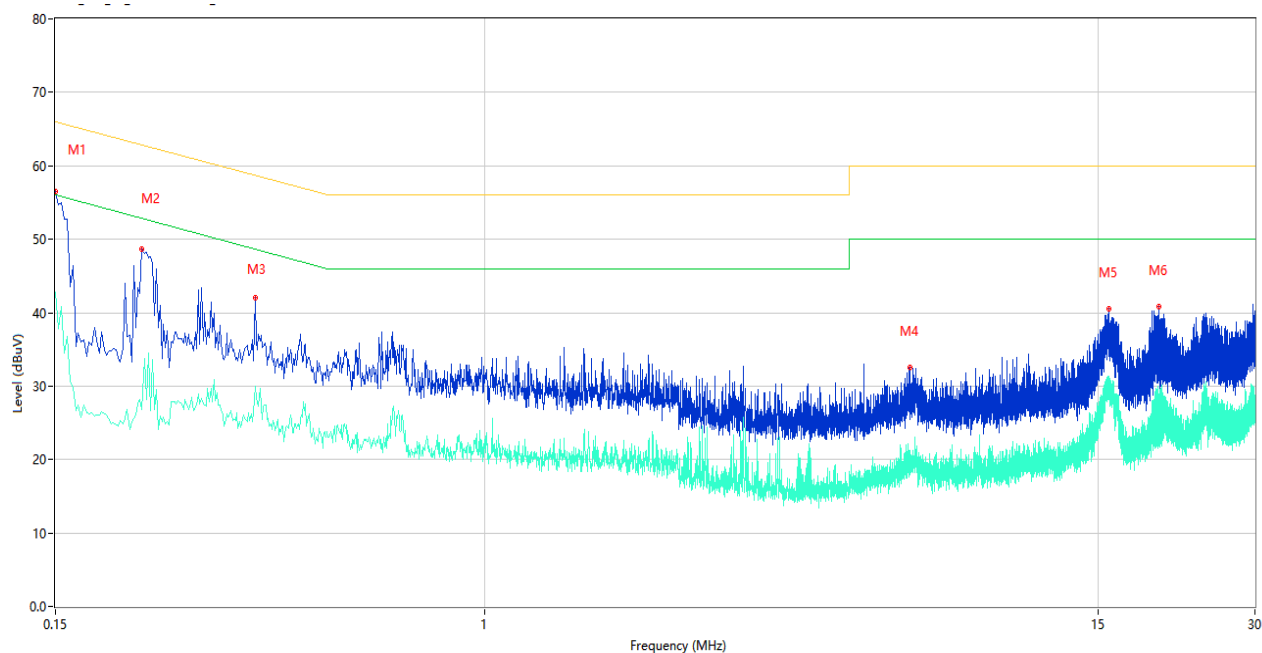
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	53.93	10.23	65.89	11.96	Peak	L	Pass
1**	0.152	39.75	10.23	55.89	16.14	AV	L	Pass
2	0.224	46.47	10.23	62.67	16.20	Peak	L	Pass
2**	0.224	31.89	10.23	52.67	20.78	AV	L	Pass
3	0.684	37.04	10.27	56.00	18.96	Peak	L	Pass
3**	0.684	21.95	10.27	46.00	24.05	AV	L	Pass
4	6.760	35.42	12.04	60.00	24.58	Peak	L	Pass
4**	6.760	22.79	12.04	50.00	27.21	AV	L	Pass
5	19.540	40.02	14.96	60.00	19.98	Peak	L	Pass
5**	19.540	27.60	14.96	50.00	22.40	AV	L	Pass
6	24.270	39.84	15.74	60.00	20.16	Peak	L	Pass
6**	24.270	26.67	15.74	50.00	23.33	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	56.53	10.23	66.00	9.47	Peak	N	Pass
1**	0.150	42.80	10.23	56.00	13.20	AV	N	Pass
2	0.220	48.67	10.22	62.82	14.15	Peak	N	Pass
2**	0.220	26.81	10.22	52.82	26.01	AV	N	Pass
3	0.362	42.04	10.22	58.68	16.64	Peak	N	Pass
3**	0.362	30.05	10.22	48.68	18.63	AV	N	Pass
4	6.524	32.48	11.91	60.00	27.52	Peak	N	Pass
4**	6.524	20.46	11.91	50.00	29.54	AV	N	Pass
5	15.754	40.46	14.06	60.00	19.54	Peak	N	Pass
5**	15.754	29.55	14.06	50.00	20.45	AV	N	Pass
6	19.642	40.79	15.08	60.00	19.21	Peak	N	Pass
6**	19.642	28.45	15.08	50.00	21.55	AV	N	Pass

A.6 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 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.

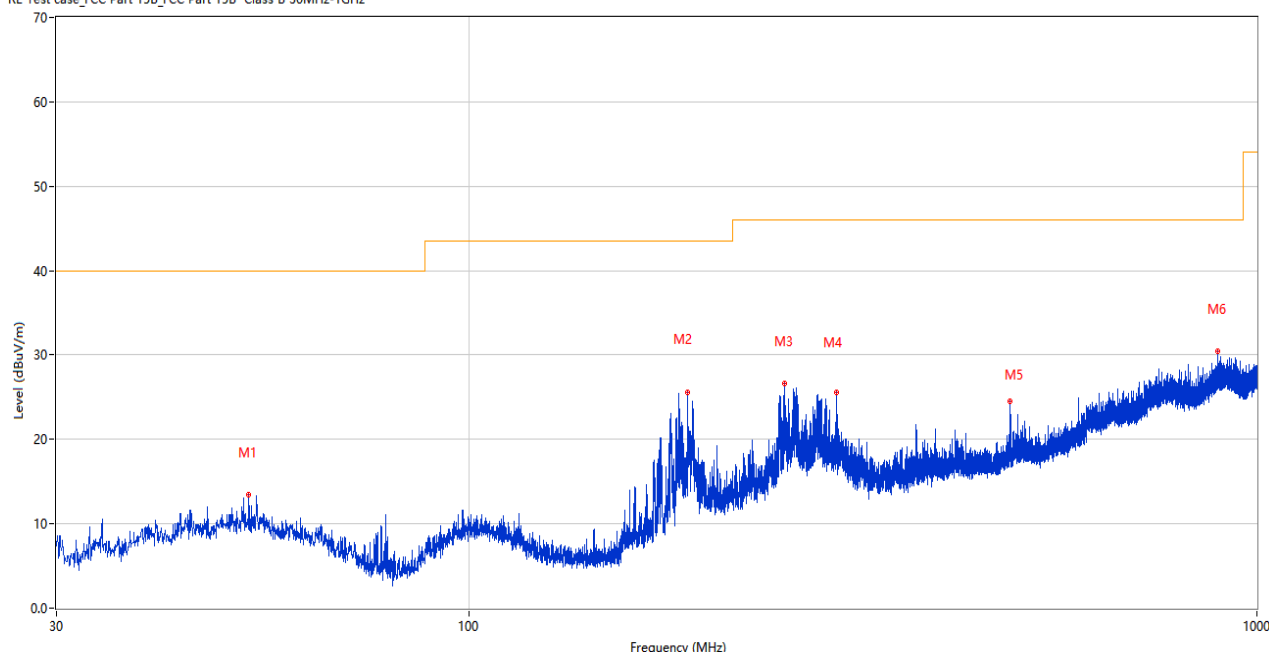
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and BLE 1M-High channel mode is the worst.

Note ⁵: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

Test Data and Plots

30 MHz to 1 GHz, ANT H

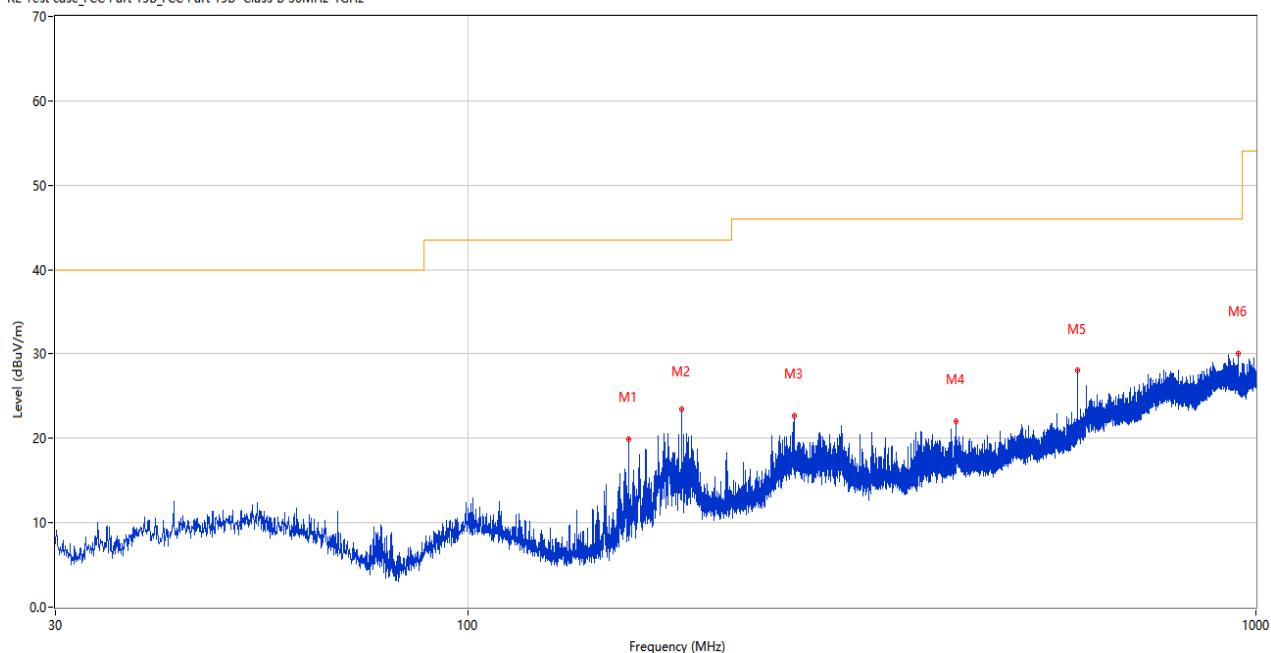
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.650	13.42	-25.28	40.0	26.58	Peak	208.00	100	Horizontal	Pass
2	189.759	25.64	-26.23	43.5	17.86	Peak	86.00	100	Horizontal	Pass
3	251.596	26.66	-24.12	46.0	19.34	Peak	286.00	200	Horizontal	Pass
4	292.967	25.53	-23.26	46.0	20.47	Peak	102.00	100	Horizontal	Pass
5	485.463	24.55	-18.40	46.0	21.45	Peak	168.00	100	Horizontal	Pass
6	891.990	30.41	-9.00	46.0	15.59	Peak	141.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



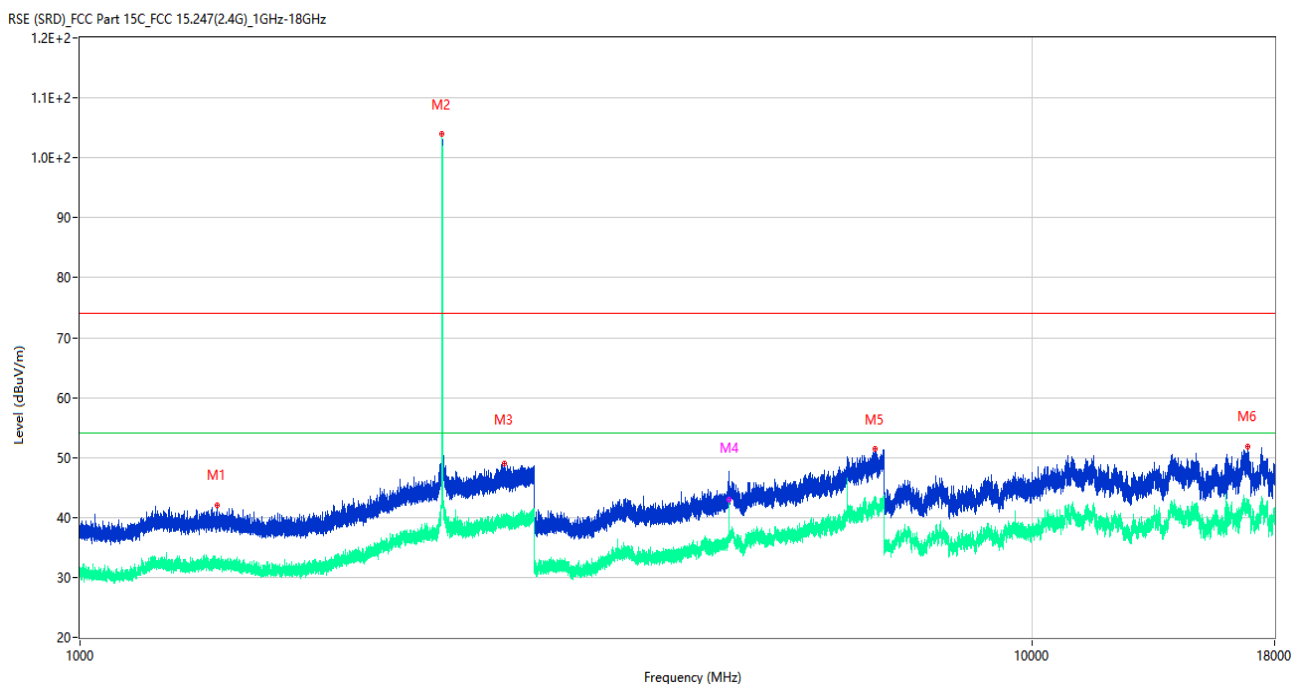
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	160.028	19.88	-28.91	43.5	23.62	Peak	243.00	100	Vertical	Pass
2	186.752	23.49	-26.82	43.5	20.01	Peak	208.00	100	Vertical	Pass
3	259.890	22.66	-24.69	46.0	23.34	Peak	347.00	200	Vertical	Pass
4	416.351	22.08	-19.99	46.0	23.92	Peak	137.00	100	Vertical	Pass
5	594.006	28.02	-15.38	46.0	17.98	Peak	22.00	100	Vertical	Pass
6	948.590	30.06	-8.88	46.0	15.94	Peak	52.00	200	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.

Note³: The RSE Plot only shows the worst-case scenario, while all other data are presented in tabular form.

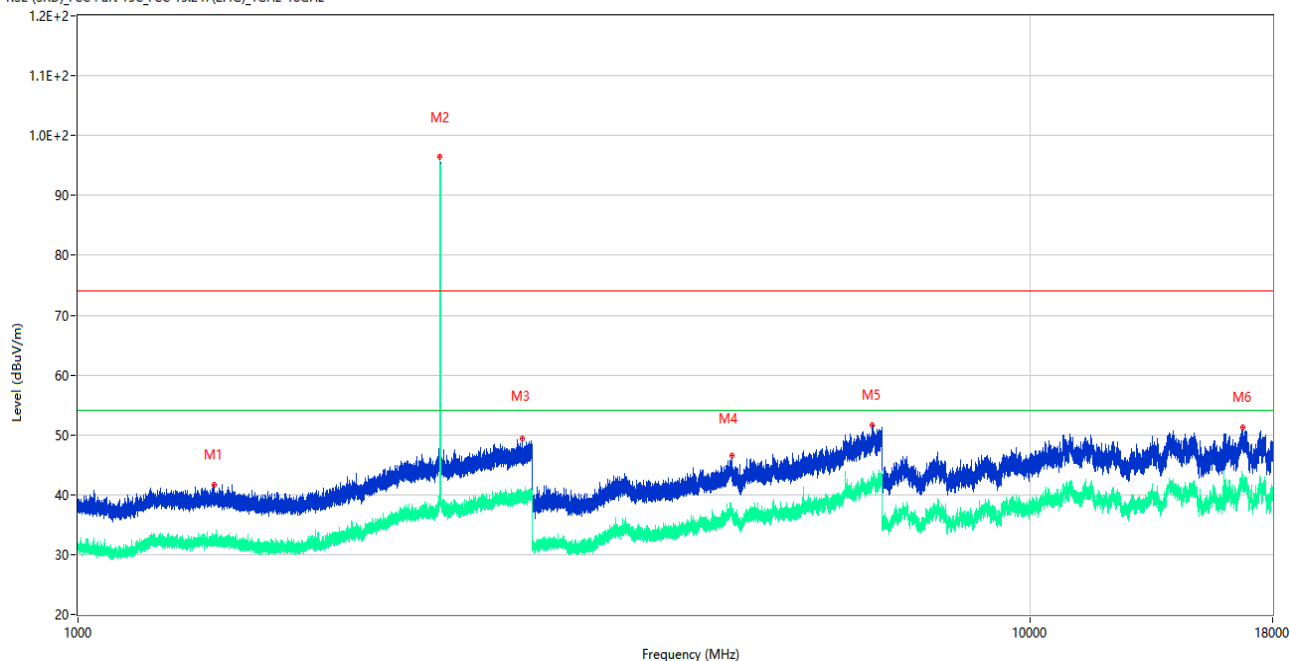
GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1394.200	42.05	-17.55	74.0	31.95	Peak	255.00	400	Horizontal	Pass
1**	1394.200	32.26	-17.55	54.0	21.74	AV	255.00	400	Horizontal	Pass
2	2401.700	103.97	-13.85	--	--	Peak	61.00	100	Horizontal	N/A
2**	2401.700	102.48	-13.85	--	--	AV	61.00	100	Horizontal	N/A
3	2795.100	49.01	-11.92	74.0	24.99	Peak	338.00	200	Horizontal	Pass
3**	2795.100	38.87	-11.92	54.0	15.13	AV	338.00	200	Horizontal	Pass
4	4804.000	47.26	-6.79	74.0	26.74	Peak	179.00	100	Horizontal	Pass
4**	4804.000	43.02	-6.79	54.0	10.98	AV	179.00	100	Horizontal	Pass
5	6852.800	51.40	-1.22	74.0	22.60	Peak	58.00	300	Horizontal	Pass
5**	6852.800	42.26	-1.22	54.0	11.74	AV	58.00	300	Horizontal	Pass
6	16866.000	51.91	6.56	74.0	22.09	Peak	83.00	100	Horizontal	Pass
6**	16866.000	41.73	6.56	54.0	12.27	AV	83.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

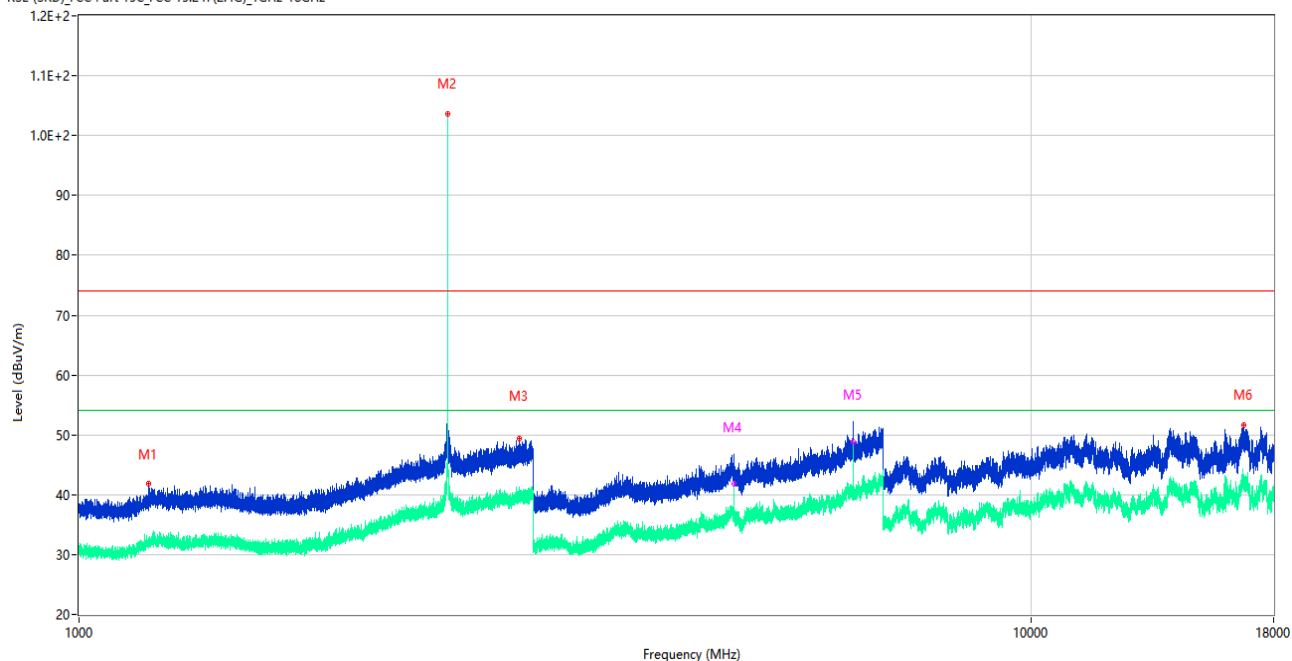
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.600	41.69	-17.52	74.0	32.31	Peak	79.00	300	Vertical	Pass
1**	1390.600	31.99	-17.52	54.0	22.01	AV	79.00	300	Vertical	Pass
2	2401.700	96.41	-13.85	--	--	Peak	0.00	100	Vertical	N/A
2**	2401.700	95.57	-13.85	--	--	AV	0.00	100	Vertical	N/A
3	2932.900	49.46	-11.52	74.0	24.54	Peak	246.00	200	Vertical	Pass
3**	2932.900	39.95	-11.52	54.0	14.05	AV	246.00	200	Vertical	Pass
4	4861.600	46.61	-6.79	74.0	27.39	Peak	152.00	300	Vertical	Pass
4**	4861.600	36.69	-6.79	54.0	17.31	AV	152.00	300	Vertical	Pass
5	6831.000	51.69	-1.89	74.0	22.31	Peak	309.00	200	Vertical	Pass
5**	6831.000	42.03	-1.89	54.0	11.97	AV	309.00	200	Vertical	Pass
6	16736.850	51.35	6.37	74.0	22.65	Peak	11.00	100	Vertical	Pass
6**	16736.850	41.91	6.37	54.0	12.09	AV	11.00	100	Vertical	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

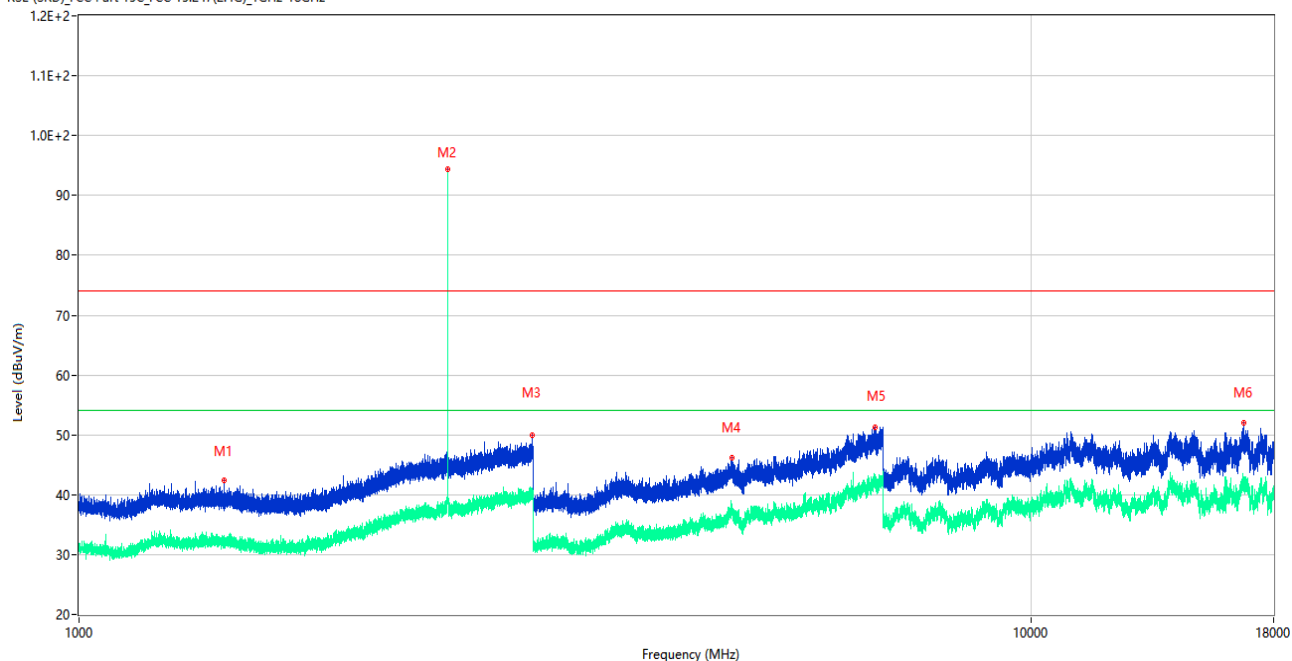
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1184.700	41.77	-17.68	74.0	32.23	Peak	137.00	100	Horizontal	Pass
1**	1184.700	31.76	-17.68	54.0	22.24	AV	137.00	100	Horizontal	Pass
2	2439.700	103.65	-13.99	--	--	Peak	42.00	200	Horizontal	N/A
2**	2439.700	102.08	-13.99	--	--	AV	42.00	200	Horizontal	N/A
3	2905.000	49.40	-11.35	74.0	24.60	Peak	21.00	200	Horizontal	Pass
3**	2905.000	39.20	-11.35	54.0	14.80	AV	21.00	200	Horizontal	Pass
4	4880.000	45.95	-7.47	74.0	28.05	Peak	0.00	100	Horizontal	Pass
4**	4880.000	41.91	-7.47	54.0	12.09	AV	0.00	100	Horizontal	Pass
5	6506.800	52.28	-4.01	74.0	21.72	Peak	231.00	100	Horizontal	Pass
5**	6506.800	48.86	-4.01	54.0	5.14	AV	231.00	100	Horizontal	Pass
6	16731.338	51.64	6.60	74.0	22.36	Peak	303.00	100	Horizontal	Pass
6**	16731.338	41.38	6.60	54.0	12.62	AV	303.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

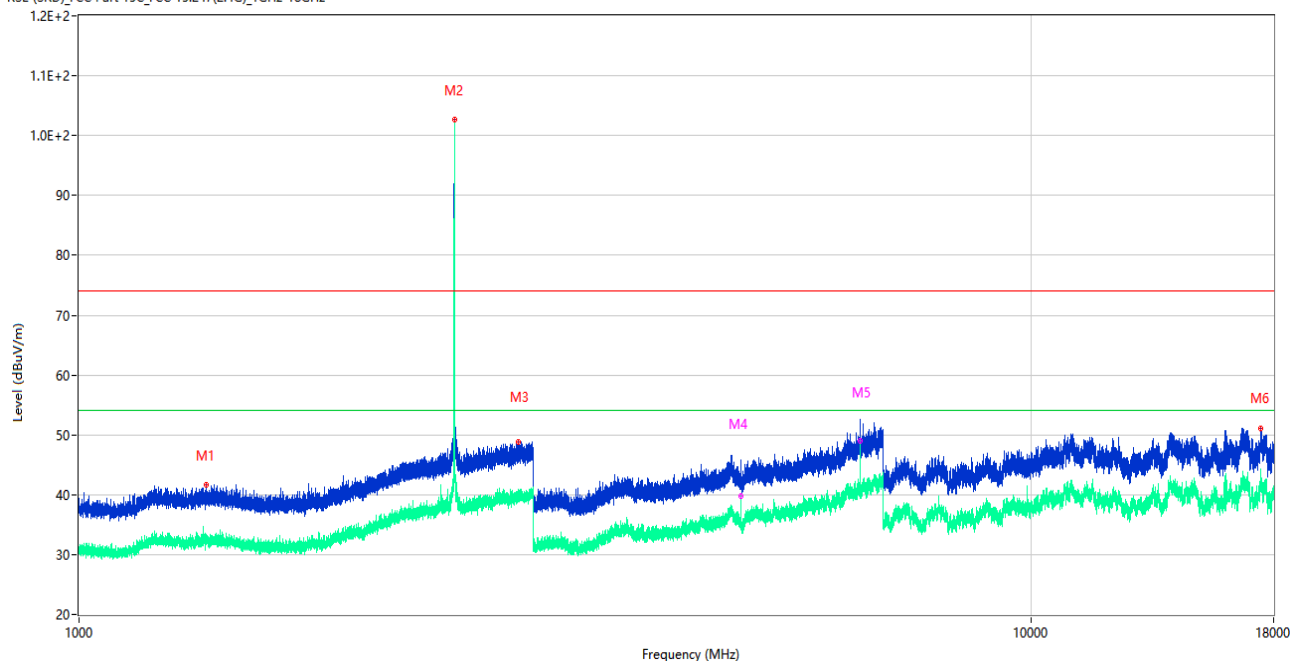
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1420.400	42.32	-17.58	74.0	31.68	Peak	251.00	200	Vertical	Pass
1**	1420.400	32.68	-17.58	54.0	21.32	AV	251.00	200	Vertical	Pass
2	2440.200	94.38	-13.98	--	--	Peak	340.00	200	Vertical	N/A
2**	2440.200	93.70	-13.98	--	--	AV	340.00	200	Vertical	N/A
3	2993.500	49.99	-11.03	74.0	24.01	Peak	317.00	200	Vertical	Pass
3**	2993.500	39.62	-11.03	54.0	14.38	AV	317.00	200	Vertical	Pass
4	4855.200	46.25	-6.29	74.0	27.75	Peak	182.00	100	Vertical	Pass
4**	4855.200	38.37	-6.29	54.0	15.63	AV	182.00	100	Vertical	Pass
5	6857.800	51.29	-0.85	74.0	22.71	Peak	360.00	400	Vertical	Pass
5**	6857.800	42.35	-0.85	54.0	11.65	AV	360.00	400	Vertical	Pass
6	16736.850	52.08	6.37	74.0	21.92	Peak	45.00	100	Vertical	Pass
6**	16736.850	42.19	6.37	54.0	11.81	AV	45.00	100	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

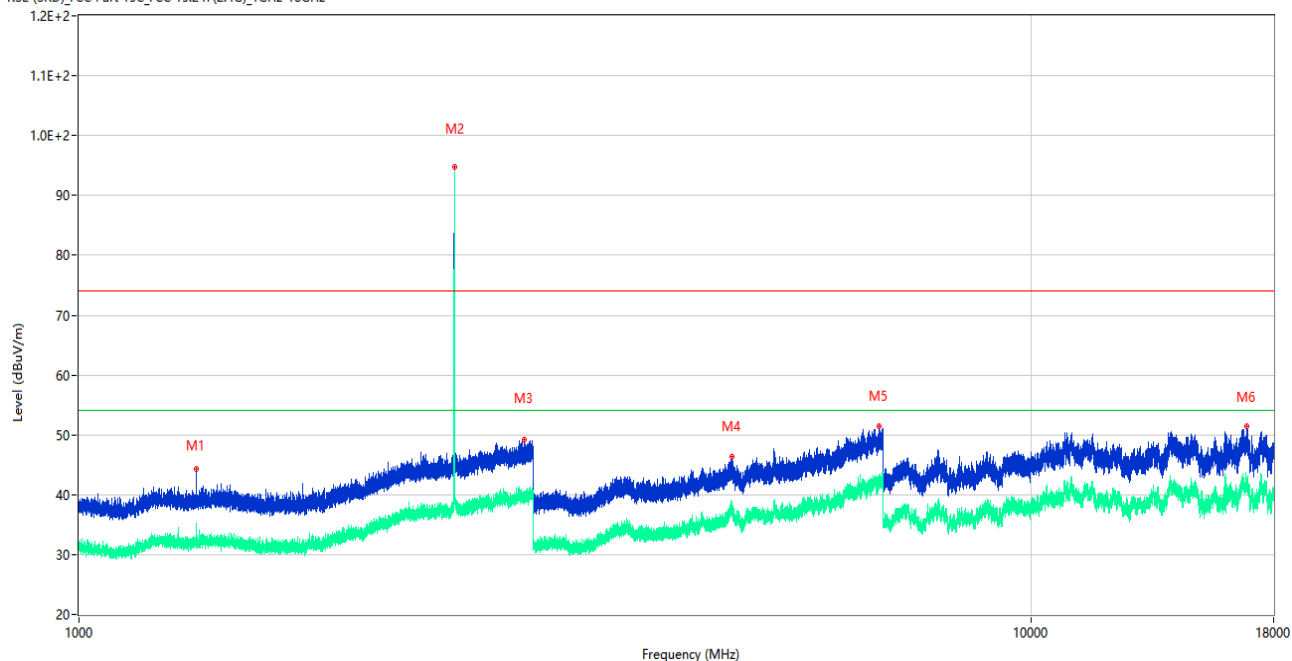
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1361.600	41.62	-17.54	74.0	32.38	Peak	116.00	400	Horizontal	Pass
1**	1361.600	33.10	-17.54	54.0	20.90	AV	116.00	400	Horizontal	Pass
2	2479.700	102.65	-13.53	--	--	Peak	31.00	200	Horizontal	N/A
2**	2479.700	101.28	-13.53	--	--	AV	31.00	200	Horizontal	N/A
3	2895.500	48.79	-11.10	74.0	25.21	Peak	104.00	100	Horizontal	Pass
3**	2895.500	40.13	-11.10	54.0	13.87	AV	104.00	100	Horizontal	Pass
4	4959.800	43.84	-6.53	74.0	30.16	Peak	360.00	100	Horizontal	Pass
4**	4959.800	39.75	-6.53	54.0	14.25	AV	360.00	100	Horizontal	Pass
5	6613.400	51.71	-3.08	74.0	22.29	Peak	233.00	100	Horizontal	Pass
5**	6613.400	49.05	-3.08	54.0	4.95	AV	233.00	100	Horizontal	Pass
6	17443.762	51.13	8.24	74.0	22.87	Peak	101.00	100	Horizontal	Pass
6**	17443.762	42.29	8.24	54.0	11.71	AV	101.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

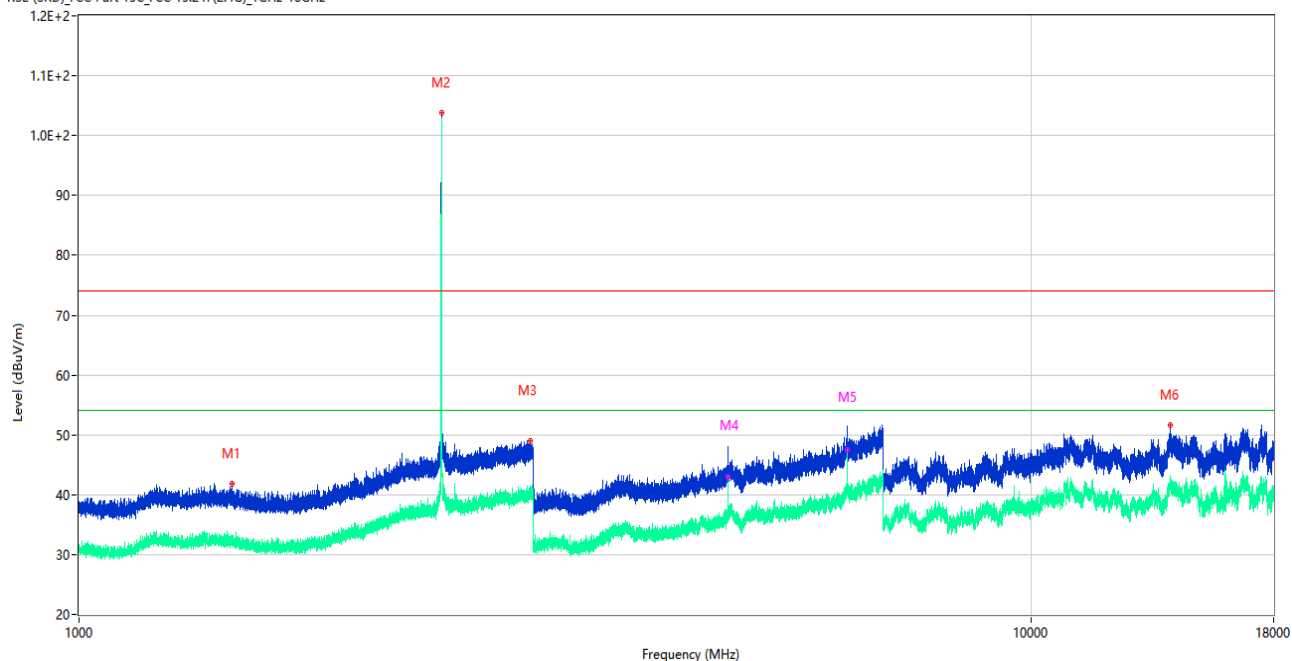
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	44.21	-17.43	74.0	29.79	Peak	118.00	200	Vertical	Pass
1**	1328.700	32.31	-17.43	54.0	21.69	AV	118.00	200	Vertical	Pass
2	2480.100	94.71	-13.55	--	--	Peak	3.00	100	Vertical	N/A
2**	2480.100	94.08	-13.55	--	--	AV	3.00	100	Vertical	N/A
3	2939.300	49.26	-11.20	74.0	24.74	Peak	314.00	100	Vertical	Pass
3**	2939.300	39.98	-11.20	54.0	14.02	AV	314.00	100	Vertical	Pass
4	4852.600	46.39	-6.23	74.0	27.61	Peak	347.00	400	Vertical	Pass
4**	4852.600	38.86	-6.23	54.0	15.14	AV	347.00	400	Vertical	Pass
5	6936.200	51.49	-1.47	74.0	22.51	Peak	201.00	100	Vertical	Pass
5**	6936.200	42.36	-1.47	54.0	11.64	AV	201.00	100	Vertical	Pass
6	16882.012	51.37	6.70	74.0	22.63	Peak	15.00	100	Vertical	Pass
6**	16882.012	41.40	6.70	54.0	12.60	AV	15.00	100	Vertical	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT H

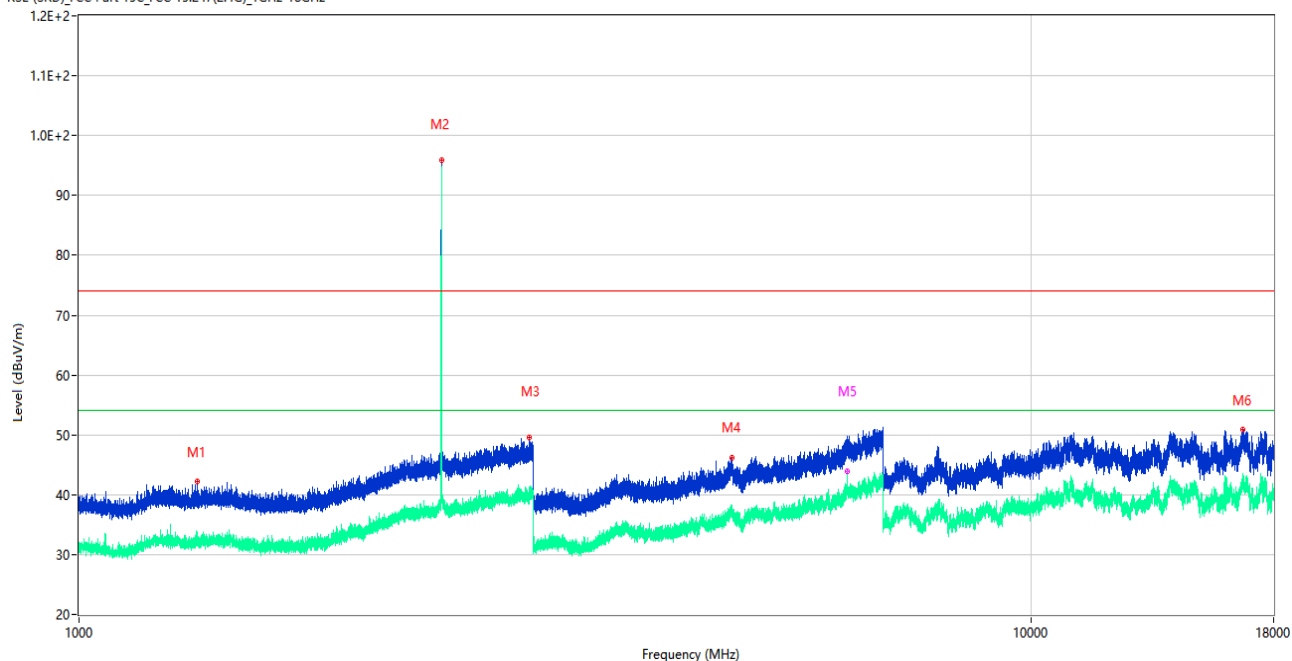
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.500	41.91	-17.81	74.0	32.09	Peak	360.00	100	Horizontal	Pass
1**	1448.500	31.87	-17.81	54.0	22.13	AV	360.00	100	Horizontal	Pass
2	2404.400	103.85	-14.19	--	--	Peak	58.00	200	Horizontal	N/A
2**	2404.400	102.32	-14.19	--	--	AV	58.00	200	Horizontal	N/A
3	2981.000	48.96	-11.35	74.0	25.04	Peak	294.00	200	Horizontal	Pass
3**	2981.000	40.17	-11.35	54.0	13.83	AV	294.00	200	Horizontal	Pass
4	4807.400	47.52	-6.61	74.0	26.48	Peak	201.00	100	Horizontal	Pass
4**	4807.400	42.92	-6.61	54.0	11.08	AV	201.00	100	Horizontal	Pass
5	6410.800	51.13	-2.14	74.0	22.87	Peak	201.00	100	Horizontal	Pass
5**	6410.800	47.46	-2.14	54.0	6.54	AV	201.00	100	Horizontal	Pass
6	14013.938	51.68	5.70	74.0	22.32	Peak	270.00	100	Horizontal	Pass
6**	14013.938	41.76	5.70	54.0	12.24	AV	270.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL 1 GHz to 18 GHz, ANT V

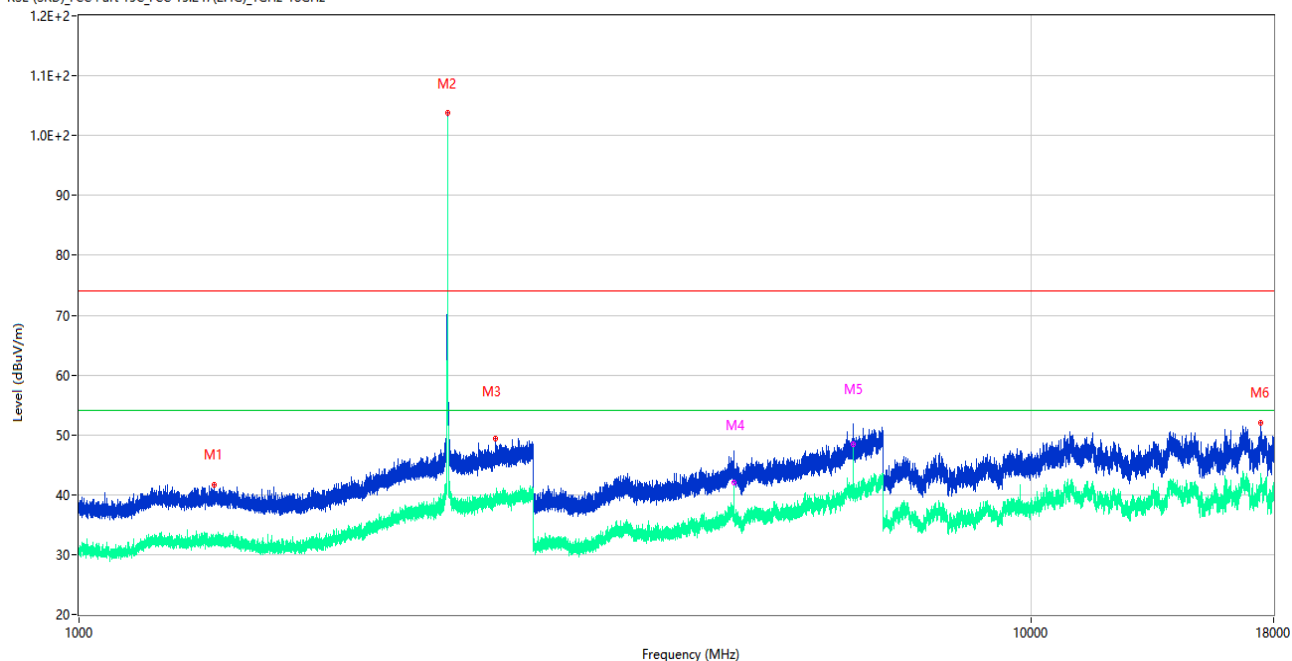
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	42.20	-17.85	74.0	31.80	Peak	263.00	200	Vertical	Pass
1**	1330.800	32.28	-17.85	54.0	21.72	AV	263.00	200	Vertical	Pass
2	2404.500	95.92	-14.16	--	--	Peak	0.00	100	Vertical	N/A
2**	2404.500	94.31	-14.16	--	--	AV	0.00	100	Vertical	N/A
3	2975.400	49.48	-10.69	74.0	24.52	Peak	0.00	100	Vertical	Pass
3**	2975.400	40.22	-10.69	54.0	13.78	AV	0.00	100	Vertical	Pass
4	4853.200	46.27	-6.48	74.0	27.73	Peak	243.00	200	Vertical	Pass
4**	4853.200	37.33	-6.48	54.0	16.67	AV	243.00	200	Vertical	Pass
5	6410.800	48.45	-2.14	74.0	25.55	Peak	134.00	100	Vertical	Pass
5**	6410.800	43.84	-2.14	54.0	10.16	AV	134.00	100	Vertical	Pass
6	16713.224	50.85	6.89	74.0	23.15	Peak	284.00	100	Vertical	Pass
6**	16713.224	41.99	6.89	54.0	12.01	AV	284.00	100	Vertical	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

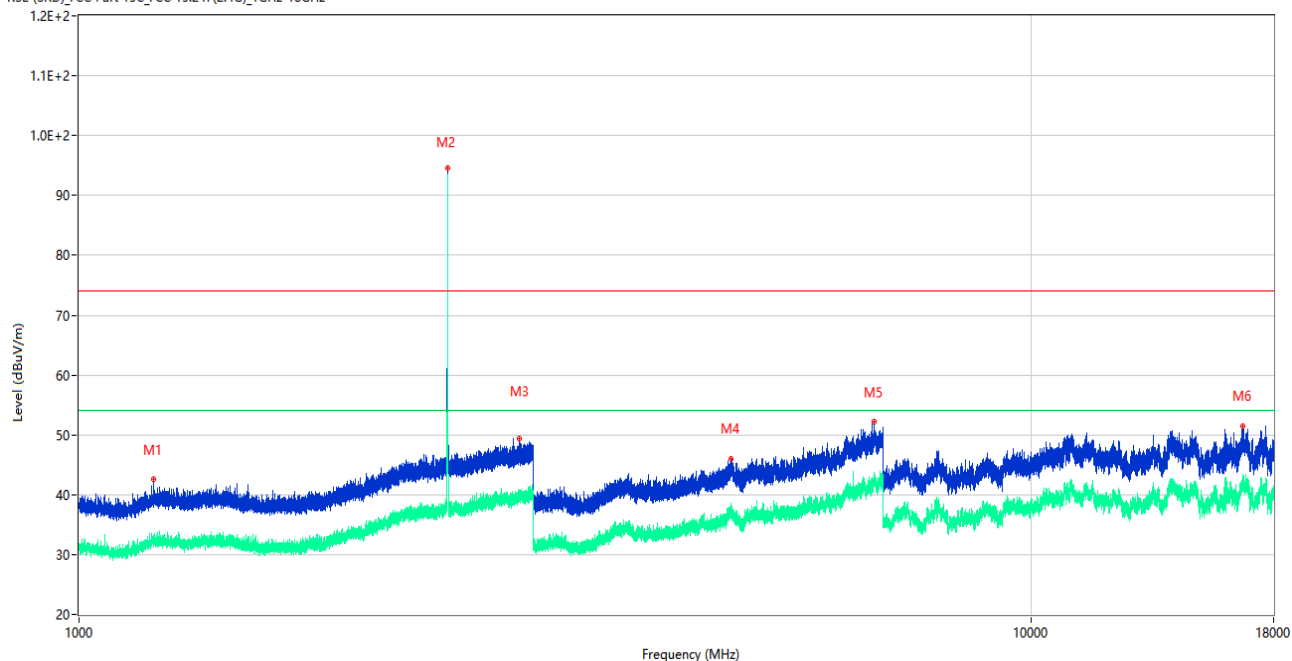
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.100	41.72	-17.35	74.0	32.28	Peak	300.00	400	Horizontal	Pass
1**	1388.100	32.10	-17.35	54.0	21.90	AV	300.00	400	Horizontal	Pass
2	2439.500	103.79	-13.95	--	--	Peak	26.00	200	Horizontal	N/A
2**	2439.500	101.70	-13.95	--	--	AV	26.00	200	Horizontal	N/A
3	2741.200	49.44	-11.77	74.0	24.56	Peak	332.00	100	Horizontal	Pass
3**	2741.200	39.00	-11.77	54.0	15.00	AV	332.00	100	Horizontal	Pass
4	4879.400	46.67	-7.37	74.0	27.33	Peak	0.00	100	Horizontal	Pass
4**	4879.400	42.03	-7.37	54.0	11.97	AV	0.00	100	Horizontal	Pass
5	6506.800	51.85	-4.01	74.0	22.15	Peak	239.00	100	Horizontal	Pass
5**	6506.800	48.46	-4.01	54.0	5.54	AV	239.00	100	Horizontal	Pass
6	17456.099	52.02	8.21	74.0	21.98	Peak	240.00	100	Horizontal	Pass
6**	17456.099	43.28	8.21	54.0	10.72	AV	240.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

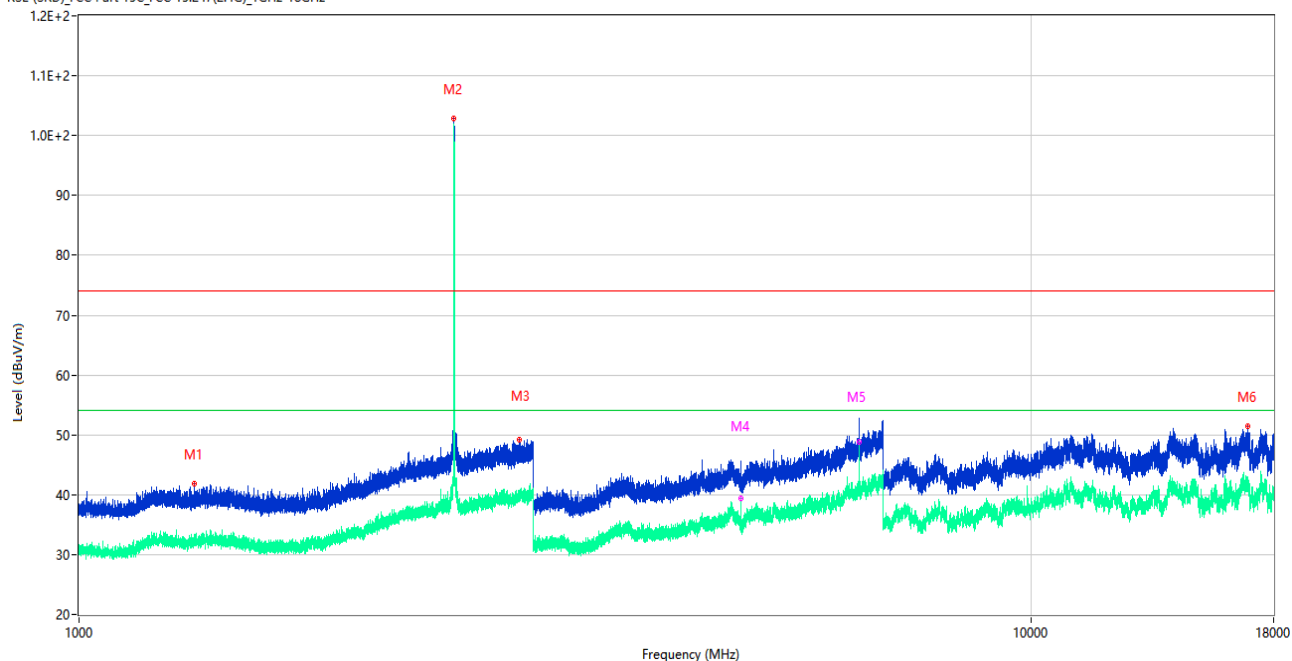
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.400	42.53	-17.70	74.0	31.47	Peak	52.00	200	Vertical	Pass
1**	1196.400	31.47	-17.70	54.0	22.53	AV	52.00	200	Vertical	Pass
2	2439.400	94.49	-13.88	--	--	Peak	343.00	200	Vertical	N/A
2**	2439.400	92.17	-13.88	--	--	AV	343.00	200	Vertical	N/A
3	2899.300	49.46	-10.79	74.0	24.54	Peak	92.00	100	Vertical	Pass
3**	2899.300	39.97	-10.79	54.0	14.03	AV	92.00	100	Vertical	Pass
4	4840.600	46.08	-6.26	74.0	27.92	Peak	142.00	100	Vertical	Pass
4**	4840.600	37.78	-6.26	54.0	16.22	AV	142.00	100	Vertical	Pass
5	6839.000	52.12	-1.51	74.0	21.88	Peak	226.00	100	Vertical	Pass
5**	6839.000	41.76	-1.51	54.0	12.24	AV	226.00	100	Vertical	Pass
6	16703.776	51.44	6.69	74.0	22.56	Peak	82.00	100	Vertical	Pass
6**	16703.776	42.00	6.69	54.0	12.00	AV	82.00	100	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

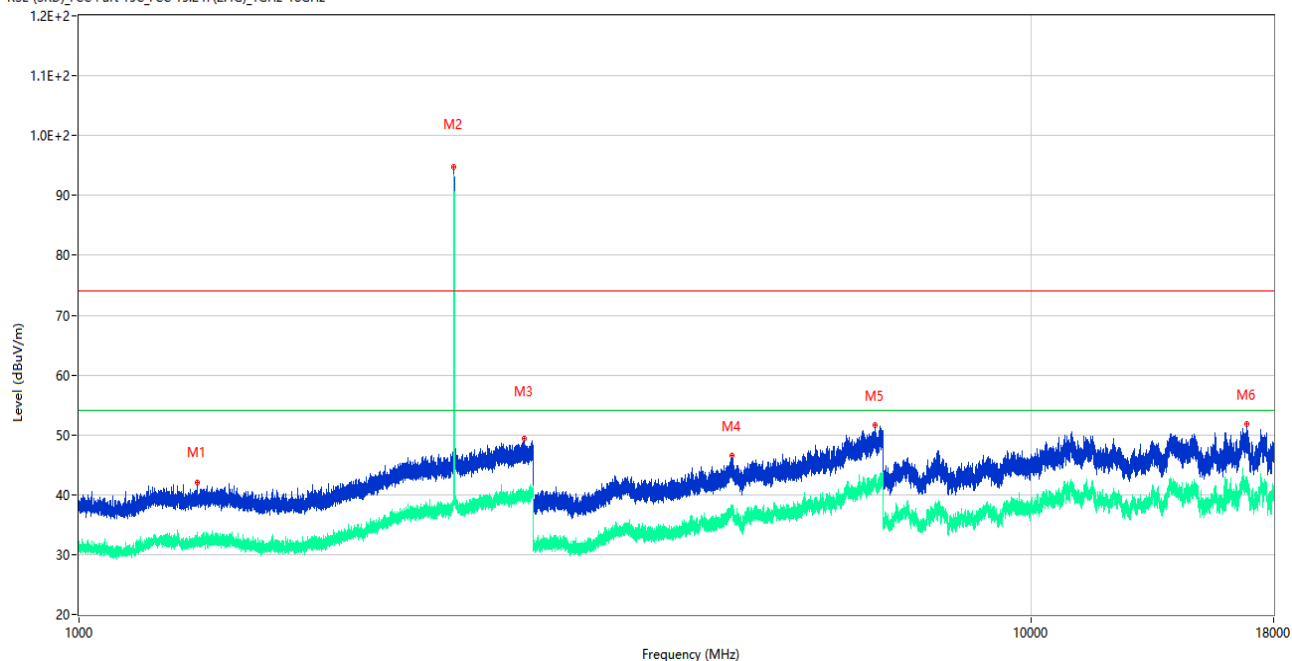
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.600	41.78	-17.82	74.0	32.22	Peak	116.00	200	Horizontal	Pass
1**	1320.600	31.82	-17.82	54.0	22.18	AV	116.00	200	Horizontal	Pass
2	2478.400	102.85	-13.38	--	--	Peak	26.00	100	Horizontal	N/A
2**	2478.400	101.26	-13.38	--	--	AV	26.00	100	Horizontal	N/A
3	2899.800	49.28	-11.09	74.0	24.72	Peak	322.00	200	Horizontal	Pass
3**	2899.800	40.80	-11.09	54.0	13.20	AV	322.00	200	Horizontal	Pass
4	4955.600	44.16	-6.57	74.0	29.84	Peak	33.00	100	Horizontal	Pass
4**	4955.600	39.35	-6.57	54.0	14.65	AV	33.00	100	Horizontal	Pass
5	6608.200	52.59	-2.95	74.0	21.41	Peak	244.00	100	Horizontal	Pass
5**	6608.200	48.87	-2.95	54.0	5.13	AV	244.00	100	Horizontal	Pass
6	16914.301	51.39	6.92	74.0	22.61	Peak	144.00	100	Horizontal	Pass
6**	16914.301	42.63	6.92	54.0	11.37	AV	144.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

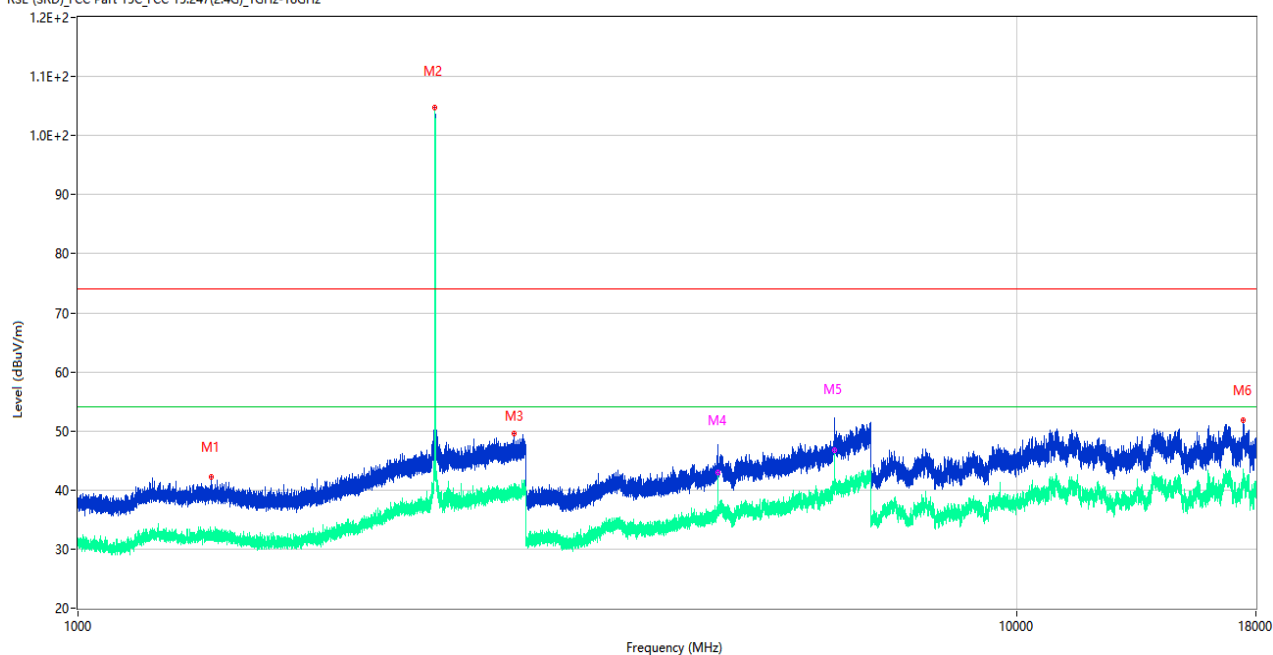
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	42.03	-17.77	74.0	31.97	Peak	128.00	100	Vertical	Pass
1**	1332.100	32.23	-17.77	54.0	21.77	AV	128.00	100	Vertical	Pass
2	2478.400	94.80	-13.38	--	--	Peak	0.00	200	Vertical	N/A
2**	2478.400	93.18	-13.38	--	--	AV	0.00	200	Vertical	N/A
3	2939.600	49.45	-11.27	74.0	24.55	Peak	360.00	100	Vertical	Pass
3**	2939.600	39.78	-11.27	54.0	14.22	AV	360.00	100	Vertical	Pass
4	4848.400	46.50	-6.04	74.0	27.50	Peak	177.00	100	Vertical	Pass
4**	4848.400	38.25	-6.04	54.0	15.75	AV	177.00	100	Vertical	Pass
5	6856.200	51.56	-0.74	74.0	22.44	Peak	177.00	200	Vertical	Pass
5**	6856.200	42.26	-0.74	54.0	11.74	AV	177.00	200	Vertical	Pass
6	16870.988	51.78	6.51	74.0	22.22	Peak	66.00	100	Vertical	Pass
6**	16870.988	41.75	6.51	54.0	12.25	AV	66.00	100	Vertical	Pass

GFSK (BLE Coded 2) LOW CHANNEL 1 GHz to 18 GHz, ANT H

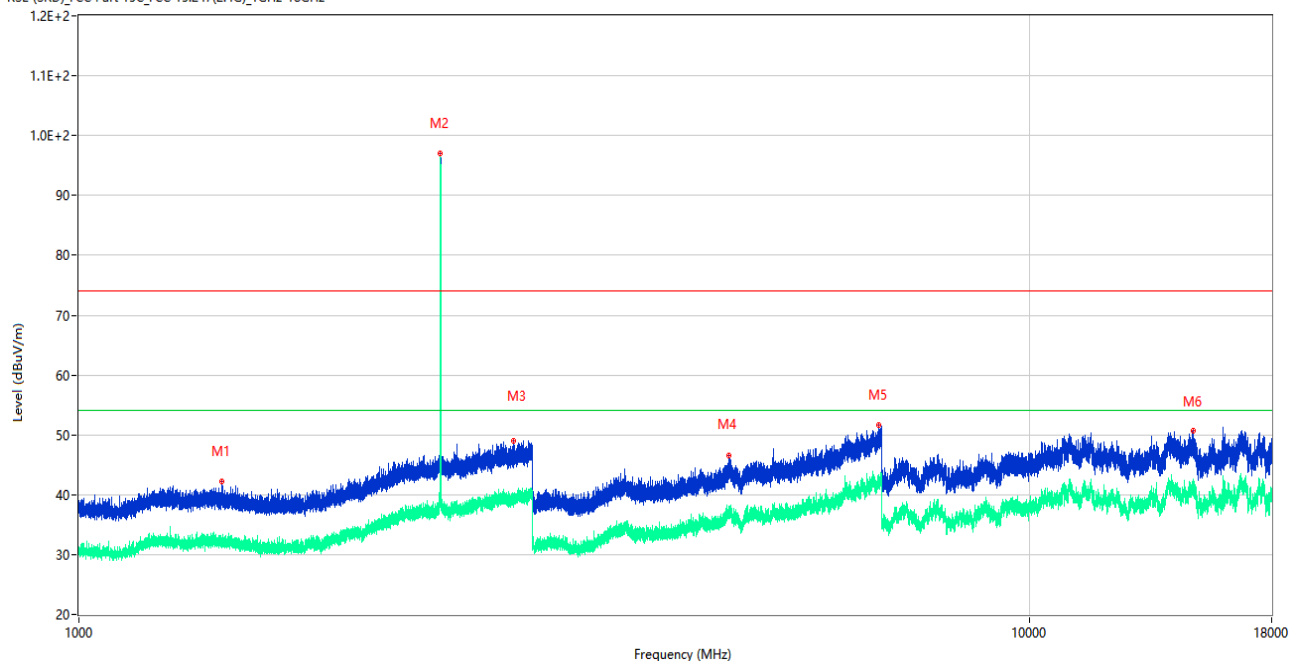
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.800	42.23	-17.56	74.0	31.77	Peak	28.00	100	Horizontal	Pass
1**	1385.800	32.18	-17.56	54.0	21.82	AV	28.00	100	Horizontal	Pass
2	2401.700	104.83	-13.85	--	--	Peak	38.00	100	Horizontal	N/A
2**	2401.700	103.03	-13.85	--	--	AV	38.00	100	Horizontal	N/A
3	2913.400	49.47	-11.27	74.0	24.53	Peak	281.00	200	Horizontal	Pass
3**	2913.400	39.10	-11.27	54.0	14.90	AV	281.00	200	Horizontal	Pass
4	4804.600	47.53	-6.72	74.0	26.47	Peak	0.00	100	Horizontal	Pass
4**	4804.600	42.96	-6.72	54.0	11.04	AV	0.00	100	Horizontal	Pass
5	6405.400	50.56	-2.63	74.0	23.44	Peak	203.00	100	Horizontal	Pass
5**	6405.400	46.72	-2.63	54.0	7.28	AV	203.00	100	Horizontal	Pass
6	17453.738	51.86	8.29	74.0	22.14	Peak	0.00	100	Horizontal	Pass
6**	17453.738	42.15	8.29	54.0	11.85	AV	0.00	100	Horizontal	Pass

GFSK (BLE Coded 2) LOW CHANNEL 1 GHz to 18 GHz, ANT V

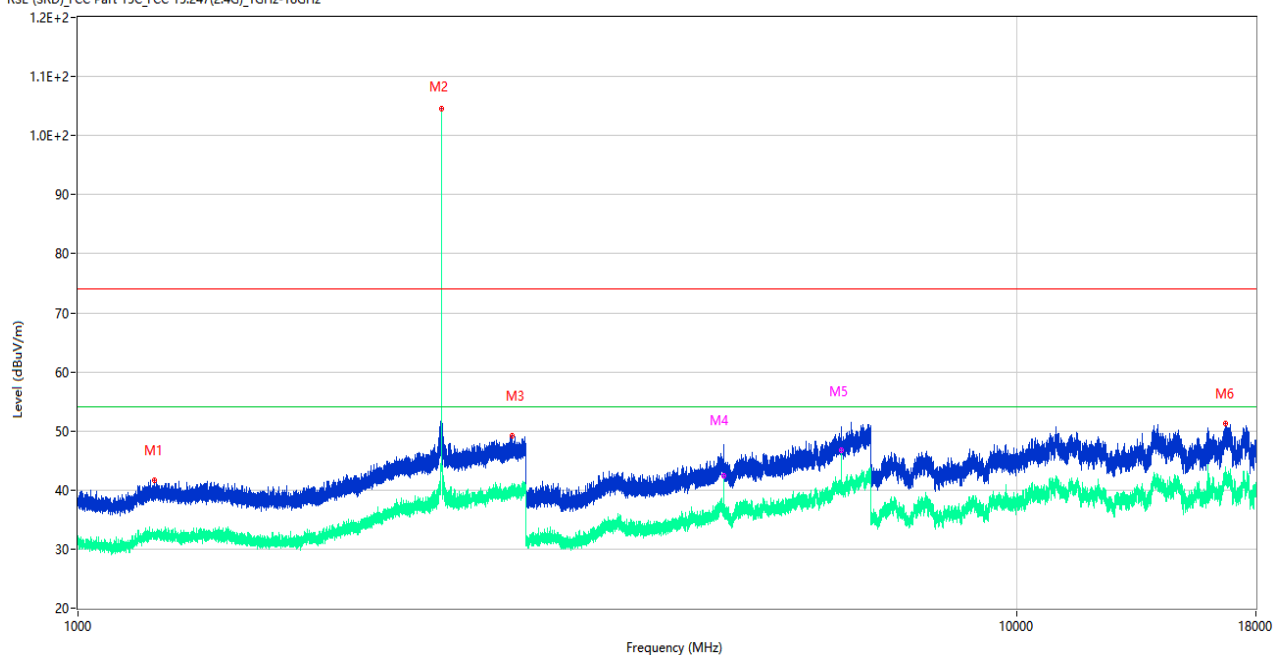
RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1413.600	42.29	-17.65	74.0	31.71	Peak	55.00	300	Vertical	Pass
1**	1413.600	31.67	-17.65	54.0	22.33	AV	55.00	300	Vertical	Pass
2	2401.700	97.07	-13.85	--	--	Peak	44.00	200	Vertical	N/A
2**	2401.700	95.60	-13.85	--	--	AV	44.00	200	Vertical	N/A
3	2864.600	49.08	-11.44	74.0	24.92	Peak	19.00	200	Vertical	Pass
3**	2864.600	39.73	-11.44	54.0	14.27	AV	19.00	200	Vertical	Pass
4	4831.800	46.51	-6.89	74.0	27.49	Peak	247.00	100	Vertical	Pass
4**	4831.800	36.90	-6.89	54.0	17.10	AV	247.00	100	Vertical	Pass
5	6940.600	51.66	-1.79	74.0	22.34	Peak	110.00	300	Vertical	Pass
5**	6940.600	42.04	-1.79	54.0	11.96	AV	110.00	300	Vertical	Pass
6	14878.875	50.69	5.34	74.0	23.31	Peak	360.00	100	Vertical	Pass
6**	14878.875	40.41	5.34	54.0	13.59	AV	360.00	100	Vertical	Pass

GFSK (BLE Coded 2) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

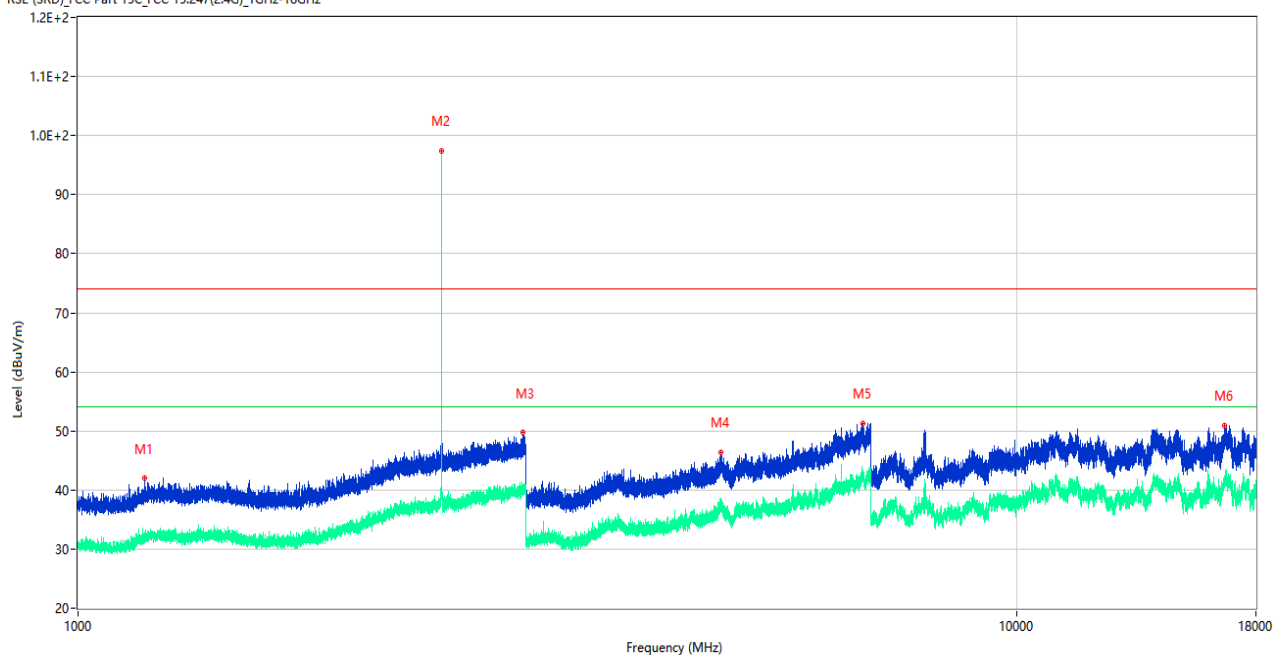
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.800	41.69	-17.55	74.0	32.31	Peak	327.00	300	Horizontal	Pass
1**	1205.800	32.15	-17.55	54.0	21.85	AV	327.00	300	Horizontal	Pass
2	2439.700	104.47	-13.99	--	--	Peak	37.00	100	Horizontal	N/A
2**	2439.700	102.24	-13.99	--	--	AV	37.00	100	Horizontal	N/A
3	2899.200	49.21	-10.85	74.0	24.79	Peak	100.00	100	Horizontal	Pass
3**	2899.200	41.13	-10.85	54.0	12.87	AV	100.00	100	Horizontal	Pass
4	4880.600	47.66	-7.02	74.0	26.34	Peak	9.00	100	Horizontal	Pass
4**	4880.600	42.33	-7.02	54.0	11.67	AV	9.00	100	Horizontal	Pass
5	6506.800	50.65	-4.01	74.0	23.35	Peak	231.00	100	Horizontal	Pass
5**	6506.800	46.78	-4.01	54.0	7.22	AV	231.00	100	Horizontal	Pass
6	16722.938	51.31	6.82	74.0	22.69	Peak	360.00	100	Horizontal	Pass
6**	16722.938	41.75	6.82	54.0	12.25	AV	360.00	100	Horizontal	Pass

GFSK (BLE Coded 2) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

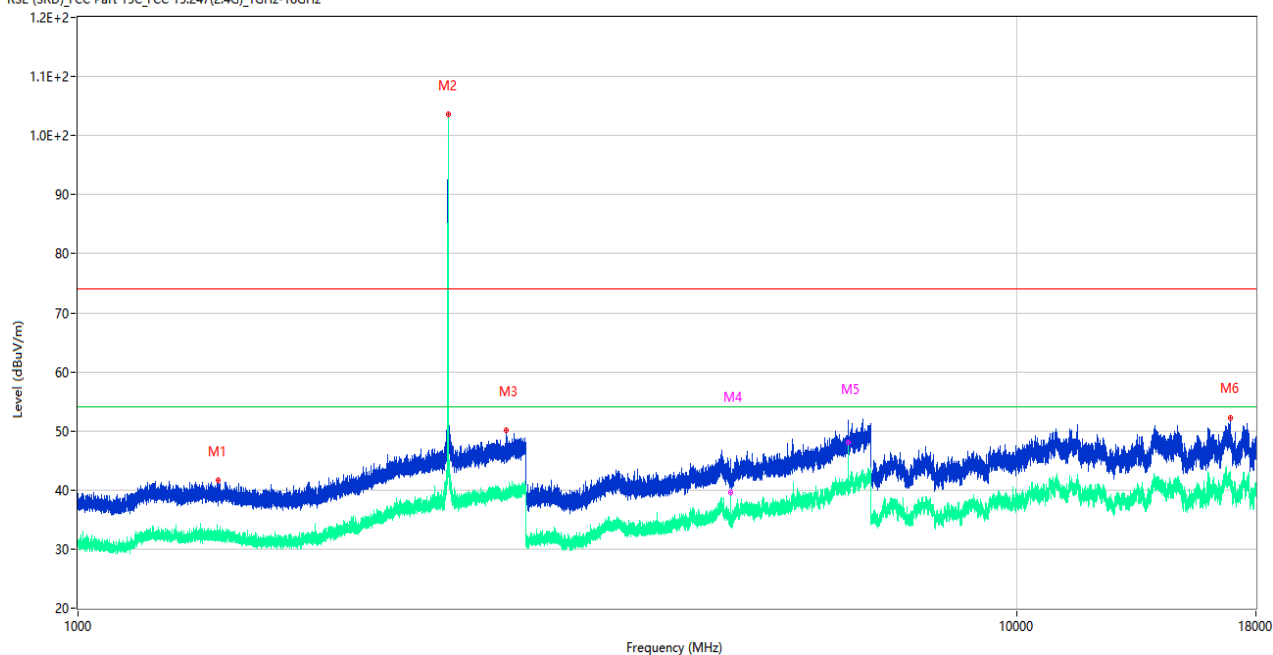
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1178.500	41.97	-17.80	74.0	32.03	Peak	7.00	300	Vertical	Pass
1**	1178.500	32.18	-17.80	54.0	21.82	AV	7.00	300	Vertical	Pass
2	2439.800	97.43	-13.98	--	--	Peak	41.00	100	Vertical	N/A
2**	2439.800	95.78	-13.98	--	--	AV	41.00	100	Vertical	N/A
3	2978.400	49.74	-10.92	74.0	24.26	Peak	0.00	100	Vertical	Pass
3**	2978.400	39.51	-10.92	54.0	14.49	AV	0.00	100	Vertical	Pass
4	4848.200	46.39	-6.13	74.0	27.61	Peak	211.00	400	Vertical	Pass
4**	4848.200	37.15	-6.13	54.0	16.85	AV	211.00	400	Vertical	Pass
5	6871.000	51.35	-0.88	74.0	22.65	Peak	0.00	400	Vertical	Pass
5**	6871.000	41.82	-0.88	54.0	12.18	AV	0.00	400	Vertical	Pass
6	16652.063	50.91	6.02	74.0	23.09	Peak	104.00	100	Vertical	Pass
6**	16652.063	41.24	6.02	54.0	12.76	AV	104.00	100	Vertical	Pass

GFSK (BLE Coded 2) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

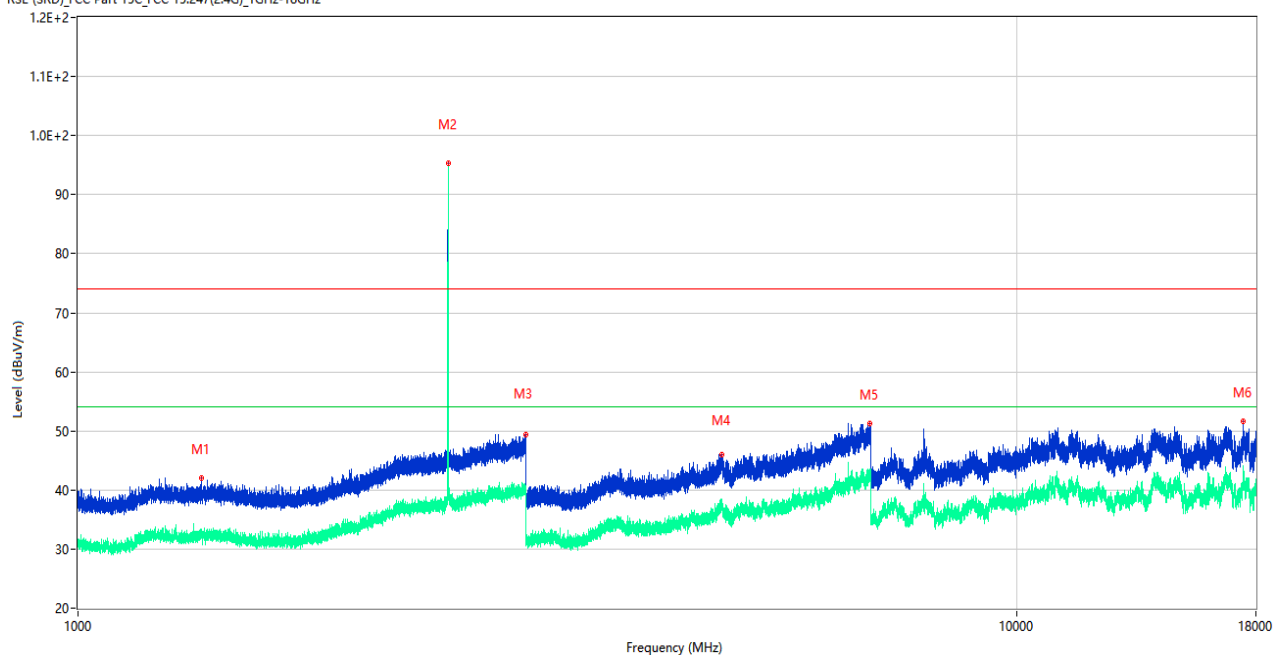
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1409.200	41.63	-17.48	74.0	32.37	Peak	360.00	200	Horizontal	Pass
1**	1409.200	32.57	-17.48	54.0	21.43	AV	360.00	200	Horizontal	Pass
2	2479.700	103.55	-13.53	--	--	Peak	39.00	100	Horizontal	N/A
2**	2479.700	101.86	-13.53	--	--	AV	39.00	100	Horizontal	N/A
3	2857.100	50.06	-11.45	74.0	23.94	Peak	294.00	200	Horizontal	Pass
3**	2857.100	39.52	-11.45	54.0	14.48	AV	294.00	200	Horizontal	Pass
4	4959.600	44.03	-6.59	74.0	29.97	Peak	21.00	100	Horizontal	Pass
4**	4959.600	39.63	-6.59	54.0	14.37	AV	21.00	100	Horizontal	Pass
5	6613.200	51.08	-3.08	74.0	22.92	Peak	237.00	100	Horizontal	Pass
5**	6613.200	48.01	-3.08	54.0	5.99	AV	237.00	100	Horizontal	Pass
6	16895.400	52.28	6.98	74.0	21.72	Peak	83.00	100	Horizontal	Pass
6**	16895.400	42.70	6.98	54.0	11.30	AV	83.00	100	Horizontal	Pass

GFSK (BLE Coded 2) HIGH CHANNEL 1 GHz to 18 GHz, ANT V

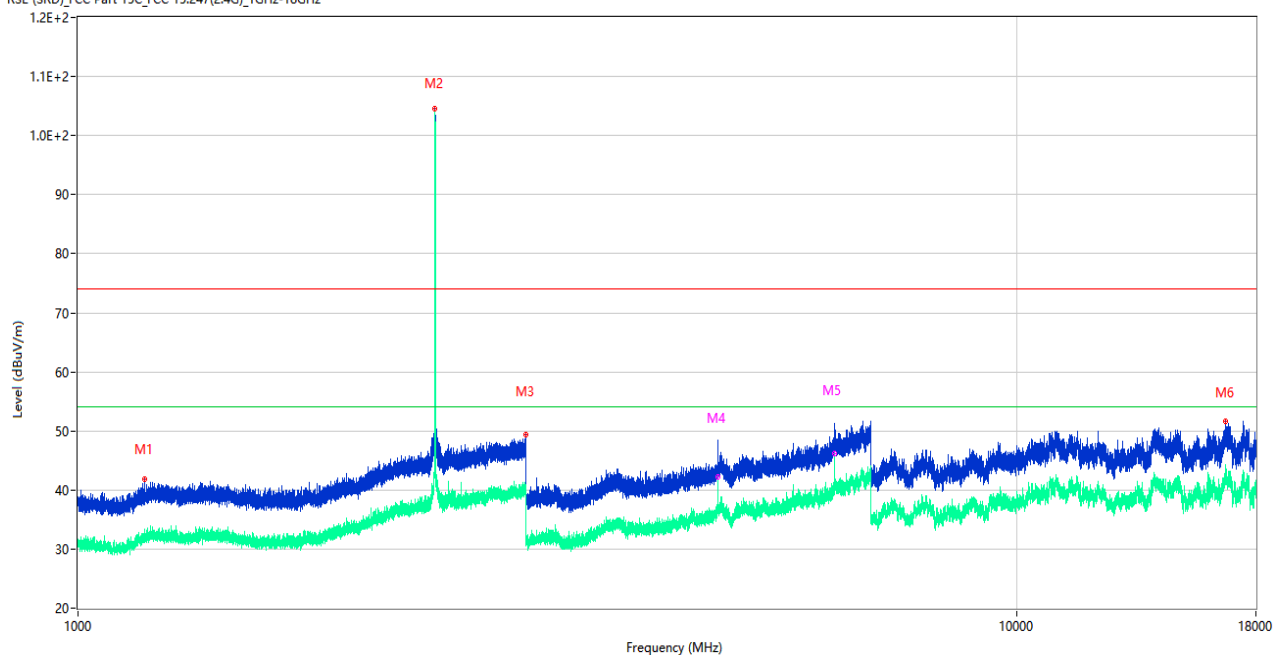
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.500	41.98	-17.34	74.0	32.02	Peak	283.00	300	Vertical	Pass
1**	1353.500	32.60	-17.34	54.0	21.40	AV	283.00	300	Vertical	Pass
2	2479.700	95.27	-13.53	--	--	Peak	49.00	200	Vertical	N/A
2**	2479.700	93.87	-13.53	--	--	AV	49.00	200	Vertical	N/A
3	2998.500	49.43	-11.39	74.0	24.57	Peak	0.00	200	Vertical	Pass
3**	2998.500	40.00	-11.39	54.0	14.00	AV	0.00	200	Vertical	Pass
4	4848.800	46.08	-6.19	74.0	27.92	Peak	205.00	300	Vertical	Pass
4**	4848.800	37.18	-6.19	54.0	16.82	AV	205.00	300	Vertical	Pass
5	6980.400	51.19	-1.28	74.0	22.81	Peak	161.00	300	Vertical	Pass
5**	6980.400	42.42	-1.28	54.0	11.58	AV	161.00	300	Vertical	Pass
6	17439.037	51.62	8.05	74.0	22.38	Peak	165.00	100	Vertical	Pass
6**	17439.037	41.63	8.05	54.0	12.37	AV	165.00	100	Vertical	Pass

GFSK (BLE Coded 8) LOW CHANNEL 1 GHz to 18 GHz, ANT H

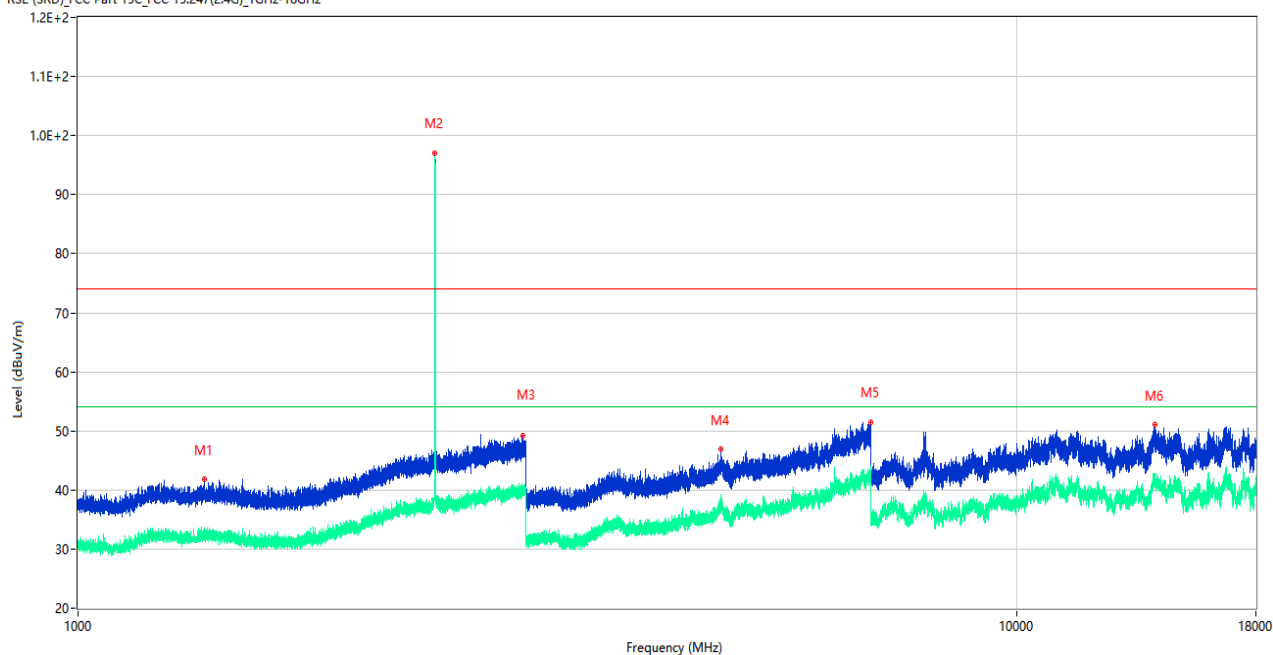
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1177.900	41.87	-17.71	74.0	32.13	Peak	202.00	400	Horizontal	Pass
1**	1177.900	33.29	-17.71	54.0	20.71	AV	202.00	400	Horizontal	Pass
2	2401.700	104.54	-13.85	--	--	Peak	43.00	100	Horizontal	N/A
2**	2401.700	103.34	-13.85	--	--	AV	43.00	100	Horizontal	N/A
3	2997.400	49.43	-11.22	74.0	24.57	Peak	349.00	200	Horizontal	Pass
3**	2997.400	39.80	-11.22	54.0	14.20	AV	349.00	200	Horizontal	Pass
4	4803.800	47.07	-6.78	74.0	26.93	Peak	9.00	100	Horizontal	Pass
4**	4803.800	42.22	-6.78	54.0	11.78	AV	9.00	100	Horizontal	Pass
5	6405.600	49.83	-2.57	74.0	24.17	Peak	202.00	100	Horizontal	Pass
5**	6405.600	46.17	-2.57	54.0	7.83	AV	202.00	100	Horizontal	Pass
6	16725.825	51.58	6.75	74.0	22.42	Peak	99.00	100	Horizontal	Pass
6**	16725.825	41.60	6.75	54.0	12.40	AV	99.00	100	Horizontal	Pass

GFSK (BLE Coded 8) LOW CHANNEL 1 GHz to 18 GHz, ANT V

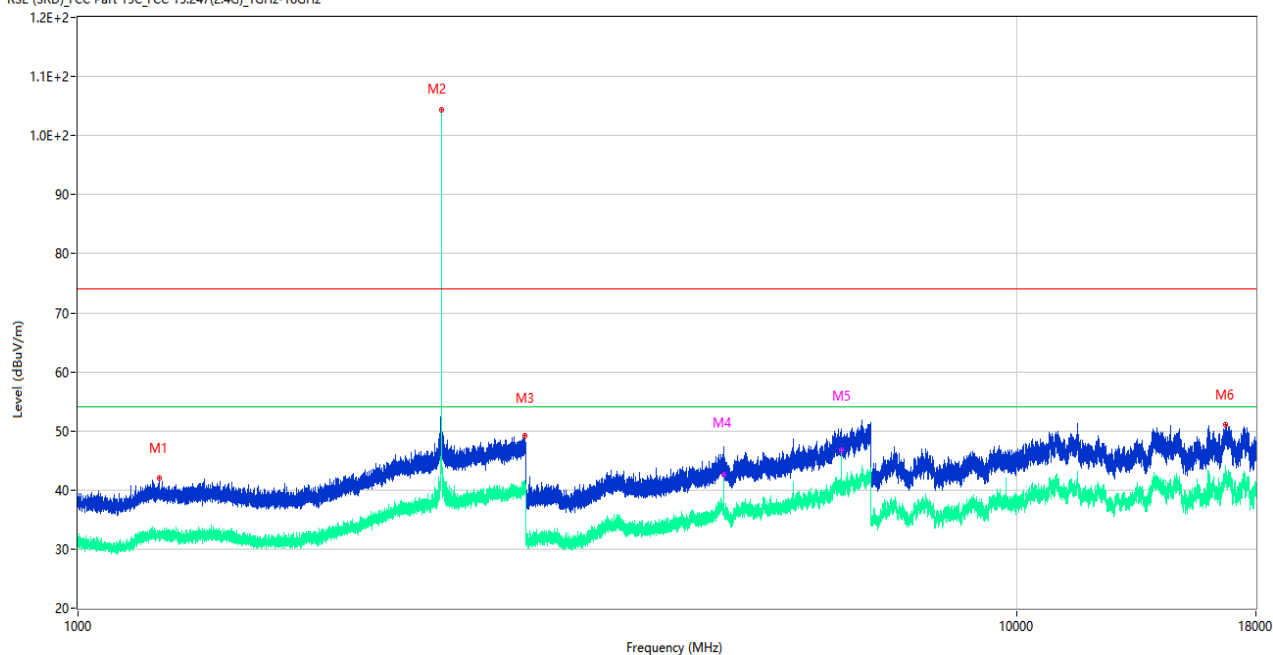
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1364.200	41.83	-17.28	74.0	32.17	Peak	142.00	100	Vertical	Pass
1**	1364.200	32.28	-17.28	54.0	21.72	AV	142.00	100	Vertical	Pass
2	2401.700	97.06	-13.85	--	--	Peak	24.00	200	Vertical	N/A
2**	2401.700	95.58	-13.85	--	--	AV	24.00	200	Vertical	N/A
3	2977.300	49.15	-11.20	74.0	24.85	Peak	82.00	100	Vertical	Pass
3**	2977.300	39.64	-11.20	54.0	14.36	AV	82.00	100	Vertical	Pass
4	4839.600	46.92	-6.77	74.0	27.08	Peak	0.00	300	Vertical	Pass
4**	4839.600	36.80	-6.77	54.0	17.20	AV	0.00	300	Vertical	Pass
5	6993.000	51.54	-0.85	74.0	22.46	Peak	272.00	200	Vertical	Pass
5**	6993.000	42.89	-0.85	54.0	11.11	AV	272.00	200	Vertical	Pass
6	14036.513	51.06	5.49	74.0	22.94	Peak	194.00	100	Vertical	Pass
6**	14036.513	42.26	5.49	54.0	11.74	AV	194.00	100	Vertical	Pass

GFSK (BLE Coded 8) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

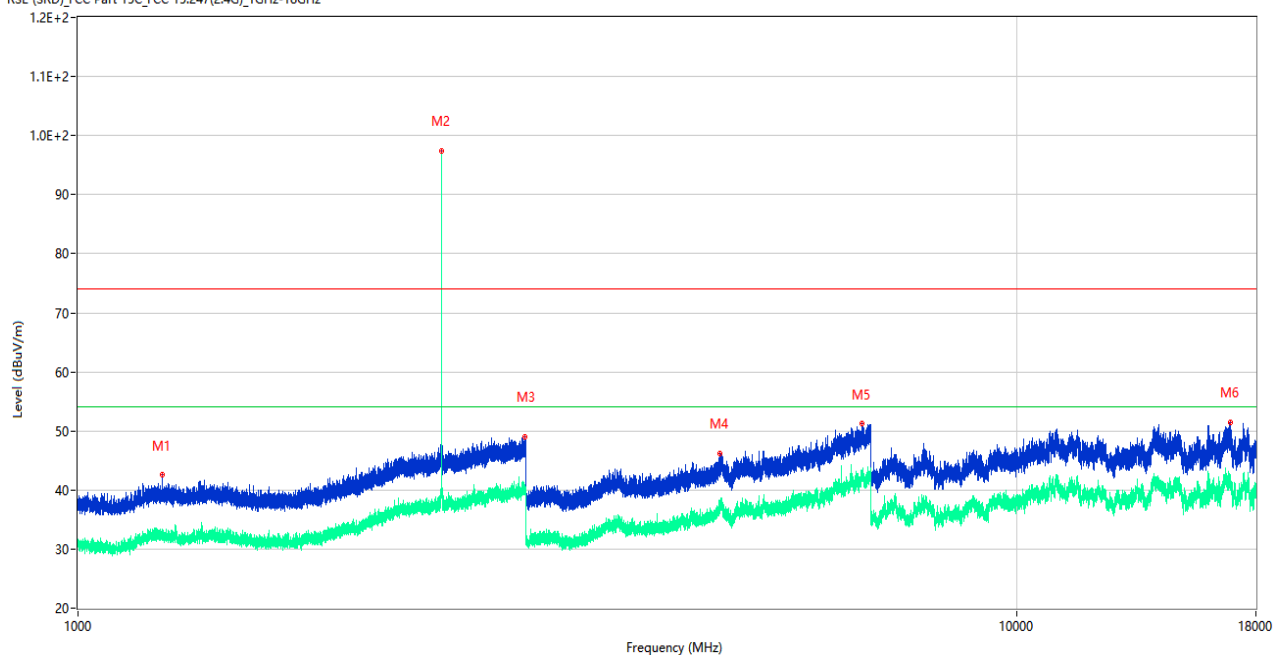
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.800	42.12	-17.43	74.0	31.88	Peak	0.00	100	Horizontal	Pass
1**	1220.800	32.18	-17.43	54.0	21.82	AV	0.00	100	Horizontal	Pass
2	2439.800	104.35	-13.98	--	--	Peak	40.00	100	Horizontal	N/A
2**	2439.800	103.54	-13.98	--	--	AV	40.00	100	Horizontal	N/A
3	2994.500	49.21	-11.47	74.0	24.79	Peak	345.00	200	Horizontal	Pass
3**	2994.500	39.35	-11.47	54.0	14.65	AV	345.00	200	Horizontal	Pass
4	4880.400	45.98	-7.17	74.0	28.02	Peak	17.00	100	Horizontal	Pass
4**	4880.400	42.63	-7.17	54.0	11.37	AV	17.00	100	Horizontal	Pass
5	6506.800	49.46	-4.01	74.0	24.54	Peak	211.00	100	Horizontal	Pass
5**	6506.800	46.71	-4.01	54.0	7.29	AV	211.00	100	Horizontal	Pass
6	16709.287	50.98	6.88	74.0	23.02	Peak	92.00	100	Horizontal	Pass
6**	16709.287	42.22	6.88	54.0	11.78	AV	92.00	100	Horizontal	Pass

GFSK (BLE Coded 8) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

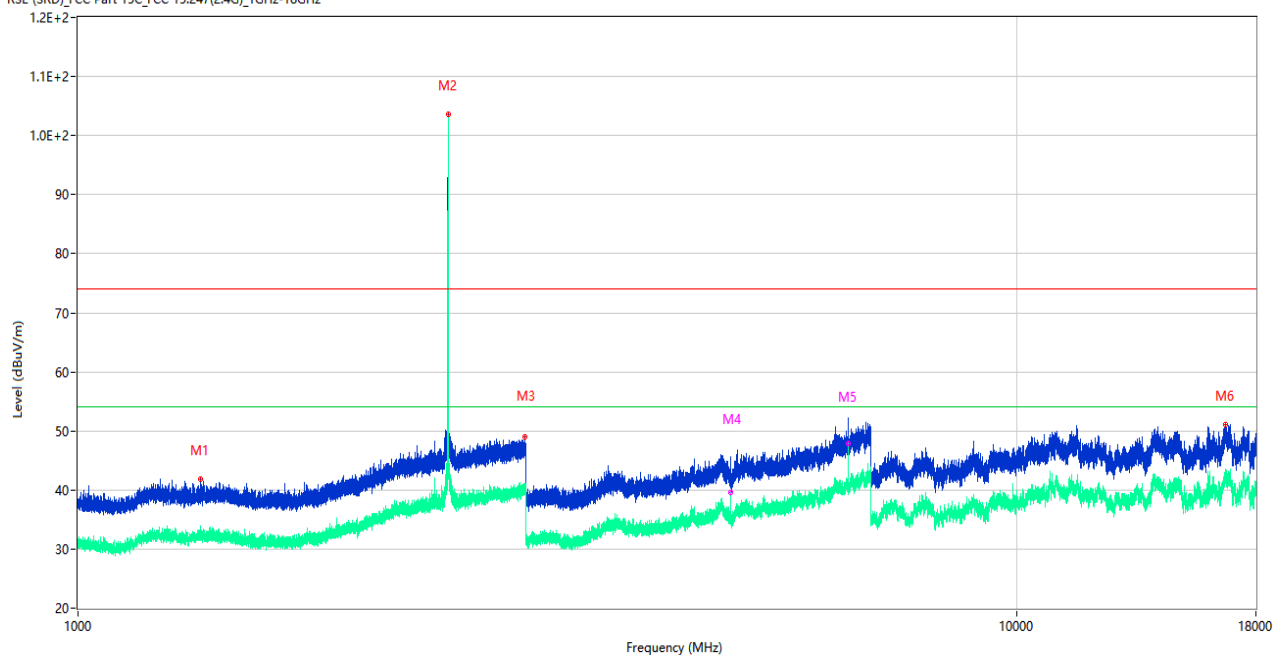
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1228.400	42.51	-17.59	74.0	31.49	Peak	360.00	300	Vertical	Pass
1**	1228.400	31.92	-17.59	54.0	22.08	AV	360.00	300	Vertical	Pass
2	2440.200	97.42	-13.98	--	--	Peak	49.00	200	Vertical	N/A
2**	2440.200	96.41	-13.98	--	--	AV	49.00	200	Vertical	N/A
3	2995.600	48.91	-11.08	74.0	25.09	Peak	93.00	200	Vertical	Pass
3**	2995.600	40.55	-11.08	54.0	13.45	AV	93.00	200	Vertical	Pass
4	4828.800	46.26	-7.29	74.0	27.74	Peak	52.00	100	Vertical	Pass
4**	4828.800	37.03	-7.29	54.0	16.97	AV	52.00	100	Vertical	Pass
5	6850.600	51.25	-1.30	74.0	22.75	Peak	360.00	400	Vertical	Pass
5**	6850.600	41.87	-1.30	54.0	12.13	AV	360.00	400	Vertical	Pass
6	16917.188	51.48	6.83	74.0	22.52	Peak	174.00	100	Vertical	Pass
6**	16917.188	40.97	6.83	54.0	13.03	AV	174.00	100	Vertical	Pass

GFSK (BLE Coded 8) HIGH CHANNEL 1 GHz to 18 GHz, ANT H

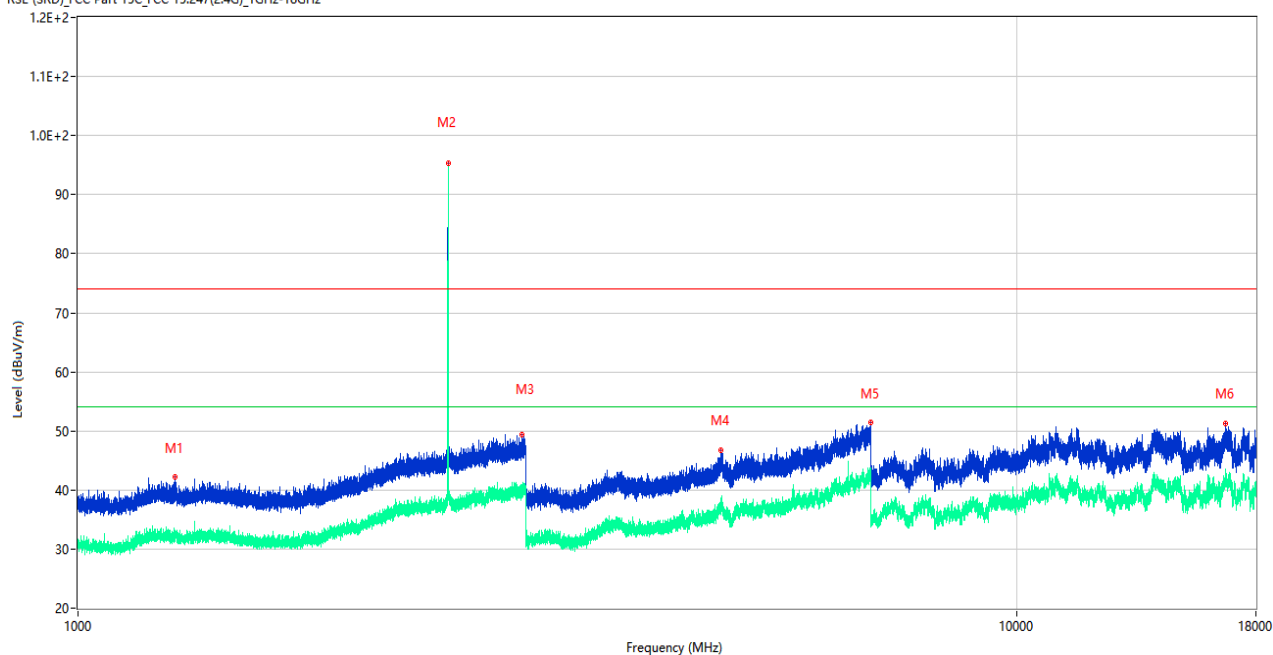
RSE (SRD), FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.600	41.82	-17.00	74.0	32.18	Peak	360.00	400	Horizontal	Pass
1**	1351.600	32.49	-17.00	54.0	21.51	AV	360.00	400	Horizontal	Pass
2	2479.700	103.58	-13.53	--	--	Peak	44.00	100	Horizontal	N/A
2**	2479.700	102.36	-13.53	--	--	AV	44.00	100	Horizontal	N/A
3	2991.300	48.93	-11.18	74.0	25.07	Peak	90.00	100	Horizontal	Pass
3**	2991.300	40.03	-11.18	54.0	13.97	AV	90.00	100	Horizontal	Pass
4	4959.800	44.17	-6.53	74.0	29.83	Peak	16.00	100	Horizontal	Pass
4**	4959.800	39.56	-6.53	54.0	14.44	AV	16.00	100	Horizontal	Pass
5	6613.600	50.36	-3.07	74.0	23.64	Peak	200.00	100	Horizontal	Pass
5**	6613.600	47.95	-3.07	54.0	6.05	AV	200.00	100	Horizontal	Pass
6	16725.562	51.14	6.76	74.0	22.86	Peak	220.00	100	Horizontal	Pass
6**	16725.562	42.36	6.76	54.0	11.64	AV	220.00	100	Horizontal	Pass

GFSK (BLE Coded 8) 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	1268.700	42.17	-17.71	74.0	31.83	Peak	360.00	100	Vertical	Pass
1**	1268.700	31.80	-17.71	54.0	22.20	AV	360.00	100	Vertical	Pass
2	2479.800	95.32	-13.54	--	--	Peak	45.00	100	Vertical	N/A
2**	2479.800	94.61	-13.54	--	--	AV	45.00	100	Vertical	N/A
3	2975.400	49.44	-10.69	74.0	24.56	Peak	203.00	100	Vertical	Pass
3**	2975.400	40.70	-10.69	54.0	13.30	AV	203.00	100	Vertical	Pass
4	4845.600	46.79	-6.52	74.0	27.21	Peak	111.00	300	Vertical	Pass
4**	4845.600	37.68	-6.52	54.0	16.32	AV	111.00	300	Vertical	Pass
5	6988.400	51.36	-1.50	74.0	22.64	Peak	66.00	400	Vertical	Pass
5**	6988.400	42.92	-1.50	54.0	11.08	AV	66.00	400	Vertical	Pass
6	16717.426	51.34	6.89	74.0	22.66	Peak	239.00	100	Vertical	Pass
6**	16717.426	42.43	6.89	54.0	11.57	AV	239.00	100	Vertical	Pass

A.7 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 C63.10-2020 + 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.

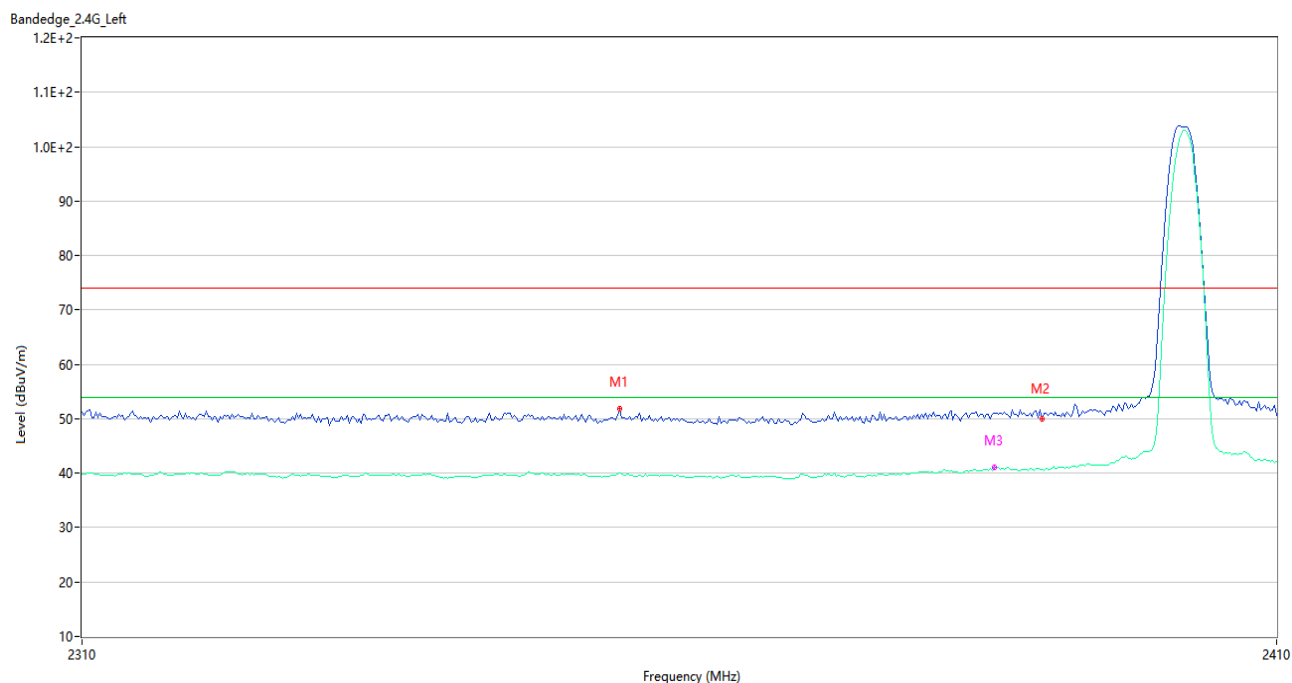
Note ⁴: The Level (dBuV/m) has been corrected by factor.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Note ⁶: The RSE Plot only shows the worst-case scenario, while all other data are presented in tabular form.

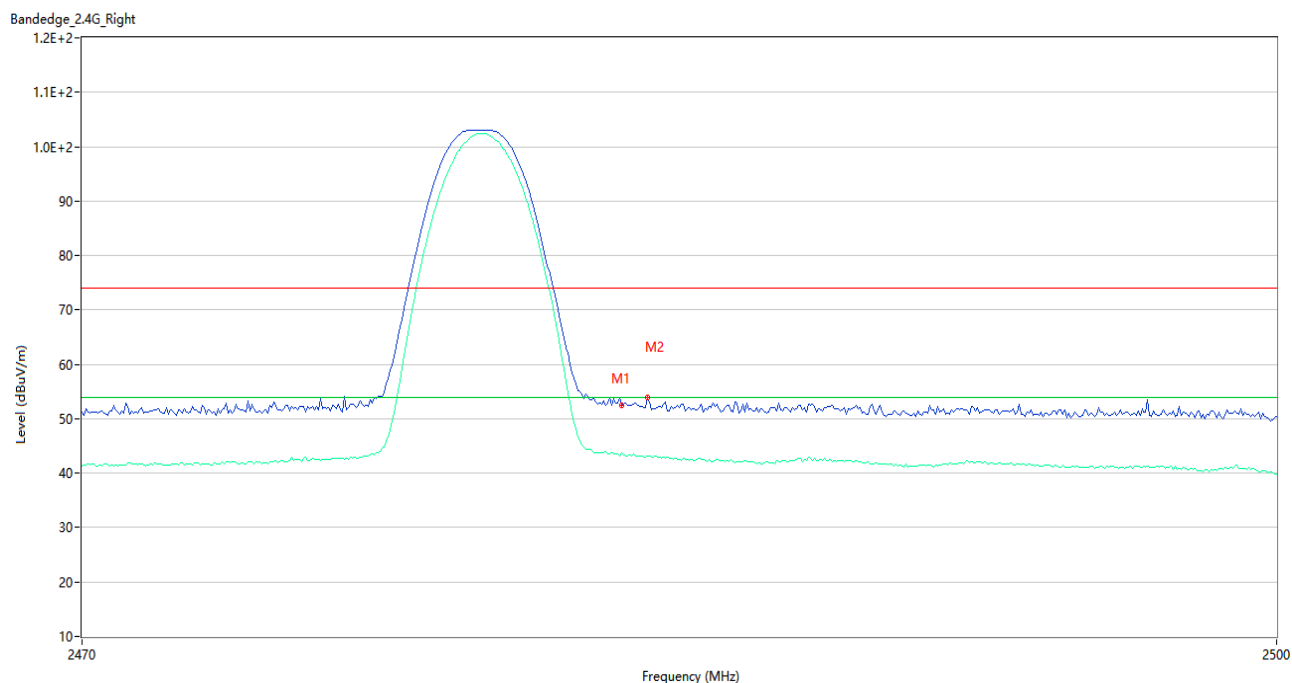
Test Data and Plots

GFSK (BLE 1Mbps) LOW CHANNEL



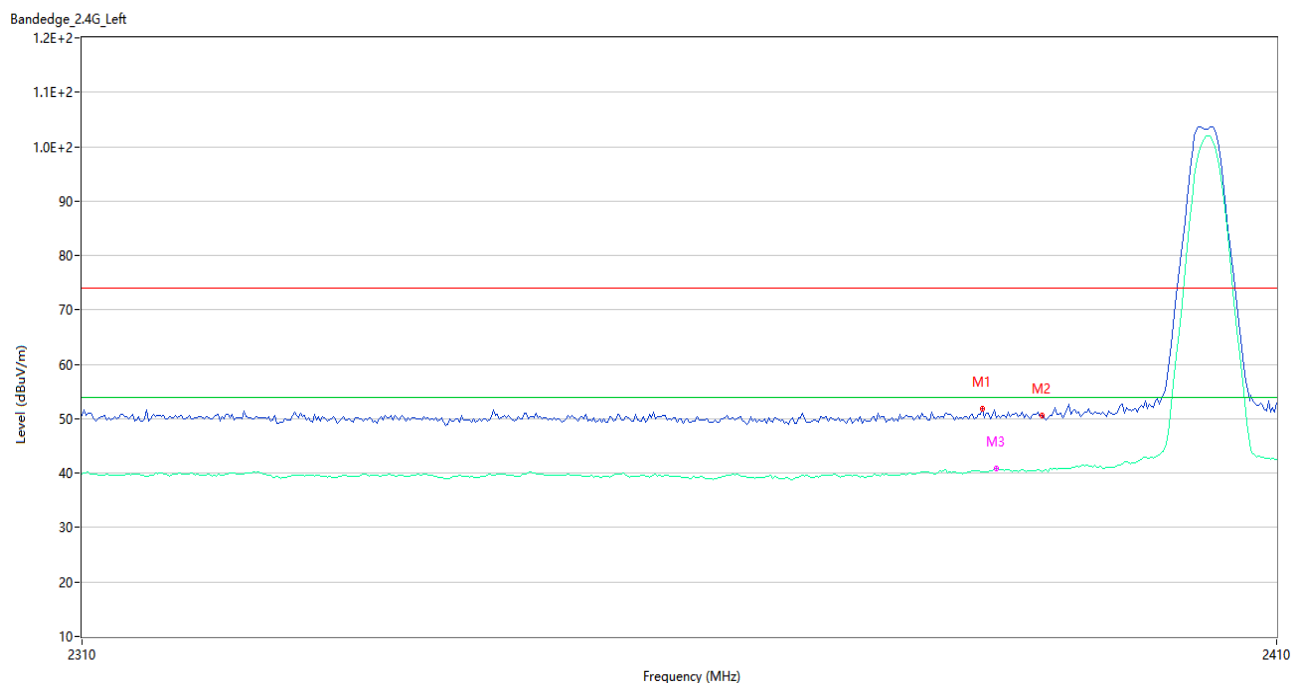
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2354.500	51.77	-3.66	74.0	22.23	Peak	254.00	200	Horizontal	Pass
1**	2354.500	39.98	-3.66	54.0	14.02	AV	254.00	200	Horizontal	Pass
2	2390.000	49.94	-4.16	74.0	24.06	Peak	97.00	300	Horizontal	Pass
2**	2390.000	40.61	-4.16	54.0	13.39	AV	97.00	300	Horizontal	Pass
3	2386.000	51.07	-3.61	74.0	22.93	Peak	53.00	100	Horizontal	Pass
3**	2386.000	40.99	-3.61	54.0	13.01	AV	53.00	100	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



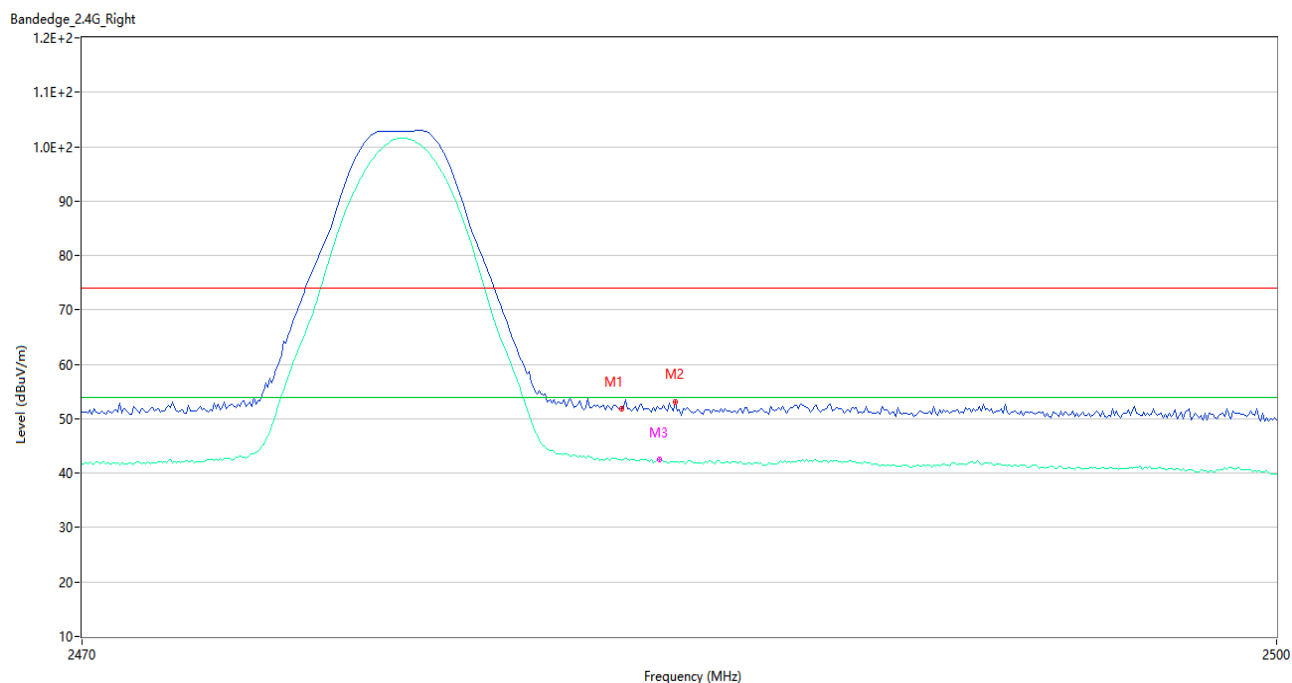
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.45	-3.04	74.0	21.55	Peak	30.00	300	Horizontal	Pass
1**	2483.500	43.70	-3.04	54.0	10.30	AV	30.00	300	Horizontal	Pass
2	2484.150	53.97	-3.04	74.0	20.03	Peak	60.00	300	Horizontal	Pass
2**	2484.150	43.13	-3.04	54.0	10.87	AV	60.00	300	Horizontal	Pass

GFSK (BLE 2Mbps) LOW CHANNEL



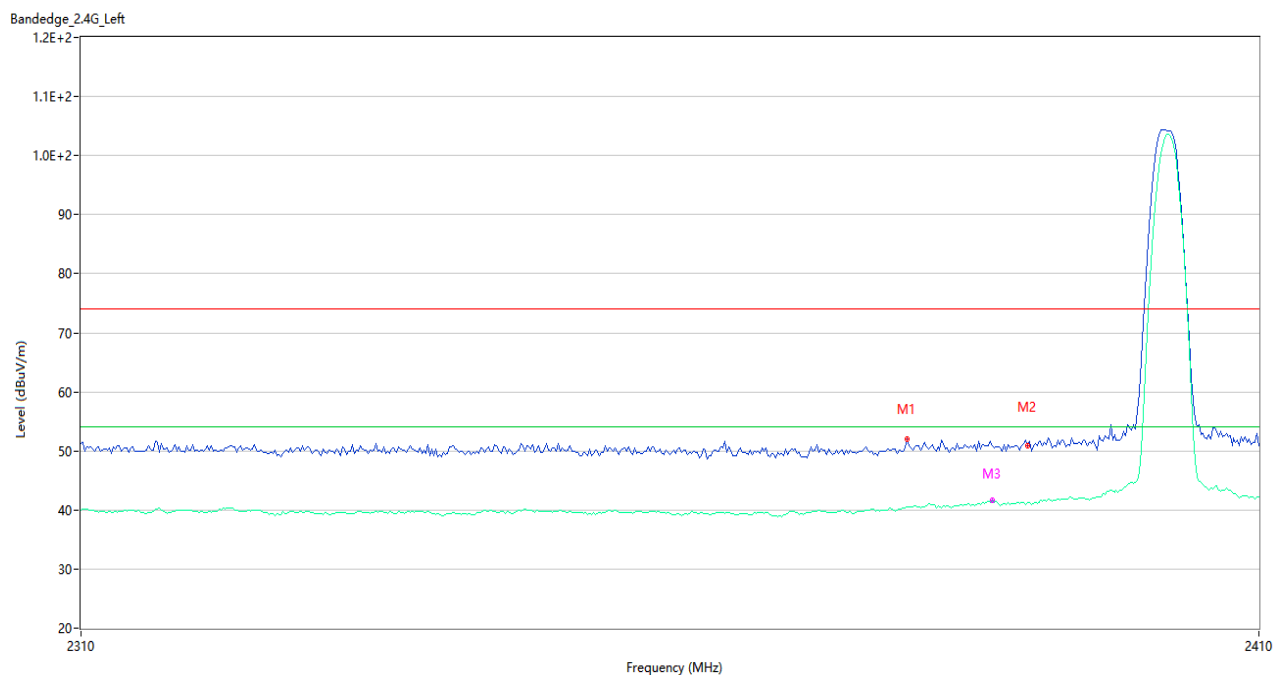
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.000	51.85	-3.77	74.0	22.15	Peak	79.00	300	Horizontal	Pass
1**	2385.000	40.28	-3.77	54.0	13.72	AV	79.00	300	Horizontal	Pass
2	2390.000	50.66	-4.16	74.0	23.34	Peak	62.00	200	Horizontal	Pass
2**	2390.000	40.23	-4.16	54.0	13.77	AV	62.00	200	Horizontal	Pass
3	2386.167	50.10	-3.59	74.0	23.90	Peak	74.00	100	Horizontal	Pass
3**	2386.167	40.78	-3.59	54.0	13.22	AV	74.00	100	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



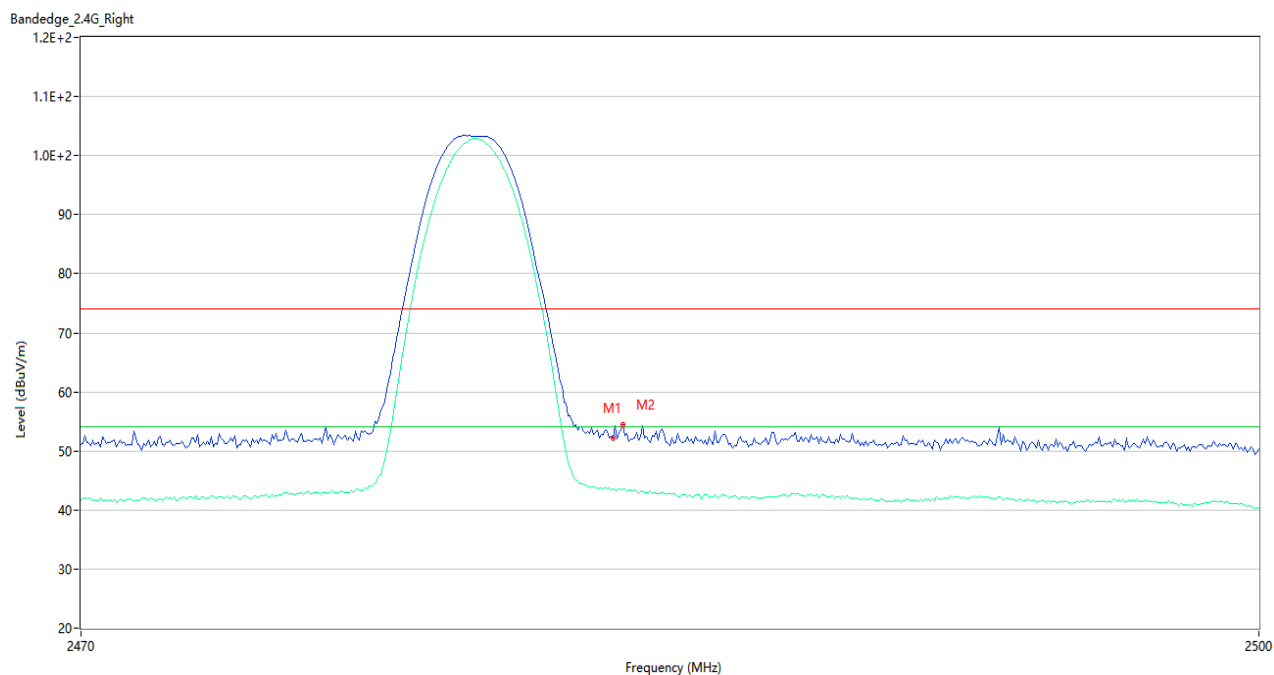
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.91	-3.04	74.0	22.09	Peak	17.00	200	Horizontal	Pass
1**	2483.500	42.30	-3.04	54.0	11.70	AV	17.00	200	Horizontal	Pass
2	2484.850	53.17	-3.15	74.0	20.83	Peak	32.00	200	Horizontal	Pass
2**	2484.850	42.09	-3.15	54.0	11.91	AV	32.00	200	Horizontal	Pass
3	2484.450	51.94	-3.09	74.0	22.06	Peak	33.00	100	Horizontal	Pass
3**	2484.450	42.54	-3.09	54.0	11.46	AV	33.00	100	Horizontal	Pass

GFSK (BLE Coded 2) LOW CHANNEL



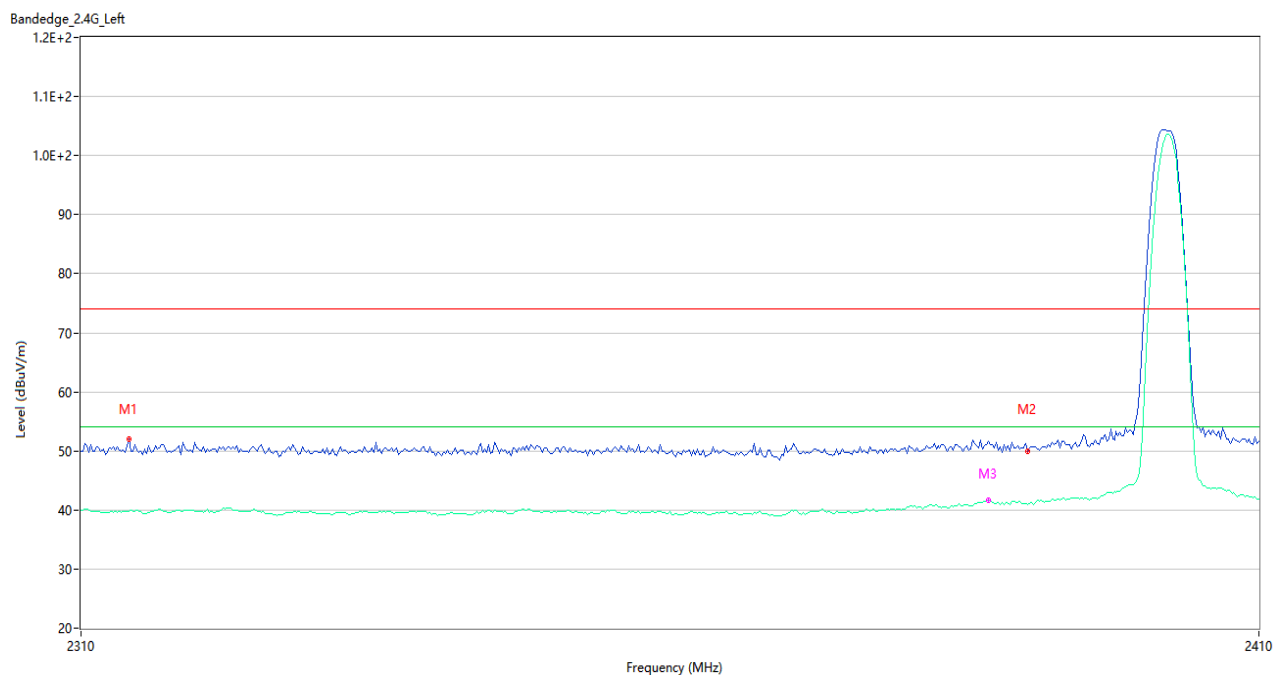
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2379.667	52.02	-3.76	74.0	21.98	Peak	35.00	200	Horizontal	Pass
1**	2379.667	40.49	-3.76	54.0	13.51	AV	35.00	200	Horizontal	Pass
2	2390.000	50.86	-4.16	74.0	23.14	Peak	30.00	400	Horizontal	Pass
2**	2390.000	41.33	-4.16	54.0	12.67	AV	30.00	400	Horizontal	Pass
3	2387.000	50.84	-3.58	74.0	23.16	Peak	48.00	100	Horizontal	Pass
3**	2387.000	41.69	-3.58	54.0	12.31	AV	48.00	100	Horizontal	Pass

GFSK (BLE Coded 2) HIGH CHANNEL



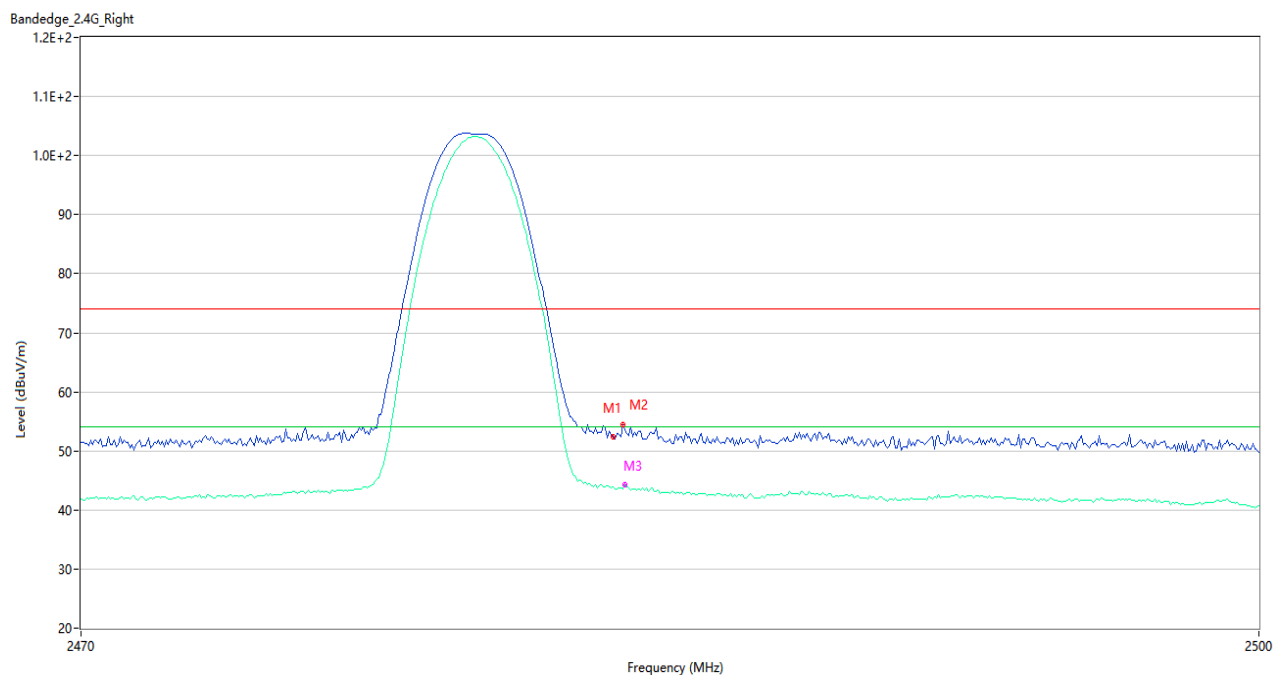
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.23	-3.04	74.0	21.77	Peak	23.00	300	Horizontal	Pass
1**	2483.500	43.48	-3.04	54.0	10.52	AV	23.00	300	Horizontal	Pass
2	2483.750	54.40	-2.99	74.0	19.60	Peak	44.00	400	Horizontal	Pass
2**	2483.750	43.46	-2.99	54.0	10.54	AV	44.00	400	Horizontal	Pass

GFSK (BLE Coded 8) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2314.000	52.03	-3.61	74.0	21.97	Peak	0.00	100	Horizontal	Pass
1**	2314.000	39.86	-3.61	54.0	14.14	AV	0.00	100	Horizontal	Pass
2	2390.000	49.92	-4.16	74.0	24.08	Peak	98.00	300	Horizontal	Pass
2**	2390.000	40.95	-4.16	54.0	13.05	AV	98.00	300	Horizontal	Pass
3	2386.667	51.64	-3.54	74.0	22.36	Peak	71.00	100	Horizontal	Pass
3**	2386.667	41.57	-3.54	54.0	12.43	AV	71.00	100	Horizontal	Pass

GFSK (BLE Coded 8) 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	52.31	-3.04	74.0	21.69	Peak	45.00	100	Horizontal	Pass
1**	2483.500	44.00	-3.04	54.0	10.00	AV	45.00	100	Horizontal	Pass
2	2483.750	54.48	-2.99	74.0	19.52	Peak	35.00	100	Horizontal	Pass
2**	2483.750	43.58	-2.99	54.0	10.42	AV	35.00	100	Horizontal	Pass
3	2483.800	53.51	-2.99	74.0	20.49	Peak	35.00	100	Horizontal	Pass
3**	2483.800	44.22	-2.99	54.0	9.78	AV	35.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

GFSK (BLE 1Mbps)			
Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-7.22	8	Pass
Middle Channel	-7.01	8	Pass
High Channel	-6.92	8	Pass

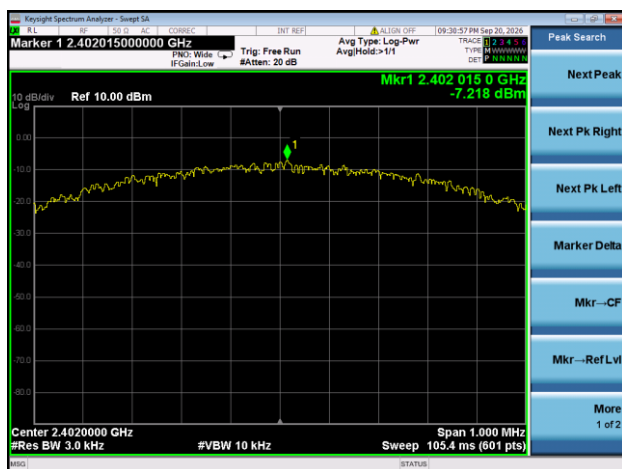
GFSK (BLE 2Mbps)			
Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-11.71	8	Pass
Middle Channel	-11.39	8	Pass
High Channel	-11.65	8	Pass

GFSK (BLE Coded 2)			
Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-7.35	8	Pass
Middle Channel	-7.05	8	Pass
High Channel	-7.27	8	Pass

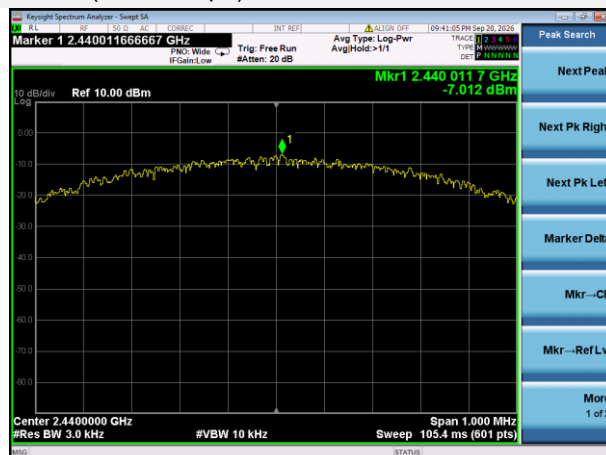
GFSK (BLE Coded 8)			
Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low Channel	-7.41	8	Pass
Middle Channel	-7.06	8	Pass
High Channel	-7.26	8	Pass

Test Plots

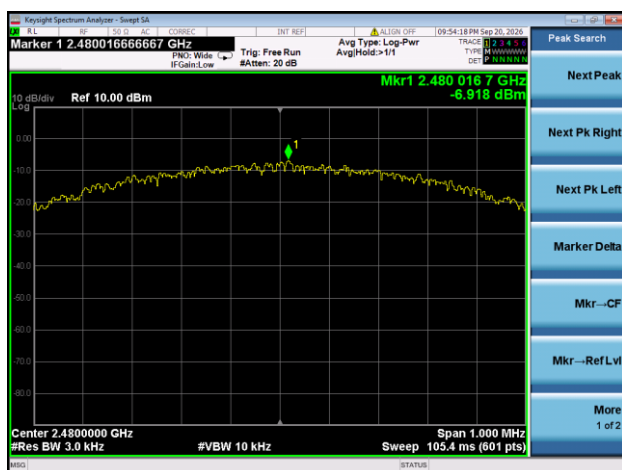
GFSK (BLE 1Mbps) LOW CHANNEL



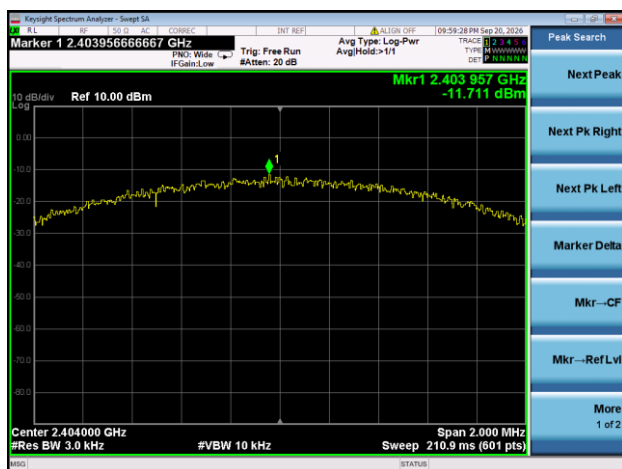
GFSK (BLE 1Mbps) MIDDLE CHANNEL



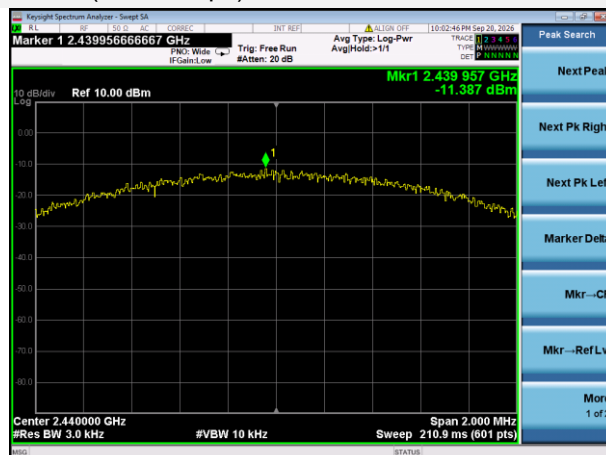
GFSK (BLE 1Mbps) HIGH CHANNEL



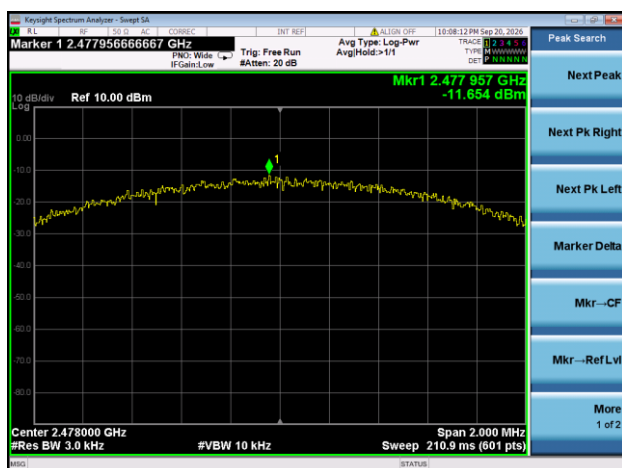
GFSK (BLE 2Mbps) LOW CHANNEL



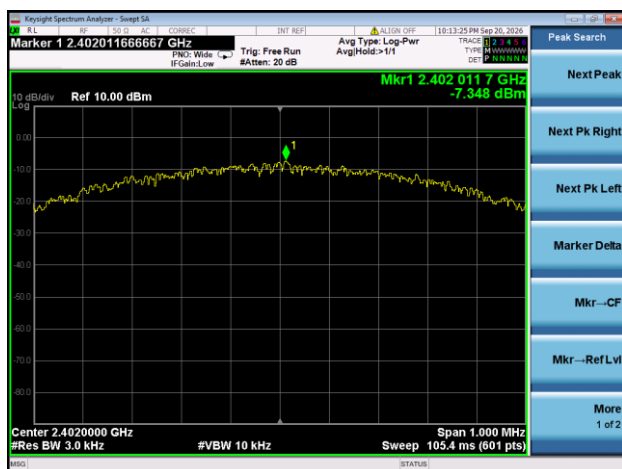
GFSK (BLE 2Mbps) MIDDLE CHANNEL



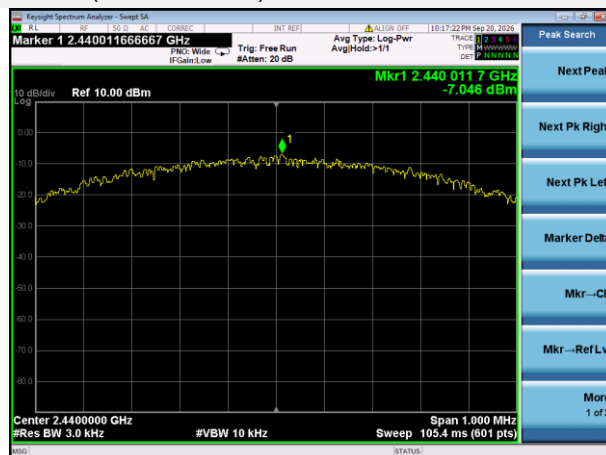
GFSK (BLE 2Mbps) HIGH CHANNEL



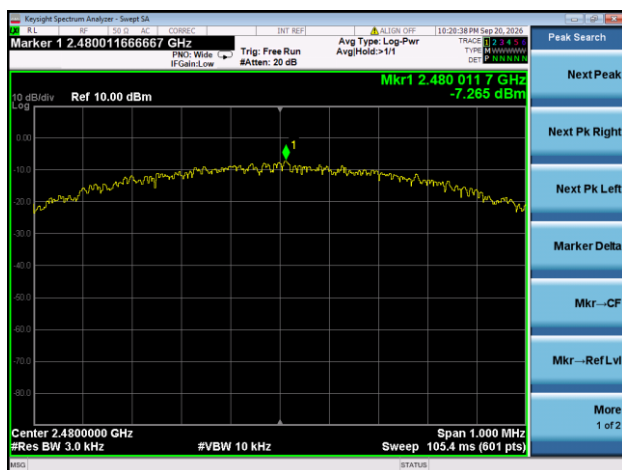
GFSK (BLE Coded 2) LOW CHANNEL



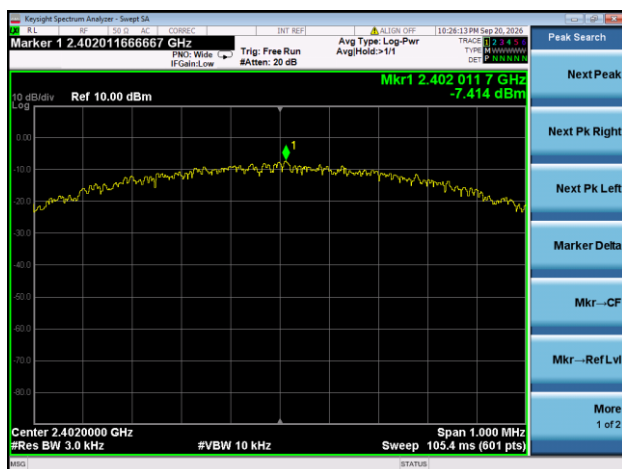
GFSK (BLE Coded 2) MIDDLE CHANNEL



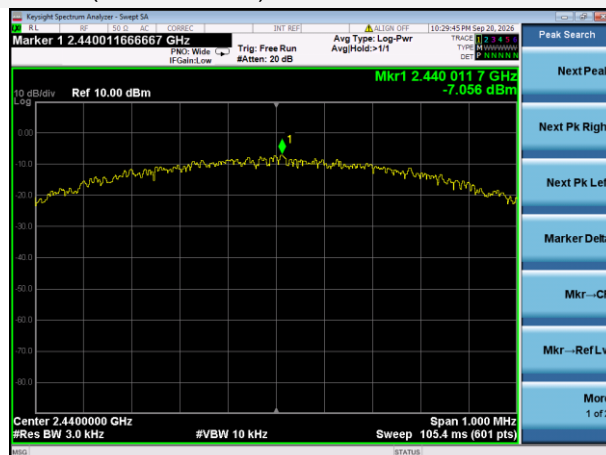
GFSK (BLE Coded 2) HIGH CHANNEL



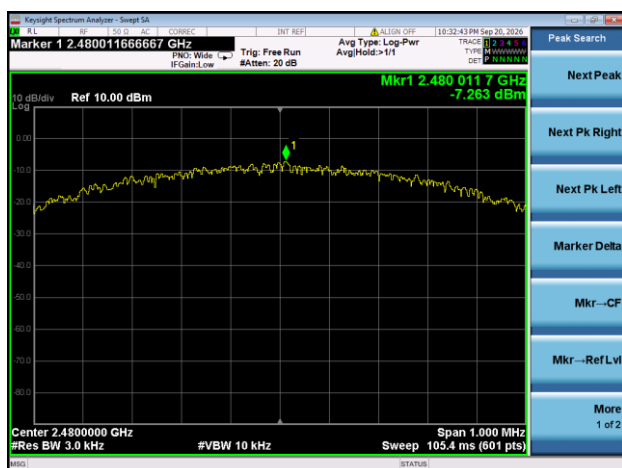
GFSK (BLE Coded 8) LOW CHANNEL



GFSK (BLE Coded 8) MIDDLE CHANNEL



GFSK (BLE Coded 8) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26090111-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26090111-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26090111-AI.PDF”.