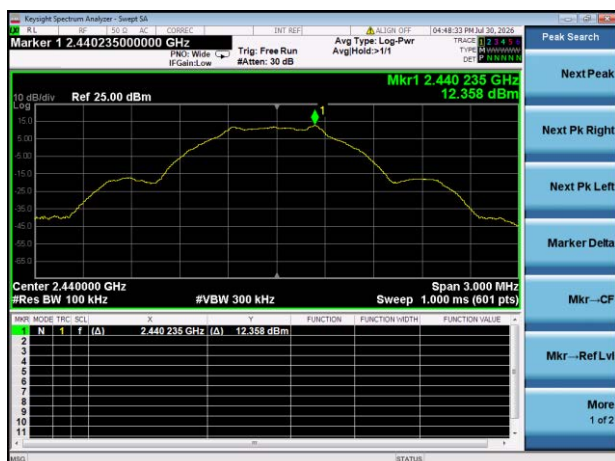
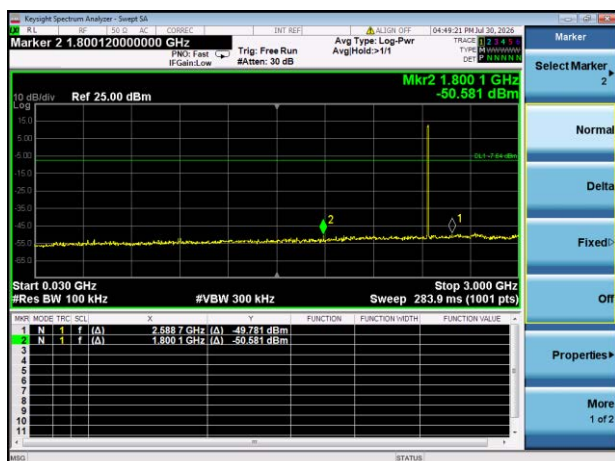


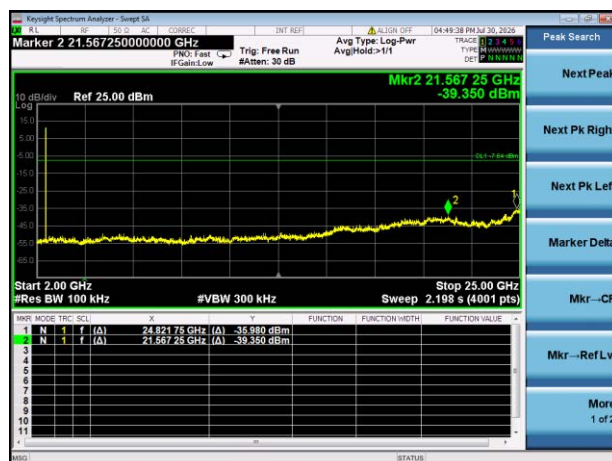
GFSK (BLE 1Mbps) MIDDLE CHANNEL, CARRIER LEVEL



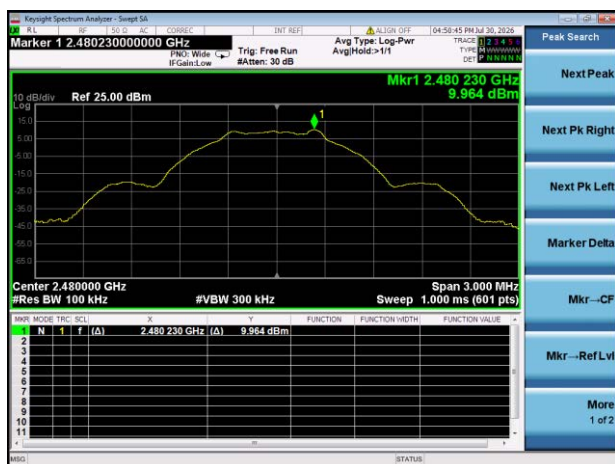
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



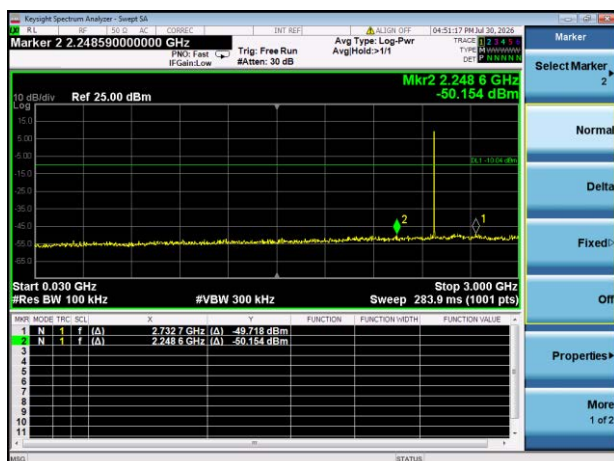
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



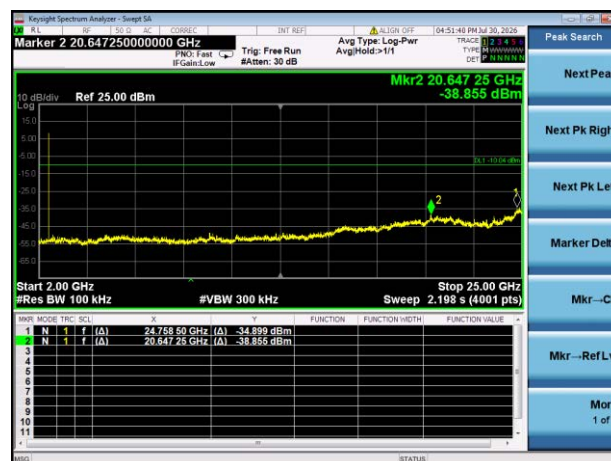
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



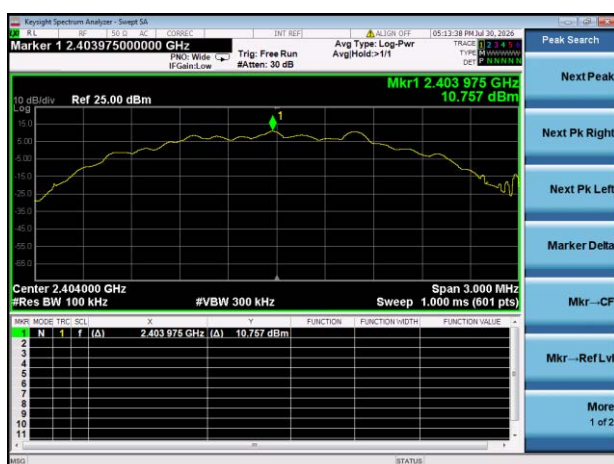
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



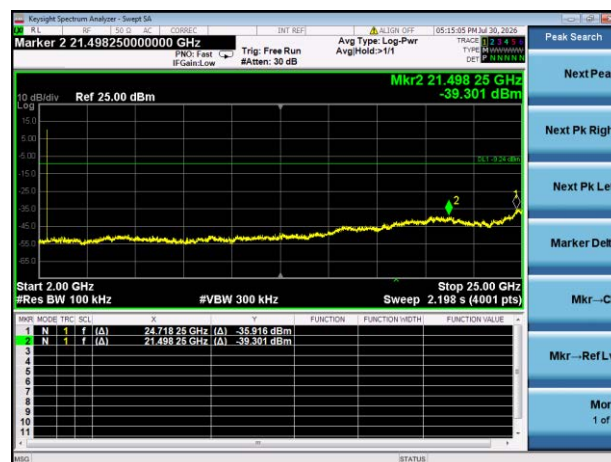
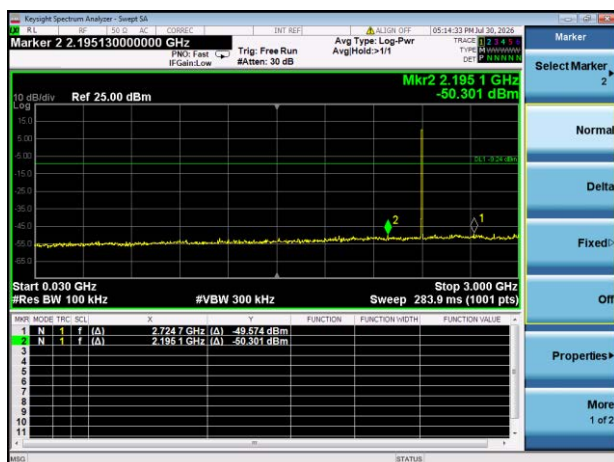
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



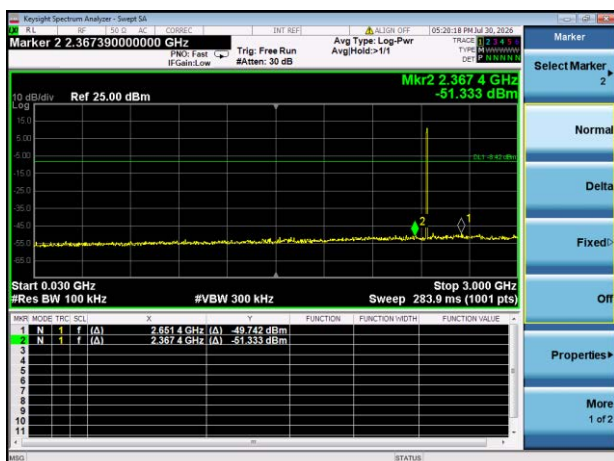
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



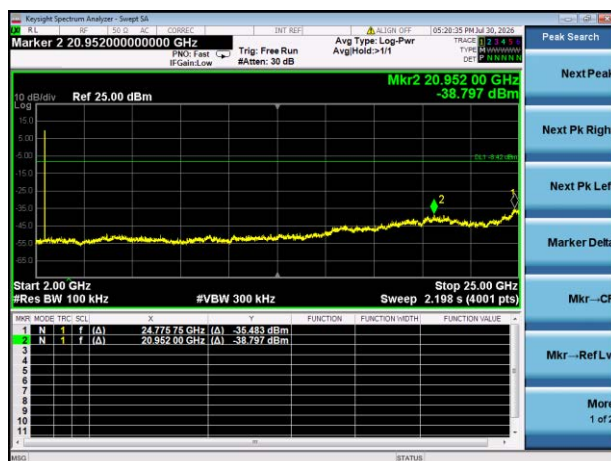
GFSK (BLE 2Mbps) MIDDLE CHANNEL, CARRIER LEVEL



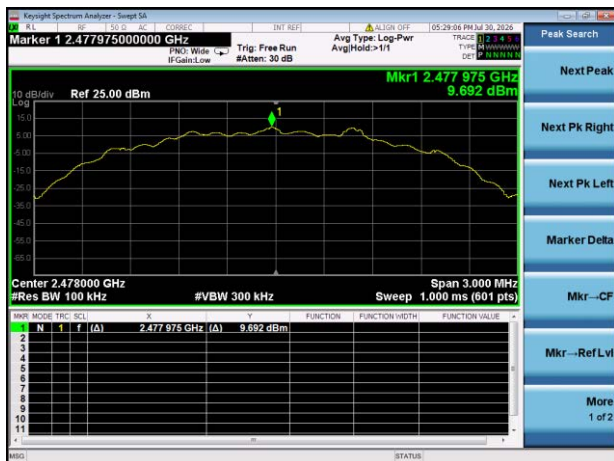
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



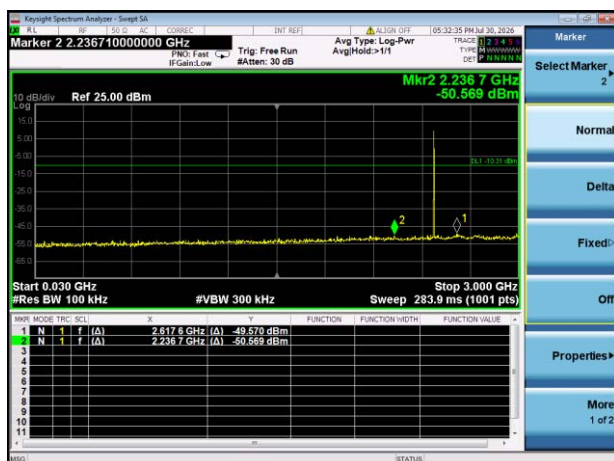
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



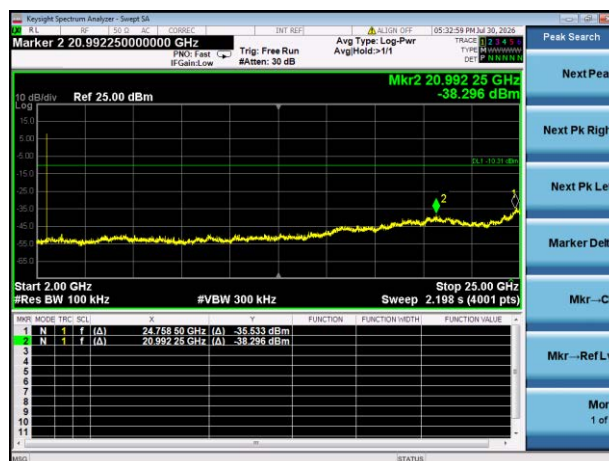
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



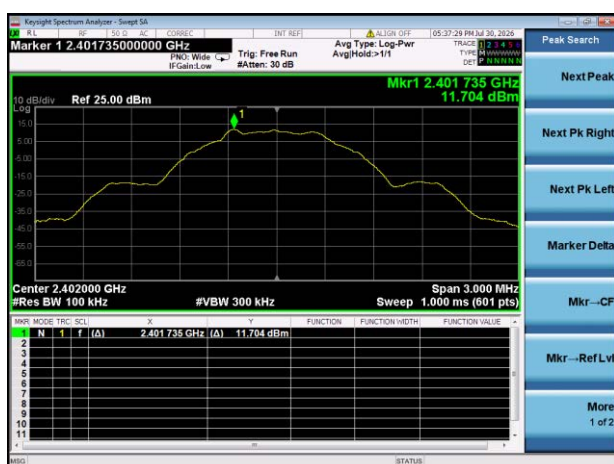
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



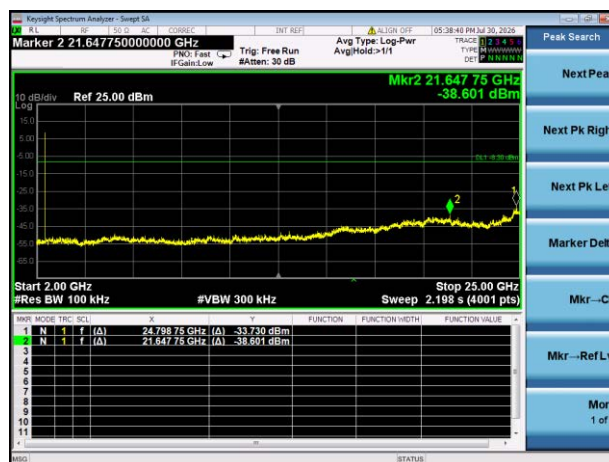
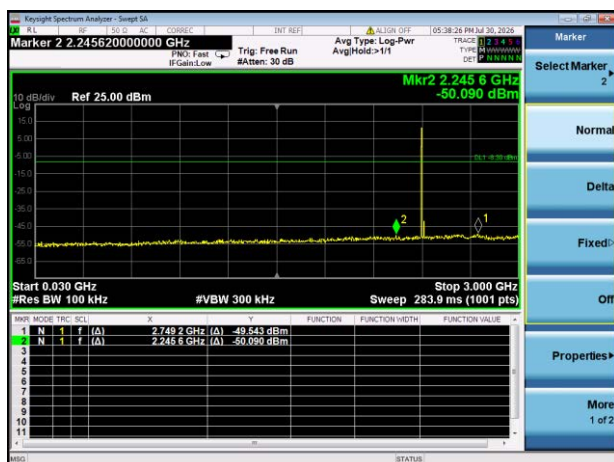
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



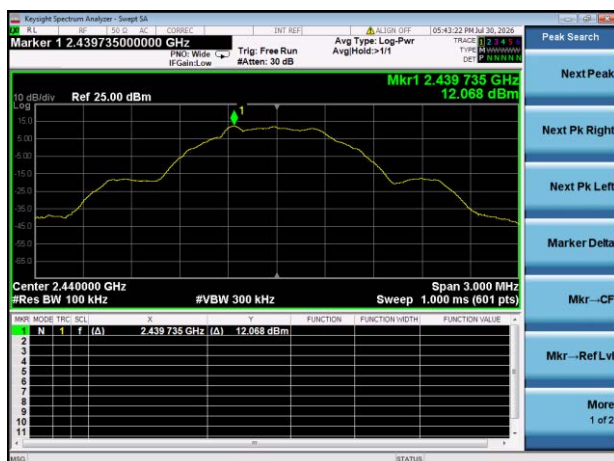
GFSK (BLE 500Kbps) LOW CHANNEL, CARRIER LEVEL



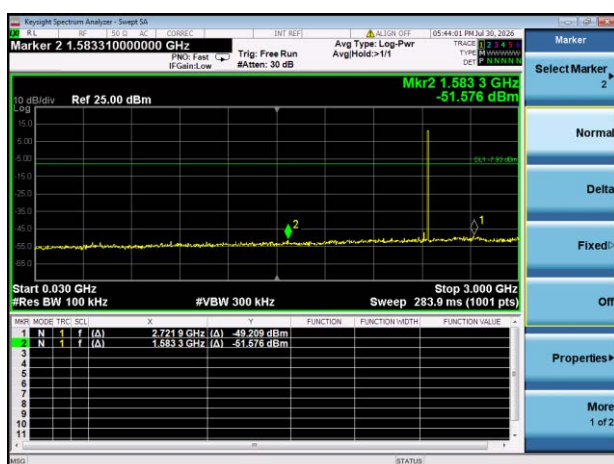
GFSK (BLE 500Kbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



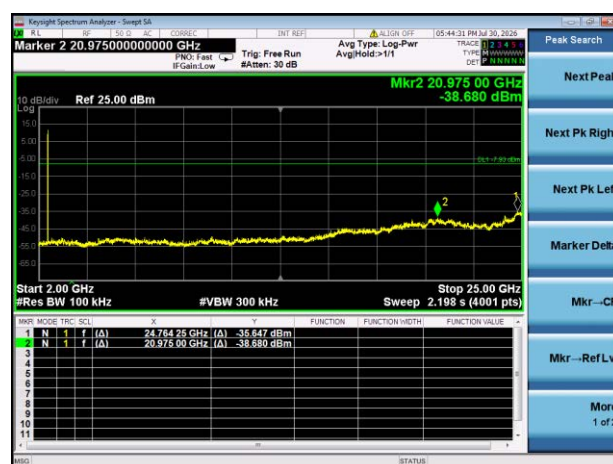
GFSK (BLE 500Kbps) MIDDLE CHANNEL, CARRIER LEVEL



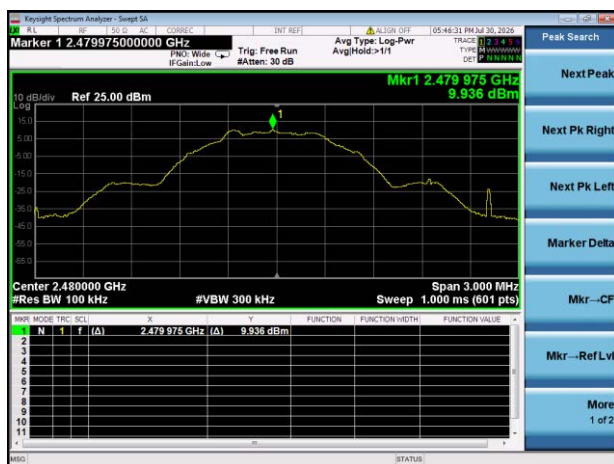
GFSK (BLE 500Kbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



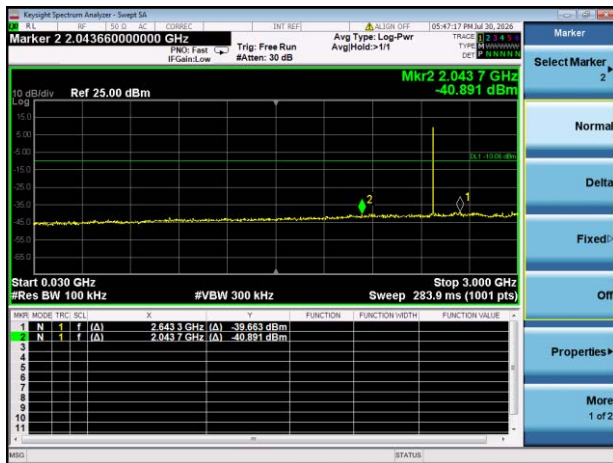
GFSK (BLE 500Kbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



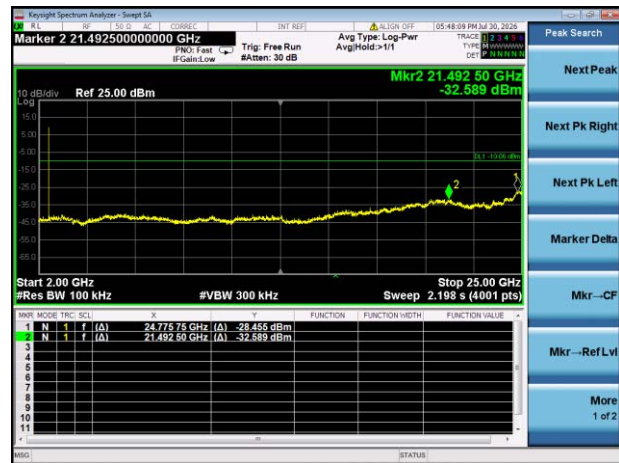
GFSK (BLE 500Kbps) HIGH CHANNEL, CARRIER LEVEL



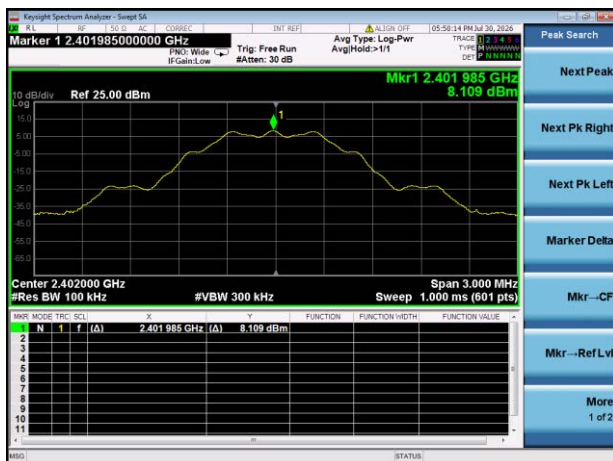
GFSK (BLE 125Kbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



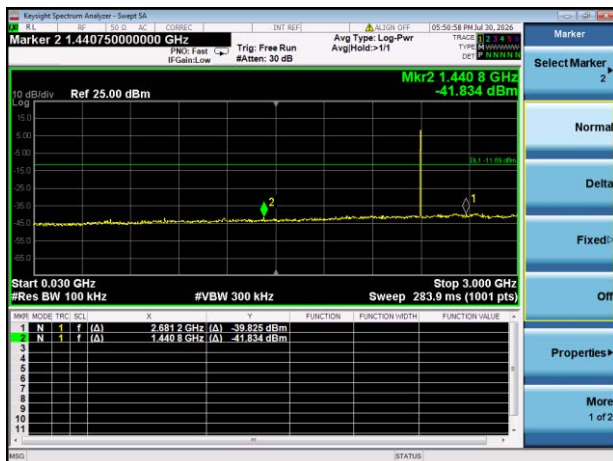
GFSK (BLE 125Kbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



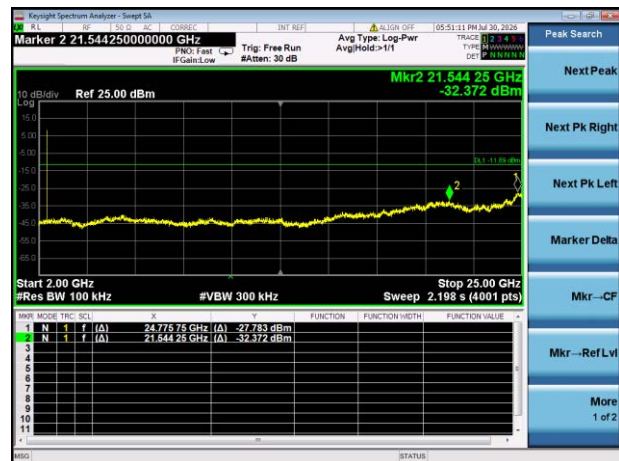
GFSK (BLE 125Kbps) LOW CHANNEL, CARRIER LEVEL



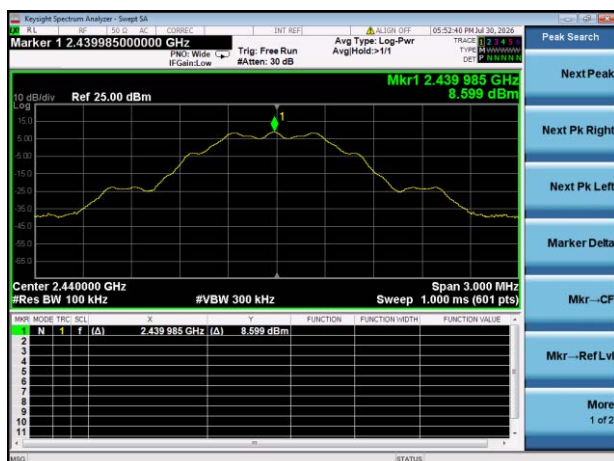
GFSK (BLE 125Kbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



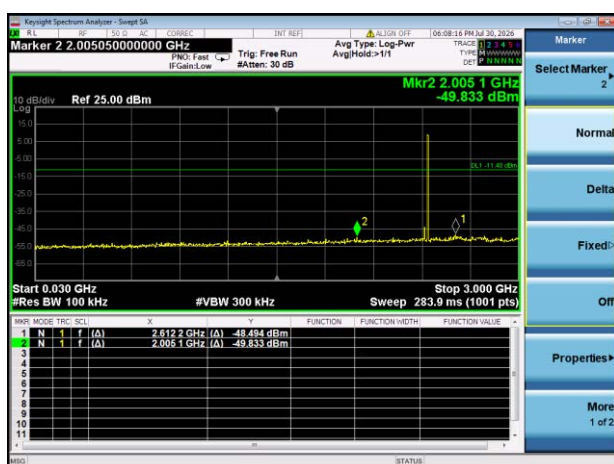
GFSK (BLE 125Kbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



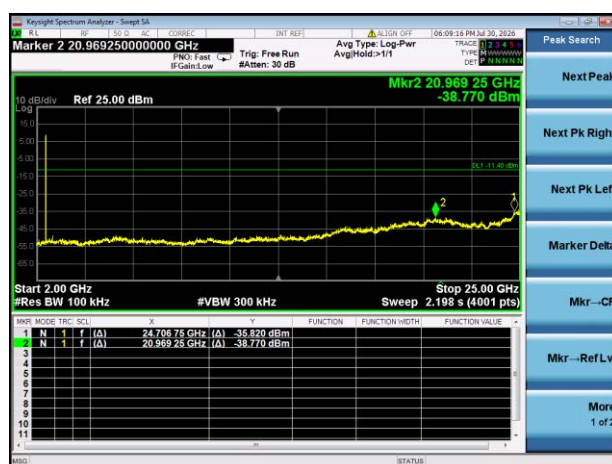
GFSK (BLE 125Kbps) MIDDLE CHANNEL, CARRIER LEVEL



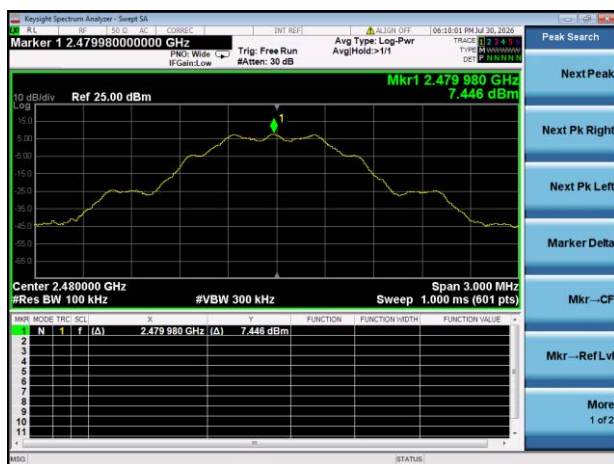
GFSK (BLE 125Kbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



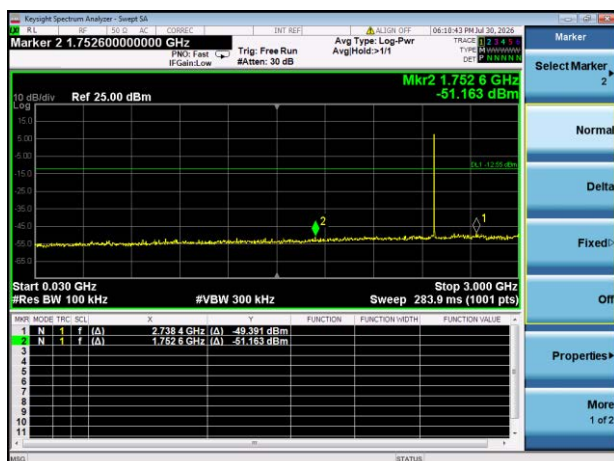
GFSK (BLE 125Kbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



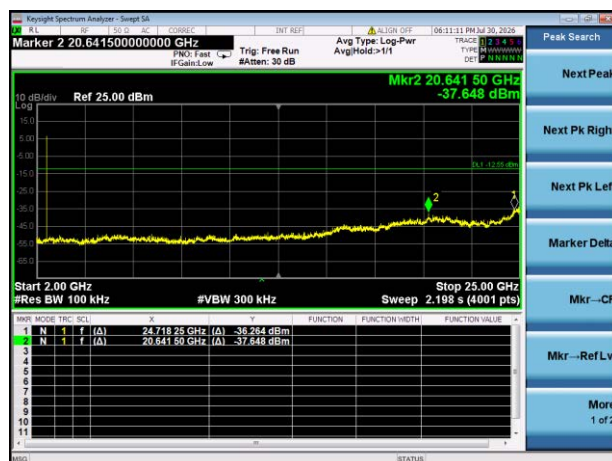
GFSK (BLE 125Kbps) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE 125Kbps) HIGH CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



GFSK (BLE 125Kbps) 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

Main Antenna

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.14	12.69	-7.31	Pass
High	-37.00	13.67	-6.33	Pass

GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.25	12.25	-7.75	Pass
High	-52.02	12.47	-7.53	Pass

GFSK (BLE 500Kbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.10	12.48	-7.52	Pass
High	-34.01	13.59	-6.41	Pass

GFSK (BLE 125Kbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.34	9.23	-10.77	Pass
High	-32.75	10.21	-9.79	Pass

Aux. Antenna

GFSK (BLE 1Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-48.65	11.87	-8.13	Pass
High	-50.77	9.96	-10.04	Pass

GFSK (BLE 2Mbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-51.58	10.76	-9.24	Pass
High	-51.52	9.69	-10.31	Pass

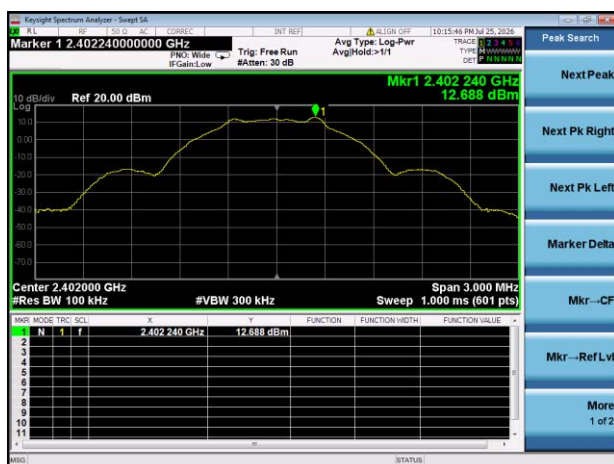
GFSK (BLE 500Kbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-50.54	11.70	-8.30	Pass
High	-42.60	9.94	-10.06	Pass

GFSK (BLE 125Kbps)				
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-41.38	8.11	-11.89	Pass
High	-50.63	7.45	-12.55	Pass

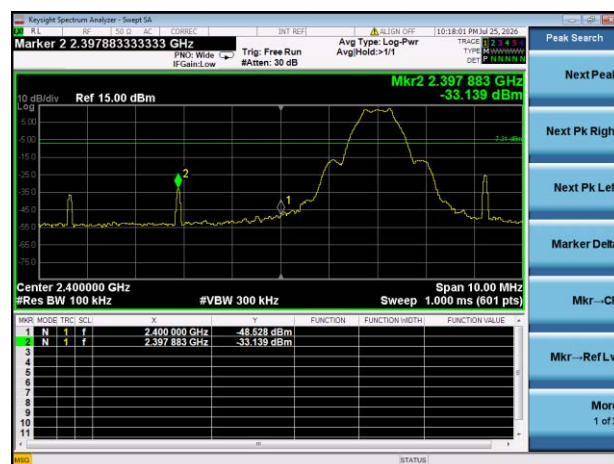
Test Plots

Main Antenna

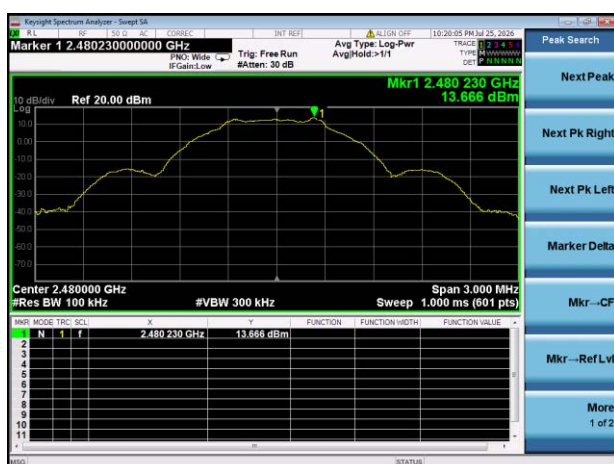
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



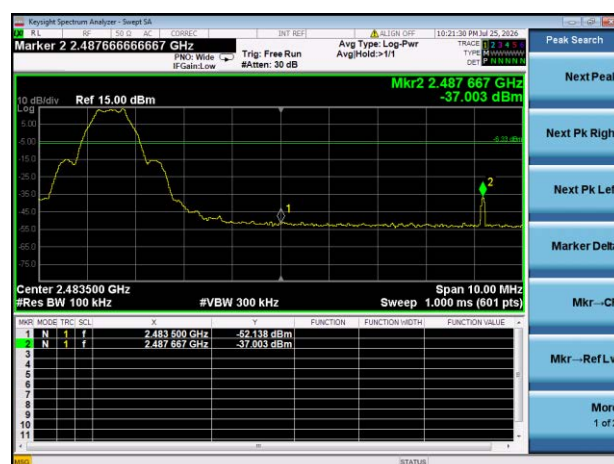
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



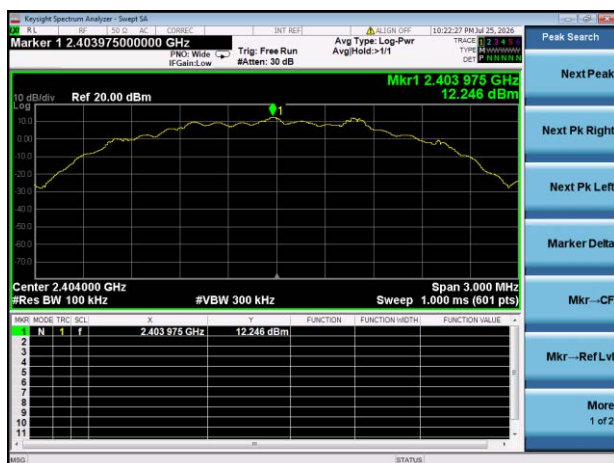
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



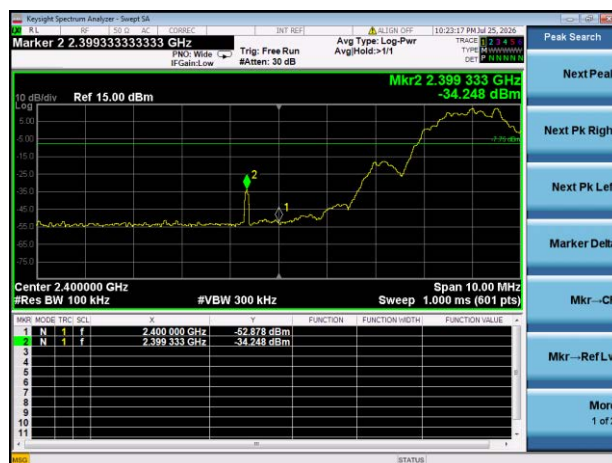
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



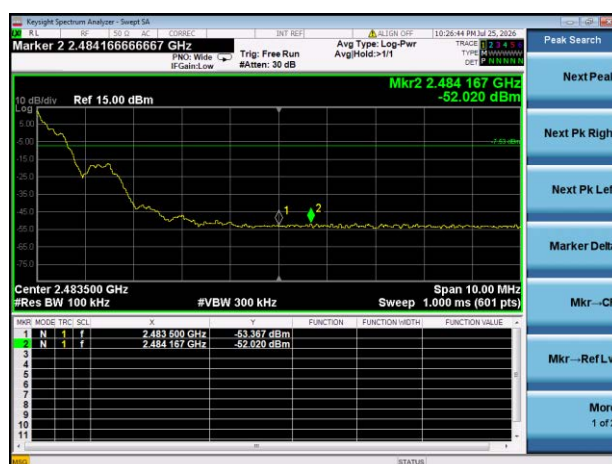
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



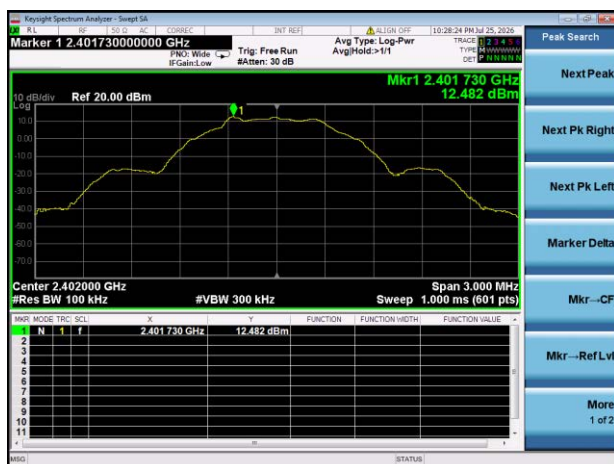
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



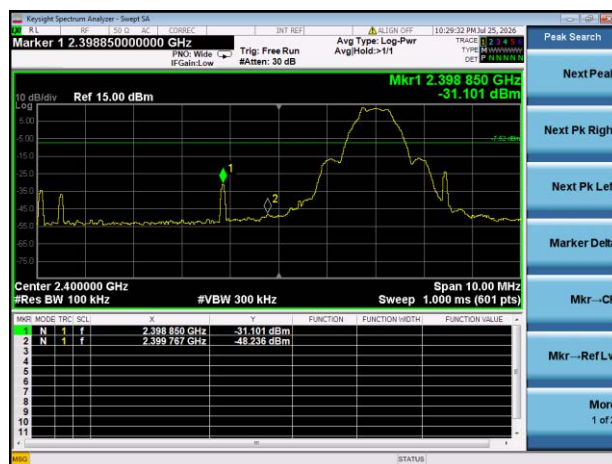
GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



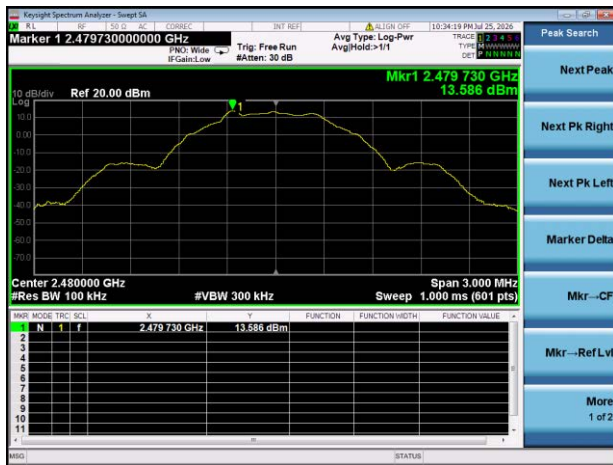
GFSK (BLE 500K LOW CHANNEL, CARRIER LEVEL



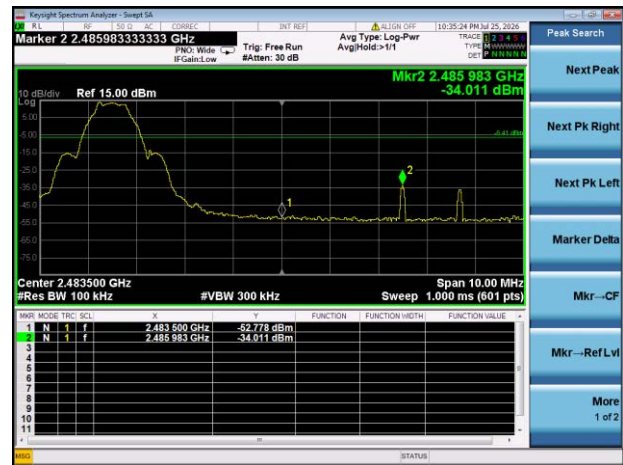
GFSK (BLE 500Kbps) LOW CHANNEL, BAND EDGE



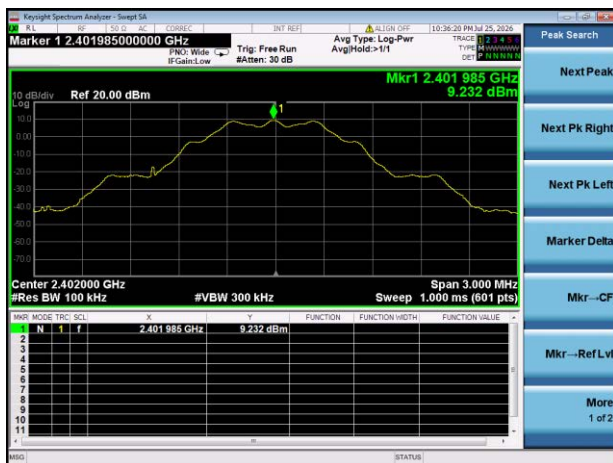
GFSK (BLE 500Kbps) HIGH CHANNEL, CARRIER LEVEL



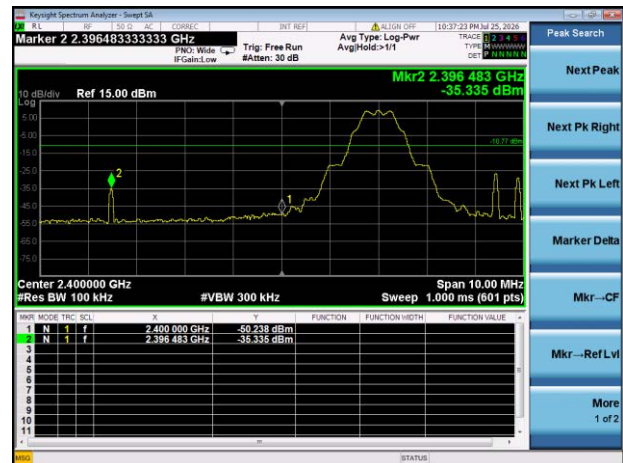
GFSK (BLE 500Kbps) HIGH CHANNEL, BAND EDGE



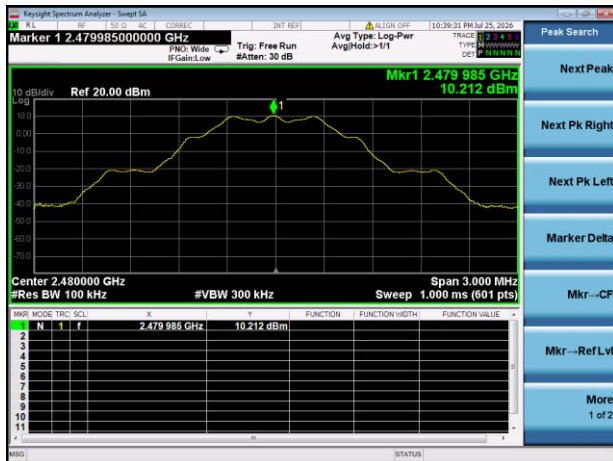
GFSK (BLE 125Kbps) LOW CHANNEL, CARRIER LEVEL



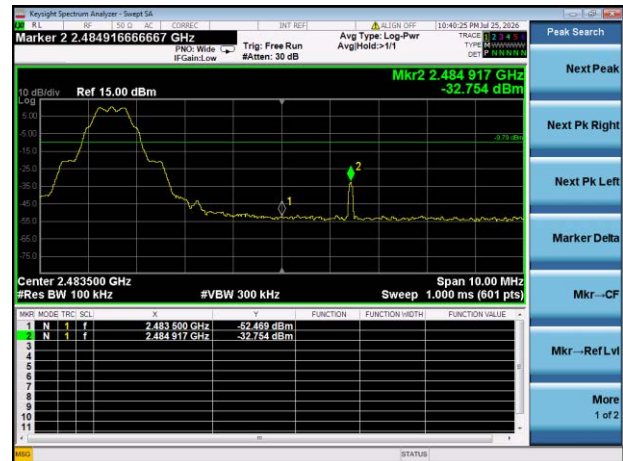
GFSK (BLE 125Kbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 125Kbps) HIGH CHANNEL, CARRIER LEVEL

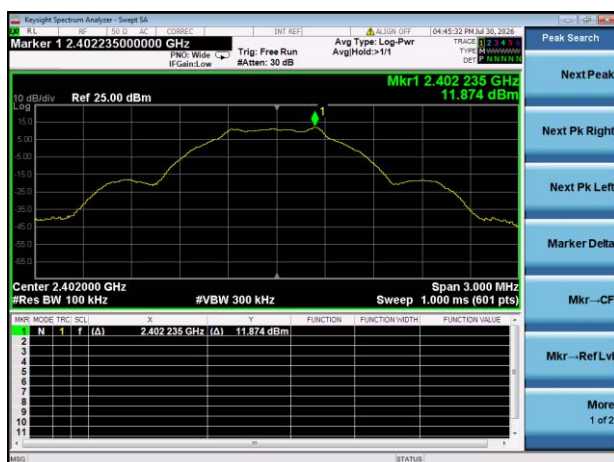


GFSK (BLE 125Kbps) HIGH CHANNEL, BAND EDGE

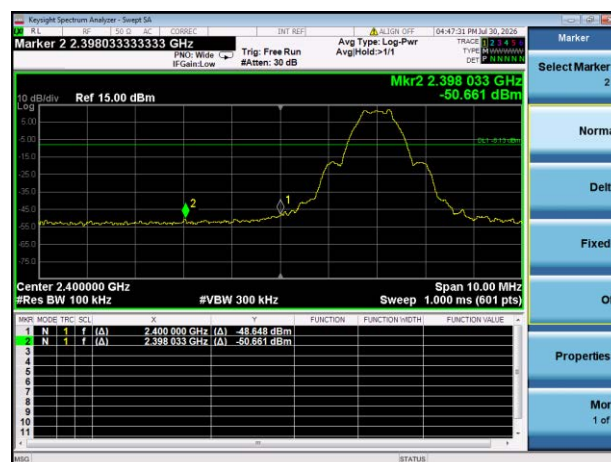


Aux. Antenna

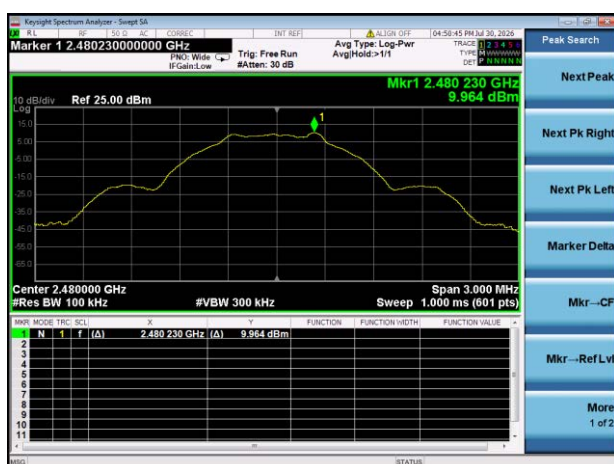
GFSK (BLE 1Mbps) LOW CHANNEL, CARRIER LEVEL



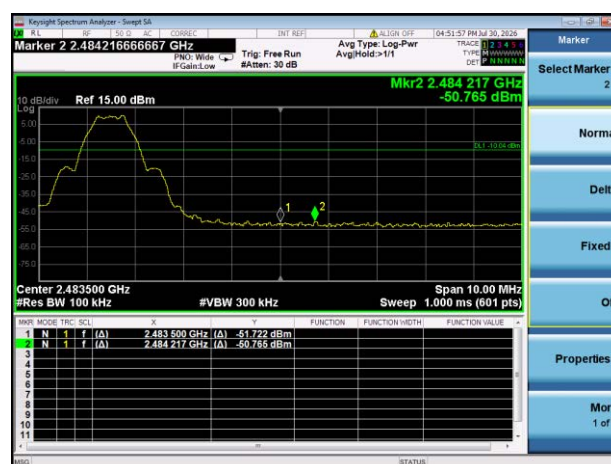
GFSK (BLE 1Mbps) LOW CHANNEL, BAND EDGE



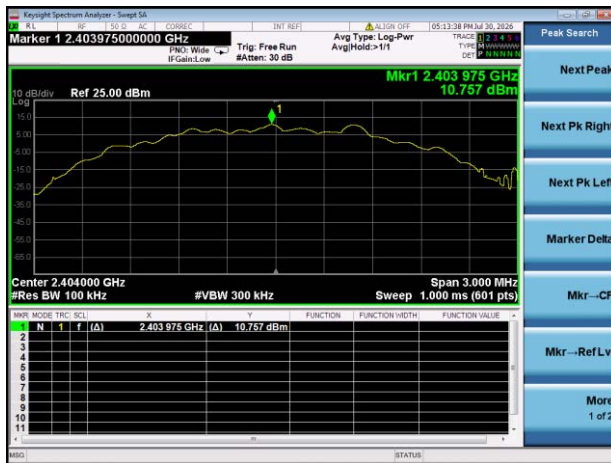
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



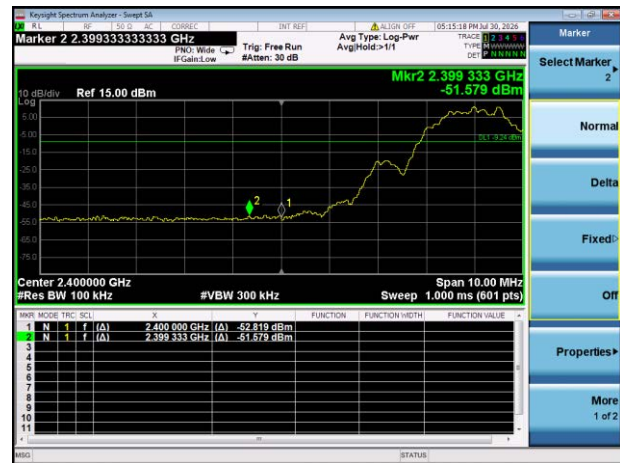
GFSK (BLE 1Mbps) HIGH CHANNEL, BAND EDGE



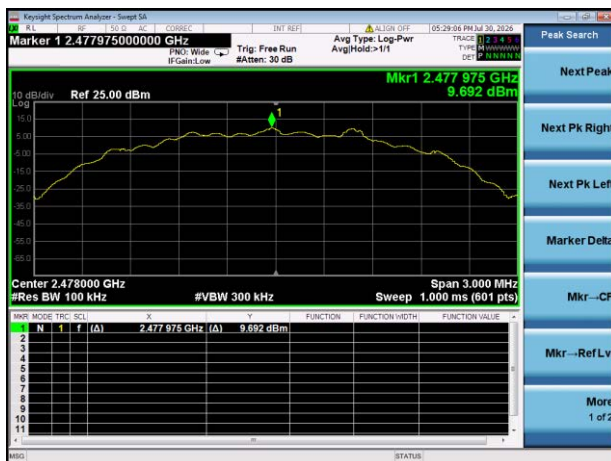
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



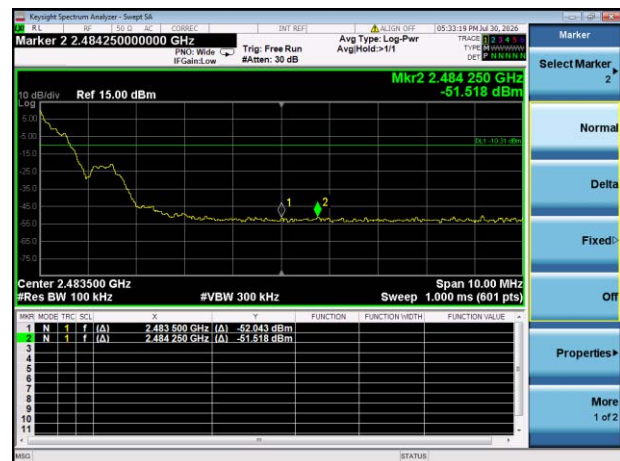
GFSK (BLE 2Mbps) LOW CHANNEL, BAND EDGE



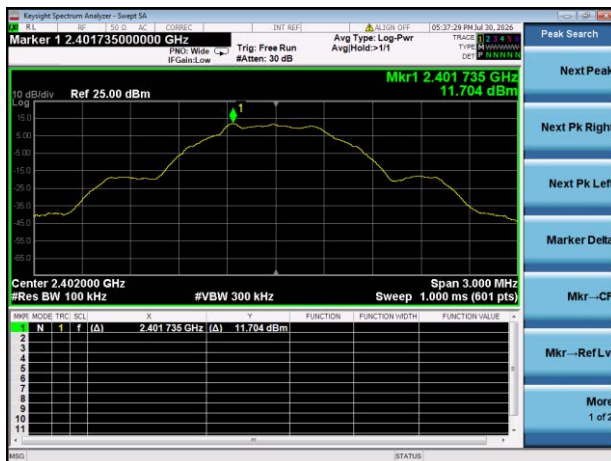
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



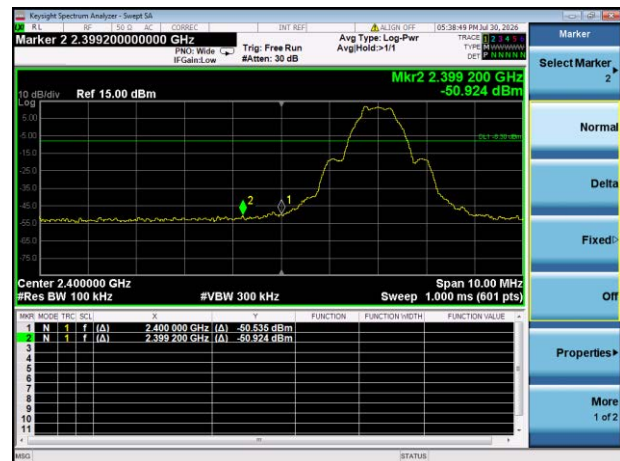
GFSK (BLE 2Mbps) HIGH CHANNEL, BAND EDGE



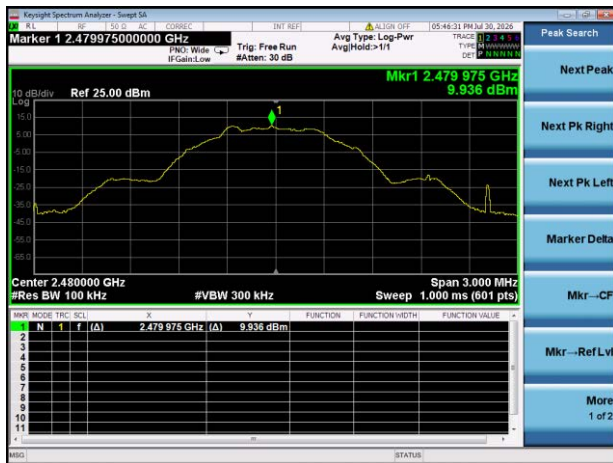
GFSK (BLE 500K LOW CHANNEL, CARRIER LEVEL



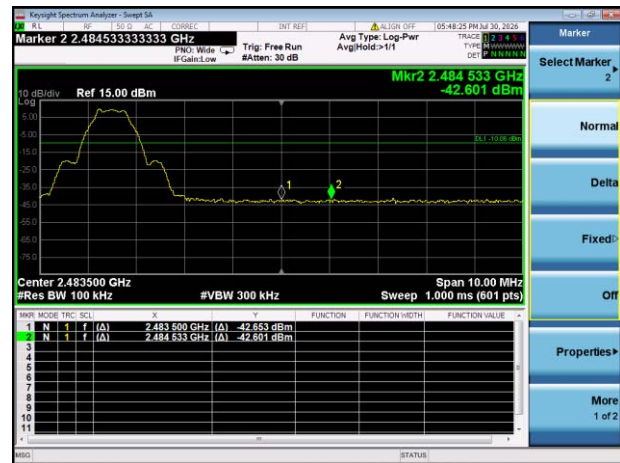
GFSK (BLE 500Kbps) LOW CHANNEL, BAND EDGE



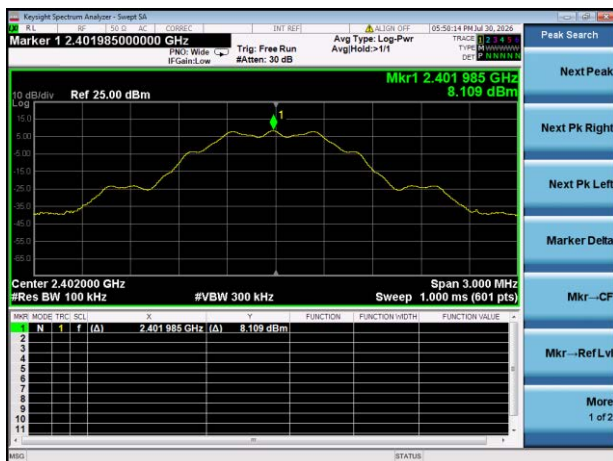
GFSK (BLE 500Kbps) HIGH CHANNEL, CARRIER LEVEL



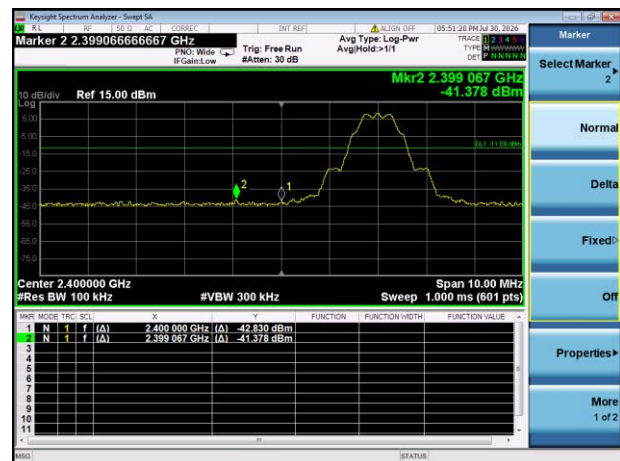
GFSK (BLE 500Kbps) HIGH CHANNEL, BAND EDGE



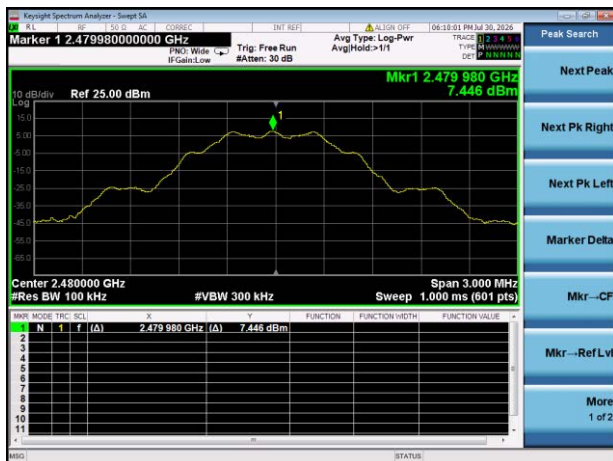
GFSK (BLE 125Kbps) LOW CHANNEL, CARRIER LEVEL



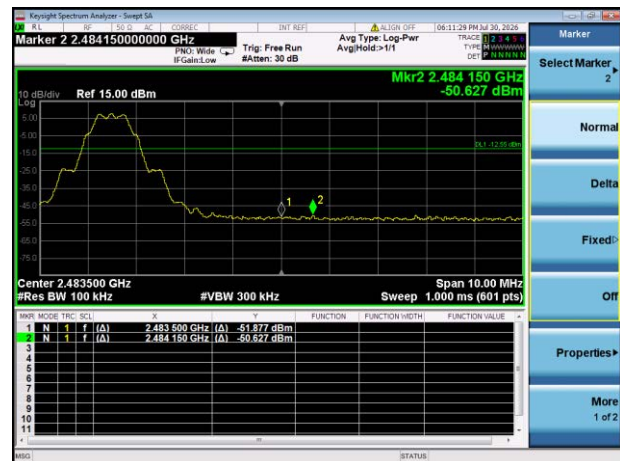
GFSK (BLE 125Kbps) LOW CHANNEL, BAND EDGE



GFSK (BLE 125Kbps) HIGH CHANNEL, CARRIER LEVEL



GFSK (BLE 125Kbps) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emission

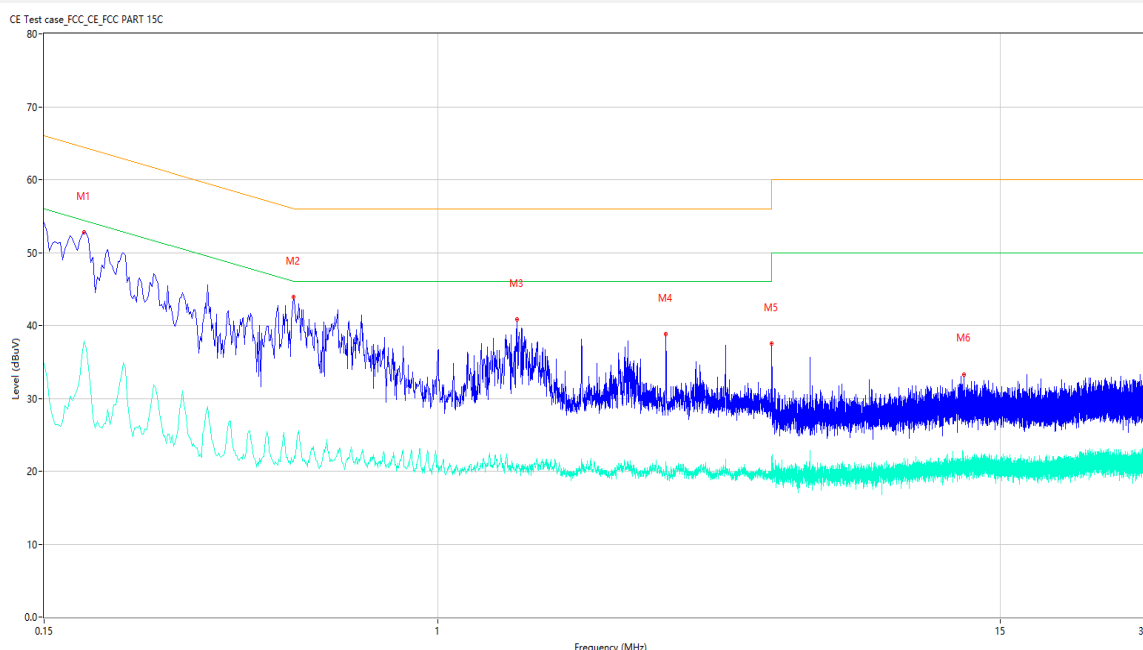
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

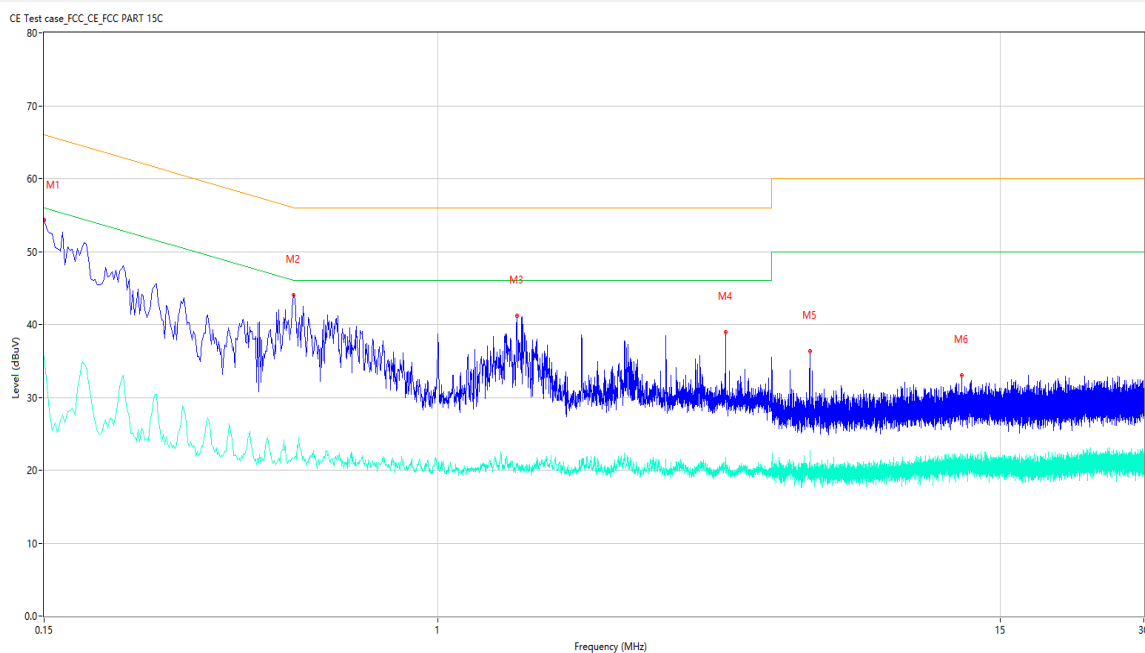
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	52.78	9.91	64.39	11.61	Peak	L	Pass
1**	0.182	37.92	9.91	54.39	16.47	AV	L	Pass
2	0.498	43.88	9.94	56.03	12.15	Peak	L	Pass
2**	0.498	21.35	9.94	46.03	24.68	AV	L	Pass
3	1.462	40.83	10.02	56.00	15.17	Peak	L	Pass
3**	1.462	20.81	10.02	46.00	25.19	AV	L	Pass
4	3.000	38.80	10.13	56.00	17.20	Peak	L	Pass
4**	3.000	21.33	10.13	46.00	24.67	AV	L	Pass
5	5.000	37.49	10.18	60.00	22.51	Peak	L	Pass
5**	5.000	21.96	10.18	50.00	28.04	AV	L	Pass
6	12.602	33.28	10.76	60.00	26.72	Peak	L	Pass
6**	12.602	21.46	10.76	50.00	28.54	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	54.37	10.00	66.00	11.63	Peak	N	Pass
1**	0.150	35.66	10.00	56.00	20.34	AV	N	Pass
2	0.498	43.99	9.99	56.03	12.04	Peak	N	Pass
2**	0.498	21.60	9.99	46.03	24.43	AV	N	Pass
3	1.462	41.20	10.03	56.00	14.80	Peak	N	Pass
3**	1.462	20.89	10.03	46.00	25.11	AV	N	Pass
4	4.000	38.89	10.14	56.00	17.11	Peak	N	Pass
4**	4.000	21.75	10.14	46.00	24.25	AV	N	Pass
5	6.000	36.28	10.27	60.00	23.72	Peak	N	Pass
5**	6.000	22.74	10.27	50.00	27.26	AV	N	Pass
6	12.458	33.04	10.75	60.00	26.96	Peak	N	Pass
6**	12.458	21.06	10.75	50.00	28.94	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, 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.

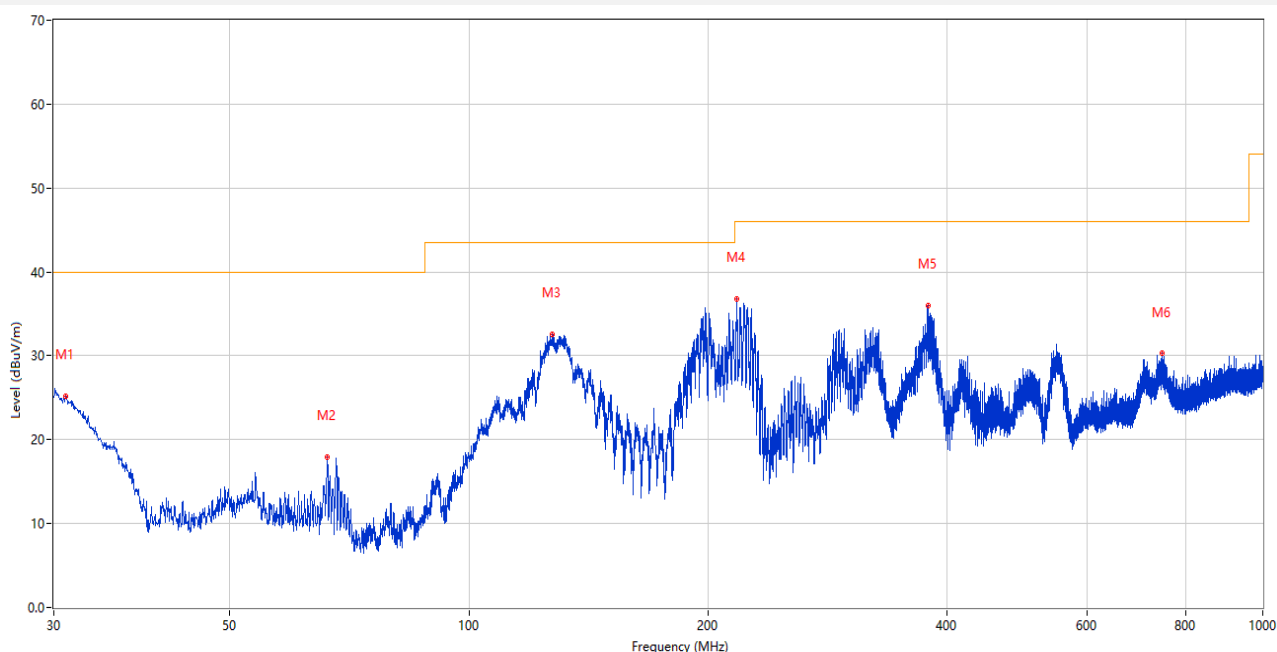
Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested.

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

Test Data and Plots

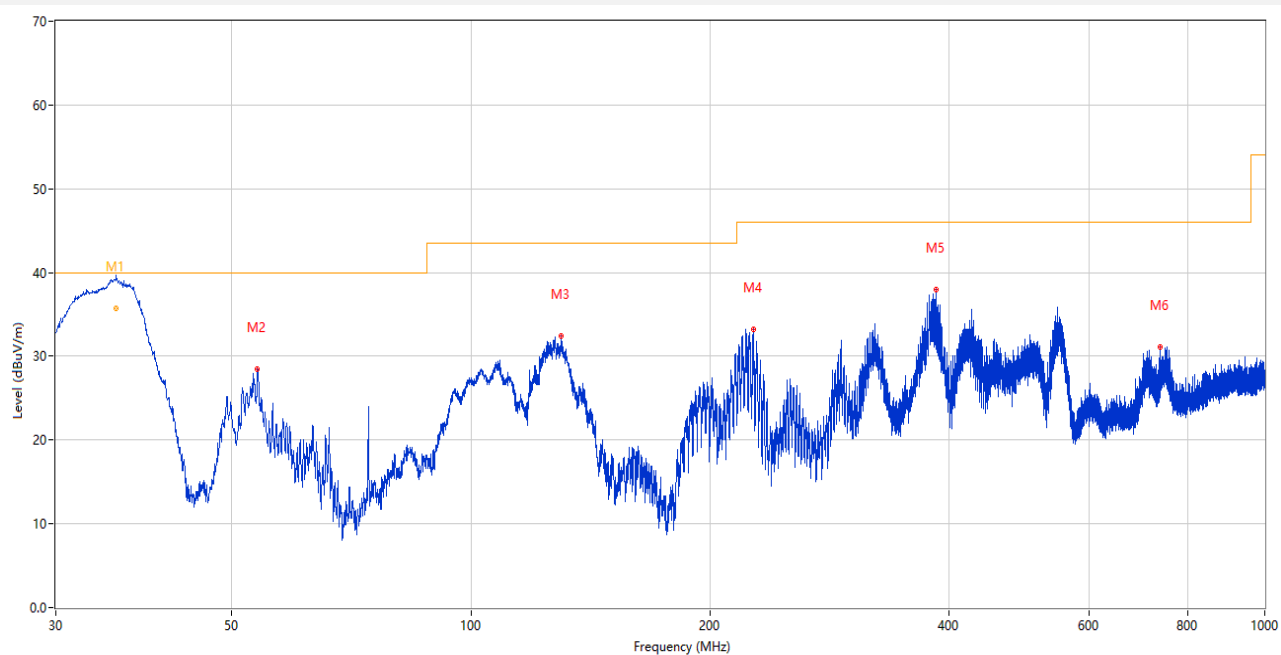
Main Antenna

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	31.067	25.18	-29.18	40.0	14.82	Peak	0.00	100	Horizontal	Pass
2	66.326	17.97	-27.91	40.0	22.03	Peak	0.00	100	Horizontal	Pass
3	127.194	32.59	-29.07	43.5	10.91	Peak	256.00	200	Horizontal	Pass
4	217.452	36.75	-26.23	46.0	9.25	Peak	206.00	200	Horizontal	Pass
5	378.424	36.01	-21.43	46.0	9.99	Peak	90.00	100	Horizontal	Pass
6	747.024	30.26	-12.57	46.0	15.74	Peak	356.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

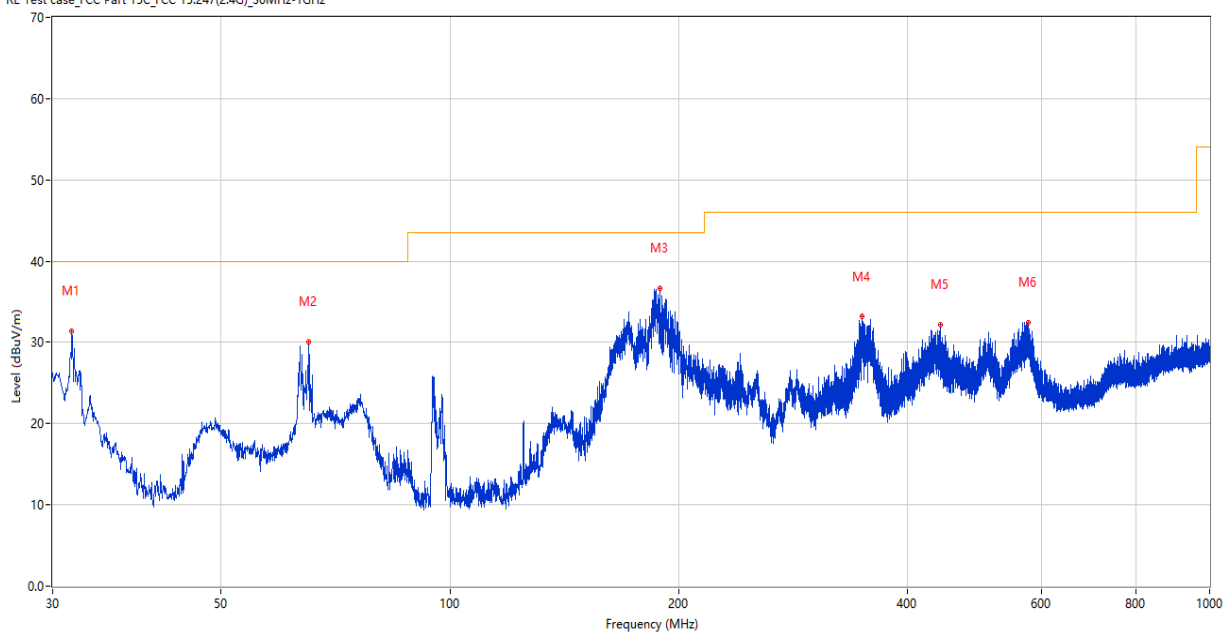


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.772	39.63	-27.56	40.0	0.37	Peak	68.00	100	Vertical	Pass
1*	35.772	35.69	-27.56	40.0	4.31	QP	68.00	100	Vertical	Pass
2	53.862	28.43	-25.06	40.0	11.57	Peak	173.00	200	Vertical	Pass
3	129.958	32.42	-29.28	43.5	11.08	Peak	309.00	100	Vertical	Pass
4	227.007	33.20	-25.46	46.0	12.80	Peak	4.00	200	Vertical	Pass
5	385.263	37.93	-21.19	46.0	8.07	Peak	228.00	100	Vertical	Pass
6	738.537	31.11	-12.76	46.0	14.89	Peak	118.00	100	Vertical	Pass

Aux. Antenna

30 MHz to 1 GHz, ANT H

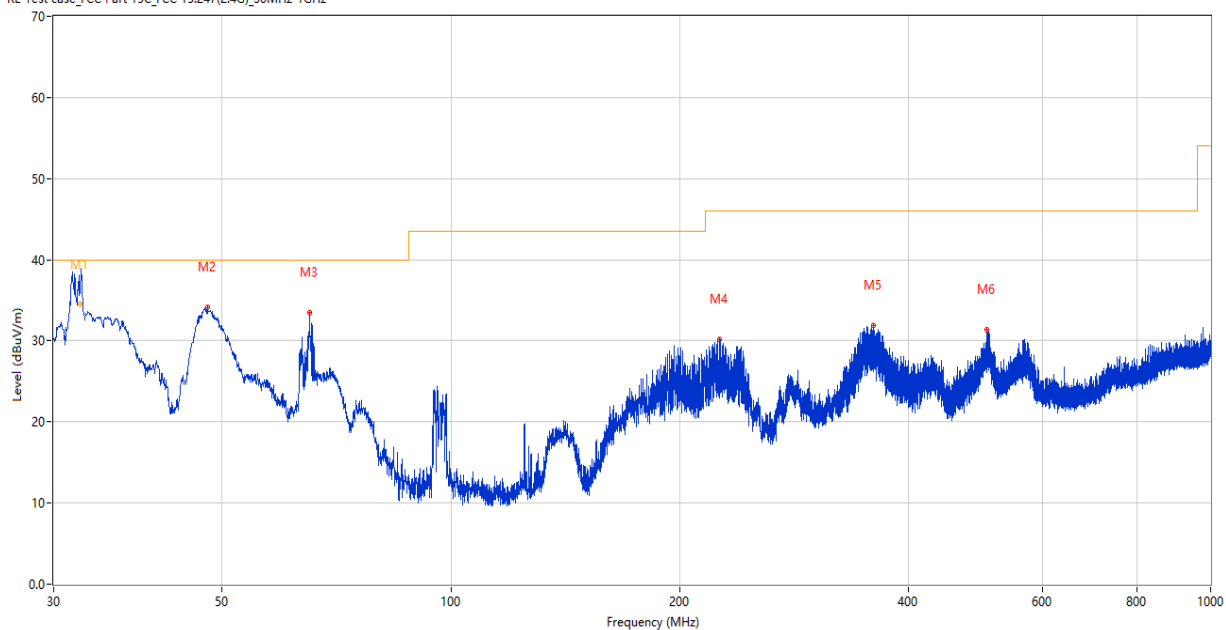
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.794	31.39	-28.85	40.0	8.61	Peak	0.00	100	Horizontal	Pass
2	65.162	30.05	-27.41	40.0	9.95	Peak	340.00	200	Horizontal	Pass
3	188.983	36.61	-26.55	43.5	6.89	Peak	69.00	100	Horizontal	Pass
4	348.306	33.16	-21.40	46.0	12.84	Peak	76.00	100	Horizontal	Pass
5	442.008	32.12	-19.63	46.0	13.88	Peak	129.00	200	Horizontal	Pass
6	576.546	32.44	-16.38	46.0	13.56	Peak	131.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



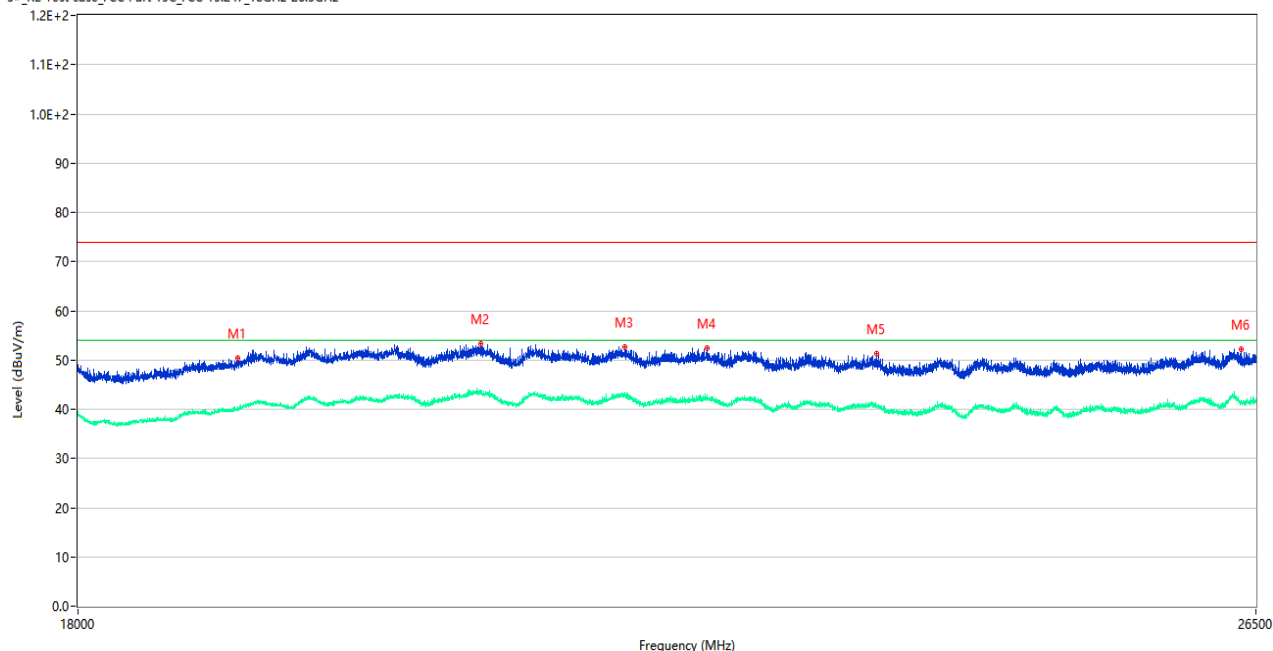
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.539	41.27	-28.54	40.0	-1.27	Peak	114.00	113	Vertical	N/A
1*	32.539	34.60	-28.54	40.0	5.40	QP	114.00	113	Vertical	Pass
2	47.800	34.14	-24.54	40.0	5.86	Peak	204.00	100	Vertical	Pass
3	65.162	33.47	-27.41	40.0	6.53	Peak	282.00	100	Vertical	Pass
4	225.552	30.15	-25.35	46.0	15.85	Peak	168.00	100	Vertical	Pass
5	359.897	31.91	-21.84	46.0	14.09	Peak	17.00	100	Vertical	Pass
6	507.289	31.32	-17.82	46.0	14.68	Peak	44.00	200	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-26.5GHz is noise only, the plots below is an example, the other results are not show on the report.

Noise floor 18 GHz to 26.5 GHz, ANT H

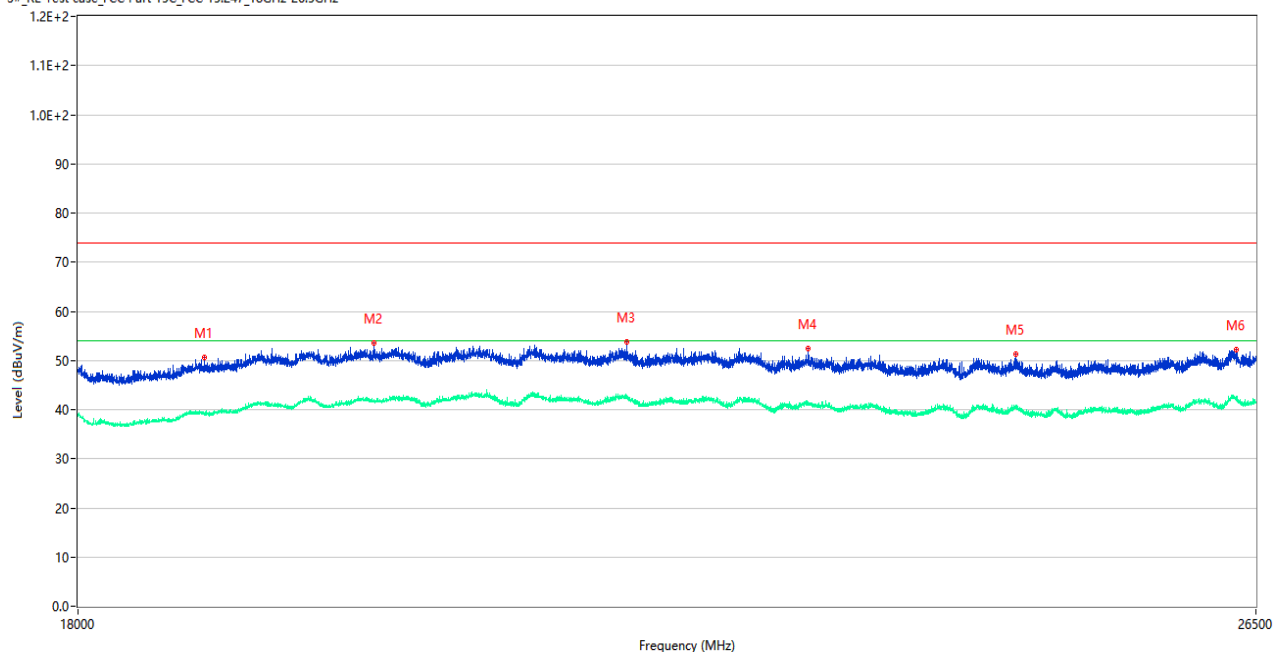
3#_RE Test case_FCC Part 15C_FCC 15.247_18GHz-26.5GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	18971.001	50.37	-1.51	74.0	23.63	Peak	359.94	150	Horizontal	Pass
1**	18971.001	39.87	-1.51	54.0	14.13	AV	359.94	150	Horizontal	Pass
2	20546.001	53.23	-2.44	74.0	20.77	Peak	324.97	150	Horizontal	Pass
2**	20546.001	43.28	-2.44	54.0	10.72	AV	324.97	150	Horizontal	Pass
3	21539.000	52.65	-2.04	74.0	21.35	Peak	60.07	150	Horizontal	Pass
3**	21539.000	42.75	-2.04	54.0	11.25	AV	60.07	150	Horizontal	Pass
4	22129.000	52.34	-1.29	74.0	21.66	Peak	18.99	150	Horizontal	Pass
4**	22129.000	42.92	-1.29	54.0	11.08	AV	18.99	150	Horizontal	Pass
5	23399.000	51.23	-0.29	74.0	22.77	Peak	172.99	150	Horizontal	Pass
5**	23399.000	40.25	-0.29	54.0	13.75	AV	172.99	150	Horizontal	Pass
6	26374.001	52.19	1.86	74.0	21.81	Peak	295.93	150	Horizontal	Pass
6**	26374.001	41.29	1.86	54.0	12.71	AV	295.93	150	Horizontal	Pass

Noise floor 18 GHz to 26.5 GHz, ANT V

3#_RE Test case_FCC Part 15C_FCC 15.247_18GHz-26.5GHz

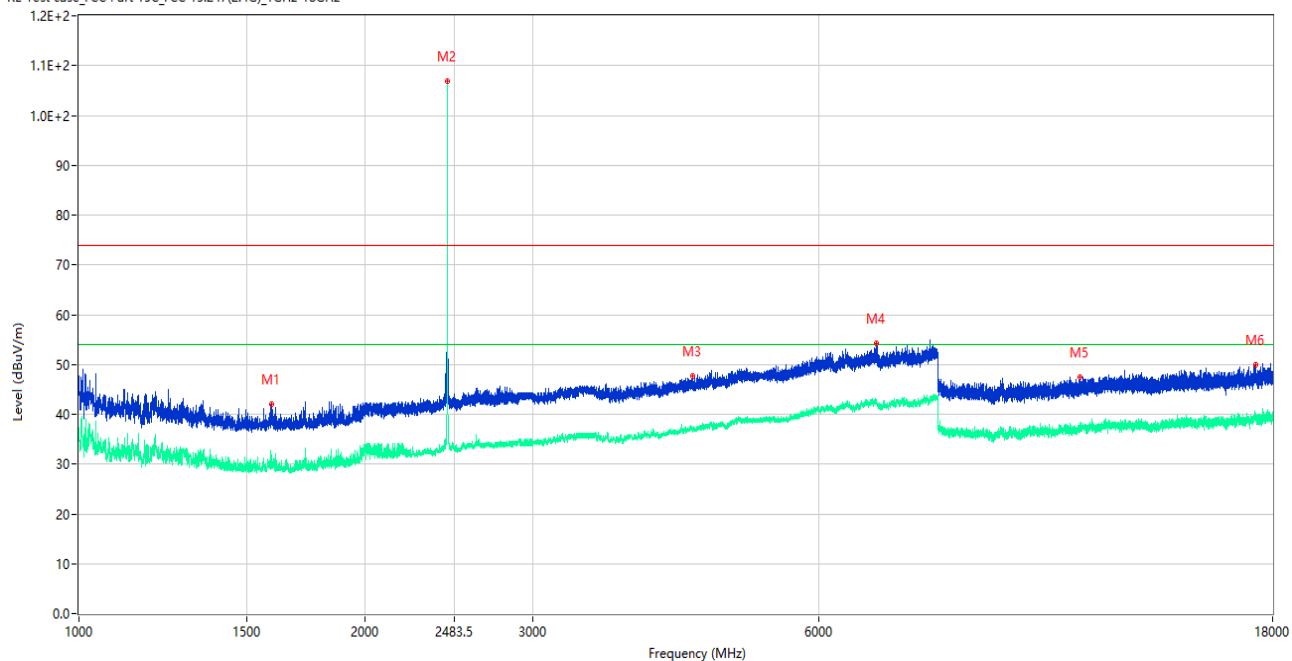


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	18763.000	50.52	-1.82	74.0	23.48	Peak	125.98	150	Vertical	Pass
1**	18763.000	39.43	-1.82	54.0	14.57	AV	125.98	150	Vertical	Pass
2	19836.000	53.53	-1.67	74.0	20.47	Peak	1.09	150	Vertical	Pass
2**	19836.000	41.67	-1.67	54.0	12.33	AV	1.09	150	Vertical	Pass
3	21556.001	53.69	-2.04	74.0	20.31	Peak	237.96	150	Vertical	Pass
3**	21556.001	42.51	-2.04	54.0	11.49	AV	237.96	150	Vertical	Pass
4	22873.999	52.33	-0.98	74.0	21.67	Peak	39.06	150	Vertical	Pass
4**	22873.999	40.98	-0.98	54.0	13.02	AV	39.06	150	Vertical	Pass
5	24491.999	51.28	-0.13	74.0	22.72	Peak	262.98	150	Vertical	Pass
5**	24491.999	40.39	-0.13	54.0	13.61	AV	262.98	150	Vertical	Pass
6	26331.001	52.10	1.99	74.0	21.90	Peak	7.05	150	Vertical	Pass
6**	26331.001	42.09	1.99	54.0	11.91	AV	7.05	150	Vertical	Pass

Main Antenna

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

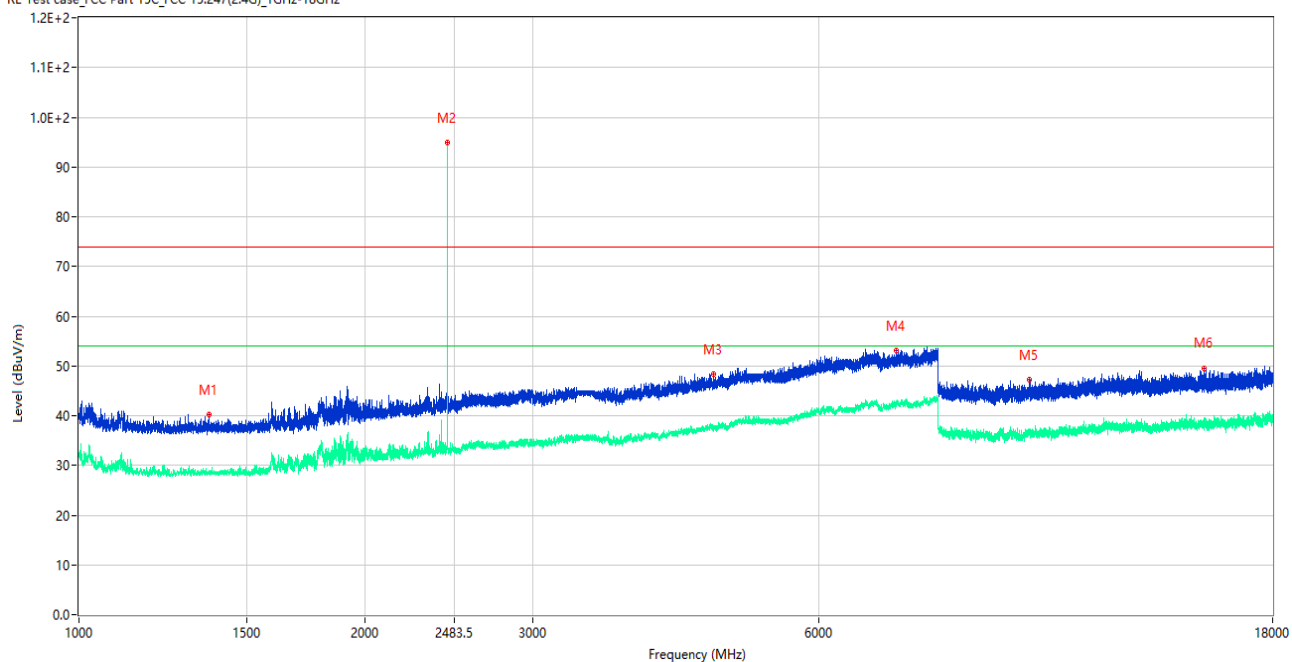
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.000	42.11	-16.21	74.0	31.89	Peak	174.00	150	Horizontal	Pass
1**	1594.000	30.42	-16.21	54.0	23.58	AV	174.00	150	Horizontal	Pass
2	2440.250	106.94	-12.37	74.0	-32.94	Peak	19.00	150	Horizontal	N/A
2**	2440.250	106.29	-12.37	54.0	-52.29	AV	19.00	150	Horizontal	N/A
3	4418.000	47.58	-2.83	74.0	26.42	Peak	200.00	150	Horizontal	Pass
3**	4418.000	36.72	-2.83	54.0	17.28	AV	200.00	150	Horizontal	Pass
4	6892.500	54.17	0.58	74.0	19.83	Peak	291.00	150	Horizontal	Pass
4**	6892.500	42.50	0.58	54.0	11.50	AV	291.00	150	Horizontal	Pass
5	11277.000	47.42	-4.12	74.0	26.58	Peak	68.00	150	Horizontal	Pass
5**	11277.000	37.02	-4.12	54.0	16.98	AV	68.00	150	Horizontal	Pass
6	17276.500	49.92	-0.91	74.0	24.08	Peak	154.00	150	Horizontal	Pass
6**	17276.500	39.70	-0.91	54.0	14.30	AV	154.00	150	Horizontal	Pass

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

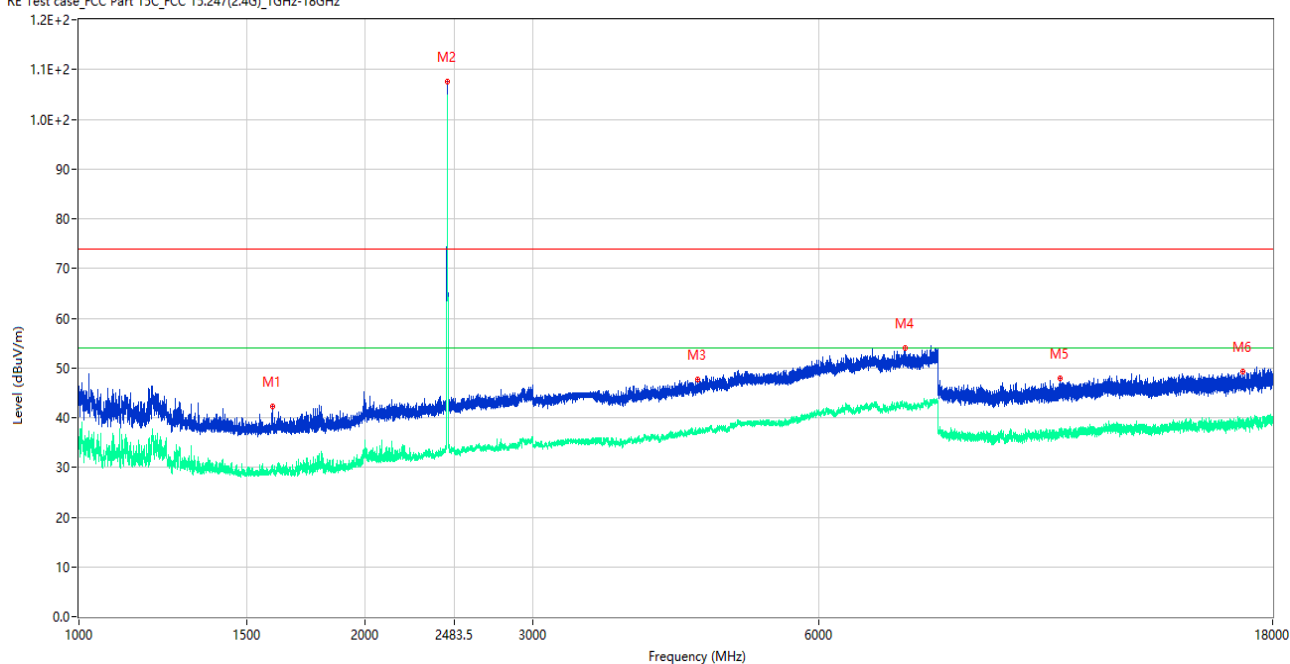
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1370.000	40.17	-15.92	74.0	33.83	Peak	60.00	150	Vertical	Pass
1**	1370.000	28.45	-15.92	54.0	25.55	AV	60.00	150	Vertical	Pass
2	2440.250	94.95	-12.37	74.0	-20.95	Peak	13.00	150	Vertical	N/A
2**	2440.250	94.37	-12.37	54.0	-40.37	AV	13.00	150	Vertical	N/A
3	4644.000	48.39	-3.18	74.0	25.61	Peak	274.00	150	Vertical	Pass
3**	4644.000	37.52	-3.18	54.0	16.48	AV	274.00	150	Vertical	Pass
4	7242.000	53.20	0.93	74.0	20.80	Peak	234.00	150	Vertical	Pass
4**	7242.000	42.41	0.93	54.0	11.59	AV	234.00	150	Vertical	Pass
5	9977.500	47.22	-3.72	74.0	26.78	Peak	1.00	150	Vertical	Pass
5**	9977.500	36.36	-3.72	54.0	17.64	AV	1.00	150	Vertical	Pass
6	15257.000	49.58	-1.11	74.0	24.42	Peak	1.00	150	Vertical	Pass
6**	15257.000	38.72	-1.11	54.0	15.28	AV	1.00	150	Vertical	Pass

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

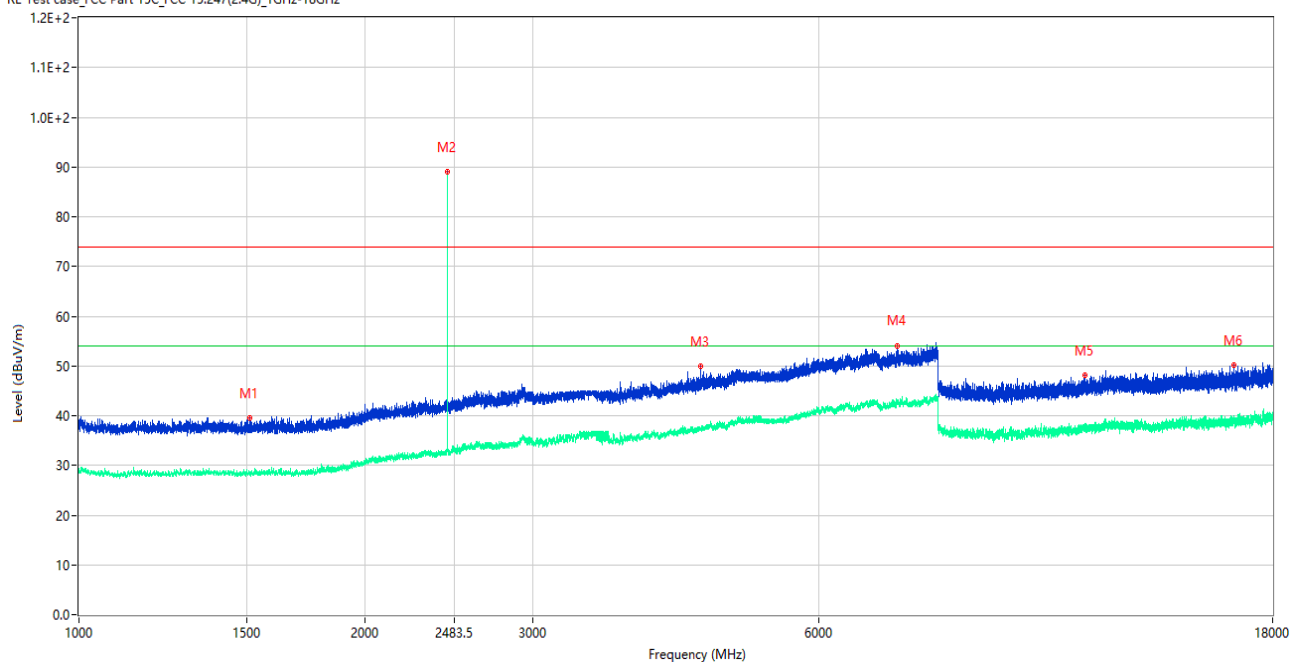
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.250	42.24	-16.24	74.0	31.76	Peak	156.00	150	Horizontal	Pass
1**	1599.250	30.16	-16.24	54.0	23.84	AV	156.00	150	Horizontal	Pass
2	2440.500	107.56	-12.38	74.0	-33.56	Peak	47.00	150	Horizontal	N/A
2**	2440.500	103.87	-12.38	54.0	-49.87	AV	47.00	150	Horizontal	N/A
3	4474.500	47.72	-3.77	74.0	26.28	Peak	149.00	150	Horizontal	Pass
3**	4474.500	37.21	-3.77	54.0	16.79	AV	149.00	150	Horizontal	Pass
4	7387.000	54.06	0.72	74.0	19.94	Peak	0.00	150	Horizontal	Pass
4**	7387.000	42.44	0.72	54.0	11.56	AV	0.00	150	Horizontal	Pass
5	10750.500	47.82	-3.36	74.0	26.18	Peak	0.00	150	Horizontal	Pass
5**	10750.500	36.82	-3.36	54.0	17.18	AV	0.00	150	Horizontal	Pass
6	16731.000	49.19	-1.62	74.0	24.81	Peak	148.00	150	Horizontal	Pass
6**	16731.000	39.01	-1.62	54.0	14.99	AV	148.00	150	Horizontal	Pass

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

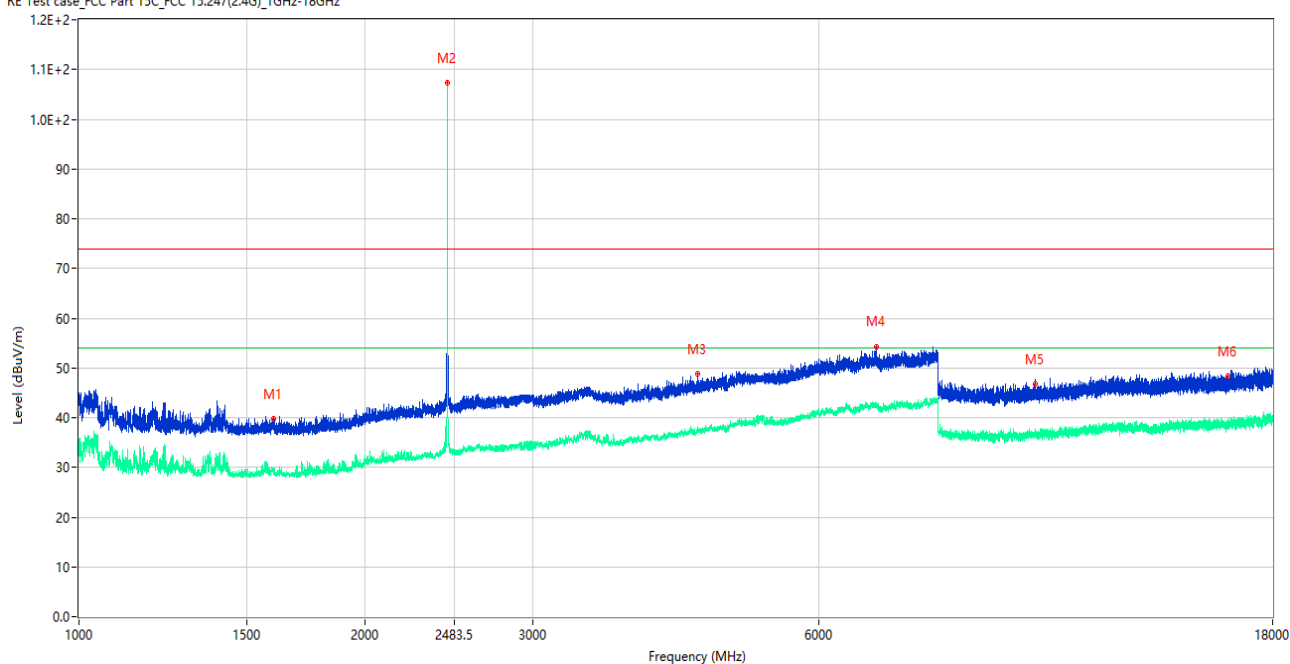
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.750	39.58	-16.07	74.0	34.42	Peak	360.00	150	Vertical	Pass
1**	1510.750	28.56	-16.07	54.0	25.44	AV	360.00	150	Vertical	Pass
2	2440.000	88.96	-12.37	74.0	-14.96	Peak	83.00	150	Vertical	N/A
2**	2440.000	87.69	-12.37	54.0	-33.69	AV	83.00	150	Vertical	N/A
3	4506.000	50.01	-3.30	74.0	23.99	Peak	300.00	150	Vertical	Pass
3**	4506.000	37.31	-3.30	54.0	16.69	AV	300.00	150	Vertical	Pass
4	7253.500	53.99	0.79	74.0	20.01	Peak	288.00	150	Vertical	Pass
4**	7253.500	42.54	0.79	54.0	11.46	AV	288.00	150	Vertical	Pass
5	11431.500	48.21	-3.24	74.0	25.79	Peak	149.00	150	Vertical	Pass
5**	11431.500	36.96	-3.24	54.0	17.04	AV	149.00	150	Vertical	Pass
6	16407.000	50.19	-1.81	74.0	23.81	Peak	292.00	150	Vertical	Pass
6**	16407.000	39.10	-1.81	54.0	14.90	AV	292.00	150	Vertical	Pass

GFSK (BLE 500Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

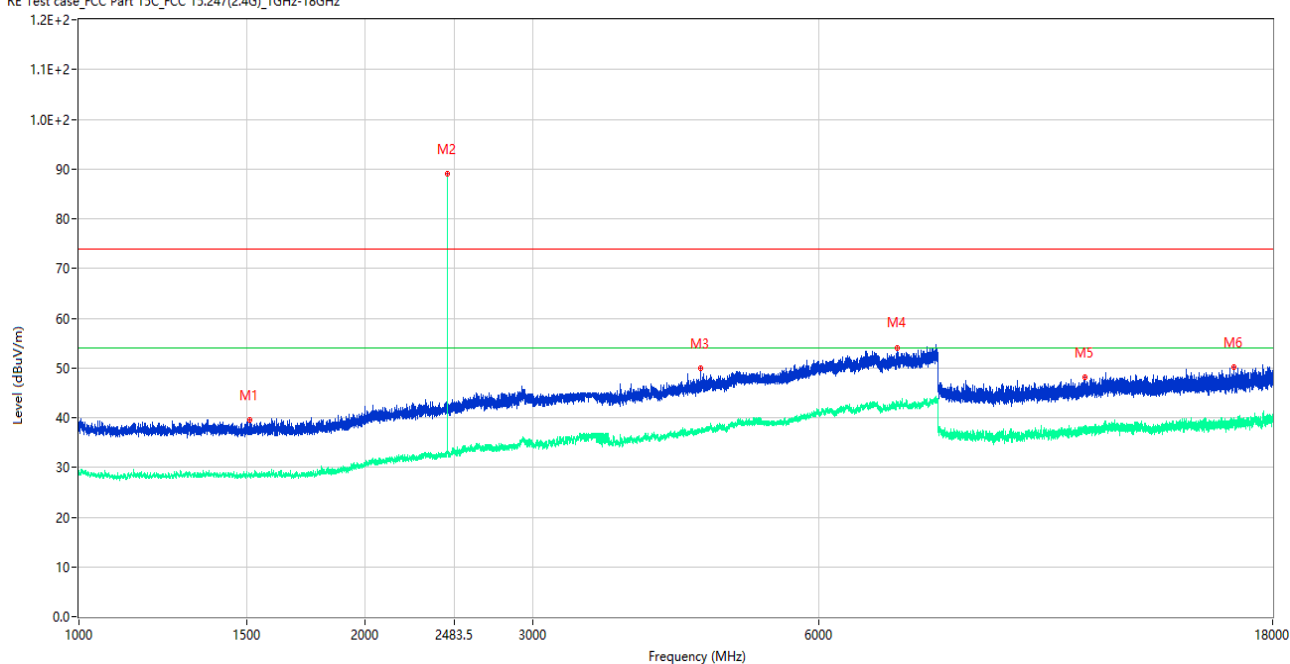
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.750	39.85	-16.23	74.0	34.15	Peak	0.00	150	Horizontal	Pass
1**	1600.750	29.15	-16.23	54.0	24.85	AV	0.00	150	Horizontal	Pass
2	2440.250	107.34	-12.37	74.0	-33.34	Peak	17.00	150	Horizontal	N/A
2**	2440.250	106.72	-12.37	54.0	-52.72	AV	17.00	150	Horizontal	N/A
3	4477.500	48.90	-3.73	74.0	25.10	Peak	182.00	150	Horizontal	Pass
3**	4477.500	37.18	-3.73	54.0	16.82	AV	182.00	150	Horizontal	Pass
4	6900.000	54.33	0.64	74.0	19.67	Peak	17.00	150	Horizontal	Pass
4**	6900.000	42.66	0.64	54.0	11.34	AV	17.00	150	Horizontal	Pass
5	10121.000	46.74	-4.03	74.0	27.26	Peak	0.00	150	Horizontal	Pass
5**	10121.000	36.44	-4.03	54.0	17.56	AV	0.00	150	Horizontal	Pass
6	16143.000	48.25	-1.48	74.0	25.75	Peak	0.00	150	Horizontal	Pass
6**	16143.000	38.06	-1.48	54.0	15.94	AV	0.00	150	Horizontal	Pass

GFSK (BLE 500Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

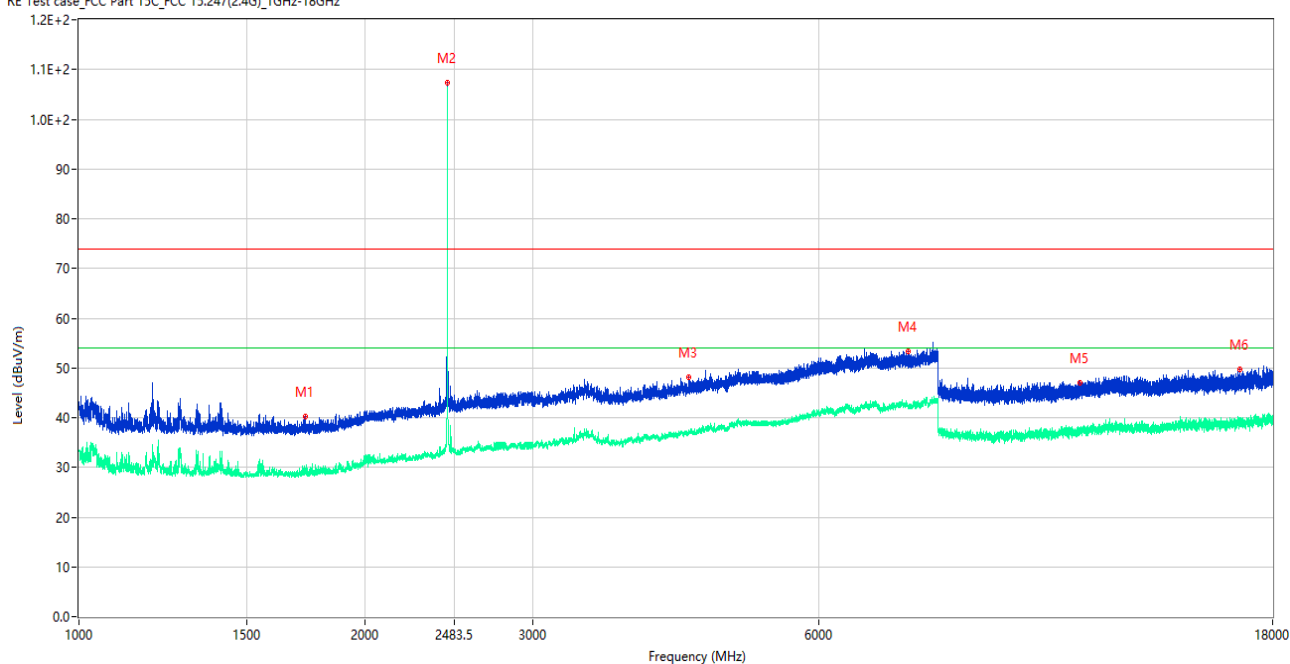
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.750	39.58	-16.07	74.0	34.42	Peak	360.00	150	Vertical	Pass
1**	1510.750	28.56	-16.07	54.0	25.44	AV	360.00	150	Vertical	Pass
2	2440.000	88.96	-12.37	74.0	-14.96	Peak	83.00	150	Vertical	N/A
2**	2440.000	87.69	-12.37	54.0	-33.69	AV	83.00	150	Vertical	N/A
3	4506.000	50.01	-3.30	74.0	23.99	Peak	300.00	150	Vertical	Pass
3**	4506.000	37.31	-3.30	54.0	16.69	AV	300.00	150	Vertical	Pass
4	7253.500	53.99	0.79	74.0	20.01	Peak	288.00	150	Vertical	Pass
4**	7253.500	42.54	0.79	54.0	11.46	AV	288.00	150	Vertical	Pass
5	11431.500	48.21	-3.24	74.0	25.79	Peak	149.00	150	Vertical	Pass
5**	11431.500	36.96	-3.24	54.0	17.04	AV	149.00	150	Vertical	Pass
6	16407.000	50.19	-1.81	74.0	23.81	Peak	292.00	150	Vertical	Pass
6**	16407.000	39.10	-1.81	54.0	14.90	AV	292.00	150	Vertical	Pass

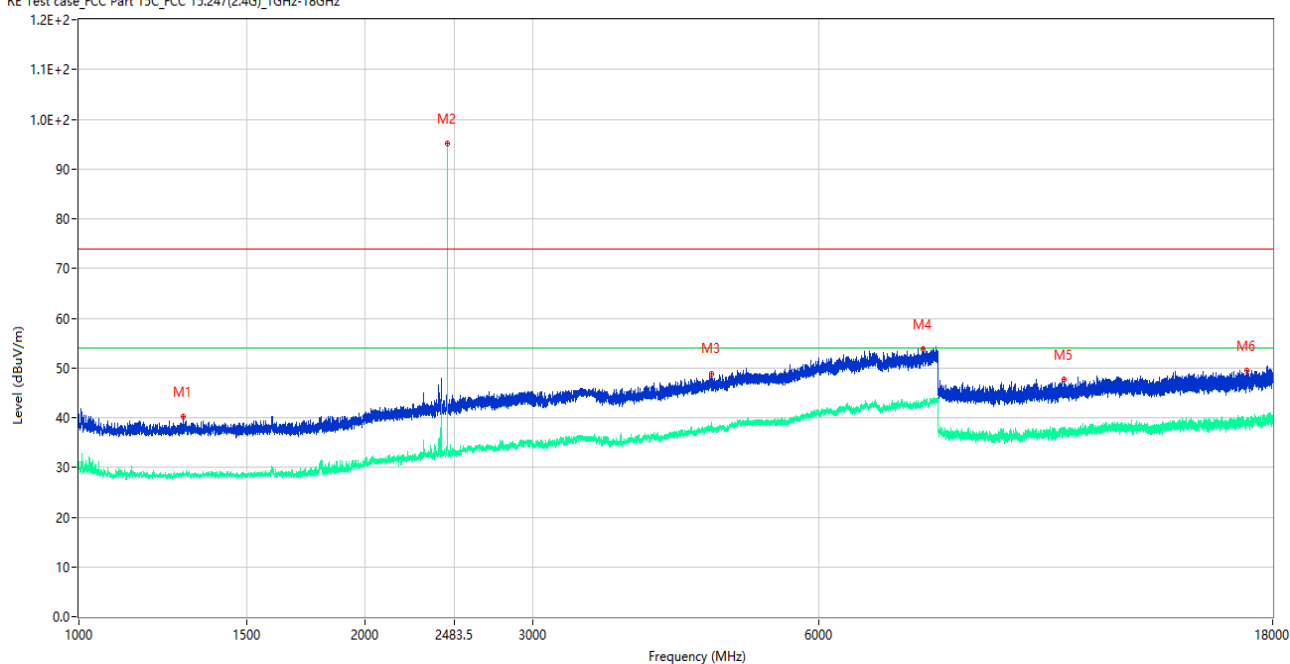
GFSK (BLE 125Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

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	1732.000	40.14	-16.21	74.0	33.86	Peak	165.00	150	Horizontal	Pass
1**	1732.000	29.17	-16.21	54.0	24.83	AV	165.00	150	Horizontal	Pass
2	2439.750	107.26	-12.37	74.0	-33.26	Peak	25.00	150	Horizontal	N/A
2**	2439.750	104.13	-12.37	54.0	-50.13	AV	25.00	150	Horizontal	N/A
3	4374.500	48.06	-3.35	74.0	25.94	Peak	20.00	150	Horizontal	Pass
3**	4374.500	37.05	-3.35	54.0	16.95	AV	20.00	150	Horizontal	Pass
4	7453.000	53.35	0.89	74.0	20.65	Peak	0.00	150	Horizontal	Pass
4**	7453.000	42.50	0.89	54.0	11.50	AV	0.00	150	Horizontal	Pass
5	11291.000	47.04	-4.11	74.0	26.96	Peak	360.00	150	Horizontal	Pass
5**	11291.000	36.64	-4.11	54.0	17.36	AV	360.00	150	Horizontal	Pass
6	16638.000	49.75	-1.03	74.0	24.25	Peak	360.00	150	Horizontal	Pass
6**	16638.000	38.46	-1.03	54.0	15.54	AV	360.00	150	Horizontal	Pass

RE Test case FCC Part 15C FCC 15.247(2.4G) 1GHz-18GHz

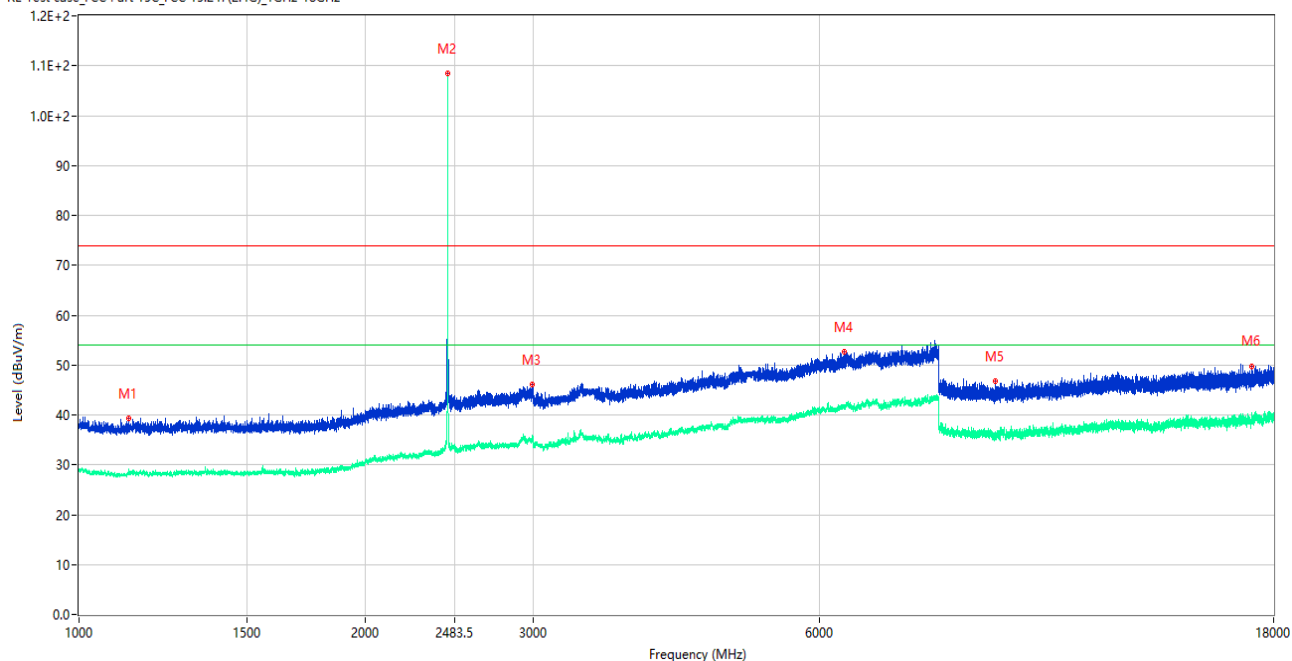


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1286.000	40.27	-15.93	74.0	33.73	Peak	22.00	150	Vertical	Pass
1**	1286.000	28.25	-15.93	54.0	25.75	AV	22.00	150	Vertical	Pass
2	2440.250	95.18	-12.37	74.0	-21.18	Peak	10.00	150	Vertical	N/A
2**	2440.250	94.37	-12.37	54.0	-40.37	AV	10.00	150	Vertical	N/A
3	4631.000	48.90	-2.68	74.0	25.10	Peak	302.00	150	Vertical	Pass
3**	4631.000	37.74	-2.68	54.0	16.26	AV	302.00	150	Vertical	Pass
4	7729.000	53.78	0.86	74.0	20.22	Peak	34.00	150	Vertical	Pass
4**	7729.000	42.69	0.86	54.0	11.31	AV	34.00	150	Vertical	Pass
5	10874.500	47.76	-3.25	74.0	26.24	Peak	243.00	150	Vertical	Pass
5**	10874.500	37.21	-3.25	54.0	16.79	AV	243.00	150	Vertical	Pass
6	16906.500	49.52	-0.76	74.0	24.48	Peak	272.00	150	Vertical	Pass
6**	16906.500	38.97	-0.76	54.0	15.03	AV	272.00	150	Vertical	Pass

Aux. Antenna

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

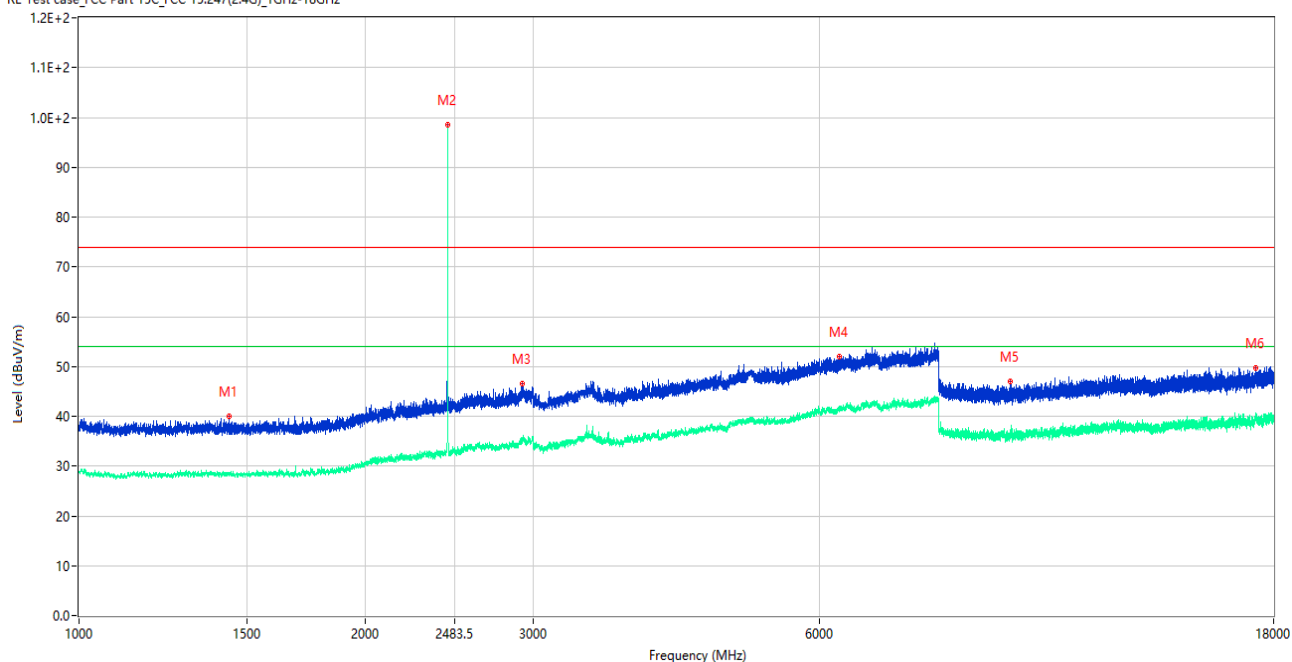
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1127.500	39.33	-15.59	74.0	34.67	Peak	276.00	150	Horizontal	Pass
1**	1127.500	28.04	-15.59	54.0	25.96	AV	276.00	150	Horizontal	Pass
2	2440.250	108.52	-12.37	74.0	-34.52	Peak	206.00	150	Horizontal	N/A
2**	2440.250	107.81	-12.37	54.0	-53.81	AV	206.00	150	Horizontal	N/A
3	2990.500	46.02	-9.16	74.0	27.98	Peak	281.00	150	Horizontal	Pass
3**	2990.500	34.88	-9.16	54.0	19.12	AV	281.00	150	Horizontal	Pass
4	6374.000	52.65	-0.27	74.0	21.35	Peak	133.00	150	Horizontal	Pass
4**	6374.000	41.23	-0.27	54.0	12.77	AV	133.00	150	Horizontal	Pass
5	9184.500	46.67	-5.35	74.0	27.33	Peak	0.00	150	Horizontal	Pass
5**	9184.500	35.50	-5.35	54.0	18.50	AV	0.00	150	Horizontal	Pass
6	17068.000	49.81	-0.90	74.0	24.19	Peak	39.00	150	Horizontal	Pass
6**	17068.000	39.04	-0.90	54.0	14.96	AV	39.00	150	Horizontal	Pass

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

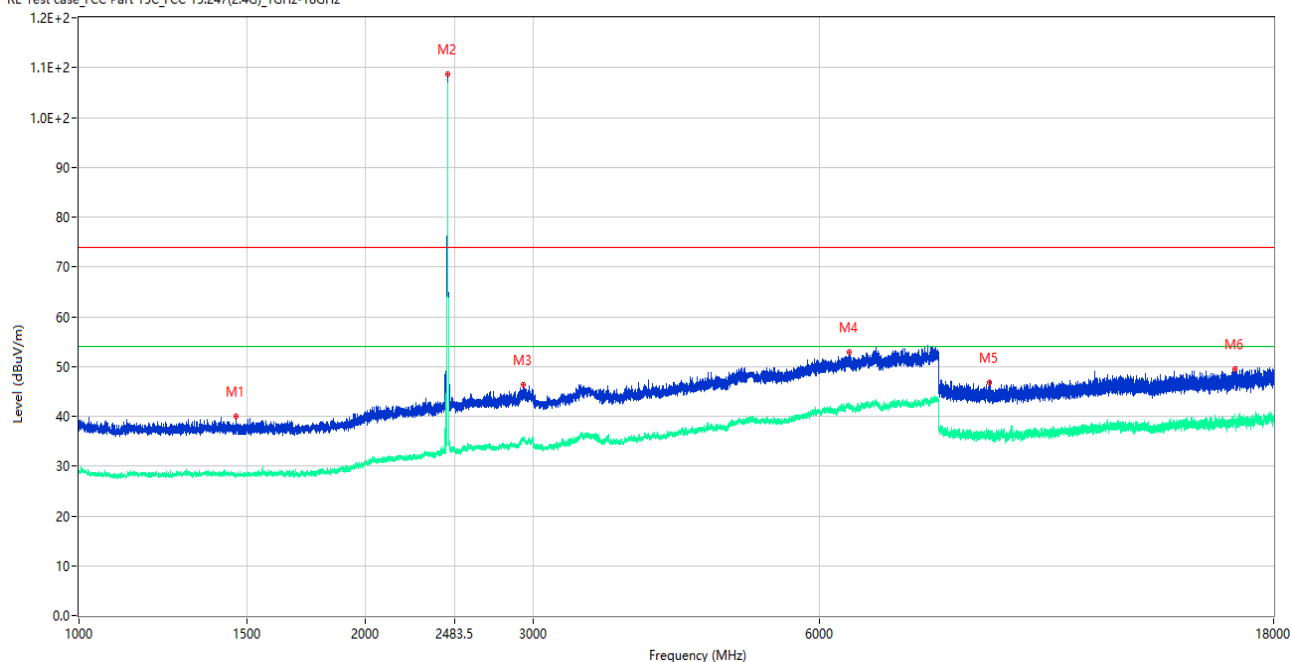
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.250	40.07	-15.96	74.0	33.93	Peak	231.00	150	Vertical	Pass
1**	1436.250	28.67	-15.96	54.0	25.33	AV	231.00	150	Vertical	Pass
2	2440.250	98.54	-12.37	74.0	-24.54	Peak	127.00	150	Vertical	N/A
2**	2440.250	97.76	-12.37	54.0	-43.76	AV	127.00	150	Vertical	N/A
3	2924.500	46.52	-8.24	74.0	27.48	Peak	161.00	150	Vertical	Pass
3**	2924.500	35.61	-8.24	54.0	18.39	AV	161.00	150	Vertical	Pass
4	6294.000	51.97	-0.25	74.0	22.03	Peak	12.00	150	Vertical	Pass
4**	6294.000	41.32	-0.25	54.0	12.68	AV	12.00	150	Vertical	Pass
5	9521.500	46.95	-2.88	74.0	27.05	Peak	350.00	150	Vertical	Pass
5**	9521.500	36.03	-2.88	54.0	17.97	AV	350.00	150	Vertical	Pass
6	17250.501	49.75	-0.59	74.0	24.25	Peak	265.00	150	Vertical	Pass
6**	17250.501	39.91	-0.59	54.0	14.09	AV	265.00	150	Vertical	Pass

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

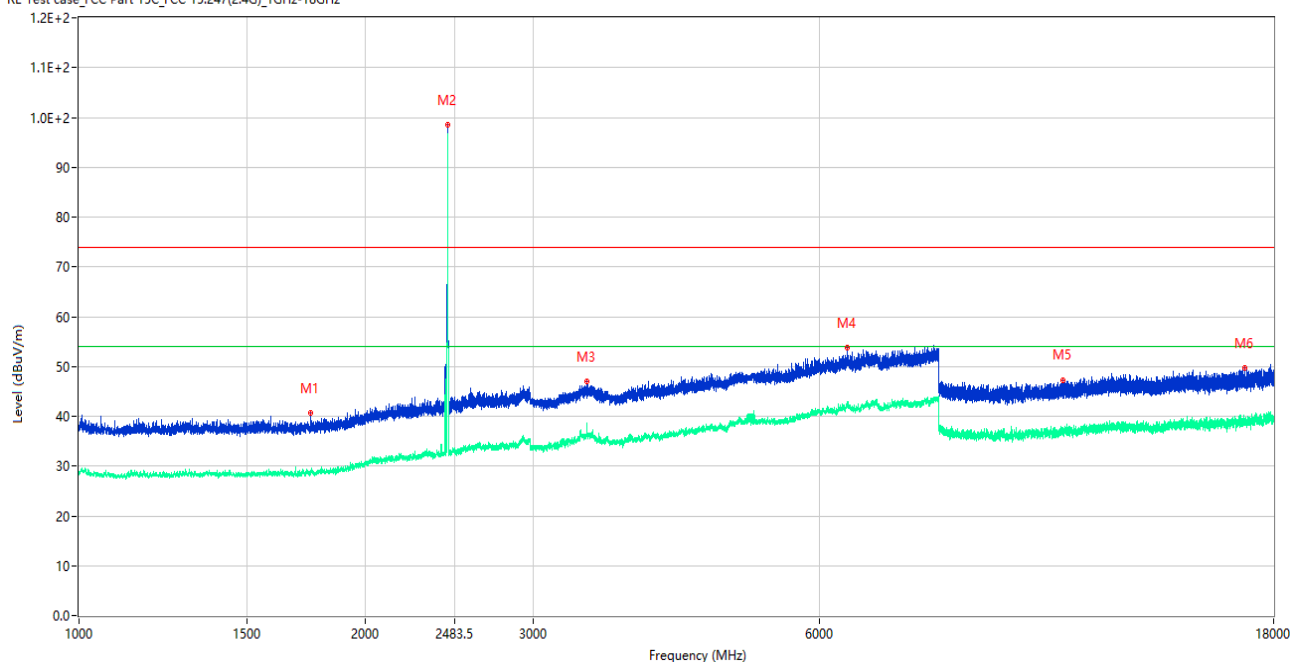
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.500	40.01	-16.23	74.0	33.99	Peak	5.00	150	Horizontal	Pass
1**	1462.500	28.24	-16.23	54.0	25.76	AV	5.00	150	Horizontal	Pass
2	2439.500	108.59	-12.37	74.0	-34.59	Peak	176.00	150	Horizontal	N/A
2**	2439.500	102.84	-12.37	54.0	-48.84	AV	176.00	150	Horizontal	N/A
3	2932.250	46.36	-7.98	74.0	27.64	Peak	329.00	150	Horizontal	Pass
3**	2932.250	35.47	-7.98	54.0	18.53	AV	329.00	150	Horizontal	Pass
4	6445.000	52.94	-0.05	74.0	21.06	Peak	229.00	150	Horizontal	Pass
4**	6445.000	42.62	-0.05	54.0	11.38	AV	229.00	150	Horizontal	Pass
5	9044.000	46.73	-4.34	74.0	27.27	Peak	360.00	150	Horizontal	Pass
5**	9044.000	35.37	-4.34	54.0	18.63	AV	360.00	150	Horizontal	Pass
6	16377.000	49.48	-1.62	74.0	24.52	Peak	294.00	150	Horizontal	Pass
6**	16377.000	38.82	-1.62	54.0	15.18	AV	294.00	150	Horizontal	Pass

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

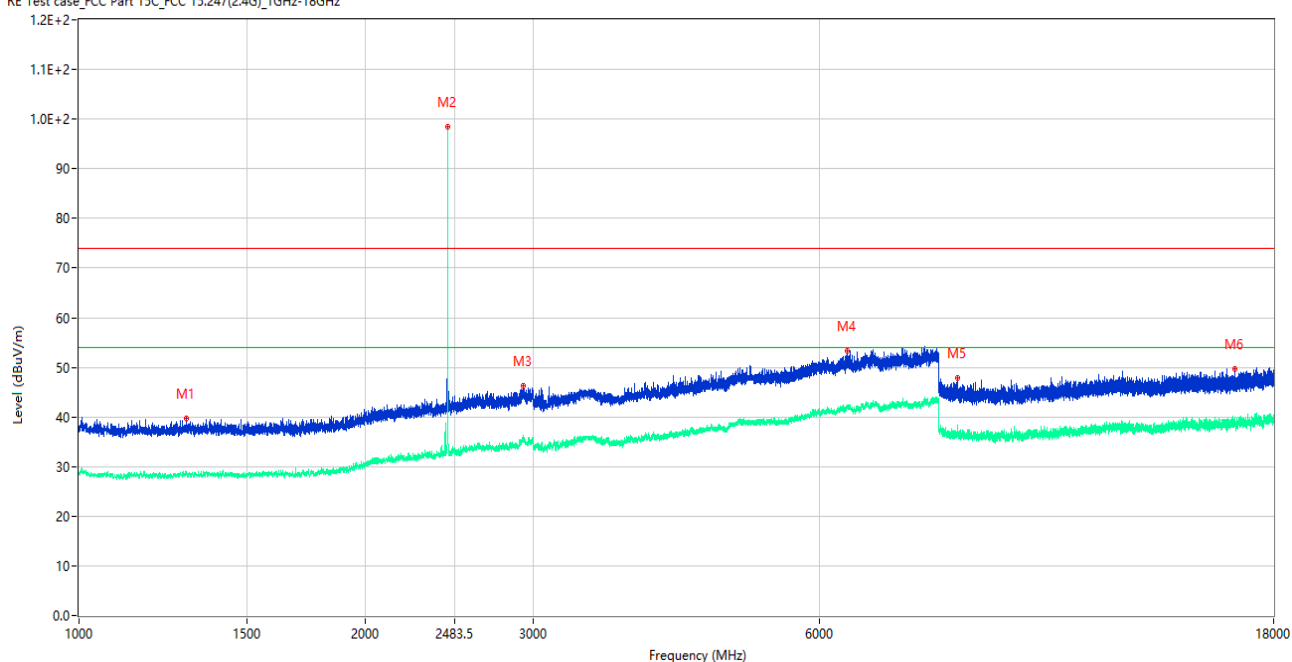
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1752.750	40.60	-15.94	74.0	33.40	Peak	0.00	150	Vertical	Pass
1**	1752.750	28.95	-15.94	54.0	25.05	AV	0.00	150	Vertical	Pass
2	2440.500	98.54	-12.38	74.0	-24.54	Peak	106.00	150	Vertical	N/A
2**	2440.500	96.39	-12.38	54.0	-42.39	AV	106.00	150	Vertical	N/A
3	3416.000	47.05	-5.14	74.0	26.95	Peak	320.00	150	Vertical	Pass
3**	3416.000	38.73	-5.14	54.0	15.27	AV	320.00	150	Vertical	Pass
4	6415.000	53.73	0.25	74.0	20.27	Peak	14.00	150	Vertical	Pass
4**	6415.000	42.93	0.25	54.0	11.07	AV	14.00	150	Vertical	Pass
5	10808.500	47.33	-3.20	74.0	26.67	Peak	68.00	150	Vertical	Pass
5**	10808.500	36.88	-3.20	54.0	17.12	AV	68.00	150	Vertical	Pass
6	16806.000	49.78	-1.33	74.0	24.22	Peak	360.00	150	Vertical	Pass
6**	16806.000	39.35	-1.33	54.0	14.65	AV	360.00	150	Vertical	Pass

GFSK (BLE 500Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

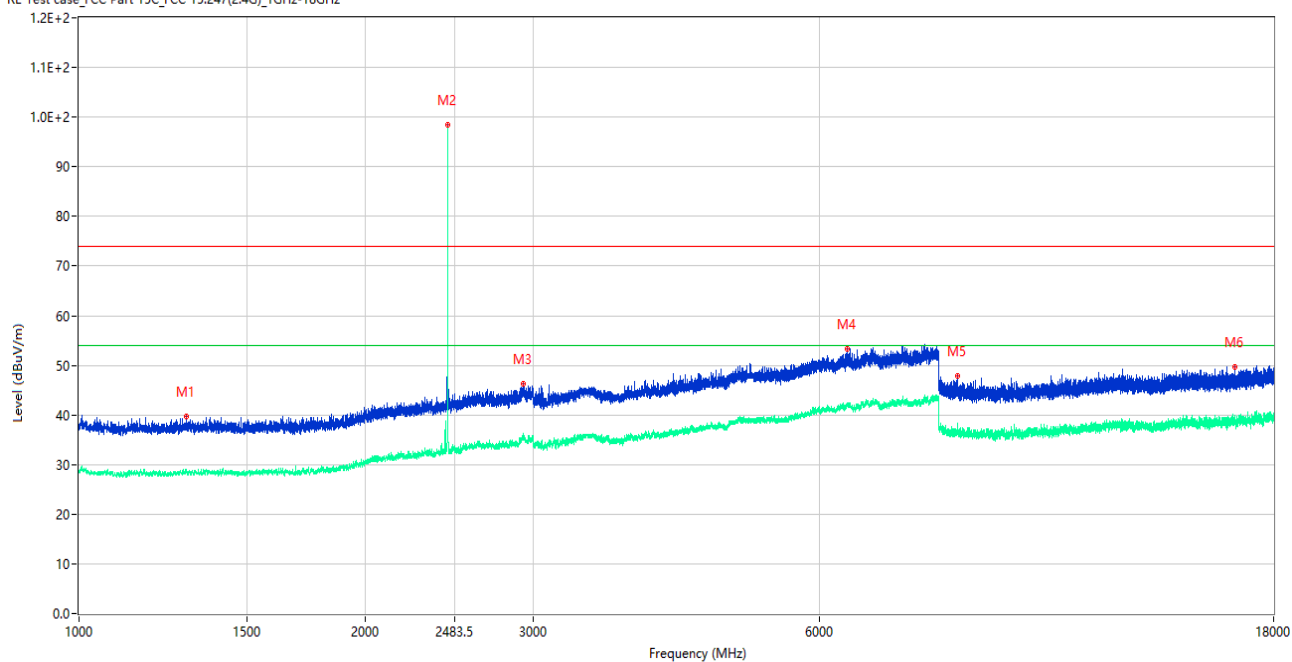
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1295.000	40.17	-15.73	74.0	33.83	Peak	59.00	150	Horizontal	Pass
1**	1295.000	28.52	-15.73	54.0	25.48	AV	59.00	150	Horizontal	Pass
2	2440.000	107.98	-12.37	74.0	-33.98	Peak	176.00	150	Horizontal	N/A
2**	2440.000	106.54	-12.37	54.0	-52.54	AV	176.00	150	Horizontal	N/A
3	2959.500	46.31	-9.02	74.0	27.69	Peak	0.00	150	Horizontal	Pass
3**	2959.500	34.71	-9.02	54.0	19.29	AV	0.00	150	Horizontal	Pass
4	6660.500	53.38	0.06	74.0	20.62	Peak	241.00	150	Horizontal	Pass
4**	6660.500	42.78	0.06	54.0	11.22	AV	241.00	150	Horizontal	Pass
5	10143.000	47.86	-4.19	74.0	26.14	Peak	350.00	150	Horizontal	Pass
5**	10143.000	36.81	-4.19	54.0	17.19	AV	350.00	150	Horizontal	Pass
6	17231.999	50.00	-0.40	74.0	24.00	Peak	0.00	150	Horizontal	Pass
6**	17231.999	40.21	-0.40	54.0	13.79	AV	0.00	150	Horizontal	Pass

GFSK (BLE 500Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

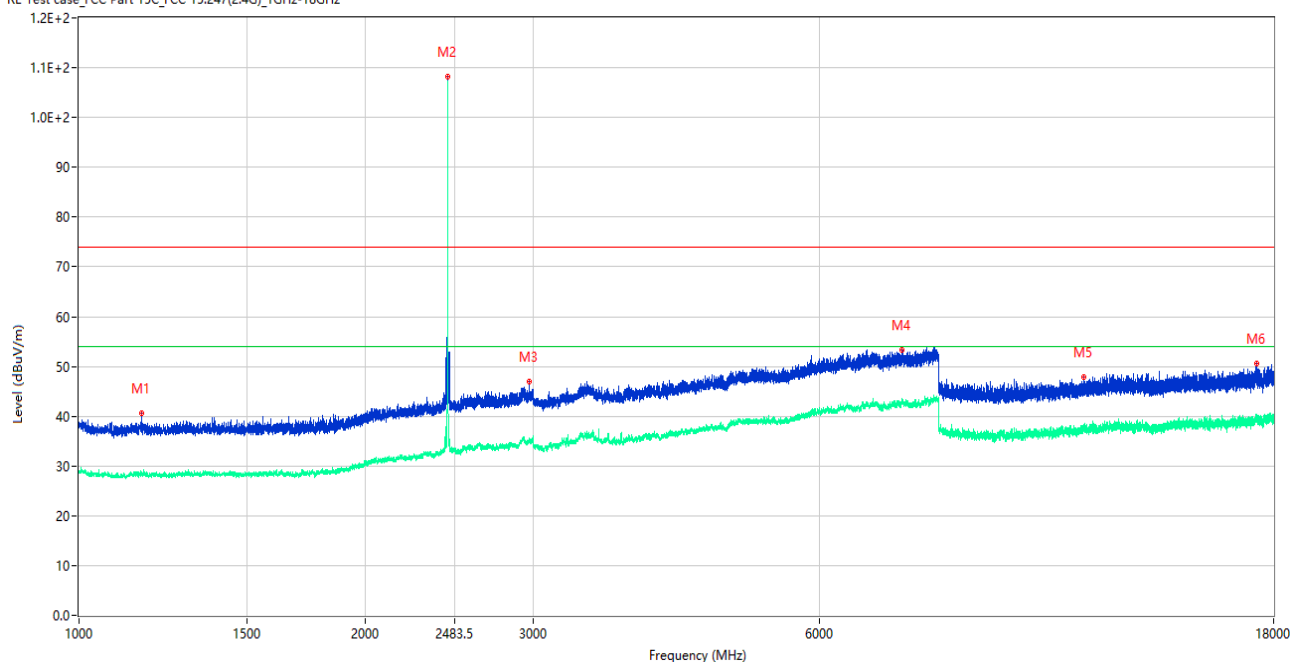
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.250	39.64	-15.68	74.0	34.36	Peak	350.00	150	Vertical	Pass
1**	1296.250	28.97	-15.68	54.0	25.03	AV	350.00	150	Vertical	Pass
2	2440.250	98.46	-12.37	74.0	-24.46	Peak	117.00	150	Vertical	N/A
2**	2440.250	97.68	-12.37	54.0	-43.68	AV	117.00	150	Vertical	N/A
3	2928.500	46.32	-7.99	74.0	27.68	Peak	272.00	150	Vertical	Pass
3**	2928.500	35.64	-7.99	54.0	18.36	AV	272.00	150	Vertical	Pass
4	6415.000	53.40	0.25	74.0	20.60	Peak	209.00	150	Vertical	Pass
4**	6415.000	42.17	0.25	54.0	11.83	AV	209.00	150	Vertical	Pass
5	8372.000	47.76	-4.40	74.0	26.24	Peak	178.00	150	Vertical	Pass
5**	8372.000	36.99	-4.40	54.0	17.01	AV	178.00	150	Vertical	Pass
6	16391.999	49.69	-1.26	74.0	24.31	Peak	178.00	150	Vertical	Pass
6**	16391.999	39.28	-1.26	54.0	14.72	AV	178.00	150	Vertical	Pass

GFSK (BLE 125Kbps) MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

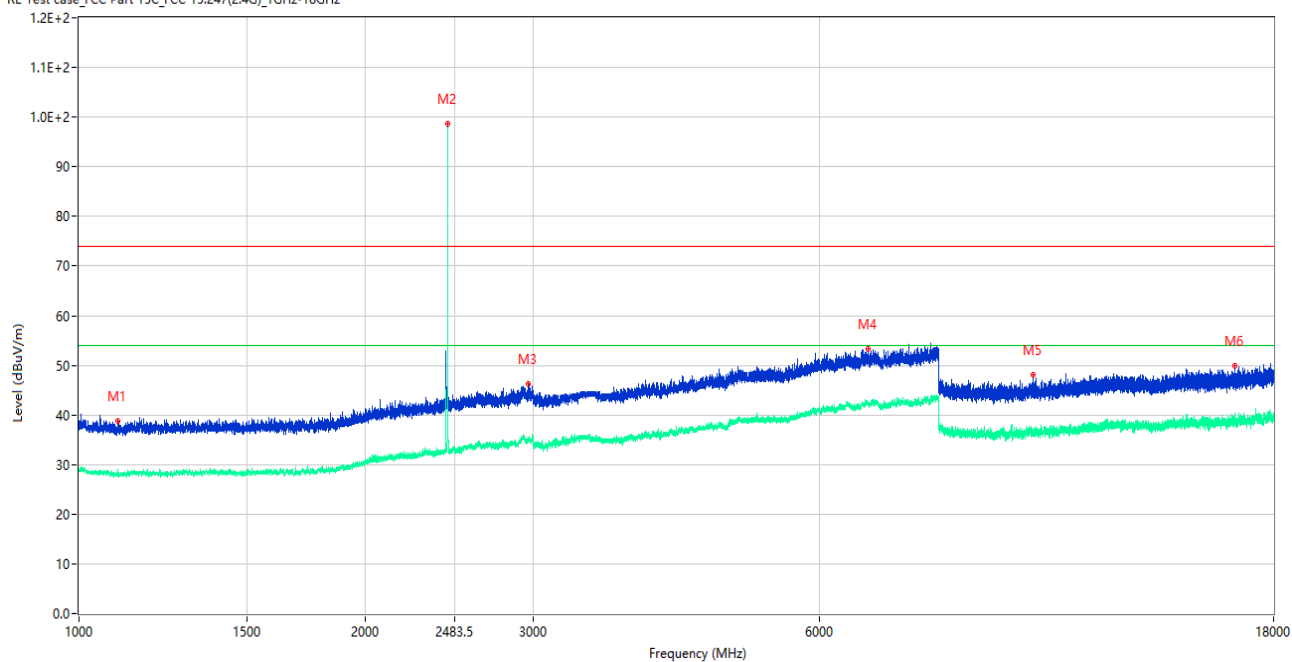
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.250	40.52	-15.46	74.0	33.48	Peak	47.00	150	Horizontal	Pass
1**	1162.250	28.55	-15.46	54.0	25.45	AV	47.00	150	Horizontal	Pass
2	2440.250	108.14	-12.37	74.0	-34.14	Peak	182.00	150	Horizontal	N/A
2**	2440.250	107.30	-12.37	54.0	-53.30	AV	182.00	150	Horizontal	N/A
3	2973.500	46.93	-8.59	74.0	27.07	Peak	186.00	150	Horizontal	Pass
3**	2973.500	34.78	-8.59	54.0	19.22	AV	186.00	150	Horizontal	Pass
4	7324.000	53.32	0.70	74.0	20.68	Peak	247.00	150	Horizontal	Pass
4**	7324.000	42.80	0.70	54.0	11.20	AV	247.00	150	Horizontal	Pass
5	11379.500	47.85	-3.68	74.0	26.15	Peak	31.00	150	Horizontal	Pass
5**	11379.500	37.48	-3.68	54.0	16.52	AV	31.00	150	Horizontal	Pass
6	17291.000	50.48	-1.05	74.0	23.52	Peak	235.00	150	Horizontal	Pass
6**	17291.000	39.52	-1.05	54.0	14.48	AV	235.00	150	Horizontal	Pass

GFSK (BLE 125Kbps) 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	1098.500	38.69	-15.73	74.0	35.31	Peak	195.00	150	Vertical	Pass
1**	1098.500	29.10	-15.73	54.0	24.90	AV	195.00	150	Vertical	Pass
2	2440.250	98.75	-12.37	74.0	-24.75	Peak	116.00	150	Vertical	N/A
2**	2440.250	97.73	-12.37	54.0	-43.73	AV	116.00	150	Vertical	N/A
3	2967.000	46.33	-8.47	74.0	27.67	Peak	358.00	150	Vertical	Pass
3**	2967.000	35.09	-8.47	54.0	18.91	AV	358.00	150	Vertical	Pass
4	6743.000	53.41	0.70	74.0	20.59	Peak	100.00	150	Vertical	Pass
4**	6743.000	42.61	0.70	54.0	11.39	AV	100.00	150	Vertical	Pass
5	10053.000	48.01	-3.96	74.0	25.99	Peak	41.00	150	Vertical	Pass
5**	10053.000	36.47	-3.96	54.0	17.53	AV	41.00	150	Vertical	Pass
6	16381.500	49.80	-1.32	74.0	24.20	Peak	127.00	150	Vertical	Pass
6**	16381.500	39.00	-1.32	54.0	15.00	AV	127.00	150	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, 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

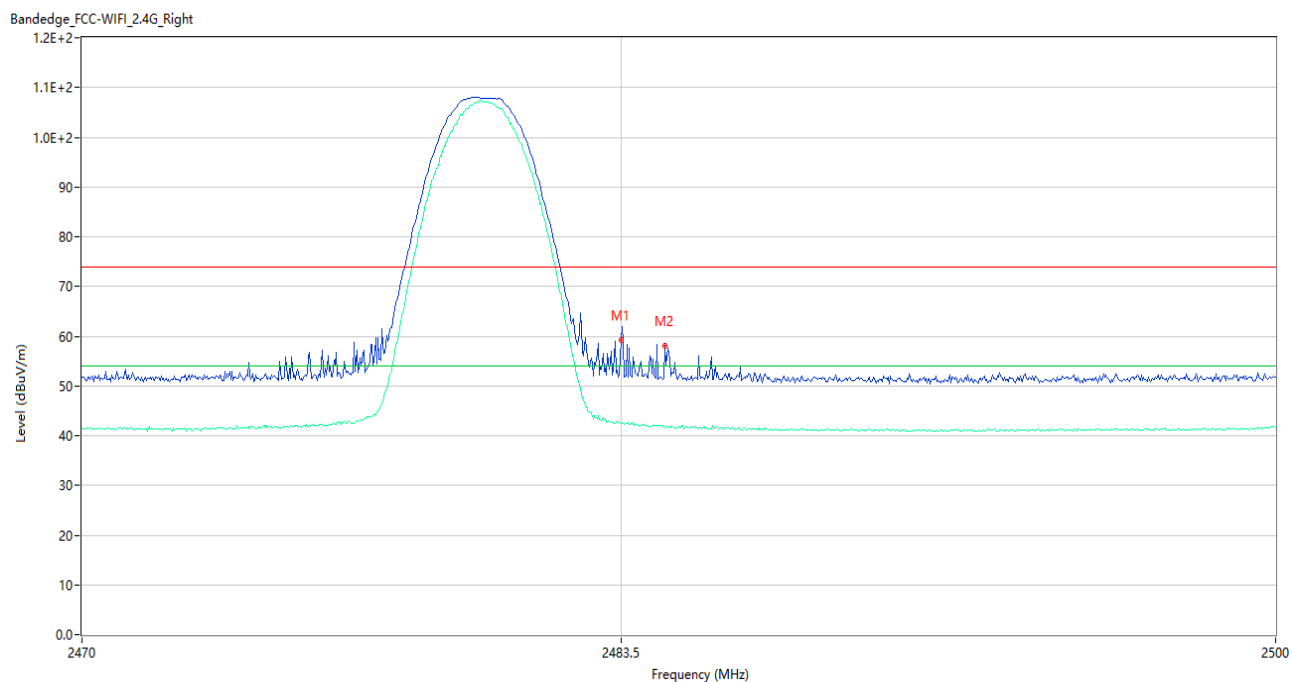
Main Antenna

GFSK (BLE 1Mbps) LOW CHANNEL



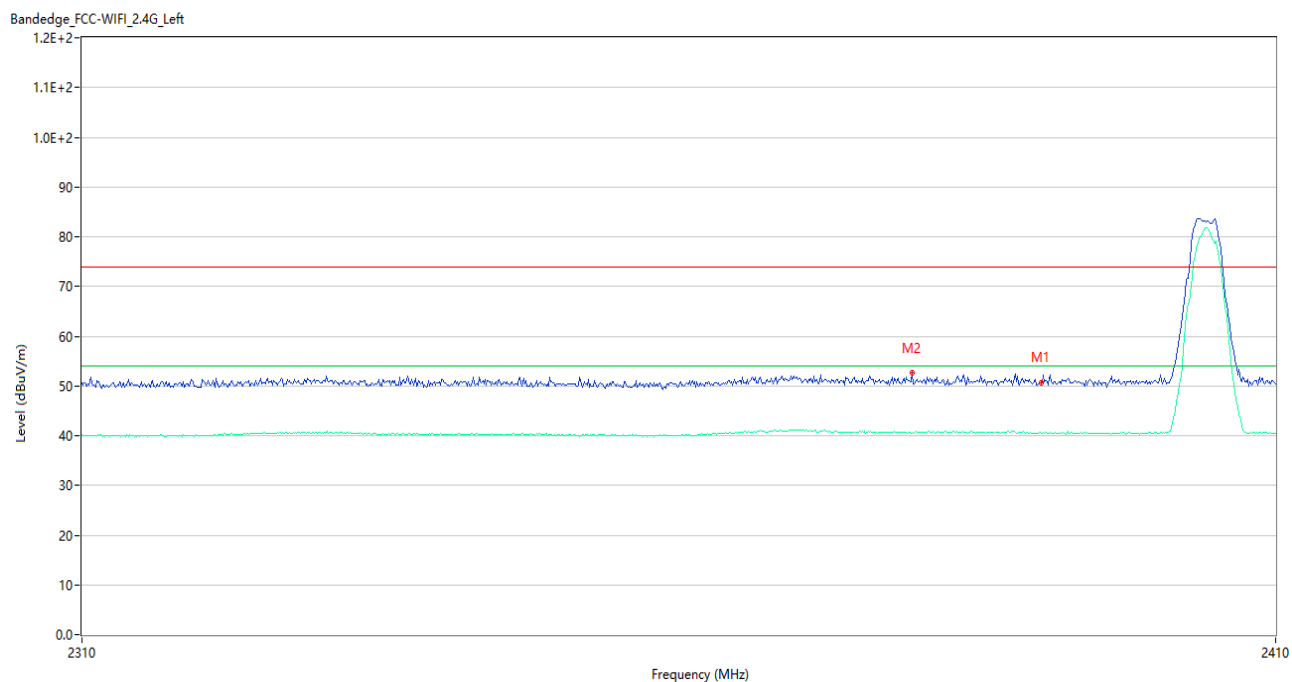
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.57	-4.87	74.0	22.43	Peak	265.66	150	Horizontal	Pass
1**	2390.000	40.74	-4.87	54.0	13.26	AV	265.66	150	Horizontal	Pass
2	2366.500	52.22	-4.38	74.0	21.78	Peak	149.00	150	Horizontal	Pass
2**	2366.500	40.86	-4.38	54.0	13.14	AV	149.00	150	Horizontal	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



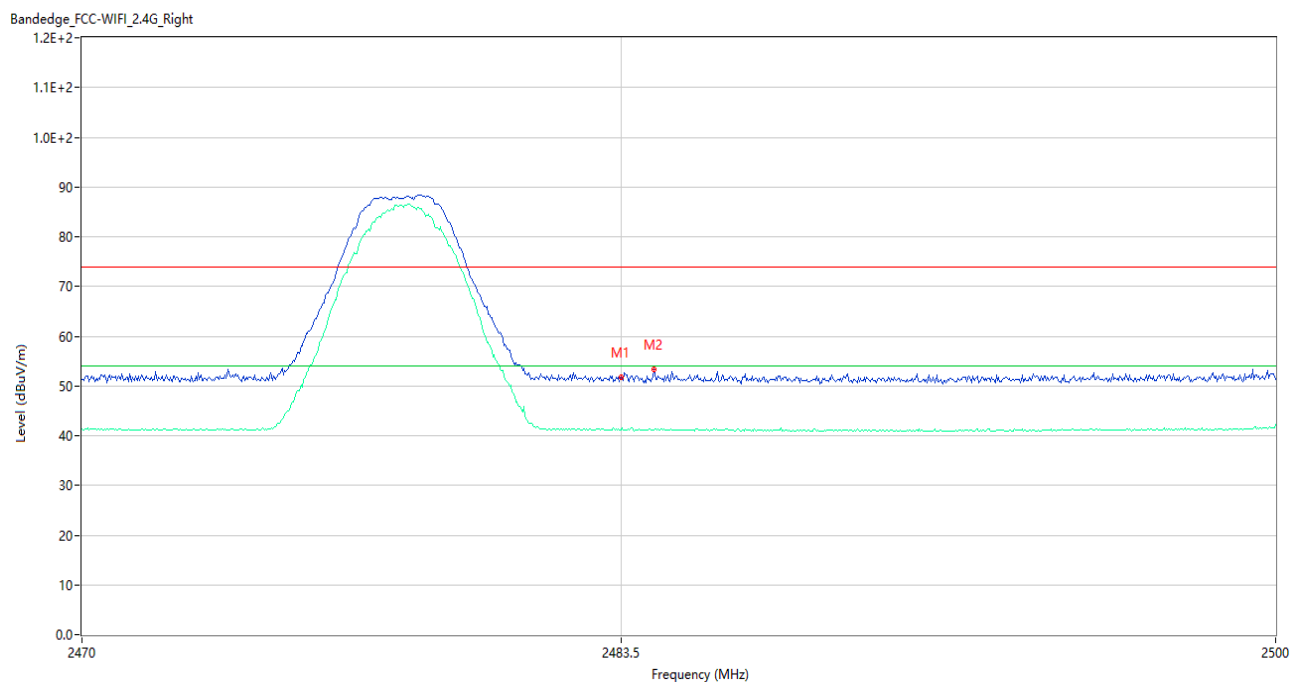
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.31	-3.78	74.0	14.69	Peak	161.00	150	Horizontal	Pass
1**	2483.500	42.60	-3.78	54.0	11.40	AV	161.00	150	Horizontal	Pass
2	2484.610	58.04	-3.78	74.0	15.96	Peak	172.00	150	Horizontal	Pass
2**	2484.610	41.66	-3.78	54.0	12.34	AV	172.00	150	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	2390.000	50.73	-4.87	74.0	23.27	Peak	359.89	150	Vertical	Pass
1**	2390.000	40.52	-4.87	54.0	13.48	AV	359.89	150	Vertical	Pass
2	2379.100	52.55	-4.28	74.0	21.45	Peak	360.00	150	Vertical	Pass
2**	2379.100	40.52	-4.28	54.0	13.48	AV	360.00	150	Vertical	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



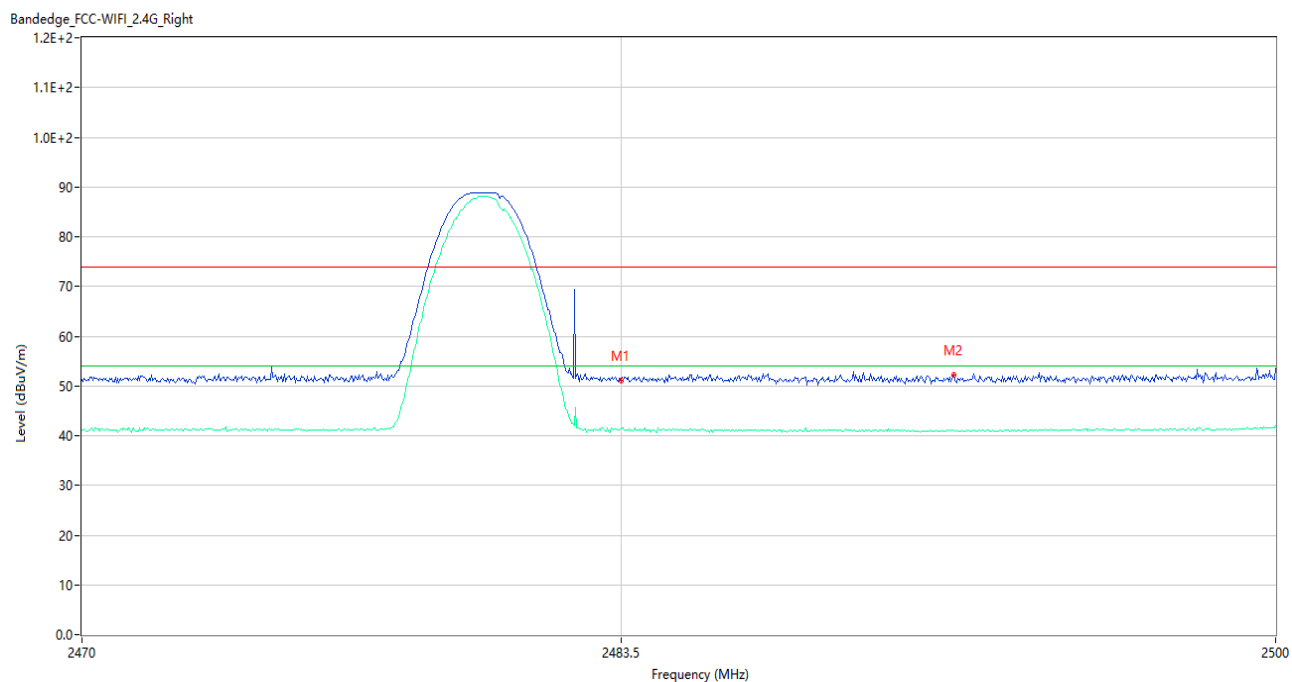
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.65	-3.78	74.0	22.35	Peak	358.00	150	Vertical	Pass
1**	2483.500	41.04	-3.78	54.0	12.96	AV	358.00	150	Vertical	Pass
2	2484.340	53.29	-3.78	74.0	20.71	Peak	63.00	150	Vertical	Pass
2**	2484.340	41.16	-3.78	54.0	12.84	AV	63.00	150	Vertical	Pass

GFSK (BLE 500Kbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.06	-4.87	74.0	22.94	Peak	46.98	150	Vertical	Pass
1**	2390.000	40.44	-4.87	54.0	13.56	AV	46.98	150	Vertical	Pass
2	2370.000	53.00	-4.00	74.0	21.00	Peak	23.00	150	Vertical	Pass
2**	2370.000	41.16	-4.00	54.0	12.84	AV	23.00	150	Vertical	Pass

GFSK (BLE 500Kbps) HIGH CHANNEL



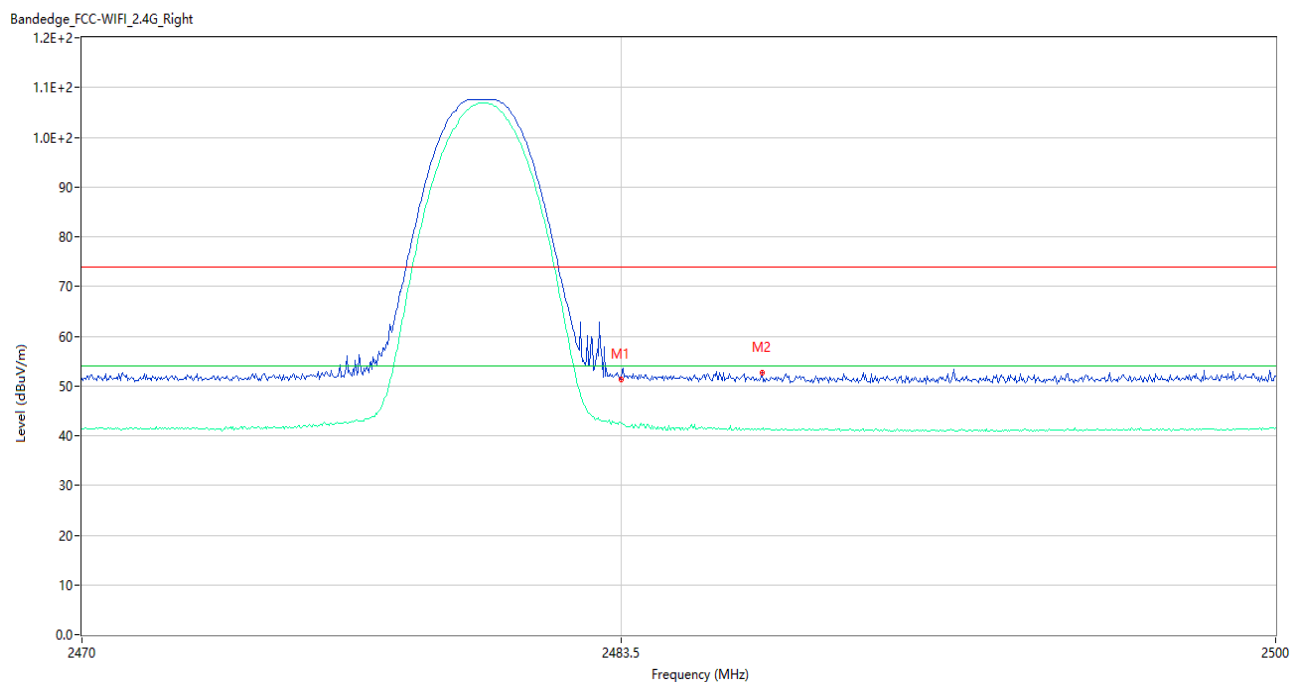
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.50	-3.78	74.0	21.50	Peak	323.00	150	Vertical	Pass
1**	2483.500	41.44	-3.78	54.0	12.56	AV	323.00	150	Vertical	Pass
2	2491.870	52.11	-3.87	74.0	21.89	Peak	352.00	150	Vertical	Pass
2**	2491.870	41.03	-3.87	54.0	12.97	AV	352.00	150	Vertical	Pass

GFSK (BLE 125Kbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.13	-4.87	74.0	22.87	Peak	311.72	150	Vertical	Pass
1**	2390.000	40.55	-4.87	54.0	13.45	AV	311.72	150	Vertical	Pass
2	2378.300	52.12	-4.25	74.0	21.88	Peak	228.00	150	Vertical	Pass
2**	2378.300	40.72	-4.25	54.0	13.28	AV	228.00	150	Vertical	Pass

GFSK (BLE 125Kbps) 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	51.40	-3.78	74.0	22.60	Peak	0.00	150	Horizontal	Pass
1**	2483.500	42.52	-3.78	54.0	11.48	AV	0.00	150	Horizontal	Pass
2	2487.040	52.64	-3.80	74.0	21.36	Peak	249.00	150	Horizontal	Pass
2**	2487.040	41.30	-3.80	54.0	12.70	AV	249.00	150	Horizontal	Pass

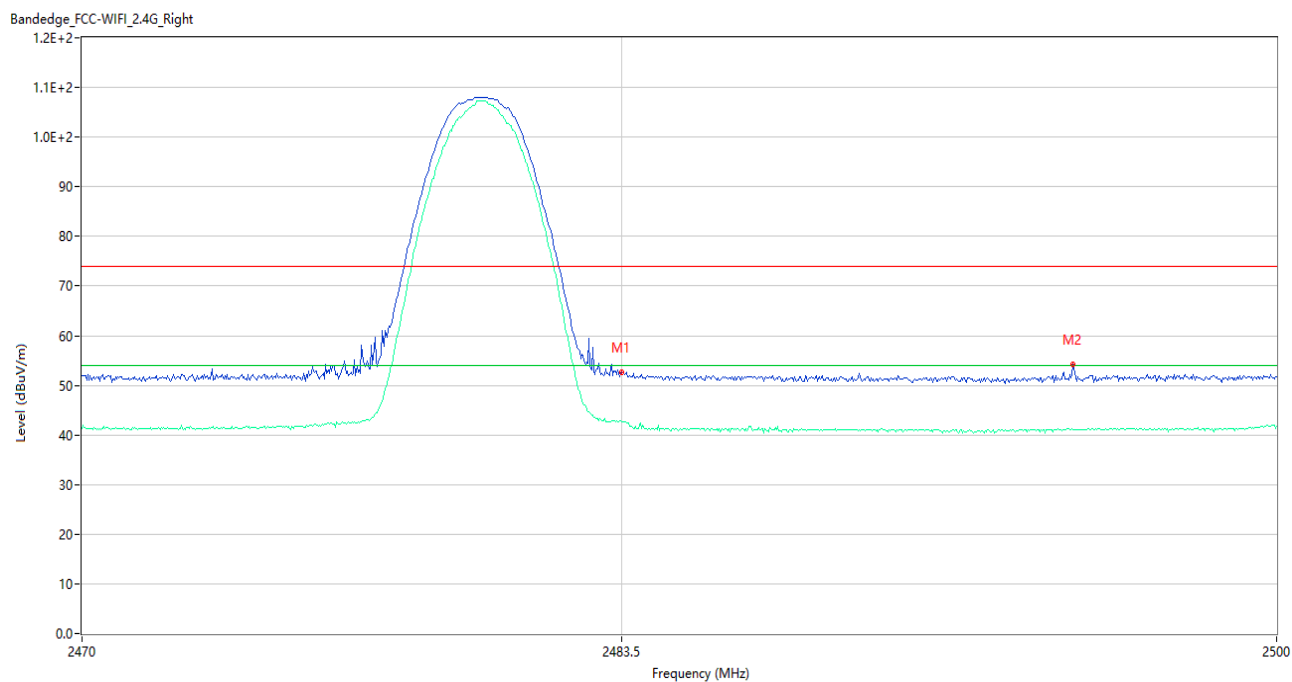
Aux. Antenna

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	2390.000	51.28	-4.87	74.0	22.72	Peak	331.84	150	Vertical	Pass
1**	2390.000	40.41	-4.87	54.0	13.59	AV	331.84	150	Vertical	Pass
2	2331.500	52.30	-4.14	74.0	21.70	Peak	182.00	150	Vertical	Pass
2**	2331.500	40.62	-4.14	54.0	13.38	AV	182.00	150	Vertical	Pass

GFSK (BLE 1Mbps) HIGH CHANNEL



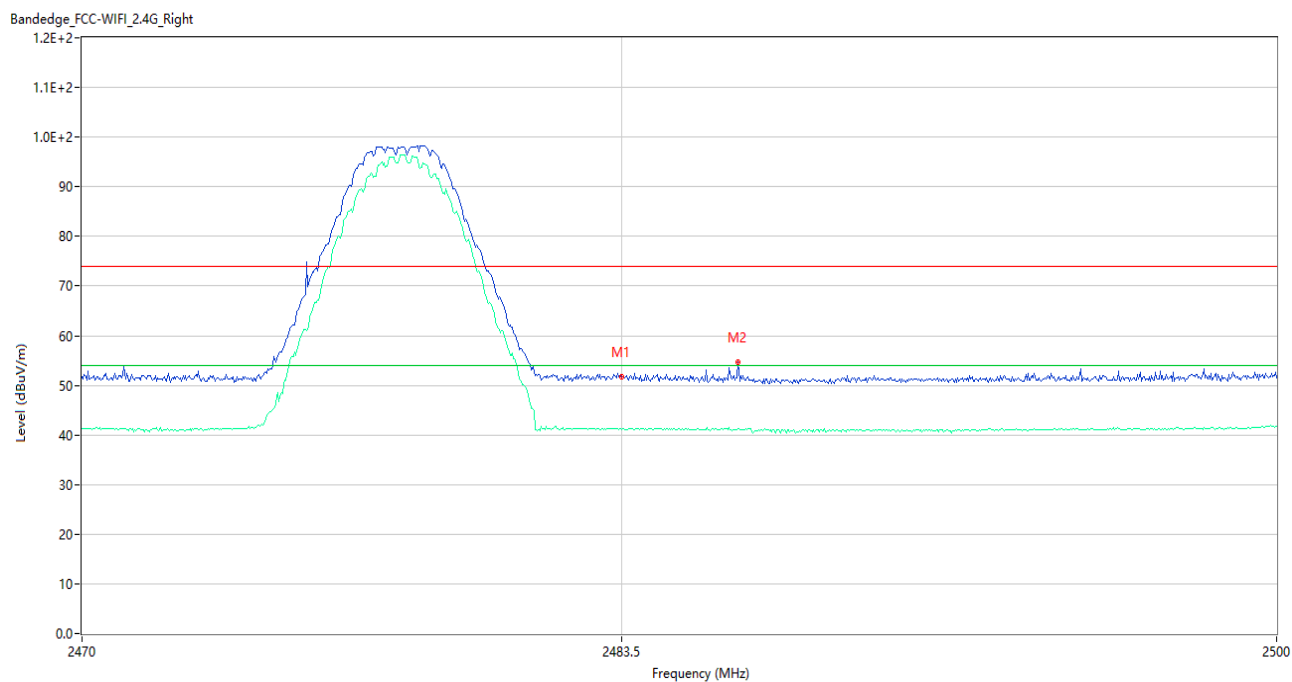
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.61	-3.78	74.0	21.39	Peak	206.00	150	Horizontal	Pass
1**	2483.500	42.70	-3.78	54.0	11.30	AV	206.00	150	Horizontal	Pass
2	2494.870	54.25	-3.92	74.0	19.75	Peak	32.00	150	Horizontal	Pass
2**	2494.870	41.08	-3.92	54.0	12.92	AV	32.00	150	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	2390.000	50.89	-4.87	74.0	23.11	Peak	0.00	150	Horizontal	Pass
1**	2390.000	40.57	-4.87	54.0	13.43	AV	0.00	150	Horizontal	Pass
2	2370.700	53.71	-4.02	74.0	20.29	Peak	76.00	150	Horizontal	Pass
2**	2370.700	40.86	-4.02	54.0	13.14	AV	76.00	150	Horizontal	Pass

GFSK (BLE 2Mbps) HIGH CHANNEL



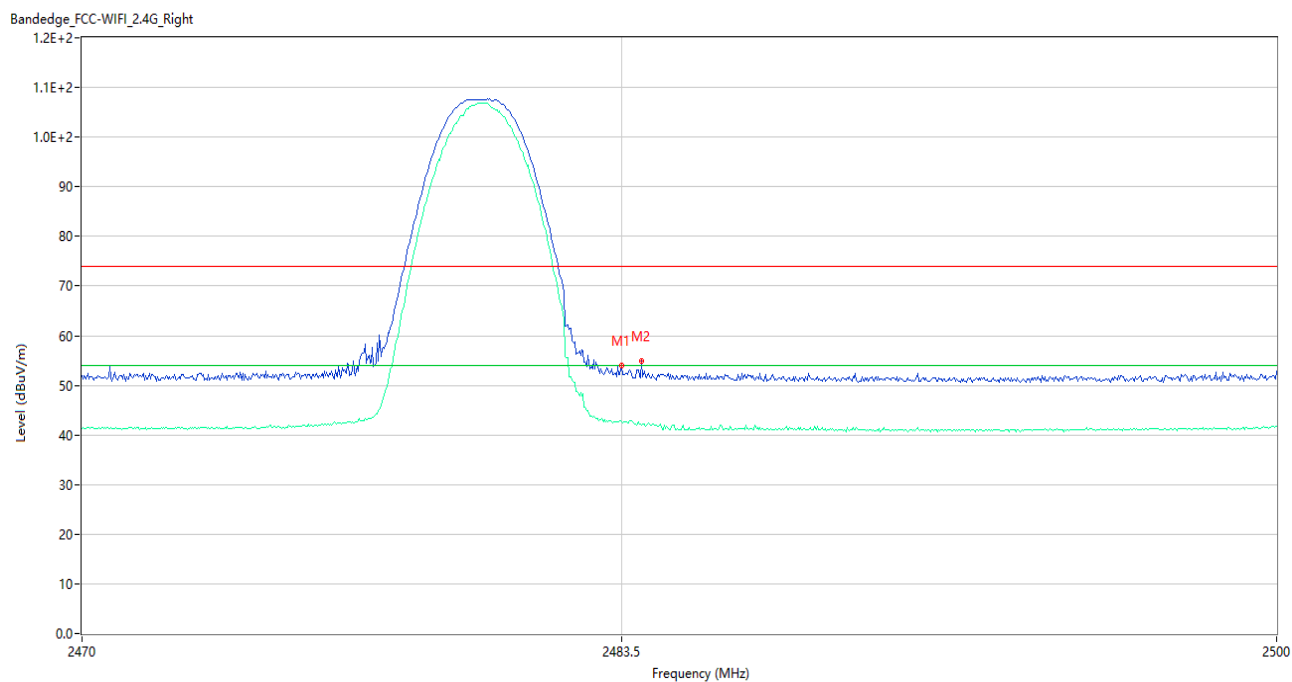
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.82	-3.78	74.0	22.18	Peak	240.00	150	Vertical	Pass
1**	2483.500	41.13	-3.78	54.0	12.87	AV	240.00	150	Vertical	Pass
2	2486.440	54.63	-3.79	74.0	19.37	Peak	207.00	150	Vertical	Pass
2**	2486.440	41.29	-3.79	54.0	12.71	AV	207.00	150	Vertical	Pass

GFSK (BLE 500Kbps) LOW CHANNEL



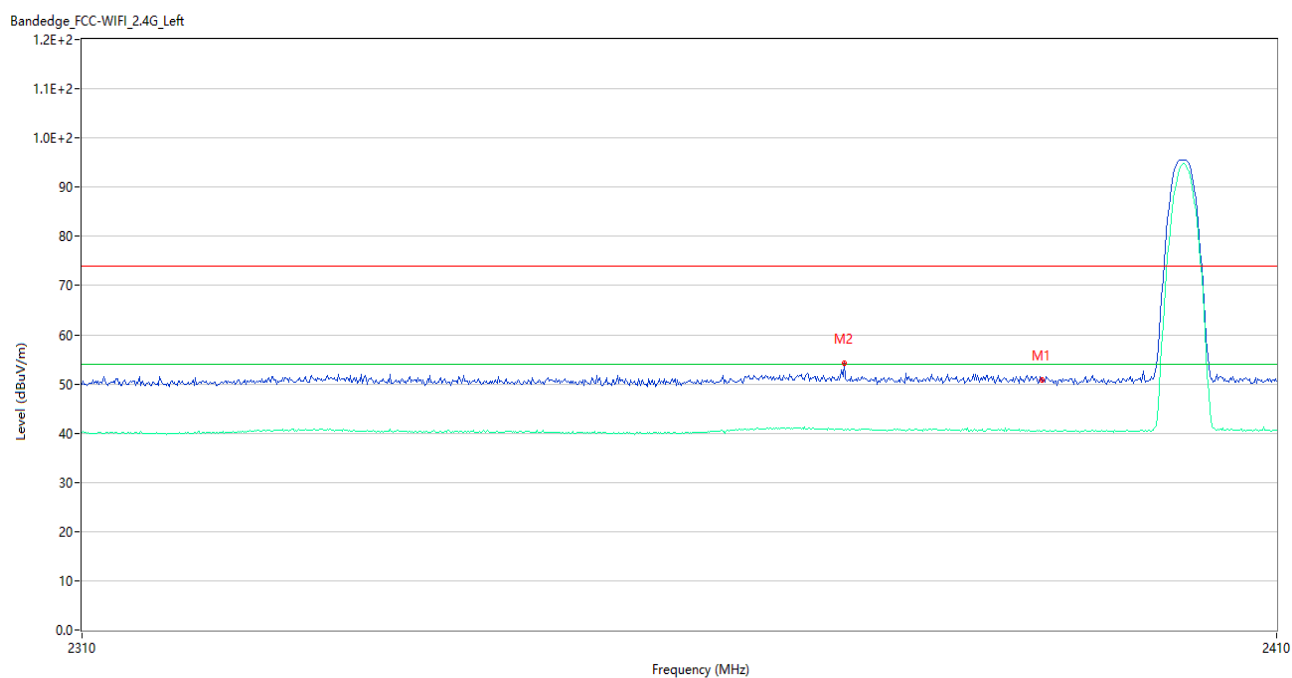
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.03	-4.87	74.0	22.97	Peak	295.85	150	Vertical	Pass
1**	2390.000	40.52	-4.87	54.0	13.48	AV	295.85	150	Vertical	Pass
2	2389.700	52.89	-4.86	74.0	21.11	Peak	246.00	150	Vertical	Pass
2**	2389.700	40.64	-4.86	54.0	13.36	AV	246.00	150	Vertical	Pass

GFSK (BLE 500Kbps) HIGH CHANNEL



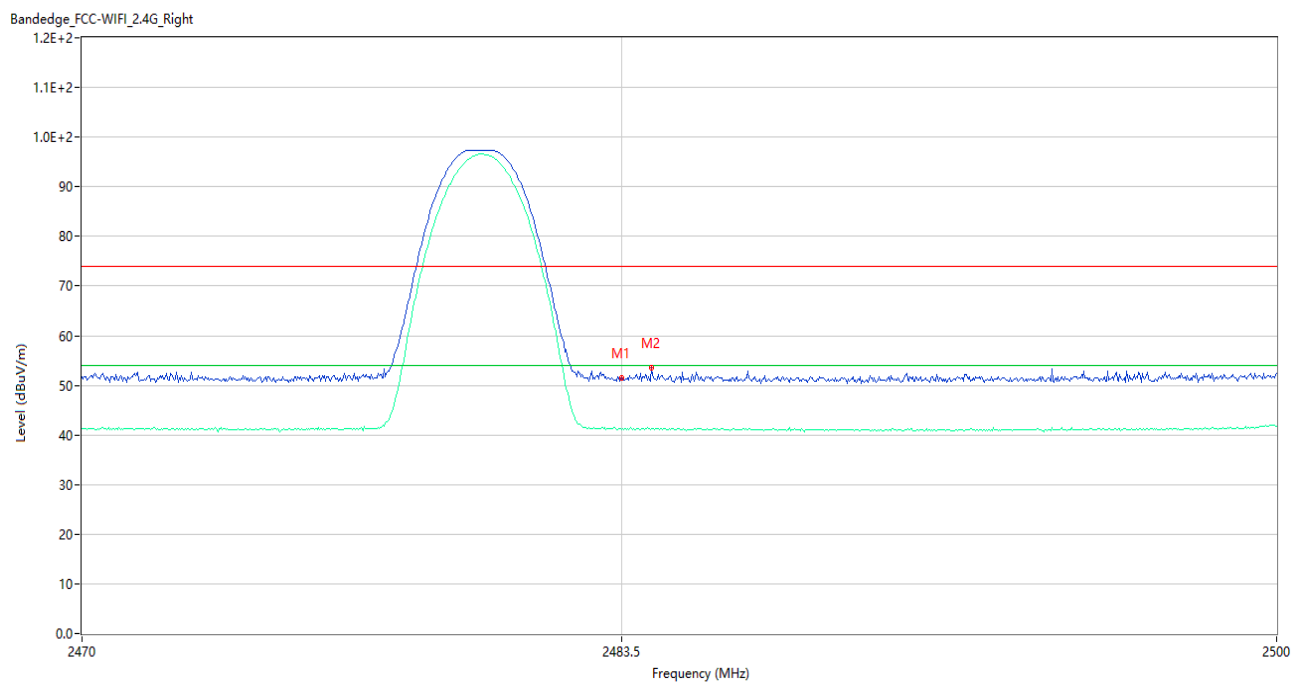
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.96	-3.78	74.0	20.04	Peak	185.00	150	Horizontal	Pass
1**	2483.500	42.73	-3.78	54.0	11.27	AV	185.00	150	Horizontal	Pass
2	2484.010	54.95	-3.78	74.0	19.05	Peak	286.00	150	Horizontal	Pass
2**	2484.010	42.06	-3.78	54.0	11.94	AV	286.00	150	Horizontal	Pass

GFSK (BLE 125Kbps) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.89	-4.87	74.0	23.11	Peak	331.58	150	Vertical	Pass
1**	2390.000	40.38	-4.87	54.0	13.62	AV	331.58	150	Vertical	Pass
2	2373.300	54.28	-4.10	74.0	19.72	Peak	259.00	150	Vertical	Pass
2**	2373.300	40.59	-4.10	54.0	13.41	AV	259.00	150	Vertical	Pass

GFSK (BLE 125Kbps) 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	51.45	-3.78	74.0	22.55	Peak	270.00	150	Vertical	Pass
1**	2483.500	41.08	-3.78	54.0	12.92	AV	270.00	150	Vertical	Pass
2	2484.250	53.52	-3.78	74.0	20.48	Peak	29.00	150	Vertical	Pass
2**	2484.250	41.28	-3.78	54.0	12.72	AV	29.00	150	Vertical	Pass

A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-3.43	8	Pass
Middle	-2.76	8	Pass
High	-2.30	8	Pass

GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-5.41	8	Pass
Middle	-5.68	8	Pass
High	-5.56	8	Pass

GFSK (BLE 500Kbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	6.53	8	Pass
Middle	7.49	8	Pass
High	7.05	8	Pass

GFSK (BLE 125Kbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	6.53	8	Pass
Middle	7.40	8	Pass
High	7.44	8	Pass

Aux. Antenna

GFSK (BLE 1Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-4.03	8	Pass
Middle	-3.43	8	Pass
High	-5.99	8	Pass

GFSK (BLE 2Mbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.17	8	Pass
Middle	-6.85	8	Pass
High	-9.16	8	Pass

GFSK (BLE 500Kbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	5.78	8	Pass
Middle	5.89	8	Pass
High	3.39	8	Pass

GFSK (BLE 125Kbps)			
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	5.30	8	Pass
Middle	5.65	8	Pass
High	3.68	8	Pass

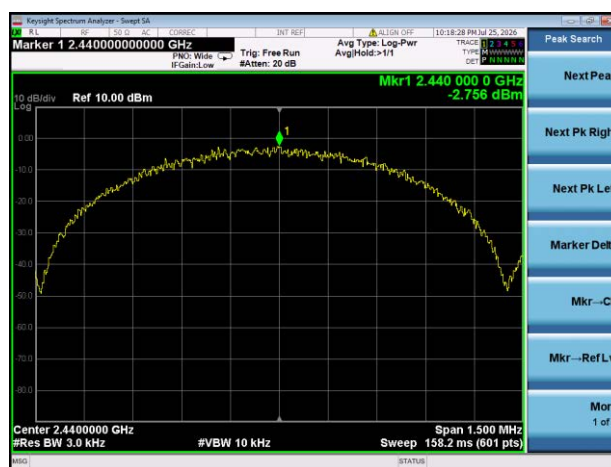
Test Plots

Main Antenna

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



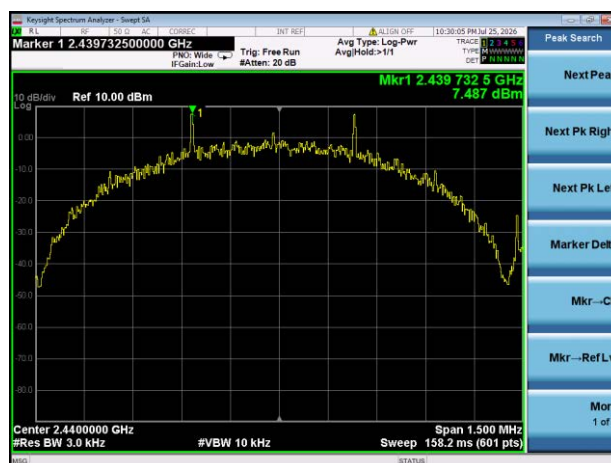
GFSK (BLE 2Mbps) HIGH CHANNEL



GFSK (BLE 500Kbps) LOW CHANNEL



GFSK (BLE 500Kbps) MIDDLE CHANNEL



GFSK (BLE 500Kbps) HIGH CHANNEL



GFSK (BLE 125Kbps) LOW CHANNEL



GFSK (BLE 125Kbps) MIDDLE CHANNEL



GFSK (BLE 125Kbps) HIGH CHANNEL



Aux. Antenna

GFSK (BLE 1Mbps) LOW CHANNEL



GFSK (BLE 1Mbps) MIDDLE CHANNEL



GFSK (BLE 1Mbps) HIGH CHANNEL



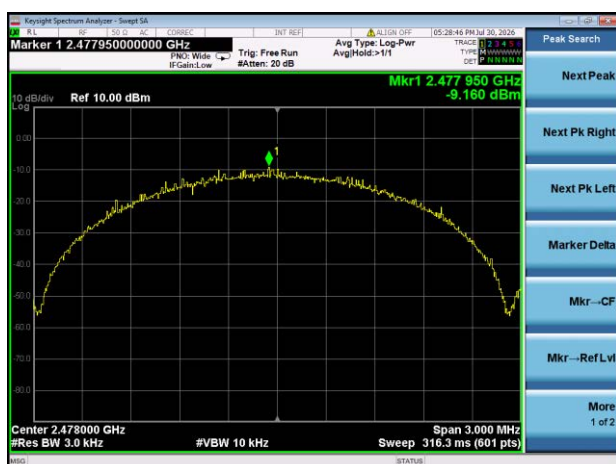
GFSK (BLE 2Mbps) LOW CHANNEL



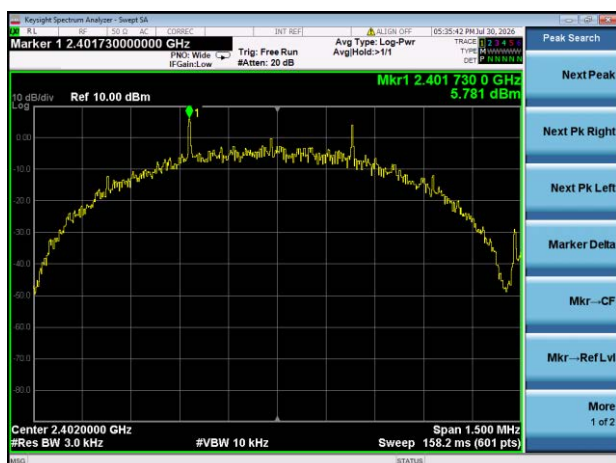
GFSK (BLE 2Mbps) MIDDLE CHANNEL



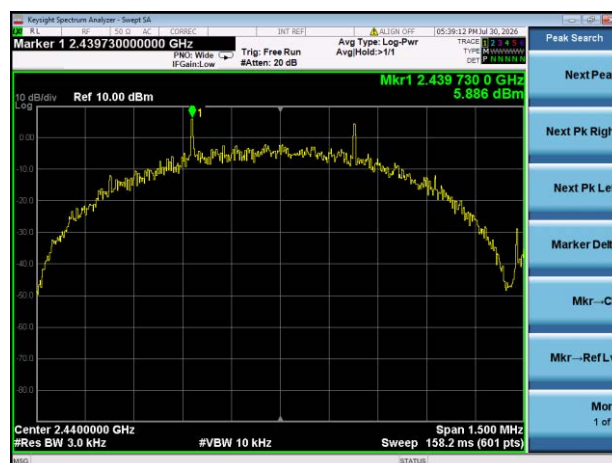
GFSK (BLE 2Mbps) HIGH CHANNEL



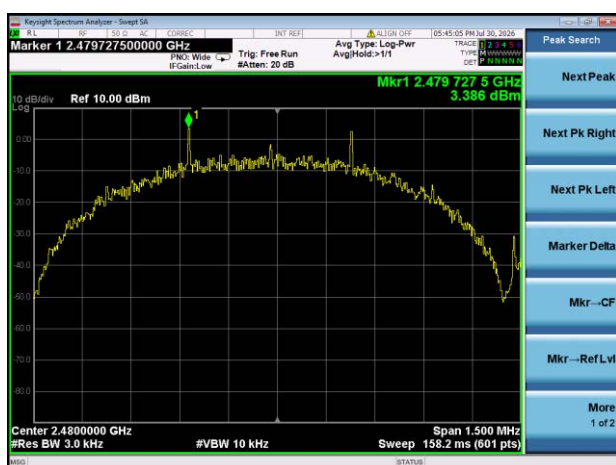
GFSK (BLE 500Kbps) LOW CHANNEL



GFSK (BLE 500Kbps) MIDDLE CHANNEL



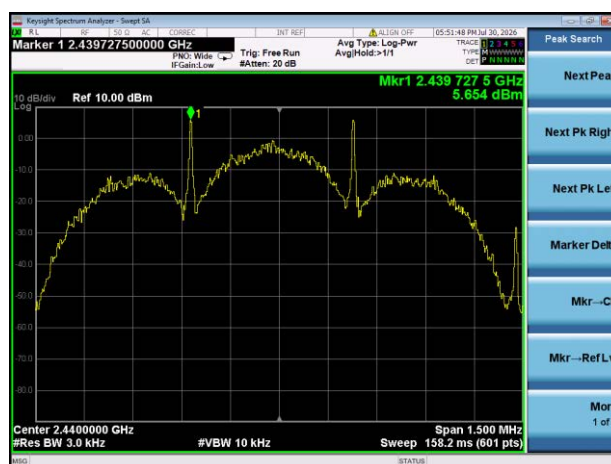
GFSK (BLE 500Kbps) HIGH CHANNEL



GFSK (BLE 125Kbps) LOW CHANNEL



GFSK (BLE 125Kbps) MIDDLE CHANNEL



GFSK (BLE 125Kbps) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26060547-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060547-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26060547-AI.PDF”.

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2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
3. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the test report stamp.
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6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--