

Appendix A_Conduction Data for BLE:**1.Conducted Peak Output Power**

Test Result

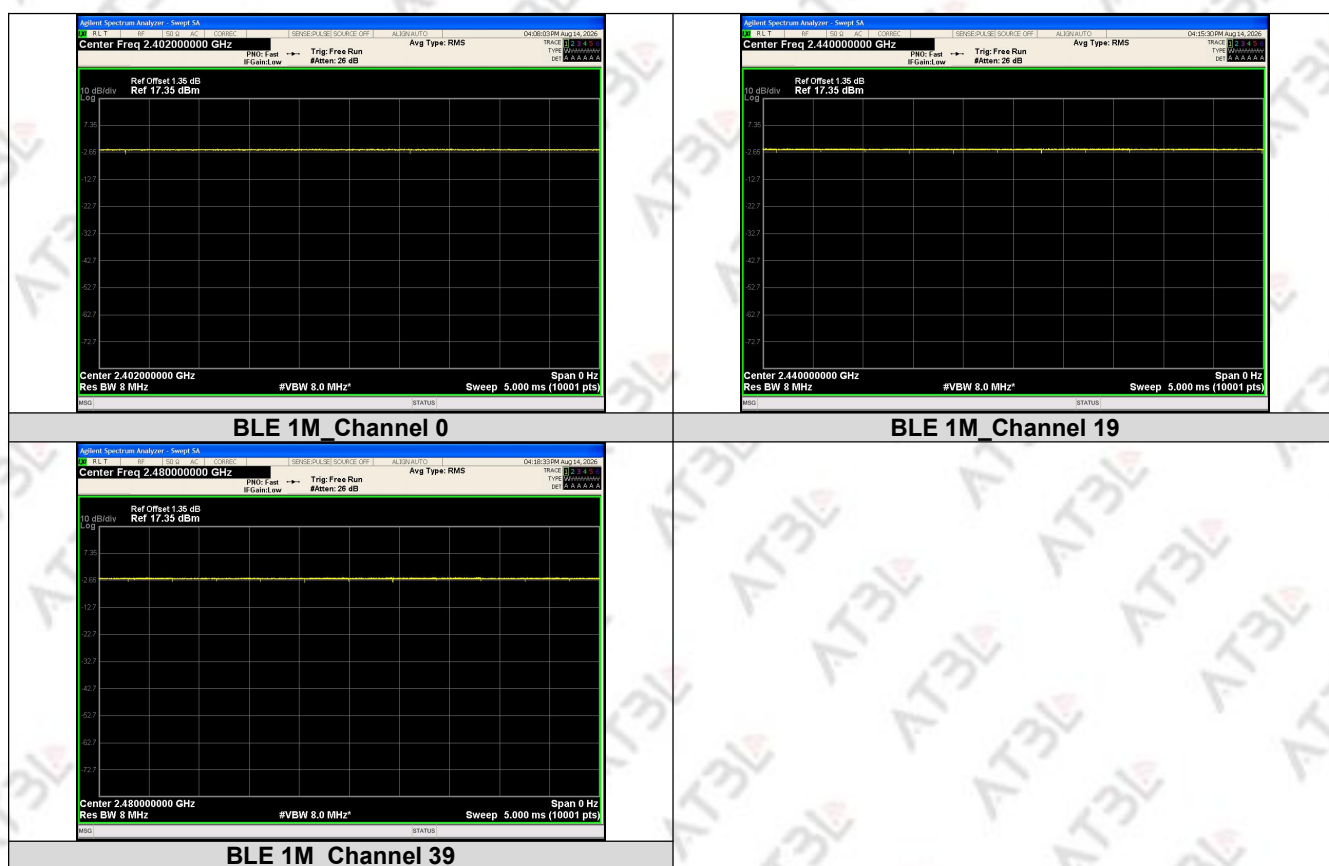
Mode	Channel	Peak Output Power (dBm)	Peak Output Power Limit (dBm)	Result
BLE 1M	0	-1.58	≤30	PASS
	19	-1.43	≤30	PASS
	39	-1.80	≤30	PASS

2.Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
BLE 1M	0	5.000	5.000	100	1	0.0
	19	5.000	5.000	100	1	0.0
	39	5.000	5.000	100	1	0.0

Test Graphs

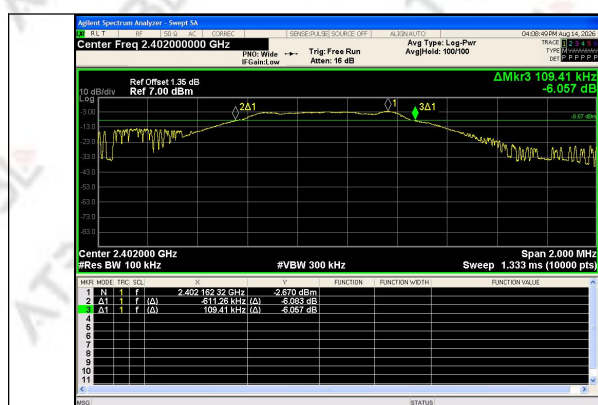


3.6dB Bandwidth and 99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.72	≥0.5	PASS
	19	2440	0.73		PASS
	39	2480	0.73		PASS

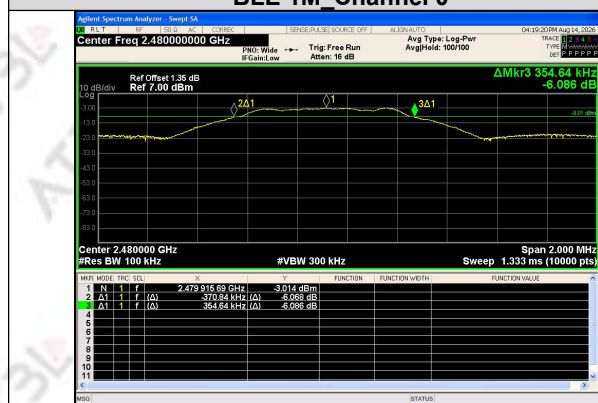
Test Graphs



BLE 1M_Channel 0



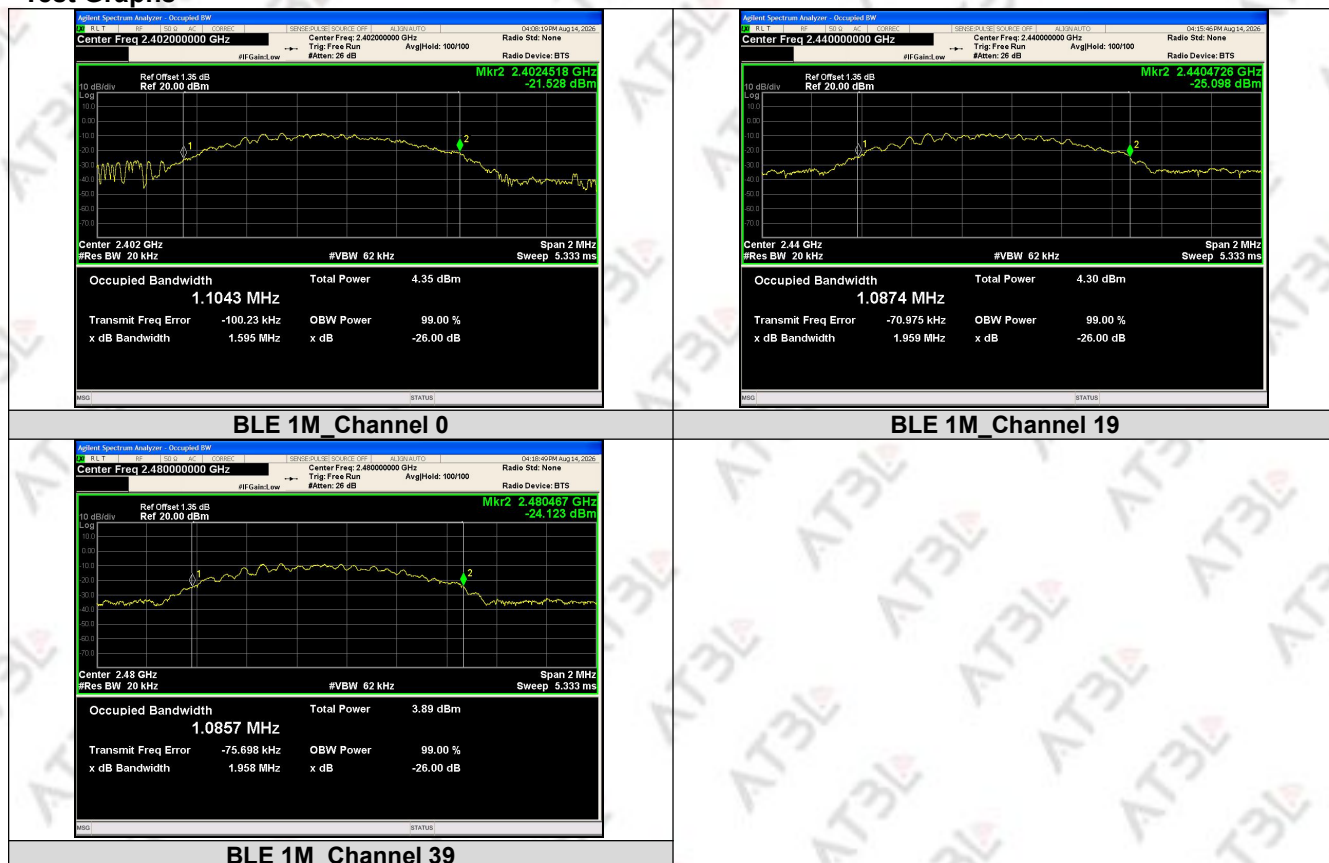
BLE 1M_Channel 19



BLE 1M_Channel 39

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.1043
	19	2440	1.0874
	39	2480	1.0857

Test Graphs

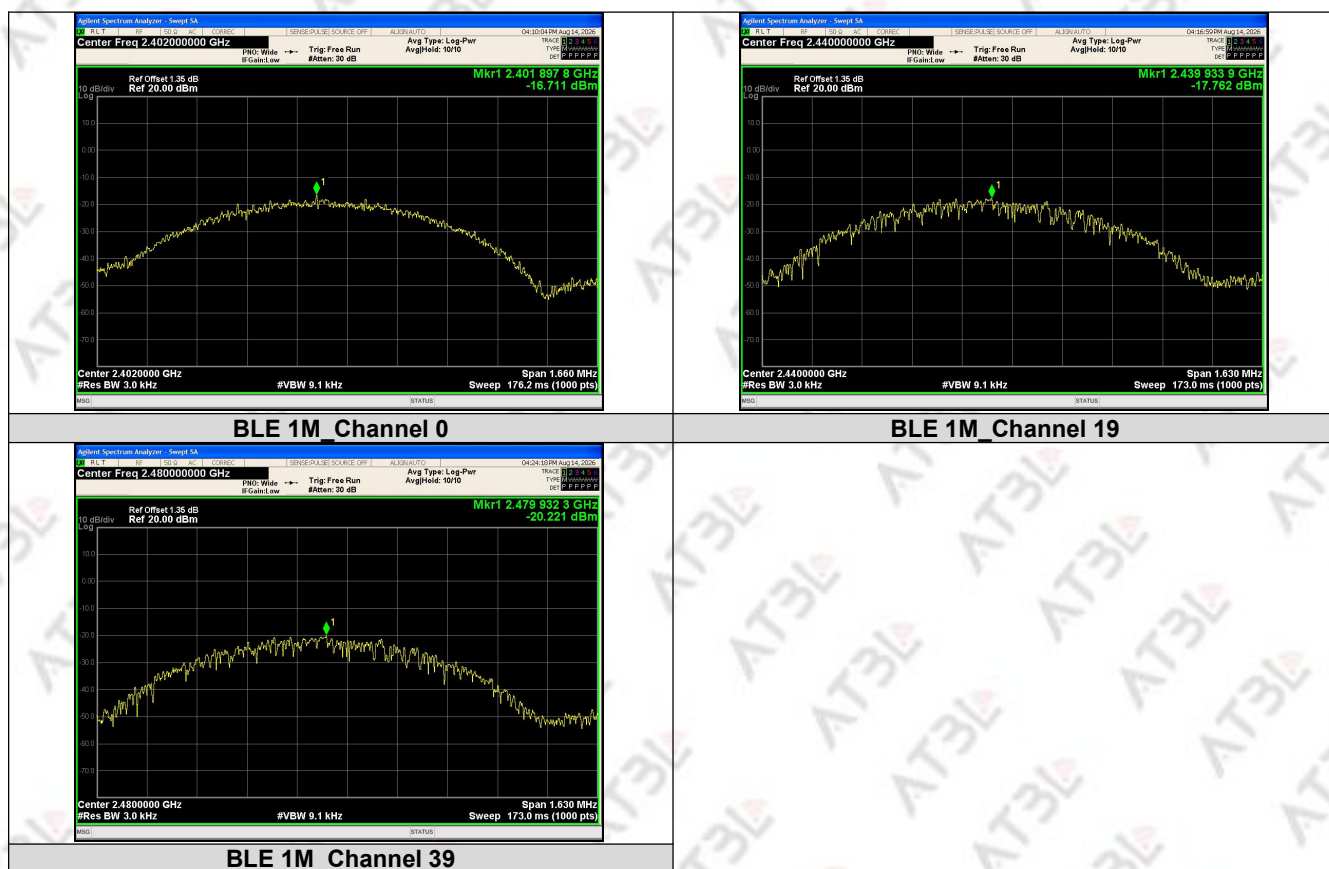


4.Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-16.710	≤8	PASS
	19	-17.760	≤8	PASS
	39	-20.220	≤8	PASS

Test Graphs

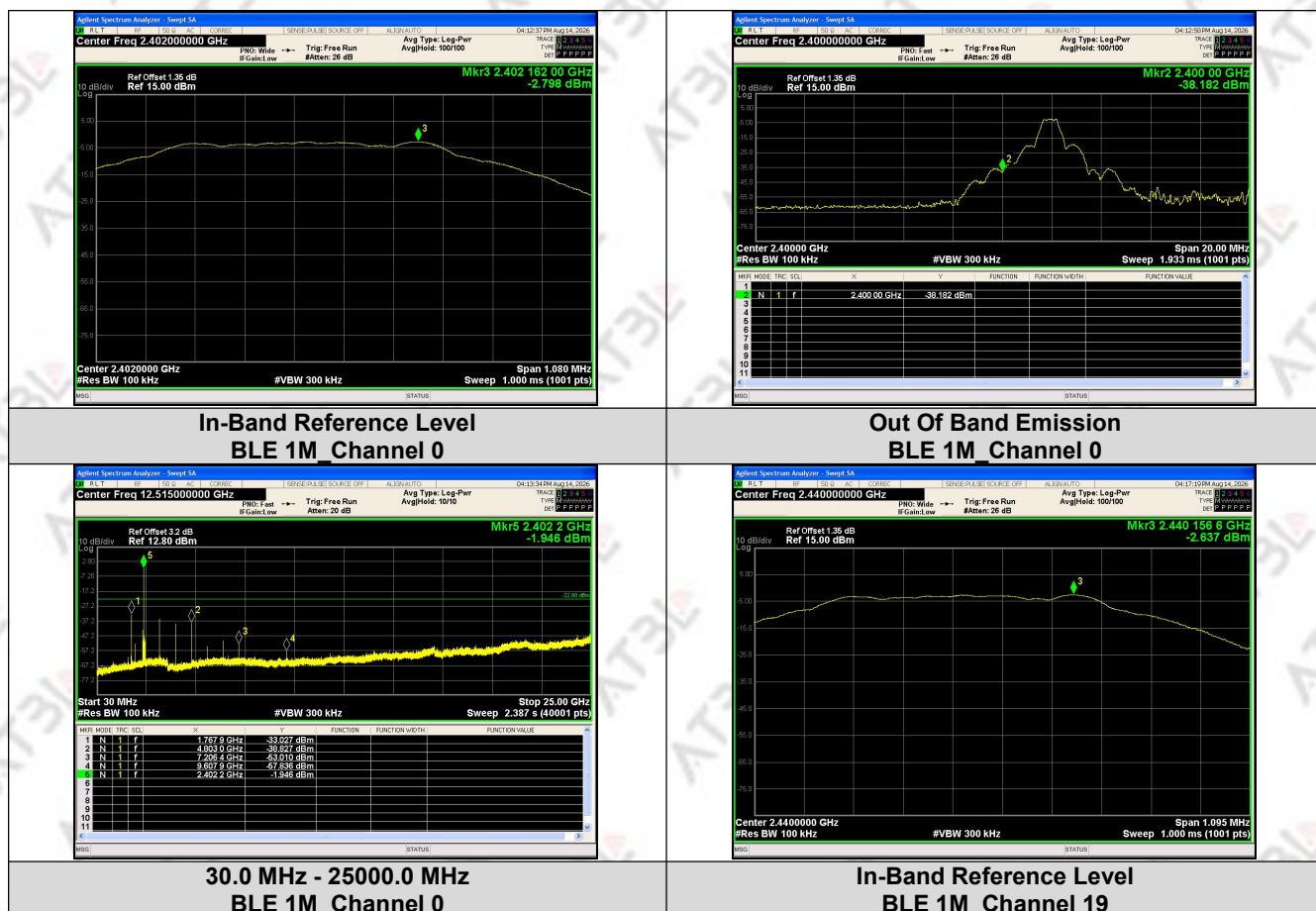


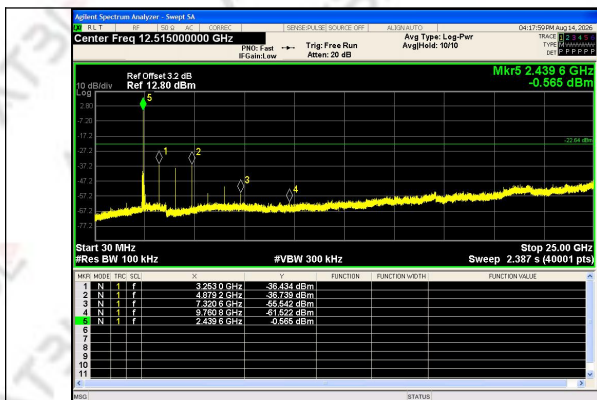
5. Conducted Spurious & Band Edge Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	1767.91	-33.027	-22.8	-10.227	PASS
		2400.00	-38.182	-22.8	-15.382	PASS
		4803.02	-38.827	-22.8	-16.027	PASS
		7206.38	-53.010	-22.8	-30.210	PASS
		9607.87	-57.836	-22.8	-35.036	PASS
	19	3253.00	-36.434	-22.64	-13.794	PASS
		4879.17	-36.739	-22.64	-14.099	PASS
		7320.62	-55.542	-22.64	-32.902	PASS
		9760.81	-61.522	-22.64	-38.882	PASS
	39	2483.50	-52.833	-23.0	-29.833	PASS
		4960.33	-35.981	-23.0	-12.981	PASS
		7439.22	-55.225	-23.0	-32.225	PASS
		9920.62	-62.673	-23.0	-39.673	PASS

Test Graphs

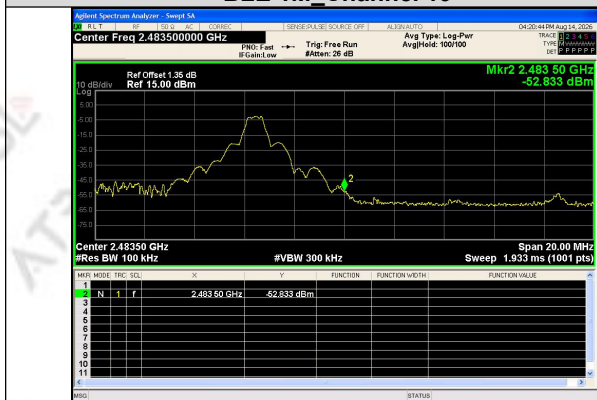




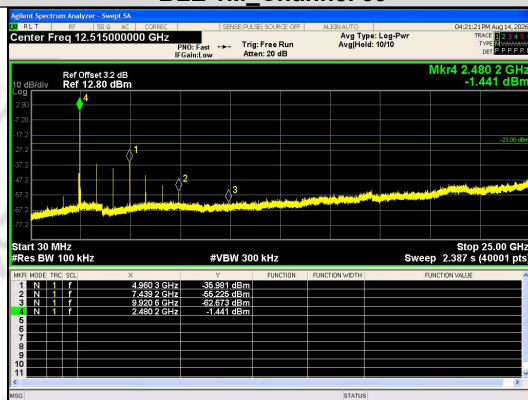
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



Out Of Band Emission
BLE 1M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39

*****END*****