

Appendix Report

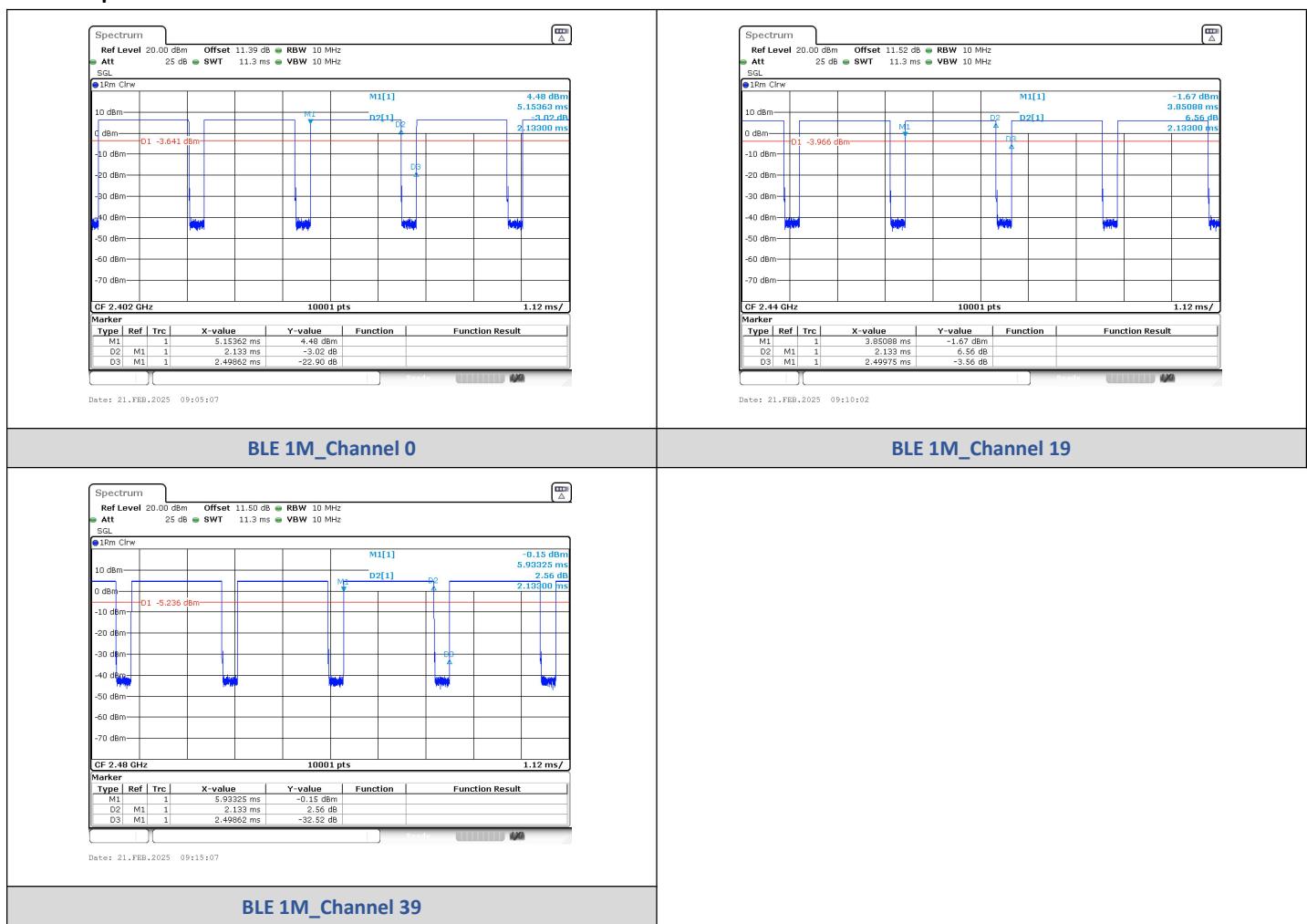
Report No.:	CISRR25022008204
Test Engineer:	Mark Fu
Supervised by:	Rory Huang

1) Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.133	2.499	85.37	0.8537	0.6869	0.4688
	19	2.133	2.500	85.33	0.8533	0.689	0.4688
	39	2.133	2.499	85.37	0.8537	0.6869	0.4688

Test Graphs

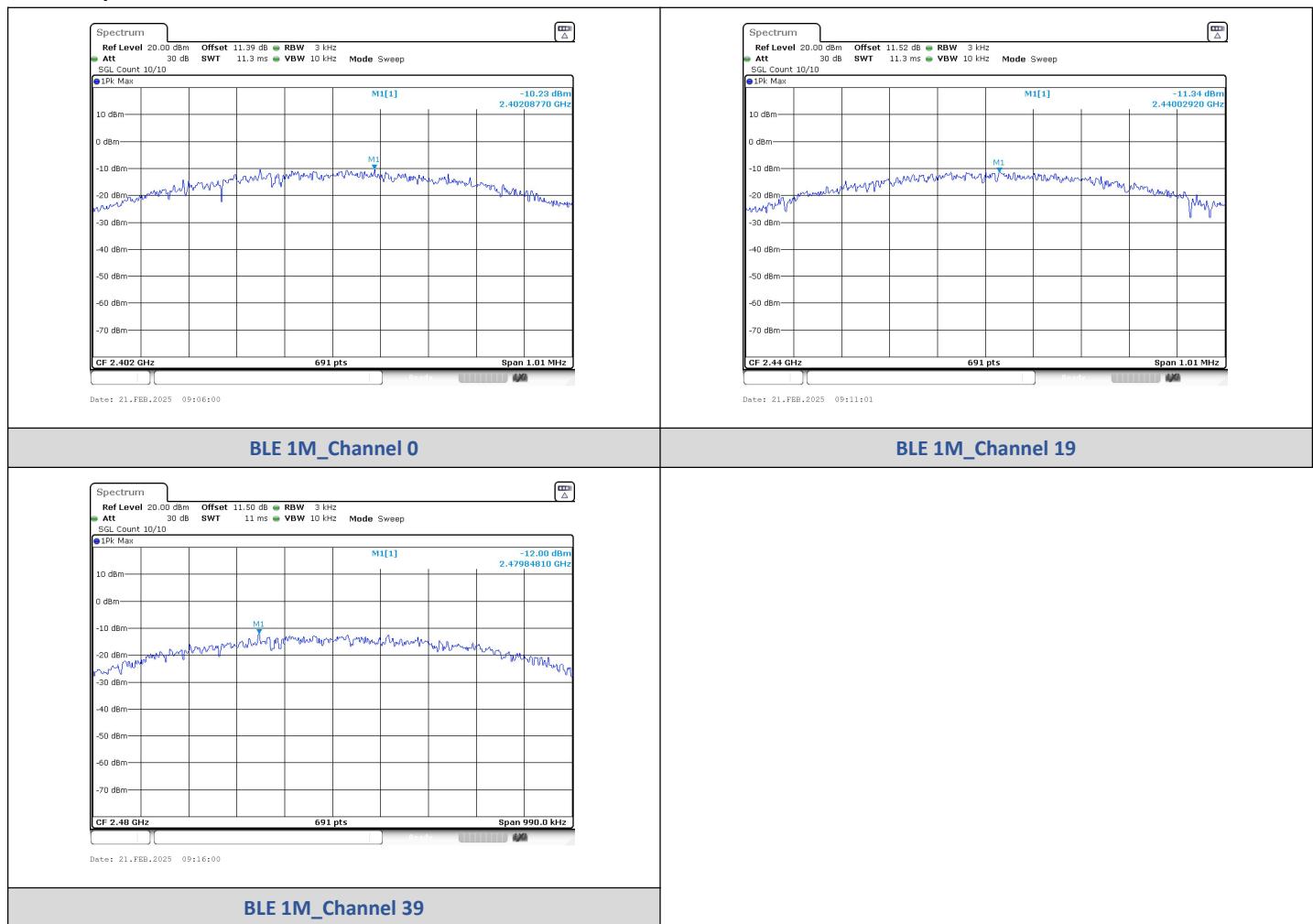


2) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-10.230	≤8	PASS
BLE 1M	19	-11.340	≤8	PASS
BLE 1M	39	-12.000	≤8	PASS

Test Graphs

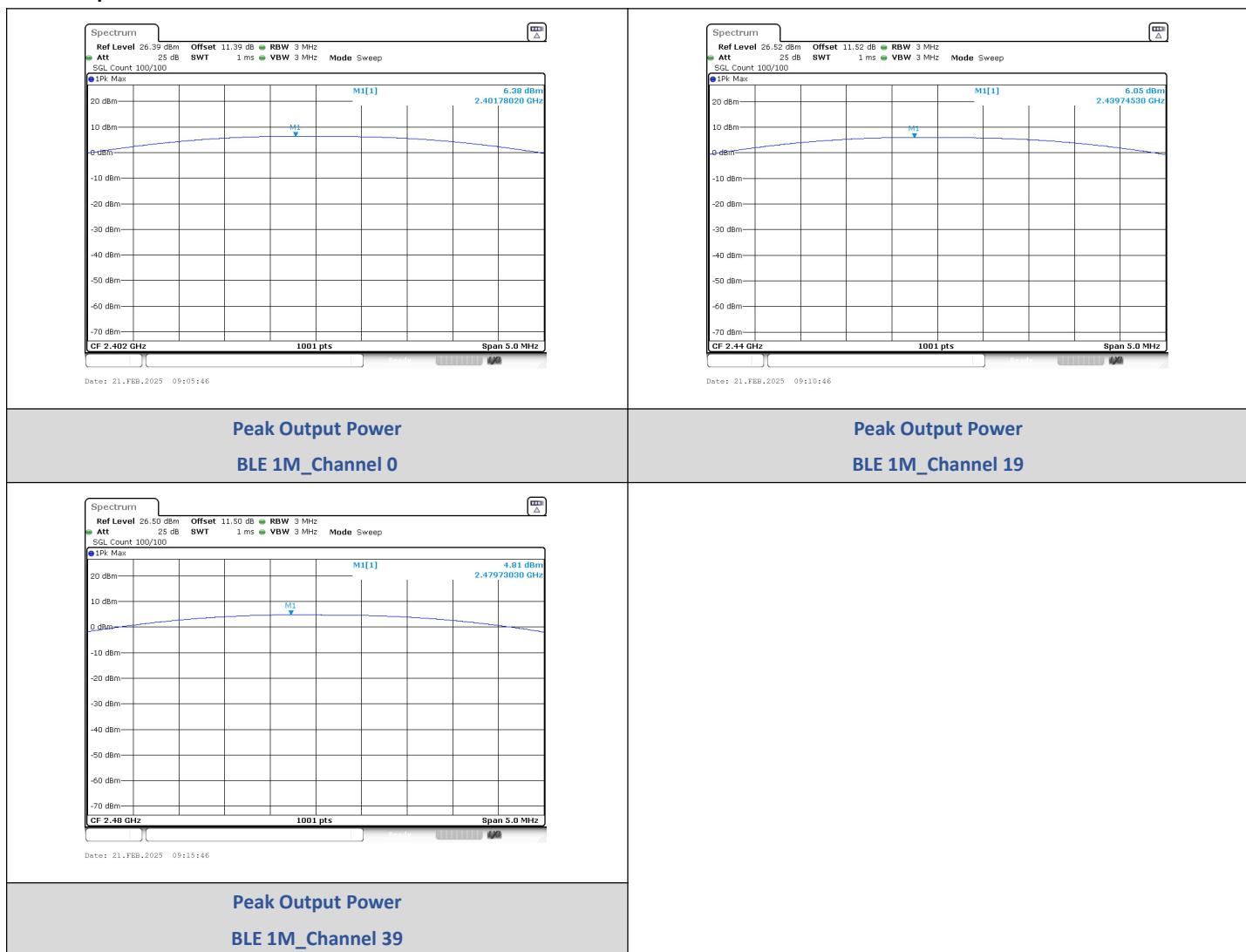


3) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	6.38	4.35	≤30	PASS
	19	6.05	4.03	≤30	PASS
	39	4.81	3.03	≤30	PASS

Test Graphs

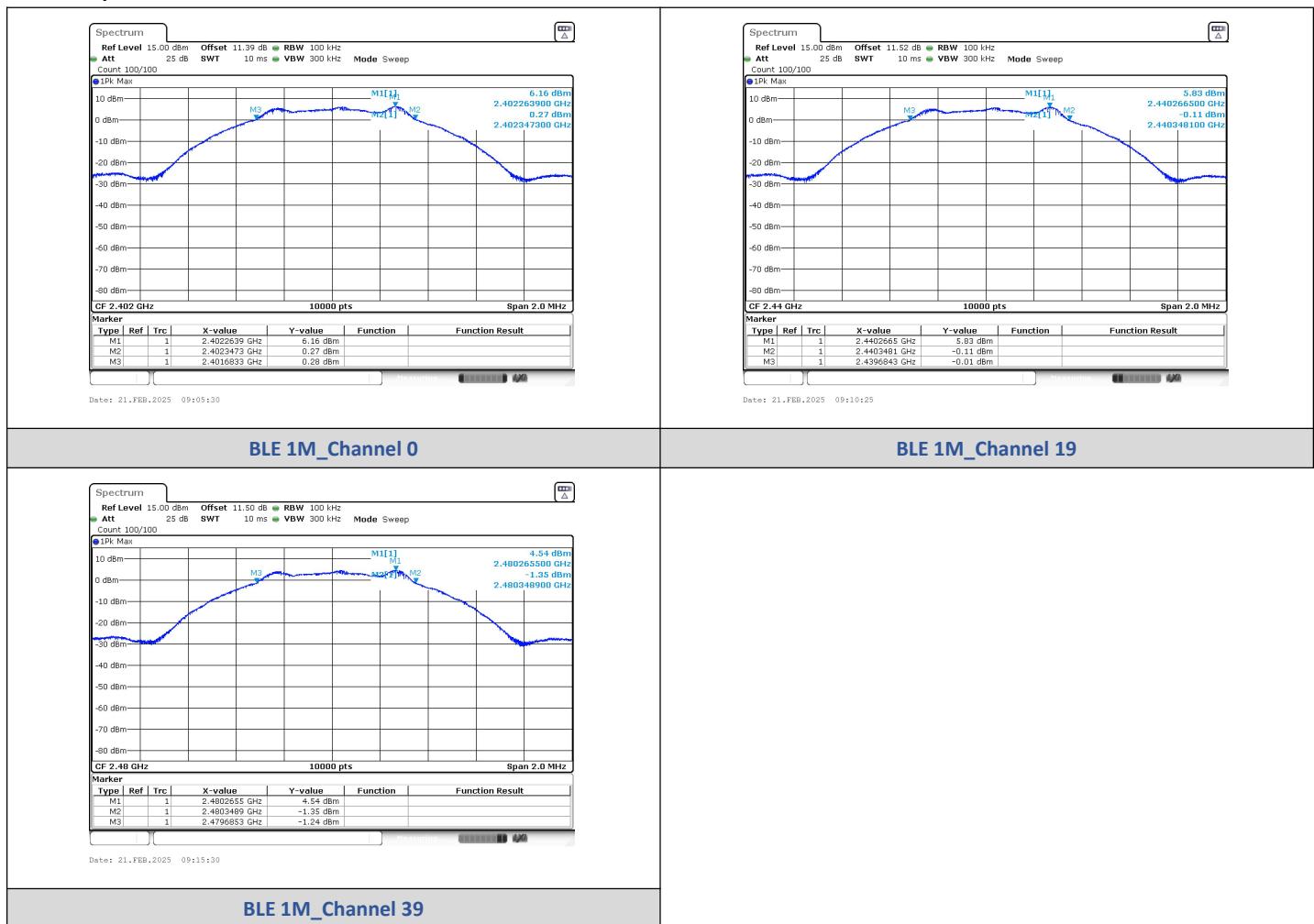


4) 6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6700	≥0.5	PASS
	19	2440	0.6700		PASS
	39	2480	0.6600		PASS

Test Graphs

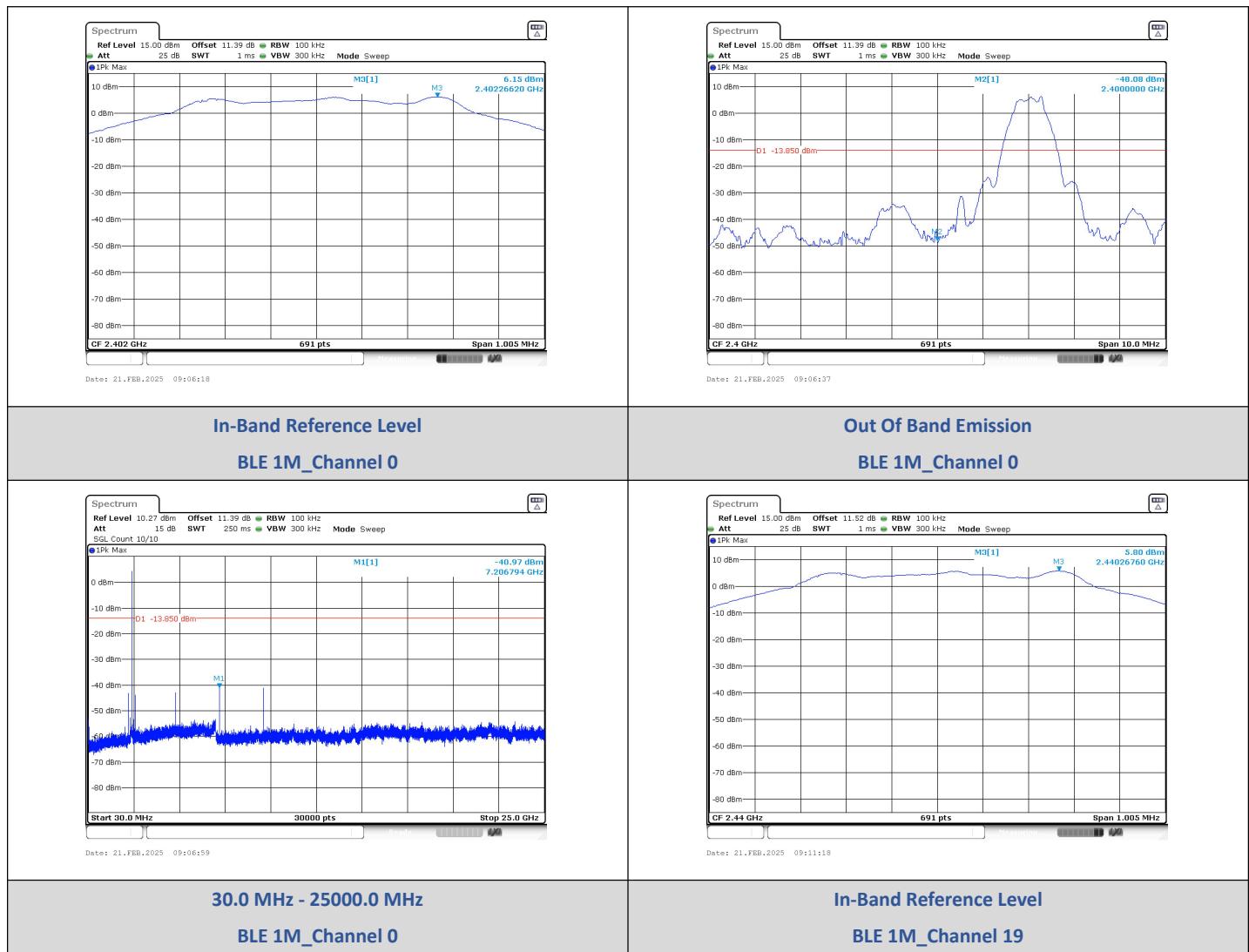


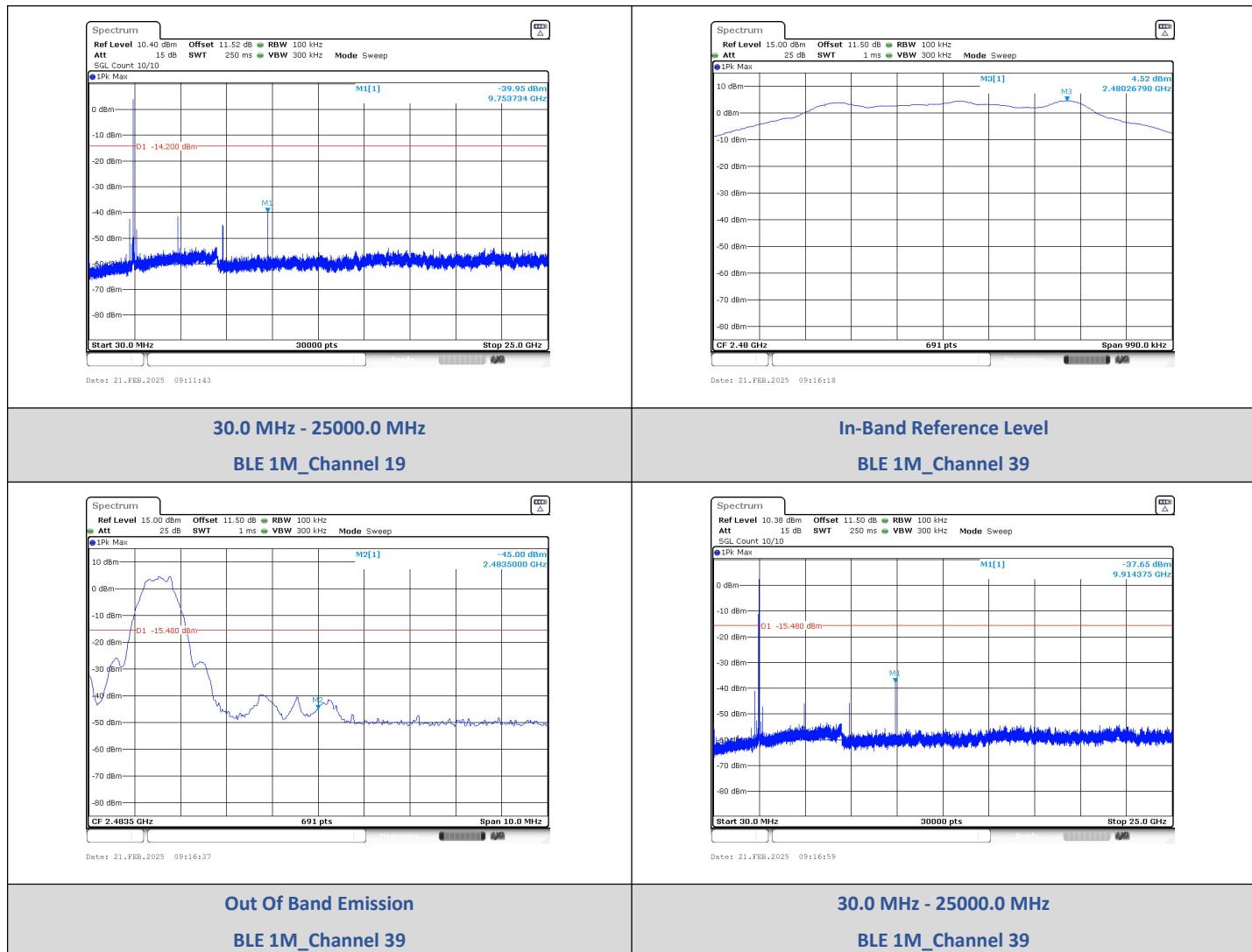
5) Conducted Out Of Band Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2399.00	-34.604	-13.85	-20.754	PASS
		2400.00	-48.080	-13.85	-34.230	PASS
		7206.80	-40.967	-13.85	-27.117	PASS
	19	9753.73	-39.946	-14.2	-25.746	PASS
	39	2483.50	-45.000	-15.48	-29.520	PASS
		9914.37	-37.652	-15.48	-22.172	PASS

Test Graphs





-----End of the report-----