

# Appendix Report

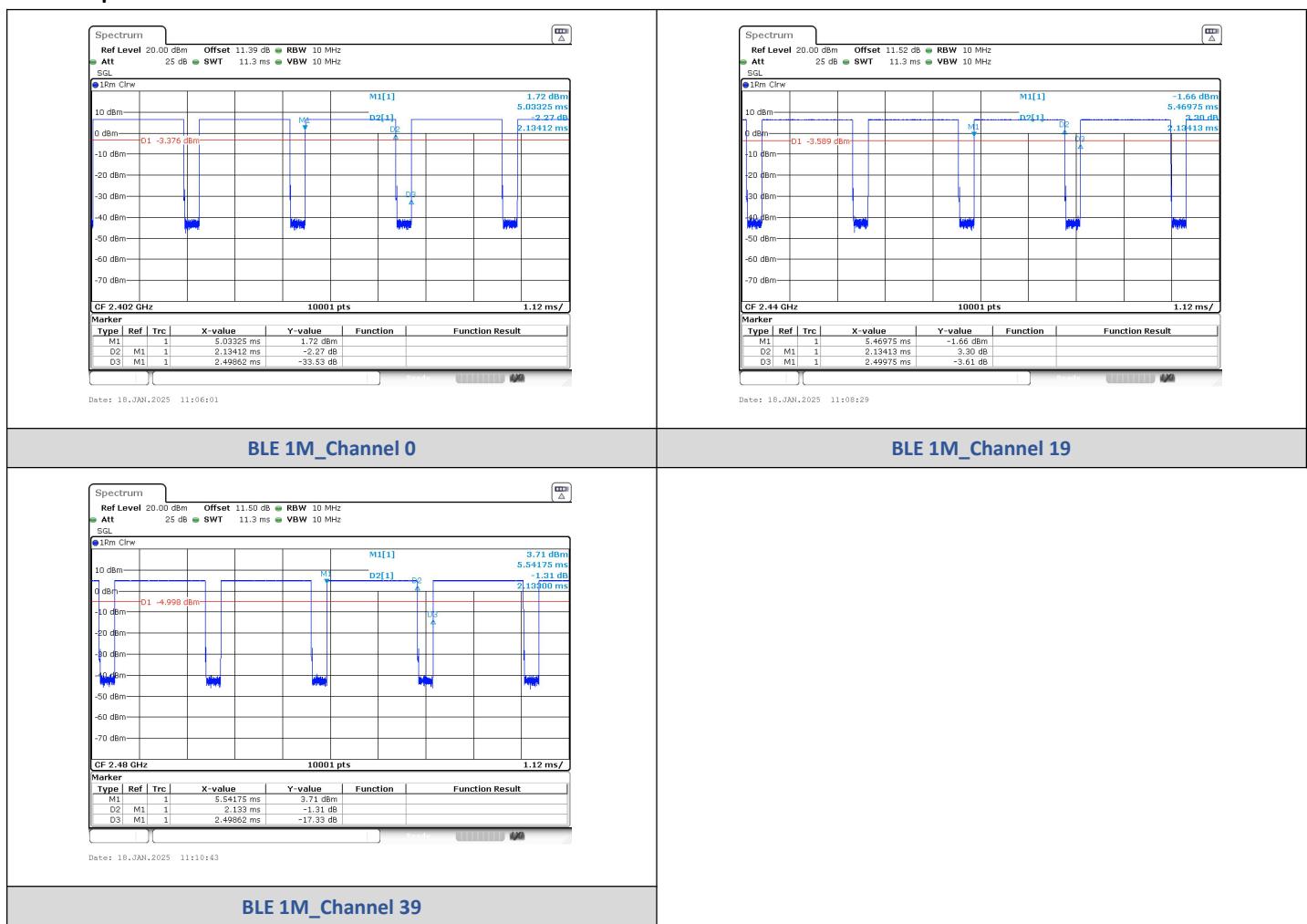
Report No.:	CISRR25011614404
Test Engineer:	Mark Fu
Supervised by:	Rory Huang

# 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	2.134	2.499	85.41	0.8541	0.6849	0.4686
	19	2.134	2.500	85.37	0.8537	0.6869	0.4686
	39	2.133	2.499	85.37	0.8537	0.6869	0.4688

## Test Graphs

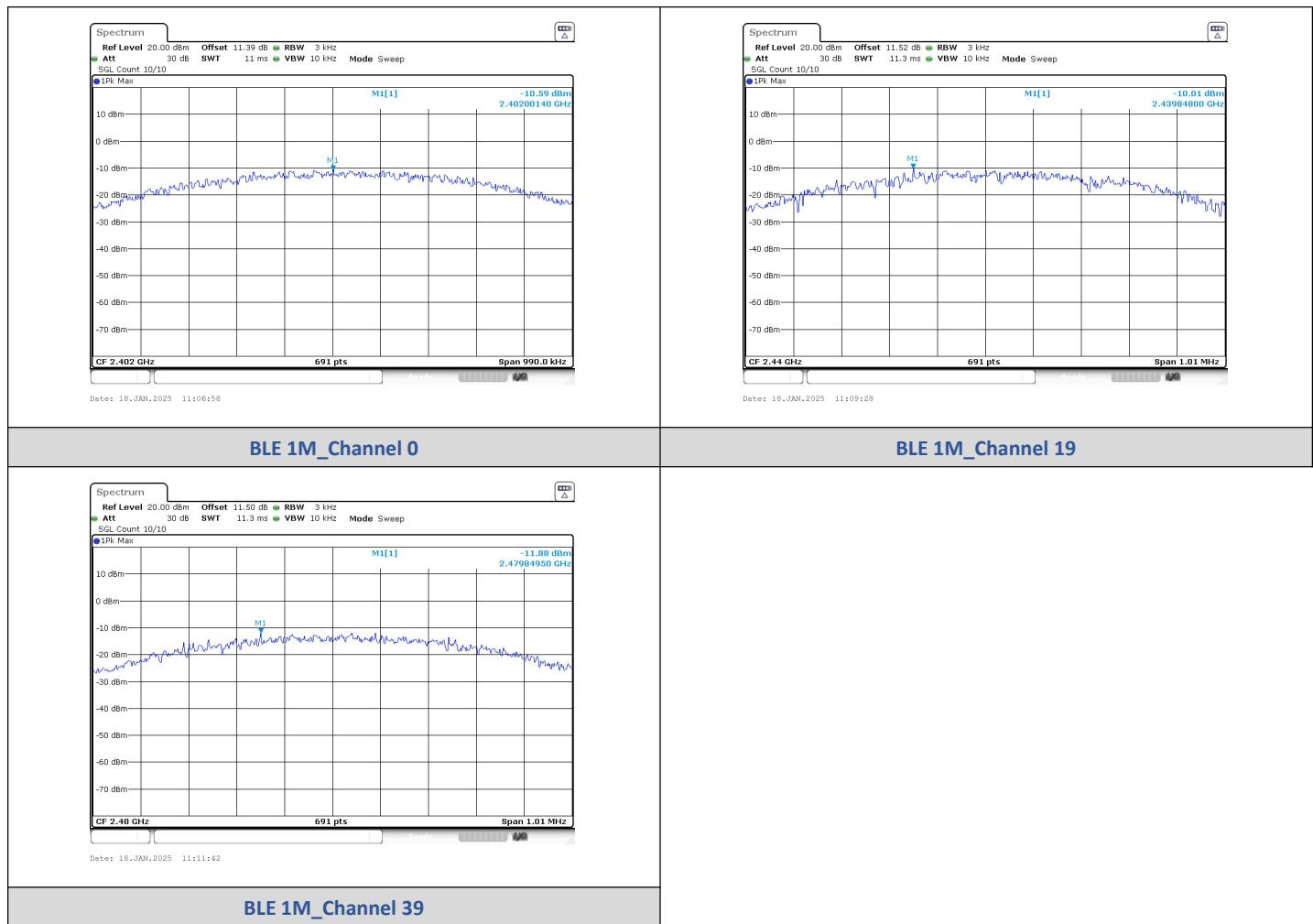


## 2) Power Spectral Density

### Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-10.590	≤8	PASS
BLE 1M	19	-10.010	≤8	PASS
BLE 1M	39	-11.880	≤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	6.61	4.58	≤30	PASS
	19	6.46	4.43	≤30	PASS
	39	5.06	3.21	≤30	PASS

#### Test Graphs

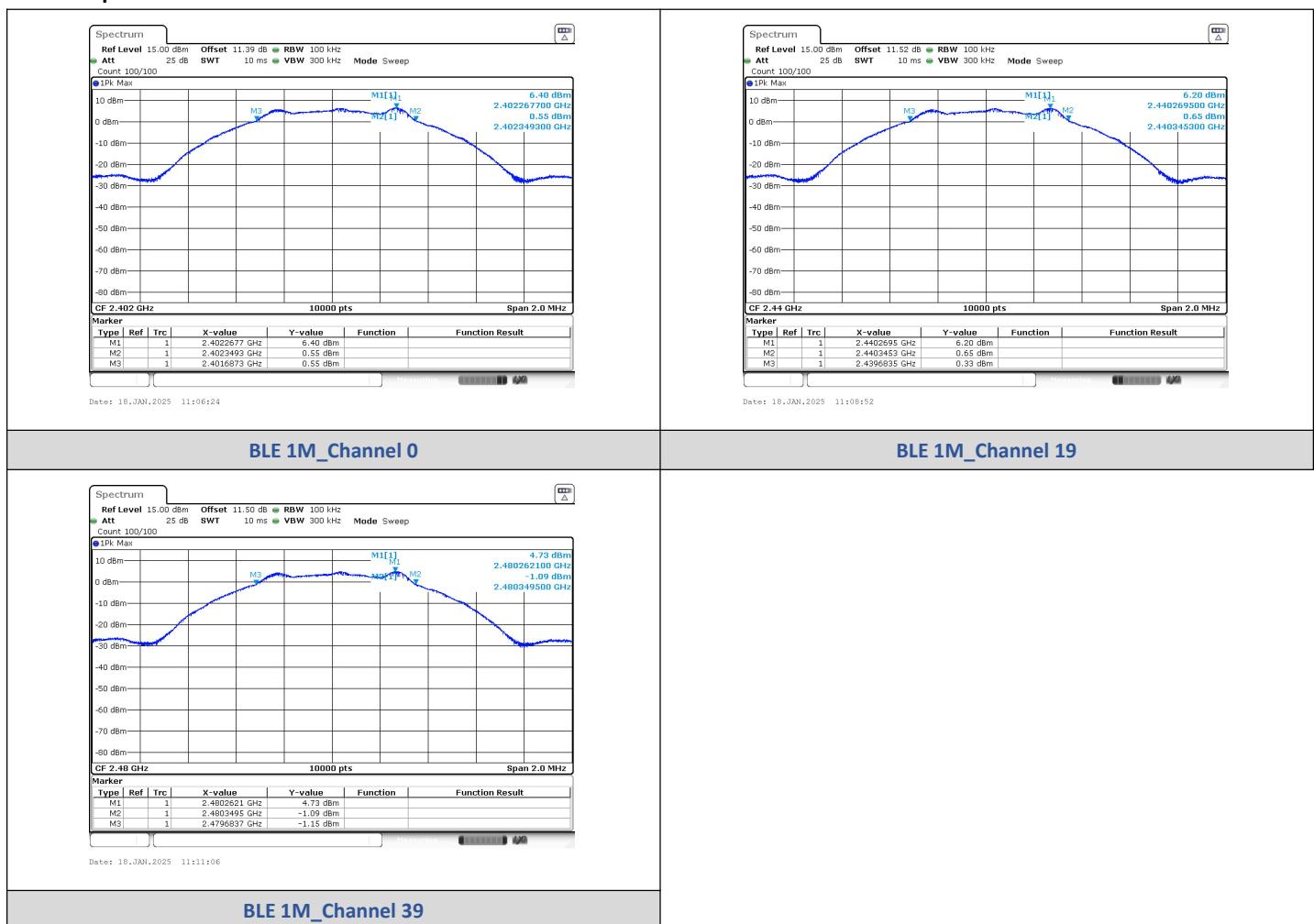


## 4) 6dB Bandwidth

### Test Result

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

### Test Graphs

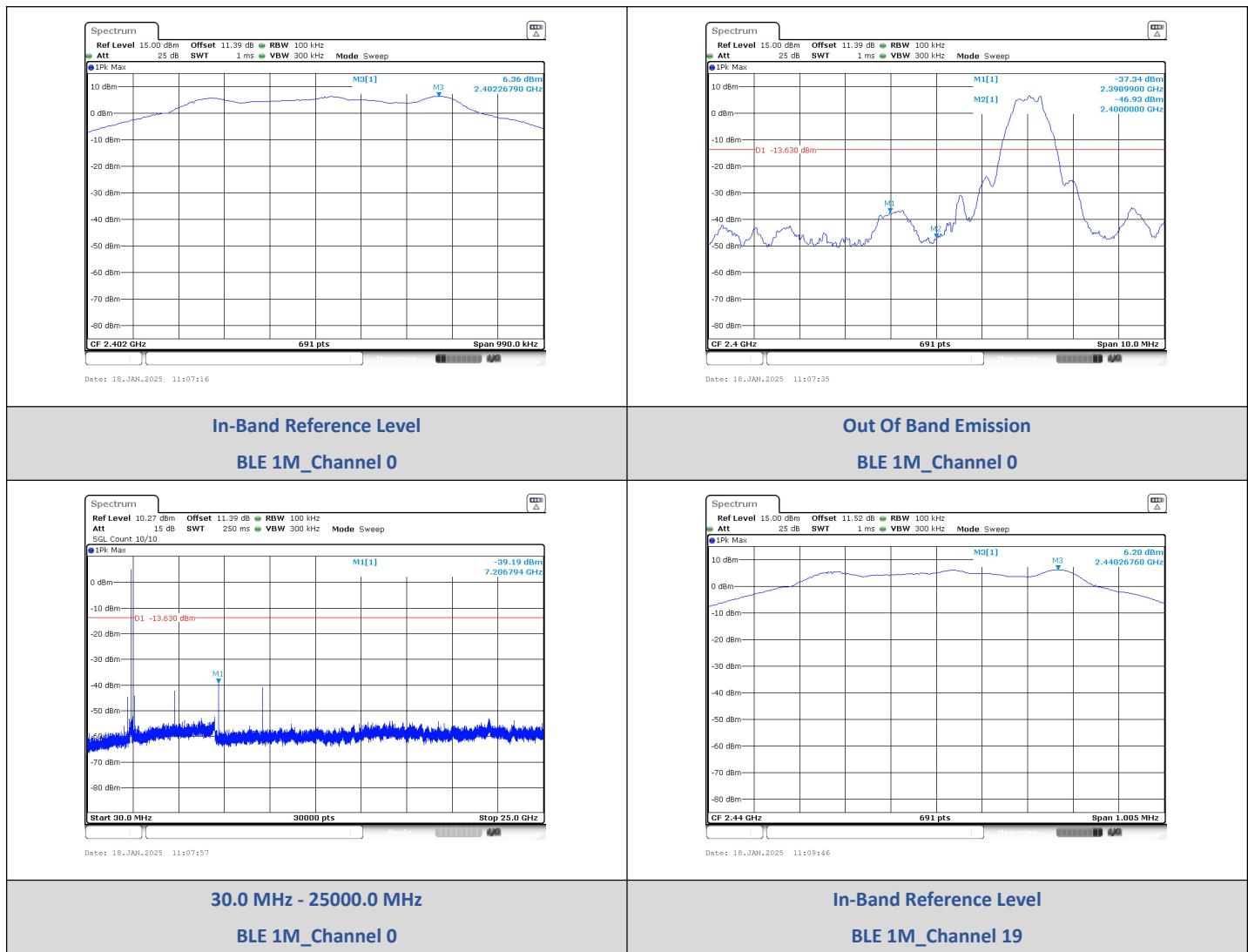


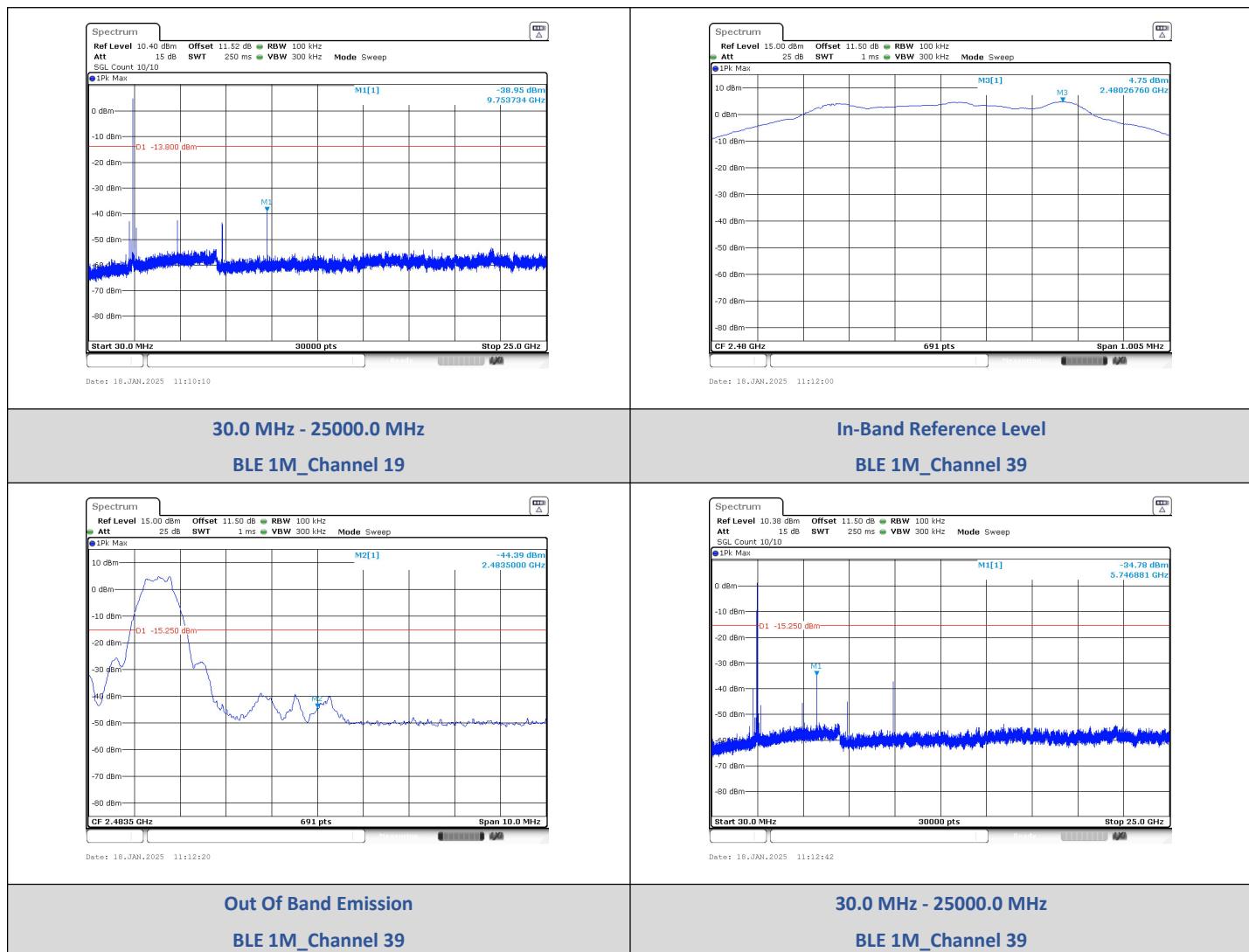
## 5) Conducted Out Of Band Emission

### Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2398.99	-37.343	-13.63	-23.713	PASS
		2400.00	-46.930	-13.63	-33.300	PASS
		7206.80	-39.194	-13.63	-25.564	PASS
	19	9753.73	-38.951	-13.8	-25.151	PASS
	39	2483.50	-44.390	-15.25	-29.140	PASS
		5746.88	-34.783	-15.25	-19.533	PASS

### Test Graphs





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