



Appendix Report

Report No.: CISRR250307056

Test Engineer: Mark Fu

Supervised by: Rory Huang

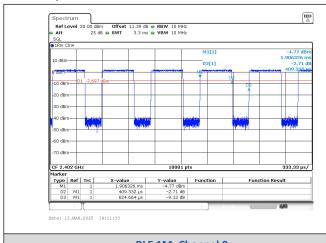


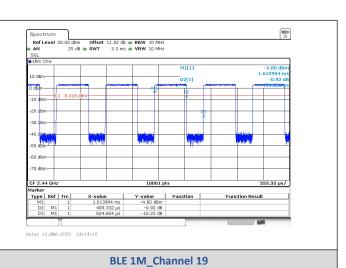


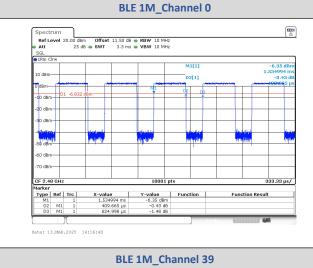
1) Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
	0	0.409	0.625	65.53	0.6553	1.8356	2.4450
BLE 1M	19	0.409	0.625	65.53	0.6553	1.8356	2.4450
	39	0.410	0.625	65.55	0.6555	1.8343	2.4390







Appendix Report 2/7

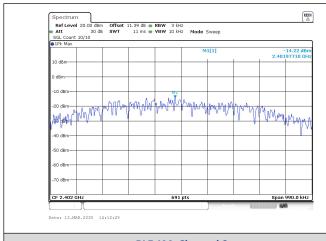


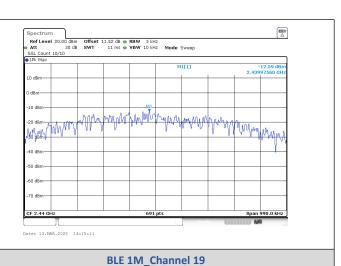


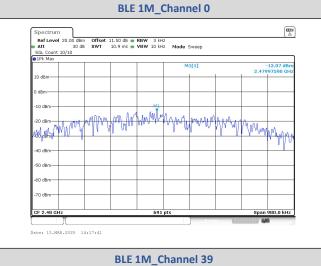
2) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-14.220	≤8	PASS
BLE 1M	19	-12.590	≤8	PASS
BLE 1M	39	-13.070	≤8	PASS







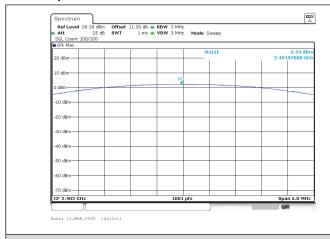


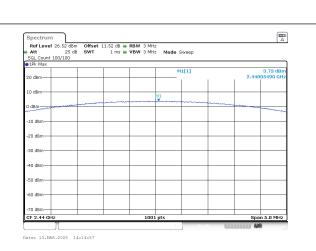
3) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
	0	2.24	1.67	≤30	PASS
BLE 1M	19	3.73	2.36	≤30	PASS
	39	3.16	2.07	≤30	PASS

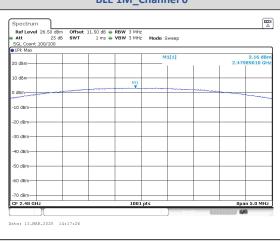
Test Graphs





Peak Output Power
BLE 1M_Channel 0

Peak Output Power
BLE 1M_Channel 19



Peak Output Power BLE 1M_Channel 39

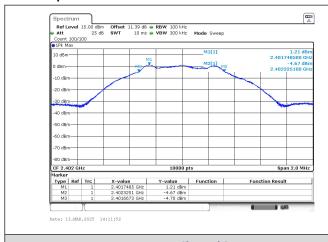


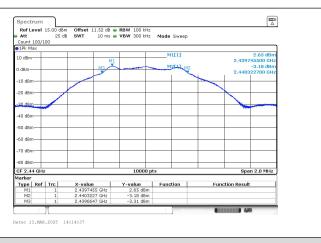


4) 6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
	0	2402	0.6600	≥0.5	PASS
BLE 1M	19	2440	0.6600		PASS
	39	2480	0.6500		PASS







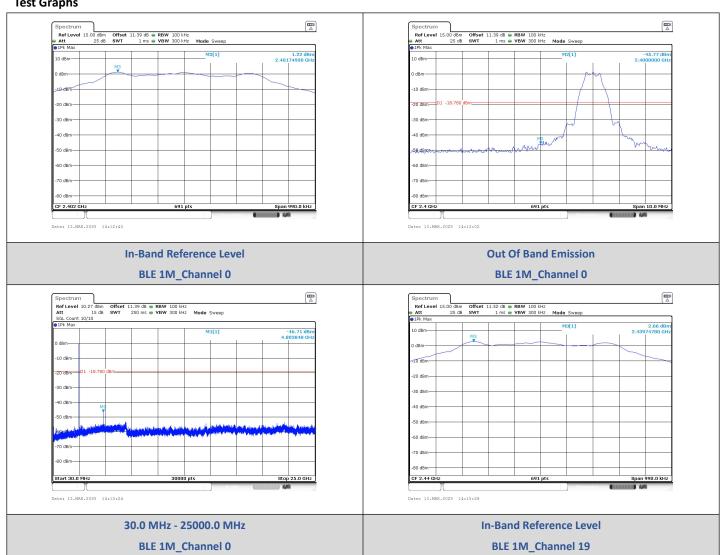
BLE 1M_Channel 19



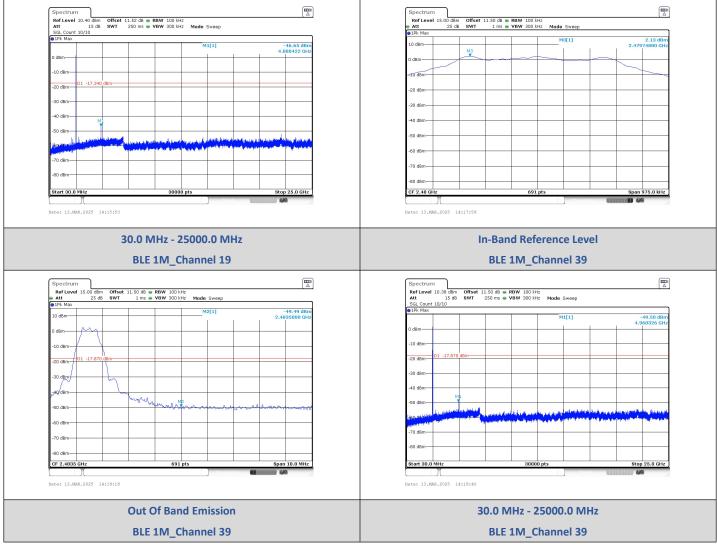
5) Conducted Out Of Band Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-47.660	-18.78	-28.880	PASS
	0	4803.85	-46.710	-18.78	-27.930	PASS
	19	4880.42	-46.654	-17.34	-29.314	PASS
	20	2483.50	-49.490	-17.87	-31.620	PASS
	39	4960.33	-49.499	-17.87	-31.629	PASS







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