

Appendix Report

Report No.:	CISRR24121313002
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	2.499	85.37	0.8537	0.6869	0.4688
	39	2.132	2.499	85.32	0.8532	0.6895	0.4690







2) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-10.850	≤8	PASS
BLE 1M	19	-11.300	≤8	PASS
BLE 1M	39	-12.200	≤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	6.11	4.08	≤30	PASS
	19	5.65	3.67	≤30	PASS



Report No.: CISRR24121313002

39 4.66 2.92 ≤30 PASS



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	0.6700		PASS



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	-37.182	-14.17	-23.012	PASS
		2400.00	-43.490	-14.17	-29.320	PASS
		9602.20	-43.374	-14.17	-29.204	PASS
	19	9753.73	-39.262	-14.64	-24.622	PASS
	39	2483.50	-45.050	-15.67	-29.380	PASS
		9914.37	-39.680	-15.67	-24.010	PASS







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