

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
BLE 1M	2402	10.000	10.000	100.000	0.000	0.010
BLE 2M	2402	10.000	10.000	100.000	0.000	0.010
BLR C2	2402	10.000	10.000	100.000	0.000	0.010
BLR C8	2402	10.000	10.000	100.000	0.000	0.010

Maximum Conducted Output Power Measurement												
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	Peak Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W			dBm	W			
BLE 1M	2402	2.68	0.0019	2.95	0.0020	30.00	1.82	4.77	0.0030	4.00	setting 5	Command
BLE 1M	2440	2.46	0.0018	2.71	0.0019	30.00	1.82	4.53	0.0028	4.00	setting 5	
BLE 1M	2480	2.37	0.0017	2.63	0.0018	30.00	1.82	4.45	0.0028	4.00	setting 5	
BLE 2M	2402	2.72	0.0019	2.98	0.0020	30.00	1.82	4.80	0.0030	4.00	setting 5	
BLE 2M	2440	2.51	0.0018	2.75	0.0019	30.00	1.82	4.57	0.0029	4.00	setting 5	
BLE 2M	2480	2.35	0.0017	2.61	0.0018	30.00	1.82	4.43	0.0028	4.00	setting 5	
BLR C2	2402	2.72	0.0019	2.96	0.0020	30.00	1.82	4.78	0.0030	4.00	setting 5	
BLR C2	2440	2.51	0.0018	2.75	0.0019	30.00	1.82	4.57	0.0029	4.00	setting 5	
BLR C2	2480	2.35	0.0017	2.61	0.0018	30.00	1.82	4.43	0.0028	4.00	setting 5	
BLR C8	2402	2.73	0.0019	2.98	0.0020	30.00	1.82	4.80	0.0030	4.00	setting 5	
BLR C8	2440	2.52	0.0018	2.78	0.0019	30.00	1.82	4.60	0.0029	4.00	setting 5	
BLR C8	2480	2.39	0.0017	2.65	0.0018	30.00	1.82	4.47	0.0028	4.00	setting 5	

Note: The relevant measured result has the offset with cable loss already.

6 dB Bandwidth and 99 % Occupied Bandwidth

Test mode	Frequency	99 % Occupied Bandwidth	6 dB Bandwidth	6 dB Limit
	(MHz)	(MHz)	(kHz)	(kHz)
BLE 2M	2402	2.0507	1384	≥ 500
BLE 2M	2440	2.0749	1445	≥ 500
BLE 2M	2480	2.0840	1445	≥ 500
BLR C8	2402	1.0771	728.0	≥ 500
BLR C8	2440	1.0829	740.9	≥ 500
BLR C8	2480	1.0894	757.9	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-11.64	≤ 8
BLE 2M	2440	-11.14	≤ 8
BLE 2M	2480	-11.69	≤ 8
BLR C8	2402	-3.16	≤ 8
BLR C8	2440	-2.98	≤ 8
BLR C8	2480	-3.32	≤ 8