

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	0.386	0.626	61.661	2.100	2.591
BLE 2M	2402	0.202	0.626	32.268	4.912	4.950
BLR C2	2402	1.062	1.876	56.610	2.471	0.942
BLR C8	2402	3.100	3.750	82.667	0.827	0.323

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W	dBm		
BLE 1M	2402	13.02	0.0200	13.53	0.0225	30.00	14.00	Mform V1.16.1.6
BLE 1M	2440	13.01	0.0200	13.52	0.0225	30.00	14.00	
BLE 1M	2480	13.06	0.0202	13.54	0.0226	30.00	14.00	
BLE 2M	2402	13.23	0.0210	13.68	0.0233	30.00	14.00	
BLE 2M	2440	13.01	0.0200	13.53	0.0225	30.00	14.00	
BLE 2M	2480	13.09	0.0204	13.54	0.0226	30.00	14.00	
BLR C2	2402	13.26	0.0212	13.60	0.0229	30.00	14.00	
BLR C2	2440	13.14	0.0206	13.51	0.0224	30.00	14.00	
BLR C2	2480	13.12	0.0205	13.58	0.0228	30.00	14.00	
BLR C8	2402	13.32	0.0215	13.64	0.0231	30.00	14.00	
BLR C8	2440	13.27	0.0212	13.64	0.0231	30.00	14.00	
BLR C8	2480	13.13	0.0205	13.60	0.0229	30.00	14.00	

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	2.059	1182.0000	≥ 500
BLE 2M	2440	2.058	1176.0000	≥ 500
BLE 2M	2480	2.058	1182.0000	≥ 500
BLR C8	2402	1.054	691.7000	≥ 500
BLR C8	2440	1.053	686.0000	≥ 500
BLR C8	2480	1.052	691.7000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-3.970	≤ 8
BLE 2M	2440	-4.570	≤ 8
BLE 2M	2480	-4.620	≤ 8
BLR C8	2402	7.230	≤ 8
BLR C8	2440	6.890	≤ 8
BLR C8	2480	7.090	≤ 8