

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
BLE 2M	2402	1.104	1.880	58.723	2.312	0.906
BLR C8	2402	17.160	17.460	98.282	0.075	0.010

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	Average Power		Power Limit	Peak Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	dBi	dBm	W	W		
BLE 1M	2402	0.44	0.0011	30.00	2.70	3.14	0.0021	4.00	Default	Engineer Mode
BLE 1M	2440	1.06	0.0013	30.00	2.70	3.76	0.0024	4.00	Default	
BLE 1M	2480	1.25	0.0013	30.00	2.70	3.95	0.0025	4.00	Default	
BLE 2M	2402	0.49	0.0011	30.00	2.70	3.19	0.0021	4.00	Default	
BLE 2M	2440	1.12	0.0013	30.00	2.70	3.82	0.0024	4.00	Default	
BLE 2M	2480	1.30	0.0013	30.00	2.70	4.00	0.0025	4.00	Default	
BLR C2	2402	0.43	0.0011	30.00	2.70	3.13	0.0021	4.00	Default	
BLR C2	2440	1.07	0.0013	30.00	2.70	3.77	0.0024	4.00	Default	
BLR C2	2480	1.25	0.0013	30.00	2.70	3.95	0.0025	4.00	Default	
BLR C8	2402	0.45	0.0011	30.00	2.70	3.15	0.0021	4.00	Default	
BLR C8	2440	1.09	0.0013	30.00	2.70	3.79	0.0024	4.00	Default	
BLR C8	2480	1.28	0.0013	30.00	2.70	3.98	0.0025	4.00	Default	

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	2.055	1183.0000	≥ 500
BLE 2M	2440	2.055	1182.0000	≥ 500
BLE 2M	2480	2.055	1184.0000	≥ 500
BLR C8	2402	1.043	686.5000	≥ 500
BLR C8	2440	1.044	685.5000	≥ 500
BLR C8	2480	1.043	683.8000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-18.671	≤ 8
BLE 2M	2440	-17.698	≤ 8
BLE 2M	2480	-17.538	≤ 8
BLR C8	2402	-5.849	≤ 8
BLR C8	2440	-5.133	≤ 8
BLR C8	2480	-4.922	≤ 8