

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	1.107	1.876	59.009	2.291	0.903
BLR C8	2402	4.590	4.995	91.892	0.367	0.218

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	dBd	dBm	W	W		
BLE 1M	2402	1.21	0.0013	30.00	1.87	3.08	0.0020	4.00	4.00	ADB
BLE 1M	2440	1.90	0.0015	30.00	1.87	3.77	0.0024	4.00	4.00	
BLE 1M	2480	1.98	0.0016	30.00	1.87	3.85	0.0024	4.00	4.00	
BLE 2M	2402	1.26	0.0013	30.00	1.87	3.13	0.0021	4.00	4.00	
BLE 2M	2440	1.93	0.0016	30.00	1.87	3.80	0.0024	4.00	4.00	
BLE 2M	2480	2.01	0.0016	30.00	1.87	3.88	0.0024	4.00	4.00	
BLR C2	2402	1.20	0.0013	30.00	1.87	3.07	0.0020	4.00	4.00	
BLR C2	2440	1.87	0.0015	30.00	1.87	3.74	0.0024	4.00	4.00	
BLR C2	2480	1.95	0.0016	30.00	1.87	3.82	0.0024	4.00	4.00	
BLR C8	2402	1.27	0.0013	30.00	1.87	3.14	0.0021	4.00	4.00	
BLR C8	2440	1.94	0.0016	30.00	1.87	3.81	0.0024	4.00	4.00	
BLR C8	2480	2.01	0.0016	30.00	1.87	3.88	0.0024	4.00	4.00	

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	2.078	1191.0000	≥ 500
BLE 2M	2440	2.078	1193.0000	≥ 500
BLE 2M	2480	2.079	1192.0000	≥ 500
BLR C8	2402	1.028	671.1000	≥ 500
BLR C8	2440	1.028	671.5000	≥ 500
BLR C8	2480	1.029	669.5000	≥ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-17.690	≤ 8
BLE 2M	2440	-16.740	≤ 8
BLE 2M	2480	-16.710	≤ 8
BLR C8	2402	-6.210	≤ 8
BLR C8	2440	-4.580	≤ 8
BLR C8	2480	-4.250	≤ 8