

## 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 1M	2402	0.396	0.624	63.462	1.975	2.525
BLE 2M	2402	0.216	0.627	34.450	4.628	4.630
BLR C2	2402	1.085	1.875	57.867	2.376	0.922
BLR C8	2402	3.135	3.750	83.600	0.778	0.319

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			
BLE 1M	2402	3.58	0.0023	3.95	0.0025	30.00	default	QRCT / 4.0.209.0
BLE 1M	2440	3.30	0.0021	3.65	0.0023	30.00	default	
BLE 1M	2480	3.92	0.0025	4.26	0.0027	30.00	default	
BLE 2M	2402	3.45	0.0022	4.22	0.0026	30.00	default	
BLE 2M	2440	3.16	0.0021	3.93	0.0025	30.00	default	
BLE 2M	2480	3.84	0.0024	4.58	0.0029	30.00	default	
BLR C2	2402	3.60	0.0023	3.99	0.0025	30.00	default	
BLR C2	2440	3.32	0.0021	3.68	0.0023	30.00	default	
BLR C2	2480	3.96	0.0025	4.29	0.0027	30.00	default	
BLR C8	2402	3.62	0.0023	4.00	0.0025	30.00	default	
BLR C8	2440	3.33	0.0022	3.71	0.0023	30.00	default	
BLR C8	2480	3.97	0.0025	4.31	0.0027	30.00	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	2.012	1174.0000	$\geq 500$
BLE 2M	2440	2.011	1172.0000	$\geq 500$
BLE 2M	2480	2.009	1174.0000	$\geq 500$
BLR C8	2402	1.046	629.3000	$\geq 500$
BLR C8	2440	1.046	628.7000	$\geq 500$
BLR C8	2480	1.046	628.8000	$\geq 500$

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-13.840	$\leq 8$
BLE 2M	2440	-14.270	$\leq 8$
BLE 2M	2480	-13.450	$\leq 8$
BLR C8	2402	-2.470	$\leq 8$
BLR C8	2440	-2.850	$\leq 8$
BLR C8	2480	-2.080	$\leq 8$