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	15.000	15.000	100.000	0.000	0.010

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	-6.54	0.0002	-5.78	0.0003	30.00	-6.00	Tera Term/4.106
BLE 1M	2440	-5.41	0.0003	-4.83	0.0003	30.00	4.00	
BLE 1M	2480	-5.37	0.0003	-4.81	0.0003	30.00	4.00	
BLE 2M	2402	-3.77	0.0004	-3.35	0.0005	30.00	17.00	
BLE 2M	2440	-2.61	0.0005	-2.24	0.0006	30.00	26.00	
BLE 2M	2480	-1.38	0.0007	-1.10	0.0008	30.00	40.00	

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 1M	2402	1.024	676.6000	≧ 500
BLE 1M	2440	1.025	673.8000	≧ 500
BLE 1M	2480	1.026	672.0000	≧ 500
BLE 2M	2402	2.047	1380.0000	≧ 500
BLE 2M	2440	2.046	1379.0000	≧ 500
BLE 2M	2480	2.047	1378.0000	≧ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	-22.350	≦ 8
BLE 1M	2440	-21.150	≦ 8
BLE 1M	2480	-21.130	≦ 8
BLE 2M	2402	-25.730	≦ 8
BLE 2M	2440	-24.380	≦ 8
BLE 2M	2480	-23.230	≦ 8