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	0.414	0.626	66.134	1.796	2.415
BLE 2M	2402	0.230	0.626	36.741	4.348	4.348
BLR C2	2402	1.107	1.876	59.009	2.291	0.903
BLR C8	2402	3.150	3.750	84.000	0.757	0.317

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	-13.92	0.0000	-10.35	0.0001	30.00	4.00	putty
BLE 1M	2440	-14.37	0.0000	-10.85	0.0001	30.00	4.00	
BLE 1M	2480	-14.65	0.0000	-11.08	0.0001	30.00	4.00	
BLE 2M	2402	-8.92	0.0001	-5.18	0.0003	30.00	5.00	
BLE 2M	2440	-9.31	0.0001	-5.65	0.0003	30.00	5.00	
BLE 2M	2480	-9.55	0.0001	-5.85	0.0003	30.00	5.00	
BLR C2	2402	-12.06	0.0001	-10.30	0.0001	30.00	4.00	
BLR C2	2440	-12.56	0.0001	-10.83	0.0001	30.00	4.00	
BLR C2	2480	-12.82	0.0001	-11.12	0.0001	30.00	4.00	
BLR C8	2402	-10.79	0.0001	-10.27	0.0001	30.00	4.00	
BLR C8	2440	-11.25	0.0001	-10.78	0.0001	30.00	4.00	
BLR C8	2480	-11.59	0.0001	-11.11	0.0001	30.00	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	2.029	1146.0000	≧ 500
BLE 2M	2440	2.031	1154.0000	≧ 500
BLE 2M	2480	2.030	1161.0000	≧ 500
BLR C8	2402	1.044	627.1000	≧ 500
BLR C8	2440	1.047	626.7000	≧ 500
BLR C8	2480	1.047	625.8000	≧ 500

Maximum Power Density Measurement			
Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 2M	2402	-9.870	≦ 8
BLE 2M	2440	-10.270	≦ 8
BLE 2M	2480	-10.870	≦ 8
BLR C8	2402	-16.550	≦ 8
BLR C8	2440	-17.030	≦ 8
BLR C8	2480	-17.260	≦ 8