# 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 | 0.390 | 0.624 | 62.500 | 2.041 | 2.564 |
| BLE 2M | 2402 | 0.204 | 0.626 | 32.588 | 4.869 | 4.902 |
| BLR C2 | 2402 | 1.077 | 1.876 | 57.409 | 2.410 | 0.929 |
| 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 | dBm | | |
| BLE 1M | 2402 | -1.22 | 0.0008 | -0.75 | 0.0008 | 30.00 | Default | Engineering code |
| BLE 1M | 2440 | -1.19 | 0.0008 | -0.73 | 0.0008 | 30.00 | Default | |
| BLE 1M | 2480 | -0.75 | 0.0008 | -0.35 | 0.0009 | 30.00 | Default | |
| BLE 2M | 2402 | -1.20 | 0.0008 | -0.79 | 0.0008 | 30.00 | Default | |
| BLE 2M | 2440 | -1.15 | 0.0008 | -0.75 | 0.0008 | 30.00 | Default | |
| BLE 2M | 2480 | -0.71 | 0.0008 | -0.31 | 0.0009 | 30.00 | Default | |
| BLR C2 | 2402 | -1.19 | 0.0008 | -0.77 | 0.0008 | 30.00 | Default | |
| BLR C2 | 2440 | -1.15 | 0.0008 | -0.76 | 0.0008 | 30.00 | Default | |
| BLR C2 | 2480 | -0.71 | 0.0008 | -0.34 | 0.0009 | 30.00 | Default | |
| BLR C8 | 2402 | -1.11 | 0.0008 | -0.72 | 0.0008 | 30.00 | Default | |
| BLR C8 | 2440 | -1.10 | 0.0008 | -0.71 | 0.0008 | 30.00 | Default | |
| BLR C8 | 2480 | -0.68 | 0.0009 | -0.32 | 0.0009 | 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 | 2.068 | 1160.0000 | ≧ 500 |
| BLE 2M | 2440 | 2.068 | 1161.0000 | ≧ 500 |
| BLE 2M | 2480 | 2.069 | 1161.0000 | ≧ 500 |
| BLR C8 | 2402 | 1.055 | 690.9000 | ≧ 500 |
| BLR C8 | 2440 | 1.055 | 690.9000 | ≧ 500 |
| BLR C8 | 2480 | 1.055 | 690.6000 | ≧ 500 |

| Maximum Power Density Measurement | | | |
|---|---|---|---|
| Test mode | Frequency | Reading | Limit |
| | (MHz) | (dBm/3 kHz) | (dBm/3 kHz) |
| BLE 2M | 2402 | -18.800 | ≦ 8 |
| BLE 2M | 2440 | -18.840 | ≦ 8 |
| BLE 2M | 2480 | -17.900 | ≦ 8 |
| BLR C8 | 2402 | -7.210 | ≦ 8 |
| BLR C8 | 2440 | -7.080 | ≦ 8 |
| BLR C8 | 2480 | -6.570 | ≦ 8 |