

## 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            | 30.000       | 30.000           | 100.000        | 0.000            | 0.010                 |
| BLR C8     | 2402            | 30.000       | 30.000           | 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            | 5.58          | 0.0036 | 5.68       | 0.0037 | 30.00       | 13.00                             | Putty /<br>command line |
| BLE 1M    | 2440            | 6.50          | 0.0045 | 6.58       | 0.0045 | 30.00       | 14.00                             |                         |
| BLE 1M    | 2480            | 6.34          | 0.0043 | 6.40       | 0.0044 | 30.00       | 15.00                             |                         |
| BLE 2M    | 2402            | 5.58          | 0.0036 | 5.69       | 0.0037 | 30.00       | 13.00                             |                         |
| BLE 2M    | 2440            | 5.91          | 0.0039 | 6.01       | 0.0040 | 30.00       | 13.00                             |                         |
| BLE 2M    | 2480            | 6.37          | 0.0043 | 6.47       | 0.0044 | 30.00       | 15.00                             |                         |
| BLR C2    | 2402            | 5.57          | 0.0036 | 5.66       | 0.0037 | 30.00       | 13.00                             |                         |
| BLR C2    | 2440            | 6.48          | 0.0044 | 6.57       | 0.0045 | 30.00       | 14.00                             |                         |
| BLR C2    | 2480            | 6.33          | 0.0043 | 6.39       | 0.0044 | 30.00       | 15.00                             |                         |
| BLR C8    | 2402            | 5.62          | 0.0036 | 5.73       | 0.0037 | 30.00       | 13.00                             |                         |
| BLR C8    | 2440            | 6.58          | 0.0045 | 6.66       | 0.0046 | 30.00       | 14.00                             |                         |
| BLR C8    | 2480            | 6.38          | 0.0043 | 6.47       | 0.0044 | 30.00       | 15.00                             |                         |

Note: The relevant measured result has the offset with cable loss already.

| 6 dB Bandwidth |           |                |            |
|----------------|-----------|----------------|------------|
| Test mode      | Frequency | 6 dB Bandwidth | 6 dB Limit |
|                | (MHz)     | (kHz)          | (kHz)      |
| BLE 2M         | 2402      | 1215.0000      | $\geq 500$ |
| BLE 2M         | 2440      | 1253.0000      | $\geq 500$ |
| BLE 2M         | 2480      | 1344.0000      | $\geq 500$ |
| BLR C8         | 2402      | 701.7000       | $\geq 500$ |
| BLR C8         | 2440      | 715.4000       | $\geq 500$ |
| BLR C8         | 2480      | 701.9000       | $\geq 500$ |

| Maximum Power Density Measurement |           |             |             |
|-----------------------------------|-----------|-------------|-------------|
| Test mode                         | Frequency | Reading     | Limit       |
|                                   | (MHz)     | (dBm/3 kHz) | (dBm/3 kHz) |
| BLE 2M                            | 2402      | -10.200     | $\leq 8$    |
| BLE 2M                            | 2440      | -10.400     | $\leq 8$    |
| BLE 2M                            | 2480      | -8.880      | $\leq 8$    |
| BLR C8                            | 2402      | -0.570      | $\leq 8$    |
| BLR C8                            | 2440      | 0.480       | $\leq 8$    |
| BLR C8                            | 2480      | 0.360       | $\leq 8$    |