

## 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            | 2.136        | 2.500            | 85.440         | 0.683            | 0.468                 |
| BLE 2M     | 2402            | 1.082        | 1.882            | 57.492         | 2.404            | 0.924                 |

| 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            | 6.56          | 0.0045 | 7.10       | 0.0051 | 30.00       | 8.00                              | Command               |
| BLE 1M                                     | 2440            | 6.53          | 0.0045 | 6.94       | 0.0049 | 30.00       | 8.00                              |                       |
| BLE 1M                                     | 2480            | 6.51          | 0.0045 | 6.90       | 0.0049 | 30.00       | 8.00                              |                       |
| BLE 2M                                     | 2402            | 6.59          | 0.0046 | 7.18       | 0.0052 | 30.00       | 8.00                              |                       |
| BLE 2M                                     | 2440            | 6.56          | 0.0045 | 7.14       | 0.0052 | 30.00       | 8.00                              |                       |
| BLE 2M                                     | 2480            | 6.65          | 0.0046 | 7.20       | 0.0052 | 30.00       | 8.00                              |                       |

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      | 1.033                   | 665.9000       | $\geq 500$  |
| BLE 1M                                     | 2440      | 1.034                   | 666.9000       | $\geq 500$  |
| BLE 1M                                     | 2480      | 1.034                   | 671.7000       | $\geq 500$  |
| BLE 2M                                     | 2402      | 2.063                   | 1166.0000      | $\geq 500$  |
| BLE 2M                                     | 2440      | 2.063                   | 1160.0000      | $\geq 500$  |
| BLE 2M                                     | 2480      | 2.064                   | 1168.0000      | $\geq 500$  |
| Maximum Power Density Measurement          |           |                         |                |             |
| Test mode                                  | Frequency | Reading                 |                | Limit       |
|                                            | (MHz)     | (dBm/3 kHz)             |                | (dBm/3 kHz) |
| BLE 1M                                     | 2402      | -10.000                 |                | $\leq 8$    |
| BLE 1M                                     | 2440      | -10.090                 |                | $\leq 8$    |
| BLE 1M                                     | 2480      | -10.440                 |                | $\leq 8$    |
| BLE 2M                                     | 2402      | -13.370                 |                | $\leq 8$    |
| BLE 2M                                     | 2440      | -14.370                 |                | $\leq 8$    |
| BLE 2M                                     | 2480      | -11.810                 |                | $\leq 8$    |