

## 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            | 30.000       | 30.000           | 100.000        | 0.000            | 0.010                 |
| BLE 2M     | 2402            | 30.000       | 30.000           | 100.000        | 0.000            | 0.010                 |

### Maximum Conducted Output Power Measurement

| Test Mode | Frequency (MHz) | Average Power |        | Power Limit | RF Power setting in Test Software | Test Software Version |
|-----------|-----------------|---------------|--------|-------------|-----------------------------------|-----------------------|
|           |                 | dBm           | W      | dBm         |                                   |                       |
| BLE 1M    | 2402            | 3.97          | 0.0025 | 30.00       | 4.00                              | Btool v1.42.13        |
| BLE 1M    | 2440            | 3.75          | 0.0024 | 30.00       | 4.00                              |                       |
| BLE 1M    | 2480            | 3.47          | 0.0022 | 30.00       | 4.00                              |                       |
| BLE 2M    | 2402            | 3.98          | 0.0025 | 30.00       | 4.00                              |                       |
| BLE 2M    | 2440            | 3.75          | 0.0024 | 30.00       | 4.00                              |                       |
| BLE 2M    | 2480            | 3.47          | 0.0022 | 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 1M    | 2402      | 1.056                   | 713.2000       | $\geq 500$ |
| BLE 1M    | 2440      | 1.058                   | 717.6000       | $\geq 500$ |
| BLE 1M    | 2480      | 1.062                   | 732.8000       | $\geq 500$ |
| BLE 2M    | 2402      | 2.068                   | 1439.0000      | $\geq 500$ |
| BLE 2M    | 2440      | 2.084                   | 1454.0000      | $\geq 500$ |
| BLE 2M    | 2480      | 2.102                   | 1474.0000      | $\geq 500$ |

Maximum Power Density Measurement

| Test mode | Frequency | Reading     | Limit       |
|-----------|-----------|-------------|-------------|
|           | (MHz)     | (dBm/3 kHz) | (dBm/3 kHz) |
| BLE 1M    | 2402      | -7.620      | $\leq 8$    |
| BLE 1M    | 2440      | -7.670      | $\leq 8$    |
| BLE 1M    | 2480      | -9.730      | $\leq 8$    |
| BLE 2M    | 2402      | -10.210     | $\leq 8$    |
| BLE 2M    | 2440      | -10.920     | $\leq 8$    |
| BLE 2M    | 2480      | -9.790      | $\leq 8$    |