Report Number : FR690507B

## Bluetooth Low Energy

| Test Engineer: | AC Chang | Temperature: | 21~25 | °C |
|---|---|---|---|---|
| Test Date: | 2016/09/07 ~ 2016/09/13 | Relative Humidity: | 51~54 | % |

### TEST RESULTS DATA
### 6dB and 99% Occupied Bandwidth

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Occupied BW (MHz) | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
|---|---|---|---|---|---|---|---|---|
| BLE | 1Mbps | 1 | 0 | 2402 | 1.06 | 0.67 | 0.50 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 1.06 | 0.66 | 0.50 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 1.06 | 0.67 | 0.50 | Pass |

### TEST RESULTS DATA
### Peak Power Table

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|---|---|---|---|---|---|---|---|---|---|---|
| BLE | 1Mbps | 1 | 0 | 2402 | 5.23 | 30.00 | -0.80 | 4.43 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 4.44 | 30.00 | -0.80 | 3.64 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 5.18 | 30.00 | -0.80 | 4.38 | 36.00 | Pass |

### TEST RESULTS DATA
### Average Power Table
### (Reporting Only)

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
|---|---|---|---|---|---|---|
| BLE | 1Mbps | 1 | 0 | 2402 | 2.09 | 4.85 |
| BLE | 1Mbps | 1 | 19 | 2440 | 2.09 | 4.09 |
| BLE | 1Mbps | 1 | 39 | 2480 | 2.09 | 4.82 |

### TEST RESULTS DATA
### Peak Power Density

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak PSD (dBm /100kHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
|---|---|---|---|---|---|---|---|---|---|
| BLE | 1Mbps | 1 | 0 | 2402 | 4.72 | -10.47 | -0.80 | 8.00 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 3.98 | -11.27 | -0.80 | 8.00 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 4.72 | -10.48 | -0.80 | 8.00 | Pass |

Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 20dBc limit.