

Bluetooth Low Energy

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|----------------|-------------------------|--------------------|-------|----|
| Test Engineer: | An Wu and Aking Chang | Temperature: | 22~25 | °C |
| Test Date: | 2016/08/14 ~ 2016/08/16 | Relative Humidity: | 51~55 | % |

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 | 1.01 | 0.66 | 0.50 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 1.01 | 0.66 | 0.50 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 1.02 | 0.66 | 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 | 4.06 | 30.00 | 2.70 | 6.76 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 4.24 | 30.00 | 2.70 | 6.94 | 36.00 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 4.36 | 30.00 | 2.70 | 7.06 | 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 | 1.92 | 3.78 |
| BLE | 1Mbps | 1 | 19 | 2440 | 1.92 | 4.00 |
| BLE | 1Mbps | 1 | 39 | 2480 | 1.92 | 4.12 |

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 | 3.32 | -11.47 | 2.70 | 8.00 | Pass |
| BLE | 1Mbps | 1 | 19 | 2440 | 3.64 | -11.18 | 2.70 | 8.00 | Pass |
| BLE | 1Mbps | 1 | 39 | 2480 | 3.64 | -11.34 | 2.70 | 8.00 | Pass |

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