

RF Exposure requirements

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|---------------------|------------------------------------------------|
| Product name | Digital Blood Pressure Monitor |
| Model number | SE-9400BLE |
| FCC ID | WSX- SE-9400BLE |
| Radio specification | 2.4 GHz |
| Antenna | Internal PCB antenna |
| Power source | DC 6 V (AA alkaline 1.5 V x 4) or (AC Adapter) |

According to the KDB 447498, the following standalone SAR test exclusion was considered to qualify for the SAR test exclusion.

| | |
|--------------------------------|--------------------------------|
| Tx frequency range | 2402 MHz - 2480 MHz |
| Device category | Mobile device |
| Maximum conducted output power | 0.58 mW (-2.36 dBm) @ 2480 MHz |
| Limit | 10 mW (distance = 5 mm) |

RF power output (measured):

unit: mW

| Data rate | Operating frequency | | |
|----------------------|---------------------|----------|----------|
| | 2402 MHz | 2440 MHz | 2480 MHz |
| 1 Mbps(Bluetooth LE) | 0.57 | 0.53 | 0.58 |

SAR test exclusion thresholds:

$[(\text{max. power of channel, mW}) / (\text{min. separation distance, mm})] \cdot \sqrt{f_{\text{(GHz)}}} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$

| MHz | 5 | 10 | 15 | 20 | 25 | 29 | 30 | 35 | 40 | 45 | 50 | test separation distance (mm) |
|------|----|----|----|----|----|----|----|----|----|----|----|-----------------------------------|
| 2450 | 10 | 19 | 29 | 38 | 48 | 56 | 57 | 67 | 77 | 86 | 96 | SAR test exclusion threshold (mW) |

The source-based time-averaged maximum conducted output power of the RF channel is less than 10 mW, and the minimum separation distance of 5 mm can be achieved. Therefore the transmitter complies with the RF exposure requirements and the SAR is not required.