

## 7. Measurement Data (continued)

### 7.7. Public Exposure to Radio Frequency Energy Levels ((FCC KDB 447498 D01 v06, 1.1307 (b)(1), 2.1091(b)) RSS-GEN, RSS 102, Issue 5

#### 7.7.1 SAR Test Exclusion (FCC KDB 447498 D01 v06, Clause 4.3.1.c) 2))

| Frequency (MHz) | MPE Distance (mm) | DUT Output Power (mW) | SAR Test Exclusion (mW) | Result    |
|-----------------|-------------------|-----------------------|-------------------------|-----------|
|                 | (1)               | (2)                   | (3)                     |           |
| 40.68           | ≤50               | 0.00018578            | 329.8143                | Compliant |

- (1) FCC KDB 447498 D01 v06, Clause 4.3.1.(c)(2)
- (2) Converted from 3M field strength measurement ( $FS_{(dB\mu V/m)} - 95.2$ )  
Reference Section 7.2, Measured Field Strength
- (3)  $\frac{1}{2}(1 + \log(100/f_{(MHz)}))$   
Formula detailed in KDB 447498 D01 v06, Clause 4.3.1.(c)(2)

#### 7.7.2 Exemption Limits for Routine Evaluation – SAR Evaluation (RSS-102 Clause 2.5.1)

| Frequency (MHz) | MPE Distance (mm) | DUT Output Power (mW) | SAR Test Exclusion (mW) | Result    |
|-----------------|-------------------|-----------------------|-------------------------|-----------|
|                 | (1)               | (2)                   | (3)                     |           |
| 40.68           | ≤5 mm             | 0.00018578            | 177.5                   | Compliant |

- (1) RSS-102, Clause 2.5.1
- (2) Converted from 3M field strength measurement ( $FS_{(dB\mu V/m)} - 95.2$ )  
Reference Section 7.2, Measured Field Strength
- (3) RSS-102, Clause 2.5.1, Table 1  $1 \leq 300$  MHz = 71 mW at  $\leq 5$ mm  
Factor of 2.5 for limb-worn devices applied.

**Note:** The two transmitters within the device do not transmit simultaneously. The calculations for output power are based upon peak power, the time-sourced average power is lower due to the low duty cycle of the transmissions.