

## 7. Measurement Data (continued)

### 7.8. 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

#### 7.8.1 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)                     |           |
| 13.56           | ≤50               | 0.00003373            | 442.9735                | 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)

#### 7.8.2 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)                     |           |
| 13.56           | ≤5 mm             | 0.00003373            | 71                      | 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  $\leq 300$  MHz = 71 mW at  $\leq 5$ mm