

## Appendix I- RF Exposure statement

### Exposure Requirements – FCC KDB # 447498 D01 and RSS-102 Issue 5

FCC KDB # 447498 DO1 V05r02 - Mobile and Portable Device RF Exposure and Procedures and Equipment, Appendix A shows that the SAR Text Exclusion Threshold for a device with a separation distance of 5 mm at 2450MHz is 10 mW.

RSS-102 section 2.5.1 Exemption Limits for Routine Evaluation, Table 1 shows the SAR evaluation for a device with a separation distance of 5 mm at 2450MHz is 4 mW.

### Calculated EIRP

The maximum measured transmitter power is the following:

Conducted Output Power P <sub>out</sub> [dBm]	Conducted Output Power P <sub>out</sub> [mW]	Maximum Antenna Gain [dBi]	P <sub>out</sub> EIRP [mW]
-3.52	0.44	1	0.56

Note:

Per the equation in section 1.3.1 of FCC Document # 412172 D01 Determining ERP and EIRP v01;

$$\text{EIRP} = p_t \times g_t$$

where:

$p_t$  = transmitter output power in watts

$g_t$  = Numeric gain of transmitting antenna (unitless)

### Evaluation for FCC

The maximum EIRP peak power output of the EUT is: 0.56 mW.

The EUT is well below the 10mW power level.

### Evaluation for IC

The maximum EIRP peak power output of the EUT is: 0.56 mW.

The EUT is well below the 4mW power level.

### Conclusion

SAR data is not required for either FCC or IC.