



RFID SAR Excusion Analysis to FCC KDB 497498 D01 v06, Clause 4.3.1 c)2)

Measured field strength @ 10m : 36.05 (dBuV/m)
Calculated strength : 6.346E-05 (V/m)
Calculated eirp : **0.0000134** (mW)
Calculated eirp : **-48.7** (dBm)
Prediction distance: **50** (mm)
Prediction frequency: **13.56** (MHz)

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation
in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$

SAR Test Exclusion Levels: _____

1-g SAR: **443.00** mW
10-g SAR: **1107.0** mW