



RFID SAR Excursion 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