

# RF Exposure Evaluation

E.U.T. : Adamote

Model Number : ADA001

Applicant : UNIGRAND LTD

Address : 7F., No. 108-2, Minquan Rd., Xindian Dist., New Taipei  
City 231, Taiwan (R.O.C.)

Issued By : Interocean EMC Technology Corp.

LAB Location : No. 5-2, Lin 1, Tin-Fu, Lin-Kou Dist., New Taipei City,  
Taiwan 244, R.O.C.

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Project Engineer : 

Elli Chang

Approved : 

Jerry Liu

### Portable Device

According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB 447498\_D01\_V05 4.3.1(1)

SAR exclusion thresholds by:

$$[\text{max. power of channel, including tune-up tolerance, mW}]/(\text{min. test separation distances, mm}) \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR}$$

and  $\leq 7.5$  for 10-g extremity SAR.

### Maximum measured transmitter power

Frequency Range (MHz)	Maximum peak power (dBm)	Maximum peak power (mW)
2402	-4.08	0.3908
2441	-1.67	0.6808
2480	-2.81	0.5236

$$(0.6808/5) \cdot (\sqrt{2.441}) = 0.2127 \leq 3.$$

**Conclusion:** No SAR is required.

### SIMULTANEOUS TRANSMISSION EVALUATION

N/A