

RF Exposure Evaluation

E.U.T. : Transceiver

Model Number : 5BCR14SP

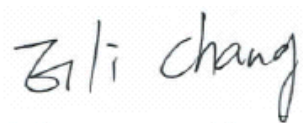
Applicant : **Nutek Corporation**


Address : NO. 167, Lane 235, Bauchiau Rd., Xindian District,
New Taipei City 23145, Taiwan

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.

Report Issued : 2014/08/01

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:

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

and ≤ 7.5 for 10-g extremity SAR.

Maximum measured transmitter power

Frequency Range (MHz)	Maximum peak power (dBm)	Maximum peak power (mW)
909.6	5.27	3.3651
913.8	5.01	3.1696
918.0	4.77	2.9992

$$(3.3651/5) \times (\sqrt{0.9096}) = 0.64188 \leq 3.$$

Conclusion: No SAR is required.

SIMULTANEOUS TRANSMISSION EVALUATION

N/A