

RF Exposure Evaluation

E.U.T. : Transceiver

Model Number : 5BER15SP

Applicant : **Nutek Corporation**

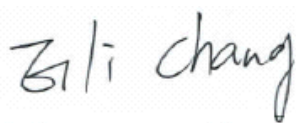
Address : NO. 167, Lane 235, Bauchiau Rd., Xindian District,
New Taipei City 23145, Taiwan

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 : 2015/09/22

Project Engineer :



Elli Chang

Approved :



Jerry Liu

RF Exposure Evaluation

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 measured transmitter power (dBm)	Tune-up power tolerance (dB)	Total Maximum power (dBm)	Total Maximum power (mW)
909.6	11.65	(±)2	13.65	23.1739
913.8	11.62	(±)2	13.62	23.0144
918.0	11.67	(±)2	13.67	23.2809

$$(23.2809/5) \times (\sqrt{0.918}) = 4.4612 \leq 7.5$$

Conclusion: No SAR is required.

SIMULTANEOUS TRANSMISSION EVALUATION

N/A