

RF Exposure Evaluation

E.U.T. : Transmitter

Model Number : 145SP

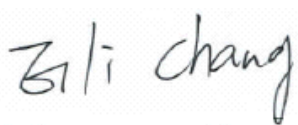
Applicant : **Nutek Corporation**


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.

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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:

$[\text{max. power of channel, including tune-up tolerance, mW}]/(\text{min, test separation distances, mm}) \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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	-2.52	0.5598
913.8	-2.50	0.5623
918.0	-2.40	0.5754

$$(0.5754/5) \cdot (\sqrt{0.918}) = 0.11026 \leq 3..$$

Conclusion: No SAR is required.

SIMULTANEOUS TRANSMISSION EVALUATION

N/A