HARRIS CORPORATION

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SAR Evaluation

Method qualifications and justifications

Maximum conducted power.

Output power of production equipment will be within the power range shown in the factory calibration document, also listed below:

Frequency Band	Nominal Rated Power	Minimum	Maximum
800 MHz	3.0 W	3.04 W	3.4 W
700 MHz	2.85 W	2.8 W	2.9 W

Production equipment will never be higher than 3.4 watts conducted power, the maximum power used for SAR evaluation.

Product use qualification.

Harris supplies radio communication equipment to LMR Public Safety agencies including local, state and Federal users. This equipment is not distributed through retail sales outlets, nor any of the compatible accessories. End users are fully trained in the use and limitations of the equipment including RF radiation safety, and the product is labeled with both Federal and TIA requirements and recommendations. The Harris Operator's Manual provides resource information and proper use guidelines. The Occupational use limits applied to SAR evaluation are found to be acceptable for the marketed application and intended use.

SAR dipole calibration exception.

The SAR report does not include a SAR dipole calibration document. Dipole calibration concerns have been addressed through prior FCC consultation on a case-by-case basis. The measured SAR levels for all the required tests are below 50% of the applicable limit and therefore a Permit-But-Ask by the TCB is not required for this application (per prior FCC consultation with Celltech Labs Inc.).