

Gradys LLC
2595 Interstate Drive, Suite 103
Harrisburg, PA 17110

Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

Re: **FCC ID No. X8E-1459**
Transmitter Modular Approval

Ladies and Gentlemen:

This is to request transmitter modular approval for the above-referenced application for equipment authorization. Below are listed the transmitter module characteristics.

Transmitter Module Characteristics

Item	Requirements	EUT
1	The module has its own RF shielding	Device is equipped with Metal shielding to cover RF section. Refer to external photos
2	All modulation and data input(s) are buffered.	All inputs to the modules are buffered through logic or microprocessor inputs. Please refer to Block Diagram
3	The module has its own power supply regulation and local reference oscillator.	U1, Internal power regulator to limit the voltage within 3.4 – 4.2 Volts DC. Refer to circuit description
4	The certification submission contains a detailed description of the configuration of all antennas that will be used with the module.	No External Power Amplifier is used. The max. antenna gain based upon Max. Permissible Exposure are limited to < 4.0 dBi gain for Cellular Band and PCS band
5	The host device, as a stand-alone unit without any separately certified modules, complies with all applicable Radio Standards Specifications.	Device was tested as standalone configuration outside the host. Refer to setup photos.
6	The host device complies with the certification	Refer to FCC ID label

	labeling requirements of each of the modules it contains.	format and location file.
7	The host device and all the separately certified modules it contains jointly meet the safety requirements of RSS-102, if applicable.	This module is intended to be installed in host to provide at 20 cm antenna-to-user distance. Please refer to MPE estimate report to exposure condition.

Respectfully,



Brian T. Harrison
President, Gradys LLC