

**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:

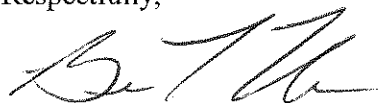
This is to request transmitter modular approval for the above-referenced application for equipment authorization. Below are listed the transmitter module characteristics.

Transmitter Module Characteristics

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

	labeling requirements of each of the modules it contains.	<b>format and location file.</b>
7	The host device and all the separately certified modules it contains jointly meet the safety requirements of RSS-102, if applicable.	<b>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.</b>

Respectfully,



Brian T. Harrison  
President, Gradys LLC