

Applied Wireless Identifications Group Inc.
FCC ID: OGSM27EA
Request for transmitter modular approval

Transmitter Module Characteristics

Item	Requirements	EUT
1	Have its own RF shielding	Device is equipped with Metal shielding to cover RF section. Refer to external photos
2	Have buffered modulation/data inputs (if such inputs are provided),	All inputs to the modules are buffered through transistors, logic or microprocessor inputs.
3	Have its own power supply regulation	Internal +5.3 Vdc and -11 Vdc power regulators. Refer to Block diagram
4	Meet the antenna requirements of Section 15.203	Device is equipped with unique antenna (MMCX) connector. Refer to external photos
5	Be tested in a stand-alone configuration, i.e., the antenna, AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing	Device was tested outside of a host: module, antenna, antenna cable, DC supply, ribbon cable from supply, and simple test fixture to allow for wiring interconnect. Refer to setup photos.
6	Be labeled with its own FCC ID number, and if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	Two proposed FCC ID label format are included in the filing. One of label is to be placed on the module and the other label is to be placed on the outside of system. Refer to FCC ID label format and location file and user manual file.
7	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	Refer to "User's Guide" Exhibit
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters	Meet RF exposure compliance

	operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	
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