

Company: Anaren, Inc
FCC ID: X7J-A16020401
Request for transmitter modular approval
Transmitter Module Characteristics

Item	Requirements	EUT
1	Have its own RF shielding	The Anaren modular transmitter has a cover over the radio elements, with the antenna or antenna connector located outside of the cover. Refer to external photos
2	Have buffered modulation/data inputs (if such inputs are provided),	The Anaren modular transmitter has built-in buffering on both transmit and receive paths, as well as hardware flow control
3	Have its own power supply regulation	The module has internal regulation to allow an input voltage of 3V to 4.8V on the VDD input. Refer to users manual
4	Meet the antenna requirements of Section 15.203	The Anaren modular transmitter uses one of two methods to employ a unique coupler for all connections between the module and antenna: <ol style="list-style-type: none"> 1. Permanently connected internal antenna 2. U.FL unique coupling 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	The modular device was tested in a stand-alone configuration with the help of another board which supplied only physical support and power connections
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.	The Anaren modular transmitter is marked with a unique FCC identification number. See drawing and pictures included with the application for location of the marking. Instructions are given to the end user in the module data sheet that if the module is installed inside another device, then the outside of the device must also display a label referring to the enclosed module
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.	Please refer to the "OEM User's Manual" supplied separately.
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	Evaluation for RF exposure compliance shows output power is below threshold that would require SAR for use in mobile devices located at a distance greater than 20cm away from the body. Please refer to RF Exposure report.