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FCC ID: S7A-IW05

Request for transmitter Modular approval

Transmitter Module Characteristics

No	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 logic or microprocessor inputs.
3	Have its own power supply regulation	Internal 1.8V power regulation. Refer to Module Block diagram
4	Meet the antenna requirements of Section 15.203	BCD110DU, BCD110SU is equipped with unique antenna connector (U.FL) BCD110DS is equipped with unique antenna connector (RPSMA). BCD110DC, BCC110SC is equipped with SMD antenna (Chip). 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 on a supplied development platform for single modular approval. 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	Label is to be placed in front of the EUT (BCD110), and other label is to be placed in the User's Guide. Refer to FCC ID label format.
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"
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1091. 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).	MPE was calculated.

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Research Engineer