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FCC ID : UNTLM2400PR

Request for transmitter Modular approval

Transmitter Module Characteristics

Submitted herewith is an application for a ZigBee modular. In accordance with the requirements set forth in DA 00-1407

Released: June 26, 2000, this device incorporates the design features as described and listed below for Part 15 modular transmitter approval:

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 thought logic or microprocessor inputs

3. Have it own power supply regulation

→ Internal 1.5V and 3.0V power regulation. Refer to Module Block diagram

4. Meet the antenna requirements of Section 15.203

→ 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 limited 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(LM2400-PR), 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).

→ Please refer to MPE Calculation.