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FCC ID: M4Y-XN623V01

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 Atheros AR9223 inputs.
3	Have it own power supply regulation	The transmitter has its own power supply regulator. (chip:Atheros AR9223).
4	Meet the antenna requirements of Section 15.203	Device is equipped with unique antenna (u.FL(v)LP-040) 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 the laptop for 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.	Two proposed FCC ID label format are included in the filing. One 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.
7	The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.	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 operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	Transmitter meets MPE calculations of 47 CFR 1.1307(b)(1). Refer to MPE sections of test reports

Regards,



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