

TRAPEZE NETWORKS
FCC ID: QZE100
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 logic or microprocessor inputs. It is integrated in chip AR5211.
3	Have it own power supply regulation	The chips IF converter and RF/IF converter which will influence the frequency radiation, have to be 2.5V DC powered. The mini-pci interface provides 3.3VDC, so there are regulators in front of these chips, the part number of this regulator is SC6204B252MR.
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 inside the access point 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.	<p>The device is labeled with FCC ID: QZE100.</p> <p>I) When only one radio is installed in the access point, the access point will be labeled as "this device contains FCC ID: QZE100"</p> <p>II) When two radios are installed in the access point, the access point shall be labeled as " this device contains two FCC ID: QZE100".</p>
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.	The device is to be installed by the applicant (Trapeze) only. OEM and end user installation is prohibited.
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating	20cm separation distance is maintained, which satisfies mobile category requirement. RF exposure is taken care by MPE calculation.

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