

TRAPEZE NETWORKS  
 FCC ID: QZE100  
 Request for transmitter modular approval

Transmitter Module Characteristics

Item	Requirements	EUT
1	Have its own RF shielding	<b>Device is equipped with Metal shielding to cover RF section. Refer to external photos</b>
2	Have buffered modulation/data inputs (if such inputs are provided),	<b>All inputs to the modules are buffered through logic or microprocessor inputs. It is integrated in chip AR5211.</b>
3	Have it own power supply regulation	<b>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.</b>
4	Meet the antenna requirements of Section 15.203	<b>Device is equipped with unique antenna (u.FL(v)-LP-040) connector. Refer to external photos</b>
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	<b>Device was tested inside the access point for limited modular approval. Refer to setup photos.</b>
6	Be labeled with its own FCC ID number, <b>and</b> 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.	<b>The device is labeled with FCC ID: QZE100.</b> <b>I) When only one radio is installed in the access point, the access point will be labeled as "this device contains FCC ID: QZE100"</b>  <b>II) When two radios are installed in the access point, the access point shall be labeled as " this device contains two FCC ID: QZE100".</b>
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.	<b>The device is to be installed by the applicant (Trapeze) only. OEM and end user installation is prohibited.</b>
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating	<b>20cm separation distance is maintained, which satisfies mobile category requirement. RF exposure is taken care by MPE calculation.</b>

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