

Transmitter Modular Approval Letter

Date: Dec 31/2003

Federal Communications Commission

Re: Application Modular Approval Certification for **FCC ID: Q5SWM68**

Gentlemen:

The following attestation addresses the eight requirements to support Modular approval as required by the FCC Public Notice DA 00-1407" Part 15 Unlicensed Modular Transmitter Approval"

1	The modular transmitter has its own RF shielding.(Refer to "Internal Photograph Exhibit")
2	The modular transmitter has buffered modulation/data inputs. All inputs to the modules are buffered through the radio circuitry. (Refer to "Block Diagram and Schematics Exhibit")
3	The modular transmitter has its own power supply regulator.(Refer to "Block Diagram and Schematics Exhibit "and Bill of Materials Exhibit")
4	The modular transmitter has an antenna that complies with section 15.203 of the FCC rules. It has a UFL type of connector at the transmitter end and is soldered to the antenna (depending on OEM configuration). Also the antenna will be internal in the OEM host equipment and inaccessible to the user.(Refer to "Operational Description Exhibit" and "Antenna Specification Exhibit")
5	The modular transmitter was tested outside of a host desktop computer using a PCI extender card. The PCI extender card allows the transmitter to be placed outside of the chassis of the host desktop computer.(Refer to "Test Configuration" in Ecom Sertech Corp. test report and to "External Photograph Exhibit")
6	The modular transmitter will be labeled with its own FCC ID. Also, the OEM host computer manufacturer will be informed to display a label referring to the enclosed module. The exterior label will read as follows: "Contains Transmitter Module FCC ID: Q5SWM68 " or "Contains TXFCCID: Q5SWM68 " (Refer to "Label Information Exhibit")
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 Exhibit")
8	The modular transmitter meets the MPE calculations of 47 CFR 1.1307(b)(1) (Refer to "RF Exposure Exhibit"). Also, SAR data is available if necessary.