

## TRANSMITTER MODULAR APPROVAL ATTESTATION

December 11, 2002

Federal Communications Commission

Re: Application Modular Approval Certification for FCC ID: PD9WM3B2100

Gentlemen:

The following attestation addresses the eight requirements to support modular approval as required by the FCC Public Notice DA00-1407 "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")         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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")         6       The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (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 M		
through the radio circuitry. (Refer to "Block Diagram and Schematics Exhibit")3The modular transmitter has its own power supply regulator. (Refer to "Block Diagram and Schematics Exhibit" and "Bill of Materials Exhibit")4The 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")5The 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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")6The modular transmitter will be labeled with it 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: PD9WM3B2100". (Refer to "Label Information Exhibit")7The 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)	1	The modular transmitter has its own RF shielding. (Refer to "Internal Photograph Exhibit")
<ul> <li>The modular transmitter has its own power supply regulator. (Refer to "Block Diagram and Schematics Exhibit" and "Bill of Materials Exhibit")</li> <li>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")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>	2	The modular transmitter has buffered modulation/data inputs. All inputs to the modules are buffered
<ul> <li>Exhibit" and "Bill of Materials Exhibit")</li> <li>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")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>6 The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>7 The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the regulations. (Refer to "User's Guide Exhibit)</li> </ul>		through the radio circuitry. (Refer to "Block Diagram and Schematics Exhibit")
<ul> <li>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")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>6 The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>	3	The modular transmitter has its own power supply regulator. (Refer to "Block Diagram and Schematics
<ul> <li>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")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>		Exhibit" and "Bill of Materials Exhibit")
<ul> <li>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")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>6 The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>	4	The modular transmitter has an antenna that complies with section 15.203 of the FCC rules. It has a UFL
<ul> <li>(Refer to "Operational Description Exhibit" and "Antenna Specification Exhibit")</li> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>		type of connector at the transmitter end and is soldered to the antenna (depending on OEM
<ul> <li>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 Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>6 The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>		configuration). Also the antenna will be internal in the OEM host equipment and inaccessible to the user.
PCI extender card allows the transmitter to be placed outside of the chassis of the host desktop computer. (Refer to "Test Configuration" in Aegis Labs, Inc. test report and to "External Photograph Exhibit")6The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: 		(Refer to "Operational Description Exhibit" and "Antenna Specification Exhibit")
<ul> <li>(Refer to "Test Configuration" in Aegis Labs, Inc. test report and to "External Photograph Exhibit")</li> <li>The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>	5	The modular transmitter was tested outside of a host desktop computer using a PCI extender card. The
<ul> <li>6 The modular transmitter will be labeled with it 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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>		PCI extender card allows the transmitter to be placed outside of the chassis of the host desktop computer.
<ul> <li>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: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>		(Refer to "Test Configuration" in Aegis Labs, Inc. test report and to "External Photograph Exhibit")
<ul> <li>read as follows: "Contains Transmitter Module FCC ID: PD9WM3B2100" or "Contains TXFCCID: PD9WM3B2100". (Refer to "Label Information Exhibit")</li> <li>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)</li> </ul>	6	The modular transmitter will be labeled with it own FCC ID. Also, the OEM host computer
PD9WM3B2100". (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)		manufacturer will be informed to display a label referring to the enclosed module. The exterior label will
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)		read as follows: "Contains Transmitter Module FCC ID: PD9WM3B2100" or "Contains TXFCCID:
that will operate outside of the scope of the regulations. (Refer to "User's Guide Exhibit)		PD9WM3B2100". (Refer to "Label Information Exhibit")
	7	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter
8 The modular transmitter meets the MPE calculations of 47 CFR 1.1307(b)(1) (Refer to "RF Exposure		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.		Exhibit"). Also, SAR data is available if necessary.

If there are any additional questions or if further information is needed, please contact us at your earliest convenience at (949) 459-7886.

Sincerely,

Steve Kuiper Aegis Labs, Inc. Quality Assurance Manager