

Universal Scientific IndustrialCo.
FCC ID: IXM-PC-B-IN-01

Transmitter Module Characteristics per FCC public notice DA 00-1407 requirements

| Item | Requirements | EUT |
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| 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. |
| 3 | Have it own power supply regulation | Internal power regulator. Refer to Block diagram |
| 4 | Meet the antenna requirements of Section 15.203 | Device is equipped with Integral antenna . 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 host computer as stand-alone configuration. 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. | FCC ID label is included in the filing. Label is to be placed on the EUT. 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. A copy of these instructions must be included in the application for equipment authorization. For example, there are very strict operational and timing requirements that must be met before a transmitter is authorized for operation under Section 15.231. For instance, data transmission | User instruction is provided in the user manual |

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| | <p>is prohibited, except for operation under Section 15.231(e), in which case there are separate field strength level and timing requirements.</p> <p>Compliance with these requirements must be assured.</p> | |
| <p>8</p> | <p>Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093.</p> <p>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).</p> | <p>The max. output power measured is 32mW. This device has been tested with three typical NB during SAR evaluation</p> |