



**SOLVING A WAVE OF EMI COMPLIANCE PROBLEMS**

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## **Modular Approval Letter**

Federal Communications Commission  
Authorization and Evaluation Division  
**APPLICANT: Fybr, LLC**

**REFERENCE FCC ID: 2ALBF-5004**  
**RE: Request for Modular Approval**

To Whom it May Concern:

Radiometrics has been authorized by Fybr, LLC to act as an agent in the preparation of their submittal request for Modular Approval.

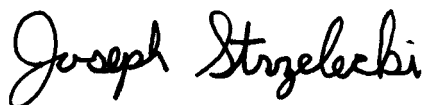
### **Modular approval Requirements Characteristics**

<b>Item</b>	<b>Requirement</b>	<b>EUT Justification</b>
<b>1</b>	Have its own RF shielding	The RF portions of the module are completely contained within a metal shielding can. The module does not depend on any other shielding.
<b>2</b>	Have buffered modulation/data inputs (if such inputs are provided),	No modulation/data inputs are provided.
<b>3</b>	Have it own power supply regulation	There is a 2.5v regulator on board.
<b>4</b>	Meet the antenna requirements of Section 15.203	The antenna connector is a U.FL, which is a unique connector. The antenna will only be installed by a trained professional.
<b>5</b>	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	The product was tested with an external power supply. It was not in any housing during the tests. There was no filtering added to the power supply. The setup had no additional shielding.
<b>6</b>	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.	The FCC ID label format is included in the filing. The product will always be inside another enclosure during actual use. A label on the outside of that enclosure will be required.
<b>7</b>	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 connection to the Fybr network is controlled by software in the microprocessor. This code cannot be updated and is not accessible by the end user.

Item	Requirement	EUT Justification
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. 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).	Please refer to the RF exposure Exhibit. The transmitter meets MPE calculations of 47 CFR 1.1310 and 2.1091.

Please do not hesitate to contact me if there are any further questions with the submittal.

Sincerely,



Joseph Strzelecki, NCE  
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