



## **Operational Description**

**FCCID: QRF-FMXLJD35UY**  
**TR-WMX 3.5GHz PICO Base Station**  
**Tranzeo Wireless Technologies Inc.**

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Report No.: 121208.1

Labs: 19473 Fraser Way, Pitt Meadows, BC, Canada V3Y 2V4

A handwritten signature in blue ink that reads "Andrew Marles".

A handwritten signature in blue ink that reads "Bruce Balston".

Andrew Marles  
EMC Manager

Bruce Balston  
EMC Engineer

## **Operational Description**

The device is a WiMax Base Station designed specifically for wireless networks. The device has an IEEE 802.16 radio and a standard type N antenna connector. The transceiver operates in the frequency band 3650-3675 MHz. The device transmits digital network data and is mounted in fixed point-to-multi point installations.

The type of RF modulation is OFDM used at 3.5 GHz band. The device can transmit data at a real-world data rate of approximately 14.0 and 3.6 Mbps for 7.0 and 3.5 MHz bandwidth, appropriately. The device's standard compliance ensures that it can communicate with a corresponding WiMax CPE.

**The product is used exclusively in a professionally installed, wireless network environment.**