Item 12 Xiphos Micro External Photographs

1 Xiphos Micro Overview

The Xiphos 4G LTe Micro product is an LTE system, complete with all radio and core functionalities that go into a telecom system. The Micro components of Xiphos are:

- Micro LTE eNodeB with 2X5W RF output

- Server Platform for Evolved Packet Core (EPC), Home Subscriber Server (HSS), and O&M SW, with virtualized Space for Local Applications.

- GPS

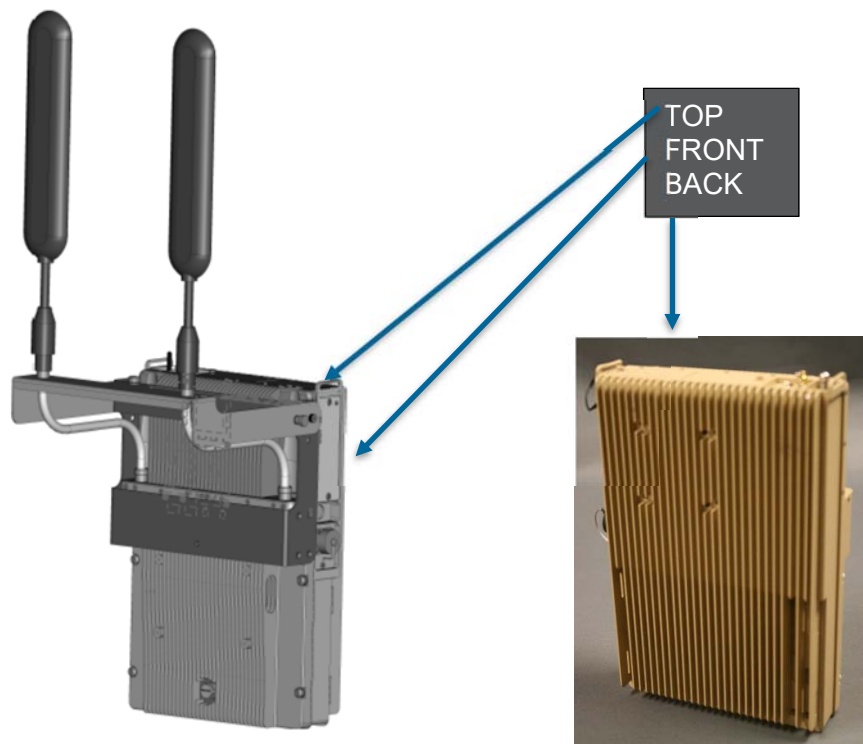- Two options for powering the Xiphos Micro unit: battery power and external power

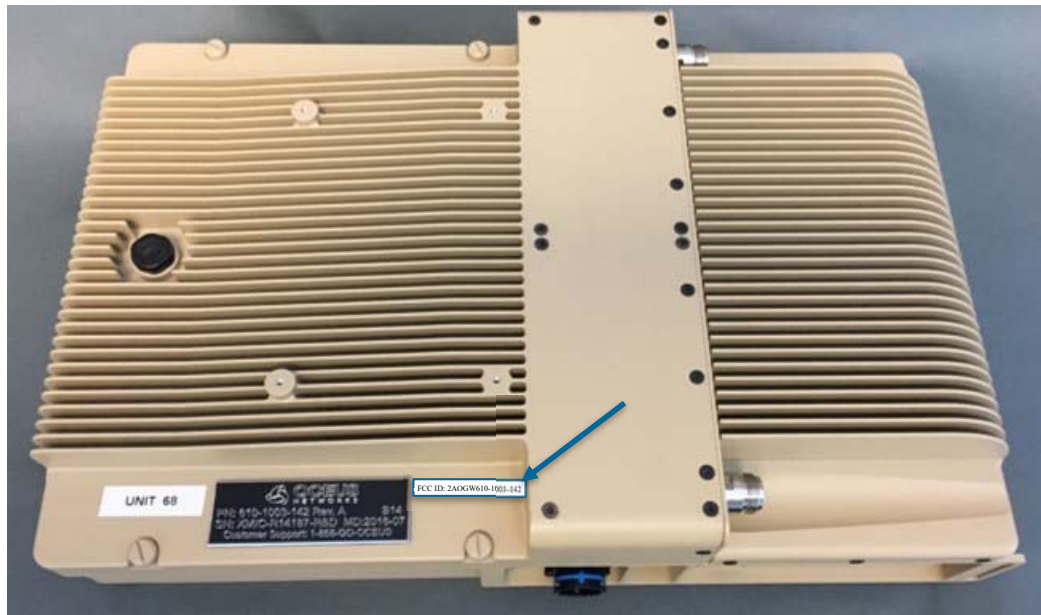**Figure 1: Xiphos Micro**

Figure 2: Xiphos Micro Front (where intended FCC label goes)

1.1 External Interfaces

The Xiphos Micro includes two LTE Antenna ports, front panel and side panel interfaces as shown below.

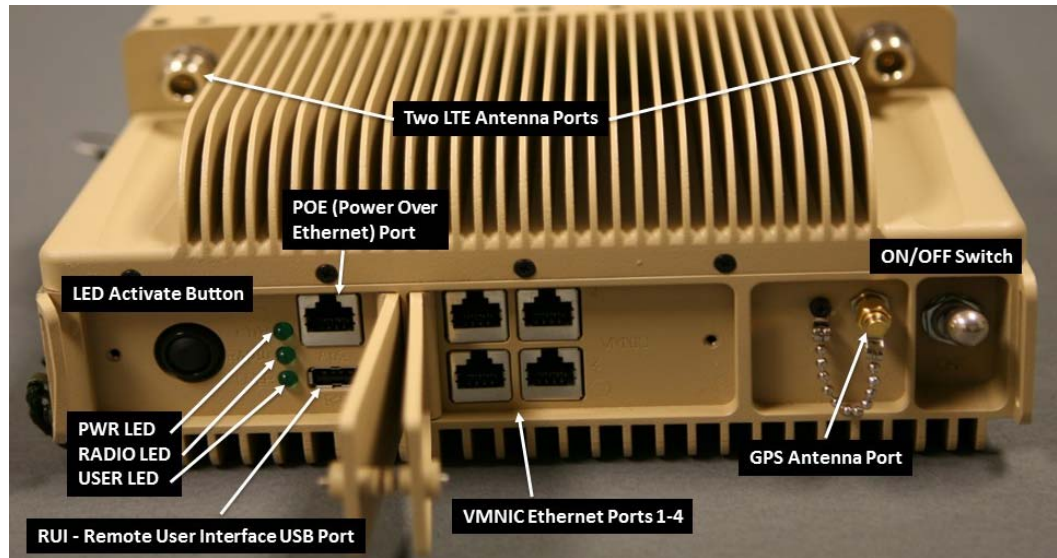| External Interfaces	
Front Panel	**Side Panel**
ON/OFF Switch	Power Input
GPS Antenna Port	Zero Button
Three LEDs: PWR, RADIO, USER	VGA POrt
LED Activate Button	Two USB ports
RUI - Remote User Interface USB Port	Console – Serial COMM port to core processor
POE (Power Over Ethernet) Port	ENB – eNodeB Console Port
VMNIC Ethernet Ports 1-4	

The figures below show these interface ports.

Figure 3: TOP: LTE Antenna and Front Panel Interfaces

Figure 4: RIGHT SIDE: Panel Interfaces

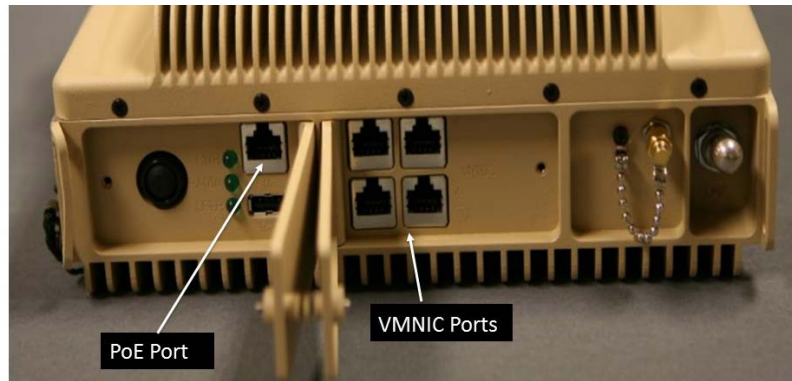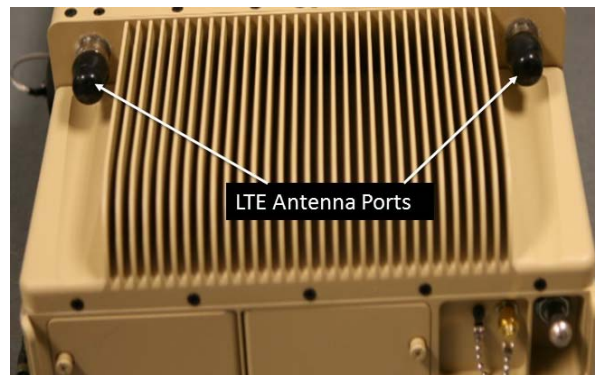**Figure 5: TOP Customer Network Connections**

Figure 6: TOP Micro LTE Antenna Connectors

Figure 7: Xiphos Micro Bottom