

AVS-4000

Miniature Transceiver Data Sheet

Applications:

Point to Point Communications

SIGINT Receiver

DIRFM

Autonomous Remote Sensor

Features

Small Size: 2.5" X 3.5"

Typical Power: 3 Watts

Weight: 4 ounces

USB Type C

Transceiver – Analog Device AD9364

Frequency Range - 2 MHz to 6 GHz

Bandwidth – 50 MHz

FPGA – Xilinx Artix 100T

Five Receive Pre-Selection Filters

Five Transmit Filters

Reference Inputs: 1PPS and 10 MHz

Integrated GPS and GPSDO



Signal Processing & Communications Systems

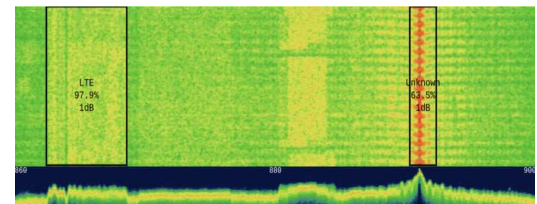


NEW

Automated Signal Classification

Using

OmniSIG® from



Email: info@avidsystems.com

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TX Output: SMA Female

RX Input SMA Female

TX/RX SMA Female

GPS Antenna Input MMCX Female

External 1PPS Input MMCX Female

External 10MHz Input MMCX Female

Input Voltage +5 Volts via USBC or Aux Power Connector

Auxiliary Power Input USB Type C

Output RF Power +5 dBm @4GHz

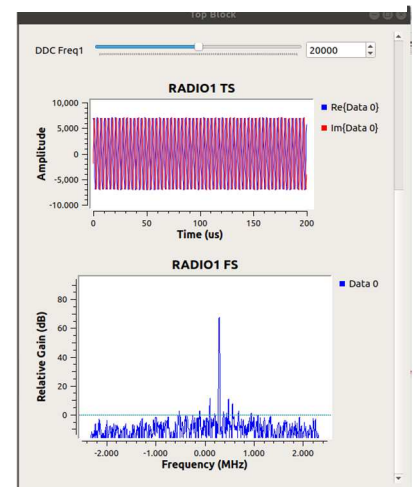


Signal Processing & Communications Systems



Included

AVS4000 GNU Radio Blocks



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