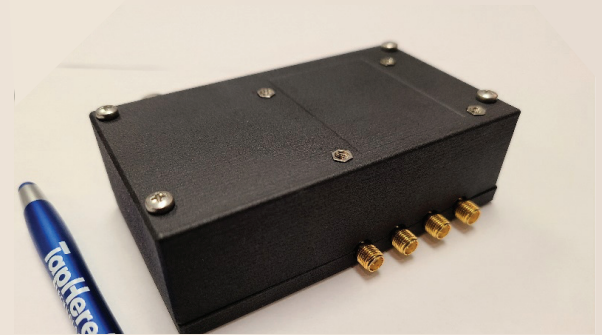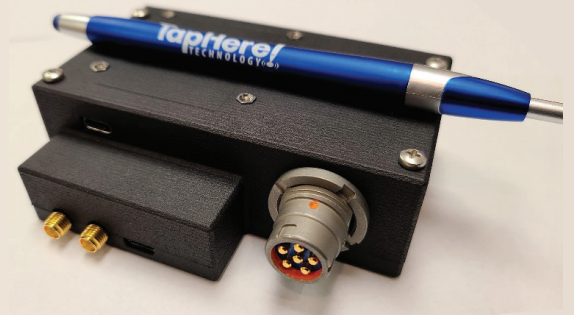*powered by*

TapHere!®Radio

Introducing

SATCOM Software Radio (SSR)

Capability Gaps Solved

Traditional radios for UHF Satellite comms are:

1. Single purpose, proprietary hardware solutions

2. Cannot be repurposed for different mission requirements

3. Too expensive to repair/replace or provide redundancy

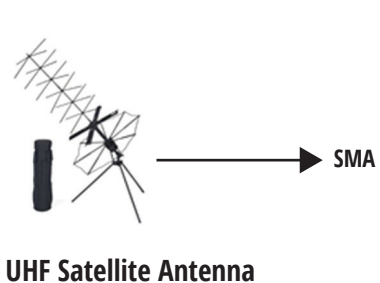4. Not designed for tactical environments

Objectives

- Receive and process Integrated Broadcast Service (IBS) data

- Lower Space, Weight, Power, Cost (SWaP-C)

- Provide alternative comms path for IBS consumers

- Use commodity vs. proprietary hardware

- Flexible for use on vessels, aircraft, vehicles, weapons, or manpack

Solution

- Software Defined Radio with IBS waveform modules

- Hardware MicroBoard (2"x3") with (2) RX and (2) TX interfaces

- Type 1 Crypto Encryption Module (CEM)

- Standard SMA antenna interfaces

Common Interactive Broadcast (CIB)

UHF Satellite Antenna

SMA

DS101

USB

Mobile Platform

TapHere POC   Jack Gruninger: **jack@taphere.com**