

Types of intercepted data:

- GPS Location
- Spot Beam Number
- Establishment Cause
- C/L-band Mapping
- Called/Calling Number
- Date and Time
- TMSI / IMSI (optional)
- IMEI
- Duplex Voice within 7 spot beams
- SMS
- Low-Speed Data / FAX

Main parts of Thuraya Processing System:



C-band Antenna

Intended to receive downlink signal from Thuraya Satellite to Gateway Earth Station. Only one C-band antenna required and should be installed on "Main" system. Recommended diameter 5.6 - 9m. Considering that both Thuraya 2 and Thuraya 3 satellites are located in geosynchronous orbit, C-band antenna must have auto-tracking system.



L-band Antenna

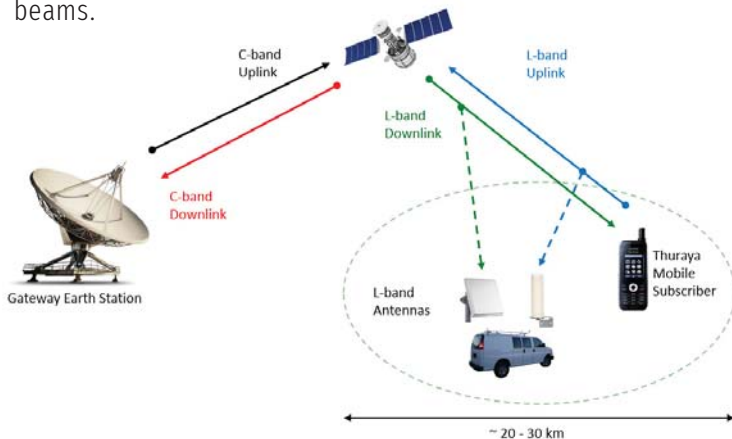
Required to receive downlink signal from Thuraya Satellite to Mobile Subscriber. Each "Main" and "Remote" site requires one L-band antenna.

Demodulator unit

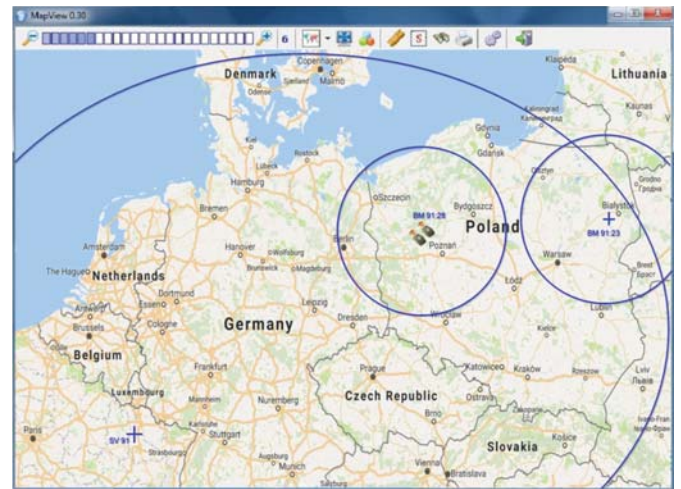
is designed for real-time demodulation of FDMA & TDMA L-band (950-1750 MHz) radio signals in 36 MHz bandwidth. It can provide simultaneous processing of up to 256 duplex traffic sessions channels. Remotely controlled via Ethernet interface.

THURAYA Tactical (mobile) system:

Thuraya Tactical (mobile) system receives duplex signals within line of sight zone and simplex signals in spot beam where antennas are located and for up to 3 neighbor spot beams.



Iridium Map View:



THURAYA Tactical + IRIDIUM combined system

System unites Thuraya Tactical and Iridium system.

It contains:

- L-band 1.5 MHz Antenna
- Omni-directional 1.6 MHz L-band antenna
- Omni-directional active L-Band antenna
- Demodulator unit
- Rugged laptop

Laptop contains Thuraya and Iridium software.

Demodulator unit can be switched between "Thuraya" or "Iridium" mode in GUI.



2, Bankova St., Kyiv, 01024, Ukraine
tel.: +38 (044) 252 32 22
E-mail: office@naudi.com.ua
www.naudi.com.ua