

## **SOFTWARE DEFINED RADIO**



## **Key Features**

- Multiband Operation (3MHz to 1500MHz)
- 4 channel SDR
- Supports voice and data communication
- User data rate upto 6Mbps
- Flexible configuration
- Modular design
- Secure architecture
- Frequency coverage: HF, V/UHF and L Band
- Transmit power: 100W PEP for HF, 50W PEP for V/UHF and L Band
- Linear and Non-linear operation



## Waveforms

Voice Waveforms: FM

**AM-DSB AM-SSB** 

Data Waveforms : Wide Band High Data Rate (WB-HDR)

Narrow Band Low Data Rate with Frequency Hopping (NB-LDR-FH)



**Baseband Unit** 



RF Transceiver (2 to 2000 MHz)



L Band Power Amplifier



**HF Band Power Amplifier** 



**Baseband Power Supply** 



V/UHF Band Power Amplifier



L Band LNA & Preselector with PA Connector



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