



## eXpeditionary HF ( $X_{HF}^{TM}$ )

Patent Pending

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### Enhanced NVIS 2-Wire (ENV-2) Antenna

Making HF Tactically Relevant

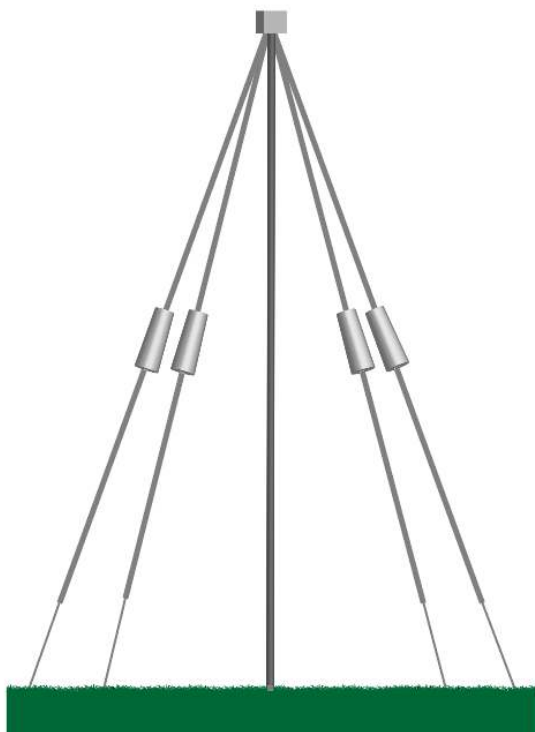
## Expeditionary...without Sacrificing Performance

- + **Significantly smaller, simpler, and more user-friendly than other HF antennas**
- + **Easy transport:** packs into three cases transportable as checked luggage
- + **Easy setup:** 30 minutes or less
- + **Minimum personnel:** 1-2 persons required for setup
- + **Small footprint:** Fraction of required real-estate compared to other antennas

- + **Unmatched Performance - Global Communications Capability across entire HF band**
- + **Wide, 3-30 MHz, Instantaneous bandwidth**
- + **Consistent high performance across entire HF frequency band:**
  - Consistent VSWR
  - Consistent Gain
  - Consistent Radiation Patterns

#### XHF-2500 ENV-2 Kit Includes

- 1 Custom-Designed Balun
- 2 Wire Elements
- 3 Custom-Designed Resistive Elements
- 4 Guy Wire and Stake Kits



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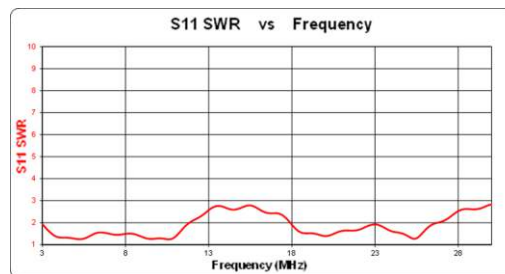
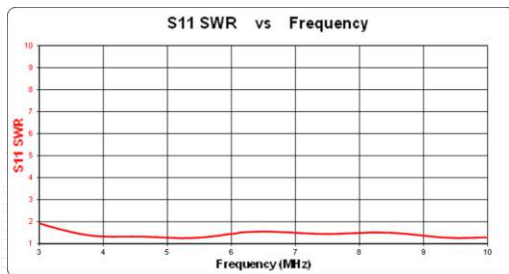


The Revolutionary HF Antenna  
**Enhanced NVIS 2-Wire (ENV-2) Antenna**



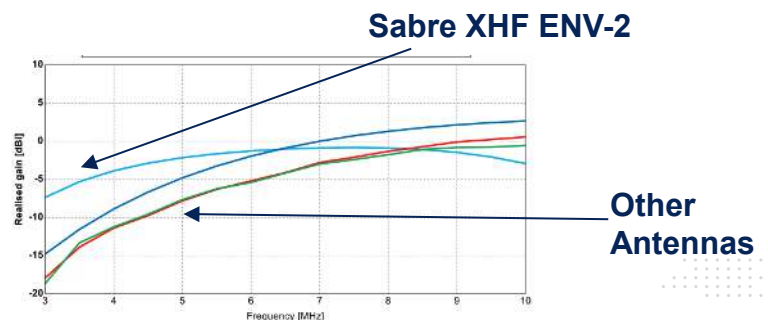
**XHF ENV-2 – Providing unprecedented reliable HF performance at transmit powers of over 1 kW**

**Optimized for NVIS Operations – Optimized for <10 MHz NVIS operations, but still provides good performance through entire HF band**



**Significantly better VSWR in NVIS bands**

**5-10 dB better gain in NVIS bands**



**Wideband HF... Large instantaneous bandwidths supports advanced waveforms and enables wideband operations – no external tuner required!**

**Contact Sabre Systems for more information...**



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