

# SabreTooth<sup>TM</sup> Wideband HF Antenna System

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Ruggedized High-Performance HF Antenna System for both Tactical and Strategic Applications

## Tactically Relevant Form Factor without Sacrificing Performance

- + *Significantly smaller, simpler, and more user-friendly than other HF antennas*
- + *Easy setup: 1 hour or less*
- + *Minimum personnel: 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*
- + *Supports full 3-30 MHz HF Band, providing low VSWR and high gain across entire band*
- + *Unprecedented wideband support – supports entire HF instantaneous bandwidth*

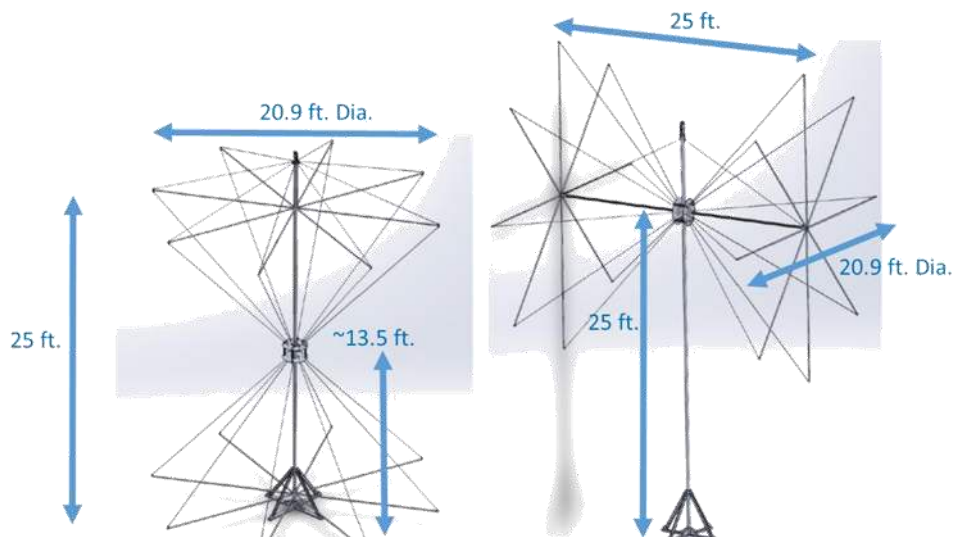
### Three X<sub>HF</sub> System Components

#### Vertical SabreTooth:

Optimized for long-range communications, but still provides outstanding near-range communications

#### Horizontal SabreTooth:

Optimized for NVIS Operations, but still provides outstanding long-haul communications



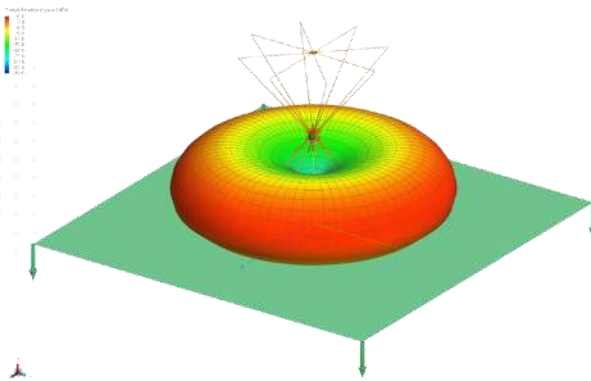
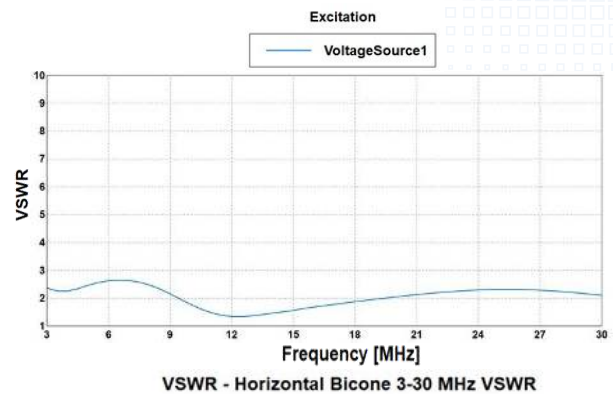
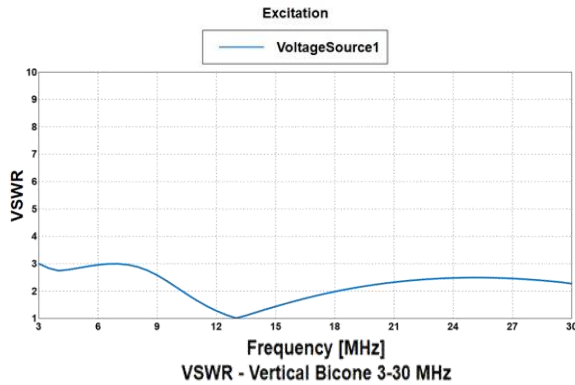
**Provides Global Communications Capability in Small, Easy to Deploy, Ruggedized Form Factor without Sacrificing Performance**



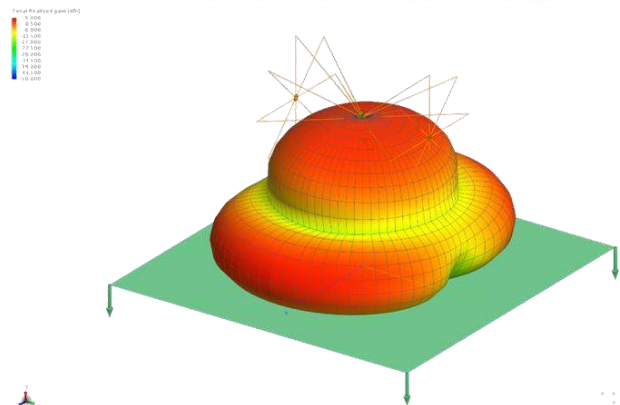
# SabreTooth™ Wideband HF Antenna System



## High-Performance Wideband Operations – Unprecedented reliable HF performance at transmit powers of 1 kW



**Vertical SabreTooth**



**Horizontal SabreTooth**

**True Wideband HF... Instantaneous 27 MHz bandwidth (3-30 MHz) enables wideband operations – no external tuner required!**

**Ruggedized for Real-World Military Applications – Years of continuous operation in varying environments. Tested in Arctic conditions.**

**Extended Frequency Support – While optimized for HF, provides outstanding performance through 100 MHz and remains usable well into UHF bands.**

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



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