

Hams vs. HOA

Antennas

- Steve Radloff
- N4RAF and President Selma Estates HOA
- Member of:
 - Loudoun County Amateur Radio Emergency Services (LCARES)
 - National Weather Service Trained Weather Spotter (LO424)
- Served on:
 - Selma Estates Member then Chair of the Architectural Review Board

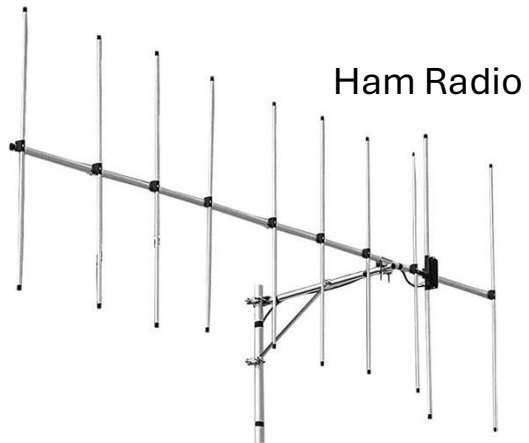
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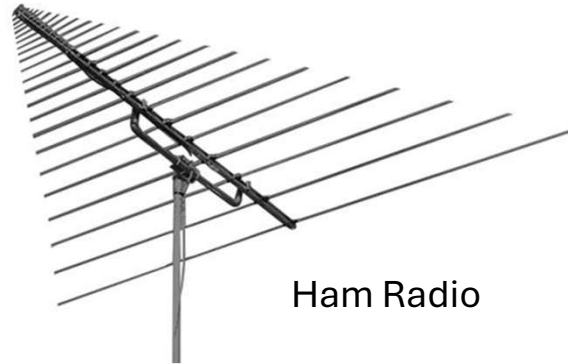
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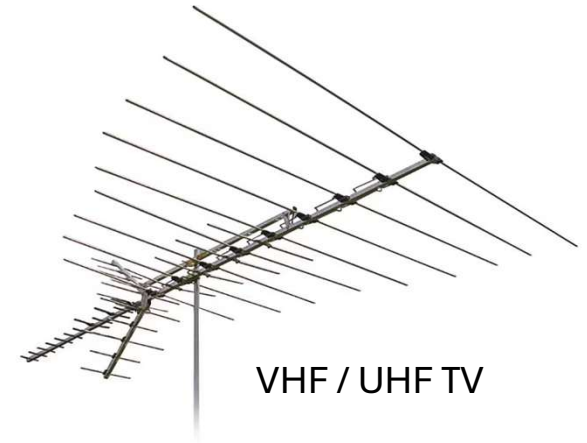
Ham vs. TV



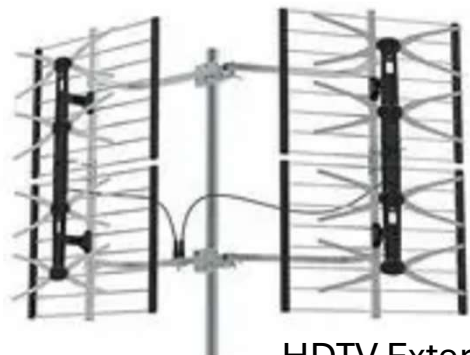
Ham Radio



Ham Radio



VHF / UHF TV



HDTV External



Satellite



Ham Radio



Look closely can see the antenna

Coax to Radio

Alpha Match and Ground Rod Assembly

Connection to gutter

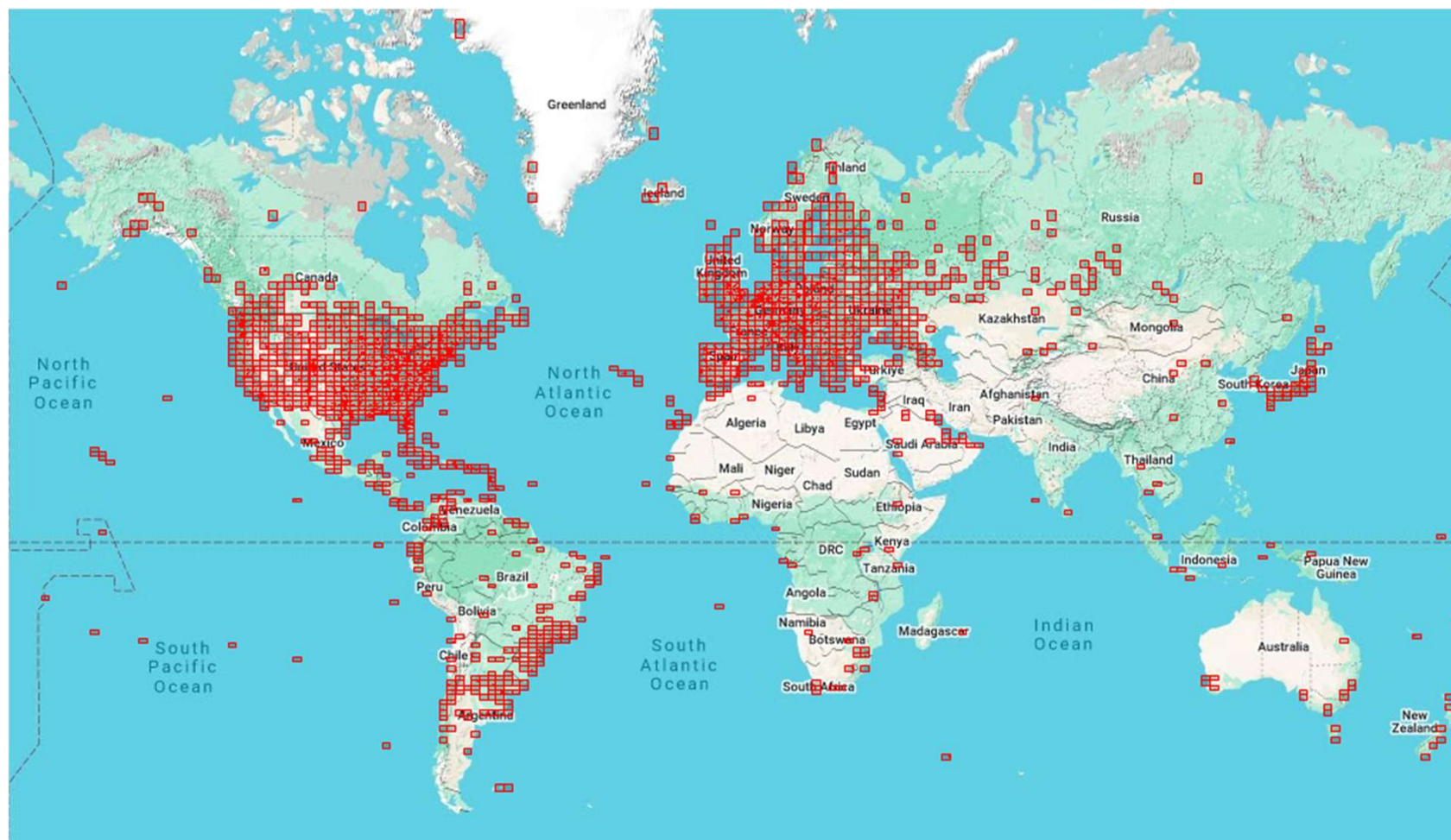


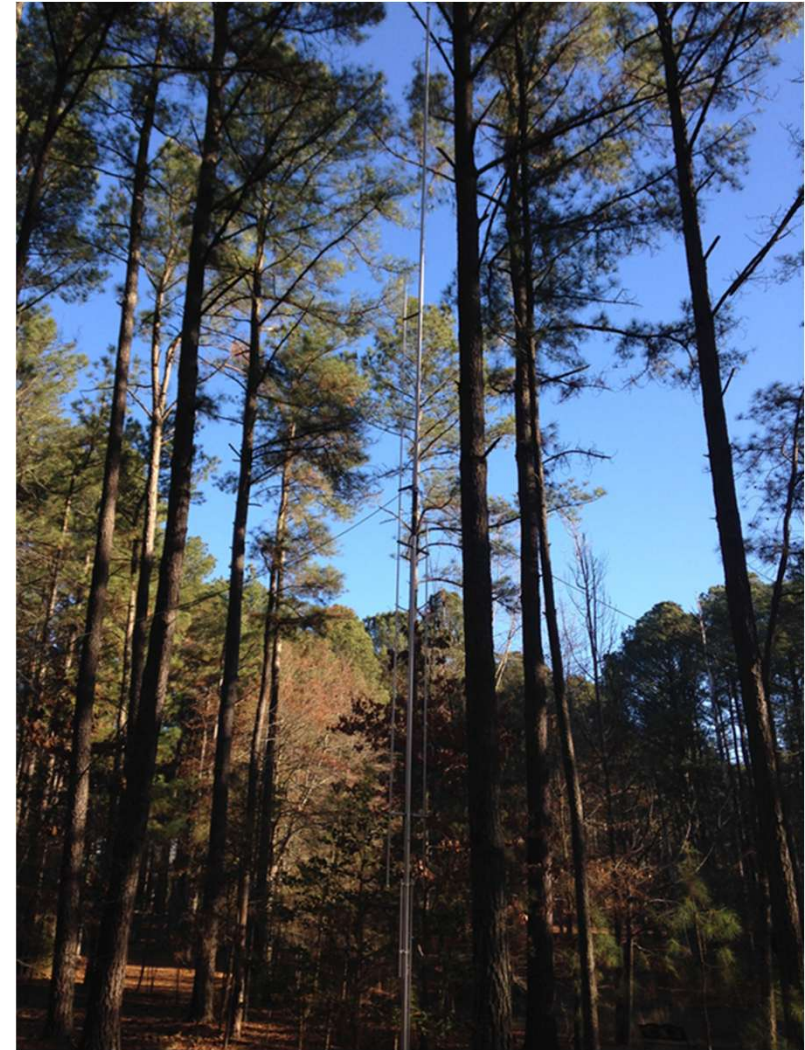
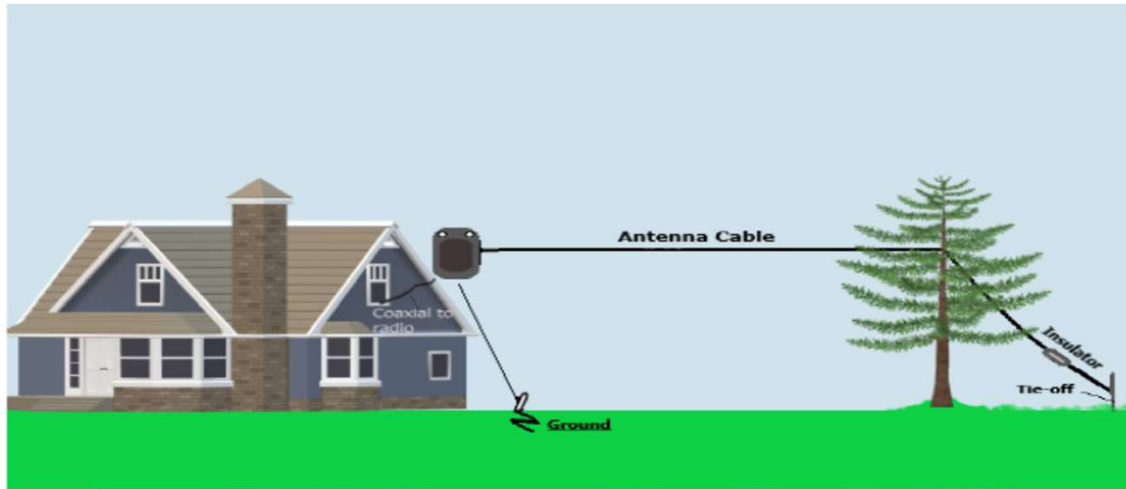


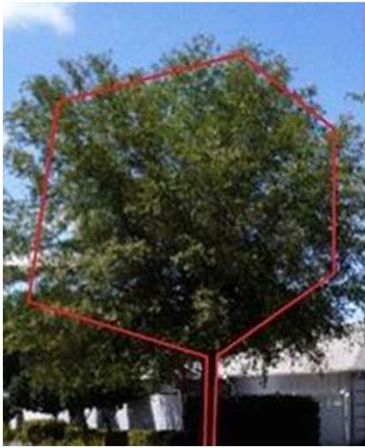
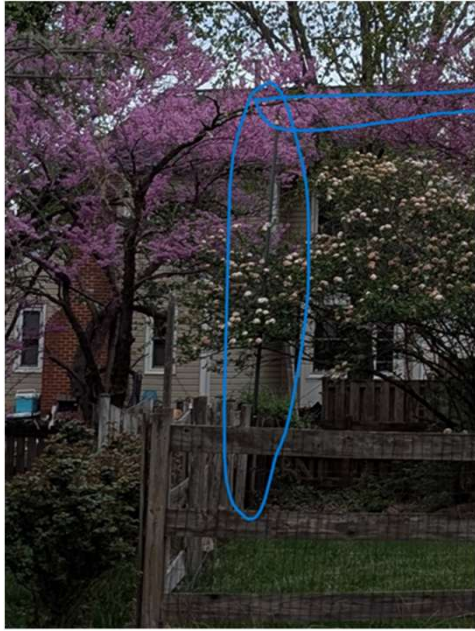


18,000+ contacts

180 of 340 DX entities

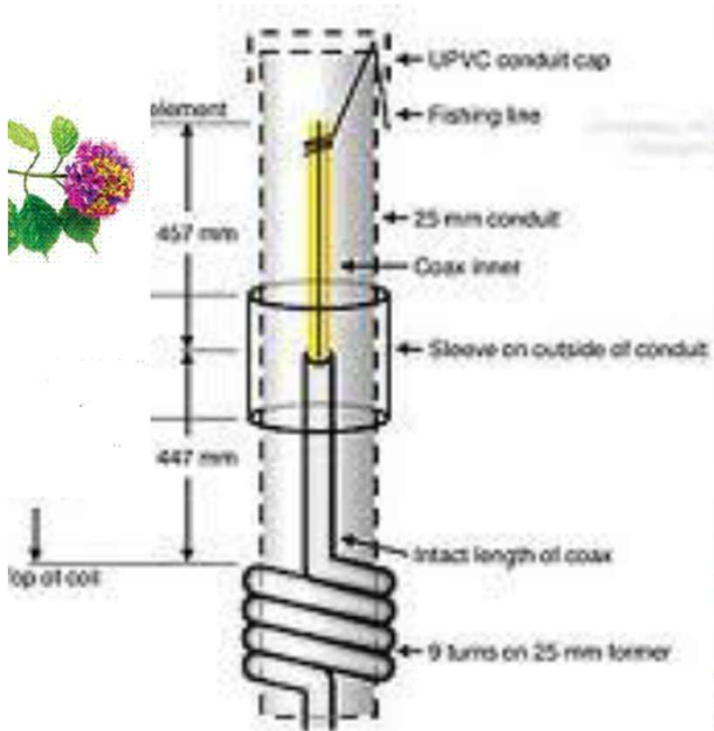






**The simplest solution could
be a hidden tilt up antenna**





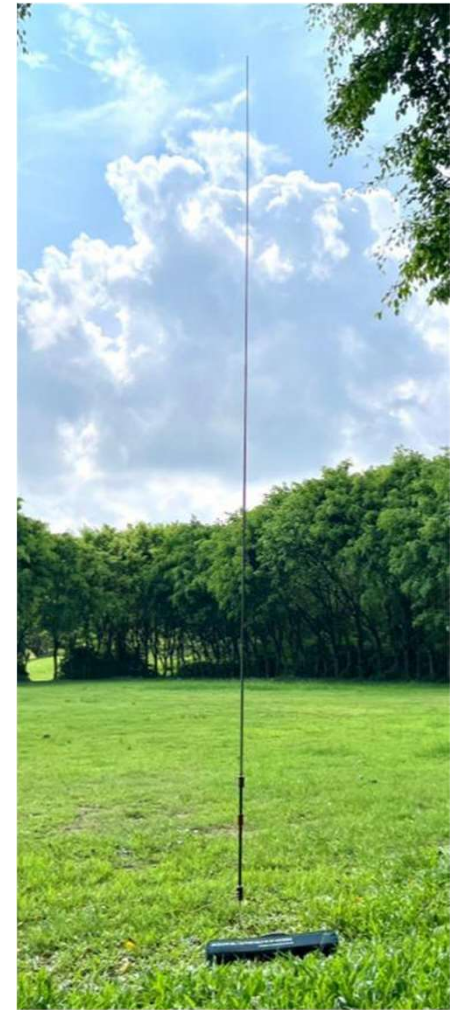
Ventenna VT-27 2M/440 Dual Band \$120



Hide in plain sight



Temporary Setups



Benefits of Ham Radio

- Real time weather spotting for NWS - SKYWARN
 - Ham station at the NWS station in Dulles, VA
- Support to 1st Responders
 - Loudoun County Amateur Radio Emergency Services (LCARES)
 - Operates a station as part of the Loudoun County Emergency Operations Center
 - Back up comms for INOVA Hospital
- Power / Cell phone outages
 - Battery / solar powered stations
 - World wide communications
- Support to local events
 - Ham radio operators reported injury during even at location where there was no cell coverage

“Improvise, adapt, overcome”