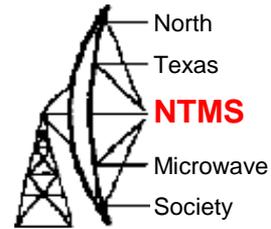


# NTMS Microwave Activity Day

## March 18, 2023

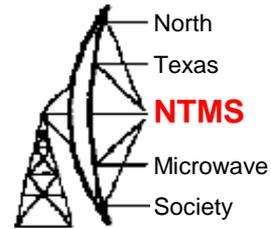
- Stations heard on frequency
- Al - W5LUA - 10, 24, 47 GHz
- Scott – AA5AM – 10, 24, 47 GHz
- Greg – AA5C – 10, 24, 47 GHz
- Keith – WB5ZDP – 10 Ghz
- Pat – W5VY/R – 10 GHz
- Brad – WQ5S/R – 10, 24 GHz
- Al – W5RLG – 10 Ghz
- Paul – WA5WCP/R – 10 GHz
- Jim – KM5PO/R – 10, 24, 47 GHz
- Paul – KI5EMN/R – 10 GHz

# Rover Grids



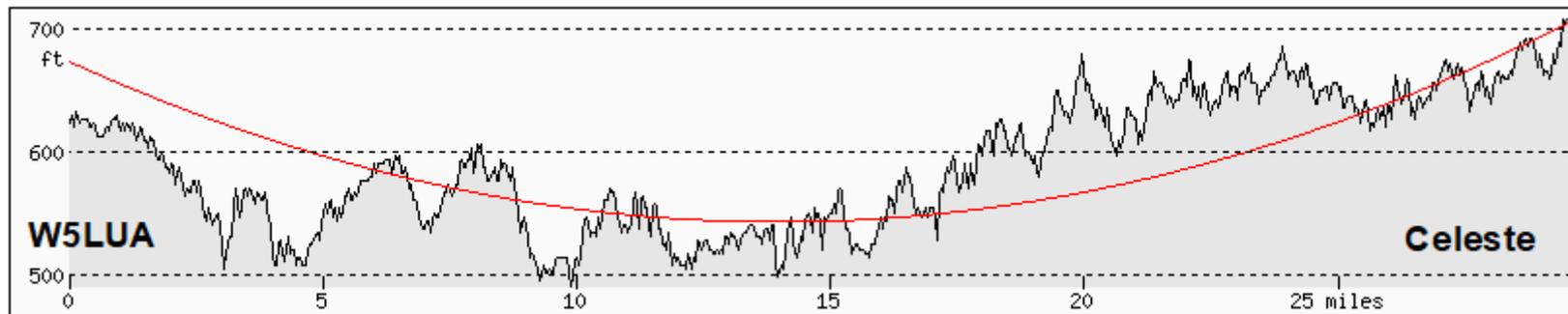
- **WQ5S** — EM13gh - Decatur
- **W5VY** — EM24tq, EM24qq – Queen Wilhelmina Lodge (Rich Mtn)
- **WA5WCP** — EM12mq55 – Interstate 20/Hwy 408 split
- **KM5PO/KI5EMN** — EM12hw, EM13nl, EM13th, EM12sv – Haslet, Tioga, Blue Ridge, Rockwall

# Initial check out on 47 GHz

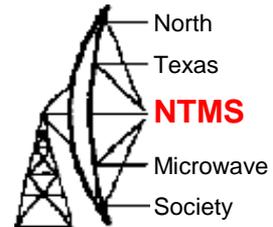


- First contacts on new 47 GHz equipment

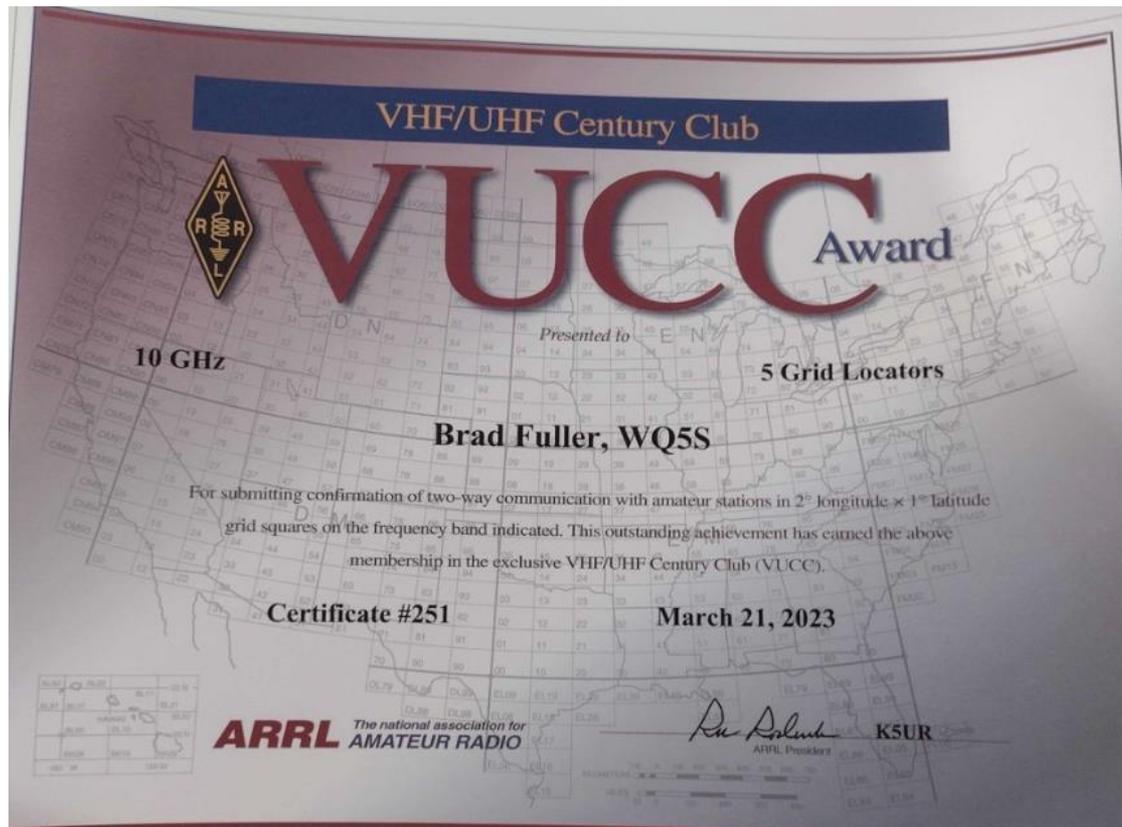
Date	Time	Stn 1	Stn 1 grid	Stn 1 loc	Stn 2	Stn 3 grid	Stn 2 loc	DX
3/17/2023	16:35	W5LUA	EM13qc68il	Allen, TX	KM5PO/R	EM13td37cv	Farmersville, TX	21.23 km
3/17/2023	19:00	W5LUA	EM13qc68il	Allen, TX	KM5PO/R	EM13wh12nv	Celeste, TX	47.54 km



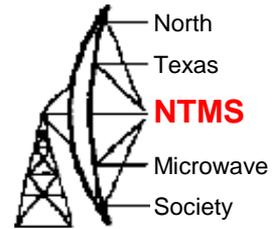
# Accomplishments



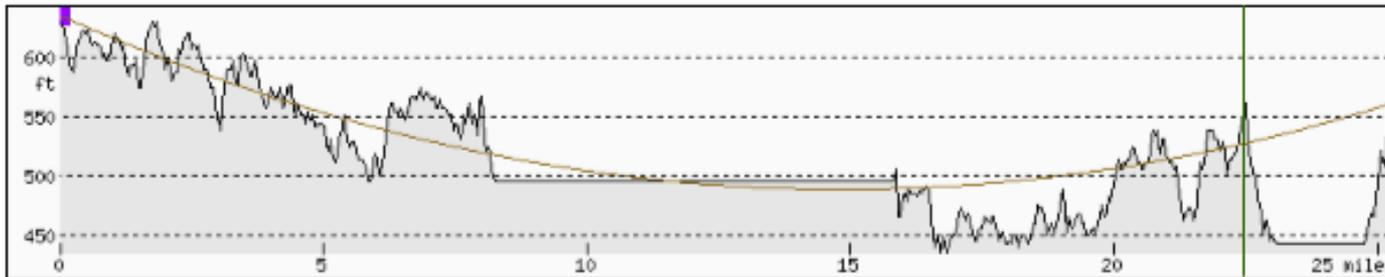
- WQ5S earned VUCC on 10 GHz by acquiring 5<sup>th</sup> grid



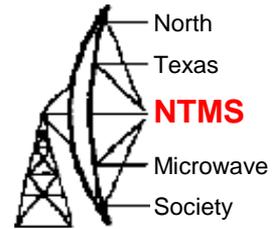
# Accomplishments



- AA5AM Blue Ridge ground level to KM5PO/R Rockwall – 24 GHz



# Accomplishments

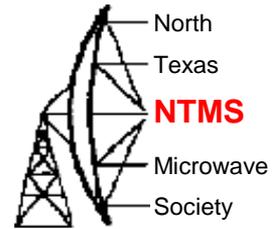


- W5LUA to KM5PO/R on 47GHz– *47 on 47*



AI made 5 contacts total on 47 GHz

# Challenges overcome

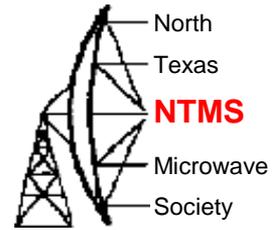


- Cold – windy conditions

Gear tied to T-posts at Tioga TX



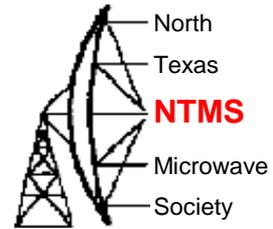
# Challenges overcome



- Tripod tip-over caused IF radio to lose TX ability



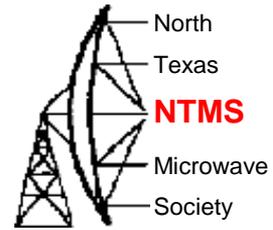
# Winter MAD fun



- Paul at EM12mq55 – Interstate 20 & Hwy 408



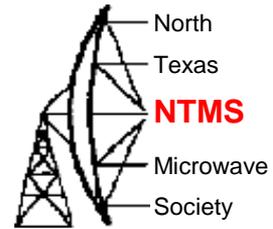
# Winter MAD fun



- AI's (W5LUA) 47 GHz terrestrial rig glows in the dark!



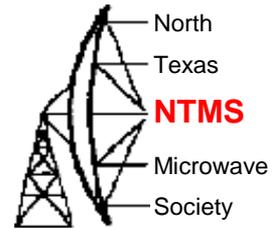
# Winter MAD fun



- Looking toward Greg AA5C from Rockwall Texas



# Next NTMS MAD



- May 27<sup>th</sup>
- 7 weeks away
- Could be a rain-scatter weekend
- KM5PO/R: EM11, EM01, EM02, EM03, EM04
- Others?

# Questions, Suggestions, Discussion?

