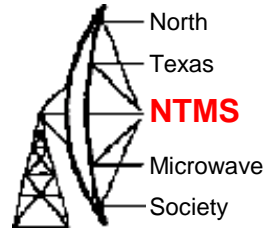


# NTMS 2024 Recap and 2025 Activity Plan

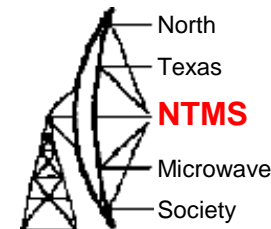
Feb. 8 2025

# NTMS 2024 Recap



- 6 club meetings
  - 23 technical presentations
- Representation by NTMS members at other venues
  - Central States VHF Society – multiple papers/presentations
  - Microwave Update Vancouver – multiple papers/presentations
  - Defcon32 – Kent Britain representing
  - Other
    - Cowtown Hamfest – multiple presentations
    - Field Day (Jim & Matt at Cowtown, Brad at Bridgeport)
    - Huntsville & Gigaparts convention

# NTMS 2025 Activity Plan



- Please volunteer where you can help. Raise your hand!
- Meeting venue change – Zoom meetings likely
- Meeting presentations needed
  - EZNEC antenna design
  - KiCad how-to build a circuit & PCB board
  - Technical presentations from basic to advanced
  - Building microwave equipment
- Beacon projects
  - 24 GHz prototype is ready for packaging (unit test March 1<sup>st</sup>)
  - 47 GHz prototype is ready for packaging (unit test March 1<sup>st</sup>)
  - Field test 24/47 GHz starting in May 2025
  - Implement permanent 24/47 beacons by year end
- SDR clinics
  - Cowtown Hamfest we presented 3 times on SDR – well attended

# NTMS 2024 Recap

- 10 GHz and up contest

## 10 GHz Only

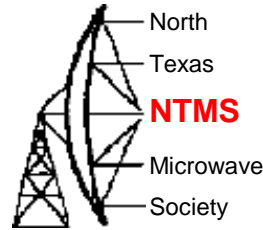
Area 5	
WB5ZDP	8,818
W5VY	6,368
WA5WCP	3,389
N6CA	2,661
WQ5S	1,670
AD5JK	1,194
K5TRA	651

## 10 GHz and Up

Area 5	
W5LUA	10,731
KM5PO	9,755
KI5EMN	8,017
AA5AM	6,799
AA5C	4,981
W5ZCA	2,643

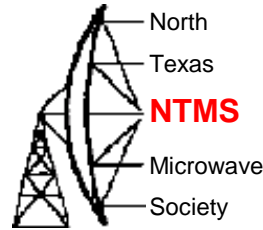
- M.A.D.
  - 10 Microwave Activity Days in 2024
  - Aligned with other parts of the country to hold MAD on first Saturday of the month starting April 2024

# NTMS 2025 Activity Plan



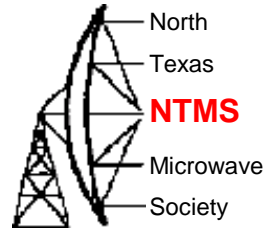
- SDR clinics
  - Cowtown Hamfest (January) we presented 3 times on SDR – well attended
  - Interest list indicated 13 ops want more
  - Zoom SDR schedule is posted on NTMS website – First session 2/22.
  - Zoom meetings will be every 2 weeks. We need instructors.
- Cowtown club Field Day
  - 6 meter digital station, 5 Element yagi at 50', 300 watts. (need volunteers and approval by Cowtown club) more to come

# NTMS 2025 Activity Plan



- 10 GHz and up contest
- Next week Matt will send out a “help needed” survey
  - If warranted we will hold build out sessions from March to May
  - Maybe you have most or all of the parts and need help in final build/test?
  - We have 24 GHz Wavelab boards, 6 extra XP modules, 7 - 12” PF dishes
  - We purchased 4 horns for 47 GHz DB6NT transverters

# NTMS 2025 Activity Plan



- M.A.D. – we've already had Jan and Feb MADs
  - Focus is on 10 GHz and up but other bands are available
  - We have a 10/24 GHz rover rig loaner (Matt currently using)
  - As you finish your 10/24/47 rigs then put them on the air!
  - As a rover I will be adding 5 GHz & crank up height
  - Strategy group to plan 24 GHz dx records attempts
  - Strategy group to plan 122/134 GHz dx records attempts
- Microwave Update Tucson
- Central States VHF Society – Lincoln – July 24-27

# Questions?

