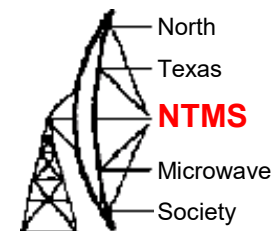


Welcome to North Texas Microwave Society July 18th, 2026



NTMS Agenda

July 18, 2026



- 12:30 to 1:00— Setup & Bull Session
- 1:00 pm - Meeting Starts
- Announcements
- Technical Program
 - **Observations of the W5HN/B beacon in EM12IL – Al Ward, W5LUA**
 - **Automated beacon receivers Part 1 – Jim McMasters, KM5PO**
- Show & Tell by members
- Other items & Business Meeting

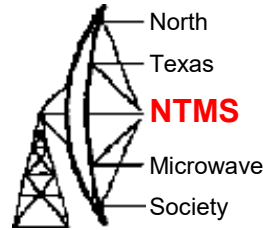
Announcements

- Bob Stricklin, N5BRG and Mats Bengtsson, KD5FZX donated gear/parts which are on the giveaway table.
- Mats has also donated a HP BP20 power supply. If you would like this unit, please see Jim. 220v AC = 50v DC @ 50+ Amps. W6PQL solid state amplifiers use this power supply:
 - 1 KW from 1.8 to 50 MHz
 - 1 KW 50 MHz, 144 MHz, 222 MHz, 432 MHz
 - 600 watts 902 MHz
 - 600 watts 1296 MHz
- Mats has a complete 10 GHz rover and 24 GHz rover system for loan. Thinking about roving? We can pair you up with someone experienced.

Beacon news

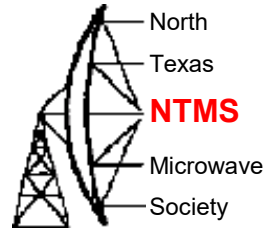
- The beacons in Burleson EM12IL56EI will move to Denton when we have access to TWU.
- In the meantime, they are On-The-Air from Burleson:
- All beacons sign “W5HN/B EM12IL”, CW/Carrier, Q65-60C
- The CW/Carrier can be found at 1000 Hz while the WSJT-X sync tone is found at 1200 Hz. See Al Ward’s presentation today.
 - 10368.369, 1 watt, 40 slot
 - 24192.369, 1 watt, 40 slot
 - 47088.369, 10 milliwatts, 19 dBi horn
- There is a plan to raise the beacons from 30’ to 40’ and add a 24 GHz dish pointed to EM13.
- There is a plan to add two 10 GHz dishes pointed EM13 and EM11.

Beacon news



- A 47 GHz beacon will be added to the W5ISP EM13SF88TX beacon tower soon.
 - 47088.353, W5HN/B CW/Carrier, Q65-60C, 10 mw, Sector Horn
 - Horizontal polarization
 - Beacon monitors need to be built for 24 GHz and also for 47 GHz.
- NTMS funding will be needed for some of the beacon work and research.

July 2026



July 23 – 25 Central States VHF Society in Cape Girardeau, MO, <https://2026.csvhfs.org/>

August 2026

1-2 [222 MHz and Up Distance Contest](#)

8-9 [EME - 2.3 GHz & Up](#)

15-17 [10 GHz & Up – Round 1](#)

Huntsville Hamfest

September 2026

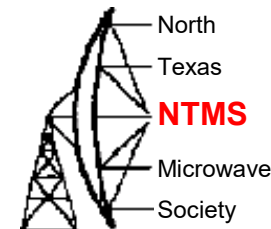
- 5-6 [EME - 2.3 GHz & Up](#)
- 12-14 [September VHF](#)
- 19-21 [10 GHz & Up - Round 2](#)

October 2026

Oct 22 – 24 Microwave Update in Rochester, NY,
<https://microwaveupdate.org/>

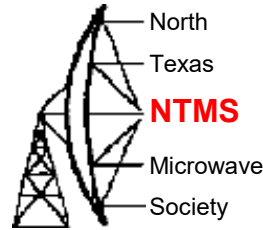
Oct 31/Nov 1 [EME - 50 to 1296 MHz](#)

Perpetual



- **NTMS 2 meter net**
Every Sunday, 8:00 pm CST, 144.260 MHz, called by Ross K5ZSJ
- **The 6 meter Hootowl net**
Every Saturday, Midnight, 50.125, called by Al W5RLG
- **NTMS Lunch**
Every Tuesday, 11:30 am CST, Texas Smokehouse BBQ,
Richardson TX (May change around holidays)
- **144 MHz Activity Night.**
Every Monday 7:00-11:00 pm local
- **222 MHz Activity Night.**
Every Tuesday 7:00-11:00 pm local
- **432 MHz Activity Night.**
Every Wednesday 7:00-11:00 pm local
- **Midwest M.A.D. and NTMS M.A.D**
First Saturday of every month.

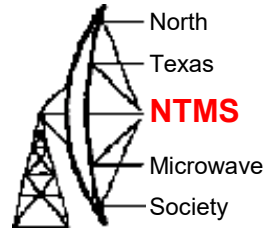
Business Meeting



• Old Business

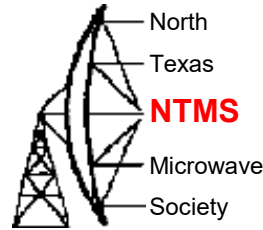
- Plan a strategic rove to Mena/Mt. Magazine primary 24 GHz. June/July timeframe. Propagation did not cooperate
- Firm up date for VUCC attempts trip to El Paso Texas, Sunspot New Mexico (need a volunteer to help with planning this and other westward trips). November 2026
 - We have 2 operators, any others?
 - We can support VUCC for 5, 10, 24 and 47 GHz with equipment loans
- Continue work on microgrant application for submission to Irving Radio Club. At this point it will be 2027.
- Reapply to Zoom for non-profit rate reduction.

Business Meeting



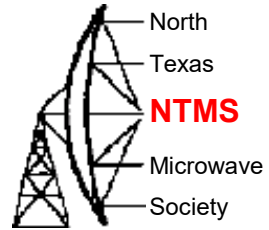
- New Business
 - We need volunteers to help with Microwave Update 2027.
 - List of work to be done during the conference will be circulated.

Show and Tell



- What do you have to show off?
- Lightning round of comments, thoughts.

Adjourn?



- Motion to adjourn?