

# Welcome to North Texas Microwave Society September 13th, 2025



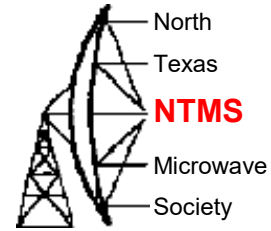
Chirp



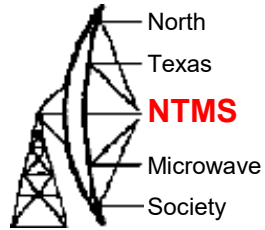
24 GHZ DX  
record

# NTMS Agenda

## September 13, 2025



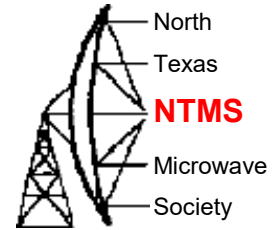
- 12:30 to 1:00– Setup & Bull Session
- 1:00 pm - Meeting Starts
- Technical Program
  - A helical antenna for 70cm and 23cm - Roman Venegas - IEEE MTTS at Texas A & M University Chair
  - ❖ RFzero library, Arduino IDE, example programs and modifying them, troubleshooting – Bo Hansen OZ2M
  - ❖ Machining WR-42 to 26.5 GHz SMA transitions – Jim & Mats KD5FZX
  - ❖ Contest plans – ARRL 10 GHz and Up part 2 – September 20-21, 2025
- Show & Tell by members
- Other items & Business Meeting



# Phishing / scam emails

- Be alert to bad guy schemes
- Watch for
  - Out of character requests – NTMS officers will not solicit through text or email
  - Return email address or URL to click is suspicious
  - Sense of urgency
- Actions to take
  - Contact the person directly
  - Report the email as spam

# Phishing / scam emails



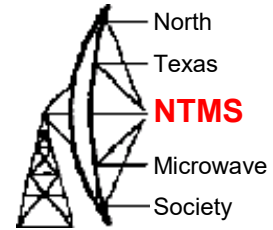
**From:** Jim McMasters, KM5PO <qwerty3321@virginmedia.com>  
**Sent:** Friday, June 13, 2025 08:09  
**To:** wa5tku@atchisonlocal.com <wa5tku@atchisonlocal.com>  
**Subject:** Events/Operating Expenses (Networking Activities Website Hosting and Program Services)

Hi,

Could you please send over the Balance Sheet and confirm if we have ACH/Zelle payment capabilities set up with our account? Also, please let me know the process for making payments on outstanding expenses.

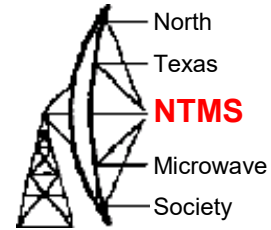
Thanks,  
Jim McMasters

# September 2025



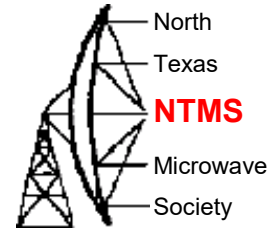
- 9<sup>th</sup> NTMS September Zoom meeting
- 13<sup>th</sup> & 14<sup>th</sup> – ARRL 50 to 1296 MHz EME contest
- 20<sup>th</sup> to 21<sup>st</sup> – ARRL 10 GHz and Up contest (part 2)

# October 2025



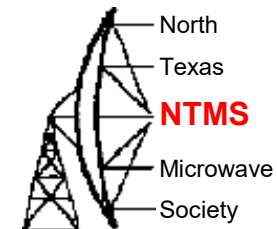
- 3<sup>rd</sup> (Saturday) NTMS MAD – Microwave Activity Day
- 11<sup>th</sup> NTMS October Zoom meeting
  - Your presentation goes here
- 17<sup>th</sup> to 18<sup>th</sup> International Microwave Update (M.U.D.)
  - Tucson, Arizona
    - **DX and VUCC attempts from mountain top locations are planned**
    - **Several NTMS members are attending**
    - **KM5PO submitted a co-authored paper (with Tom Williams WA1MBA) and will also present in person**
    - **The NTMS tri-band beacon (10GHz/24GHz/47GHz with Q65) beacon will be on display**
    - **A recon team will size up the EIPaso and Sacrameto mountains area for possible grid expedition intent on securing VUCC on 10 GHz up through mmWave bands.**

# November 2025



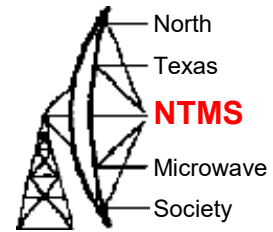
- 1<sup>st</sup> (Saturday) NTMS MAD – Microwave Activity Day
- 8<sup>th</sup> NTMS October Zoom meeting
  - Your presentation goes here
- 8<sup>th</sup> - 9<sup>th</sup> ARRL EME test 50 MHz to 1296 MHz

# Perpetual



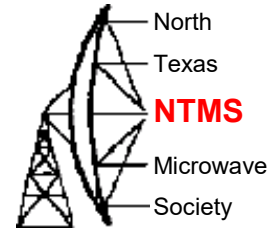
- **NTMS 2 meter net**  
Every Sunday, 8:00 pm CST, 144.260 MHz, called by Ross K5ZSJ
- **The 6 meter Hootowl net**  
Every Saturday, Midnight, 50.125, called by Al W5RLG
- **NTMS Lunch**  
Every Tuesday, 11:30 am CST, Texas Smokehouse BBQ, Richardson TX (May change around holidays)
- **144 MHz Activity 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



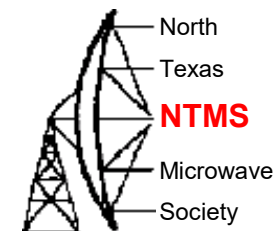
- Old Business
- New Business
- Any other topics to be discussed?

# NTMS Budget & Dues



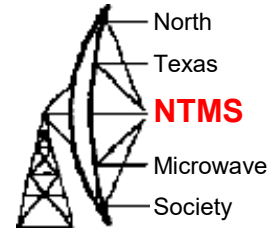
- Zoom Meeting \$160/yr
- Website Blue Host \$86/yr
- ARRL Liability Insurance \$200/yr
- PO Box \$146/yr
- 501c3 non-profit filing with TX \$25/yr
- Total \$617 / \$20 dues > 31 members min
- Does not include meeting room space and ARRL Spectrum Defense Fund donations
- Please support the NTMS with your \$20 annual dues. Information on paying dues at [www.ntms.org](http://www.ntms.org) (see Membership link on left side of home page)

# NTMS Budget & Dues



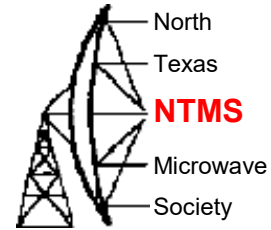
- Total \$617 / \$20 dues > 31 members min
- Does not include meeting room space and ARRL Spectrum Defense Fund donations
- ARRL SDF donation is approx. \$300 so our total operating expenses are over \$900 per year.
- This takes 45 supporting club members to equal our operating expense *just to stay flush*.
- Reality is: our account has averaged a \$500 drop every year in the past 5 years.
- The math seems to indicate that we have 20 supporting club members on annual average.

# NTMS Budget & Dues



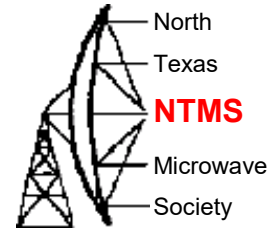
- Like all things there is a finite amount of time we can operate at the current drift down before activities of the club will be affected.
  - Zoom Meeting \$160/yr
  - Website Blue Host \$86/yr
  - ARRL Liability Insurance \$200/yr
  - PO Box \$146/yr
  - 501c3 non-profit filing with TX \$25/yr
  - ARRL Spectrum Fund donation \$300/yr

# NTMS website usage



- A key resource in use by many is the NTMS website.
- Number of unique visitors is about 1600-1900 per month
- Number of hits can reach 20000 per month.
- Referrals are from Google (#1) and then other search engines such as Bing and DuckDuckGo.
- Presentations from NTMS meetings are being downloaded daily.

# July 2025 website usage

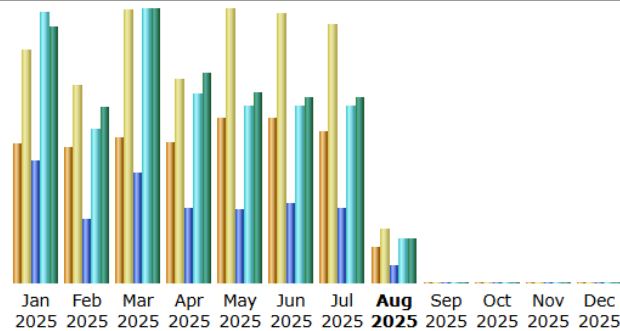


## Summary

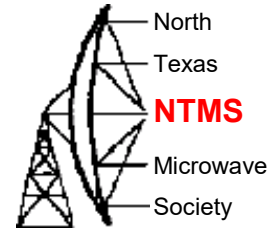
<b>Reported period</b>	Month Jul 2025				
<b>First visit</b>	01 Jul 2025 - 00:04				
<b>Last visit</b>	31 Jul 2025 - 23:36				
	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Viewed traffic *	<b>1,725</b>	<b>2,963</b> (1.71 visits/visitor)	<b>5,677</b> (1.91 Pages/Visit)	<b>13,337</b> (4.5 Hits/Visit)	<b>13.99 GB</b> (4952.68 KB/Visit)
Not viewed traffic *			<b>14,680</b>	<b>28,265</b>	<b>10.72 GB</b>

\* Not viewed traffic includes traffic generated by robots, worms, or replies with special HTTP status codes.

## Monthly history

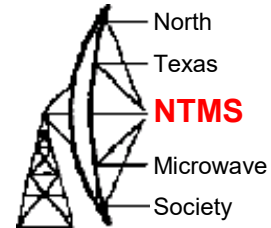


# NTMS website usage

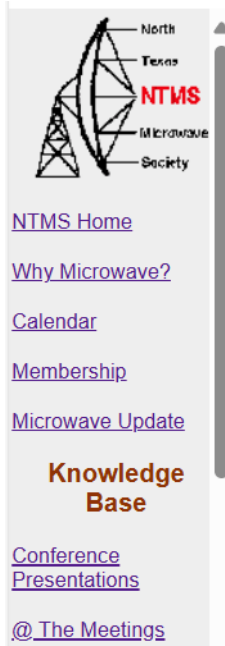


- What is being downloaded
  - Navigation>Downloads>Full List
- How did users find NTMS
  - Referrers>Origin>Referring Search Engine
  - Referrers>Origin>Referring Sites
- Where are users located
  - Who>Locales>Full List
- What time and day of week are users active
  - When>Days of week

# NTMS Budget & Dues



- As we approach the end of the year, please pay your dues and take part in supporting NTMS.
- You may pay dues using the PayPal link on the website or send a check/M.O. to Wes Atchison.



## Membership

NTMS dues are \$20 per year, add \$1 for a family membership. The family membership includes all family ham members. Please fill out a membership form for each member and mail to WA5TKU.

[Click here for membership Application](#)  
(PDF Format - For mail)

[I have a Membership Question](#)

Renew or submit Dues via Paypal

Please include Call Sign and ARRL affiliation (y/n)

For PayPal payments, please email Name, Call Sign and ARRL affiliation to wa5tku AT atchisonlocal DOT com

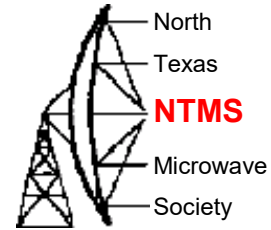
Membership Options

Individual \$20.00 USD ▾

Buy Now



# NTMS Donations



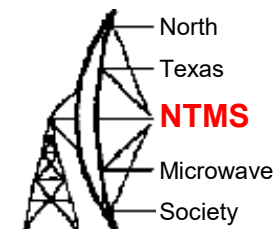
## North Texas Microwave Society

Dedicated to Promoting Activity, the State of the Art in Equipment Design, and the Exchange of Ideas and Technology for the Amateur Bands Above 902 MHz

Donation  
to NTMS

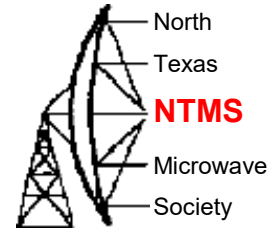
- For donations by check please mail your check to:
- NTMS  
P. O. Box 26  
Sanger, TX. 76266-0026
- Note Donation and call sign on check.

# Free information?



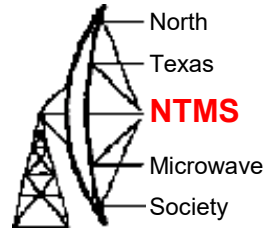
- Is accurate and reliable information ever really free?
- No, some price was paid to obtain, maintain and archive the information. NTMS information is ad-free *but came at a cost.*
  - Combined experience of IEEE members and RF Engineers
  - Operational skills gained over decades of time
- The next gen of microwave operators are among us today. For our mission to succeed will depend on them and the persistence of NTMS resources.
- We will be socializing the need for member support through email and other messaging.

# Next steps



- Place a Donate button on home page with the phrase “If you like what we are doing, please donate.”
- Irving club provides “Micro Grants”.
- A Grant would be suitable to offset or pay for an NTMS large project
  - Multi-band beacon (approx. \$2000 invested now)
  - Repair and modernization of other beacons
- Raise money in other ways besides estate processing.

# Adjourn?



- Motion to adjourn?