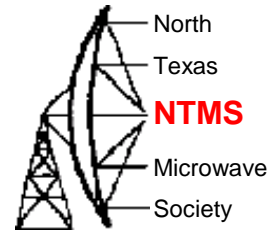
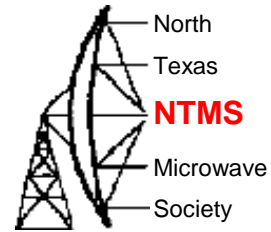


# Welcome to The North Texas Microwave Society May 7<sup>th</sup> 2022



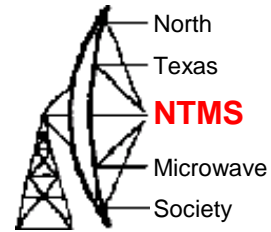
- Noon to 12:30 PM – Bull Session & Introductions
- 12:30 PM - Meeting Starts
- Welcome
- Technical Program
  - Using Sun Noise to Evaluate System Performance at VHF/UHF and Microwave – Barry Malowanchuk VE4MA
  - Texas Version of the G8ACE “Weatherbox” – Jim McMasters KM5PO and Paul Sarver KI5EMN
- “Show and Tell” by members
  - 3400 MHz Bandpass Filter by Keith Berglund WB5ZDP
- Spring Operating Event Results
- Other items & Business Meeting

# Future NTMS Meetings



- NTMS generally meets on the first Saturday of most months. Meetings for the last couple of years have all been Zoom meetings.
- Our first actual in-person meeting could be June 4. We still plan to Zoom all of our future in-person meetings.
- According to [www.dfwham.com](http://www.dfwham.com), there is a DFW Ham Expo Hamfest on June 11, to be held at the Music City Mall at 2401 S. Stemmons Fwy, Lewisville. We have just received word that the Denton County Amateur Radio Association had a planning meeting but it is unknown at this time, if they are planning any sessions where we might be able to contribute. What does the membership want to do? Talk about it after the presentations.
- We decided to NOT have the July 2<sup>nd</sup> weekend as it is part of the 4<sup>th</sup> of July weekend. Next meeting would then be August 6<sup>th</sup>

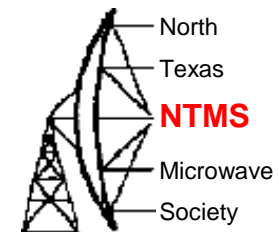
# Technical Program



- Technical Program  
Using Sun Noise to Evaluate System Performance at VHF/UHF and Microwave – Barry Malowanchuk VE4MA

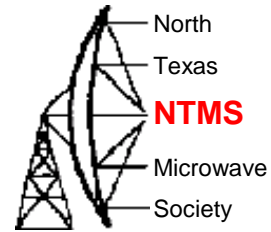
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Others?



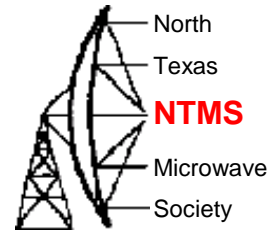
- Any “Show and Tell” from members?

# Spring 10/24 GHz Event



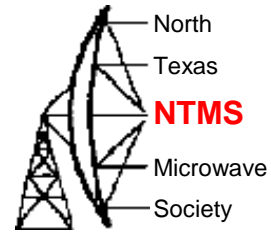
- Activity was concentrated on Saturday April 16.
- Started around 8AM. Finished by 530PM.
- Stations operational in the DFW included WQ5S, KM5PO, WB5ZDP, AA5AM, W5RLG and myself. Attempts were made to work N0OY and W5AFY with no success.
- WQ5S was at a fixed location in EM13 and worked KM5PO in 4 distant grids, only needs 1 more for VUCC
- I found it interesting to compare 24 GHz to 10 GHz at WQ5S through out the day. DX to Brad was 83 km.
- Coordination was on Slack and some Cell phone.
- Anyone care to report in on their activities?

# Beacons



- 6m Beacon – Desert. Needs to go back up. Been down for over a year. Does anyone miss it?
- 3400 MHz Beacon – AA5C has built an Arduino based ADF4351 at 125.94 MHz which when multiplied X27 in the DB6NT beacon will put out on 3400.380 MHz. I am in the process of integrating it.
- 24192 MHz Beacon - I am collecting parts to build a ½ watt beacon at TWU. I purchased an Alford slot antenna from Pyro Joe.
- Other updates or comments?

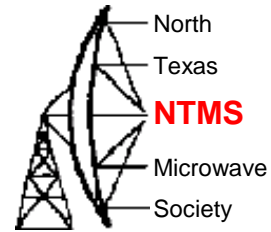
# Meeting Room Possibilities



- The City of Plano has some program rooms that we should be able to take advantage of. Cost is \$25/Hour. We hope to acquire one of these rooms for June 4<sup>th</sup>.



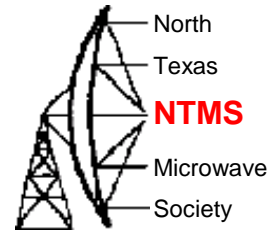
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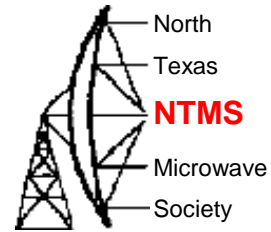


# NTMS Weekly Gatherings on the Radio



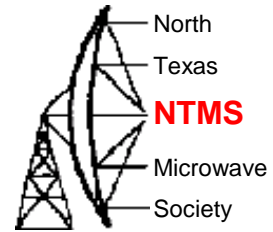
- Sunday 8PM 144.260 MHz USB NET run by Ross K5ZSJ from the Carrollton area
- Monday 7:00 PM 144.174 MHz FT-8
- Tuesday 7:00 PM 222.174 MHz FT-8
- Wednesday 7:00 PM 432.174 MHz FT-8
- Higher frequencies on request

# NTMS Lunch



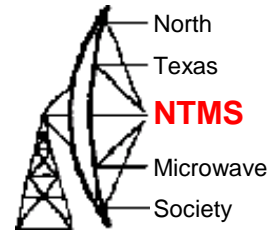
- When: Tuesday 11:30AM
- Where: Texas Smokehouse Bar-B-Que  
800 E. Arapaho Rd #101  
Richardson, TX  
972-699-1521

# Dues



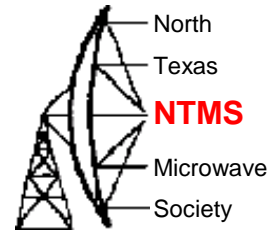
- Please support the NTMS with your \$12 annual dues. Information on paying dues at [www.ntms.org](http://www.ntms.org)

# Business Meeting



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

# Thanks for Attending



- See you next month on June 4<sup>th</sup> or 11 tbd

Russell K5RUS – Dual Polarity Power Supply

PCB and its applications

Other presentations in the works

Any volunteers?

Please let Greg or myself know.

- Don't forget activity days
- Motion to adjourn?