

# AARC Field Day 2022

# GOTA

GET  
ON



THE  
AIR

# FIELD DAY



Jeff Schmidt N5MNW  
AARC Mtg 7 June '22



1916

2022

AARC

106 YEARS

AUSTIN AMATEUR RADIO CLUB

# QSL card design- JP KG5ZZB



**W5KA W5TQ**  
**W50EM**  
**TEXAS**  
**TEXAS**

AUSTIN AMATEUR RADIO CLUB

P0 Box 4739, Austin TX 78765

*Keeping Austin Wireless since 1919*

CONFIRMING QSO WITH	DATE			UTC	MHZ	RST	MODE 2-WAY
	DAY	MONTH	YEAR				

100th Anniversary Special Edition QSL Card

# AARC's Facebook page to be used to communicate what/when/where

## facebook

ON THE AIR  
W5KA/K5LBJ



**The Austin Amateur Radio Club, Inc.**  
Non-Profit Organization

FLEX-6500  
Signature Series  
LIMITED EDITION

# FD station classifications

3 | A | STX

- Number of Main HF transmitters (3)

- A= Club at temporary location (AARC At Red Cross)

- B= 1-2 Person Portable

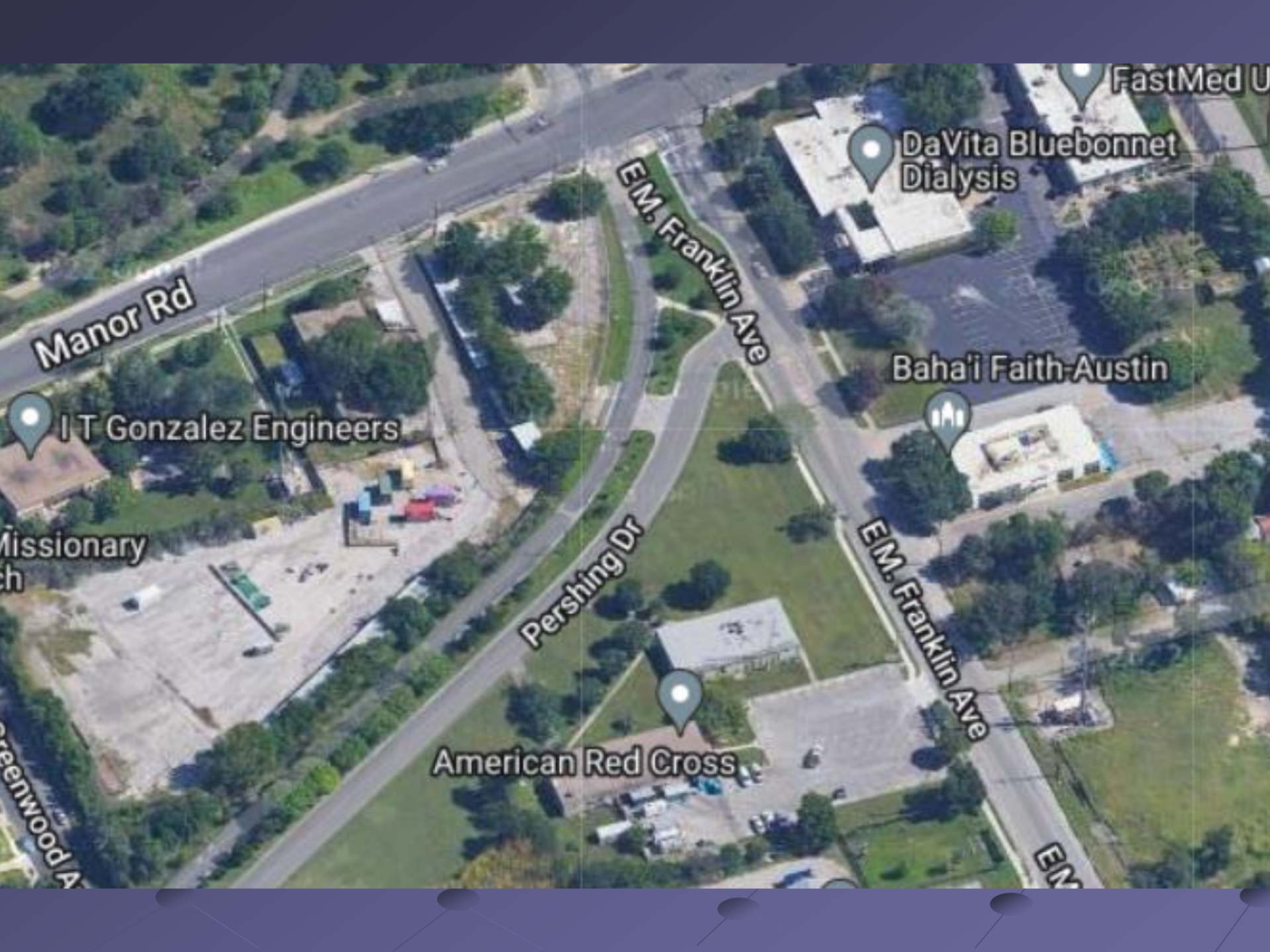
- C= Mobile Station

- D= Home Station w/ Commercial power

- E= Home Station w/ Emergency power

- F= Emergency Operations Center

- ARRL Section (South TX)



FastMed U

DaVita Bluebonnet  
Dialysis

Baha'i Faith-Austin

IT Gonzalez Engineers

American Red Cross

Manor Rd

E.M. Franklin Ave

Pershing Dr

E.M. Franklin Ave

Missionary  
ch

Greenwood A

EM

# Broadband Hamnet Group- Awesome IT Support

802.11 2.4GHz Wireless MESH Network

Database Support of N3FJP FD Logging Software

Paul KD5VRU again has stepped up!



A white utility trailer is parked on a grassy area next to a brick building. The trailer's rear door is open, revealing some equipment inside. Mounted on the top of the trailer is a tall, silver, lattice-structured antenna tower. The tower is supported by a black metal base with four legs, which is secured to the ground with chains. The scene is brightly lit, suggesting a sunny day.

# Trailer Mounted 25G Foldover (6m-VHF-UHF/ High-band HF Station)





# Hoping for lots of FT8 on 6m!

The screenshot displays the WSJT-X v2.0.1 software interface. At the top, a waterfall plot shows frequency activity from 1000 to 3000 kHz. Below the plot, the 'Band Activity' window is open, showing a list of received signals. The 'Rx Frequency' window is also open, showing a list of received signals. The 'Tx' window is open, showing the current transmit frequency and mode. The 'Generate Std Msgs' window is open, showing a list of standard messages. The system tray at the bottom shows the date and time: 2019 Jun 23 14:38:41.

UTC	dB	DT	Freq	Message
143315	-5	0.4	1782	- CQ DK K4MM EM10
143320	-11	0.4	1782	- CQ ED W5RO EM10
143345	-5	0.4	1782	- CQ DK K4MM EM10
143355	-3	0.4	1782	- CQ DK K4MM EM10
143410	-12	0.4	1782	- CQ ED W5RO EM10
143415	-5	0.4	1782	- CQ DK K4MM EM10
143415	-8	0.4	1782	- CQ ED W5RO EM10
143445	-17	0.4	1782	- CQ KU KD1JAC EM10
143445	-8	0.4	1782	- CQ KU KD1JAC EM10

UTC	dB	DT	Freq	Message
143500	Tx	1782	-	W9KVR W5KA 4A 3TX
143530	Tx	1782	-	W9KVR W5KA 4A 3TX
143600	Tx	1782	-	W9KVR W5KA 4A 3TX
143630	Tx	1782	-	CQ ED W5RO EM10
143700	Tx	1782	-	CQ ED W5KA EM10
143715	-13	0.4	1781	- W5KA W44EC 1D 3TX
143730	Tx	1782	-	K34EC W5KA R 4A 3TX
143800	Tx	1782	-	K34EC W5KA R 4A 3TX
143830	Tx	1782	-	K34EC W5KA R 4A 3TX

50.313 000

2019 Jun 23 14:38:41

Generate Std Msgs

- K34EC W5KA EM10
- K34EC W5KA 4A 3TX
- K34EC W5KA R 4A 3TX
- K34EC W5KA 9A73
- K34EC W5KA 2Y
- CQ ED W5KA EM10

# Hoping to see this all weekend!

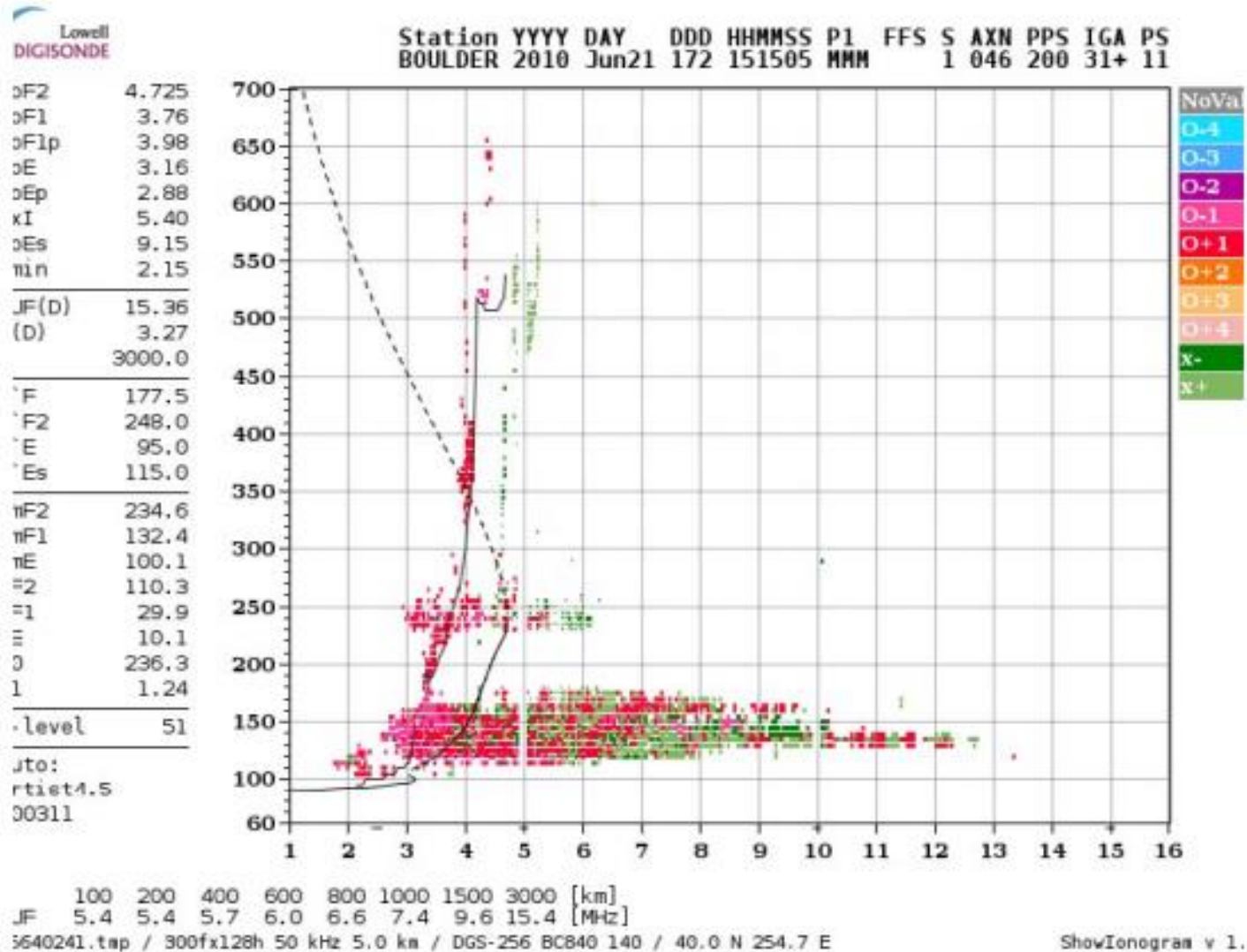
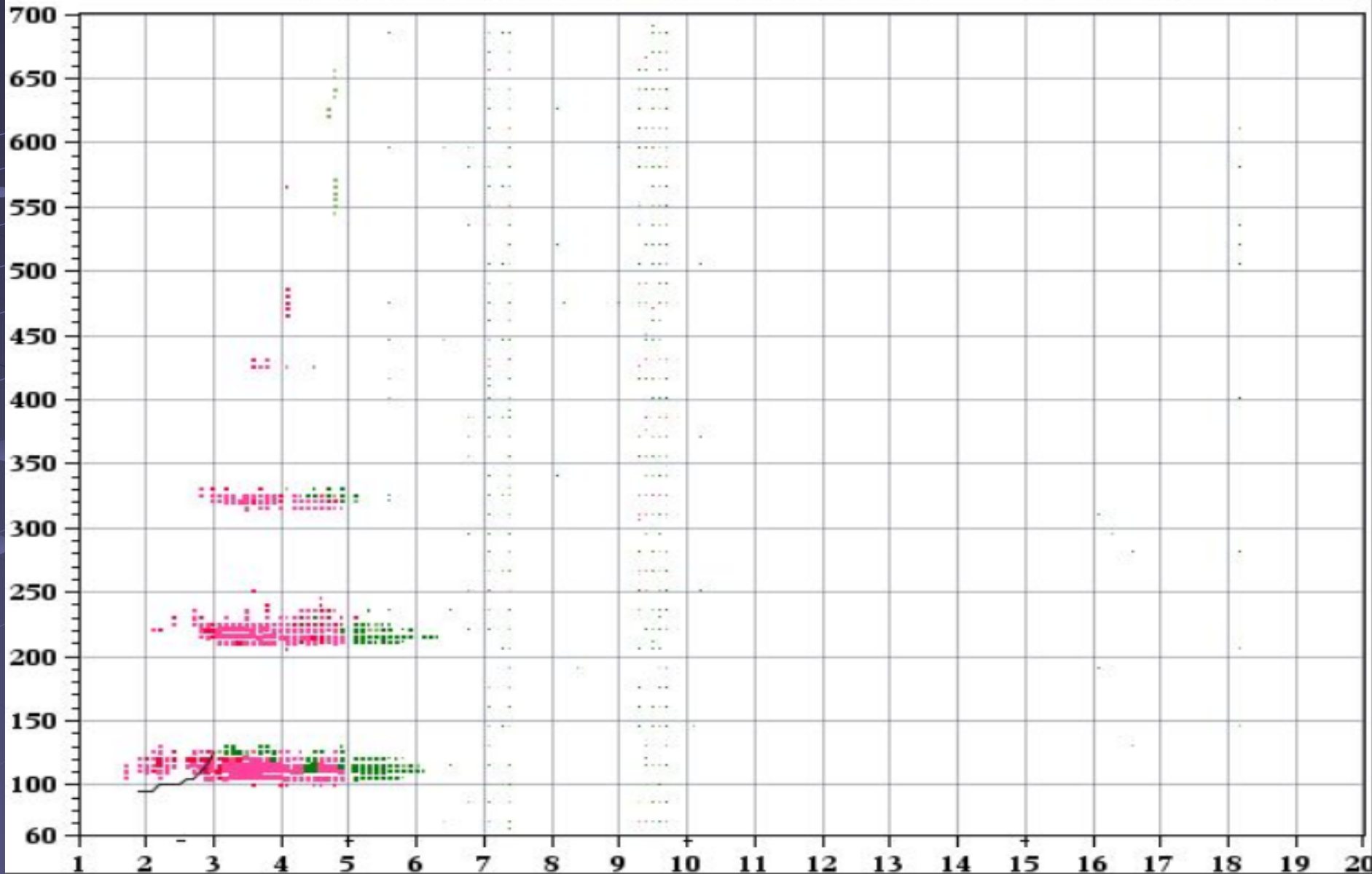


Figure 5. Ionogram from Boulder Colorado on 21 June 2010 measured by a Digisonde which shows the strong sporadic-E layer around the 100 km altitude (<https://ulcar.uml.edu/DIDBase/>).

# Or This...

Statio YYYY DAY DDD HHMMSS P1 FFS S AXN PPS IGA PS  
AUSTIN 2018 Jun24 175 140005 MMM 1 045 100 32+ 11





# IC-7100

# ICOM

Main  
FT-8  
Station  
(All  
Bands  
but 6m  
focus)



# Main HF-6m SSB rig ICOM IC-7300



# Main 2m/70cm SSB rig ICOM IC-9700





For all the excellent pics  
stolen from the following:

Thanks to Mark, JP KG5ZZB, Ronnie KC5EES,  
And any others who may have contributed!

# K5LBJ(GOTA) Coach Ronny Risinger KC5EES



"Field Day"  
Austin Amateur Radio Club  
June 23-24, 2018

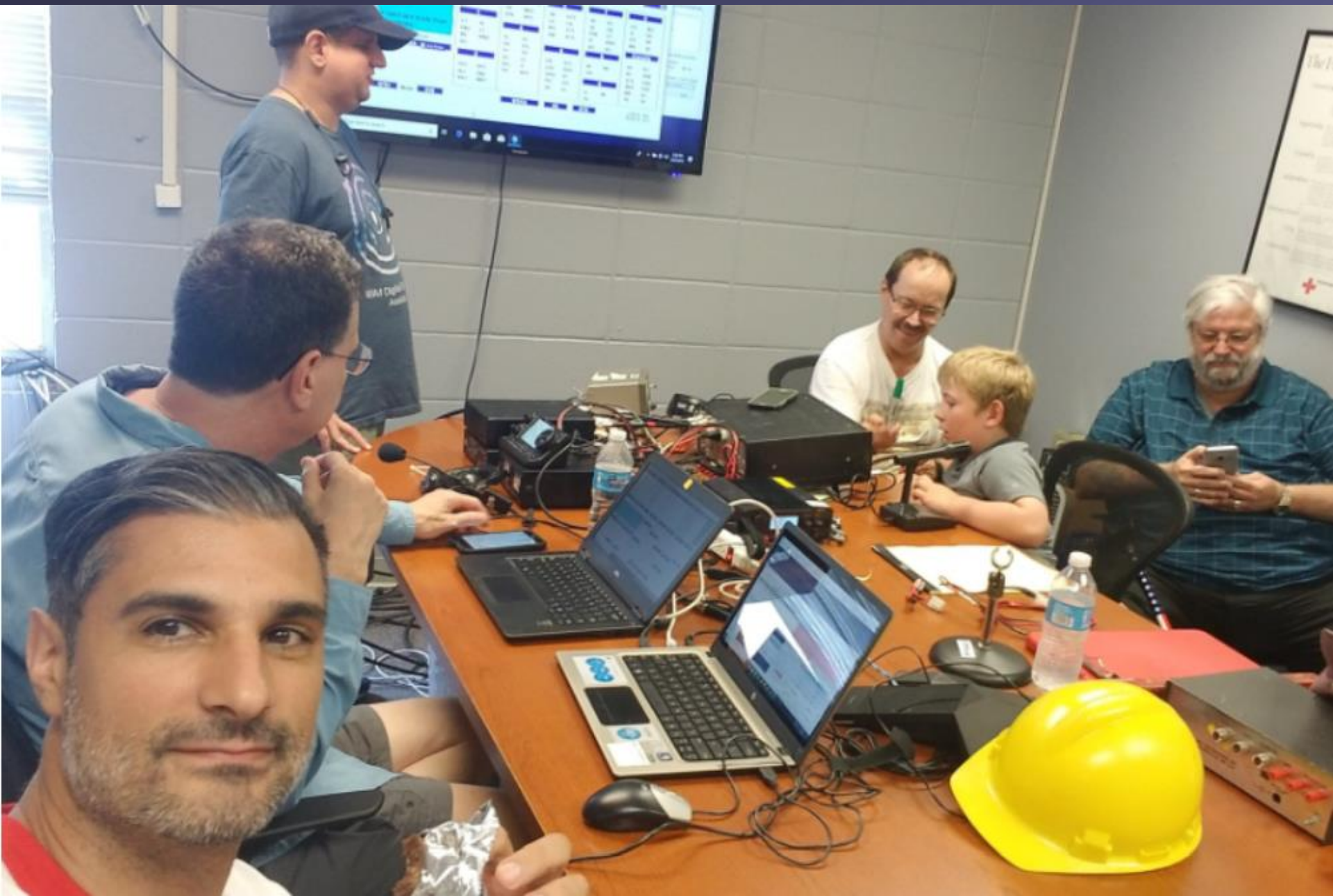
# Lew W5IFQ at the GOTA station



# TCARES Trailer: A/C Power, HF Voice & Digital



# JP KG5ZZB & others at FT8 & VHF



Pete K5GM  
King of CW!!



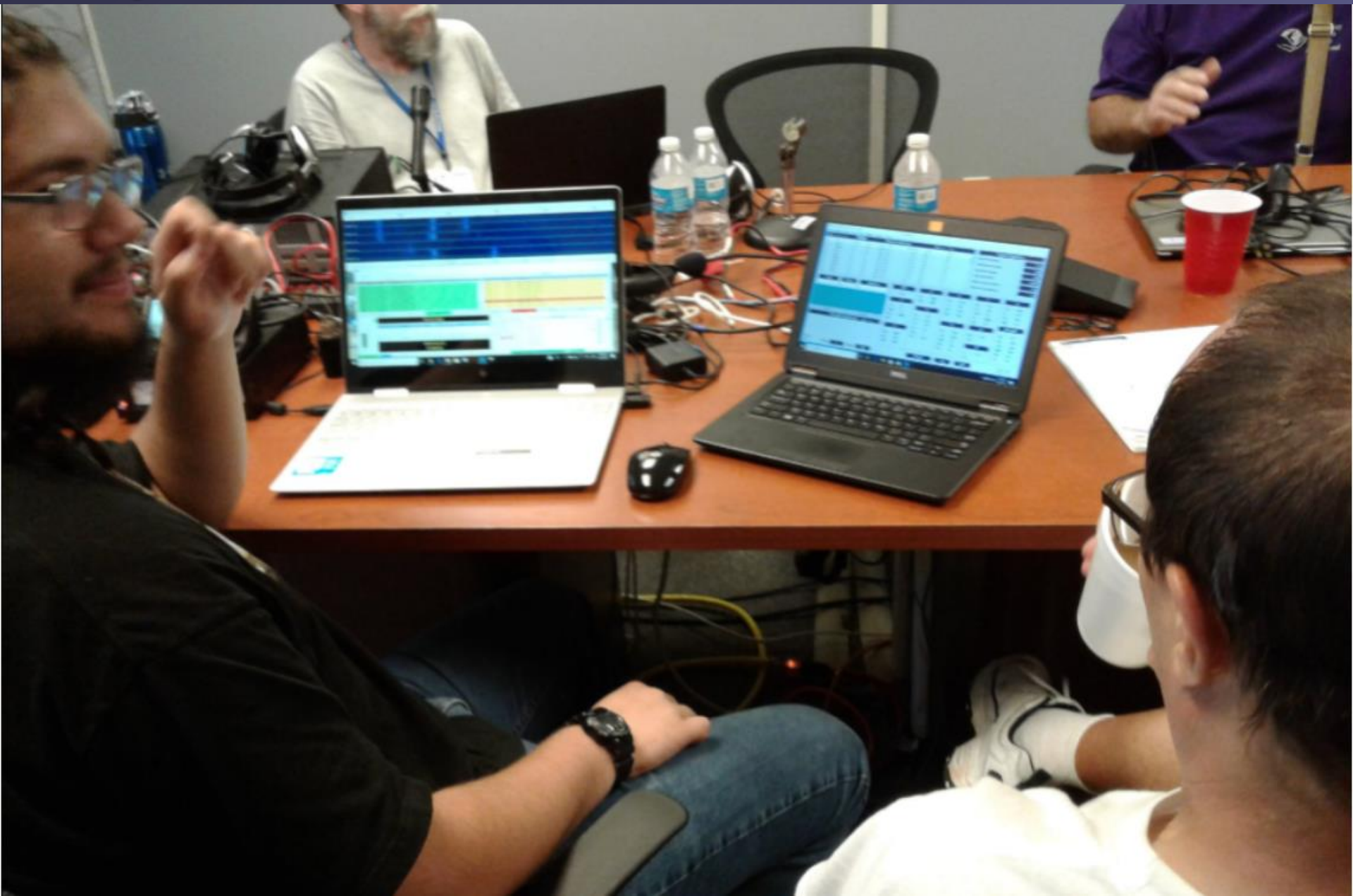
# Ryan KC3JHO at GOTA



It can be –crowded- !



# Ryan KC3JHO and MNW at FT-8



# Larry WB2MZY filling the log!



# Stu K5KVH and friends



# Practical Application Demos

RF Effects in Coax

Soldering RF connectors

Measuring Coaxial cable loss

# Questions?

🌐 I'm Sure I Missed Something...