



Connectivity Panel

Moderator: Jason Grendahl

Participant: Marc Nijdam

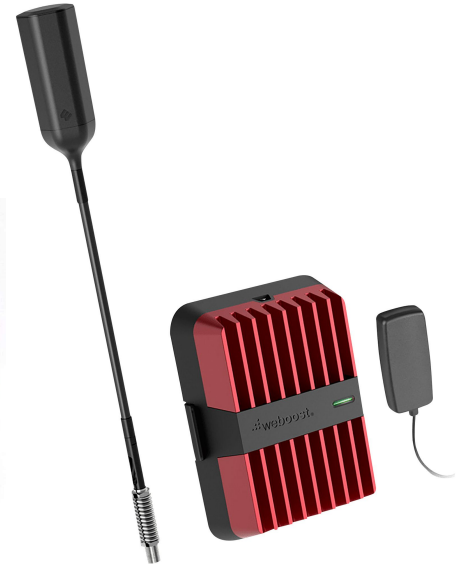
Participant: Mike Blom

Agenda

1. What we're going to cover
2. Bio's / about us / what we use for connectivity in our rig
3. Panel discussion
4. Open floor / questions

Connectivity Systems

1. Pepwave: Cellular & WiFi Harvesting
2. Starlink (Satellite)
3. Mifi / Hotspots (cellular)
4. WeBoost (cellular)



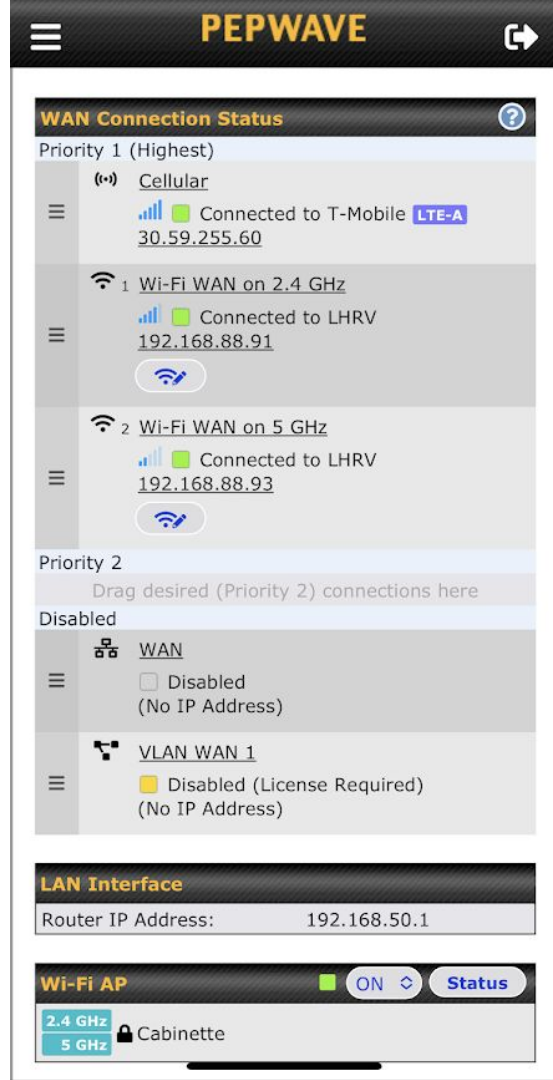
Introduction - Jason

- Bought first Airstream in 2008
- Currently in a 2005 Bunkhouse
- Regularly travel with family (4 people)
- Added Pepwave/wifi/router in early 2021
- Use two GoogleFi (T-mobile) SIM cards
- Kids play connected video games
- Jason works from the road (sometimes)
- Regularly stream TV/DVR/Amazon/Netflix



Why did I choose the Pepwave system?

- Starlink for RV wasn't available yet
- Phone hotspotting / Mifi didn't seem good enough inside the Airstream (Faraday cage...research)
- weBoost and directional antennas seemed spotty and required tailored setup each time (directional ant.)
- Airstream installs(ed) it, so it's gotta be good, right?
- External antenna (see Faraday above)
- Joins multiple sources into one supply pool (cellular & wifi)
- Wireless router inside the Airstream and pushed outside as well via the antenna
- Uses SIM cards from any carrier



Introduction - Marc

- Bought International 25FB in 2017
- Full time since 2018
- Work online full-time
- Change location ever 1-2 weeks
- 50/50 suburban vs “out there”
- TMobile phones
- TMobile and Verizon hotspots
- Daily online video/work meetings
- Regularly stream TV/DVR/Amazon/Netflix



Why did we choose a mixed system

- Easily use 200Gb a month
 - Zoom
 - Heavy data processing
- WeBoost for faraday cage effect
 - Only marginally useful
 - Small paddle antenna worked just as well
- Verizon/T-Mobile hotspots for work when no Starlink
 - Maxxed out plans - data cap
 - Use when on the east coast - dem trees!
- Starlink for work only when clear skies
- Segregated, non bonded today



Introduction - Mike

Mike's WiFi History

- Cellphone hotspots - AT&T and Verizon
- WeBoost X RV
- Pepwave Max Duo Transit - AT&T and Verizon SIMs
- Starlink - in conjunction w/ Max Duo Transit (router bypass to ethernet output) & utilize SpeedFusion Connect to bond all 3 channels for throughput
- Pepwave Max Transit Pro - 2023 Airstream Classic with Airstream Smart App in conjunction w/ Starlink



What influenced my choices?

- Ultimate goal was remote work connectivity and leave the house behind
- Initially work focused on email and file upload/download and very little video
- All Airstream trailers 2020.5 and newer became prewired for external cellular antenna allowing easy way to transition from WeBoost to Pepwave
- Starlink became available but not a panacea
- Airstream Smart Control gives greater remote control
- Volunteering for Airstream Club requires a lot of Zoom



Panel Discussion



Audience Q&A



Thank You!

