

43rd Annual Eastern VHF/UHF Conference

April 21-23, 2017

Hosted by North East Weak Signal Group

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Introduction

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Presentations

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- [Building a 10GHz Rover](#)
+ *Powerpoint Slides*
by [Ken Kent, KA2LIM](#)
- [Reclaiming a Waveguide Switch using 3D Printing](#)
by [Matt Reilly, KB1VC](#)

- **The LimeSDR on VHF and Microwave**
by **Mike Seguin, N1JEZ**
- **Antenna Analyzer Pet Tricks**
+ *Powerpoint Slides*
by **Don Twombly, W1FKF, and Paul Wade, W1GHZ**
- **Simple and Cheap Transverter for 10 GHz**
+ *Powerpoint Slides*
by **Paul Wade, W1GHZ**
- **222 MHz Medium Power Amplifier**
+ *Powerpoint Slides*
by **Bill Koch, W2RMA**
- **The PA Microwave Luncheon Experience**
+ *Powerpoint Slides*
by **John Jaminet, W3HMS**
- **Aircraft Scatter Update 2017**
+ *Powerpoint Slides*
by **Roger Rehr, W3SZ**
- **ARRL 222 MHz and Up Distance Contest**
+ *Powerpoint Slides*
by **Bart Jahnke, W9JJ**
- **WSJT X MSK144 and VHF Contesting**
by **Tony Emanuele, K8ZR**

Workshops

- [Arduino Workshop Files by KM3G](#)
 - [Microwaves without a Wheelbarrow of \\$\\$\\$ Workshop files](#)
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Contributed Papers

- [Homebuilt 4 GHz and 12 GHz radiometers](#)
by Norman Grody
- [Frequency West brick are more Versatile than Advertised](#)
by Gerald Johnson, K0CQ
- [Low Impedance Parallel Wire Transmission Lines](#)
by Gerald Johnson, K0CQ
- [Microwave Signal Sources for Receiver Testing](#)
by Gerald Johnson, K0CQ
- [OE9PMJ 24, 47, 75.5, and 78 GHz filter dimensions](#)
by Gerald Johnson, K0CQ
- [Short Multiband LP for Feeding Parabolic Reflectors](#)
by Gerald Johnson, K0CQ
- [Slides to accompany papers above](#)
by Gerald Johnson, K0CQ
- [A 70cm 500w SSPA with Remote LNA](#)
by Paul Bock, K4MSG
- [Helpful Tips for 70cm Small Station EME](#)
by Paul Bock, K4MSG

- **Swivel-Base Mast for Limited Space Applications**
by Paul Bock, K4MSG
 - **5760 MHz 3 watt amplifier**
by Don Twombly, W1FKF
 - **W1GHZ 10 GHz Transverter plus multiplier board**
by Don Twombly, W1FKF
 - **Dual-band Feedhorn for AMSAT Phase 4**
by Paul Wade, W1GHZ
 - **Understanding the OE9PMJ Microwave Filter**
by Paul Wade, W1GHZ
 - **A 222 MHz Portable Antenna**
by Bill Koch, W2RMA
 - **AircraftScatterSharp**
by Roger Rehr, W3SZ
 - **Computerizing the Collins Method for Troposcatter Path Loss**
by Roger Rehr, W3SZ
 - **TropoScatter Propagation for VHF UHF and Microwaves**
by Roger Rehr, W3SZ
 - **MDS test results from NEWS picnic 2016**
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Pictures

- **NEWS Picnic 2016**

- VHF Super Conference 2016
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