

39th Annual Eastern VHF/UHF Conference

April 26-28, 2013 Manchester, CT

Hosted by North East Weak Signal Group

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Introduction

Welcome

Schedule

Tom Kirby Memorial Award

Presentations

Rover Redux 2013
by Rick Rosen, K1DS

Homebrew Yaesu Rotor Controller
by Sigurd Kimpel, KJ1K
- additional files and Arduino source code on disc

Power Amplifier for 23 cm - Concept to Prototype
by Wayne Getchell, VE3CZO

Experiments using Mother Nature's Elevated Antenna Range
by Dick Frey, WA2AAU

Modern Oscilloscopes
by John Seney, WDIV

Locked VCXOs for Microwave Local Oscillators
by Paul Wade, W1GHZ

Whole House Backup Generator Installation
by Terry Glagowski, W1TR

3D printing for Microwave Horns
by John D'Ausilio, W1RT

Contributed Papers

Tests on a DIGITAL TV LNB for 10GHz narrowband
by Andy Talbot, G4JNT - from Scatterpoint

Backup Power - the Cheap Ham Approach
by Bob Peloquin, KB1VUA

EME USB Tower Camera
by Stephen Bell, KJ7OG

A Nearly Predictable Noise Source
by Gerald Johnson, K0CQ

Setting Transverter Drive for Better Signal Reports
by Gerald Johnson, K0CQ

Soldering
by Gerald Johnson, K0CQ

Battery Monitor
by Wayne Getchell, VE3CZO
- additional files on disc

CleverLoad
by Wayne Getchell, VE3CZO
- additional files on disc

A Recipe for Rapid PCB Prototyping
by Wayne Getchell, VE3CZO
- additional files on disc

Switching Regulator Boosts 12 to 28V
by Wayne Getchell, VE3CZO
- additional files on disc

Grounding and Bonding for Lightning protection
by Warren Stone, VO1KS

Ode to Sporadic E
by Bob Culbertson, WA3YGQ

Eliminating DeadZone in Oscilloscope Measurement
by John Seney, WD1V

10 GHz Narrowband using Cheapo LNB and USB dongle

by Don Twombly, W1FKF

Modification to Hermes-ANAN-10 for Transverter output

by Don Twombly, W1FKF

TPI USB RF Signal Generator

by Don Twombly, W1FKF

A Flexible VCXO Locking Board

by Paul Wade, W1GHZ

Experimenting with HighSpeed Wireless Networking in the 420 MHz Band

by David Bern, W2LNX

Pictures

2M antenna at K8GP FM19

Contributed by Ed Parsons, K1TR

K1TR on Mt. Washington

Contributed by Ed Parsons, K1TR

K1TR shack January 2013

Contributed by Ed Parsons, K1TR

K1TR tower January 2013

Contributed by Ed Parsons, K1TR

Overheated 25KW Dummy Load

Contributed by Warren Stone, VO1KS

Overheated 25KW Dummy Load showing melted Aluminum

Contributed by Warren Stone, VO1KS

WZ1V Beacon List

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