

SBE CHAPTER 70 - CLEVELAND/AKRON

SBE 70 MINUTES

Tuesday, January 14, 2025

Gather Online beginning at 6:30pm

Meeting 7:00pm with presentation or open discussion to follow

January 14th MEETING INFO

The January 14 meeting will be virtual, via Zoom. As of now, we don't have a presentation locked down, so it may be open discussion, or, if there is a topic you would like to discuss or share information on, let me know. It can of course be informal... we don't need a polished presentation, so put your thinking caps on and let me know. We will update everyone via an email with the reminder prior to the meeting with that 'to-be-determined' presentation.

Usual times apply: Gather online at 6:30pm, Meeting at 7:00pm and program and/or open discussion to follow.

Hope to see you there!

- John Hovanec, CSRE/CBNT DRB AMD
SBE Chapter 70 Program Chair

CHAIRMAN'S CHAT

"Hello and Happy New Year to all members and friends of SBE Chapter 70!"

Thanks to those that made it to the last meeting in November, we had a nice look back at the MBMTC and a good chat. I hope to see more of you at some of our meetings this year, and meeting program and/or site suggestions are always appreciated. We really need your support to continue.

Nationally the SBE has found a new Executive Director in Michael Downs, CAE, CMP, DES, CED. He begins his employment on January 6, 2025. Downs has 27 years of experience in non-profit management. We wish him the best in his new position. (See more about Michael Downs on page 2)



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Chairman's Chat (Continued from page 1)

There's a new webinar about 'FAA Notification and Filing – Working with the FAA' on January 16, 2025 at 2 p.m. ET. The webinar covers when and why you need to notify the FAA, process timing, and the implications that an FAA review can have with FCC matters.

Stay warm!

Blake E. Thompson CBNT
BET Broadcast Engineering
PBS Western Reserve Chief Engineer
OAB/WVBA ABIP Inspector

Mike Downs hired to head SBE

The Society of Broadcast Engineers (SBE) has hired Michael Downs, CAE, CMP, DES, CED, as the new executive director. He begins his employment on January 6, 2025. Downs has 27 years of experience in non-profit management at an International level. Since 2012 he was the director of conventions and meetings of Kiwanis International, a global service organization. Previous to that, he worked for 10 years as chief staff executive of Key Club International. During his time with Key Club, the organization posted year-over-year-growth in membership. His professional experience includes an extensive background in strategic plan development and deployment.



On the announcement, SBE President Ted Hand said, “I welcome Mike to the SBE. His extensive association experience will be an” asset to the Society as we look ahead to the coming year and continuing future. I look forward to working with him to continue furthering the goals of the SBE and providing superior services to our members. I also want to thank the members of the search committee, led by SBE Vice President Kevin Trueblood, for their work.

(Source: SBE.ORG)

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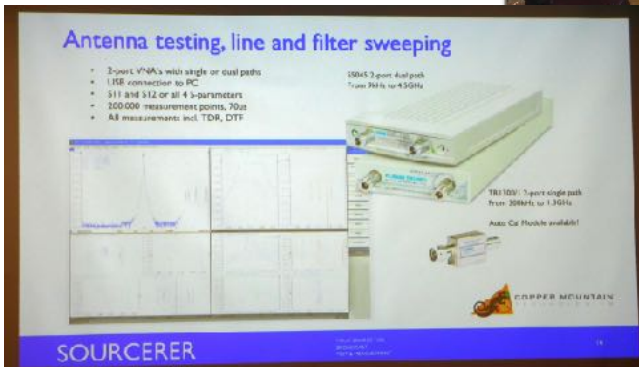
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NOVEMBER MEETING

Presentation: Look back at the MBMTC



Antenna testing, line and filter sweeping

- 2-port VNA's with single or dual paths
- USB connection to PC
- S11 and S12 or all 4 S-parameters
- 200,000 measurement points, 70us
- All measurements incl. TDR, DTF

100W 2-port dual path
From 20Hz to 4.5GHz

180 100' 2-port single path
from 200kHz to 1.3GHz

Auto Cal Module available!

COPPER MOUNTAIN

SOURCERER



RF Power Sensors - Test & Measurement Tools for the Broadcast

LadyBug LB5908A

True RMS Average Power Sensor

- 1 MHz - 8 GHz
- -40 dBm to +26 dBm
- USB controlled, PNA-12 software included
- N-male connector (others available as option)

Power Cal with LadyBug

COPPER MOUNTAIN

LadyBug

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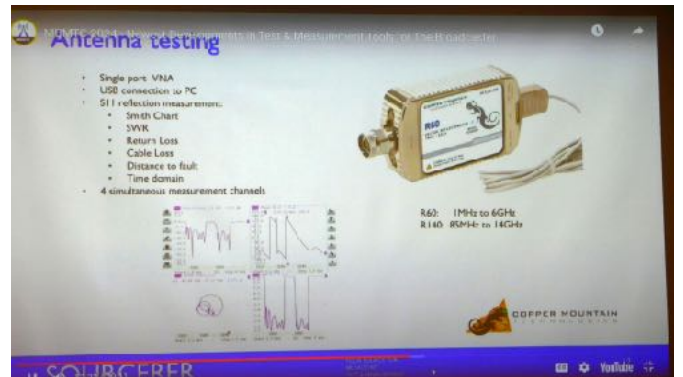
Measurement antennas

- Omnidirectional
- Directional
- Magnetic
- Electrical
- Pre-amplifiers (battery operated)

AARONIA AG

www.aaronia.com

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Antenna testing

- Single port VNA
- USB connection to PC
- S11 reflection measurements:
 - Smith Chart
 - SWR
 - Return Loss
 - Cable Loss
- Distance to fault
- Time domain
- 4 simultaneous measurement channels

R60: 1MHz to 6GHz
R140: 80MHz to 14GHz

COPPER MOUNTAIN

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SBE 2025 Certification Exam Schedule



Exam Dates	Location	Application Deadline
February 7-17, 2025	Local Chapters	January 3, 2025
April 8, 2025	NAB Show	February 21, 2025
June 6-16, 2025	Local Chapters	April 13, 2025
August 1-11, 2025	Local Chapters	June 14, 2025
November 7-17, 2025	Local Chapters	September 4, 2025

When you are ready to take an SBE exam, please fill out the appropriate [application](#) and send it into the SBE National office. You will be notified once your application has been approved. Approximately 3 weeks before the exam time, your local certification chairman will receive a list of applicants in his/her area. He/she will then contact those applicants to schedule a date, time and place for the exams. The exams will be mailed back to the National office for grading. The pass/fail grades will then be mailed directly to the applicants.

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SBE CHAPTER 70 - CLEVELAND/AKRON

ZOOM MEETING: You are invited to SBE Chapter 70



Topic: SBE Chapter 70 January 14, 2025 Meeting
Time: Jan 14, 2025 06:30 PM Eastern Time (US and Canada)

Join Zoom Meeting

[https://us06web.zoom.us/j/86569935717?
pwd=QL7t6YifUCOheUbWZZws0BRPb4BAGJ.1](https://us06web.zoom.us/j/86569935717?pwd=QL7t6YifUCOheUbWZZws0BRPb4BAGJ.1)

Meeting ID: 865 6993 5717

Passcode: 450426

or dial:

• 1 929 436 2866

• 1 312 626 6799

• 1 301 715 8592

Meeting ID: 865 6993 5717

Passcode: 450426

2024-2025 Chapter 70 Officers

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