A one-day seminar will be presented on the ATSC's digital television (DTV) vestigial sideband (VSB) transmission system measurement methodologies. This seminar, a follow-up to the original VSB Fundamentals seminar, is aimed at broadcasters, broadcast consultants, equipment manufacturers (broadcast, consumer, & test), translator/LPTV operators, and cable operators. The seminar will help you develop a basic understanding of 8-VSB transmission system measurements in the laboratory, at a transmitter site, and at remote field test sites. Practical test equipment information such as features, options, specs, & other performance requirements will be covered. Attendance at this seminar earns one SBE credit towards re-certification and it can facilitate preparation for the SBE VSB Specialist Certification exam.
The seminar will focus on the following topics:

- Brief 8-VSB Transmission System Review
- Basic Measurement Concepts
  - Power meters
  - Spectrum analyzers
  - Clock frequency & jitter analyzers
- VSB LABORATORY Measurement Methodologies
  - Concepts, equipment requirements, specs, etc.
- VSB TRANSMITTER Measurement Methodologies
  - Concepts, equipment requirements, specs, etc.
- VSB FIELD Measurement Methodologies
  - Concepts, equipment requirements, specs, etc.

Questions?

Contact: Scott Barella
Chapter 48
Phone: (303) 858-9817
E-mail: scottb@burstvideo.com

Contact: Gary Sgrignoli
Meintel, Sgrignoli, & Wallace
Phone: (847) 259-3352
Email: Gary.Sgrignoli@IEEE.org

Time for Q and A will not only be allowed, but encouraged throughout the all-day Power Point presentation. In-depth seminar notes (600-page book with copy of Power Point slides plus appendix of reference articles) will be handed out to all attendees to take home. A box lunch will be provided. Dress will be casual.

Enrollment is limited, so please RSVP soon.
Cost is $85 for members; $135 non-members;

Make checks payable to: SBE Chapter 48
This seminar is open to the public

Hurry! Enrollment is LIMITED!

Registration Form

Contact name

Company

Address

City State Zip

Phone Fax

E-mail Address
(Registration will be verified by e-mail, whenever possible, along with detailed campus map)

Please enclose $85 for each SBE registrant and $135 for each non-member registrant and send in by Friday 5/12/06.
List names below:
1) ____________________________
2) ____________________________
3) ____________________________
4) ____________________________

Method of payment: Total enclosed
Check or money order enclosed payable to: SBE Chapter 48 $__________

FAX credit card info: VISA ☐ MC ☐ # ____________________________
Expiration Date ______________

Mail Payment To: Jim Schoedler (SBE Chapter 48)
1089 Bannock Street
denver, CO 80204
303-892-6666
E-mail: jim_schoedler@krma.pbs.org
Friday, May 19, 2006
8:00 a.m. to 5:15 p.m.
University of Denver
Sturm Hall Room 251
2000 E. Asbury Avenue
Denver, CO

Parking Information
Parking available for $6.00
303-892-6666
ATSC *Digital Television* Transmission System

8-VSB *Measurement* Seminar

Hosted by: SBE Chapter 48

Friday, May 19, 2006

8:00 a.m. to 5:15 p.m.

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