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.

NOTE: A special free 8-VSB Specialist Certification Exam review session will be held Friday night, October 28, 2011 from 6 to 9 pm at KERA studios for those wishing to review 8-VSB Transmission System Fundamentals for the upcoming November 2011 exam. See last page for more info.
The Saturday all-day 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.

Time for Q and A will not only be allowed, but encouraged throughout the all-day Power Point presentation. In-depth seminar notes (750-page book containing copy of Power Point slides plus appendix of reference articles) will be handed out to all full-registration attendees to take home. A box lunch will be provided to all registrants. Dress will be casual.

Enrollment is limited, so please RSVP soon.
SBE & SMPTE Members: $50 for pre-registration; $75 at the door
Non-members: $60 for pre-registration; $85 at the door
Students (with valid IDs): $25 for pre-registration; $35 at the door

This seminar is open to the public.
Hurry! Enrollment is LIMITED!

Registration Form

Please enclose registration amount for each seminar registrant and send in by Friday 10/21/11. More info at: http://sbe67.info
List names below:

1) ____________________________ Student ☐ SBE ☐ SMPTE ☐
2) ____________________________ Student ☐ SBE ☐ SMPTE ☐
3) ____________________________ Student ☐ SBE ☐ SMPTE ☐
4) ____________________________ Student ☐ SBE ☐ SMPTE ☐

Method of payment: $___________ Total enclosed

Check or money order enclosed payable to: SBE Chapter 67
For electronic payments, go to: http://sbe67.info

Mail Checks or Money Orders To: SBE Chapter 67
P.O. Box 171595
Irving, TX  75017-1595
214-403-1464

E-mail Contact: tschuessler@tbn.org
ATSC Digital Television
Transmission System
VSB Measurements

Hosted by:
SBE Chapter 67 & KERA-TV

Saturday, October 29, 2011
8:30 a.m. to 5:30 p.m.
KERA-TV Studios
3000 Harry Hines Boulevard
Dallas, TX 75201

Parking Information:
See the following website for directions to KERA Studios: http://www.kera.org/about/directions/
Free parking available on site (parking lot and street)
KERA Studios: 214-871-1390 or 972-263-3151 (metro)
Registered for the all-day VSB seminar on Saturday ???

Pick up your 750-page *handout material* on Friday night which will help with the review session !!!

Come prepare for the November SBE 8-VSB examination.