



Society of  
Broadcast  
Engineers  
SAN DIEGO  
Chapter 36

- Archives
- Calendar
- Contacts
- EAS
- Home
- Jobs
- Links
- Members
- SBE.org
- Search
- Sponsors
- Subscribe

## June 2005 Chapter Meeting Report

### HDTV To Go

*By Gary Stigall  
Chapter 36 Chairman  
Chief Engineer, XETV Fox 6*

[Global Microwave Systems](#) of Carlsbad demonstrated a remarkable new high definition portable microwave system. With COFDM digital transmission, camera operators walked around the Bay City TV Fox 6 studios, their picture never wavering as a real-time spectrum analysis bobbed and weaved. Presenter Ken Andrew said the new system, which won GMS an AIM award at this year's NAB Convention, was ready for network-quality HDTV due to its limited 25 Mbps data rate. But attendees saw a system clearly ready for news coverage or film-style production monitoring.

One of the most interesting parts of the demo was the active signal addition circuitry. The processor input IF signals from seven co-linear vertical 2GHz antennas and output an in-phase addition of all signals, leading to the best possible reception at all times.

Meanwhile, the chapter seemed to be infused with a new vigor. Relative to recent meetings, this one was well-attended by a wide variety of members and guests from all segments of the local broadcasting population.

New officers were nominated, and will be elected in the coming month by paper vote of members. Nominations included Eric Schecter of Jefferson-Pilot Communications for Secretary/Treasurer, Stephen Frick of KFMB Stations for Program Chair, and Carlyn Yenger of Pacific Radio Electronics for Vice Chair. The Chair position nomination was tabled till next meeting.

[Back to Top](#) | [Home Page](#)

©2005 Society of Broadcast Engineers Chapter 36 San Diego.

Edited and posted by Gary Stigall. Posted June 18, 2005.