



Hill Country Connection

June 2012

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Chapter Information
Hill Country Chapter
PO Box 202394
Austin, TX 78720-2394

Wavelength Division Multiplexing

On May 16, 2012 The Hill Country chapter were pleased to have Greg Scott and Steve Olen of Omnitron Systems Technology, Inc. present an amazing training class on Coarse Wavelength Division Multiplexing. Founded in 1992 in Irvine, CA, the drive in today's technology has expanded to horizons of fiber networking. This training covers the basis from standard wavelengths to the proper installation of a multiservice chassis. The information covered in this training was beneficial to technicians seeking certification of the Broadband Transport Specialist. The next time Omnitron Systems Technology, Inc. is here, I would highly recommend attending this training. Greg and Scott executed their deliverance of information by not only speaking of a power point presentation, but also inducting a part of the training for hands on. This kind of training is crucial when preparing for any certification with an influence of fiber networking. The future of fiber networking is endless and only with time we will see just how far the envelope can be pushed.

We Have A New Board Member!

Join me in welcoming our newly elected Hill Country Chapter Board Member, Kendall Robinson. Kendall is the Regional Account Director at Arcom Digital living in Round Rock, Texas. He has worked on the vendor side in the Cable Industry for over twenty years focusing primarily on the test equipment side. In October 2010, Kendall joined Arcom. He previously worked as a sales engineer for Wavetek in the mid-nineties and joined Sunrise Telecom in 2001 where he started presenting cable seminars across the country. Kendall has extensive technical experience with Spectrum Analyzers, RF Sweep Equipment, SLM's, Fiber Test Equipment and Leakage detection equipment. We look forward to the knowledge and insight that Kendall will bring to our chapter, welcome aboard Kendall.

On Wednesday, June 20th, 2012, Kendall presented the following topics.

1) **Topic:** Digital Leakage

This presentation covered the following:

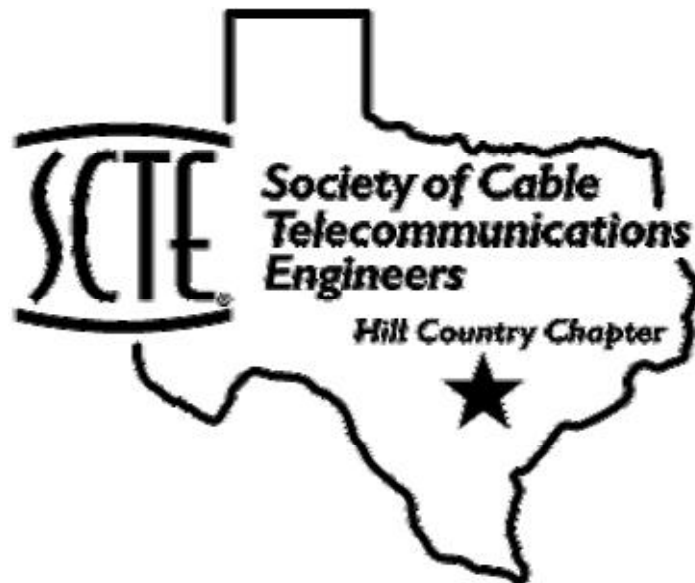
- LTE interference and FCC requirements.
- CLi.
- Showed Real world examples where high frequency leak testing found customer impacting problems.
- Explained new technology used to measure QAM Digital Leakage.

2) **Topic:** Return Path Impairments

This presentation covered the following:

- Overview of Return Path Impairments.
- What is CPD and how to find it using existing test equipment as well as using new technology.

- Impulse Noise.
- Laser Clipping.
- The importance of characterizing return impairments
- Monitoring return modem C/N signals.
- Explanation of linear and non-linear type distortions.



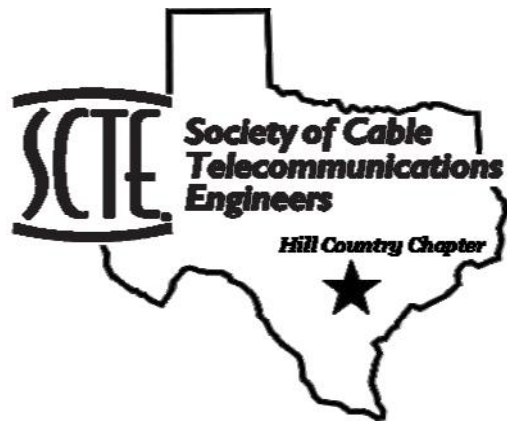
Mark Your Calendars! Upcoming Chapter Events

- July 18th, Edge Quam

SCTE CERTIFICATION

To schedule SCTE certification testing, please use the following contact information:

- Austin Testing for TWC Employees, contact Patrick Byars (patrick.byars@twcable.com)
- San Antonio Testing for TWC Employees, contact Stephen Knox (stephen.knox@twcable.com)



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