

| MEETING Minutes  |   | Chapter Officers        |               |                          |          |              |           |
|--|---|-------------------------|---------------|--------------------------|----------|--------------|-----------|
| <b>Meeting Type:</b>   | Technical Presentation  | <b>Chairperson:</b>     | Doug Parker   | doug.parker@adtran.com   |          |              |           |
| <b>Subject:</b>  | <i>Using The Real Time Spectrum Analyzer To Identify Intermittent And Interfering Signals</i> | <b>Co-chairperson:</b>  | Jeff Whitmire | jeff.whitmire@adtran.com |          |              |           |
| <b>Date:</b>   | 13 August 2009  | <b>Treasurer:</b>       | Jim Stone     | James.A.Stone@us.ul.com  |          |              |           |
| <b>Location:</b>   | ADTRAN, 2 East Conference Center Room No. 273   | <b>Secretary:</b>       | Jack McFadden | jack.mcfadden@wyle.com   |          |              |           |
| <b>Champion:</b>   | Doug Parker   |                         |               |                          |          |              |           |
| <b>Attendees:</b>  |   |                         |               |                          |          |              |           |
| <b>IEEE Members:</b>   | <b>23</b>   | <b>Guests:</b>          | <b>26</b>     | <b>Students:</b>         | <b>0</b> | <b>Total</b> | <b>49</b> |
| <b>Minutes recorded by</b>   | D. Parker   |                         |               |                          |          |              |           |
| <b>Meeting Agenda:</b>   |   |                         |               |                          |          |              |           |
| <ol style="list-style-type: none"> <li>1. Invitation/Social/Meal/Sign-In</li> <li>2. Recognition Of Meal Sponsor</li> <li>3. Chapter Business</li> <li>4. Technical Presentation</li> <li>5. Question/Answer Session</li> <li>6. Adjourn</li> </ol>  |   |                         |               |                          |          |              |           |
| <b>Meal Sponsor :</b>  | Mr. Michael Lehmann   |                         | Intertek      |                          |          |              |           |
| <b>Technical Presenter:</b>  | Mr. Pietr Seidel  |                         | Tektronix     |                          |          |              |           |
| <b>Discussion</b>  |   |                         |               |                          |          |              |           |
| <b>Item 1;</b><br>The meeting was chaired by Doug Parker. He welcomed everyone and requested they sign-in.   |   |                         |               |                          |          |              |           |
| <b>Item 2;</b><br>The meal, <i>Sunday Pot Roast</i> , was provided by Mr. Michael Lehmann from Intertek.   |   |                         |               |                          |          |              |           |
| <b>Item 3;</b><br>Chapter business was championed by Doug Parker. The information included chapter finances, upcoming events, sponsorship and volunteer opportunities for the meetings participants.   |   |                         |               |                          |          |              |           |
| <b>Item 4;</b><br><br>Technical presentation, " <i>Using The Real Time Spectrum Analyzer To Identify Intermittent And Interfering Signals</i> "<br><br>A Real-Time Spectrum Analyzer (RTSA) can reliably detect and characterize transient RF signals, while also greatly reducing time taken to identify the source of the problem. A number of different steps can be used to identify the source of the problem number of different examples will be used to demonstrate how the unique capabilities of a RTSA can be used in a broad range applications where it is critical to identify intermittent and interfering signals. |   |                         |               |                          |          |              |           |
| <b>Item 5;</b><br>Mr. Pietr Seidel answered questions from the attendees and made himself available after the meeting to discuss questions further.  |   |                         |               |                          |          |              |           |
| <b>Item 6;</b><br>Doug Parker presented the speaker with a small token of appreciation and adjourned the meeting at approximately 8:00 pm.   |   |                         |               |                          |          |              |           |
| <b>Action Item List</b>  |   |                         |               |                          |          |              |           |
| <b>Champion Name</b>   | <b>Description</b>  | <b>Initial Due Date</b> | <b>Status</b> | <b>Close Date</b>        |          |              |           |
|  |   |                         |               |                          |          |              |           |

TBD = to be determined