

MEETING Minutes				Chapter Officers			
<b>Meeting Type:</b>	Technical Presentation			<b>Chairperson:</b>	Doug Parker	doug.parker@adtran.com	
<b>Subject:</b>	<i>Voltage Spikes On Aircraft Power Interfaces</i>			<b>Co-chairperson:</b>	Jeff Whitmire	jeff.whitmire@adtran.com	
<b>Date:</b>	19 Feb. 2009						
<b>Location:</b>	PWG Systems Conference Room			<b>Treasurer:</b>	Jim Stone	James.A.Stone@us.ul.com	
<b>Champion:</b>	Doug Parker			<b>Secretary:</b>	Jack McFadden	jack.mcfadden@wyle.com	
<b>Attendees:</b>							
<b>IEEE Members:</b>	<b>18</b>	<b>Guests:</b>	<b>23</b>	<b>Students:</b>	<b>0</b>	<b>Total</b>	<b>41</b>
<b>Minutes recorded by</b> J. McFadden							
<b>Meeting Agenda:</b>							
<ol style="list-style-type: none"> <li>1. Social/Meal/Sign-In</li> <li>2. Sponsor Remarks</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. Tom Revesz			HV Technologies		
<b>Technical Presenter:</b>		Mr. Nick Wright			HV Technologies		
<b>Discussion</b>							
<b>Item 1;</b> The meeting was chaired by Doug Parker. He welcomed everyone and requested they sign-in.							
<b>Item 2;</b> The meal sponsor was HV Technologies, Mr. Tom Revesz.							
<b>Item 3;</b> Chapter business was championed by Doug Parker. The information included chapter finances, upcoming events, sponsorship and volunteer opportunities for the meetings participates							
<b>Item 4;</b> Technical presentations, " <i>Voltage Spikes On Aircraft Power Interfaces</i> "  This presentation discussed how voltage spikes are present, to a greater or lesser degree, on all system power interfaces. Electronics fitted to aircraft need to be tested to ensure their immunity to switching transients. Many standards are in existence which propose divergent impulse and test techniques. Voltage spikes do not differentiate between civilian and military platforms but the test requirements are not always the same. The increasing use of variable frequency supplies has influenced test requirements. Current challenges include approval of the Boeing 787 and Airbus A350XWB aircraft families. This presentation includes an introduction to voltage spike testing and a clarification of the various impulses and techniques employed.							
<b>Item 5;</b> Mr. Nick Wright answered questions from the attendees and made himself available after the meeting to discuss questions in an "one on one" format.							
<b>Item 6;</b> Doug Parker adjourned the meeting at approximately 7:30 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