

MEETING Minutes				Chapter Officers			
<b>Meeting Type:</b>	Technical Presentation			<b>Chairperson:</b>	Doug Parker	doug.parker@adtran.com	
<b>Subject:</b>	How to Design to Fail FCC and CISPR in 20 Easy Steps			<b>Co-chairperson:</b>	Jeff Whitmire	jeff.whitmire@adtran.com	
<b>Date:</b>	04 Mar. 2008						
<b>Location:</b>	Mindready Systems			<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>21</b>	<b>Guests:</b>	<b>21</b>	<b>Students:</b>	<b>0</b>	<b>Total</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. Bob Wood			Coil Craft represented locally by Millennium Sales		
<b>Technical Presenter:</b>		Mr. Daryl Gerke			Kimmel Gerke Associates, Ltd		
<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> Mr Bob Wood was introduced by Doug Parker. He described Coil Craft's product lines briefly detailed their history and he emphasized their desire to be the customer's first choice.							
<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 presentation, <i>How to Design Digital Systems to FAIL FCC &amp; CISPR in 20 Easy Steps:</i> Select the Fastest Components Available, Use the fastest Clock That You Can, Use Single or Two Layer Boards, Use Care in Clock Layout (The Bigger the Loop Area – The Higher the Radiation), Be Stingy with Bypass Capacitors... Better Yet, Avoid Them Altogether, Avoid Ferrites Like the Plague, Use High Speed I/O Drivers with No Bandwidth Control, Locate Clock and I/O Lines Close Together, Avoid Cable Shields (and Twisted Wire Pairs), Use Plastic Connectors, Minimize Signal Returns in Cables, Build You Own Switching Power Supply, Avoid Power Line Filters, Use Lots of Slots... The Longer the Better, Paint Everything, Ignore Connectors, Put Wires or Other Metals Through Shield Openings, Ignore the Rules Altogether, and Never Ask for Help or Advice							
<b>Item 5;</b> One question was asked. Now that we know how to Design to Fail, can you present a lecture on how to guarantee successful compliance testing the first time? (paraphrased) Daryl Gerke's reply = No							
<b>Item 6;</b> Doug Parker 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>			
All	Brainstorm ideas to promote EMC awareness and utilize the Society's resources in a positive manner	TBD	Open				

TBD = to be determined