



Dear Colleague:

*John F. Lichtig, NCE*  
Principal



I am pleased to present you with a *new choice* in managing your Electromagnetic Compatibility (EMC) needs - **Lichtig EMC Consulting, LLC**. While we are a new company, **Lichtig EMC Consulting** is founded on a history of providing smart solutions for telecommunications services providers and equipment manufacturers.

### Capabilities

The telecommunications industry is continually faced with the emergence of new technologies, equipment, and services whose susceptibility to Electromagnetic Interference (EMI) can severely impact the integrity of the network. Regulations and standards for licensed radio services are also in a state of flux. Licensed radio services may receive interference emitted from telecommunications equipment. Additionally, licensed radio services are a source of EMI to network equipment. **Lichtig EMC Consulting** is positioned to provide you with the technical expertise necessary for you to make critical business decisions. Our capabilities include:

- GR-1089 Product Technical Analysis (test plans, witnessing, risk assessment)
- EMI Site Surveys
- EMI Shielding and Mitigation
- International Standards Analysis/Comparison to GR-1089
- Spanish/English technical translation
- Consultation and Training

Test analysis and auditing can be performed to your specific requirements, for example, to GR-1089, FCC Part 15, CISPR Publication 22, and IEC 61000-4-3.

### Expertise/Credentials

With **Lichtig EMC Consulting**, you will directly benefit from the 21 years of experience in the telecom industry of its principal, John F. Lichtig - the subject matter expert/author responsible for Section 3 (EMI) of GR-1089-CORE, *Electromagnetic Compatibility and Electrical Safety – Generic Criteria for Network Telecommunications Equipment*, Issue 2, December 1997, Revision 1, February 1999. His involvement in the standards arena has been pivotal to understanding and representing the telecommunications industry on national and international issues. Standards fora include:

- **ANSI Accredited Standards Committee C63 on EMC**
- **Former Chairman of ANSI ASC C63 S/C 3 International Standardization**
- **Former Chairman of IEC CISPR/I Working Group 3 – Methods of measurements and limits for radiation and immunity of Information Technology Equipment (Maintenance of CISPR 22 and 24)**

**Lichtig EMC Consulting, LLC**  
970 Brown Road  
Bridgewater, NJ  
08807-1259

+1 908-541-0213  
JFL@LichtigEMC.com  
www.LichtigEMC.com  
N2NPL

Lichtig EMC Consulting, LLC is a Minority Business Enterprise.



His role in many of these standards bodies will continue, thereby enabling us to maintain the representation needed by the telecommunications service providers and equipment manufacturers.

With his fully bilingual capabilities (Spanish/English), the company can provide unique value to your business. The principal's associations also extend to the National Association of Radio and Telecommunications Engineers (NARTE<sup>®</sup>) as a Certified EMC Engineer as well as Eta Kappa Nu, Tau Beta Pi, and the Institute of Electrical and Electronic Engineers (IEEE).

Your company will gain a trusted expert through [Lichtig EMC Consulting](#) for EMC issues. We will personally handle all your most technically challenging EMC problems with the attention to quality and technical completeness you have come to expect from our principal, John F. Lichtig. Please consider us when your EMC needs require the services of an experienced telecommunications expert.

We are looking forward to a mutually beneficial business relationship!

Sincerely,

John F. Lichtig, NCE  
Principal  
[Lichtig EMC Consulting, LLC](#)