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**IEEE P802.11  
Wireless LANs**

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**E-mail from IEEE C63**

**Date:** September 15, 1999

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**From:** Berger, Stephen [SMTP:Stephen.Berger@icn.siemens.com]  
**Sent:** Wednesday, September 15, 1999 15:41  
**To:** 'Manny, Ben'; Hayes, Vic (Vic)  
**Subject:** RE: EMC Help

Vic,

I would like to follow-up on Ben Manny's note.

I am the current chair of the IEEE EMC Society Standards Development Committee. We would be very interested in coordinating with you regarding a study of the interference question. It is absolutely necessary that the IEEE take the utmost care that all affected parties have the opportunity to present their evidence and arguments before the IEEE or any of its entities takes official action. The IEEE must be able to demonstrate that it took every effort to afford all materially affected parties the opportunity to present their case in a fair proceeding.

In this case it is clear that there are important commercial considerations involved and that companies involved in high data rate Frequency Hopping Spread Spectrum and those using Direct Sequence Spread Spectrum are generally on opposite sides of this issue. Clearly the IEEE must allow both sides to present their evidence in a forum which is balanced and neutral. I believe that the EMC Society Standards Committee is the correct body to deal with this issue. The EMC Society has good representation from all sides of the issue and additionally has a large cadre of technical experts in interference issues who do not have a commercial interest in the current question.

I would suggest that we talk directly about arranging a review of the issues under discussion. It would be preferable that the current letter on file with the FCC be withdrawn until after a final determination is made. However, it is imperative that no further statements be made to the FCC until the IEEE has completed its deliberations on these issues.

I will look forward to working with you in this matter. Please call me at your convenience.

Best Regards,

Stephen Berger  
512-990-6147

512-657-6147 (mobile)

-----Original Message-----

From: Manny, Ben [mailto:ben.manny@intel.com]  
Sent: Wednesday, September 15, 1999 2:40 AM  
To: Steve Berger (E-mail); Vic Hays (E-mail)  
Subject: EMC Help

Steve,

Per your phone call, I suggested to Vic that the IEEE EMC group would be interested in assessing the interference impacts of the proposed FCC Wideband FH NPRM. This study would be based on the NPRM, the papers presented to the 802.11 committee and the comments filed with the FCC. Vic gave me his card, and requested I send you email so that both of you could discuss this further. Vic works for Lucent and is based in the Netherlands. His phone number is +31 (0) 30 609 7528. Vic is aware I will be working with a Stu Kerry, a voting member, to present a motion to the 802.11 group requesting this study and summary report, which I will be doing on Wednesday, 9/15. He asked my why you called and I mentioned that you had seen the FCC letter since you help Siemens track FCC activity and were a little surprised that the EMC group did not have a change to participate in this study since interference/compatibility is what the EMC deals with. I also mention you called me because Siemens is a member of the HomeRF working group and were aware of this proposed rule change.

Vic,

Steve is with Siemens and is based in Austin Texas. His phone number is 512 657 6147.

- Ben

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