



**INTERNATIONAL  
COMMITTEE *on*  
ELECTROMAGNETIC  
SAFETY**

**IEEE ICES SC2  
Approved Meeting Minutes  
Plantation, FL  
2 December 2008**

Meeting called to order by Chairman Ric Tell

Introduction of those present

Agenda – Proposed agenda, Bob Weller is not able to report on FCC activities.  
Agenda approved as modified.

Minutes of previous meeting (12/x/2007), Dallas, TX, approved as presented  
(M/S/C, Jules Cohen, Jim Hatfield)

Old Business:

Action items –  
Art Varanelli – no report  
RFSP Guide – discussion of status and possible structure, what  
examples?

Jim Hatfield – has compiled a summary of several broadcast  
investigations, primarily VOA. Ric will circulate.

Jon Klauenberg – Glossary, NATO has just completed their applicable  
glossary. Ron Petersen has a summary of ICES terms.

C-K. Chou – presentation from PIERS meeting, Metallic Implants and MRI  
Exposures

Discussion on SAR and medical implants

Ed Mantiply – presentation on FCC RF Safety Policies prepared for upcoming  
GLORE meeting. Discussed differentiation between terms, Categorical Exclusion  
and Exemption.

Discussion of FCC process regarding RF safety and licensees.

Chairman Ric Tell discussed an RF safety program application. The facility had  
a 15 GHz source, surrounded by a fence limiting access to the general public.  
The source is controlled such that the exposure outside and inside the fence  
cannot exceed the MPE. A careful parsing of the C95.1 exposure requirement  
text could indicate that the objective for an Action Level is to assure that  
members of the uncontrolled population not be exposed to field intensities  
greater than the MPE.



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After extensive discussion, it was decided to submit this question to the IEEE for an interpretation.

John Brewer, USAF, had submitted a query to Chairman Ric Tell regarding the rule-of-thumb calculation of  $4P/A$  as an estimate of near field power density levels (see attached). He pointed out some seeming contradictions on the available guidance documentation.

There was a discussion among the committee members. John DeFrank, US Army CHPPM, commented that the formula is valid if the A (area) term is the 'effective' area. No further conclusions were reached.

There being no further items on the agenda, the meeting was adjourned.

Submitted by

Dave Baron  
Secretary, SC2