



IEC 62209:

Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices human models, instrumentation, and procedures

December 2013 Status Update

IEC MT1- 62209

- IEC TC 106 MT1 face-to-face meeting in Ottawa
September – October 2013

IEC MT1- 62209 Part 1 and Part 2 status

- A revised committee draft for vote (CDV) to be circulated in February 2014
- Unification of parts 1 and 2 – January 2014
- “Quick Start” guide
- Hand effect issue resolution

Hand Effect

- MT1 could not reach consensus on how to proceed in addressing so called hand effect on head SAR when assessing the EMF exposure of mobile phones. The NCs were asked to decide between:
 - **A) Continue with the current test protocol and add a clause/annex on the hand effect.**
 - **B) Revise the test protocol by including a modified device holder/hand phantom.**
- The result displays a majority for option A) by a vote of 15 to 8.
- National Committee of Canada abstained because couldn't reach consensus.

Hand Effect Annex (Informative)

- All submitted contributions are reviewed and analyzed by the MT1 members.
- Based on the comments of national committees, the clause draft basically states that MT1 will continue to review and analyse contributions related to the hand effect on head SAR.
- The further studies should not hold up the current revision of the standard.
- The Annex draft was presented to MT1 on 3rd of December and will be discussed in January 2014 at the next face-to-face meeting.

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Research Groups

- LTE ad-hoc group
 - Investigations the SAR test reductions depending on the power levels
 - Pre-SAR testing procedures based on the FCC KDB 941225
 - Test reduction procedures for LTE device testing should be included into the CDV

- Tissue Liquids study
 - Numerical simulation phase

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Research Groups

- Proximity Sensors ad-hoc group
 - Focus on tablet devices (not handsets yet)
 - Additional uncertainty term would be required
 - Next step - to finalise the proposed text and circulate it to the MT1
 - The clause should be included into the CDV

IEC MT1- 62209 face-to-face meetings 2014

- January 2014 – California, USA
 - Finalizing Part 1 CDV for circulation
- May 2014 – Tokyo, Japan
 - Unification Parts 1 and 2