

Compliance Assessment Standards Update

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IEEE Standards update

- **IEEE 1528 (Part I, Experimental Techniques)**

“Draft Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”

- The discussions on the comments received a year ago is planed to be finalize during the next f2f meeting on 18th of April.

IEEE Standards update...

- **IEEE 1528 (Part II, Computational Techniques, dual logo stds)**
P1528.1, P1528.2, P1528.3, P1528.4
 - **P1528.1, IEC/IEEE 62704-1**
 - Technically finished, but not sent for voting yet!
 - **P1528.2, IEC/IEEE 62704-2**
 - Technically finished, but not sent for voting yet!
 - **P1528.3, IEC/IEEE 62704-3;**
 - No significant progress from April 2011.
 - **P1528.4, IEC/IEEE 62704-4;**
 - New project proposal is submitted and passed the voting.

IEC standards update

- IEC 62209-1

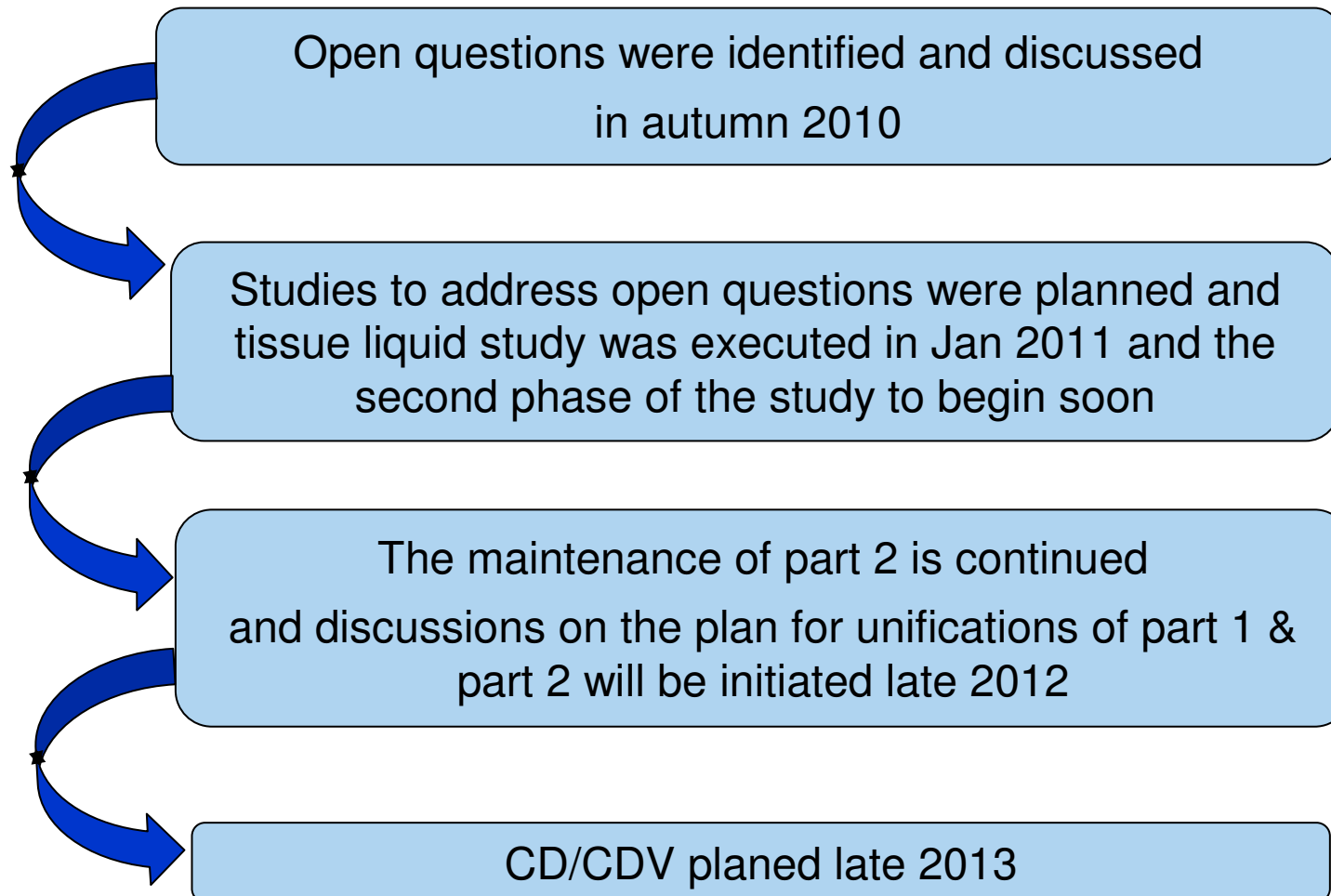
- The CDV was sent for voting in April 2011 and the voting ended on 20 Jan 2012.



- All comments to be addressed by IEC TC 106 MT1. Decision on further steps to be taken by IEC TC 106.
- The CDV was rejected by small Margin!
- The main issue under discussion is still the influence of the hand on head SAR.
 - The two major studies, measurement & computational;
 - Measurement study is completed.
 - Based on the present preliminary measurement results ~10-12% of cases show SAR increase within about 2 standard deviations of the results.
 - The SAR for those phones are less than 0.6 W/kg.
 - Further frequencies were measured.
 - Computational study to be completed soon!

IEC standards update...

- Maintenance of IEC62209-2 and unification with part 1:



IEC standards update...

- **IEC 62232 base station std. (Mike Wood to update)**

IEC standards update...

- IEC 62209-2:
 - Main ongoing work is tissue liquid study.
 - The first part of the tissue liquid study is completed. The final report on tissue liquid study was provided on Oct 2011.
 - The harmonization with the latest changes of IEC 62209-1 is in progress. And working on the comments received from different national committees are in progress.
- Upcoming IEC MT1 meetings:
 - 16-17 April 2012, Germany
 - Sep 2012, Turin-Italy
 - Dec 2012, Florida-USA



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CENELEC TC106x update

- TC 106x asked WG1 to reopen **EN 50492** taking into account LTE (4th generation mobile) and to amend EN 50492 where necessary.

“Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations”

- **prEN 50566** was sent for voting in Aug 2011. Voting ended on 03.02.2012. The result of the voting was the rejection of the draft proposed std.



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“Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices (30 MHz - 6 GHz)”

CENELEC TC106x update

- **prEN 50360** was sent for voting in Aug 2011. Voting ended on 06.01.2012. The result of the voting was to except and publish the proposed std.



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- “ Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)”
- The “Institute for Standardization of Bosnia and Herzegovina” (BAS), is now a CENELEC Affiliate and will participate in CENELEC/TCs as observer.

CENELEC TC106x update

- BT decided that the TC/WG & SC/WG Convenors shall be appointed for a period of maximum 6 years, with possible successive extensions of 3 years.
- BT agreed by majority that the duration of the Unique Acceptance Procedure (UAP) for the adoption of amendments can be shortened to 3 months on the condition that the responsible technical body has taken a Decision/Resolution asking explicitly for the application of a shortened UAP of 3 months.
- The European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) have both decided to grant full membership status to the Turkish Standards Institution (TSE). This change took effect on 1 January 2012, and represents an important step towards the full participation of Turkey in the European Single Market.

Thank you!