

Agenda

23rd Meeting of the CCEM Working Group on Radiofrequency Quantities (GT-RF)

Tuesday, 10 March, 2015, 14:00 – 18:00
at the
BIPM, Sèvres, France

1. Preliminaries
 - 1.1 Introductions
 - 1.2 Rapporteur
 - 1.3 Agenda
2. Chairman's report on developments since the last official meeting (March, 2013).
Minutes of last meeting approved, on CCEM website (in CCEM minutes).
Completed comparisons:
 - CCEM.RF-K24.F (Field strength, 1 – 18 GHz, NPL)
 - CCEM.RF-K25.W (Power, 26.5 – 50 GHz, PTB)
3. Reports on current GT-RF Key Comparisons (KCs)
 - CCEM.RF-K5.c.CL (S-parameters, 3.5 mm, NMIJ)
 - CCEM.RF-K22.W (Noise, 18 – 26.5 GHz, LNE)
 - CCEM.RF-K23.F (Antenna Gain, 12 – 18 GHz, NIST)
 - CCEM.RF-K26 (Attenuation, 2.4 mm, up to 40 GHz and 90 dB, NMIJ)

 - APMP.EM.RF-K8.CL (Power, Type-N, 10 MHz – 18 GHz, NMIJ)
 - SIM.EM.RF-K5b.CL (S-parameter, Type-N, 2 – 18 GHz, INTI)

 - Pilot Study on Material Properties (NMIJ)
4. New comparisons.
 - Antenna comparison (Tilt angle, axial ratio, NPL)
 - Antenna gain at 19 GHz (K-Band, NIST)
 - NPL: power, noise or field strength
5. CMCs
 - S-parameter representation Re/Im vs Mag/Phase (M. Zeier, METAS)
6. Presentation:
 - Waveform Metrology (Paul Hale, NIST)
7. Other Business
 - Revision of EURAMET VNA guide cg-12 (M. Zeier, METAS)
8. New policy on working documents
9. Date of the next meeting.