Agenda

24th Meeting of the CCEM Working Group on Radiofrequency Quantities (GT-RF)

Tuesday, 21 March, 2017, 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, 2015). Minutes of last meeting approved, on CCEM website (in CCEM minutes). Completed comparisons:
   - CCEM.RF-K22.W (Noise, 18 – 26.5 GHz, LNE)
   - CCEM.RF-K23.F (Antenna Gain, 12 – 18 GHz, NIST)
   - SIM.EM.RF-K5b.CL (S-parameter, Type-N, 2 – 18 GHz, INTI)

3. Reports on current Comparisons
   - CCEM.RF-K5.c.CL (S-parameters, 3.5 mm, NMIJ)
   - 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)
   - Pilot Study on Material Properties (NMIJ)

4. Proposals for new comparisons.
   - Power in WR15, 50 – 75 GHz (NIM)
   - S-parameter in WR05 140 – 220 GHz (NPL)
   - Noise wg: >33 GHz, WR-22, WR-15, WR-10 (NPL)
   - Antenna gain with secondary parameters (Tilt angle, axial ratio) (NPL)
   - Antenna gain at 19 GHz (K-Band), (NIST)
   - other?

5. KCDB and CMCs
   - KCDB 2.0: Update and status (S. Picard, BIPM)
   - S-parameter CMCs: Suggestions for harmonization (M. Zeier, METAS)

6. Other Business
   - Update on revision of EURAMET VNA guide cg-12 (M. Zeier, METAS)

7. Date of the next meeting.