

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.