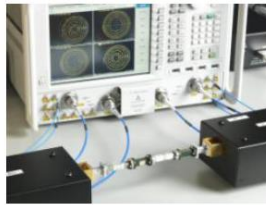


EMRP

European Metrology Research Programme
► Programme of EURAMET

The EMRP is jointly funded by the EMRP participating countries within EURAMET and the European Union



HF-Circuits

Fifth European ANAMET Seminar Special Session on "VNA Uncertainty"

Friday 11th December 2015 at 09:00 am (CET)

Venue: Laboratoire national de métrologie et d'essais LNE, 1 rue Gaston Boissier, 75724 Paris, France

Agenda (Draft)		
09:00-09:30	Coffee and registration	
09:30-09:40	Welcome	Djamel Allal, LNE, France
09:40-10:10	European Research Project 'HF-Circuits': Metrology for New Electrical Measurement Quantities in High-Frequency Circuits - Overview and Update of Activities	Nick Ridler, NPL, UK
10:10-12:20	Morning Session: "VNA Uncertainty"	
10:10-10:40	Evaluation of calibration uncertainties of a two-port Vector Network Analyzer	Faisal Mubarak, VSL, The Netherlands
10:40-11:10	S-Parameter Multiport Uncertainty: From the theory to a useful tool	Andrea Ferrero, Keysight Technologies
11:10-11:40	Coffee break	
11:40-12:20	Stability of electronic calibration units on timescales of months and years Software comparison of uncertainty libraries Verification artefacts for high dynamic range devices	Karsten Kuhlmann, Rolf Judaschke, PTB, Germany
12:20-13:30	Lunch	
13:30-16:30	Afternoon session	
13:30-13:50	Uncertainty calculation of balanced standards up to 30 GHz	François Ziadé, LNE, France
13:50-14:30	IEEE 1785- Part 2: 'Interfaces for Waveguides used above 110 GHz'. A Pre-publication Preview	Nick Ridler, NPL, UK
14:30-15:00	A Measurement Comparison up to 65 GHz in 1.85 mm Coaxial Line	Chris Eio, NPL, UK
15:00-15:30	Coffee break	
15:30-16:00	1mm Offset Short Calibration	Johannes Hoffmann, METAS, Switzerland
16:00-16:30	Comparison of two VNAs in the 1 mm coaxial line up to 110 GHz	Djamel Allal, LNE, France