

EMF Seminar

Practical measurements with SRM 3000/3006

Target group

Beginners, advanced users and professionals in the field of selective electromagnetic field measurement; theoreticians and practitioners; also ideal for users and those interested in well-founded application guidance for the SRM-3000/3006.

Aim

Expanding and consolidating theoretical knowledge in the field of radio signal measurements and increasing practical experience by means of versatile, everyday measurement tutorials.

Dates in 2012

Monday 23rd / Tuesday 24th April 2012 in Pfullingen
Monday 22nd / Tuesday 23rd October 2012 in Pfullingen

Course contents

Day 1:

Fundamentals of field strength measurement

Relevant standards and recommendations; frequency-selective and broadband measurements compared; spatial and time-domain variations in field strength and the resulting consequences for measurements; extrapolating for maximum system load; comparison of "pendulum" and "point grid" methods; effects due to the equipment operator; correct measurement bandwidth; RMS and peak detection; strategies for detection of safety distances.

Introduction to SRM-3000/3006 and its measurement features

Frequency-selective measurement, channel power, safety evaluation, code-selective measurement of WCDMA signals (UMTS) and timed exposure measurements with level recorder and scope mode; introduction to the SRM-Tools and SRM-TS software packages.

Initial measurement practice with the SRM

Day 2:

Application measurements – theory and practice

Theoretical introduction to frequencies and signal structures of various wireless services and the associated features of recording and standards-compliant evaluation including any necessary extrapolation for maximum system load; practical exercises in measuring major wireless services (e.g. AM and FM radio, digital radio (DAB) and TV (DVB-T), GSM (incl. TETRA), UMTS, LTE, DECT telephone systems, WiFi, impulse radar signals).

Lecturer

Prof. Dr.-Ing. Matthias Wuschek
Deggendorf University of Applied Sciences

Fee

€ 895.00 for both days, plus VAT where applicable

Individual days can also be booked (fee € 495.00 per day, plus VAT where applicable)



Use the form overleaf to register!

Registration for EMF Seminar

Fax: +49 7121 9732-790

Tel.: +49 7121 9732-777

- Monday 23rd / Tuesday 24th April 2012 in Pfullingen / Germany
- Monday 22nd / Tuesday 23rd October 2012 in Pfullingen / Germany

Participant's Surname, Forename(s) _____

Position / Department _____

Telephone / Fax _____

E-mail (for confirmation of receipt) _____

Company name _____

Address / PO box _____

City / ZIP or postcode _____

Date / Signature _____

Send confirmation to
(only if different to participant) _____

Send invoice to
(only if different to participant) _____

SRM-3000 / 3006 available yes no

General information:

The number of participants is strictly limited; applications must be submitted no later than 4 weeks before the seminar date. Fees include lunch, drinks, and refreshments and the seminar documentation. You will receive a short confirmation e-mail message when we have received and registered your application. We will then mail you confirmation of registration and the invoice, as well as the address of the course location and directions on how to get there. We offer 10% discount per person for three or more participants from the same company. You may cancel your application without charge up to 4 weeks prior to the start of the seminar. 50% of the course fee will be charged if you cancel after this date. The full cost will be charged for no shows or cancellations made less than 3 days before the seminar. Cancellations must be made in writing. You can transfer your place to another person. Fees do not include any applicable taxes.

Special information about day 2 (practical measurements):

The number of participants is limited to 15. Applications to attend both days of the seminar will be given preference. You will get the most out of this seminar if you already have initial practical experience in using the SRM-3000/3006 and bring your own SRM-3000/3006 with you.