

RADIO MEASUREMENTS

DURATION: 3 DAYS



AUDIENCE:

This training course is intended for technical personnel specialising in radiocommunications who wish to increase their knowledge about measurement methods for transmitter and receiver radio equipment.

PREREQUISITES:

Training accessible to anyone who understands the basics of radiocommunications.

OBJECTIVES:

Know the applicable standards.
Understand the measurement methods, identify sources of measurement errors.
Master measuring devices, analyse results.

ADDITIONAL TRAINING(S):

Cohabitation de Systèmes radio.

1ST MODULE: CHARACTERISTIC PARAMETERS OF A TRANSMITTER AND OF A RECEIVER

- Definition of parameters of a transmitter
- Definition of parameters of a receiver

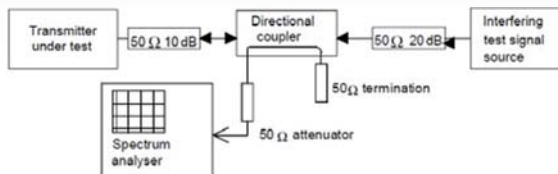


2ND MODULE: APPLICABLE STANDARDS AND PARAMETERS TO BE MEASURED

- A3E: EN300 676 standard for VHF, EN302 617 standard for UHF
- G3E: Standard EN301 929
- VDL2: Standard EN301 841

3RD MODULE: MEASURING DEVICES

- Class, Precision of a measuring device
- Functions: LF and HF generators, frequency meter, audio analyser, oscilloscope, spectrum analyser, specific equipment, etc.
- Built-in devices, separate devices



4TH MODULE: MEASUREMENT METHODS

- Methods for measurement of parameters of a transmitter
- Methods for measurement of parameters of a receiver

5TH MODULE: APPLICATION

- Measurements of a transmitter
- Measurements of a receiver



DOCUMENTATION

Each participant will be provided with hard copies of the course materials during training.

MAXIMUM NUMBER OF TRAINEES

8 people

INFORMATION

- Contact: Jean-François Iriart
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- Tel: +33 (0)5 59 58 55 00
- Sheet available on the website: www.telerad.fr

REGISTRATION

Using the attached form

DATES

On demand

LOCATION

TELERAD