

HOMER Autotuner Training Course

Day 1

09:00 – 11:00 Theoretical introduction:

- Waves, scattering parameters and derived quantities.
- Scattering parameters measurement.

Power Transmission Theory and Calculator.

11:00 – 13:00 Homer Analyzer, Homer Autotuner: Principle of operation.

Matchable area.

Signal waveforms and modes of sampling.

Communicating with Homer via RS232 and CAN Bus. DeviceNet. LabVIEW.

Stub swapping. Hysteresis.

Power limitations.

14:00 – 18:00 Controlling Homer for autonomous operation. Hom.cfg and Tun.cfg configuration files. Running status, Sending status.

HomSoft Windows Control and Visualization Software:

- Help step by step
- Menus step by step
- Run, Stop Monitoring, Stop Homer
- Saving data
- Data logging
- CW, Rectified and Pulsed modes of sampling
- Mode Stirrer case
- Modifying Hom.cfg and Tun.cfg
- SW upgrades

Homer simulation program **HoSim**. Customizing Homer.

Homer problems reporting.

Overview of available literature.

Day 2

09:00 – 13:00 Practical training.

14:00 – 18:00 Practical training continued.

Discussion, solving of user problems and questions, any other business.

The cost of the two-day course is EUR 920.00 total for 1 to 3 persons. The price is without VAT and without additional expenses, like travelling, accomodation, diets, etc.

The contents and duration of the course can be modified according to attendants' needs.

The course completion is confirmed by a certificate.