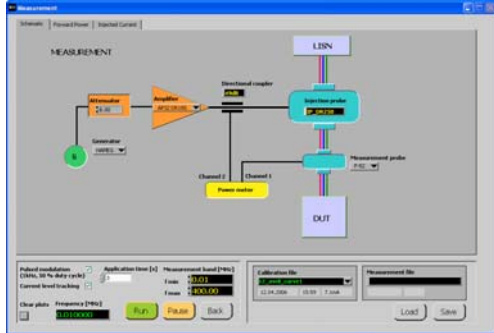




# CS114 Test Installation



This test system is designed to comply with the requirements of the MIL-STD-461 CS114 (conducted susceptibility bulk cable injection system). The test method CS114 is used to verify the ability of the EUT to withstand RF signals present on interconnecting cables.

The complete test installation consists of a:

- signal generator,
- power amplifier,
- current injection probe,
- current measurement probe,
- calibration set-up,
- power measurement devices,
- coaxial load, attenuator and accessories,
- and a computer that allows the control and regulation of the measurement.

The calibration and measurement datas can be saved and recalled for any later use. The test installation is available with a power sensor or with a spectrum analyser that allows a higher dynamic. The software is easy to use and provides guidance during the calibration and the measurements.

The CS114 system can be ordered with additional accessories used for EUTs intended to be installed on ships or submarines (common mode limit of 77 dB $\mu$ A from 4 kHz to 1 MHz).

## **SPECIFICATIONS**

<b>Standard</b>	MIL-STD-461 D / E / F CS114
<b>Frequency range</b>	(4) 10 kHz to 200 (or 400) MHz
<b>Power of the amplifier</b>	115 W
<b>Current injected</b>	up to 110 dB $\mu$ A (calibration)
<b>Precision of the injection</b>	0 – 1.2 dB