**N9000A**

**Short description:** N9000A CXA Signal Analyzer

**Functionality**
* 9 kHz to 3.0 or 7.5 GHz
* Standards-based PowerSuite: channel power, OBW, ACP, CCDF, SEM, TOI, Harmonics
* Basic EMI precompliance measurement capability available, including CISPR 16-1-1 bandwidths, detectors, amplitude correction factor, band preset, tune & listen at marker, and limit lines

**Performance**
* ±0.5 dB absolute amplitude accuracy
* +13 dBm third order intercept (TOI)
* -145 dBm displayed average noise level (DANL)
* -66 dB W-CDMA ACLR dynamic range (with noise correction on)

**Measurement Application & Software**
* Analog demodulation, noise figure, EMC, W-CDMA, TD-SCDMA, Bluetooth®, digital video and more. View full list of measurement applications
* Advanced analysis of up to 70 signal formats, software runs inside the CXA. 89600 VSA software
* MATLAB® data analysis software for general purpose data analysis, visualization, and measurement automation. MATLAB Software for X-Series

**Automation & Communication Interface**
* LXI class C compliant, SCPI, and IVI-COM
* USB 2.0, 100Base-T LAN, GPIB
* Programming remote language compatibility with ESA and other X-Series
* Common X-Series user interface / Open Windows® XP operating system

**Localisation:** Boltzman - magnetism room

**Personne(s) ressource(s):** Pascal Simon,

**Site Web:** [www.uclouvain.be/welcome](http://www.uclouvain.be/welcome)
**Contact:** [info-welcome@uclouvain.be](mailto:info-welcome@uclouvain.be)