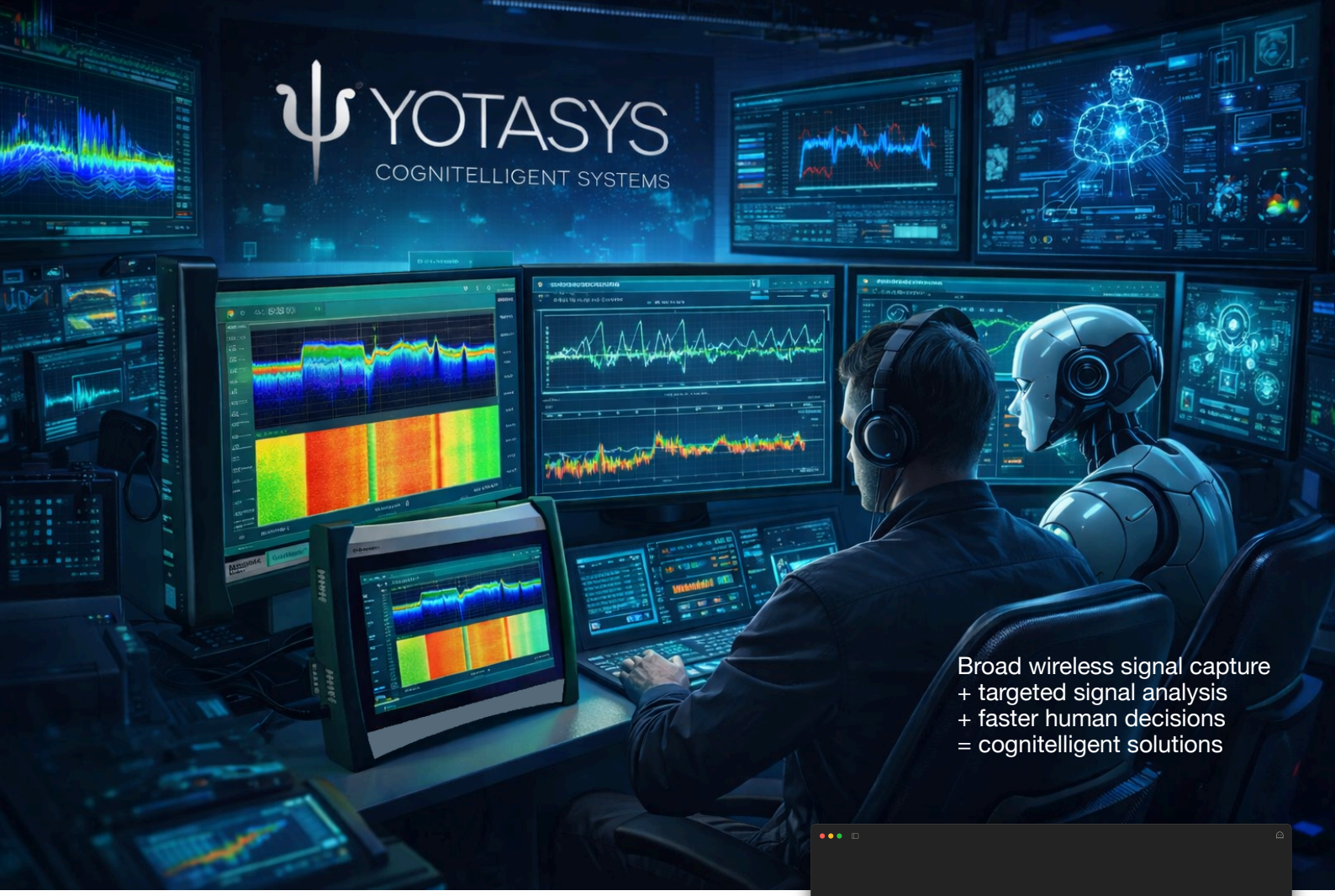
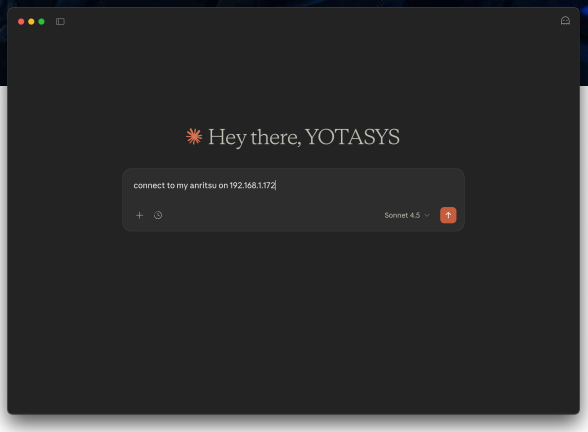




Product Leaflet V1.1E

Y9225A Agentic Site Master

Welcome to the next evolution in RF test and measurement: the Y9225A Agentic Server represents a paradigm shift in how engineers interact with Anritsu MS2085A and MS2089A Site Master instruments. Combining spectrum analysis (SA), cable & antenna analysis (CAA), and vector network analysis (VNA) in a single AI-driven interface, the Y9225A automates application switching, calibration, and data acquisition. Rather than navigating menus or configuring parameters, you simply describe what you want to measure in natural language - easy to use, comprehensive and time saving.

Key Topics

- Configuring SA, CAA, and VNA measurements for optimal conditions
- Performing OSL and OSLT calibration sequences guided by AI
- Interpreting results and providing insights
- Adapting measurement strategies based on initial findings
- Exporting traces, Smith charts, and Touchstone .s1p files

Sample commands at the prompt

- “Measure the return loss of this antenna from 700 MHz to 3.5 GHz and tell me where the best match is"
- “Run a DTF measurement on the 30-metre LMR-400 cable and find any fault closer than 40 metres"
- “Calibrate the CAA port with OSL standards, then measure VSWR and cable loss"
- “Find the strongest signal in the 2.4 GHz band and tell me its frequency and power level"
- “Measure S11 from 10 MHz to 6 GHz with 1 kHz IFBW and plot a Smith chart"
- “Run OSLT calibration, measure S21 of the bandpass filter, and export as Touchstone S1P"

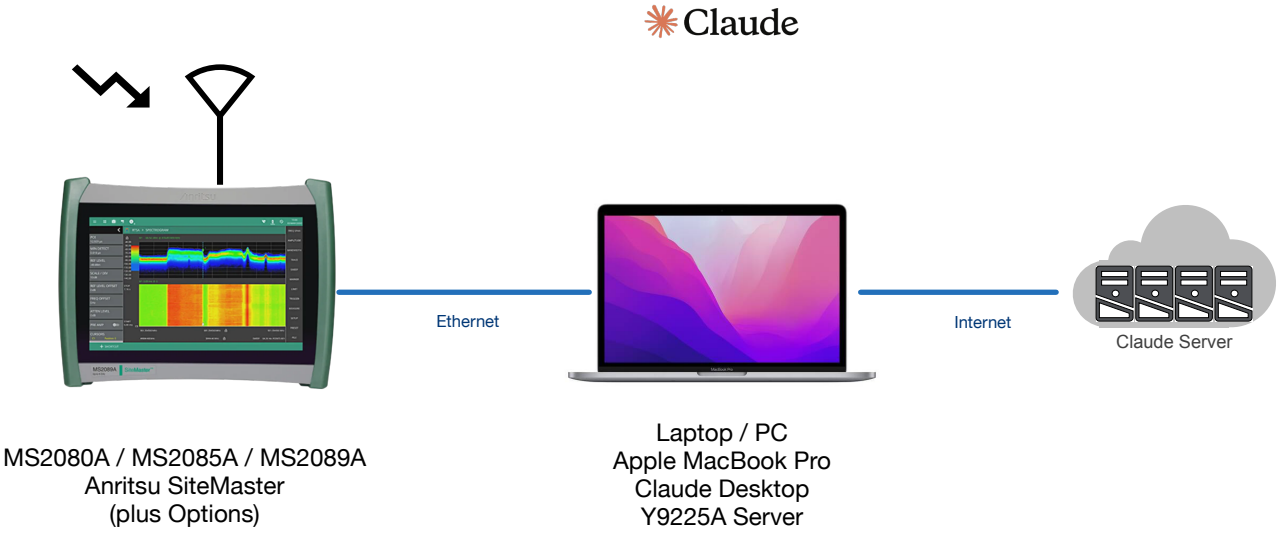
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General setup

The Y9225A is an MCP Server for Claude. It uses SCPI commands over TCP/IP (port 9001) to control Anritsu MS2085A and MS2089A Site Master instruments. The Y9225A manages three measurement applications - SA, CAA, and VNA - from a single conversational interface, providing 86 MCP tools for spectrum analysis, cable & antenna testing, DTF, calibration, S-parameters, Smith charts, and Touchstone export.

Minimal setup

The Y9225A requires the following easy installations:



MS2080A / MS2085A / MS2089A
Anritsu SiteMaster
(plus Options)

Laptop / PC
Apple MacBook Pro
Claude Desktop
Y9225A Server

- PC or Laptop with Windows 11 or Apple MacBook with MacOS 14.x (or higher)
- Installation of Claude Desktop (see www.claude.com/download) with PRO version recommended
- Installation of Y9225A Agentic Site Master Server and License file (based on SN of instrument)
- Modification of Claude Desktop configuration (see claude_desktop_config.json)

More information such as User Manual and Prompt Library will be provided upon purchase of license.

Information and contact

For more information and the newest data sheet releases go to our website or contact us via email. Please ask us for trial license or quotation.

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Disclaimer

The use of Y9225A software requires the acceptance of the YOTASYS EULA Y9225A software agreement.

The specifications and instructions for our customers in this document reflect the product engineering level at the time of manufacturing. Please consider the valid data sheet release at a time. For questions please contact the YOTASYS customer service. YOTASYS AG accepts no liability for damages resulting from unprofessional installation or application or misuse for a purpose. This disclaimer also includes damages to third parties. It is the customer‘s responsibility to check the delivered products and immediately notify YOTASYS AG of detected faults. It is also the customer‘s responsibility to test the delivered product on its applicability for the intended purpose. YOTASYS AG will accept no liability or responsibility for their products if a product or a YOTASYS system is combined or used together with third-party products, i.e. products from other companies than YOTASYS AG. Jurisdiction in all legal disputes concerning product liability has the courts of the canton of Bern/Switzerland. Swiss law applies.

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