

Broad wireless signal capture  
+ targeted signal analysis  
+ faster human decisions  
= cognitelligent solutions

Product Leaflet V1.1E

## Y9220A Agentic Spectrum Analyzer Server

Welcome to the next evolution in RF test and measurement: the Y9220A Agentic Server represents a paradigm shift in how engineers interact with spectrum analyzers such as the Anritsu MS2090A or MS2080A series, bringing the power of artificial intelligence directly to your measurement workflows. Agentic control represents a revolutionary approach to test equipment operation: rather than manually navigating menus, configuring parameters, and interpreting results, you simply describe what you want to measure in natural language - easy to use, comprehensive and time saving.

### Key Topics

- Configuring your analyzer for optimal measurement conditions
- Executing complex measurement sequences
- Interpreting results and providing insights
- Adapting measurement strategies based on initial findings
- Generating comprehensive reports and documentation

### Sample commands at the prompt

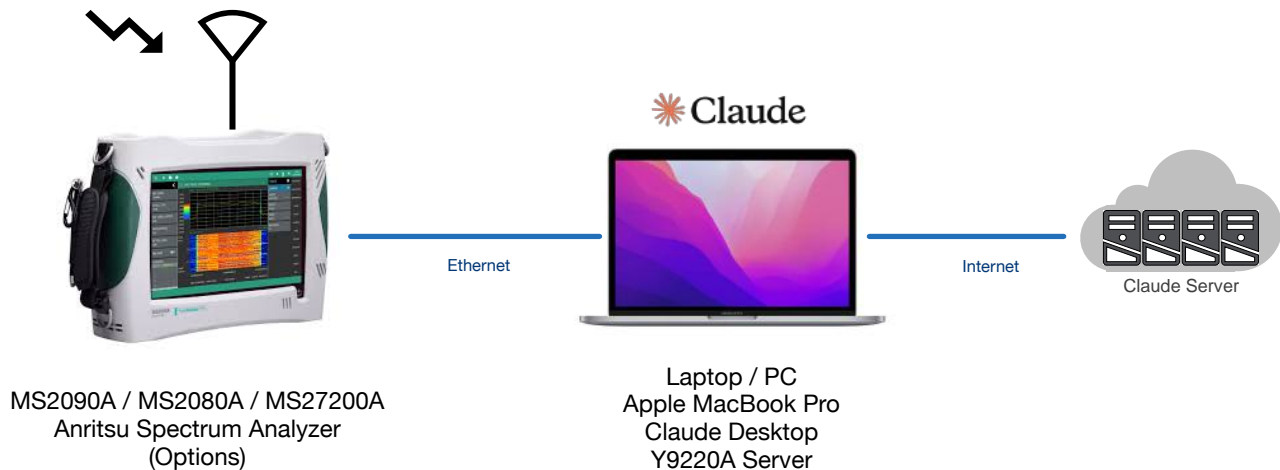
- "Find the strongest WiFi signal in the 2.4 GHz band and tell me its channel number and power level"
- "Measure the occupied bandwidth of the LTE signal at 2140 MHz and check if it meets 3GPP specifications"
- "Scan all WiFi channels and create a table showing which ones have the least interference"
- "Monitor the LTE bands around 1850 MHz continuously. Alert me if signal drops below -80 dBm"
- "Scan the FM radio band (88-108 MHz) of Switzerland and find all the stations"
- "I'm getting interference on my 2.4 GHz network. Help me find the source frequency and power level"



## General setup

The Y9220A is basically an MCP Server for Claude. It uses numerous SCPI commands for the control and data exchange of the Anritsu MS2090A and MS2080A or MS27200A series for communication. Options can be used for the Anritsu instruments, but are not mandatory. The Y9220A also work

## Minimal setup



The Y9220A requires the following easy installations:

- PC or Laptop with Windows 11 or Apple MacBook with MacOS 14.x (or higher)
- Installation of Claude Desktop (see [www.claude.com/download](http://www.claude.com/download)) with PRO version recommended
- Installation of Y9220A Agentic Spectrum Analyzer 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 Y9220A software requires the acceptance of the YOTASYS EULA Y9220A 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.