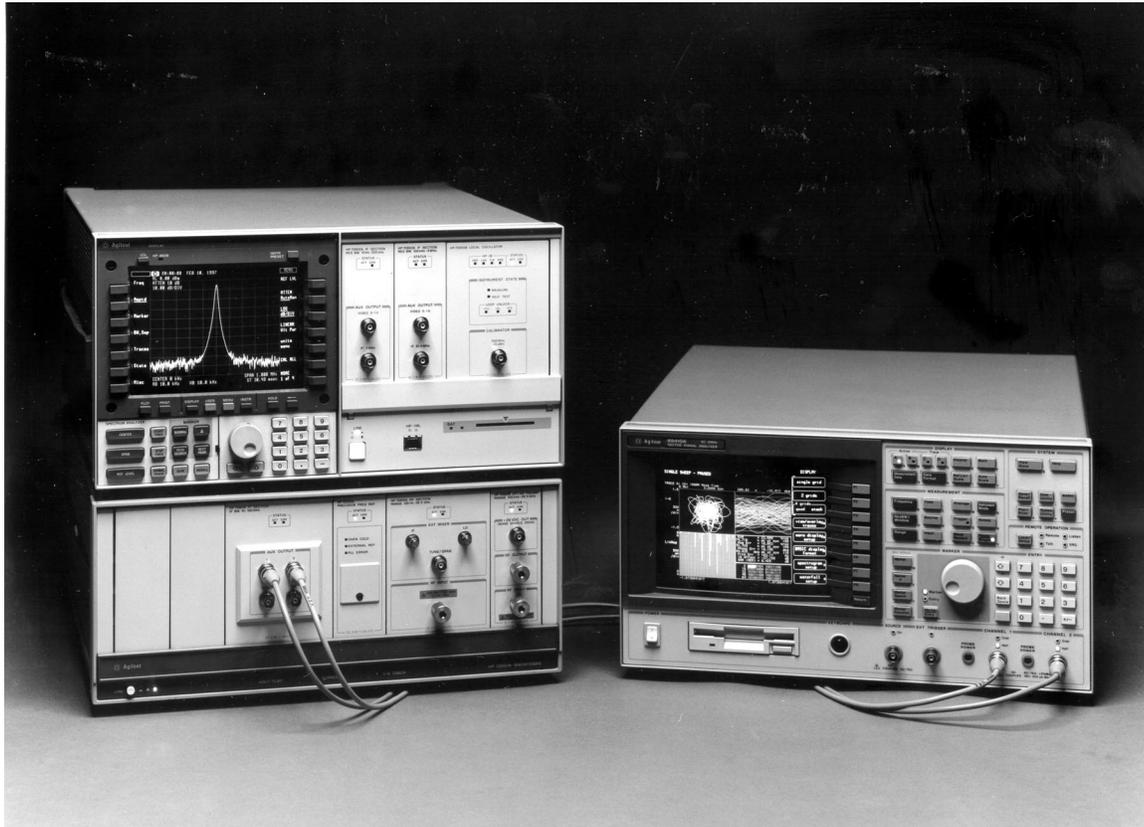


# Agilent 71910A/P Wideband Receiver Agilent 89410A Vector Signal Analyzer Next Generation Communications Satellite Test Instrumentation

Product Note



**Agilent Technologies**  
Innovating the HP Way

## Measure complex signals in digital communications satellite test with wideband spectrum analysis and modulation analysis tools

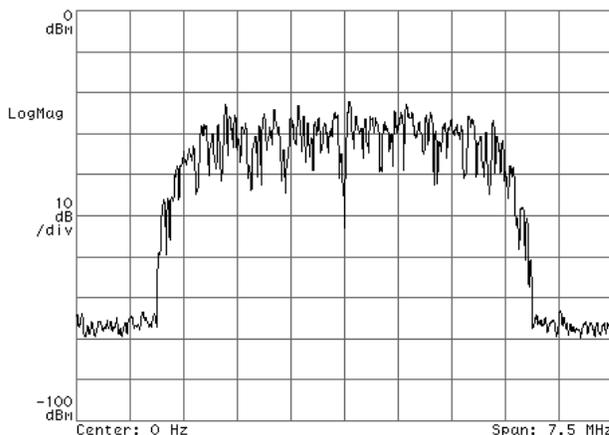
- 110 GHz frequency range
- 20 MHz bandwidth
- High dynamic range
- High sensitivity
- Spectrum analysis
- Modulation analysis

The Agilent Technologies 71910A/P wideband receiver and 89410A vector signal analyzer working together provide satellite measurement capability including high performance spectrum analysis and digital modulation analysis with full 20 MHz of useable information bandwidth and frequency coverage of all satellite bands to 110 GHz. Fully integrated test systems including test software and signal switching are also available.

### Applications

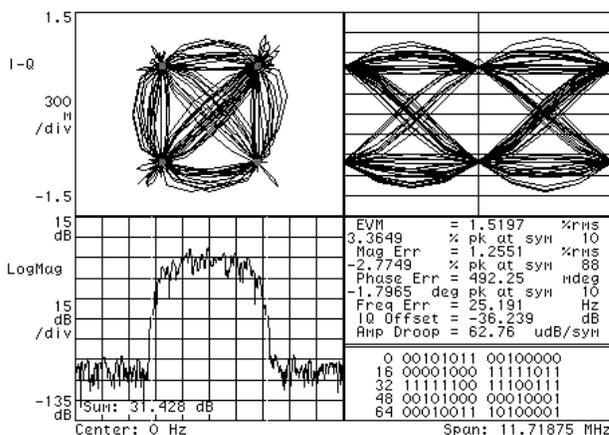
- Payload manufacturing test
- Component and subsystem test
- R&D on next generation payloads
- Quantitative modulation analysis including error vector magnitude

TRACE A: Ch1+jCh2 Spectrum



### Wideband digital modulation analysis

TRACE B: Ch1+jCh2 QPSK Meas Spec



### Complex modulation analysis including EVM

By internet, phone, or fax, get assistance with all your test and measurement needs.

#### Online Assistance

[www.agilent.com/find/assist](http://www.agilent.com/find/assist)

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