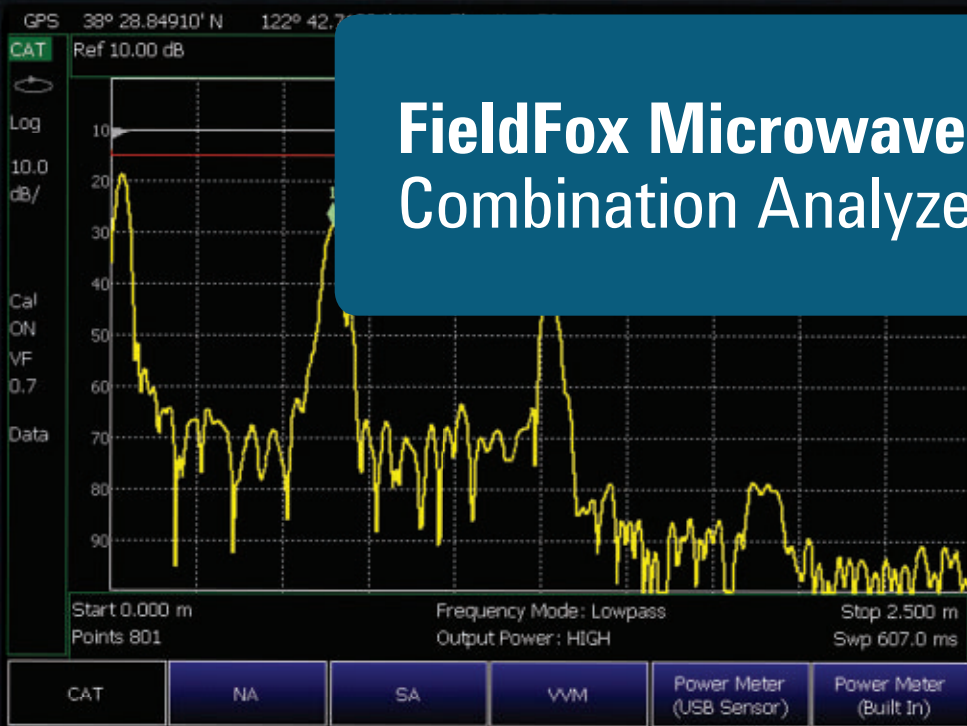




Agilent Technologies

FieldFox
Microwave Analyzer

N9917A
18 GHz



FieldFox Microwave Combination Analyzers



Agilent Technologies

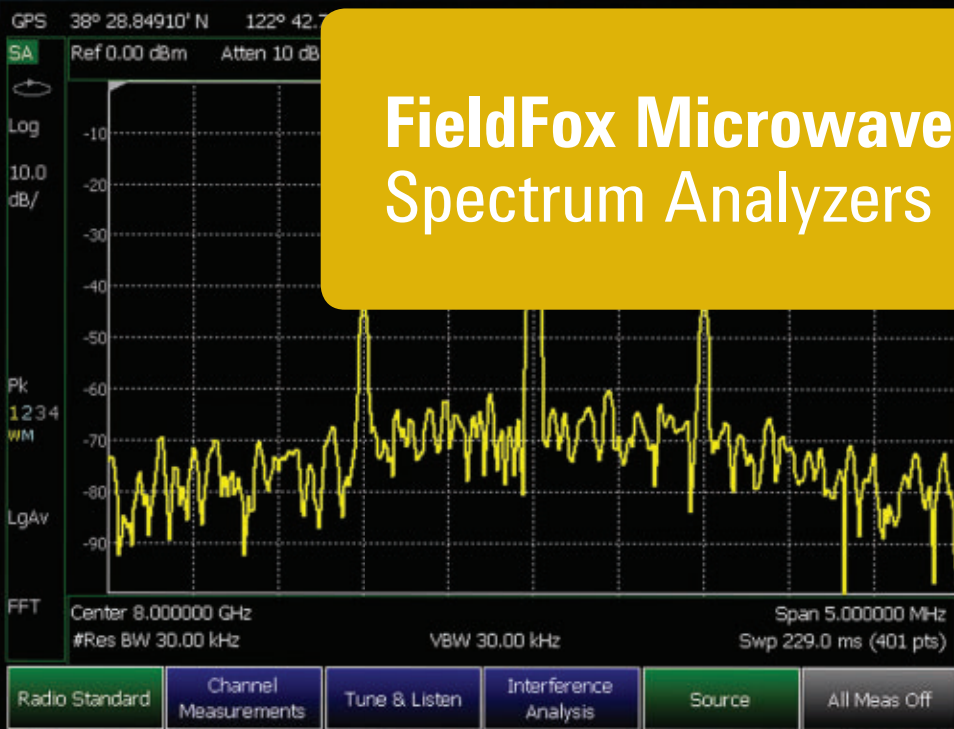


Agilent Technologies

FieldFox

Microwave Spectrum Analyzer

N9938A
26.5 GHz



FieldFox Microwave Spectrum Analyzers





Add the world’s most precise handheld microwave analyzer to your kit



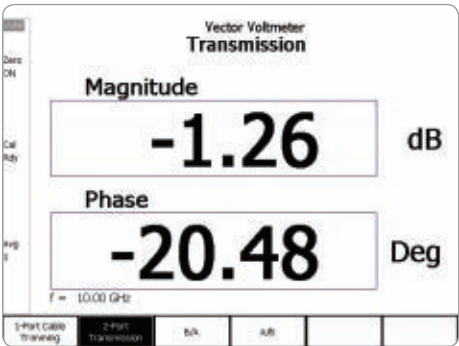
Cable and antenna analyzer

- Distance-to-fault, return loss, and cable loss
- Integrated QuickCal for calibration – no cal kit required
- Immediate distance-to-fault measurements with CalReady
- 30 kHz to 26.5 GHz



Vector network analyzer

- S11, S21, S12, S22, magnitude and phase
- Guided Calibration Wizard, full 2-port cal, waveguide calibration
- Superior dynamic range of 94 dB and ± 0.004 dB of trace noise
- 30 kHz to 26.5 GHz



Vector voltmeter

- Cable trimming
- Phase shift and electrical length measurements
- A/B and B/A ratio measurements
- 30 kHz to 26.5 GHz



Designed for the toughest working conditions

Rugged & reliable

- Dust-free design with no fans or vents provides measurement stability in harsh environments
- All FieldFox analyzers come standard with a 3-year warranty

Field-proof

- Bright, low-reflective display, and backlit keys for easy viewing in direct sunlight or darkness
- Water-resistant; withstands salty, humid environments

MIL-spec durability

- MIL-PRF-28800F Class 2
- MIL-STD-810G, Method 511.5, Procedure I, operation in explosive environments (type tested)

Portable

- Compact and light weight (3.0 kg or 6.6 lbs.), long battery life (3.5 hrs)
- Wide operating temperature (-10 to +55 °C, 14 to 131 °F)

FieldFox	RF & microwave combination analyzers	Microwave vector network analyzers	Microwave spectrum analyzers
Model number	N9913/4/5/6/7/8A	N9925/6/7/8A	N9935/6/7/8A
Maximum frequency range	4, 6.5, 9, 14, 18, 26.5 GHz	9, 14, 18, 26.5 GHz	9, 14, 18, 26.5 GHz
Cable and antenna analyzer	✓	✓	VSWR and reflection
Vector network analyzer	✓	✓	
Spectrum analyzer, interference analyzer	✓		✓
Tracking generator, independent source	✓		✓
Vector voltmeter	✓	✓	
Built-in power meter	✓	✓	✓
Power meter with USB sensor	✓	✓	✓



Get Agilent-quality microwave measurements in the field

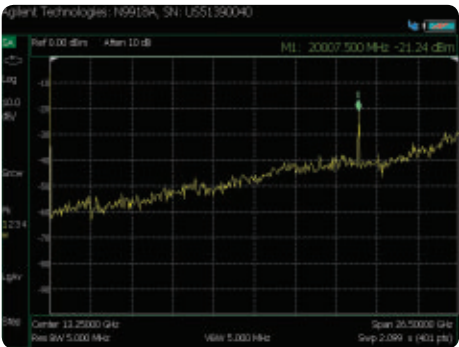
Spectrum analyzer

- Unprecedented ± 0.5 dB amplitude accuracy (full band) with InstAlign – no warm up required
- Interference analysis with spectrogram, waterfall display, record and playback
- Full-band tracking generator and preamplifier
- 5 kHz to 26.5 GHz



Tracking generator/independent source

- CW and swept signal source
- Output power: -45 dBm to +2 dBm, in 1 dB steps
- 5 kHz to 26.5 GHz



Built-in power meter

- Easy to view analog and digital display
- ± 0.5 dB accuracy with InstAlign
- 100 kHz to 26.5 GHz





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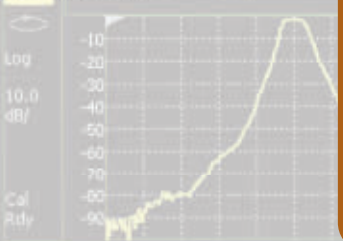
FieldFox

Microwave Vector Network Analyzer

88925A
8 GHz

GPS 38° 28.94910' N 122° 42.711' W

Tr 1 Ref 0.00 dB S21



Tr 2 Ref 1.00 dB S22



Tr 4 Ref 0.00 dB S21



Start 10.05 GHz

Points 201

Avg 1

IF BW 10 kHz

Output Power -15.00 dBm

Stop 10.55 GHz

S11

S21

S12

S22

Format
[Log Mag]

More

Carry precision with you.

Every piece of gear in your field kit had to prove its worth. Measuring up and earning a spot is the driving idea behind Agilent's FieldFox microwave analyzers. They're equipped to handle routine maintenance, in-depth troubleshooting and anything in between. Better yet, FieldFox delivers Agilent-quality microwave measurements—wherever you need to go. Add FieldFox to your kit and carry precision with you.

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office. The complete list is available at: www.agilent.com/find/contactus

Product specifications and descriptions in this document subject to change without notice.

www.agilent.com

www.agilent.com/find/carryFieldFox

Dimensions: 292h x 188w x 72d mm (11.5" x 7.4" x 2.8")

This document reflects the actual size of all FieldFox analyzers.

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Scan here to watch
the FieldFox video.

