# Cellular Antenna Quick Start Guide Agilent Technologies 8712ET/ES and 8714ET/ES

## Agilent Part Number 08714-90022 Printed in USA June 2000

Supersedes October 1998

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This quick start guide provides basic instructions on how to verify the performance of cellular antenna systems. Refer to the *Option 100 Fault Location and Structural Return Loss Measurement User's Guide Supplement* for more detailed information. Also, please refer to your analyzer's *User's Guide* for safety, warranty, and assistance information.

NOTE

This quick start guide assumes the use of an 8712ET or 8714ET. If you are using an 8712ES or 8714ES, some key presses and displays will be slightly different.

### To Make a Fault Location Measurement

1. Choose the measurement parameters or recall an instrument state.	
PRESET (BEGIN) Cable Fault Location Start Distance (XX) (ENTER) Stop Distance (XX) (ENTER)	
2. Reduce the interference.	3. Calibrate the analyzer.
(REGIN) Cable Fault Location	CAL) Full Band Cal
Band Pass Center Frequency (900) MHz	
(FREQ) Fault Loc Frequency Band Pass Max Span (300) MHz	
AVG System Bandwidth Narrow 250 Hz	OPEN SHORT LOAD



## If Measurement Results Were Poor

The following results indicate a specific problem you may encounter. Refer to your *Option 100 User's Guide Supplement* for more information.



#### To Make a Return Loss Measurement



#### To Make an Insertion Loss Measurement

