



AntennaAdvisor™ Interference Finder

Quickly pinpoints RF interference

The AntennaAdvisor handheld component for CellAdvisor™ lets technicians at any skill level quickly find RF interference. CellAdvisor automatically and dynamically creates intersection vectors based on three or more interference measurements. The result display includes the physical coordinates and a mapped location of the interferer.

CellAdvisor also performs a radial signal strength test, interpolating consecutive measurements and indicating the direction from which the strongest interferer signal is received. This provides a complete profile of the signal's transmission, making signal-level comparisons automatically to dramatically speed the interference finding process.



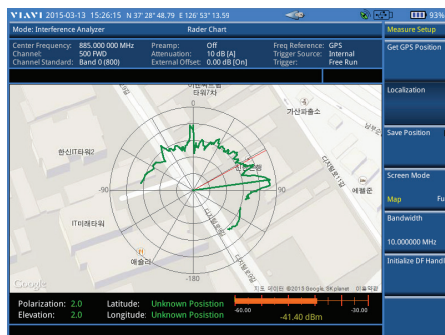
AntennaAdvisor with broadband directional antenna

Benefits

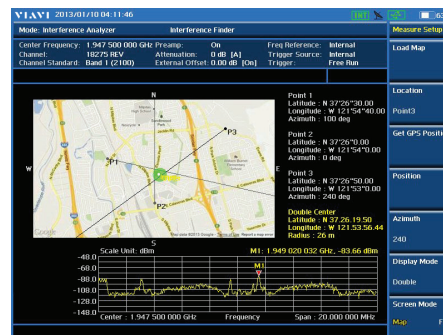
- Speeds finding interference
- Lightweight and highly portable
- Designed for seamless use with CellAdvisor™

Features

- Supports both industry-standard and user-definable acceptance criteria
- Available with integrated PCM
- Integrated connector certification reports
- Onboard storage for fiber inspection and test results
- Connects to a PC via mini-USB to export data and manage acceptance criteria using FiberChekPRO™ software
- Two USB ports to connect additional devices such as a P5000i microscope
- Automatic fiber-image centering
- Modern, smartphone-style user interface with touch screen
- Rugged, weather-proof design



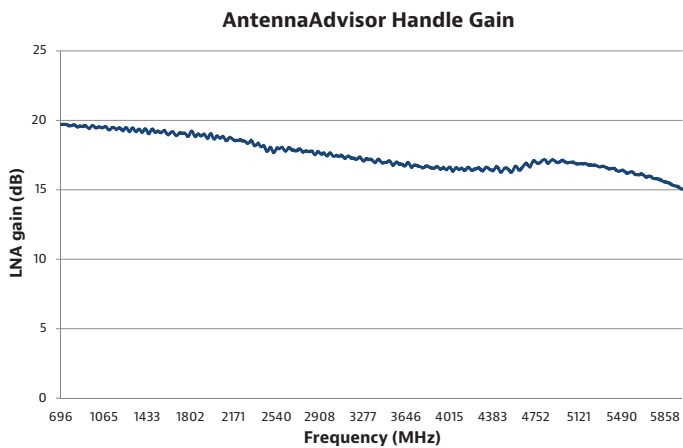
Radar Chart window in CellAdvisor



Interference Finder window in CellAdvisor

Specifications

Parameter	
Power Consumption	
Preamplifier off	0.15 W (typical)
Preamplifier on	Max 0.6 W
Preamplifier	
Bandwidth	700 MHz to 4 GHz
Gain	>15 dB (typical)



Electronic Compass	
Power	Powered from USB
Azimuth accuracy	4° RMS (typical) after initialization 6° RMS (typical) with polarization or elevation up to 60° after initialization
Trigger Button	
Single press	Manual interference detection
Long press	Continuous measurement in Radar Chart Compass calibration followed by pointing handle skywards
Power Button	Power button for LNA
Interface	
SMA	Connection port for broadband YAGI antenna
USB	USB cable terminated with a USB Type A female plug, 2.0 1.3 m
RF	Coax cable with Type-N male connector, 1.3 m
GPS	Coax cable with Type-SMA male connector, 1.3 m

Parameter	
Tripod Mount	1/4 - 20 UNC x 7 mm
Electromagnetic Compatibility	
EMC	RoHS Directive: 2011/65/EU (CE Mark) EN61326-1:2013 Radiocomms Labeling (Electromagnetic Compatibility) Notice 2008
Environmental Compatibility	
RoHS Directive: 2011/65/EU (CE Mark) WEEE Directive: 2012/19/EU (WEEE Logo) MII Order 39, 2006 (China RoHS) (China RoHS mark)	
Environmental	
Operating temperature	-20°C to 55°C
Maximum humidity	95% non-condensing
Shock	MIL-PRF-28800F Class 2
Size and Weight	
Weight	530 g
Dimension	210 x 105 x 180 mm

Ordering Information

Description	Part Number
AntennaAdvisor Handle (requires Cell Advisor interference analysis option 011)	JD70050007
Standard Accessory	
Soft carrying case	
Optional Accessory	
RF Yagi antenna SMA(f), 700 to 4000 MHz, 1.85 dBd	G700050366
RF Yagi antenna SMA(f), 700 to 6000 MHz, 2.85 dBd	G700050367



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