

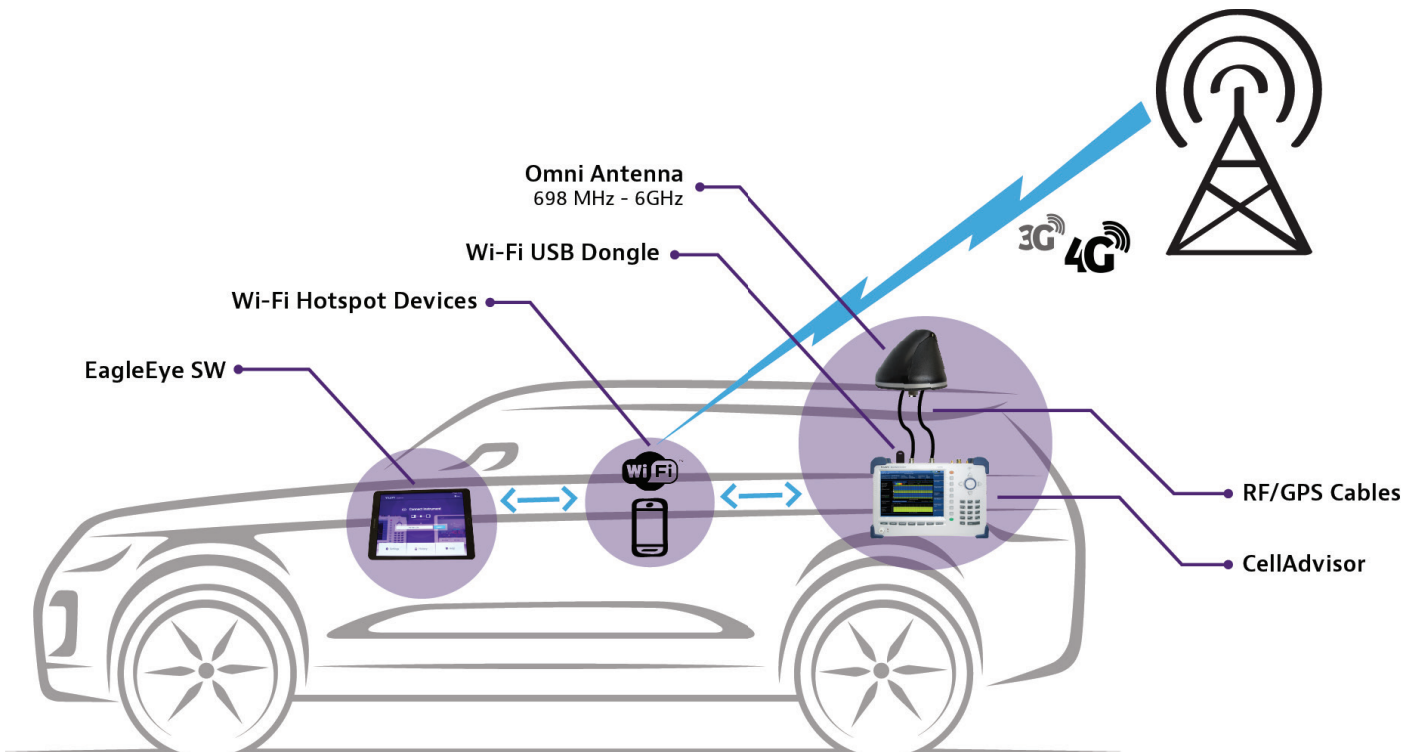


InterferenceAdvisor™

Identifying and rectifying interference issues in a mobile environment is a challenging but critical task. Mobile users near the interference source will experience degraded call success rates, increased dropped calls, decreased battery life, poor voice quality, and reduced data throughput. Detecting, locating, and finally eliminating these sources of RF interference are critical to maintaining good user experience throughout the network.

InterferenceAdvisor, Viavi's fully automated interference hunting solution, is the most user-friendly solution available today. Simple to set up and completely intuitive, InterferenceAdvisor allows one RF engineer to easily identify and locate an interference source with minimal effort: voice prompts simply direct the engineer to the source of interference. What used to take days to troubleshoot can now be done in hours by following a few simple steps.

InterferenceAdvisor is versatile tool that can help in isolating all types of RF interference for common cellular channels.



Viavi's Interference Hunting Solution Recommended Components

InterferenceAdvisor Basic kit	Description	Part Number
InterferenceAdvisor System	InterferenceAdvisor System includes: <ul style="list-style-type: none"> • Tablet, Samsung Galaxy Tab S2, Android 5.0 Lollipop, with GPS, GLONASS, 3 GB RAM, Quad-Core CPU, 9.7" • Car mounting kit • 1x2 USB Hub • Soft carrying case for InterferenceAdvisor system 	IA811
EagleEye software Basic	EagleEye software Basic	IA811-001
Wi-Fi USB LAN Card	Dual-band (2 GHz & 5 GHz) Wi-Fi USB LAN Card	Option 016 Wi-Fi connectivity included
Magnet Mount Broadband Omni Antenna		G700050358
Standard USB Type A to Type B cable and OTG cable		Standard accessory for IA811

Magnet Mount Broadband Omni Antenna		
Frequency	694 to 6000 MHz · Cable 1: 694 to 3700 MHz · Cable 2: 2400 to 6000 MHz	G700050358
Gain	Cable 1: · 3 dBi, 694 to 960 MHz · 4 dBi, 1710 to 3700 MHz Cable 2: · 5 dBi, 2400 to 6000 MHz	
Connector/Interface	RF: RF-195 Type-N Male GPS: RG-174 SMA Plug	
Roof Attachment	Magnetic mounting	
Shock & Vibration	IEEE1478, EN61373, TIA329.2-C	
Dust/Water Ingress	IP67	
Operating Temperature	-40 to +80°C (-40 to 176°F)	

CellAdvisor JD788B (recommended)	Part Number	
	Signal analyzer	JD788B
	Soft carrying case	JD74050341
	GPS receiver and antenna	JD788B010
	Interference analyzer option	JD788B011
	Wi-Fi connectivity for JD788B (includes Wi-Fi USB LAN card)	JD788B016

Mapping		
Online Map	Google Maps	

InterferenceAdvisor recommended accessories		
AntennaAdvisor Handle		JD70050007

Broadband Yagi Antenna		
	698 to 4000 MHz	G70050366
	698 to 6000 MHz	G70050367

JDMapCreator		
	Free PC application software for radar chart	ver. 1.2.01 or higher

Band Pass Filters		
	696 MHz to 716 MHz, N(m) to N(f), 50 ohm	G700050601
	776 MHz to 788 MHz, N(m) to N(f), 50 ohm	G700050602
	806 MHz to 849 MHz, N(m) to N(f), 50 ohm	G700050603
	1710 MHz to 1755 MHz, N(m) to N(f), 50 ohm	G700050604
	1850 MHz to 1910 MHz, N(m) to N(f), 50 ohm	G700050605
	703 MHz to 748 MHz, N(m) to N(f), 50 ohm	G700050606
	832 MHz to 862 MHz, N(m) to N(f), 50 ohm	G700050607
	880 MHz to 915 MHz, N(m) to N(f), 50 ohm	G700050608
	1710 MHz to 1785 MHz, N(m) to N(f), 50 ohm	G700050609
	1920 MHz to 1980 MHz, N(m) to N(f), 50 ohm	G700050610
	2500 MHz to 2570 MHz, N(m) to N(f), 50 ohm	G700050611

Compatible CellAdvisors models for interference hunting solution

JD745B, JD746B, JD748B	Interference Analyzer, Wi-Fi connectivity	Option 11, Option 16
JD785A, JD786A, JD788A	Interference Analyzer, Wi-Fi connectivity	Option 11, Option 16
JD785B, JD786B, JD788B	Interference Analyzer, Wi-Fi connectivity	Option 11, Option 16

Features

Connection	Wi-Fi and USB
Tablet operating system	Android
Fully automated interference area detection support	■
Direction and Navigation support	■
Light weight and easy to setup	■
Report generation include all necessary information	■
Radar Chart support	■
Spectrum control and display for detailed signal monitoring support	■
Gated Sweep control and display for TDD interference hunting	■



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To reach the Viavi office nearest you,
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