

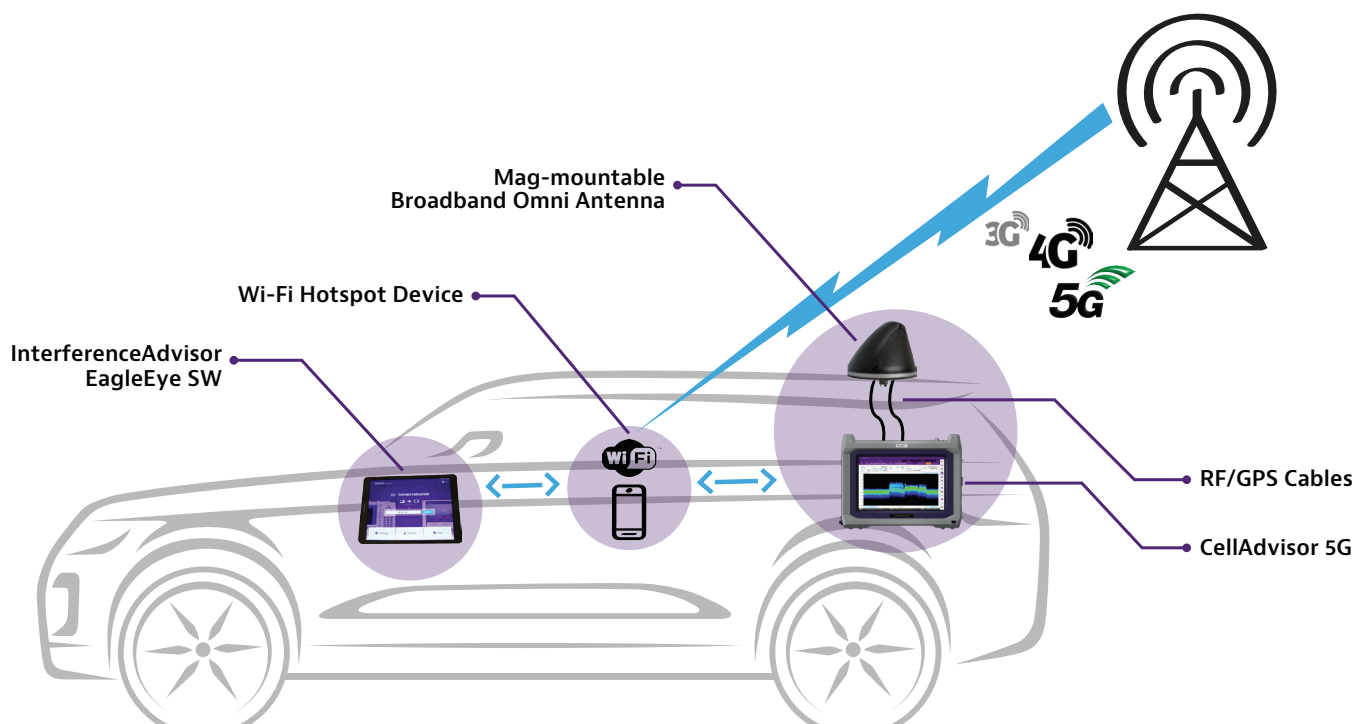
# VIAVI InterferenceAdvisor

Fully automated spectrum clearing and interference hunting solution

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.

VIAVI InterferenceAdvisor™ is a fully automated spectrum clearing and interference hunting solution that is the most user-friendly solution available today. Simple to set up and completely intuitive, InterferenceAdvisor allows one RF engineer to validate spectrum clearness and 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 or months to troubleshoot can now be done in hours by following a few simple steps.

VIAVI InterferenceAdvisor is a versatile tool that can help isolate all types of RF interference for common cellular channels.



## Interference Hunting Solution Recommended Components

| InterferenceAdvisor                 | Description   | Part Number            |
|-------------------------------------|---|------------------------|
| InterferenceAdvisor System          | InterferenceAdvisor System includes:<br><ul style="list-style-type: none"> <li>· Tablet*, Samsung Galaxy Tab S7 FE</li> <li>· Car mounting kit</li> <li>· USB C to USB A OTG adapter cable</li> <li>· USB A to USB C cable</li> <li>· Standard USB A to USB B cable</li> <li>· Soft carrying case for InterferenceAdvisor system</li> </ul> | IA811                  |
| EagleEye Software                   | EagleEye Interference Hunting   | IA811-001              |
|                                     | EagleEye Spectrum Clearing  | IA811-002              |
| Magnet Mount Broadband Omni Antenna |   | G700050358, G700050345 |

\* Shall be warranted for one (1) year under manufacturer's warranty

| Magnet Mount Broadband Omni Antenna |  |  |
|-------------------------------------|--|--|
|                                     | G700050358   | G700050345   |
| Frequency                           | 694 to 6000 MHz  | 600 to 6000 MHz  |
|                                     | Cable 1: 694 to 3700 MHz   | Cable 1: 617 to 960/1700 to 6000 MHz   |
|                                     | Cable 2: 2400/4900 to 6000 MHz   |  |
| Peak Gain                           | Cable 1:<br><ul style="list-style-type: none"> <li>• 3 dBi, 694 to 960 MHz</li> <li>• 4 dBi, 1710 to 3700 MHz</li> </ul> | Cable 1:<br><ul style="list-style-type: none"> <li>• 3 dBi, 617 to 960/1700 to 6000 MHz</li> </ul> |
|                                     | Cable 2:<br><ul style="list-style-type: none"> <li>• 5 dBi, 2400/4900 to 6000 MHz</li> </ul>                             |  |
| GPS Unit Gain                       | 26 dB, 5 dBi antenna   |  |
| VSWR                                | 2.0:1  | 2.0:1  |
| Maximum Power                       | 10 Watts   | 10 Watts   |
| Cable and Connector                 | RF: RF-195 Type-N Male   | RF: LL-195 Type-N Male   |
|                                     | GPS: RG-174 SMA Plug Male  |  |
| Shock and Vibration                 | IEEE1478, EN61373, TIA329.2-C  |  |
| Dust/Water Ingress                  | IP67   | IPX5   |
| Operating Temperature               | -40 to +80°C (-40 to +176°F)   | -40 to +85°C (-40 to +185°F)   |

| Map         |                            |
|-------------|----------------------------|
| Online Map  | Google Maps, OpenStreetMap |
| Offline Map | OpenStreetMap              |

**InterferenceAdvisor recommended accessories**

|                                |  |                       |
|--------------------------------|--|-----------------------|
| AntennaAdvisor Handle          |  | JD70050007            |
| Broadband Log Periodic Antenna | 650 to 4000 MHz                              | G70050366             |
|                                | 650 to 6000 MHz                              | G70050367             |
| JDMapCreator                   | Free PC application software for radar chart | ver. 1.2.01 or higher |
| Bandpass 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            |
|                                | 663 MHz to 698 MHz, N(m) to N(f), 50 ohm     | G700050612            |
|                                | 3300 MHz to 3800 MHz, N(m) to N(f), 50 ohm   | G700050613            |
|                                | 788 MHz to 798 MHz, N(m) to N(f), 50 ohm     | G700050614            |
|                                | 2305 MHz to 2315 MHz, N(m) to N(f), 50 ohm   | G700050615            |
|                                | 3300 MHz to 4200 MHz, N(m) to N(f), 50 ohm   | G700050616            |

**Compatible instruments for interference hunting solution**

|                        |   |   |
|------------------------|---|---|
| JD745B, JD746B, JD748B | Interference Analyzer<br>Wi-Fi Connectivity<br>GPS Connectivity   | Option 011<br>Option 016<br>Option 010                                  |
| JD785A, JD786A, JD788A | Interference Analyzer<br>Wi-Fi Connectivity<br>GPS Connectivity   | Option 011<br>Option 016<br>Option 010                                  |
| JD785B, JD786B, JD788B | Interference Analyzer<br>Wi-Fi Connectivity<br>GPS Connectivity   | Option 011<br>Option 016<br>Option 010                                  |
| CellAdvisor 5G         | Interference Analyzer<br>Wi-Fi Connectivity<br>Gated Sweep<br>TDD Auto Gated Spectrum<br>GNSS Connectivity          | CA5000-S013<br>CA5000-S004<br>CA5000-S015<br>CA5000-S021<br>CA5000-S002 |
| OneAdvisor 800         | Interference Analysis<br>Wi-Fi Connectivity<br>Gated Sweep Spectrum<br>TDD Auto Gated Spectrum<br>GNSS Connectivity | ONA-SP-INTAN<br>ONA-MF-WIFI<br>ONA-SP-GSS<br>ONA-SP-TAGS<br>ONA-SP-GNSS |

| Features   |                          |
|--|--------------------------|
| Connection   | Wi-Fi, USB, and Ethernet |
| Tablet operating system  | Android                  |
| Fully automated interference area detection support                        | ■                        |
| Direction and navigation support   | ■                        |
| Light weight and easy to set up  | ■                        |
| Report generation include all necessary information                        | ■                        |
| Spectrum control and display for detailed signal monitoring support        | ■                        |
| Gated Sweep control and display for TDD interference hunting               | ■                        |
| Interface with TDD Auto Gated Spectrum (TAGS) for TDD interference hunting | ■                        |
| Online and offline map support   | ■                        |
| Auto save of trace data and screenshots                                    | ■                        |
| Touch screen lock when driving   | ■                        |
| User settings save and load  | ■                        |
| Language   | English, Chinese         |

## VIAVI Care Support Plans




### Increase your productivity for up to 5 years with optional VIAVI Care Support Plans:

- Maximize your time with on-demand training, priority technical application support and rapid service.
- Maintain your equipment for peak performance at a low, predictable cost.

Plan availability depends on product and region. Not all plans are available for each product or in every region. To find out which VIAVI Care Support Plan options are available for this product in your region, contact your local representative or visit: [viavisolutions.com/viavicareplan](https://viavisolutions.com/viavicareplan)

### Features

\*5-year plans only

| Plan  | Objective                          | Technical Assistance | Factory Repair | Priority Service | Self-paced Training | 5 Year Battery and Bag Coverage | Factory Calibration | Accessory Coverage | Express Loaner |
|---|------------------------------------|----------------------|----------------|------------------|---------------------|---------------------------------|---------------------|--------------------|----------------|
| <br>BronzeCare | Technician Efficiency              | Premium              | ✓              | ✓                | ✓                   |                                 |                     |                    |                |
| <br>SilverCare | Maintenance & Measurement Accuracy | Premium              | ✓              | ✓                | ✓                   | ✓*                              | ✓                   |                    |                |
| <br>MaxCare    | High Availability                  | Premium              | ✓              | ✓                | ✓                   | ✓*                              | ✓                   | ✓                  | ✓              |



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To reach the VIAVI office nearest you,  
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