# VIAVI

## RAN Performance Indicator (RAN-PI)

Minimize Cell Site Testing, Maximize Performance!

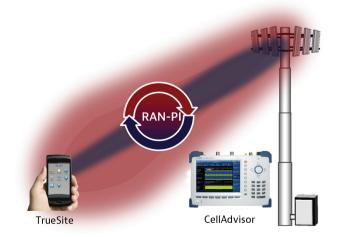


View correlated and comprehensive RAN-PI scores and metrics

### LTE Performance Metrics Consolidate User Experience and Cell-Site Performance

With the increasing complexities of LTE cell-site optimization, problem detection, isolation, and resolution, field technicians need simplified methods to speed up maintenance. RAN-PI is a consolidated score of LTE performance that integrates UE metrics and eNode B performance in real time. This lets technicians promptly detect problems, and due to its comprehensive analysis, speeds problem resolution.

RAN-PI can be adapted to to different service types, creating score profiles based on specific applications. This flexibility and unique correlation quickly resolves service-affecting issues, significantly reducing the costs of improving network performance.

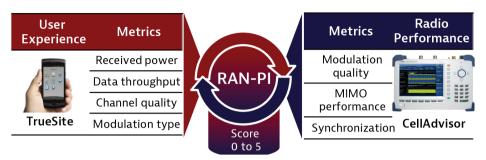


Key Benefits

- Simplifies performance assessments with one real-time indicator
- Significantly reduces maintenance time, maximizing customer QoE
- Speeds network optimization with configurable profiles

### Features

- Correlates and consolidates metrics from CellAdvisor<sup>™</sup> and TrueSite<sup>™</sup>
- Provides a single, real-time wireless-access quality indicator
- Bases configurable service-quality profiles on applications such as unicast, multicast, VoLTE



Score and correlate measurements

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ndoor	Wi-Fi Screen		•		<ul> <li>RSRP Rx(0)</li> <li>RSRP Rx(1)</li> </ul>	
Outdoor	Main Display Parameters			+		<ul> <li>RSRQ Rx(0)</li> </ul>
Settings	Chart Parameters		-	- I- <b>-</b>	<ul> <li>RSRQ Rx(1)</li> </ul>	
Customization	Map Display Parameters			+		LTE Serving and Neighbor Parameters • Serving E-ARFCN • Serving Physical Cell-ID
Wi-Fi Screen	Theme		GSM Parameters	1		
Test Sequencer			General Parameters	+		
		I	Save Set Load Set Of	k		LTE Demodulation Configuration Parameters • Stream 0 Modulation

Configure customized profiles with selectable measurements

### **Ordering Information**

RAN-PI Description	Part Number
LTE-FDD for JD785A	JD785A014
LTE-TDD for JD785A	JD785A015
LTE-FDD for JD788A	JD788A014
LTE-TDD for JD788A	JD788A015
LTE-FDD for JD745B	JD745B014
LTE-TDD for JD745B	JD745B015
LTE-FDD for JD748B	JD748B014
LTE-TDD for JD748B	JD748B015
LTE-FDD for JD785B	JD785B014
LTE-TDD for JD785B	JD785B015
LTE-FDD for JD788B	JD788B014
LTE-TDD for JD788B	JD788B015

When ordering RANAdvisor TrueSite options, include part number E5643B-XXX to match your CellAdvisor.



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