VIAVI

RAN Performance Indicator (RAN-PI)

Minimize Cell Site Testing, Maximize Performance!
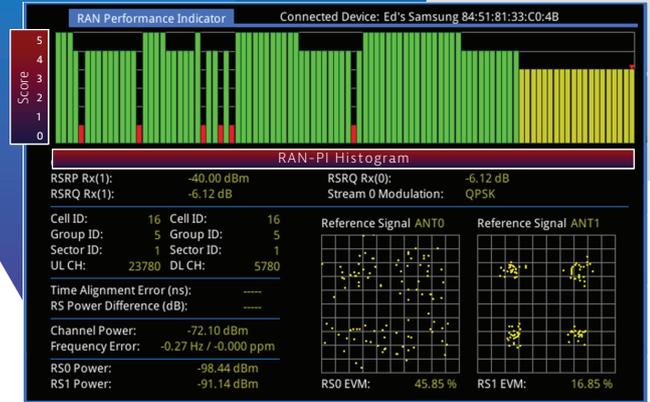
View correlated and comprehensive RAN-PI scores and metrics

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™ and TrueSite™
- Provides a single, real-time wireless-access quality indicator
- Bases configurable service-quality profiles on applications such as unicast, multicast, VoLTE

TrueSite

CellAdvisor

Easy-to-use, mobile functionality

Promo Sheet
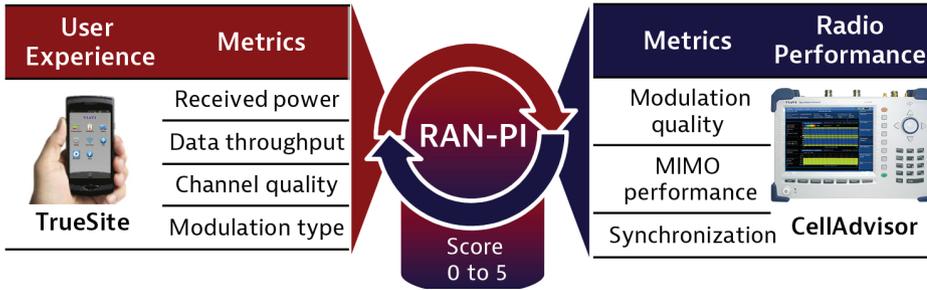
Score and correlate measurements

LTE Cell Info Parameters
- CQI CW0

LTE ML1 Serving Cell Measurements
- RSRP Rx(0)
- RSRP Rx(1)
- RSRQ Rx(0)
- RSRQ Rx(1)

LTE Serving and Neighbor Parameters
- Serving E-ARFCN
- Serving Physical Cell-ID

LTE Demodulation Configuration Parameters
- Stream 0 Modulation
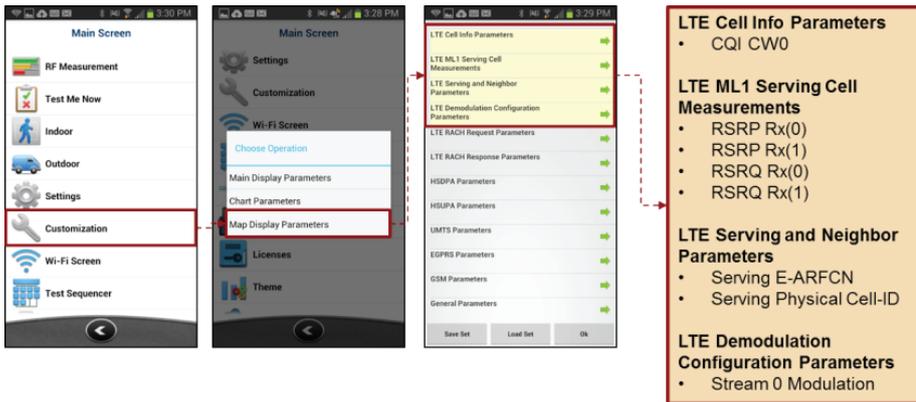
Configure customized profiles with selectable measurements

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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