



A Hardware Product for Measuring the Quality Parameters of Mobile Networks

With the increasing expansion of mobile networks, access to efficient methods for evaluating the services provided by mobile operators is so important. This should be from the perspective of customer experience in various areas of this network. The use of these methods in order to optimizing and troubleshooting mobile networks by mobile operators and service providers of these networks is essential. QSim product has been designed and offered with the aim of customer satisfaction and evaluating the network from the perspective of subscribers

Features and Specifications

- ▶ Creating Different Scenarios in mobile network
 - o CS Domain
 - o Voice (Call Establishment, Delay, Quality)
 - o SMS and USSD Exchange
 - o PS Domain
 - o DATA (HTTP, HTTPS, FTP, SFTP & DNS)
 - o Email (SMTP, POP3, IMAP)
 - o Connection (Ping, Tracerout)
 - o Upload & Download Rate (Speedtest, Iperf)
 - o Application (WhatsApp, Instagram)
- ▶ QoE & QoS Parameters Measurement
- ▶ Realtime Parameters of Radio Network and Signal Quality Index
 - ▶ Equipped with GPS for Location-Based Scenarios
 - ▶ Supported Standards
 - o GSM, GPRS, EDGE
 - o WCDMA+, HSDPA, HSUPA, HSPA
 - o TDD-LTE, FDD-LTE, LTE-A
 - ▶ Test Call Generator Scenarios and Remote Reporting
 - ▶ Connecting to Android Phone through WiFi for Configuration and Settings
 - ▶ Applicable for Drive Test and Measuring RAN Parameters

Dimension	180*180*32 mm
Power Supply	9 ~ 12V DC - 3A
Power Consumption	2 ~ 6 Watt (depending on configuration)
Weight	585 g
Management Ports	USB Serial Console, Gigabit Ethernet, USB
Sim Card Slots	6x2G/3G/4G MicroSim(3xActive,3xStandby)
Management Software	Web Application, Android Mobile App
Battery	Li-Ion 3.7V - 7200 mAh
Operating Temperature	0 to 60 °C
Storage Temperature	-20 to 70 °C