

XCAL-Mobile Handy Solution embedded in Smart Phone

Handheld Air interface Field Testing Solution

Capturing RAN performance has never been easier. XCAL-Mobile is a leading handheld air interface monitoring tool that enables QoS and QoE testing across all GSM/WCDMA/EVDO/WiFi/LTE/LTE-A/SGNR technologies. It supports extensive application testing and delivers realtime network measurement and visualisation capability in smart devices. All features can be controlled using the normal handset keys, which means anybody can use it.

XCAL-Mobile supports all major smartphones and can be extended to include Android devices.

Use XCAL-Mobile to

- Record radio interface data to optimise RAN performance (network rollout, tuning, verification and maintenance)
- Calibrate the performance of network services (Voice, FTP, HTTP, Multi-RAB etc)
- Perform QoS and QoE analyses
- Export performance data to either XCAP (ACCUVER's own post-processing tool for deeper 'root cause' analysis) or other 3rd party tools.
- Perform automated tests that are user-configurable
- Reduce OPEX by minimising expenditure on test tools
- Support indoor and outdoor use
- Mobile platform supported : Symbian iPhone and Android

Benefits

- Technology independent (GSM, GPRS, EDGE, WCDMA, HSDPA, HSUPA, LTE, SGNR, etc.)
- Inexpensive powerful and intuitive to use, with a high return on investment
- Vendor independent
- Extensive realtime data capture, visualisation and analysis

Application of XCAL- Mobile based solution

Contents	Mobile	Solo	Harmony
Autocall Support	0	0	0
No. of test (Interwork) devices	1	1	12
Field Test	0	0	0
In-building Test	0	0	0
MOS test	0	0	0
Single Benchmarking Test	X	X	0

All key applications supported on Smartphone

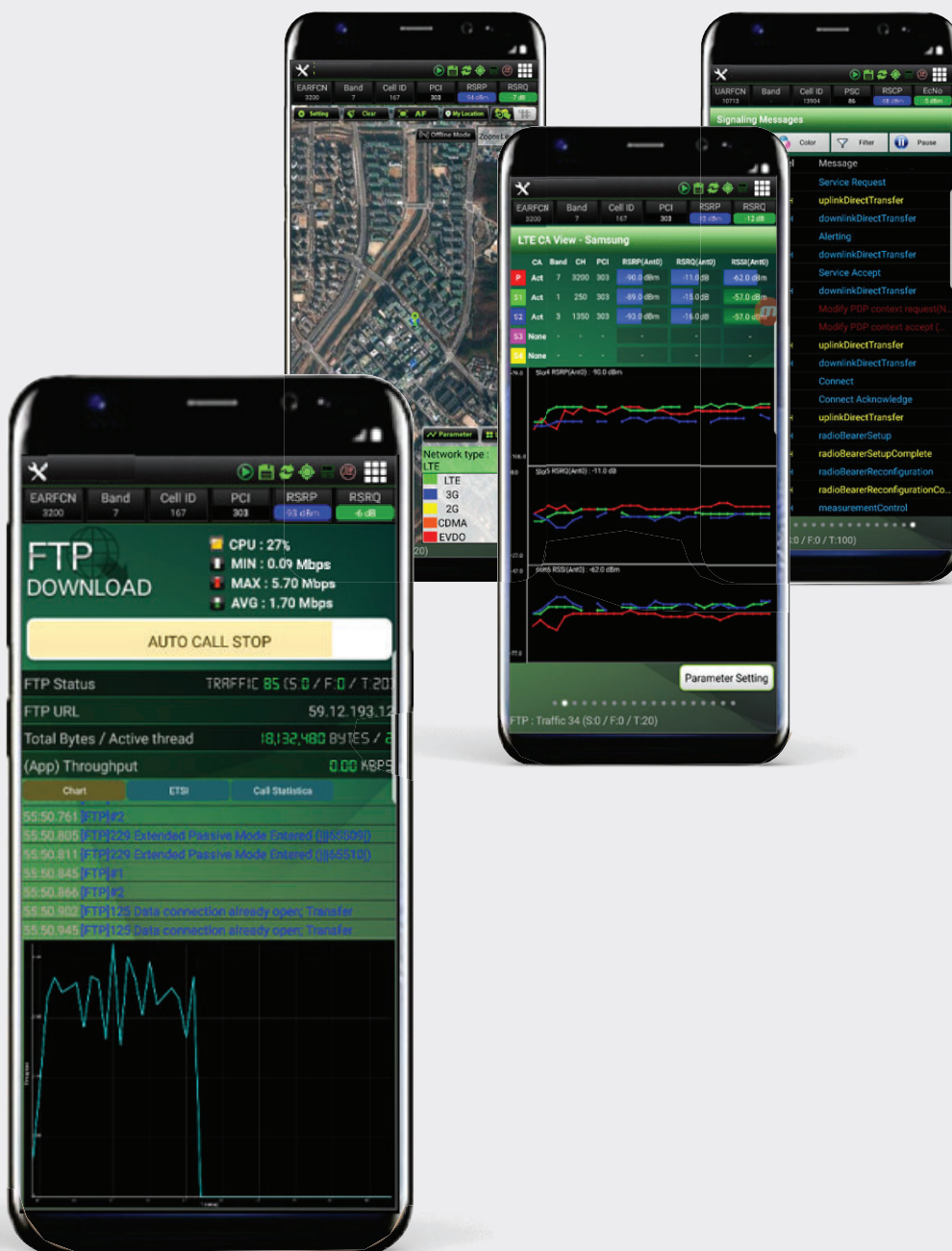


Features

Specification of supporting device	<ul style="list-style-type: none"> • OS: Android OS up to v9.0 (Pie) • Chipset: Qualcomm, Samsung
Technology	GSM/GPRS, CDMA/EVDO, 3G(HSDPA, HSUPA and HSPA), LTE, LTE-A (up to 4CA), TD-SCDMA, eMBMS, SUPL, Cat M1, NB-IOT, SGNR
Call Type	Voice, VoLTE, FTP, Web/HTTP, E-Mail, Iperf, Ping, YouTube, ARS-incoming, Speed test, Facebook, Multi-Call, Multi-RAB, Multi-Session SMS, App test(Play Store, Instagram, Twitter, Dropbox, Whatsapp, Skype, Facebook Messenger, LinkedIn, Line), ABM, ADB User Custom, PEVQ-S MMS, TraceRT, Netflix
Main Features	<ul style="list-style-type: none"> • RF View : Graph, table and map • Cell Measurement • Layer3 Display • Embedded POLQA (P.863) • Simple Logging • Split log file per time/size/call • In-Building • Call Statistics • SIP/RTP Analysis in VoLTE • TCP/IP packet capture • RAT/Band/Channel Cell Lock • (*It works on certain devices) • Support PCTel iBFlex/DRT 4311B /R&S TSMA6/Venture Scanner TTS Alarm • Replay • ETSI Statistics
Main Supported Terminal	<ul style="list-style-type: none"> • Samsung: Galaxy S series(up to S9 plus), Galaxy Note series (up to Note 9), etc. • LG: G5, G6, V40 etc. • HTC: One series, HTC10, etc. • Sony: Xperia A / VL / Z / X / XZ / XZP series, etc.
Main RF Info	Android RF Info, WiFi Info, Signal Message, RTP Summary, SGNR Summary, SGNR Signal, LTE Summary, LTE Signal, LTE Cell Info, LTE-CA Summary, LTE-CA Signal, LTE-CA Cell Info, LTE SIB Info, LTE Event Report, LTE Handover Info, LTE RACH, RTP Info, Scell Event, SUPL Message, LTE eMBMS, 3G Summary, 3G Signal, 3G Cell Info, GSM Summary, GSM Signal, GSM Cell Info, CDMA/EVDO Summary, CDMA/EVDO Cell Info

XCAL-Mobile

Handy Solution embedded in Smart Phone



Regional offices

Hong Kong (Head Office)
 Accuver APAC
 Tel: +852 2210 7004
 Fax: +852 2210 7017
 Enquiries:
sales.apac@accuver.com
support.apac@accuver.com

United Kingdom
 Accuver EMEA
 Tel: +44 20 8863 1118
 Fax: +44 20 8863 1688
 Enquiries:
sales.emea@accuver.com
support.emea@accuver.com
<http://support2.accuver-emea.com>

Poland
 Accuver Poland
 Tel: +48 22 3702518
 Enquiries:
sales.emea@accuver.com
support.emea@accuver.com
<http://support2.accuver-emea.com>

Japan
 Accuver Japan
 Tel: +81-3-6430-2580
 Fax: +81-3-6430-2589
 Enquiries:
sales@accuver.jp
support_aj_1@accuver.com
<http://www.accuver.jp/login.html>

Korea
 Innwireless Co Ltd
 Tel: +82 31 788 1700
 Fax: +82 31 705 0712
 Enquiries:
sales@accuver.com

USA
 Accuver Americas
 Tel: +1 469 241 6100
 Fax: +1 469 241 6199
 Enquiries:
sales.usa@accuver.com
support.usa@accuver.com
<http://help.usa.accuver.com/helpdesk>