

SAGEM OT4xx Range

FEATURES SUMMARY

June 2006

E-GPRS capable
On-screen userfriendly trace monitoring
Open trace protocol*
Full forcing, scanning capability
Full Multimedia product with state of the art performances

* depending on model



DETAILED SPECIFICATIONS

OT490

General characteristics (based on commercial range)	OT490
Weight	110g
Talk time (approx)	up to 4h20
Screen: lines/characters per line	Graphic screen: 176x220 pixels
Couleurs	262k
Languages	English, Spanish, Chinese, Russian, French
Camera	1,3 Megapixel, high sensitivity
WAP	2.0
MMS	✓
Voice codec	FR, EFR, HR, AMR FR, AMR HR
V card / V call support	✓
Music player codecs	WAV, MP3, AAC, AAC+
Video	Messaging (*), Capture/playback Streaming (*)
Java	MIDP2.0 CLDC 1.0 JTWI
(*) depending on network and services configuration	
Standard and Advanced capacity	OT490
Frequency bands	GSM 900, E-GSM, DCS, PCS
GPRS and E-GPRS	Class 10 (4+1 or 3+2)
Trace monitoring capacity	OT490
Serving Cell information (idle)	
Channel number, BSIC, RX_LEV	MMI / USB / Java*
C1, C2, (C31, C32 if GPRS supported)	MMI / USB / Java
LAC, RAC, Cell Identity	MMI / USB / Java
Timeslot, Timing advance, Power level, RX_QUAL	MMI / USB / Java
Neighbouring cell information (idle)	
Channel number, BSIC, RX_LEV	MMI / USB / Java
C1, C2, C31, C32	MMI / USB / Java
Cell Identity	MMI / USB / Java
Full BA list RX_LEV	MMI / USB / Java
E-GPRS information	
Current time slot used	MMI / USB / Java
Coding Scheme	MMI / USB / Java
RLC/LLC throughput	MMI / USB / Java
GMSK/8PSK MCS	MMI / USB / Java
GMSK/8PSK mean BEP	MMI / USB / Java
GMSK/8PSK CV BEP	MMI / USB / Java
RLC Ack window size	MMI / USB / Java
PTMSI, IP address	MMI / USB / Java
QOS parameters	MMI / USB / Java

"MMI / USB / Java" means that the trace is available i) on MMI, ii) via java for processing iii) on USB port for external processing (e.g.PC)

Trace monitoring capacity	OT490
Protocol messages	
GSM protocol messages	MMI/Java, USB LAPDm, RR, MM, CC
E-GPRS protocol messages	RLC/MAC control blocks RLC/MAC data blocks headers LLC headers GMM and SM messages
AMR info	Q2-2006
Co-channel C/I	
Idle	Q2-2006
Dedicated	Q2-2006
WAP and trace view (simultaneous)	✓
Scenario capability (via Java midlets to be developed)	OT490
Voice calls	✓
SMS	✓
MMS	✓
File transfer (FTP)	✓
Ping	✓
Forcing capacity	OT490
Cell and Handover	MMI / USB / Java
Frequency band	MMI / USB / Java
Cell bar access	Q2-2006
GPRS multislots class	MMI
Coding Scheme	Q2-2006
Preferred Voice Codec control	MMI / USB / Java
Protocol messages modification	Q3-2006
Services & Procedures	OT490
Location Area Update	Java/USB
Routing Area Update	Java/USB
GSM Attach/detach	Java/USB
GPRS Attach/detach	Java/USB
Scanning capacity	OT490
RF scanning	MMI / USB / Java
BSIC scanning	MMI / USB / Java
user defined frequency scanning	MMI / USB / Java
Video Capture	OT490
Video Output (streaming...)	✓
Internal trace storage capacity	OT490
Limited Storage -S_Cell and N_Cell data -Layer 3 messages -MM Info	✓
Full SD trace storage	✓
Markers capability (for mapping report)	Numeric, Vocal, Periodic
Transfer to PC	Via USB
Connectivity accessories	OT490
Radio connection for external Antenna	Yes (with additional accessory)
USB cable	✓
Stereo earkit	✓
USB cord with Audio in/out	✓
Trace interface	OT490
Protocole type (46x and 49x)	Open binary protocol (USB or Java)
GPS interface via bluetooth	Q2-2006

Any specification is subject to change without notice