GSM-R test monitor

TM-S75a GPS

Deploy, approve and monitor GSM-R / GSM networks with comprehensive test monitor

GSM-R technology for railways

Datasheet

TM-S75a GPS

The TM-S75a GPS is the right choice for on the spot GSM-R monitoring of critical network parameters. Measured data can be stored and post-processed by the PC application TrioTrace2.

Technical data

Dimensions	103 x 47 x 18.5 mm [LxWxH]
Weight	99 g
Battery	820 mAh Li-Ion
Operation time	300 hrs. standby 5 hrs. talk
Display	132x176 pixels TFT
Camera	1.3 Megapixel sensor
Data storage	24 MB internal, RS-MMC up to 1GB
Interfaces	Serial, IrDA, USB 2.0, Bluetooth, connector for external antenna by using a phone cradle
Card reader	Mini-SIM
Audio	Integrated hands free
Temperature range	-10°C to +55°C

ASCI / EIRENE

VGCS, VBS, UUS1, eMLPP

FN, PFN, REC

Test monitor

TrioTrace ME midlet for network monitoring without PC

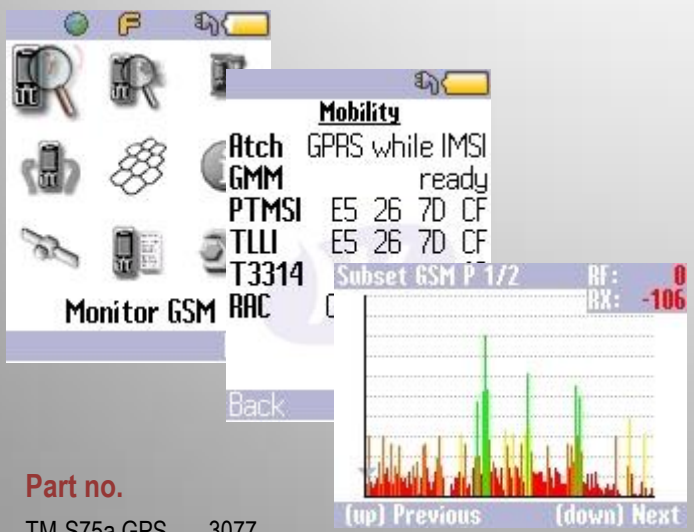
QoS information for GSM-R, GSM, GPRS and EDGE

Forcing functions for channel, band or voice codec

Scanning of single ARFCN or entire band

Measurement data storage internal or on MMC card

Automatic measurement recording is supported after switching on



System / Standards

Frequency bands	GSM-R/EGSM900/GSM1800/GSM1900
RF output power	Class 4 [2 W] for GSM-R/EGSM900 Class 1 [1 W] for GSM1800/GSM1900
Audio	Triple-rate codec for HR, FR and EFR AMR for non ASCI apps supported
GPS	External Bluetooth® GPS receiver supported

Data services

GPRS class 10

EDGE class 10

CSD

Fax group 3, class 2

Messaging	MMS, EMS, SMS, CB, IM
Internet access	WAP 2.0
E-mail client	SMTP, POP3

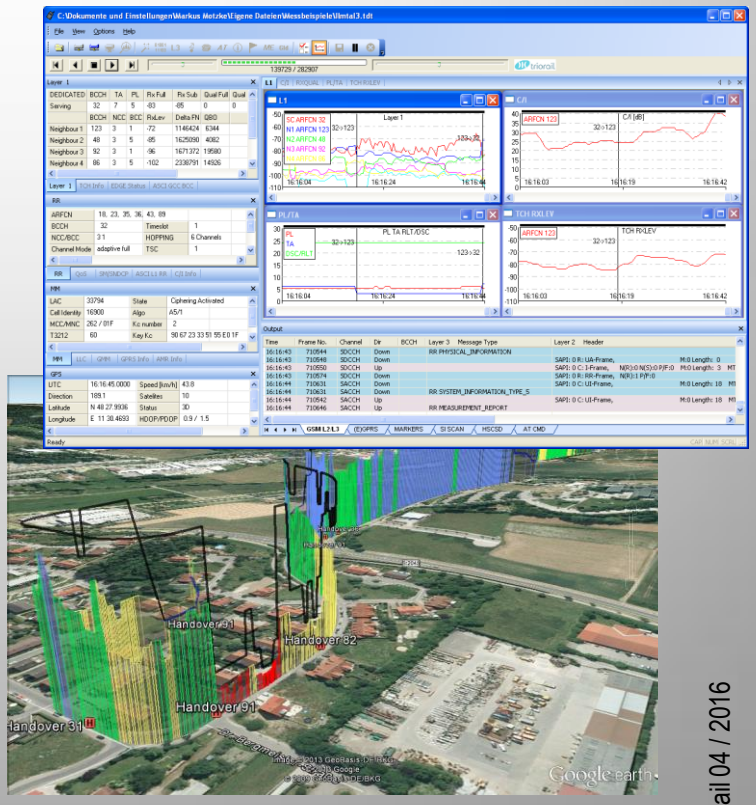
TrioTrace2 PC application

TrioTrace2 SW to visualize the stored measurement data

Analyze stored measurement data in customizable windows

Replay for post analyzing

Export of stored trace files in different formats



Part no.

TM-S75a GPS	3077

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The manufacturer reserves the right to change the product specification without notice.