

Specifitacion**Code-Nr.: 60803026****Photos****Electrical properties****GSM / GPRS / UMTS**

Antenna type

¼ λ mobile antenna

Frequency

- GSM/ETACS/NNT
- PCN / GSM
- GPRS
- UMTS

824 ÷ 960 MHz
1710 ÷ 2170 MHz
900 MHz
1900 ÷ 2170 MHz

Impedance

50 Ohm

Polarization

vertical

Emission

omnidirectional

Gain

3.5 dBi

Max Power

100 Watt

V.S.W.R.

690 ÷ 960 MHz – less than 3.0
1710 ÷ 2700 MHz – less than 2.4

GPS

Antenna type

active planar patch antenna

Frequency

1575.42 MHz

Bandwidth

±1.023 MHz

Impedance

50 Ohm

Polarization

RHCP

Supply voltage

2.7÷5.1 V

Current absorption

12mA±1 at 2.7V

26mA±1 at 5.1V

Gain amplifier

24dB ±1 at 2.7V

26dB ±1 at 5.1V

Gain patch antenna

2 dB

Noise figure

1.7÷2.1 dB

W-LAN

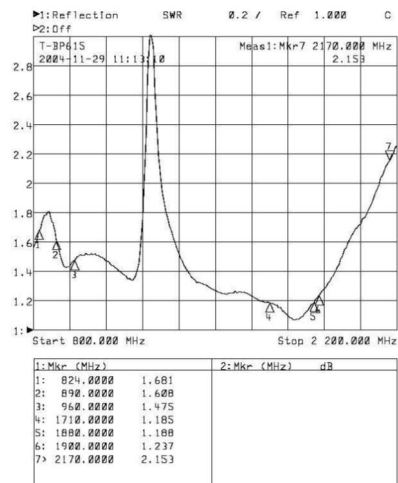
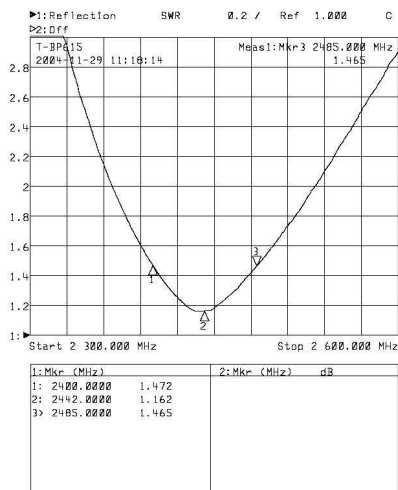
Antenna type	¼ λ mobile antenna
Frequency	2400 ÷ 2485 MHz
Impedance	50 Ohm
Max Power	10 Watt
V.S.W.R.	less than 2.0
Polarization	Vertical
Emission	Omnidirectional
Gain	5.0 dBi

Mechanical properties

Antenna cable	GSM - no cable GPS - RG316 180mm ± 20mm WLAN - RG316 180mm ± 20mm
Connector	GSM - N female GPS - SMA male WLAN - TNC male
Material	Base - Aluminium alloy EN AW -0682 Radome - Polycarbonate - UL 94 V 2
Dimension	106*160mm
Build in depth	Approx. 17mm
Mounting	according to FEDERTRASPORTI 00104/5
Temperature	-40°C - +80°C
Net weight	850g

Diagrams

V.S.W.R. curve



Assembly drawing

