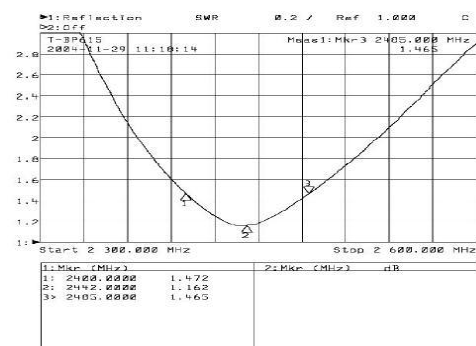
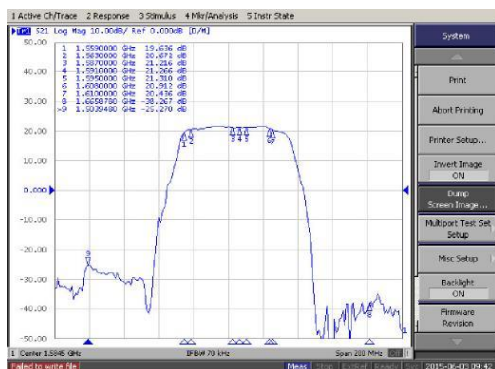
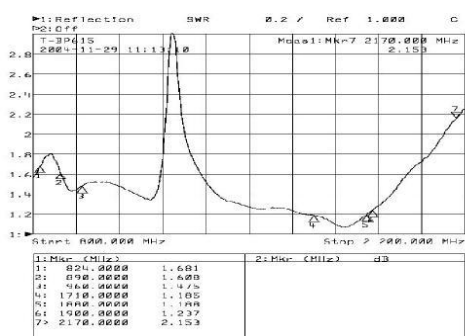


LOW PROFILE ANTENNA GSM / GPRS / UMTS / W-LAN / GPS-GNSS-GALILEO T-BP622EL

SPECIFICATIONS

Material	
Base	Aluminium alloy EN AW-6082
Radome	Polycarbonate UL 94 V2
weight (g)	1000
Dimensions (mm)	106*160
Temperature (°C)	-40° - +80°
Mounting	According to FEDERTRASPORTI 00104/5



TECHNICAL DATA GSM / GPRS / UMTS:

Antenna type:	1/4 l Antenna
Frequency range:	GSM / ETACS / NNT 824 ÷ 960 MHz PCN / GSM 1710 ÷ 1880 MHz GPRS 1900 MHz UMTS 1900 ÷ 2170 MHz
Impedance (Ohms):	50
Max power (W):	100
V.S.W.R.:	Less than 2.0
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	2.14 dBi over 1/4 l
Connector:	N Female

TECHNICAL DATA GPS/GNSS/GALILEO

Antenna type:	Active Planar Patch Antenna
Center frequency:	1580 MHz
Bandwidth:	± 28MHz
V.S.W.R.:	Less than 2.0
Impedance (Ohms):	50
Polarization:	RHCP
Supply voltage:	2.7 ÷ 5.1 V
Current absorption:	10 ± 1 mA at 2.7 V. 16 ± 1 mA at 5.0 V.
Gain amplifier:	18 ± 1 dB at 2.7 V. 22 ± 1 dB at 5.0 V.
Gain patch antenna:	2 dB
Noise figure:	1.7 ÷ 2.1 dB
Temperature (°C):	-30° - + 80°
Cable:	RG 316 mm.180±10 with Fakra f"C"
Capacity:	100pF/m

TECHNICAL DATA WIRELESS LAN

Antenna type:	5/8 l Antenna
Frequency range:	2400 ÷ 2485 MHz
Impedance (Ohms):	50
Max power (W):	10
V.S.W.R.:	Less than 2.0
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	5.0 dBi
Cable:	RG316 mm.130±10
Connector:	Fakra f."K"