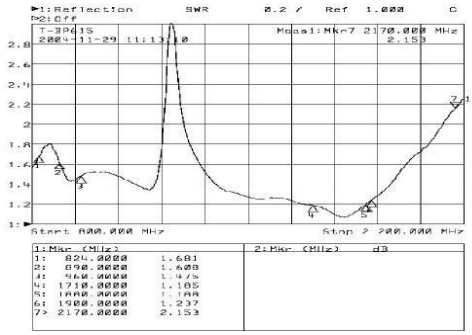
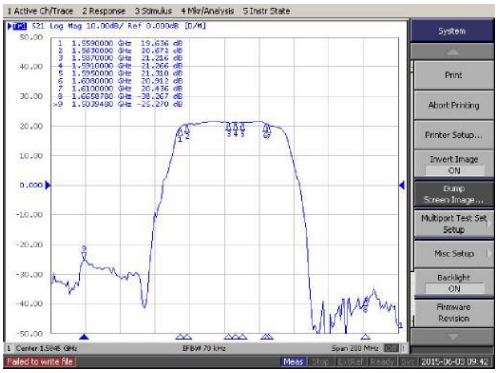
LOW PROFILE ANTENNA GPS-GSM-GPRS-UMTS-W/LAN

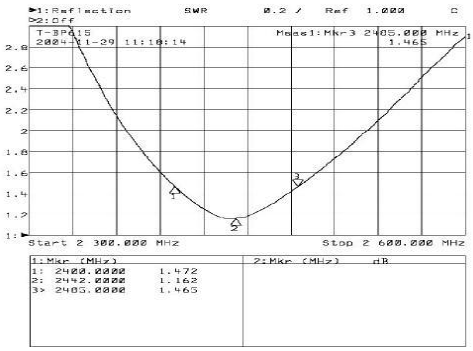
T-BP620

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
Connector	SMA 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:	TNC m.

Atel-Antennas S.r.l.

Viale Caduti sul Lavoro, 21/A - 15061 Arquata Scrivia (AL) - Italy

Tel. +39 0143 635496 - Fax +39 0143 666423 - Website: www.atel-antennas.eu - Mail: commerciale@atel-antennas.eu - P. IVA 02442250060