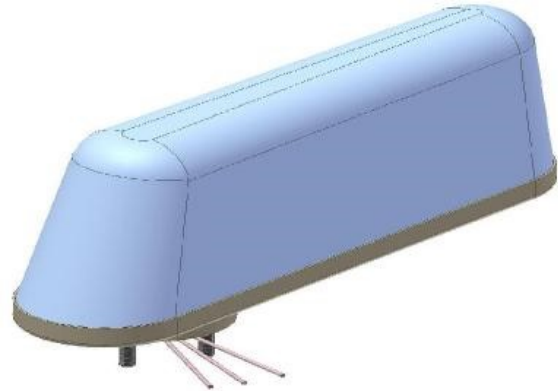


LONG LOW PROFILE VHF / GSM-UMTS / 2xGPS / W-LAN

T-BP701

SPECIFICATIONS

Material	
Base	Aluminium alloy
Radome	ABS
Net weight (g)	2000
Dimensions (mm)	120*450*200
Temperature (°C)	-40° - +80°



TECHNICAL DATA VHF

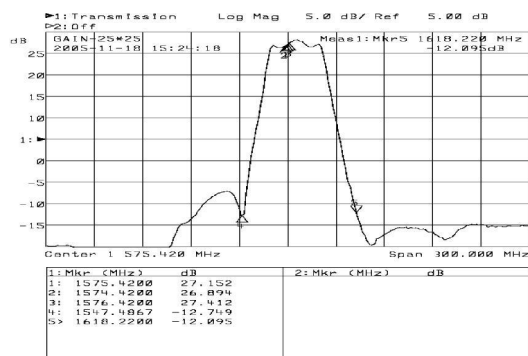
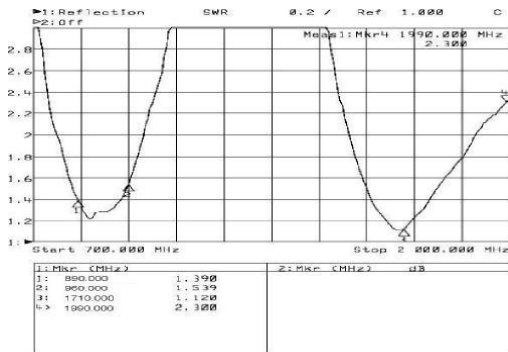
Frequency range	140÷144 MHz
Impedance (Ohms)	50
Max power (W)	100
V.S.W.R.	Less than 2
Polarization	Vertical
Emission	Omnidirectional
Gain	0 dBi over 1/4 l
Connector	N Female

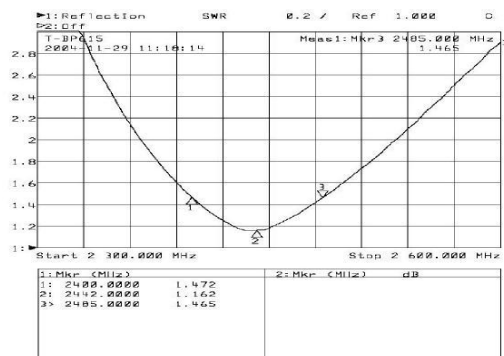
TECHNICAL DATA GSM-UMTS

Antenna type	1/4 l Antenna
Frequency range	GSM / ETACS / NNT 890 ÷ 960 MHz GSM / ETACS / NNT 890 ÷ 960 MHz PCN / GSM 1710 ÷ 1880 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
Cable	RG316 180±20mm 100pF
Connector	FME f

TECHNICAL DATA 2xGPS

Antenna type	Active Planar Patch Antenna
Center frequency	1575,42 MHz
Bandwidth	± 1,023 MHz
V.S.W.R.	Less than 2.0
Impedance (Ohms)	50
Polarization	RHCP
Supply voltage	2.7 ÷ 5 V
Current absorption	12 ± 1 mA at 2.7 V. 26 ± 1 mA at 5.0 V.
Gain amplifier	24 ± 1 dB at 2.7 V. 26 ± 1 dB at 5.0 V.
Gain patch antenna	2 dB
Noise figure	1.7 ÷ 2.1 dB
Temperature (°C)	-30° - + 80°
Cable X 2	RG316 180±20mm 100pF
Connector X 2	SMA m





TECHNICAL DATA WIRELESS LAN

Antenna type	1/4 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	2.14 dBi
Cable	RG316 180±20mm 100pF
Connector	SMA f