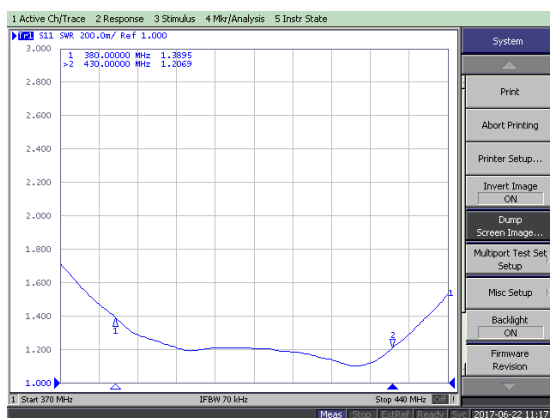
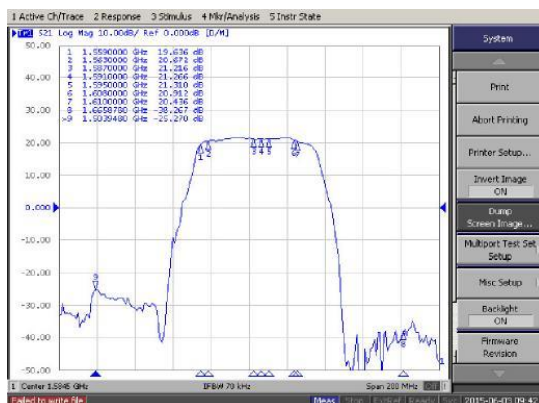


ACTIVE GPS/GNSS/GALILEO / TETRA 380 ÷ 430 MHz / GSM/UMTS/LTE T-AT921.02

SPECIFICATIONS:

Material	
Cap	Polyamide 6
Gasket	Arnitel EP 400
Rod	Moplen + Rubber 50 Sh.
Colour	Black
Net weight (g)	180
Base dimensions (mm)	
Lenght	95
Width	52
Mounting hole (mm)	
Squared	15*15
Round	Ø 19
Temperature (°C)	-30° - +80°

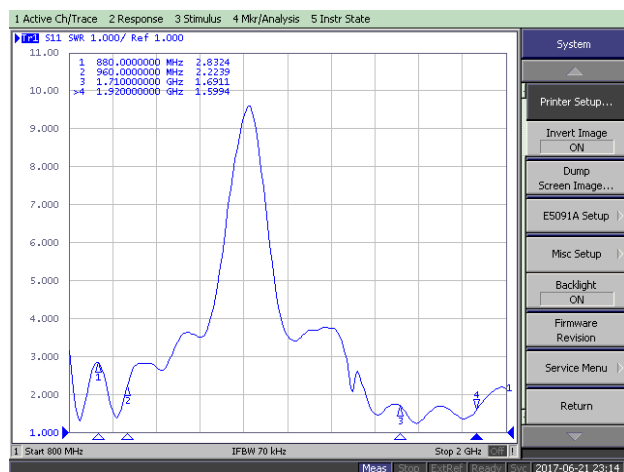


TECHNICAL DATA GPS/GNSS/GALILEO

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 174 mm. 300±20
Connector	FME F.

TECHNICAL DATA TETRA:

Antenna type	1/4 l Mobile Antenna
Frequency range	380 ÷ 430 MHz
Impedance (Ohms)	50
Max power (W)	20
V.S.W.R.	less than 1.8
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	2.14
Rod lenght (mm)	130±15
Rod section	1
Rod elevation	74°
Cable length	RG 174 mm.300±20
Connector	FME M.



TECHNICAL DATA GSM/UMTS/LTE

Antenna type	1/4 l Mobile Antenna
Frequency range	
GSM-ETACS-NNT	824 ÷ 960 MHz
PCN-GSM	1710 ÷ 1880 MHz
UMTS	1900 ÷ 2170 MHz
LTE	698 ÷ 790 / 1710 ÷ 2700 MHz
Impedance (Ohms)	50
Max power (W)	10
V.S.W.R.	less than 2.8
Decoupling (dB)	> 40
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	2.14
Rod section	1
Rod elevation	74°
Cable lenght	RG 174 mm.300±20
Connector	FME M.