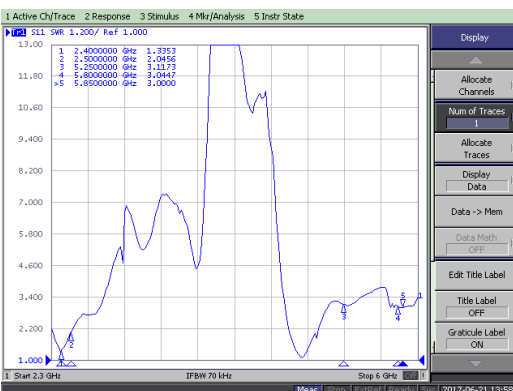
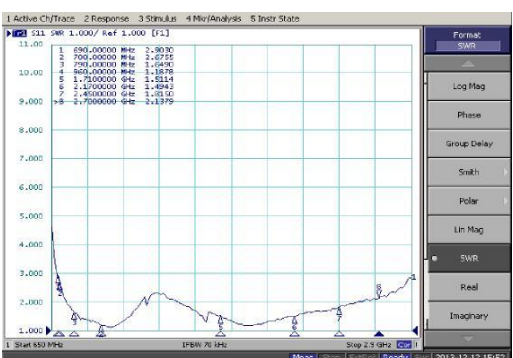
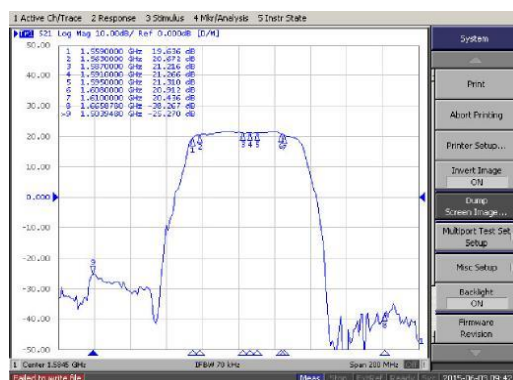


LOW PROFILE ANTENNA LTE / 2.4GHz—5.8GHz / GPS-GNSS-GALILEO T-BP642

SPECIFICATIONS

Material	Aluminium alloy EN AW-6082
Base	Polycarbonate
Radome	
weight (g)	1000
Dimensions (mm)	106*160
Temperature (°C)	-40° - +80°
Mounting	According to FEDERTRASPORTI 00104/5
Protection class	IP68



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 lenght	RG 316 mm.180±20
Connector	SMA m.

TECHNICAL DATA LTE:

Antenna type	1/4 l Mobile Antenna
Frequency range LTE	690 ÷ 960 MHz 1710 ÷ 2700 MHz
Impedance (Ohms)	50
Max power (W)	100
V.S.W.R. LTE	690 ÷ 960 MHz less than 3.0 1710 ÷ 2700 MHz less than 2.4
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	3.5
Connector	N female.

TECHNICAL DATA 2.4GHz-5.8GHz:

Antenna type	1/4 l Mobile Antenna
Frequency range	2400 ÷ 2485 MHz 5250 ÷ 5850 MHz
Impedance (Ohms)	50
Max power (W)	10
V.S.W.R.	2400 ÷ 2485 MHz less than 2.0 5250 ÷ 5850 MHz less than 3.0
Polarization	Vertical
Emission	Omnidirectional
Gain (dBi)	2.14
Cable lenght	RG 316 mm.220±20
Connector	SMA f.

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