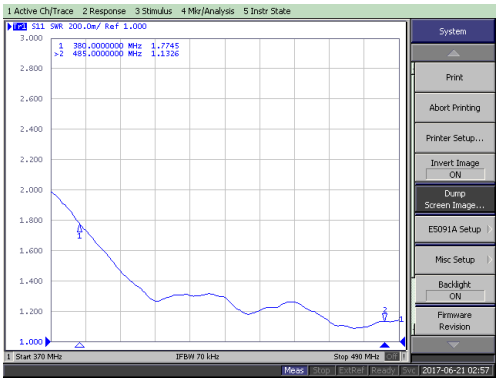
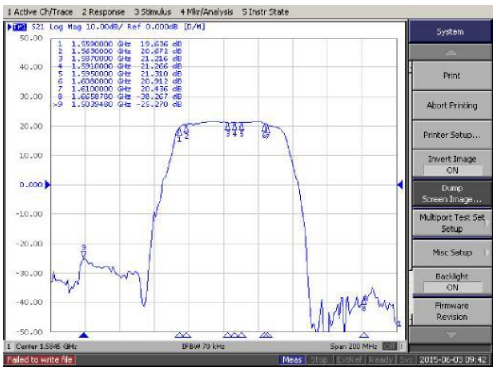
LOW PROFILE ANTENNA UHF / GPS –GNSS-GALILEO/ W-LAN

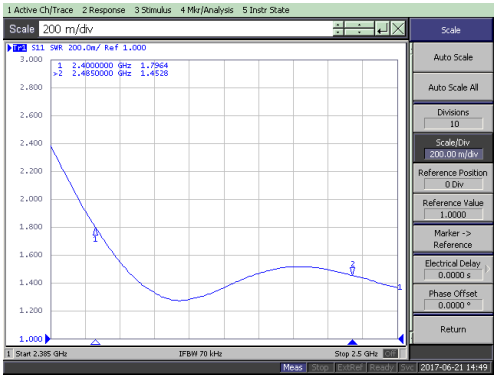
T-BP600.01

SPECIFICATIONS

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







TECHNICAL DATA 380÷485 MHZ:

Frequency range:	380 ÷ 485 MHz
Impedance (Ohms):	50
Max power (W):	200
V.S.W.R.:	less than 1.5
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	2.14 dBi over 1/4 l
Connector:	N Female

DC GROUNDED LIGHTNING PROTECTION

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	1.7 ÷ 2.1 dB
Temperature (°C):	-30° - + 80°
Cable:	RG 316 mm.300±10 with
FAKRA; Capacity:	100pF/m

TECHNICAL DATA WIRELESS LAN:

Frequency range:	2400÷2485 MHz
V.S.W.R:	less than 2.5
Polarization:	Vertical
Max power (W):	10
Impedance (Ohms):	50
Gain:	2.14 dBi over 1/4 l
Cable:	RG 316 mm.220±10 with
SMA/M; Capacity:	100pF/m

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