

Specifications

MIMO Planar Einbauantenne LTE/GPS

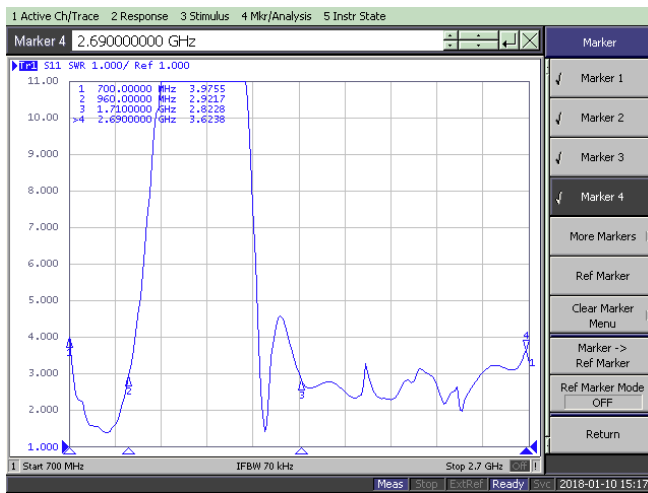
Photos

Code-Nr.: 60603142-2



Electrical properties

LTE MIMO



Frequency range

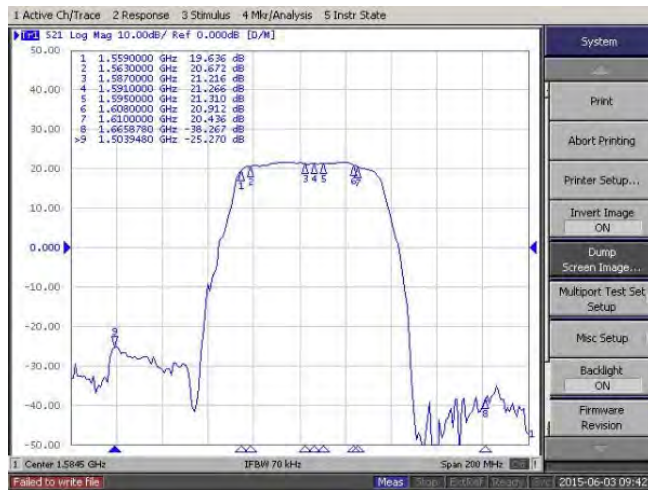
AMPS/GSM 850 : 824-894 MHz
 GSM 900 : 880-960 MHz
 GSM 1800 : 1710-1800 MHz
 GSM 1900: 1850-1990 MHz
 UMTS : 1920-2170 MHz
 LTE 700 : 698-793 MHz
 LTE 2700 : 2500-2690 MHz

Impedance
 Polarization
 Emission
 Gain (dBi)

50 Ohm
 Vertical
 Omnidirectional
 2 – 890 MHz
 5 – 1710 MHz
 5 – 2690 MHz
 RG174 200 mm
 SMA male

Cable
 Connector

GPS



Antenna type

Active Planar Patch Antenna

Center frequency

1580 MHz

Bandwidth

± 28 MHz

V.S.W.R.

less than 2.0

Impedance

50 Ohm

Polarization

RHCP

Supply voltage

2.7 V ÷ 5.1 V

Current absorption

10 ± 1 mA at 2.7V

16 ± 1 mA at 5.0V

Gain amplifier

18 ± 1 dB at 2.7V

22 ± 1 dB at 5.0V

Gain patch antenna

2 dB

Noise figure

1.7 ÷ 2.1 dB

Temperature

-30°C - +80°C

Cable

RG174 200 mm

Connector

SMA male

Mechanical properties

Material	ABS
Colour	Black
Net weight	179 g
Dimensions	Ø 120mm, h=built-in ca. 62mm
Mounting hole	Ø 16mm
Temperature	-40°C - +80°C

60603142-2 / MIMO