

Specifications

MIMO Planar Einbauantenne LTE/WLAN/GPS

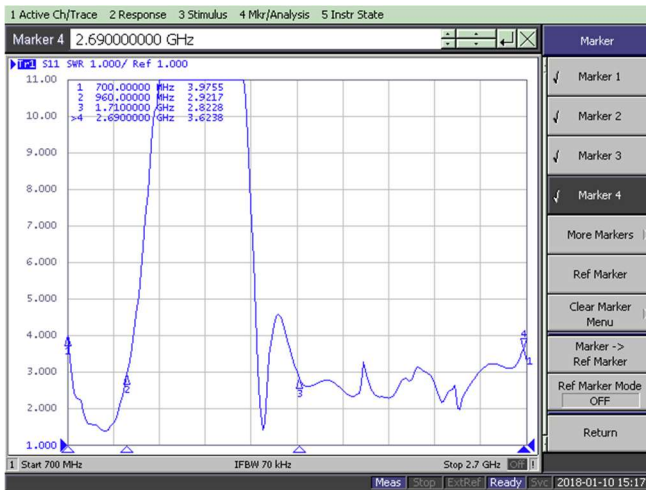
Photos

Code-Nr.: 60603142



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

50 Ohm

Polarization

vertical

Emission

omnidirectional

Gain (dBi)

2 – 890 MHz

5 – 1710 MHz

5 – 2690 MHz

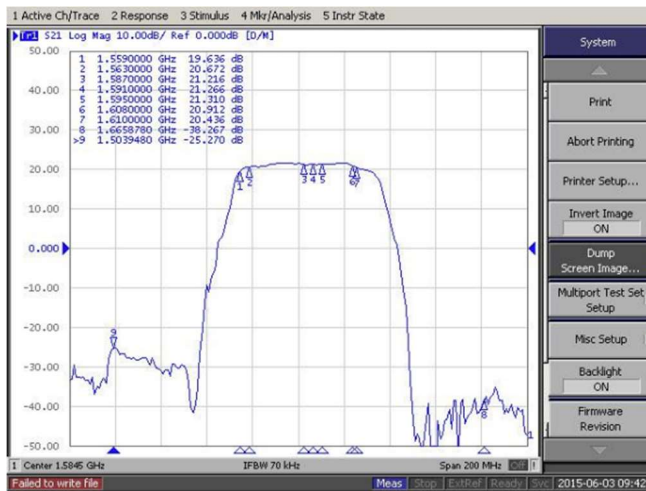
Cable

RG174, 200 mm

Connector

SMA male

GPS



Antenna type

active planar patch antenna

Center frequency

1580 MHz

Bandwidth

± 28 MHz

VSWR

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

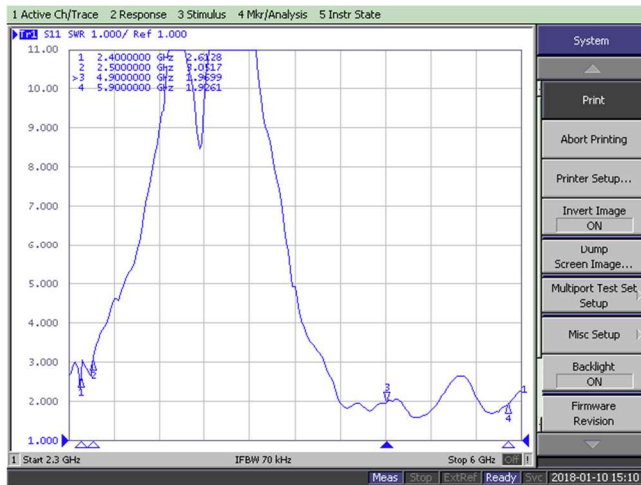
Cable

RG174, 200 mm

Connector

SMA male

WLAN MIMO



Antenna type	active planar patch antenna
Frequency range	2400 ÷ 2485 MHz 5250 ÷ 5850 MHz
Impedance	50 Ohm
Polarization	vertical
Emission	omnidirectional
Gain (dBi)	4 - 2400 MHz 6 - 5800 MHz
Cable	RG316, 200 mm
Connector	SMA male

Mechanical properties

Material	ABS
Colour	black
Net weight	202 g
Dimensions	Ø 120mm, h=built-in ca. 62mm
Mounting hole	Ø 16mm
Temperature	-40°C - +80°C

60603142 / MIMO