

QuPanel LTE HP SISO Nf

Directional High Power multiband LTE SISO antenna

QuPanel LTE HP directional high gain antenna is predicted for 4G LTE mainly, but is compatible with 3G and 2G as well. The antenna improves the signal in rural/suburban and locations where the mobile signal is weak. That antenna is predicted to be installed on the buildings (on the pole or on the wall). Due to very wide working frequency range, the antenna is universal client for LTE bands like LTE700/800/1800/1900/2100/2300/2600. It's compatible with Teltonika: RUT230, TRB140, TRB141, TRB142, TRB145, TRM240, TRM250 and other SISO LTE/3G/2G modems and routers.

4G
LTE
SISO
694-2700MHz
7 dBi
DIRECTIONAL
IP 67
-40° TO +80°

OUTDOOR ANTENNA WORKS IN ANY
WEATHER CONDITIONS, IP67



MOUNTING SYSTEM WITH TWO
PLANES, 60 DEGREES REGULATION



INTEGRATED NF CONNECTOR



7 DBI GAIN



70° BEAMWIDTH



MADE IN EUROPE



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101, n256
GAIN	694 - 960 MHz : 7 dBi 1.7 - 2.2 GHz : 7 dBi 2.2 - 2.7 GHz : 7 dBi
FRONT-TO-BACK	>10 dB
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	±45°
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
CONNECTOR TYPE	1x Nf
MAST DIAMETER	25-60mm 0.98-2.36 inch

FREQUENCY BANDS

LTE / 4G GSM	<div>581213141718</div> <div>617 MHz<div>19202627282944</div></div> <div>676885103n81n82n83</div> <div>n89n100</div> <div>960 MHz</div>
LTE / 4G UMTS	<div>123491025</div> <div>1710 MHz<div>333435363739n80</div></div> <div>n84n86n95n98n101</div> <div>2170 MHz</div>

LTE / 4G WCS DARS

2300
MHz

30

40

n97

2400
MHz

LTE / 4G

2400
MHz

7

38

41

53

69

n90

2700
MHz

COMPATIBLE ROUTERS

VARIANT: APLS1-HN

TELTONIKA

TRB140, TRB141, TRB142, TRB143, TRB145, TRB245, TRB246, TRB255, TRB256

ROBUSTEL

EG5101, M1000 MP, M1200

FORTINET

Industrial GPS Modem F7916

FOUR-FAITH

4G LTE WiFi Modem F2X16 V4, LoRa Router F8936-L, Sim Card WiFi Router F3X26Q, Wireless 4G LTE Router F3X26-TB, Wireless M-Bus Gateway F-R100WM

MILESIGHT

UR32L, UR32S, UR41

ROBUSTEL

EG5101, M1000 MP, M1200

SIEMENS

6GK7243-7KX30-0XE0, 6GK7243-7SX30-0XE0

TELIT CINTERION

ME910G1 mPCIe Series

TELTONIKA

TRB140, TRB141, TRB142, TRB143, TRB145, TRB245, TRB246, TRB255, TRB256

WAVETEL

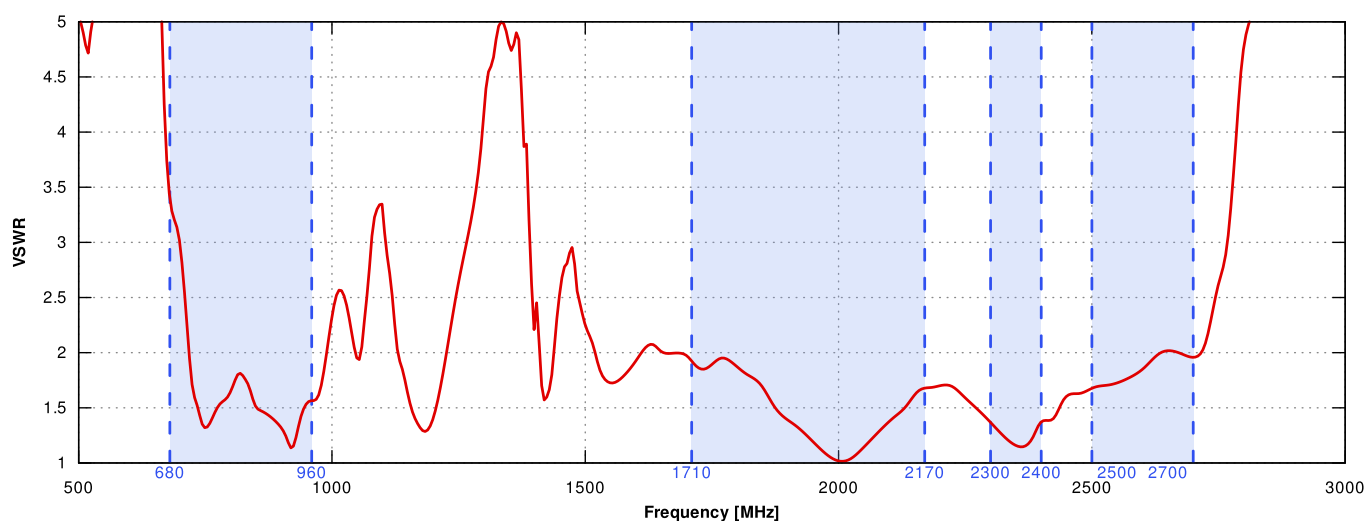
WM21 4G Cat M/NB Modem

WLINK

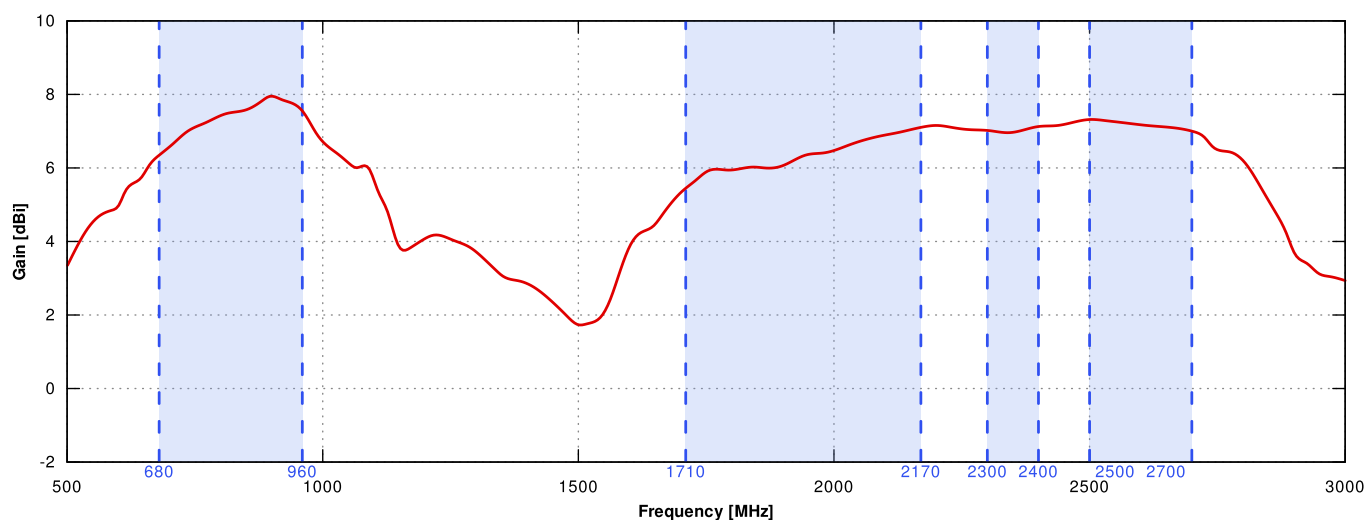
M100, M303, R100, R200

PLOTS

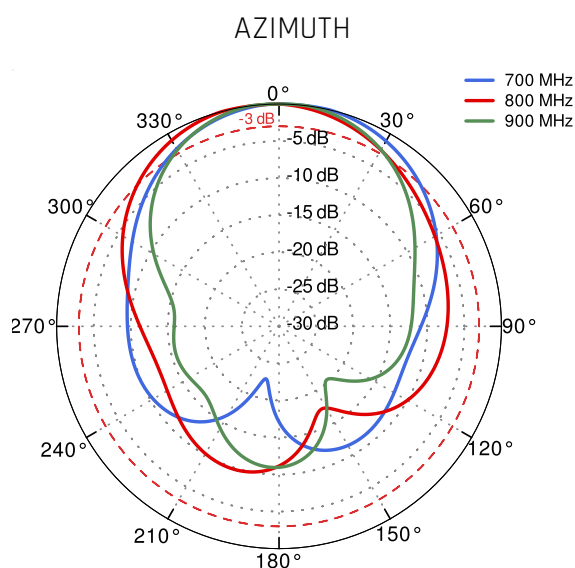
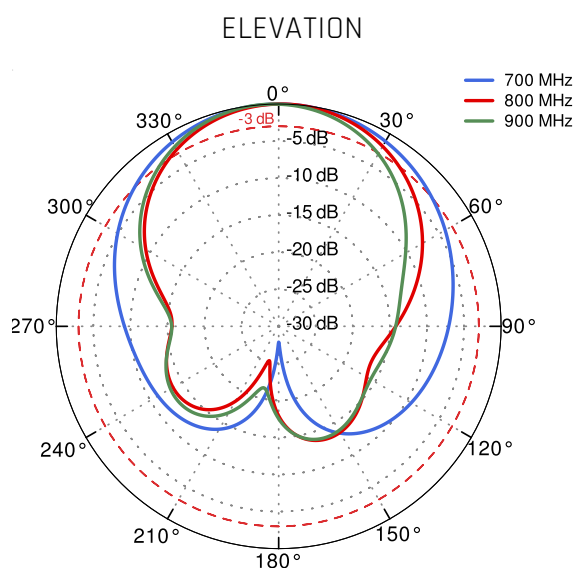
VSWR



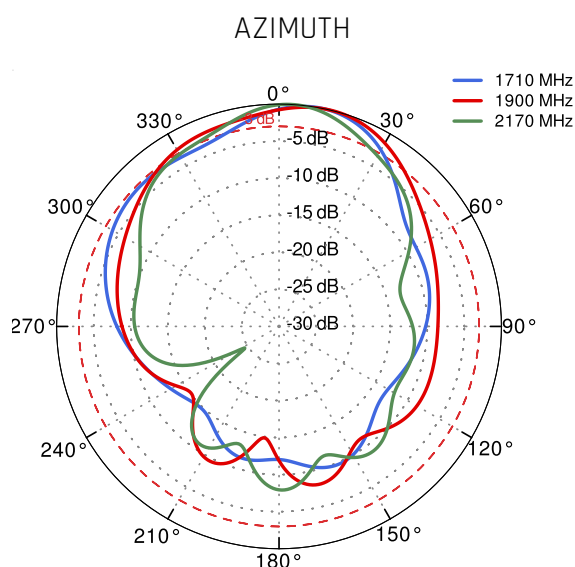
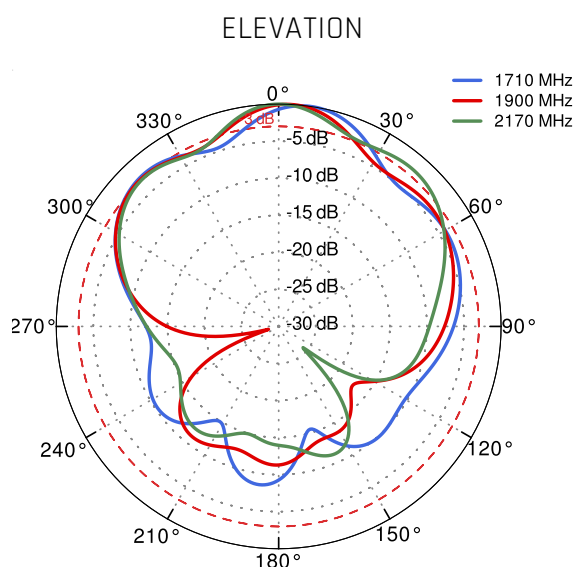
Gain



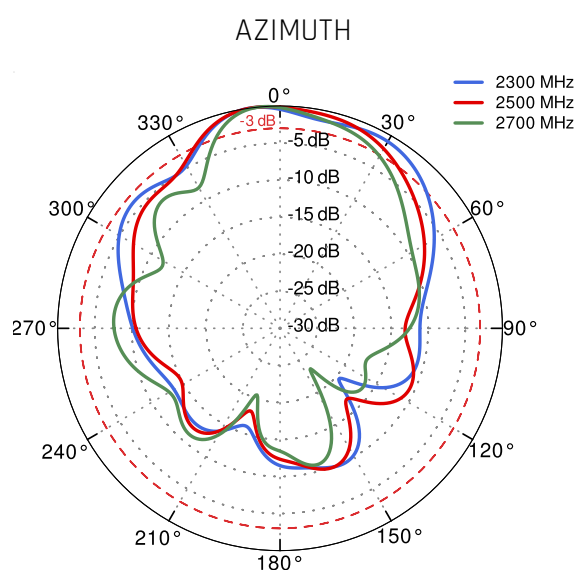
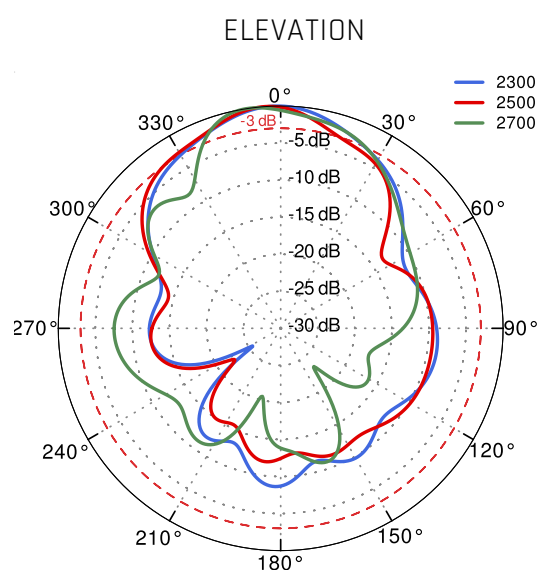
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



DIMENSIONS

