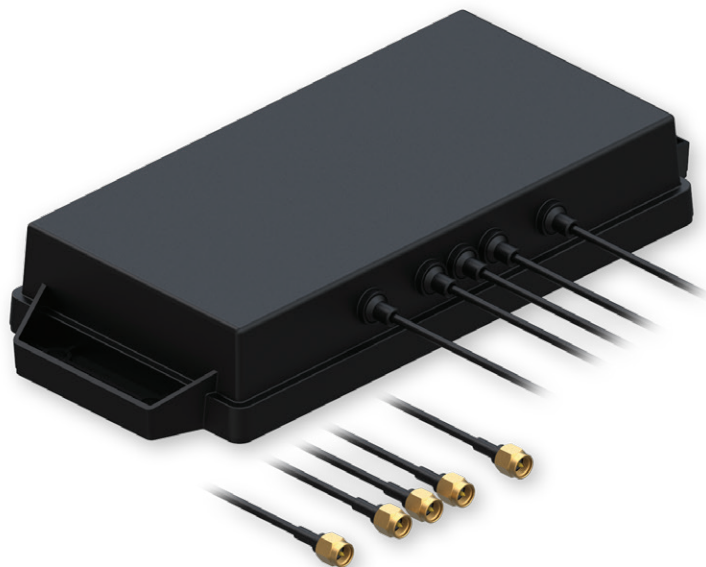


5G COMBO MOBILE/GNSS SMA ANTENNA



Technical data

Mounting type	M6 Screw or Adhesive
Enclosure material	PC/PC+ABS
UV resistant	✓
Cable length	3000 mm
Weight	450 g
Operating temperature	-40 °C ~ +80 °C
Operating humidity	≤ 90 %
Ingress protection rating	IP67
RoHS compliant	✓

5G mobile MIMO antenna

Frequency range	600 ~ 960, 1427 ~ 2700, 3300 ~ 4200, 4400 ~ 5000 MHz
Polarisation	Linear
Radiation pattern type	Omni-directional
Gain	≤ 4 dBi
V.S.W.R	≤ 2.5
Impedance	50 Ω

Connector type and count 4 x SMA Male

Cable type 4 x LMR100

GNSS antenna

Frequency range 1559 ~ 1610, 1164 ~ 1189 MHz

Polarisation RHCP

Radiation pattern type Directional

Gain ≤ 2 dBi

LNA gain 17 ± 2 dB

Noise figure ≤ 2 dB

V.S.W.R < 2

Impedance 50Ω

Supply voltage $3 \sim 5$ VDC

Current consumption 15 mA

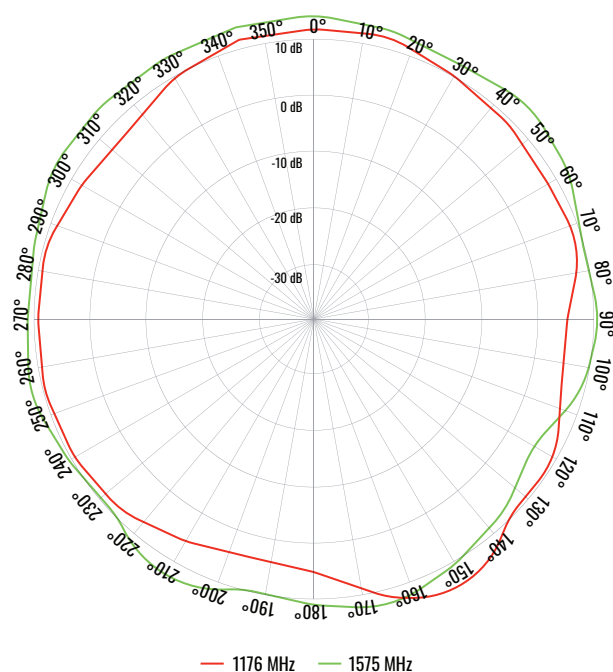
Connector type and count 1 x SMA Male

Cable type 1 x LMR100

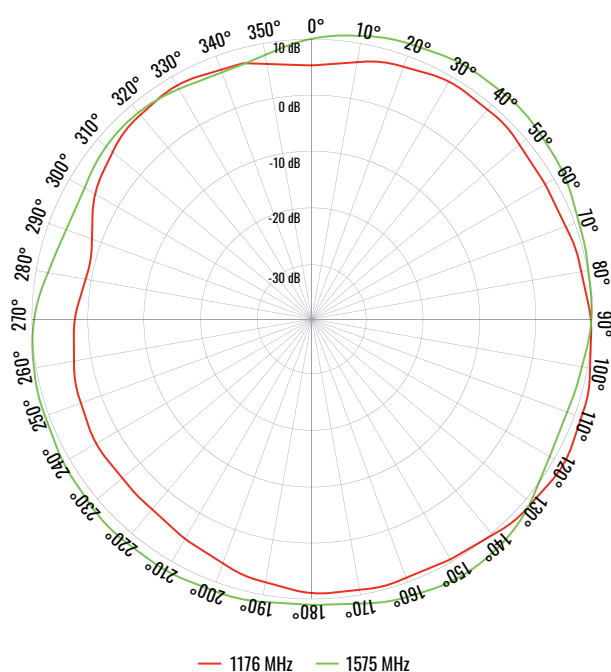
Radiation patterns

GNSS - 1 Antenna

ELEVATION



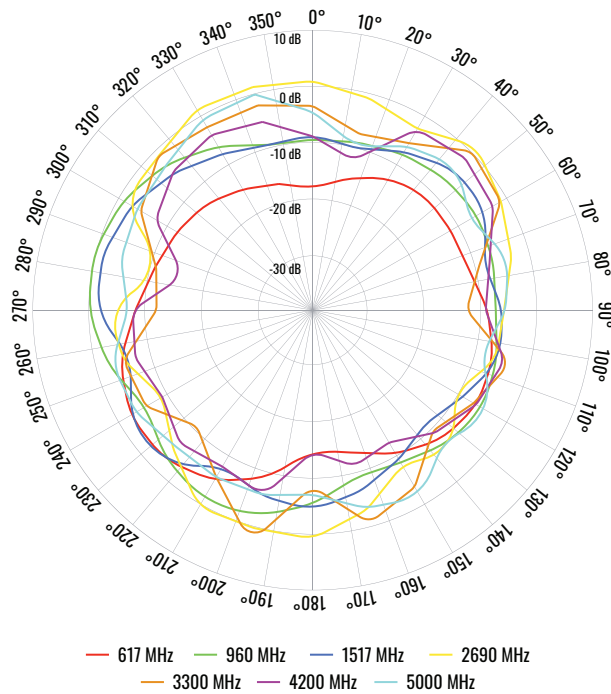
AZIMUTH



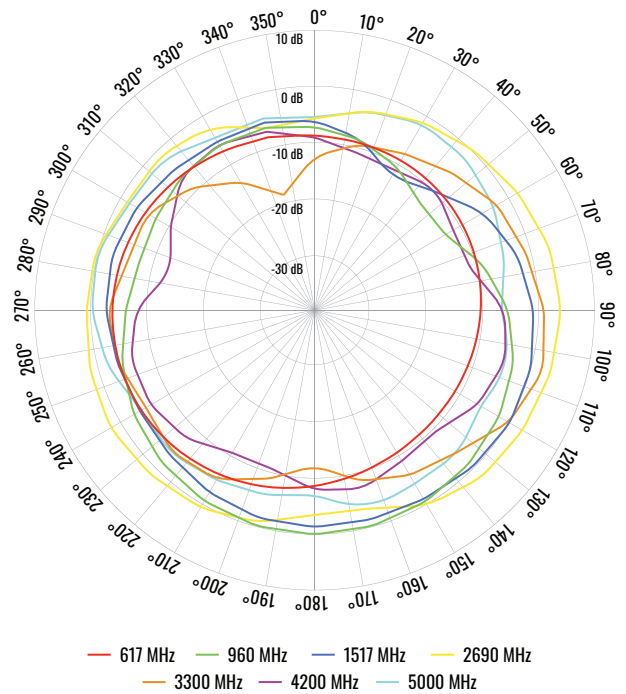
Radiation patterns

Mobile - 1 Antenna

ELEVATION

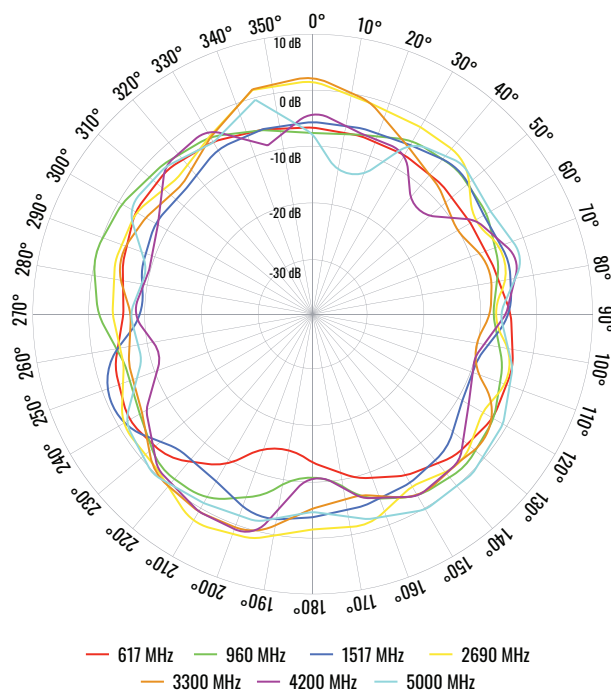


AZIMUTH

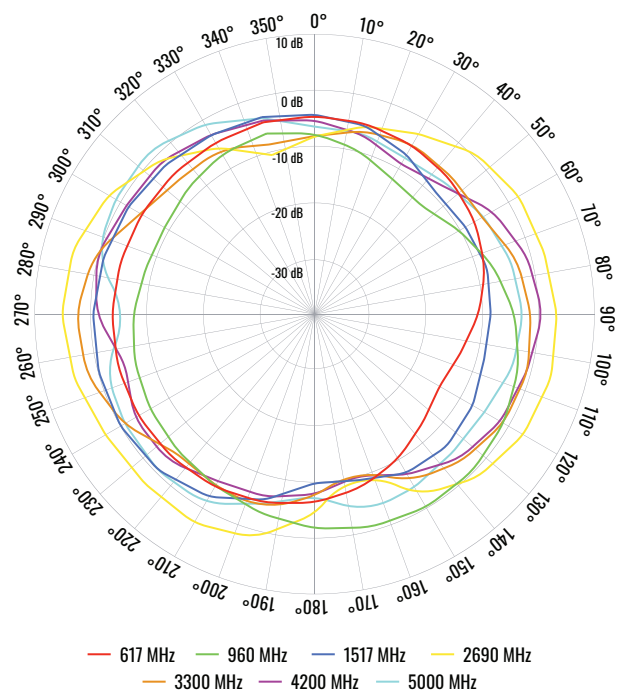


Mobile - 2 Antenna

ELEVATION



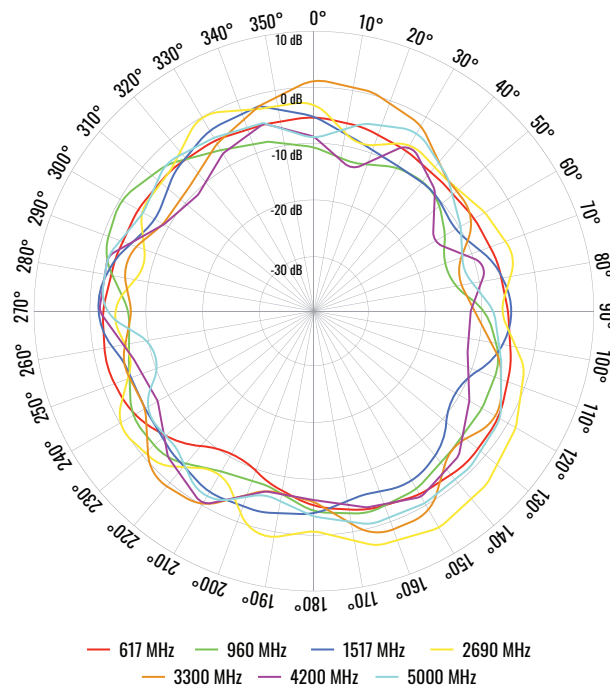
AZIMUTH



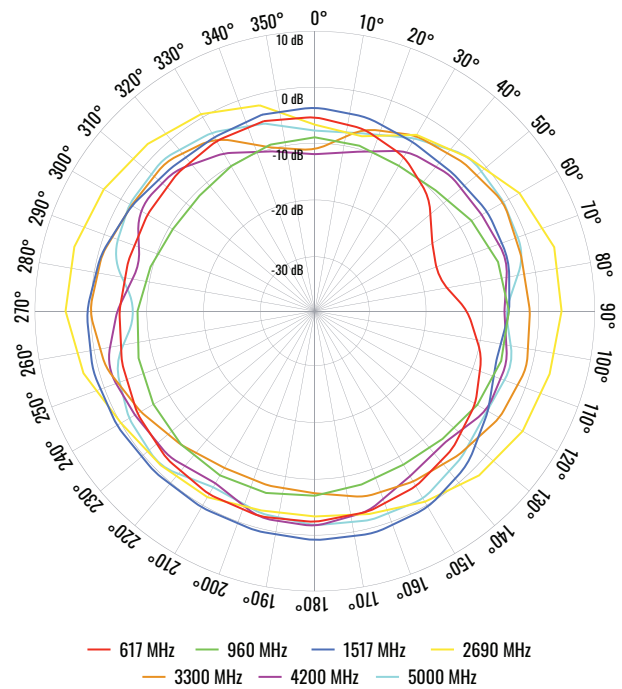
Radiation patterns

Mobile - 3 Antenna

ELEVATION

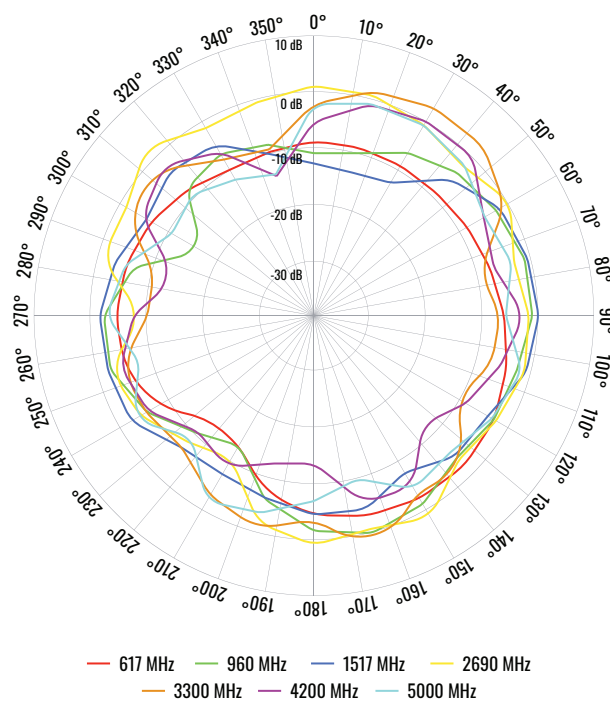


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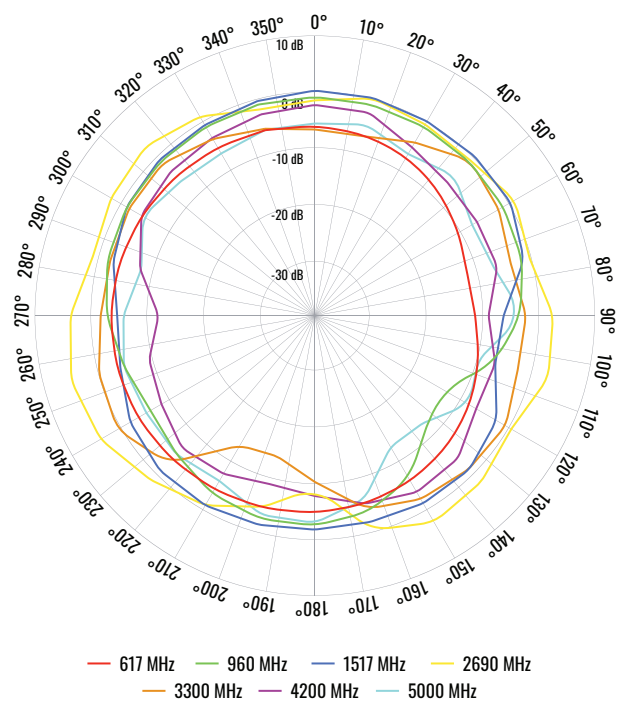


Mobile - 4 Antenna

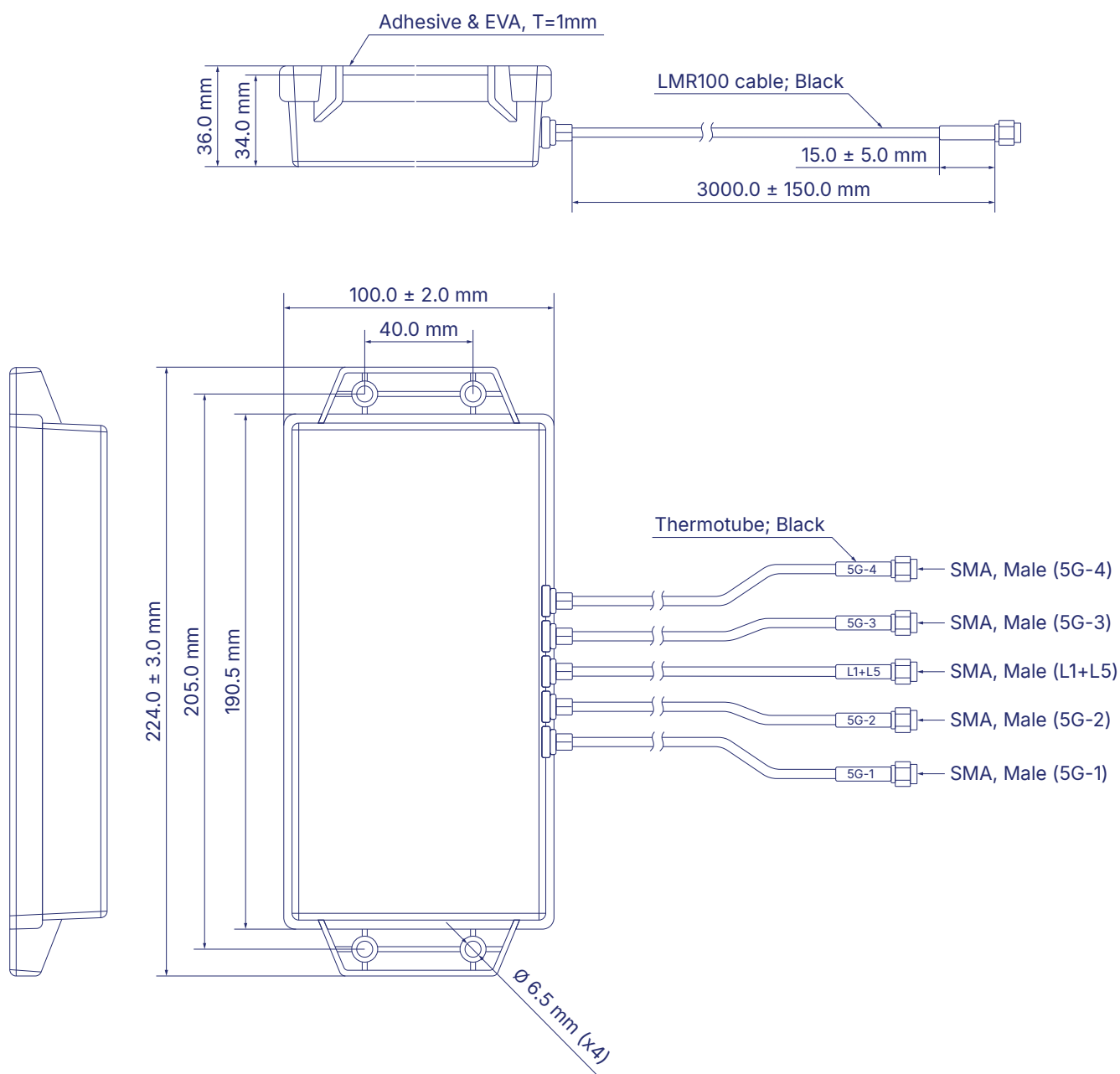
ELEVATION



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Spatial measurements



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