

COMBO QUAD MOBILE/GNSS ROOF SMA ANTENNA



Mechanical/Environmental

Mounting method	Screw
Radome ingress protection rating	IP65 (exclude cable outlet)
Radome material	UV resistant plastic and cable
Housing dimensions	Ø 110.0 x 53.0 mm
Cable	5x RG174, 3000 mm
Operating temperature	- 40 °C ~ +85 °C
Weight	525 ± 10 g
UV resistance	✓
RoHS compliant	✓

GNSS antenna

Frequency range	1575.42 ± 3 MHz
Polarization	RHCP
LNA gain	28 ± 2 dB
LNA noise figure	≤ 1.5 dB
V.S.W.R	< 2.0
Impedance	50 Ω

Supply voltage	3 – 5 VDC
Current consumption	< 15 mA
Connector type and count	SMA Male

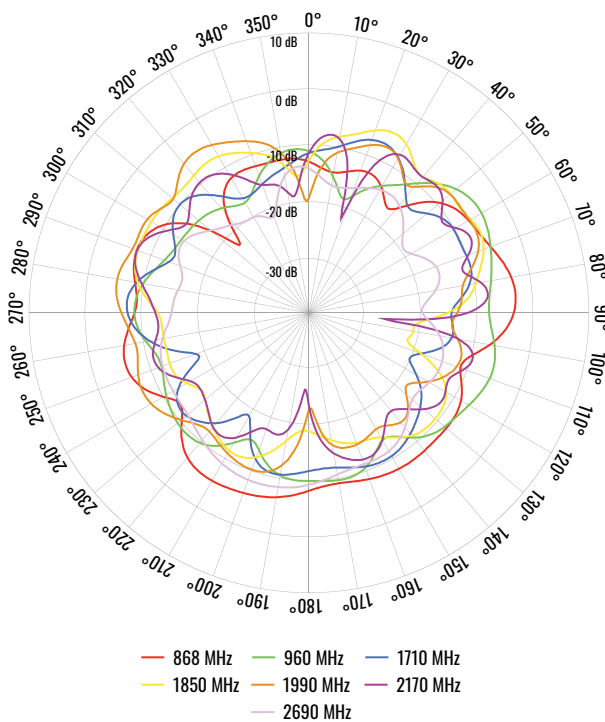
LTE MIMO antenna

Frequency range	698 – 960, 1710 – 2690 MHz
Polarization	Linear
Gain	3.0 dBi
V.S.W.R	< 3.0
Impedance	50 Ω
Connector type and count	4x SMA Male

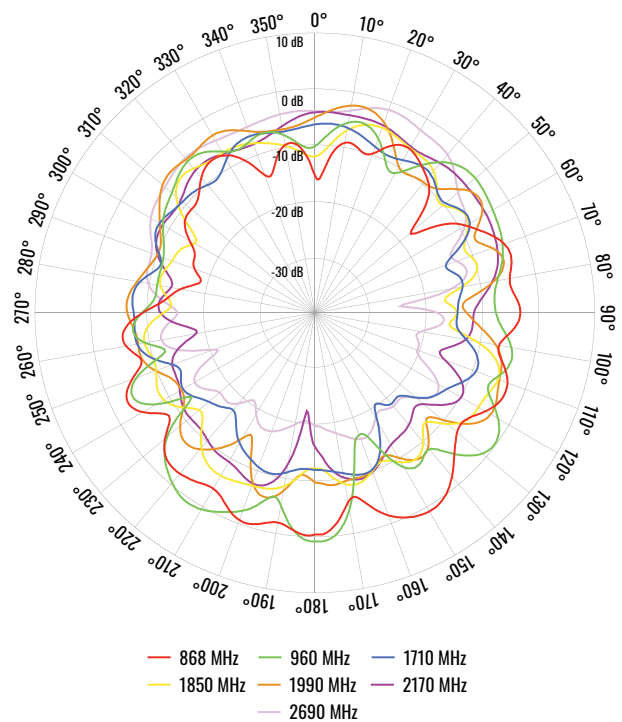
Radiation patterns

Mobile - 1 Antenna

ELEVATION



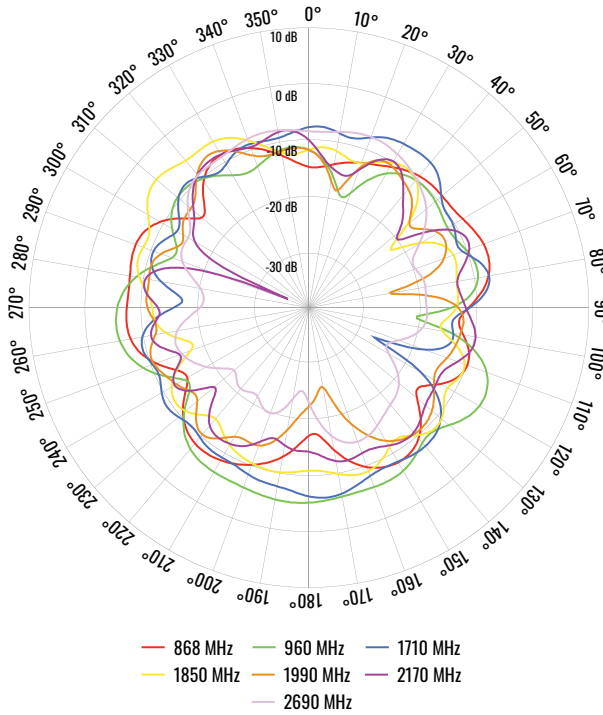
AZIMUTH



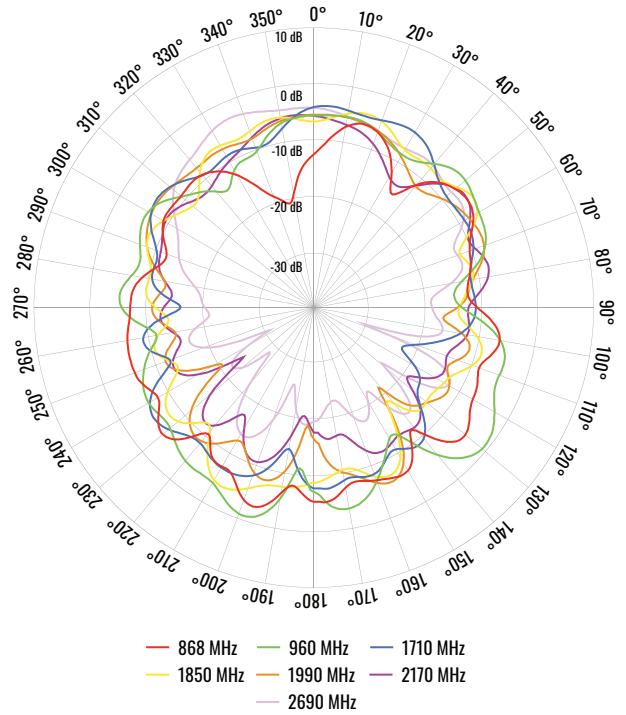
Radiation patterns

Mobile - 2 Antenna

ELEVATION

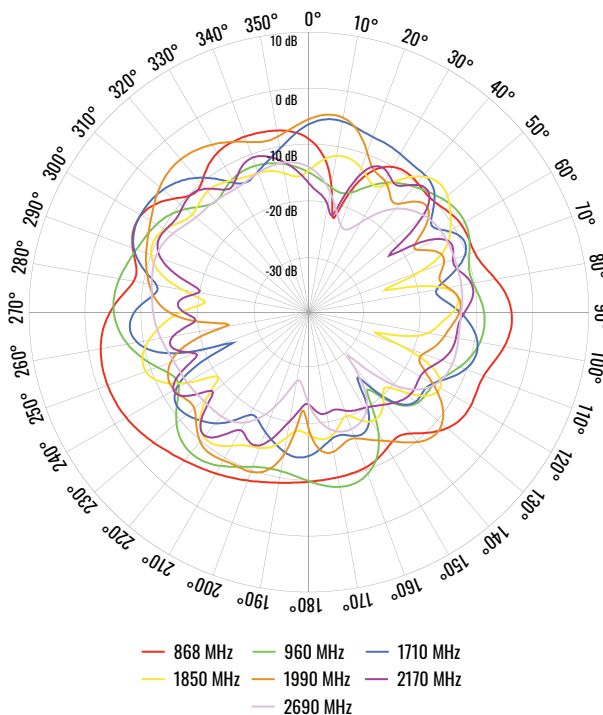


AZIMUTH

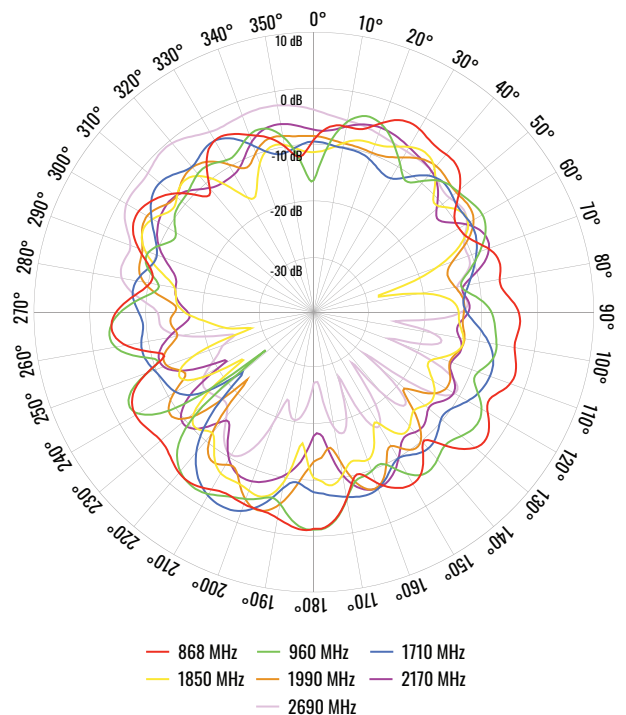


Mobile - 3 Antenna

ELEVATION



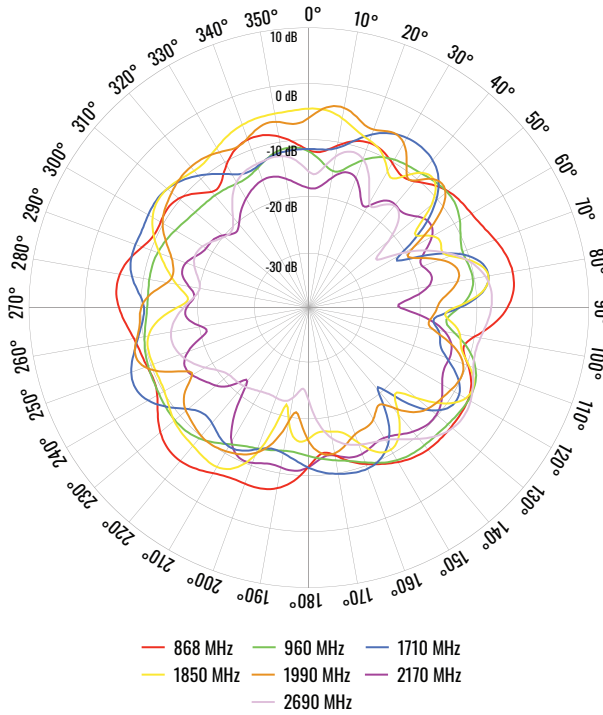
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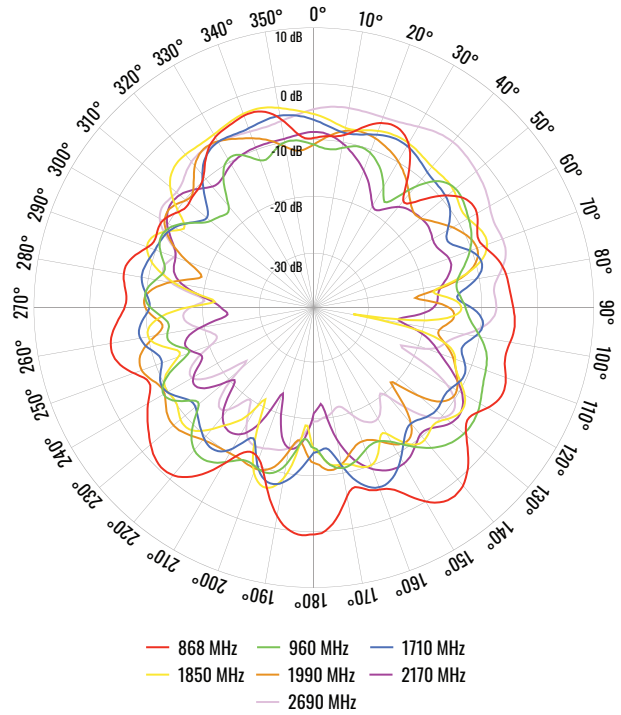
Radiation patterns

Mobile - 4 Antenna

ELEVATION

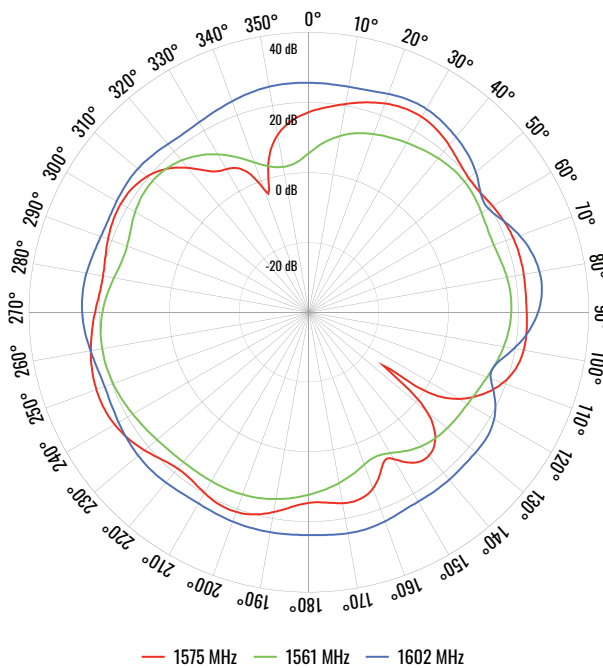


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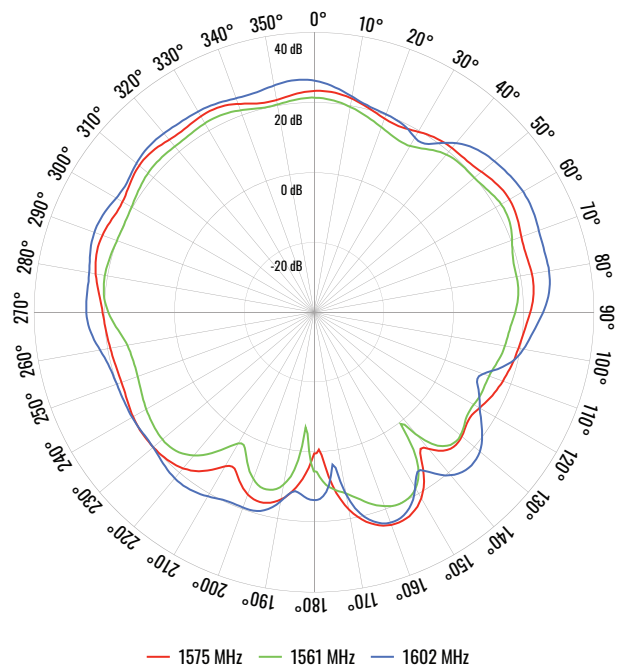


GNSS - 1 Antenna

ELEVATION



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Spatial measurements

