



GNSS/LTE MIMO/WIFI ANTENNA

Antenna LTE MIMO/GNSS/WiFi
Adhesive E316LM, 2.5 dBi, 1x FAKRA C (GNSS) 2x FAKRA D (LTE)
1x FAKRA Z

AO-AKOM-E316LMGF

SECTRON company offers a wide portfolio of GNSS/LTE/WIFI antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



BENEFITS

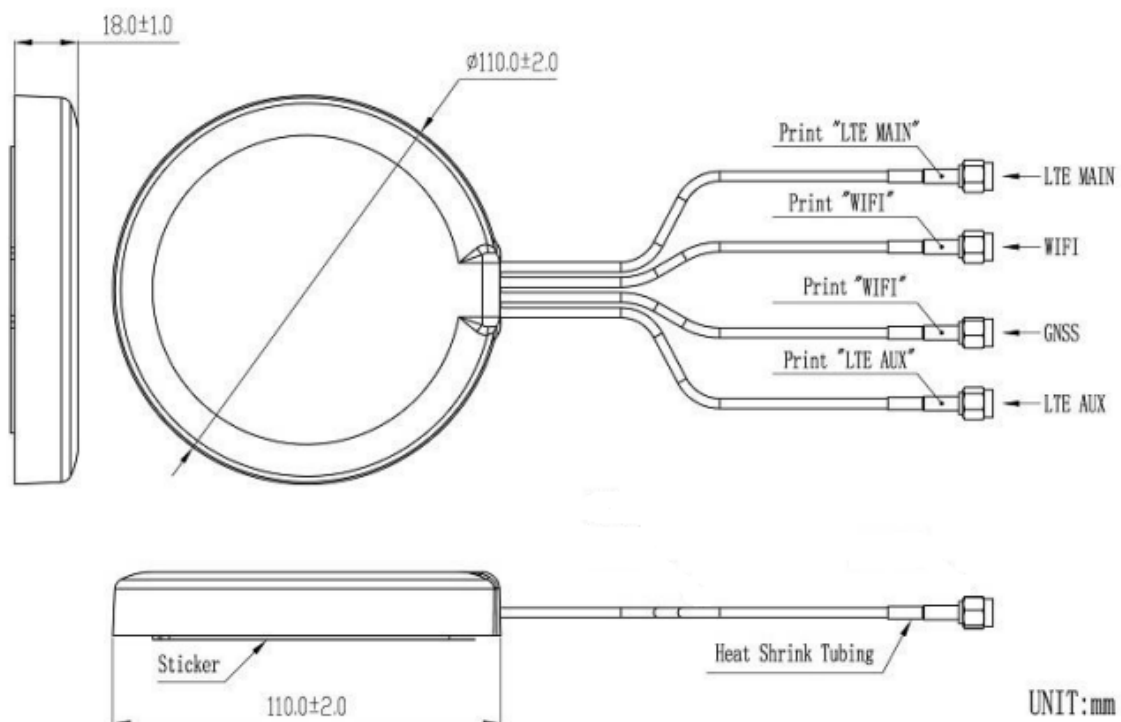
- Low VSWR
- High gain

FEATURES

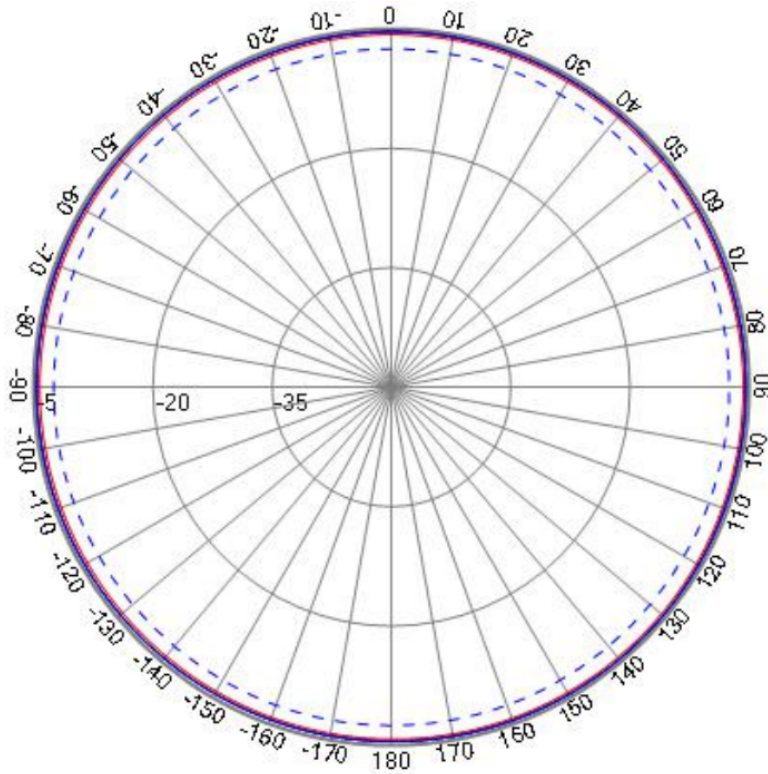
AO-AKOM-E316LMGF

Technology	GNSS/LTE MIMO/WIFI
Frequency bands	698-960/1561-1602/1710-2690/2400-2483.5/4900-5825 MHz
Gain	2.5 dBi
LNA Gain	28 dB
VSWR	<1.5:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	RHCP/Linear
Maximum input power	-
Power voltage	3 - 5 V
Dimensions	Ø110 x 18 mm
Weight	g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Adhesive
Cable type	4 x RG174/U
The cable length	3 m
Connector type	1x FAKRA C, 2x FAKRA D, 1x FAKRA Z
Certification	RoHS
IP code	IP67
Material	ABS

DRAWING



GNSS - RADIATION PATTERN - XY plane



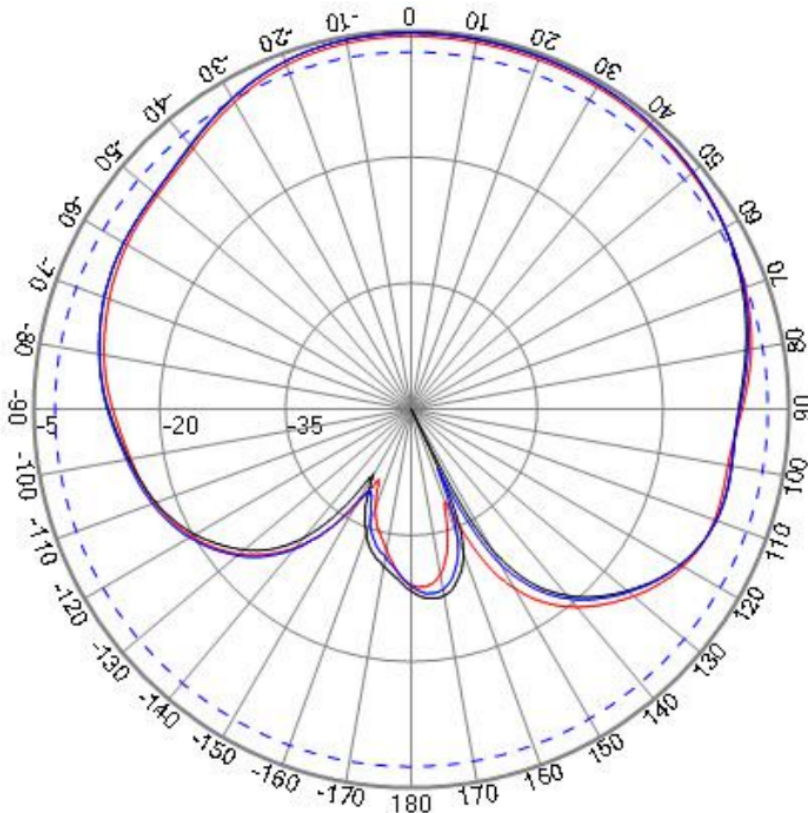
XY-PLANE

Freq: 1602

Freq: 1561

Freq: 1575

GNSS - RADIATION PATTERN - XZ plane



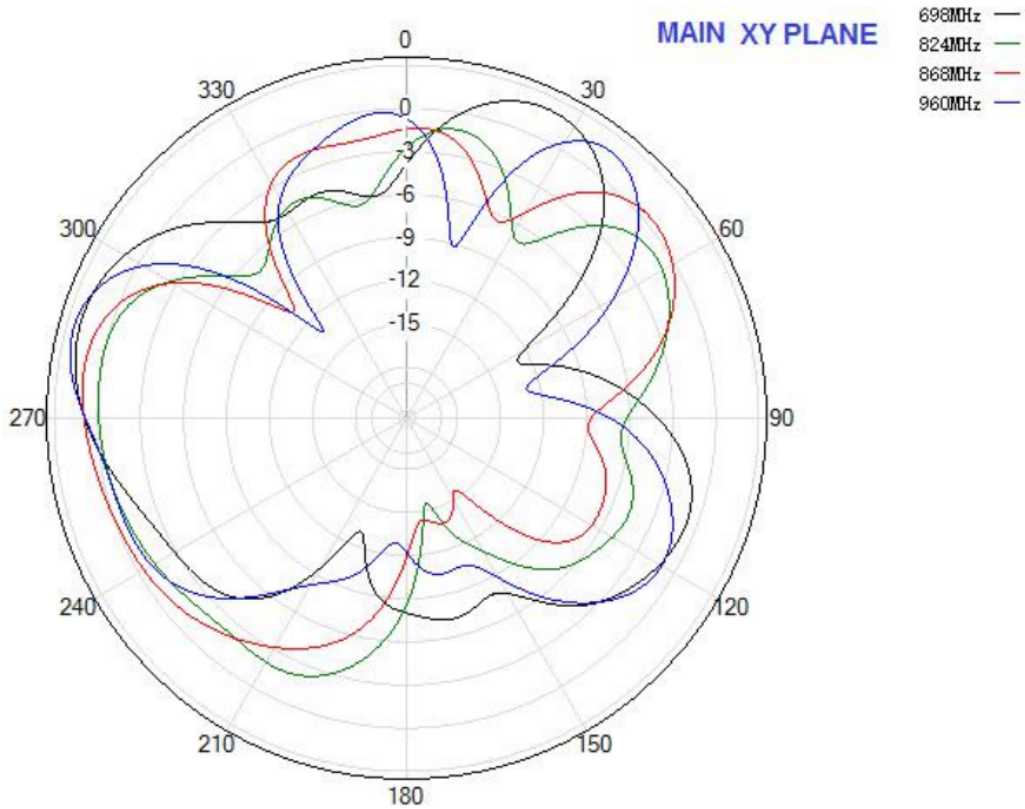
XZ-PLANE

Freq: 1602

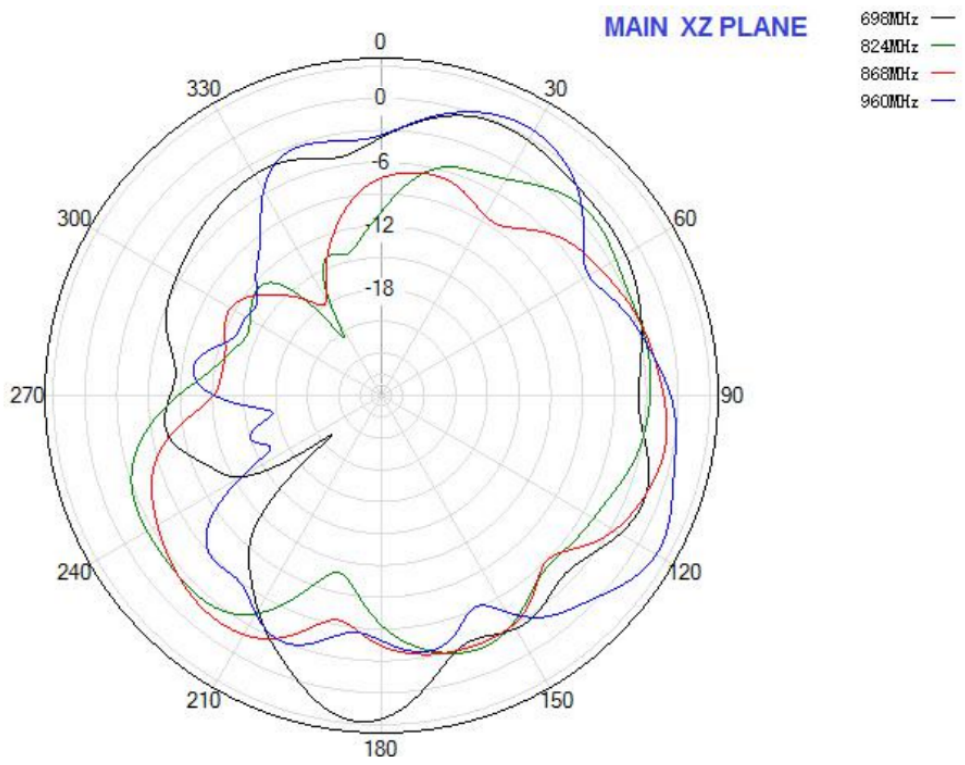
Freq: 1561

Freq: 1575

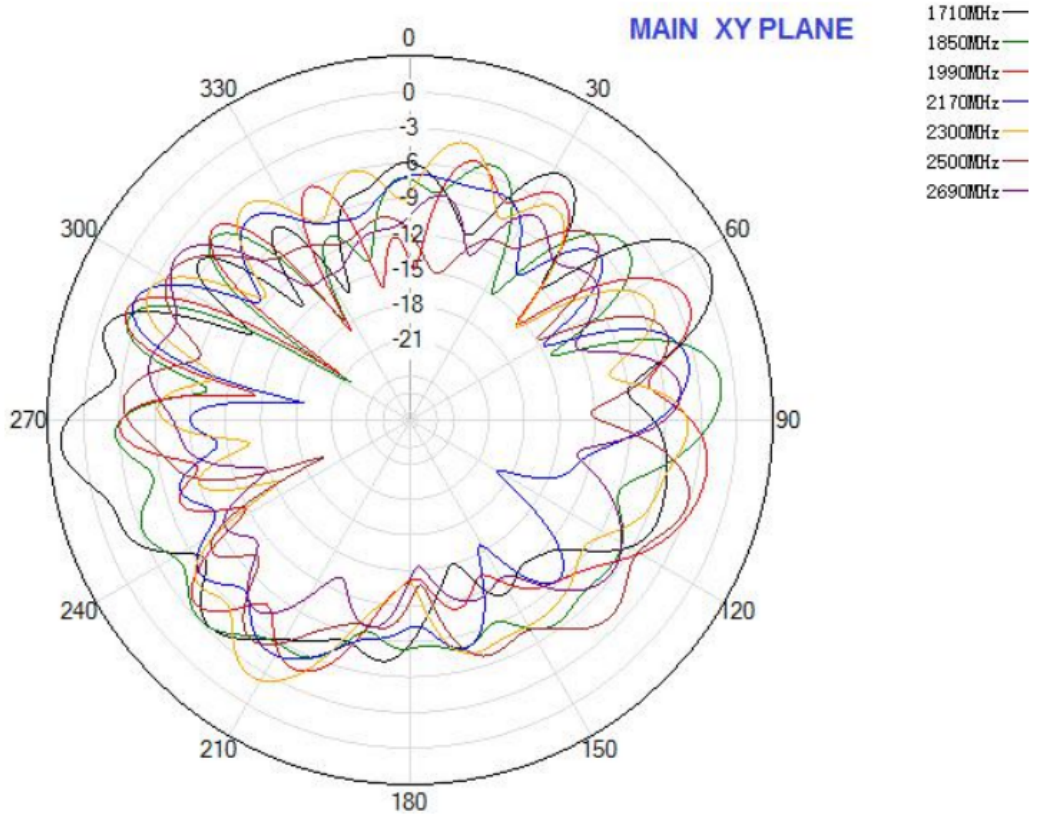
LTE - RADIATION PATTERN - XY plane



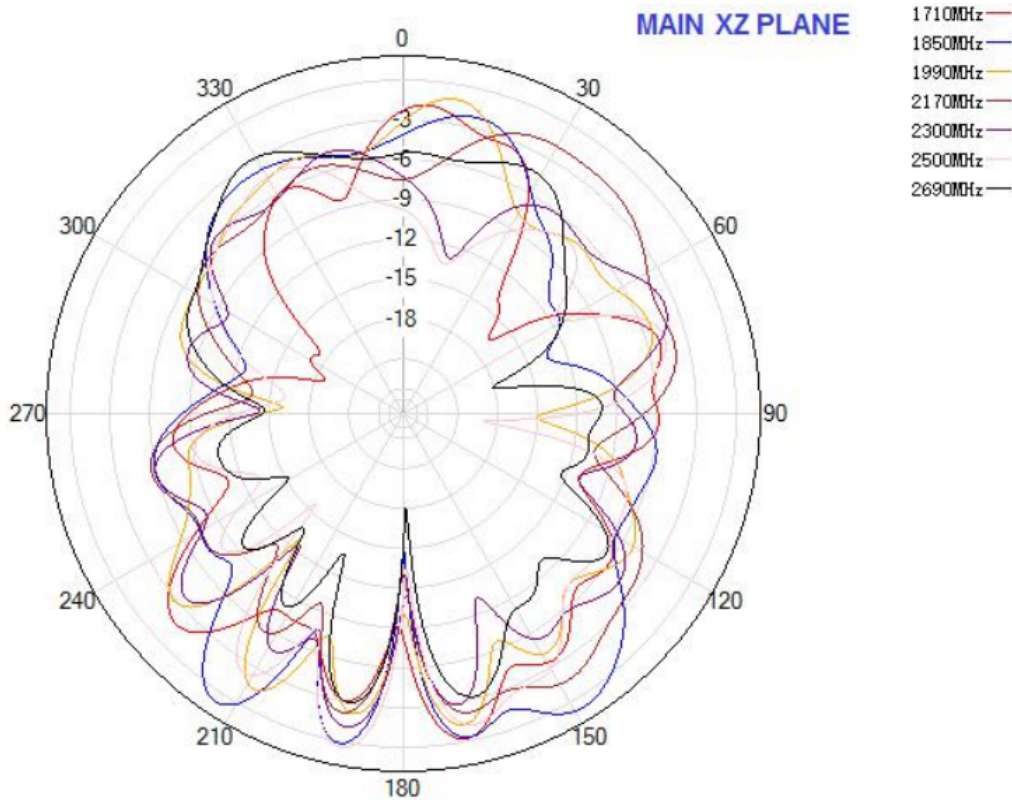
LTE - RADIATION PATTERN - XZ plane



LTE - RADIATION PATTERN - XY plane



LTE - RADIATION PATTERN - XZ plane



VARIANTS

AO-AKOM-E316LMGF

Different connector variants or cable lengths are available on request.

CONTACTS

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