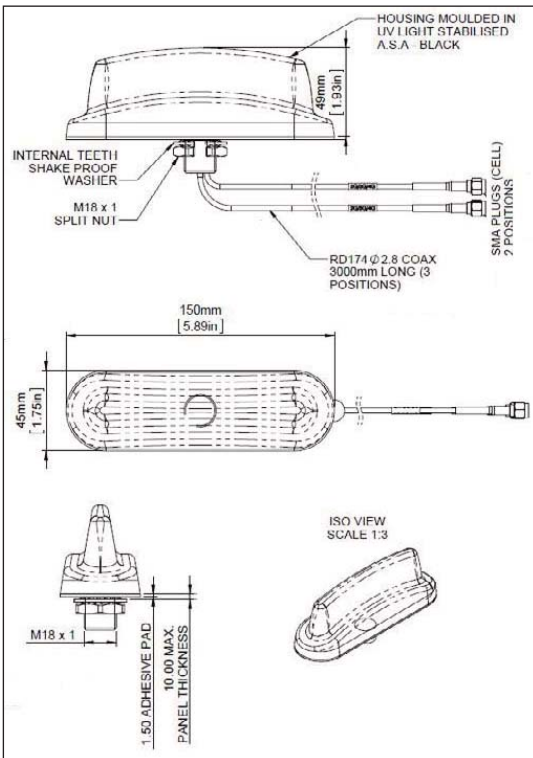


MC0114579 LTE/MiMo Antenna

698-960/1710-2170/2500-3800 MHz

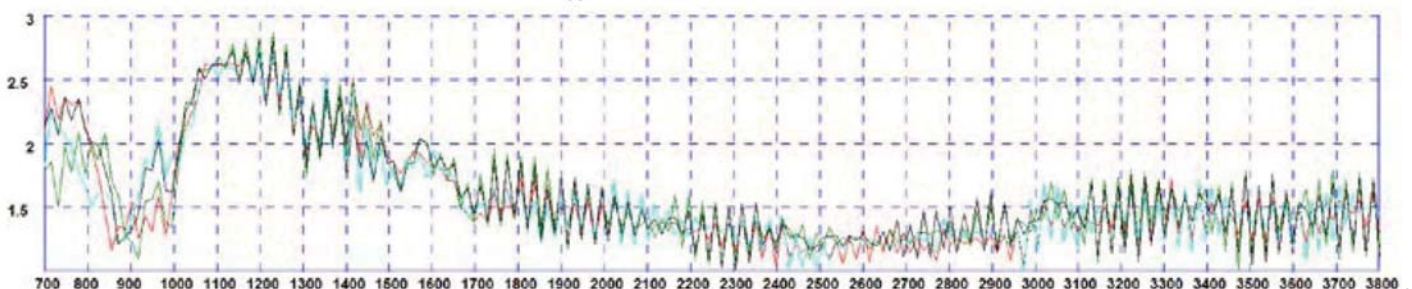
GSM/UMTS/WLAN/LTE



Technical Data:

Frequency Range:	698-960/1710-3800 MHz
Peak Gain:	1.5dBi/4.5dBi
Pattern:	Omni-directional
Polarisation:	Vertical
Impedance:	50Ω
Max Input Power:	20W
Dimension:	49x150x45mm
Operating Temperature:	-30°C to +70°C
Material:	UV Stable ABS Plastic
Colour:	Black
Fixing:	18mm mounting bush and acrylic adhesive pad
Weight:	337g
Cable Type:	RG174
Length:	3m
Connector:	2x SMA (male)

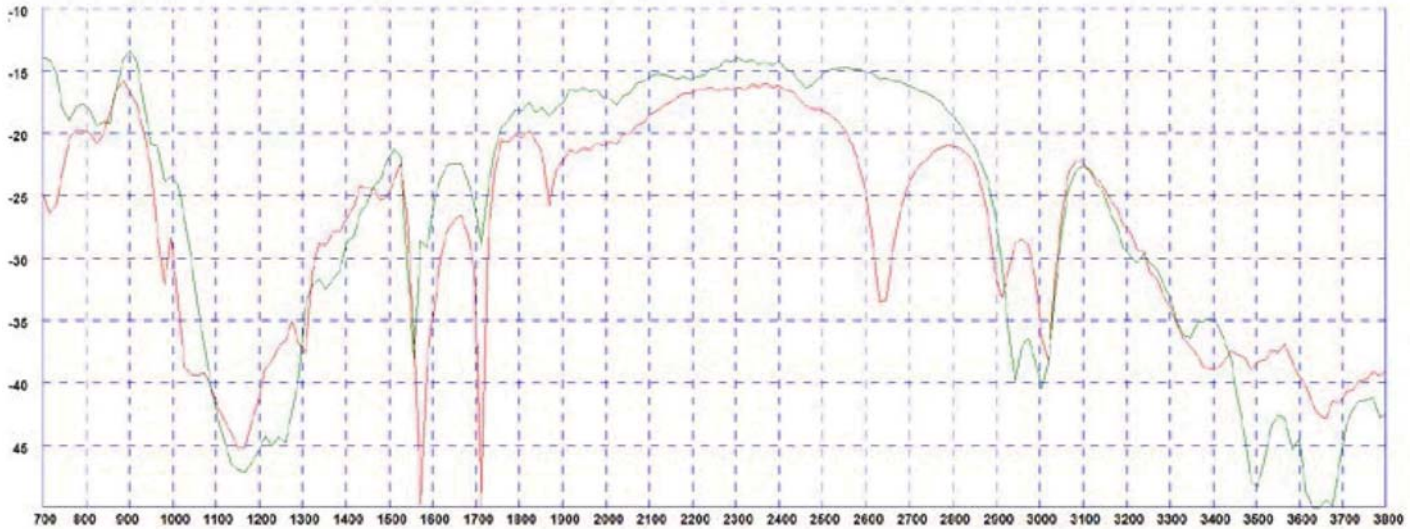
Typical VSWR - Elements 1&2*



* VSWR measured with 3m (10') of RG174 cable Green and Red Plots = Elements 1&2 in free space Black and Blue plots = Elements 1&2 on a 400x400mm ground plane

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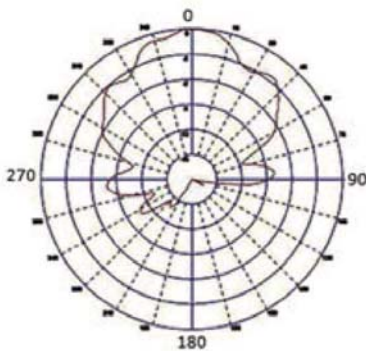
Typical Isolation - Elements 1&2*



*Isolation measured with 3m (10') of RG174 cable Red Plot = mounted on a 400x400mm (1' 4" x 1'4") ground plane Green Plot = free space

Typical Radiation Pattern -GPS/GNSS Element 3

Element 3: Typical E Plane Pattern (1602MHz)

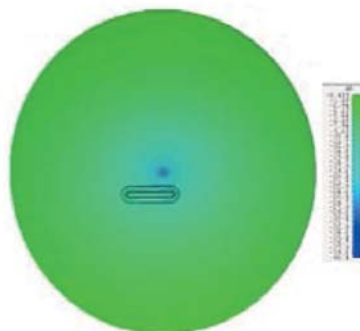


Typical 3D Radiation Patterns - Cell / LTE Elements 1&2

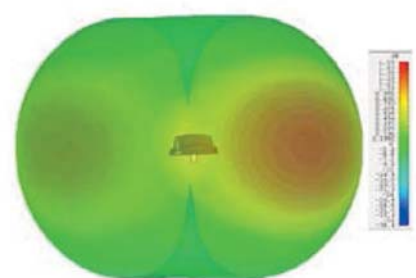
3D Gain Plot Side (700MHz)



3D Gain Plot Top (700MHz)

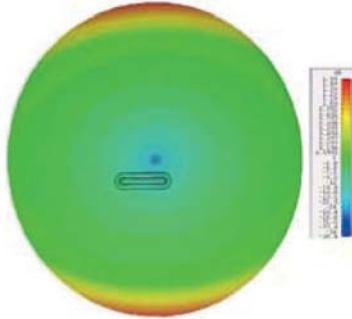


3D Gain Plot Side (800MHz)

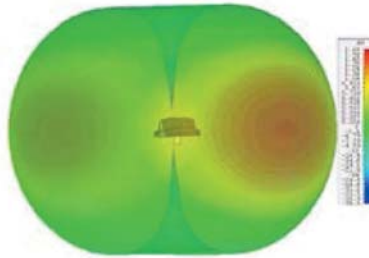


MC0114579 LTE/MiMo Antenna

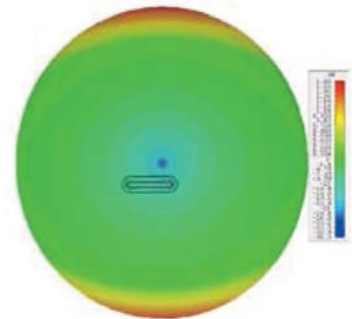
3D Gain Plot Top (800MHz)



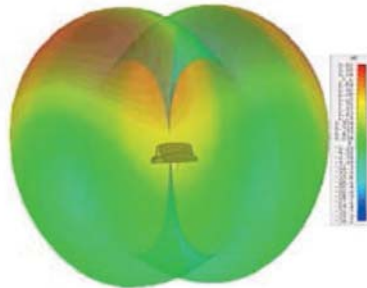
3D Gain Plot Side (900MHz)



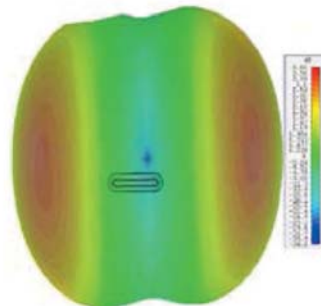
3D Gain Plot Top (900MHz)



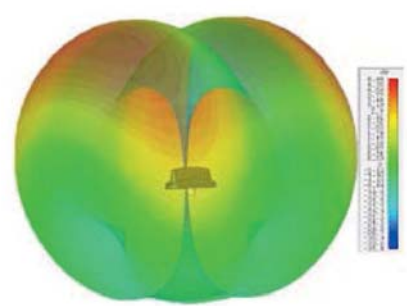
3D Gain Plot Side (1800MHz)



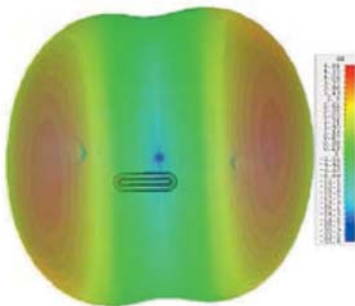
3D Gain Plot Top (1800MHz)



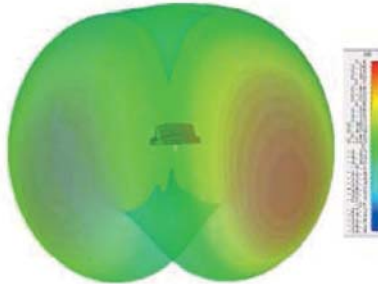
3D Gain Plot Side (2100MHz)



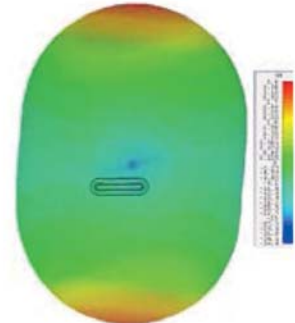
3D Gain Plot Top (2100MHz)



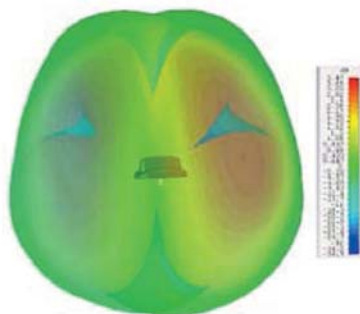
3D Gain Plot Side (2600MHz)



3D Gain Plot Top (2600MHz)



3D Gain Plot Side (3600MHz)



3D Gain Plot Top (3600MHz)

