



# 698-960, 1710-2700 MHz LTE ANTENNA

Part Numbers: 2195890-1

## FEATURES & BENEFITS

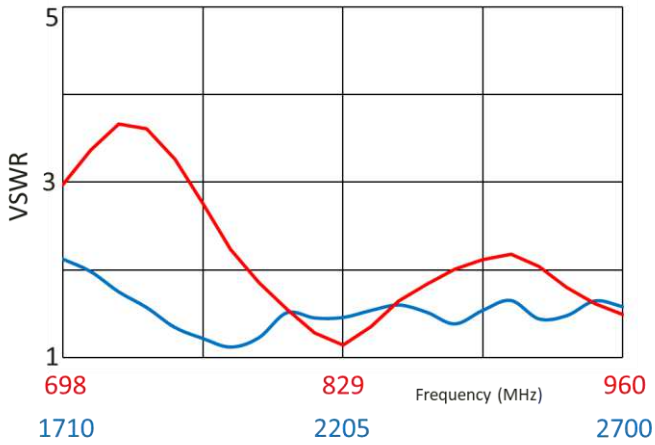
- 2G, 3G, 4G, NB-IoT, LoRa, Sigfox, Wi-Fi 2.4, ZigBee, Bluetooth
- External chassis mount antenna
- ROHS compliant

## SPECIFICATIONS

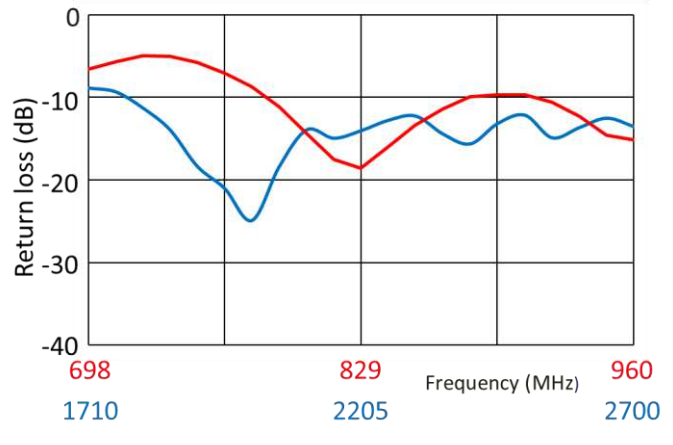
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 3.7:1	< 2.2:1
Average Efficiency	62%	64%
Peak Gain	3.2dBi	3.9dBi
Average Gain	-2.2dBi	-2.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms	
Polarization	Linear	
Size	115.0mm x ø 10.0 (mm)	
Weight	< 17.2 g	
Mounting	Terminal mount	
Mating Connector	SMA Female	
Cable	N/A	
Operating Temperature	-40 to +85°C	
Storage Temperature	-40 to +85°C	
Hazardous Materials	A certificate of conformance is available from the product page on TE website.	

## RF DATA

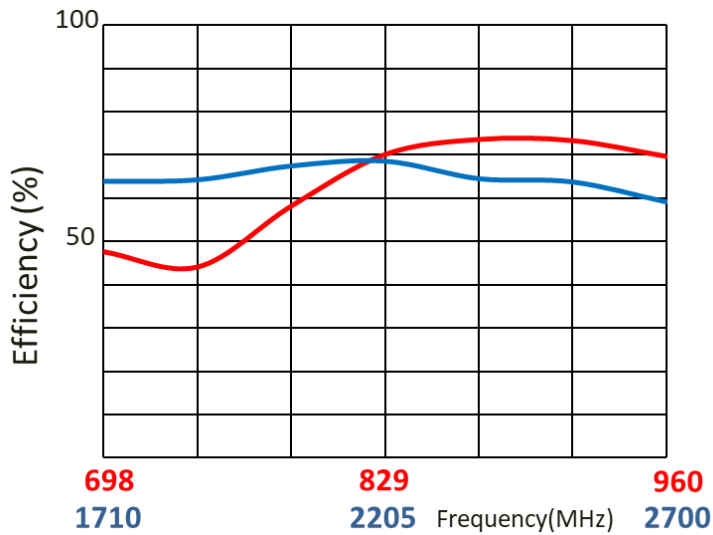
### VSWR



### Return Loss

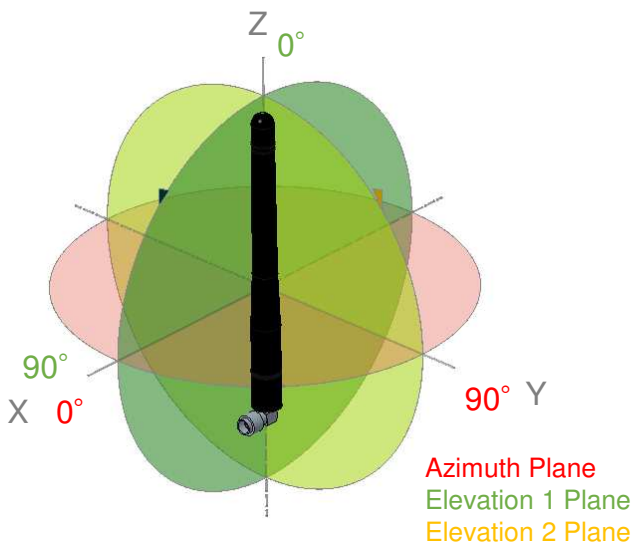


### Efficiency

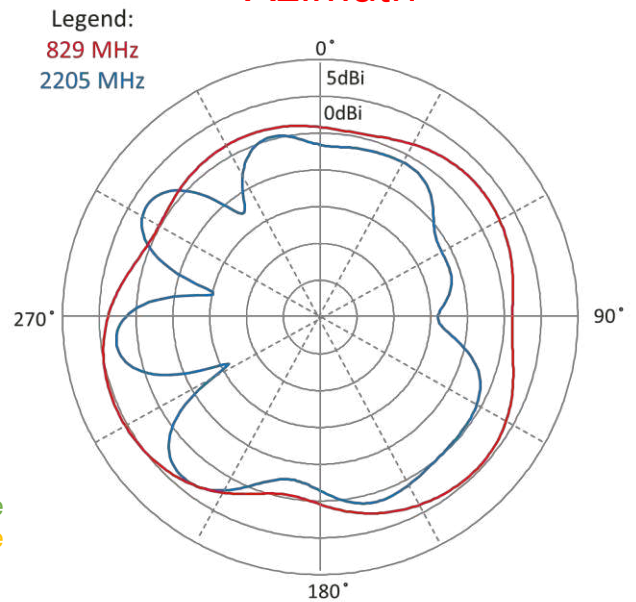


# RADIATION PATTERN

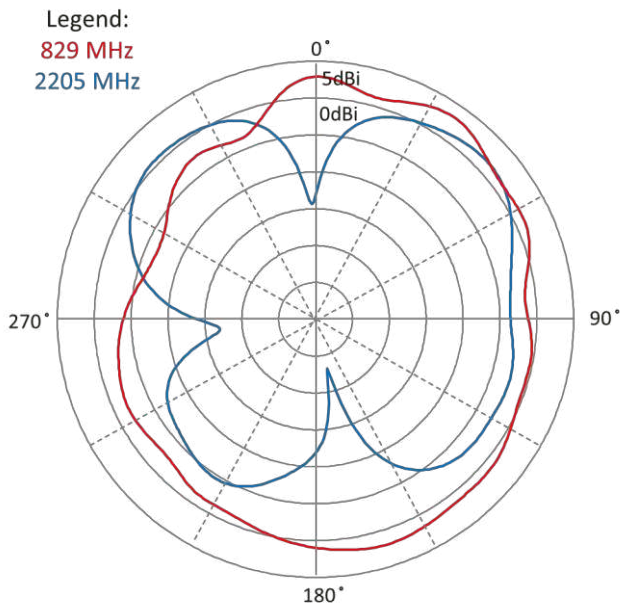
## Test setup



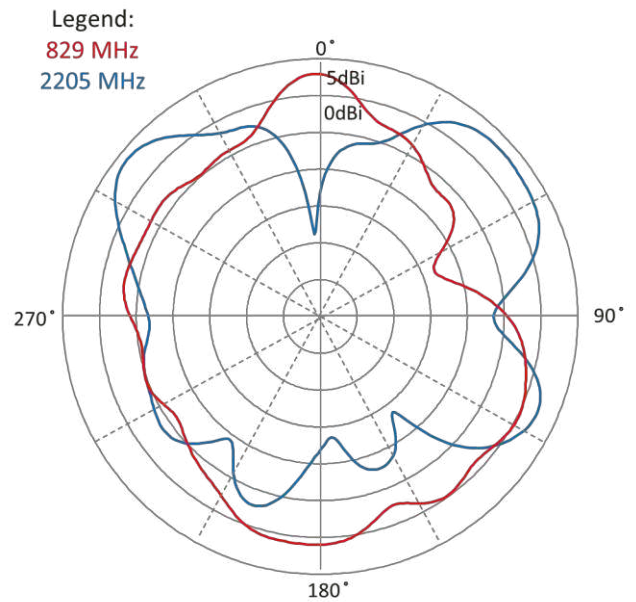
## Azimuth



## Elevation 1



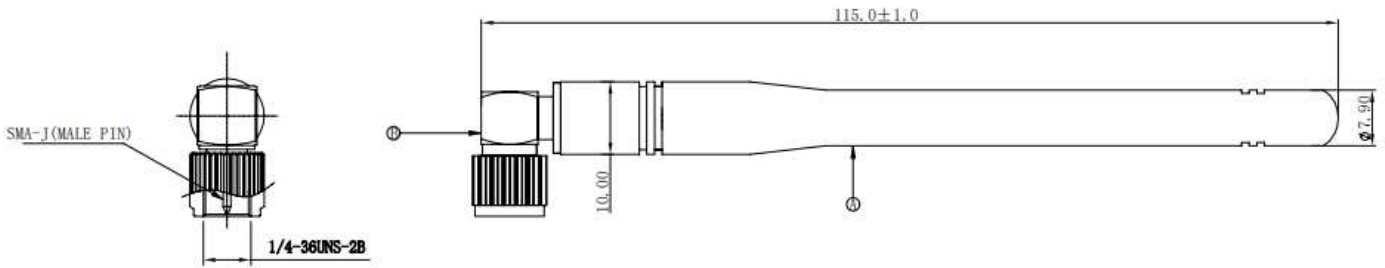
## Elevation 2



# 698-960, 1710-2700 MHz EXTERNAL ANTENNA

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## DIMENSIONS

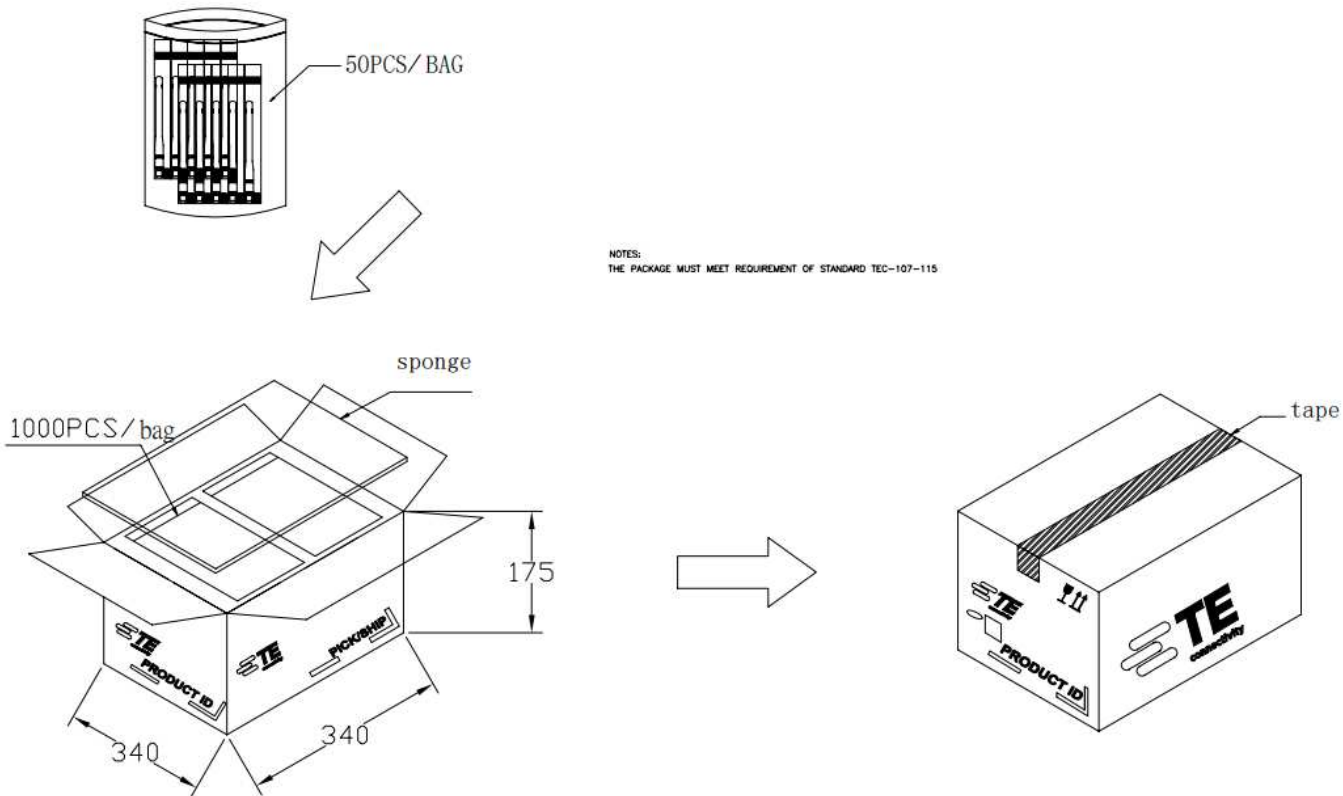


Dimensions: mm  
Diagram is not to scale

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## PACKAGING



### TE TECHNICAL SUPPORT CENTER

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