



# 698-960 & 1710-2700 MHz LTE WORLD BAND ANTENNA

Part Numbers: 2361492-1, 2361492-2

## FEATURES & BENEFITS

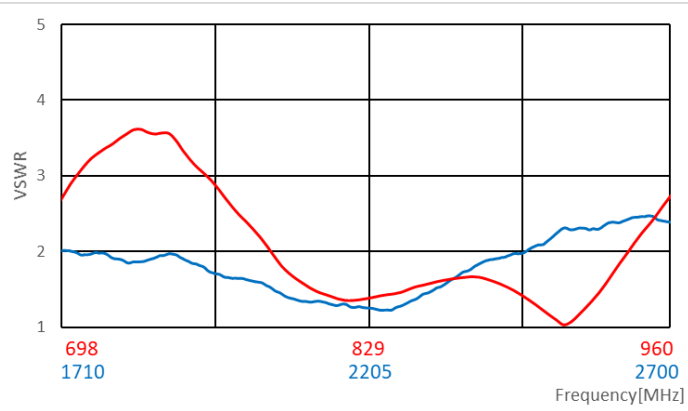
- Adhesive backing on the PCB simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

## SPECIFICATIONS

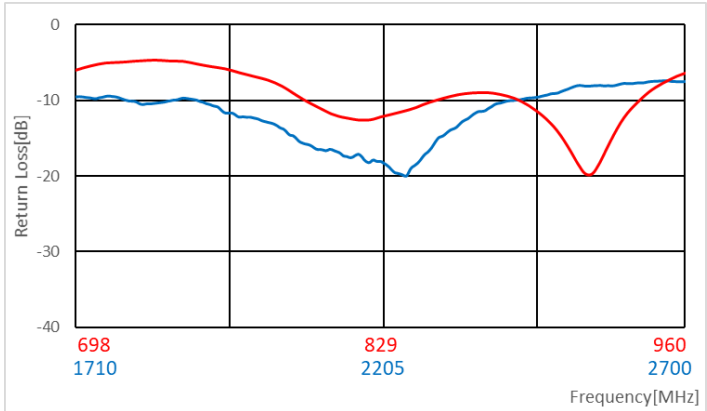
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 3.6:1	< 2.5:1
Efficiency	80%	70%
Average Gain	-2.0dBi	-2.0dBi
Peak Gain	3.0dBi	4.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 1.0 mm	
Weight	< 2.9 g	
Mounting	Adhesive Tape	
Mating Connector	MHF-type, refer to page6	
Cable (coaxial)	1.13mm Dia. Refer to page6	
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

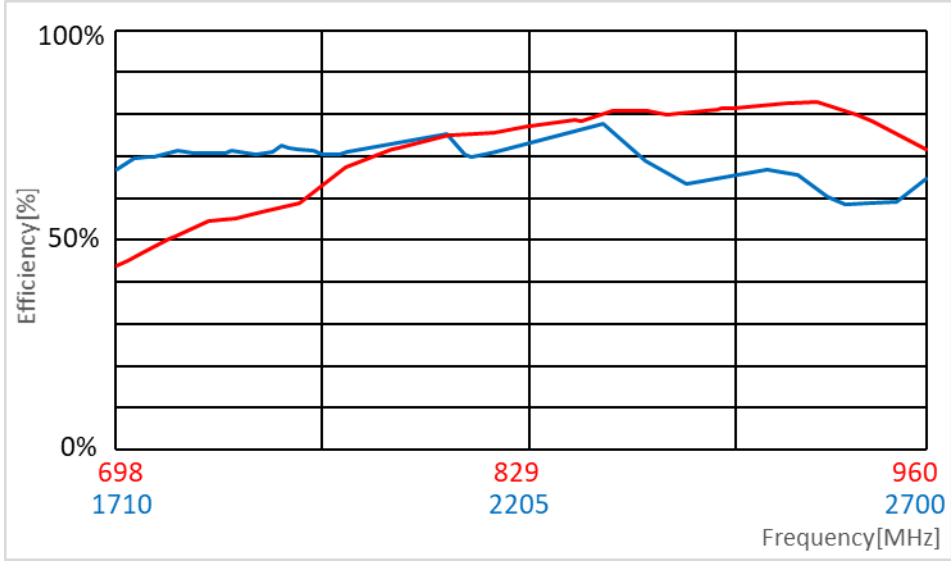
### VSWR



### Return Loss

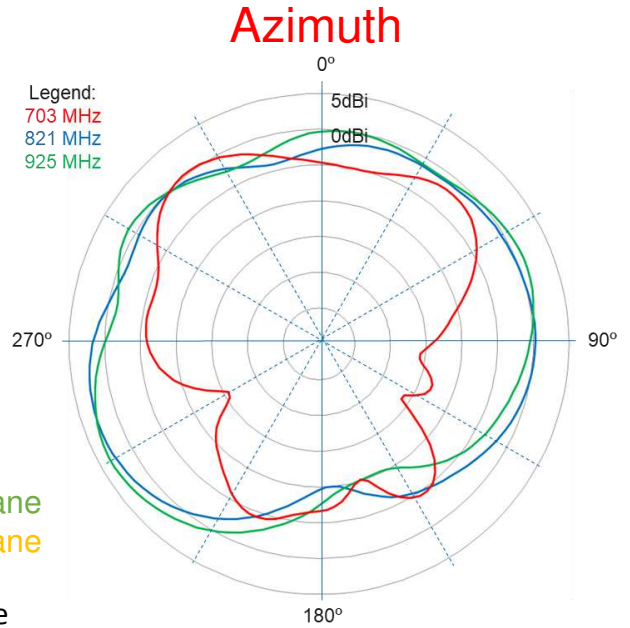
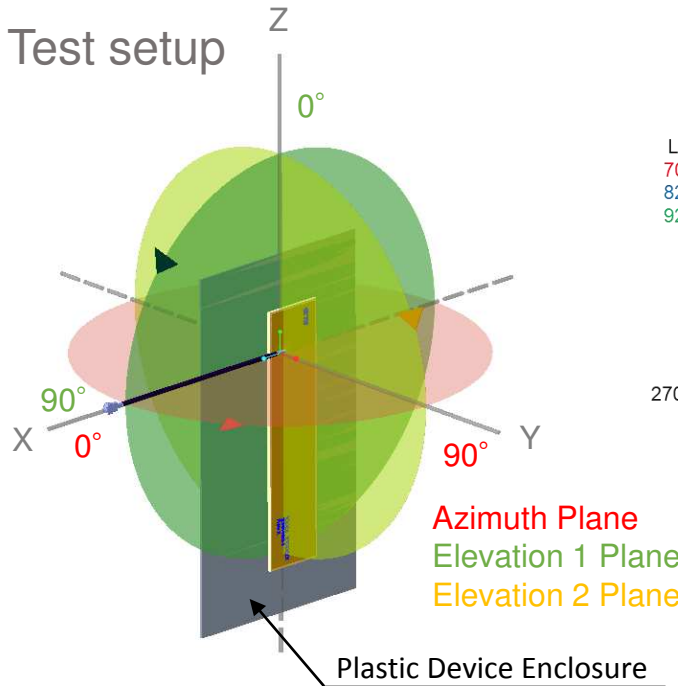


### Efficiency

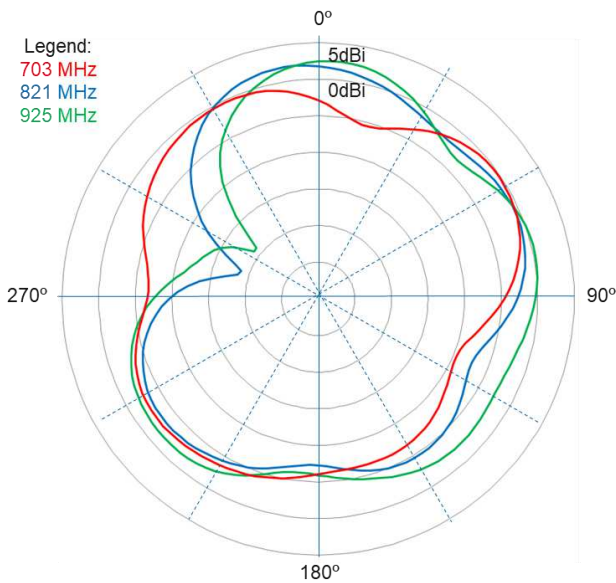


Data measured in free space and on plastic device enclosure

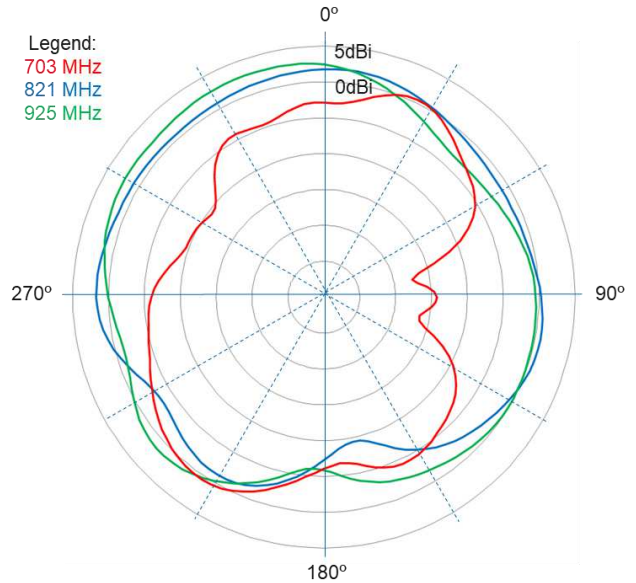
# RADIATION PATTERN



## Elevation 1

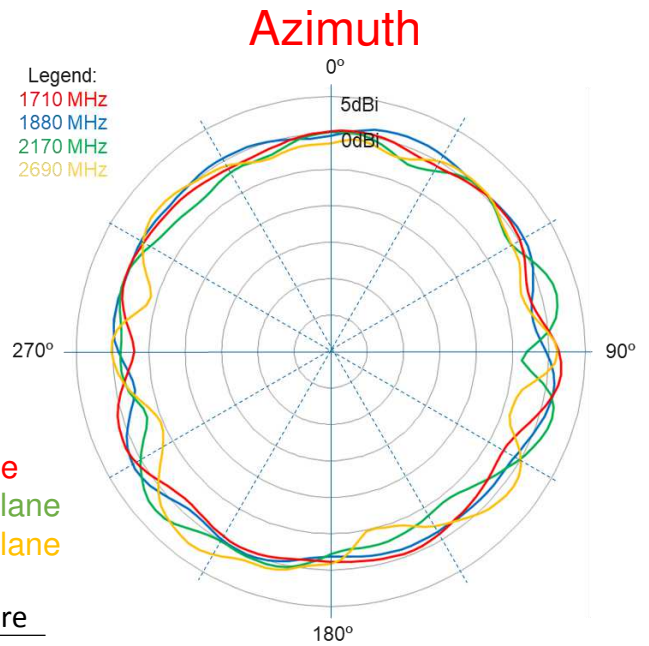
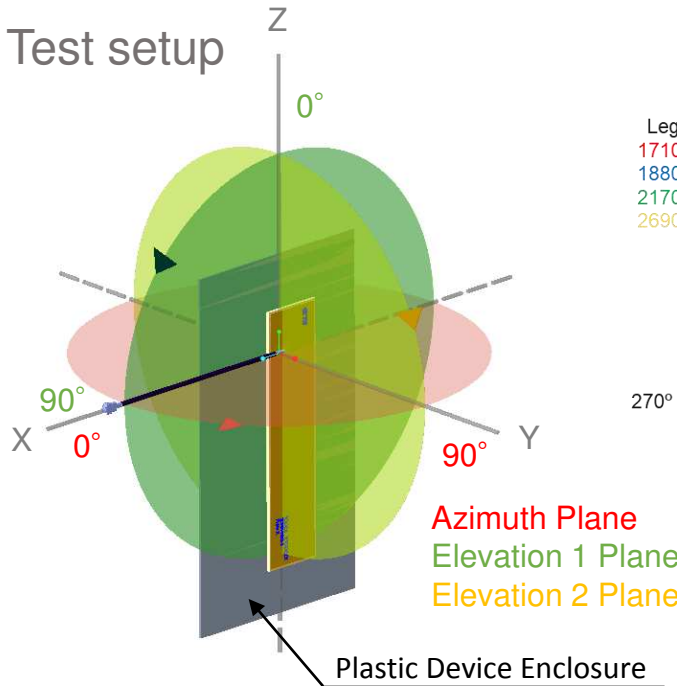


## Elevation 2



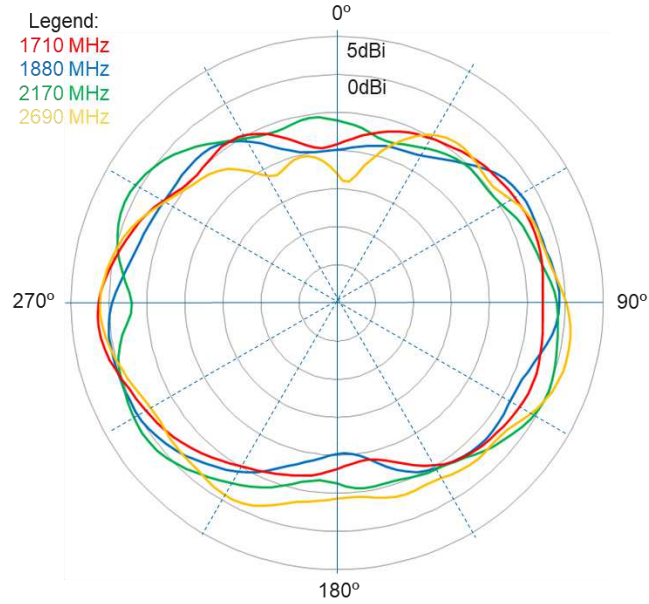
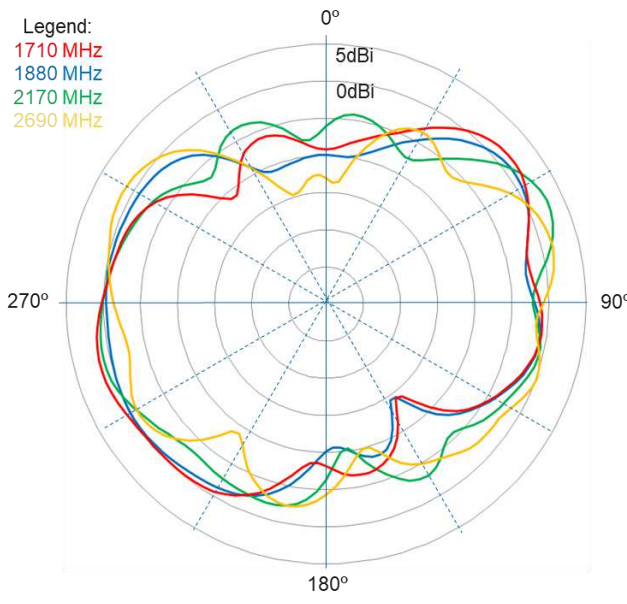
Data measured in free space and on plastic device enclosure

# RADIATION PATTERN



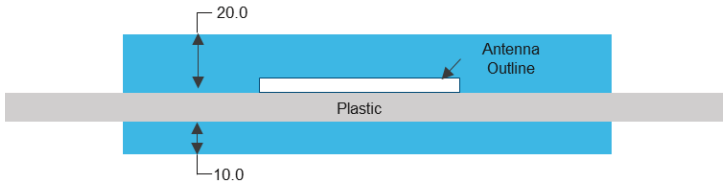
Elevation 1

Elevation 2



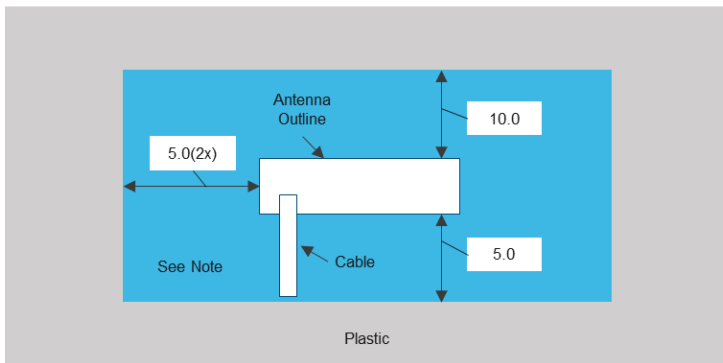
Data measured in free space and on plastic device enclosure

## KEEP OUT AREA



### NOTES

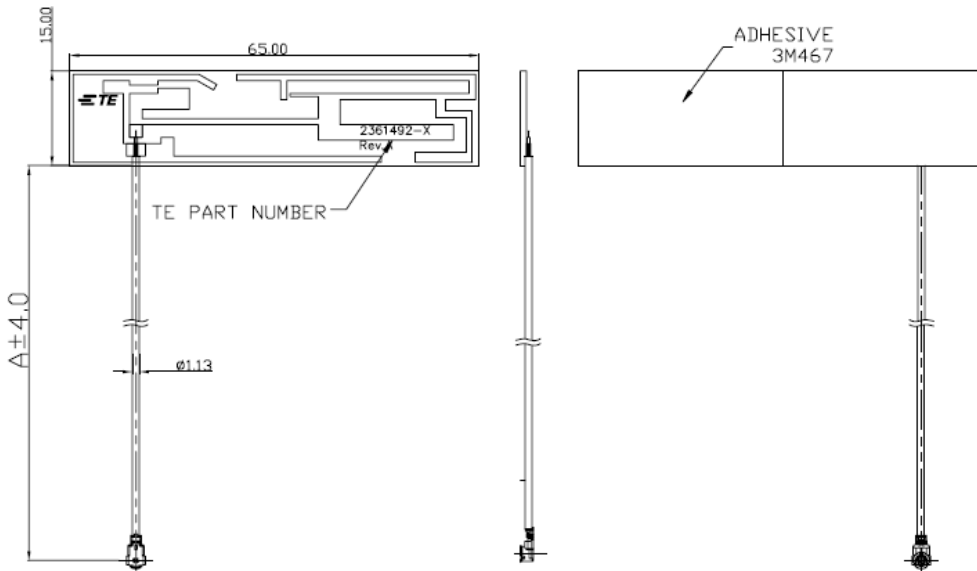
1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.



Dimension: mm

Diagram is not to scale

## DIMENSIONS



Dimensions: mm

Diagram is not to scale