



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

Part Numbers: 2367286-1, 2367286-2

## FEATURES & BENEFITS

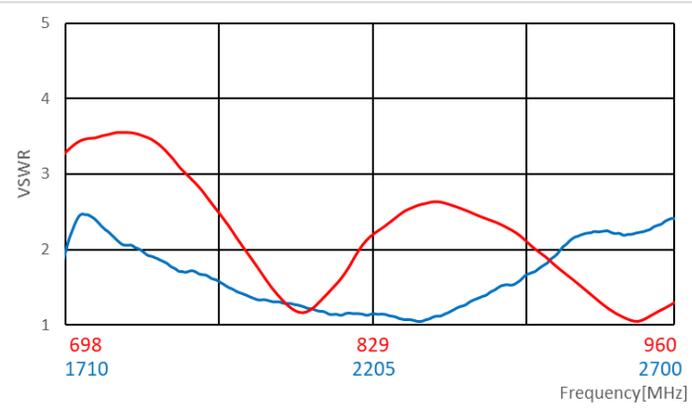
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

## SPECIFICATIONS

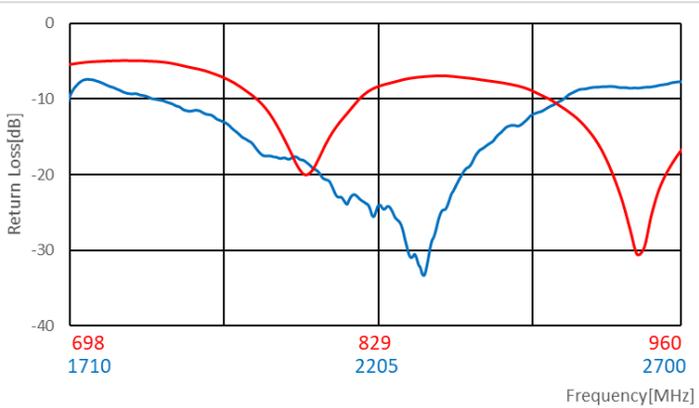
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 3.6:1	< 2.5:1
Efficiency	55%	60%
Average Gain	-2.7dBi	-2.5dBi
Peak Gain	3.0dBi	3.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 0.2 mm	
Weight	< 2.0 g	
Mounting	Adhesive Tape	
Mating Connector	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

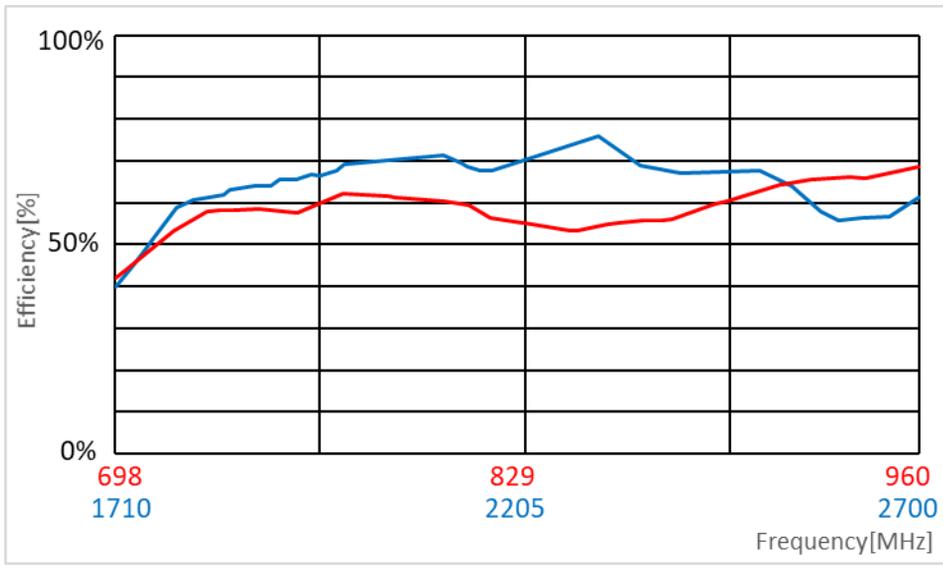
### VSWR



### Return Loss

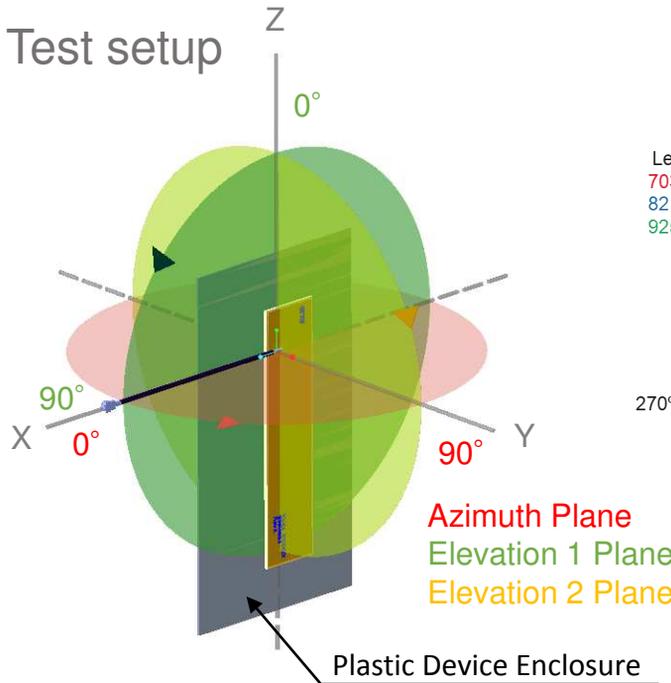


### Efficiency

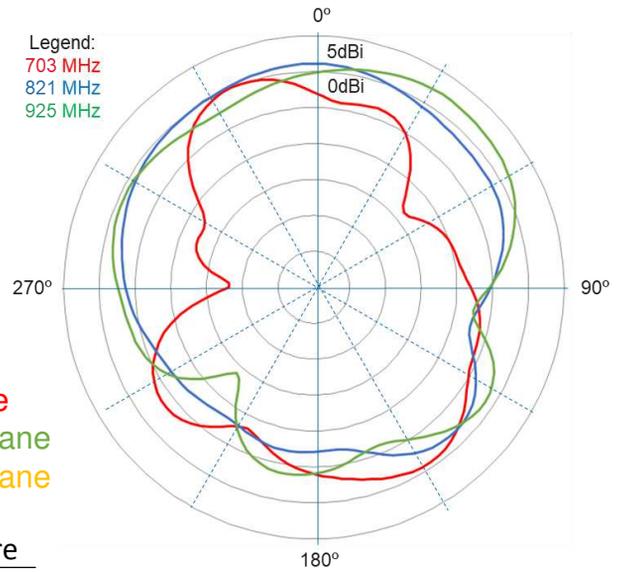


Data measured in free space and on plastic device enclosure

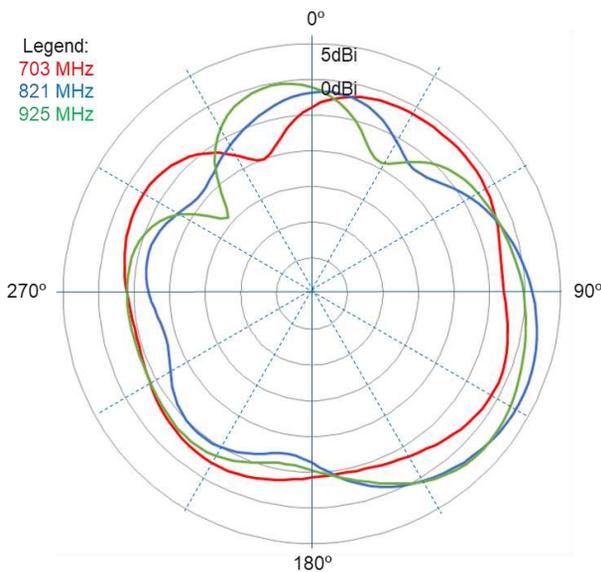
## RADIATION PATTERN



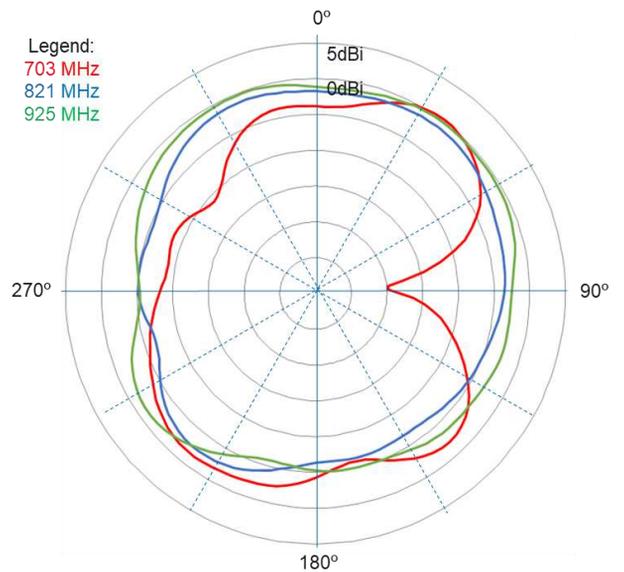
### Azimuth



### Elevation 1

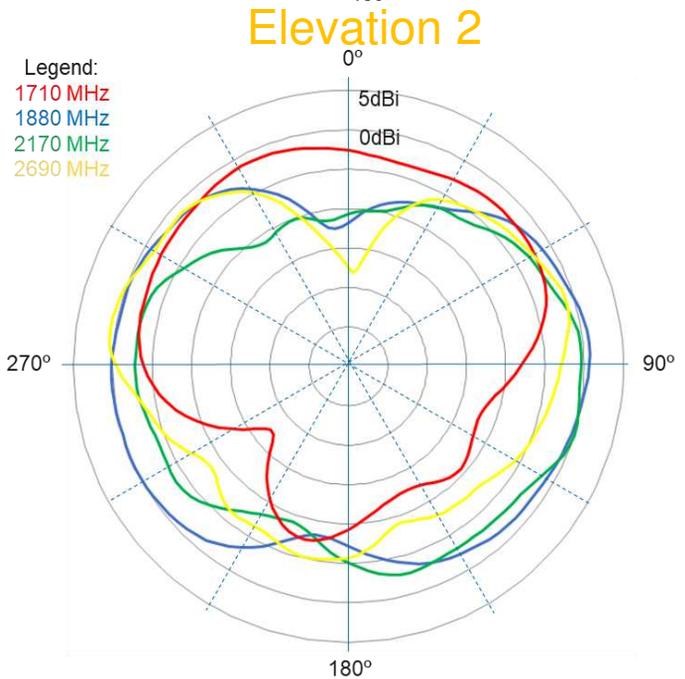
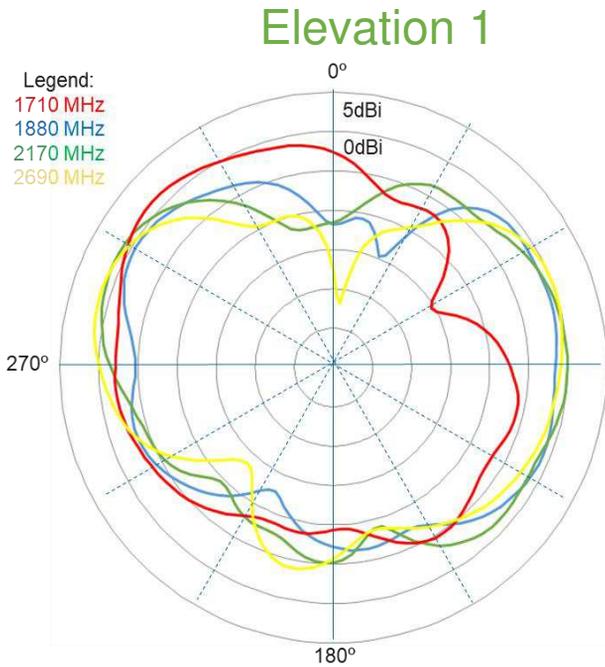
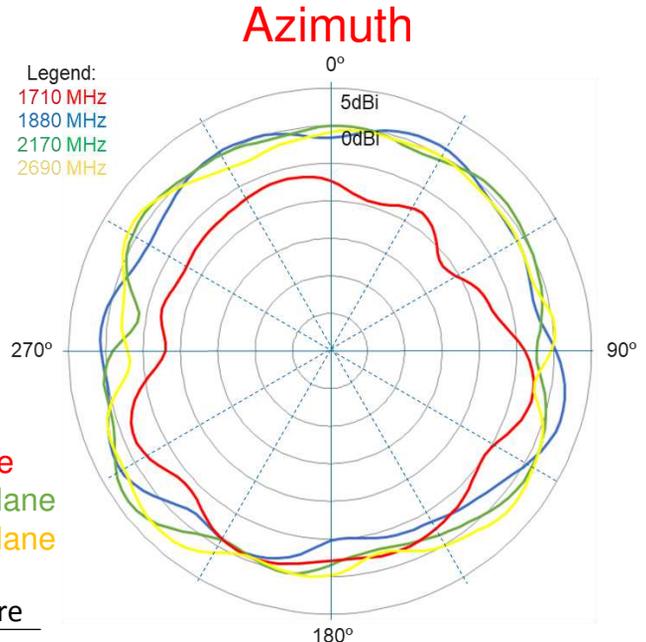
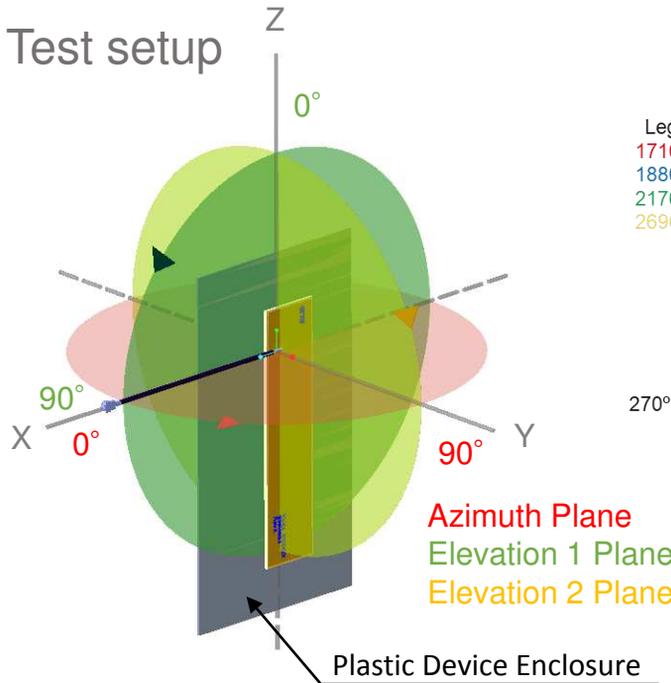


### Elevation 2



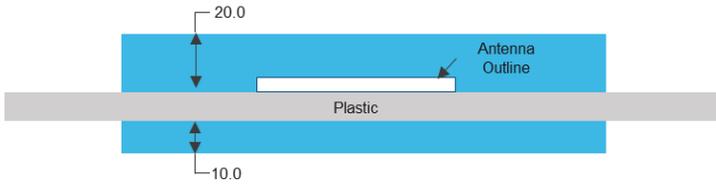
Data measured in free space and on plastic device enclosure

# RADIATION PATTERN



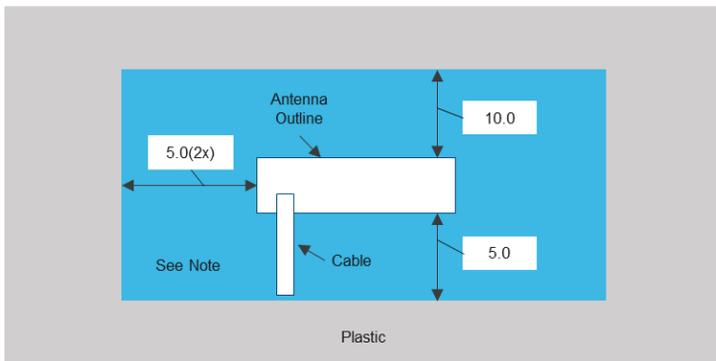
Data measured in free space and on plastic device enclosure

## KEEP OUT AREA



### NOTES

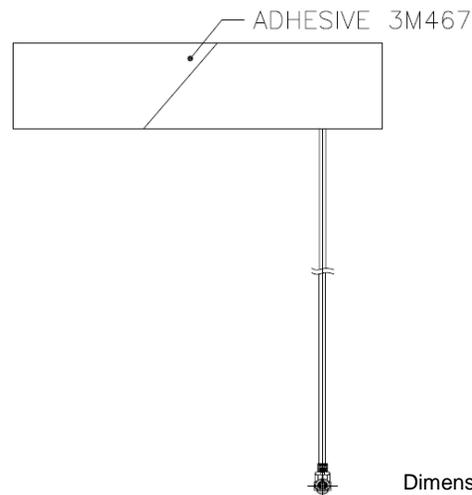
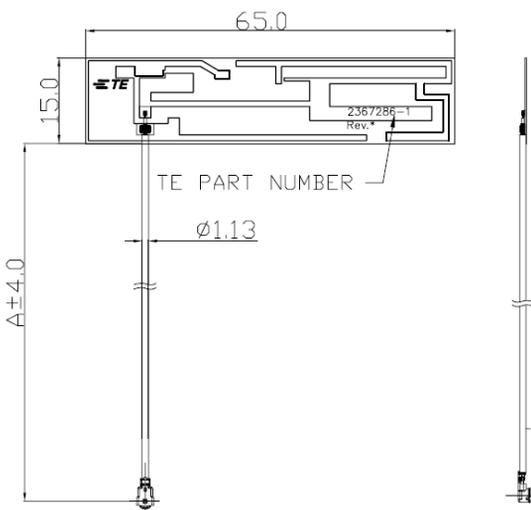
1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.



Dimension: mm

Diagrams is not to scale

## DIMENSIONS



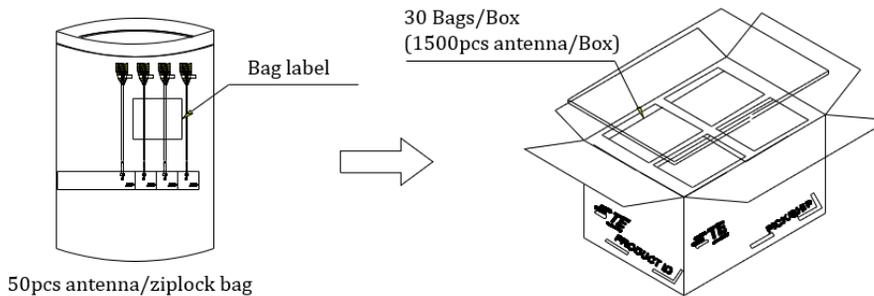
Dimensions: mm

Diagram is not to scale

## MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

2367286-1	200	7.87	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-2	50	1.97	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
PART NUMBER	MM	INCH	CABLE (OD) mm	CONNECTOR TYPE (ON CABLE)	PART NUMBER	IMAGE
	CABLE LENGTH				MATING COMPONENTS	

## PACKAGING



### TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
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Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

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