



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

Part Numbers: 2372105-1, 2372105-2

## FEATURES & BENEFITS

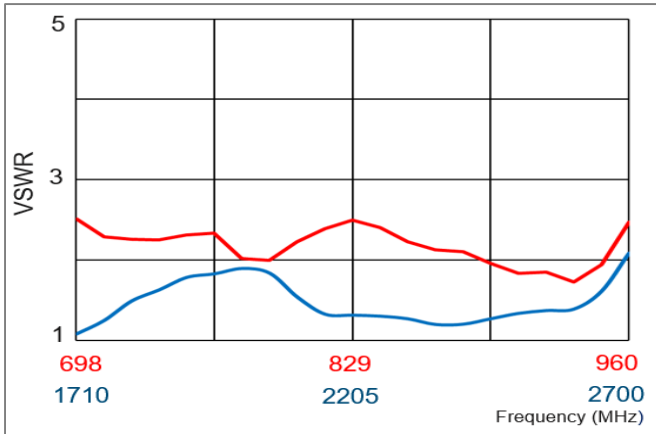
- Adhesive backing on the PCB simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

## SPECIFICATIONS

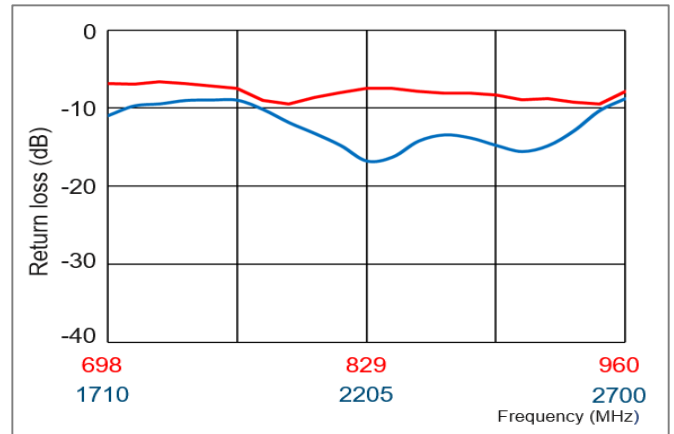
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 2.6:1	< 2.1:1
Efficiency	35%	60%
Average Gain	-4.4dBi	-3.4dBi
Peak Gain	0.3dBi	2.5dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 1.0 mm	
Weight	< 2.9 g	
Mounting	Adhesive Tape	
Mating Connector	MHF-type. Refer to page 5	
Cable (coaxial)	1.13mm Dia. Refer to page5	
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

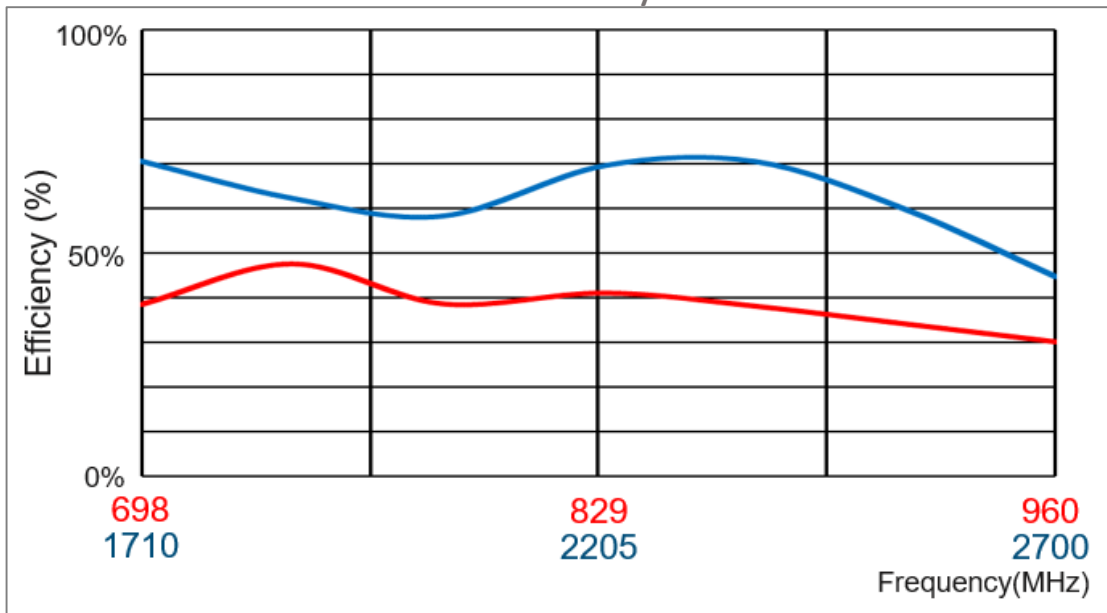
### VSWR



### Return Loss

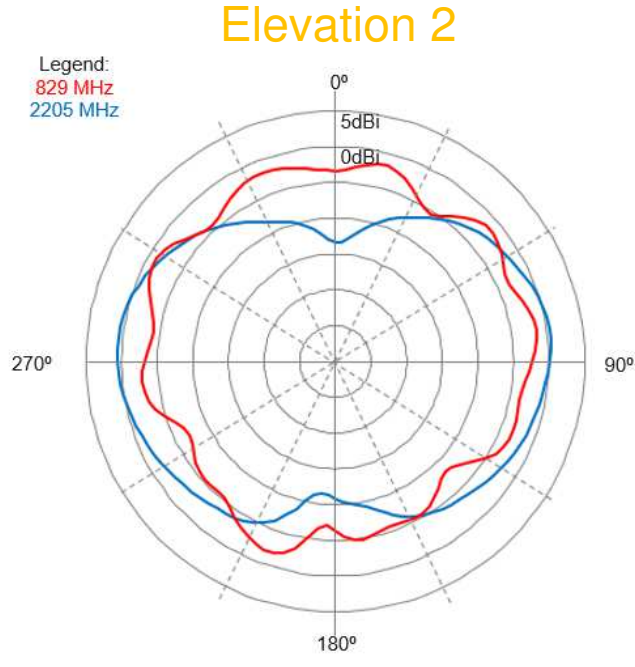
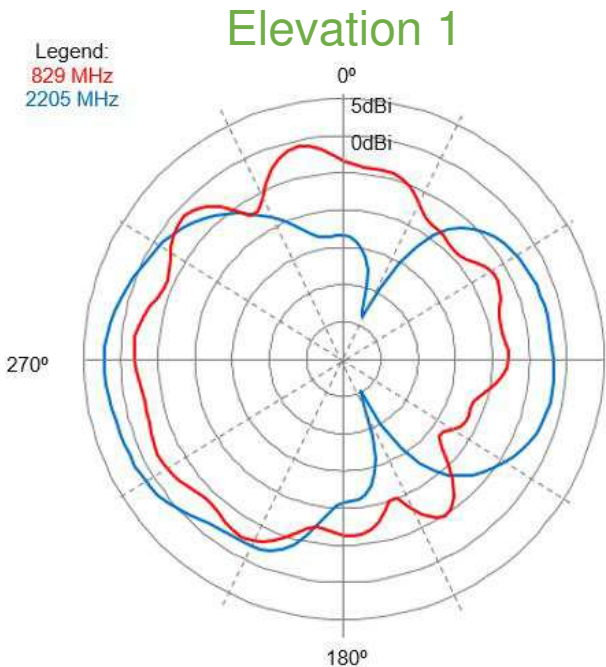
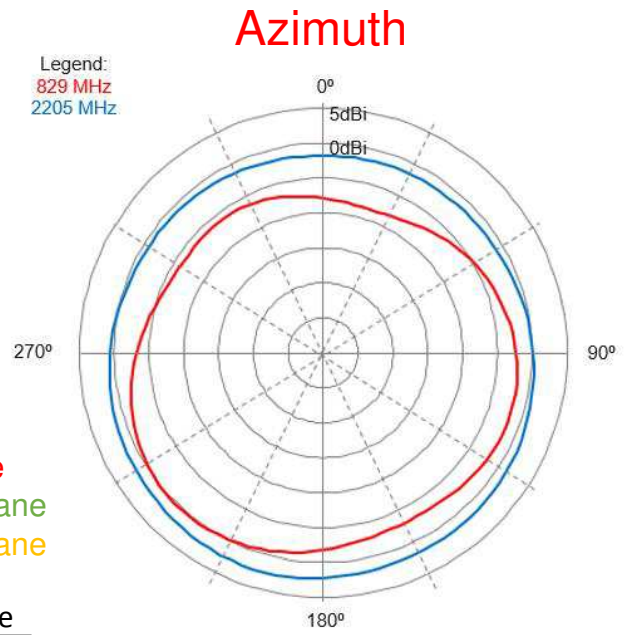
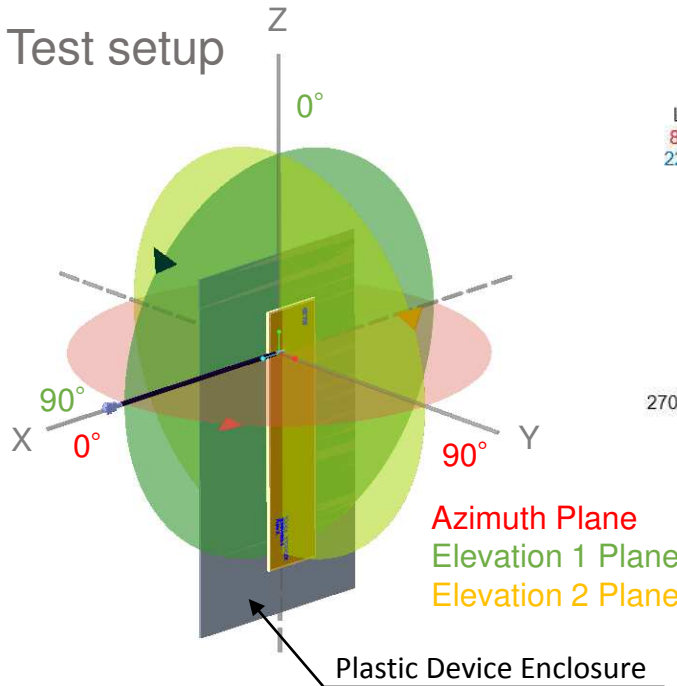


### Efficiency



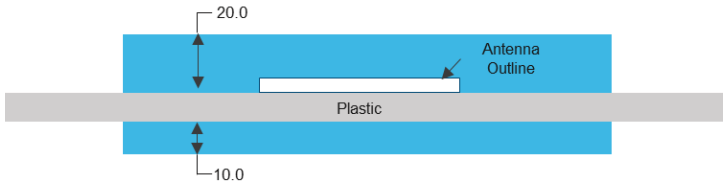
Data measured in free space and on plastic device enclosure

# RADIATION PATTERN



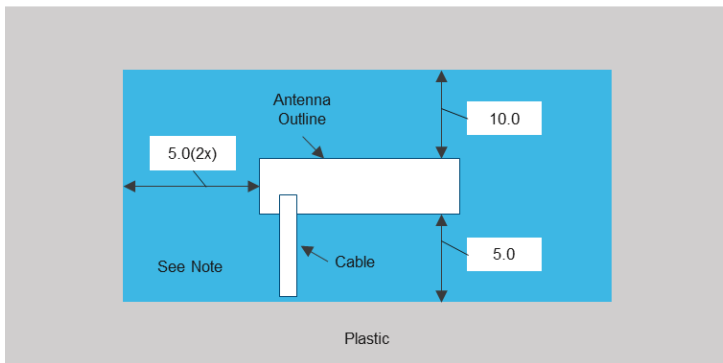
Data measured in free space and on plastic device enclosure

# KEEP OUT AREA



### NOTES

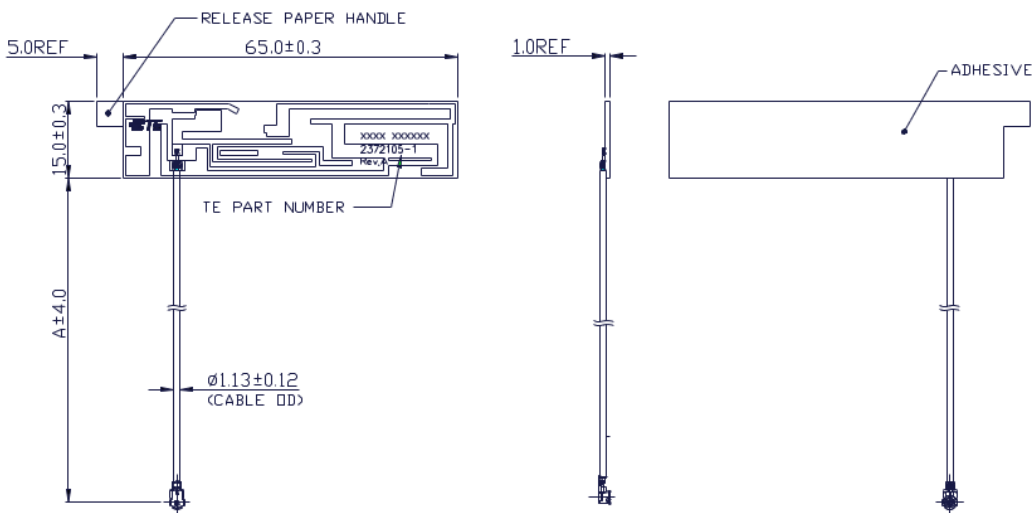
1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.



Dimension: mm

Diagrams is not to scale


# DIMENSIONS



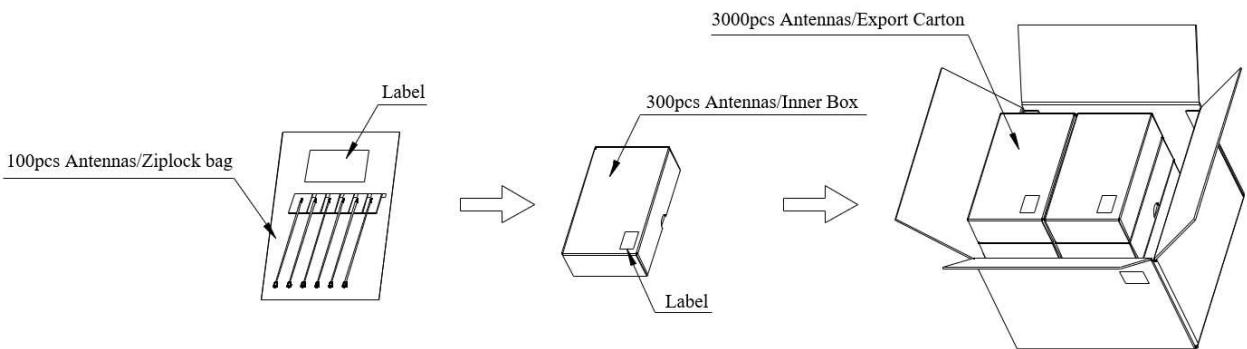
Dimensions: mm

Diagram is not to scale

## MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

2372105-1	150	5.91	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2372105-2	100	3.94	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
PART NUMBER	MM	INCH	CABLE (OD)	CONNECTOR TYPE (ON CABLE)	PART NUMBER	IMAGE
	CABLE LENGTH		mm		MATING COMPONENTS	

## PACKAGING



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01/2022

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