

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

Part Numbers: 2361492-1, 2361492-2

FEATURES & BENEFITS

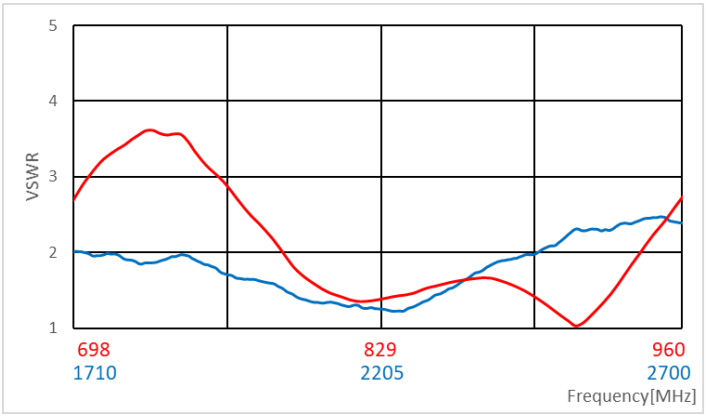
- Adhesive backing on the PCB simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

SPECIFICATIONS

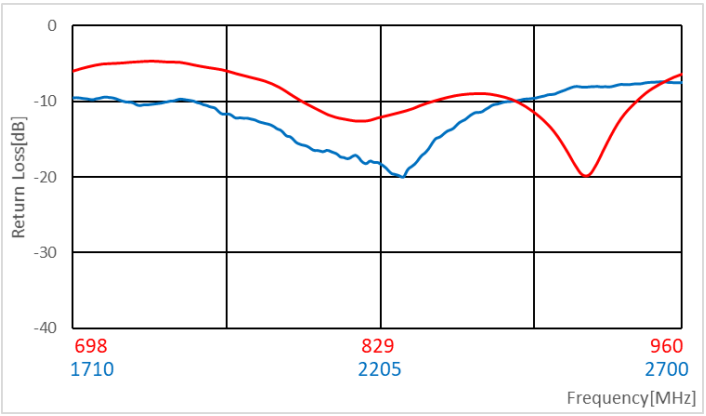
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 4.0:1	< 3.0:1
Efficiency	80%	70%
Average Gain	-2.0dBi	-2.0dBi
Peak Gain	3.0dBi	4.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 1.0 mm	
Weight	< 2.9 g	
Mounting	Adhesive Tape	
Mating Connector	MHF-type receptacle (TE PN 2337019-1)	
Operating Temperature	-40 to +85°C	
Cable	Coaxial Cable : 1.13mm Dia.	
Storage Temperature	-40 to +85°C	
Hazardous Materials	A certificate of conformance is available from the product page on TE website.	

RF DATA

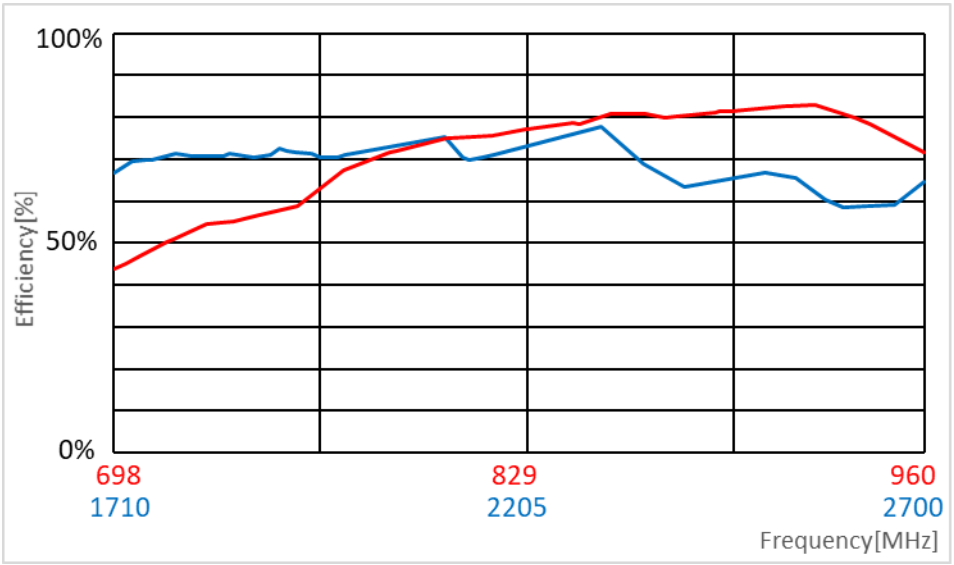
VSWR



Return Loss

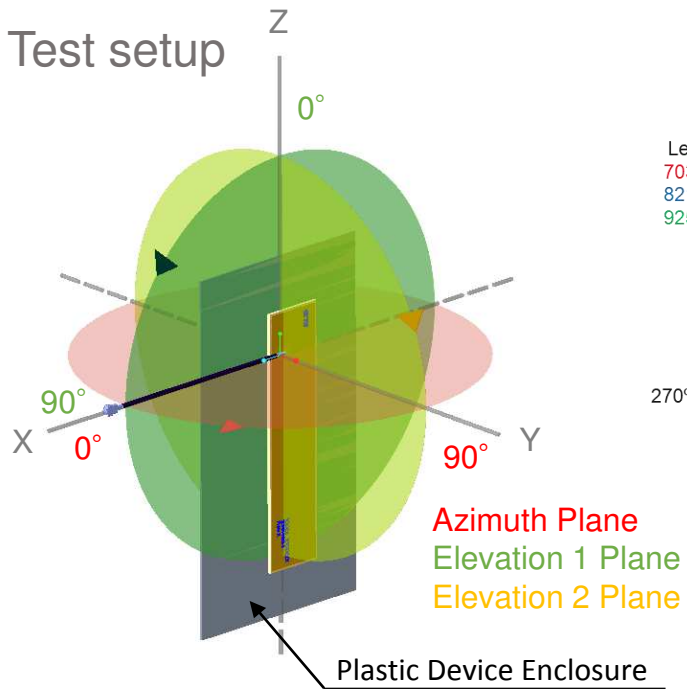


Efficiency

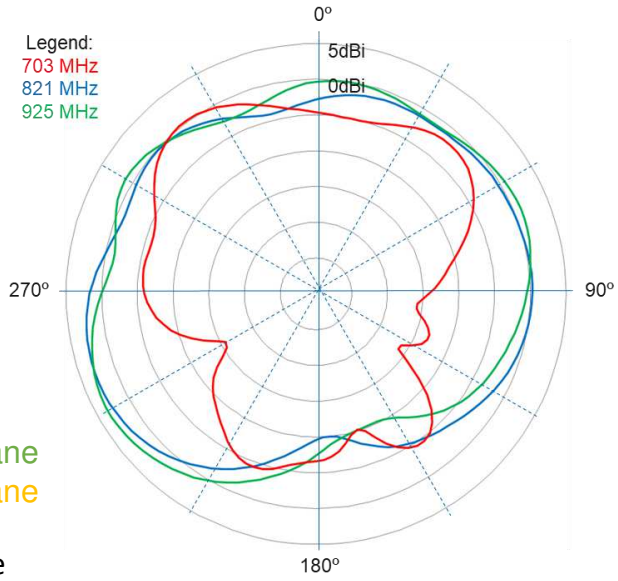


Data measured in free space and on plastic device enclosure

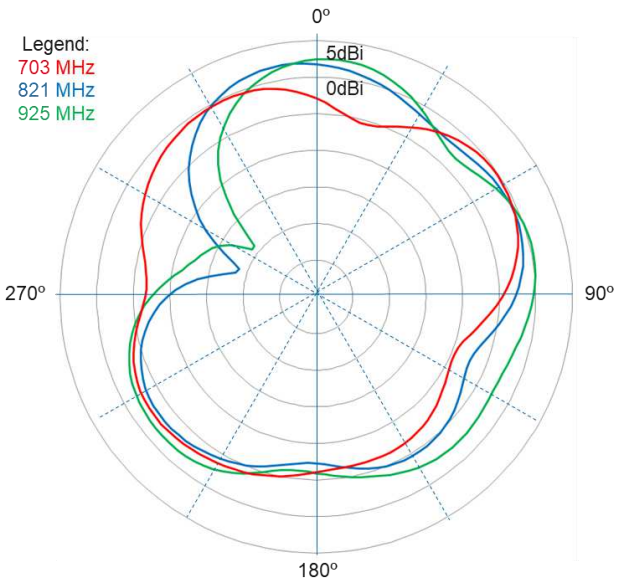
RADIATION PATTERN



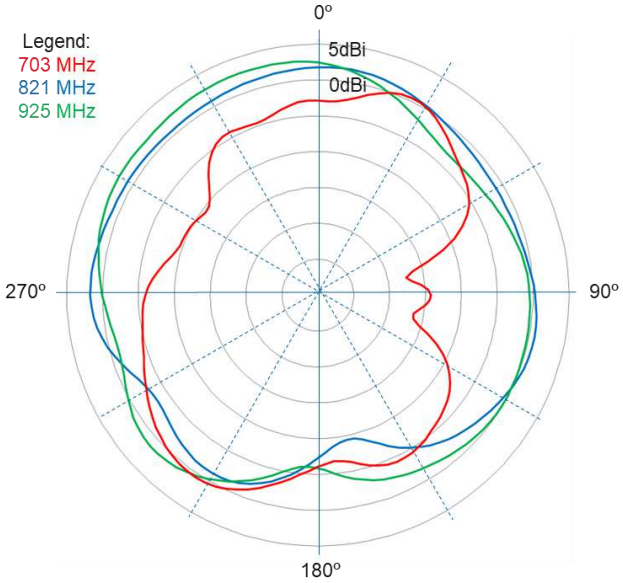
Azimuth



Elevation 1

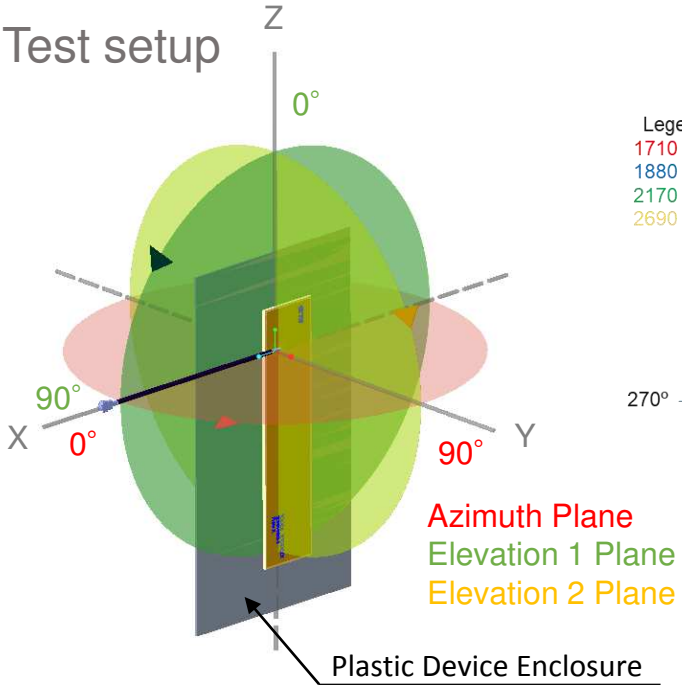


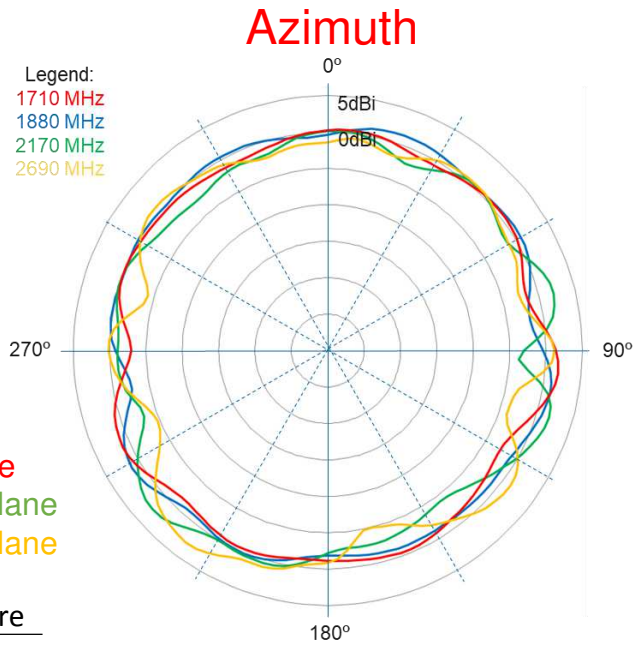
Elevation 2

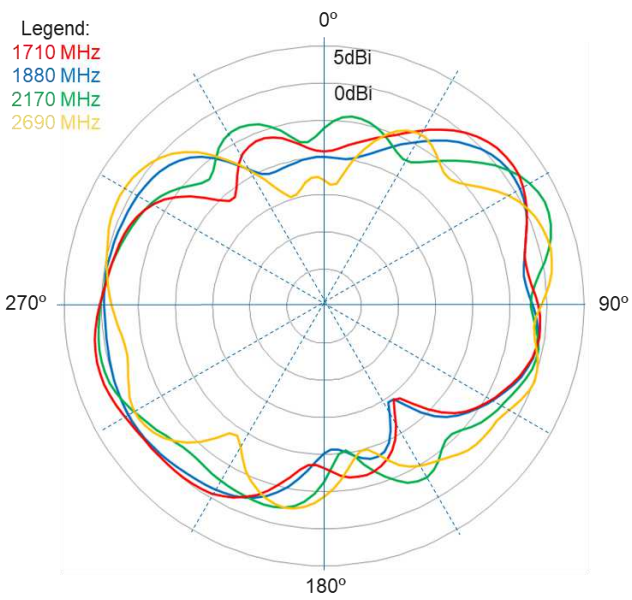


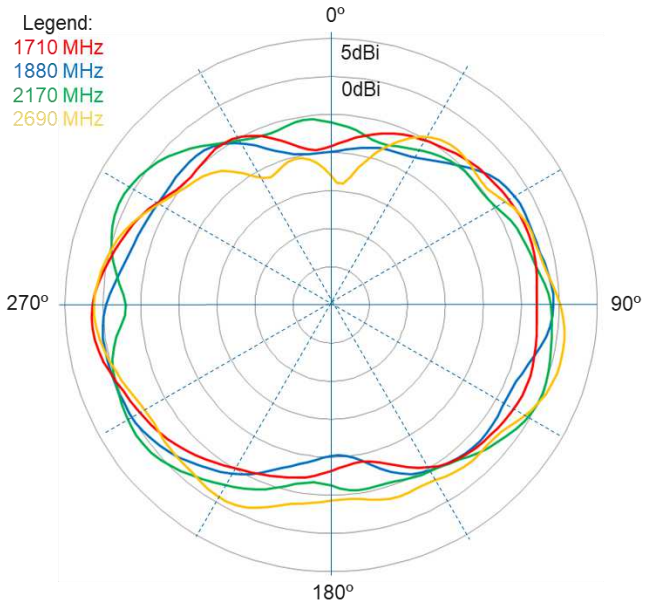
Data measured in free space and on plastic device enclosure

RADIATION PATTERN



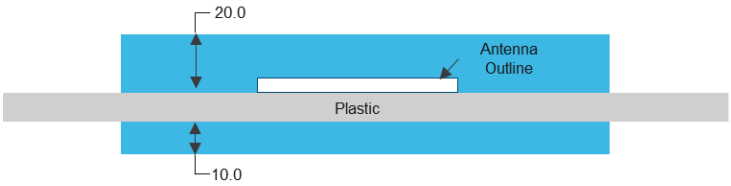


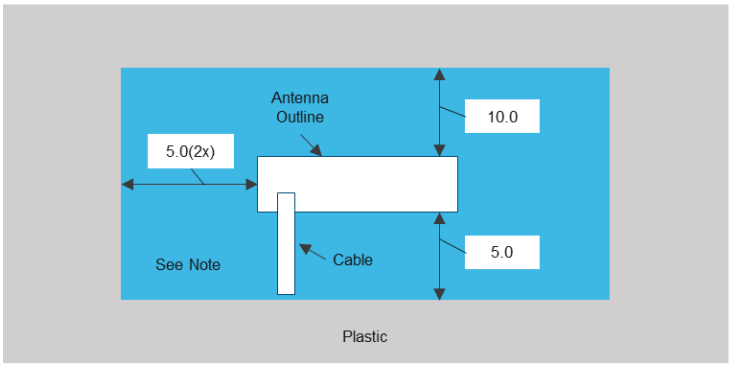




Data measured in free space and on plastic device enclosure

KEEP OUT AREA



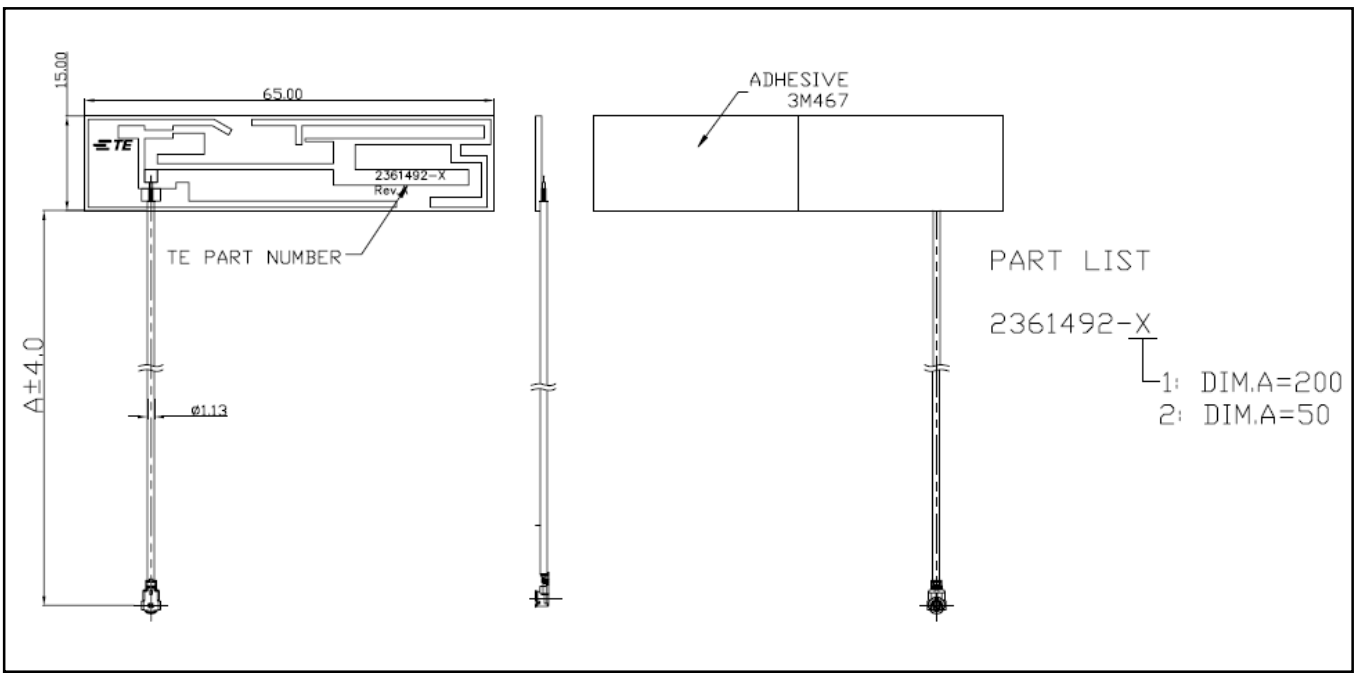


NOTES

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

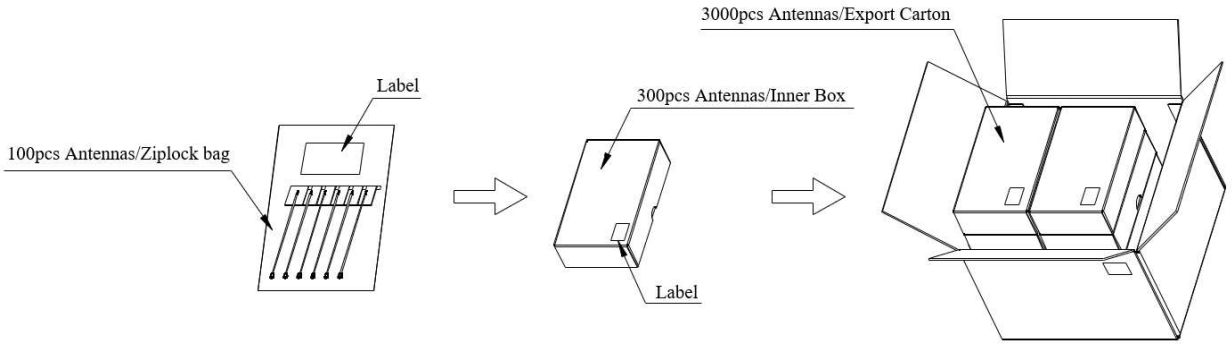
DIMENSIONS



MATING COMPONENTS

PART NUMBER	CABLE LENGTH MM	CABLE LENGTH INCH	CONNECTOR TYPE (ON CABLE)	MATING COMPONENTS PART NUMBER	IMAGE
2361492-1	200	7.87	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-2	50	1.97	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	

PACKAGING



TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
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France:	+33 (0) 1-3420-8686
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11/2020