



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

Part Number: X-2361492-X

(see page 6 for details)

FEATURES & BENEFITS

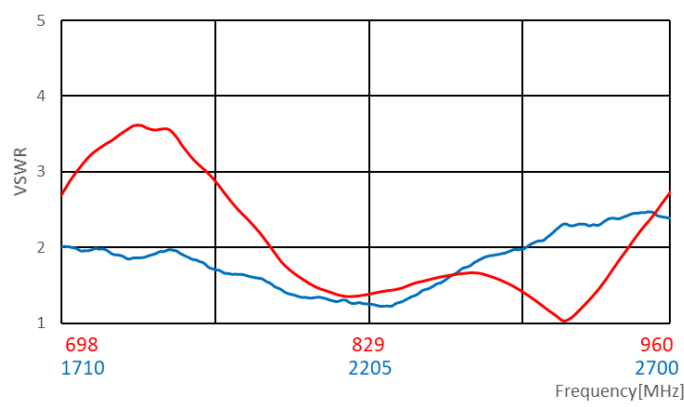
- Adhesive backing on the PCB simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required

SPECIFICATIONS

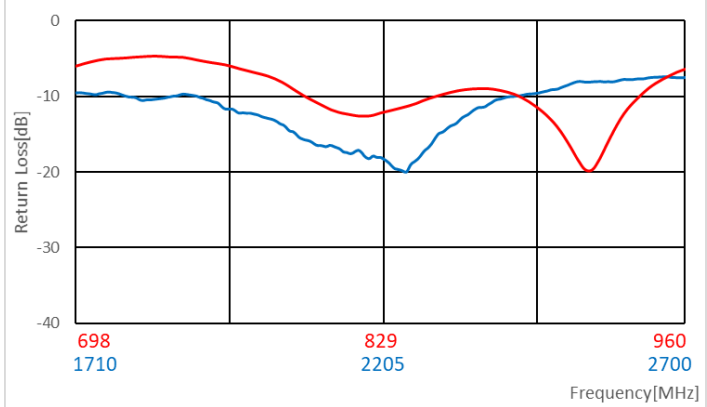
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 3.6:1	< 2.5:1
Efficiency	80%	70%
Average Gain	-2.0dBi	-2.0dBi
Peak Gain	3.0dBi	4.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 1.0 mm	
Weight	< 2.9 g	
Mounting	Adhesive Tape	
Mating Connector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

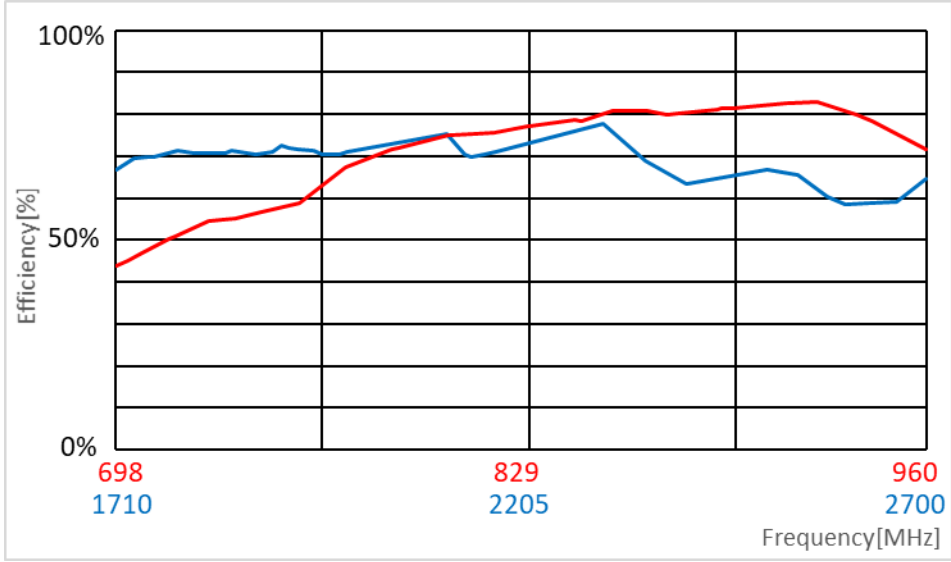
VSWR



Return Loss

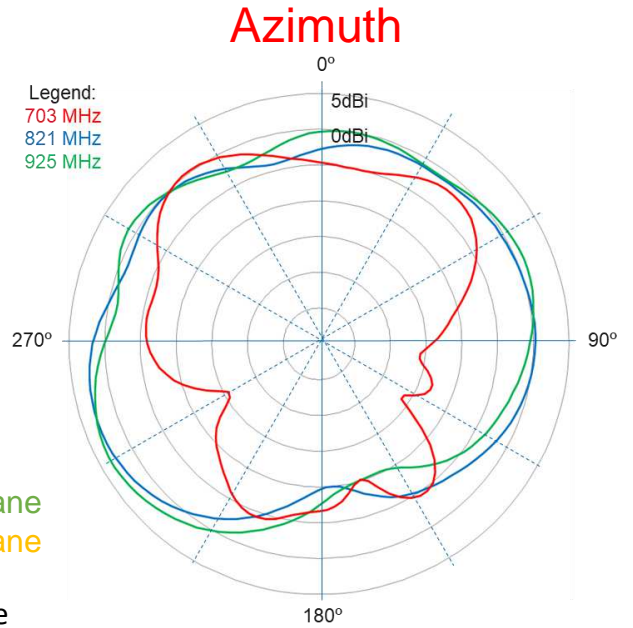
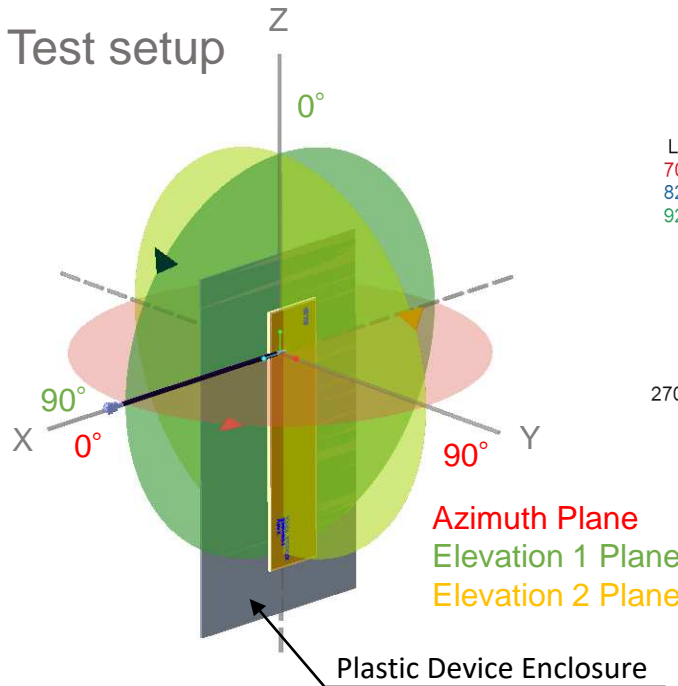


Efficiency

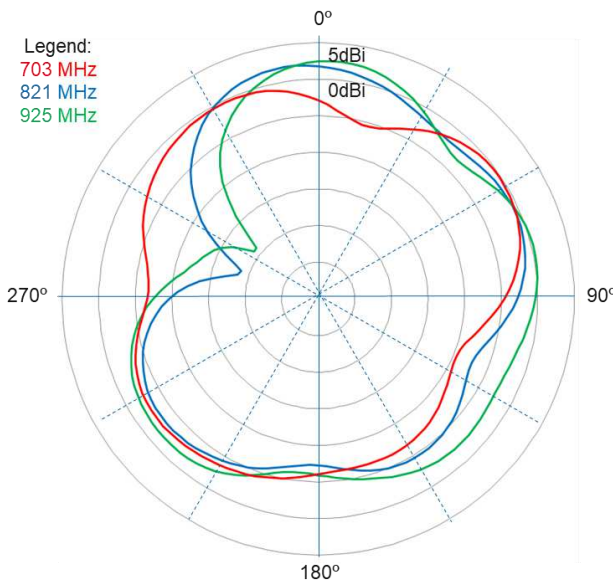


Data measured in free space and on plastic device enclosure

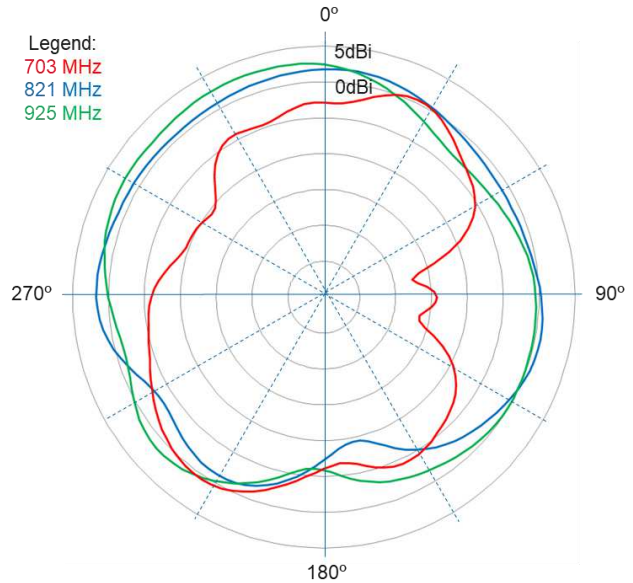
RADIATION PATTERN



Elevation 1

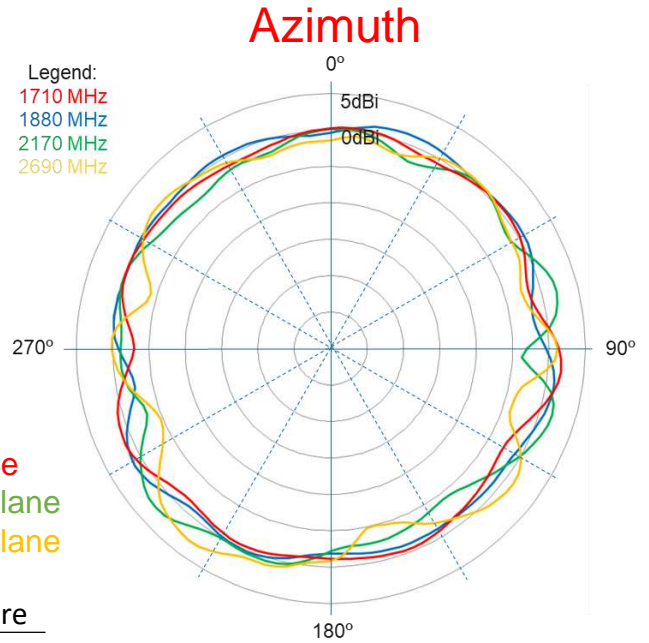
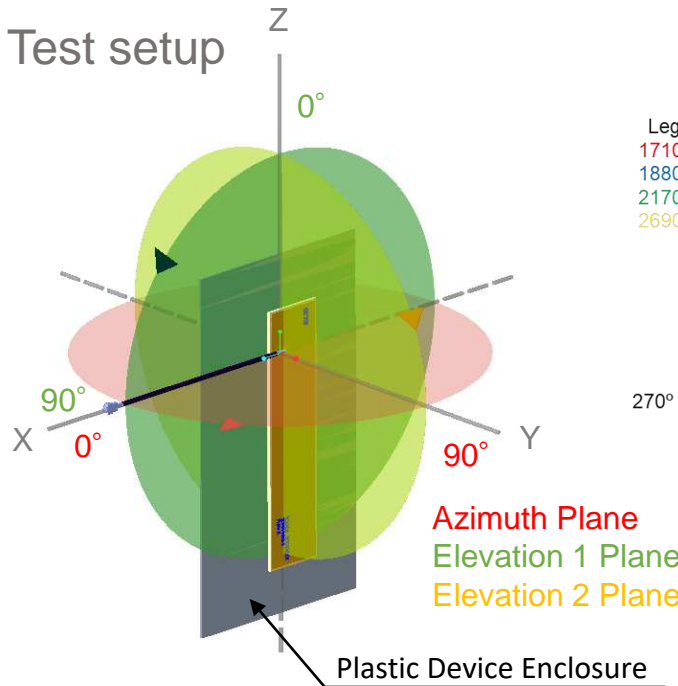


Elevation 2



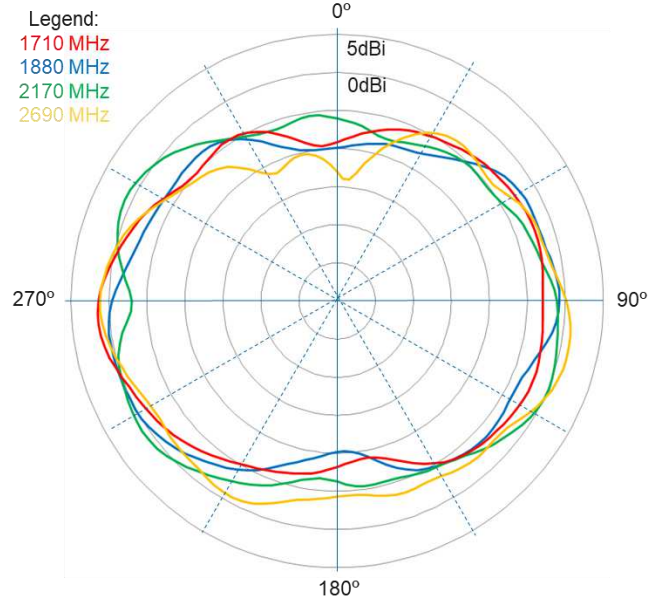
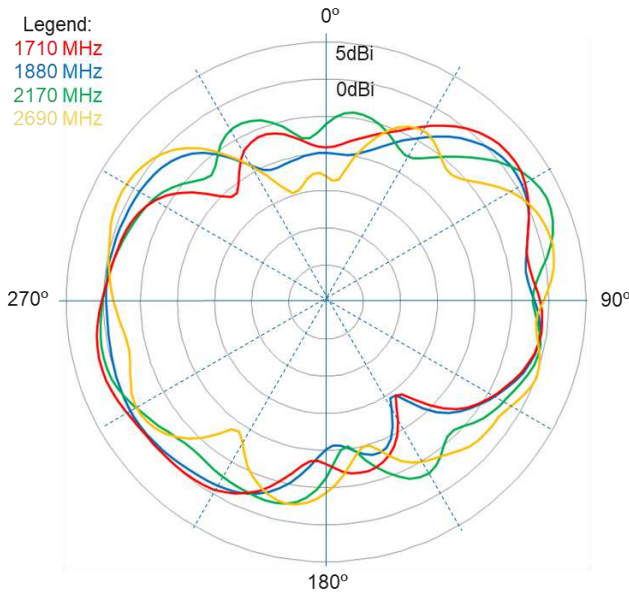
Data measured in free space and on plastic device enclosure

RADIATION PATTERN



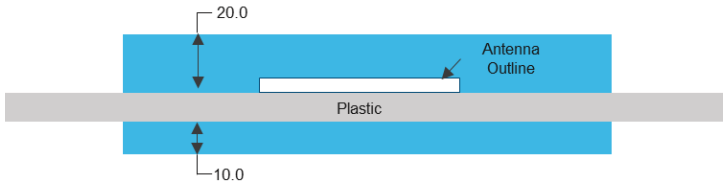
Elevation 1

Elevation 2



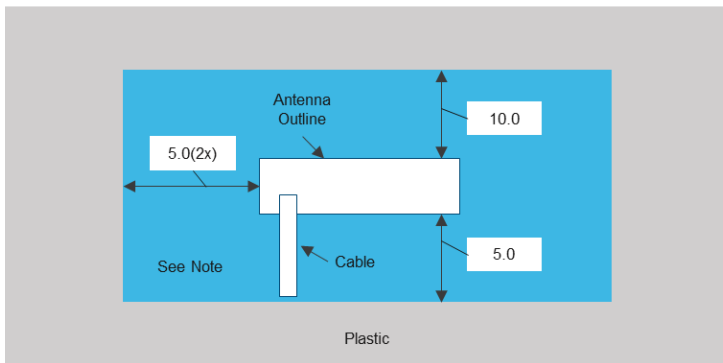
Data measured in free space and on plastic device enclosure

KEEP OUT AREA



NOTES

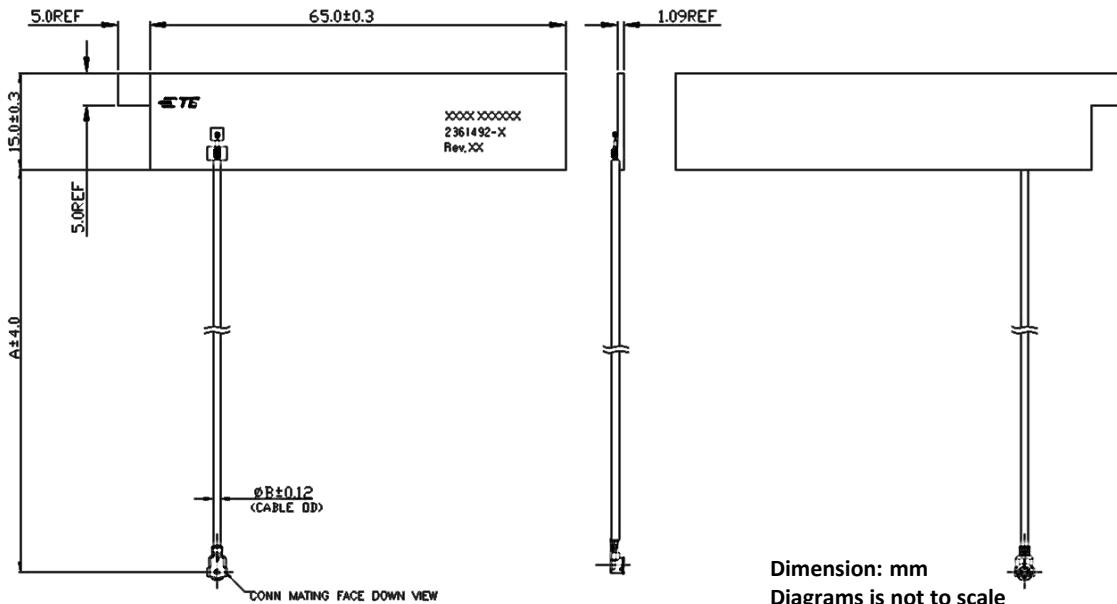
1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.



Dimension: mm

Diagram is not to scale



DIMENSIONS



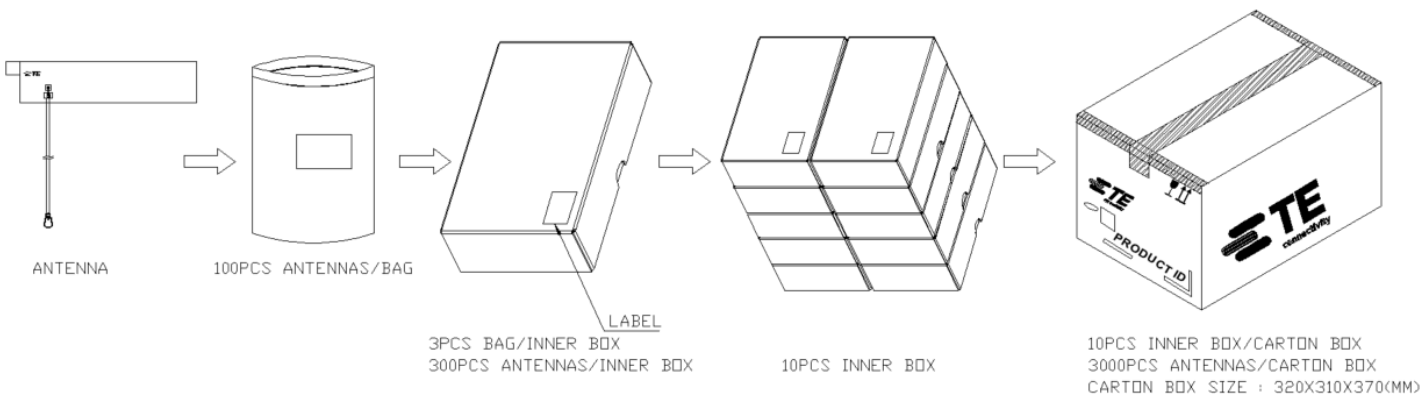
Dimension: mm

Diagram is not to scale

MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

2361492-2	50.0	1.968	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-4	100.0	3.937	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-6	150.0	5.905	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-1	200.0	7.784	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-7	250.0	9.84	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-8	300.0	11.81	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2361492-9	50.0	1.968	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2361492-1	100.0	3.937	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2361492-2	150.0	5.905	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2361492-3	200.0	7.784	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2361492-4	250.0	9.84	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2361492-5	300.0	11.81	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
PART NUMBER	MM	INCH	CABLE O.D, MM(B)	CONNECTOR TYPE	PART NUMBER	IMAGE
	CABLE LENGTH(A)			(ON CABLE)	MATING COMPONENTS	

PACKAGING



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