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

Part Numbers: 2367286-1, 2367286-2, 2367286-4, 2367286-5, 2367286-6

FEATURES & BENEFITS

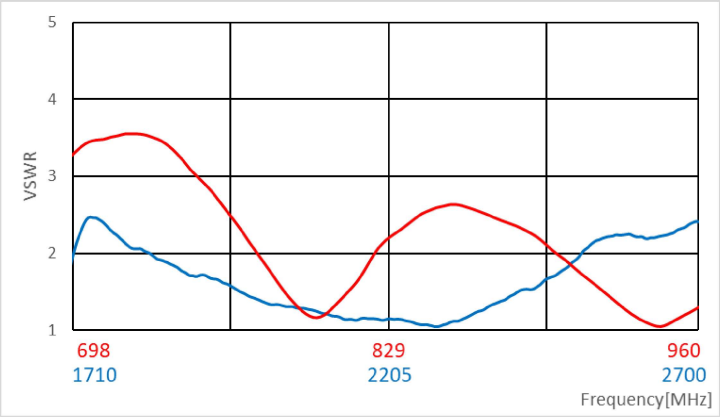
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

SPECIFICATIONS

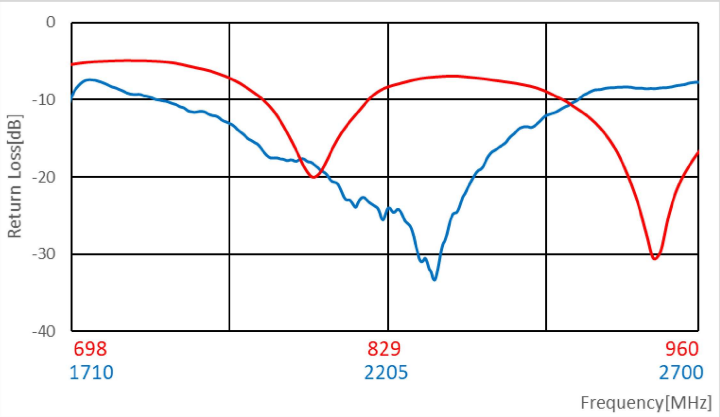
Frequency Range (MHz)	698-960	1710-2700
VSWR	< 3.6:1	< 2.5:1
Efficiency	55%	60%
Average Gain	-2.7dBi	-2.5dBi
Peak Gain	3.0dBi	3.0dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	65 mm x 15 mm x 0.2 mm	
Weight	< 2.0 g	
Mounting	Adhesive Tape	
Mating Connector	MHF and MHF4L 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

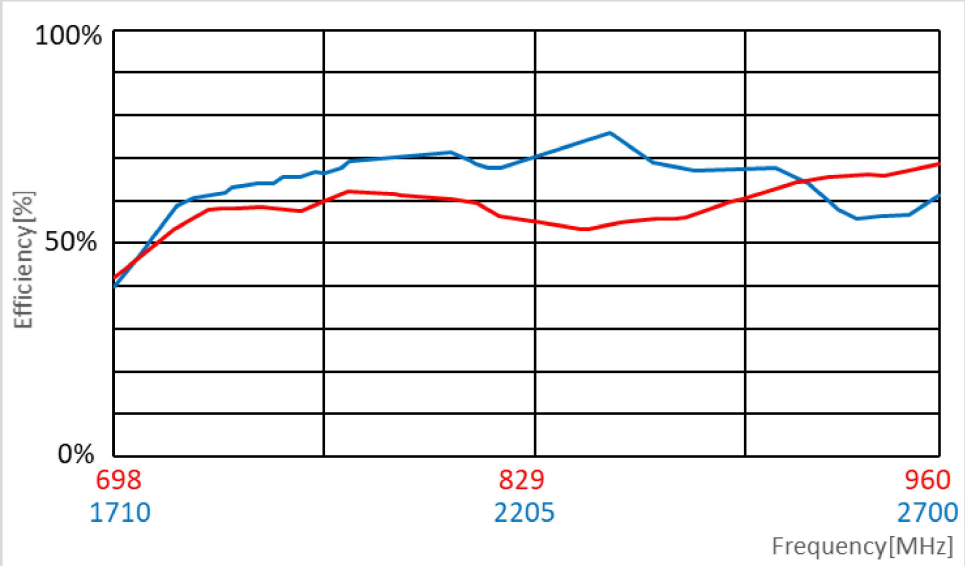
VSWR



Return Loss

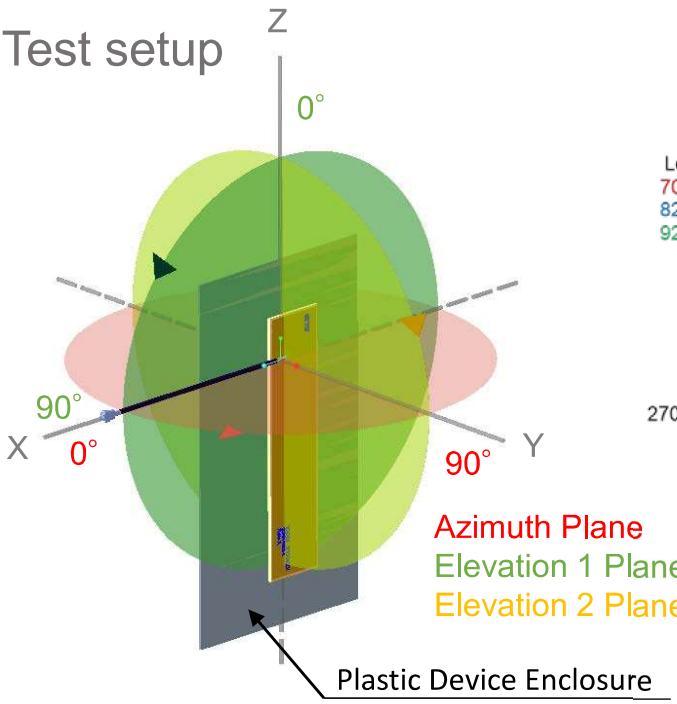


Efficiency

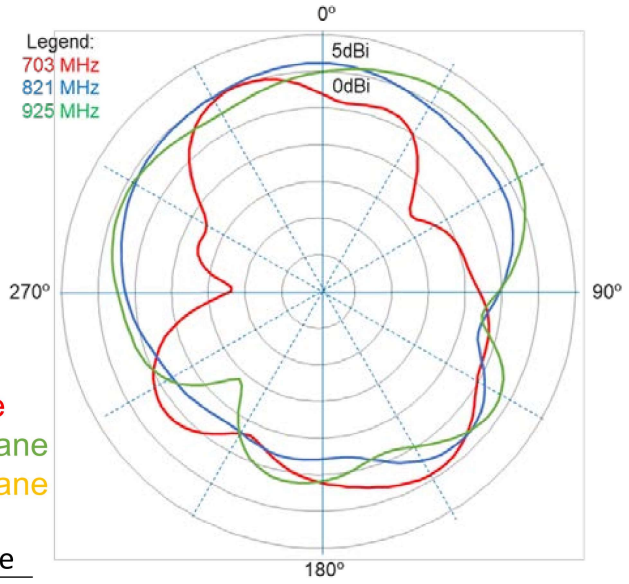


Data measured in free space and on plastic device enclosure

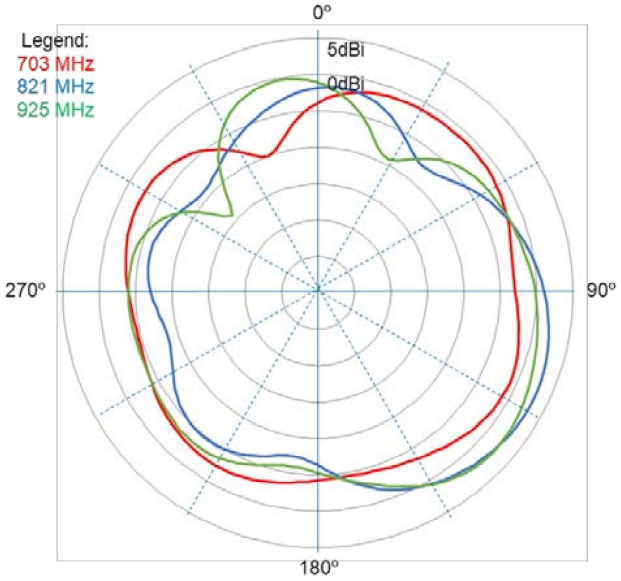
RADIATION PATTERN



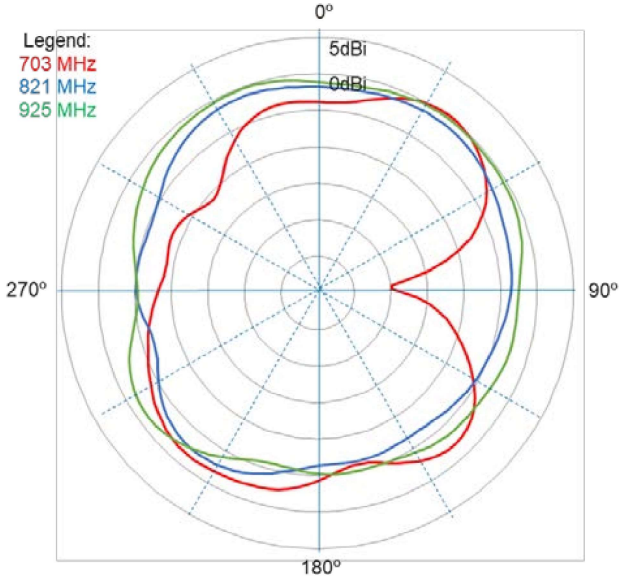
Azimuth



Elevation 1

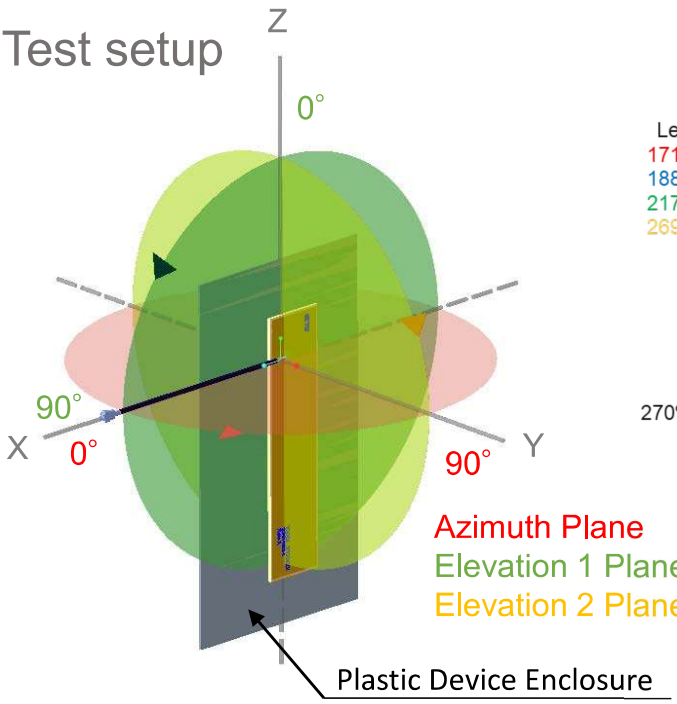


Elevation 2

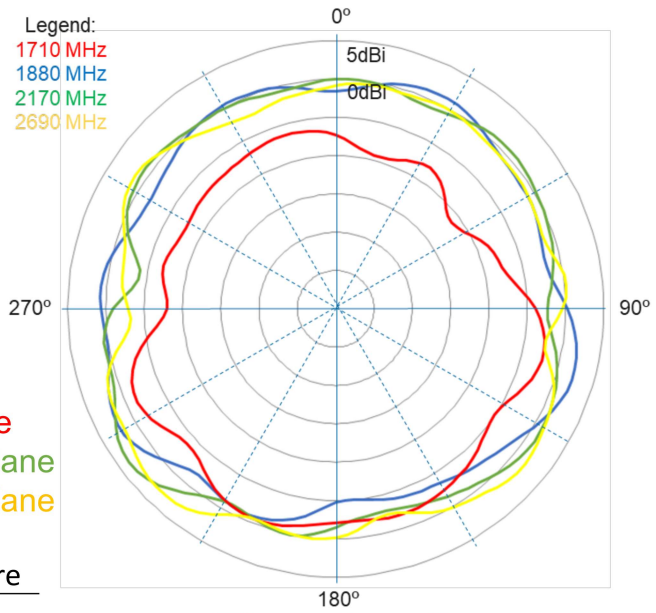


Data measured in free space and on plastic device enclosure

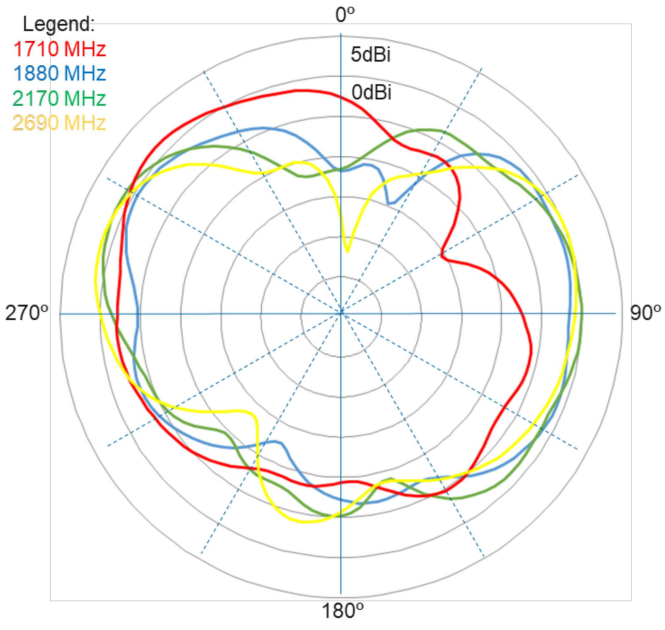
RADIATION PATTERN



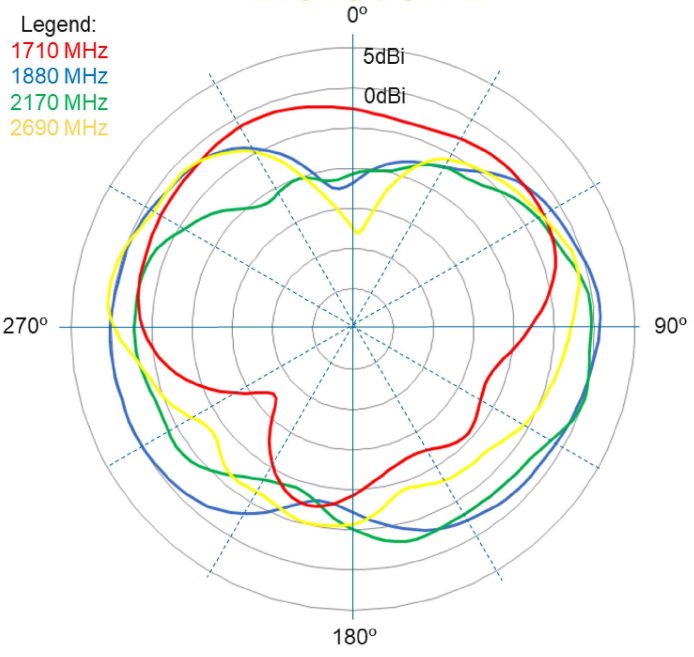
Azimuth



Elevation 1

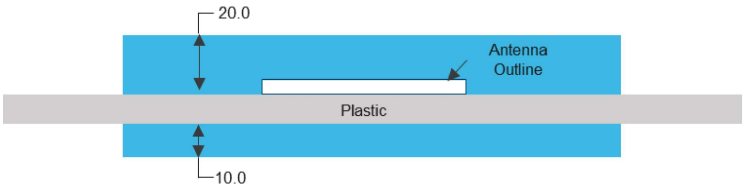


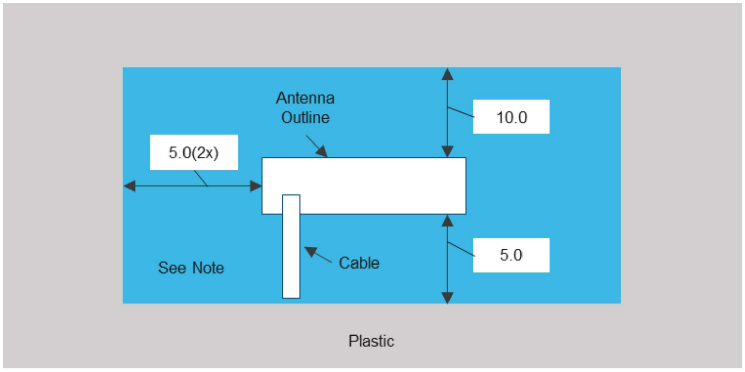
Elevation 2



Data measured in free space and on plastic device enclosure

KEEP OUT AREA





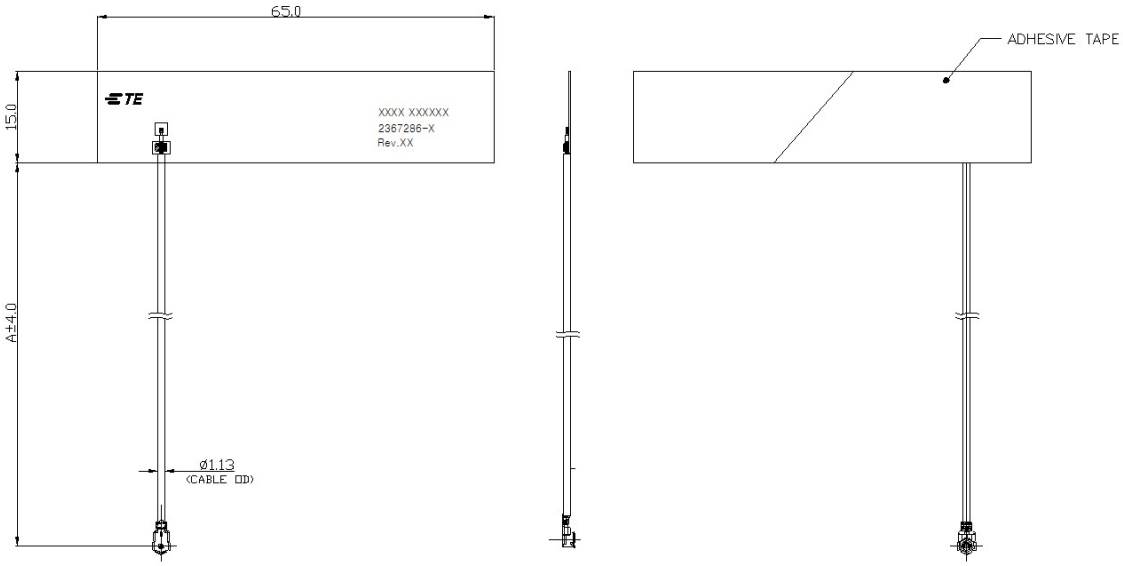
NOTES

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
Diagrams is not to scale

DIMENSIONS

(Refer to Page6 for dimension “A”)

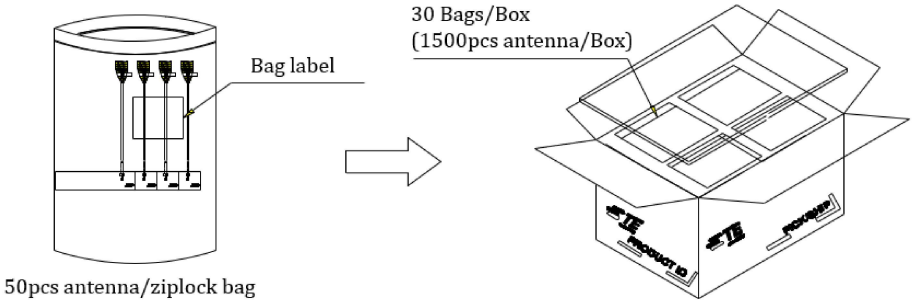


Dimensions: mm
Diagram is not to scale

MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

PART NUMBER	MM CABLE LENGTH(A)	INCH CABLE LENGTH(A)	CABLE (OD) mm	CONNECTOR TYPE (ON CABLE)	PART NUMBER MATING COMPONENTS	IMAGE
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)	
2367286-4	70	2.75	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-5	200	7.87	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2367286-6	50	1.97	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	

PACKAGING



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