

698-960 & 1710-2700 MHz & 3300-3800 MHz & 3800-4200MHz LTE WORLD BAND ANTENNA

Part Number: X-2367286-X

(see page 11 for details)

FEATURES & BENEFITS

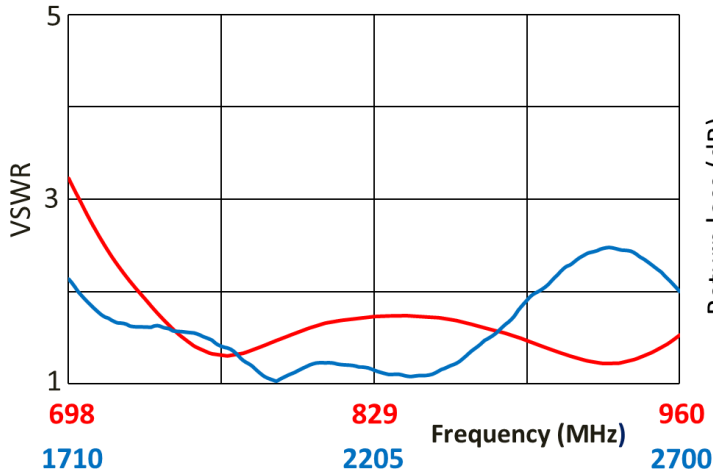
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required

SPECIFICATIONS (Shown as 2367286-1 : Others can vary with deference cable Lengths.)

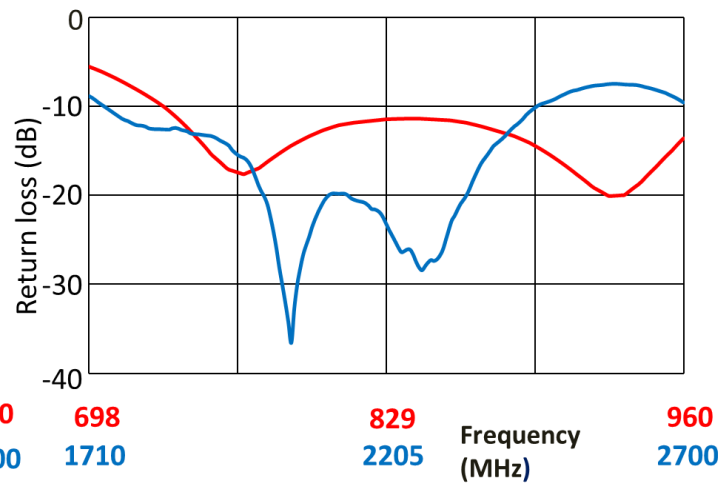
Frequency Range (MHz)	698-960	1710-2700	3300-3800	3800-4200
VSWR	< 3.3:1	< 2.5:1	< 1.8:1	< 1.8:1
Efficiency	53%	61%	75%	72%
Average Gain	-2.9dBi	-2.2dBi	-1.3dBi	-1.4
Peak Gain	1.3dBi	2.7dBi	4.0dBi	5.6
Power Handling	10 Watt cw			
Feed Point Impedance	50 ohms unbalanced			
Polarization	Linear			
Size	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 (Shown as 2367286-1 : Others can vary with deference cable Lengths.)

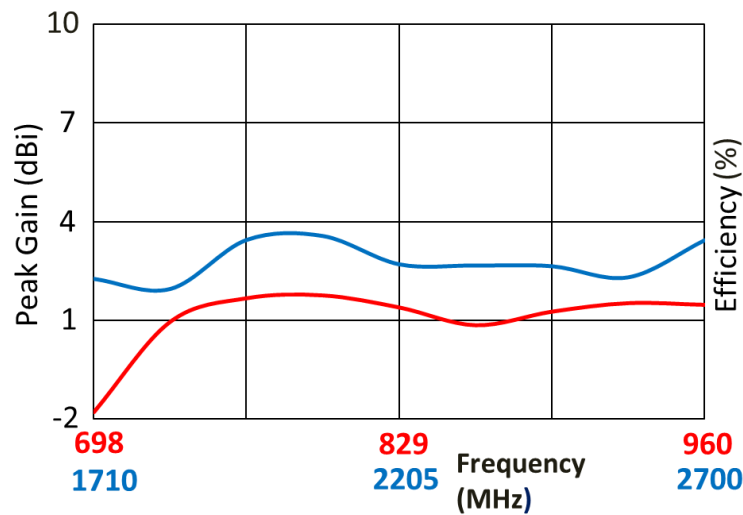
VSWR



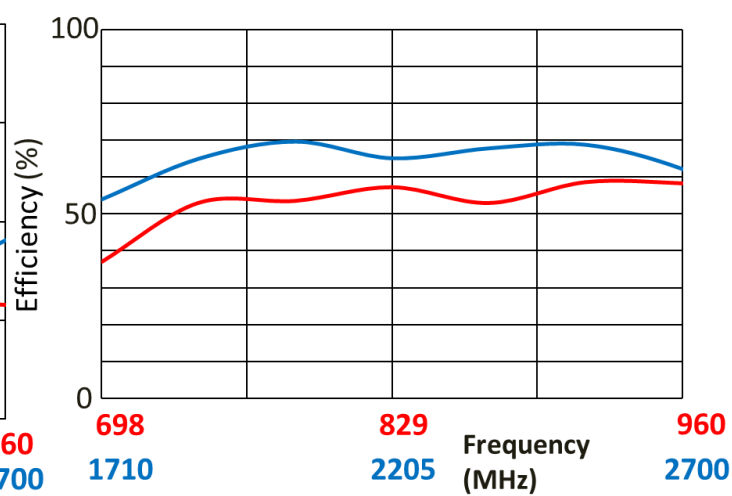
Return Loss



Peak Gain



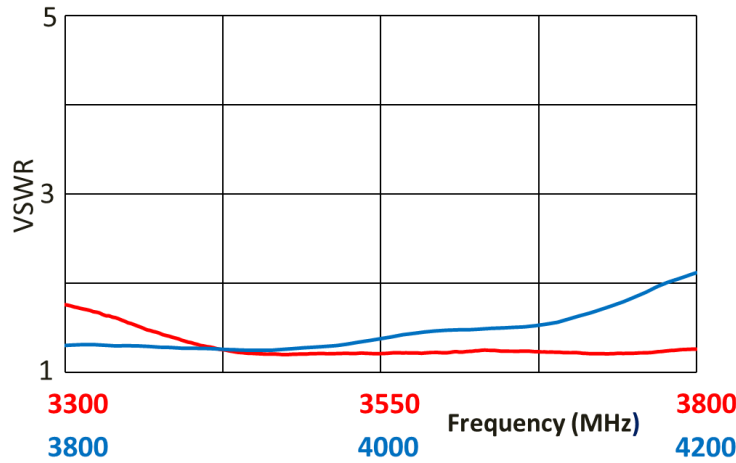
Efficiency



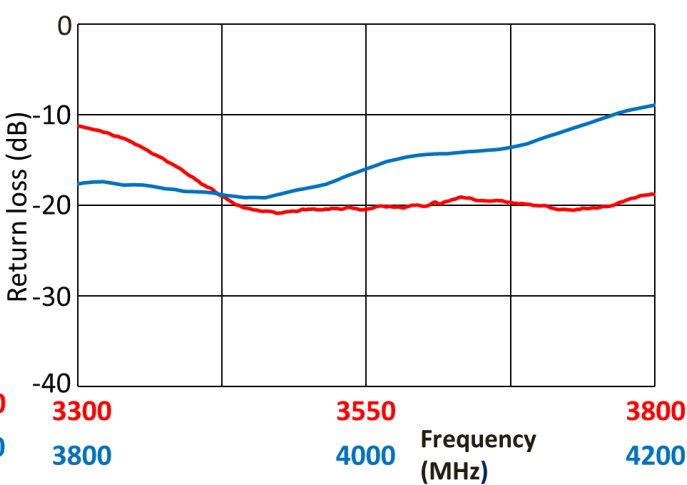
Data measured in free space and on plastic device enclosure

RF DATA (Shown as 2367286-1 : Others can vary with deference cable Lengths.)

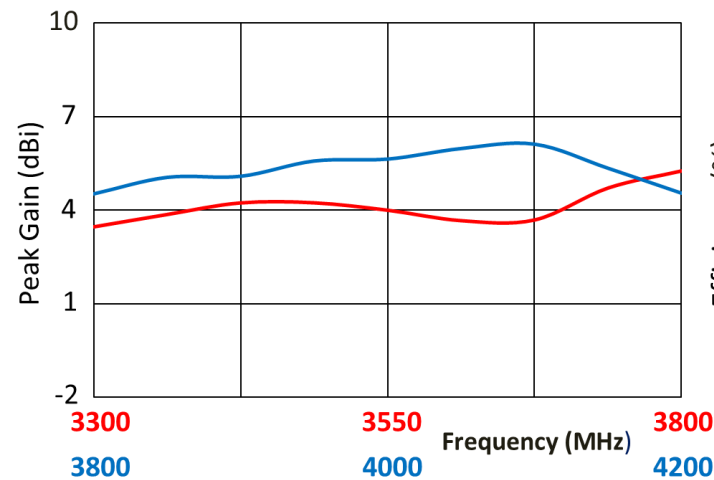
VSWR



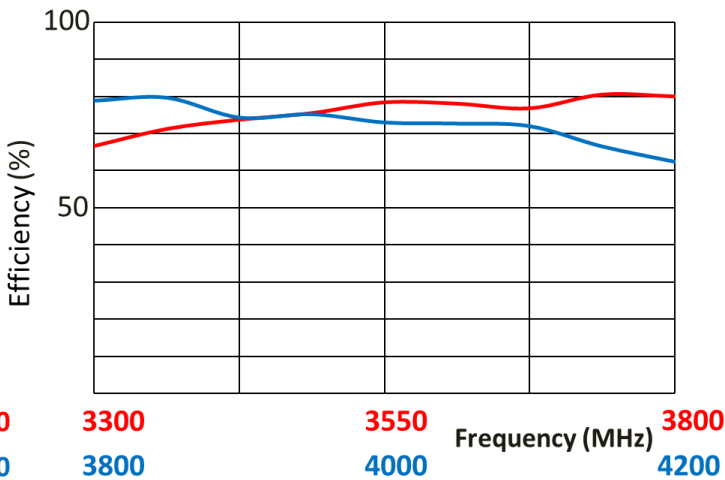
Return Loss



Peak Gain

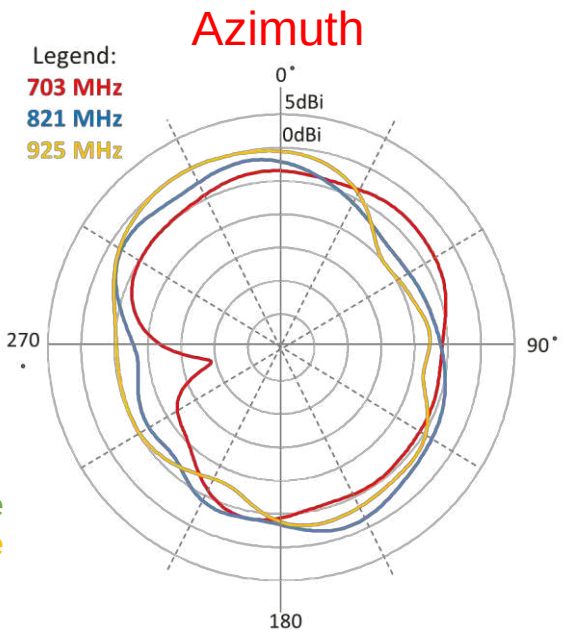
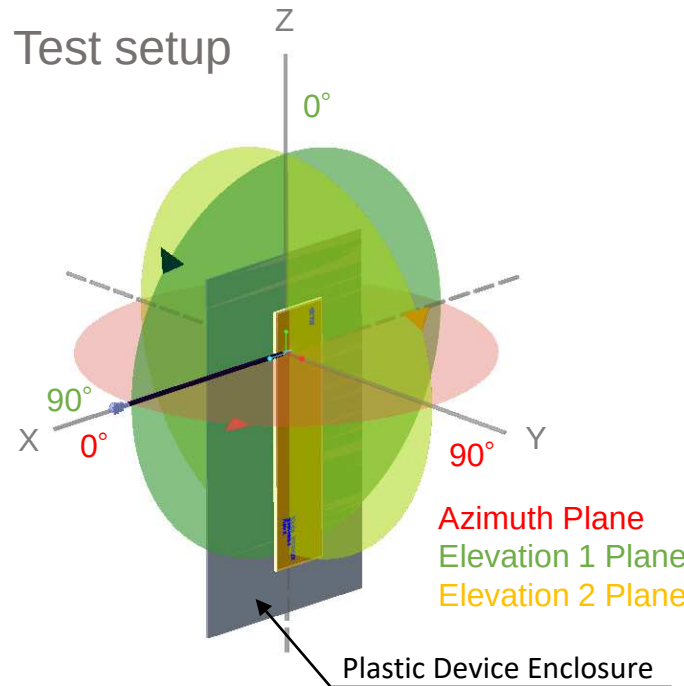


Efficiency

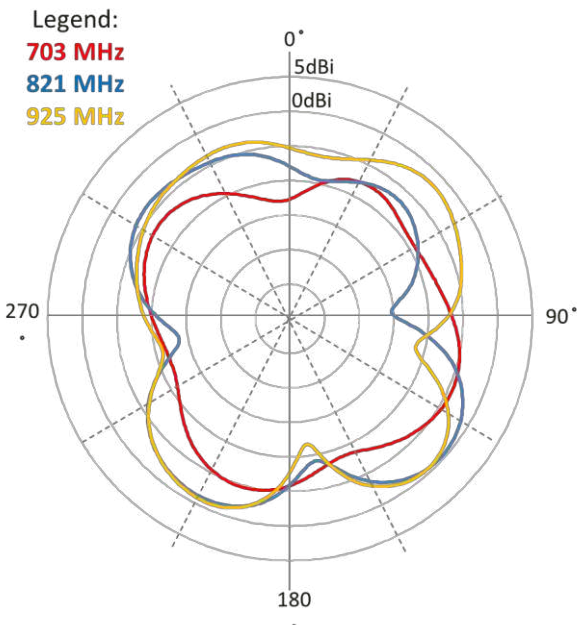


Data measured in free space and on plastic device enclosure

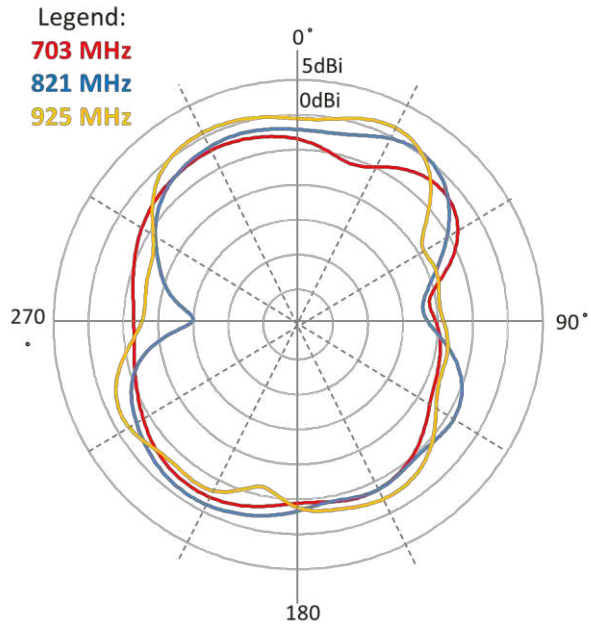
RADIATION PATTERN (Shown as 2367286-1 : Others can vary with deference cable Lengths.)



Elevation 1

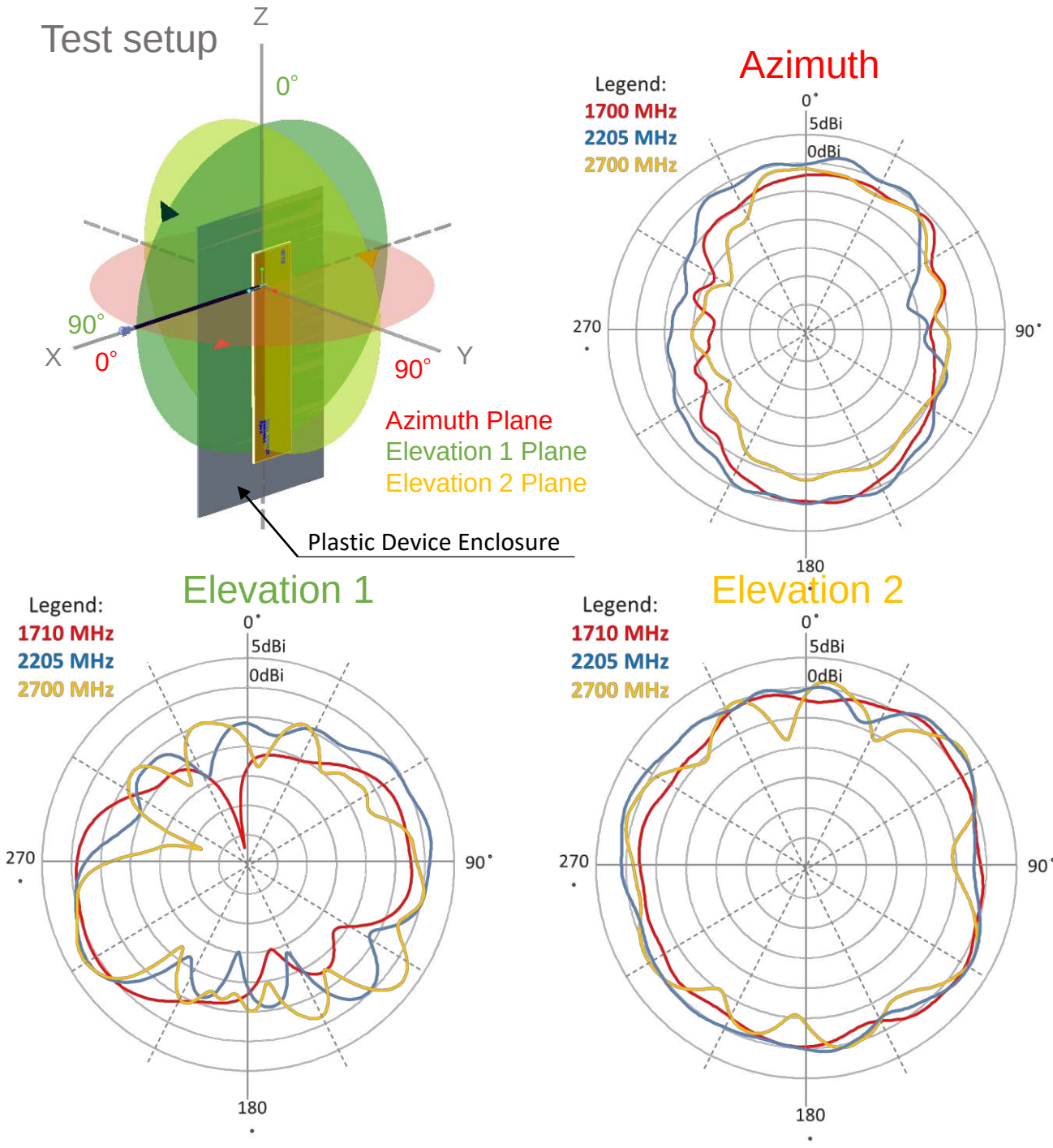


Elevation 2



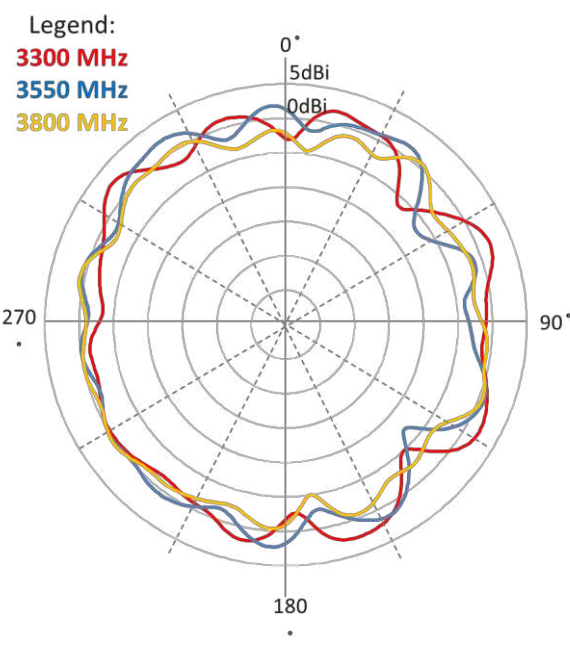
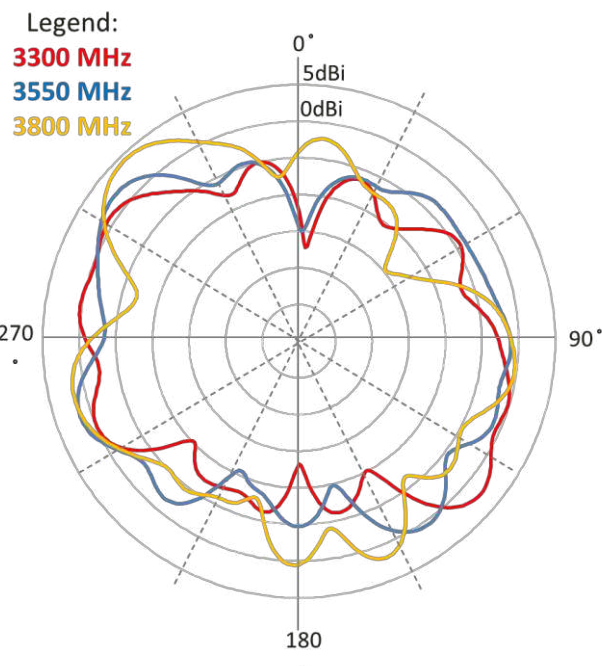
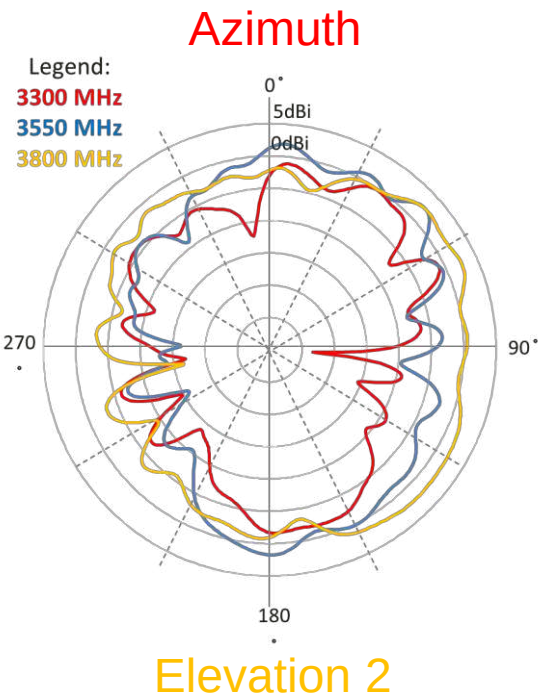
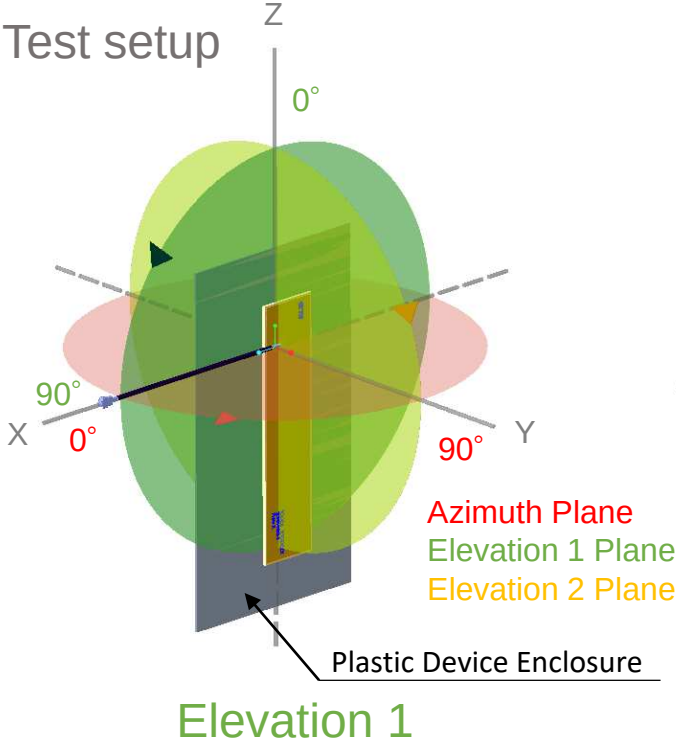
Data measured in free space and on plastic device enclosure

RADIATION PATTERN (Shown as 2367286-1 : Others can vary with deference cable Lengths.)



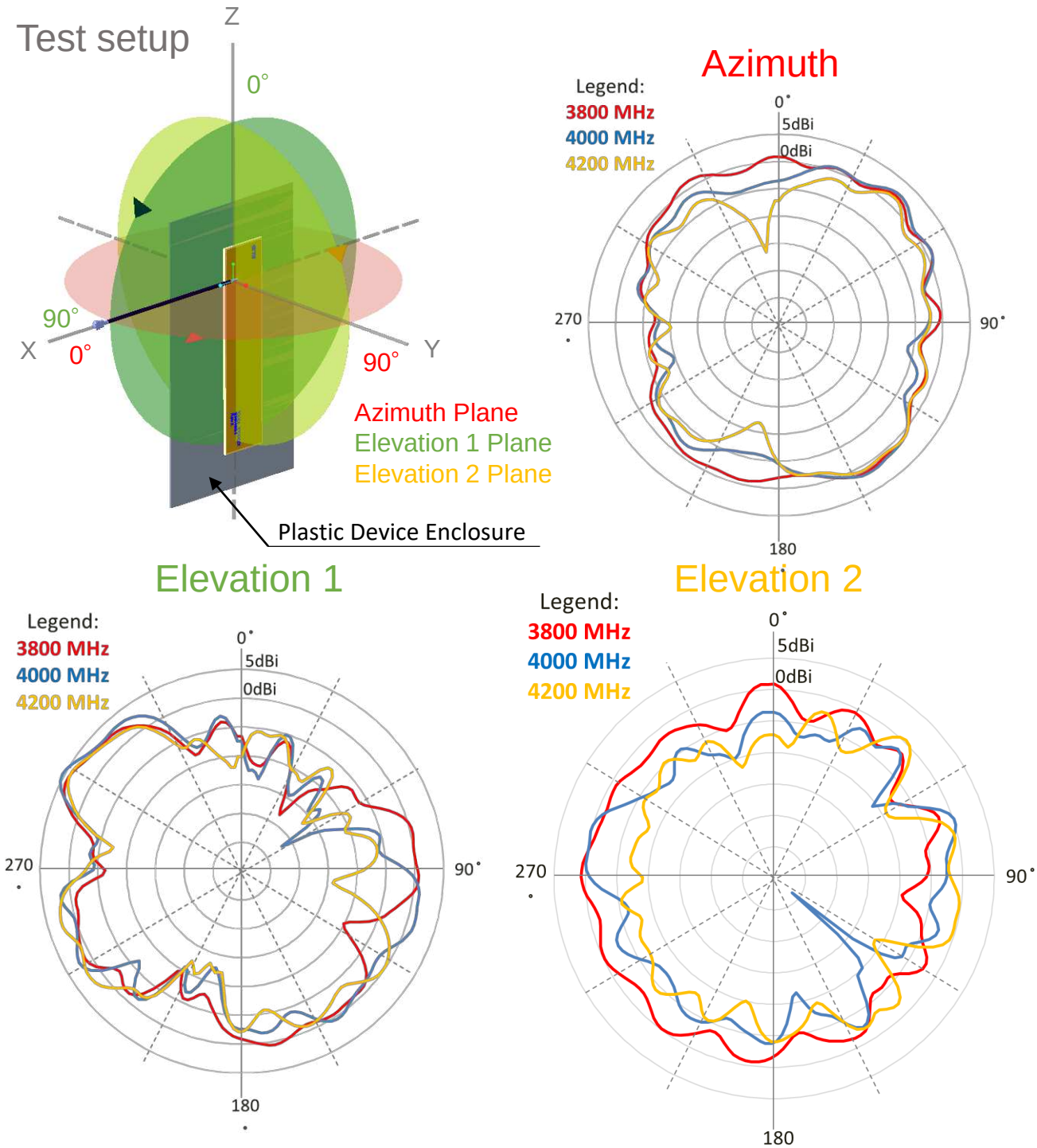
Data measured in free space and on plastic device enclosure

RADIATION PATTERN (Shown as 2367286-1 : Others can vary with deference cable Lengths.)



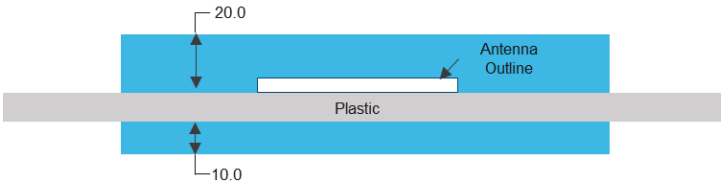
Data measured in free space and on plastic device enclosure

RADIATION PATTERN (Shown as 2367286-1 : Others can vary with deference cable Lengths.)



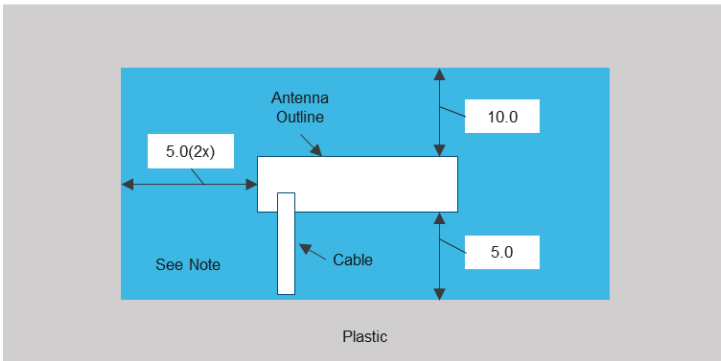
Data measured in free space and on plastic device enclosure

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.

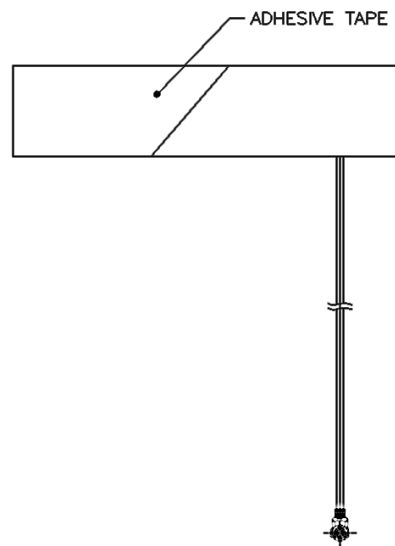
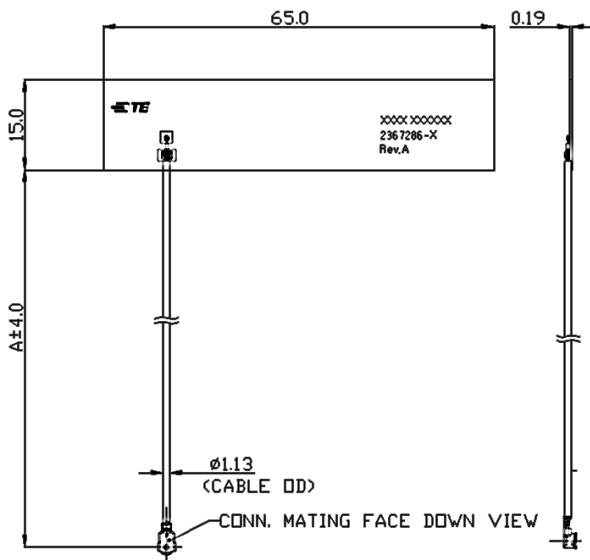


Dimension: mm

Diagrams is not to scale

DIMENSIONS

(Refer to Page10 for dimension "A")



As shown

2367286-1, 2367286-2, 2367286-5, 2367286-6, 2367286-7, 2367286-9

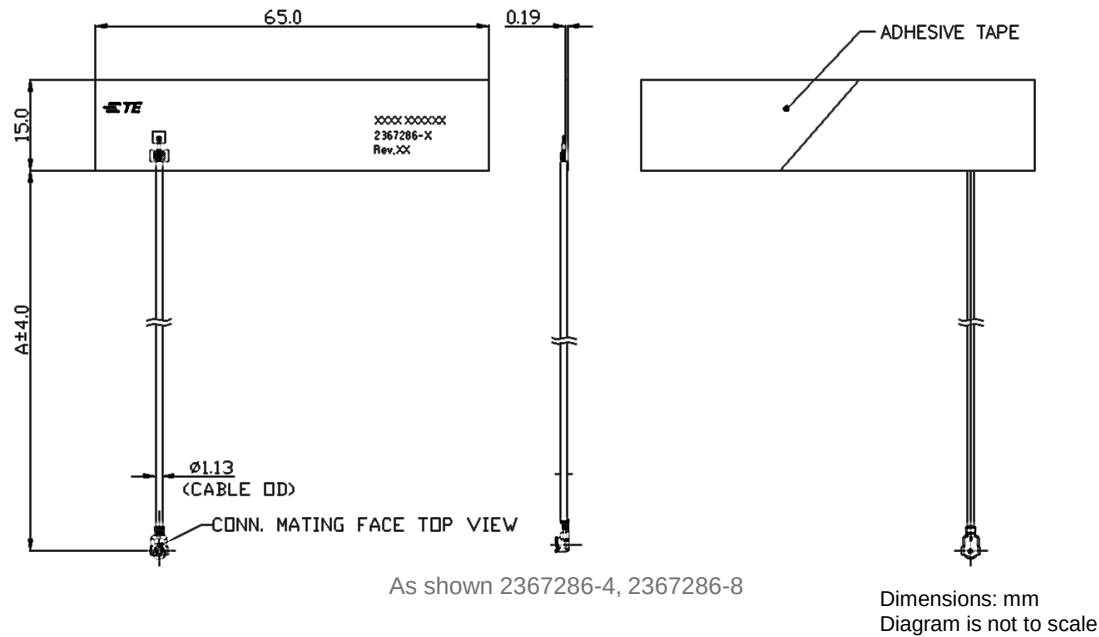
1-2367286-1, 1-2367286-2, 1-2367286-3, 1-2367286-4, 1-2367286-5, 1-2367286-6, 1-2367286-7

Dimensions: mm

Diagram is not to scale

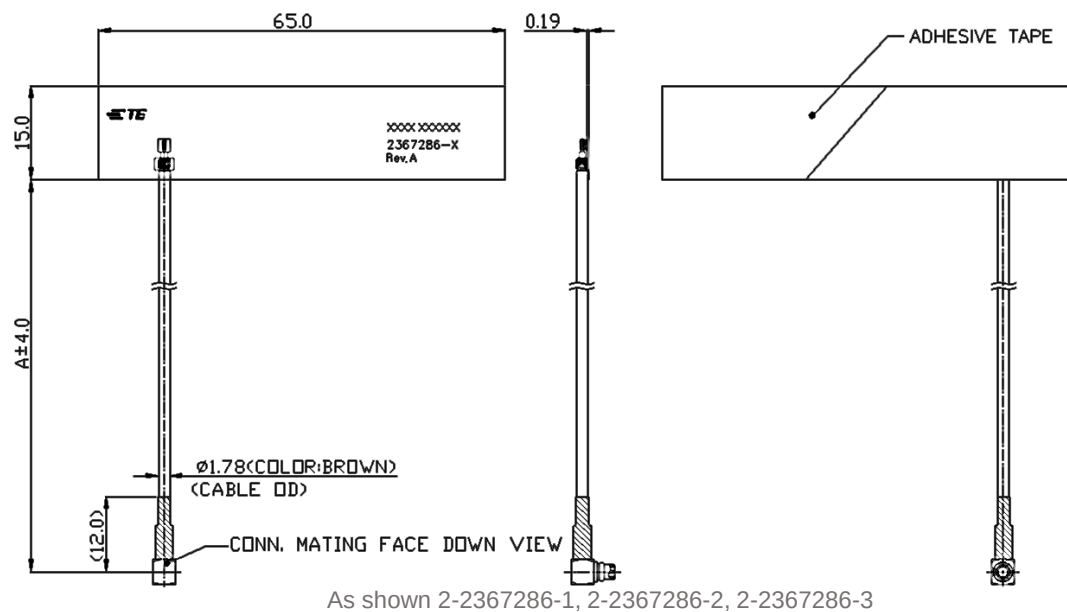
DIMENSIONS

(Refer to Page10 for dimension “A”)

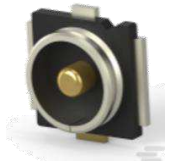


DIMENSIONS

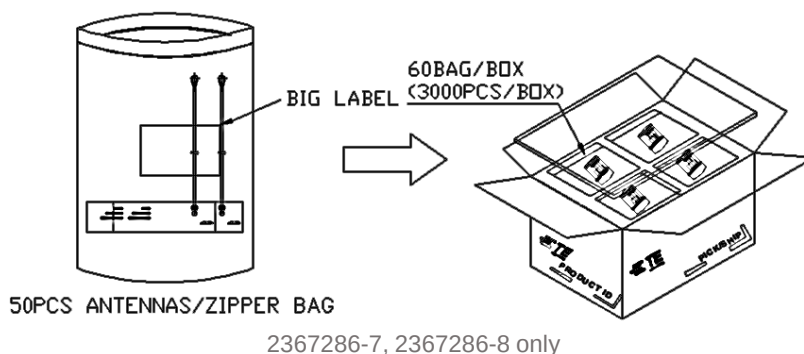
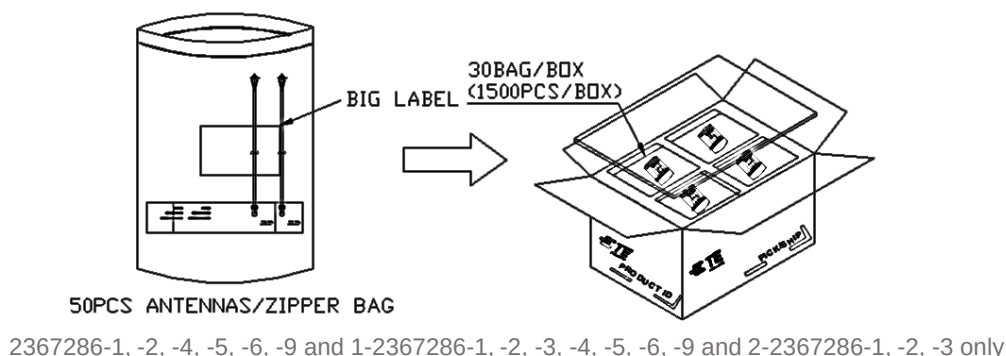
(Refer to Page10 for dimension “A”)



MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

2-2367286-3	300	11.81	1.78	MMCX-TYPE PLUG	RECEPTACLE (TE PN: 1-1634010-0)	
2-2367286-2	200	7.87	1.78	MMCX-TYPE PLUG	RECEPTACLE (TE PN: 1-1634010-0)	
2-2367286-1	150	5.90	1.78	MMCX-TYPE PLUG	RECEPTACLE (TE PN: 1-1634010-0)	
1-2367286-3	300	11.81	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
1-2367286-2	250	9.84	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-1	200	7.87	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-9	150	5.90	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-8	150	5.90	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
1-2367286-1	100	3.93	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)	
2367286-2	50	1.97	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2367286-7	26	1.02	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
1-2367286-6	300	11.81	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2367286-5	250	9.84	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2367286-5	200	7.87	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2367286-7	150	5.90	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
1-2367286-4	100	3.93	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)	
PART NUMBER	MM	INCH	CABLE (OD) mm	CONNECTOR TYPE (ON CABLE)	PART NUMBER	IMAGE
	CABLE LENGTH(A)				MATING COMPONENTS	

PACKAGING



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