



## Wi-Fi 6/ 6E TRIPLE BAND EMBEDDED ANTENNA

**Part Numbers: 2118907-1, 2118907-2  
2118907-3, 2118907-4, 2118907-5  
2118907-6, 2118907-7, 2118907-8  
2118907-9**

### FEATURES & BENEFITS

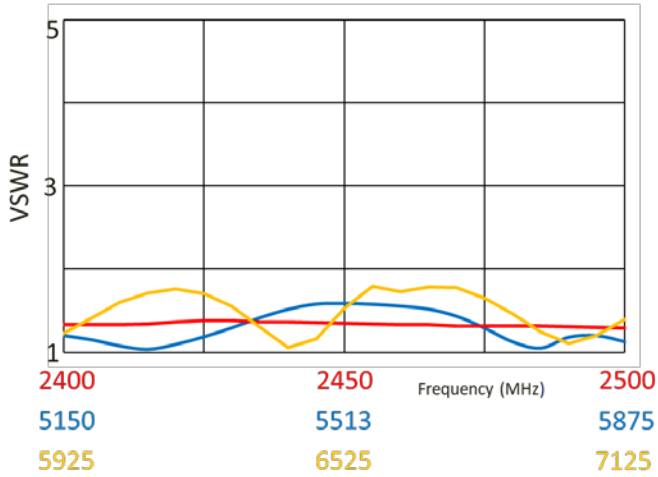
- Wi-Fi 6, also including WiFi 6E new 6GHz band, Bluetooth, ZigBee
- Flexible PCB antenna assembly
- Adhesive backing on the flexible PCB simplifies mounting within the device
- Global Frequency coverage
- Different cable length and connector options available

### SPECIFICATIONS (Shown as 2118907-1 : Others can vary with different cable lengths.)

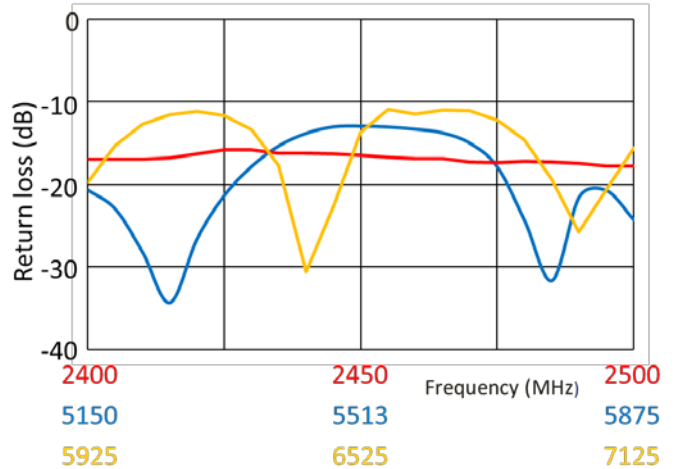
<b>Frequency Range (MHz)</b>	2400-2500	5150-5875	5925-7125
<b>VSWR</b>	< 1.4:1	< 1.6:1	< 1.9:1
<b>Average Efficiency</b>	82%	73%	75%
<b>Peak Gain</b>	3.0 dBi	3.1 dBi	3.5 dBi
<b>Average Gain</b>	-0.9dBi	-1.4dBi	-1.4dBi
<b>Power Handling</b>	10-Watt cw		
<b>Feed Point Impedance</b>	50 ohms unbalanced		
<b>Polarization</b>	Linear		
<b>Size</b>	29.60 mm x 41.24 mm x 0.34 mm		
<b>Weight</b>	< 3.3 g		
<b>Mounting</b>	Adhesive Tape		
<b>Mating Connector</b>	MHF and MHF4-type Refer to page 5		
<b>Cable (Coaxial)</b>	1.37mm and 1.13mm Dia. Refer to page 5		
<b>Operating Temperature</b>	-40 to +85°C		
<b>Storage Temperature</b>	-40 to +85°C		
<b>Hazardous Materials</b>	A certificate of conformance is available from the product page on TE website.		

RF DATA (Shown as 2118907-1 : Others can vary with different cable lengths.)

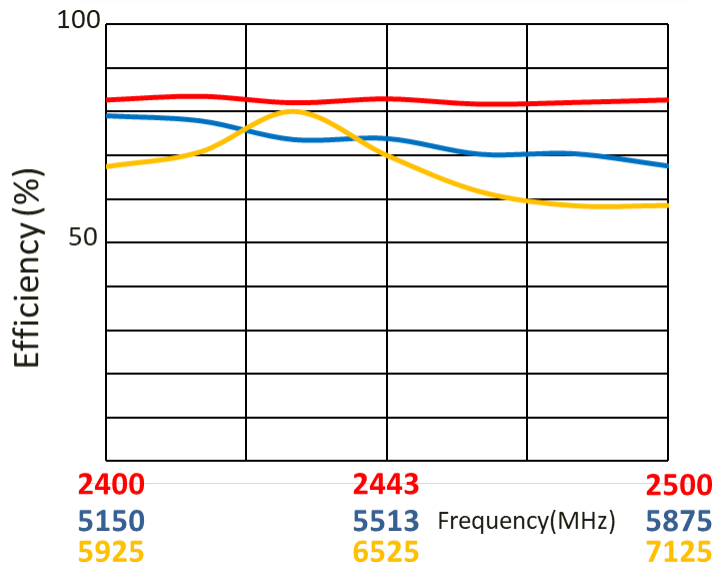
VSWR



Return Loss



Efficiency

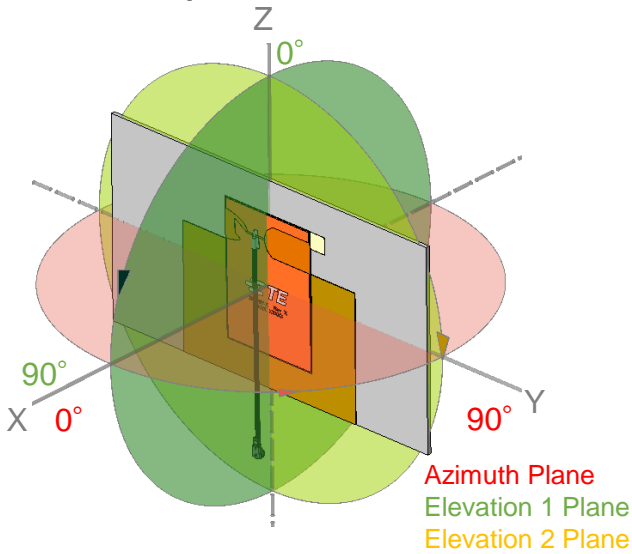


Data measured in free space and on plastic device enclosure

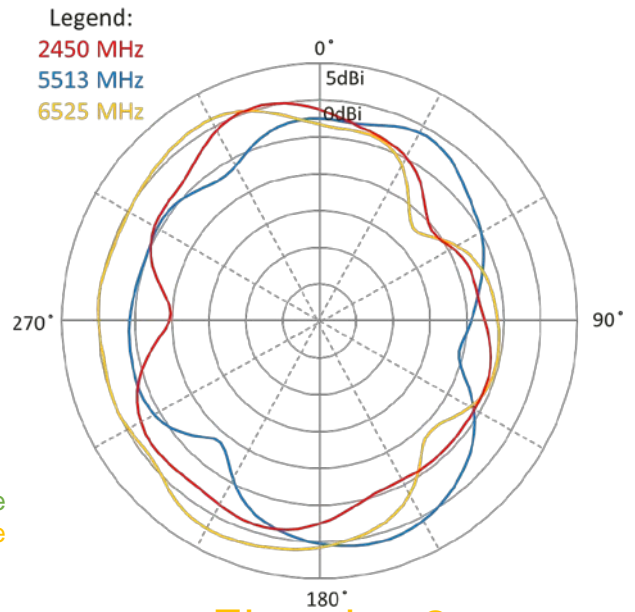
# RADIATION PATTERN

(Shown as 2118907-1 : Others can vary with different cable lengths.)

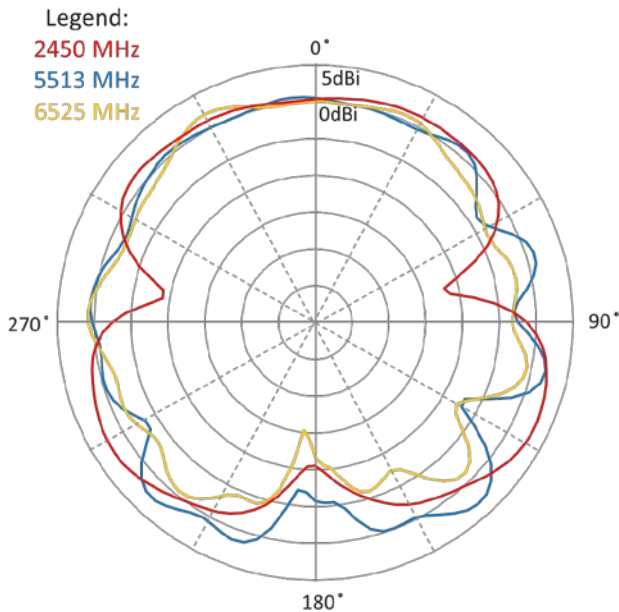
## Test setup



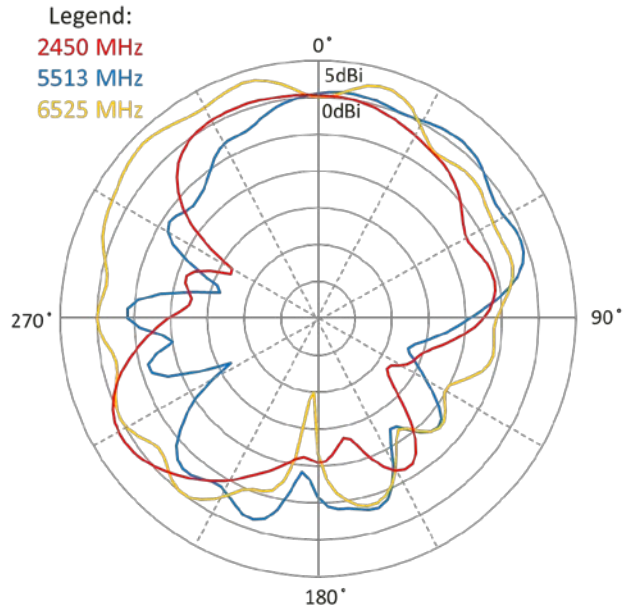
## Azimuth



## Elevation 1

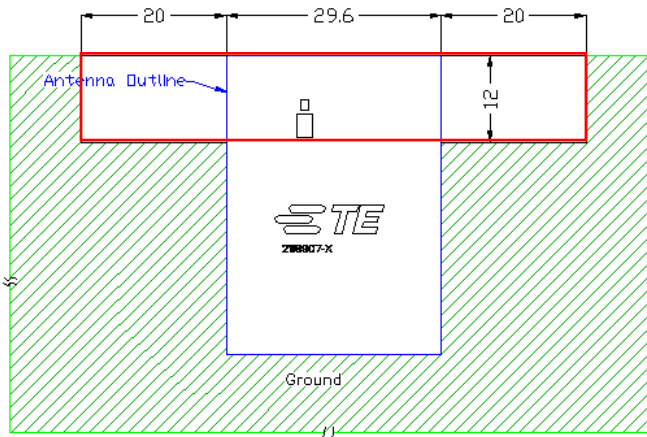


## Elevation 2



Data measured in free space and on plastic device enclosure

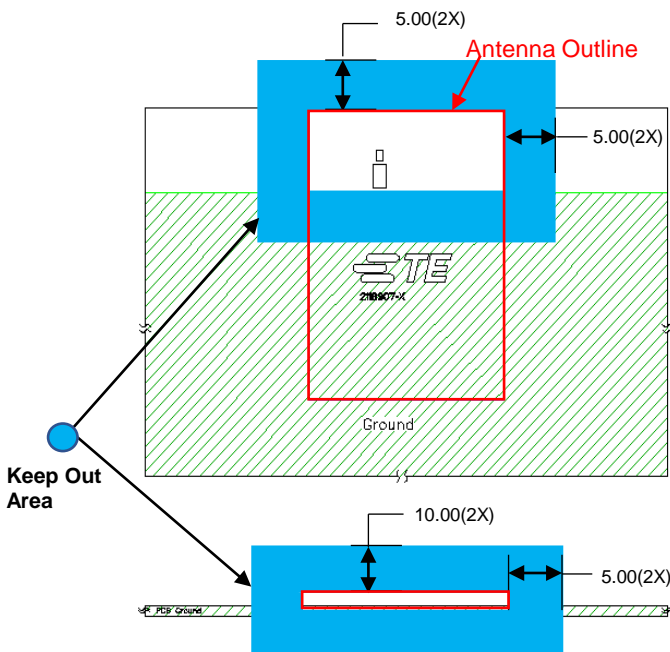
## MOUNTING GUIDE



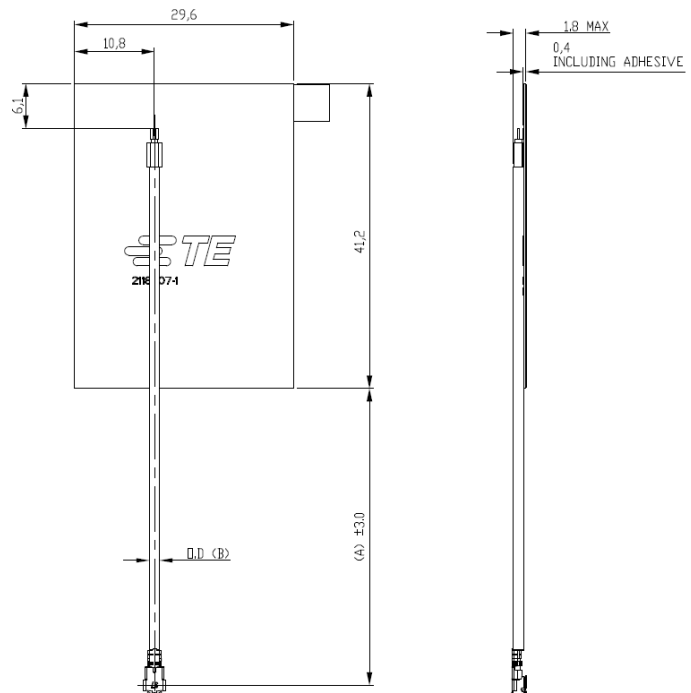
- NOTES: 1. No copper allowed in designated area on all PCB layers –   
 2. For more information please call TE.

Dimensions: mm  
 Diagram is not to scale

## KEEP OUT AREA



## DIMENSIONS



Dimensions: mm  
 Diagram is not to scale