



Wi-Fi 6/ 6E TRIPLE BAND EXTERNAL ANTENNA

**Part Numbers: 2108923-1, 2108923-2
2108923-3, 2108923-4**

FEATURES & BENEFITS

- Wi-Fi 6, also including Wi-Fi 6E new 6GHz band, Bluetooth and ZigBee
- 90 degree hinge type SMA / RP-SMA connector terminal mount
- No matching circuits required

SPECIFICATIONS

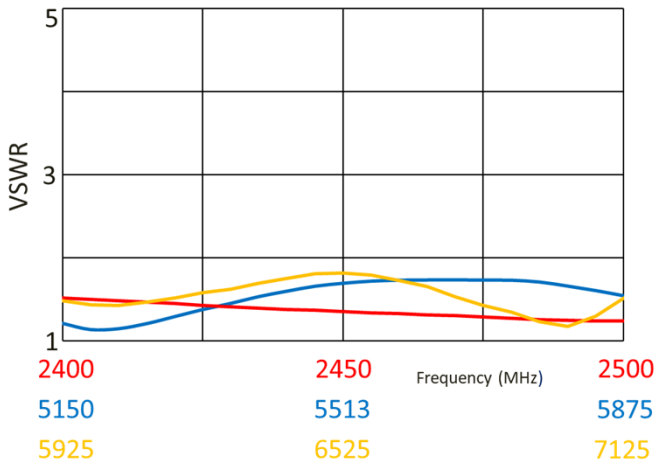
Frequency Range (MHz)	2400 - 2500	5150 - 5875	5925 – 7125
VSWR	< 1.6:1	< 1.8:1	< 1.9:1
Average Efficiency	82 %	80 %	78 %
Peak Gain	2.3 dBi	3.2 dBi	2.5 dBi
Average Gain	-0.9 dBi	-1.0 dBi	-1.1 dBi
Power Handling	10 Watt cw		
Feed Point Impedance	50 ohms		
Polarization	Linear		
Size	19.91mm x 135.80 mm (Unfolded) 19.91mm x 115.00 mm (Folded)		
Weight	< 12.6 g		
Mounting	SMA Male / RP-SMA Male Terminal mount		
Mating Connectors	SMA Female / RP-SMA Female		
Operating Temperature	-40 to +85°C		
Storage Temperature	-40 to +85°C		
Packaging Specification	Bag & Box		
Hazardous Materials	A certificate of conformance is available from the product page on TE website		
Data measured in free space with hinge at 90 degree bend			

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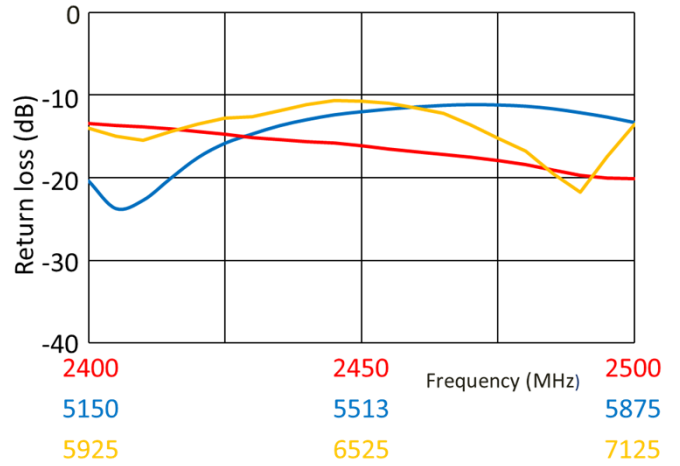
Standard Antenna Solutions

RF DATA

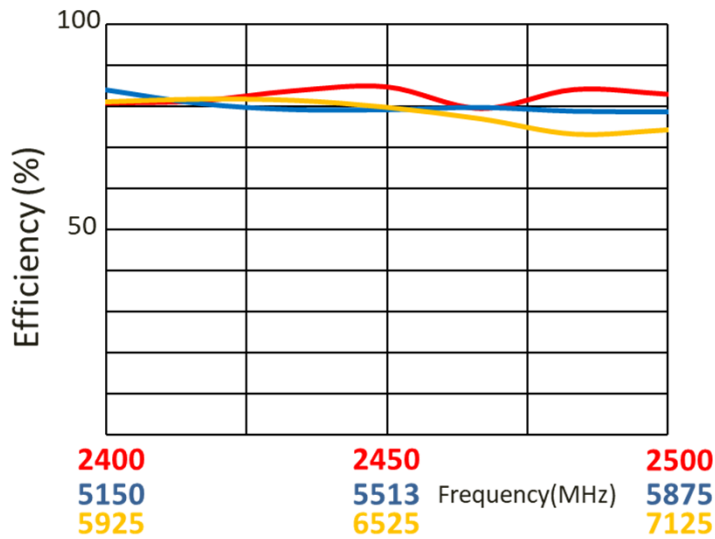
VSWR



Return Loss



Efficiency



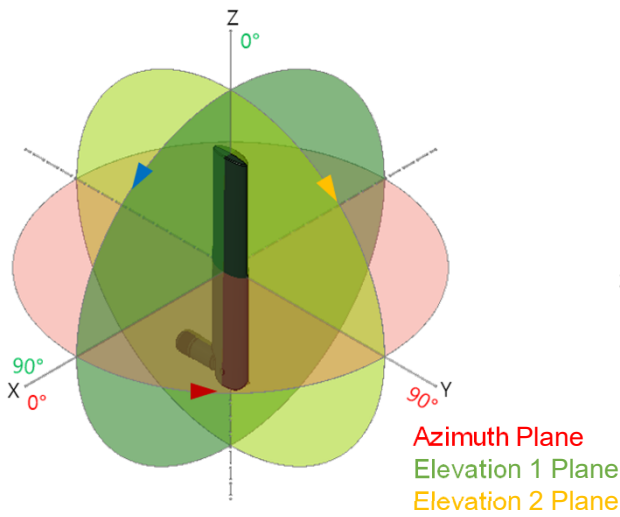
Data measured in free space and on plastic device enclosure

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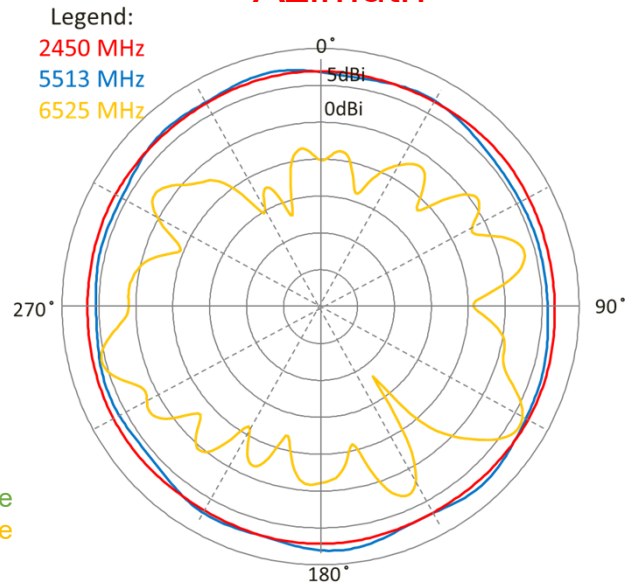
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RADIATION PATTERN

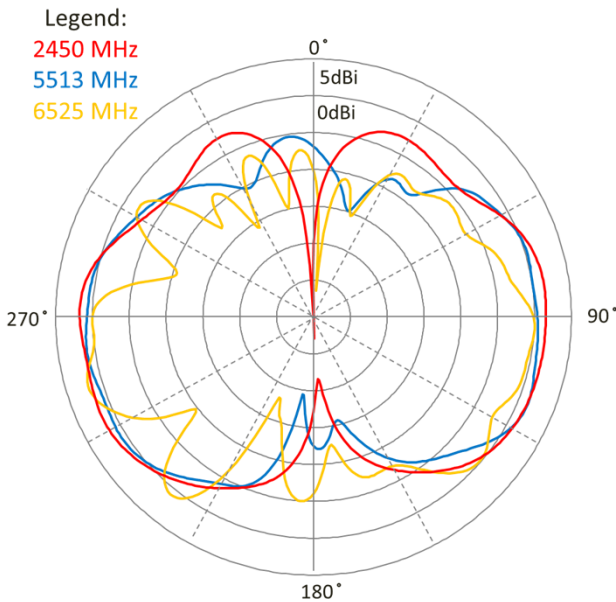
Test setup



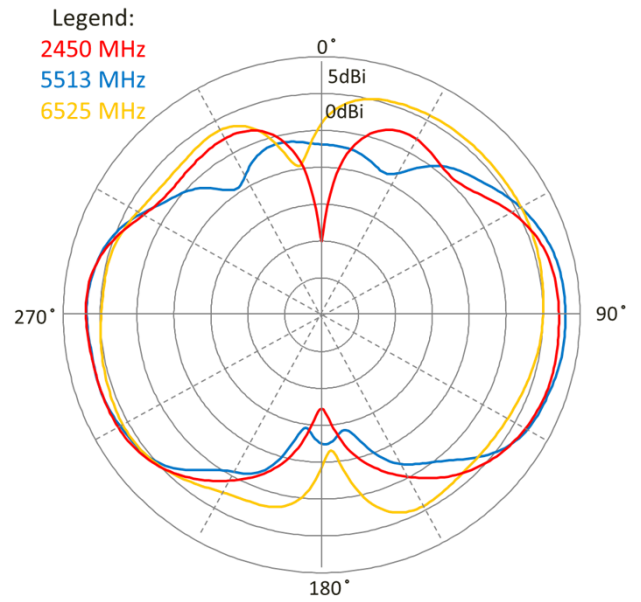
Azimuth



Elevation 1



Elevation 2

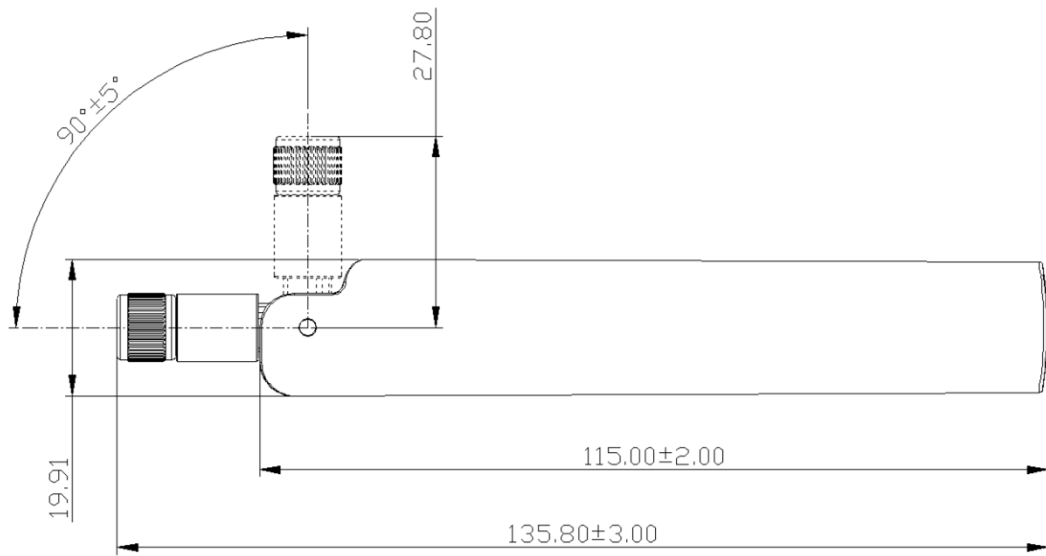


Data measured in free space and on plastic device enclosure

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DIMENSIONS










Dimensions: mm
Diagram is not to scale

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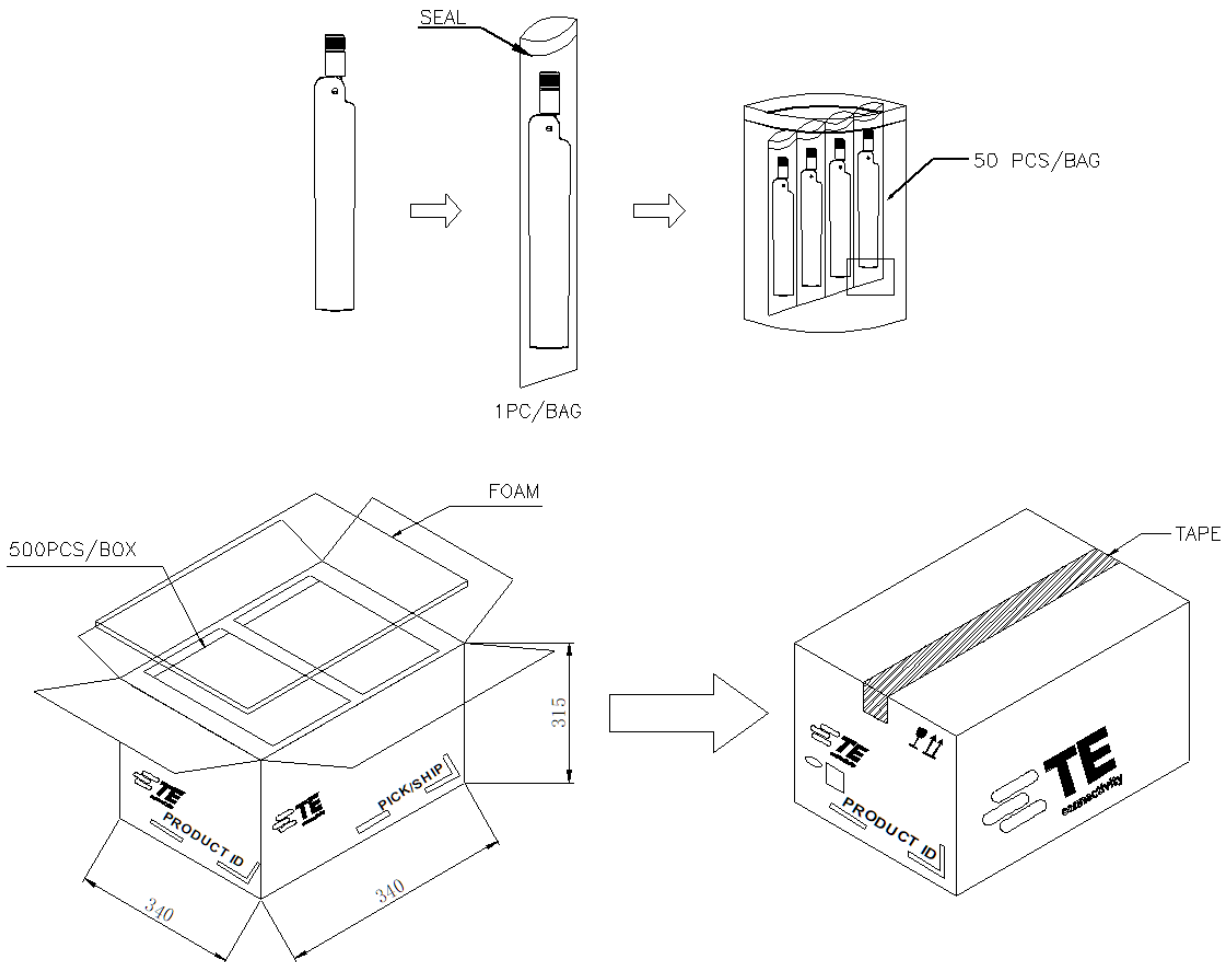
MATING COMPONENTS

2108923-4	WHITE	RP-SMA (Male)	2016504-1: RP-SMA jack, right-angle, PCB-mount 	2016693-2: RF CA, RP-SMA bulkhead to UMCC 2016693-4: RF CA, RP-SMA bulkhead to UMCC I 
2108923-3	BLACK	RP-SMA (Male)		2016695-2: RF CA, RP-SMA bulkhead to UMCC IV 2016695-4: RF CA, RP-SMA bulkhead to UMCC IV 
2108923-2	WHITE	SMA (Male)	5-1814400-2: SMA JACK, RIGHT ANGLE 	2016682-2: SMA GEN1 (MHF type),1.13 cable, Length=100mm 2016682-4: SMA GEN1 (MHF type),1.13 cable, Length=200mm 
2108923-1	BLACK	SMA (Male)	5-1814832-2: SMA JACK, VERTICAL 	2016694-2: SMA GEN4 (MHF4 type),1.13 cable, Length=100mm 2016694-4: SMA GEN4 (MHF4 type),1.13 cable, Length=200mm 
PART NUMBER	COLOR	CONNECTOR TYPE	RF CONNECTOR	SMA JACK TO MICRO COAX CABLE ASSEMBLIES
MATING COMPONENTS				

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PACKAGING



TE TECHNICAL SUPPORT CENTER

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- Mexico: +52 (0) 55-1106-0800
- Latin/S. America: +54 (0) 11-4733-2200
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- UK: +44 (0) 800-267666
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04/2021

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