423-443 MHz Single Band External ANTENNA

Part Numbers: 2195892-1

FEATURES & BENEFITS

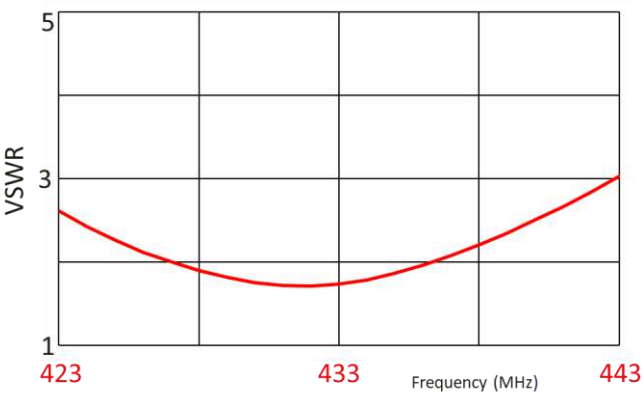
- 433MHz ISM single band antenna
- External chassis mount antenna
- ROHS compliant

SPECIFICATIONS

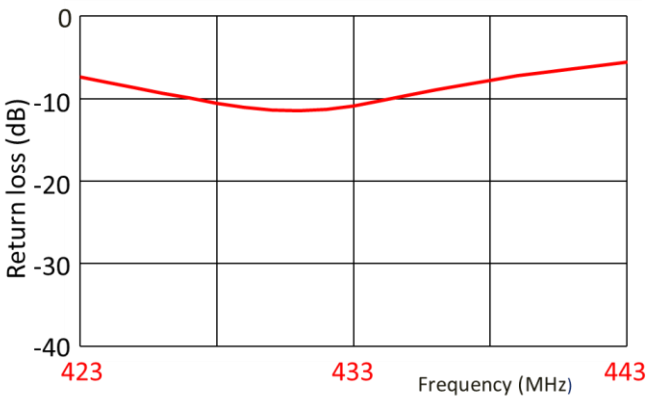
Frequency Range (MHz)	423-443
VSWR	< 3.1:1
Average Efficiency	23%
Peak Gain	-3.5 dBi
Average Gain	-6.5dBi
Power Handling	10 Watt cw
Feed Point Impedance	50 ohms
Polarization	Linear
Size	47mm x ø 7.8 (mm)
Weight	< 6.5 g
Mounting	Terminal mount
Mating Connector	SMA Female
Cable	N/A
Operating Temperature	-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

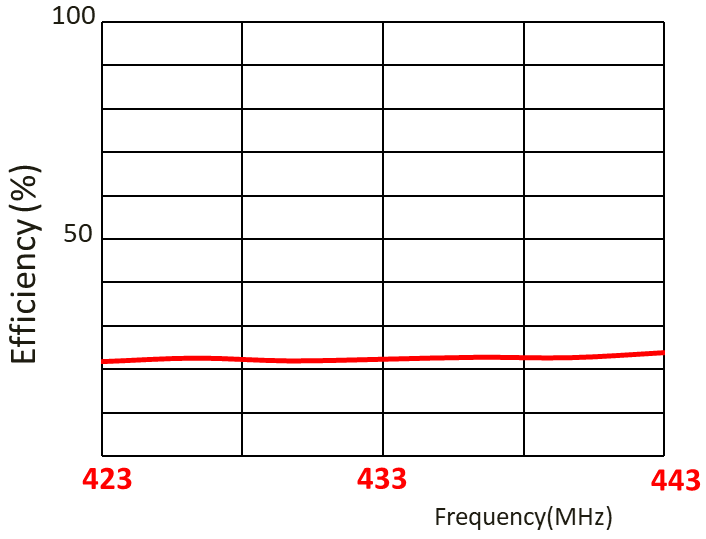
VSWR



Return Loss

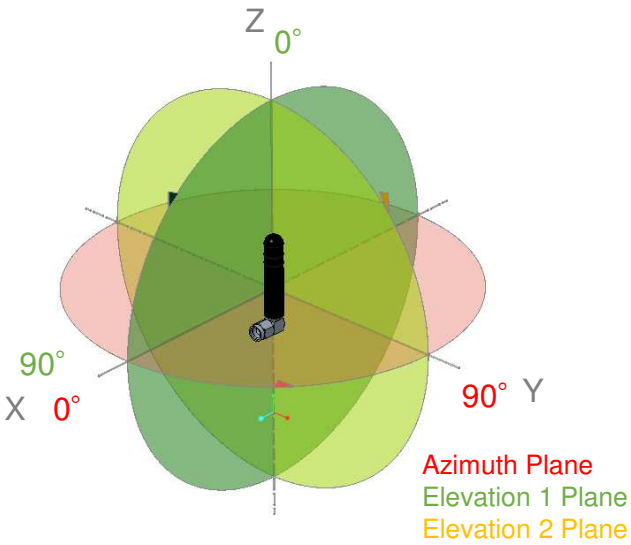


Efficiency

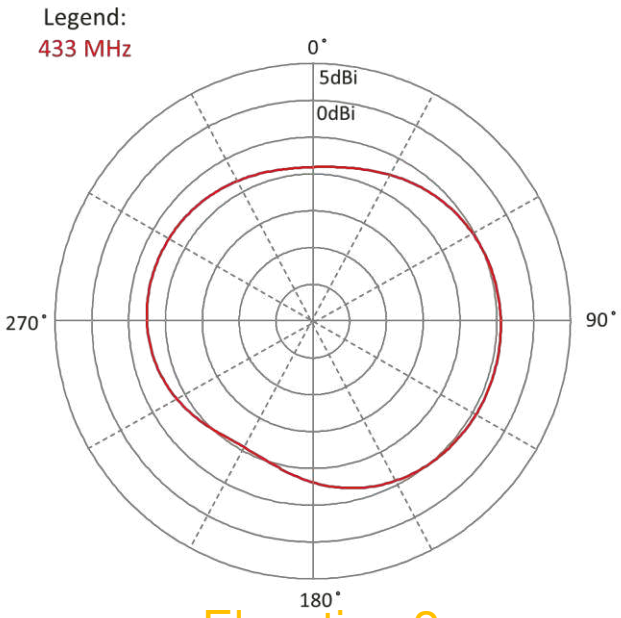


RADIATION PATTERN

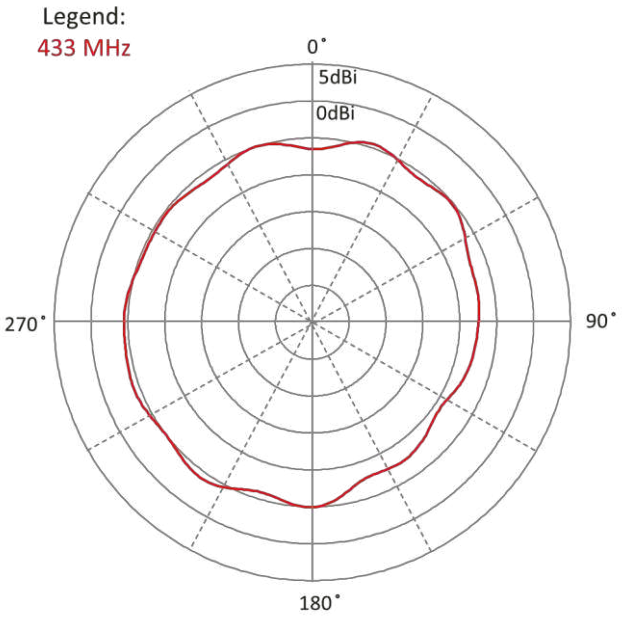
Test setup



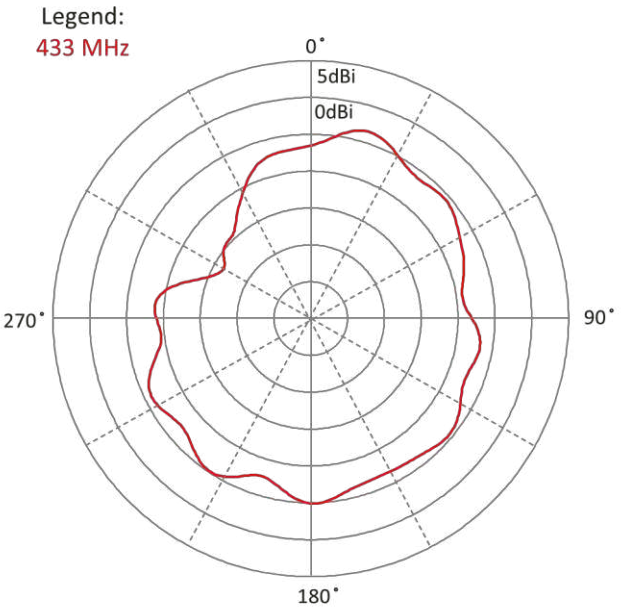
Azimuth



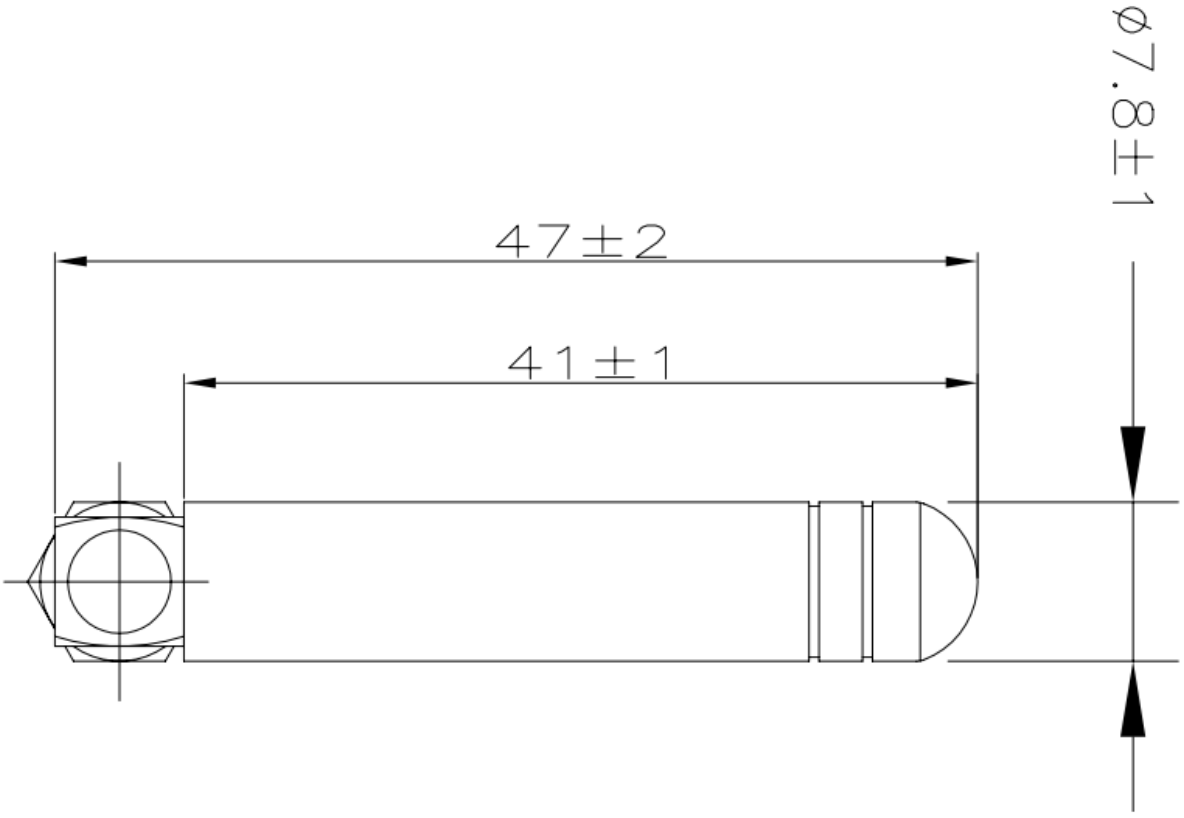
Elevation 1



Elevation 2

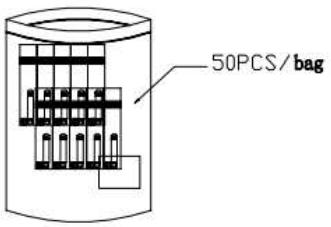


DIMENSIONS

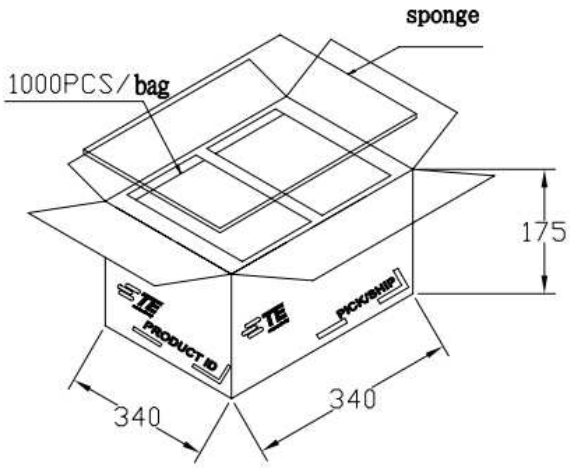


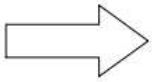
Dimensions: mm
Diagram is not to scale

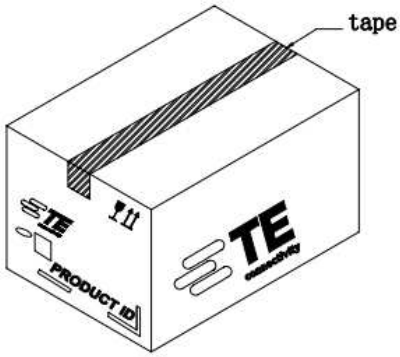
PACKAGING



NOTES:
THE PACKAGE MUST MEET REQUIREMENT OF STANDARD TEC-107-115







TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

For phone numbers in other countries, go to te.com/support-center

te.com

02/2021