



Antenna Reference Design Specification

Date: 03/07/2024
Model Number: FBO-2005-ANT
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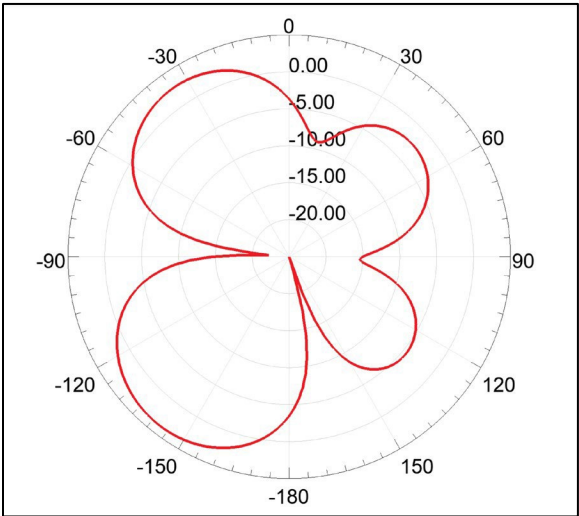
1.0 GENERAL INFO

Brand Name	Trackonomy Systems
Manufacturer	Trackonomy Systems, Inc. (Custom Design)
Manufacturer Address	214 Devcon Dr, San Jose, CA 95112 United States
Model Number	FBO-2005-ANT
Antenna Type	Inverted F PCB Antenna
Max Gain	1.5dBi

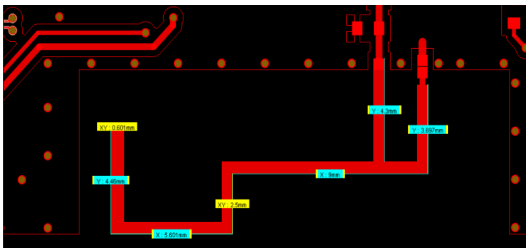
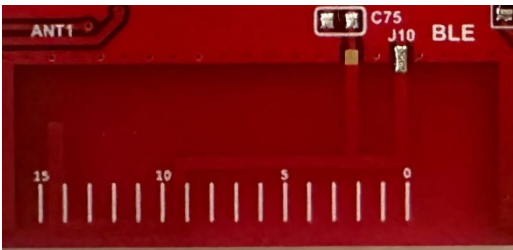
2.0 GAIN TABLE

Frequency (MHz)	Antenna Gain (dBi)
2400	1.45
2440	1.5
2483.5	1.45

3.0 ANTENNA PATTERN



4.0 ANTENNA PICTURE



5.0 ANTENNA SPECIFICATIONS

Trace Length	29.55 mm
Trace Width	0.6 mm
Trace Thickness	1.4 mil
Impedance	50Ω
Dielectric Constant	3.8