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Approved by Anders Brändström	Project Bluewater Wireless System	Approval date 2024-09-17	

# MIFA Antenna Specification

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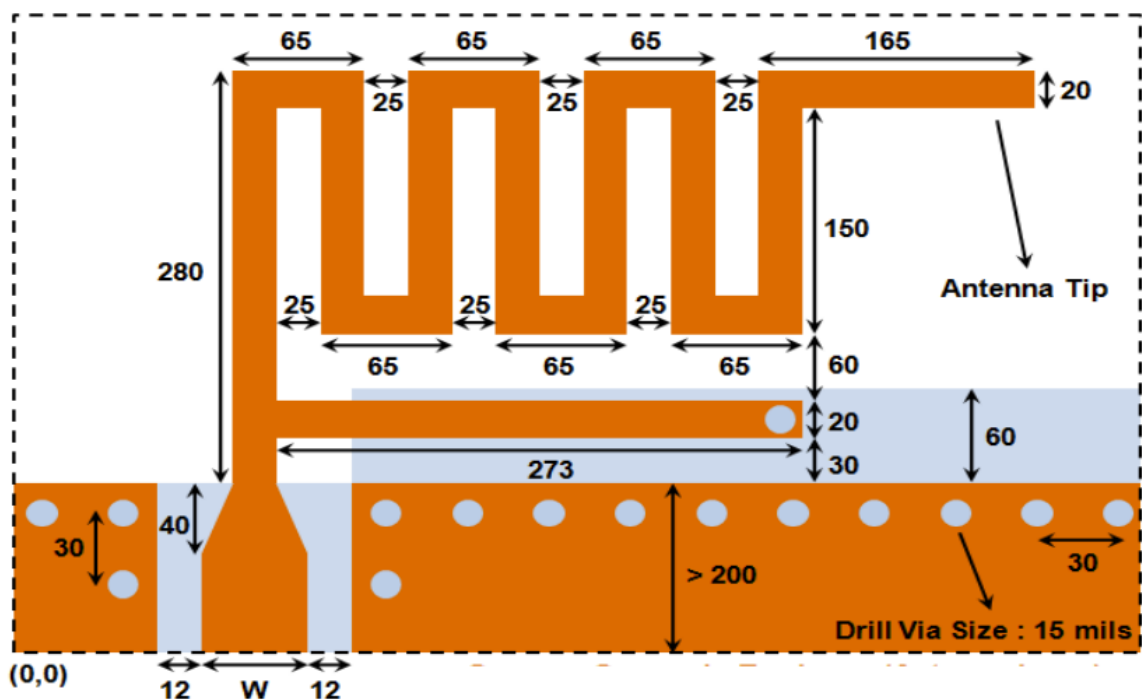
## 2 Specifications

### 2.1 General Specifications

Center Frequency	2440 MHz
Max Gain	1.6 dBi
Polarization	Linear
Return Loss	> 20 dB @ 2440 MHz
Bandwidth	230 MHz (RL > 10 dB)
Operating Temperature	Refer to PCB specifications
Storage Temperature	Refer to PCB specifications
Impedance	50 Ohms

### 2.2 Mechanical Dimensions

The dimensions of the antenna are specified below. All figures are in mils.



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Metric	mm	mils
Length	11.1	437
Width	7.2	284
Thickness	PCB dependent	

2.3 Typical Electrical Characteristics

