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

MIFA Antenna Specification

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Issued by: **Markus Karlsson**

Approved by: **Anders Brändström**

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Manufacturer : **Bluewater Sweden AB**
Address : **Danderydsgatan 11 11426 Stockholm Sweden**

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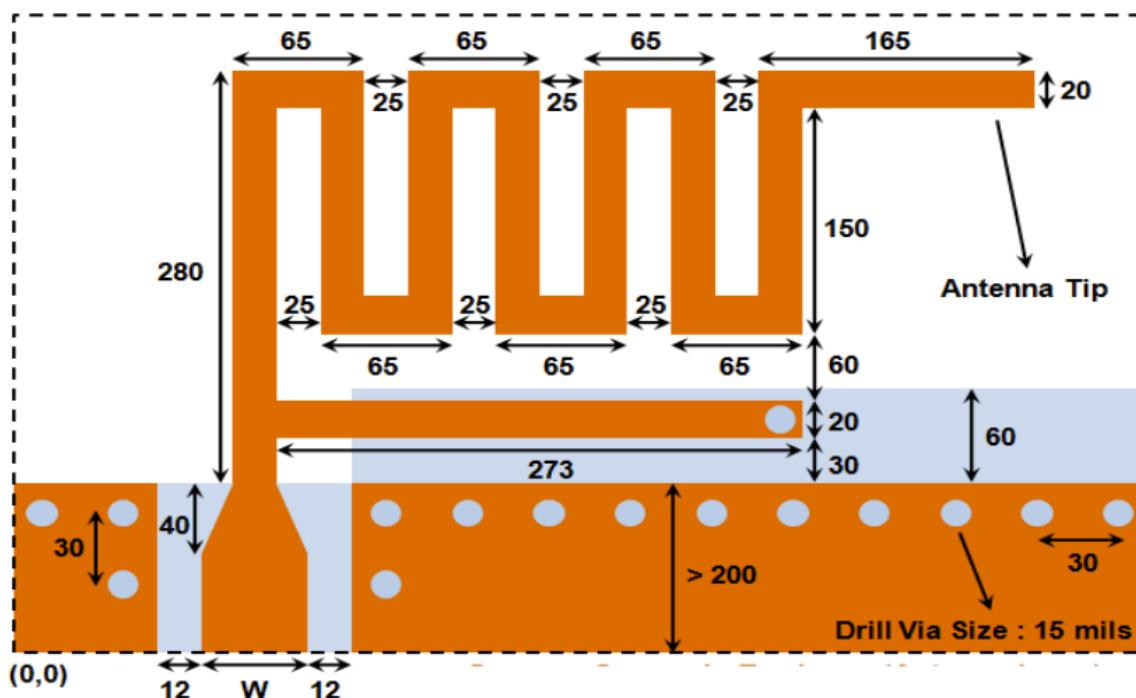
2 Specifications

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

