

Specification of Antenna

Model No. : Mantis

Antenna Type : PCB ON Board Antenna

Length Closed : 89.272mm

Length Open : N/A

width : 1.5mm

No. of element : N/A

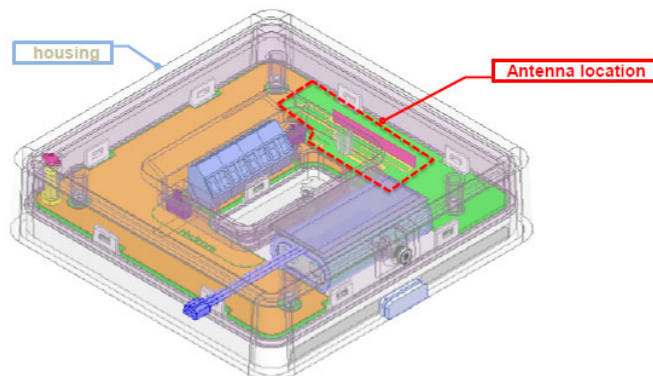
Antenna Gain : 3 dB

Total Resistance : $<0.1\Omega$

Temperature : $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

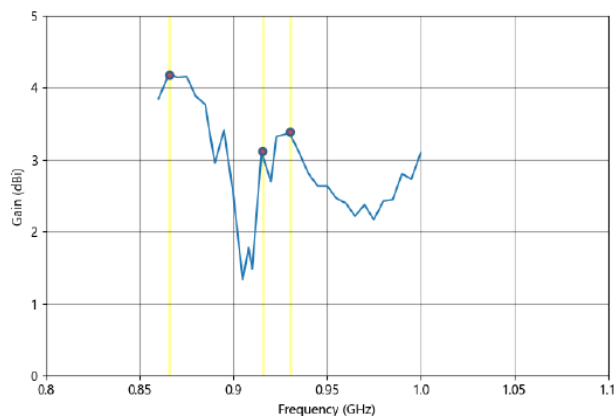
Antenna Simulation Structure Diagram

Type 1



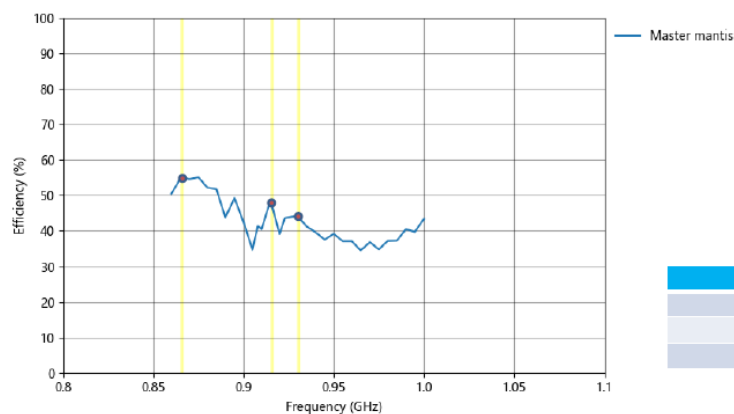
▲ Antenna Simulation Structure

Antenna Measurement Peak Gain



Frequency	Gain (measurement)
865.5 MHz	4.19 dBi
915 MHz	3.11 dBi
930 MHz	3.38 dBi

Antenna Measurement Efficiency



Frequency	Efficiency (measurement)
865.5 MHz	55.08 %
915 MHz	48.53 %
930 MHz	44.26 %