

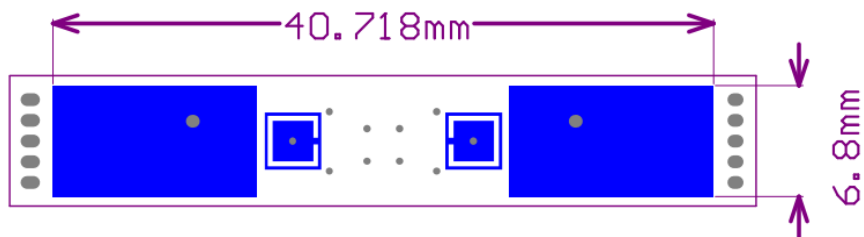
# Antenna Specifications

Manufacturer: Airtouch (Shanghai) Intelligent Technology Co., Ltd

Address: Room 902, Building 2, No. 88 Shangrong Road, Pudong New Area, Shanghai, China

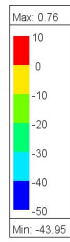
Design Specifications	Typical
Antenna Type*	Patch
Working Frequency	5.83-5.87 GHz
Max Antenna Gain	1.7 dBi
Antenna Efficiency	$\geq 30\%$
VSWR	$\leq 2$
Impedance	50 ohm
Overall Dimensions*	40.718mm * 6.8 mm

- **Schematic**

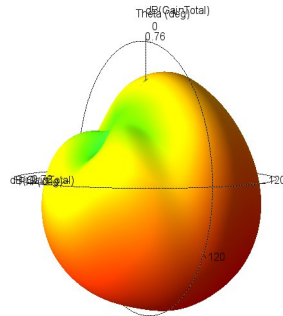


## ● 3D Antenna Gain

Ansys Inc.



Gain Plot 2

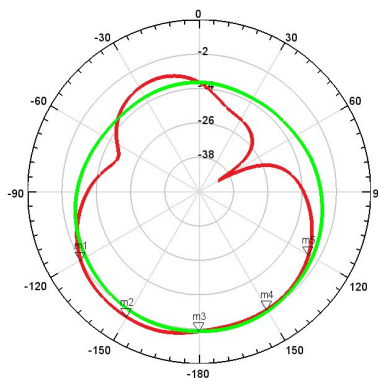


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## ● 2D Antenna Gain

Name	Theta [deg]	Ang	Mag
m1	-120	-120.0000	-2.1466
m2	-150	-150.0000	0.5887
m3	-180	-180.0000	-1.2081
m4	150	150.0000	-2.5308
m5	120	120.0000	-5.7997

Gain Plot 1



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