

Product specification

PRODUCT NAME:2.4/5GAntenna

Model :RF11C02085S

Applicant : ItonTechnologyCorp

Address : 7 Floor East, Building C, Shenzhen International Innovation
Center, No.1006 Shennan Rd. Futian Dis

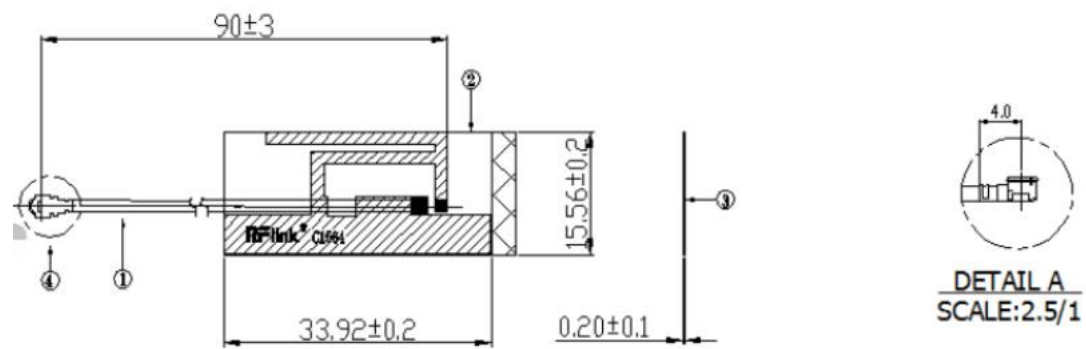
Contents

1. Specification.....	3
2. Finished picture.....	4
3. Network analyzer test data.....	4
4. Efficiency.....	5
5. 3D Raditation Pattern.....	6
6. ROHS / Raw material list.....	8

1.Specification

Main technical specifications	
Frequency Range (MHZ)	2400~2500,5150-5845
Impedance(Ω)	50
Peak Gain(dBi)	3.3
VSWR	≤ 2.0
Admitted Power	1W
Polarization	Linear,Vertical
Radiation	Omni-directional
Connector Type	Cable+Connector
Physical Properties	
Antenna cover	FPC
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃

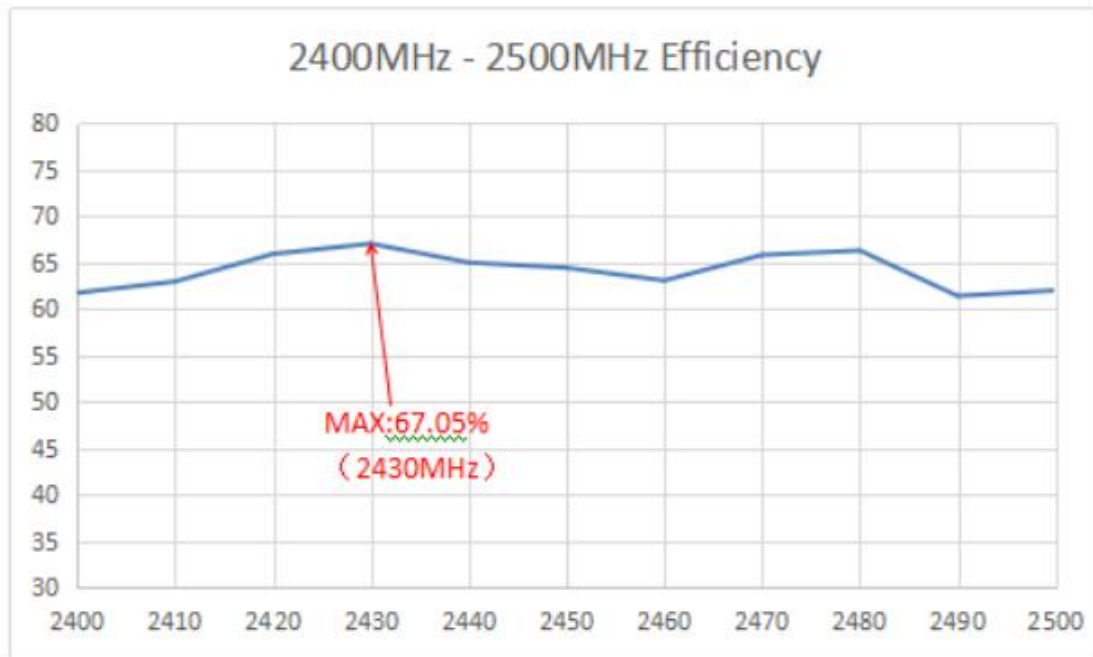
2.Finished picture



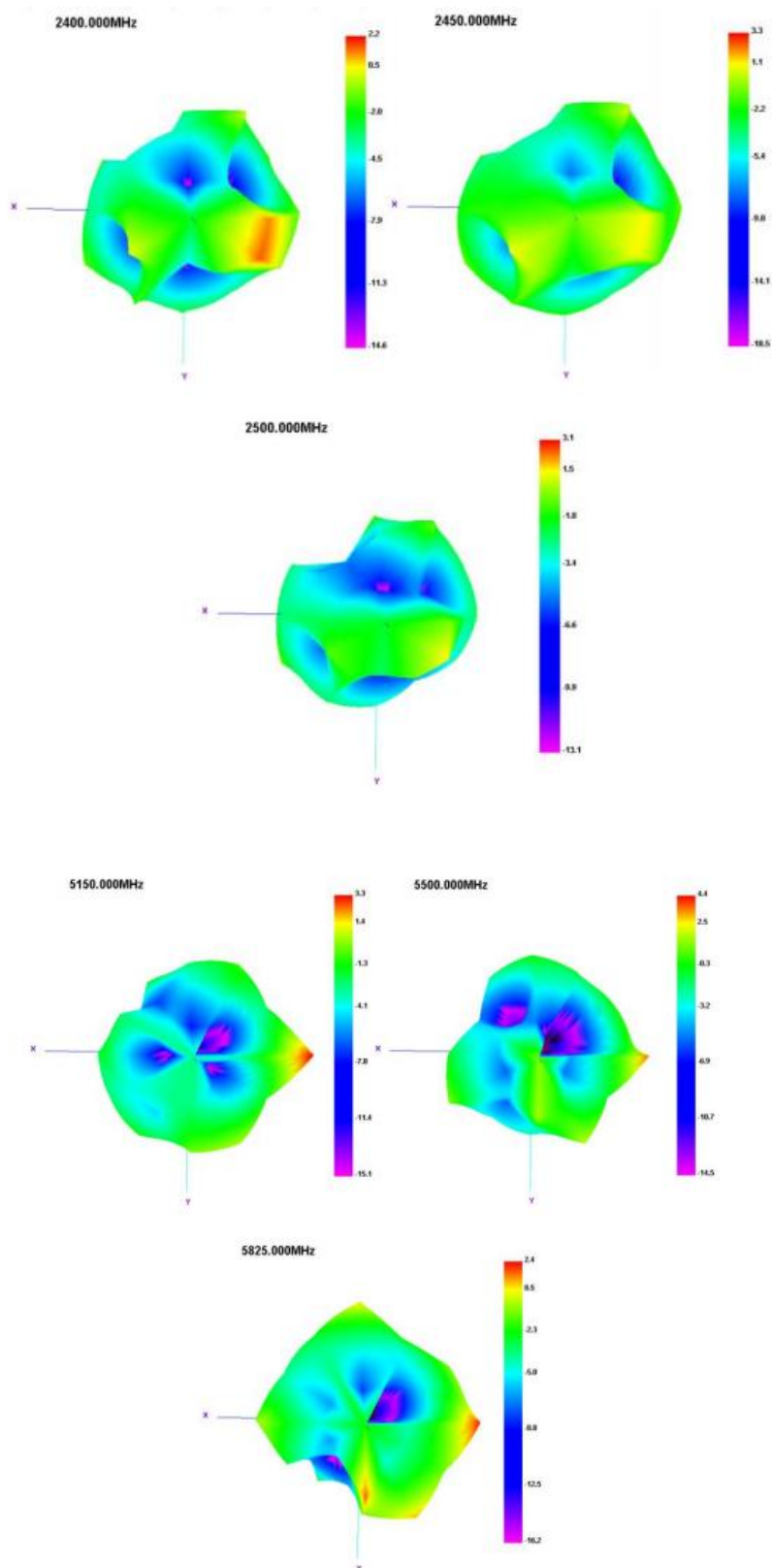
3.Network analyzer test data



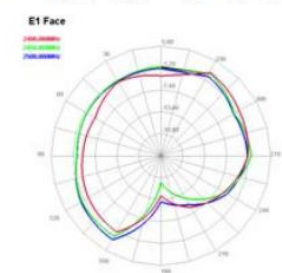
4.Efficiency



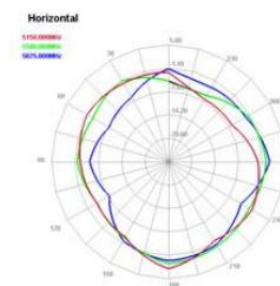
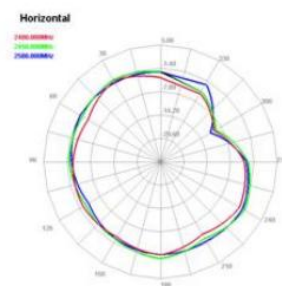
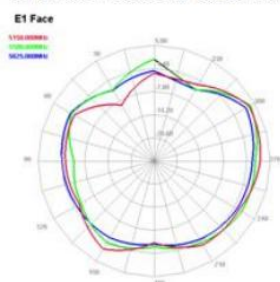
5.3D Raditation Pattern



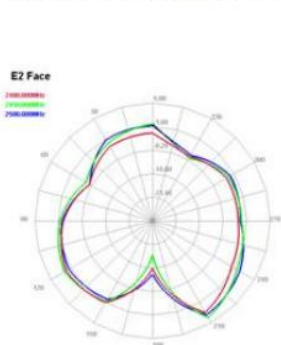
2.4G 高中低三个频点 XOZ 面 (E1 面) 增益图



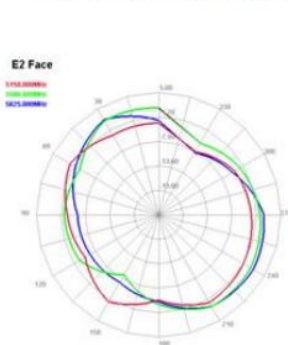
5G 高中低三个频点 XOZ 面 (E1 面) 增益图



2.4G 高中低三个频点 XOY 面 (H 面) 增益图



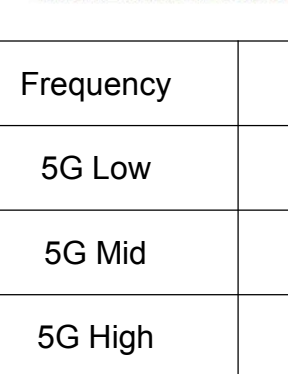
5G 高中低三个频点 XOY 面 (H 面) 增益图



2.4G 高中低三个频点 YOZ 面 (E2 面) 增益图



5G 高中低三个频点 YOZ 面 (E2 面) 增益图



Frequency	Gain	Frequency	Gain
2.4G Low	2.2	5G Low	3.3
2.4G Mid	3.3	5G Mid	3.3
2.4G High	3.1	5G High	2.4

6.ROHS / Raw material list

RF11C02085S RoHS compliant

No.	Component Name	Raw material main material	Quantity	Unit	Material Manufacturers	UL certification No.	Remarks
1	1.13 cable	Tin plating/FPE	1	PCS	Kai Bo/Hai Lian Tong	/	
2	FPC	PI	1	PCS	Dong Zhi Yu/Ying Tong	/	
3	Connector	Copper	1	PCS	Ke Xin Cheng	/	