

# Product specification

PRODUCT NAME:2.4/5GAntenna

Model :RF11C02085S

Applicant : ItonTechnologyCorp

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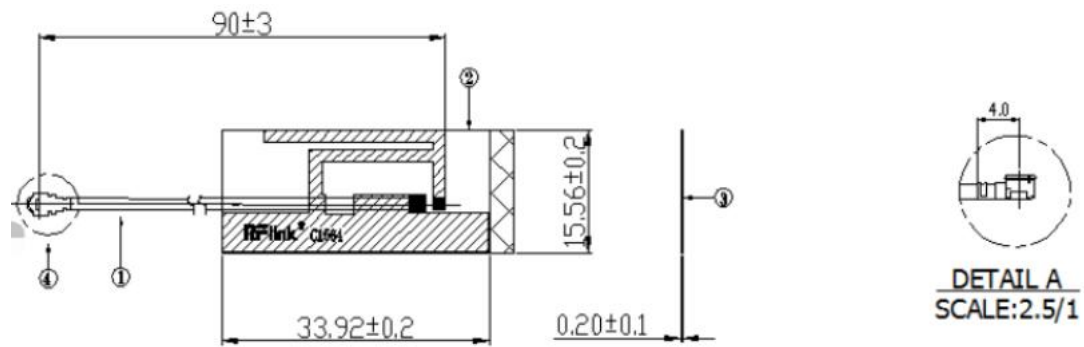
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## 1.Specification

Main technical specifications	
Frequency Range (MHZ)	2400~2500,5150-5845
Impedance( $\Omega$ )	50
Peak Gain(dBi)	3.3
VSWR	$\leq 2.0$
Admitted Power	1W
Polarization	Linear,Vertical
Radiation	Omni-directional
Connector Type	Cable+Connector
Physical Properties	
Antenna cover	FPC
Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C

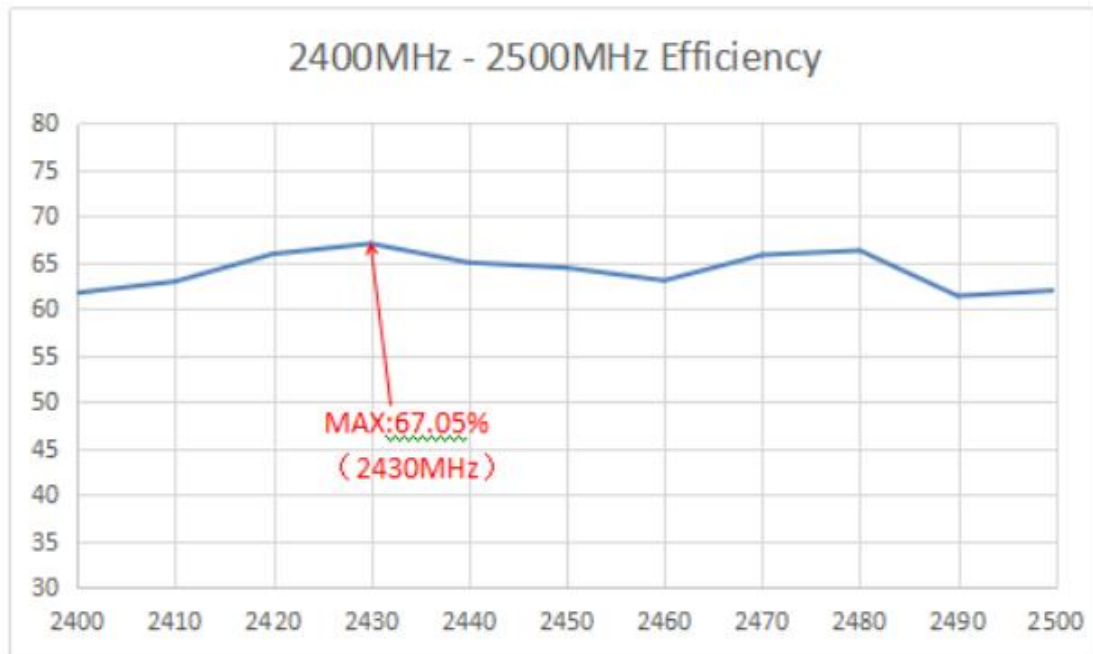
## 2. Finished picture



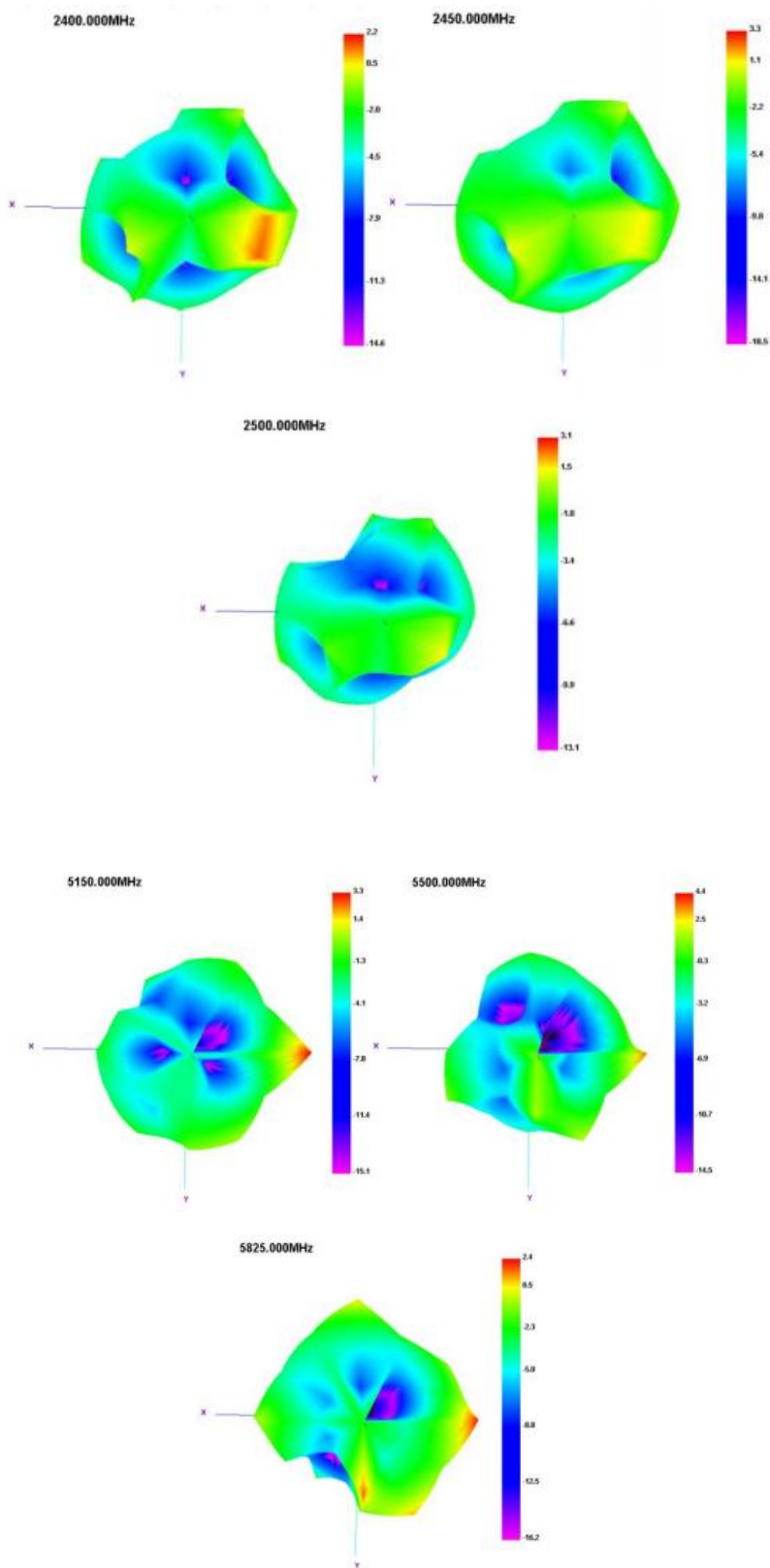
## 3. Network analyzer test data



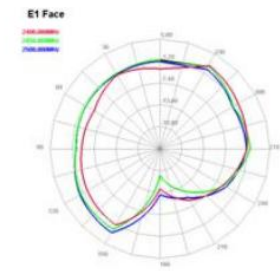
#### 4.Efficiency



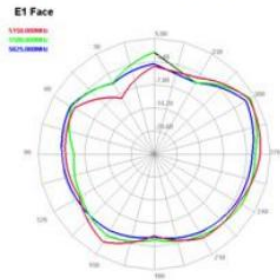
### 5.3D Raditation Pattern



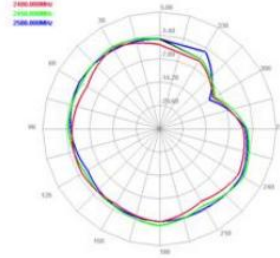
2.4G 高中低三个频点 XOZ 面 (E1 面) 增益图



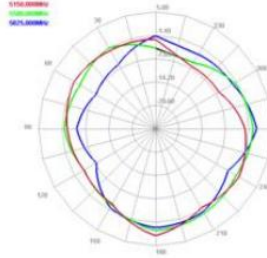
5G 高中低三个频点 XOZ 面 (E1 面) 增益图



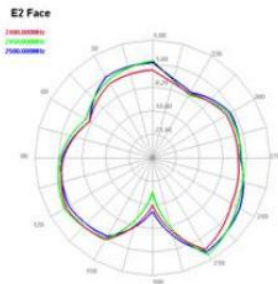
Horizontal



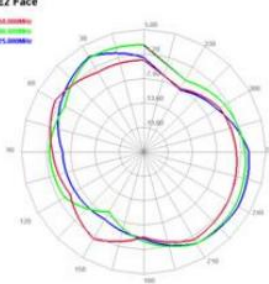
Horizontal



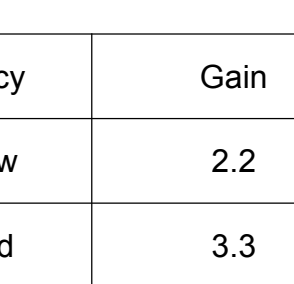
2.4G 高中低三个频点 XOY 面 (H 面) 增益图



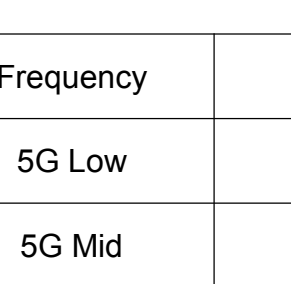
5G 高中低三个频点 XOY 面 (H 面) 增益图



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	/	