

APPROVAL SHEET

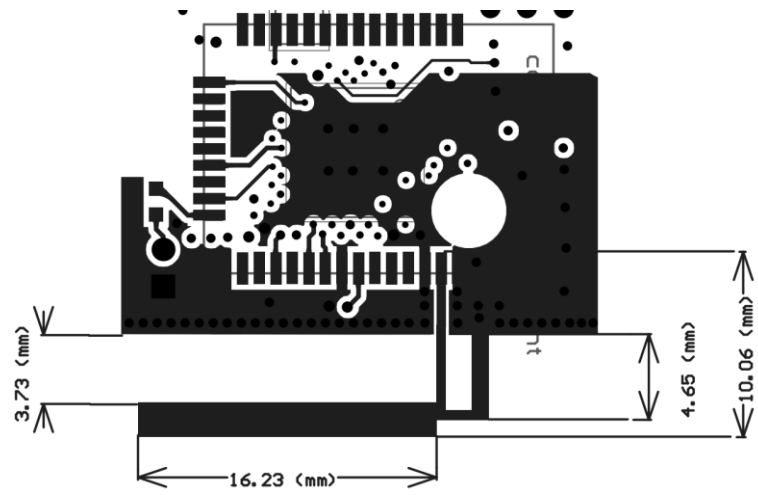
Product Name	PCB Antenna
Product Model	AIC8641-03
Customer P/N	
Specifications	2.4G
Date Prepared	2018.2.27
Revision	A
Producer	Huizhou Huada Electronic Co., Ltd..

ADD: Plant No. 31 Yanjiang Road, Liaowei Village, Yuanzhou Town, Boluo County, Heyuan City,
Guangdong Province
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Content

1、 Cover	1
2、 Content.....	2
3、 Product Picture.....	3
4 、 Specification	4
5 、 Radiation Report.....	5-7
6 、 Reliability Report.....	7-9

3、Product Picture

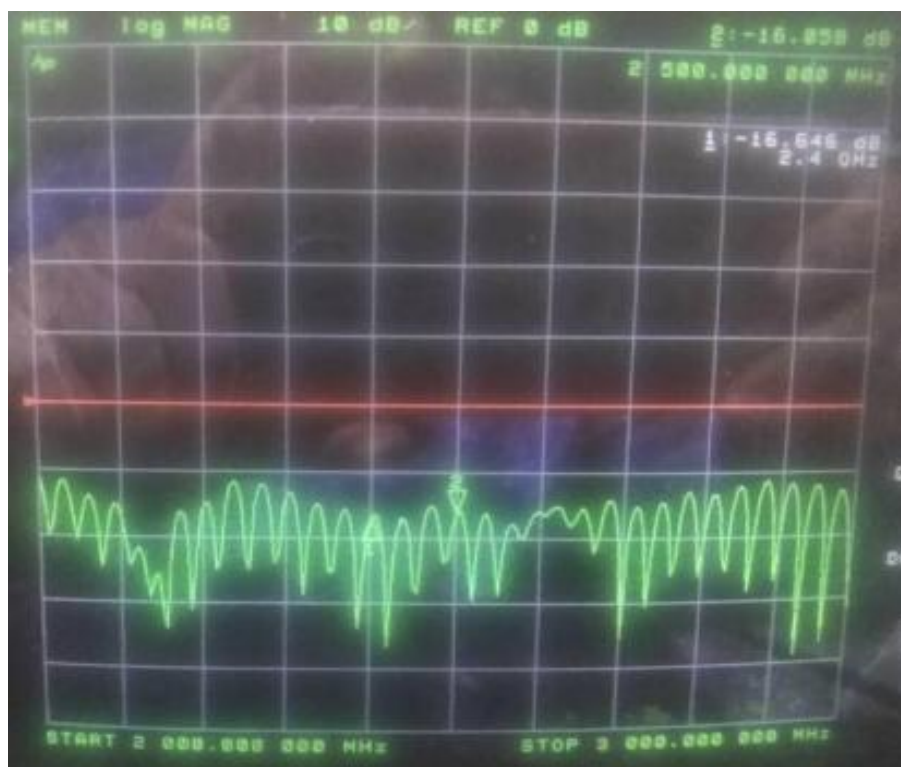
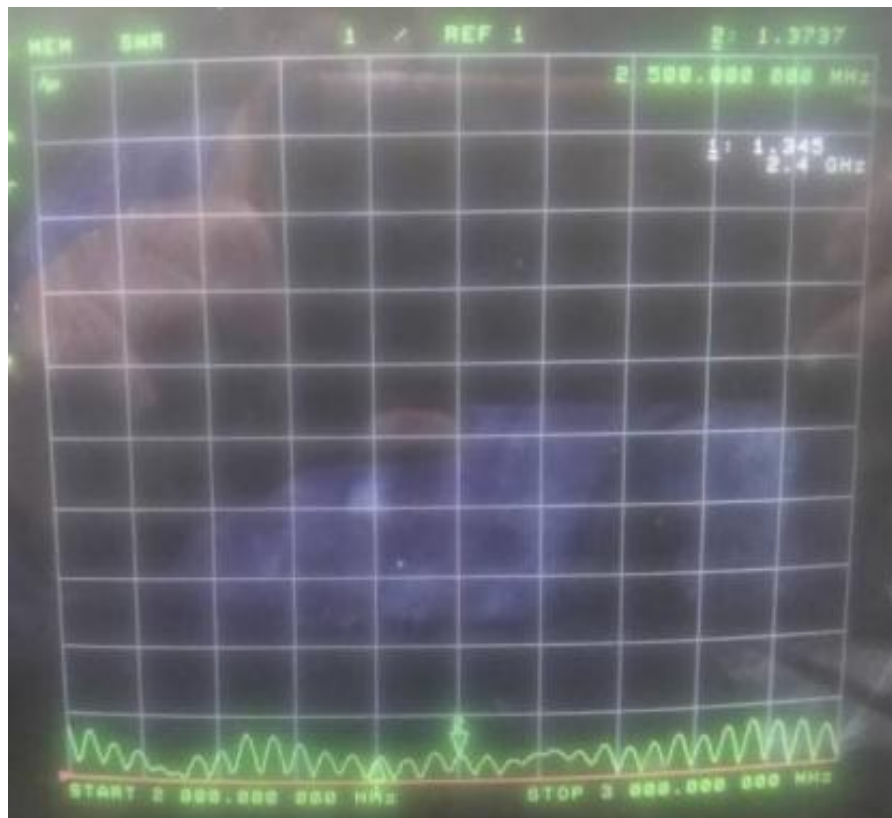


4、Specification

Parameter	
Frequency	2400–2500MHz
Impedance	50Ω
VSWR	≤2.0
Gain	≤2dBi
Efficiency	≥20%
Return Loss	≤-14dB
Beamwidth	360°
Connector	
Mechanical Parameter	
Length	3000±150mm
Cable	1.74Black-64Copper-clad aluminum-PEL=3M
Salt Spray Test	24H
Environment Parameter	
Operation Temperature	-40℃~70℃
Storage Temperature	-40℃~75℃

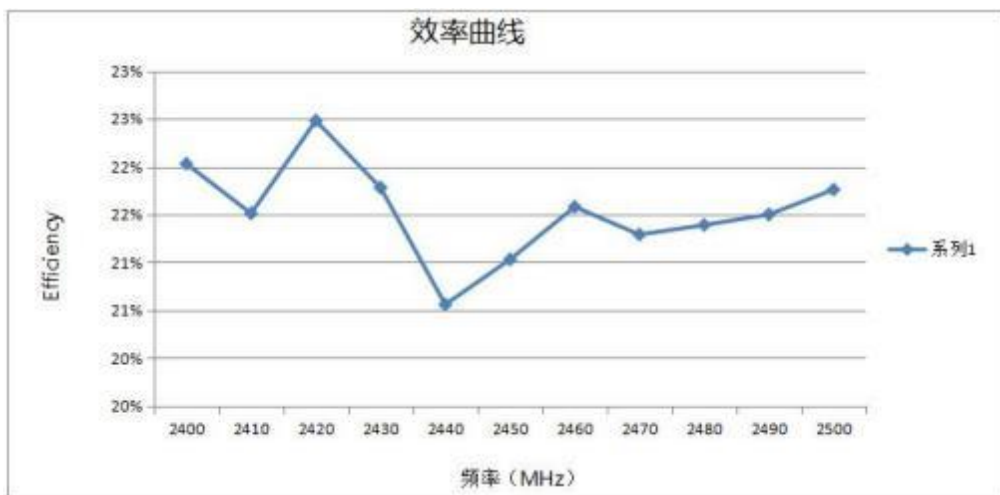
5、Radiation Report

5.1 S Parameter/Gain/Efficiency/Direction



Efficiency And Gain

ANTO			
Frequency point (MHz)	Standard	Efficiency	Gain
2400	30%	22%	1.35
2410	30%	22%	1.71
2420	30%	22%	1.22
2430	30%	22%	1.36
2440	30%	21%	1.53
2450	30%	21%	1.99
2460	30%	22%	2.00
2470	30%	21%	1.44
2480	30%	21%	1.58
2490	30%	22%	1.63
2500	30%	22%	1.89



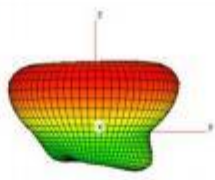
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Function: 6
Order: 6

Order: 6

Order: 6

Order: 6



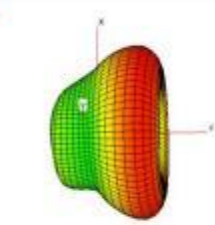
Total

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Order: 100

Order: 100

Order: 100

Order: 100



Total

Iteration: 100
Function: 100
Order: 100

Order: 100

Order: 100

Order: 100

