

Sample Recognition Letter

Project name : QS36

Chang Feng	ME	RF	QC
Signature	LIYANGQIN	WEIXING	LIUYANQIN
date	2024-06-19	2024-06-19	2024-06-19
CUSTOMER	ME	MD	QC
Signature			
date			

Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and verify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			

Date	Edition	Condition
2024-06-19	A	FPCMold sample

1 summary1-2

2 Machine description..... 2-2

3Debug settings 3

3.1 standing wave(VSWR)和 Reccho reflection(Return Loss).....

3.2 TRP/TRS make use of Agilent8960(5515C) 在 ETS 5m×4m×4m 3DInterior room test。.....

3.3(Matching Circuit Description).....

4 Effective Radiated Power Summation 4

5 assumption diagram.....5

Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and verify: LI CHANYONG	
A			
CONFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			

1Summary

This report is mainly used to describe the 《Changfeng Electronics》
QS36 Sample antenna recognition letter.

2Machine description

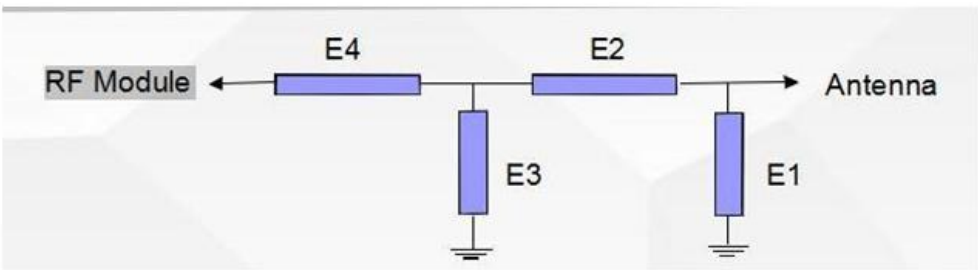
QS36 network mode is 2.4G,2.4G antenna at the bottom of the device, PIFA.The
antenna is a ceramic antenna

3Debug settings

3.1standing wave(VSWR)andReccho reflection(Return Loss)
VSWRIs using the Agilent E5062B connected to the terminal assembly to test, state for free
space。

3.2 TRP/TRS Tested in the ETS 5m× 4 m× 3 m 3D Dark Room using Agilent8960
(5513 C) 。

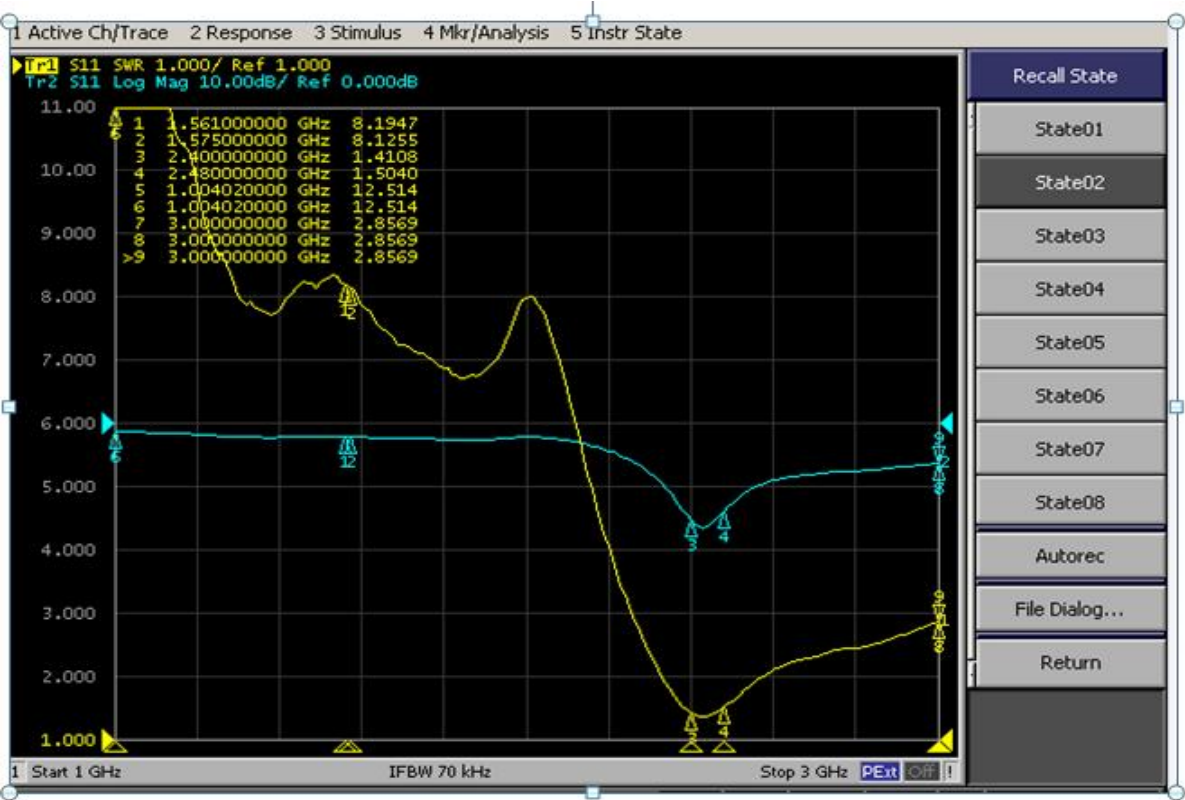
3.3Matching Circuit Description Match ha NO shave change,



2. 4G	Element		Value	According to the motherboard original board matching circuit is modified
		E2(0201)	NC	
		E2(0201)	0Ω	
		E3(0201)	NC	
		E4(0201)		

Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and prify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			

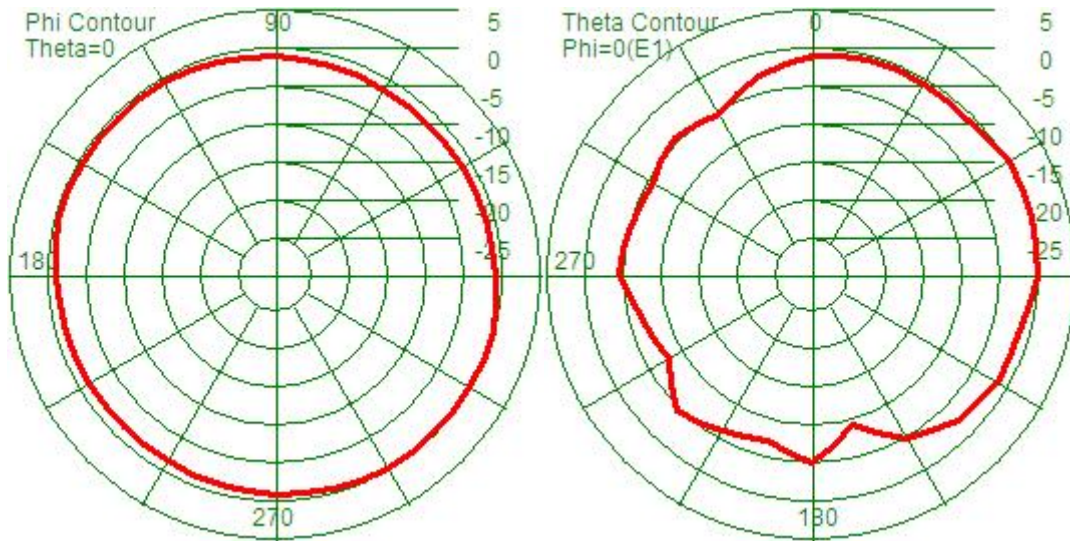
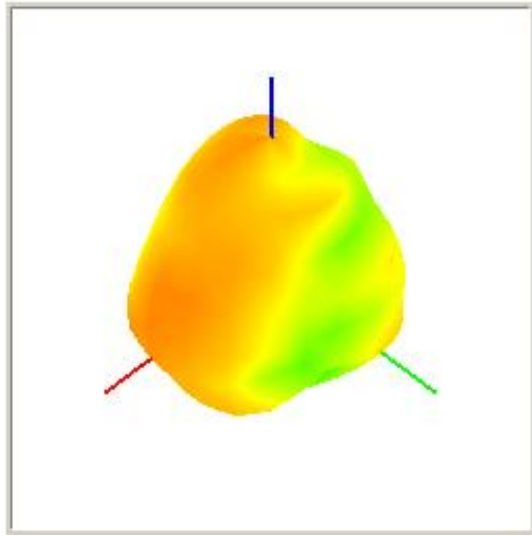
4 Effective Radiated Power And Isotopic Sensitivity Summation



Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and verify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			

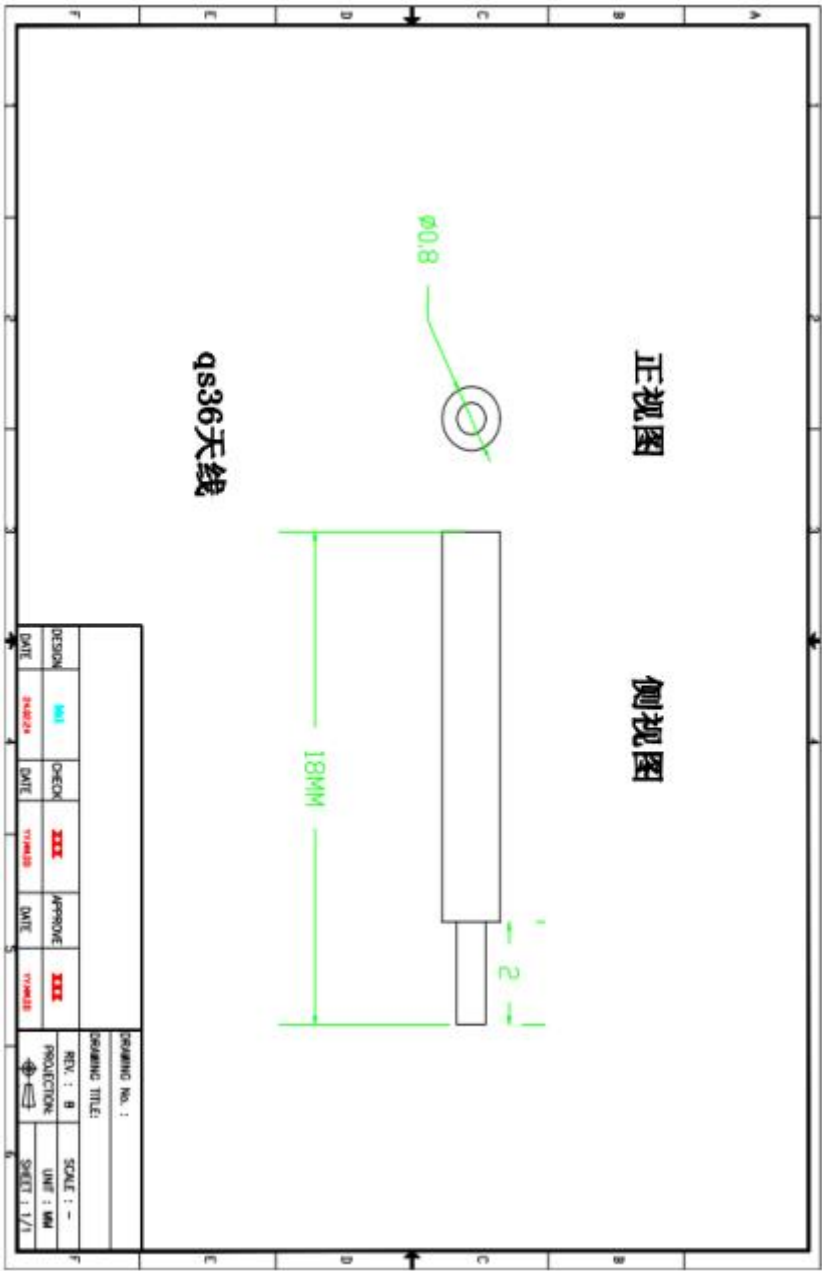
Channel	增益(dBi)	效率(%)
2400	0.35	21.5
2450	0.41	23.4
2480	0.36	22.1

Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and Verify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			



Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and verify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			

5 Structure assembly diagram



Project QS36		write: WEIX	Name : AT907Sample Recognition Letter
Date: 2024-06-19			
Edition		Examine and prify: LI CHANYONG	
A			
NFIDENTIAL			
Changfeng Electronics science and technology Co., Ltd.			