

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			

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Date: 2024-06-19			
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Date	Edition	Condition
2024-06-19	A	FPCMold sample

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 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。.....

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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

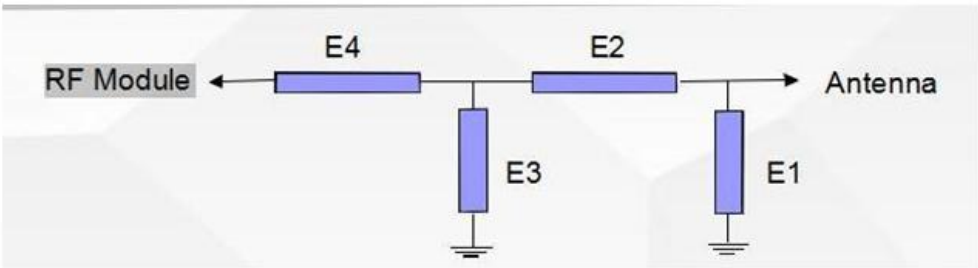
3Debug settings

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) 。

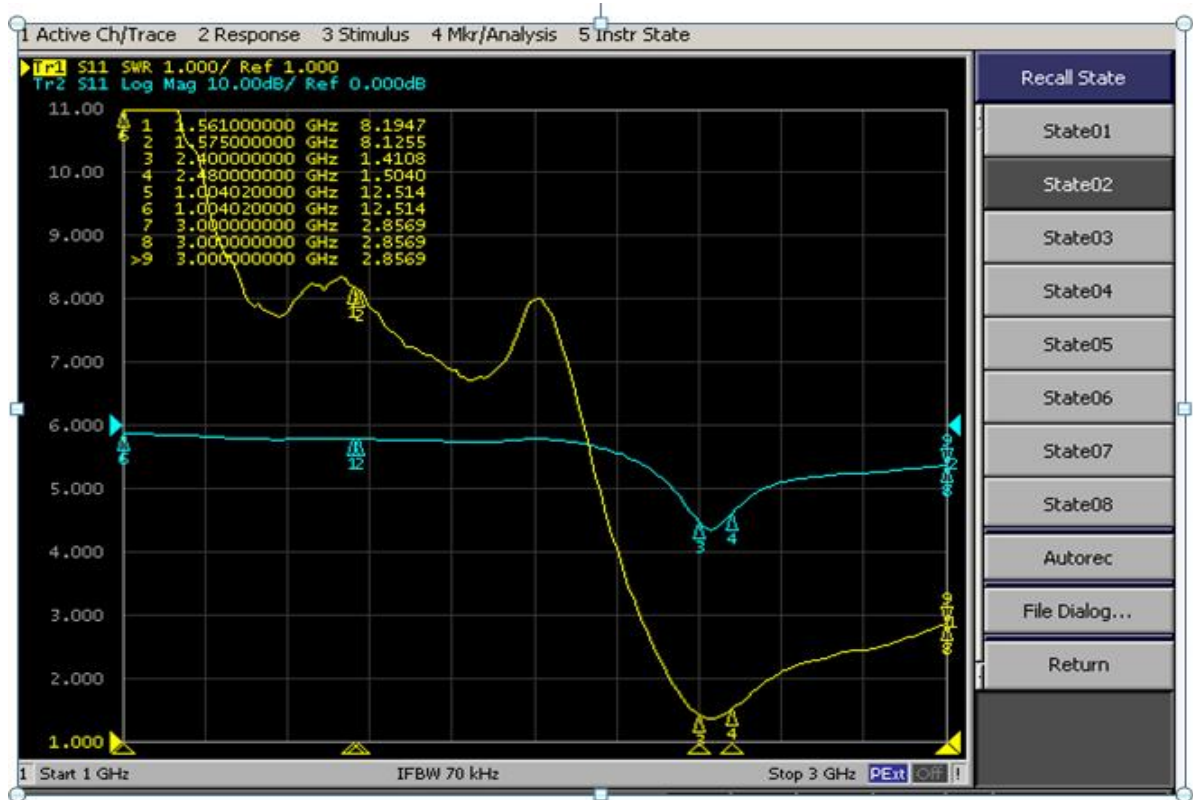
3.3Matching Circuit Description Match ha NO shave change,



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)		

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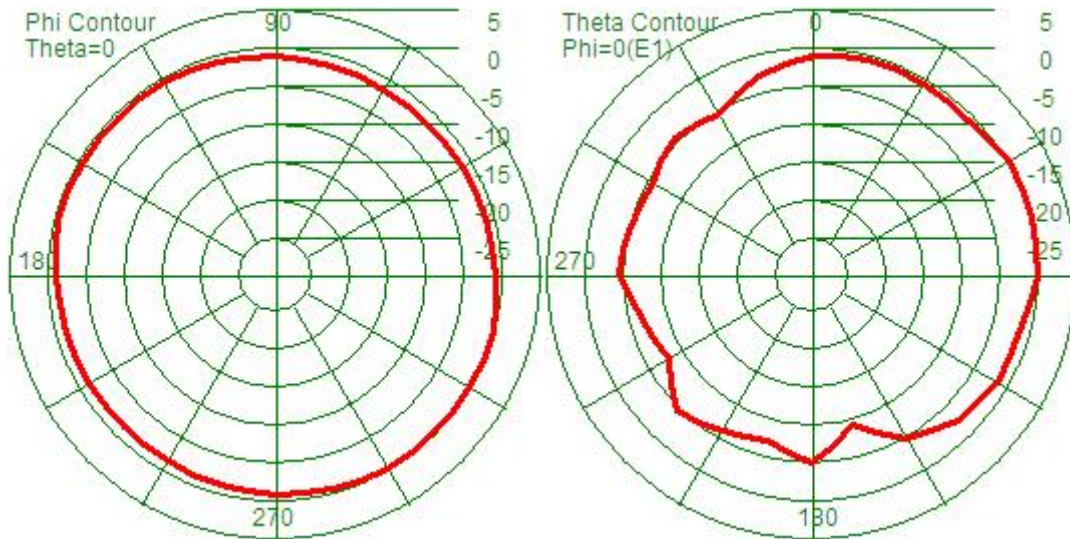
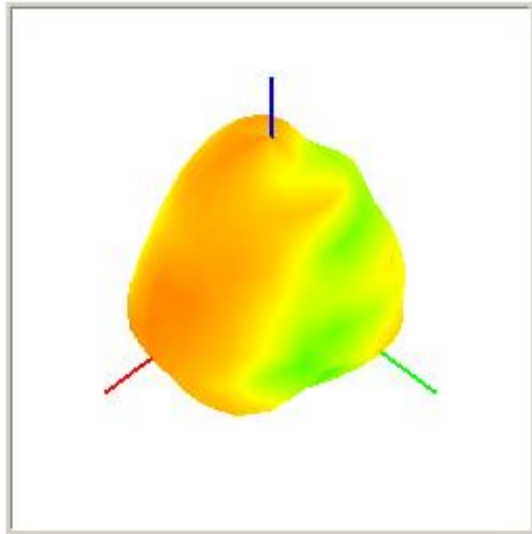
4 Effective Radiated Power And Isotopic Sensitivity Summation



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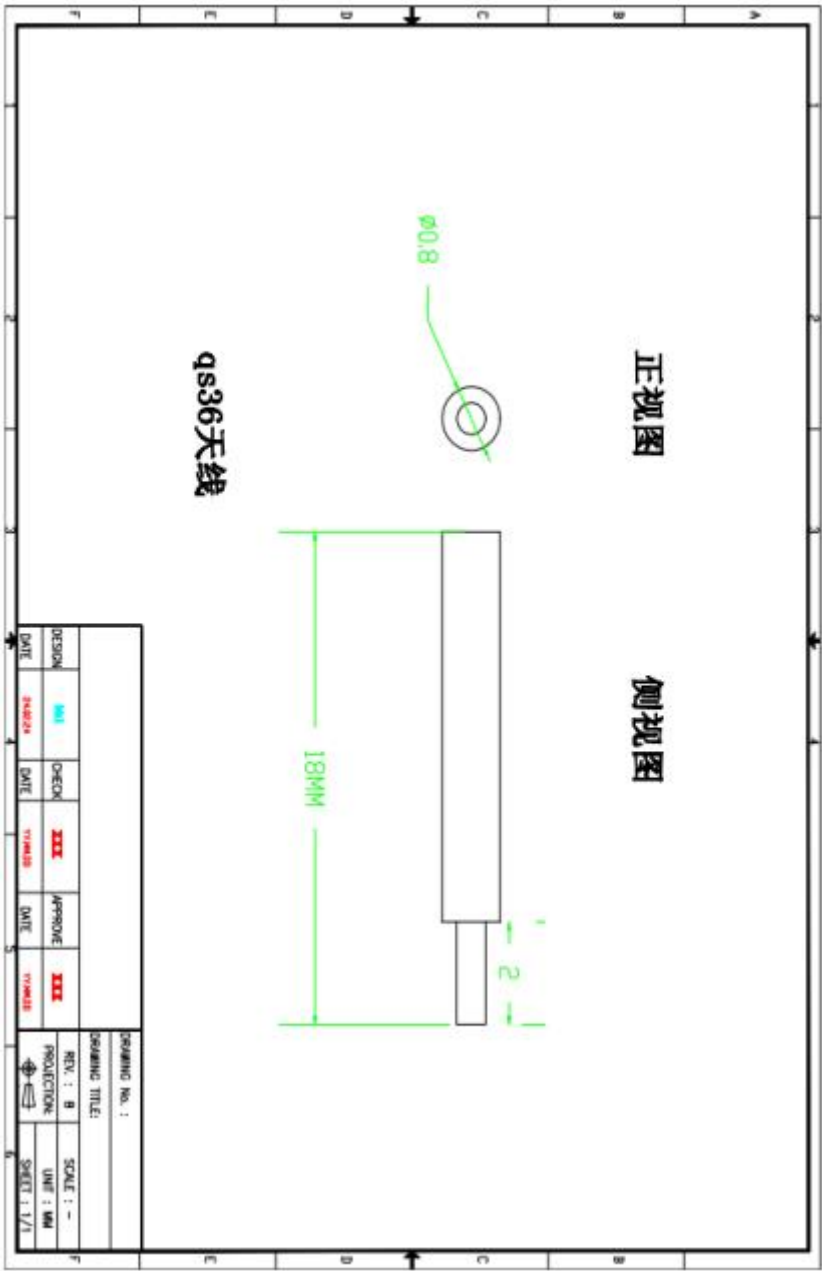
Channel	增益(dBi)	效率(%)
2400	0.35	21.5
2450	0.41	23.4
2480	0.36	22.1

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5 Structure assembly diagram



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