



SHENZHEN ANWEI WIRELESS TECHNOLOGY CO., LTD

Industry leading manufacturer of one-stop communication RF antenna solutions

5Class-BT ANT Test report

RF: MR. H

Tel: 13510548234

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 Project Testing Introduction

 Project testing environment

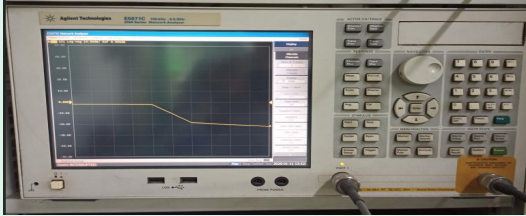
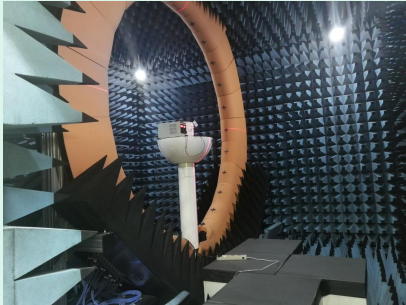
 Antenna physical object

 Passive Test

 Darkroom test data (passive)

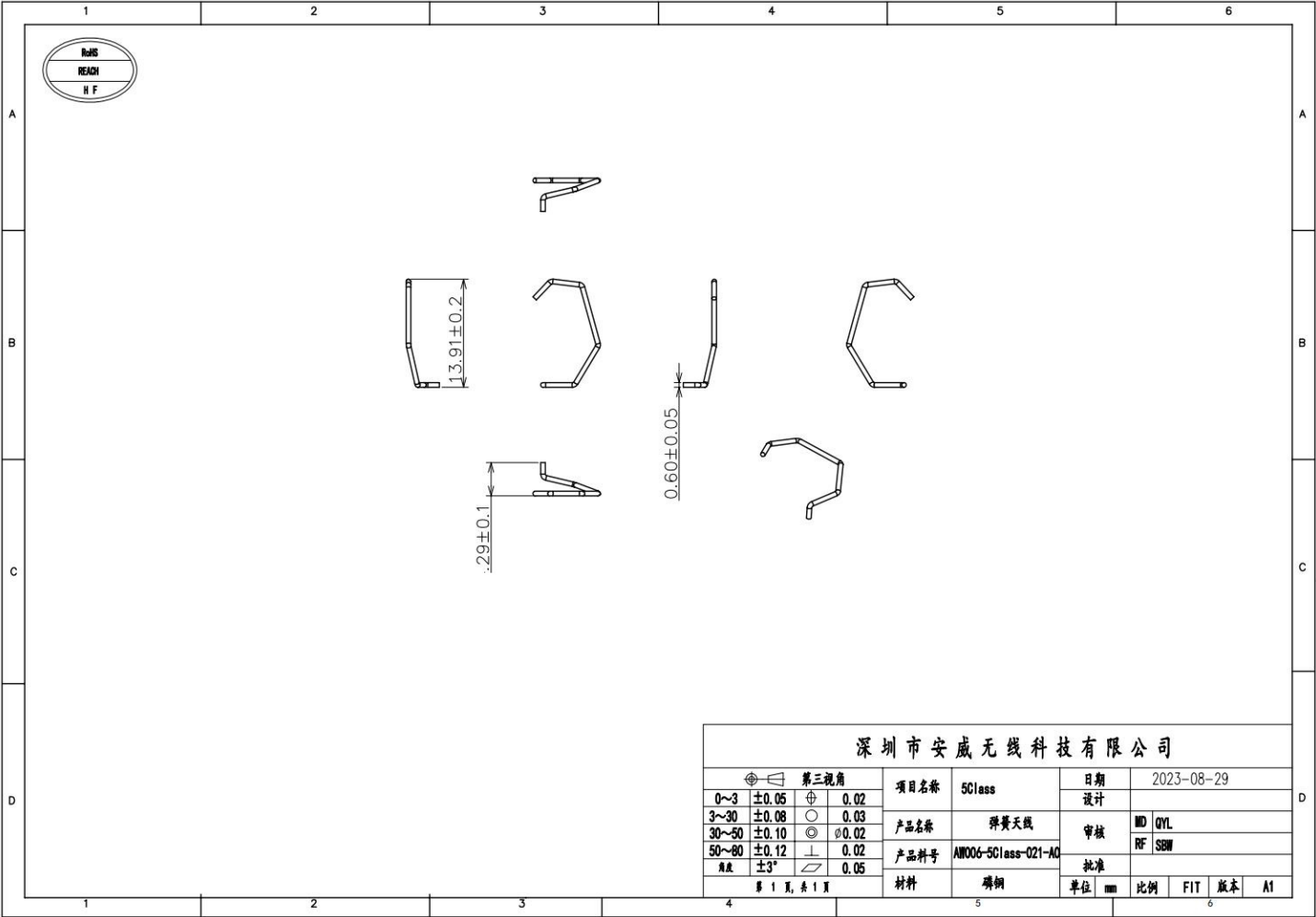
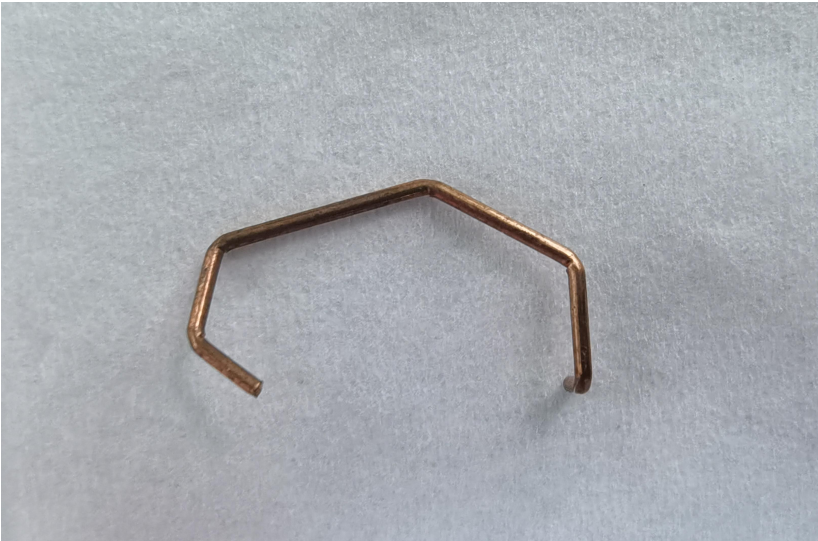
 Additional instructions

 Introduction to project testing

Product name	Helmet Bluetooth earphones (5Class)		
Frequency band and Antenna material	Working frequency		Material Science
	Bluetooth	2.4GHz	GP
Test instrument	Brand	Agilent VNA	
	model	E5071C	
	Brand	OTA SATIMO-24 (3D)	

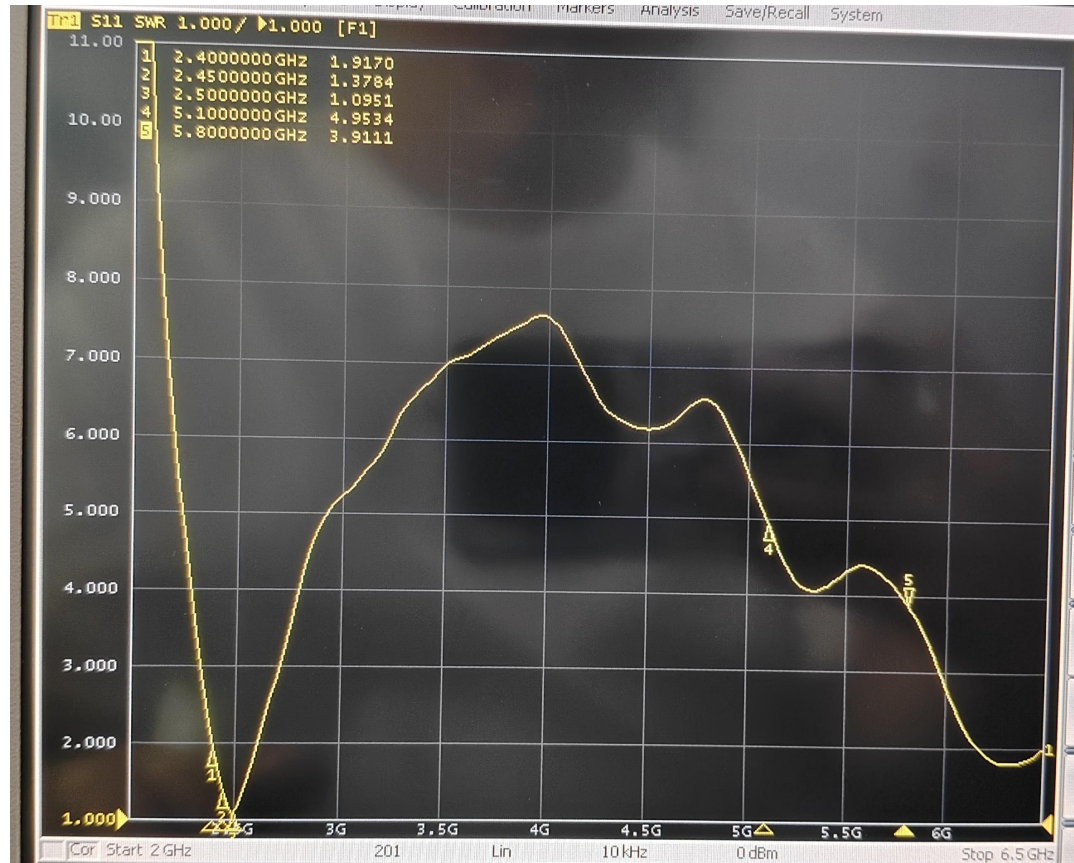


Antenna physical object



Passive Test

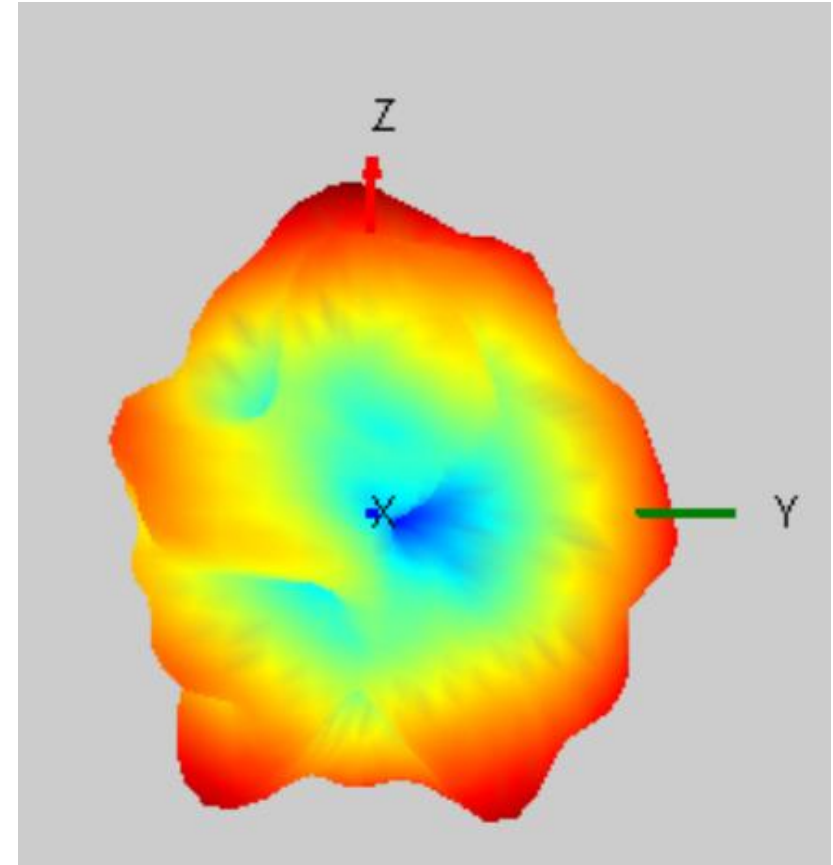
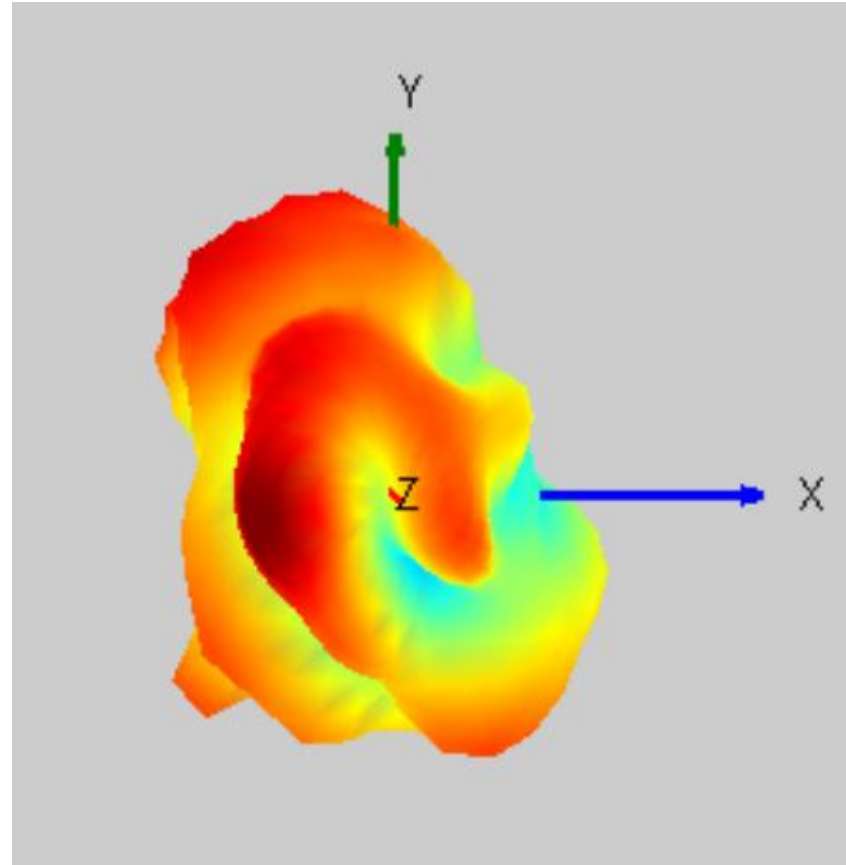
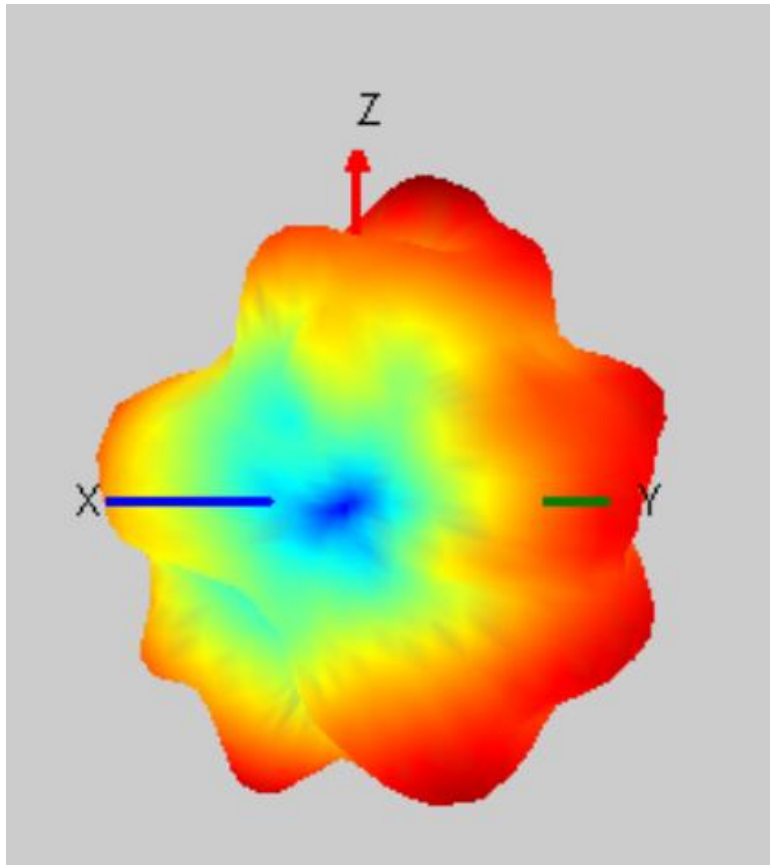
VSWR



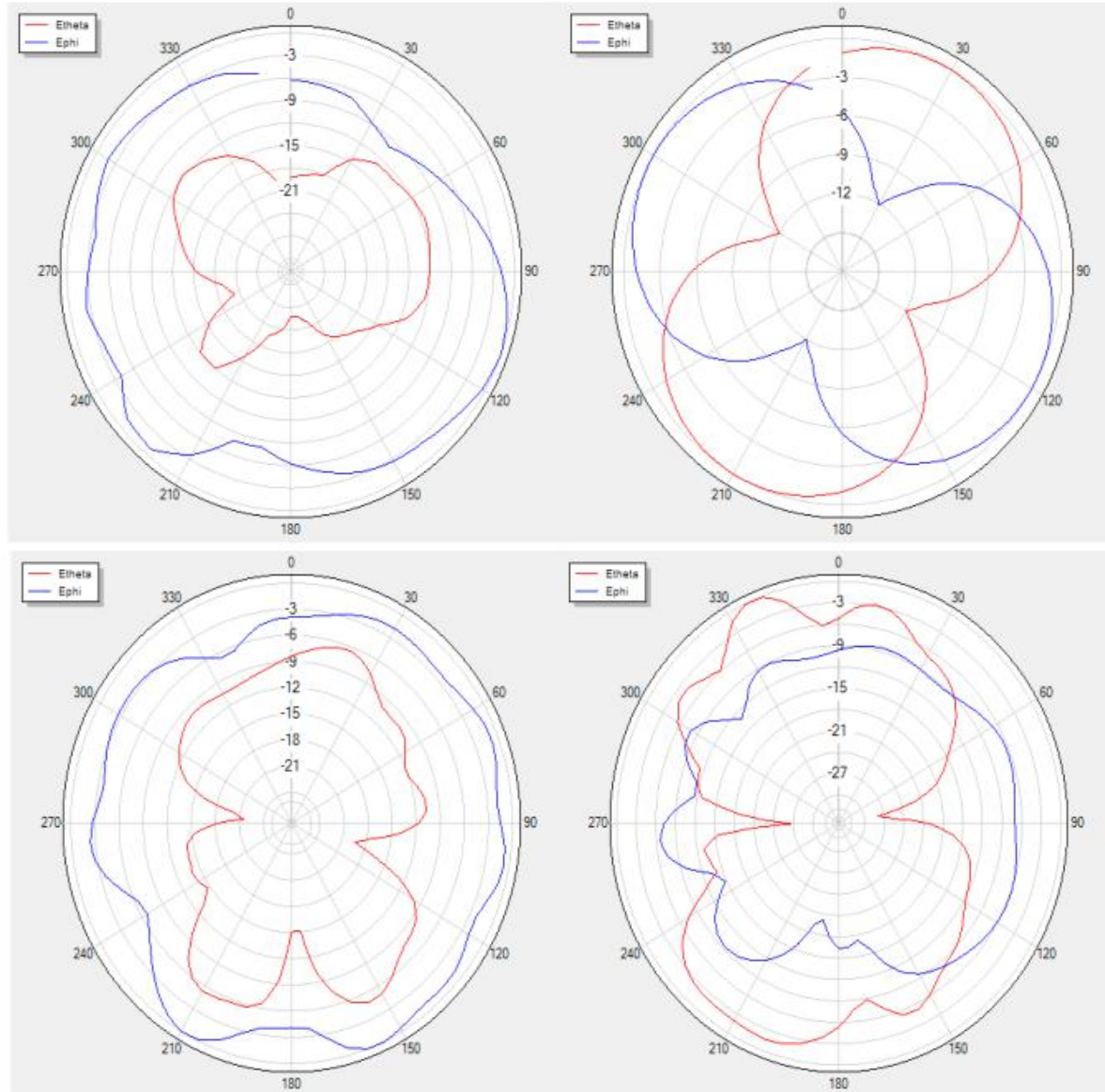
Efficiency/Gain

frequency (MHz)	gain (dBi)	efficiency (%)
2400	2.33	58.05
2410	1.79	55.21
2420	2.07	63.07
2430	1.86	63.70
2440	2.1	62.55
2450	2.04	62.35
2460	2.15	64.02
2470	1.87	64.68
2480	1.82	63.25
2490	2.21	68.25
2500	2.32	68.39

3D Radiation patterns test results (Passive Antenna)



2D Radiation patterns test results (Passive Antenna)





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The End

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