



Antenna Sample Confirmation From

Shenzhen kenhaitong antenna technology co,ltd

Guangdong Jianbotong
Securities code: 831958

Antenna Sample Confirmation From

Vendor Name	Shenzhen kenhaitong antenna technology co,ltd				
Customer Name					
Sample Name	G03				
Part Number	G03				
Specification	Copper wire antenna, 400-470MHz Wire diameter0.8mm, Line length128.5mm				
Inspection Item	Performance	Total Appearance	structure	Others	Inspection Result
		OK		OK	OK
Remark					
QA Audit		Engineer Audit		Sales Confirm	
The following are filled by Customer					
Customer Evaluation					
Signation/ Chapter by Customer	date:				

Antenna Test Report

Address: 3rd floor west of Building 1, Hezhou ZhongKono Industrial Park, Hangcheng Street, Baoan District, Shenzhen

TEL: 0755-85274764 FAX: 0755-85274764



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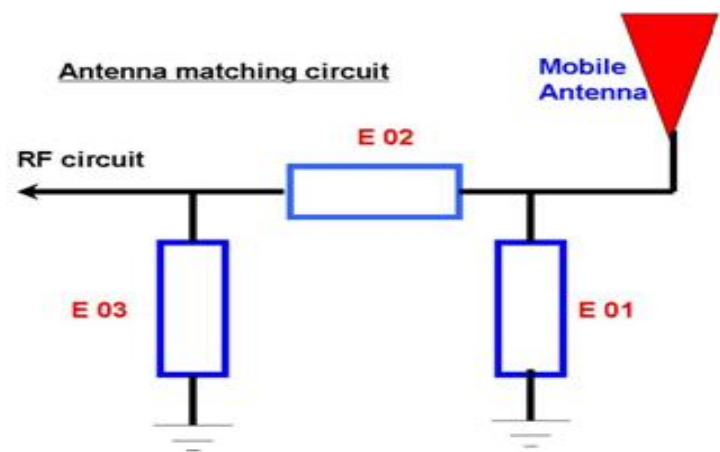
Shenzhen kenhaitong antenna technology co, ltd

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Test by: Shenzhen kenhaitong antenna technology co, ltd			
Material			
Antenna Type	Monopole type	Polarization mode	
Application			
Band	410-470	VSWR	≤3
Power	Max: 50W	Impedance	50Ω
dBi	0.87		
Test Equipment	HPE5071C、Shielding Room、3D automatic turntable		
Antenna Description: 1. Grounding processing and picture description: no 2. Need to change the motherboard to match: no ● Test voltage: 3.6V, check the antenna contact is good before testing. ● The RF cable of the integrated tester is kept in a natural state and can not be curled. Specification: test the specified power level, all indicators must conform to the specifications.			
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3	DARKROOM Test environment		
4	Structural Drawing		
5	Sample Size Inspection Report		
6	Reliability Test Report		
7	Packing Method		



1、 Antenna Matching Ciruit



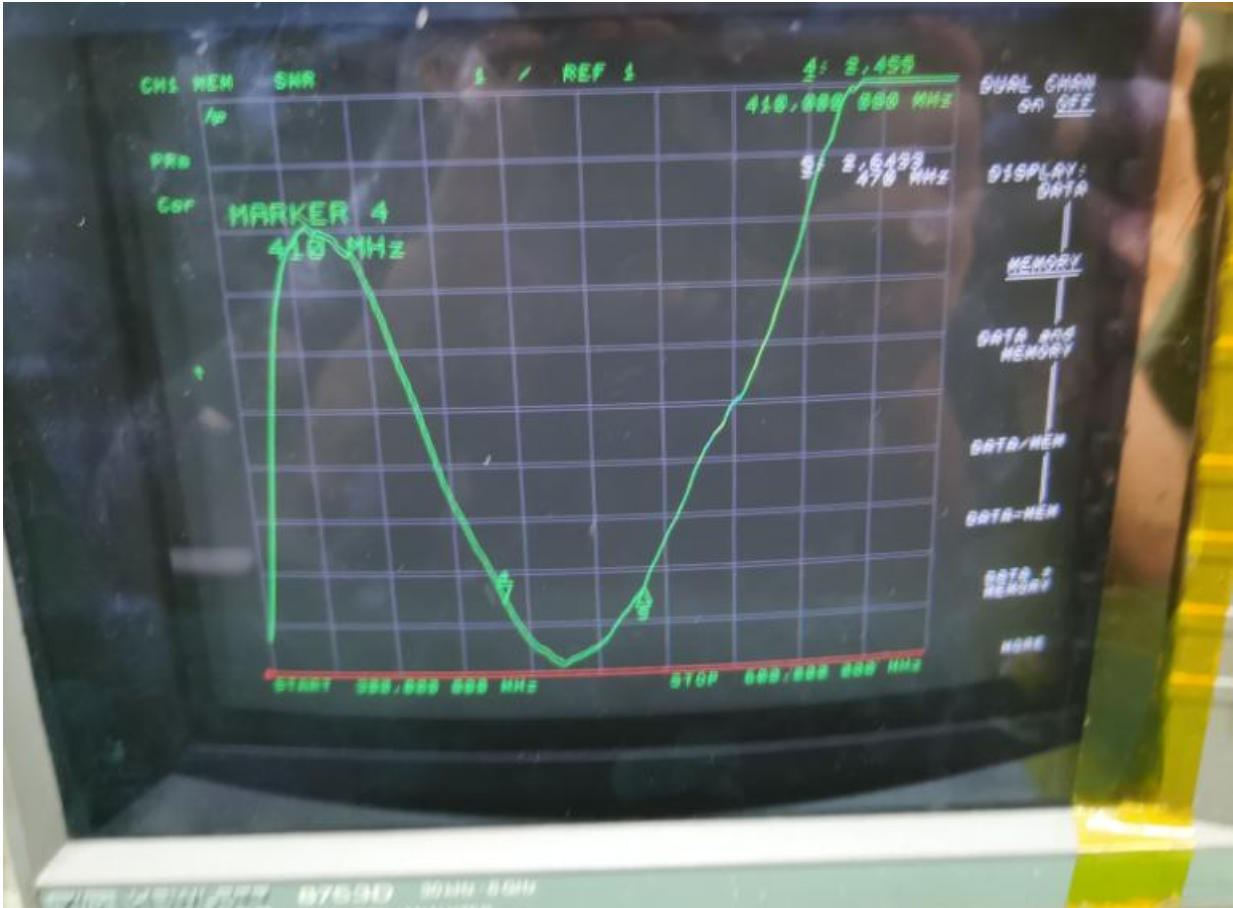
Matching circuit diagram (not modified)

E01	E02	E03
No	No	No



2、Test data

Antenna passive diagram



Band	antenna1	
Frequency (MHZ)	410	470
VSWR	2.45	2.64



Antenna data

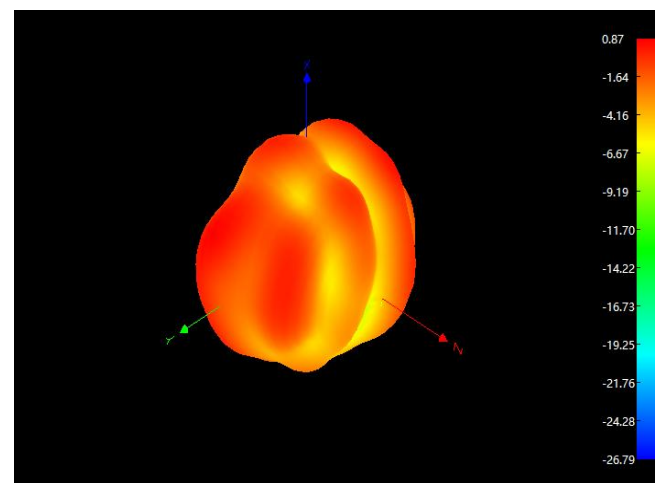
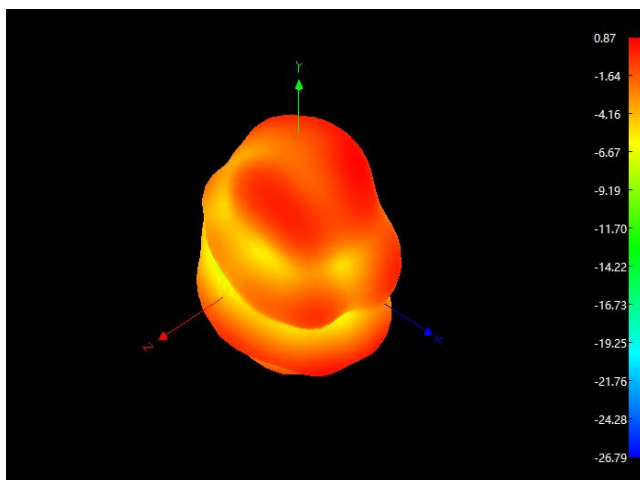
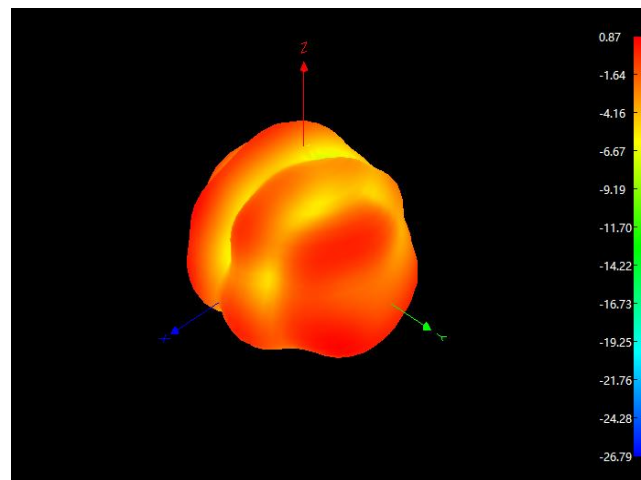
Frequency	Efficiency(%)		Frequency	Antenna Gain(dBi)
410MHz	34.36		410MHz	0.86
416MHz	34.02		416MHz	0.87
422MHz	35.4		422MHz	0.57
428MHz	38.75		428MHz	0.78
434MHz	36.13		434MHz	0.82
440MHz	37.53		440MHz	0.53
446MHz	37.75		446MHz	0.51
452MHz	38.19		452MHz	0.79
458MHz	36.06		458MHz	0.53
464MHz	37.42		464MHz	0.58
470MHz	36.39		470MHz	0.77



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Antenna 3D pattern



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3. Darkroom test equipment

Test equipment

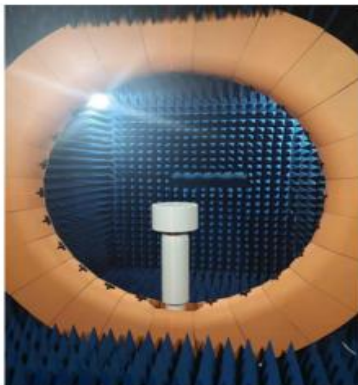
Test system: shielded darkroom

Test environment: Temperature $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$, humidity $50\% \pm 15\%$

Test equipment: When testing passive data, use the network analyzer

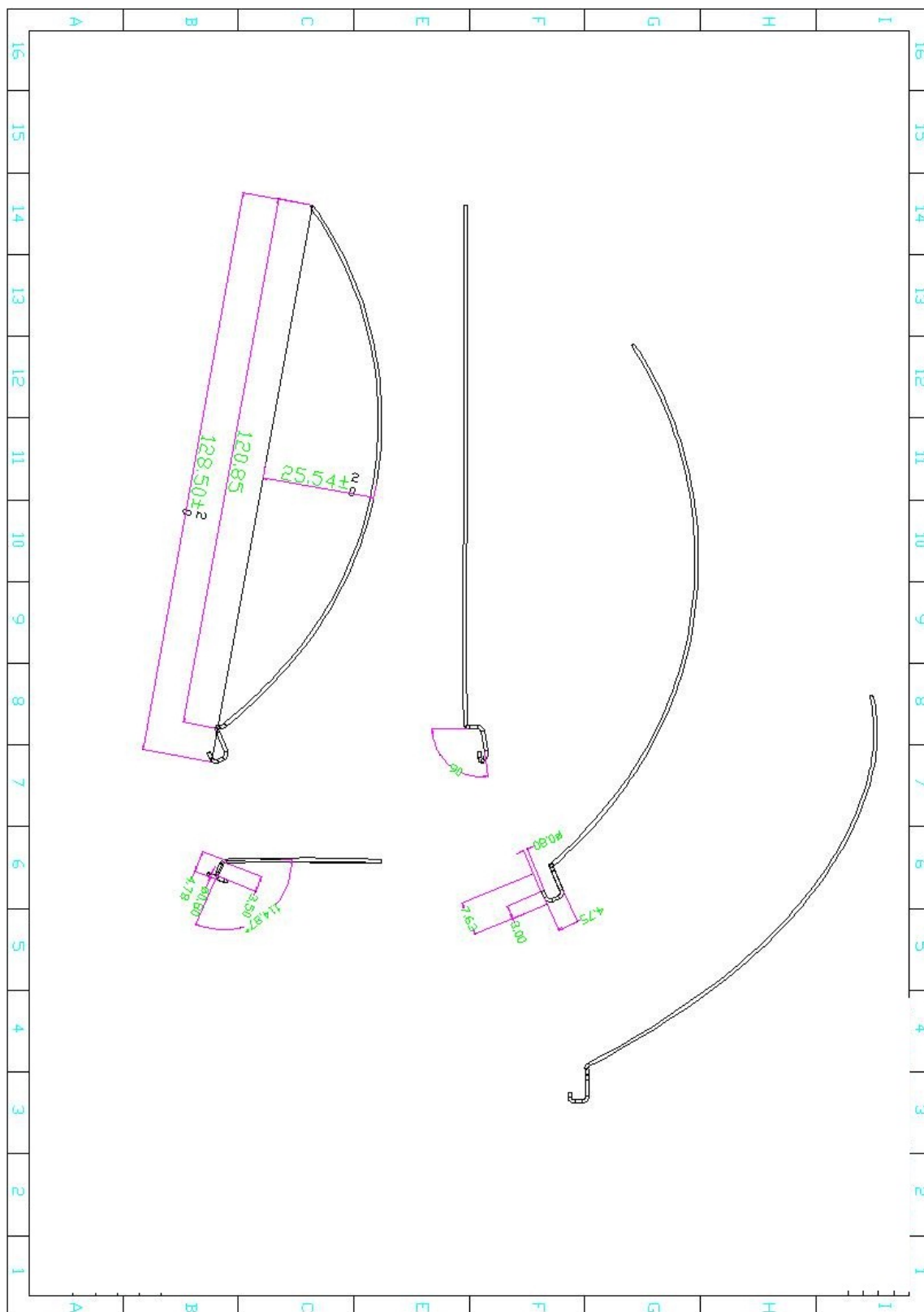
AgilentE5071C

When testing active data, use the synthesizer CMW500





4、Structural drawing



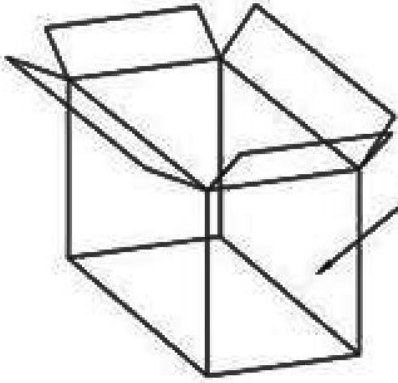


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5、Packing method

Guangdong Jianbotong Technology Co., LTD						
Product packaging operation specification						
Client: Veray Technology		Package name: G03		Package number:		TEST: A
Packing material details	ID	The name of a product or commodity	specification	dosage	Packaging product illustrations	
	PE	Ziplock bag	120*85*0.12	1/100		
	SYC-BZ-01	Paper box	280*230*170	1/10000		
Job procedure	1. Prepare the required packing materials and place them in a favorable position.				Matters needing attention	1. Operators should wear gloves. 2. Pay attention to the quantity of packing, not more, less. Mantissa must be indicated. 3. Do not stack cartons too high. Prevent heavy overflow Glue.
	2. In accordance with the product packaging operation specifications, with cartons /PE bags, packaging.					
	100PCS/ bag, each box 100 bags 10000PCS in total.					
	3. Put 100 bags in each box, a total of 10000PCS. After filling the box, seal the box with transparent tape.					
Graphic description						Each box is 100 bags with a total of 10000PCS Note: The quantity is subject to the actual package. This is the reference quantity
remark						
approval		check		craft		Day period
JSB		DS		LSY		2025/2/15

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