

承认书

Acknowledgment Letter

CUSTOMER APPROVED BY

Approved by

Checked by

Prepared by

SUPPLIER APPROVED BY

Approved by

Checked by

Prepared by

Supplier Name: FN-LINK TECHNOLOGY Ltd.

Supplier Address: Office Address: 14th Floor, Block B, Phoenix Zhigu, No.50 Tiezai Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen, China 518000

Supplier Factory: Factory address: No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China 41032

Phone number: 86-755-2955-8186
website: www.fn-link.com

antenna testing

Customer	
Project Name	C436HD
Customer NO.	
specification	DSH5310-2. 4G-5. 8G FPC K62mm
Supplier NO.	
Specification NO.	
Write by	Pan Yilin
REV.	Ver.1
Date	2024-4-22
Note	

Version change log				
Change date	Change content	version	Change person	Approved by

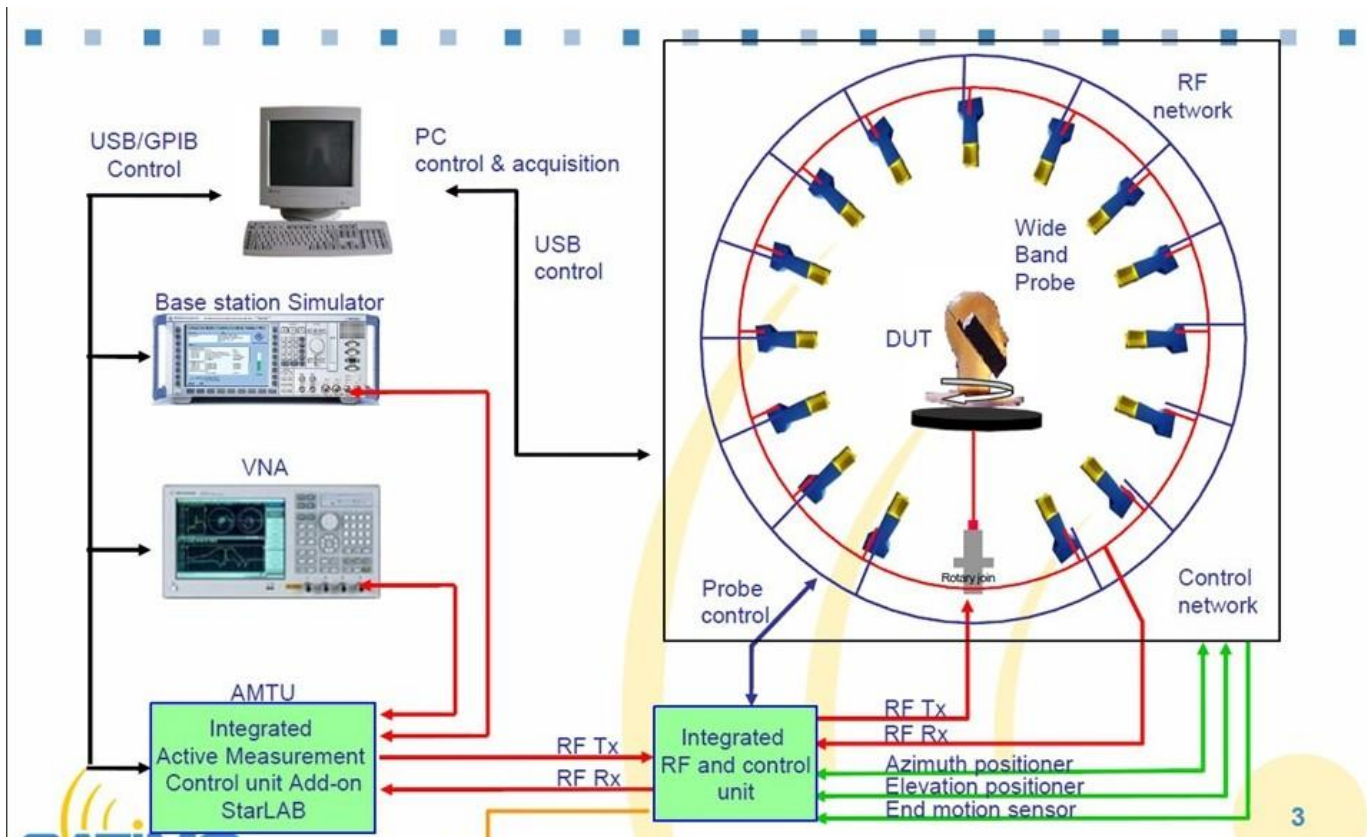
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(Test Equipment & Conditions)

- 1.1 . Network Analyzers : KEYSIGHT P5002A1.2 . Communications Test Set: R&S CMW 500 5071C
- 1.3 . 3D Chamber Test System: (24 probe testing system)

1. Testing principle diagram of microwave anechoic chamber



2. Explanation.

This report summarizes the electrical performance results of the antenna for the project, including the S11 parameters, Gain, and Efficiency of the antenna

catalogue

1. Complete machine description
2. Debugging data report
3. Test data

2.1 Scope of application

DSH5310 2.4G-5.8G WIFI Antenna


2.2 Operating temperature range

Temperature range of this product: -20 ~ +65 °C

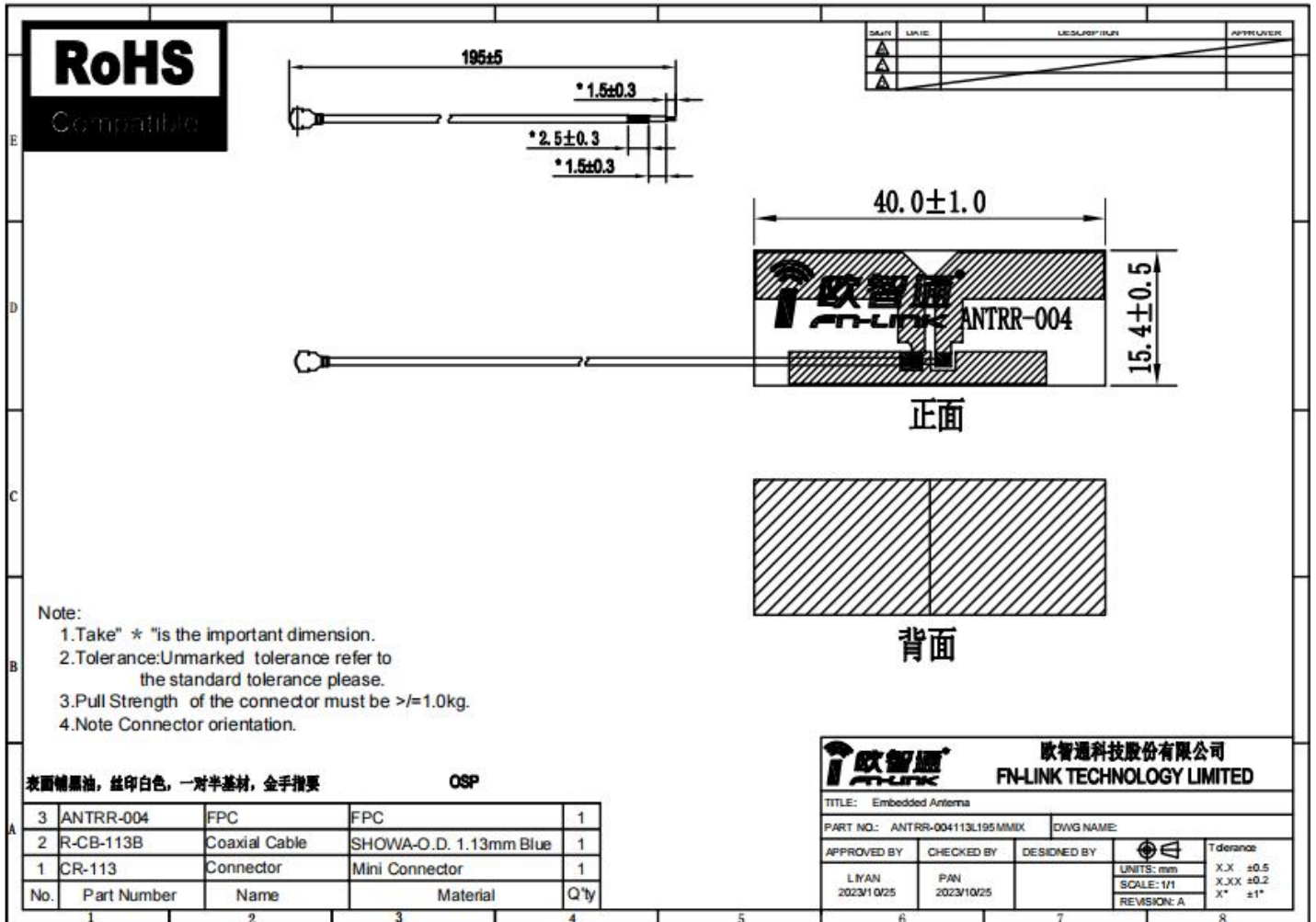
2.3 Storage temperature range:

This product is stored at - 30 ~ + 75 °C

3. General product specifications

NO.	ITEMS	DETAILS
1	Type	DSH5310 2.4G-5.8G WIFI
2	Operating Frequency Band	2400-2500MHZ 5100-5900MHZ
3	VSWR	≤2.0
4	Gain	2.0dBi
5	Radiation Efficiency	≥50%
6	Impedance	50Ω
7	Antenna Type	PIFA
8	Antenna composition	PCB+CABLE
9	Entity Picture	

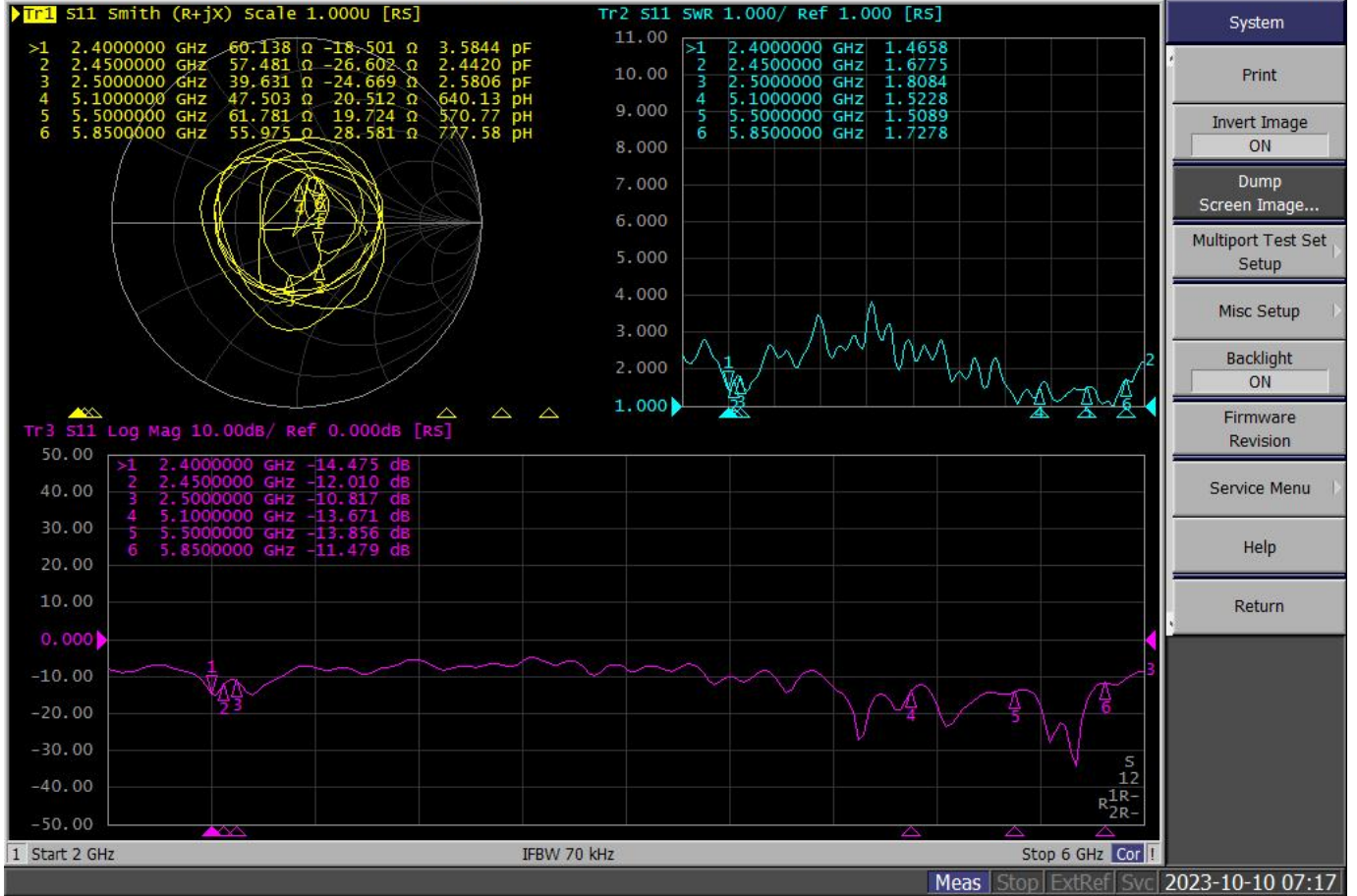
Finished antenna diagram



antenna S11

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

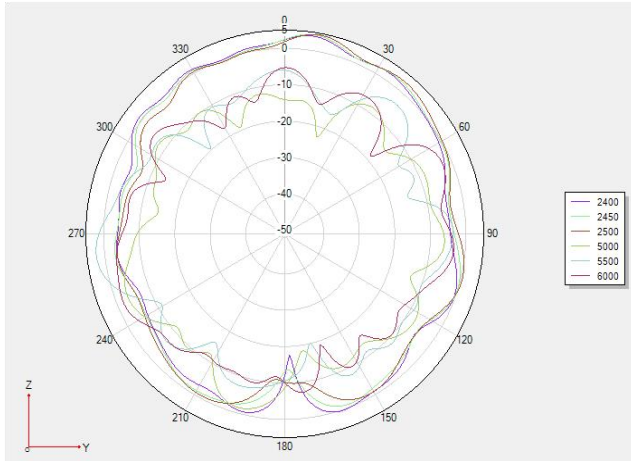


Freq/MHz	2400	2450	2500	5000	5500	5850
VSWR	1.4	1.6	1.8	1.5	1.5	1.7

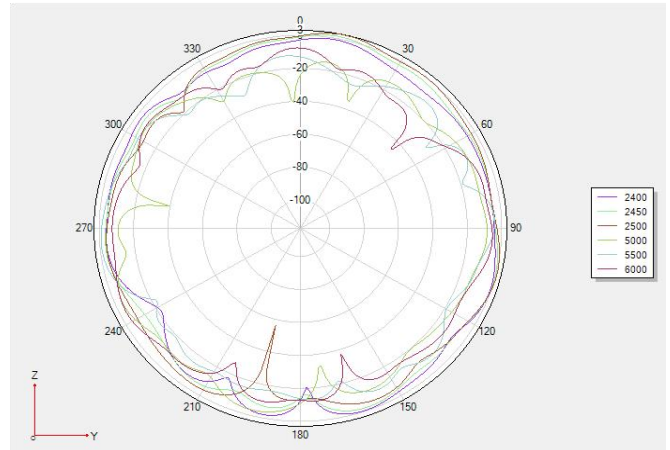
Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	3.3	60.67
2410	3.39	60.12
2420	3.21	58.48
2430	3.04	56.13
2440	2.65	55.19
2450	2.59	58.97
2460	2.52	56.67
2470	2.6	57.81
2480	2.42	59.87
2490	2.64	53.25
2500	2.8	55.11
5000	3.45	53.44
5100	3.29	55.55
5200	3.01	54.48
5300	3.99	51.5
5400	3.89	55.66
5500	3.2	54.57
5600	3.73	52.35
5700	3.65	53.99
5800	3.11	53.87
5900	3.59	50.93
6000	3.23	45.6

2400-2500-5000-5850Mhz antenna Apple diagram Direction diagram

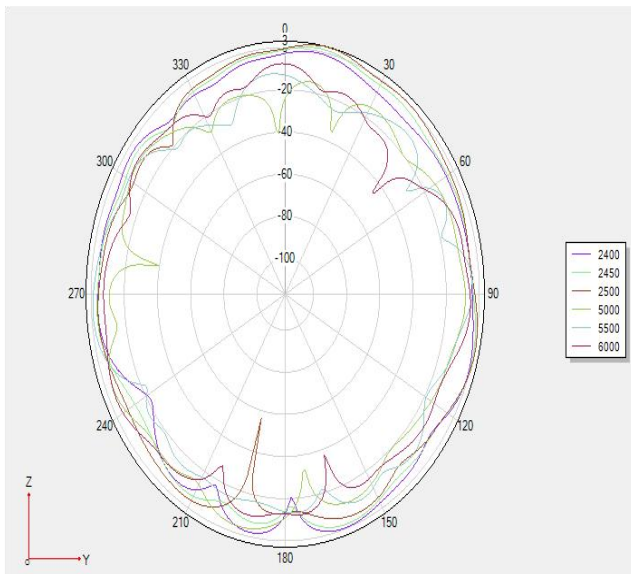
XOZ



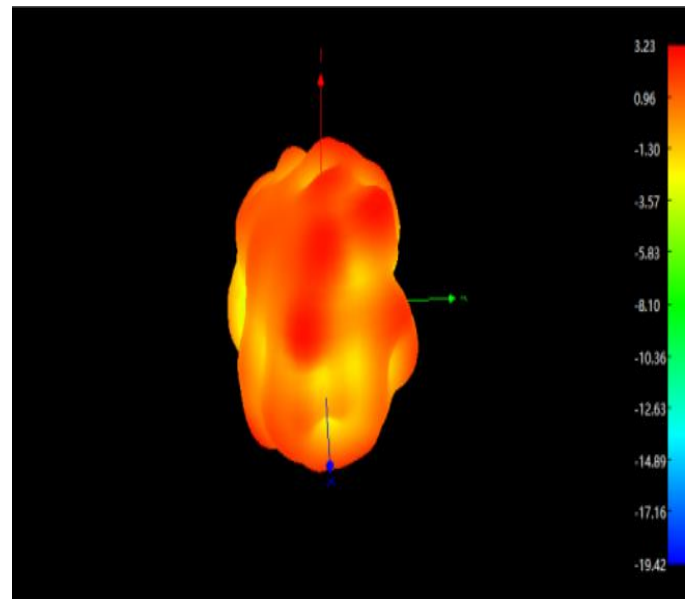
XOY



YOZ



3D



packing

产品包装规范 PACKING CRITERION

Date: 2023.10.13

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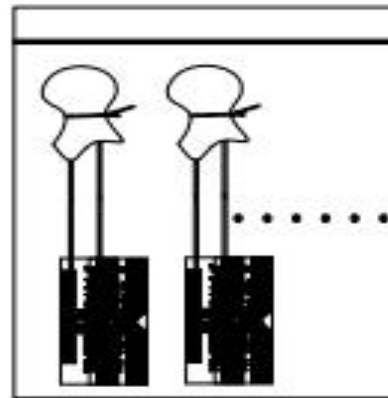
Part Number : ANTRR-004113L195MMIX

Revision : A

Name: 2.4GHz Antenna

Customer : ALL

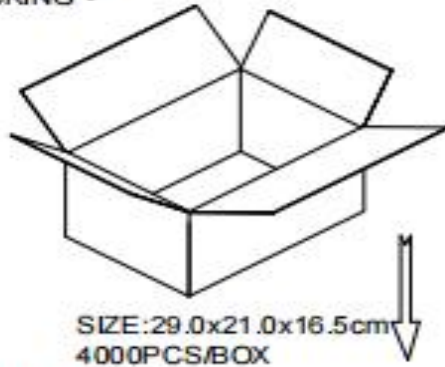
1.



200PCS/PE BAG
R-NIP-BAG-220150



2. PACKING



Pearl cotton : 1pcs/BOX

3. SEALING

