FN-LINK TECHNOLOGY Ltd.

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	Location
Project Name	620D
Customer NO.	LEAEA100018A0
specification	Steel sheet antenna, dimensions 17.05*1.62*5.4, material 301 stainless steel, T=0.3mm, surface nickel-plated, ROHS,620D
Supplier NO.	0233040004
Specification NO.	
Write by	Wei Yuanji
REV.	Ver.1
Date	2025-7-24
Note	

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

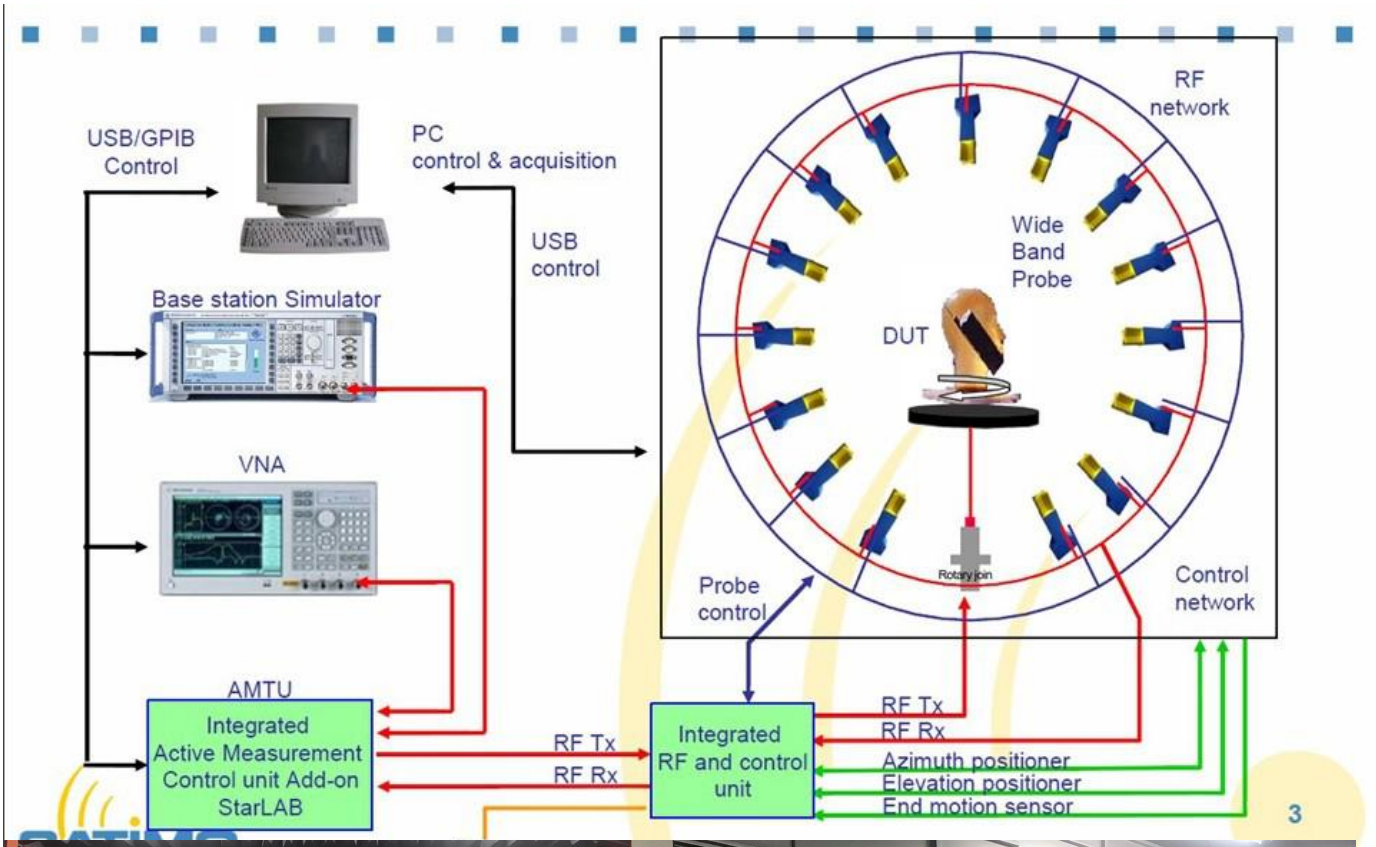
1. Recognition Letter Project Table (Index)

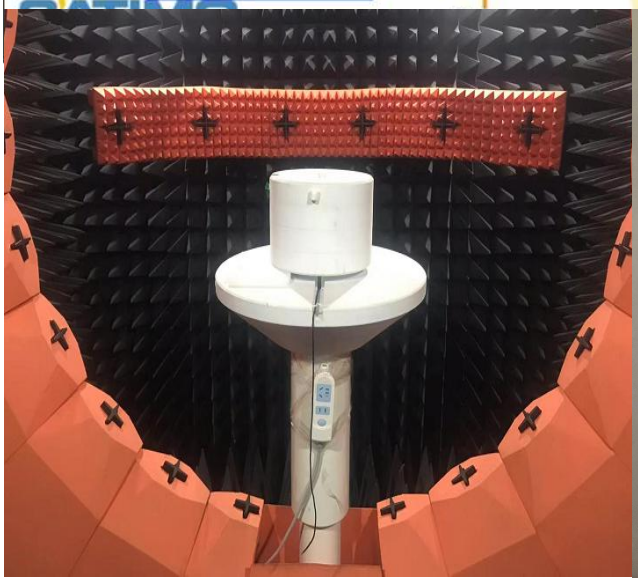
(Test Equipment & Conditions)

1.1 . Network Analyzers : KEYSIGHT P5002A **1.2 . Communications Test Set:** R&S CMW 500

1.3 . 3D Chamber Test System: （24 probe testing system）

1. Testing principle diagram of microwave anechoic chamber



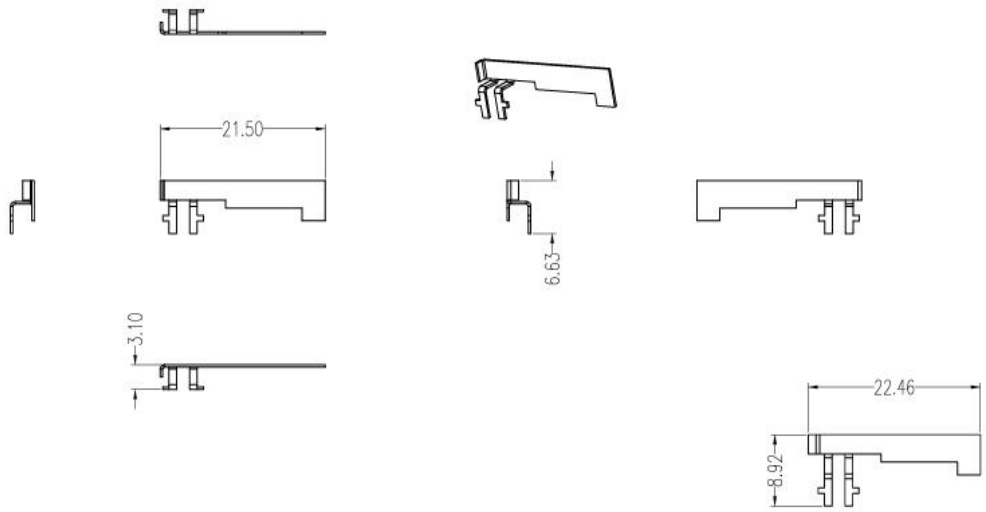


2. Explanation.

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

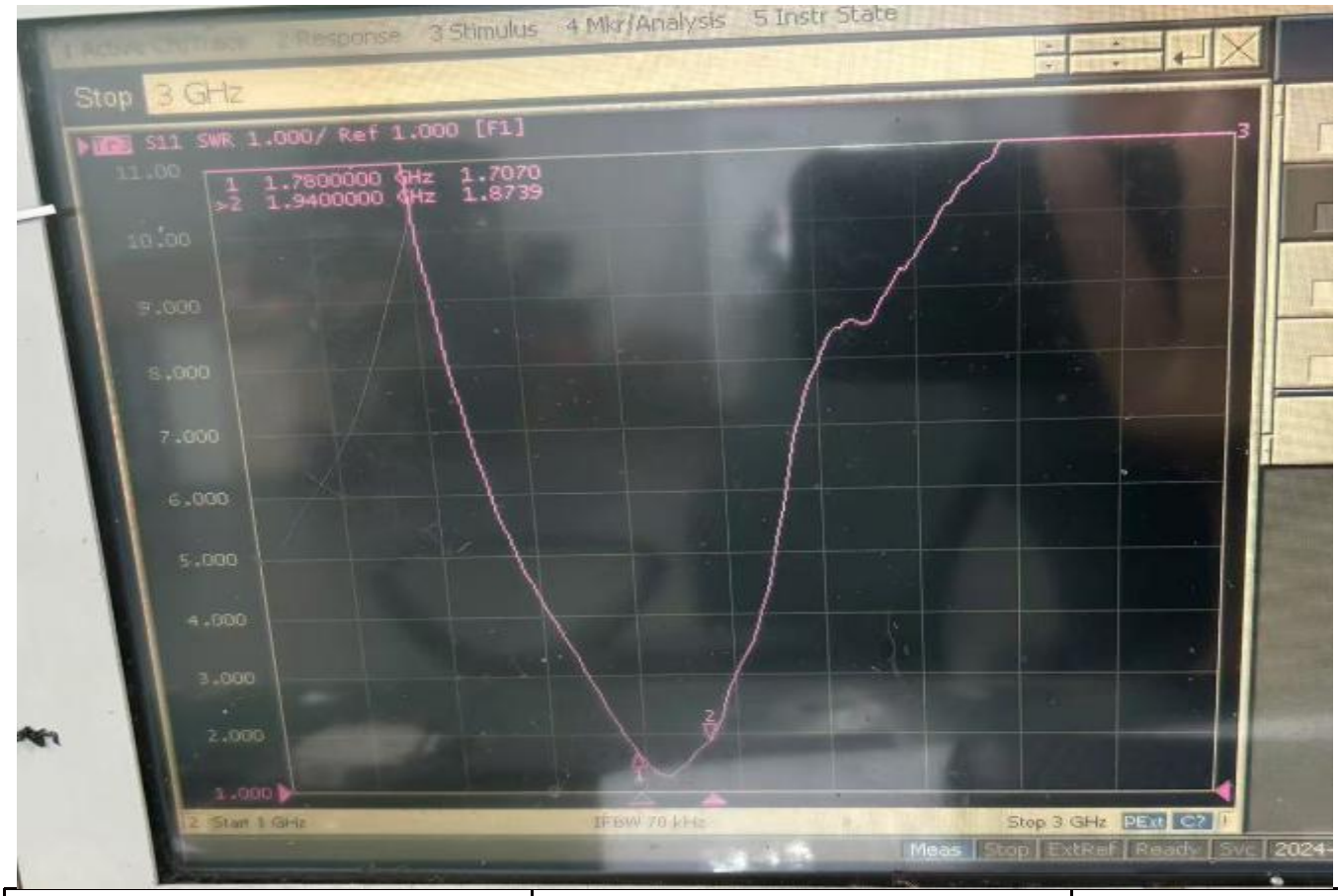
Directory

Finished antenna diagram



Unit: mm

antenna S11

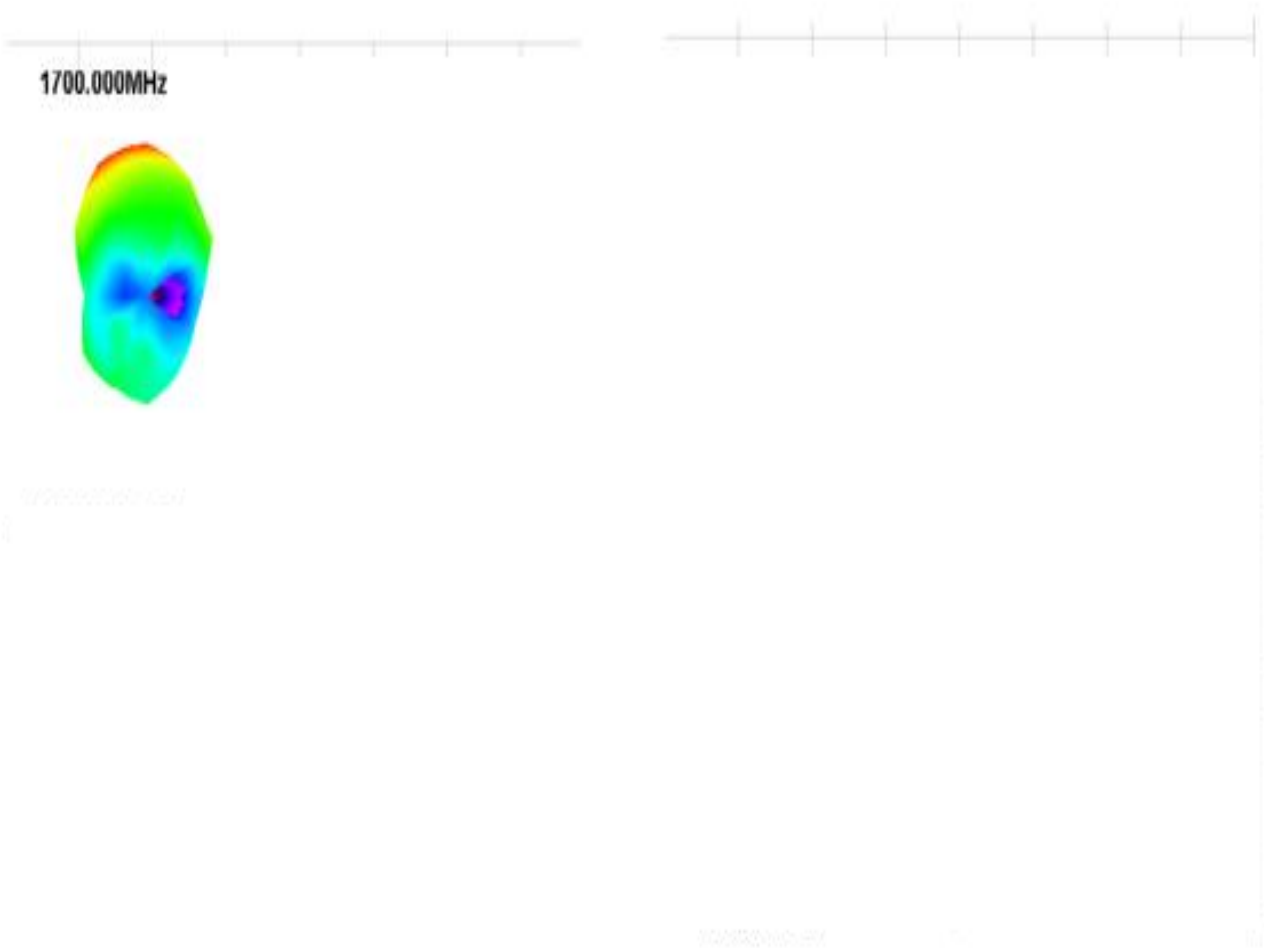


Freq/GHz	1780	1940
VSWR	1.7	1.8

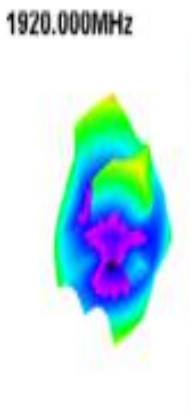
Antenna test data

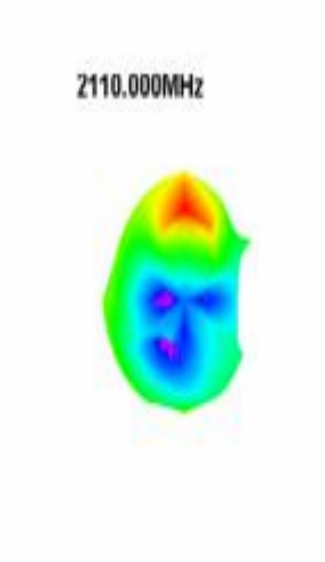
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1700	38.55	-4.14	0.16
1710	35.48	-4.5	-0.04
1720	35.42	-4.51	0.1
1730	38.85	-4.11	0.66
1740	35.43	-4.51	0.38
1750	44.76	-3.49	1.48
1760	38.55	-4.14	0.8
1770	45.02	-3.47	1.44
1780	43.27	-3.64	1.22
1790	48.04	-3.18	1.63
1800	47.16	-3.26	1.57
1810	40.8	-3.89	0.94
1820	49.9	-3.02	1.88
1830	45.38	-3.43	1.49
1840	52.99	-2.76	2.12
1850	43.53	-3.61	1.2
1860	52.22	-2.82	1.86
1870	51.98	-2.84	1.73
1880	50.94	-2.93	1.54
1890	57.15	-2.43	1.98
1900	53.36	-2.73	1.73
1910	54.08	-1.93	2.57
1920	58.31	-2.34	2.21
1930	54.81	-1.88	2.65
1940	53.26	-1.99	2.56
1950	56.64	-1.76	2.86
1960	60.69	-1.51	3.16
1970	56.5	-1.77	2.89
1980	59.57	-1.58	3.03
1990	53.25	-1.99	2.51
2000	54	-1.94	2.53
2010	50.98	-2.15	2.31
2020	59.68	-2.24	2.49
2030	56.87	-2.45	2.54
2040	54.92	-2.6	2.56
2050	51.98	-2.84	2.48
2060	51.51	-2.88	2.56
2070	47.59	-3.22	2.44
2080	47.02	-3.28	2.52
2090	44.64	-3.5	2.43
2100	40.02	-3.98	2.09

1700-1880 MHZ antenna Apple diagram Direction diagram



1920-2100 MHZ antenna Apple diagram Direction diagram



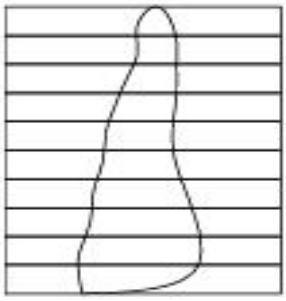


PACKING CRITERION

Date: 2025-07-22

Part Number : LEAEA100018A0	Revision : A
Name: Embedded Antenna	Customer : ALL

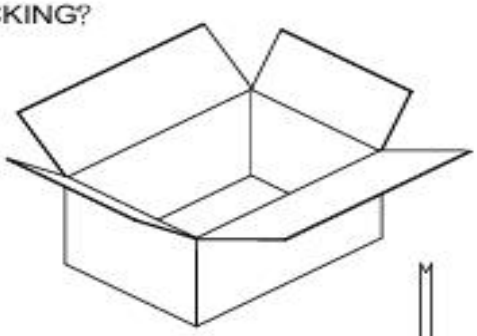
1 .



1000PCS

R-NIP-BAG-300245

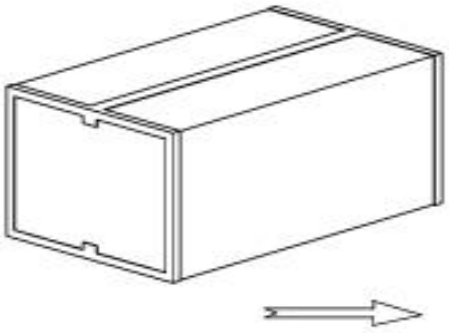
2.PACKING?

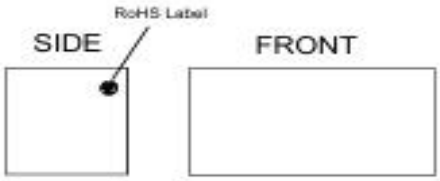


SIZE:29.0x36.0x16.5cm
20000PCS/BOX

Pearl cotton :1pcs/BOX

3 . SEALING¡£





APPROVED BY _____ CHECKED BY _____ DESIGNED BY _____