

SPECIFICATION FOR APPROVAL

CUSTOMER :	睿联
PART NAME :	CH2B 868-915MHZ天线 FPC天线/868-915MHZ/3M背胶/L=55mm/DZZ-CH2B-V01 (N12-7775-R0A)/得自在
PART NO. :	54.07.001.0170
DZZ NO. :	N12-7775-R0A
REV. :	V1.0

	MANUFACTURERR SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY:		
DATE:		

Shenzhen be-comfortable technology.co.,LTD

深圳市得自在科技有限公司

Address: No.1606,Build C6,HengFeng industrial city,xixiang
street,baoan district,Shenzhen

shanghai mengju technology co., LTD

上海市盟钜科技有限公司

103B, Build10, No.198 Zhang Heng Road , Pudong New
Area,Shanghai

Antenna Assembly

Specification(With housing)

1.Electrical Properties

1.1 Frequecy	868-915MHZ
1.2 Impedance.....	50Ω Norminal
1.3 Radiation.....	Omni
1.4 Polarization.....	Linear
1.5 Admitted Power.....	1W
1.6 Connector.....	SMA

2.Physical Properties

2.1 Working Temperature.....	-40°C~+85°C
2.2 Storage Temperature.....	-40°C~+85°C

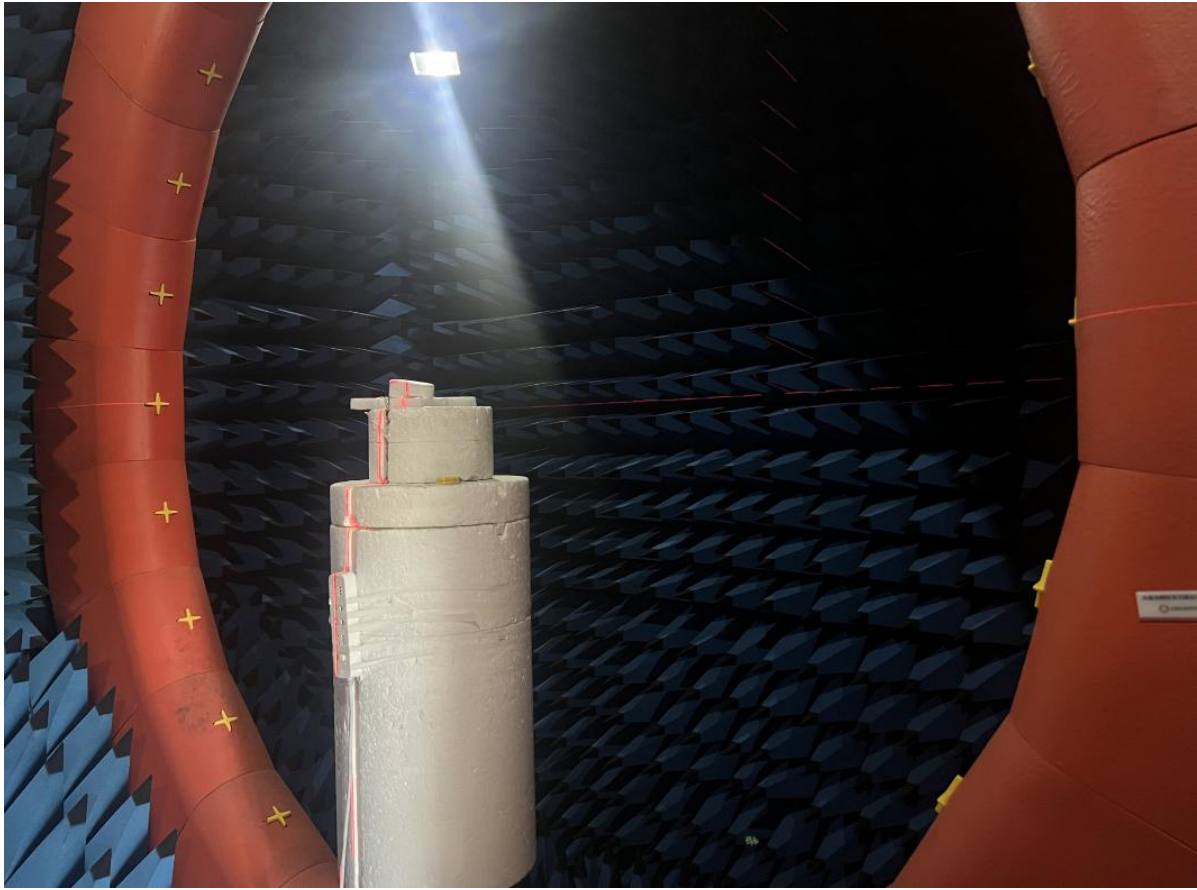
Antenna Design for CH2B FPC

Document Number	DZZ-20251016
1st Released Date	16/10/2025
Author	Huiping Feng
Review By	Huitao Mao

Revised History

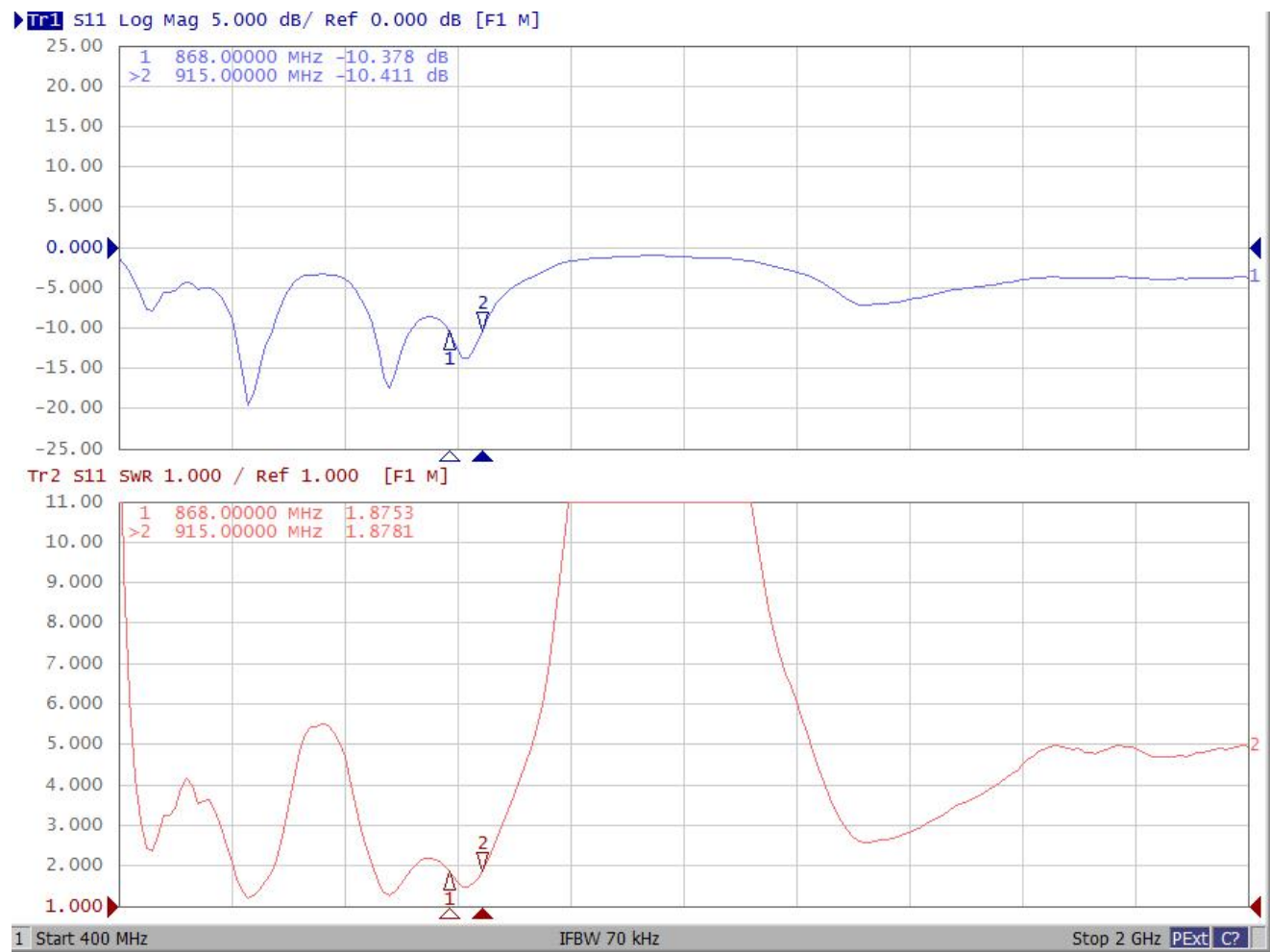
[illegible]

1.testing environment



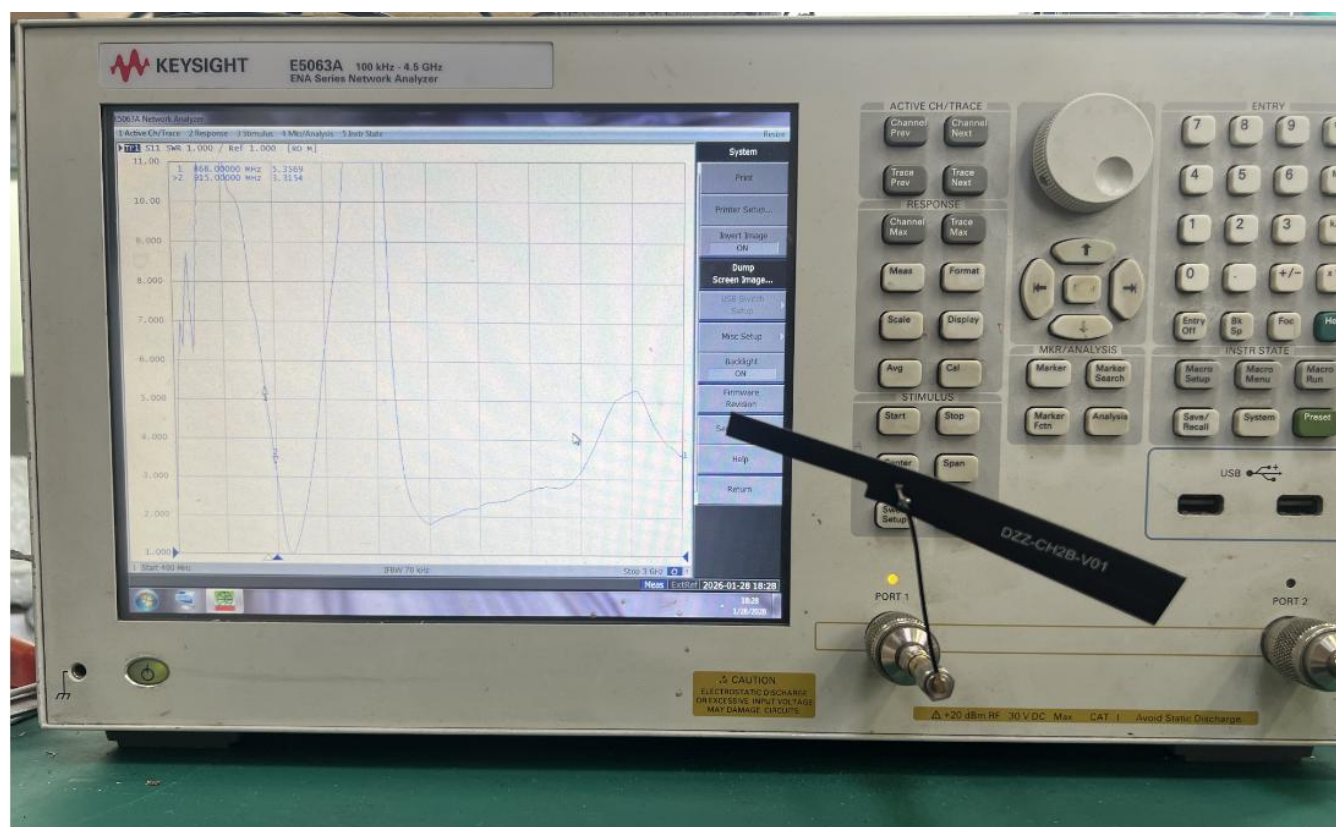
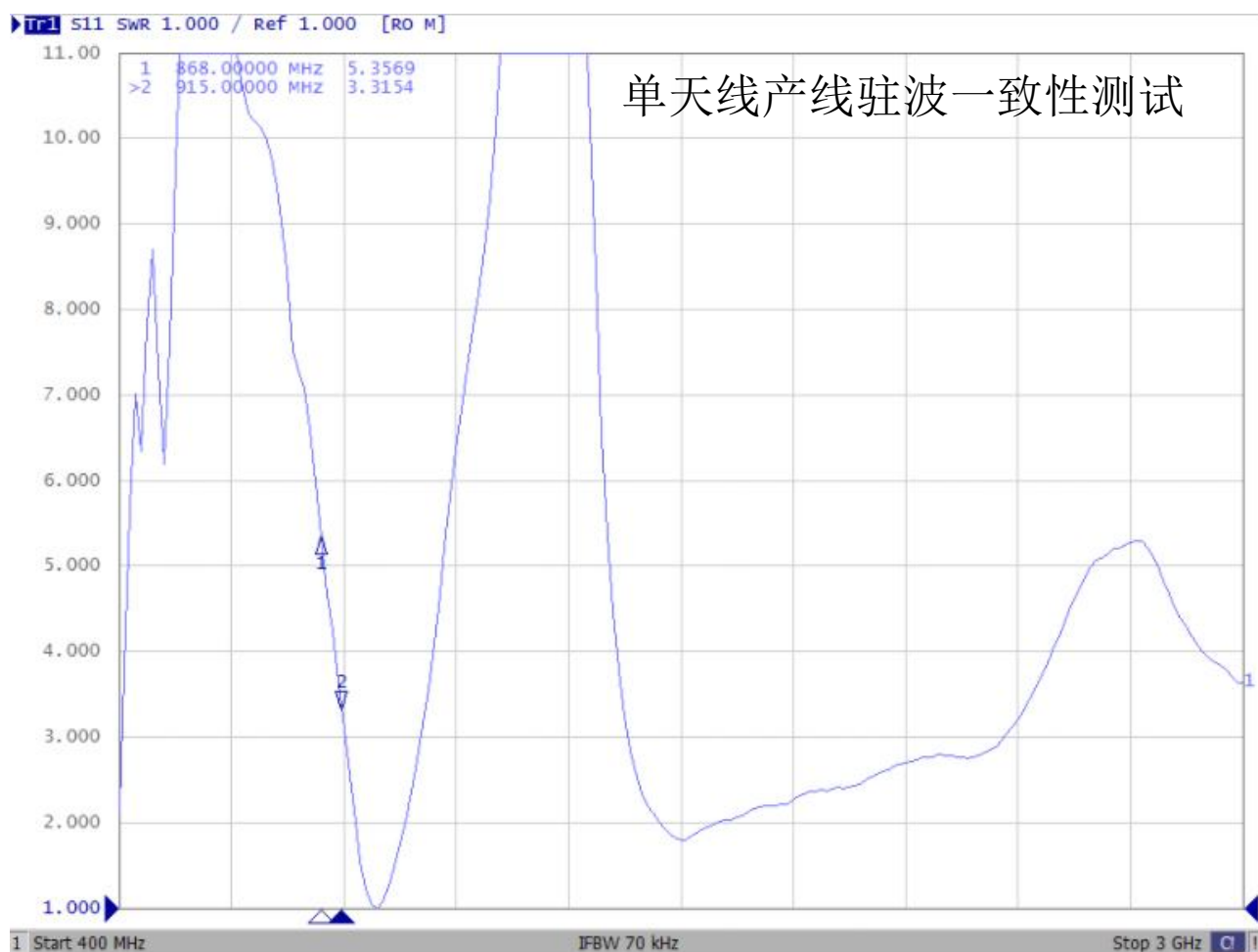
2.Analyzer Measurement

2.1 Ant S11 passive test results



2.2 Ant S11 Single antenna test

驻波比 6.5 以下

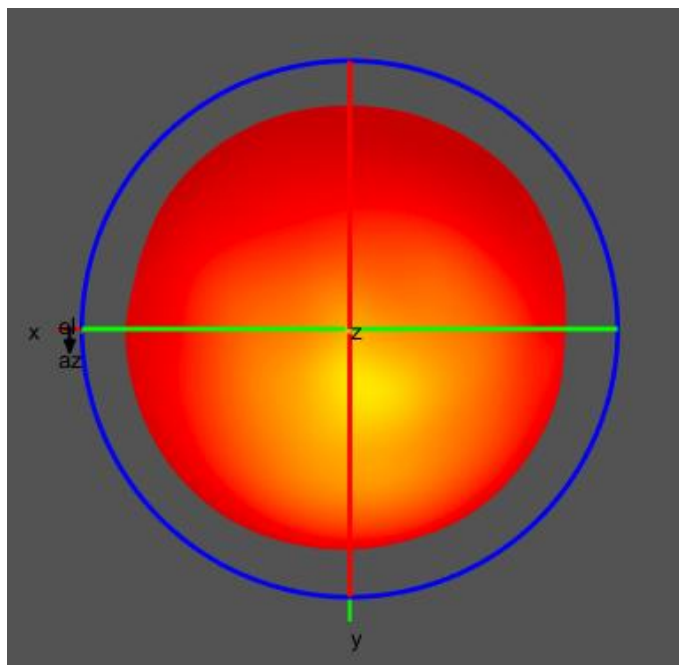
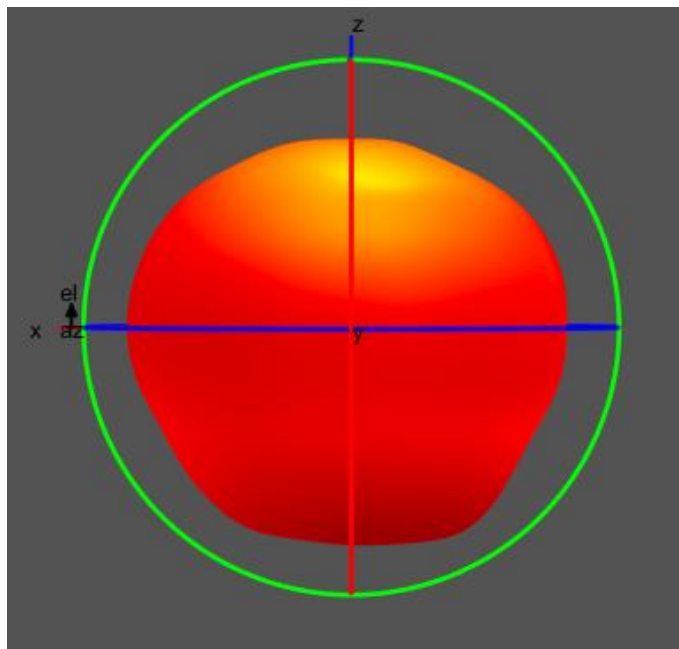
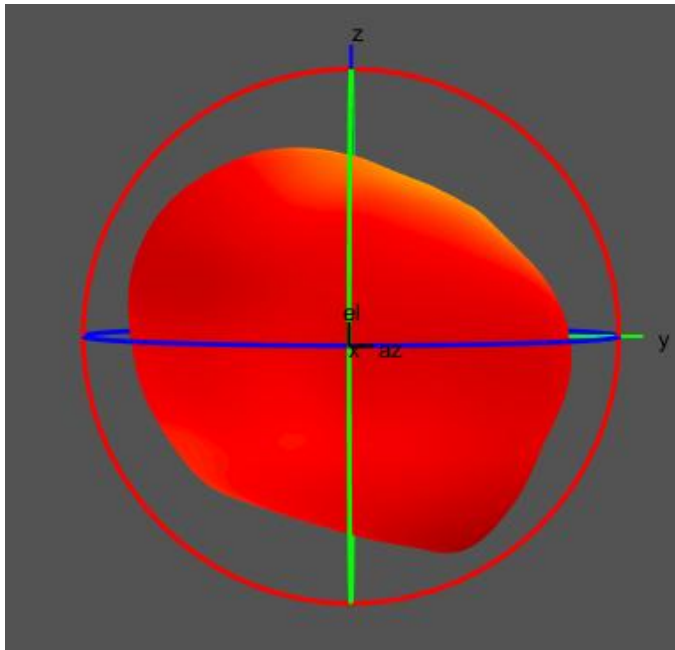


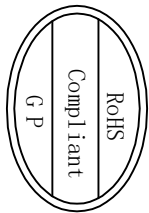
3.1 Peak Gain & Efficiency

Frequency	Efficiency	Gain
(MHz)	(%)	(dB)
860	34.25	0.33
865	34.96	0.38
870	35.11	0.27
875	35.06	0.21
880	36.31	0.16
885	36.19	0.21
890	37.06	0.16
895	35.88	-0.15
900	35.16	-0.22
905	34.67	-0.37
910	35.02	-0.06
915	34.66	-0.18
920	34.17	-0.55

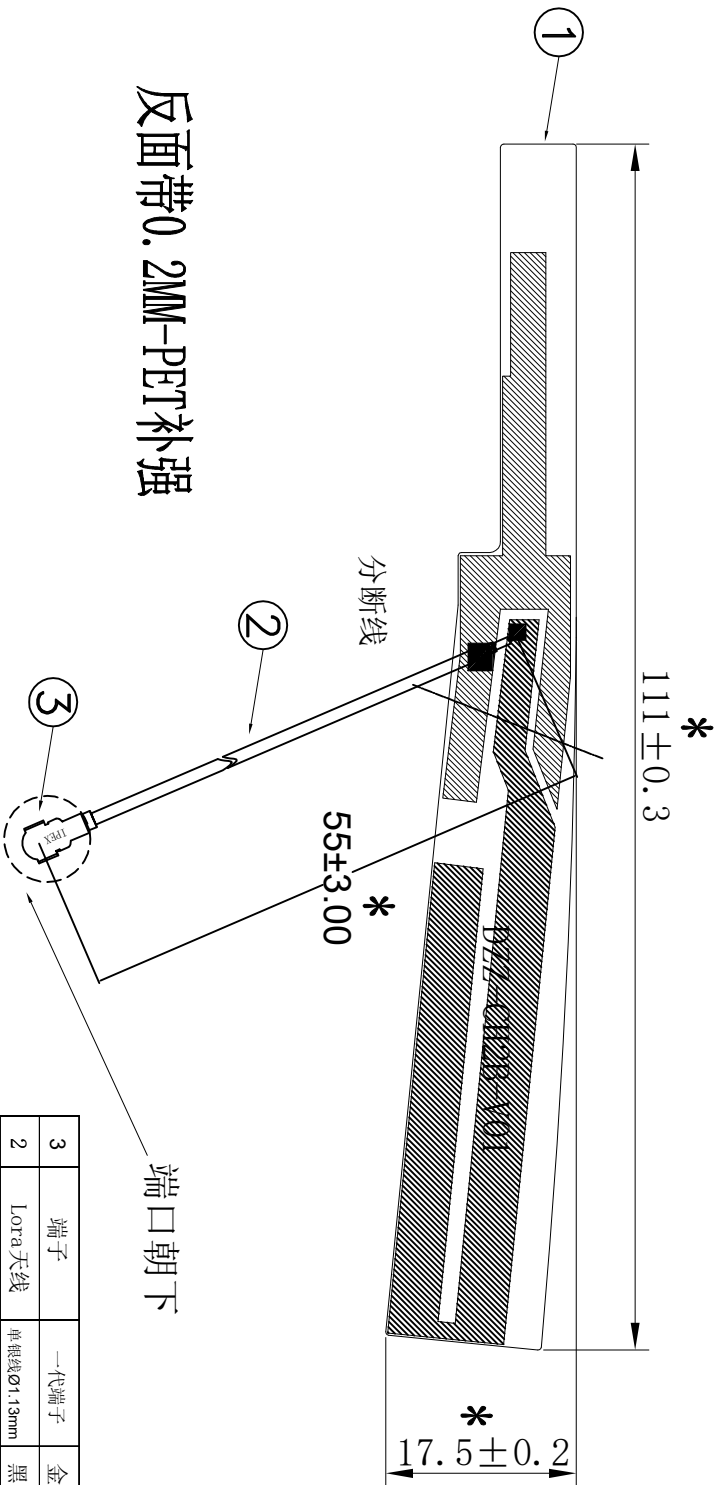
4.1 3D

890mhz





Rev			Description		Date	Remark
A			New drawing			



反面带0.2MM-PET补强

技术要求:

1. 标“*”尺寸为重点管控尺寸;
2. 未标注尺寸依照图纸;
3. 无虚焊、假焊、连锡、短路、断路等焊接不良现象;
4. 所有部件需符合RoHS要求;
5. 成品需全检性能。

Be-Comfortable
——得自在——

深圳市得自在科技有限公司
SHEN ZHEN BE-COMFORTABLE CO., LTD

Third Angle		Project		Date	
0~10	±0.05	CH2B		2025-08-25	
10~18	±0.10	FPC	Designed by		
18~30	±0.12	Part No. N12-7775-R0A	Checked by	舒子	
30~40	±0.15	Material P1	RF	毛惠涛	
40~	±0.20	Angle ±0.5°	Approved by		
Location		DWG No.	Unit mm	Scale 1:1	Rev A

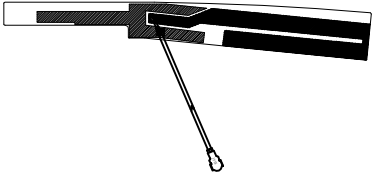
产品包装规范

日期: 2025.9.15

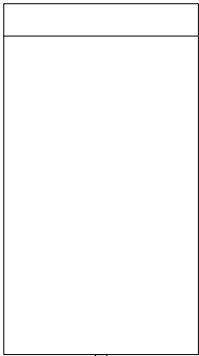
page: 1 of 1

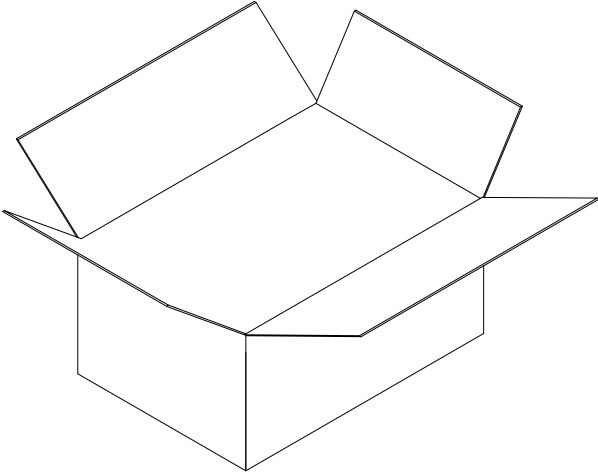
成品名称 :CH2B FPC天线		版本: A
------------------	--	-------

1) 成品天线

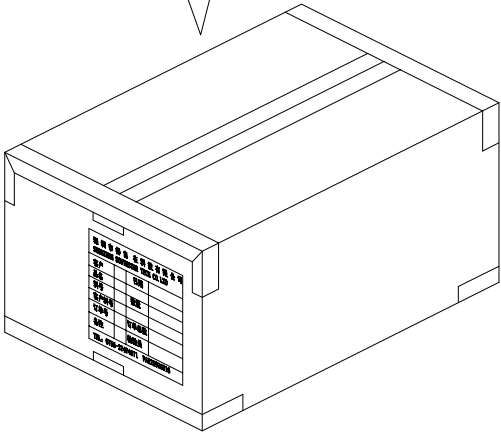


二: 用PE袋包装, 一袋装50PCS;





四: 装一箱, 以实际包装为准



五: 封箱, 外箱贴我司生产标签和 **ROHS** 标签.

批准: _____

确认: _____

拟制: _____

舒予