

Shenzhen Chuangkehua Technology Co., Ltd.



project name	PFH20	Working frequency band	WIFI;2400Mhz-25 00Mhz
Antenna Engineer	Zeng	construction engineer	Luo
date	2026-04-28	Antenna material	FPC

catalogue

MULU

01

Research and development testing equipment

02

Match Modification

03

Antenna Parameters

04

Mainboard of the entire device

05

Summary

① R&D testing equipment



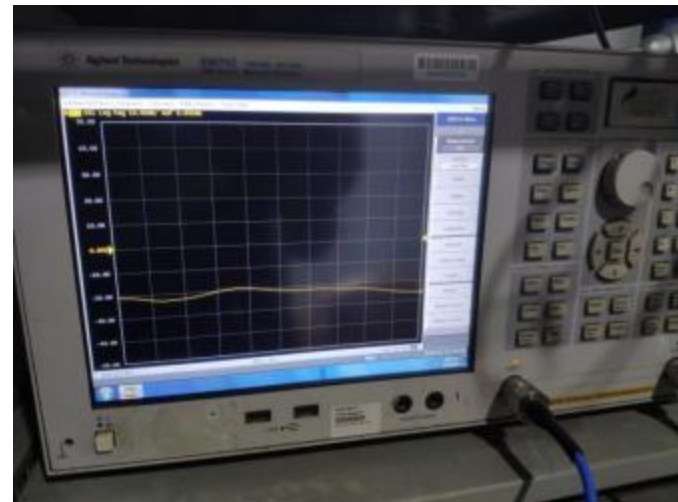
7*4*3M 3D microwave anechoic chamber



MT 8820C



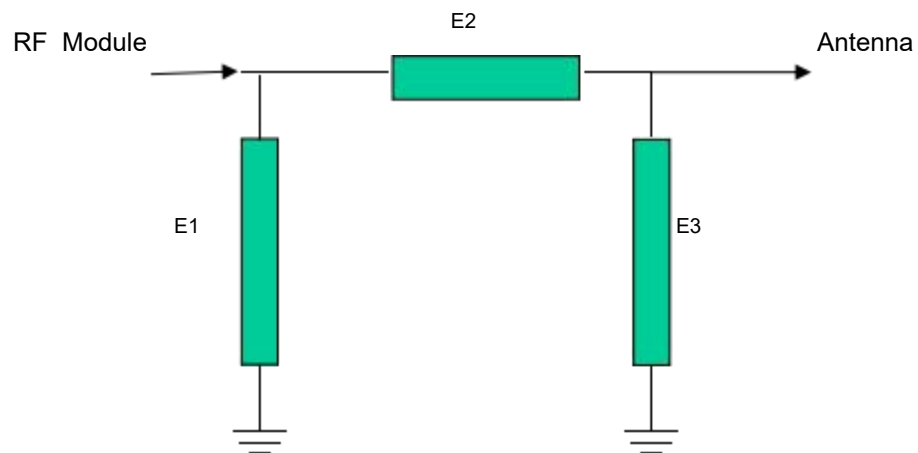
Agilent 8960



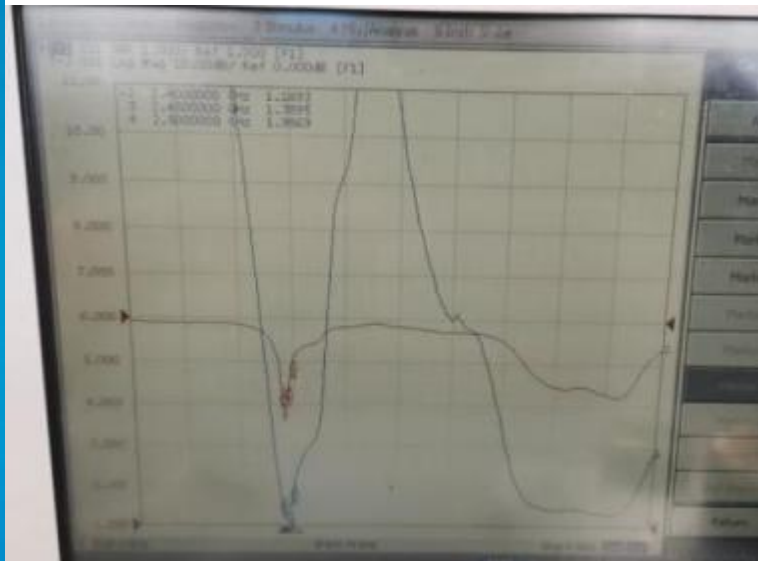
Agilent E5071C

Match (unchanged, match as original)

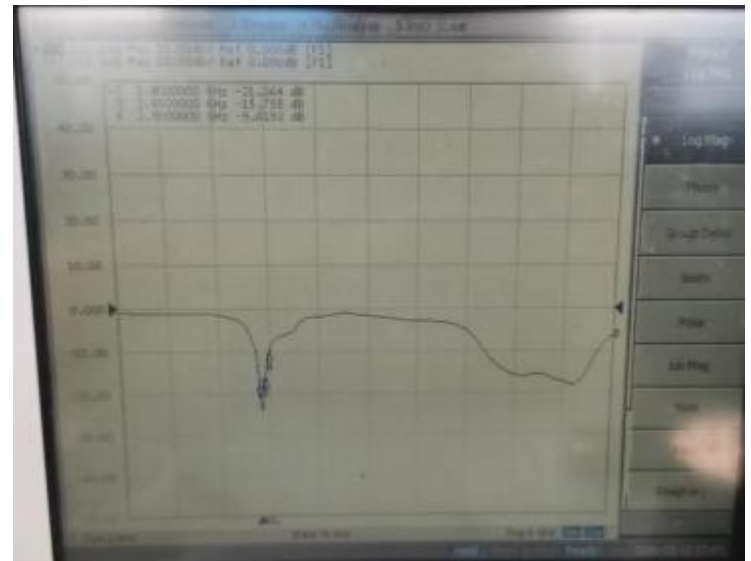
Element	E1	E2	E3
Value	/	/	/



standing wave pattern



Loss Chart

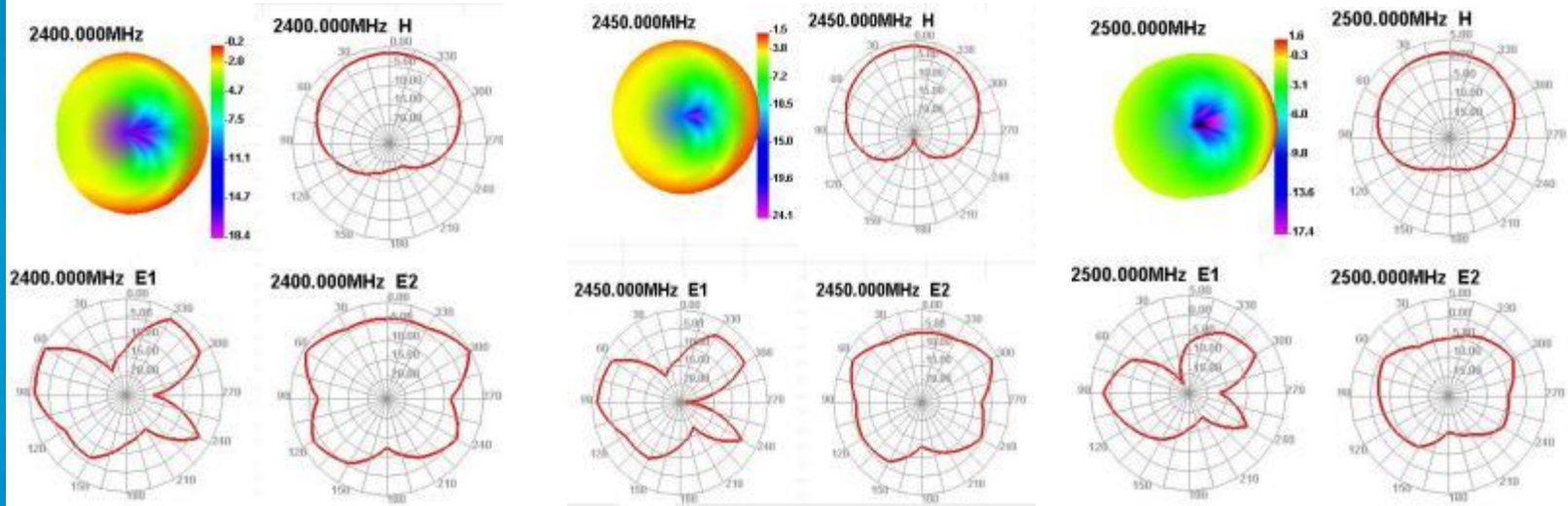


Passive efficiency gain

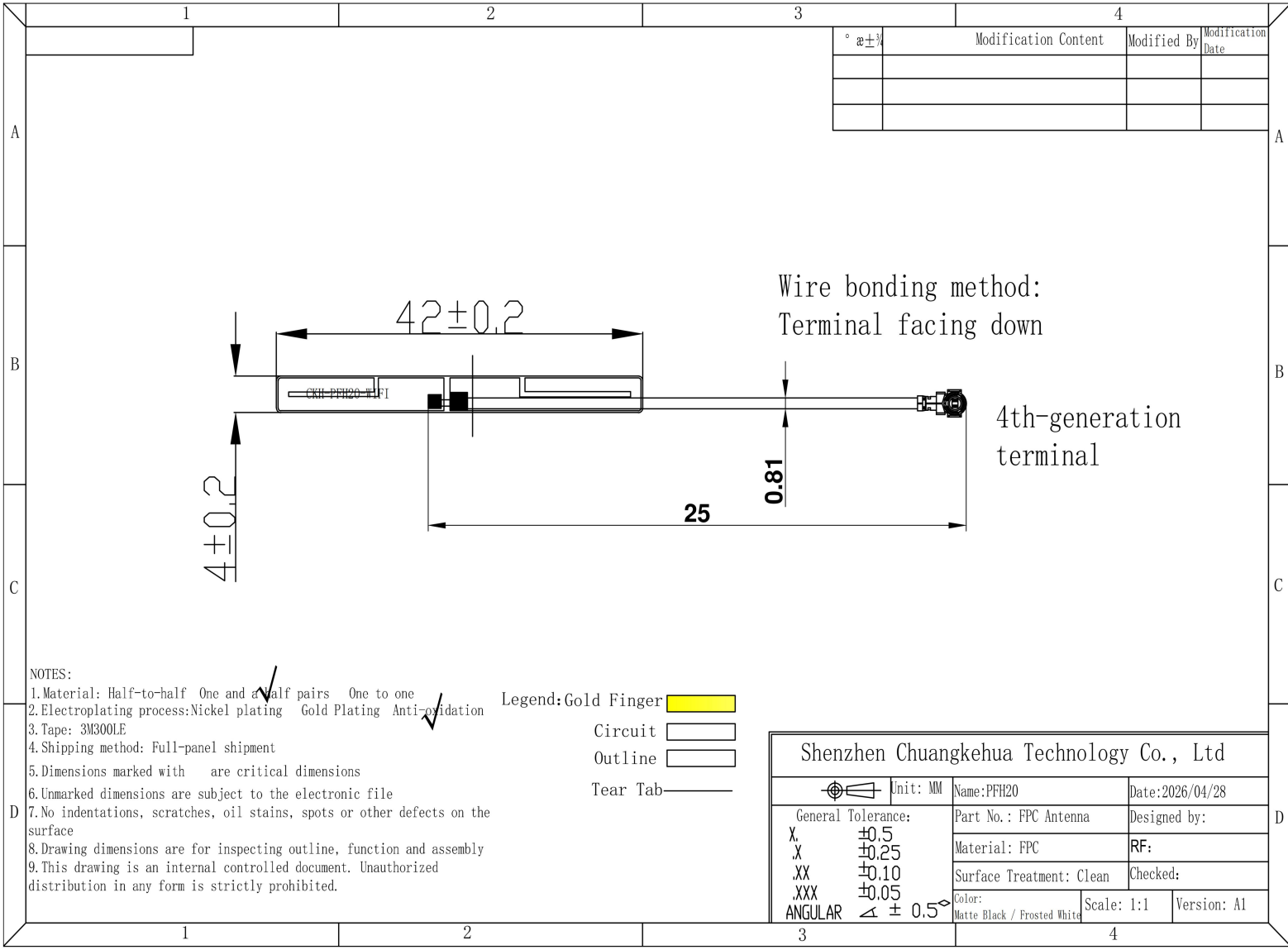
Passive Test

Freq (MHz)	Effi (%)	Gain (dBi)
2400	39.38	-0.2
2410	38.09	-0.22
2420	32.75	-0.96
2430	28.89	-1.55
2440	29.21	-1.75
2450	30.23	-1.53
2460	34.05	-0.76
2470	38.5	-0.09
2480	47.74	1.13
2490	53.11	1.74
2500	50.86	1.65

3D Apple Image



⑥ Antenna Drawing



1. The above data solely represents the performance parameters of the debugging machine. If your company requires trial production or mass production, please arrange for the trial/mass-production machines to be tested and verified at our facility.
2. Please confirm the feasibility of the aforementioned matching modifications and overall system environment adjustments. Maintain open communication if any objections arise.
3. Any modifications to the complete system must undergo performance testing and verification at our facility to ensure smooth subsequent production operations.



Shenzhen Chuangkehua Technology Co., Ltd.

Thank you for your cooperation!

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