



Rui Xiang Xin Communication Technology Co. , Ltd.

Admission

Customer name: angrymiao
Product name: AM21
Model : FC78
Material Code: F088C7801T10001
Customer Code: 01.02.132.00035A1
Date: 2023.07.12

Approved	RF	PM	PD	QE

(Customer)

Procurement	RF	QE

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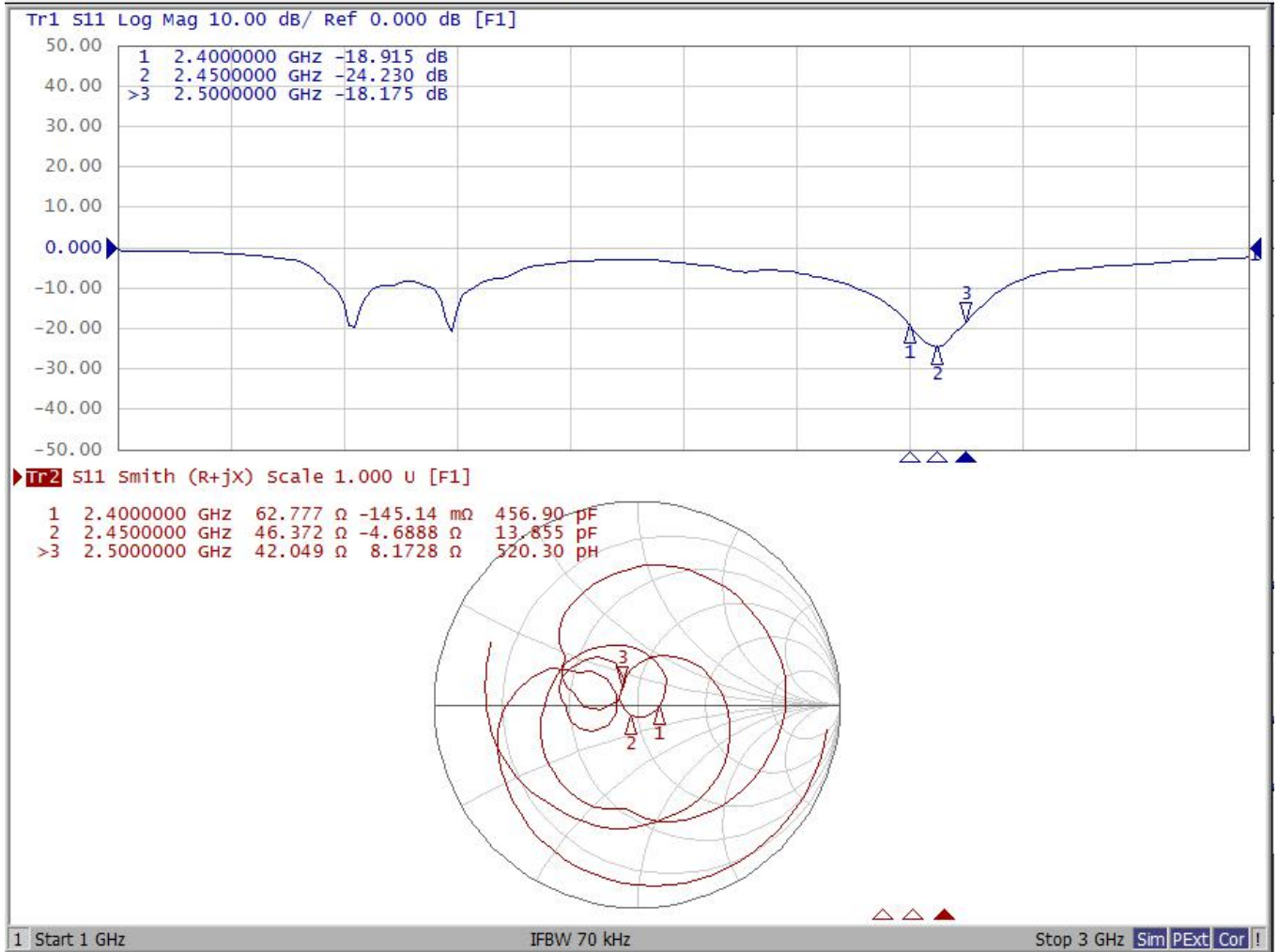
BT Picture of the antenna:



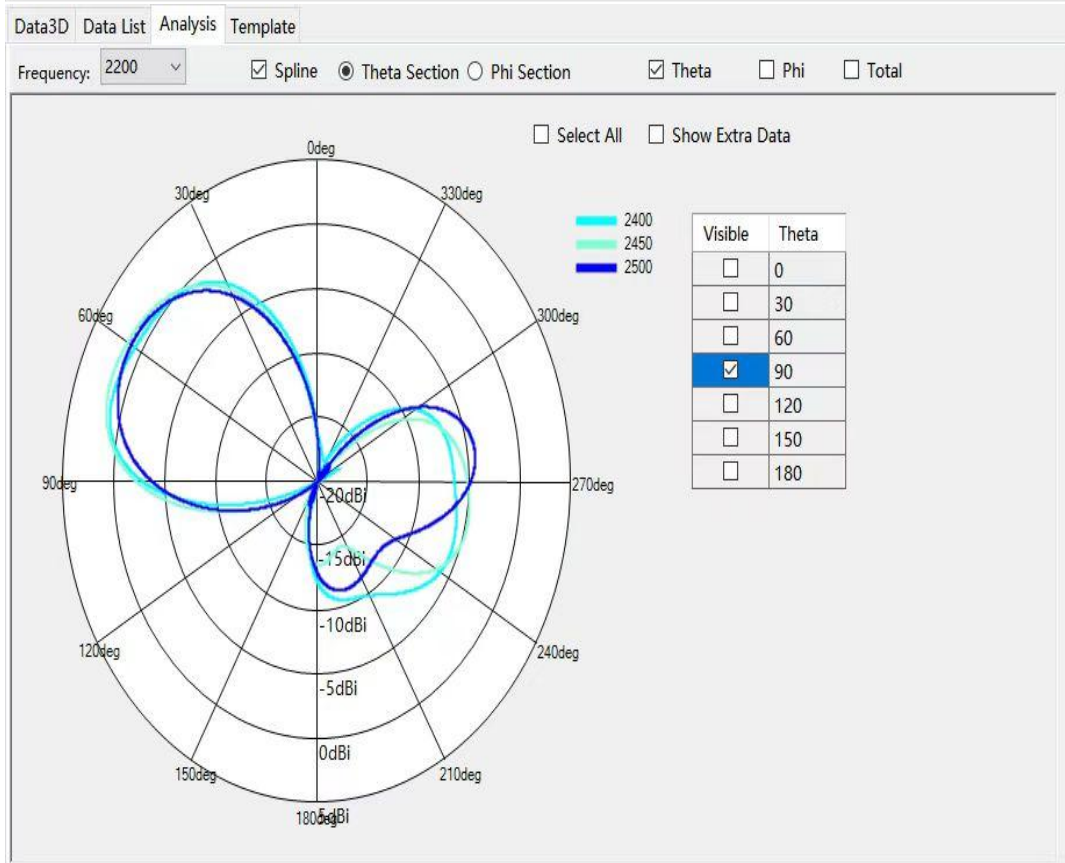
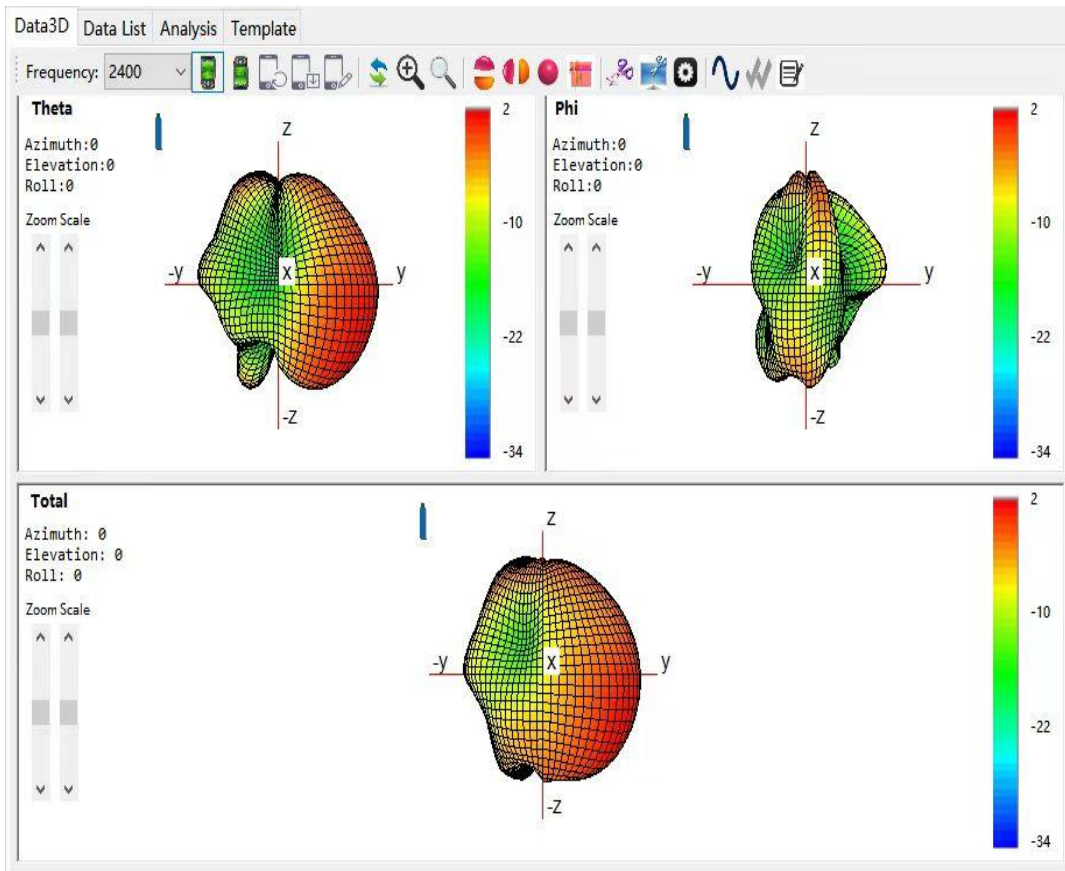
Passive echo loss

E5063A Network Analyzer

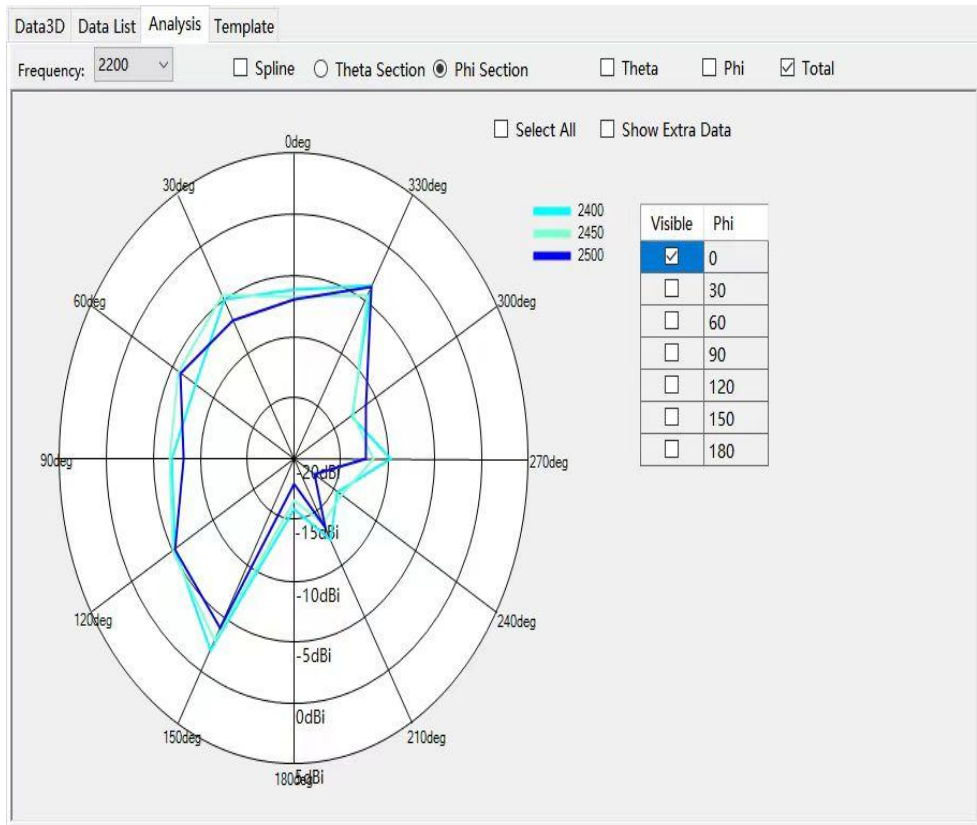
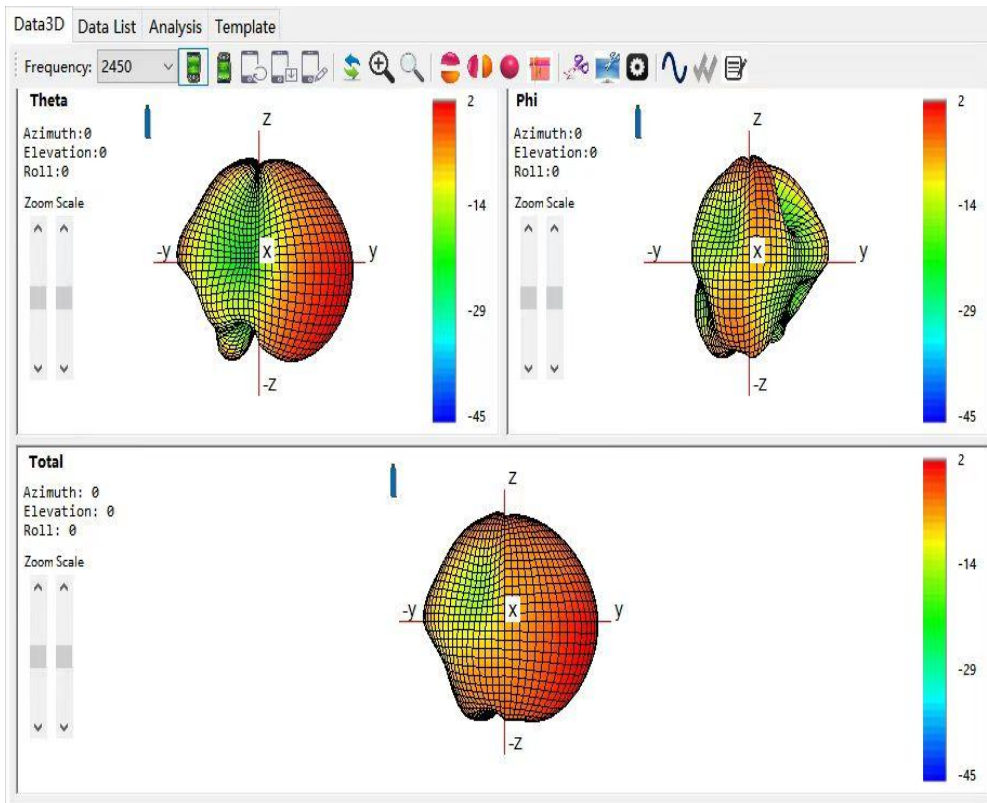
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State



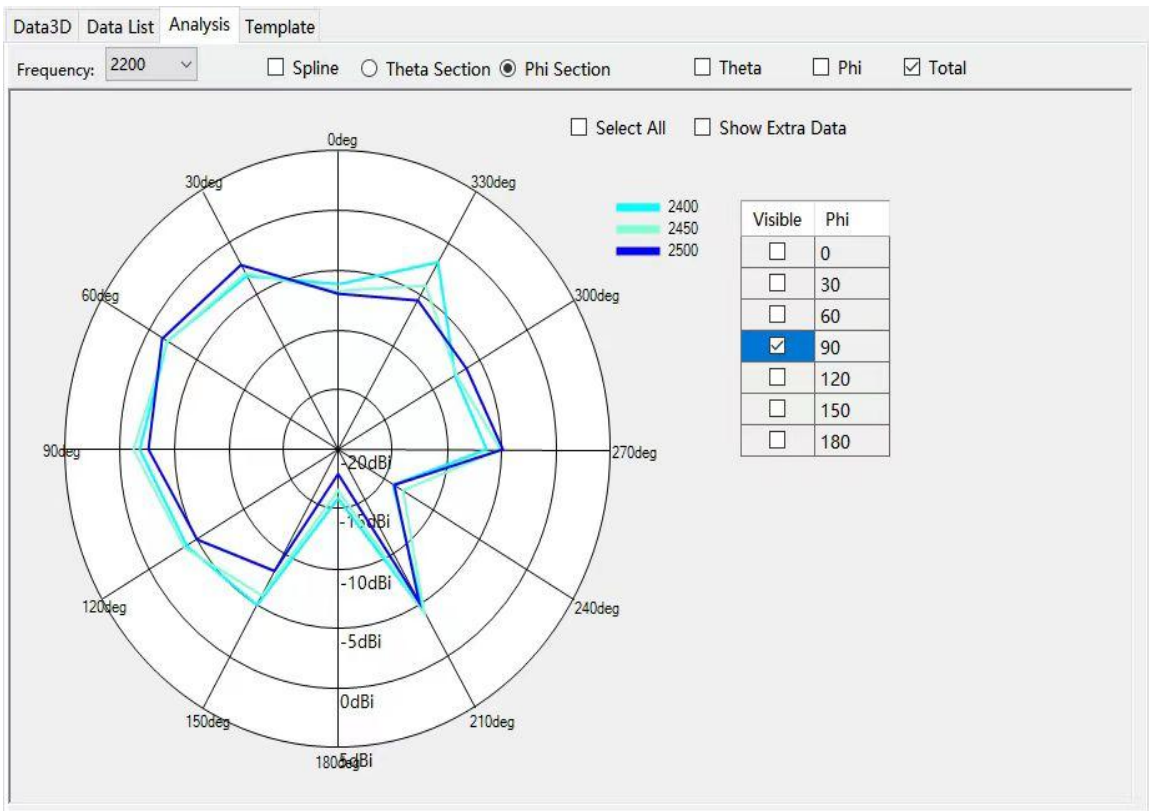
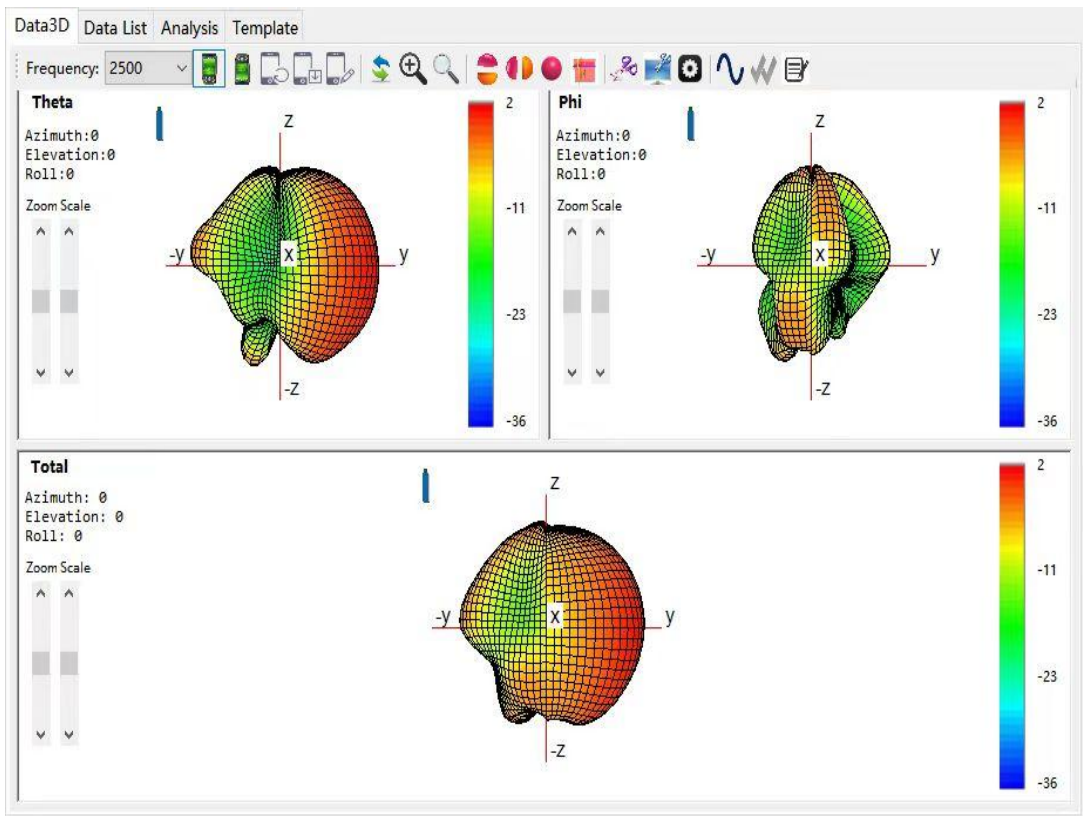
3D Apple chart (2400MHz)



3D Apple chart (2450MHz)



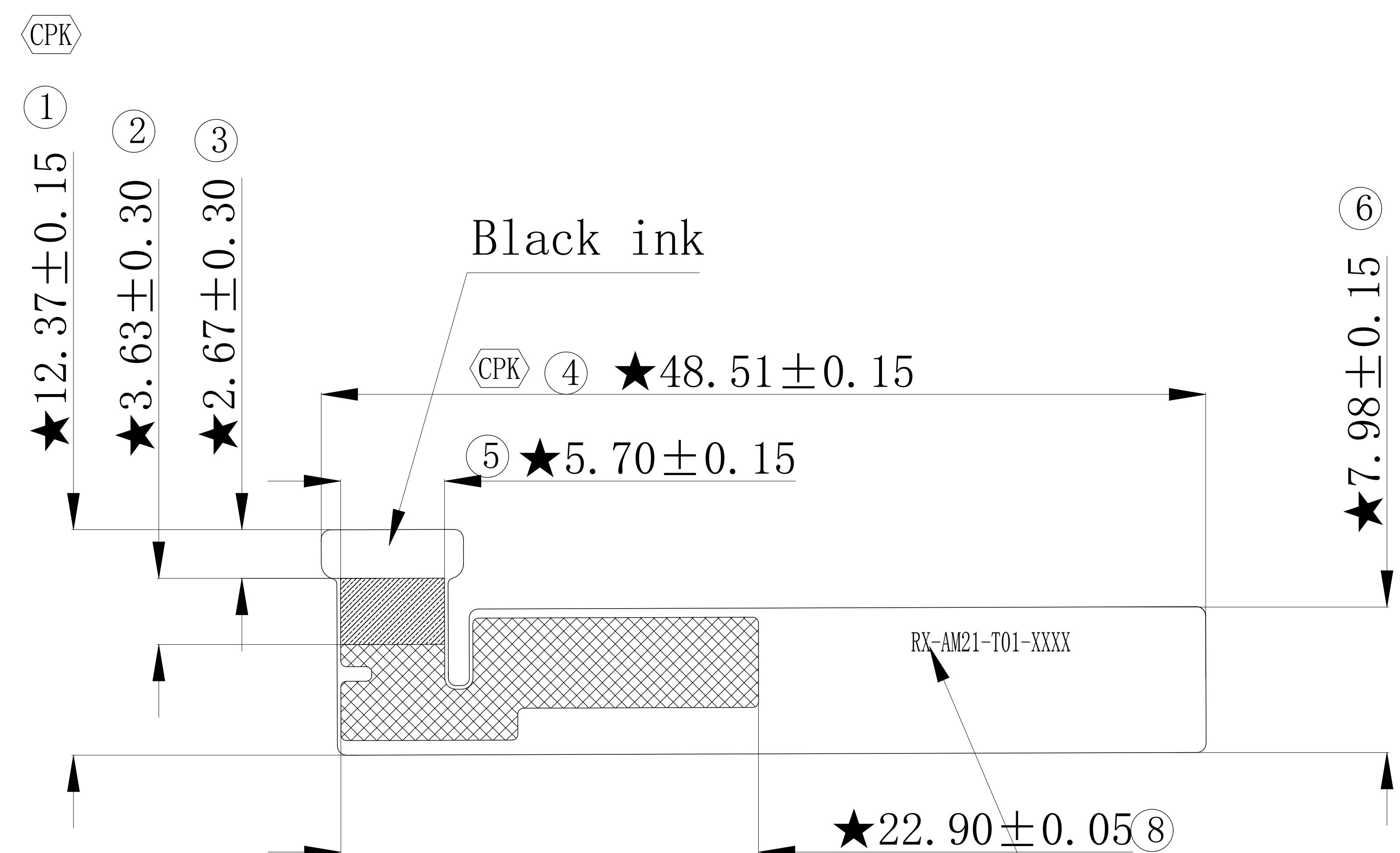
3D Apple chart (2500MHz)



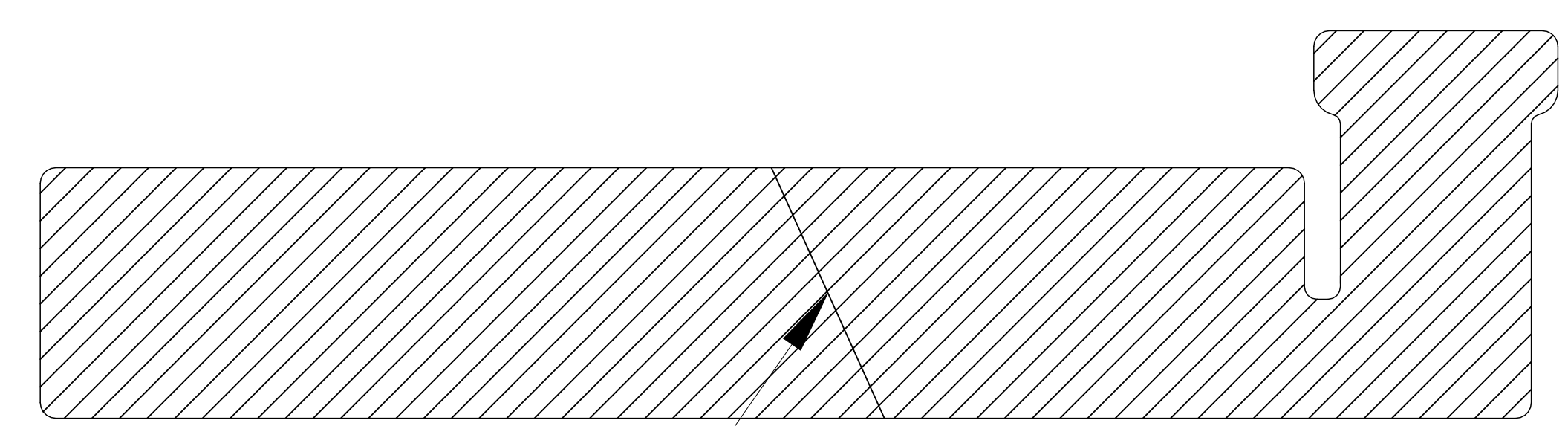
BT Antenna active data

Freq	Effi	Gain	Effi
(MHz)	(dB)	(dBi)	(%)
2400	-5.0	1.8	31.5
2410	-5.1	1.4	31.2
2420	-5.1	1.3	30.9
2430	-4.9	2.0	32.7
2440	-4.9	1.9	32.4
2450	-5.1	1.8	31.2
2460	-5.0	1.8	31.4
2470	-5.2	1.6	30.6
2480	-5.2	1.6	30.3
2490	-5.4	1.5	28.7
2500	-5.5	1.3	28.3

Version	Mark	Modify content	Sign	Date
T01		Production release	Lin Zhaowei	2023.07.18



CPK 7 ★0.11±0.03
Release paper is not included



Front


Negative

Silkscreen white characters
XXXX Represents the production cycle

Skills requirement :

- The front side represents the part of the FPC laying copper traces covering the ink or covering film, The back represents the back collagen-packed adhesive tape part ;
- ★ Size is key size , “CPK” Need to make CPK size , “()” Is the actual size , “△” For design changes ; Refer to the tolerance table for tolerances not noted ;
- The surface is clean, no dirt, no copper exposed, falling off and other defects ;
- The white line □ is the largest shape of FPC , The orange wire is ▨ the antenna patter; The blue line — is the release paper cutting line , The red line — is the antenna change mark ;
- Satisfy related reliability tests such as salt spray test/adhesion test , According to our internal RX-WI-QAC-014 Implementation of reliability test standards , All materials are in line with our company RX-WI-QAC-008 Product Environmental Substance Prohibition Management Standard Products must meet WT-WI-D003 《Restriction Standards for Hazardous Substances 》 ;
- FPC incoming materials are shipped in full-page packaging, and the blue film weight requirement is 10-20g ;
- The product packaging must be clean and tidy, and the packaging process must not cause any contamination to the product .

>200	±0.20	ANGLES
100-200	±0.18	
50-100	±0.15	±1°
10-50	±0.13	
0-10	±0.10	

Stacking diagram and material specifications	Model	AM21 (FC78)	Design	Lin Zhaowei	Date	2023.07.18
	Name	FC78 BT-FPC	R F	Gao Weiping	Date	2023.07.18
Ni=2-6um; Au≥0.03um	Part No	F088C7801T10001	Audit	Xie Yuqing	Date	2023.07.18
Black ink T=15±5um, Silkscreen white characters	Version	T01 Frame A4	 KunShan INNOWAVE Communication Technology Co.Ltd			
ED Copper T=0.5oz	Proportion	1:1 第三视角				
Adhesive T=13um	Unit	MM				
PolyimideFilm T=0.5mil						
Adhesive 3M467 T=50um						
Release film T=100±20um						

Packaging

Packaging			
Customer data	/	Product name	BT Finished antenna
Product specifications	AM21	Packaging materials	Cartons
Quantity of packing	1 case	Packing method	Micromucosa packaging
Number of boxes packed	30000		

Single piece



Packing method



Box View



Carton label



Notes:

- The products are packed and shipped in single unit, micro-mucosa packaging, 30000PCS per case
- The actual quantity shipped shall prevail

Made: 李会杰

Confirm: 党非非

Audit: 雍文生