



Antenna Part Specification

Customer name:	Shenzhen AngSi Technology Co.,Ltd.
Project name:	HAT609/608CB&S
Material category:	BT antenna
Version:	V1.0
Date:	2022.10.10



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Change record			
Compile / change date	Reason for change	Changed content	Version

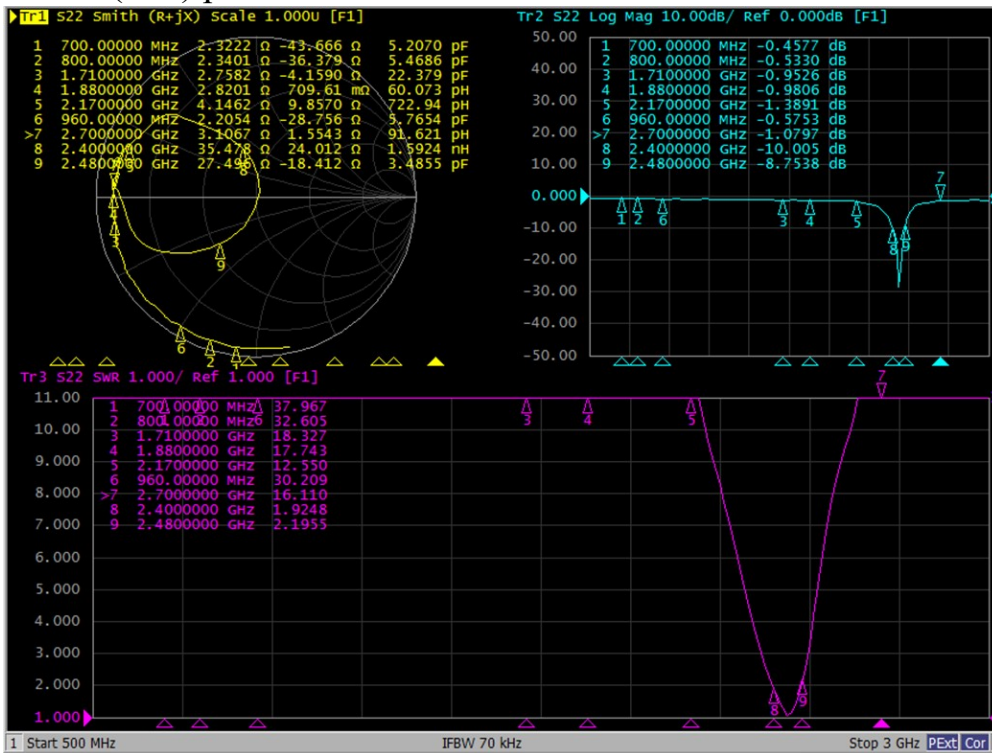


I: The report of passive data



Angilent E5071C

VSWR(S11) parameter (R) :

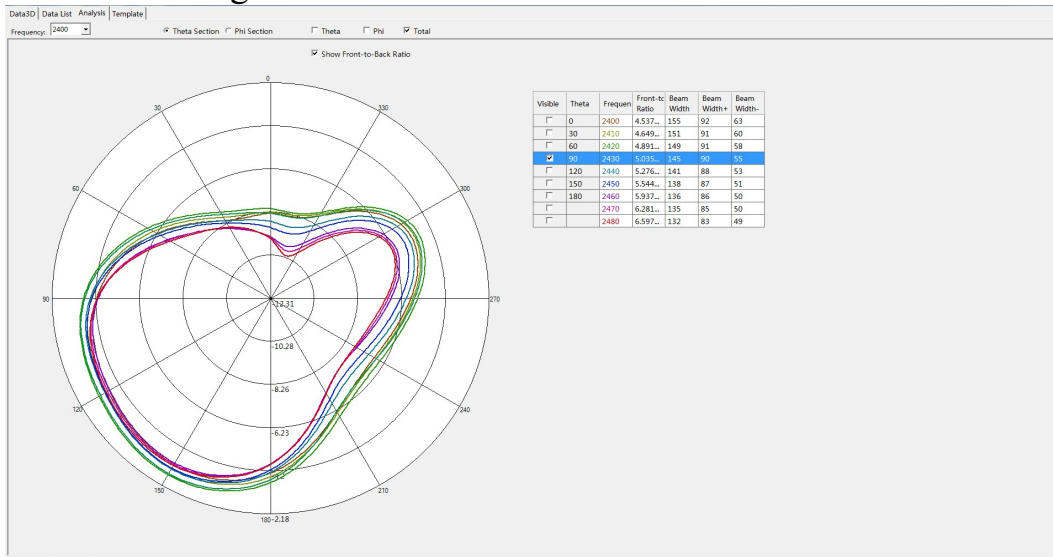


Efficiency:

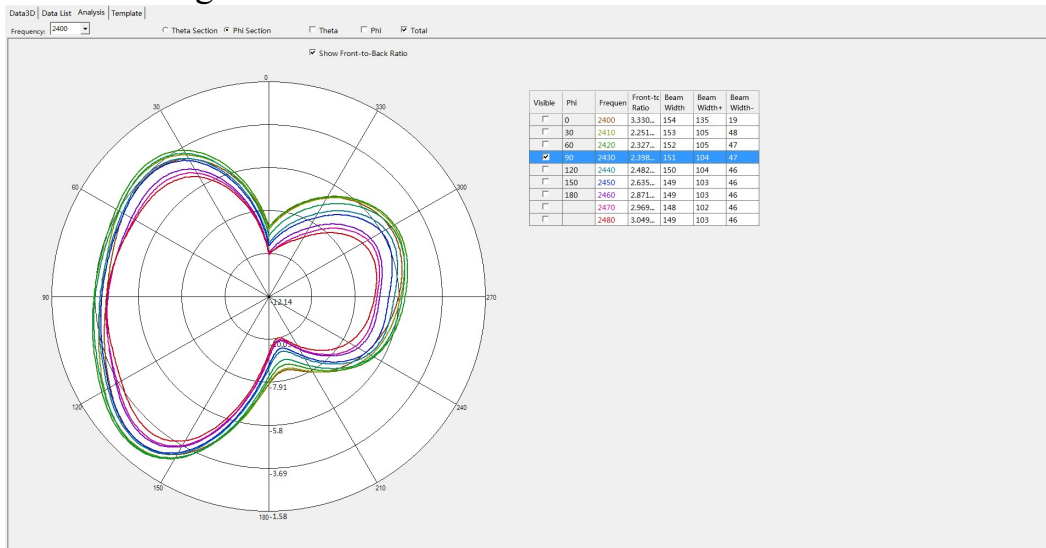
2400-2480 MHz (R)			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	28.7	-5.4	-2.7
2410	30.1	-5.2	-2.5
2420	31.4	-5.0	-2.3
2430	30.6	-5.1	-2.3
2440	28.7	-5.4	-2.5
2450	27.9	-5.5	-2.6
2460	25.5	-5.9	-3.0
2470	25.0	-6.0	-3.0
2480	24.2	-6.2	-3.2
Average value	28.0	-5.5	-2.7



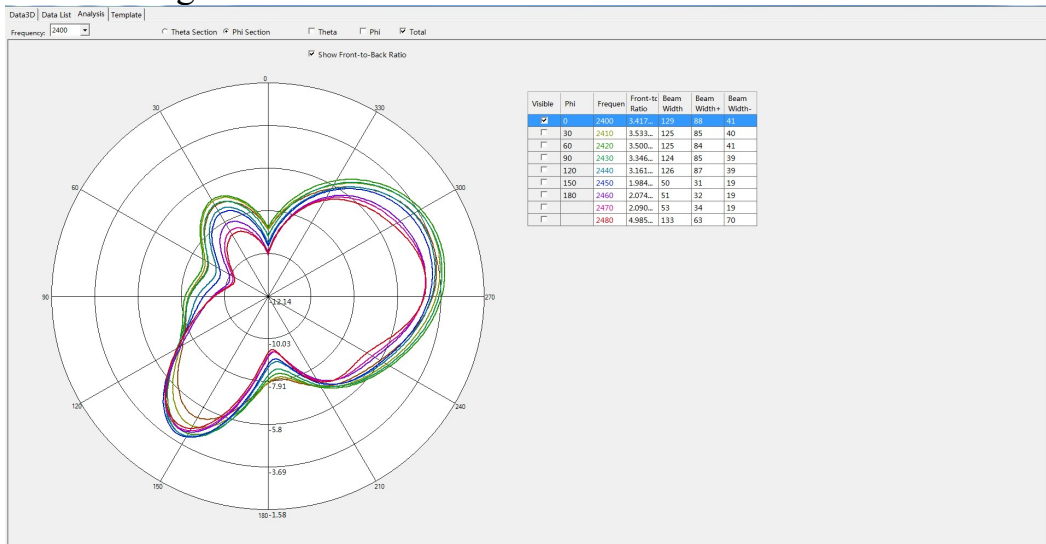
Antenna radiation pattern (R) : Theta=90.00deg



Phi=90.00deg



Phi=0.00deg





II: 3D Active test report of antenna

	Channel	TRP (dBm)	TIS (dBm)
R	0	2.6	-82.0
	39	3.9	-83.8
	78	3.3	-82.7

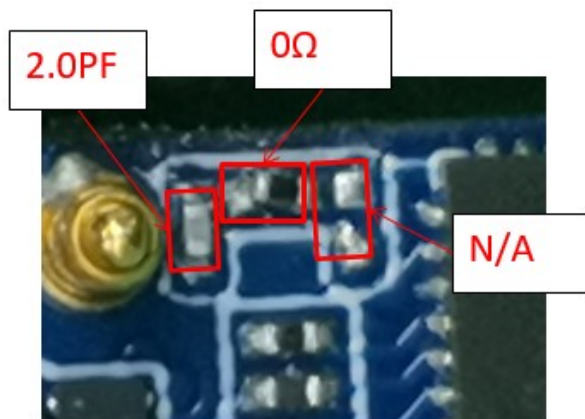
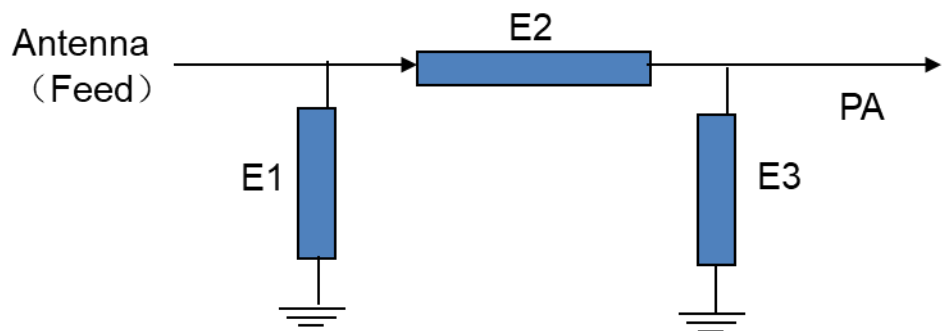


OTA Standard Chamber

III: Matching circuit

Right ear:

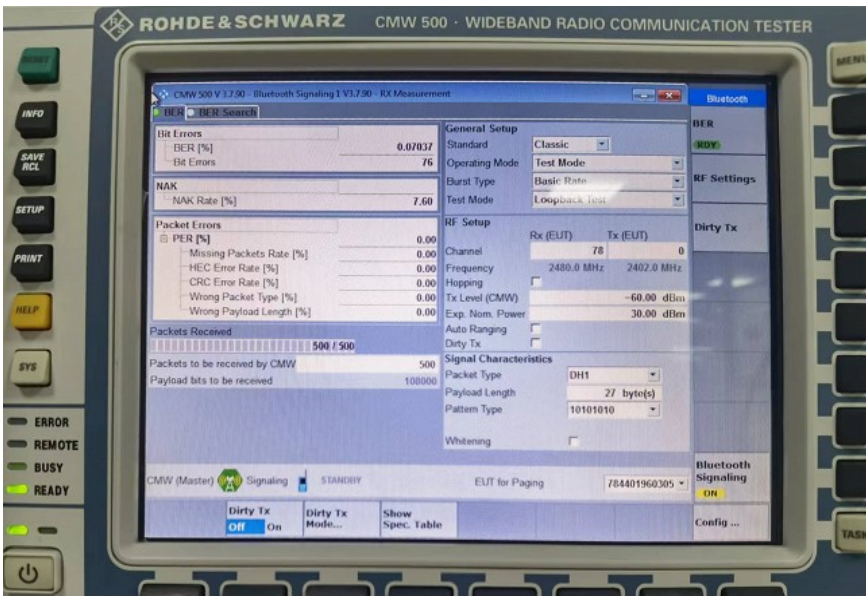
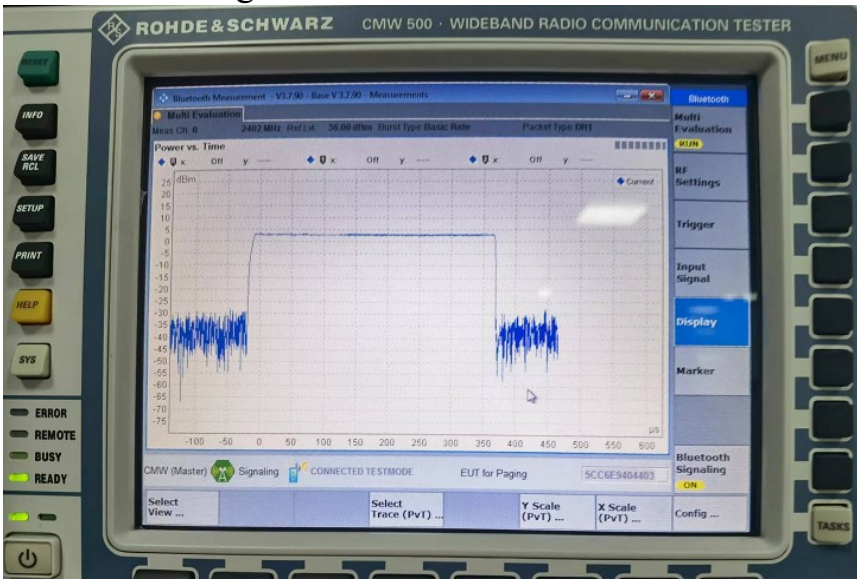
Element	Value
E1(0201)	2.0pF
E2(0201)	0Ω
E3(0201)	N/A





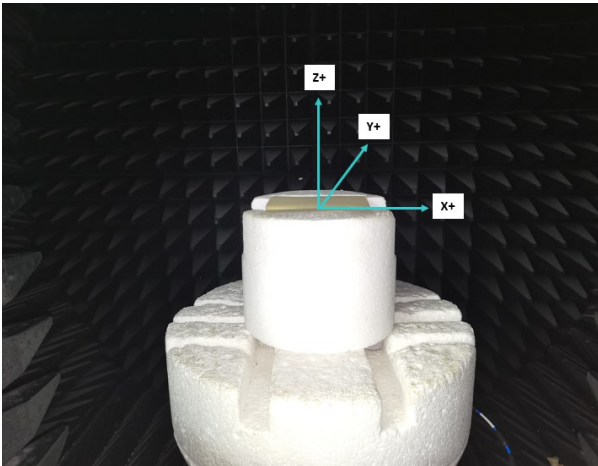
IV: Program settings

① Device settings:

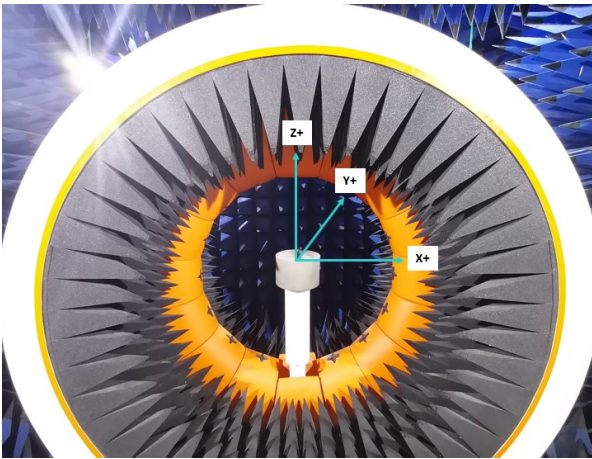




② Test placement position:



Placement position of passive test in darkroom (free)

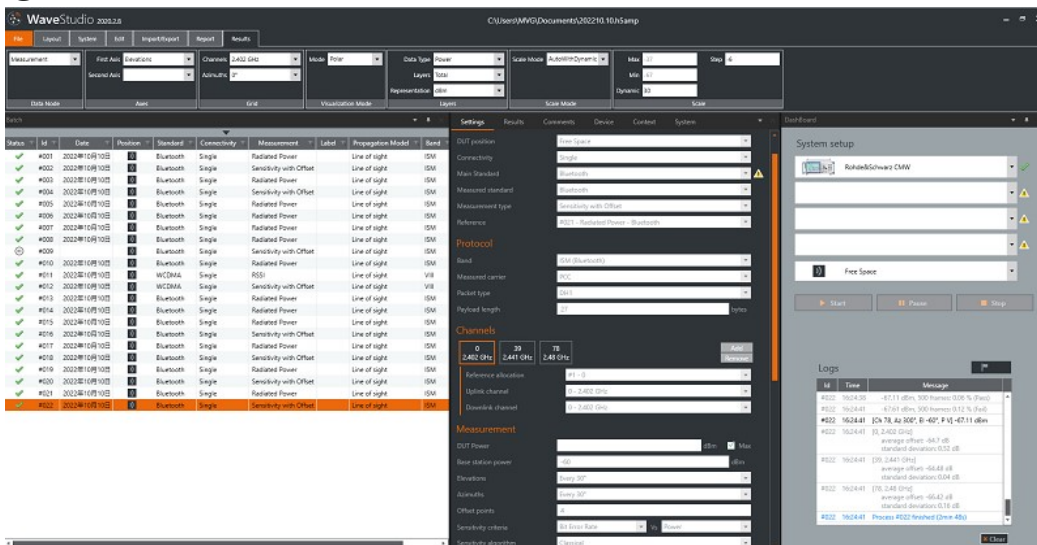


Placement position of darkroom active test (free)

③ Test location:

The test site is the satimo darkroom

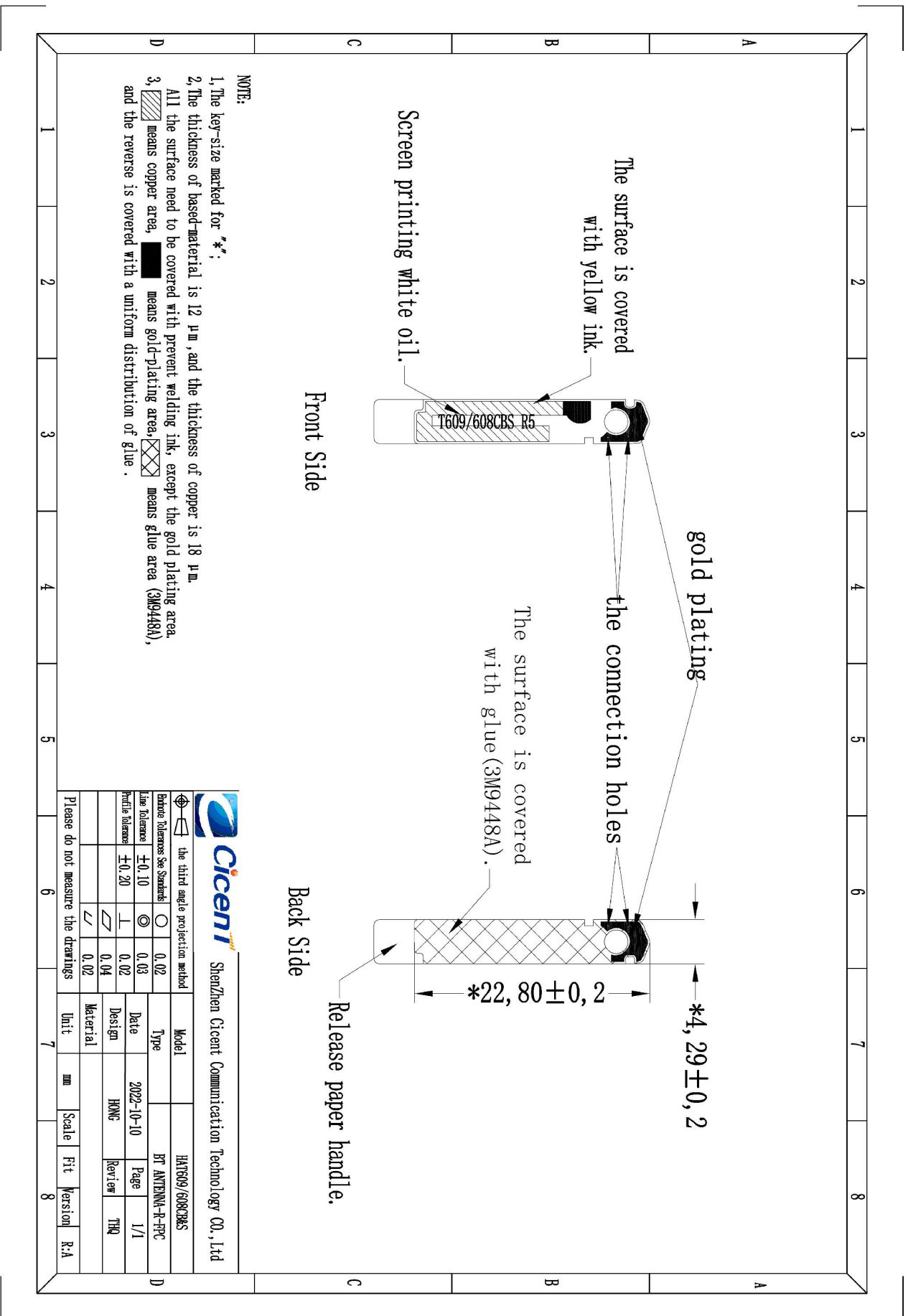
④ test method:



After the machine enters the DUT, put it into the satimo darkroom, connect the CMW500 to the address code of the machine, and then start the test



V: Structure file



	the third angle projection method	Model	HAT609/608CBS	
	Shenzhen Cicent Communication Technology CO., Ltd	Type	BT ANTENNA-R-PPC	
Drawn Tolerance See Standards	\varnothing 0.02	Date	2022-10-10	
Line Tolerance	± 0.10	Design	HONG	
Profile Tolerance	± 0.20	Material	THQ	
	∇ 0.04	Unit	mm	
	∇ 0.02	Scale	Fit	
Please do not measure the drawings		Version	R-A	