

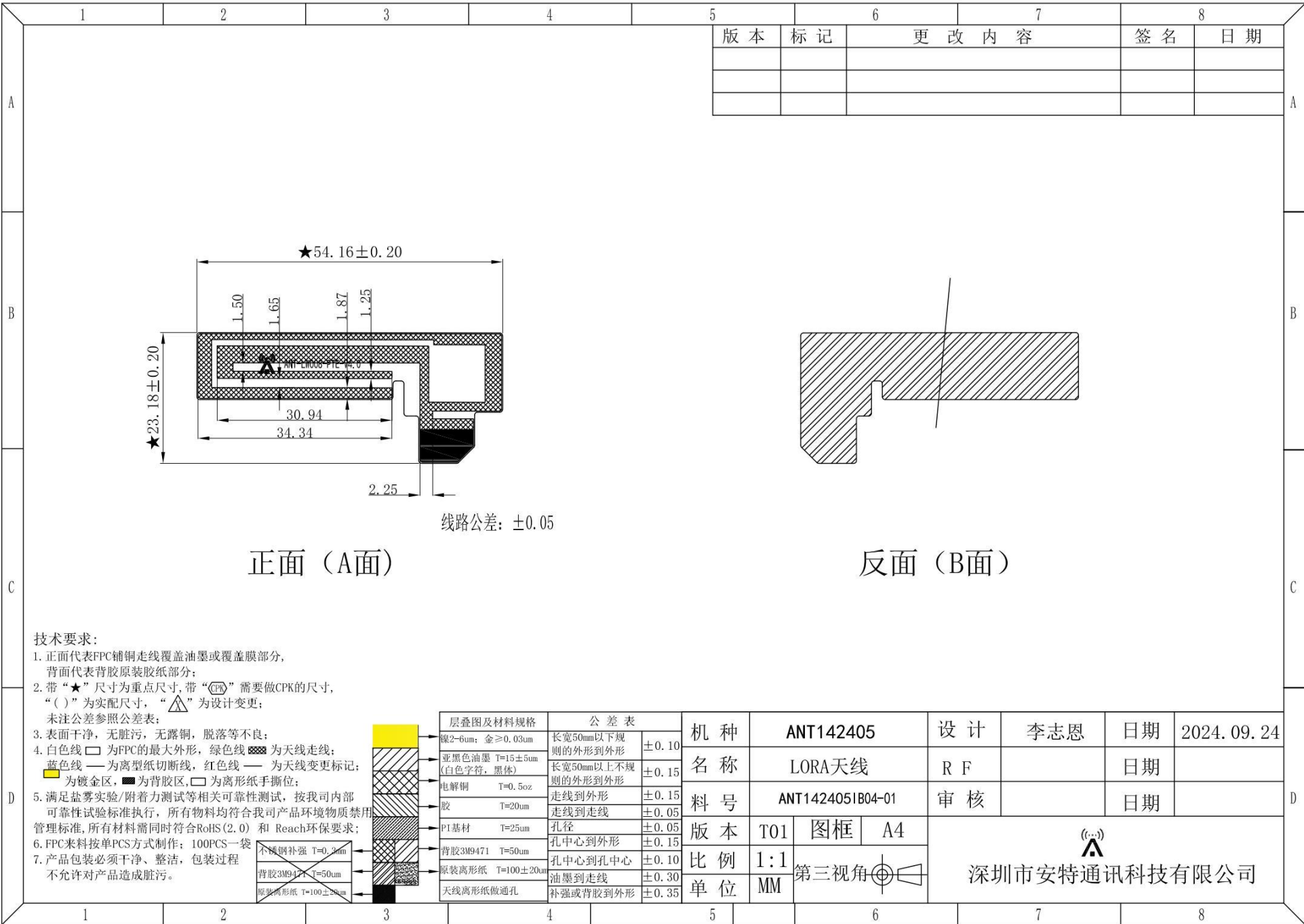


深圳市安特通讯科技有限公司

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M/N: LW008-PTE



1 2 3 4 5 6 7 8

一、产品规格技术参数:

Electrical property parameter	
Frequency range	850-930MHZ
Input impedance	50 Ω
SW	≤2.5
Maximum gain	-0.93dBi
efficiency	>30%
Polarization	V
Radiation direction	omnidirectional
Mechanical parameter	
Antenna size	54.16*23.18
Antenna type	FPC
Joint type	/
Environmental parameter	
Environmental parameter	-45℃--+85℃
Storage temperature	-45℃--+85℃

二、Test equipment

1. Network analyzer

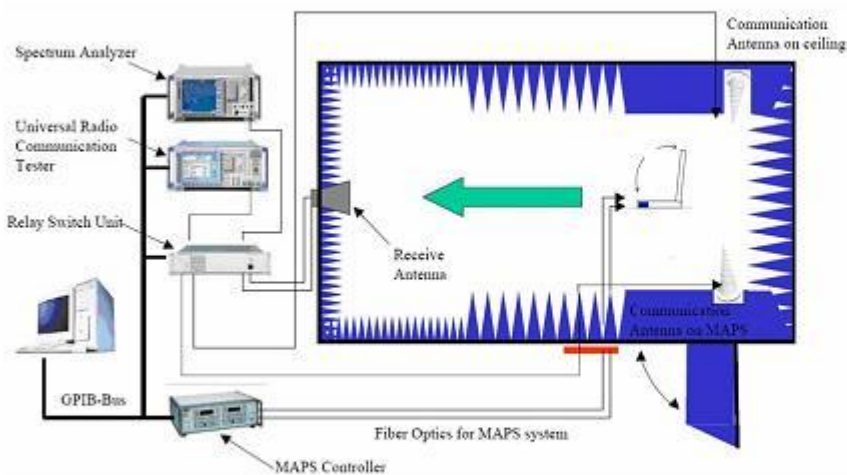
Agilent 8960 5071C

2. Comprehensive tester

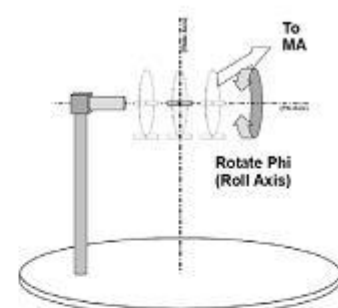
CMW500

3. 3D Darkroom test system

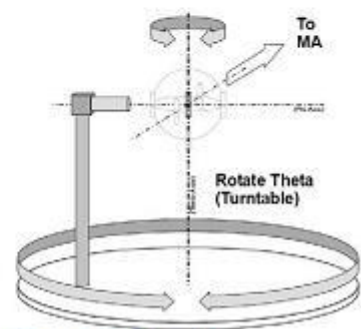
SATIMO-16 XH-24



(Testing by 3D anechoic chamber)



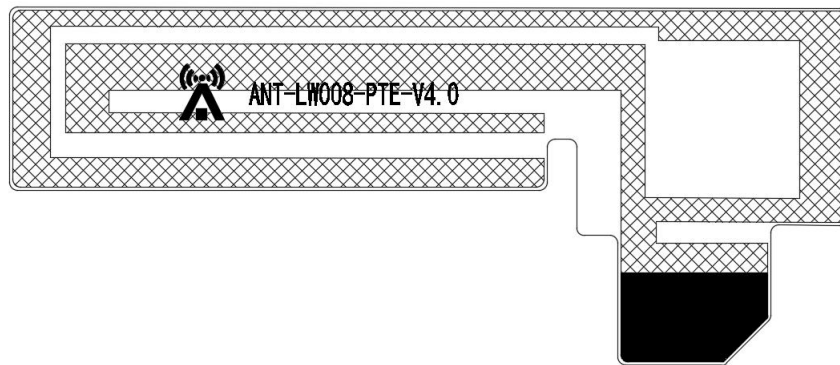
Phi axis test



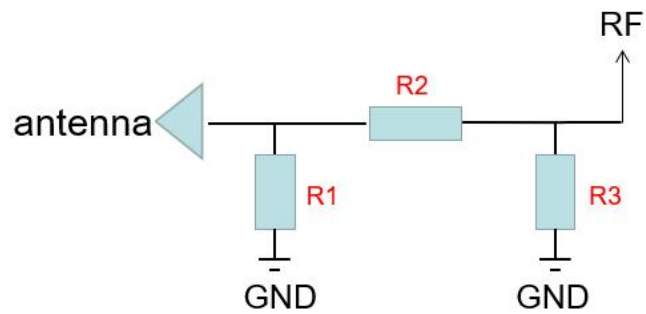
Theta axis test

三、Antenna test parameter

Antenna

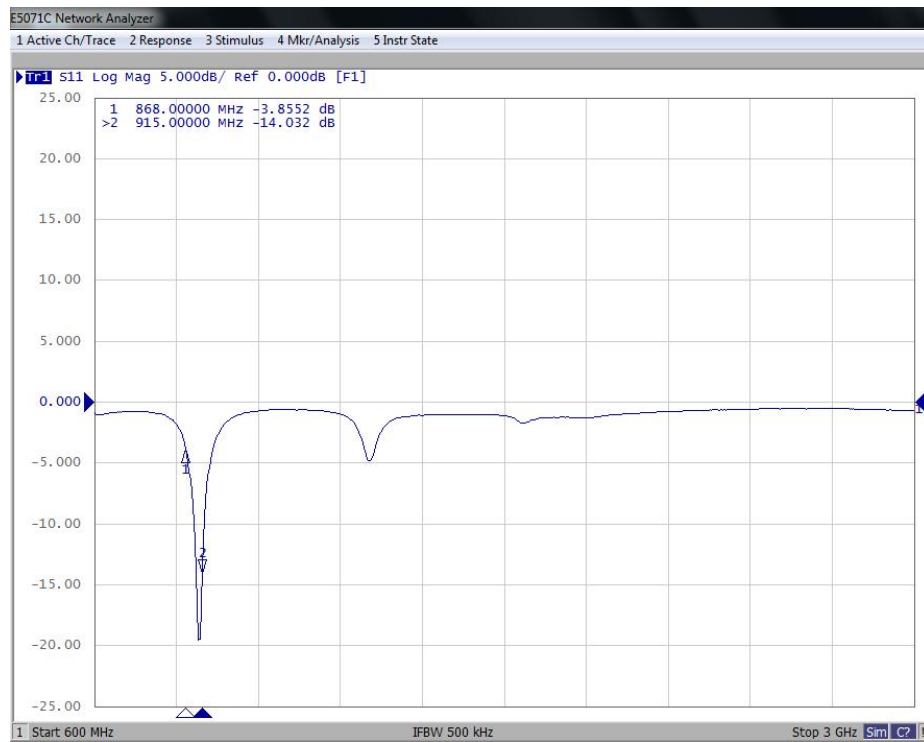


匹配说明



位号	值
R1	7.5PF
R2	0Ω
R3	NC

S-Parameter Test



Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
850	-6.67	21.53	-3.73
860	-5.2	30.2	-2.39
870	-4.37	36.56	-2.51
880	-3.75	42.17	-1.76
890	-3.55	44.16	-1.72
900	-3.49	44.77	-0.93
910	-4.03	39.54	-1.34
920	-4.56	34.99	-1.08
930	-5.39	28.91	-2.1