

承 认 书

APPROVAL SHEET

客户名称

CUSTOMER NAME:

产品名称

PRODUCT NAME: 908.4MHz FPC Built-in antenna
(Gray cable;95mm)

客户料号

CUSTOMER P/N:

料号

P/N: BS1C95F3D8A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:		

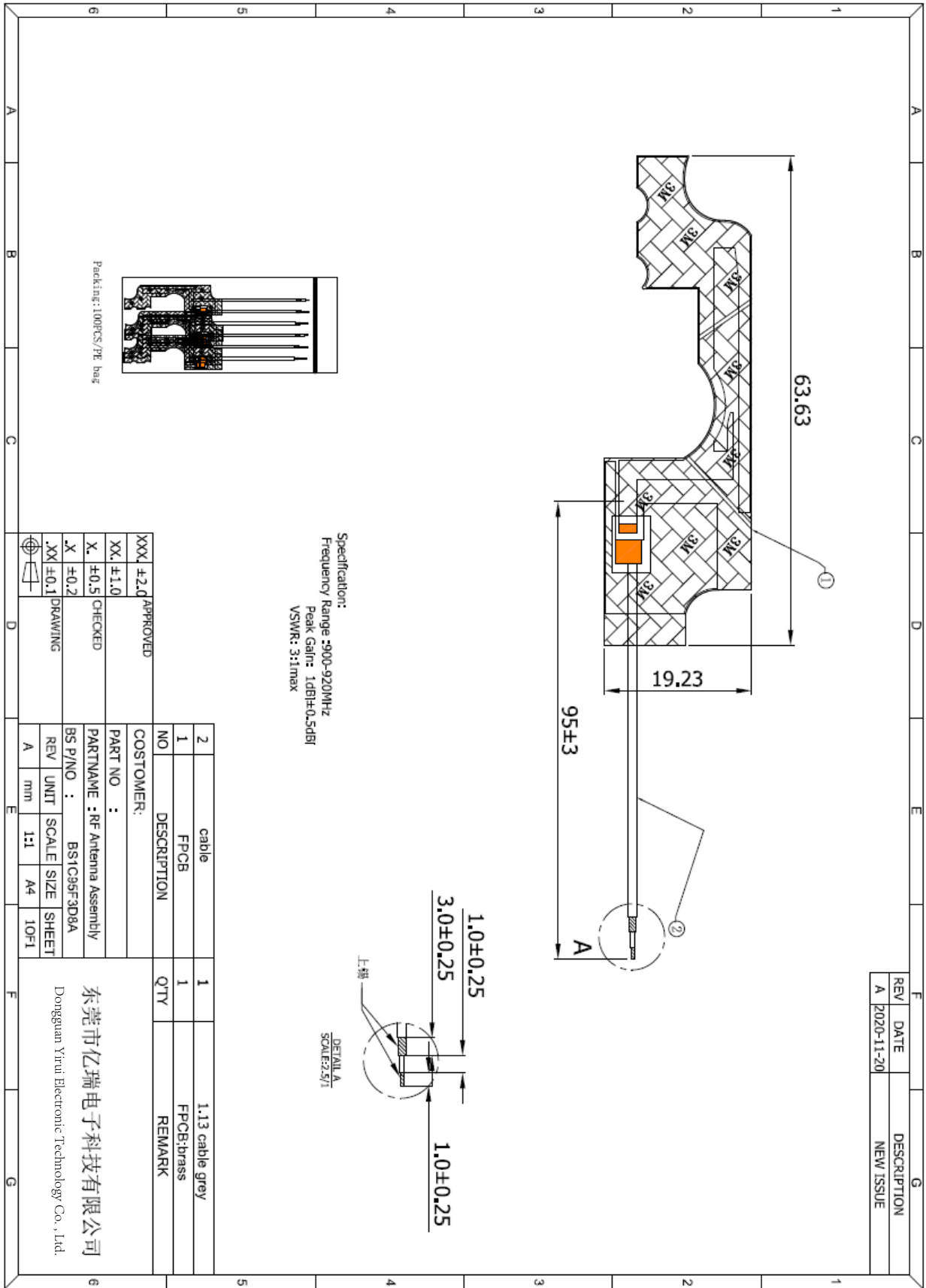
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1. Main technical parameters of products

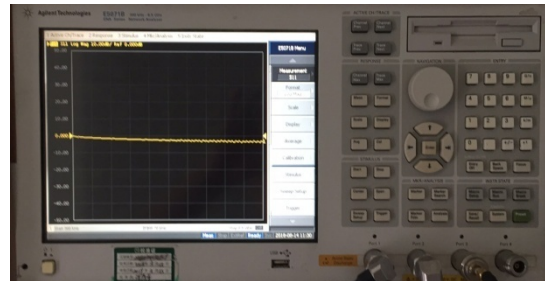
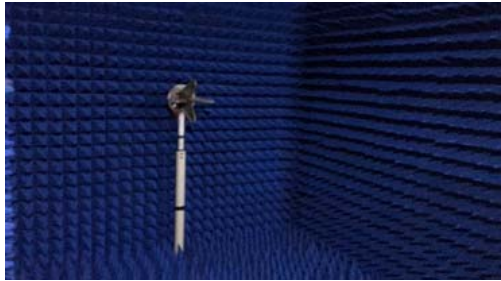
主要技术指标		Main technical specifications	
频率范围 (MHZ)	900~920	Frequency Range (MHZ)	900~920
特性阻抗(Ω)	50 \pm 10	Impedance(Ω)	50 \pm 10
峰值增益(dBi)	1 \pm 0.5	Peak Gain(dBi)	1 \pm 0.5
输出电压 驻波比	\leq 1.92	VSWR	\leq 1.92
最大功率	1W	Admitted Power	1W
极化方式	线极化	Polarization	Line,Vertical
连接方式	SMT	Connector Type	SMT
物理性能		Physical Properties	
天线本体材料	FPC	Antenna Base	FPC
工作温度	-20 $^{\circ}$ C~+70 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
保存温度	-20 $^{\circ}$ C~+70 $^{\circ}$ C	Storage Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C

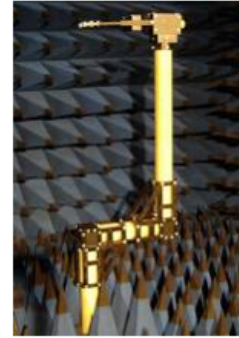
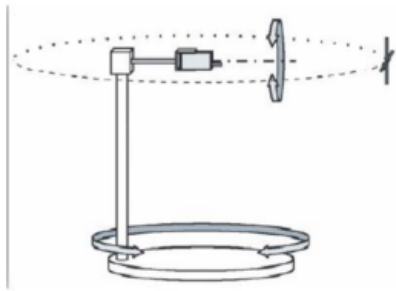
2. Structure diagram:



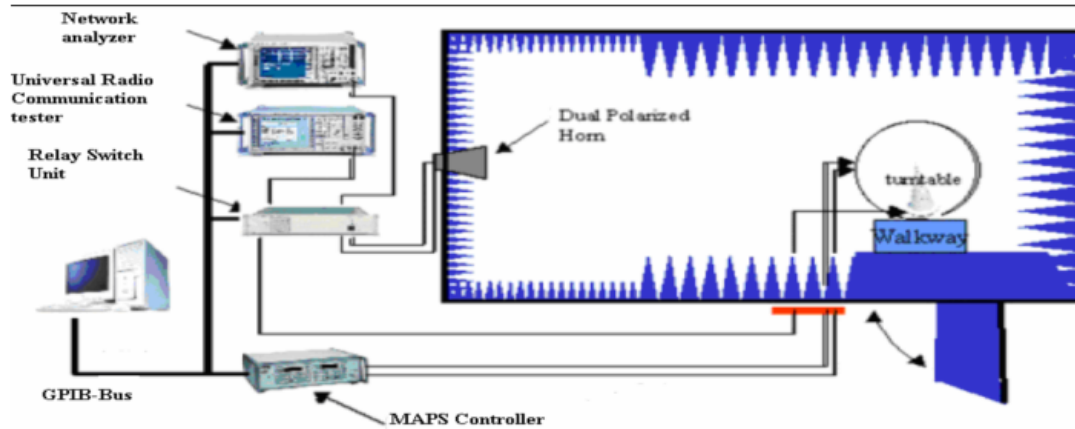
3. Test environment

/	Test items	Equipment		
		Equipment	Model No	Manufacturers
S11	1. Return loss 2.VSWR	Analyzers	E5071B	Agilent
		Coaxial Cable	RG316	YiRui
		OTA	ETS 5*3*3(3D)	Guang Ping
Testing	1. 2D、3DRaditation Pattern 2. Antenna gain 3. Antenna efficiency	Analyzers	E5071B	Agilent
		PC Console	Win 7	ASUS
		OTA	ETS;Far Field probe	Guang Ping
		3D turntable	$\phi 1*1*1.5(3D)$	Guang Ping



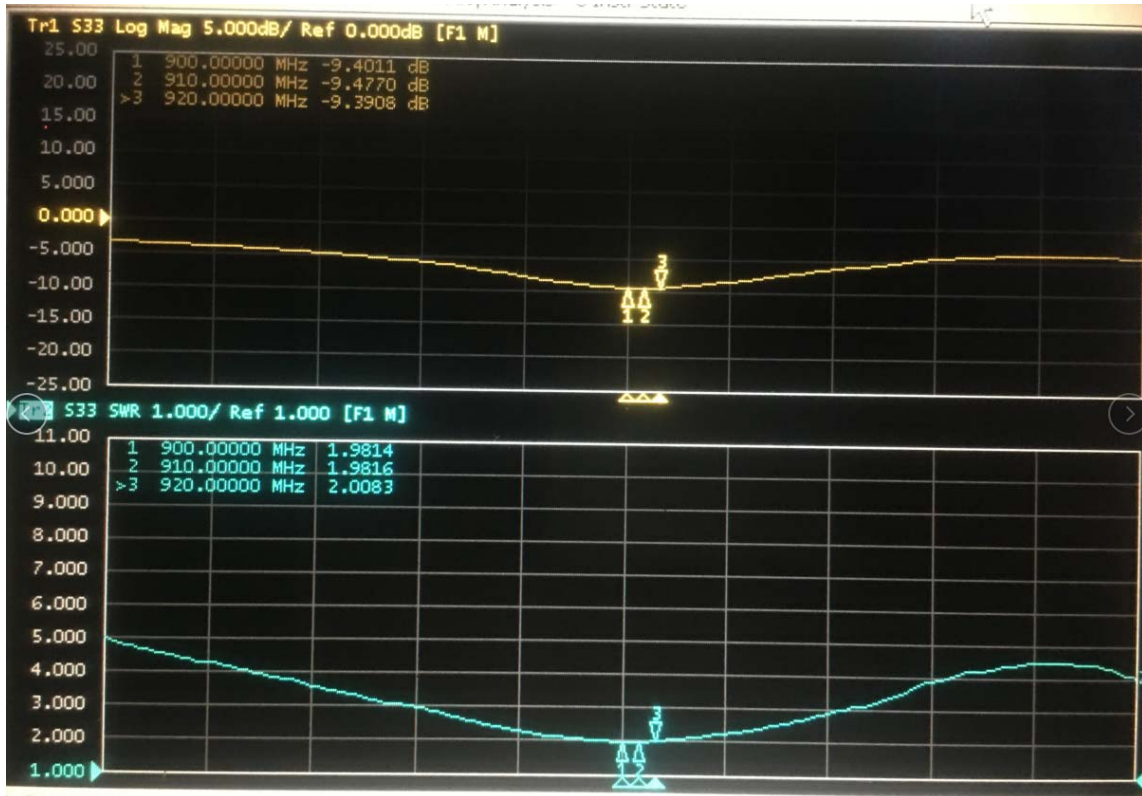


3D转台



4. Test report

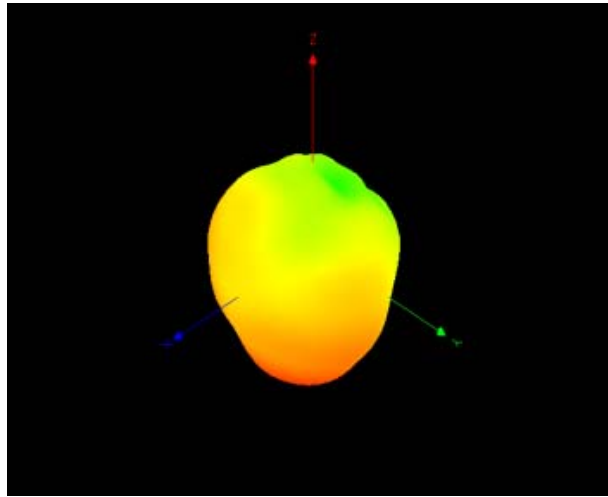
3. 1. Return loss/VSWR



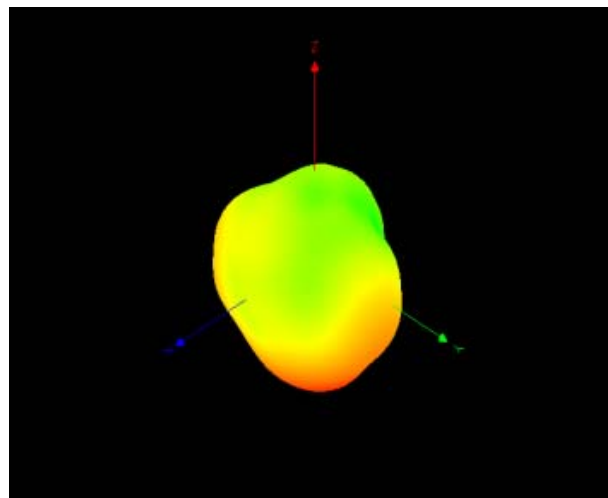
3.2. Gain. Efficiency. 2D、3DRaditation Pattern

Frequency / MHz	Efficiency / %	Gain/ dBi
900	47.32	0.86
910	46.75	0.77
920	46.25	0.79

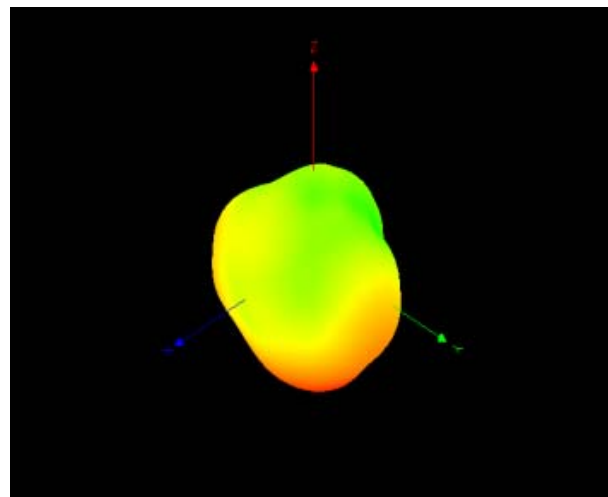
3.2-3 2D/3D Field Plots



900MHz

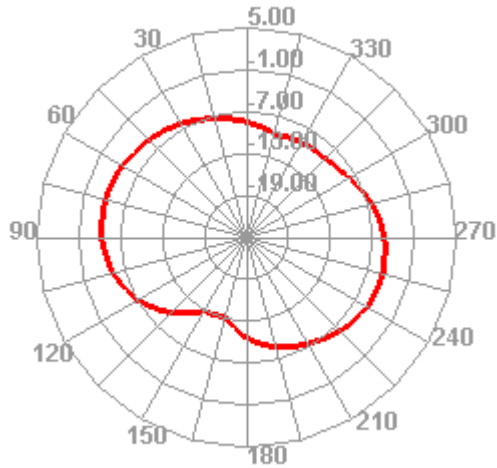


910MHz

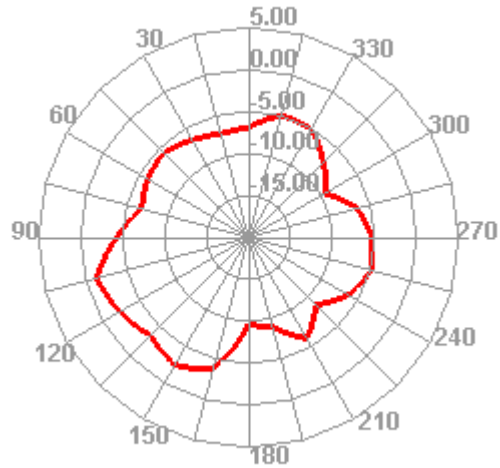


920MHz

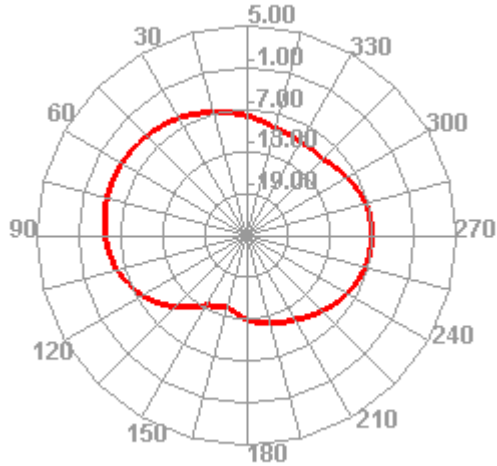
900.000MHz H



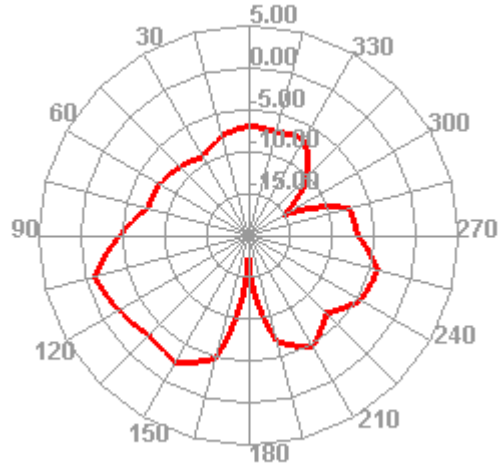
900.000MHz E2



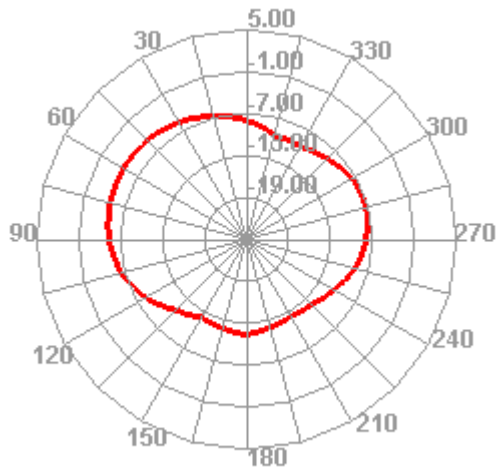
910.000MHz H



910.000MHz E2



920.000MHz H



920.000MHz E2

