

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:		

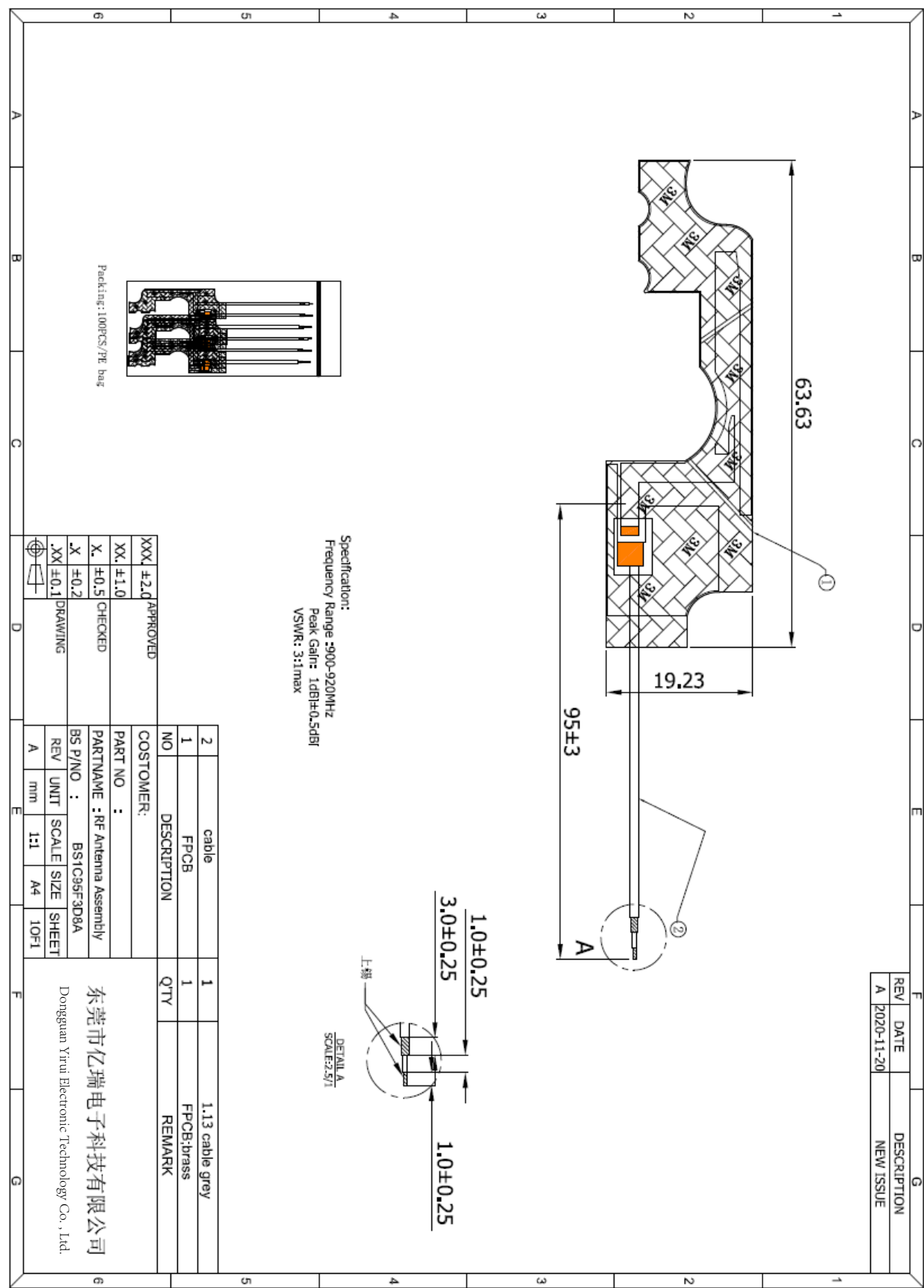
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1. Main technical parameters of products

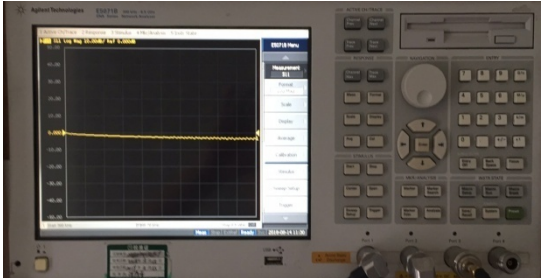
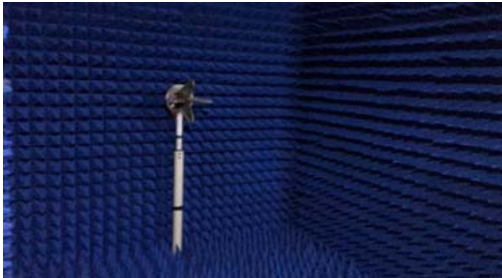
主要技术指标		Main technical specifications	
频率范围 (MHZ)	900~920	Frequency Range (MHZ)	900~920
特性阻抗(Ω)	50 $\pm$ 10	Impedance(Ω)	50 $\pm$ 10
峰值增益(dBi)	1 $\pm$ 0.5	Peak Gain(dBi)	1 $\pm$ 0.5
输出电压 驻波比	$\leq$ 1.92	VSWR	$\leq$ 1.92
最大功率	1W	Admitted Power	1W
极化方式	线极化	Polarization	Line,Vertical
连接方式	SMT	Connector 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

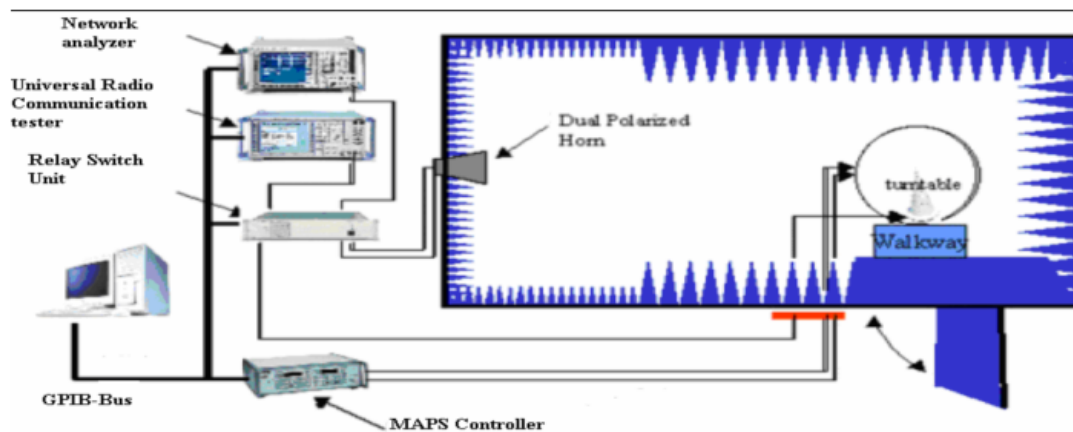
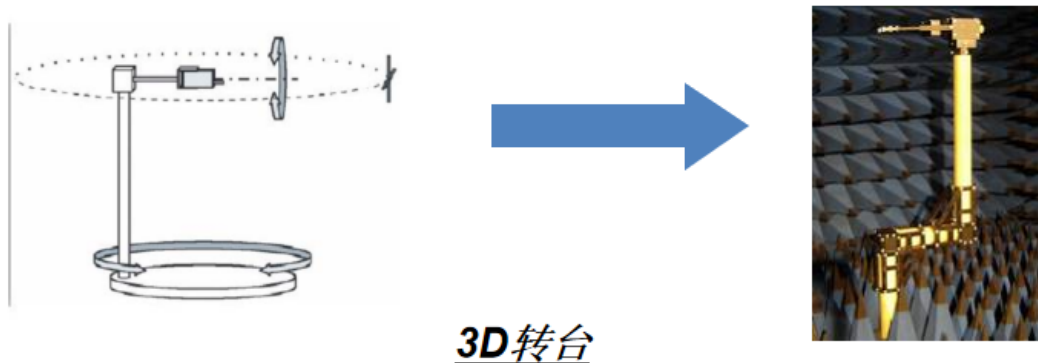
2. Structure diagram:



3. Test environment

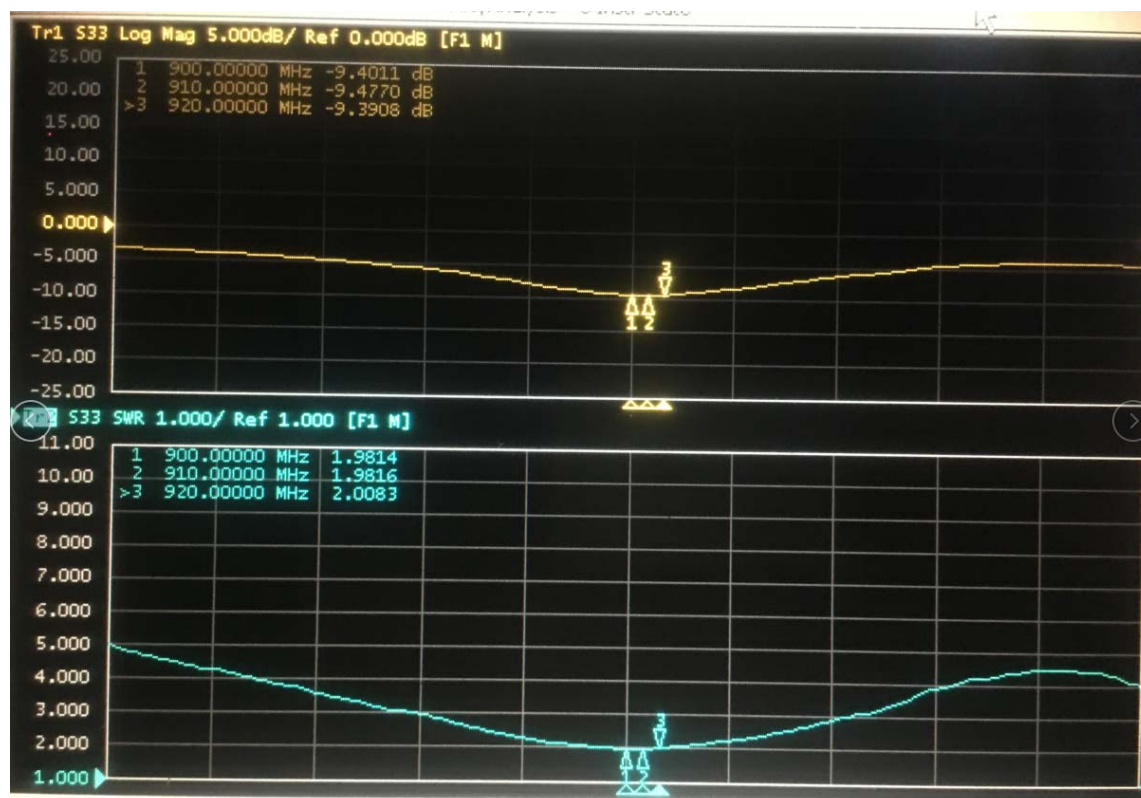
/	Test items	Equipment		
		Equipment	Model No	Manufacturers
S11	1. Return loss 2.VSWR	Analyzers	E5071B	Agilent
		Coaxial Cabie	RG316	YiRui
Testing	1. 2D、3DRaditation Pattern	OTA	ETS 5*3*3(3D)	Guang Ping
		Analyzers	E5071B	Agilent
	2. Antenna gain	PC Console	Win 7	ASUS
	3. Antenna efficiency	OTA	ETS;Far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





4. Test report

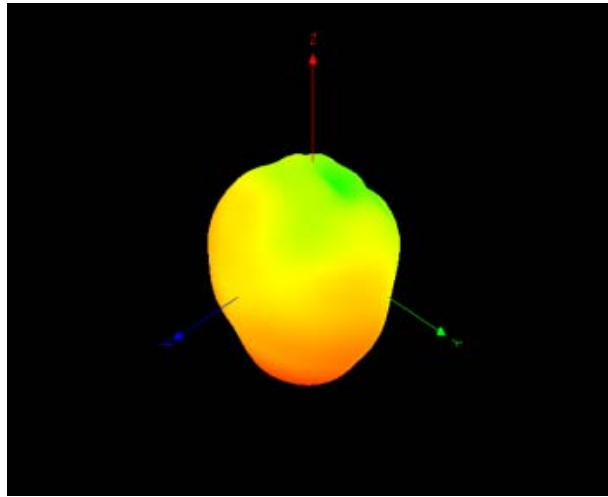
3. 1. Return loss/VSWR



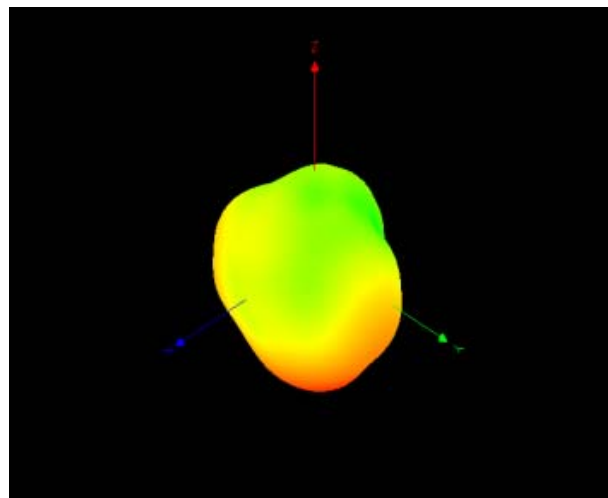
3.2. Gain. Efficiency. 2D、3DRaditation Pattern

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

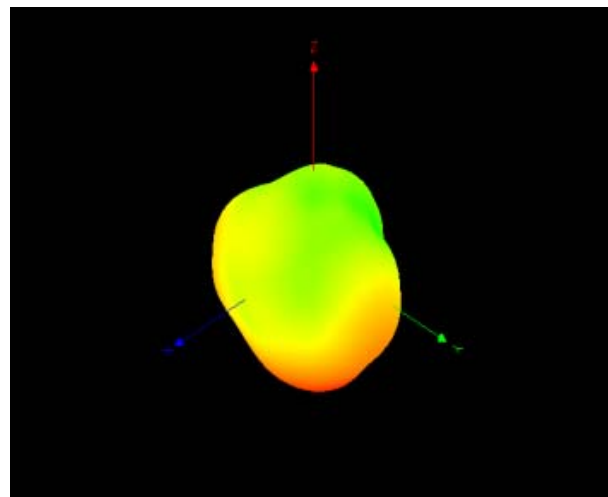
3.2-3 2D/3D Field Plots



900MHz

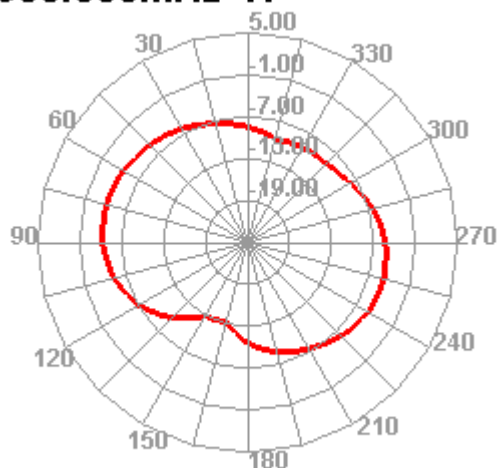


910MHz

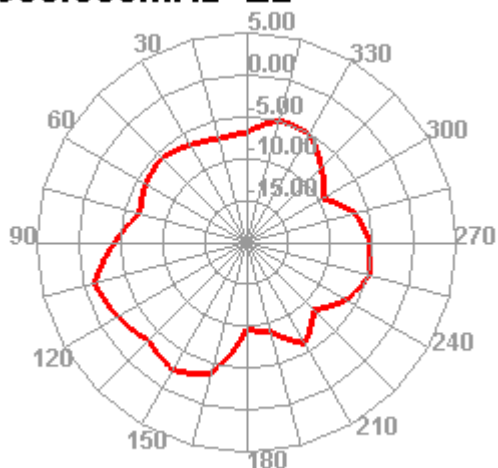


920MHz

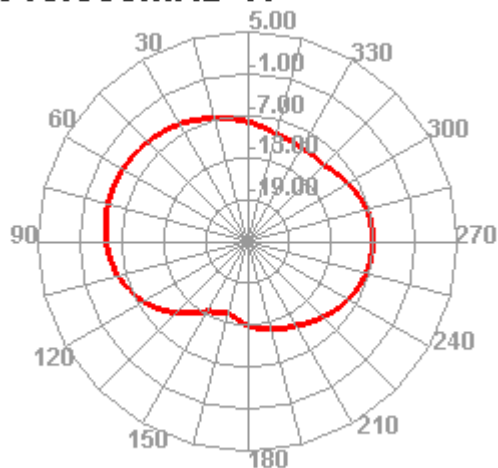
900.000MHz H



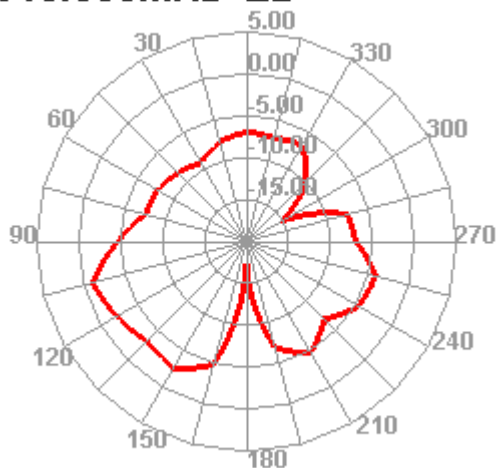
900.000MHz E2



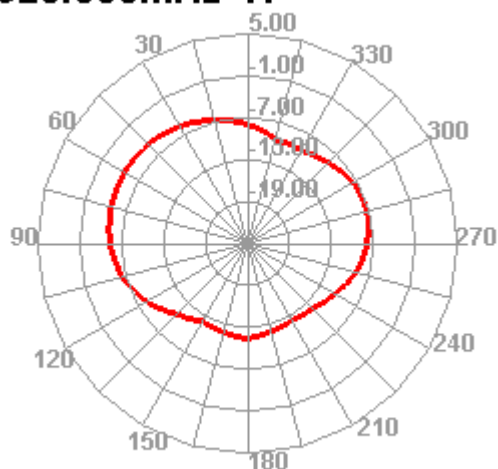
910.000MHz H



910.000MHz E2



920.000MHz H



920.000MHz E2

