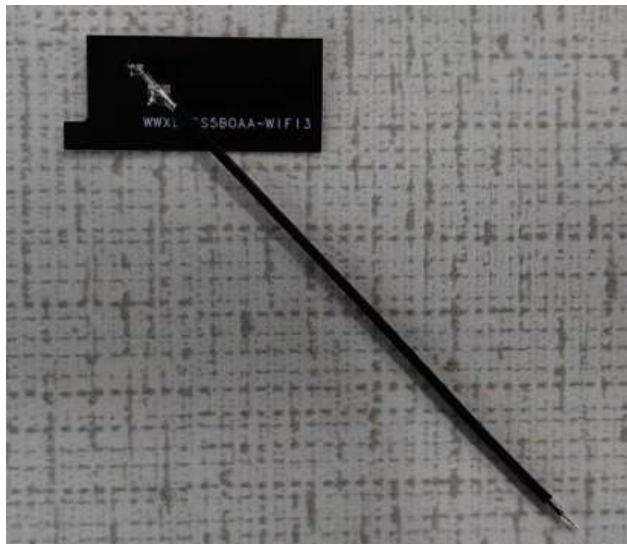


Antenna Specification

一、Product finished drawing



二、Product test parameters

产品名称Name 内置天线（WWXL6010608）		型号 ModelType	
电气参数ELECTRICAL SPECTFICATIONS		机械参数 MECHANICAL SPECTFICATIONS	
频率范围 FrenquencyRange 2400-2500/5150-5850 MHz		尺寸Dimensions	27.5*12*0.2
输入阻抗 Impedance	50 Ω	连接器型号Connector	weld
驻波比 VSWR	≤ 2.5	线长linelength	RG1.13 Black L=70 $\pm$ 3mm
增益 Gain	1.55/2.89dBi	工作温度WorkingTemperature	-45 $^{\circ}$ C - +85 $^{\circ}$ C
极化方式 Polarization	linear polarization	存放温度Limit Temperature	-45 $^{\circ}$ C - +85 $^{\circ}$ C
辐射方向 Radiation	omnidirectional		

China

三、Antenna test parameters:

1. VSWR:

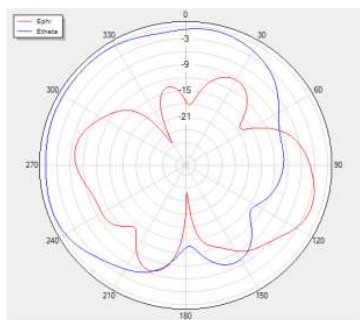


2. Efficiency and gain:

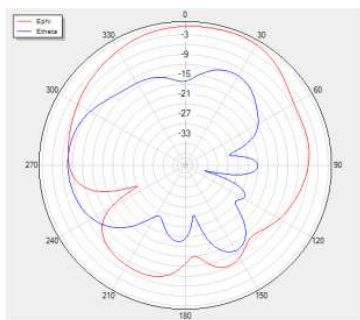
Gain&Efficiency&PhaseCenter 增益、效率和相位中心								
frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)
2400	0.02	50.97	5150	0.5	52.58	5700	2.37	52.6
2410	0.28	51.67	5200	0.6	53.14	5750	2.54	51.8
2420	0.48	53.35	5250	0.69	53.2	5800	2.89	52.65
2430	0.84	56.35	5300	0.82	53.58	5850	2.6	50.18
2440	0.94	56.97	5350	0.8	52.7			
2450	1.27	55.53	5400	0.92	52.64			
2460	1.4	57.7	5450	1.09	52.9			
2470	1.55	58.75	5500	1.24	52.66			
2480	1.48	58.03	5550	1.35	51.64			
2490	1.47	57.72	5600	1.69	51.86			
2500	1.44	55.84	5650	2.07	52.45			

3. 2D/3D Directional Diagram

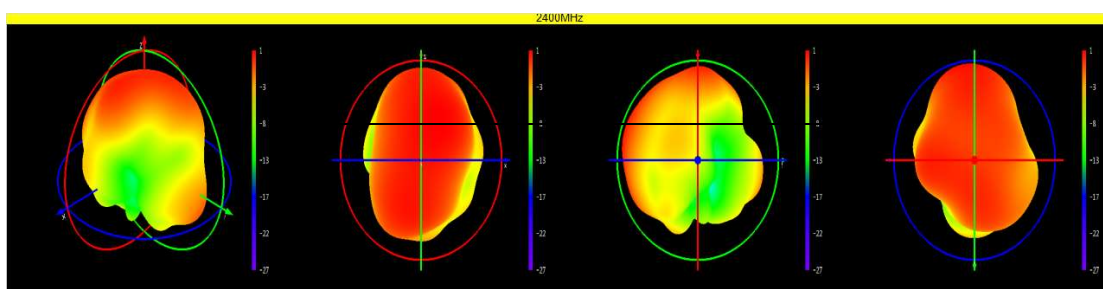
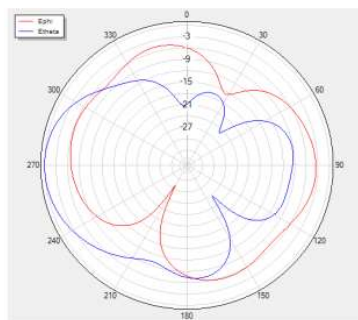
Phi=90 freq=2400MHz



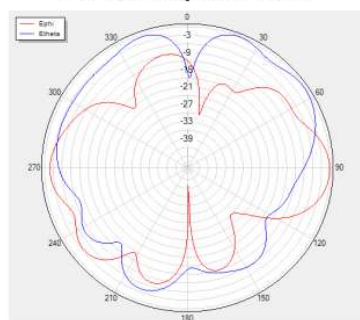
Phi=0 freq=2400MHz



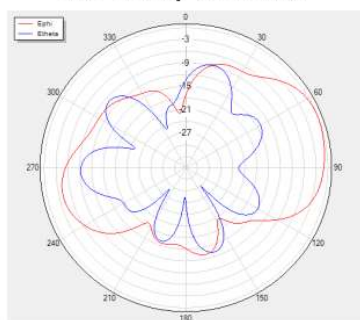
Theta=90 freq=2400MHz



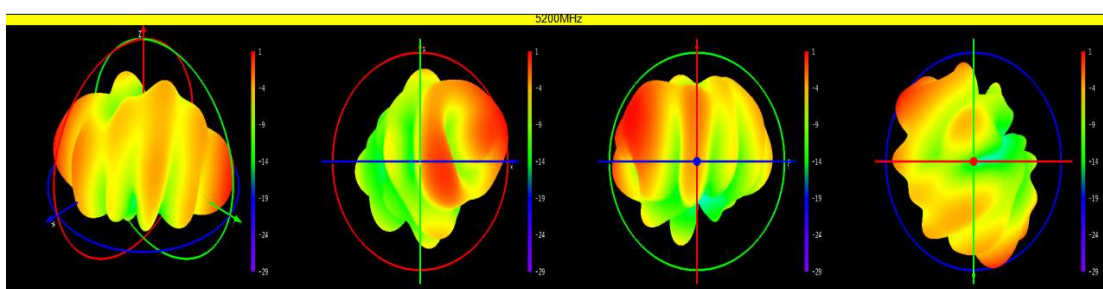
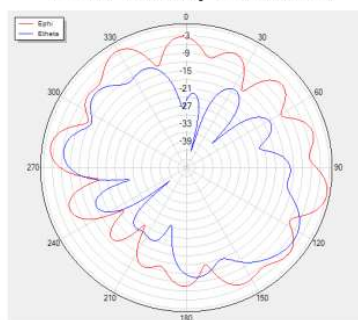
Phi=90 freq=5200MHz



Phi=0 freq=5200MHz



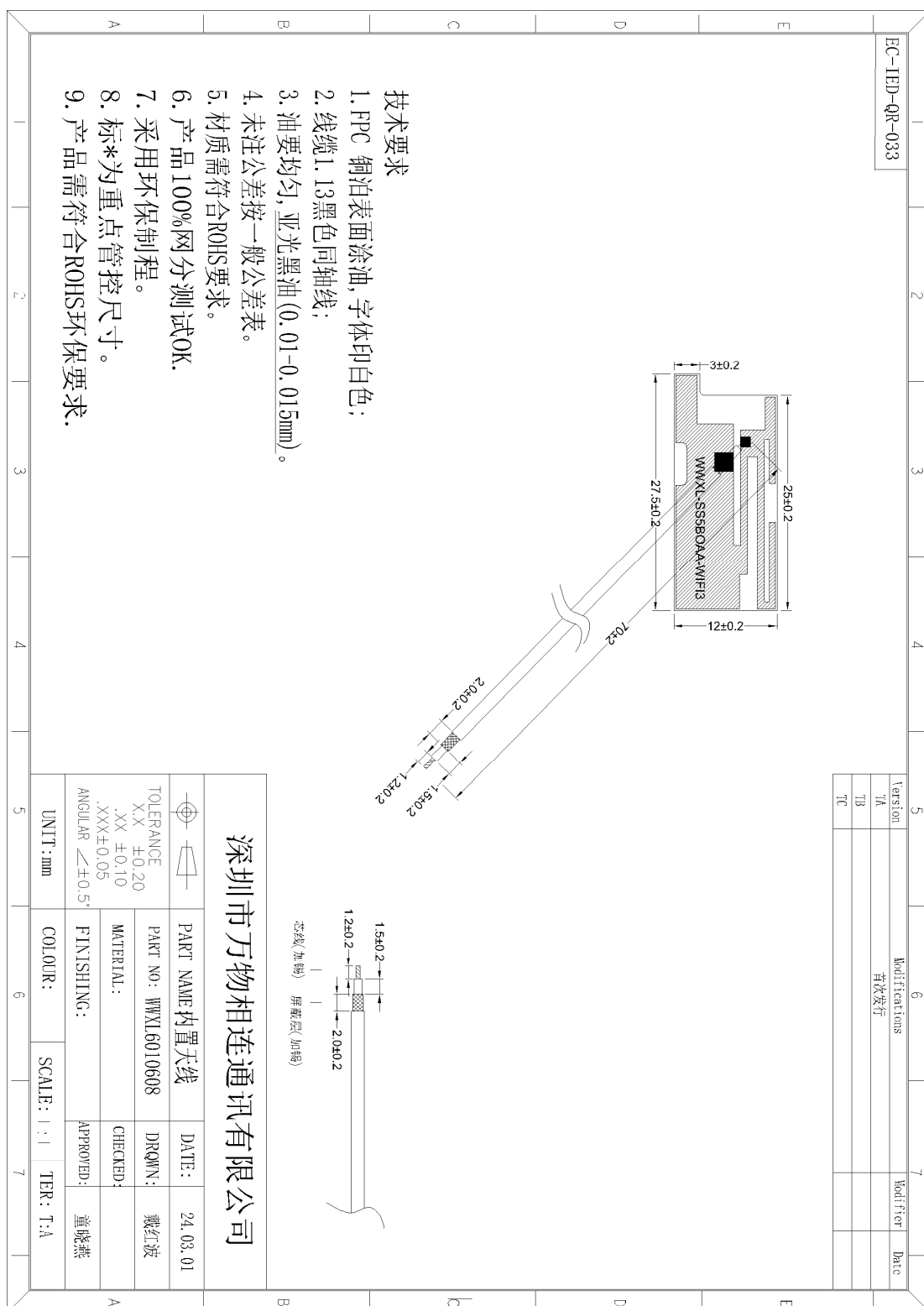
Theta=90 freq=5200MHz



四、Product structure diagram

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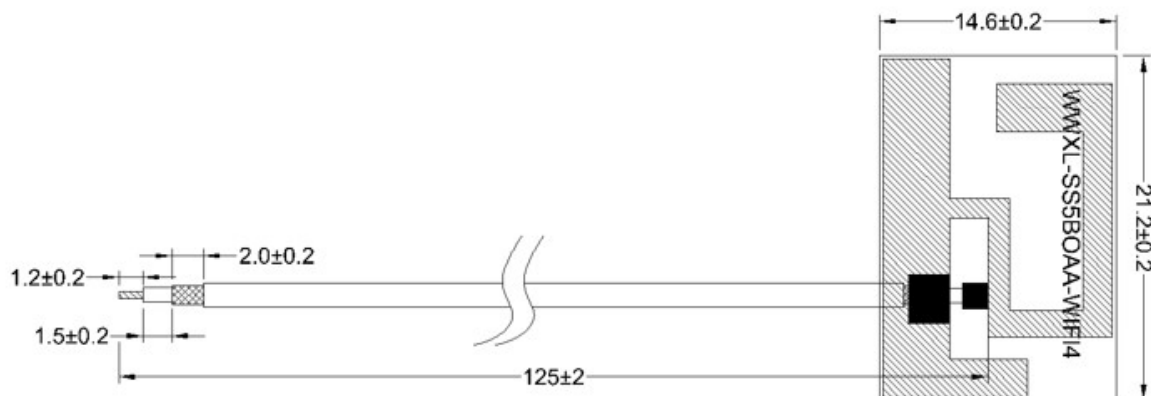
由 Autodesk 教育版产品制作



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Antenna Specification

一、Product finished drawing



二、Product test parameters

产品名称Name 内置天线 (WWXL6010629)		型号 ModelType	
电气参数ELECTRICAL SPECTFICATIONS		机械参数 MECHANICAL SPECTFICATIONS	
频率范围 FrequencyRange 2400-2500/5150-5850 MHz		尺寸Dimensions	21.2*14.6*0.2
输入阻抗 Impedance	50 Ω	连接器型号Connector	weld
驻波比 VSWR	≤2.5	线长linelength	RG1.13 Black L=125±3mm
增益 Gain	3.42/0.57dBi	工作温度WorkingTemperature	-45℃ - +85℃
极化方式 Polarization	linear polarization	存放温度Limit Temperature	-45℃ - +85℃
辐射方向 Radiation	omnidirectional		

三、Antenna test parameters:

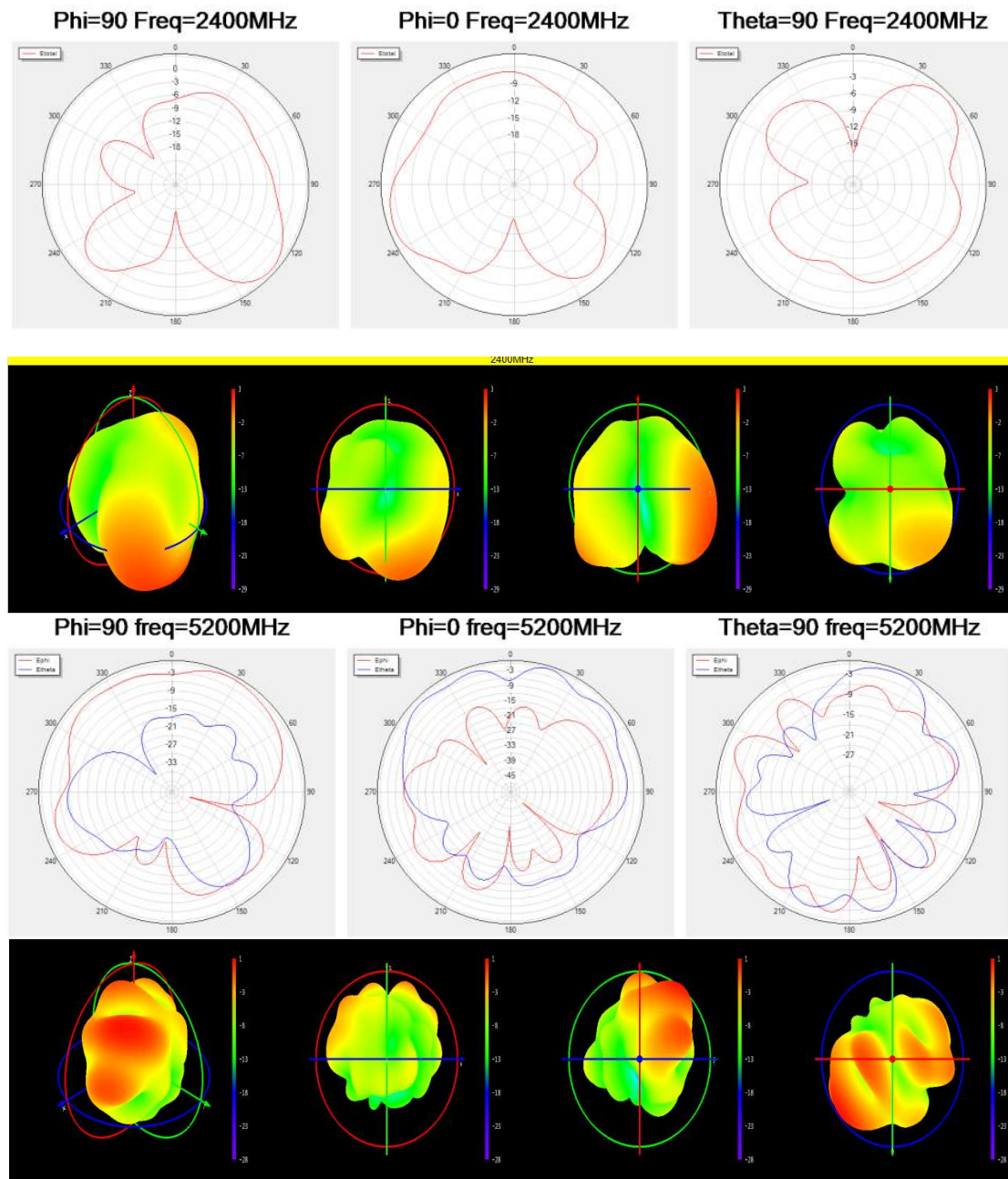
1. VSWR:



2. Gain&Efficiency:

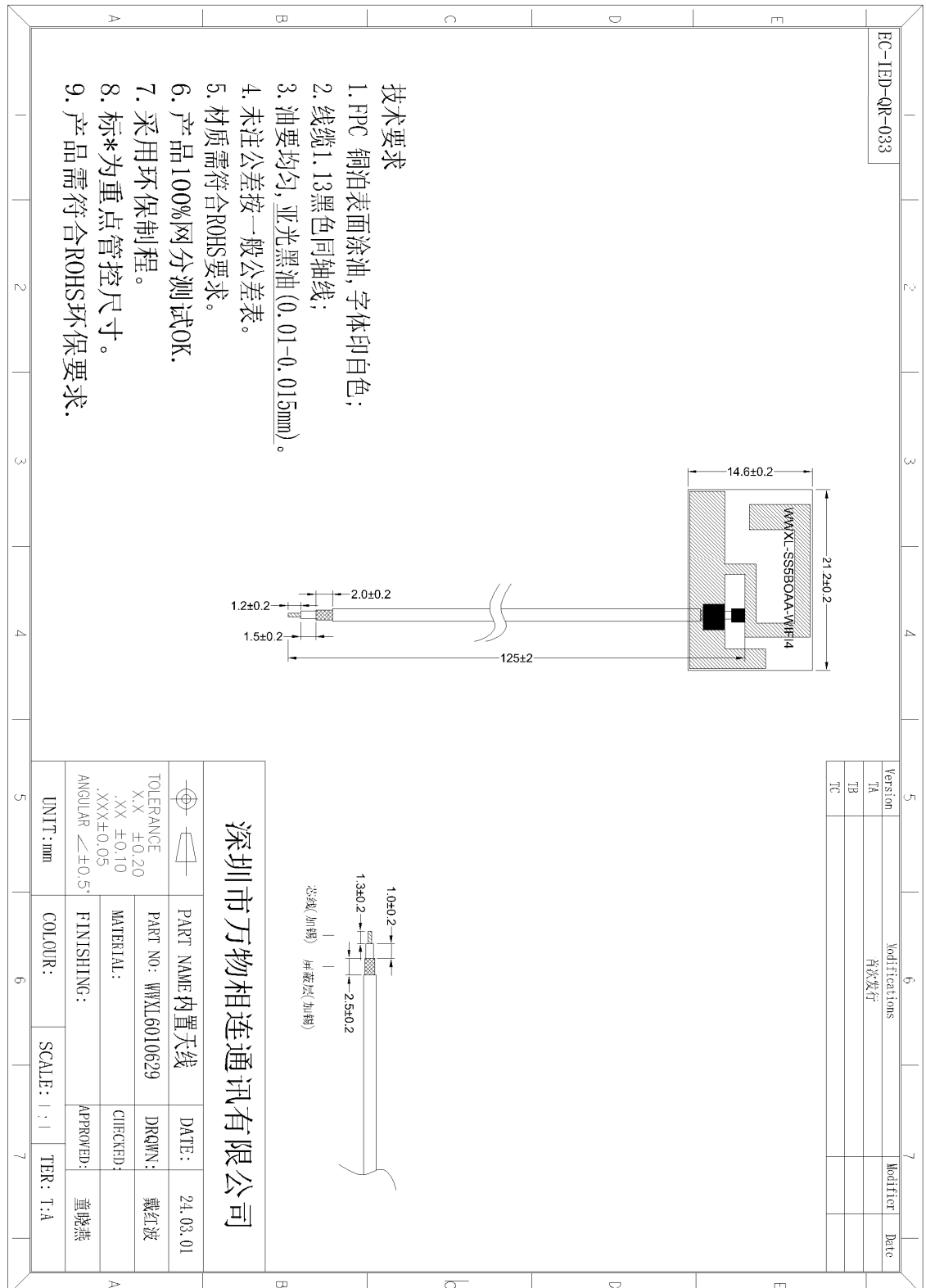
Gain&Efficiency&PhaseCenter 增益、效率和相位中心								
frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)
2400	2.65	54.15	5150	0.57	51.98	5700	0.04	52.8
2410	2.89	53.76	5200	0.44	51.31	5750	-0.11	50.91
2420	2.97	54.05	5250	0.57	53.27	5800	0.12	51.62
2430	3.13	54.79	5300	0.56	54.08	5850	-0.24	50.94
2440	3.23	55.95	5350	0.53	54.68			
2450	3.31	57.35	5400	0.5	55.16			
2460	3.39	58.65	5450	0.32	54.38			
2470	3.42	59.05	5500	0.27	53.96			
2480	3.29	58.26	5550	0.09	52.8			
2490	3.17	57.1	5600	0.09	51.79			
2500	2.8	54.17	5650	0.04	52.37			

3. 2D/3D Directional Diagram



四、Product structure diagram

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