

Antenna test Report

VKU 01

SKYLIGHT ENGINEER DEPT			
APPROVAL BY	DRAWN BY	DATE	Version
Simon	Louis jiang	2023.06.05	V01

SKY LIGHT Electronic (Shen Zhen) Limited

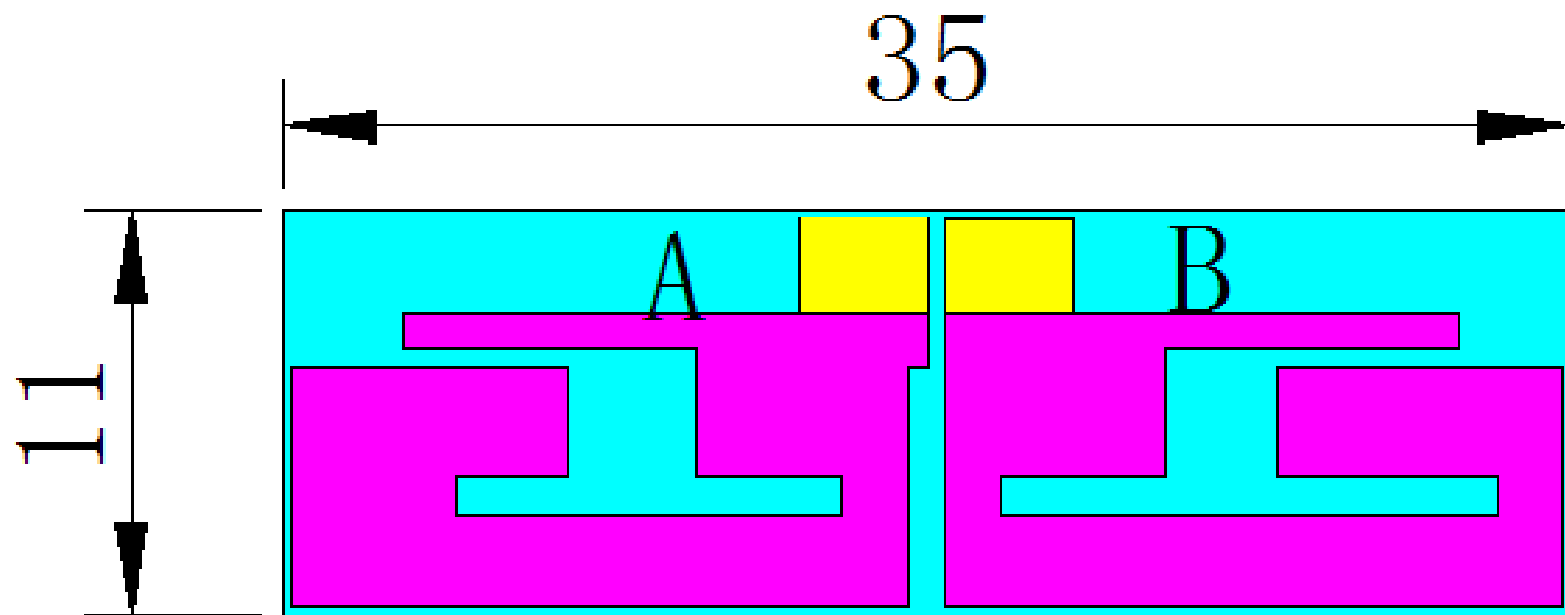
Website: <http://www.skylight.com.hk> (TEL) 86-755-27511234

SPEC

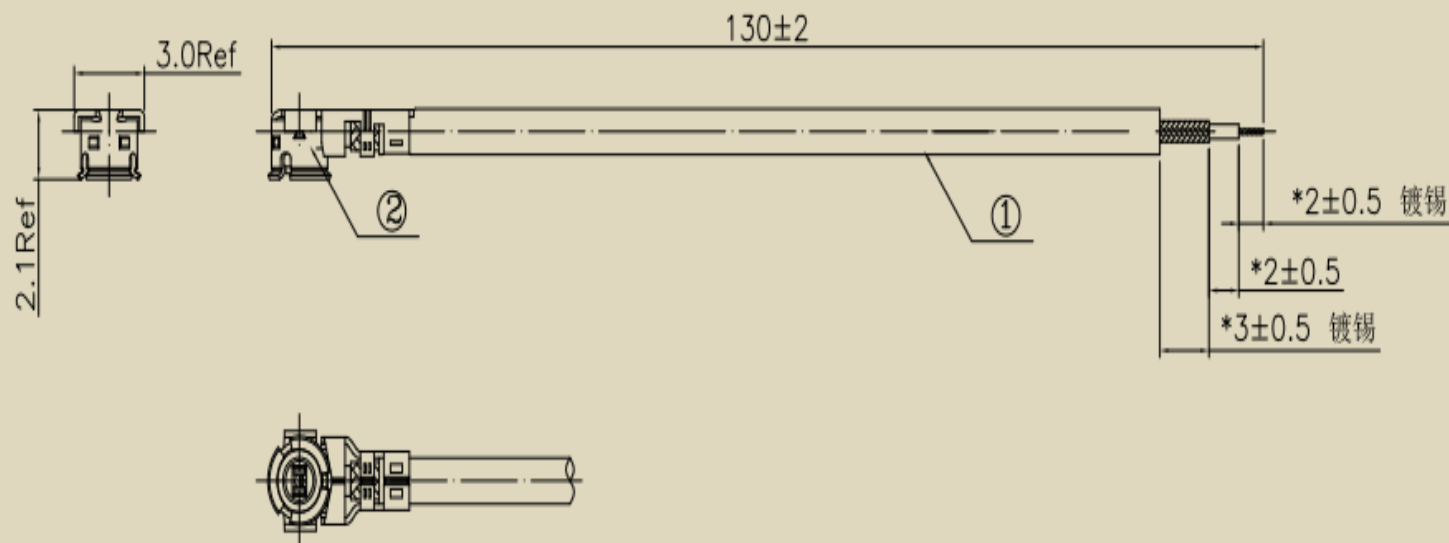


ITEM	ANTENNA SPEC					
Model Name	VKU01--WiFi					
Frequency & Gain	2400MHz	2440MHz	2480MHz	5150MHz	5550MHz	5850MHz
	2.40	1.78	1.73	1.78	2.36	2.83
Peak Gain(dBi)	2G:2.4 / 5G:2.83					
Average Gain(dB)	2G:1.97 / 5G:2.32					
Impedance	50 Ω					
Antenna Size	35*11 (mm)					
Manufacture	Sky Light Electronic (ShenZhen) Limited					
VSWR	< 2.0					
Return Loss (dB)	<-10					

Antenna Size



cable Size



技术要求:

1, 电气特性:

特性阻抗: 50Ω ; 适用频率范围: DC-6GHz; 驻波比: 最大1.50; 插入损耗: 最大-15dB.

2, 断路, 短路, 高压测试, 100%使用线材综合测试仪器测试.

测试条件: 断路, 短路判定值: $2K \Omega$; 直流电阻: 最大 2.00Ω ; 绝缘电阻: DC300V, 0.05S, $50M \Omega$.

3, 尺寸检验: [*]为重点管控尺寸.

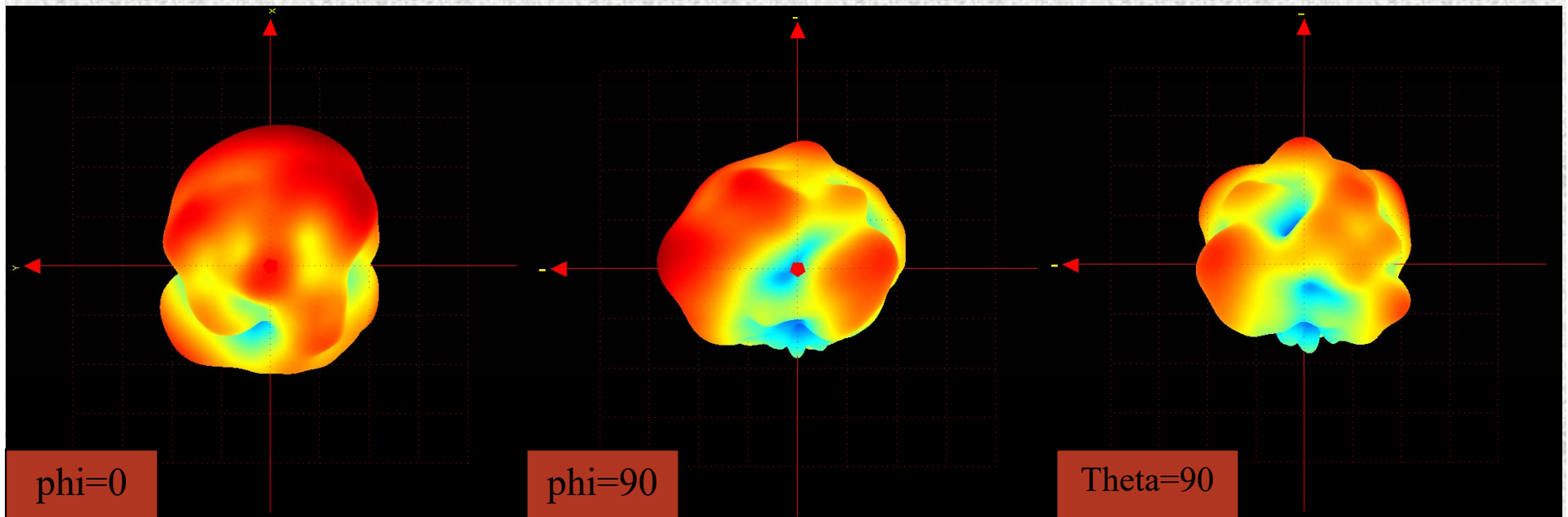
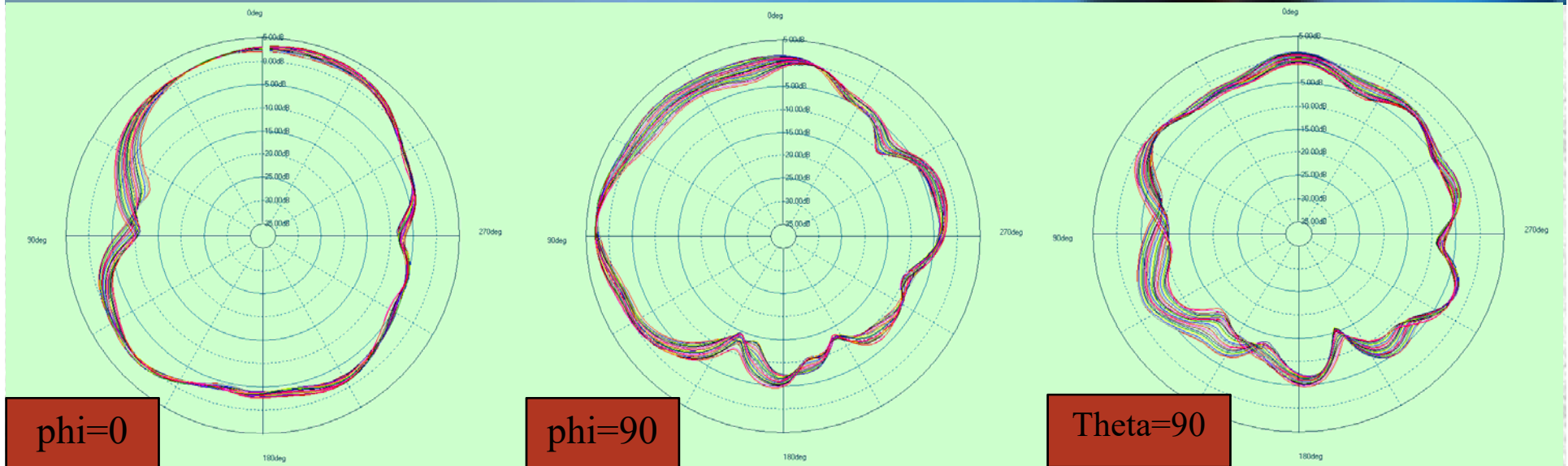
4, 外观检验: 目视全检, 产品表面不得有刮伤, 脏污; 镀层表面光泽, 不得氧化.

No	PART NAME	DESCRIPTION	Q'TY	REMARKS
2	CABLE	PLUG-1, 镀金	1	
1	CABLE	同轴线缆, OD=1.13mm, 银锡线, 黑色	1	

Performance of VKU01

2D&3D sectional view-2.4G

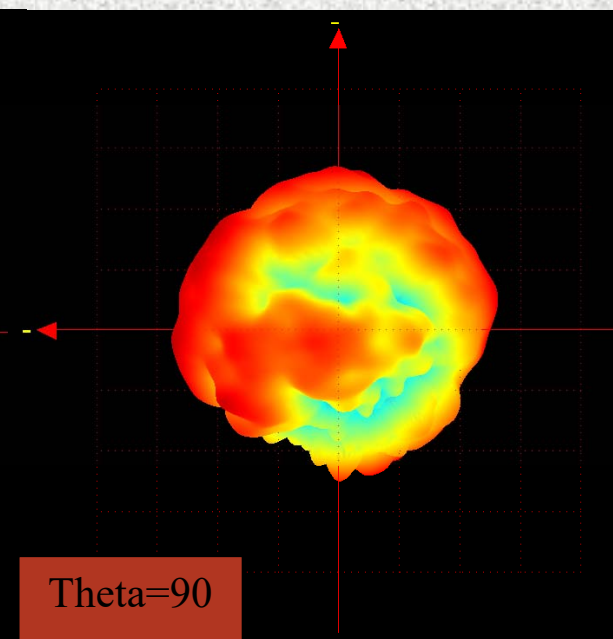
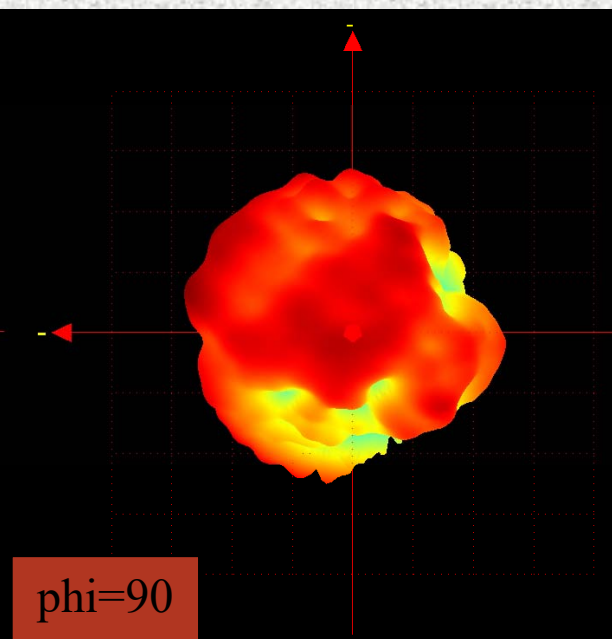
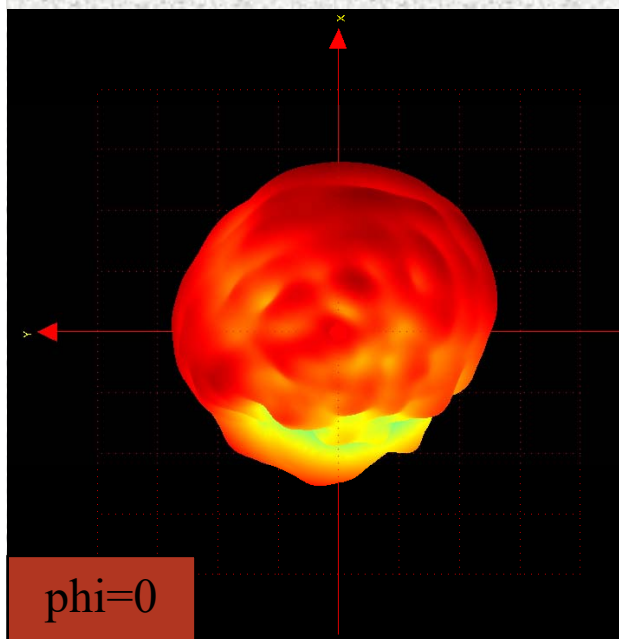
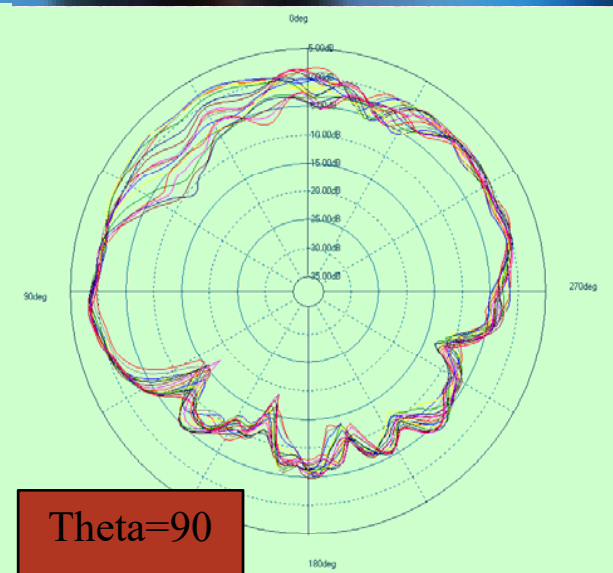
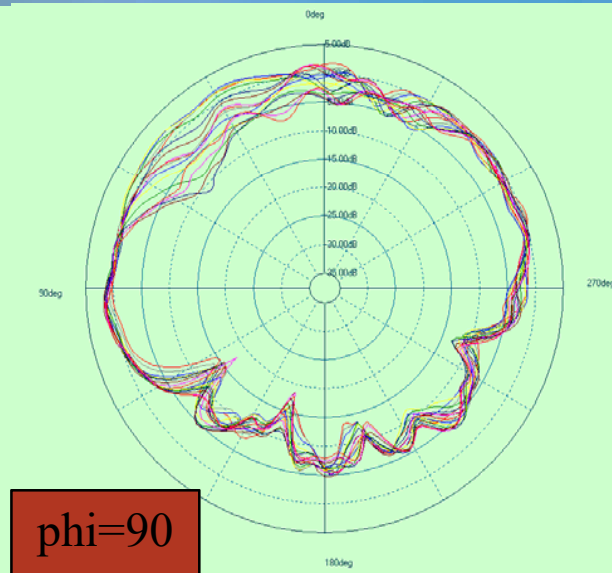
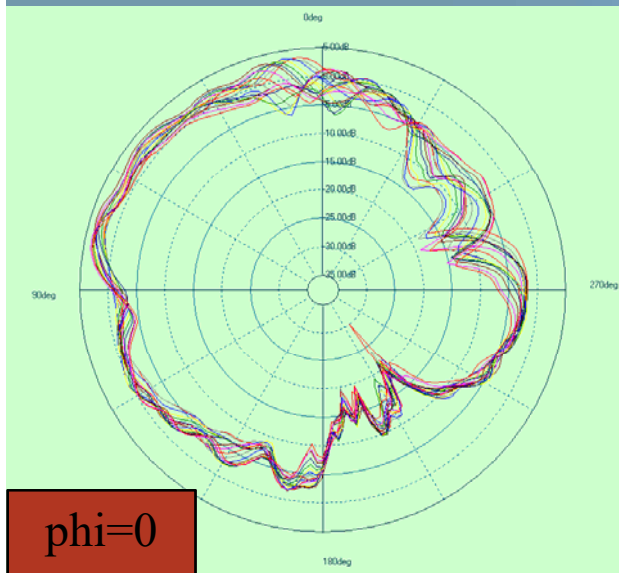
SKYSLIGHT



Performance of VKU01

2D&3D sectional view-2.4G

SKYSLIGHT



Thank You !

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