

Antenna test Report

VSW08

SKYLIGHT ENGINEER DEPT			
APPROVAL BY	DRAWN BY	DATE	Version
Simon	Louis jiang	2023.08.08	V02

1

Instrumentation Performance

2

Antenna Performance{VSW08 Antenna}

3

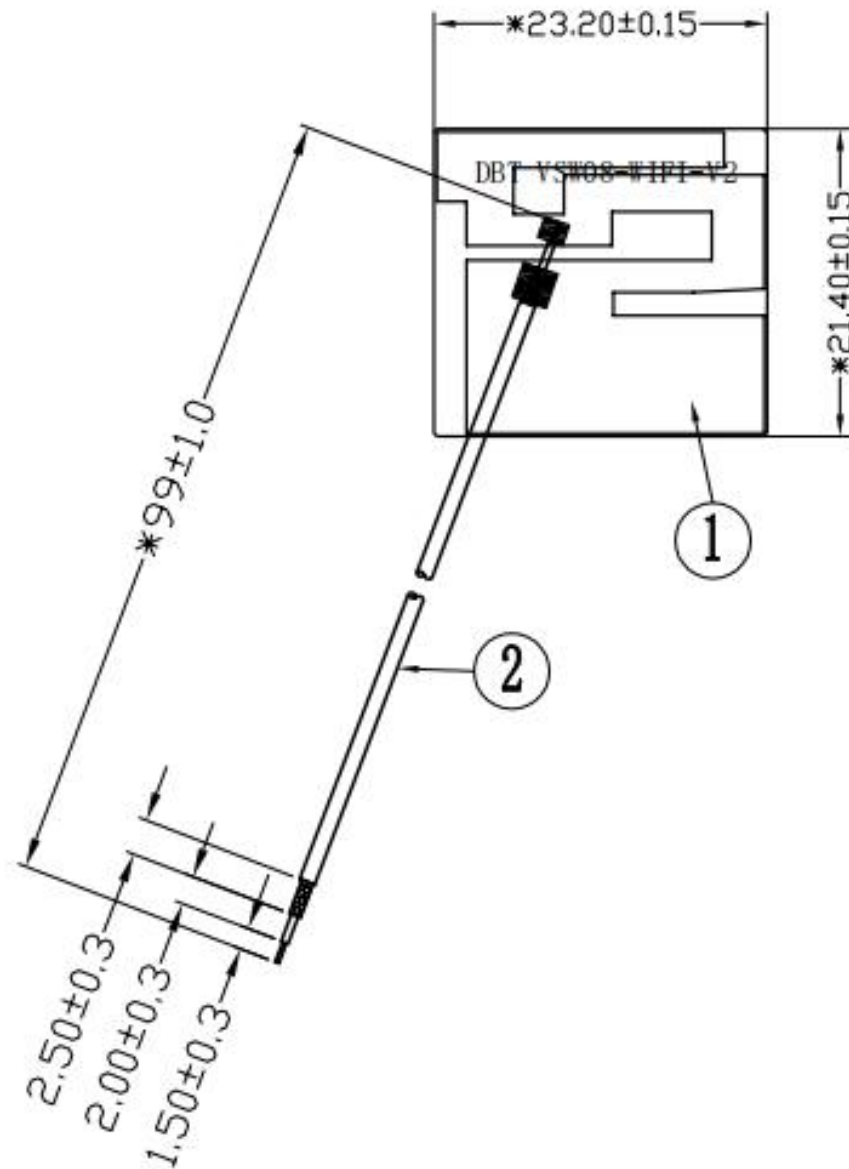
conclusion

SPEC--WiFi

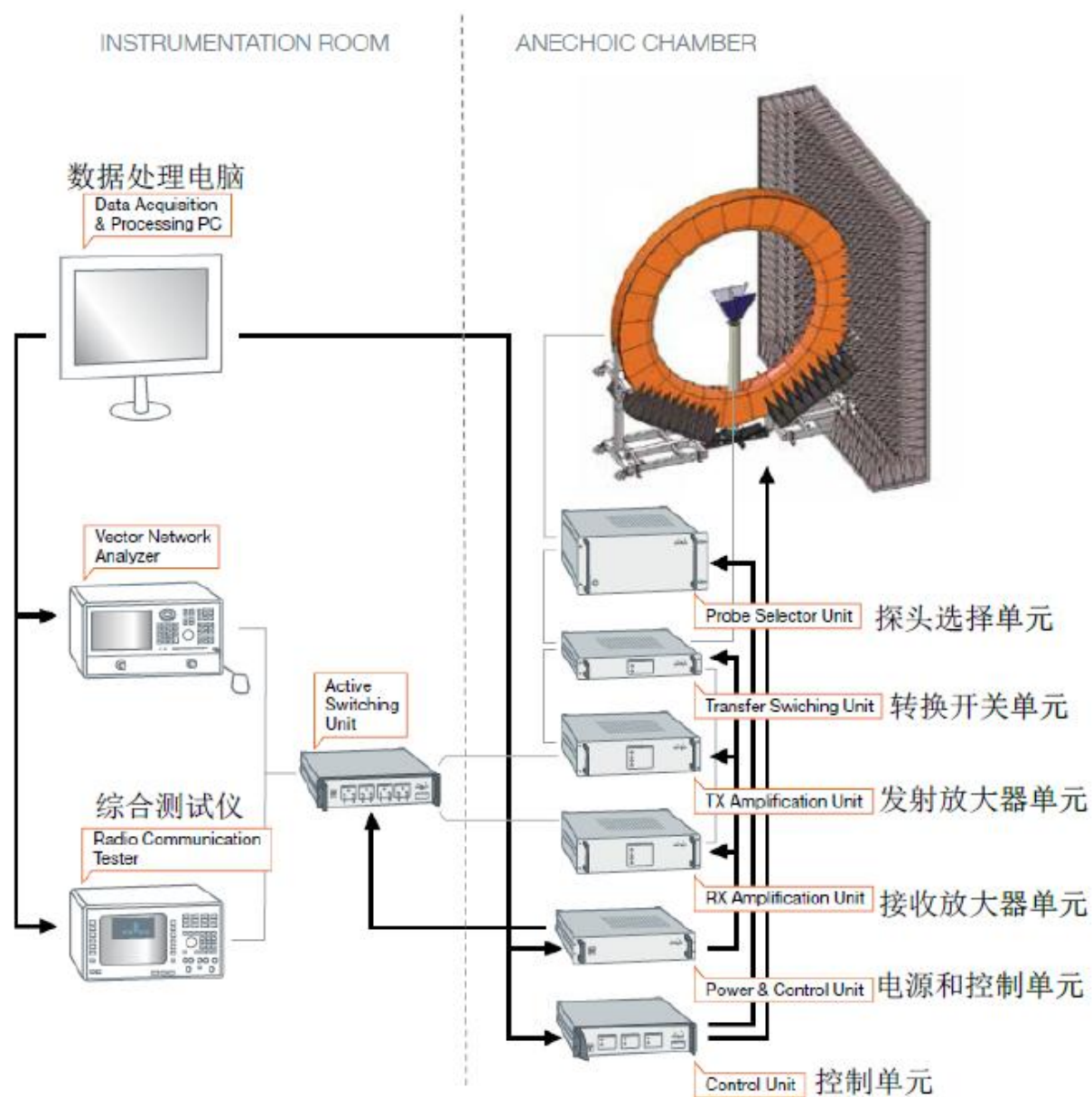


ITEM	ANTENNA SPEC					
Model Name	VSW08--WiFi					
Frequency & Gain	2400MHz	2420MHz	2440MHz	2460MHz	2480MHz	2500MHz
	1.75	1.85	1.80	1.36	0.84	0.50
Peak Gain(dBi)	1.85					
Average Gain(dB)	1.35					
Impedance	50 Ω					
Cable Size	99.1mm/ ϕ 1.13					
Cable manufacture	Fujian Microwave Communication Technology Co., Ltd					
Antenna Size	23.2*21.4 (mm)					
Ant-Manufacture	Sky Light Electronic (ShenZhen) Limited					
VSWR	< 2.0					
Return Loss (dB)	<-10					

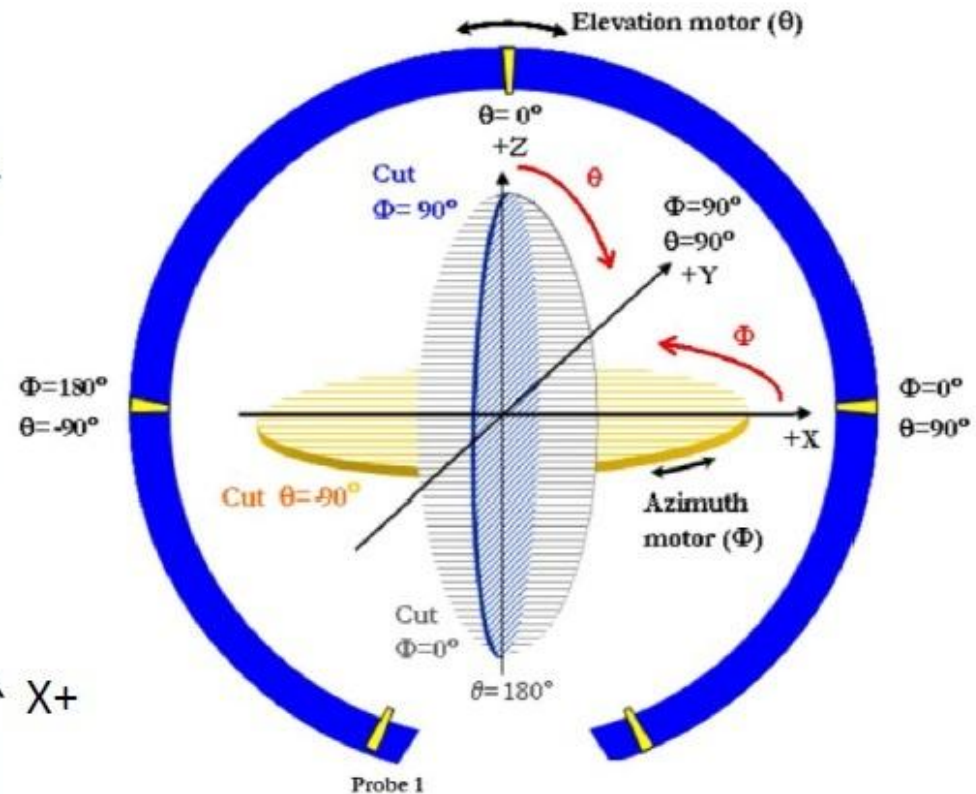
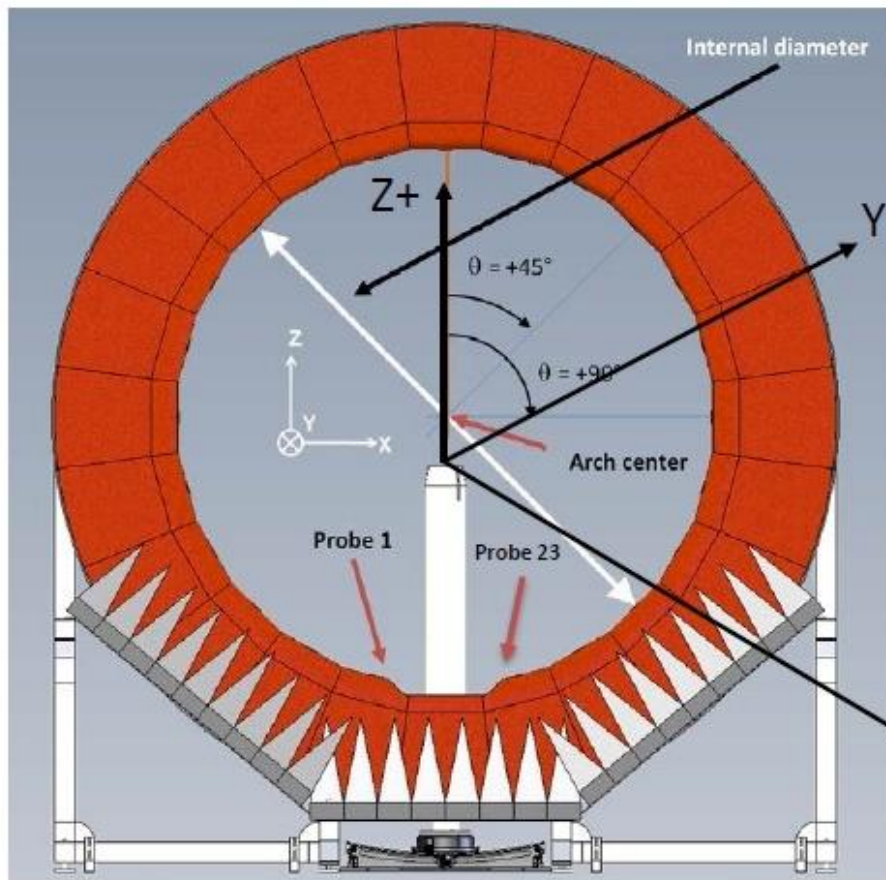
Antenna Size--WiFi



Instrumentation Performance



Instrumentation Performance



VSW08 in the Lab

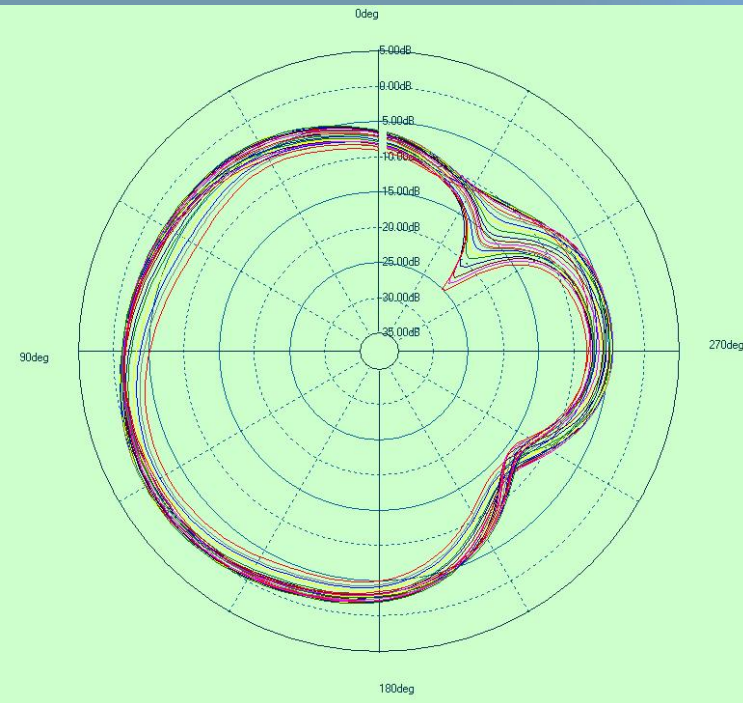


Performance of VKU01(S11)

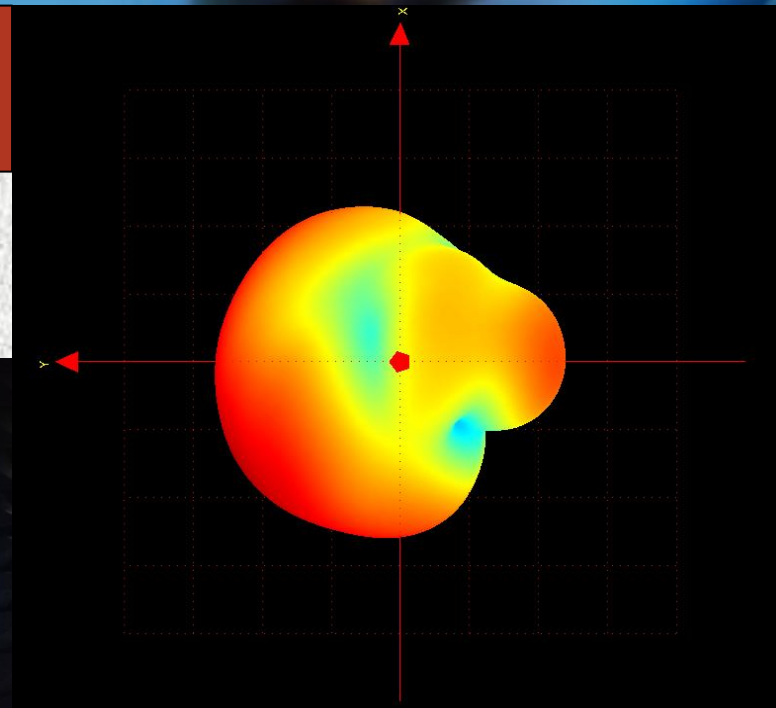
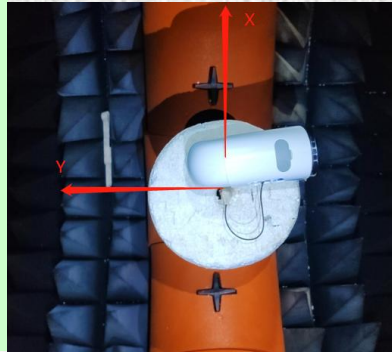


Performance of VSW08-2.4G

2D&3D sectional view

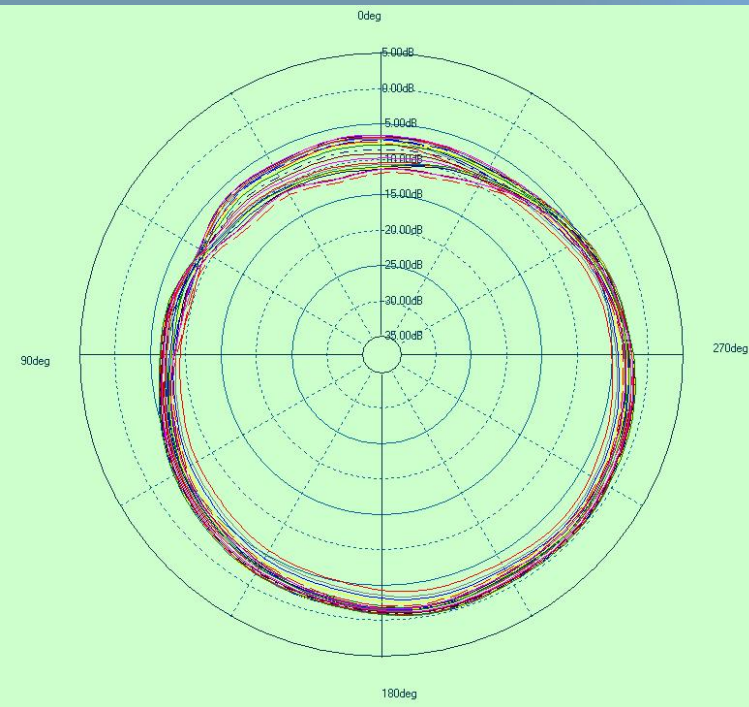


XY Plane
at 2.4GHz

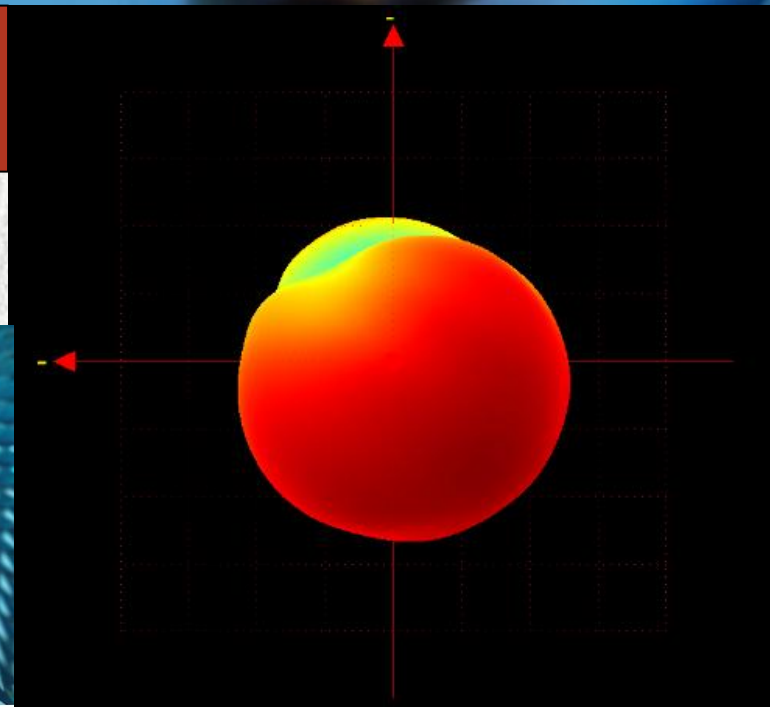
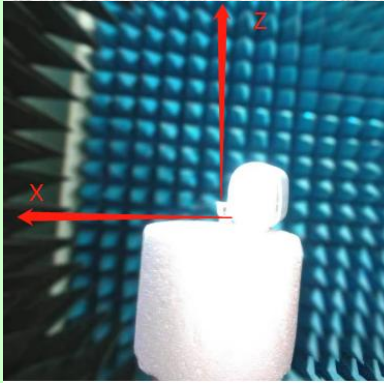


Performance of VSW08-2.4G

2D&3D sectional view

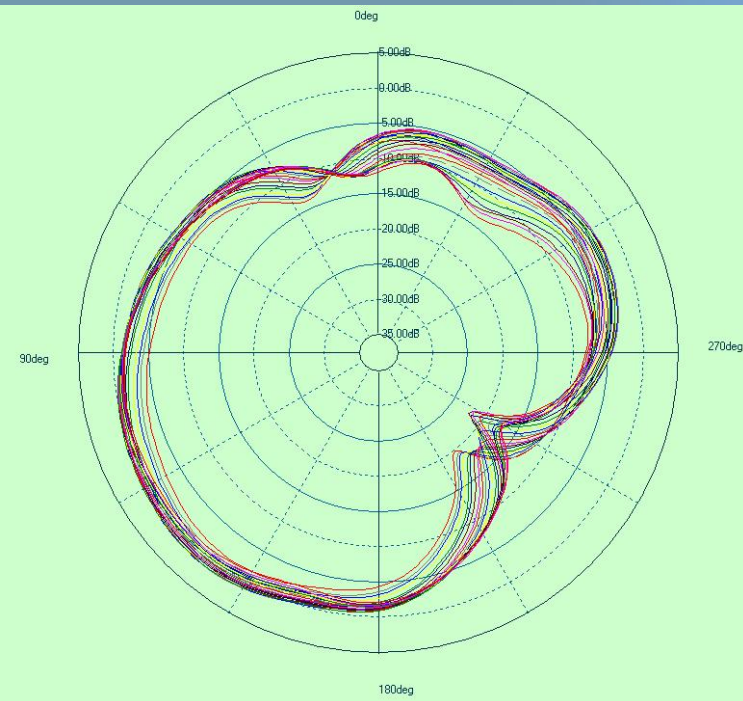


XZ Plane
at 2.4GHz

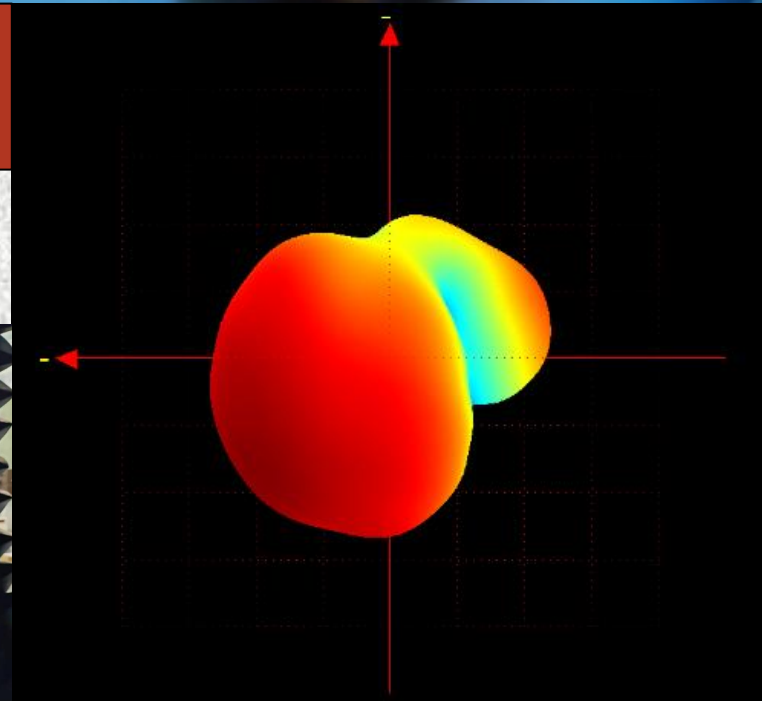
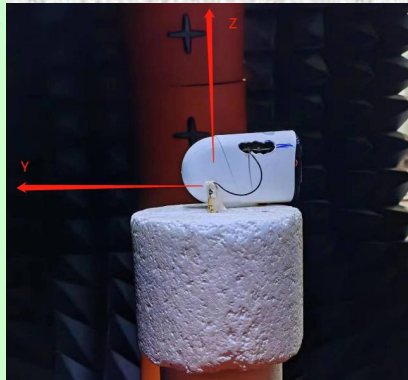


Performance of VSW08-2.4G

2D&3D sectional view



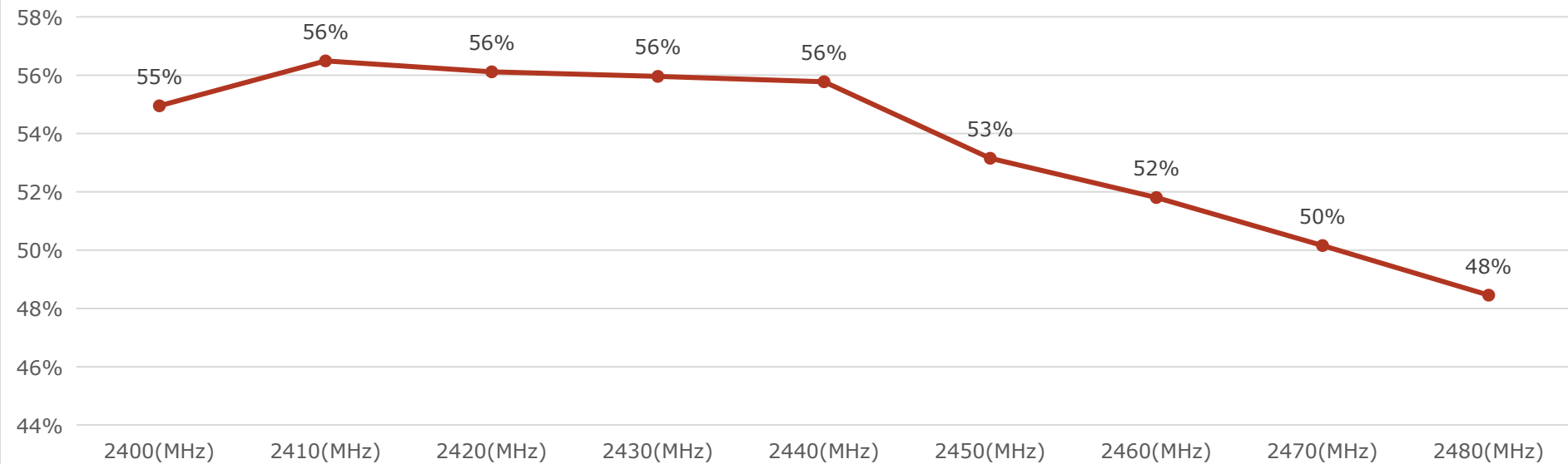
YZ Plane
at 2.4GHz



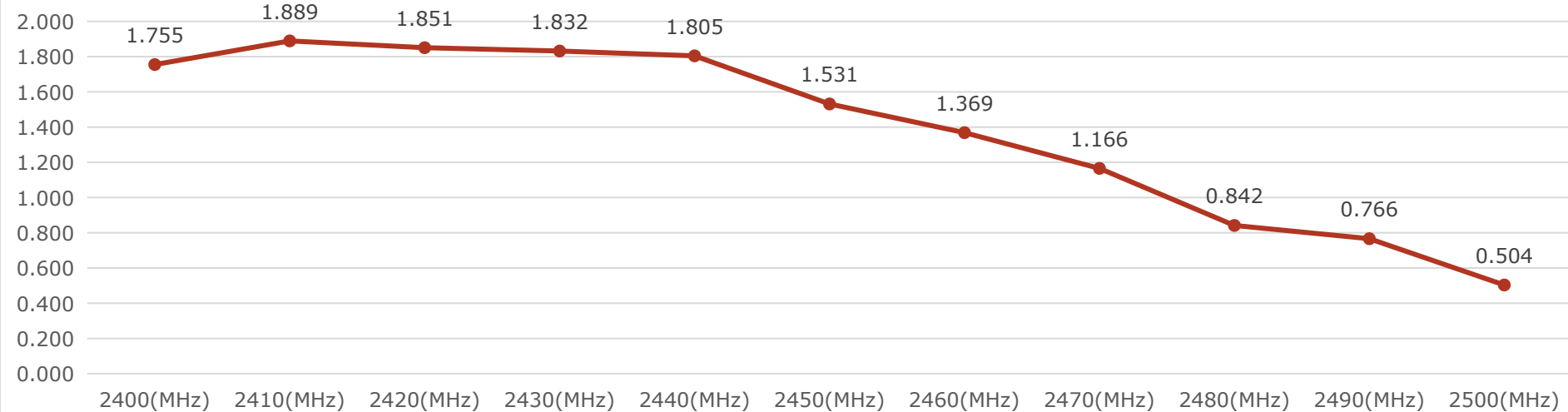
Performance of VKU01



Efficiency of VSW08



Gain of VSW08



Thank You !

www.sky-light.com.hk

SKY LIGHT Electronic (Shen Zhen) Limited

Version: 01

Website: <http://www.skylight.com.hk>

(TEL) 86-755-27511234