

Shenzhen SKYLink Technology Co.,Ltd

Antenna Specification for Approval

Customer Name: Chengdu Ashining Technology Co., Ltd.

Product Name: 2.4GHz Antenna

Customer P/N.: 80601116-01

Part No.: SK24002500D2B01A. DFB. SMAMF

Write By: Damon Cui

Issued Date: 2024-10-22

Customer

R&D Dept	Business Dept	Approved By
		 2024.10.28

SKYLink

R&D Dept	Engineer Dept	Approval

Test Equipment & Conditions

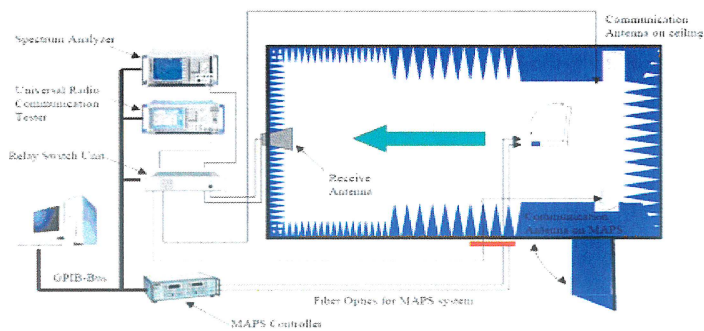
1. Network Analyzers :

Agilent 8753D 5071B

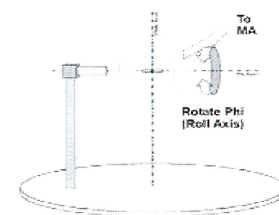
2. Communications Test Set:

Agilent E5515C

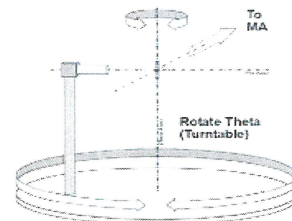
3. 3D Chamber Test System



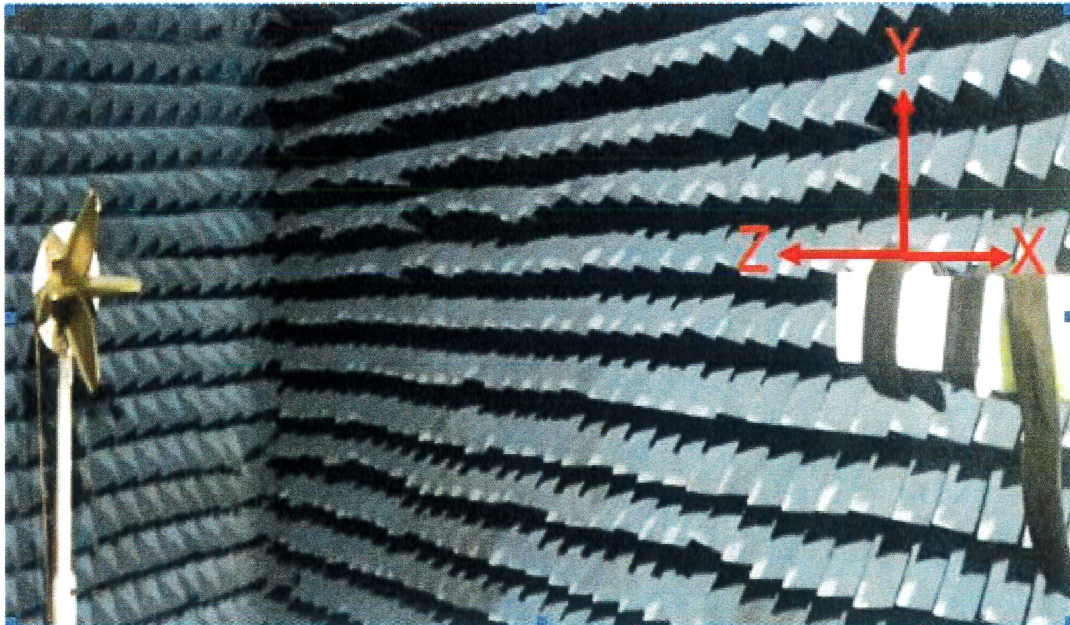
(Testing by 3D anechoic chamber)



Phi axis test

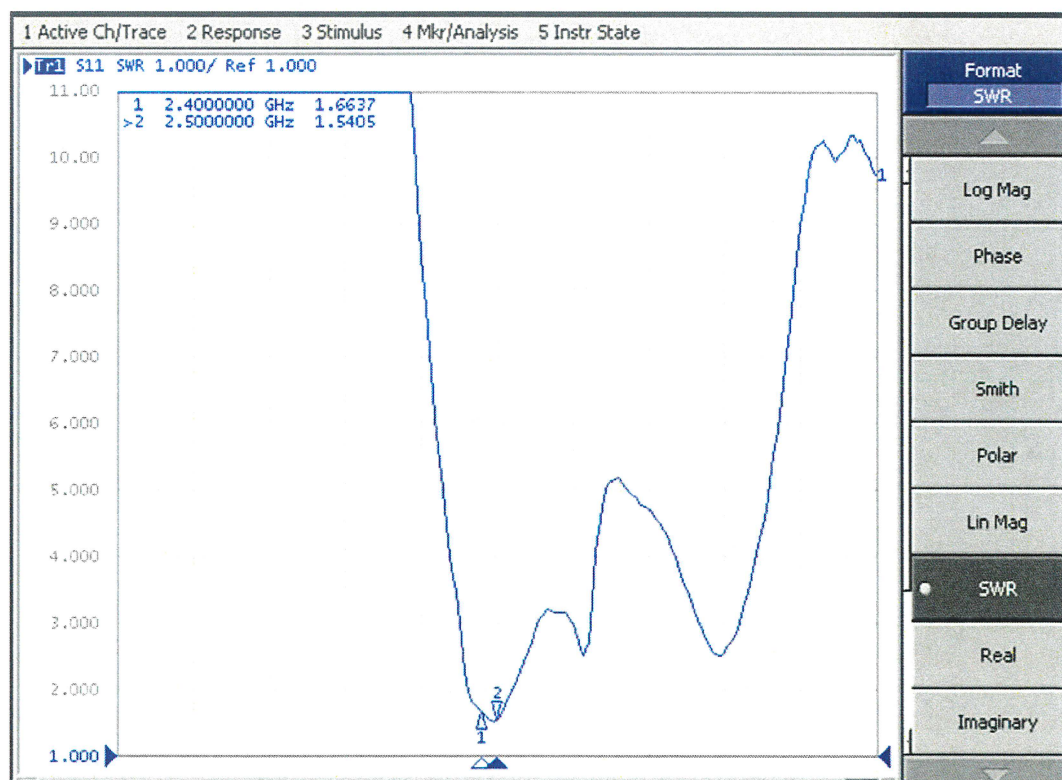
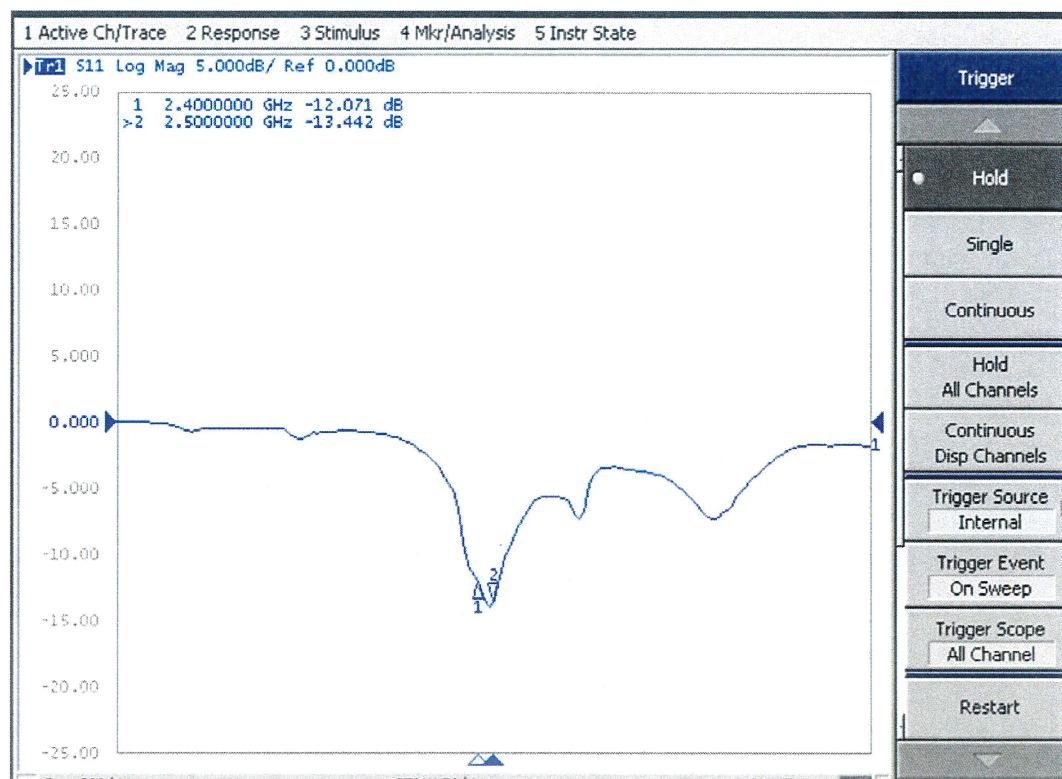


Theta axis test



R & D Center: Room D 5th Floor Building L,Block E ,71 Baocheng District ,Baoan District ,Shenzhen
Factory: 6 Floor,GangHuaXing Industrial Park,Rongshu Road 2nd ,Fuyong,Baoan ,shenzhen
Email:damoncui@tllskylink.com

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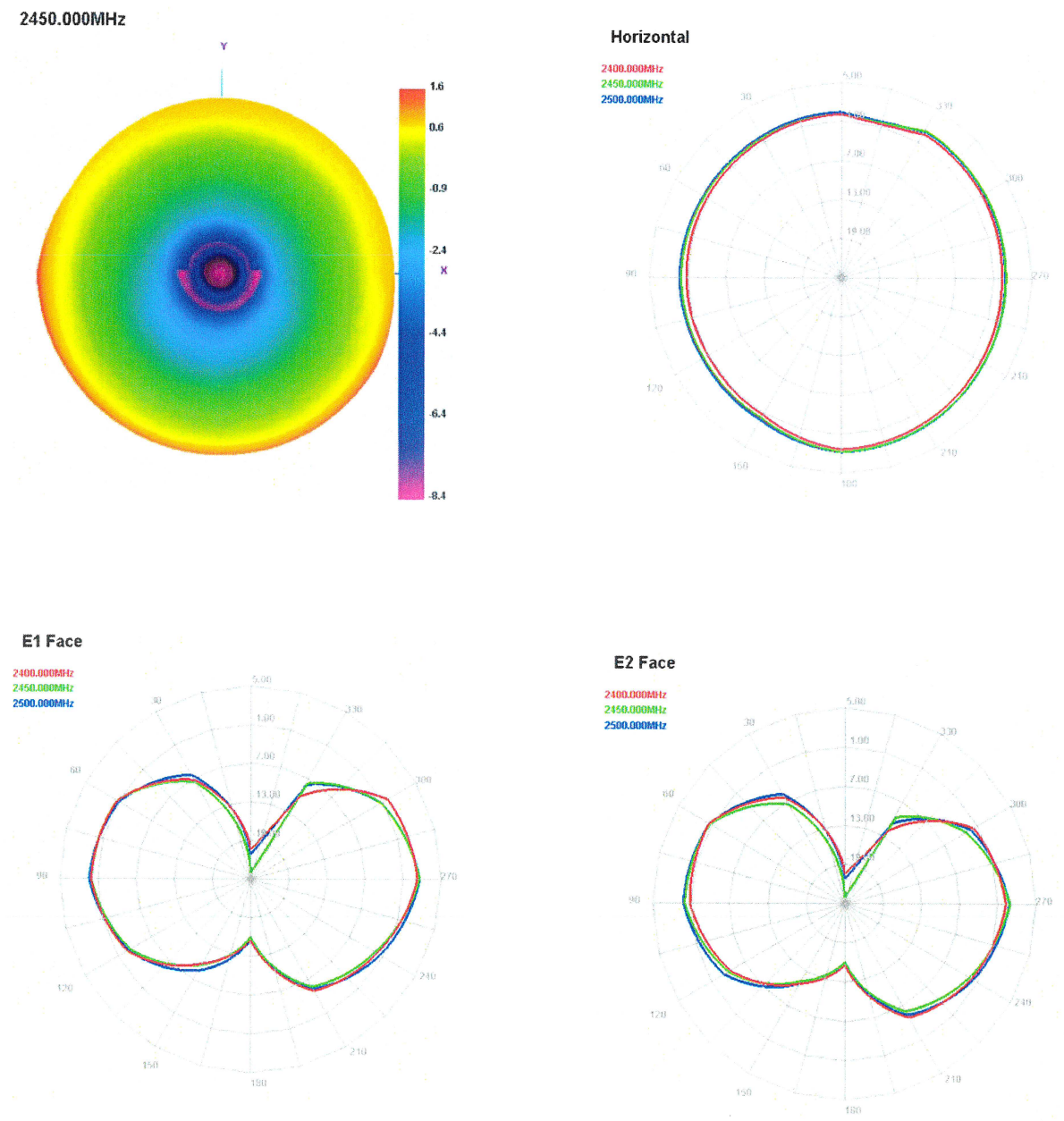
Gain:

Freq (MHz)	Gain (dBi)
2400	1.29
2410	1.28
2420	1.63
2430	1.83
2440	1.86
2450	1.64
2460	1.73
2470	1.77
2480	1.8
2490	1.83
2500	1.66

Efficiency:

Freq (MHz)	Effi (%)
2400	60.97
2410	63.46
2420	70.17
2430	70.08
2440	66.62
2450	60.83
2460	61.34
2470	63.39
2480	65.32
2490	67.66
2500	65.13

Radiation Pattern:



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