



Antenna Gain Test Report

Project No.: /

Client Name: Primax

Client Address: /

Product Name: Keyboard

Manufacture: Primax

Antenna Type: PCB

Antenna Size: /

Project Engineer: Dean Hua

Test Standards: /

Test Result: /

Issued Date: 2022.4.21

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

*This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd,
Song Shan Lake Branch.*



1 Test Equipment Information

Equipment	Manufacturer	Mode No.	Serial No.	Cal date	Cal Due
Test Chamber	ETS-Lindgren	8500	/	/	/
Test Software	ETS-Lindgren	EMQuest V1.12	1496	/	/
Network Analyzer	Keysight	E5071C	MY46524531	2021.10.30	2022.10.29
Notebook fixture	ETS-Lindgren	/	/	/	/
Pad fixture	ETS-Lindgren	/	/	/	/

2 Test Temperature and Humidity

Temperature: 23.2°C

Humidity: 66%

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



3 Test Result

1 供 PCB		
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2402	37.28	1.62
2440	38.19	1.89
2480	36.55	1.58

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

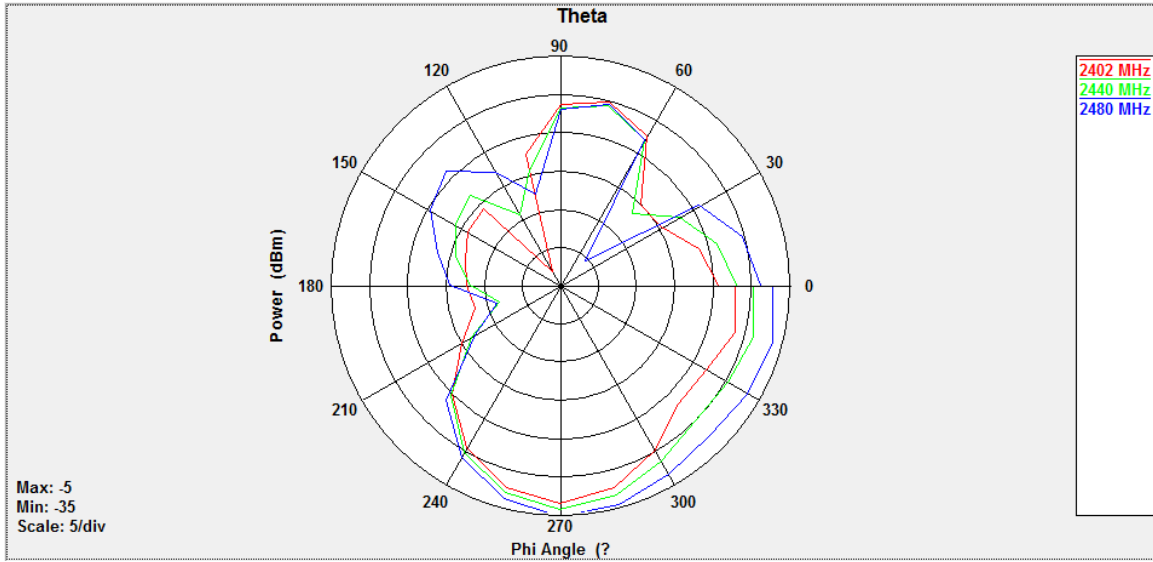
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



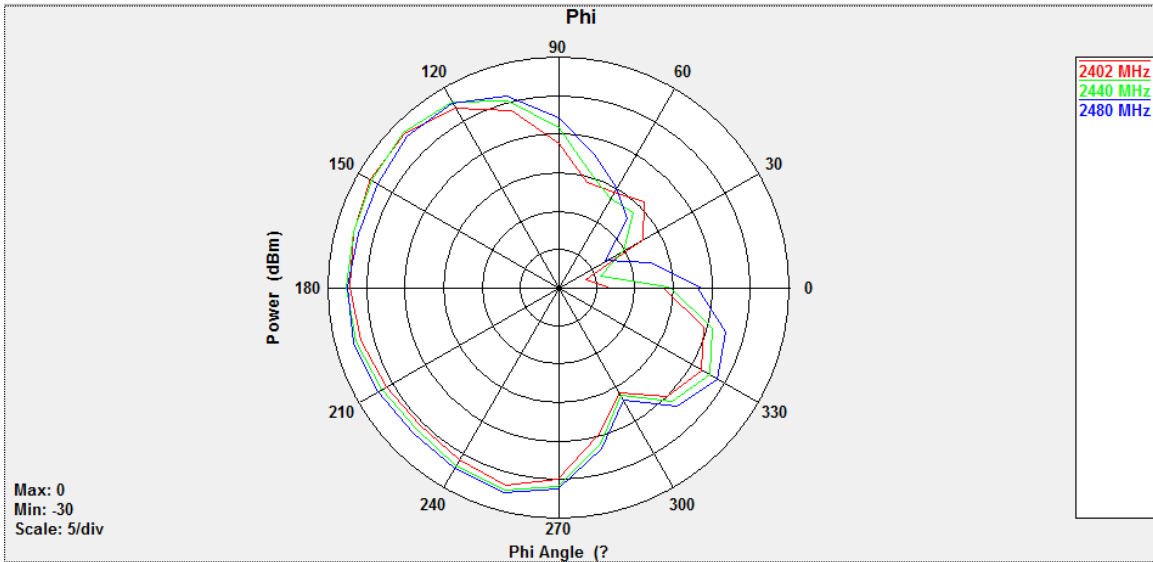
4 Polarization Pattern Photos

4.1 Keyboard 1#

Theta Polarization(Theta Angle=90°)



Phi Polarization(Theta Angle=90°)

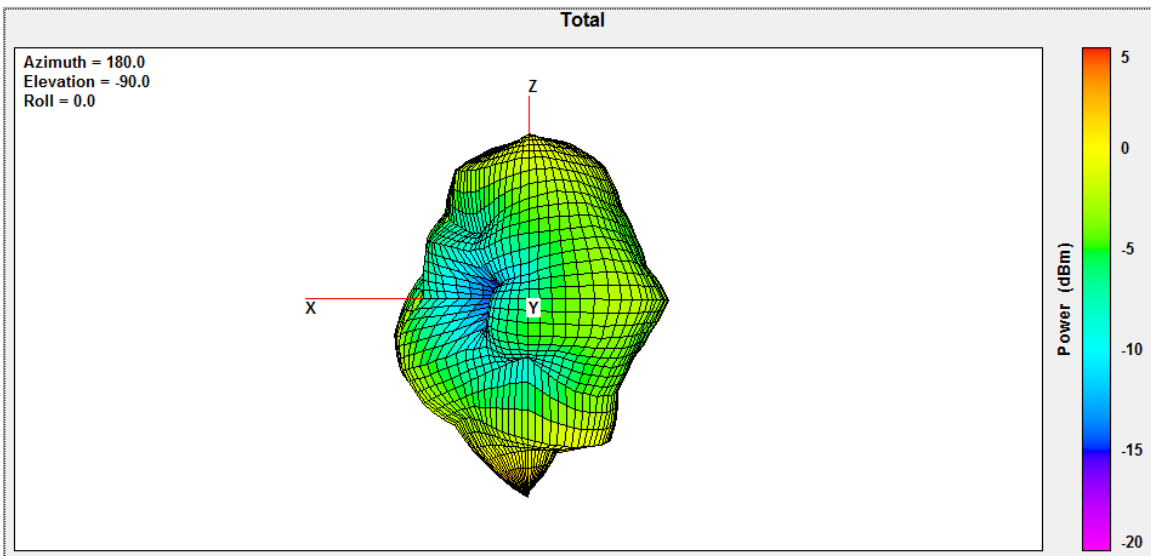
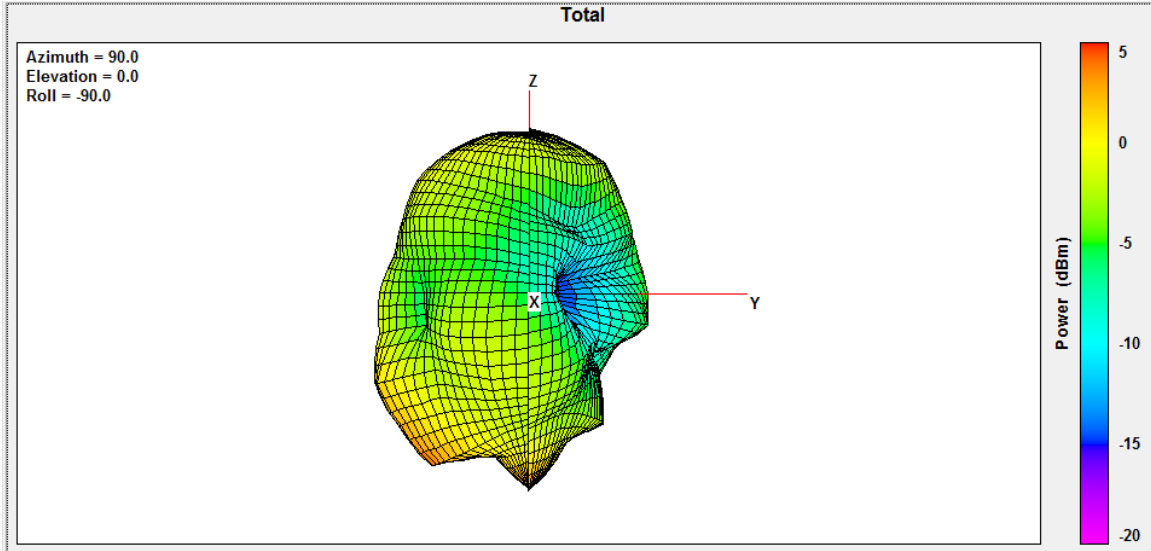


UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

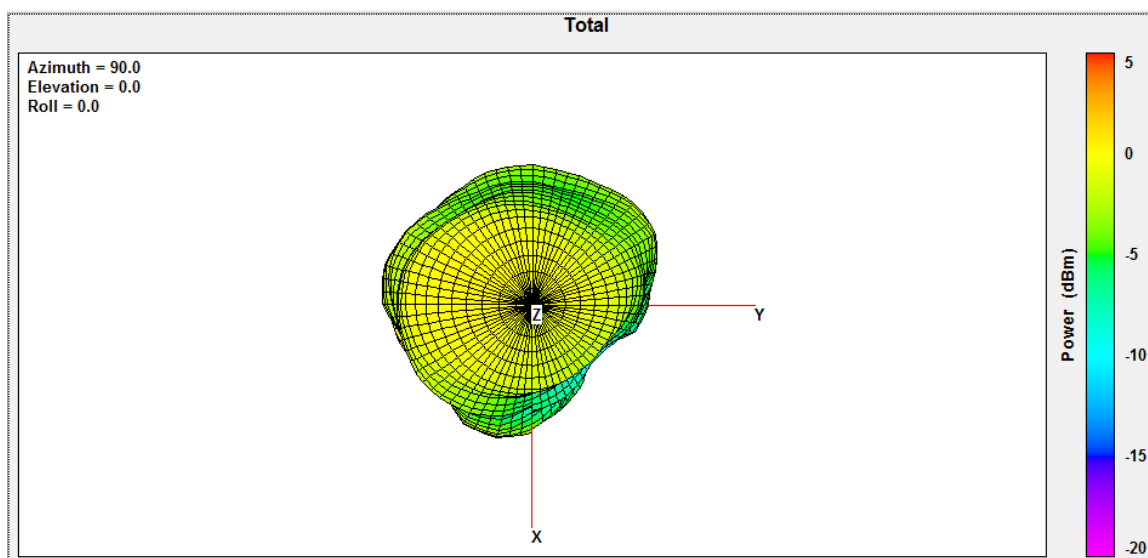


Total 3D Plot(Fre.2480MHz)



UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

*This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd,
Song Shan Lake Branch.*