

KUNSHAN INNOWAVE COMMUNICATION TECHNOLOGY CO.,LTD.

ANTENNA SPECIFICATIONS DOCUMENT

CUSTOMER NAME: SUZHOU CANADIAN SOLAR CO., LTD

PROJECT NAME: THE WIFI DATA BAR

RUI XIANG MATERIAL NUMBER: F062B9013910001

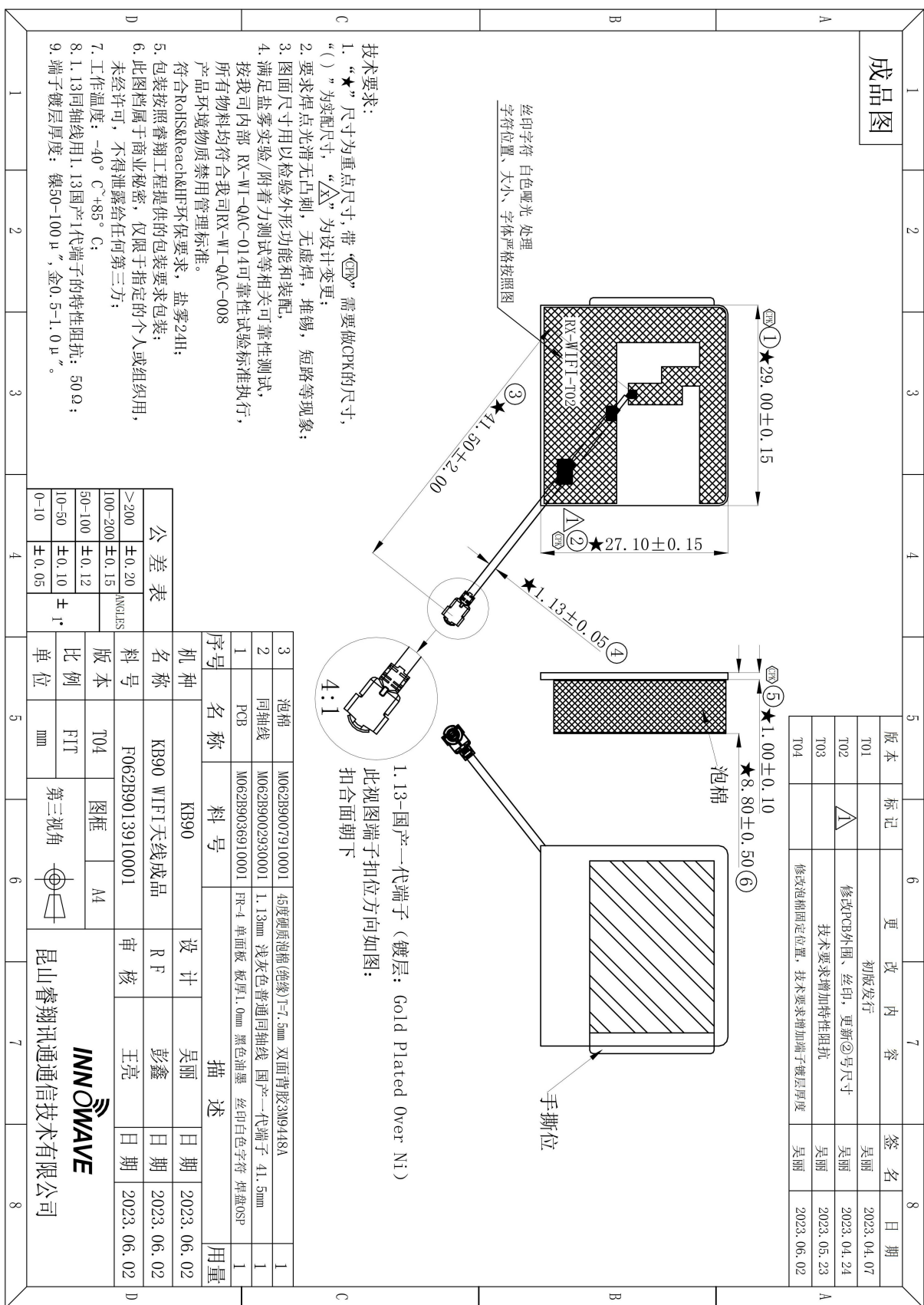
CUSTOMER MATERIAL NUMBER: /

PRODUCT NAME: KB90 WIFI ANTENNA

REVISE THE HISTORY

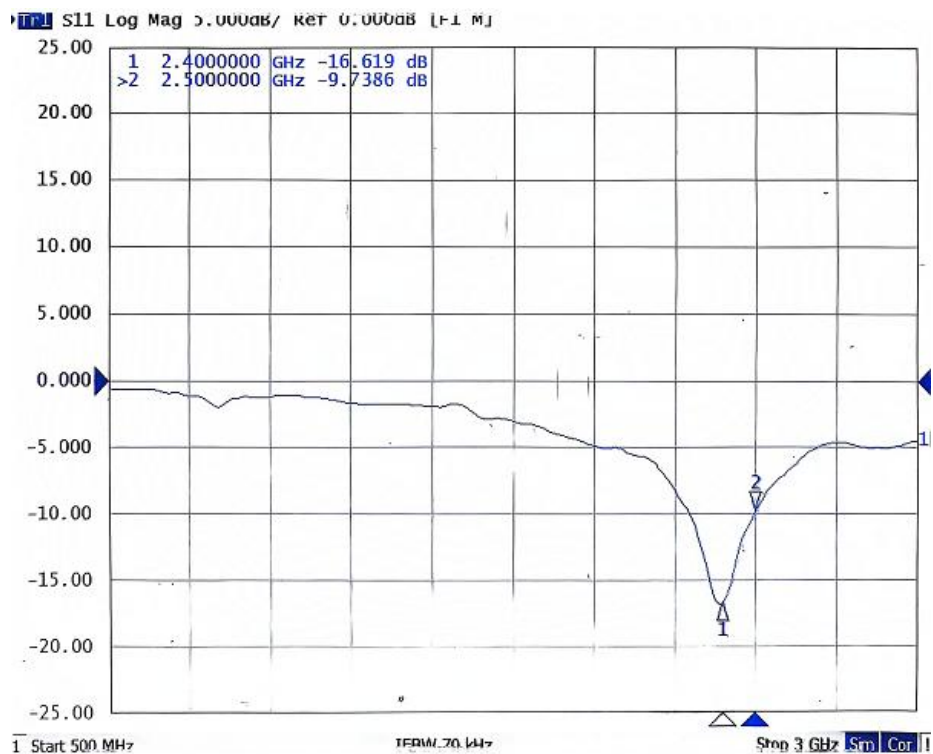
Date	Edition	Modify the instructions	Modifier	Authorizer
2023.4.13	V0.1	Editio princeps		
2023.4.17	V0.2	Modify the size of the drawings, PCB periphery,silk-screen		
2023.5.22	V0.3	Add a reliability test report		
2023.5.23	V0.4	Drawings add feature impedance		
2023.6.02	V0.5	1. Modify the fixed position of foam in the drawing and increase the thickness of terminal coating 2. Add the test report of membrane thickness		

结构图纸

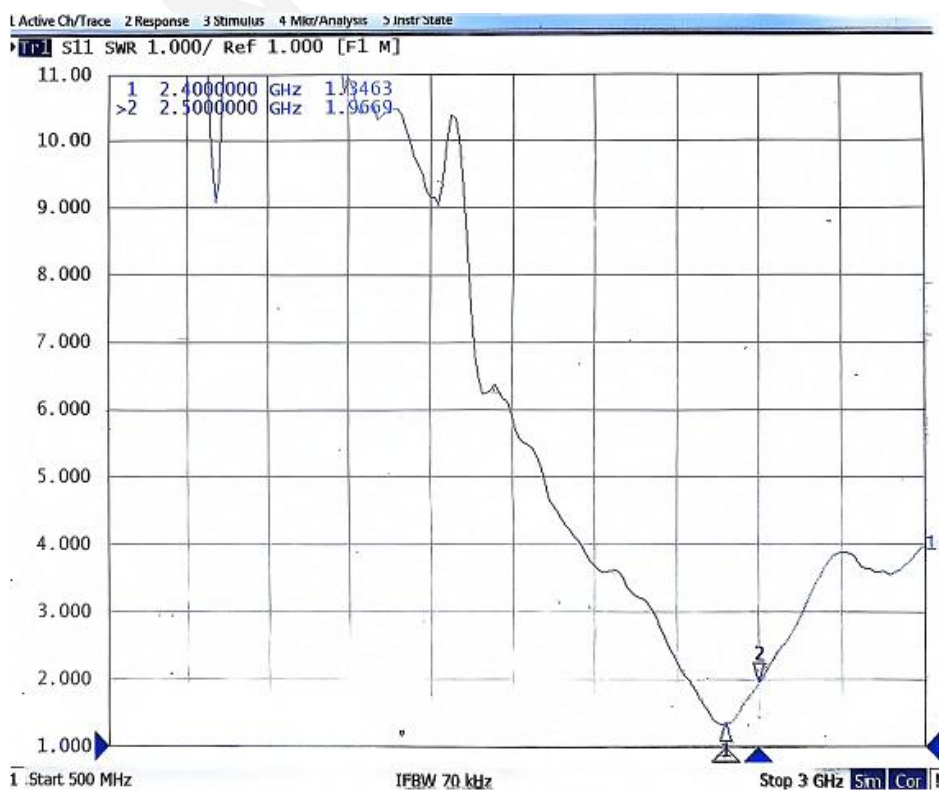


测试报告

S11 测试图:



SWR 测试图:

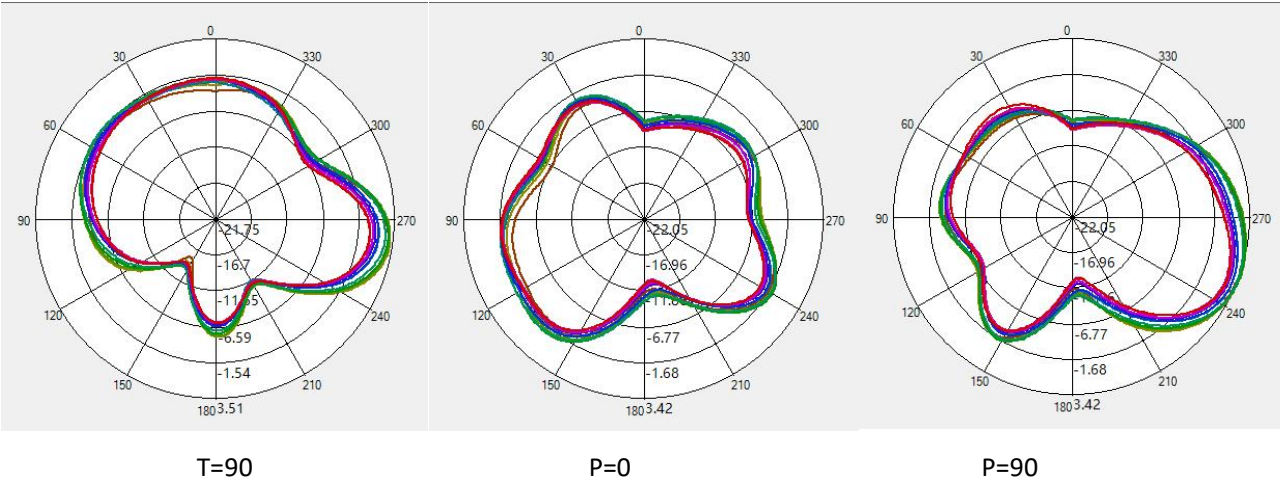


无源测试数据

频率	效率（db）	效率（%）	增益（dBi）
2400	-3.51	44.53	2.73
2410	-3.18	48.10	2.92
2420	-3.06	49.42	2.88
2430	-3.01	50.06	2.82
2440	-3.10	48.99	2.72
2450	-3.67	42.97	2.20
2460	-3.64	43.23	2.13
2470	-4.00	39.81	1.67
2480	-4.12	38.75	1.48
2490	-4.39	36.35	1.17
2500	-4.28	37.30	1.34
2400	-3.51	44.53	2.73

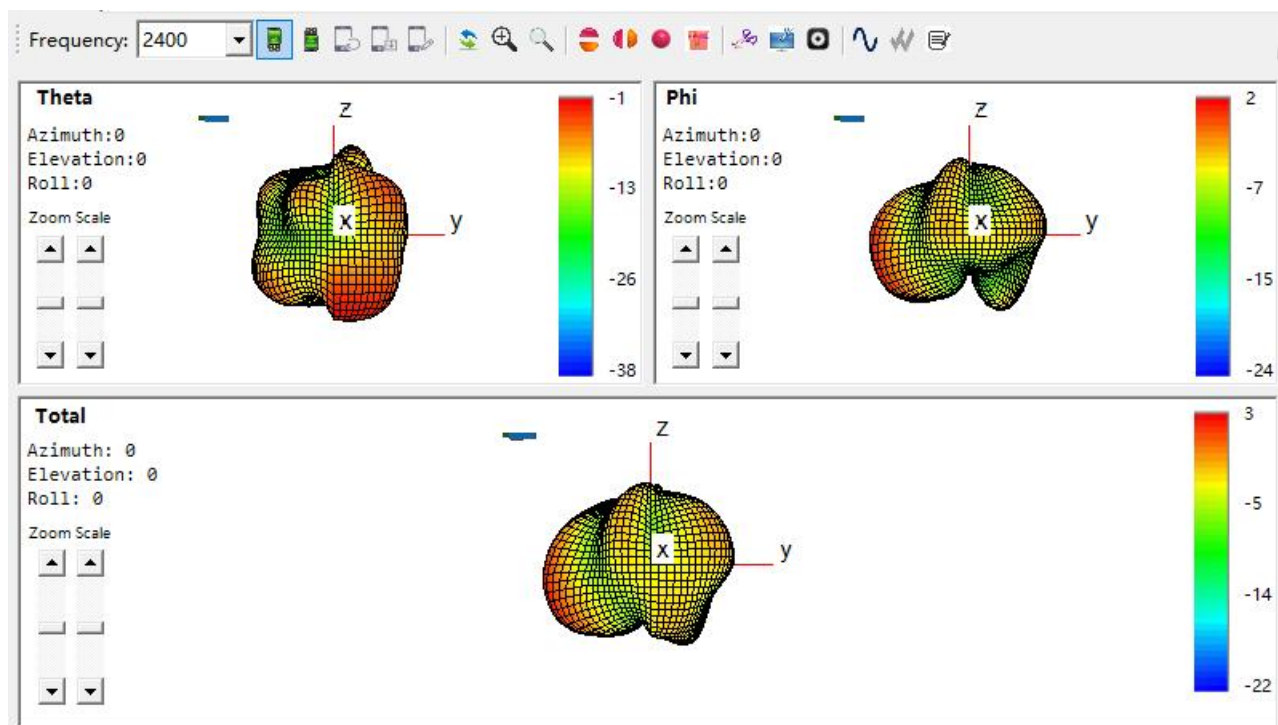
方向图

2D 方向图：

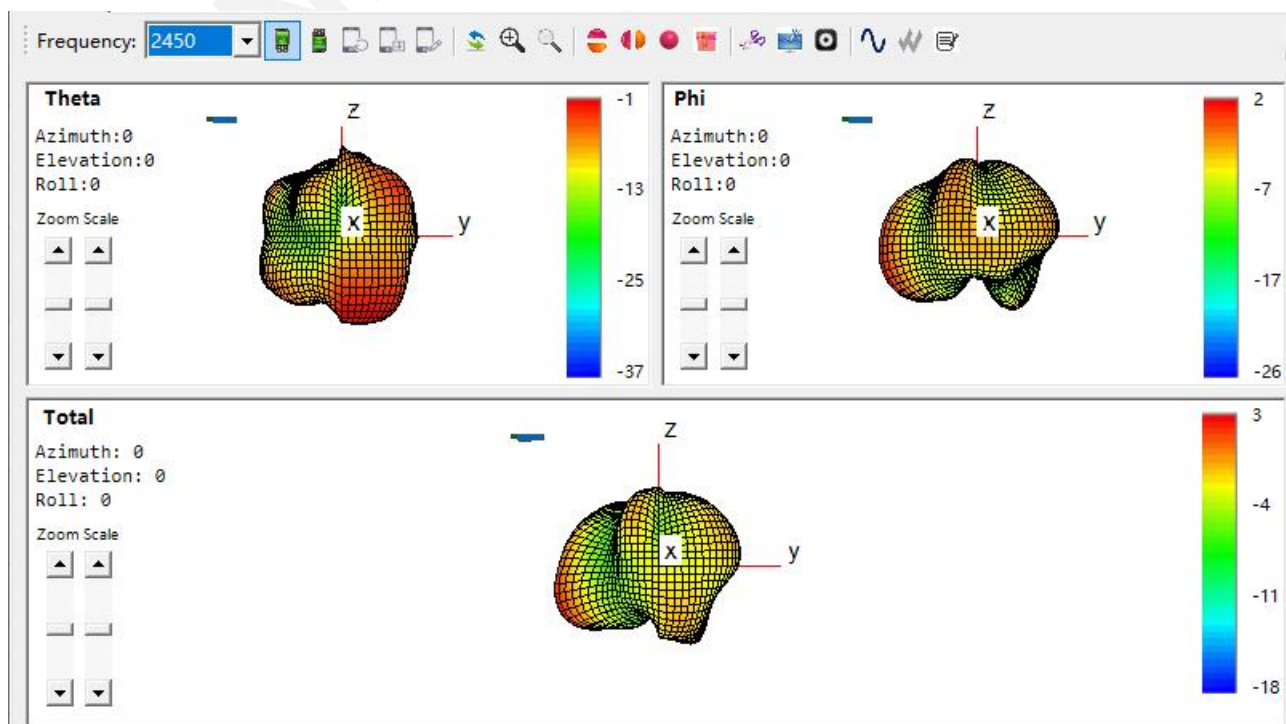


3D 方向图:

2400MHz:



2450MHz:



2500MHz:

