

SPECIFICATION FOR APPROVAL

(Product Acknowledgment)

Product Name: D830

Product model (original model): D830 antenna assembly 196034-IA

Customer's "Material Name": FPC Antenna Assembly 196034-IA

Customer's "Specification Model": Black WIFI-FPC Welding coaxial line/Conductive Measurement/Glue dispensing, ROHS

Customer's Item Code: Change Content History:

Serial Number	Content before change	Content after change	Date of change	Version	Page	Responsible Person
1	First Edition	First Edition	2025-6-26	R:A	11	Li Jieyi

Name of Supplier: Shenzhen Yusheng Communication Equipment Co., Ltd

Address of the Supplier: 407-411, Floor 4, Building 2, South Taiyun Chuanggu Park, Southeast Side of Intersection of Guangming Avenue and Dongchang Road, Guangming District, Shenzhen

Tel: 0755-23984257

0755-86090455

Email: YS_ant@163.com

(Signed by the Supplier)

Responsible Person/Date	Review/Date	Approval /Date

This recognition includes the following: (indispensable)

1. cover
2. parameter specification
3. structure dimension drawing
4. packaging drawing
5. BOM
6. Production Process Flow Sheet
7. Environmental Protection/Certification Status
8. Sample Test Report

Customer Name (Company Name): Shenzhen Oni Electronics Co., Ltd

Purchaser (customer) judgment result: Qualified ☐ Unqualified

The buyer (customer) acknowledges (please return the whole acknowledgement after confirmation)

Development Design Engineer/Date	SQE Engineer/Date	Head of Purchasing/Date	Development Manager Approval/Date

D830 Project Antenna Specification

Customer Name: Oni

Customer Name: D830

Product Name: FPC Antenna Assembly

Product specification: the black WIFI-FPC welding coaxial line/measuring

conduction/dispensing, ROHS

Supplier Item Code: 196034-1A

Change Content Resume:

Serial Number	Version	Status	Start and end date	Responsible Person	Page	Remarks
1	First Edition	First Edition	2025-6-26	Li Jieyi	11	

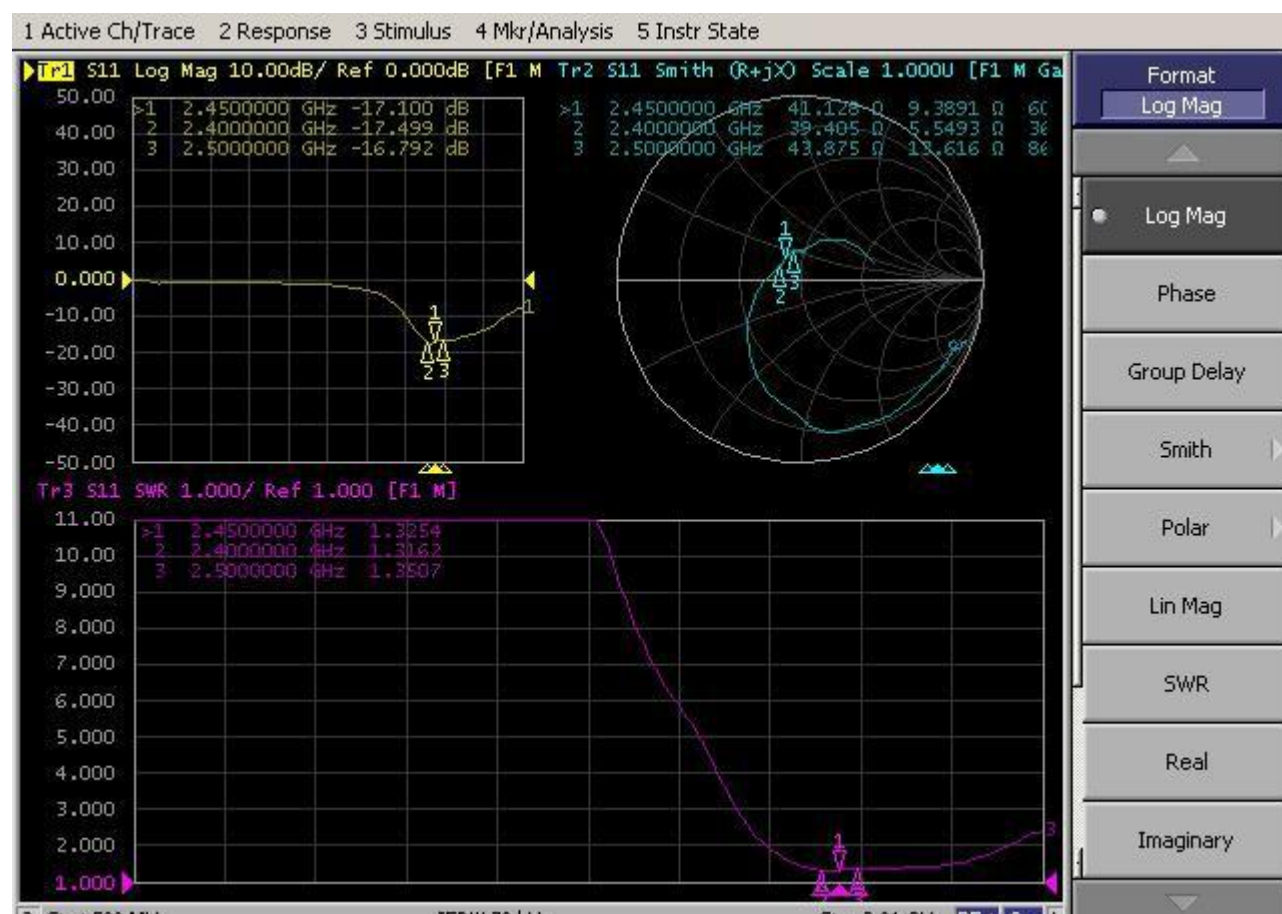
Supplier acknowledges signature:

Responsible Person/Date		IQC/Date	Review/Date	Approval/Date
MD	Feng Jiwu	Su Guanfeng	He Lei	
RF	Jiang Ming Fei			

The buyer acknowledges the signature (please send it back after signing):

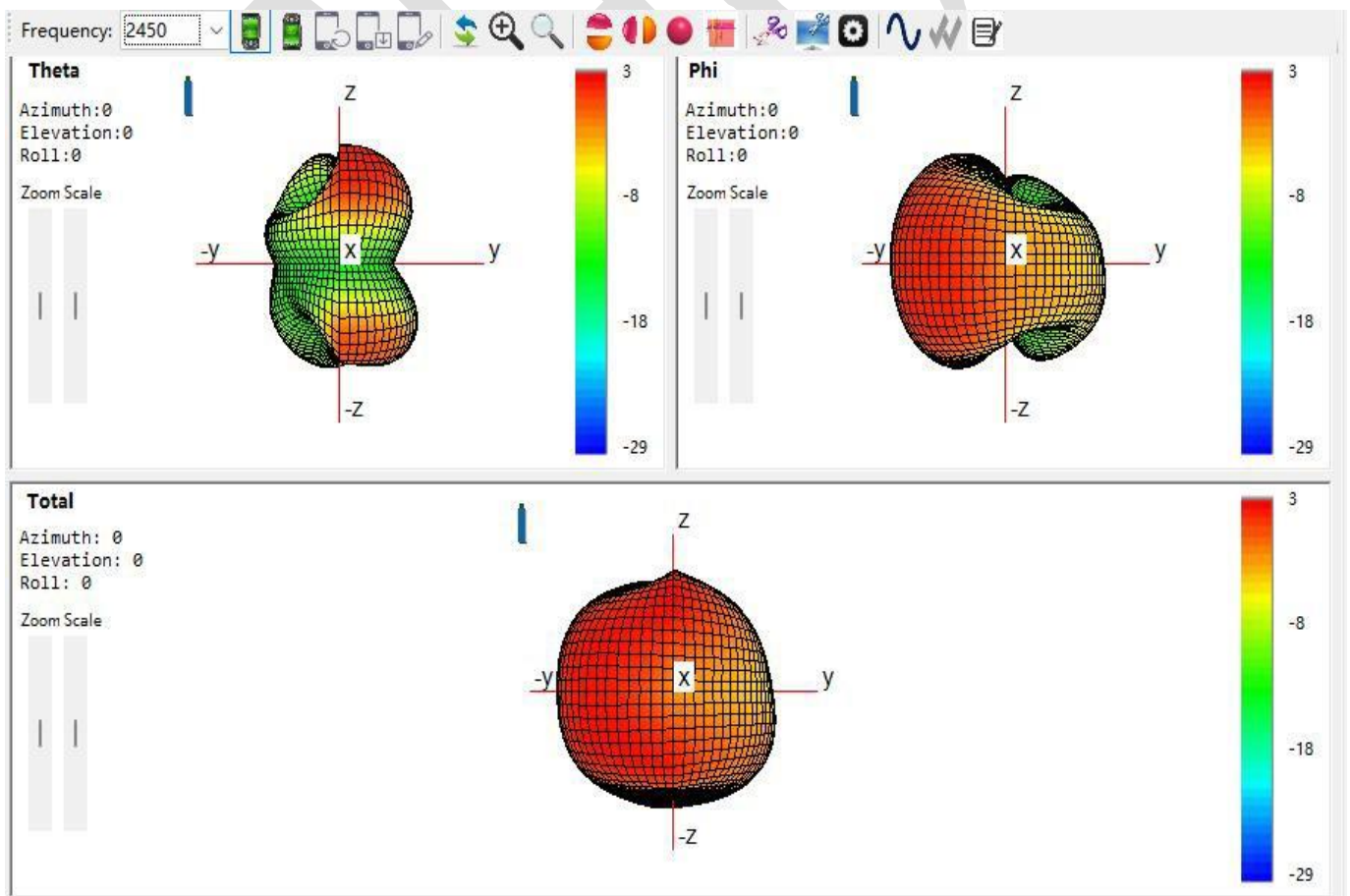
Demander judgment result: ☐ Qualified ☐ Unqualified			
Development Design Engineer/Date	SQE Engineer/Date	Purchaser/Date	Development Manager Approval/Date

2.2.2 Antenna passive parameters

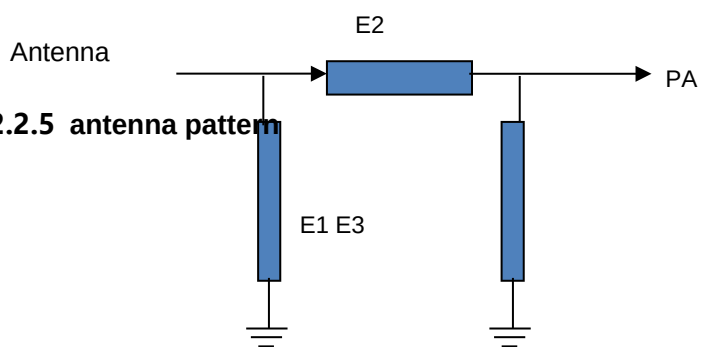


Freq	Effi(%)	Effi(dB)	GAIN(dBi)
2400.0	51.4 percent	-2.89	1.56
2410.0	52.7 percent	-2.78	1.67
2420.0	53.6 percent	-2.71	1.78
2430.0	53.8 percent	-2.69	1.94
2440.0	54.3 percent	-2.65	2.05
2450.0	55.1 percent	-2.59	2.12
2460.0	53.7 percent	-2.70	1.98
2470.0	53.2 percent	-2.74	1.84
2480.0	52.6 percent	-2.79	1.67
2490.0	51.8 percent	-2.86	1.54
2500.0	51.4 percent	-2.89	1.48

2.2.3 antenna pattern



2.2.4 Match changes



2.2.5 antenna pattern

Element	Value
E1(0402)	NC
E2(0402)	0.001 megohms
E3(0402)	NC

2.2.5 Antenna Location



3. Engineering Drawings

