



上海增信电子有限公司
Signal Plus Technology Co., Ltd.

规格承认书
SPECIFICATION FOR APPROVAL

日期
DATE: 2024.08.05

版本
REV.: C

客 户
CUSTOMER:

客 户 料 号
CUSTOMER P/N:

品 名
PART NAME: Internal PCB antenna 2.4G&5GHz 3dBi 1.37 white Low Loss Cable
L=366mm With RF CONN

供 方 料 号
SUPPLIER P/N: 6289F00004

送样日期Date: 送样数量Q'TY: Pcs

客户确认CUSTOMER APPROVED BY		
核准 Approved by	审核 Checked by	确认 Confirmed by

供方确认SUPPLIER SIGNATURE		
核准 Approved by	审核 Checked by	拟制 Prepared by
Andy		Cindy

ZX-QT-RD-0011-A1

Add:上海市徐汇区桂箐路69号30栋603室 Tel:021-54266190 Fax:021-54266191

Revision History

Revision	Note	Date
V1	New Issue	2024.1.12
V2	Update	2024.2.21
V3	Update	2024.8.5



Antenna Test Report

Data Preview

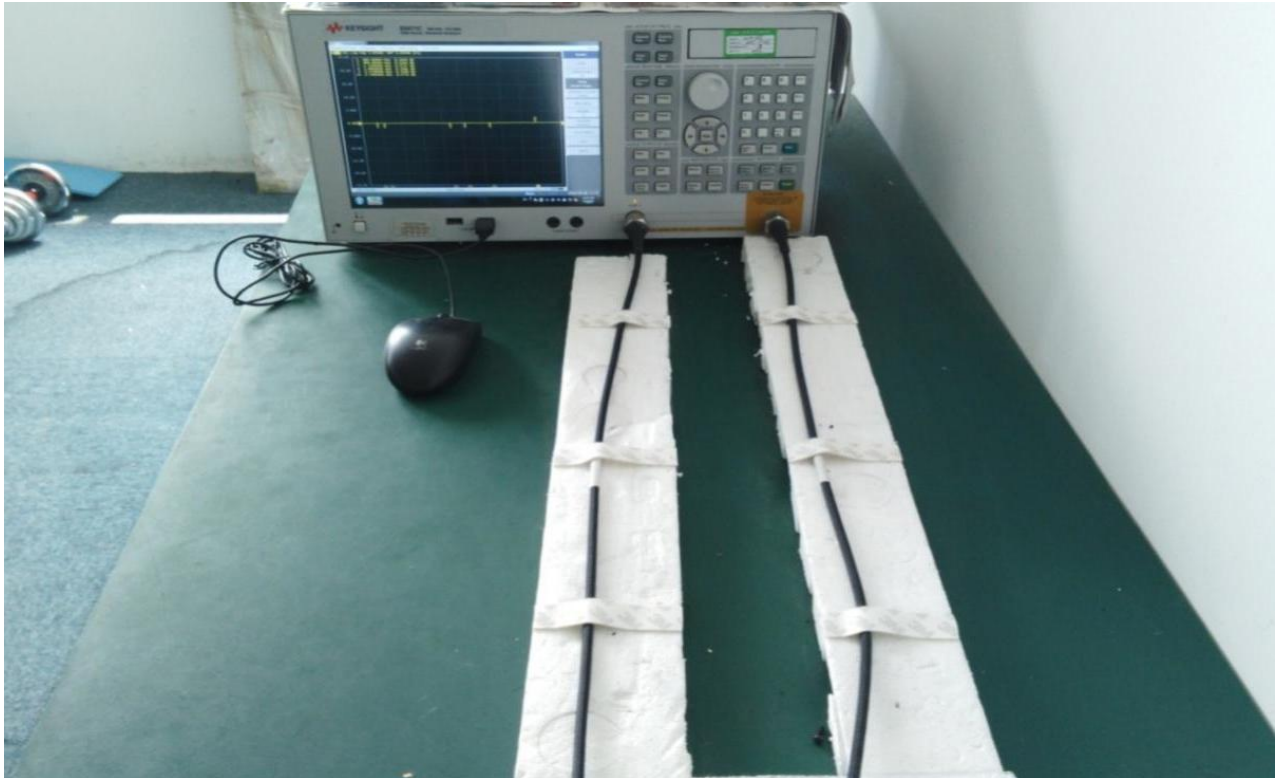
2.4&5G:

Freq.(MHz)	2400	2450	2500	5150	5550	5850
VSWR	1.16	1.14	1.02	1.39	1.39	1.55
Gain(dBi)	3.48	3.24	3.37	3.73	3.6	3.51
Eff.%	77.8	78.2	76.1	76.5	77.05	75.4

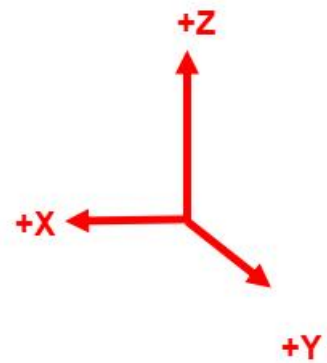
1. RF Fixture Experiment

1.1 Test Setup

1.1.1 VNA Test Setup

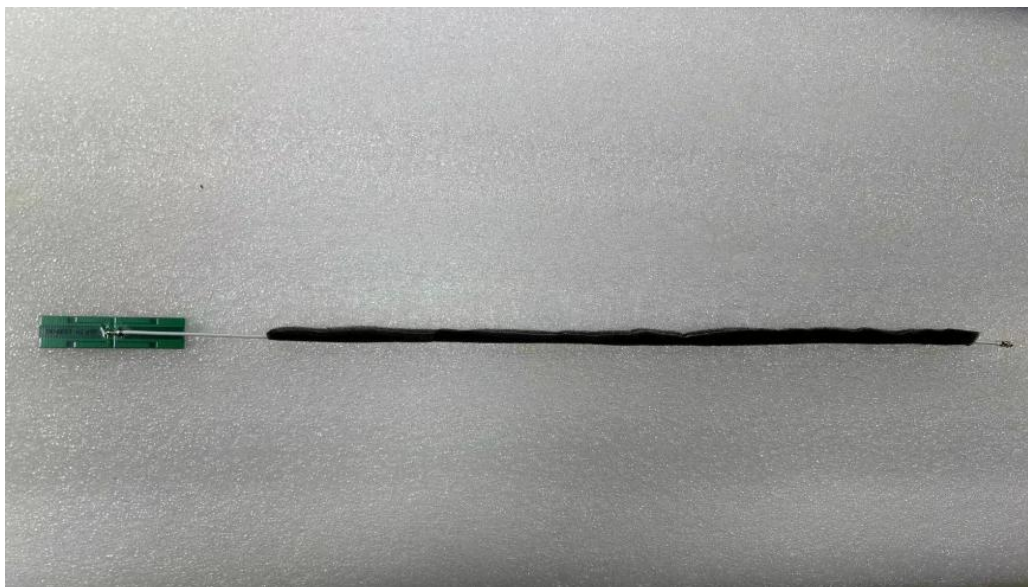


1.1.2 Anechoic Chamber Test Setup



2. Antenna Solution

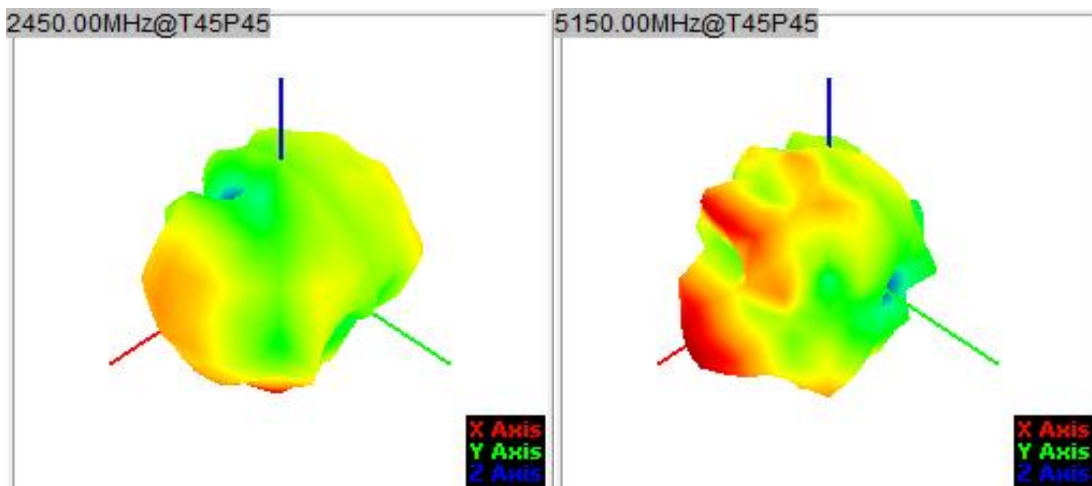
Ant

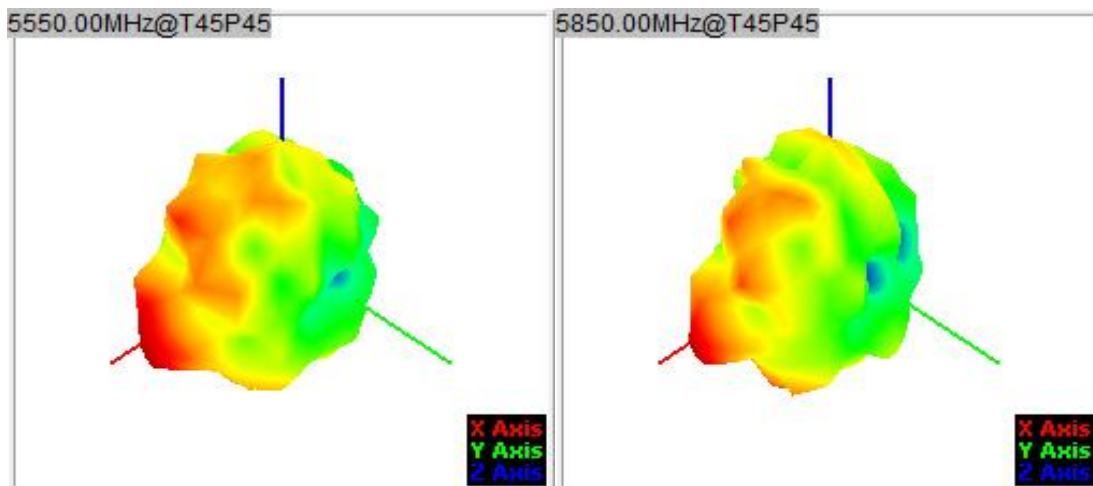


S11(2.4G&5G-Ant)

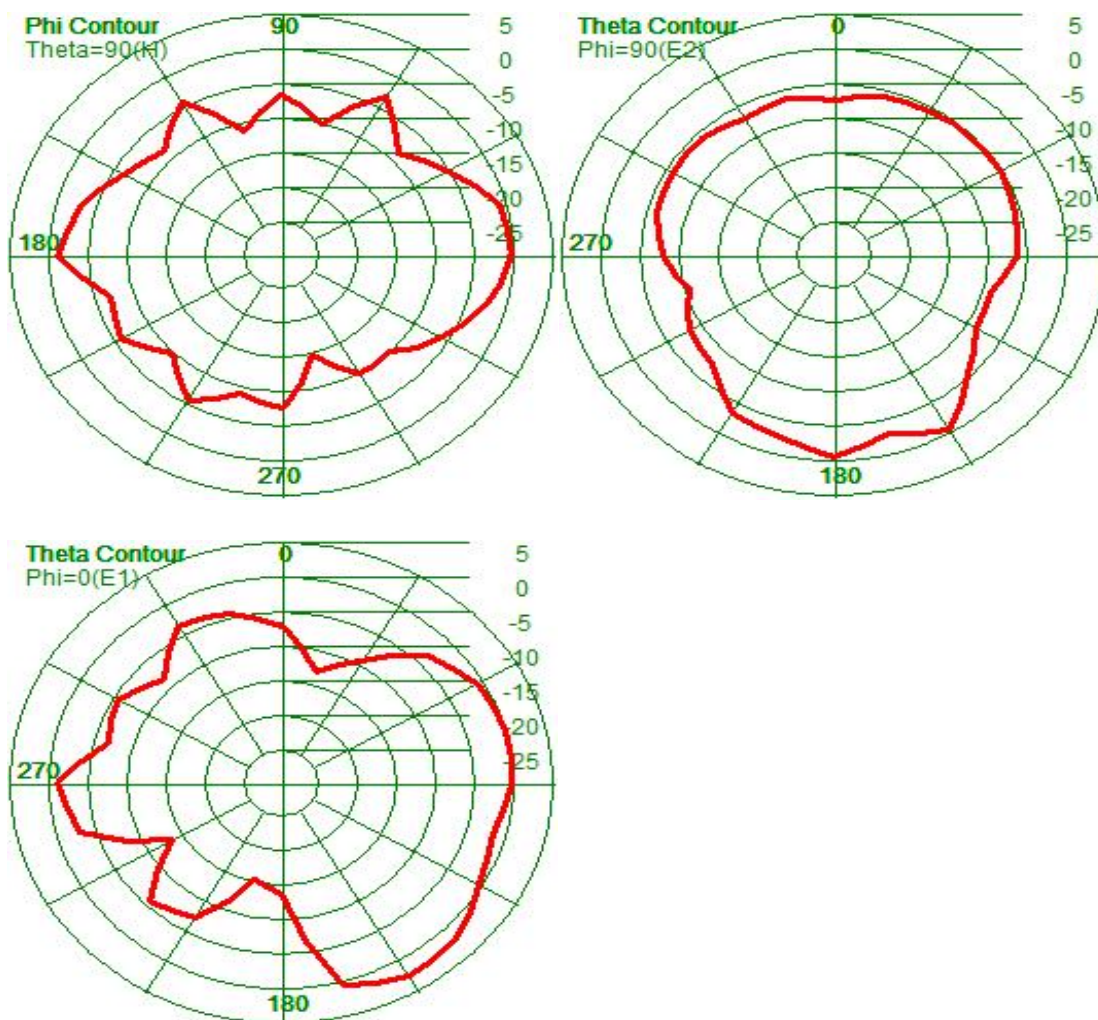


Radiation patterns:3D

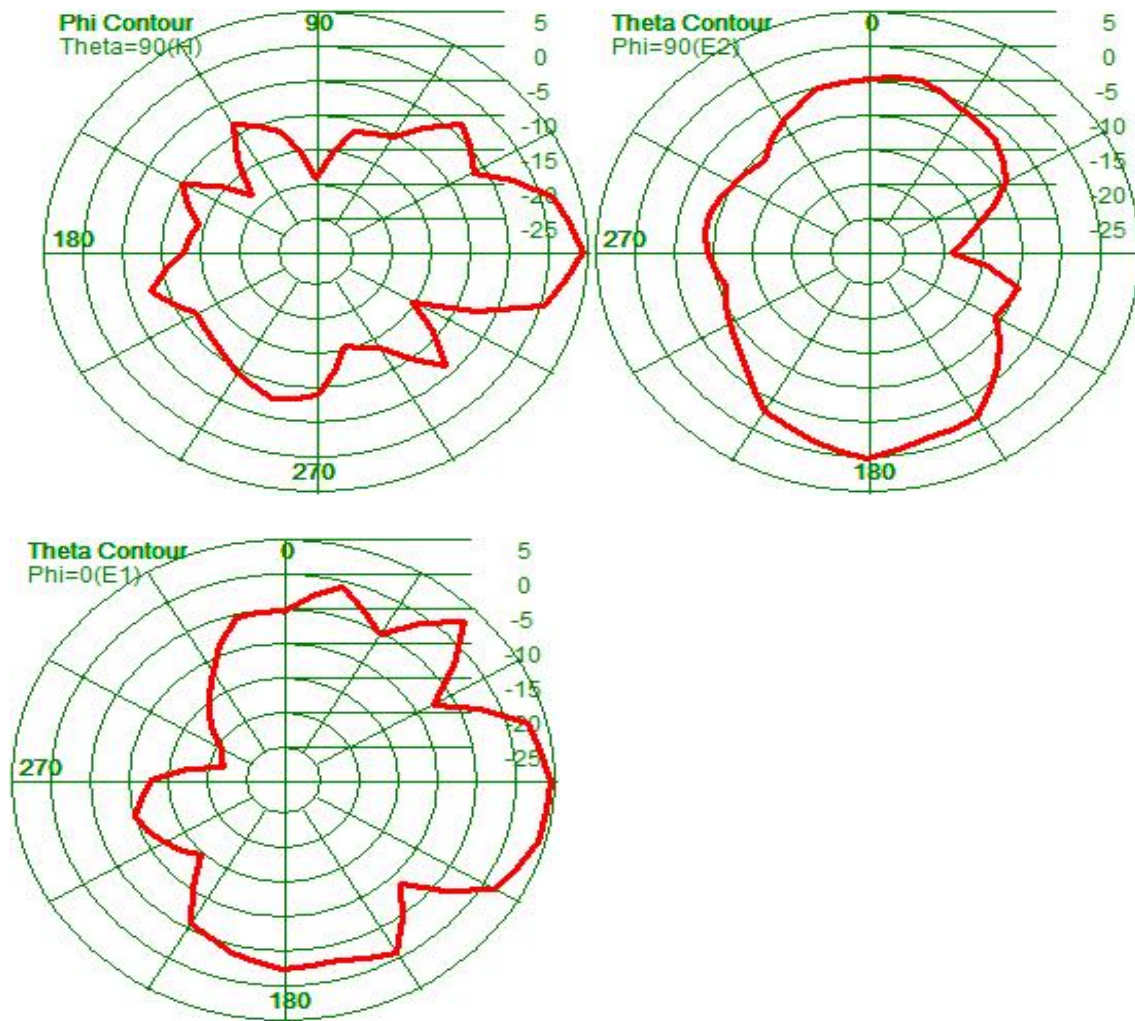




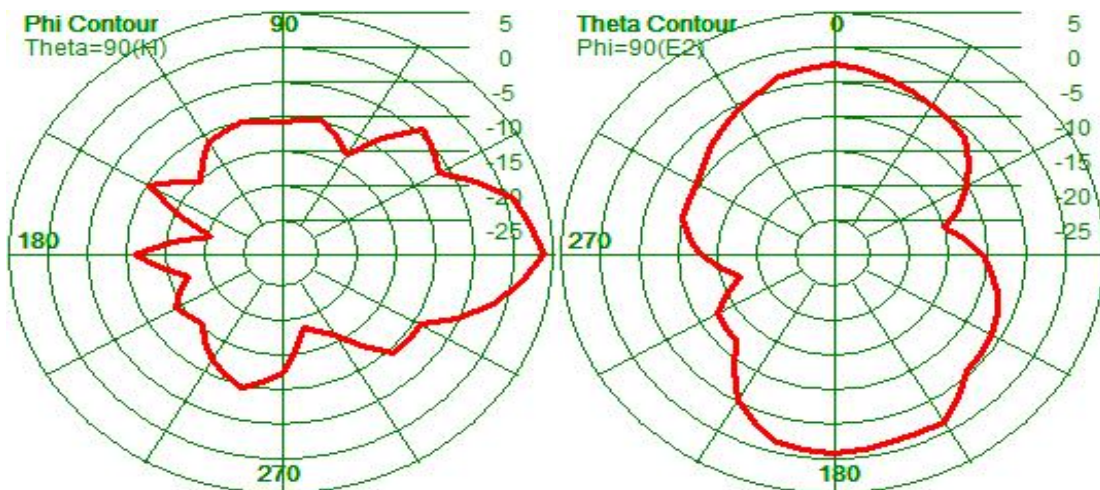
Radiation patterns:2D 2450MHz

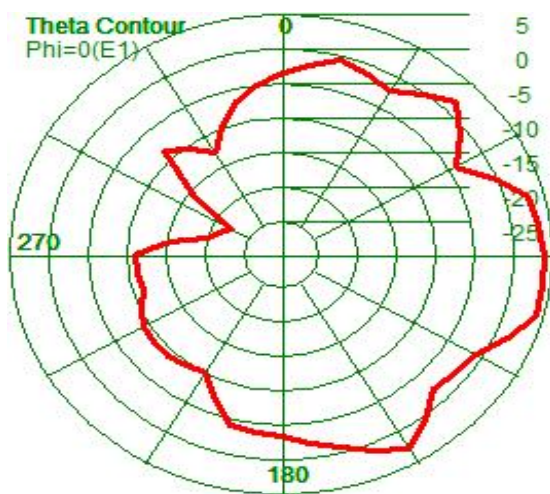


Radiation patterns:2D 5150MHz

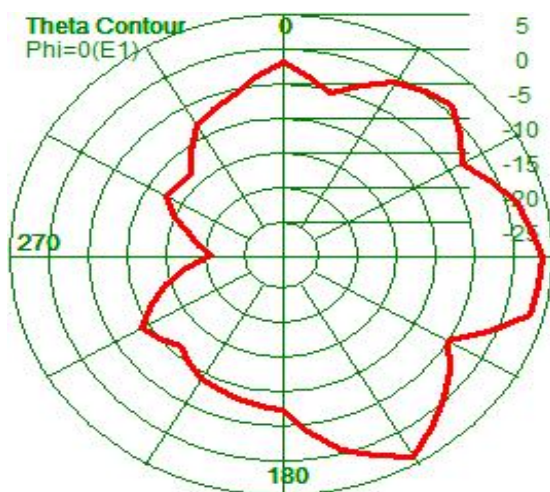
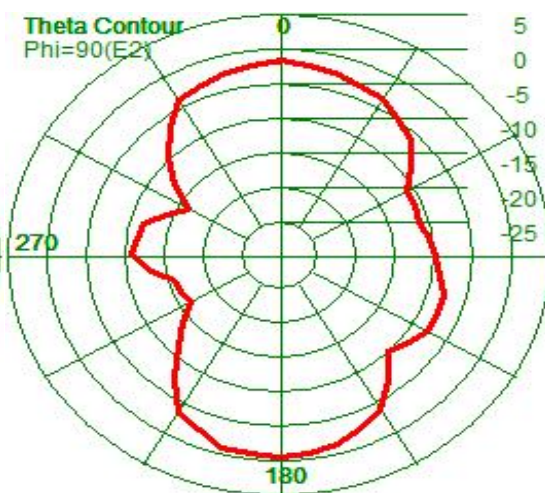
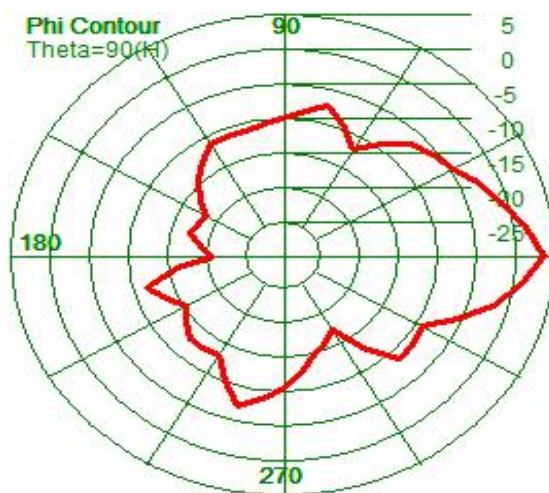


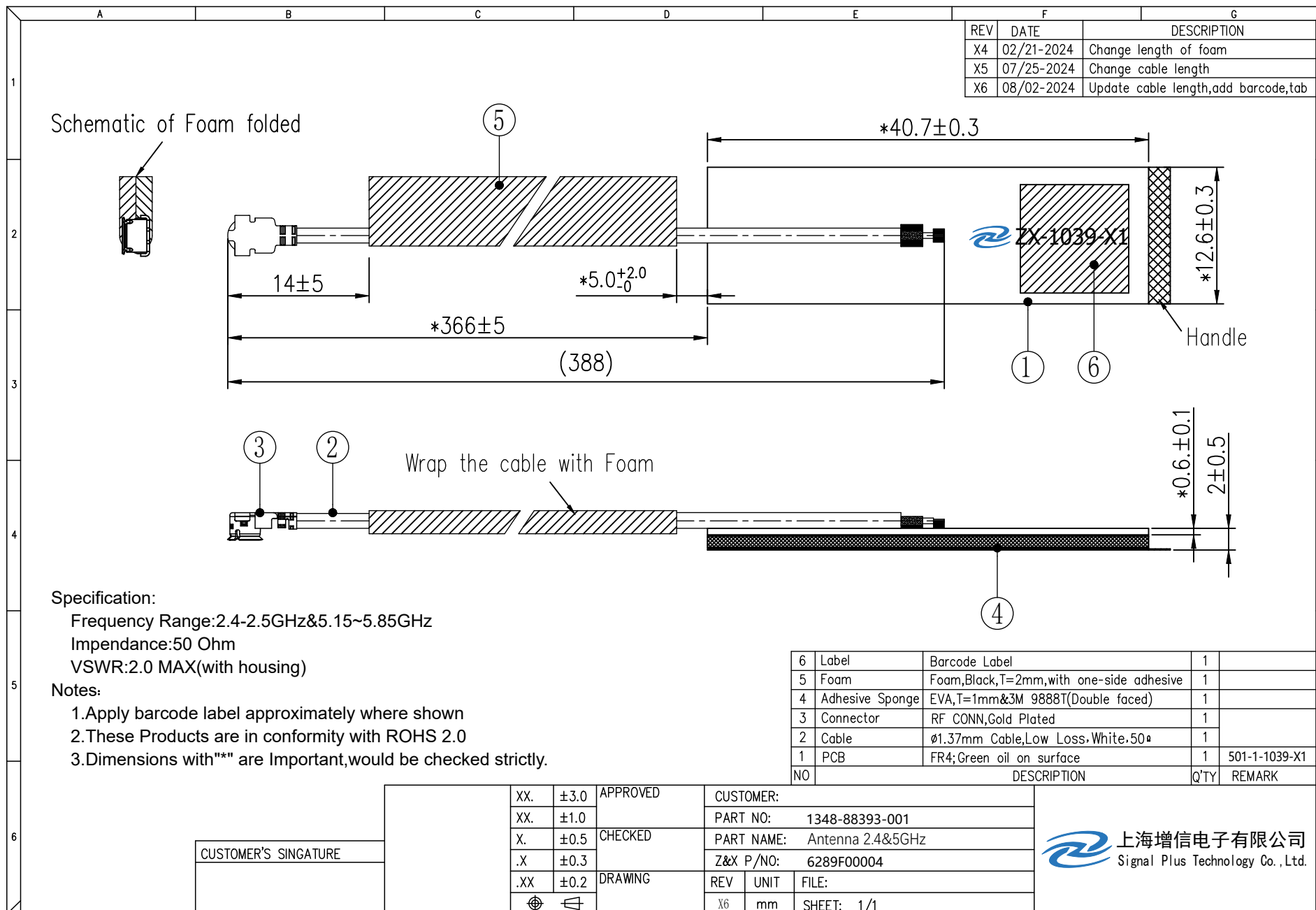
Radiation patterns:2D 5550MHz





Radiation patterns:2D 5850MHz





REV	DATE	DESCRIPTION
X1	01/12-2024	NEW DRAWING
X2	08/02-2024	Update drawing

Step 1: Checking

A diagram showing a single electronic component being tested. The component has three pins at the bottom and a connector at the top. It is shown above a test point with a blue flame-like symbol.

1) Product checked

Step 2: PE-Bag Packaging

A diagram showing three electronic components being placed into individual bags within a larger container. A central label reads "PE-Bag Label" and another below it says "RoHS Pass". A "Sealing line" is indicated at the top. Dotted lines suggest more bags are present.

2) 50PCS/PE-Bag

Step 3: Packing

A perspective view of a cardboard shipping box. A label on the side contains fields for MODEL:, Q'ty: PCS, N.W.: KGs, and G.W.: KGs. The top of the box is sealed, as indicated by a "Sealing" label.

3) Packing, 1000pcs/carton

CUSTOMER'S SINGATURE

XX.	±3.0	APPROVED	CUSTOMER:		
XX.	±1.0		PART NO:	1348-88393-001	
X.	±0.5	CHECKED	PART NAME:	Packaging Specification	
.X	±0.3		Z&X P/NO:	6289F00004	
.XX	±0.2	DRAWING	REV	UNIT	FILE:
			X2	mm	SHEET: 1/1

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