

环保:	RoHS2.0/REACH/HF
版本:	A/0

承认书

SPECIFICATION FOR APPROVAL

客户名称

Customer:

佳禾智能科技股份有限公司

品名

Product:

天线

客户料号

Part No.:

300116190178Y00

客户（业务）确认回复:

Customer (Business) Approval Status:

签核:

Signature:

合格 PASSED

拒收 REJECTED

产品资料 PRODUCT INFORMATION

产品名称

Product:

蓝牙天线

产品型号

Part No.:

MTS.81800V463T1(T90S-充电盒天线;81800V463)

样品编号

Samples No.:

图纸编号

Drawing No.:

日期

Date:

2023.9.19

承办 Prepared By	校对 Proofed By	审核 Checked By
DATE:	DATE:	DATE:

创新INNOVATION 信赖RELIABILITY 满意SATISFACTION



深圳市丰禾原电子科技有限公司

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表单编号: CO-ENG-031B

ANTENNA SPECIFICATION

Client:	Cosonic Intelligent
Project:	T90S-C
Antenna type:	FPC antenna
Version:	V1.1
Issued Date:	18-Sep-23

Contents

1. Revision History
2. Introduction
3. Electrical Characteristics

1.Revision History

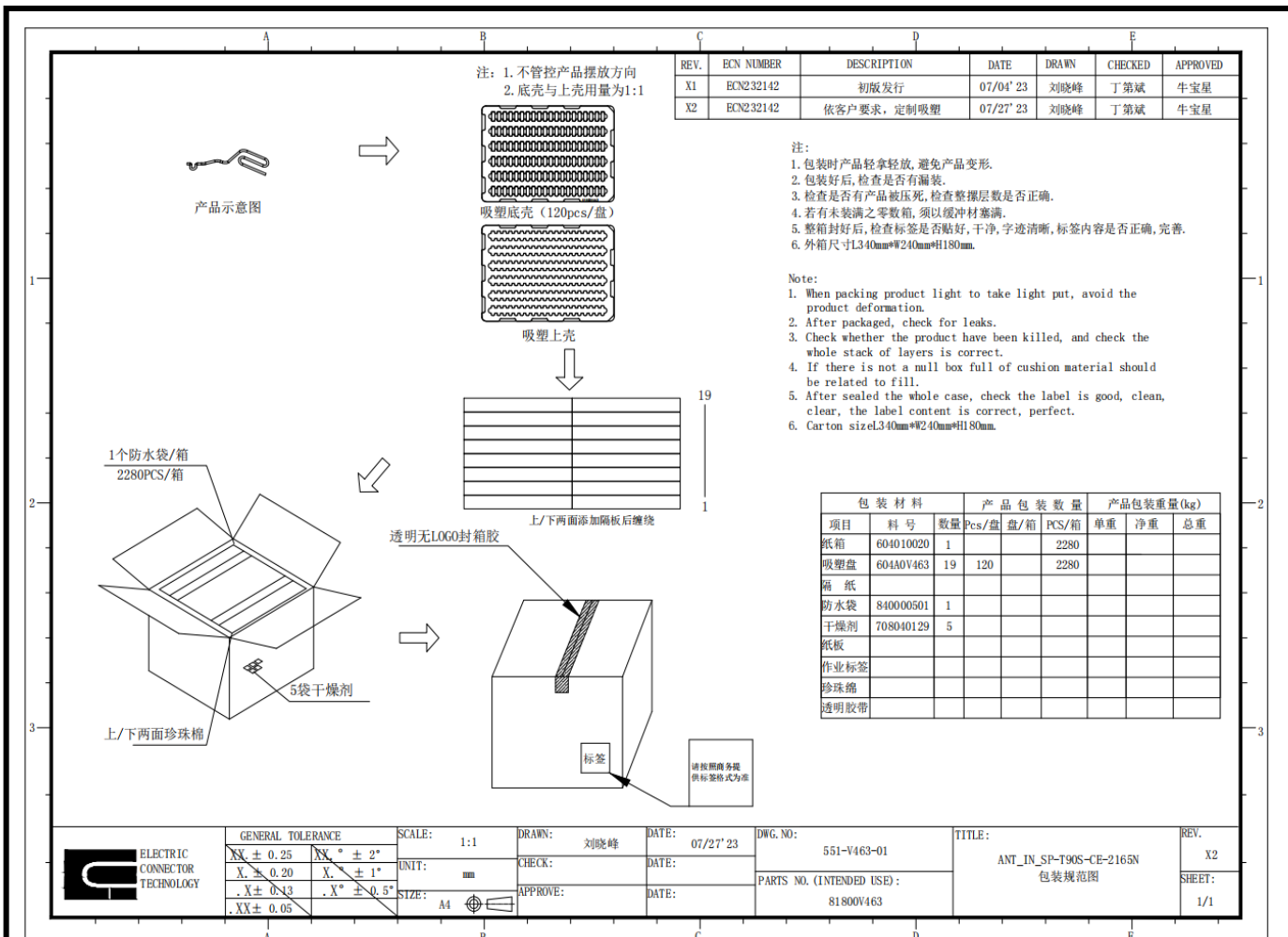
Rev.No	Issued Date	Description	Summary
V1.0	10-July-23	initial release	
V1.1	18-Sep-23		Update blister packaging

2. Introduction

2.1 Introduction of Product

This product is a steel wire BT antenna welded to a PCB

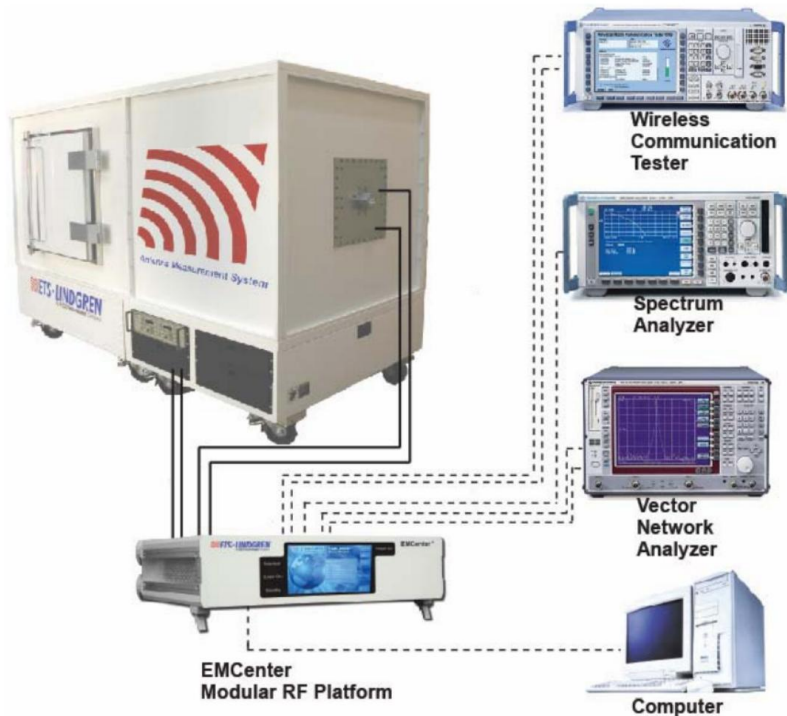
2.2 Specification and Dimension



3. Electrical Characteristics

3.1 Test equipment:

VECTOR NETWORK ANALYZER
Agilent E5071c
Antenna Measurement System
ETS-Lindgren Antenna Measurement System

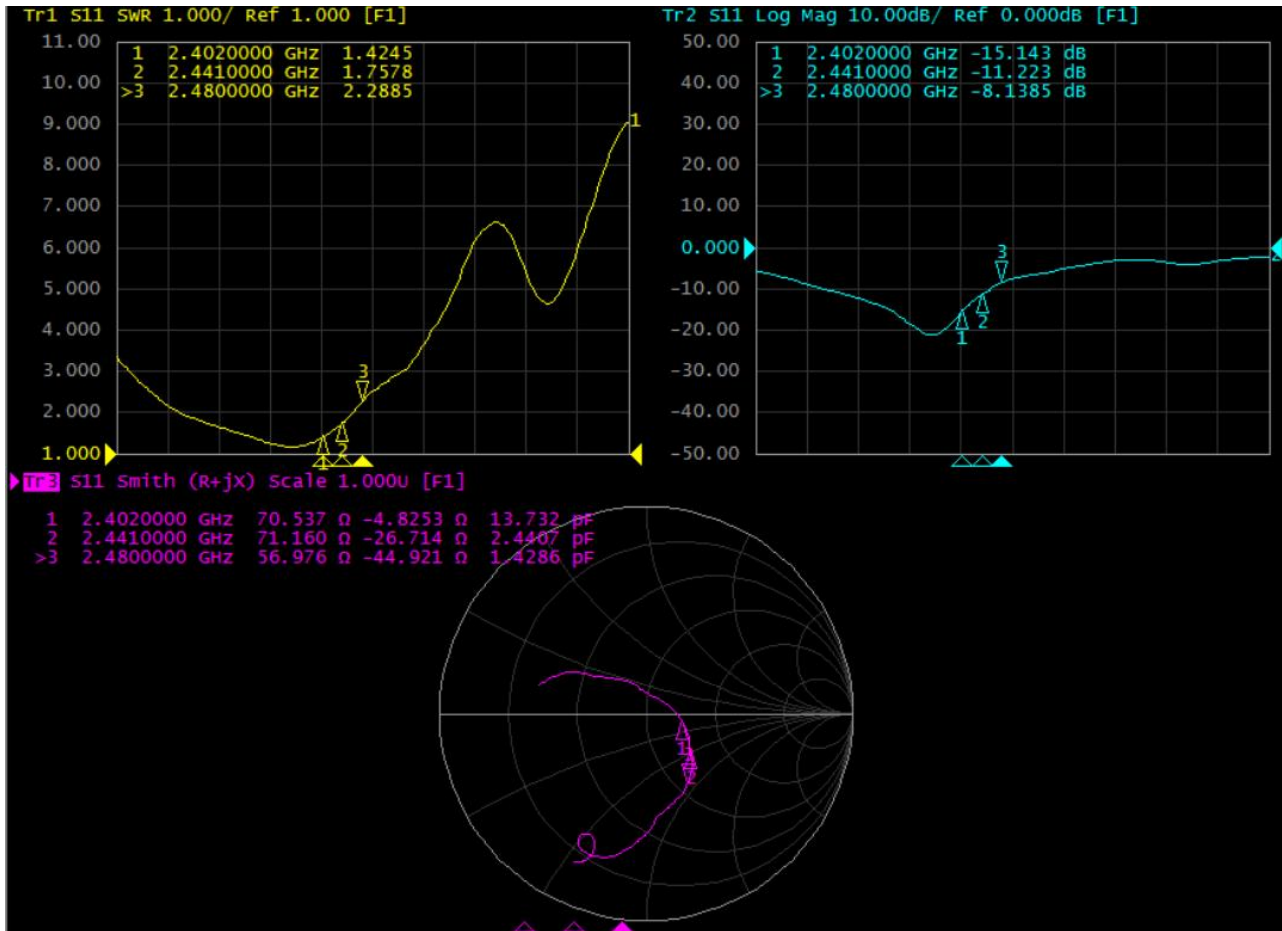


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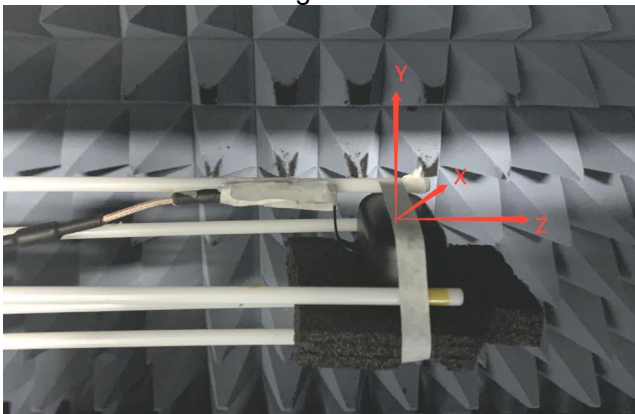


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3.2 Antenna S11 parameters

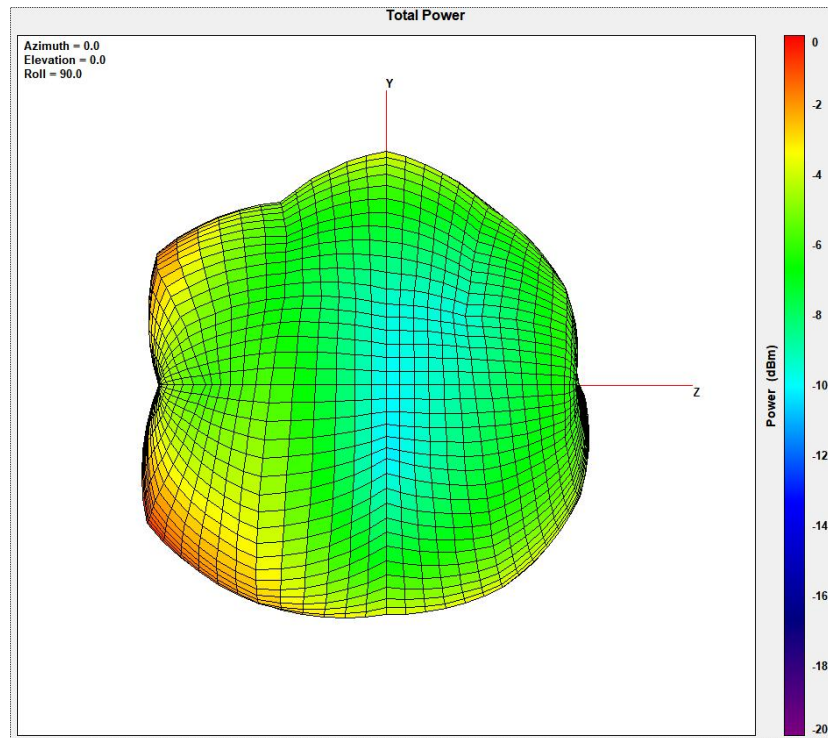


3.3 Antenna Test Settings:

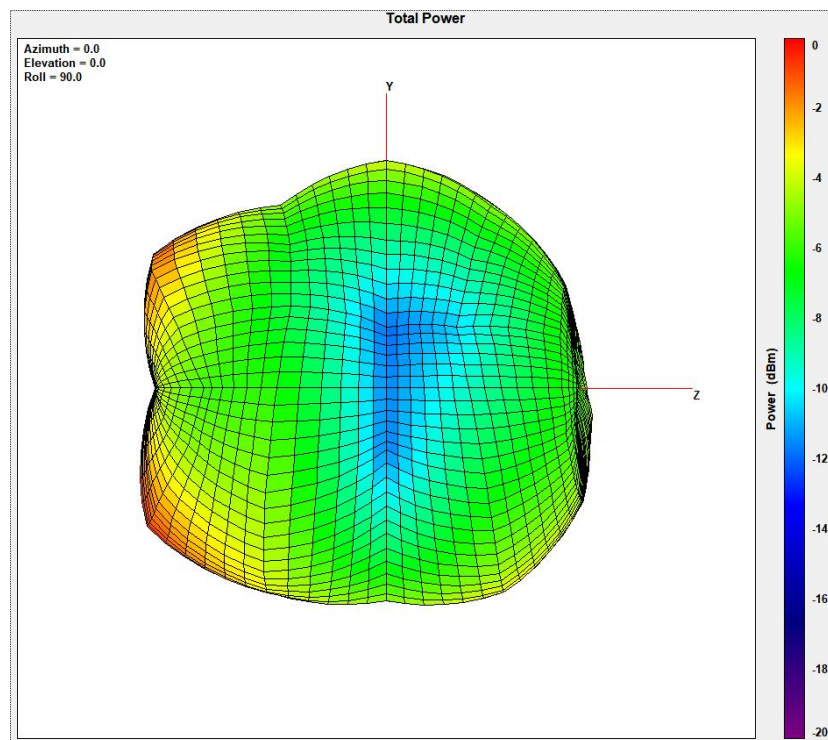


3.4 3D Radiation Pattern :

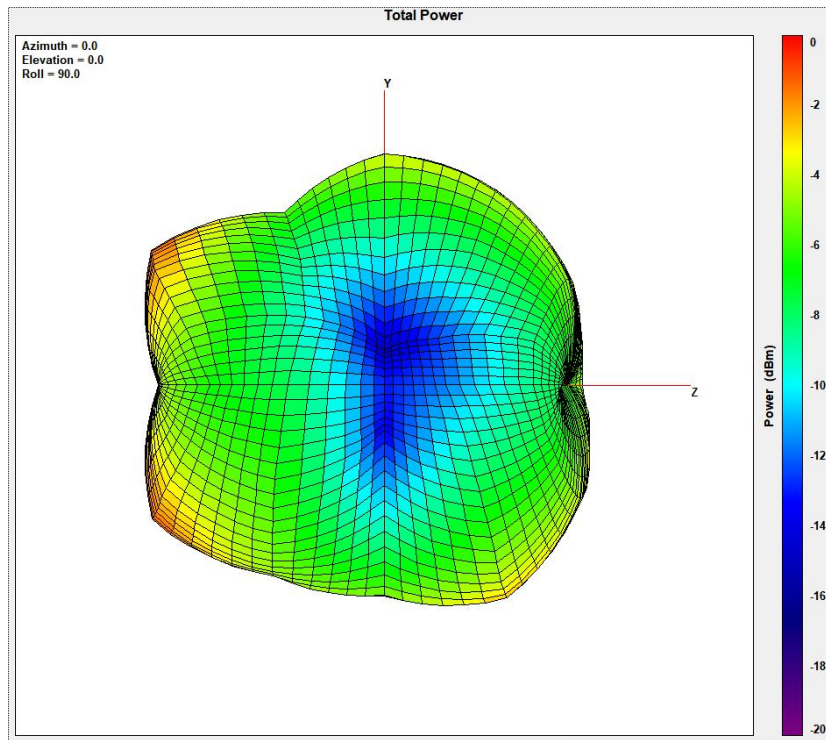
2402MHz



2441MHz



2480MHz



3.5 Electrical Characteristics:

Antenna Model Name	Stainless steel wire antenna
Working Frequency Range	2450+/-50MHz
Impedance	50Ω
Max Efficiency(%)	38.32%@2413MHz
Max peak Gain(dBi)	-0.01dBi@2441MHz
Max Average Gain(dBi)	-4.16dBi@2413MHz

Frequency(MHz)	Efficiency (%)	Average Gain(dBi)	Peak Gain (dBi)
2402	37.87	-4.21	-0.23
2441	36.28	-4.40	-0.01
2480	35.27	-4.52	-0.75