



福州市瀚宇正达电子有限公司

Word Easy Electronics Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 2024/09/23

Date

编号 24092301

File No

版本 1.0

Revision

客 户

星网

CUSTOMER:

客户料号

425HD

CUSTOMER NO:

品 名

BT Antenna L=138mm MHF

PART NAME:

供方料号

WE007N.F0171.V01

SUPPLIER NO:

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

工程专用章
Hunter

Luo

Liu

WE-RD-F01-A



承认书项目表

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RoHS

Compatible

REV.

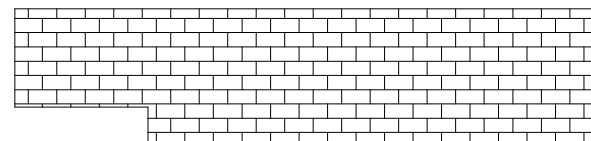
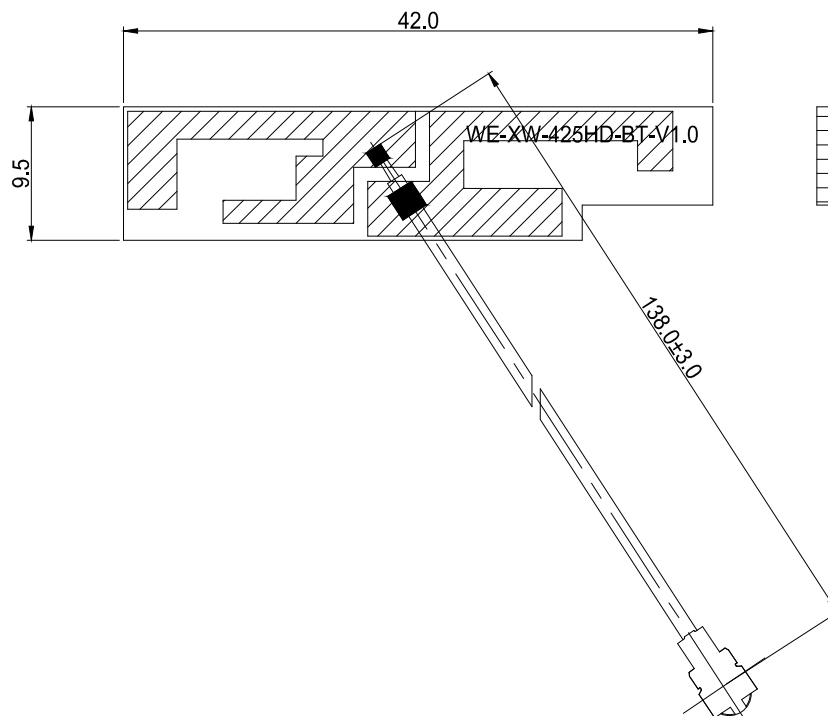
DESCRIPTION

DATE

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首次发行

2024.09.13



福州市瀚宇正达电子有限公司

World Easy Electronics Co.,Ltd.

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PART NAME: BT Antenna L=138mm MHF

PART NO.: WE007N.F0170.V01

DATE: 2024-09-13

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

UNITS: mm

SCALE: 1/1

REVISION: A

周红涛

X.X ±0.50

X.XX±0.15

X° ±3°

3	FPCB	42.0*9.5*T0.4MM	FPCB	FPC0405.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V01	1
1	Mini Connector	Au Plated 1代	Cu	MET0XD1.V01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



天线规格

Antenna Specification

Electrical Properties

Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 1.7 (Max)
Return Loss	≤ -11.0 (Max)
Radiation	Omni-directional
Gain (Peak)	≤ 2.9 dBi(Max)
Polarization	Linear
Connector	1代I-PEX

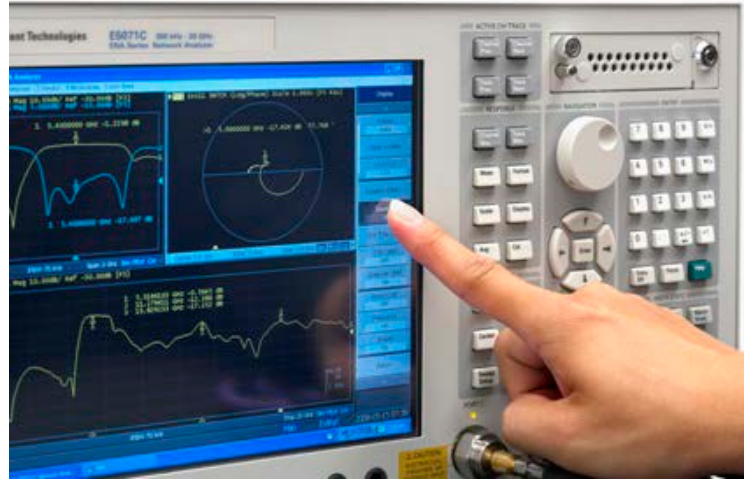
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=138mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

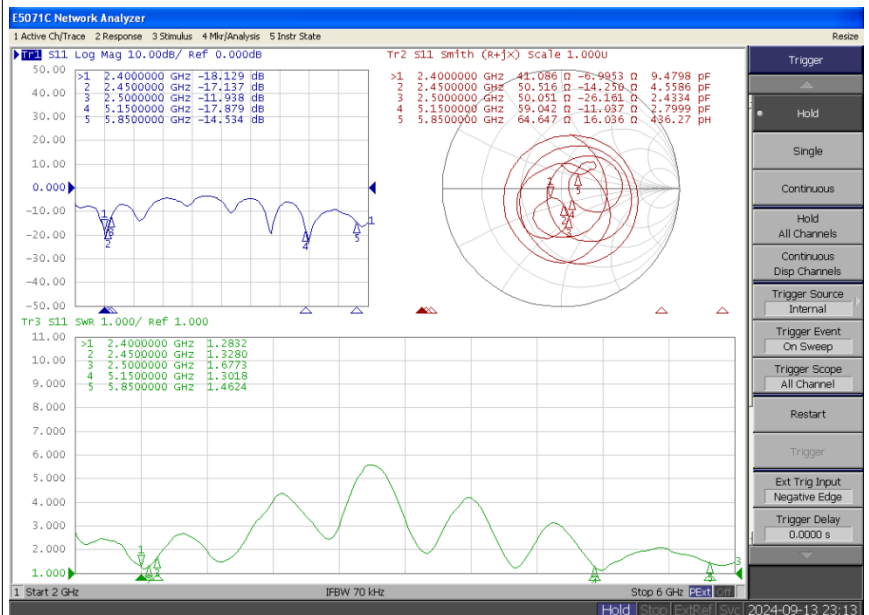


Antenna Performance Test

**Agilent
E5071C**

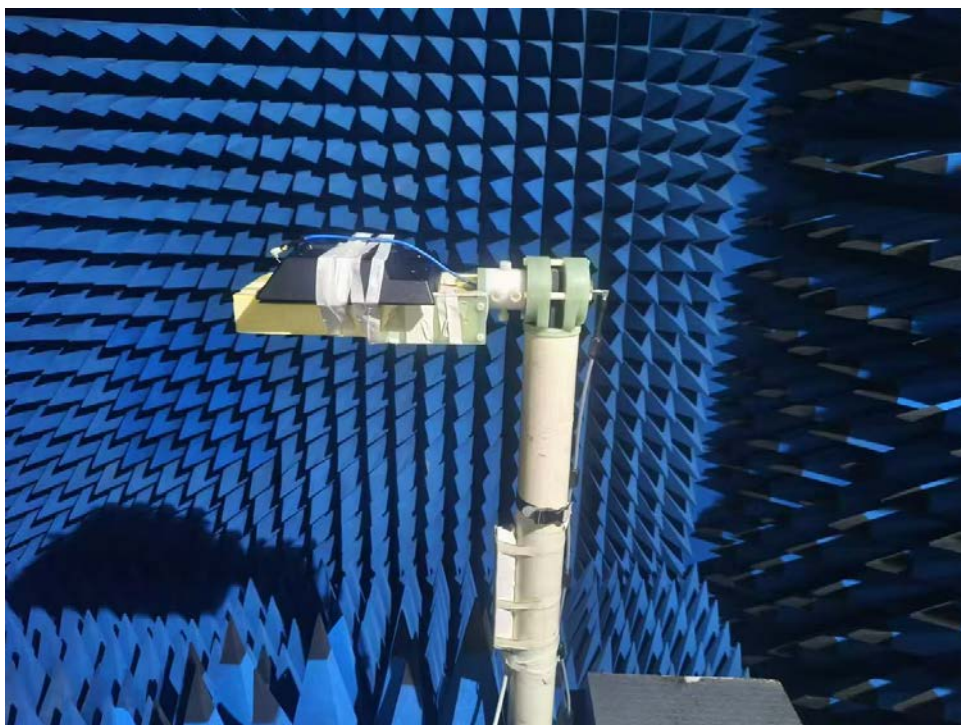
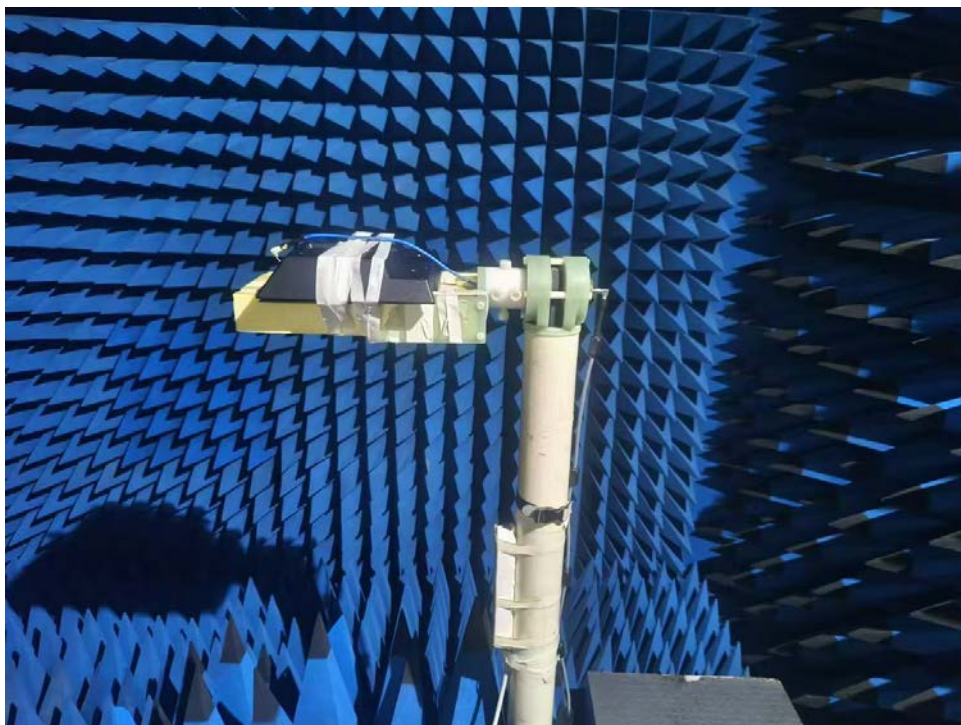


**S
Parameter
Test //
BT**





Antenna Passive Test





Passive Test For BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	68.3	-1.7	2.6
2410	73.7	-1.3	2.9
2420	71.7	-1.4	2.6
2430	75.4	-1.2	2.7
2440	69.5	-1.6	2.2
2450	71.7	-1.5	2.3
2460	70.1	-1.5	2.2
2470	71.3	-1.5	2.4
2480	74.4	-1.3	2.6
2490	75.8	-1.2	2.6
2500	75.4	-1.2	2.6



Assembly Drawing

BT Antenna

