



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 2023/10/12

Date

编号 23101201

File No

版本 1.0

Revision

客 户

CUSTOMER: _____

客户料号

A08

CUSTOMER NO: _____

品 名

BT Antenna L=35mm MHF

PART NAME: _____

供方料号

WE007N.F0145.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

RoHS

Compatible

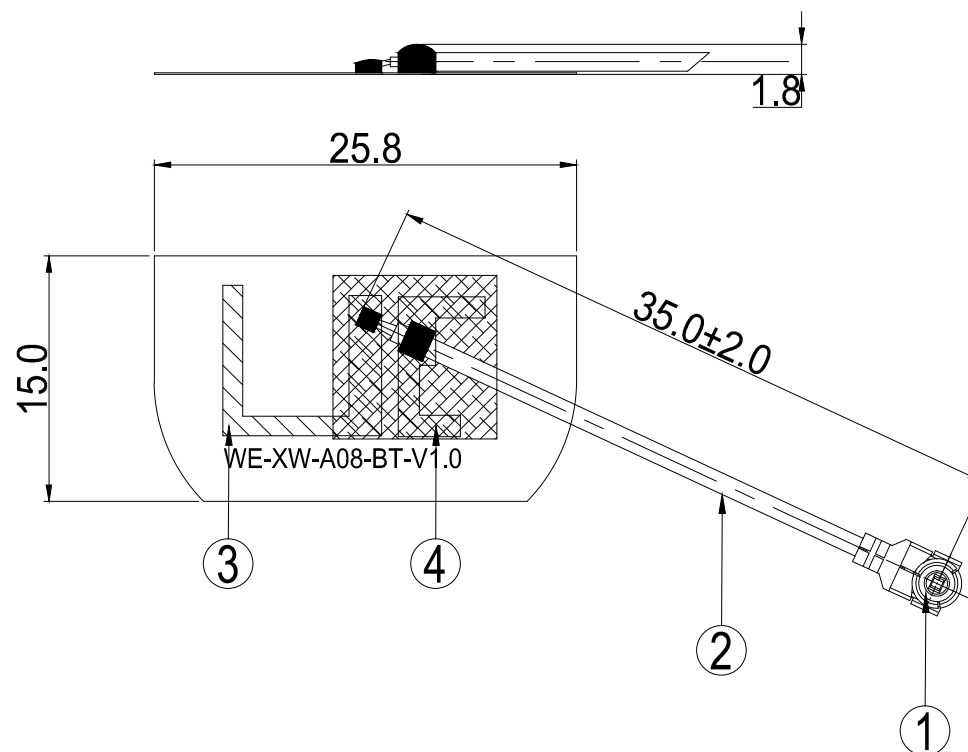
REV.

DESCRIPTION

DATE

A

2023.10.12



4	Acetate Cloth	10.0*10.0MM	Acetate Cloth	FAB0002.V01	1
3	FPCB	25.8*15.0MM	FPCB	FPC0343.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V02	1
1	Mini Connector	Au Plated 1	Cu	MET0XD1.V01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



福州市瀚宇正达电子有限公司

World Easy Electronics Co.,Ltd.

Tel :0591-22628085

Fax:0591-22627656

PART NAME: BT Antenna L=35mm MHF

PART NO.: WE007N.F0145.V01

DATE: 2023-10-12

APPROVED BY

CHECKED BY

DESIGNED BY



UNITS: mm

SCALE: 1/1

REVISION: A

Tolerance
X.X ±0.50
X.XX±0.15

X° ±3°



天线规格

Antenna Specification

Electrical Properties

Frequency	2400~2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 2.0
Return Loss	≤ -16
Radiation	Omni-directional
Gain (Peak)	$\leq -3\text{dBi}$
Polarization	Linear
Connector	1I-PEX

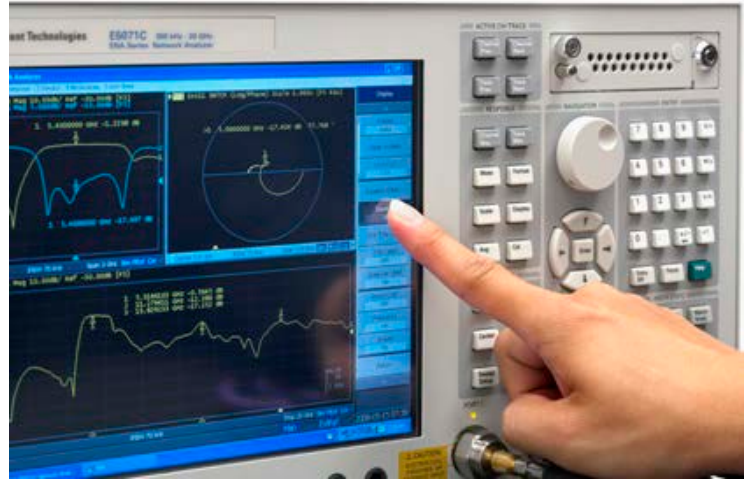
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=35mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

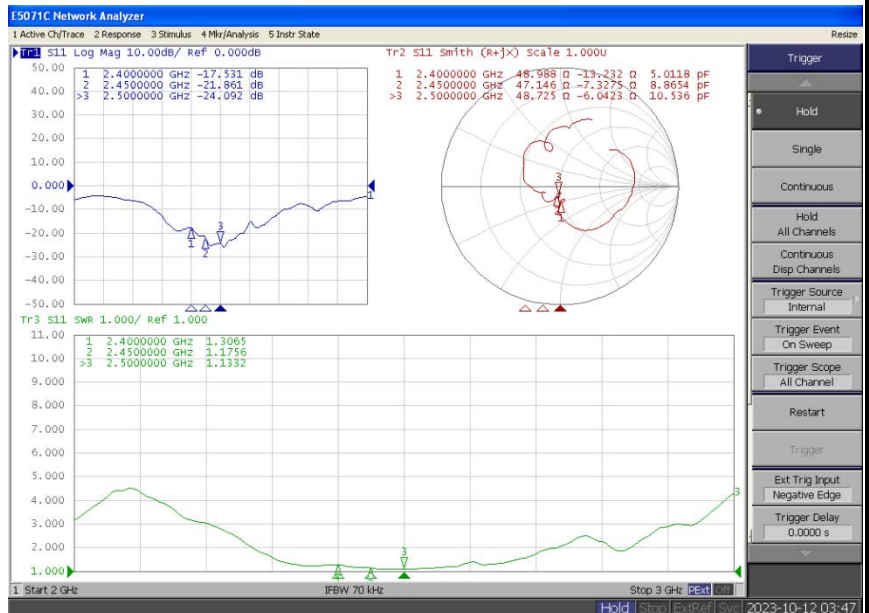


Antenna Performance Test

**Agilent
E5071C**

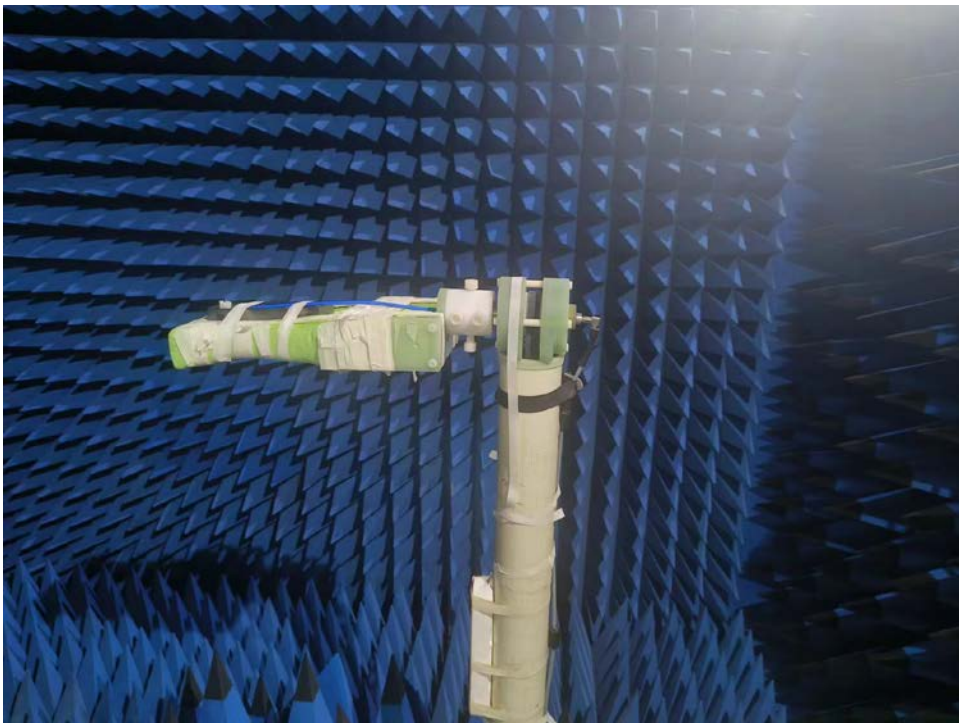
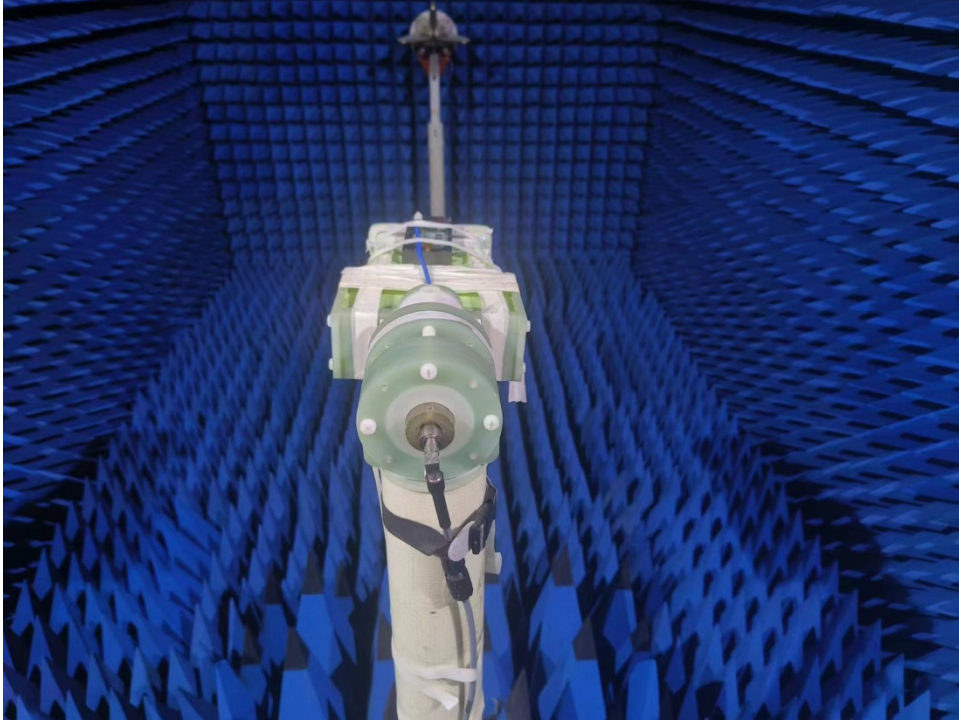


**S
Parameter
Test //BT**





Antenna Passive Test



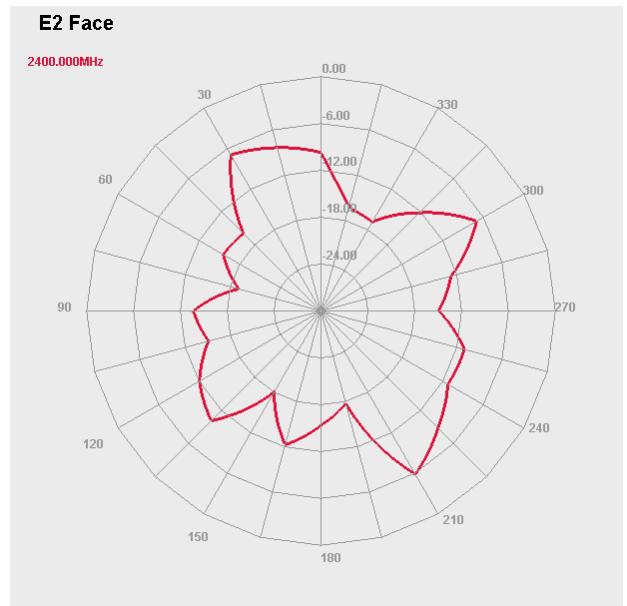
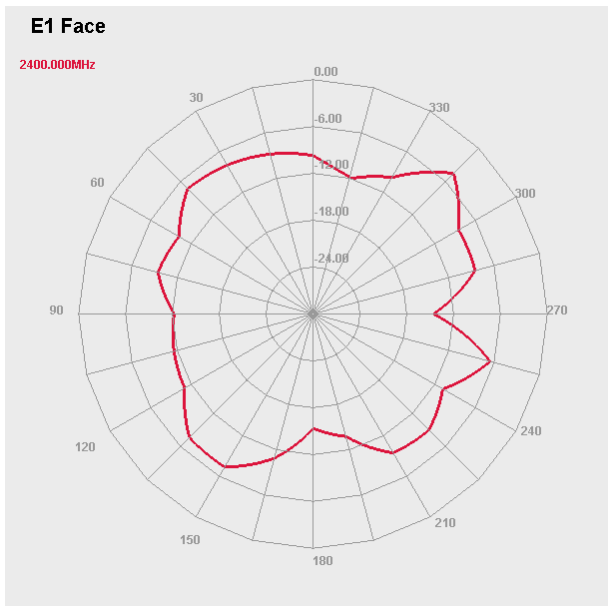
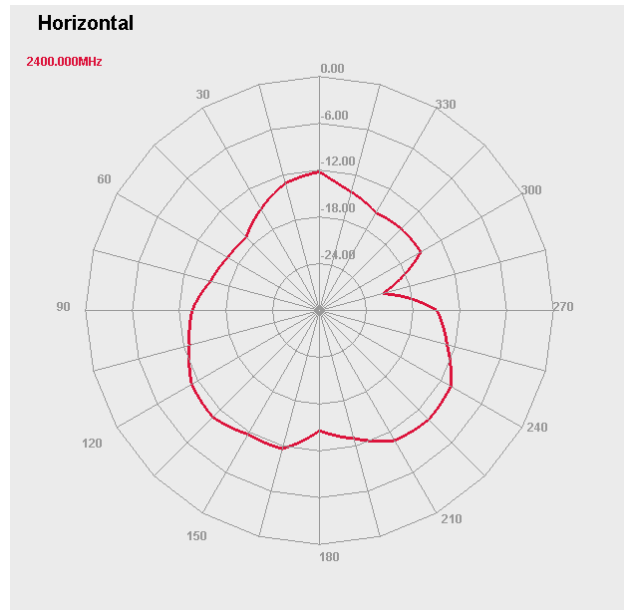
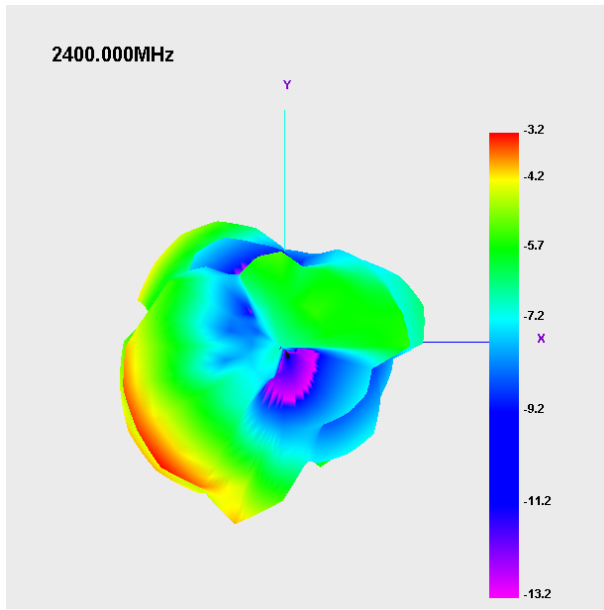


Passive Test For BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	10.4	-9.8	-3.2
2410	11.4	-9.4	-3.0
2420	10.7	-9.7	-3.5
2430	11.0	-9.6	-4.1
2440	10.9	-9.6	-4.3
2450	12.0	-9.2	-4.0
2460	12.6	-9.0	-3.8
2470	12.9	-8.9	-3.9
2480	14.2	-8.5	-3.2
2490	13.6	-8.7	-3.6
2500	14.9	-8.3	-3.1

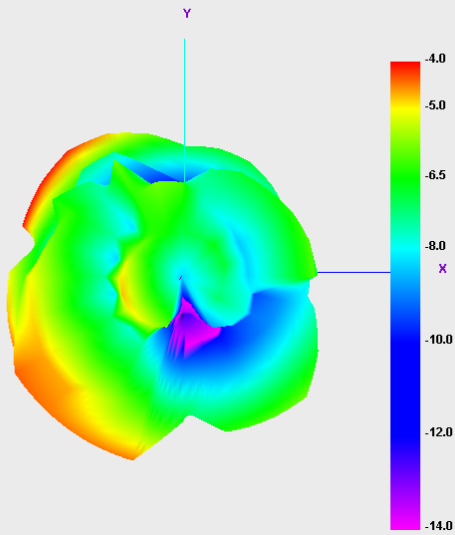


Antenna Radiation Pattern



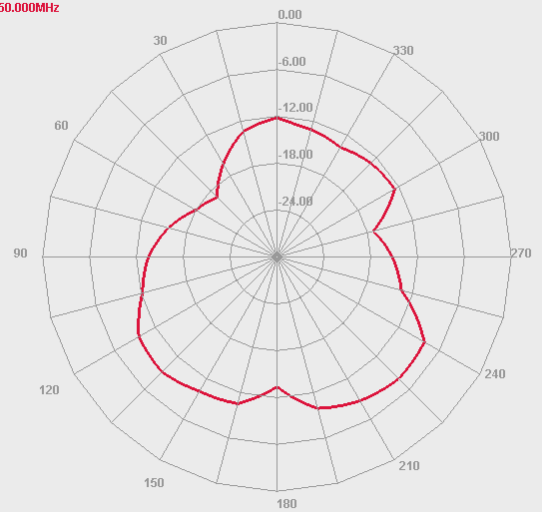


2450.000MHz



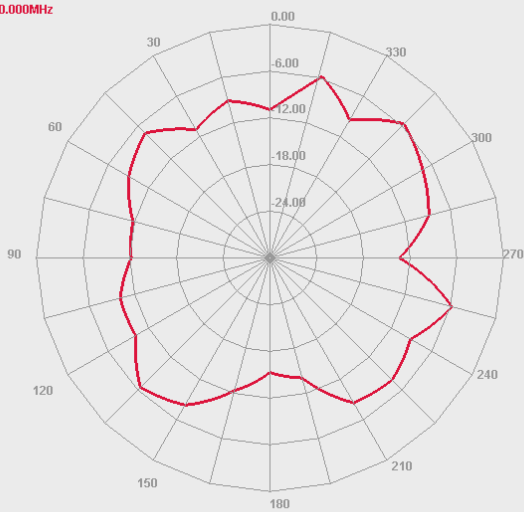
Horizontal

2450.000MHz



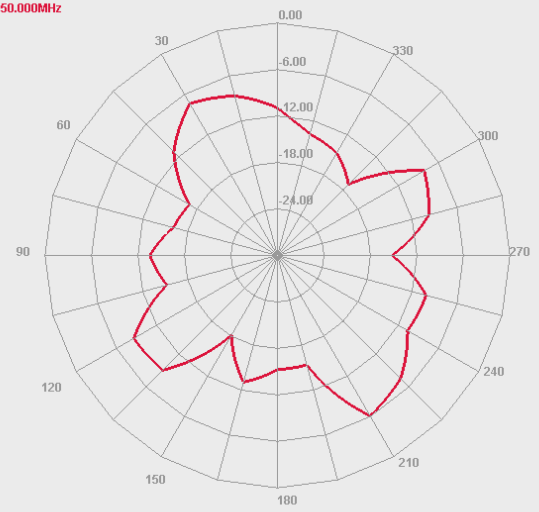
E1 Face

2450.000MHz



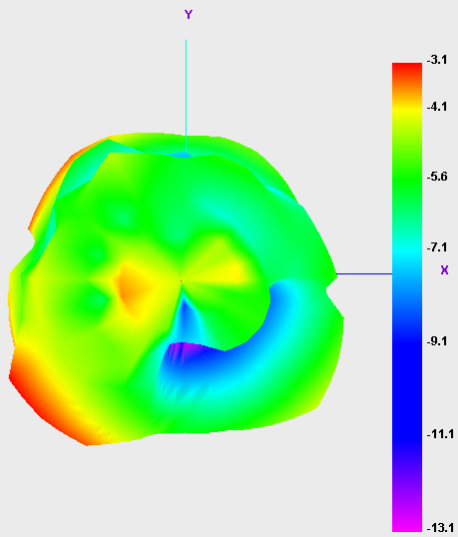
E2 Face

2450.000MHz



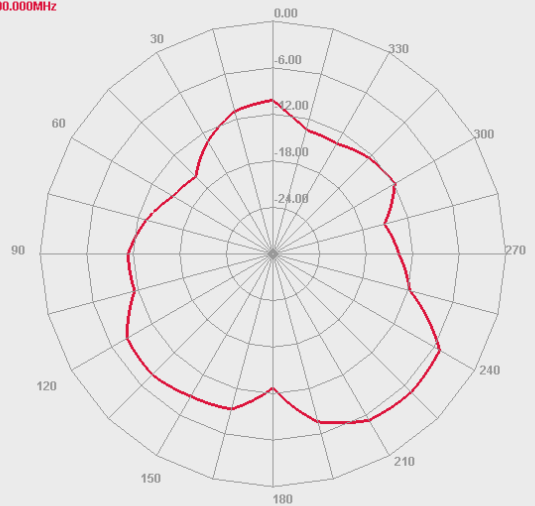


2500.000MHz



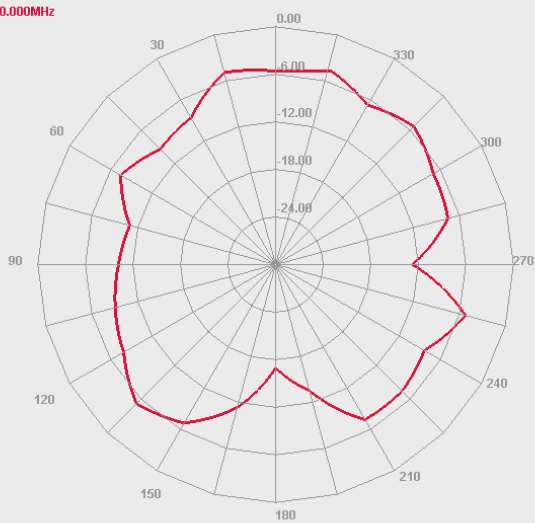
Horizontal

2500.000MHz



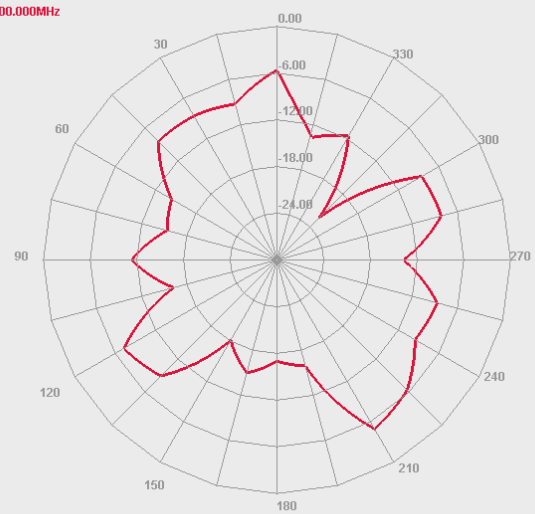
E1 Face

2500.000MHz



E2 Face

2500.000MHz



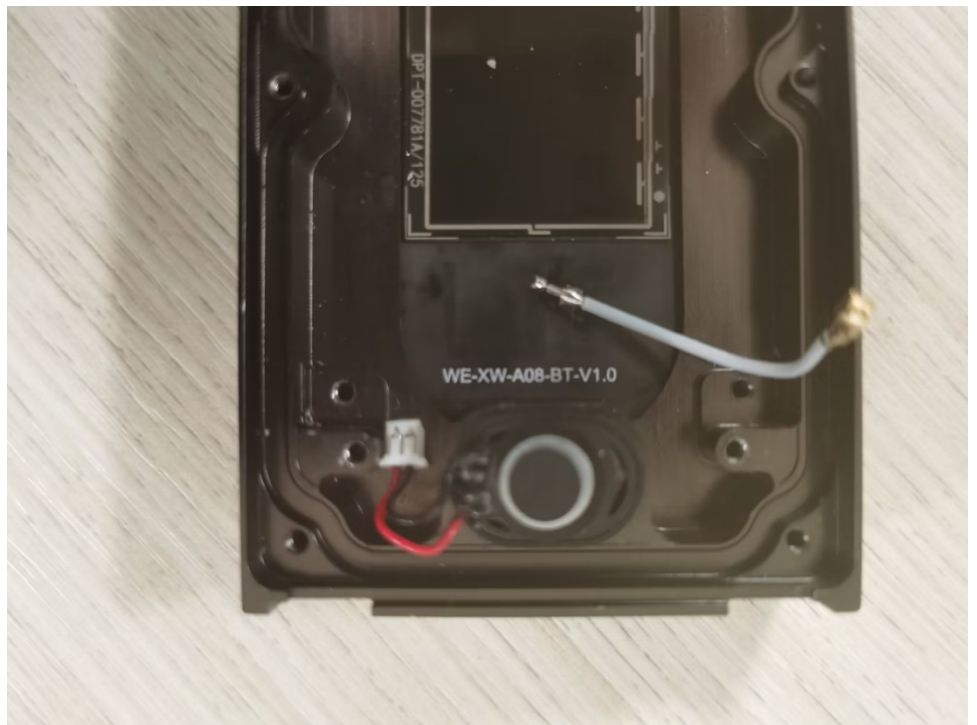


Antenna Profile

Device



*Antenna
BT*





Assembly Drawing

BT Antenna

