



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 2023/09/11

Date

编号 23091101

File No

版本 1.0

Revision

客户

NEXhome Smart Technologies Co.,Ltd.

CUSTOMER:

客户料号

DH-G910S

CUSTOMER NO:

品名

BT+NFC Antenna

PART NAME:

供方料号

WE007N.P0032.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

Hunter

Luo

Liu

WE-RD-F01-A



承认书项目表

Schedule of Deed Projects

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10	N/A	N/A	N/A
11	-	-	-
12	-	-	-

RoHS

Compatible

REV.

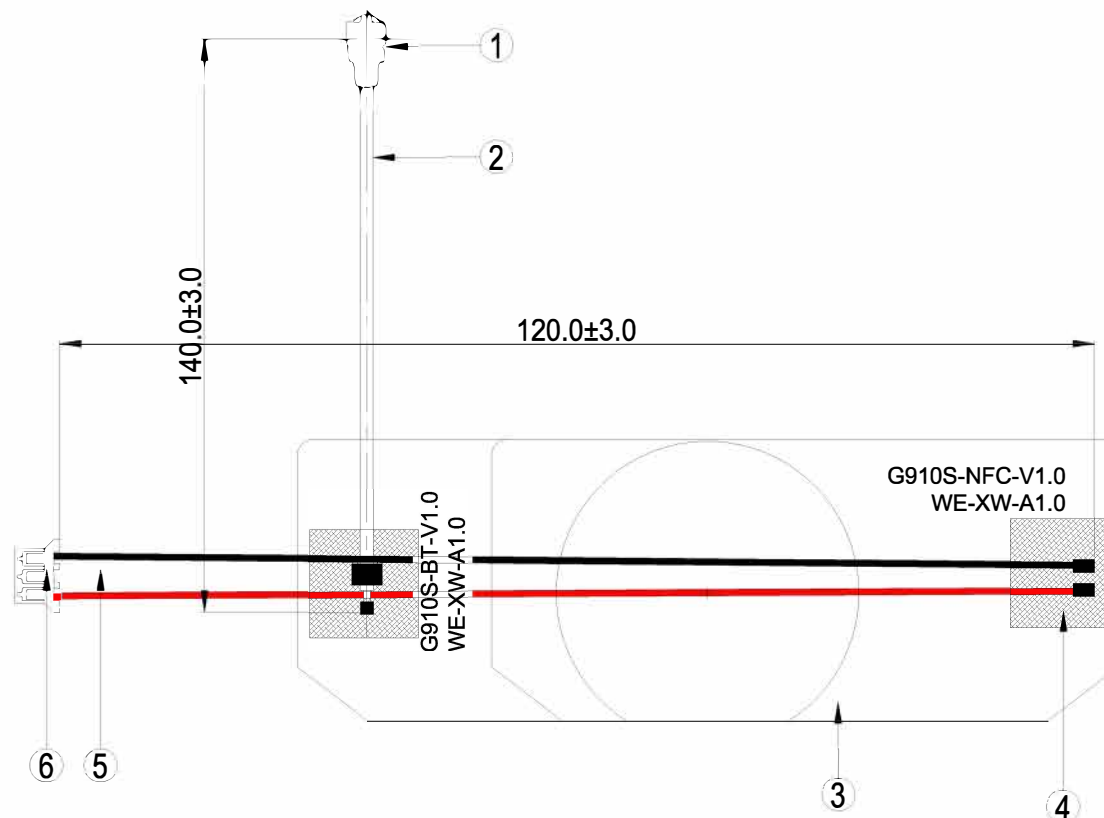
DESCRIPTION

DATE

A

2023.08.30

B



6	Connector	1.25-3Y	1.25-3Y	MET00XX.V01	1
5	Cable	28AWG Black+Red	28AWG	CAB0013.V01	1
4	Acetate Cloth	10.0*10.0MM	Acetate Cloth	FAB0001.V01	2
3	PCB Black	76.0*26.0*T1.6MM	PCB	PCB0078.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V02	1
1	Mini Connector	1代I-PEX	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+NFC Antenna

PART NO.: WE007N.P0032.V01

DATE: 2023-08-30

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	<1.6
Return Loss	<-13dB
Radiation	Omni-directional
Gain (Peak)	3.2dBi
Polarization	Linear
Connector	1st generation I-PEX 1.25-3Y

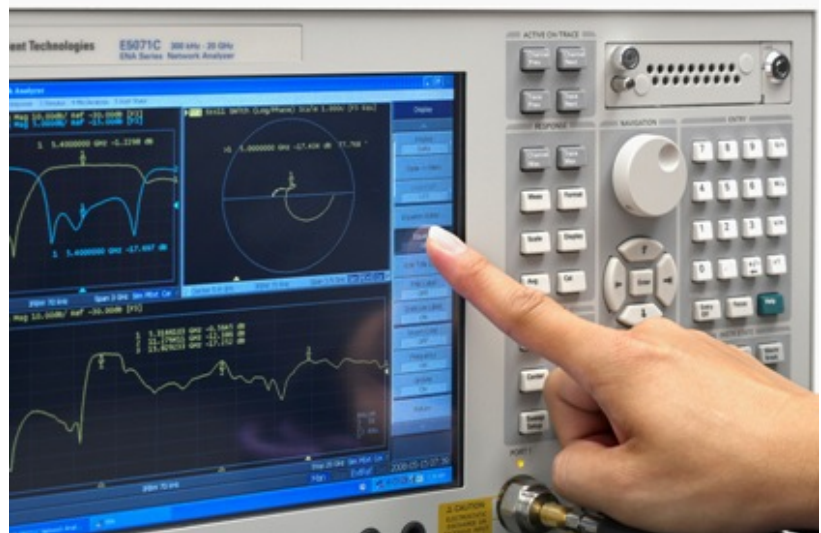
Physical Properties

Antenna Material	PCB
Cable Type	O.D.1.13//L=140mm 28AWG//L=130mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

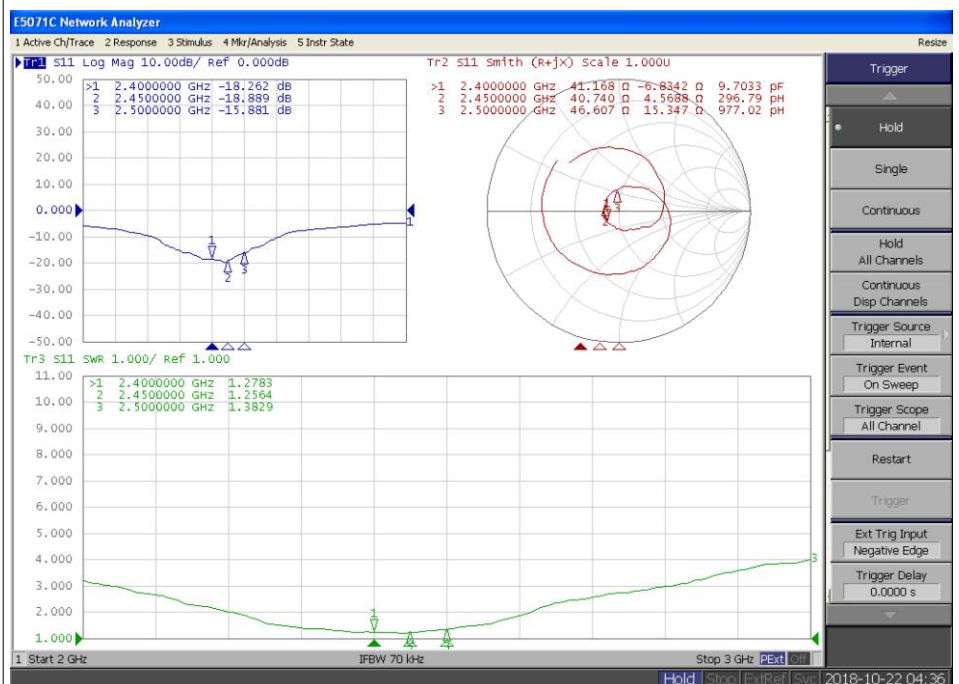


Antenna Performance Test

**Agilent
E5071C**

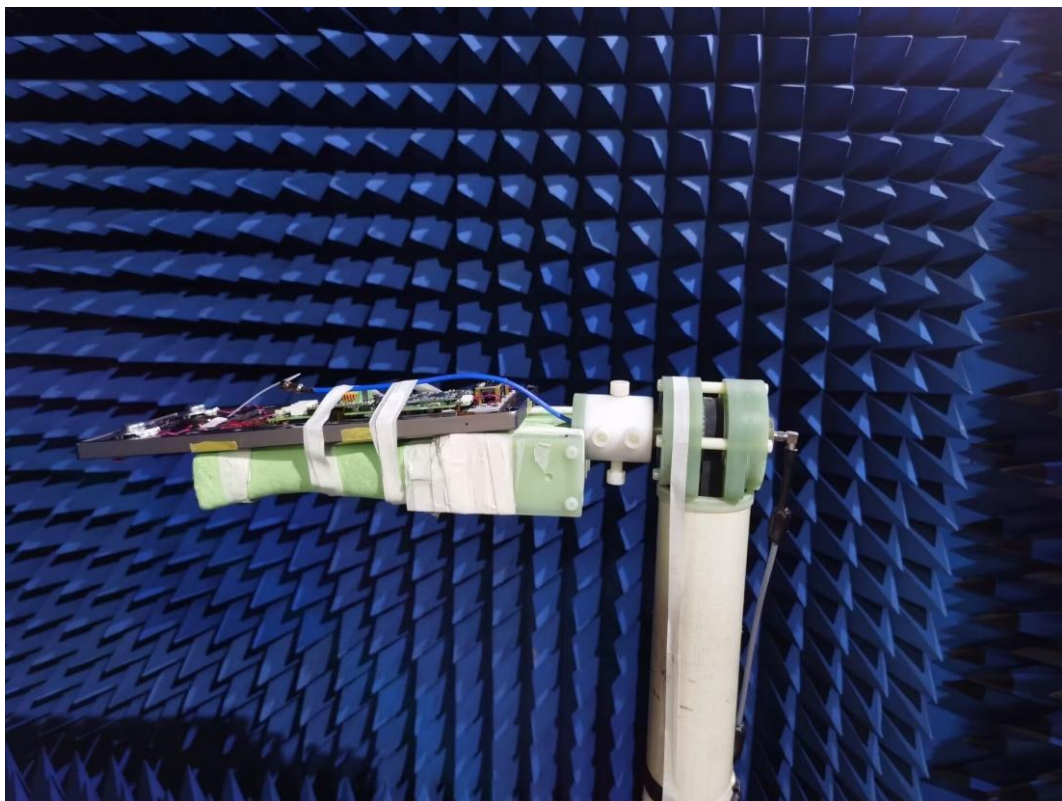
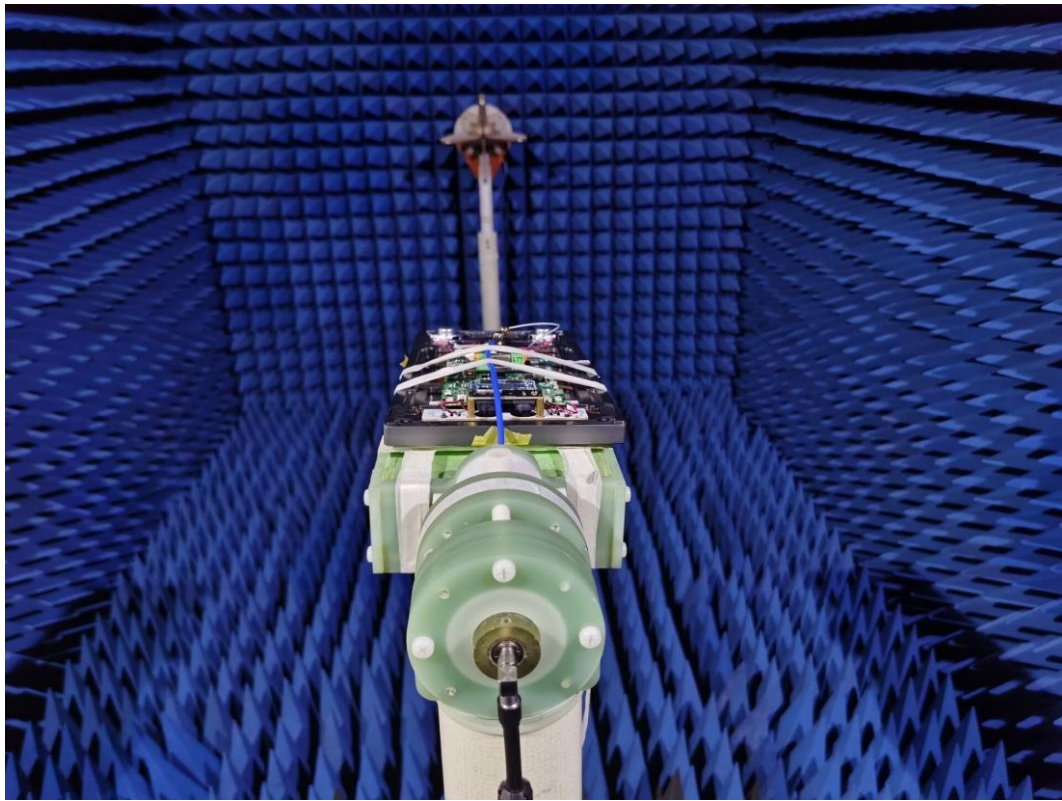


**S
Parameter
Test //
BT**





Antenna Passive Test



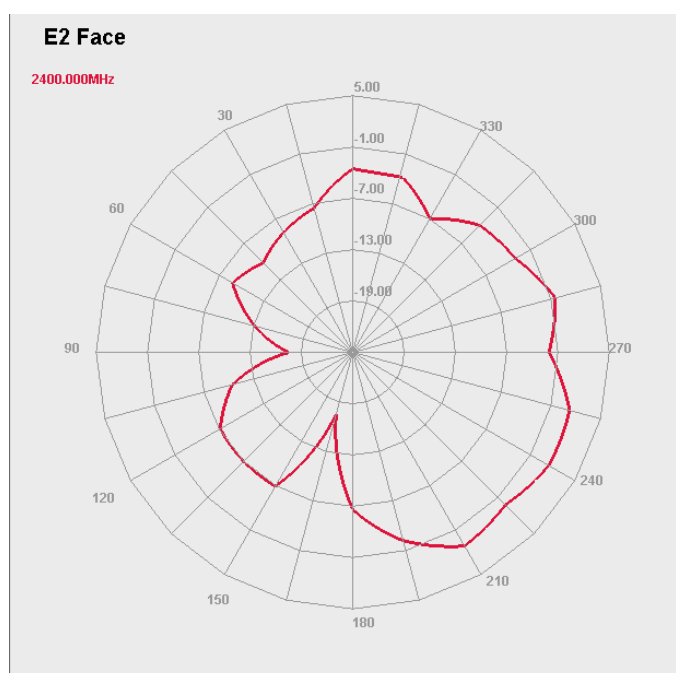
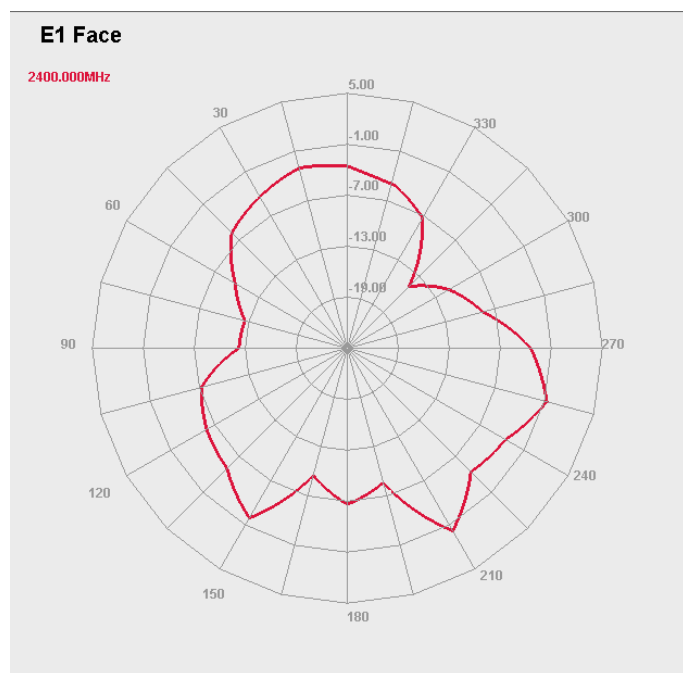
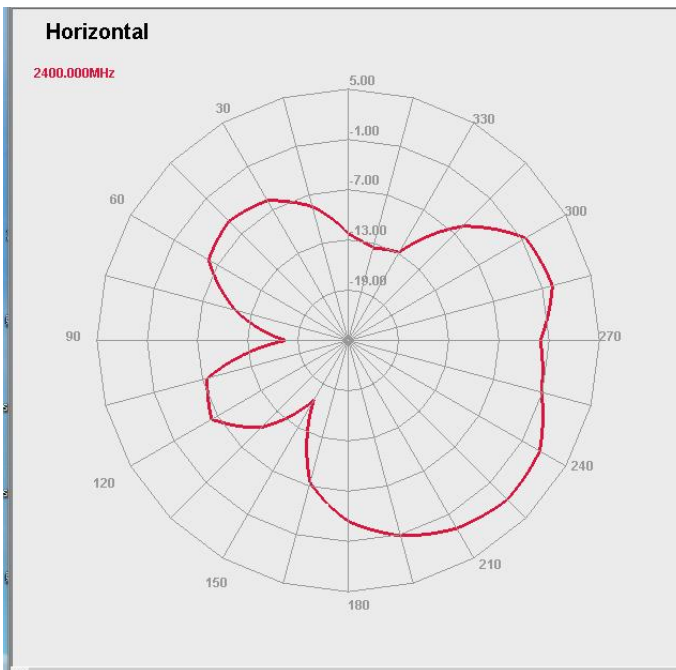
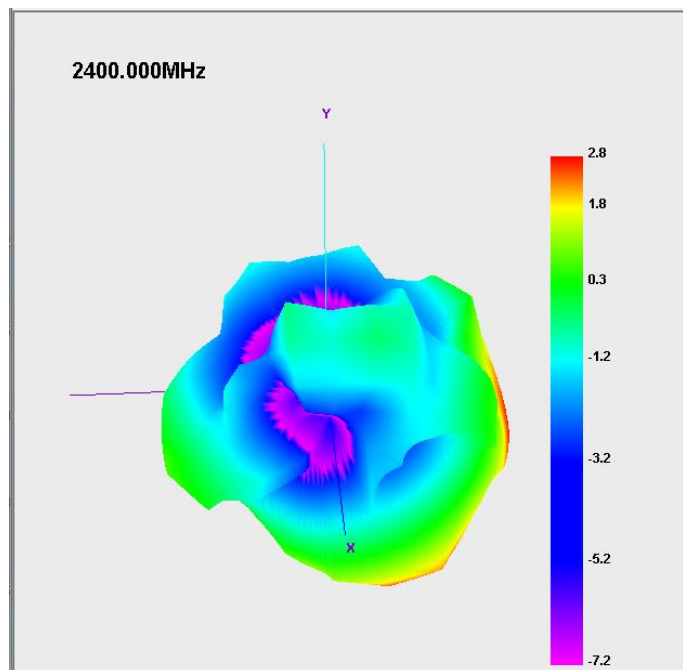


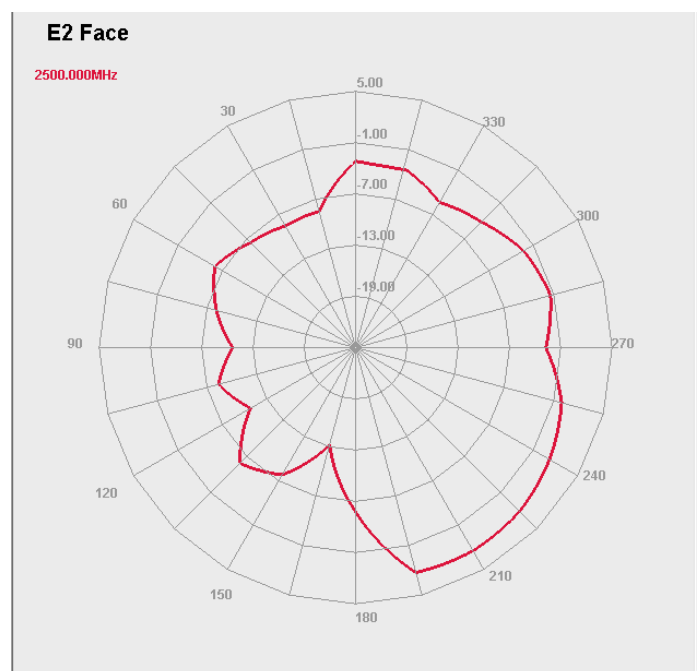
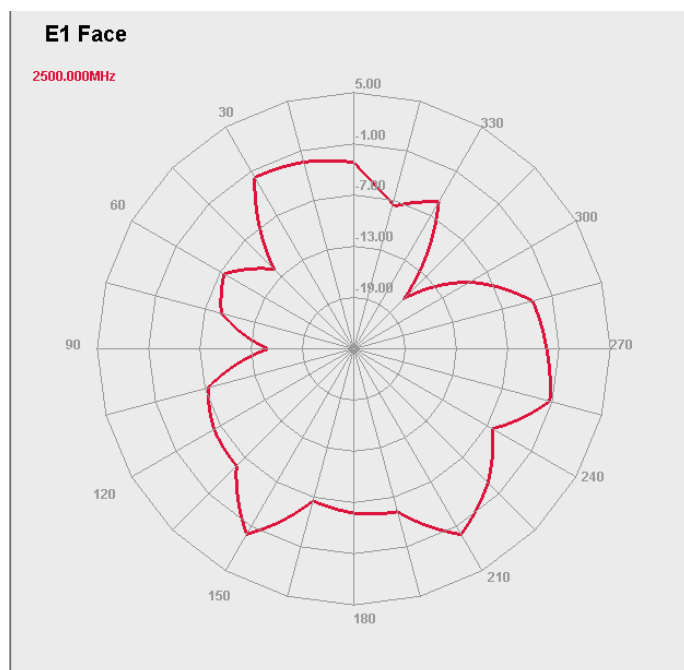
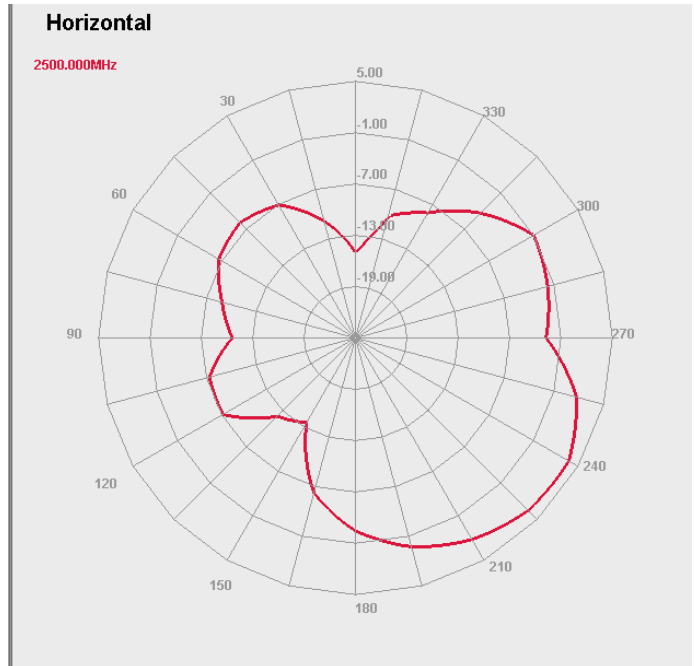
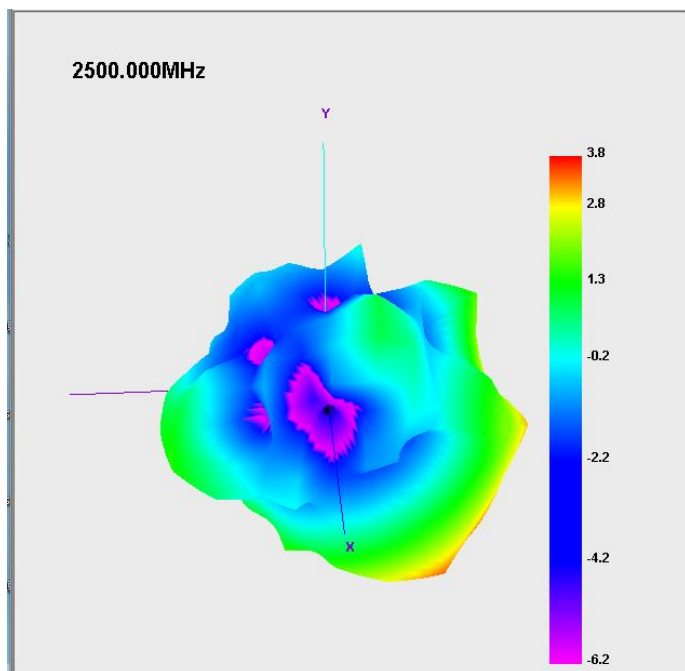
Passive Test For BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	30.5	-5.9	1.8
2410	34.4	-5.5	2.1
2420	27.8	-6.2	1.5
2430	33.0	-5.7	2.0
2440	28.2	-6.2	1.4
2450	36.7	-5.3	2.3
2460	31.8	-5.8	1.9
2470	39.8	-5.0	2.8
2480	35.3	-5.4	2.4
2490	43.4	-4.7	3.2
2500	39.0	-5.1	2.8



Antenna Radiation Pattern





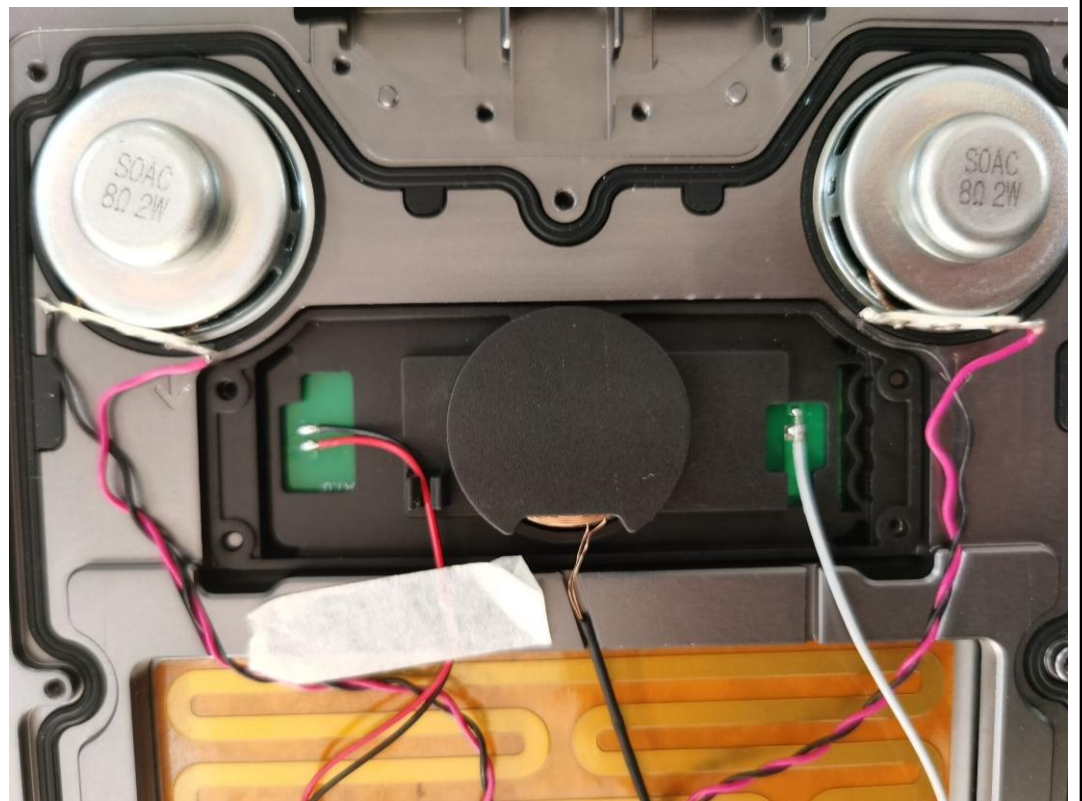


Antenna Profile

Device



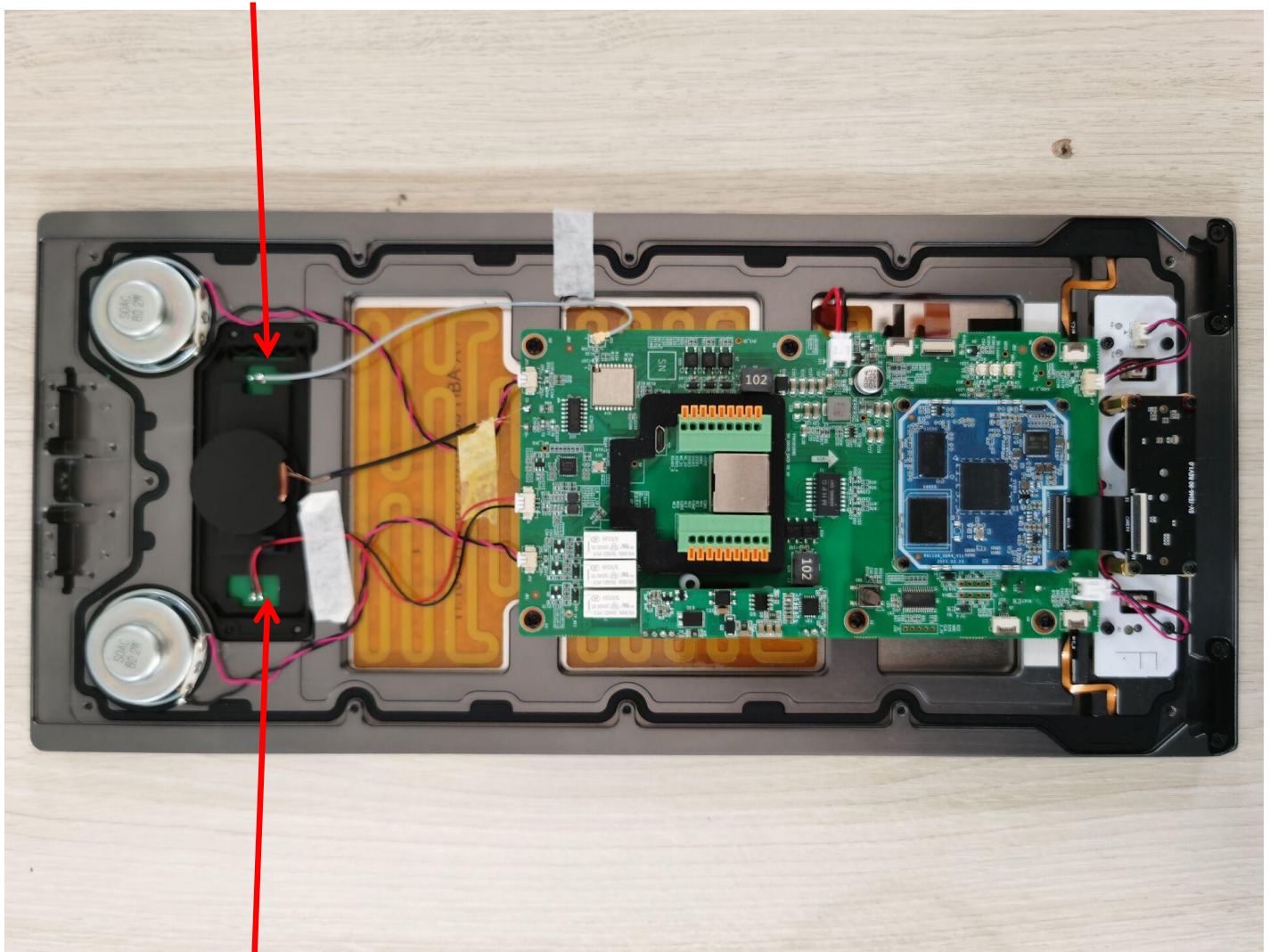
*Antenna
BT*





Assembly Drawing

BT Antenna



NFC Antenna