



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 2021/12/29

Date

编号 21122901

File No

版本 1.0

Revision

客户 星网

CUSTOMER:

客户料号 X912

CUSTOMER NO:

品名 BT Antenna L=65mm MHF

PART NAME:

供方料号 WE007N.F0113.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

Zhou Hongtao

Liang

WE-RD-F01-A

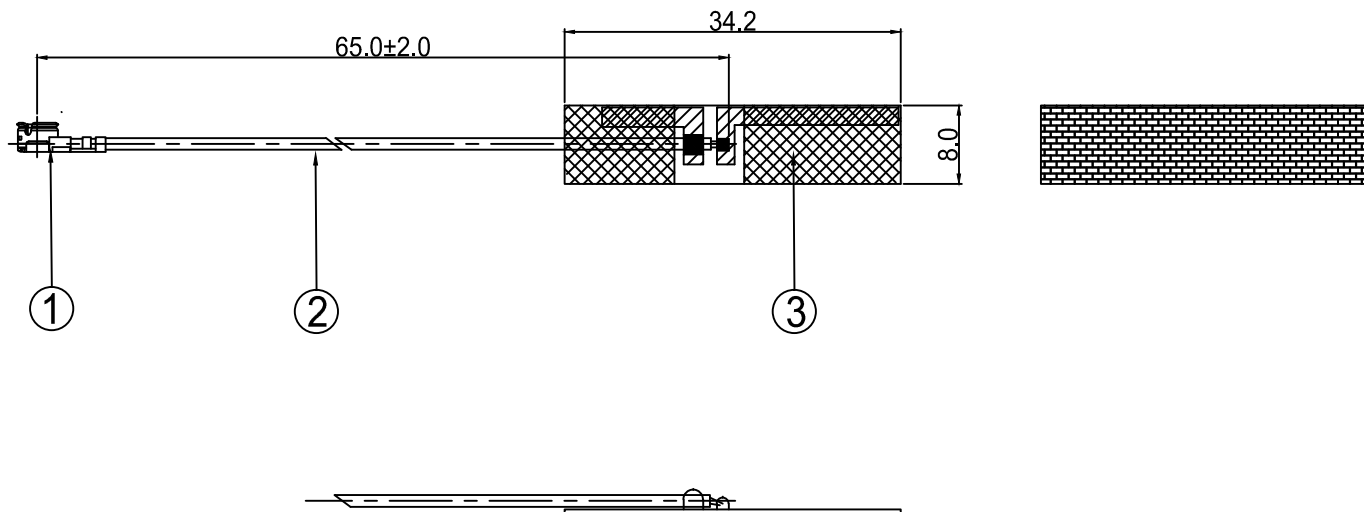


承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passive Test)	2	6 ~ 7
7	天线辐射场型 (Antenna Radiation Pattern)	3	8 ~ 10
8	天线装配图 (Antenna Profile)	2	11 ~ 12
9	RoHS报告 (RoHS Test Report)	**	**
10	N/A	N/A	N/A
11	-	-	-
12	-	-	-
13	-	-	-

RoHS
Compatible

REV.	DESCRIPTION	DATE
△	首次发行	2021.12.29



3	FPCB	34.2*8.0*T0.4MM	FPCB	FPC0278.V01	1
2	Coaxial Cable	O.D.1.13 Gray	O.D.1.13	CAB0113.V02	1
1	Mini Connector	Au Plated 1代	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=65mm MHF			DATE: 2021-12-29	
PART NO.: WE007N.F0113.V01				
APPROVED BY	CHECKED BY	DESIGNED BY	 Tolerance X.X ±0.50 X.XX±0.15 X° ±3°	
		周红涛		
UNITS: mm				
SCALE: 1/1				
REVISION: A				



天线规格

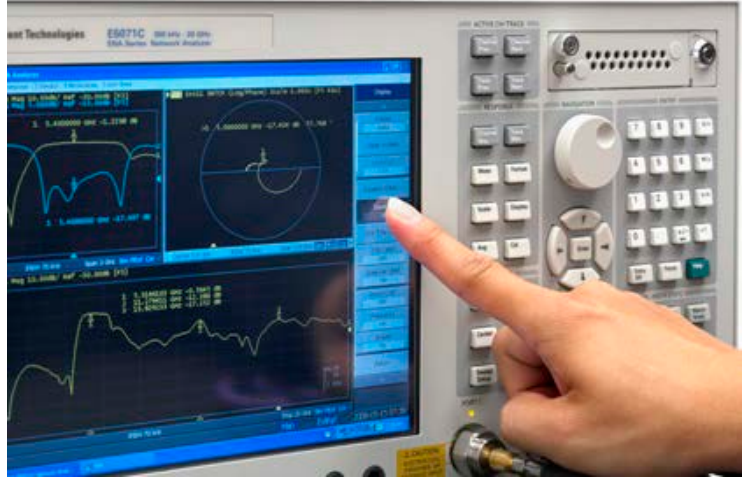
Antenna Specification

Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.5
Return Loss	<-13dB
Radiation	Omni-directional
Gain (Peak)	0.6dBi
Polarization	Linear
Connector	I-PEX
Physical Properties	
Antenna Material	FPC
Cable Type	O.D.1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

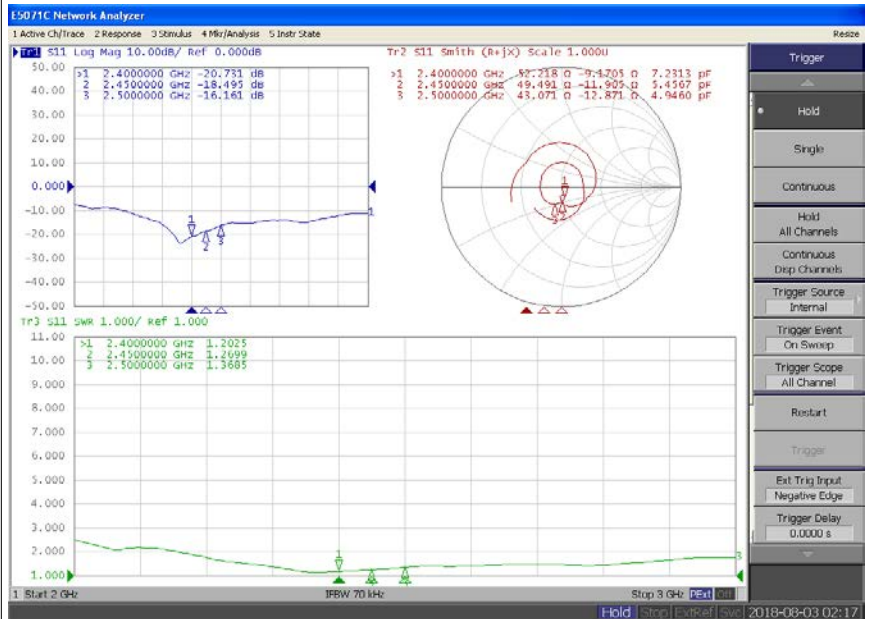


Antenna Performance Test

**Agilent
E5071C**

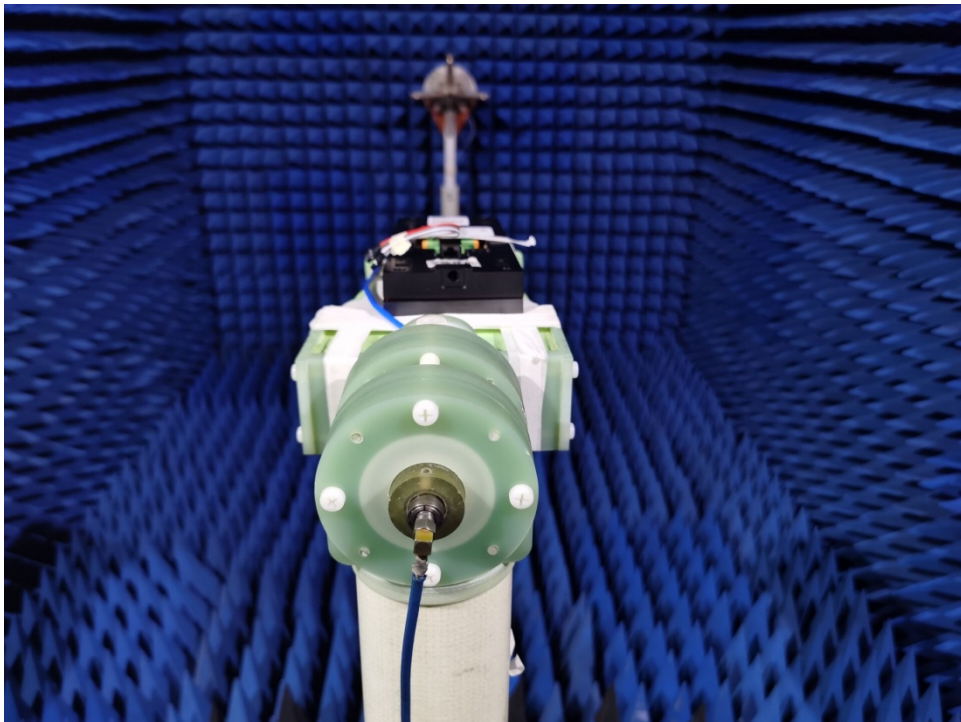
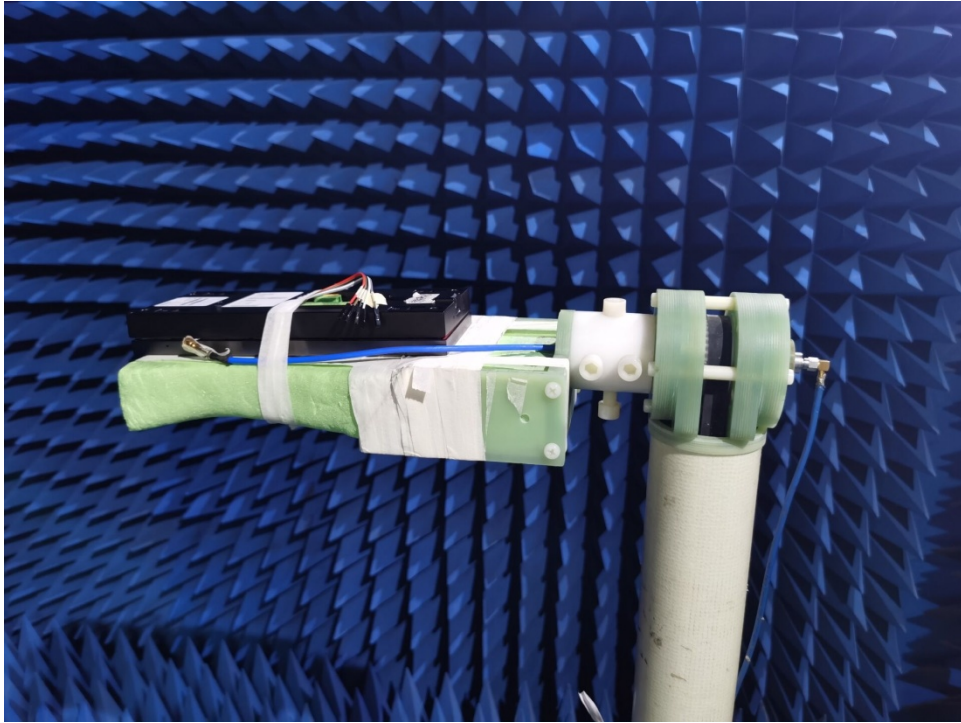


**S
Parameter
Test //
BT**





Antenna Passive Test





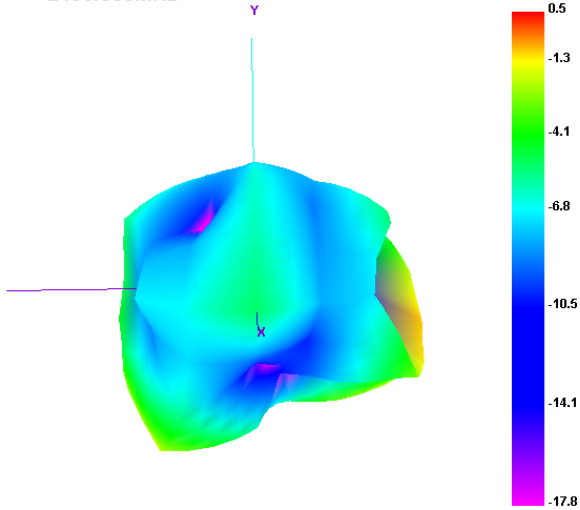
Passive Test For BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	25.5	-5.9	0.5
2410	26.2	-5.8	0.6
2420	25.3	-6.0	0.4
2430	22.4	-6.5	-0.2
2440	24.0	-6.2	0.1
2450	20.2	-6.9	-0.7
2460	22.3	-6.5	-0.4
2470	15.9	-8.0	-1.9
2480	17.7	-7.5	-1.6
2490	14.6	-8.4	-2.6
2500	17.6	-7.5	-2.1

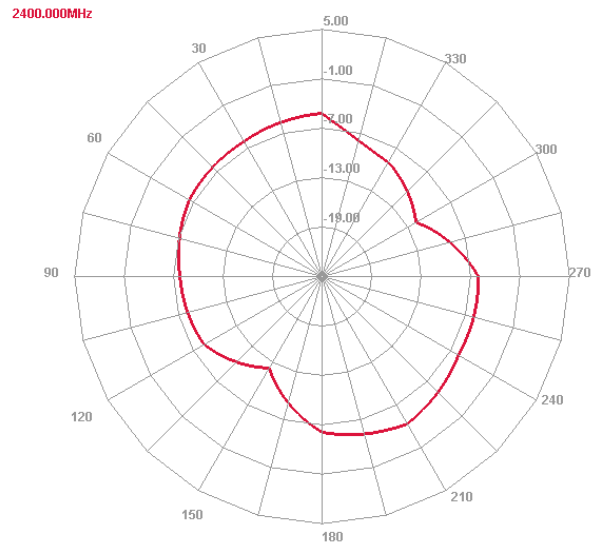


Antenna Radiation Pattern

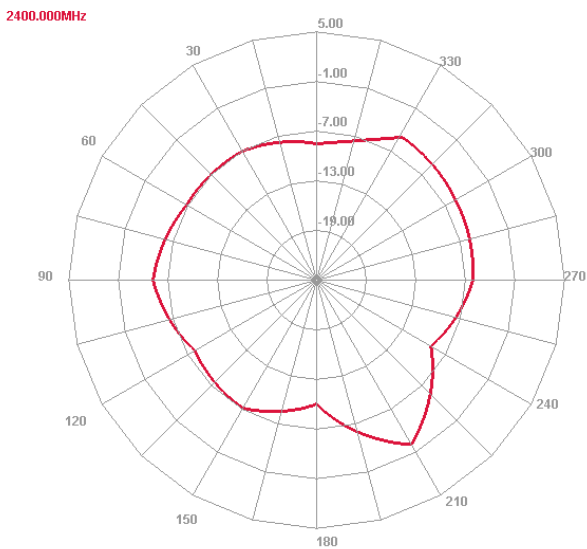
2400.000MHz



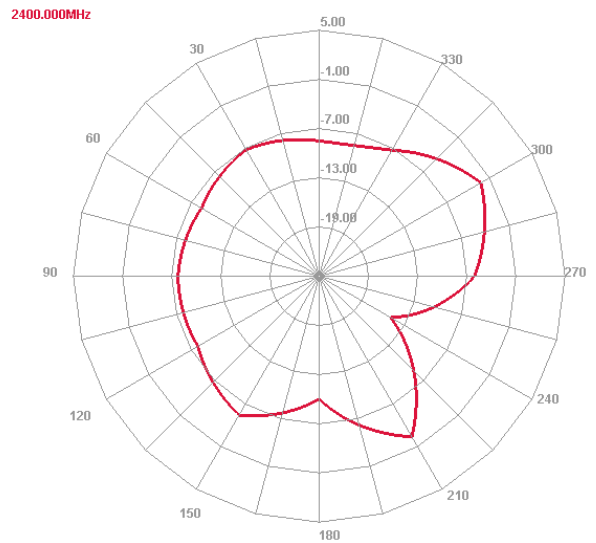
Horizontal



E1 Face

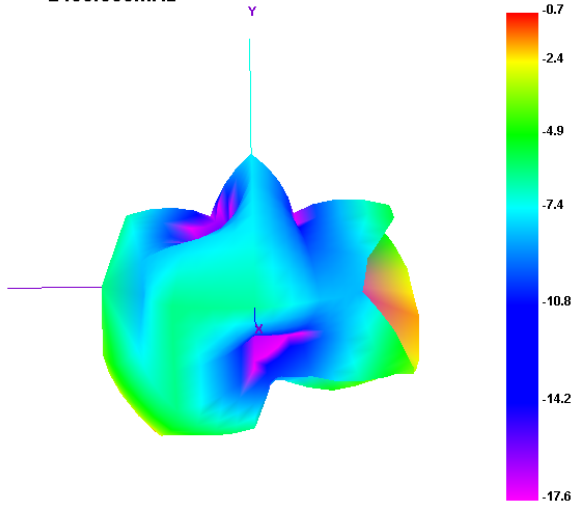


E2 Face



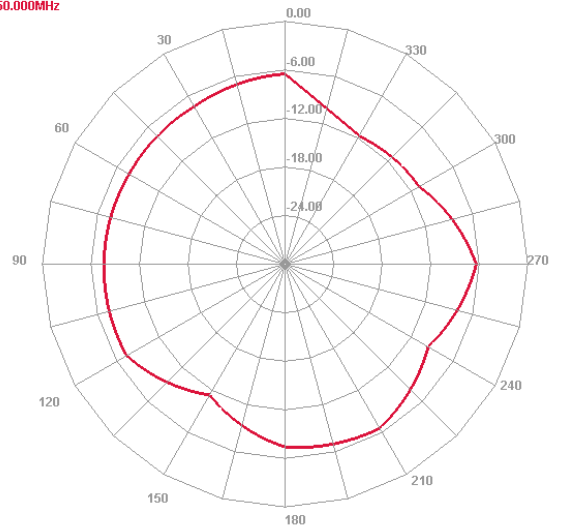


2450.000MHz



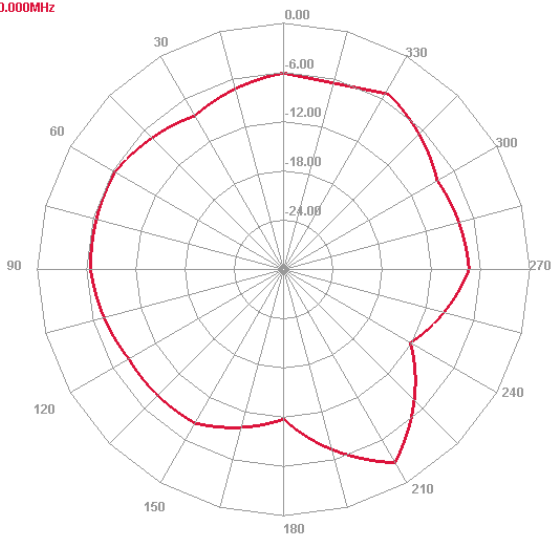
Horizontal

2450.000MHz



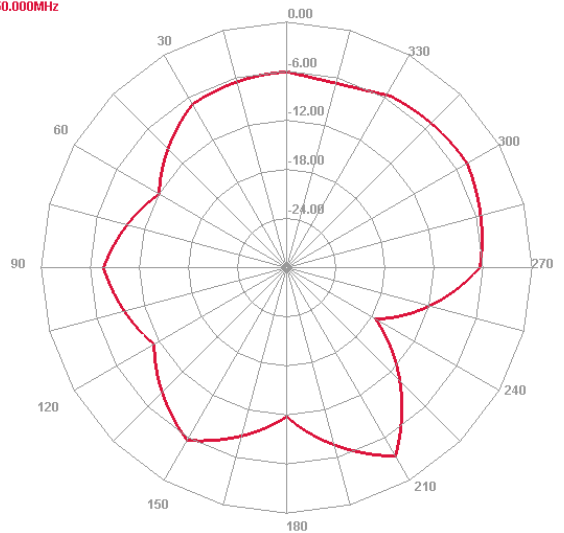
E1 Face

2450.000MHz



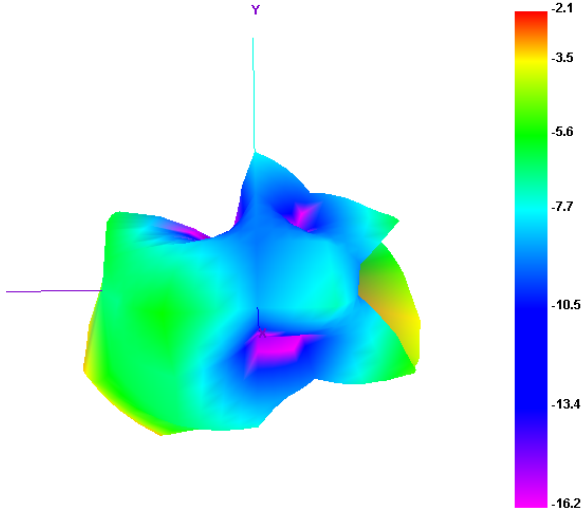
E2 Face

2450.000MHz



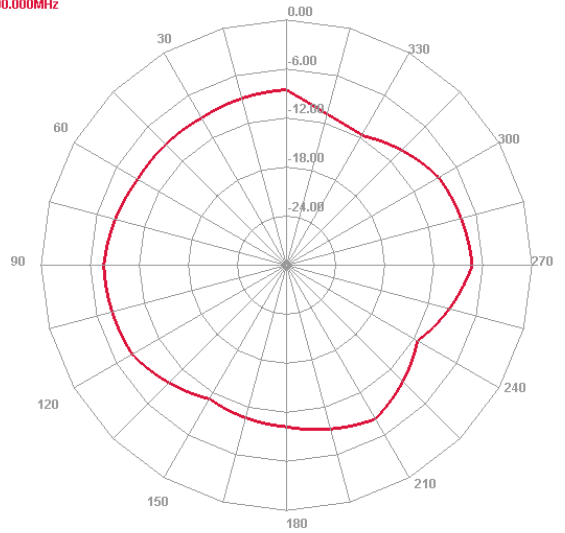


2500.000MHz



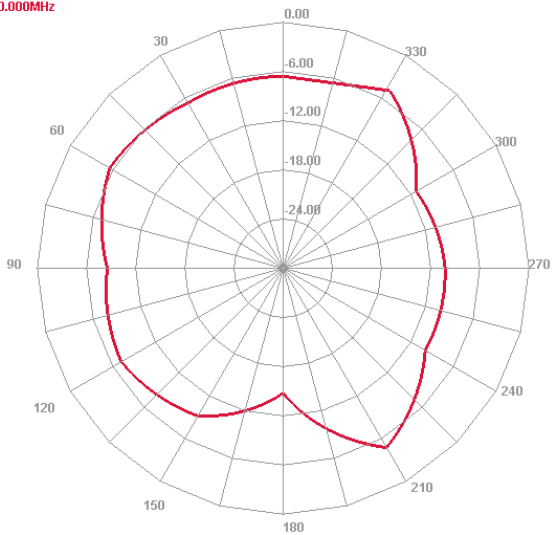
Horizontal

2500.000MHz



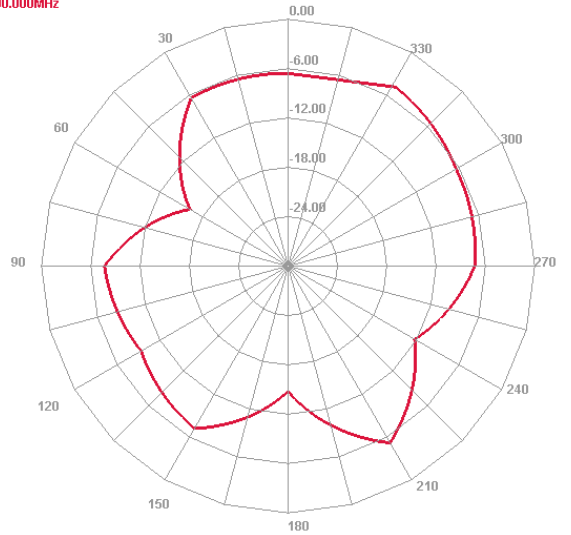
E1 Face

2500.000MHz



E2 Face

2500.000MHz



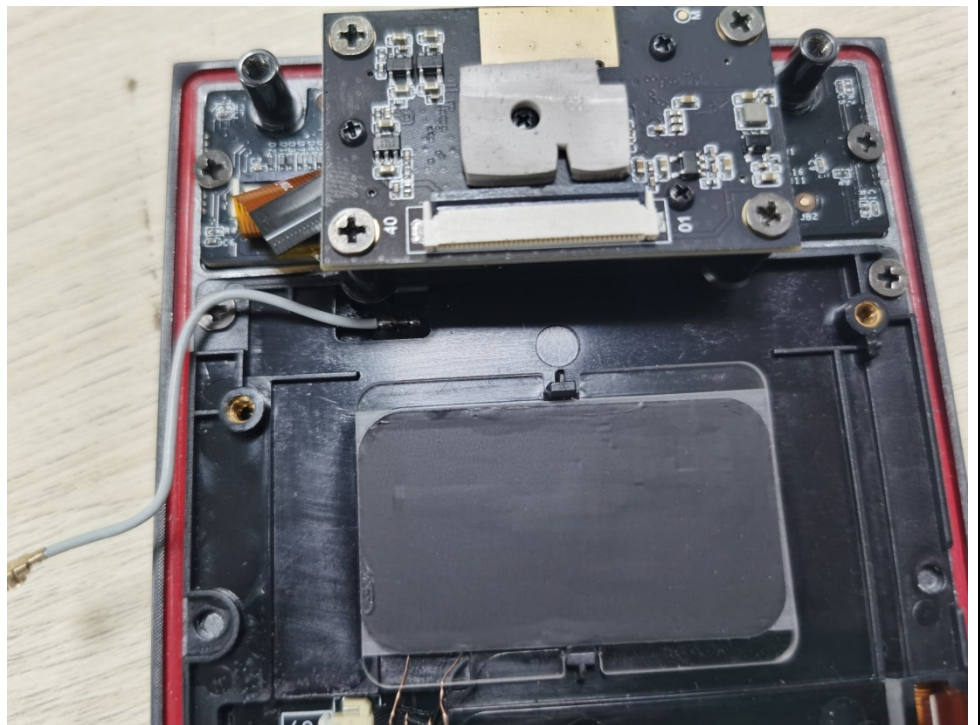


Antenna Profile

Device



*Antenna
BT*





Assembly Drawing

BT Antenna

