



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

Building 14, Fuwan Municipal Park, No. 869, Panyu Road, Jinshan Industrial Park, Cangshan District, Fuzhou

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Tel:0591-22628085 Fax:0591-22627656



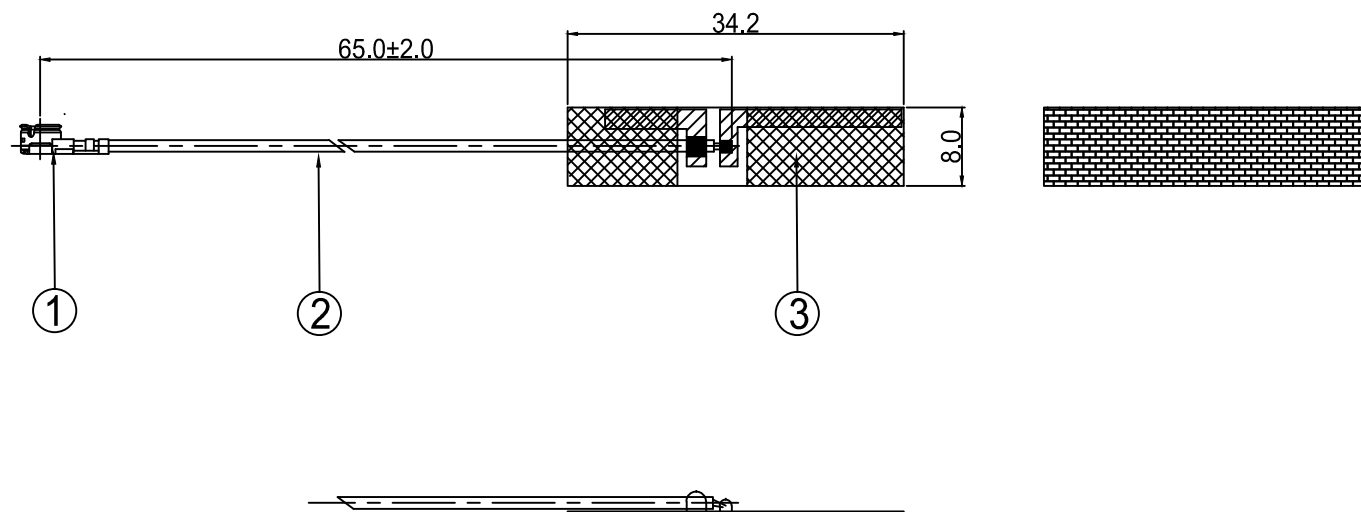
承认书项目表

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		Tel :0591-22628085	
		World Easy Electronics Co.,Ltd.		Fax:0591-22627656	
PART NAME: BT Antenna L=65mm MHF					
PART NO.: WE007N.F0113.V01				DATE: 2021-12-29	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance	
		周红涛	UNITS: mm	X.X ±0.50	
			SCALE: 1/1	X.XX±0.15	
			REVISION: A	X° ±3°	



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

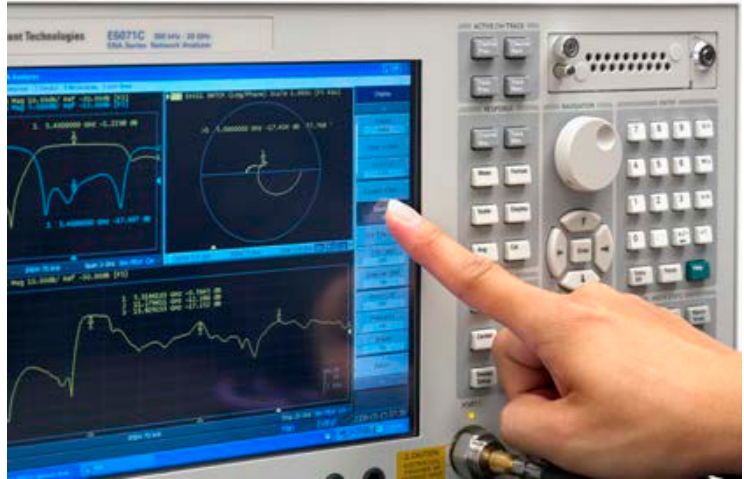
Physical Properties

Antenna Material	FPC
Cable Type	O.D.1.13//L=65mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Gray

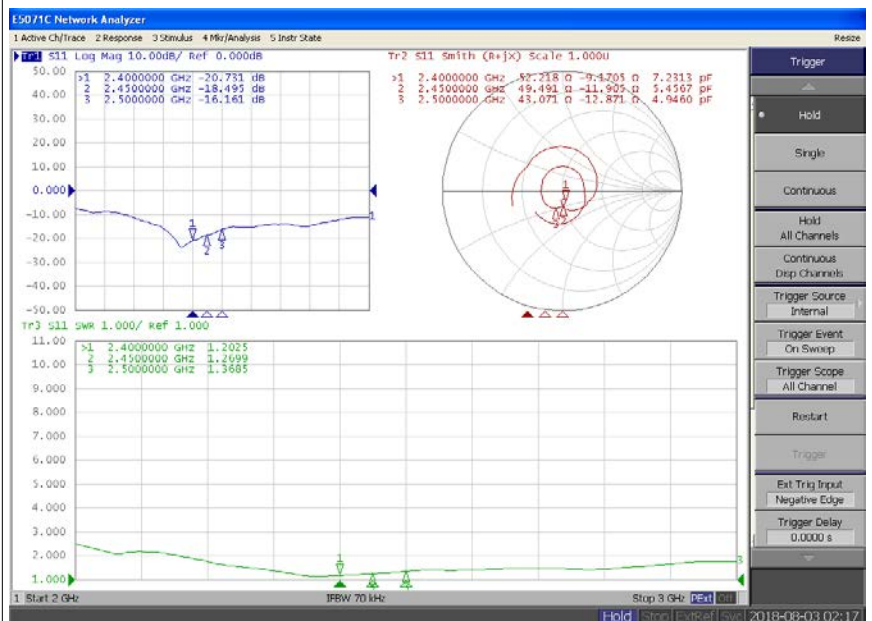


Antenna Performance Test

**Agilent
E5071C**

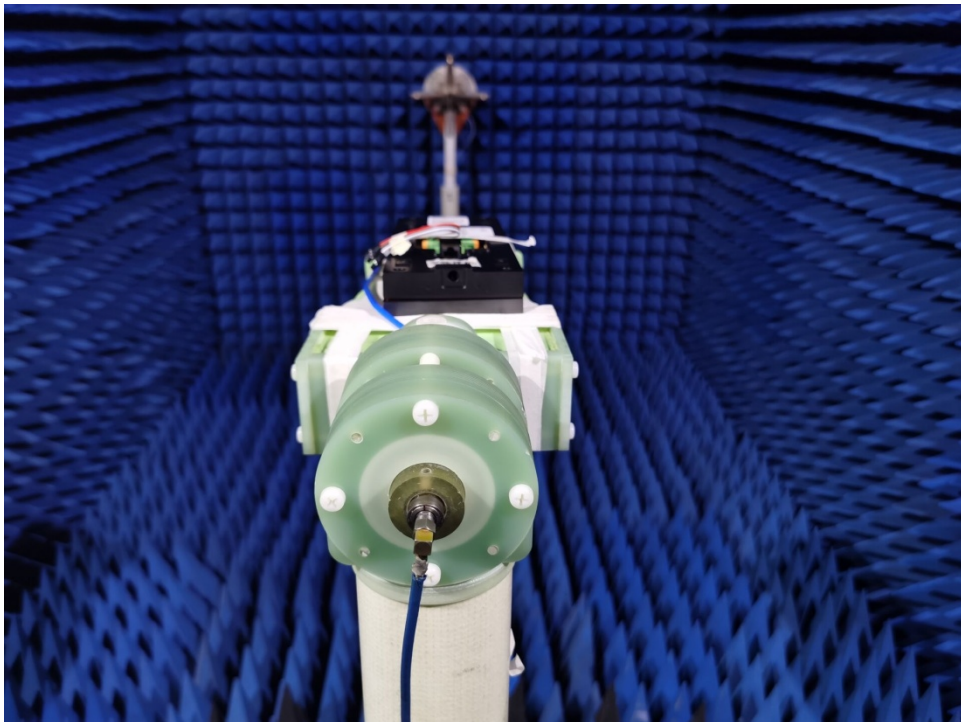
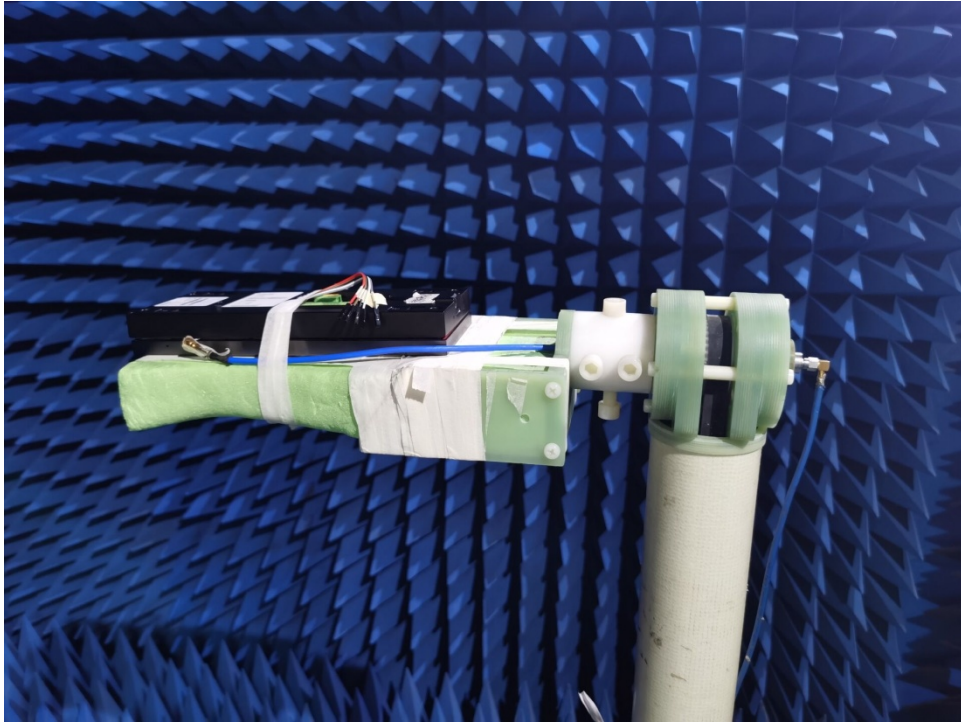


**S
Parameter
Test //
BT**





Antenna Passive Test





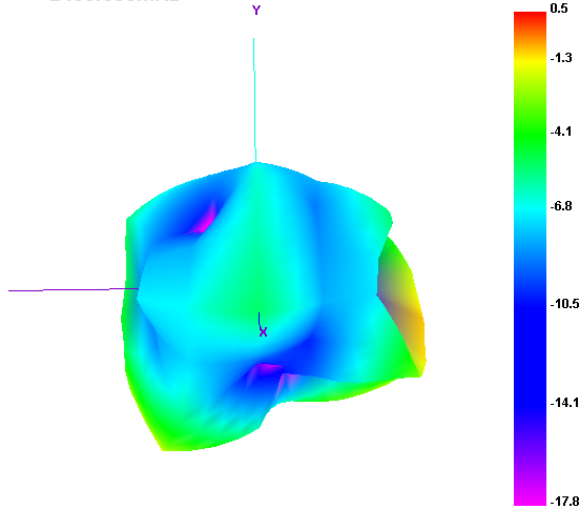
Passive Test For BT

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



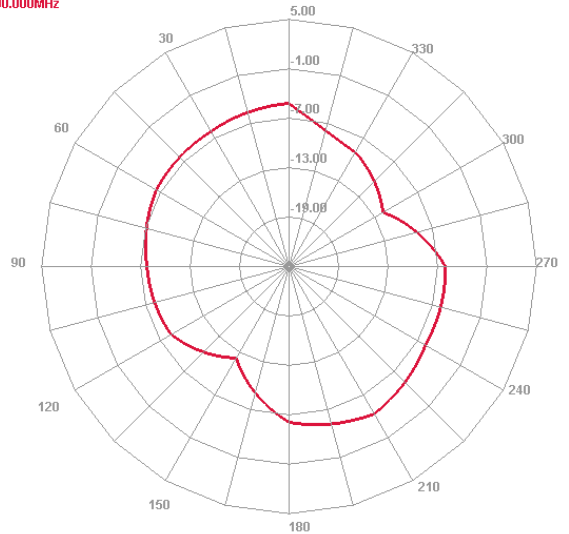
Antenna Radiation Pattern

2400.000MHz



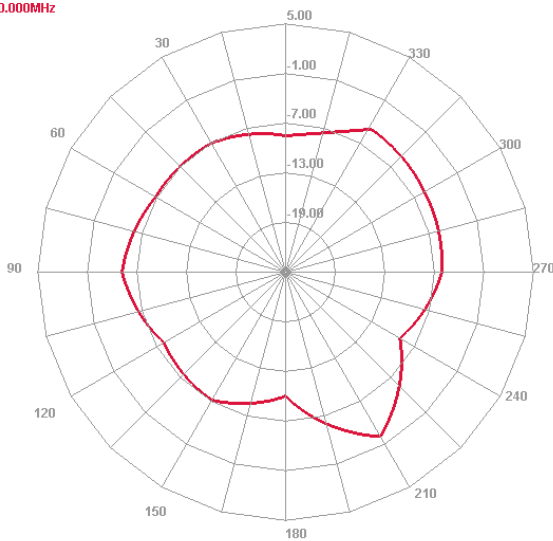
Horizontal

2400.000MHz



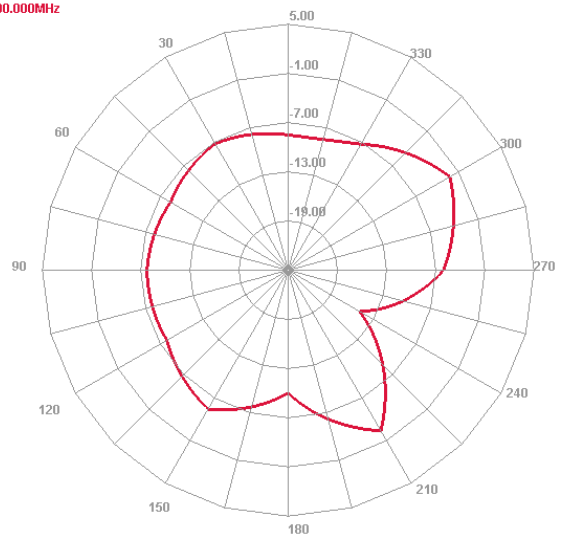
E1 Face

2400.000MHz



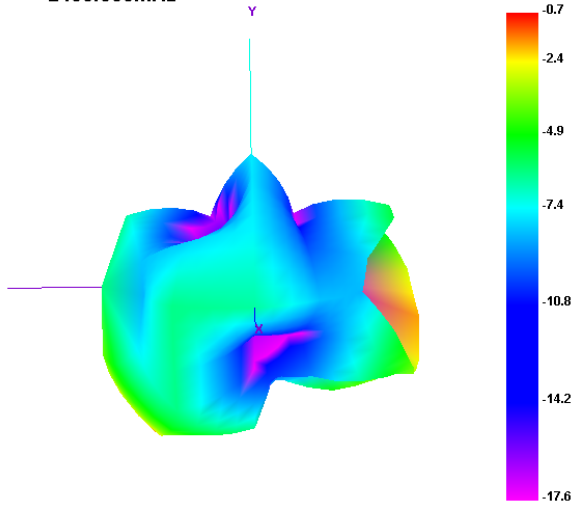
E2 Face

2400.000MHz



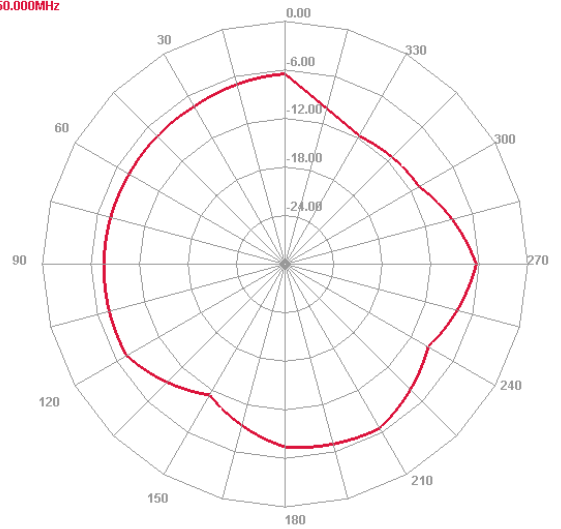


2450.000MHz



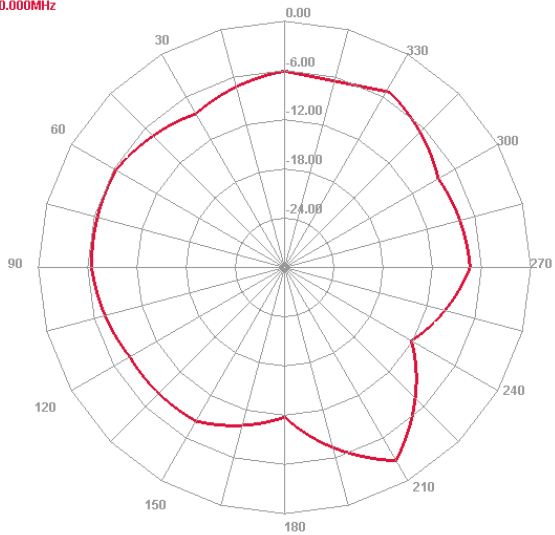
Horizontal

2450.000MHz



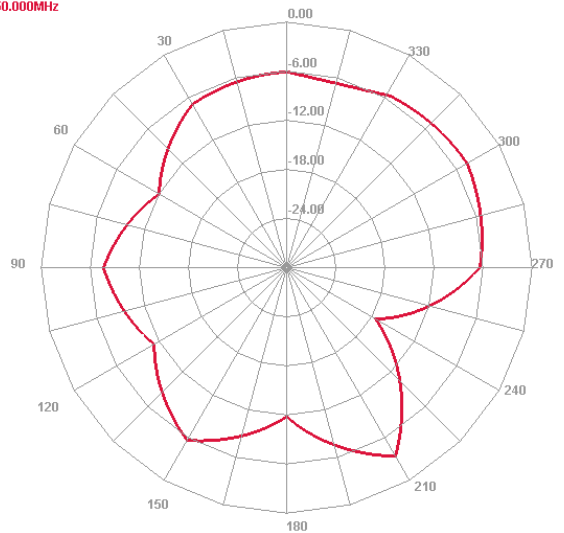
E1 Face

2450.000MHz



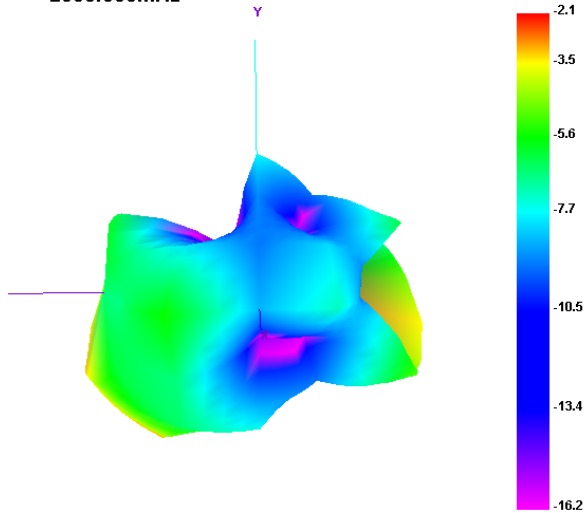
E2 Face

2450.000MHz



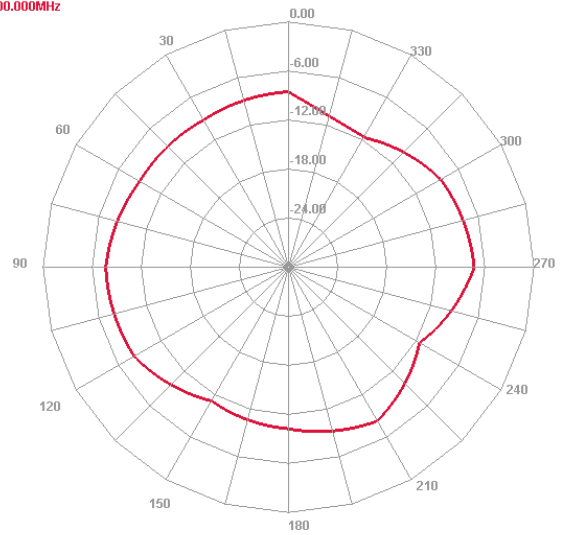


2500.000MHz



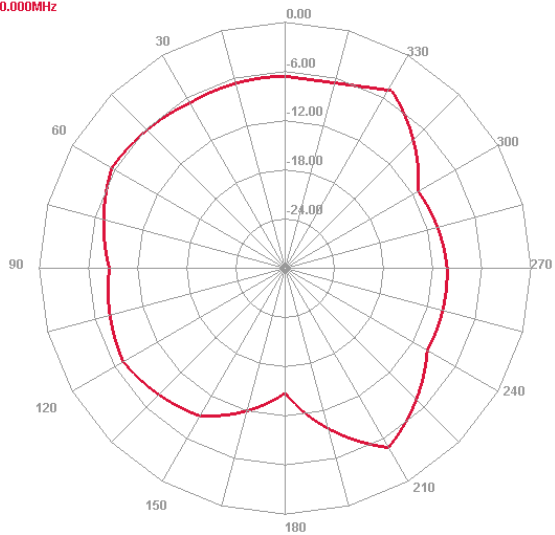
Horizontal

2500.000MHz



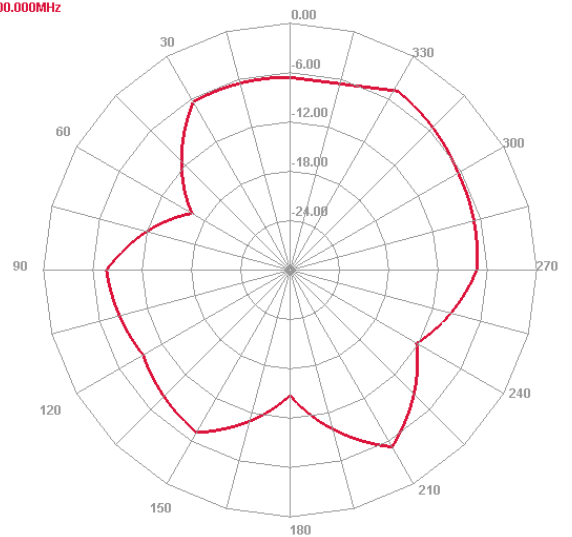
E1 Face

2500.000MHz



E2 Face

2500.000MHz



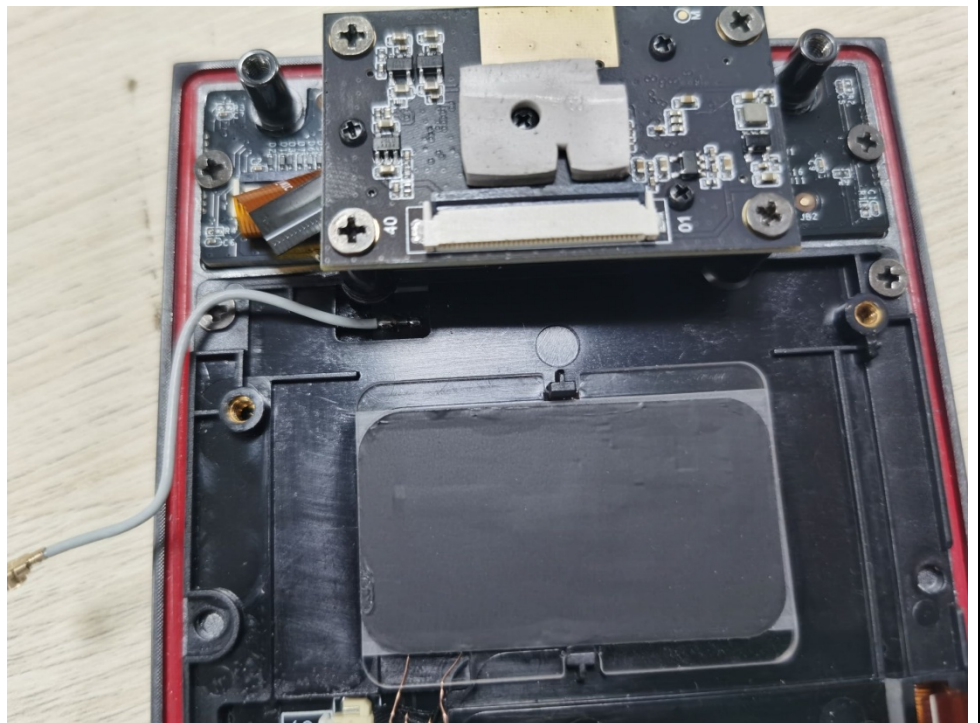


Antenna Profile

Device



*Antenna
BT*





Assembly Drawing

BT Antenna

