



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.V02

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

2nd Floor, Building 15, Standard Factory Building, Fuwan Park,

Jinshan Industrial Zone, No. 869, Panyu Road, Cangshan District, Fuzhou City

WE-RD-F01-A

Add: 福州市仓山区盘屿路869号金山工业区福湾园标准厂房15栋二楼 Tel: 0591-22628085 Fax:0591-22627656



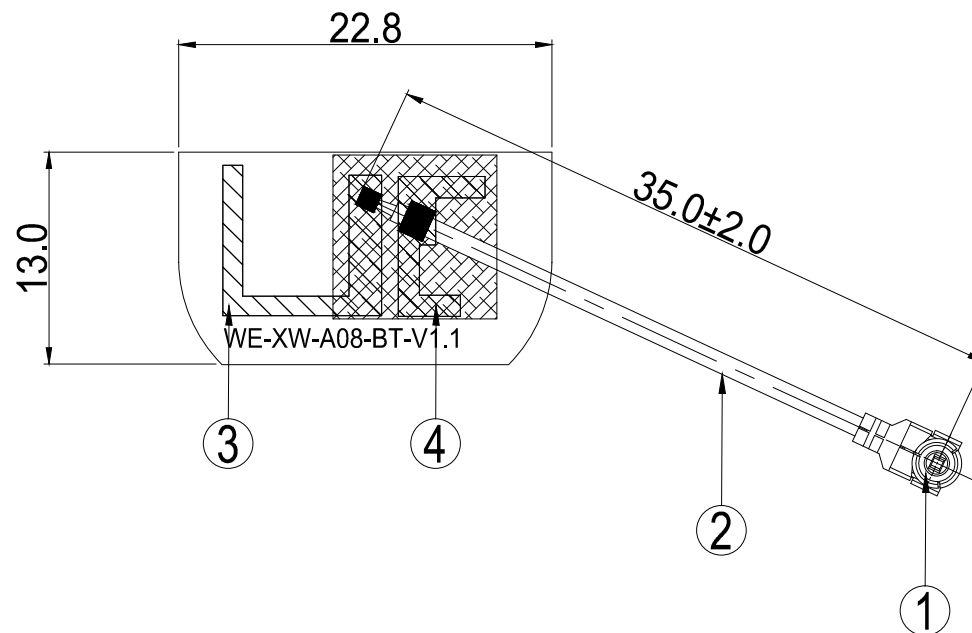
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10	N/A	N/A	N/A
11	-	-	-
12	-	-	-

RoHS

Compatible

REV.	DESCRIPTION	DATE
A		2023.10.12



4	Acetate Cloth	10.0*10.0MM	Acetate Cloth	FAB0001.V01	1
3	FPCB	22.8*13.0MM	FPCB	FPC0343.V02	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=35mm MHF

PART NO.: WE007N.F0145.V02

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

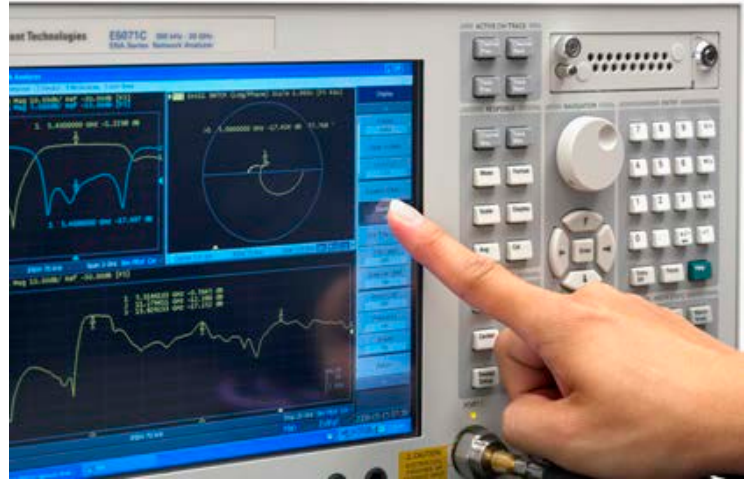
Physical Properties

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

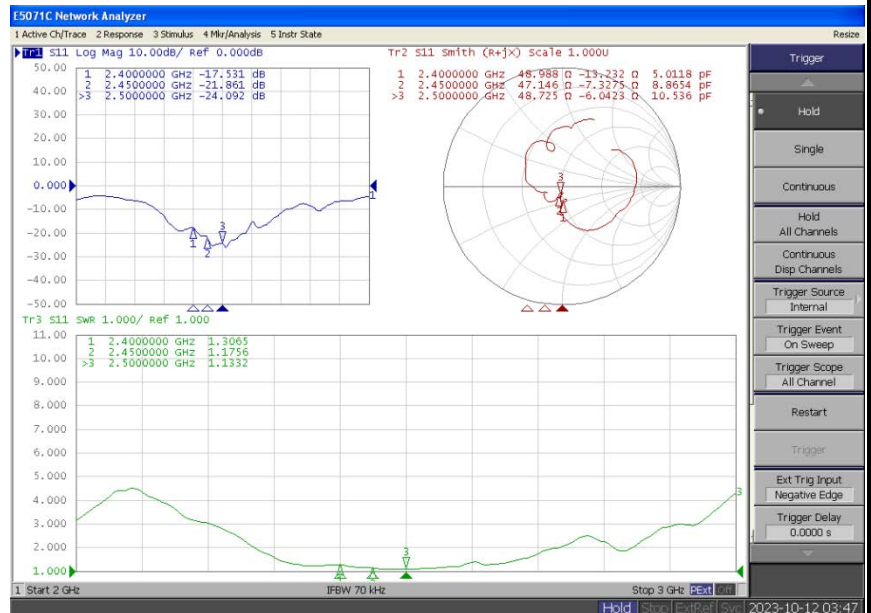


Antenna Performance Test

**Agilent
E5071C**

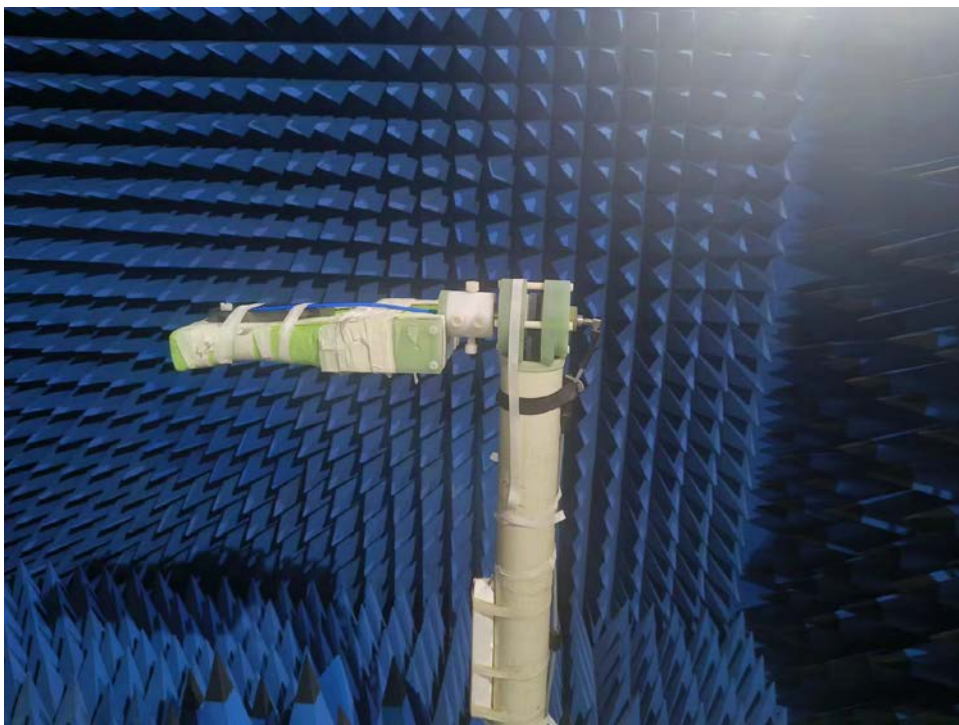
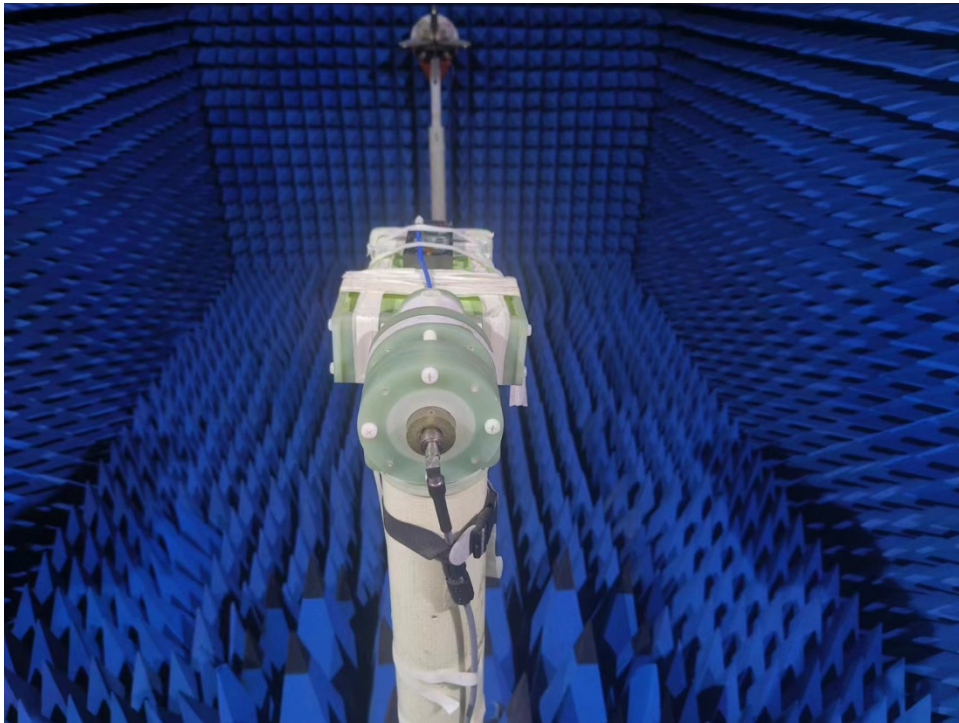


**S
Parameter
Test //
BT**





Antenna Passive Test



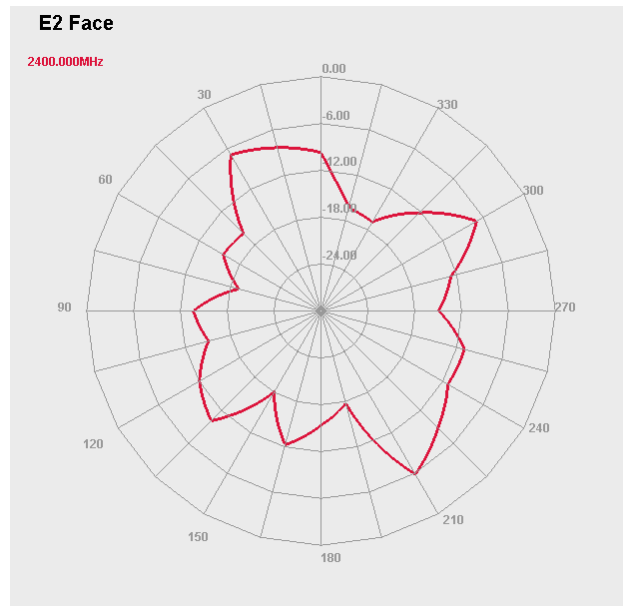
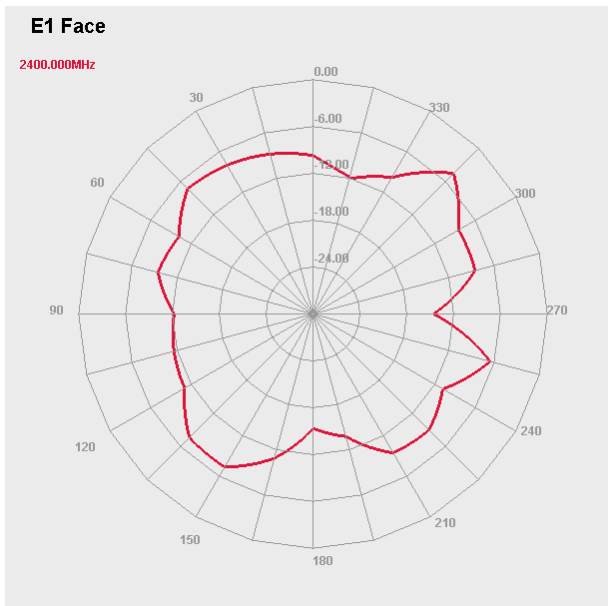
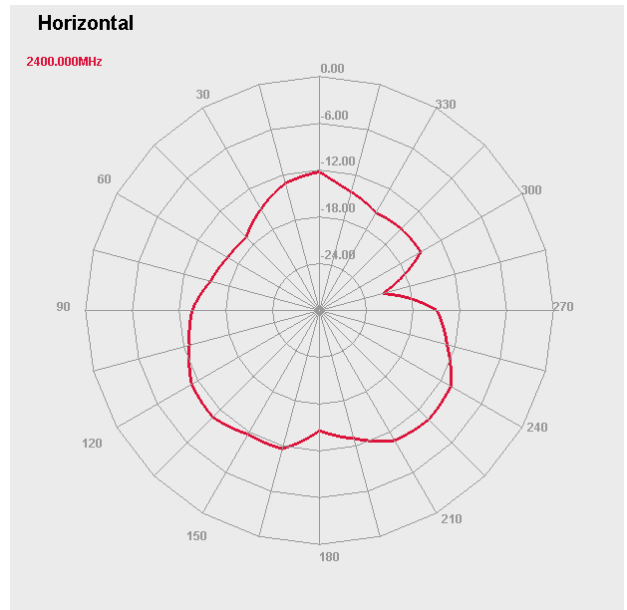
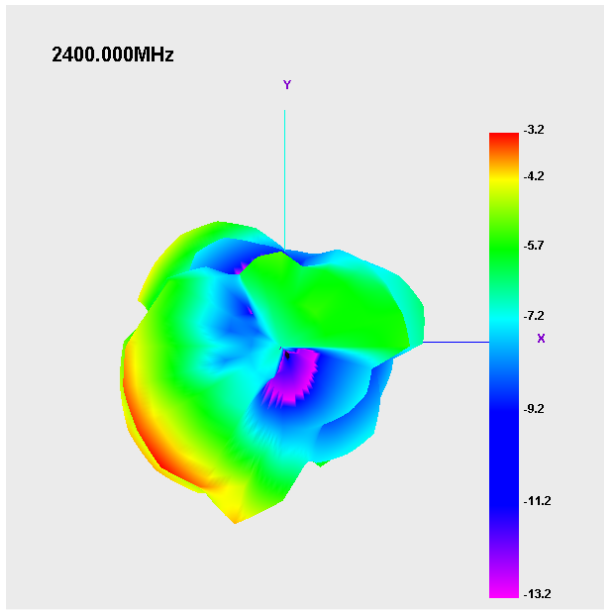


Passive Test For BT

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

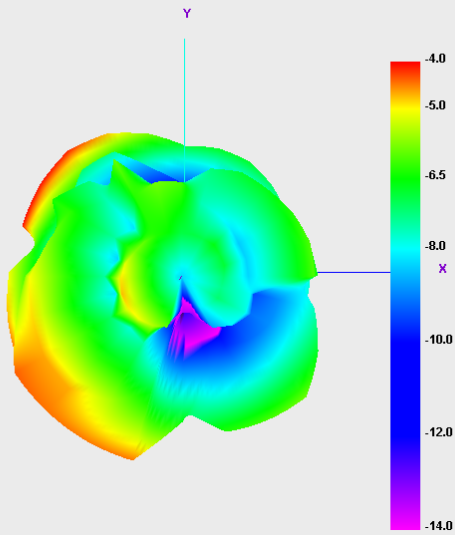


Antenna Radiation Pattern



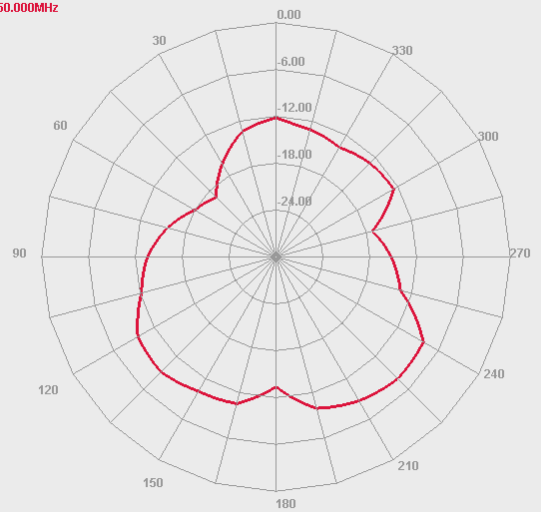


2450.000MHz



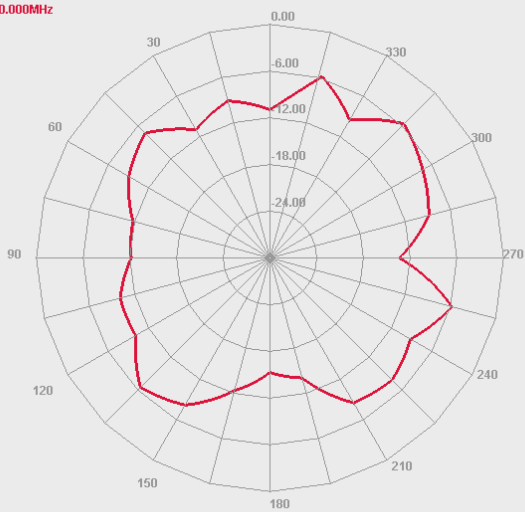
Horizontal

2450.000MHz



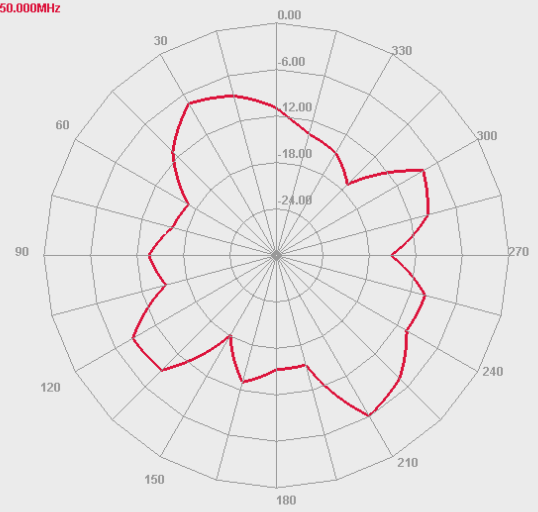
E1 Face

2450.000MHz



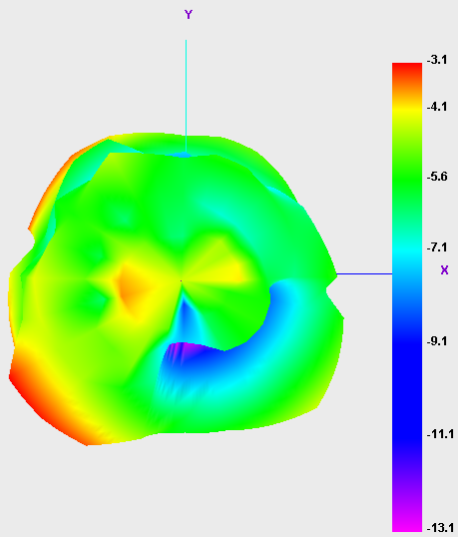
E2 Face

2450.000MHz



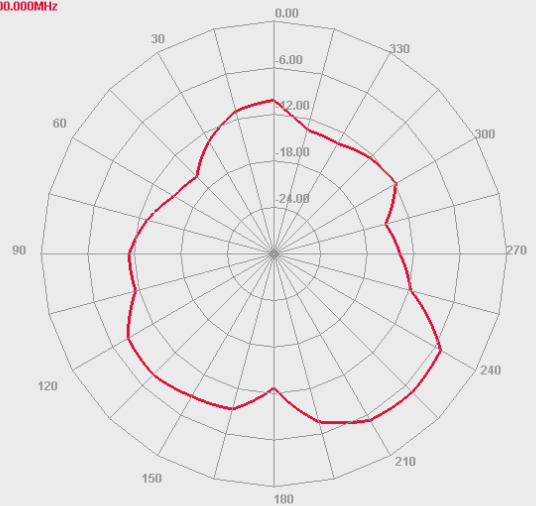


2500.000MHz



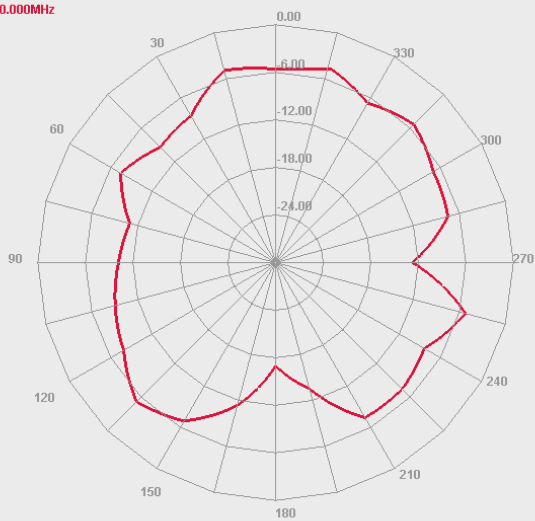
Horizontal

2500.000MHz



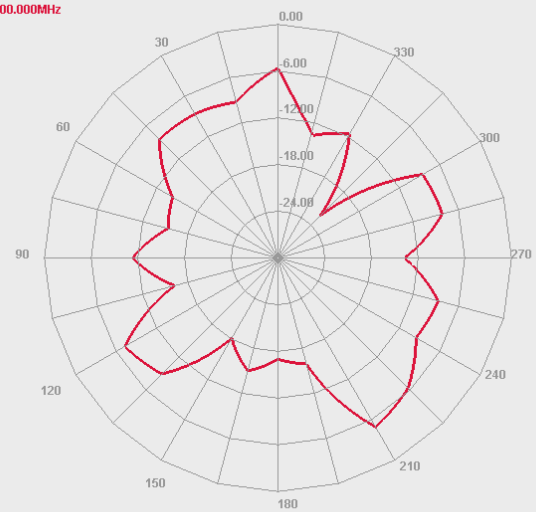
E1 Face

2500.000MHz



E2 Face

2500.000MHz





Antenna Profile

Device



*Antenna
BT*





Assembly Drawing

BT Antenna

