SPECIFICATION FOR APPROVAL

customer: Accton

brand: Su Zhou T-Create Tcehnolpgy Co., LTD

description: PCB Antenna 1.37Black Cable L=90mm

specification /part no: 126-002-383

DATE: 2022/06/17

remark:

Formulate/ Date	Check/Date	Approve/Date
Chuang Qi Reh /10.21	Guo Qiang Wang /10.21	David /10.21

苏州共创科技有限公司 3205000418281

Add.：ongchun Industrial Workshop, Chunwang Road, Huangdai Town, Xiangcheng District, Suzhou City

Tel.：0512-65088422 Fax.：0512-65088433

SPECIFICATION FOR APPROVAL

√New Parts ☐Change

Change record field	Change content	Change Date
A		
B		
C		
D		

- (Class I environmental management substances shall be prohibited)
-

COMPANY	Accton
PART NAME	120300000316S
PART NO	126-002-383

（APPROVED BY STAMP）

Presented by(RD)	Check by（PC）	Approve by（QC）

(DATE)：06 (MONTH) (DAY)：2022 (YEAR)

苏州共创科技有限公司 3205000448227

Su Zhou T-Create Tcehnolpgy Co., LTD

Add.：ongchun Industrial Workshop, Chunwang Road, Huangdai Town, Xiangcheng District, Suzhou City

Tel.： 0512-65088422 Fax.： 0512-65088433

Catalogue

Tiyle .....1～2

Catalogue.....3～3

Specification.....4～4

Product Drawing.....5～5

Testdata and physical photos.....6～6

2D/3D Test Roport.....7～12

Specification

1.Electrical properties:

1.1 FrequencyRange.....2.4GHz-2.5GHZ
5.15GHZ—5.85GHZ

1.2 Impedance 50Ω

1.3 VSWR.....≤ 2.0

1.4 Gain.....2G 4.0 ± 0.5dBi
5G 5.0 ± 0.5dBi

2.Mechanical Properties:

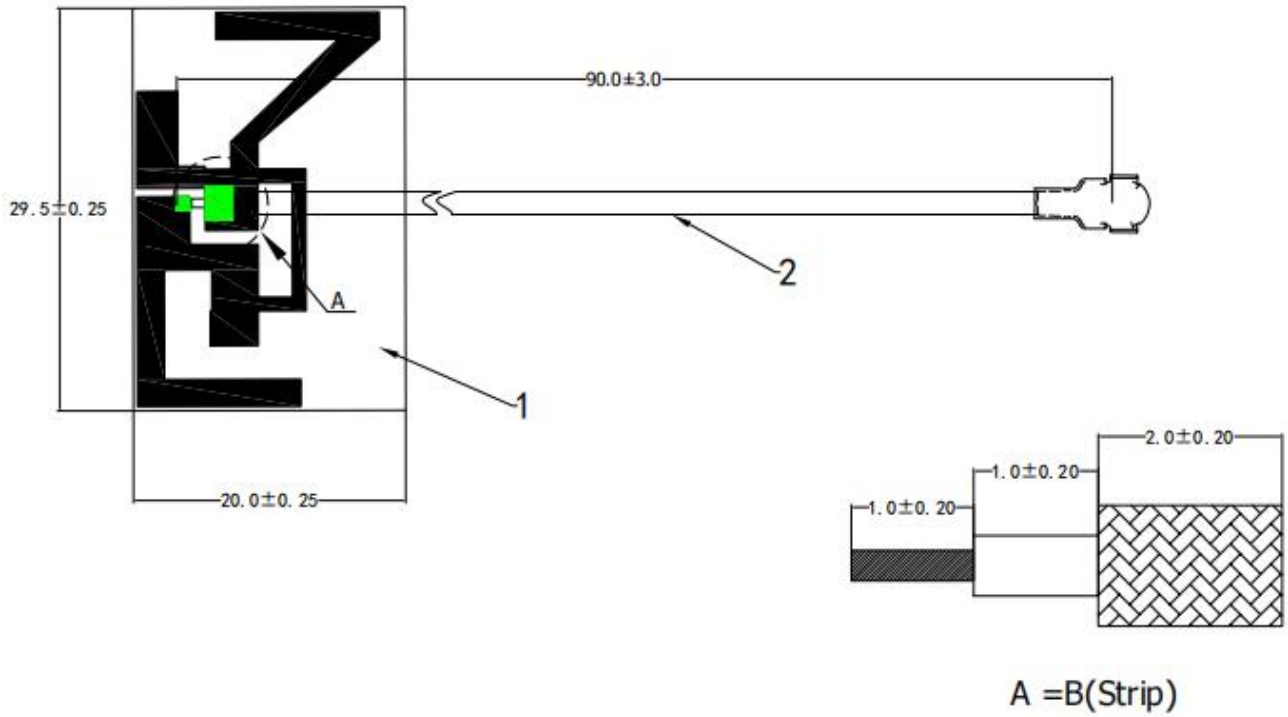
2.1Cable.....1.37 Black cable

2.2 Connector.....MHF137

2.3 Operating Temp.....-20℃～+65℃

2.4 Storage Temp.....-30℃～+70℃

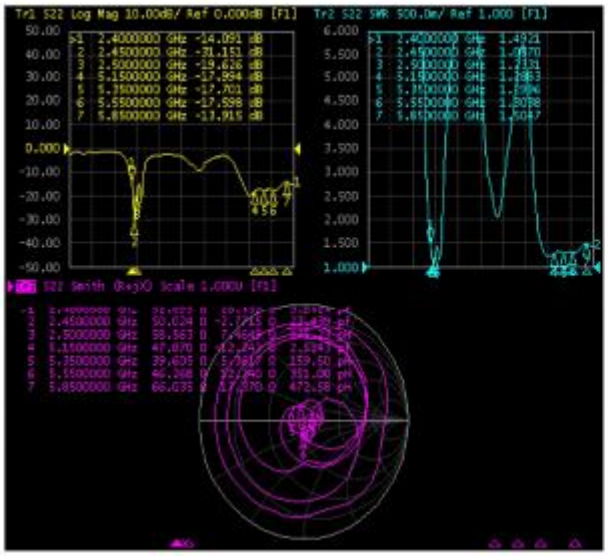
2.5 Storage Time.....3 Years

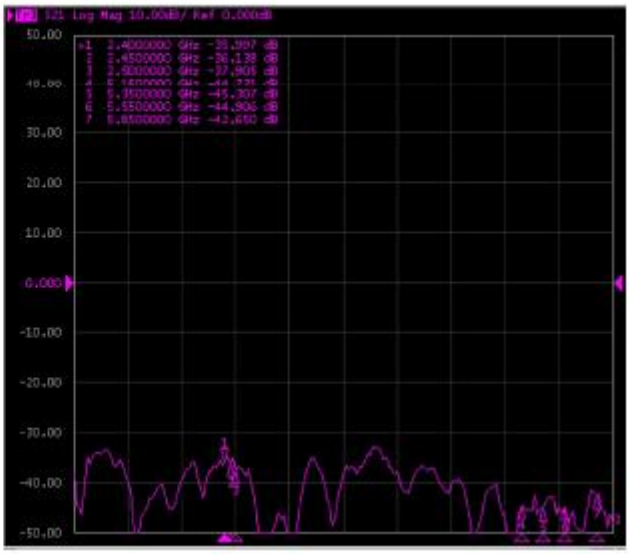


Technical requirements:

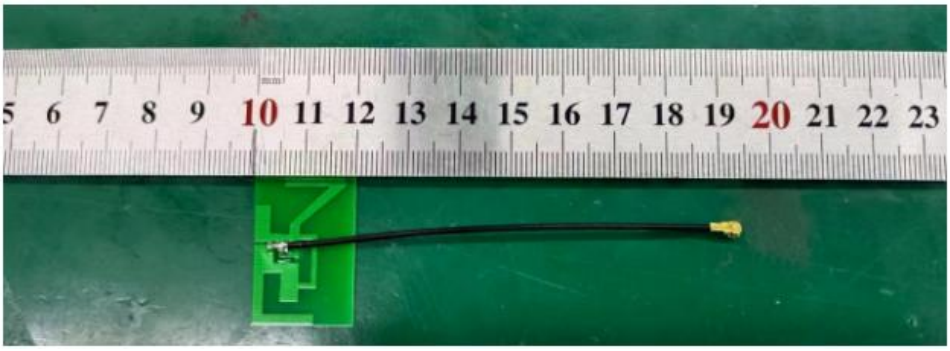
1、Frequency: 2.4-2.5G 5.15-5.85G
2、VSWR≤2.0
3、Gian:2G/4DBi;5G/5DBi

Test data





Physical Photos

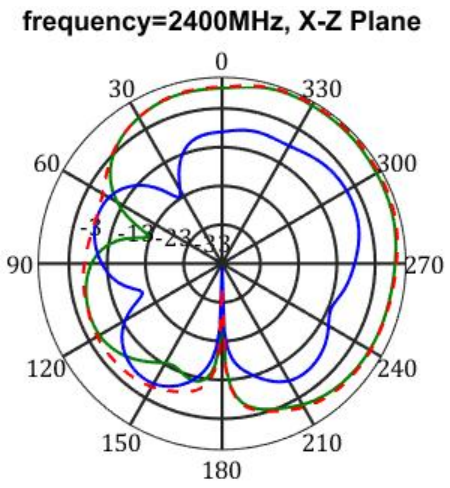


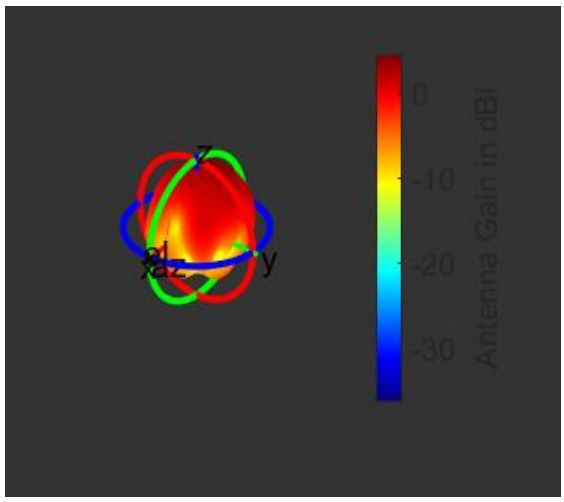
UL Label position, sealing in the middle of the carton:

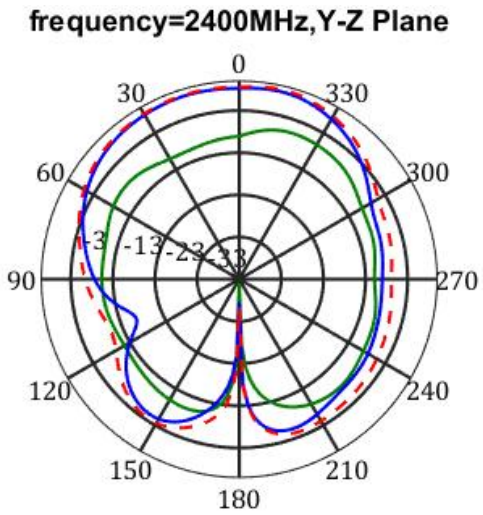
Ant 2 2.4GHz 2D Radiation Pattern

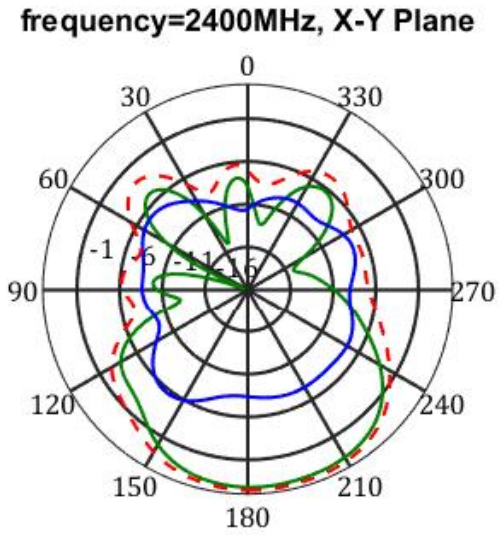
3D Pattern

x-axis: red
y-axis: green
z-axis: blue





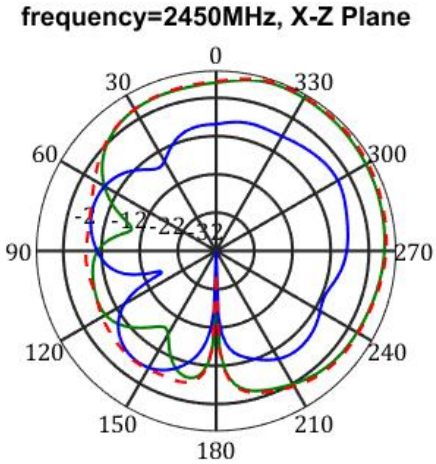


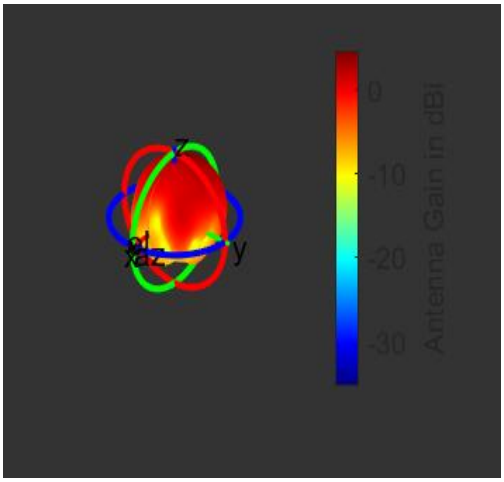


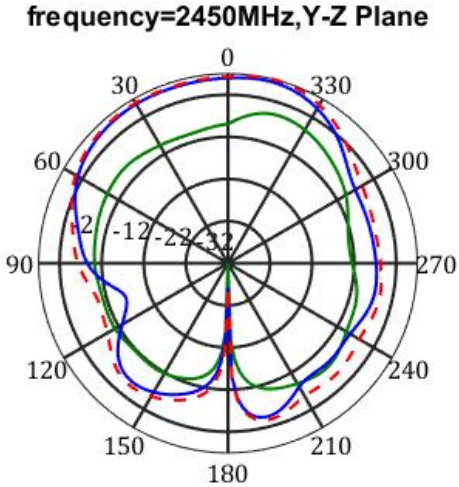
Ant 2 2.45GHz 2D Radiation Pattern

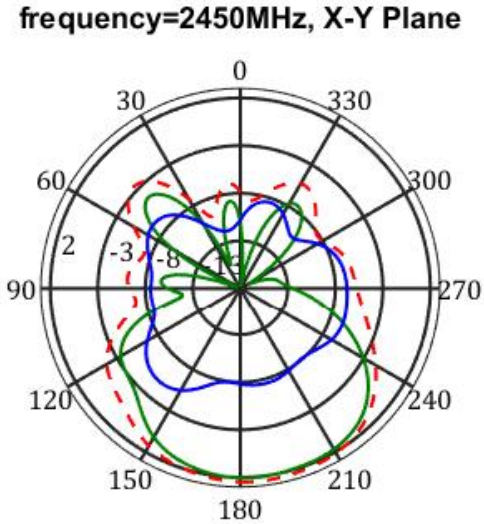
3D Pattern

x-axis: red
y-axis: green
z-axis: blue



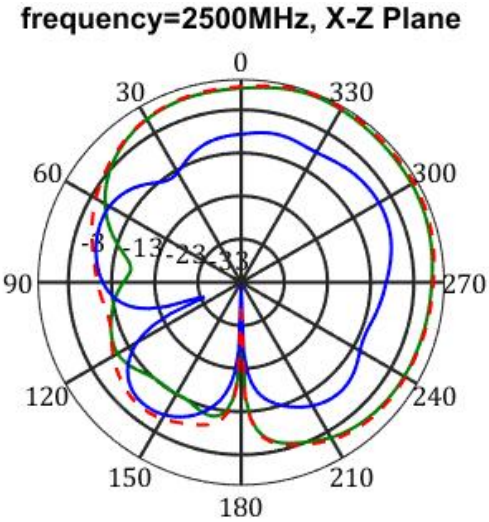


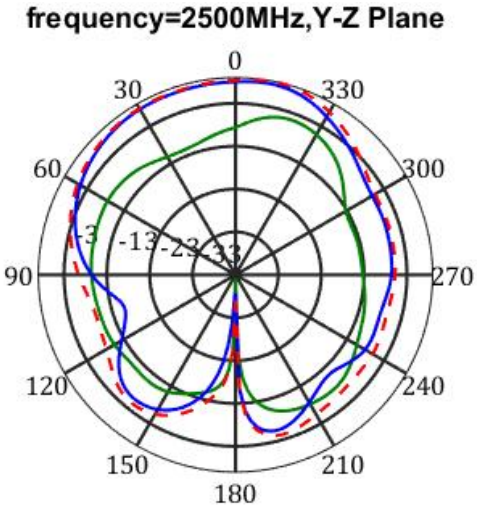


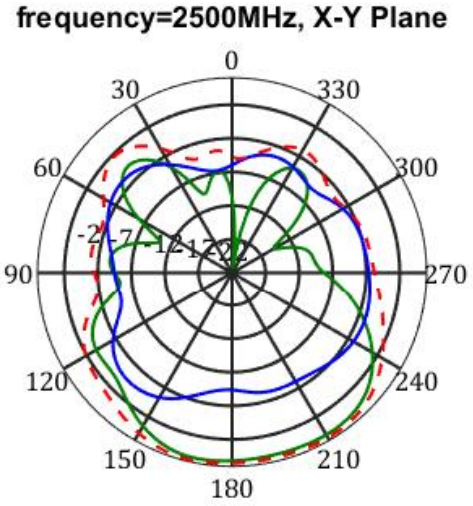


Ant 2 2.5GHz 2D Radiation Pattern

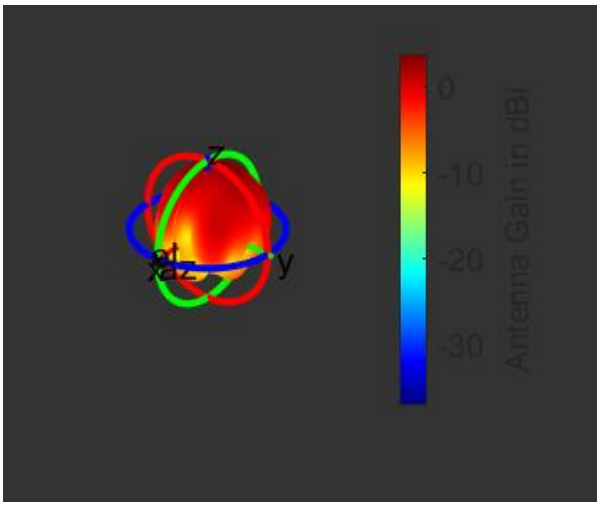
x-axis: red
y-axis: green
z-axis: blue







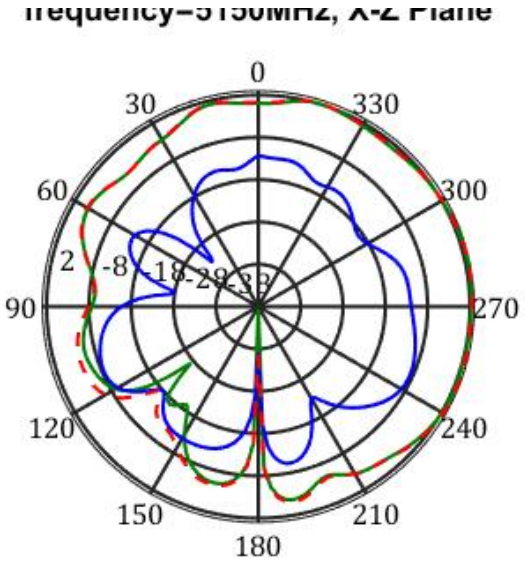
3D Pattern

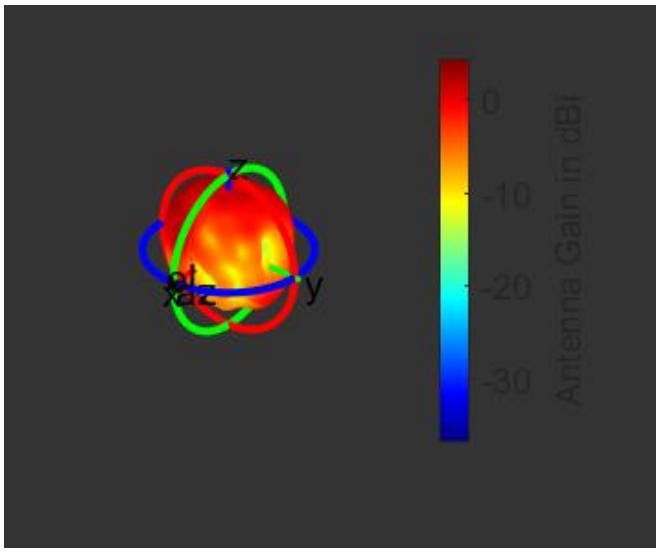


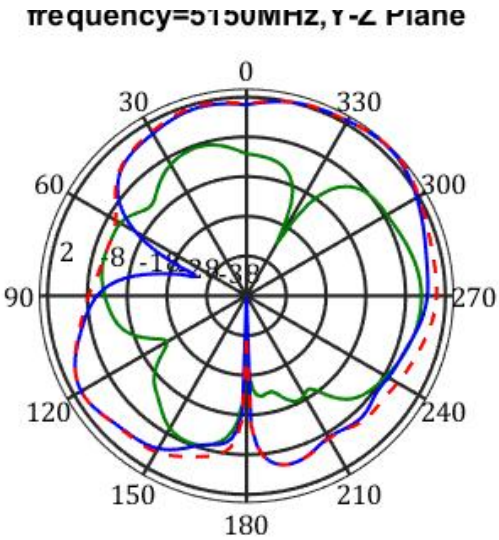
Ant 2 5.15GHz 2D Radiation Pattern

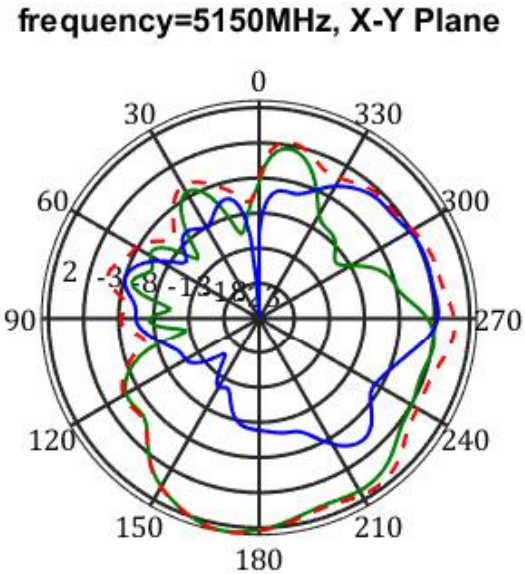
3D Pattern

x-axis: red
y-axis: green
z-axis: blue





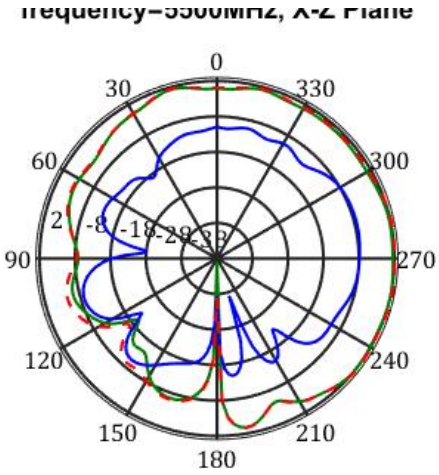


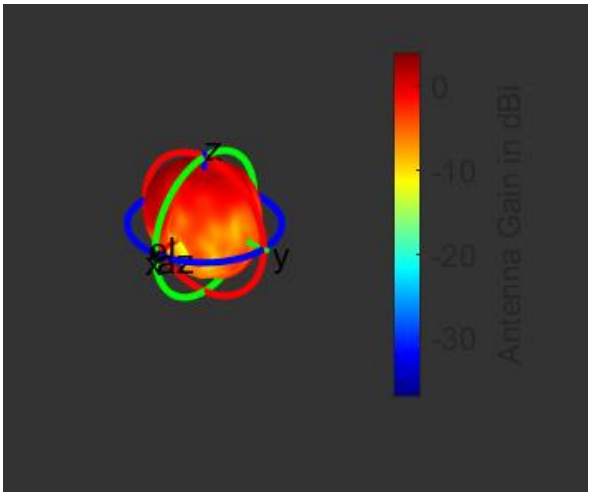


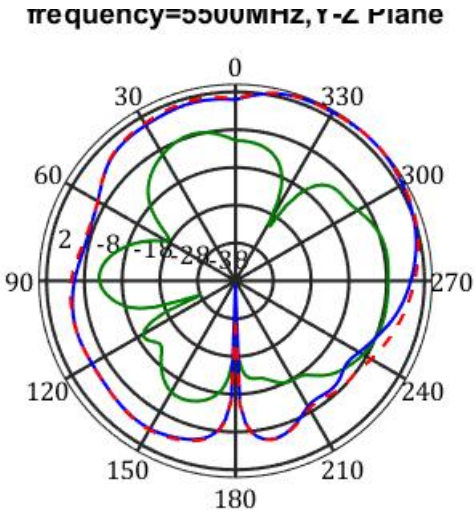
Ant 2 5.5GHz 2D Radiation Pattern

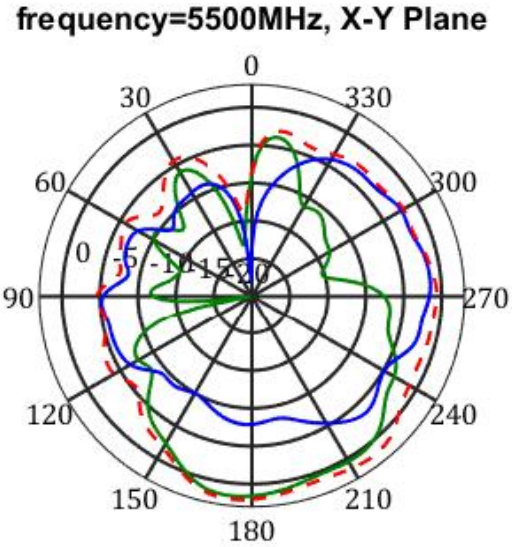
3D Pattern

x-axis: red
y-axis: green
z-axis: blue





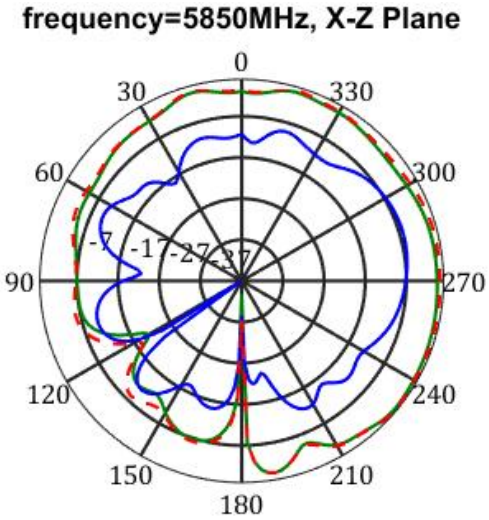


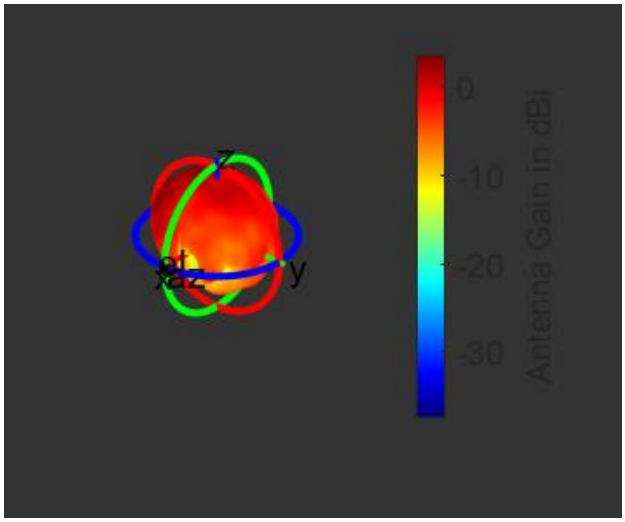


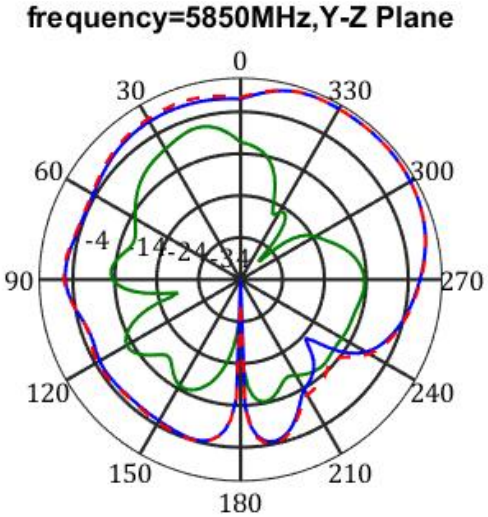
Ant 2 5.85GHz 2D Radiation Pattern

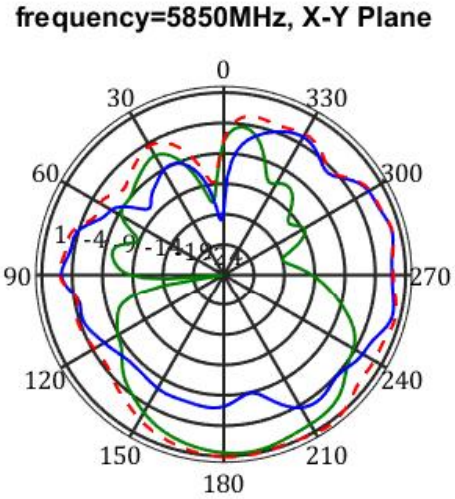
3D Pattern

x-axis: red
y-axis: green
z-axis: blue









Frequency(MHz)	2400	2450	2500	5150	5500	5850
Gain (dB)	3.63	3.75	4.05	4.83	5.12	4.81
Efficiency(%)	58.83	65.37	72.56	76.64	88.76	77.22