

承 認 書

SPECIFICATION APPROVAL SHEET

Brand:msi
Model:GM01WD

品 名
PRODUCT NAME

PCB Antenna

料號/版次
P/N:/REV.

RG-2150

DATE :

2022/10/16

審核 CHECKED BY

制作 MADE BY

確認 APPROVED BY

Ken Chang

Ken Chang

Will Lee

公司名稱：群光電子股份有限公司

Company：Chicony Electronics Co., Ltd.

聯系地址：新北市三重區光復路二段 69 號 39 樓

ADDRESS：39F,No.69,Sec.2,Guangfu Rd.,Sanchong Dist.,New

Taipei City 241

聯系 E-mail: Ken_Chang@chicony.com

聯絡電話：TEL:886-2-6626-6788#12235

4. Rating :

Operating Temperature : $-25^{\circ}\text{C}\sim 125^{\circ}\text{C}$

Storage Temperature : $20^{\circ}\text{C}\sim 25^{\circ}\text{C}$ R.H.75%(For reference)

5. Standard testing condition :

	Unless otherwise specified	In case of doubt
Humidity	Ordinary Humidity(25~85%)	60~75% RH
Temperature	Ordinary Temperature(15~35°C)	$25\pm 2^{\circ}\text{C}$

6. Antenna Gain

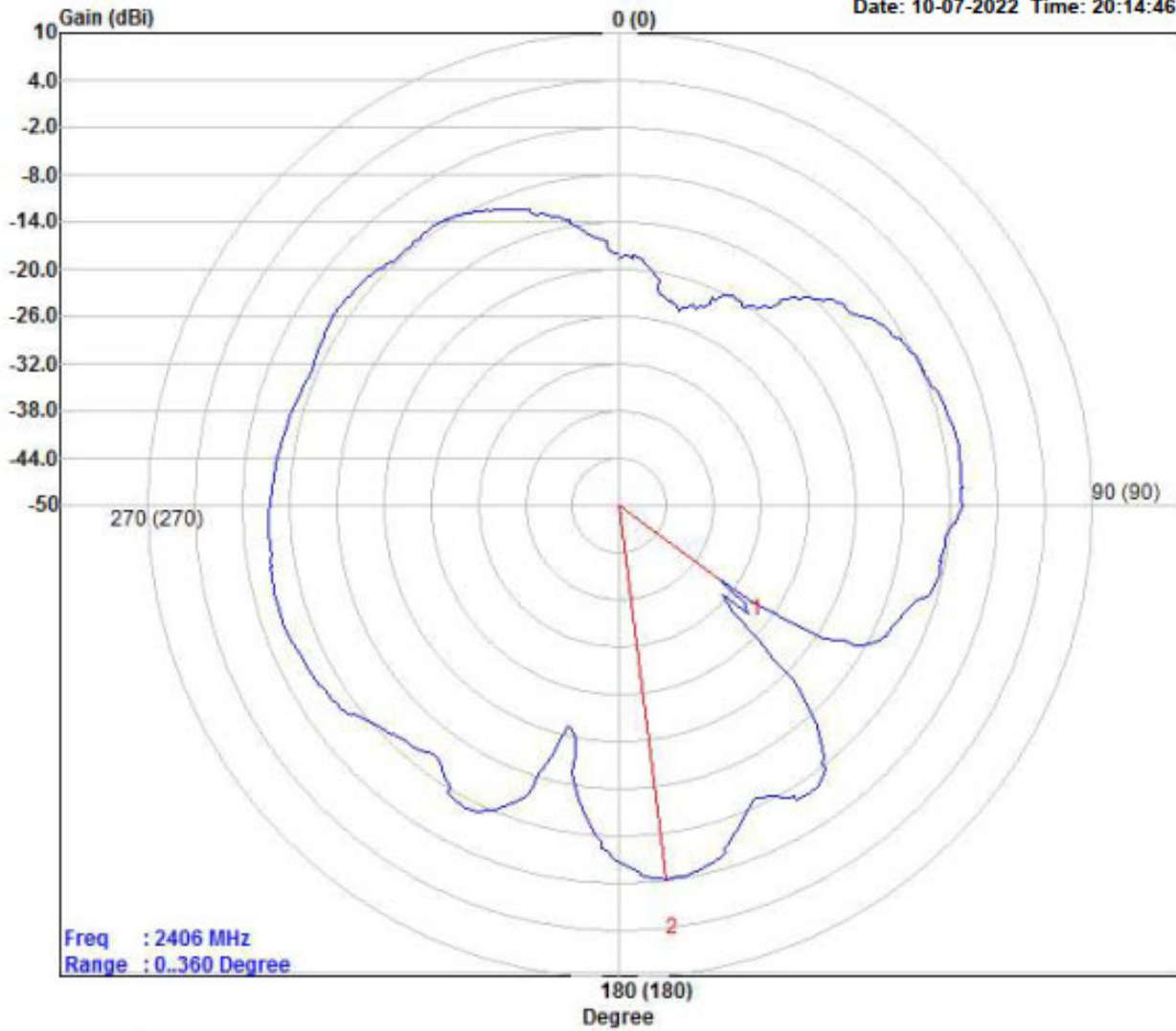
Frequency/MHz	2406	2444	2474
Horizontal Peak Gain/dBi	-2.1	-1.19	-1.88
Vertical Peak Gain/dBi	-11.23	-9.85	-9.95

7. Test report :



File: C:\Users\chicony\Desktop\CHICONY IPD\2022\MC-2137\RG-2150\RG-2150_00149.EMI

Date: 10-07-2022 Time: 20:14:46



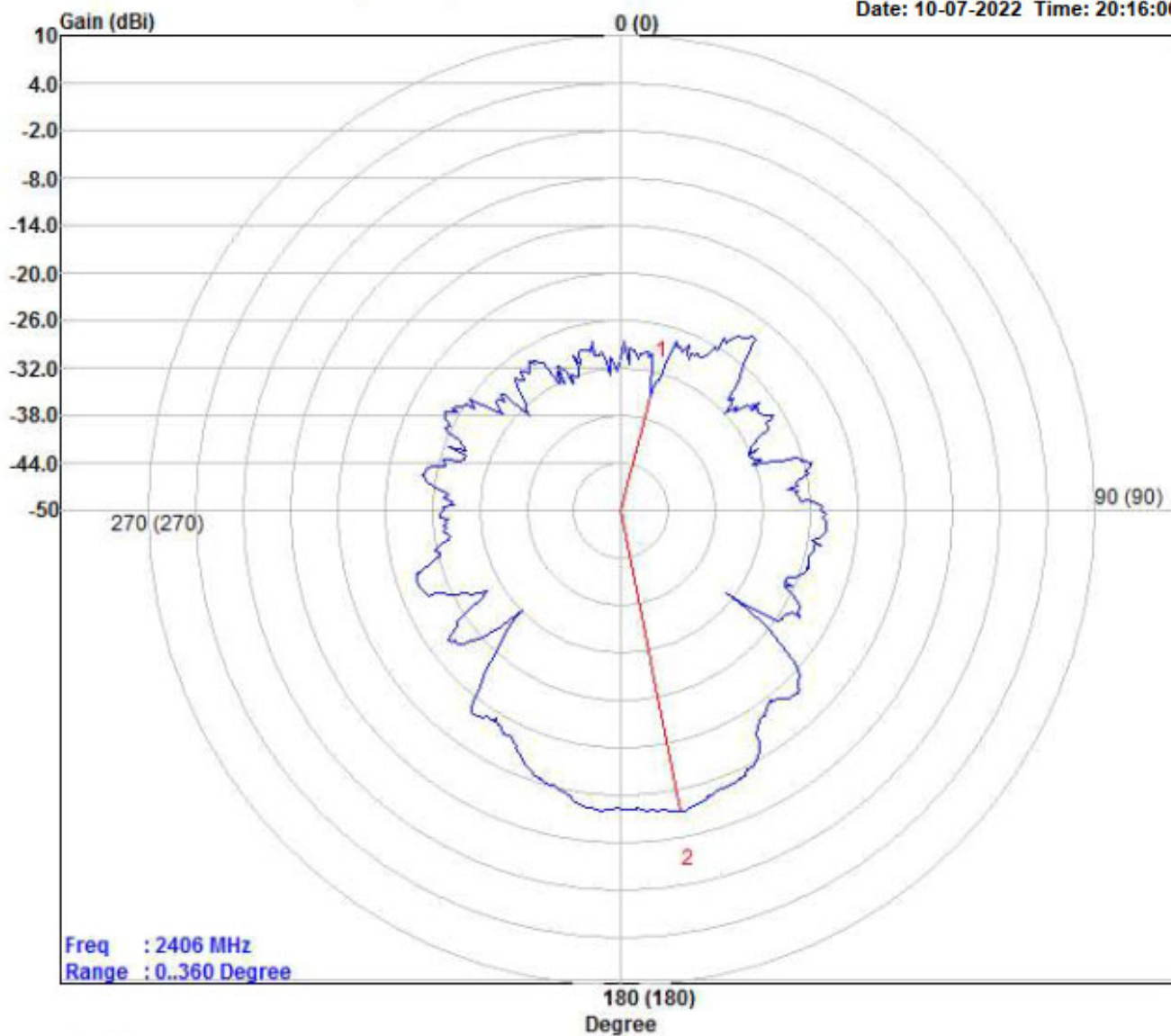
Trace:

Site : RF Chamber
 Condition : Horizontal
 EUT : RG-2150
 Mode : TX CH:2406MHz,
 Note :
 Test by : SMITH
 : Antenna Pattern
 SG O/P Level: 0dBm

	Degree	Gain	Remark	Note
		dBi/m		
1	126.699	-34.33	Minimum	AVG: -8.86
2	173.010	-2.10	Maximum	

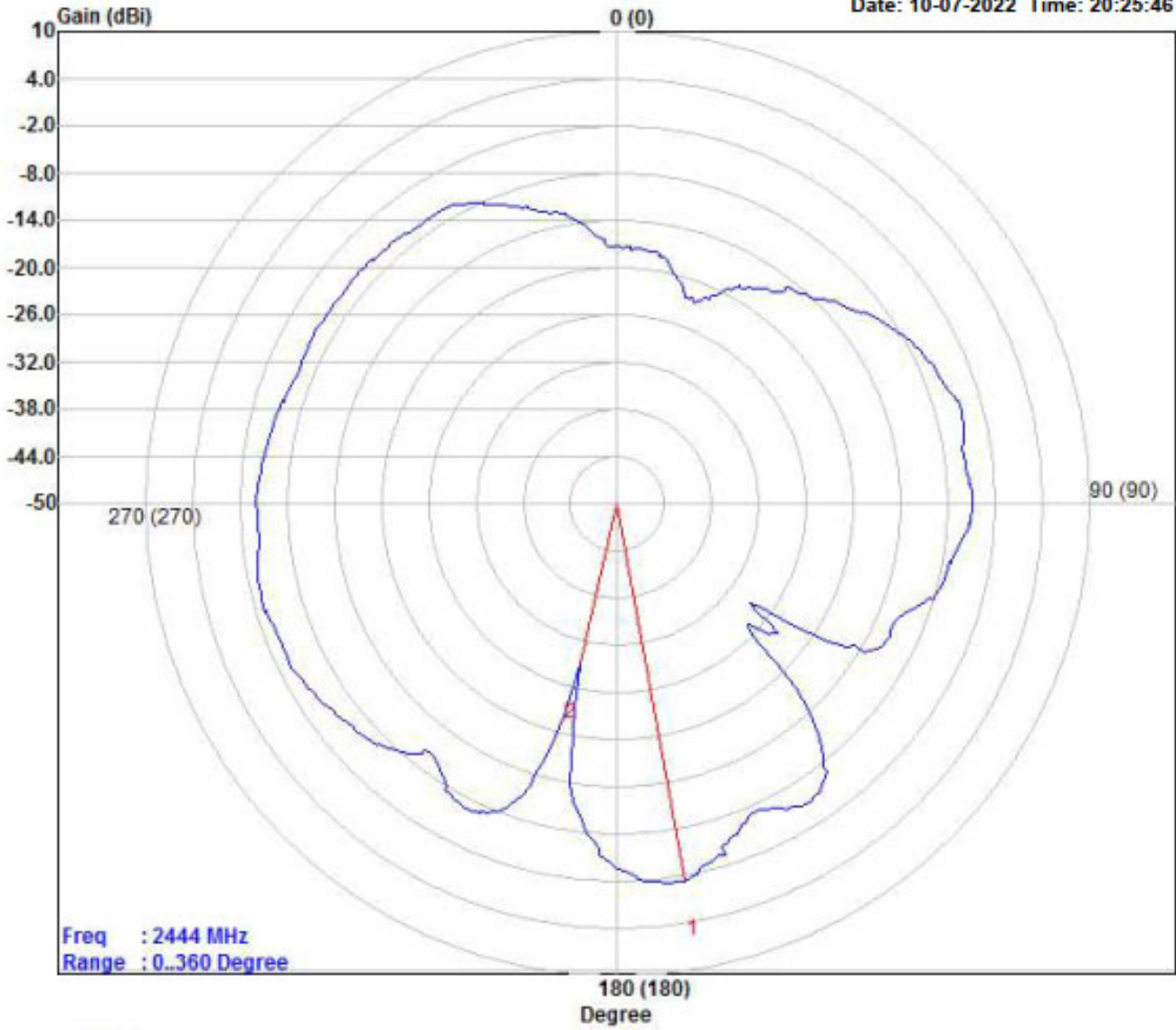
File: C:\Users\chicony\Desktop\CHICONY IPD\2022\MC-2137\RG-2150\RG-2150_00150.EMI

Date: 10-07-2022 Time: 20:16:06



Trace:

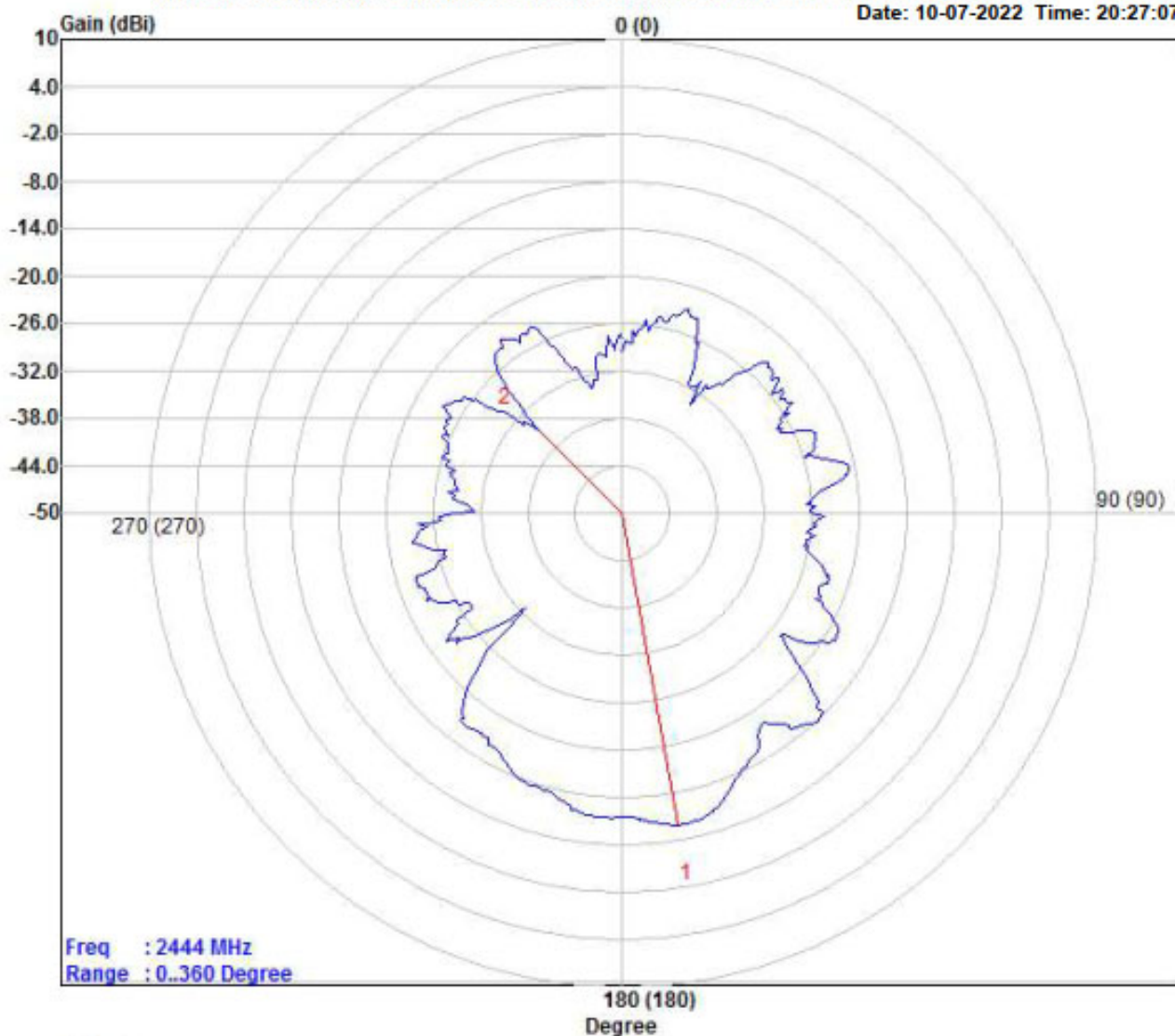
Site : RF Chamber
Condition : Vertical
EUT : RG-2150
Mode : TX CH:2406MHz,
Vote :
Test by : SMITH
: Antenna Pattern
5G O/P Level: 0dBm



Trace:

Site : RF Chamber
 Condition : Horizontal
 EUT : RG-2150
 Mode : TX CH:2444MHz,
 Note :
 Test by : SMITH
 : Antenna Pattern
 SG O/P Level: 0dBm

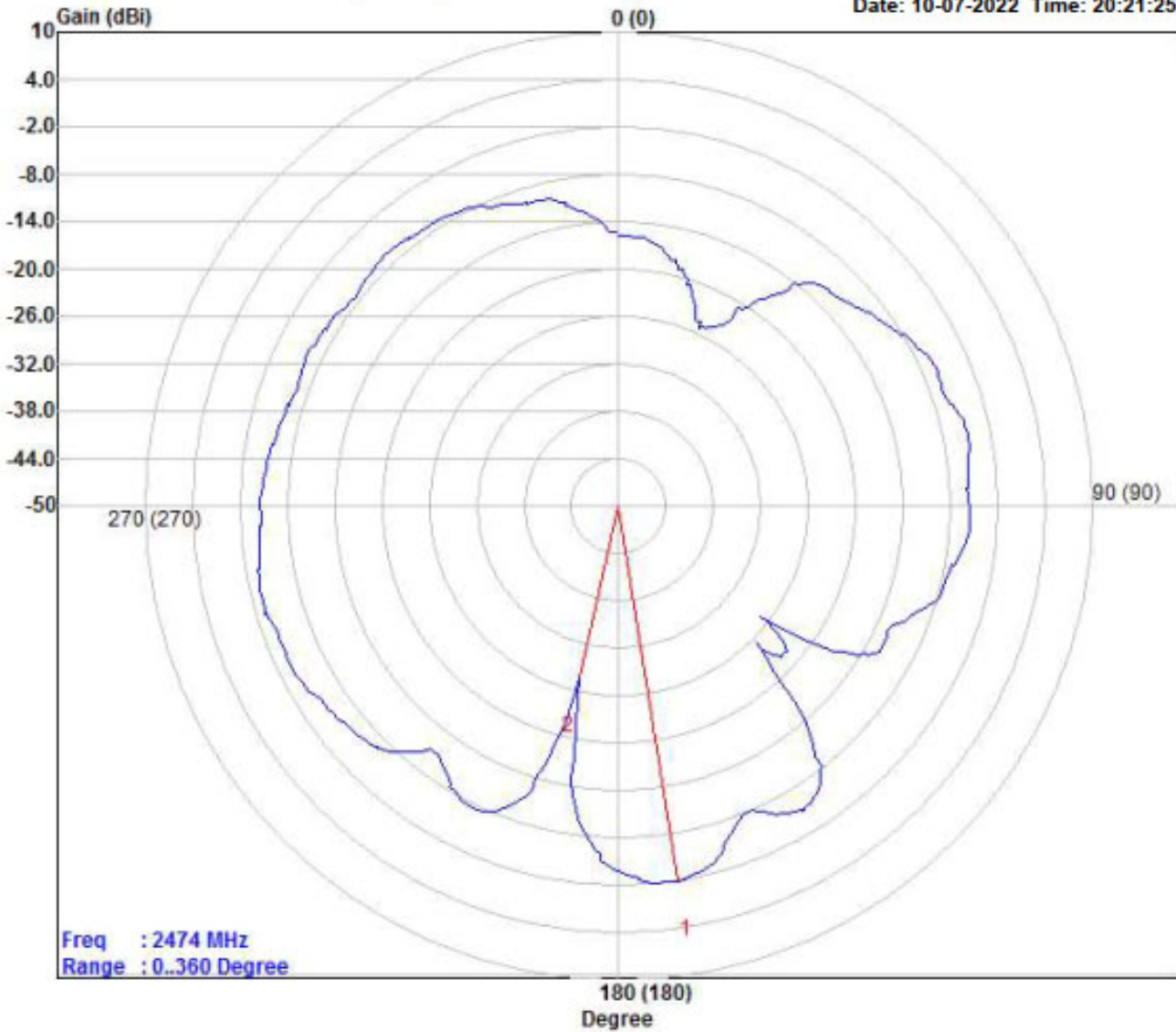
	Degree	Gain	Remark	Note
		dBi/m		
1	170.388	-1.19	Maximum	AVG:-7.77
2	193.107	-29.07	Minimum	



Trace:

Site : RF Chamber
 Condition : Vertical
 EUT : RG-2150
 Mode : TX CH:2444MHz,
 Note :
 Test by : SMITH
 : Antenna Pattern
 SG O/P Level: 0dBm

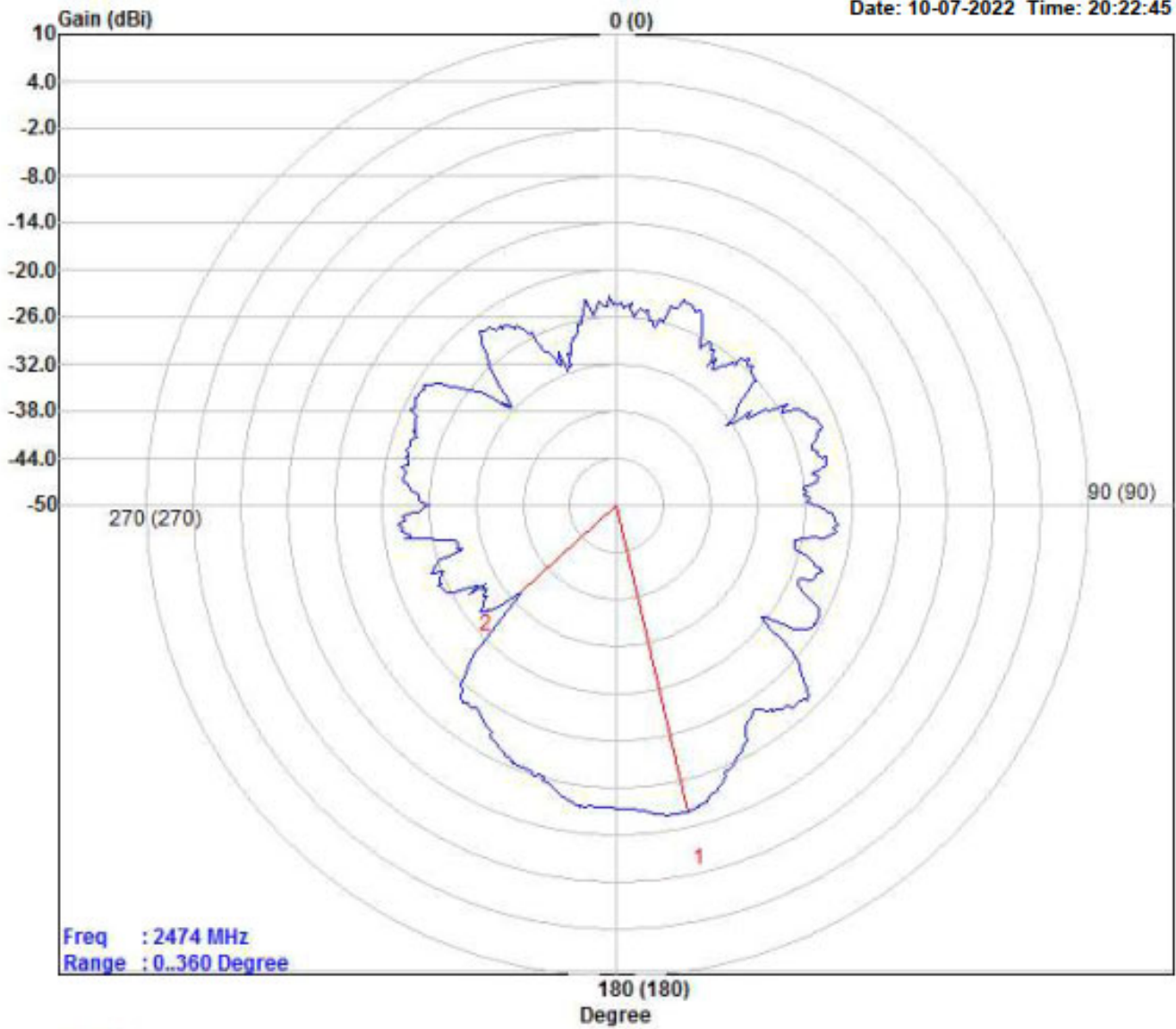
	Degree	Gain	Remark	Note
		dBi/m		
1	170.388	-9.85	Maximum	AVG:-20.62
2	314.563	-35.08	Minimum	



Trace:

Site : RF Chamber
 Condition : Horizontal
 EUT : RG-2150
 Mode : TX CH:2474MHz,
 Note :
 Test by : SMITH
 : Antenna Pattern
 SG O/P Level: 0dBm

	Degree	Gain	Remark	Note
		dBi/m		
1	171.262	-1.88	Maximum	AVG: -8.04
2	193.107	-27.72	Minimum	



Trace:

Site : RF Chamber
 Condition : Vertical
 EUT : RG-2150
 Mode : TX CH:2474MHz,
 Note :
 Test by : SMITH
 : Antenna Pattern
 SG O/P Level: 0dBm

Degree	Gain	Remark	Note
	dBi/m		
1	167.237	-9.95 Maximum	AVG:-20.52
2	227.971	-33.52 Minimum	