



權億科技股份有限公司
Master Wave Technology Co., Ltd.

承認書

APPROVAL SHEET

Customers: 邑錡股份有限公司

Customer Model No.: Ant. 2

Master Wave Model No.: 98P14PIPF000

Product Description: WIFI PCB Antenna

Issue Date: 2025. 07. 31

REV.: 00

客戶承認用印		權億承認用印	
			
核准 Approve	主管 Chief	承辦 Responsible	
Tony	Pierce	Jie	

MASTER WAVE TECHNOLOGY CO., LTD.

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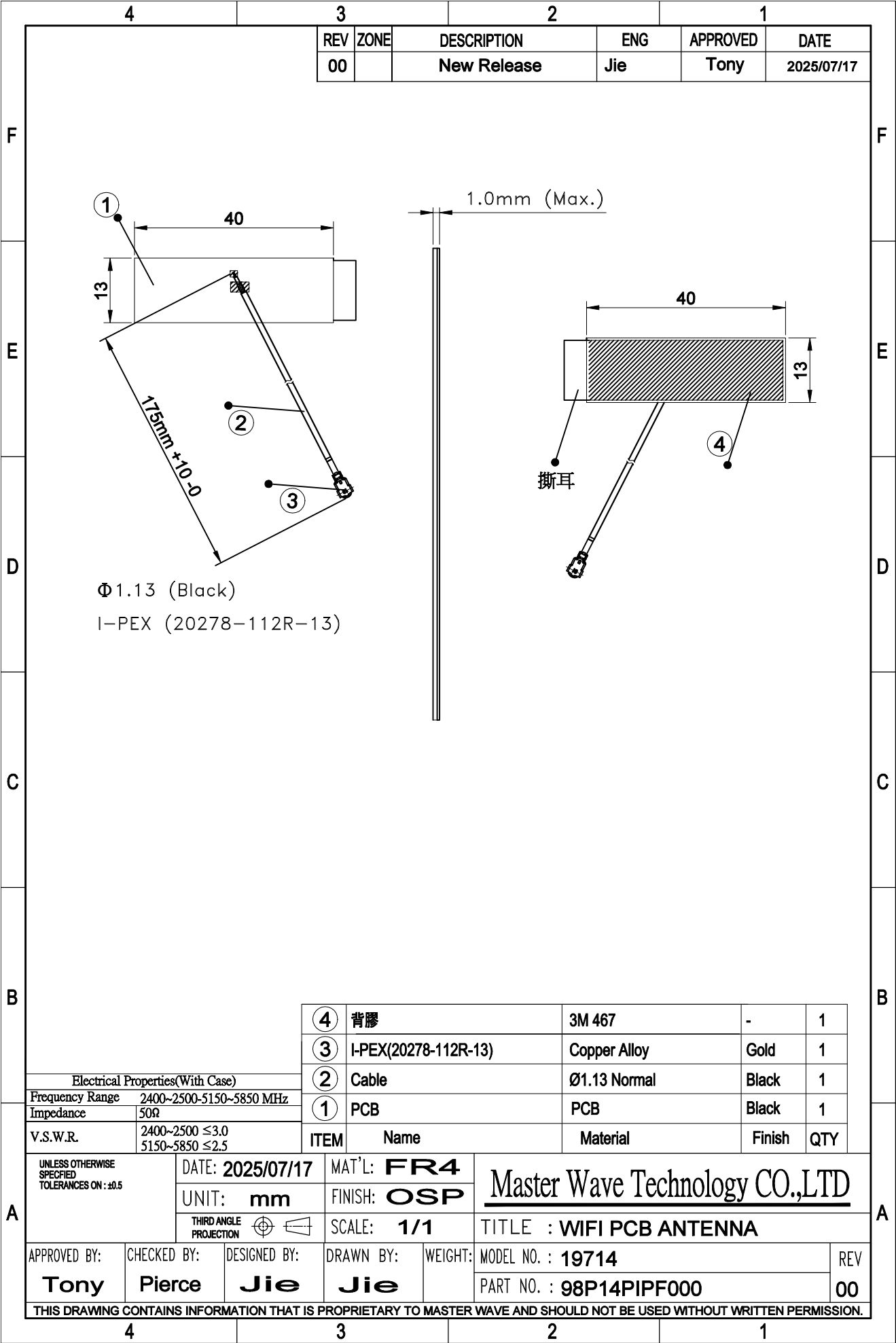
-Electrical test

-Antenna Efficiency

-Pattern test

Modification History:

REV.	Date	Content
00	2025.07.31	



Electrical Properties(With Case)	
Frequency Range	2400~2500-5150~5850 MHz
Impedance	50Ω
V.S.W.R.	2400~2500 ≤3.0 5150~5850 ≤2.5

④	背膠	3M 467	-	1
③	I-PEX(20278-112R-13)	Copper Alloy	Gold	1
②	Cable	Ø1.13 Normal	Black	1
①	PCB	PCB	Black	1
ITEM	Name	Material	Finish	QTY

UNLESS OTHERWISE SPECIFIED TOLERANCES ON : ±0.5	DATE: 2025/07/17	MAT'L: FR4	Master Wave Technology CO.,LTD	
	UNIT: mm	FINISH: OSP		
	THIRD ANGLE PROJECTION	SCALE: 1/1	TITLE : WIFI PCB ANTENNA	
APPROVED BY: Tony	CHECKED BY: Pierce	DESIGNED BY: Jie	DRAWN BY: Jie	WEIGHT: MODEL NO. : 19714
				PART NO. : 98P14PIPF000

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MASTER WAVE AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



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Master Wave Technology Co., Ltd.

Packing

4	3	2	1			
	REV	ZONE	DESCRIPTION	ENG	APPROVED	DATE
	00		New Release	Jle	Tony	2025/07/17

F

E

D

C

B

A

25PCS Antenna A Bundle
50PCS Antenna Per bag and seal
(25支天線綁一束, 每包50支天線並封口)

Outside the carton:
Stick the label on the side mark
(將標籤貼於外箱側面)

DATE: 2025/07/17	MAT'L:	 權億科技股份有限公司 Master Wave Technology Co., Ltd.
UNIT: mm	FINISH:	
WIRE ANGLE PRESENTATION	SCALE: -	

TITLE : WIFI PCB ANTENNA

APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:	WEIGHT:	MODEL NO. : 19714	REV
Tony	Pierce	Jle	Jle		PART NO. : 98P14PIPF000	00

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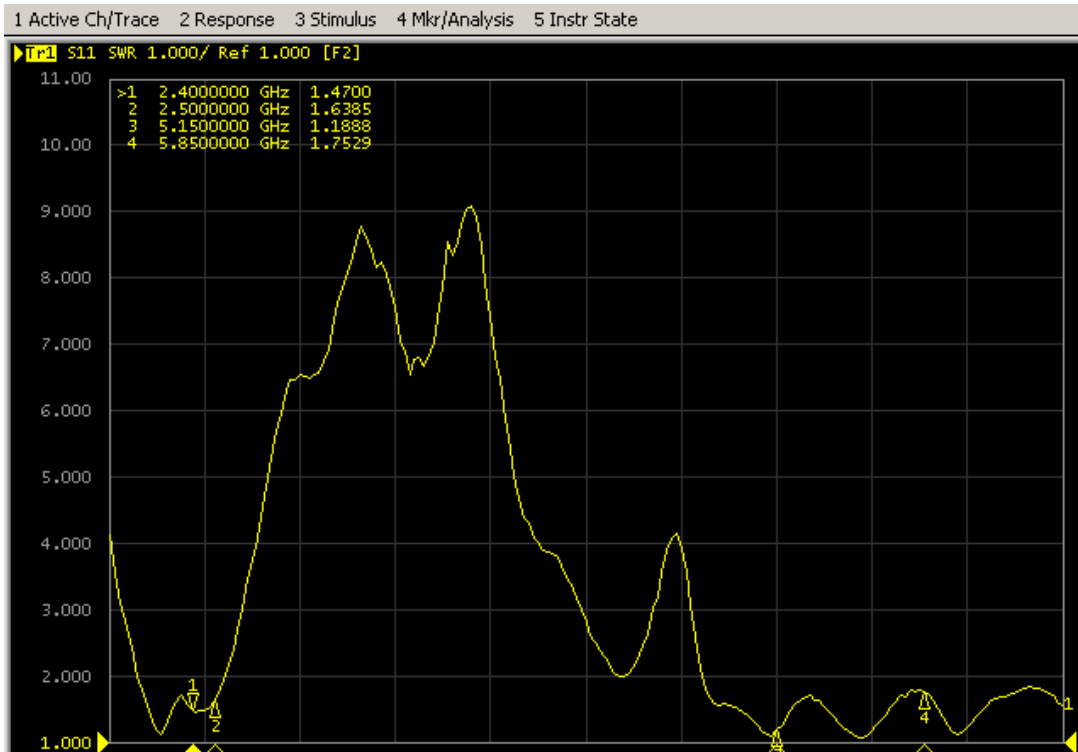
3

2

1



Electrical Test





Antenna Performance

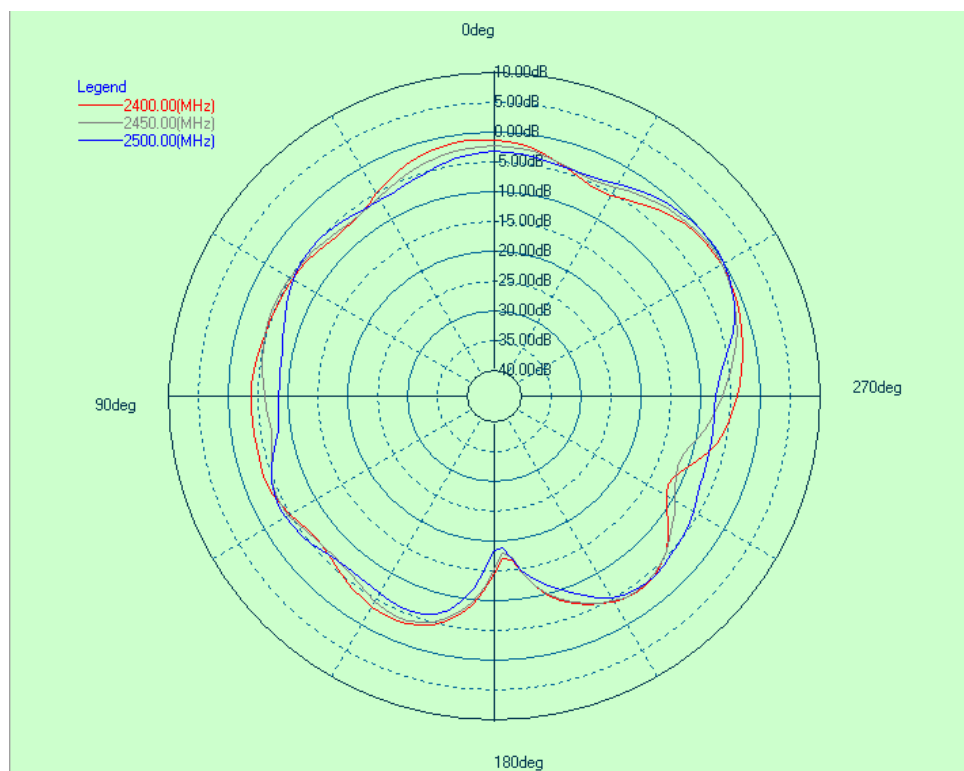
Ant.2(Wi-Fi)		
Freq.	Peak Gain (dBi)	Effi.
2400MHz	2.77	50%
2450MHz	4.21	52%
2500MHz	4.04	50%
5150MHz	8.01	61%
5350MHz	7.15	61%
5550MHz	6.94	58%
5725MHz	7.72	62%
5850MHz	8.41	64%



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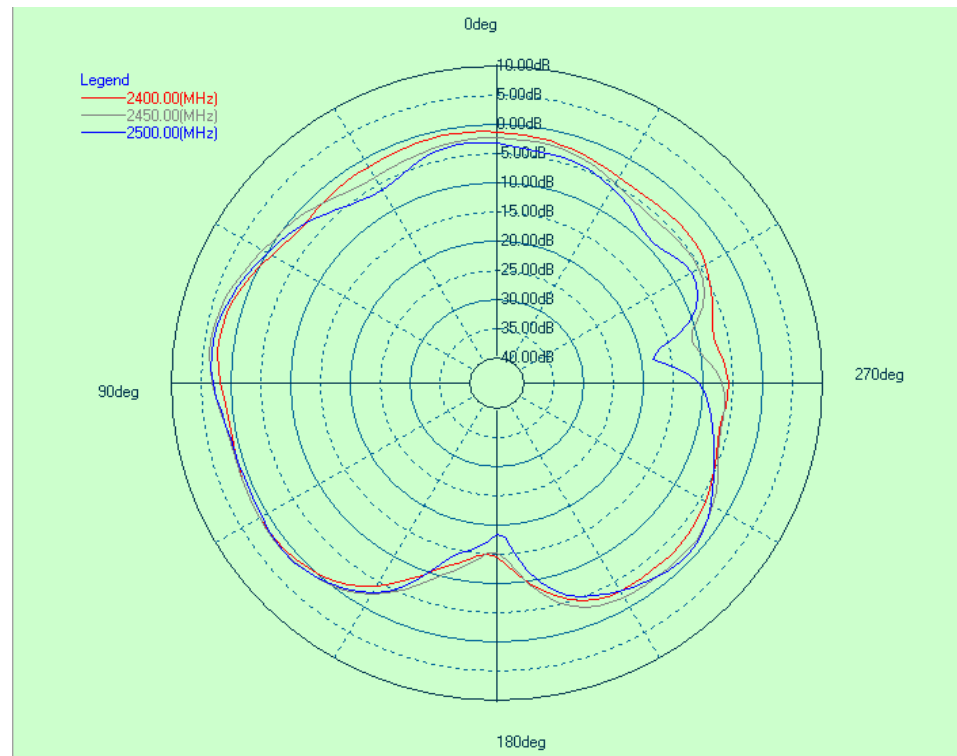
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2D Radiation Pattern 2400~2500 MHz XZ Plane



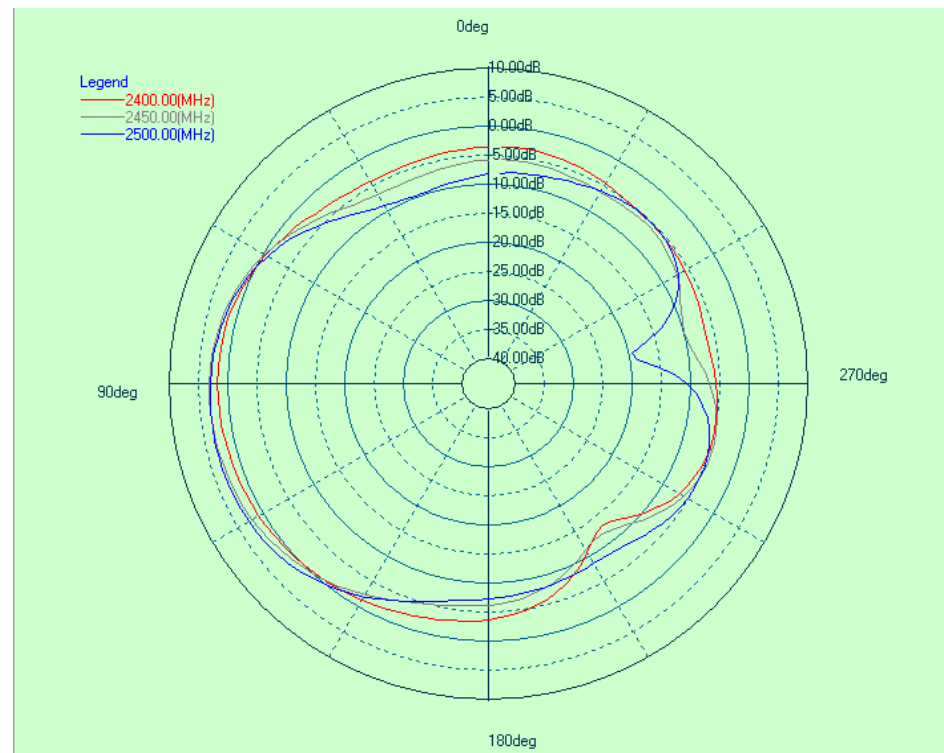


2D Radiation Pattern 2400~2500 MHz YZ Plane





2D Radiation Pattern 2400~2500 MHz XY Plane

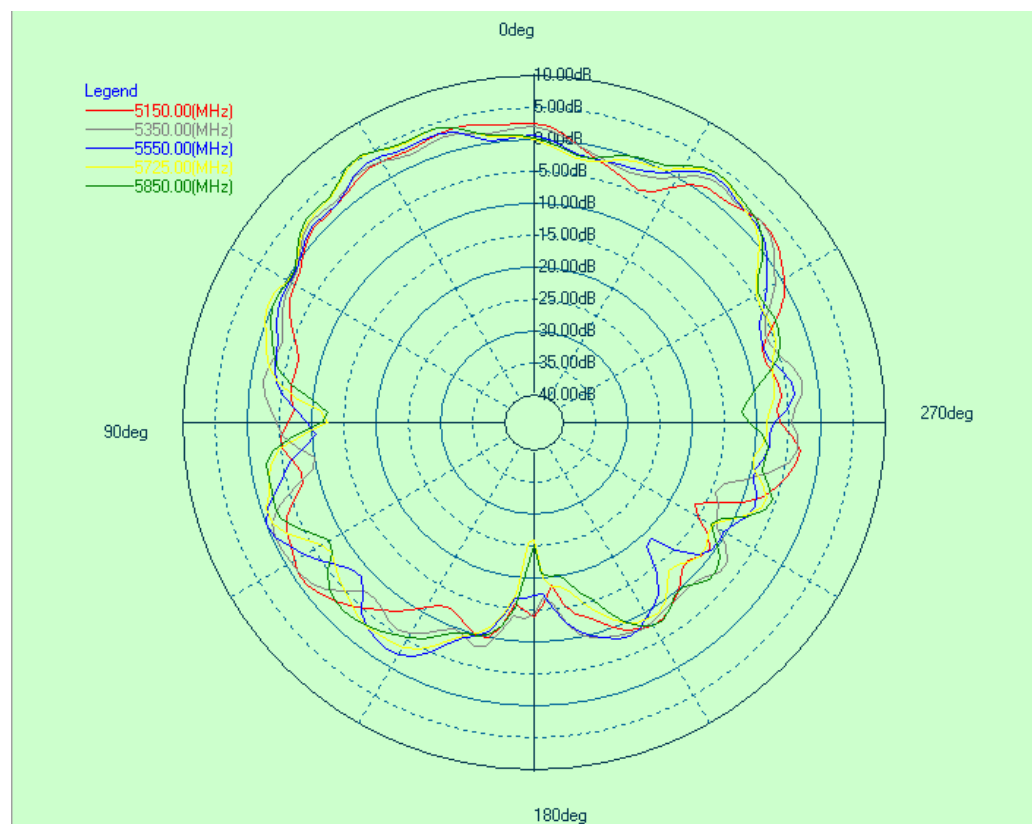




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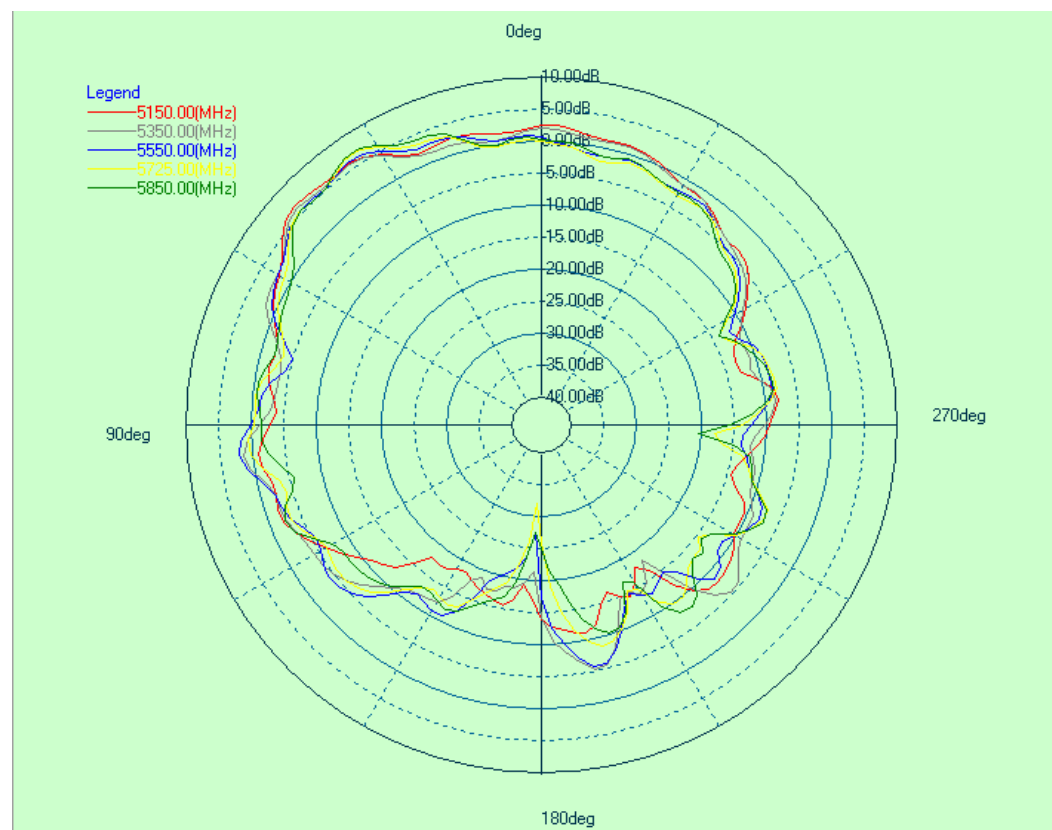
Master Wave Technology Co., Ltd.

2D Radiation Pattern 5150~5850 MHz XZ Plane





2D Radiation Pattern 5150~5850 MHz YZ Plane





2D Radiation Pattern 5150~5850 MHz XY Plane

