



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

承認書

APPROVAL SHEET

Customers: NETGEAR Inc.

Customer Model No.:

Master Wave Model No.: 907X00747X88

Product Description: 2+5G 銅管天線

Issue Date: 2022.01.21

REV.: 00

客戶承認用印 Customer Approved		權億承認用印 Confirmation Signature	
			
核准 Approve	主管 Chief	承辦 Responsible	
Larry	Tony	Alice	

MASTER WAVE TECHNOLOGY CO., LTD.

權億科技股份有限公司

Address: No. 19, Hezun N. Rd., Zhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)

Tel: +886-3-4529998 Fax: +886-3-4522866

Suzhou Shengyih Electronics Plastic Co. Ltd (Shou Zhou)

聲億電子塑膠有限公司(蘇州廠)

Address: No.95 Wusong south Rd of Luzhi Town Wu zhong Area Suzhou City, China

Tel : +86-512-65046030 Fax : +86-512-65046033

Shengyih Electronic Co. Ltd (Dongguan)

聲億電子有限公司(東莞廠)

Address: Mu-Lun Administration Area, Changping Town, Dongguan City, Guangdong Province, China

Tel : +86-769-83914045 Fax : +86-769-83914046



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1. Antenna Specifications

-Drawing

2. Packing

-PE Bag

-Carton

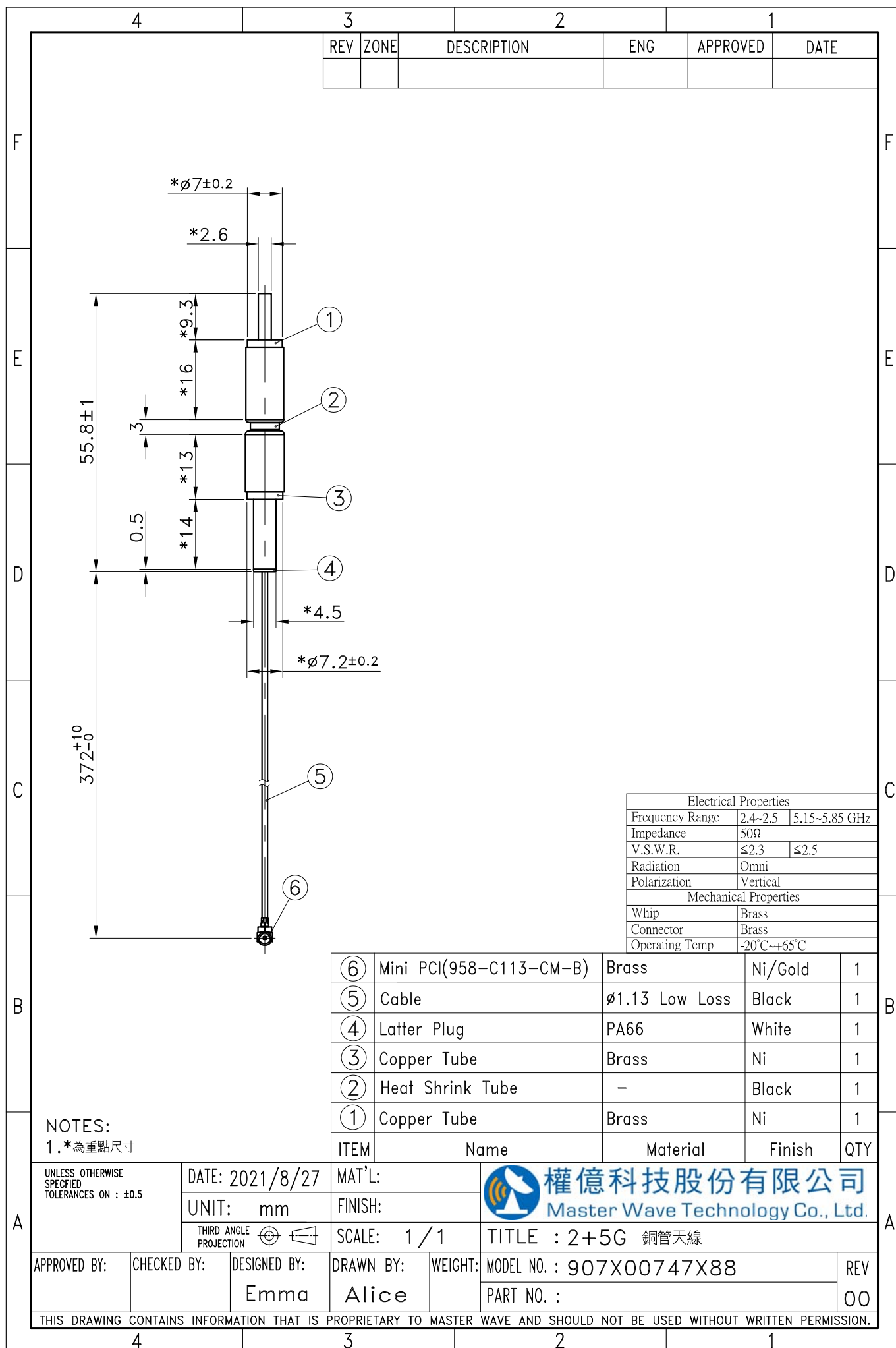
3. Material Certifications

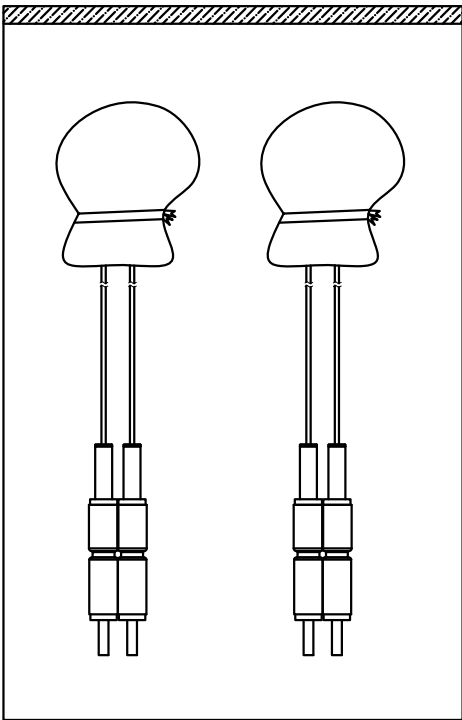
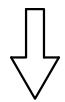
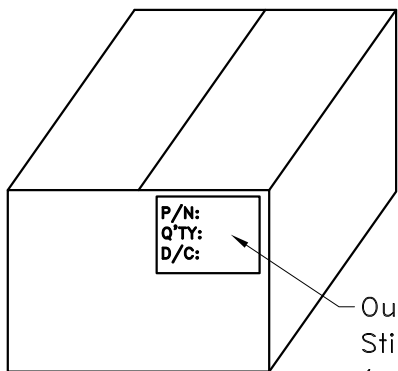
-Connector

-Cable

Modification History:

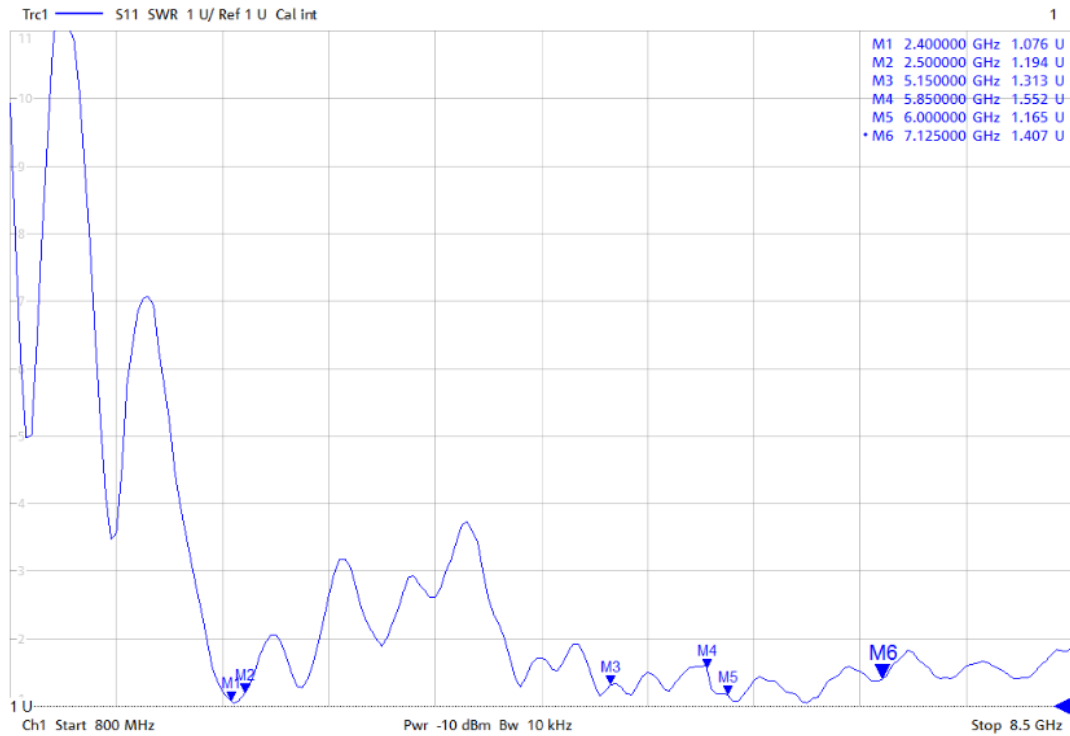
REV.	Date	Content
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		REV	ZONE	DESCRIPTION		ENG	APPROVED																																																
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F	 25PCS Antenna A Bundle 50PCS Antenna Per bag and seal (25支天線綁一束, 每包50支天線並封口)							F																																															
E								E																																															
D								D																																															
C								C																																															
B	  Outside the carton : Stick the label on the upper right side (紙箱外：將標籤黏貼在右上方)							B																																															
A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="2"></td> <td colspan="2">DATE: 2021/8/27</td> <td colspan="2">MAT'L:</td> <td rowspan="2" style="text-align: center;">  權億科技股份有限公司 Master Wave Technology Co., Ltd. </td> </tr> <tr> <td colspan="2">UNIT: mm</td> <td colspan="2">FINISH:</td> </tr> <tr> <td colspan="2" rowspan="2">APPROVED BY:</td> <td colspan="2" rowspan="2">CHECKED BY:</td> <td colspan="2" rowspan="2">DESIGNED BY:</td> <td colspan="2" rowspan="2">DRAWN BY:</td> <td colspan="2" rowspan="2">WEIGHT:</td> <td colspan="2">TITLE : 2+5G 銅管天線 Packing</td> </tr> <tr> <td colspan="2">MODEL NO. : 907X00747X88</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">PART NO. :</td> <td colspan="2"></td> <td>REV</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>00</td> </tr> </table>									DATE: 2021/8/27		MAT'L:		 權億科技股份有限公司 Master Wave Technology Co., Ltd.	UNIT: mm		FINISH:		APPROVED BY:		CHECKED BY:		DESIGNED BY:		DRAWN BY:		WEIGHT:		TITLE : 2+5G 銅管天線 Packing		MODEL NO. : 907X00747X88								PART NO. :				REV											00	A
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MASTER WAVE AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																																																							
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Electrical Test



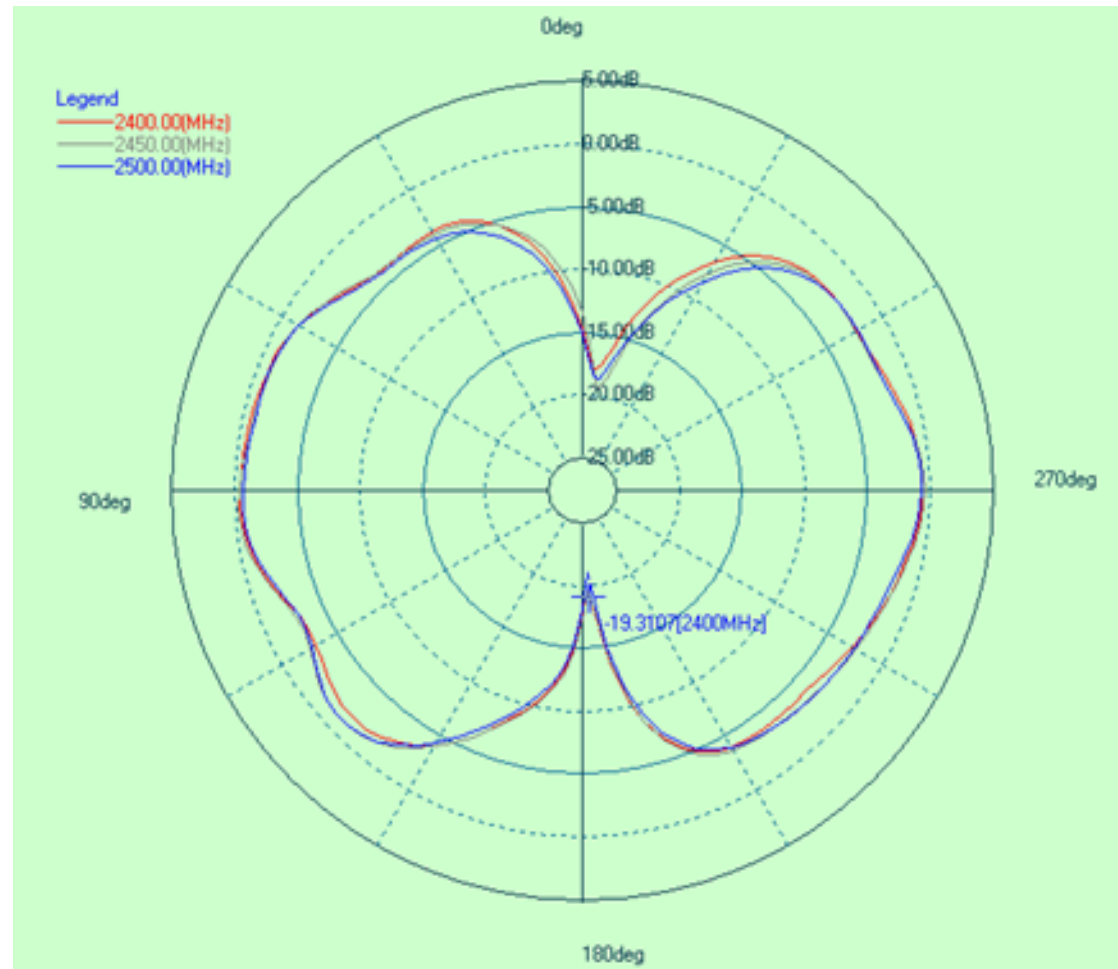


Antenna Efficiency

Frequency(MHz)	2400	2450	2500
Efficiency (%)	65%	66%	67%
Peak Gain (dBi)	0.49	0.64	0.54
Frequency(MHz)	5150	5550	5850
Efficiency (%)	60%	62%	61%
Peak Gain (dBi)	1.24	1.47	1.51



2D Radiation Pattern 2400.2450.2500 MHz XZ Plane

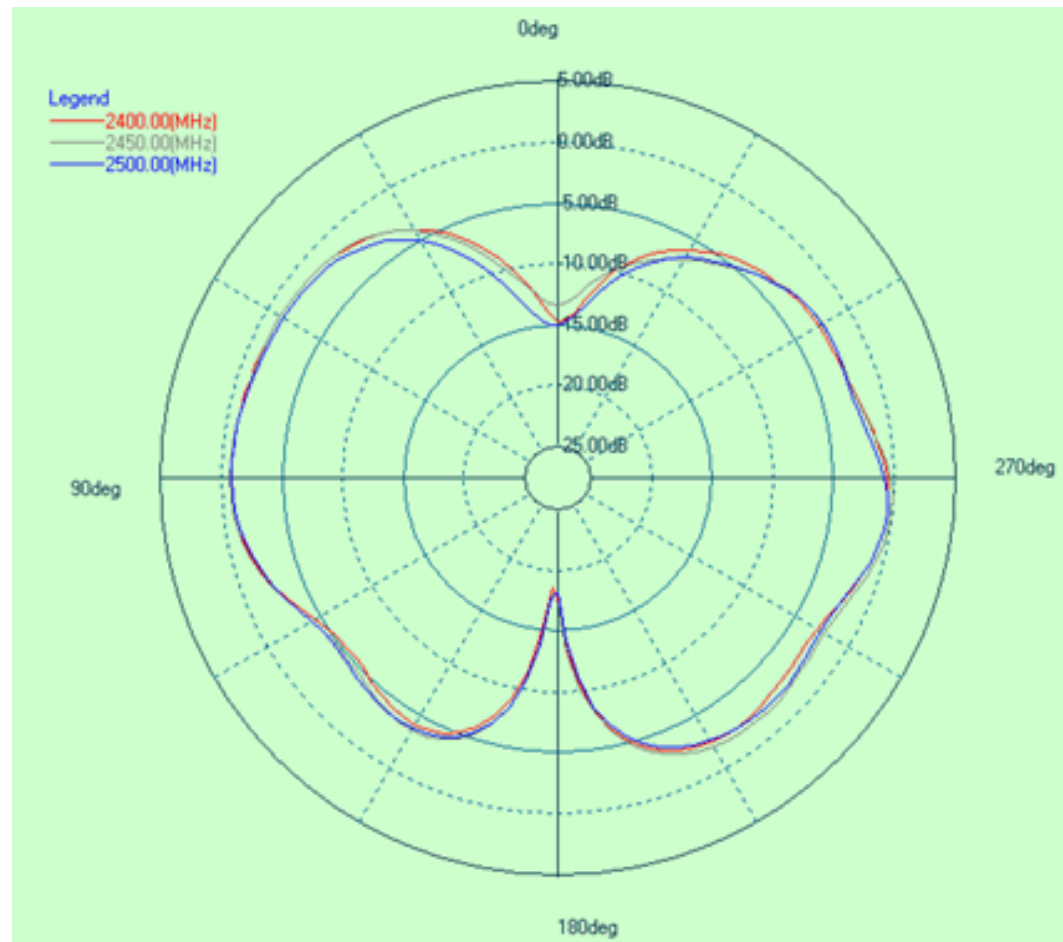




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2D Radiation Pattern 2400.2450.2500 MHz YZ Plane

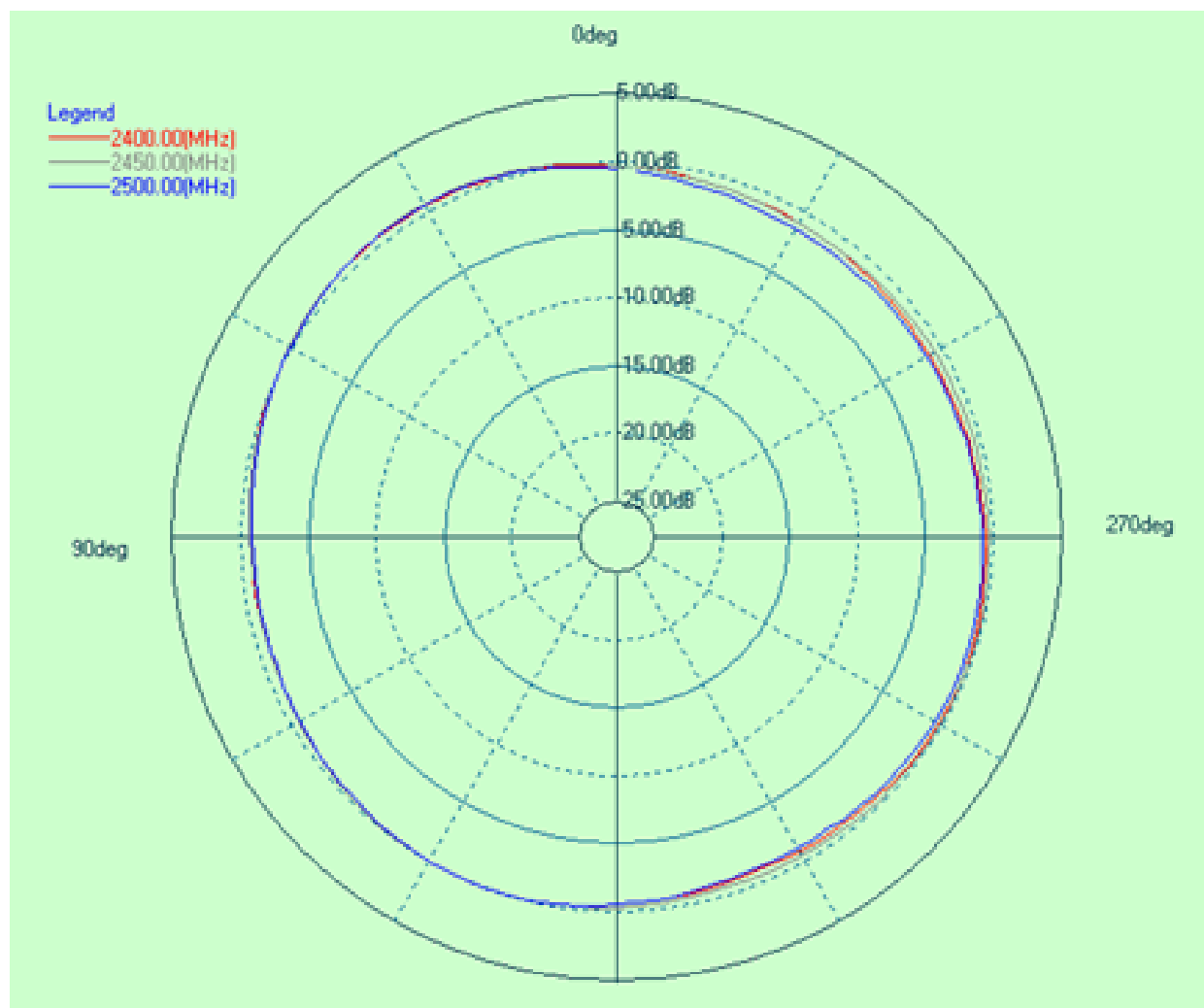




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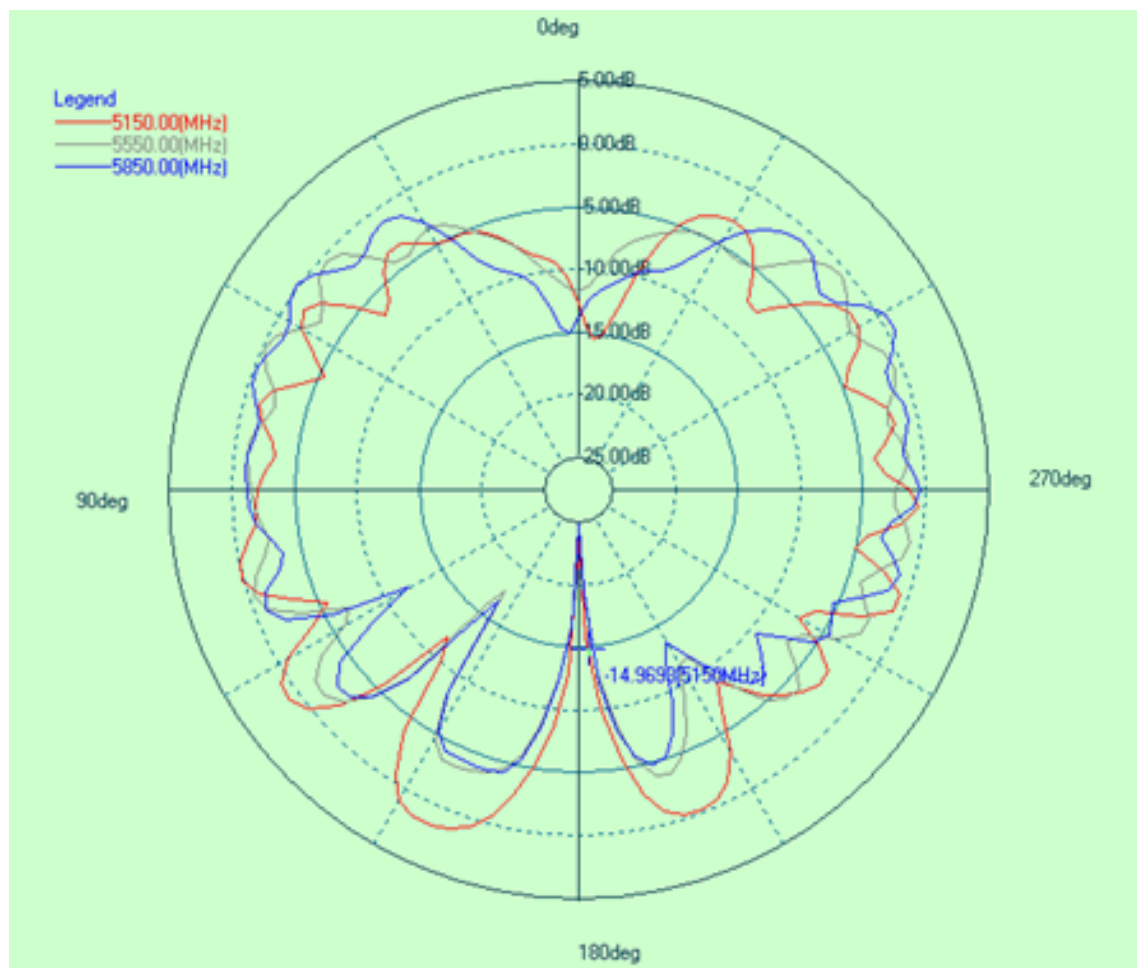
Master Wave Technology Co., Ltd.

2D Radiation Pattern 2400.2450.2500 MHz XY Plane



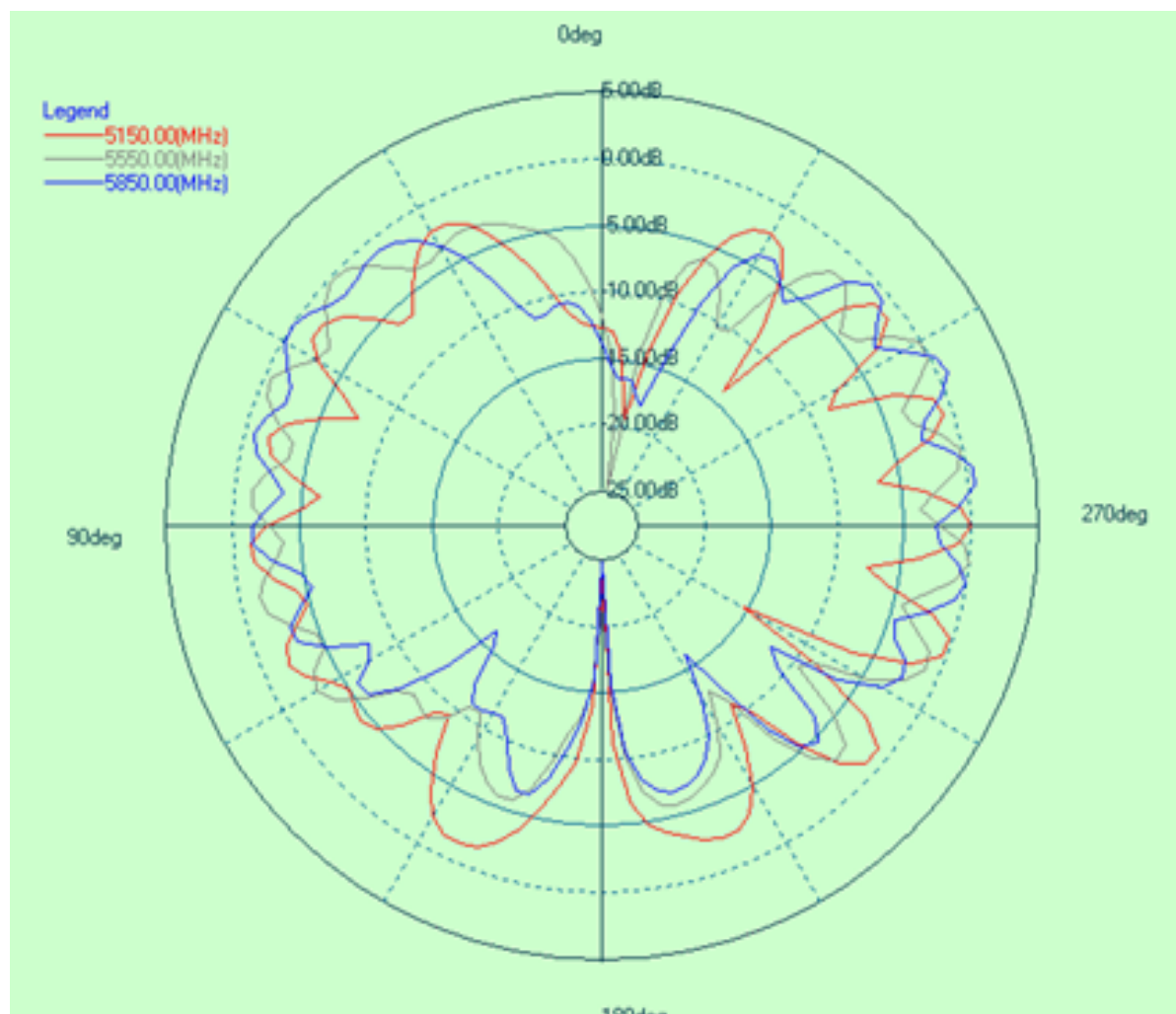


2D Radiation Pattern 5150~5850 MHz XZ Plane





2D Radiation Pattern 5150~5850 MHz YZ Plane

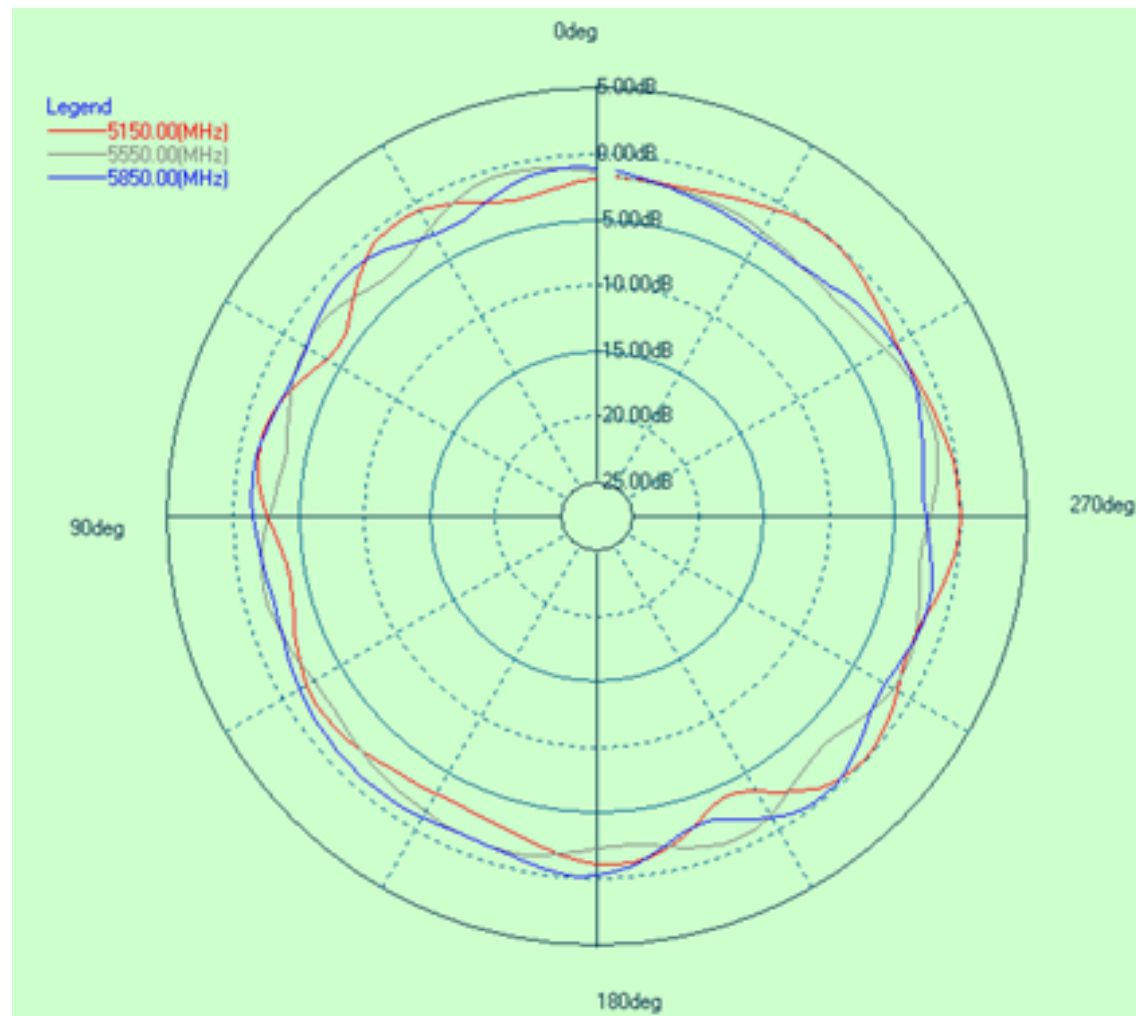


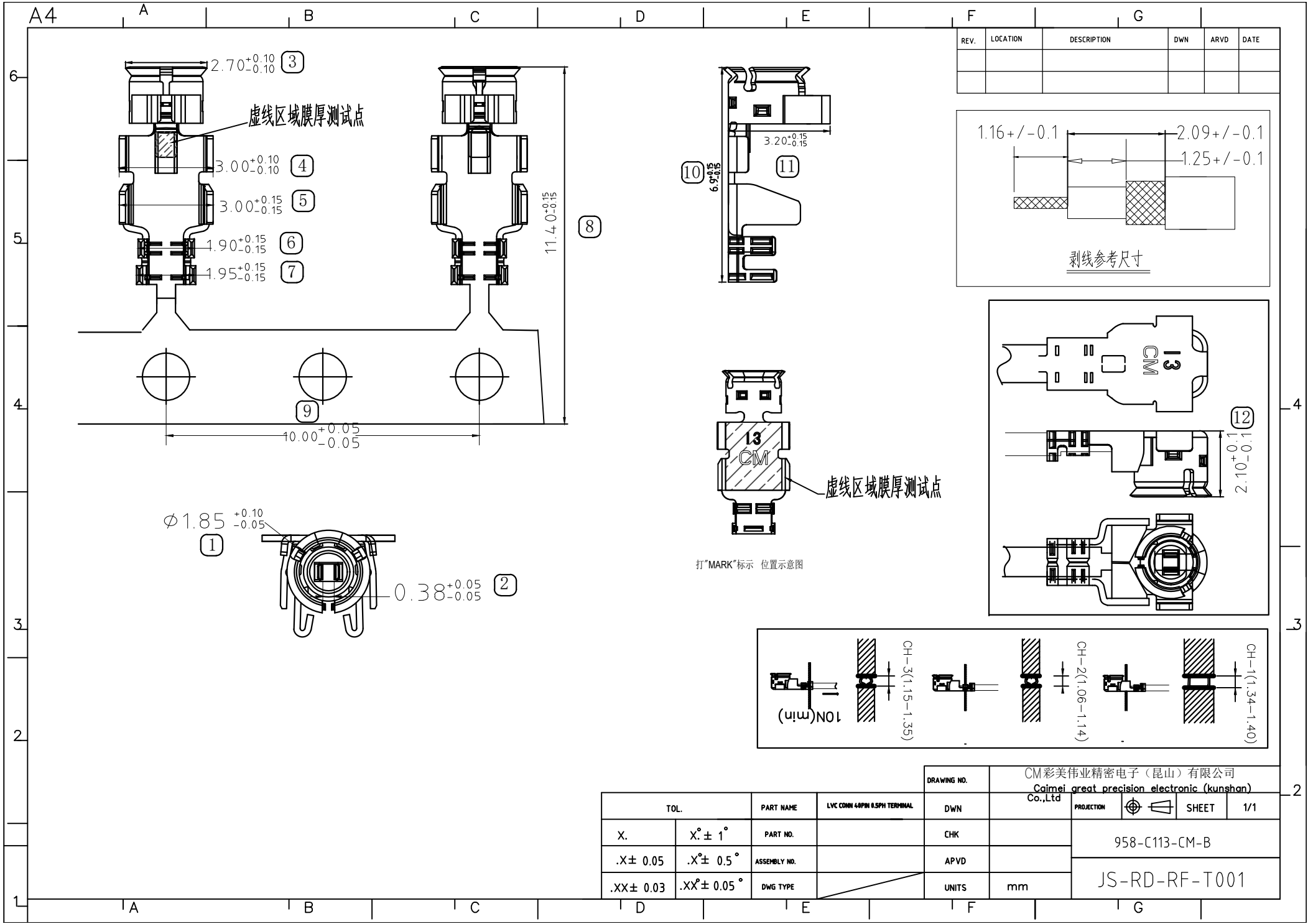


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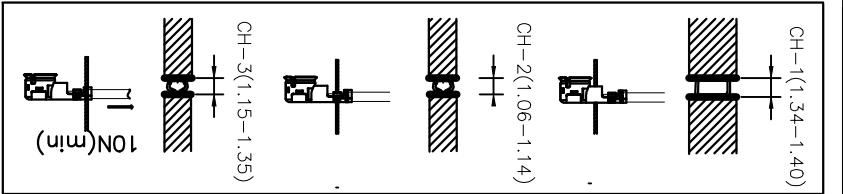
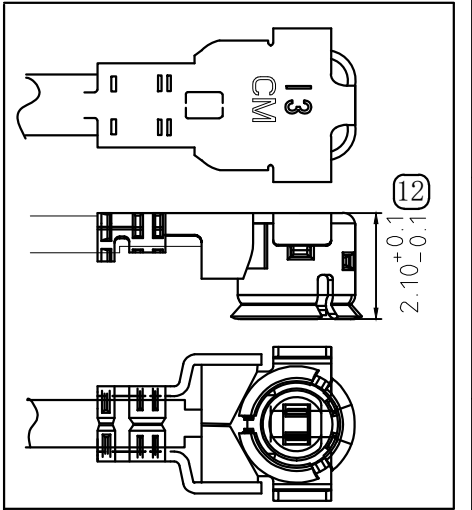
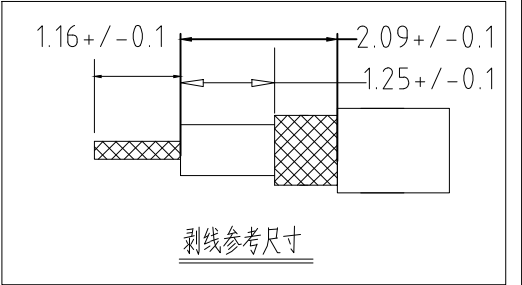
Master Wave Technology Co., Ltd.

2D Radiation Pattern 5150~5850 MHz XY Plane





REV.	LOCATION	DESCRIPTION	DWN	ARVD	DATE



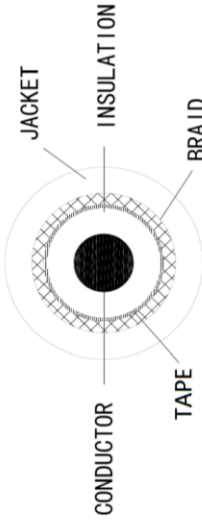
DRAWING NO.				CM 彩美伟业精密电子（昆山）有限公司 Gaimei great precision electronic (kunshan) Co.,Ltd			
TOL.	PART NAME	LVC CONN 40PIN 0.5PH TERMINAL	DWN	CHK	APVD	UNITS	mm
X.	X° ± 1°	PART NO.	CHK	CHK	APVD	UNITS	mm
.X ± 0.05	.X° ± 0.5°	ASSEMBLY NO.	CHK	CHK	APVD	UNITS	mm
.XX ± 0.03	.XX° ± 0.05°	DWG TYPE	CHK	CHK	APVD	UNITS	mm

PROJECTION	SHEET	1/1
958-C113-CM-B	958-C113-CM-B	958-C113-CM-B
JS-RD-RF-T001	JS-RD-RF-T001	JS-RD-RF-T001



線材規格

CABLE SPECIFICATION

SPECIFICATION: 1.13mm CABLE (Low Loss)			CONSTRUCTION D.W.G		
ITEM		SPECIFICATION			
CONDUCTOR	MATERIAL	Silver-coated Copper Wire			
	Composition(No./mm)	7/0.08			
	NOM.O.D(mm)	0.24±0.05			
INSULATION	Material	FEP(Natural)			
	Nom.Thick.(mm)	0.24			
	NOM.O.D(mm)	0.73±0.05			
TAPE	MATERIAL	Copper Mylar Tape			
	Composition(mm)	Vertical Wrapping the Copper Mylar Tape of 0.015			
BRAID	MATERIAL	Tinned annealed copper wire			
	Composition(mm)	Single Braid of 0.05			
JACKET	MATERIAL	FEP(*color)			
	Nom.Thick(mm)	0.1			
	Nom.O.D(mm)	1.18±0.05			
	Color	According to corresponding have approved by the suppliers and customers			
Electrical Properties(at 20℃)					
Item		Unit	Details		
Conductor Resistance		Ω/km	Max.581		
Insulation Resistance		MΩ.km	Min.500		
Dielectric Strength		V(AC)/min	500		
Capacitance		pF/m	98		
REMARK					
Standing wave(0-6GHz)					
Rating Voltage		V	30		
MASTER WAVE TECHNOLOGY CO., LTD.					
CHECKED		DATE		2020/8/26	
DRAWING		REV		B	