

Product Specification Overview

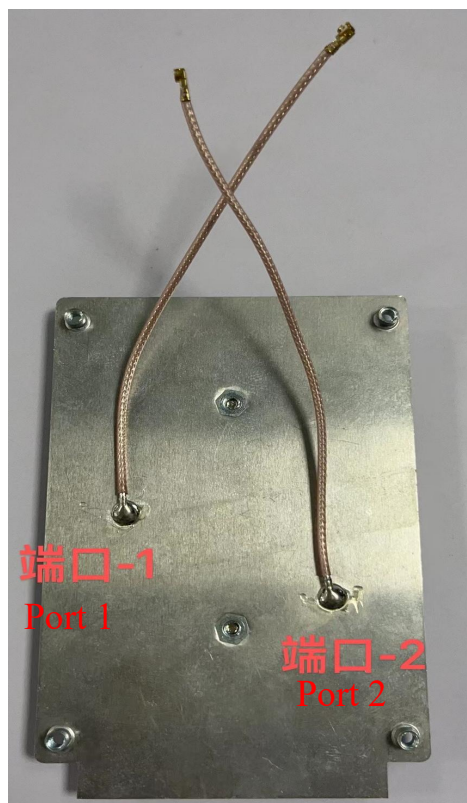
●Electrical Performance:

1. Frequency Range: 5.8 GHz
2. Impedance: 50 Ohms nominal
3. VSWR: ≤ 1.92
4. Gain: 10dBi
5. Admitted power radiation: 1W
6. Radiation of Radiation: Toroidal
7. Radiation: Omni
8. Polarization: Vertical
9. Connector Type: IPEX

●Mechanical properties:

1. Cable: RG1.78/brown, 50 Ohm
2. Operation temperature range: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
3. Storage temperature range: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
4. Color:

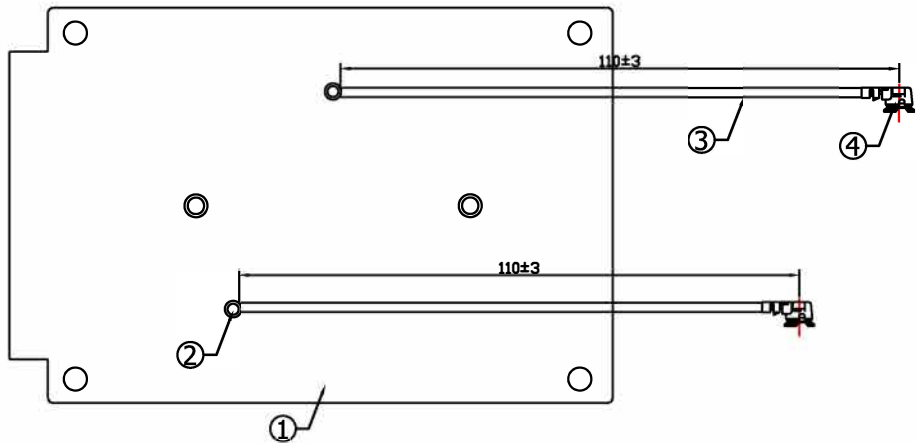
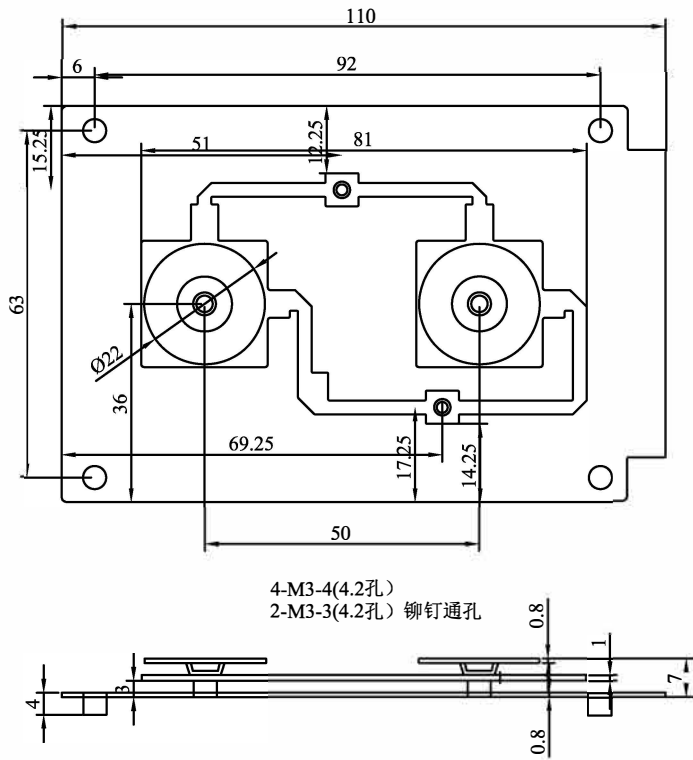
●The product structure pictures



成品图



REV.	修 订 内 容	修 订 时 间
X1	新 版 发 行	2023.9.13



Specification:
Frequency
Rang:5150-5850MHz

1	Aluminium sheet	L100xW63X1mm	1	
2	Screw	H*2D6mm	1	
3	Cable	RG178Cable,Orange50,Ω	1	
4	Connector	MHF Plug for RG 178Cable	1	
NO	DESCRIPTION		Q'TY	REMARK

TITLE:		Flat antenna		深圳市麒新弘泽科技有限公司 ShenZhen Keesun Technology Co.,Ltd							
P/N:											
CUSTOMER:		KS030									
DRAW NO.:		KS030-10191-A				APPROVED					
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED						CHECKED					
一般公差 TOLERANCE		.XXX	±0.05	XX.	±1.0	SHEET: 1/1	SCALE: 1:1	UNIT: mm	REV.X1	DRAWED	李 家 茵
		.XX	±0.1								
		.X	±0.2								
		X.	±0.5								

ShenZhen Keesun Technology Co., Ltd

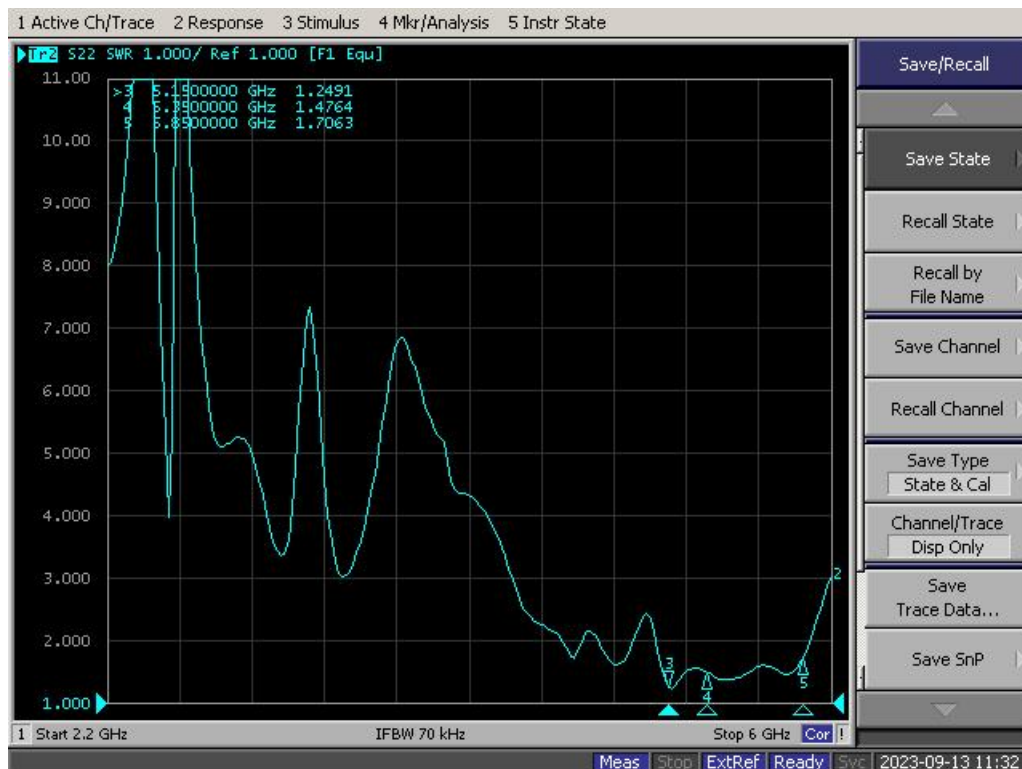
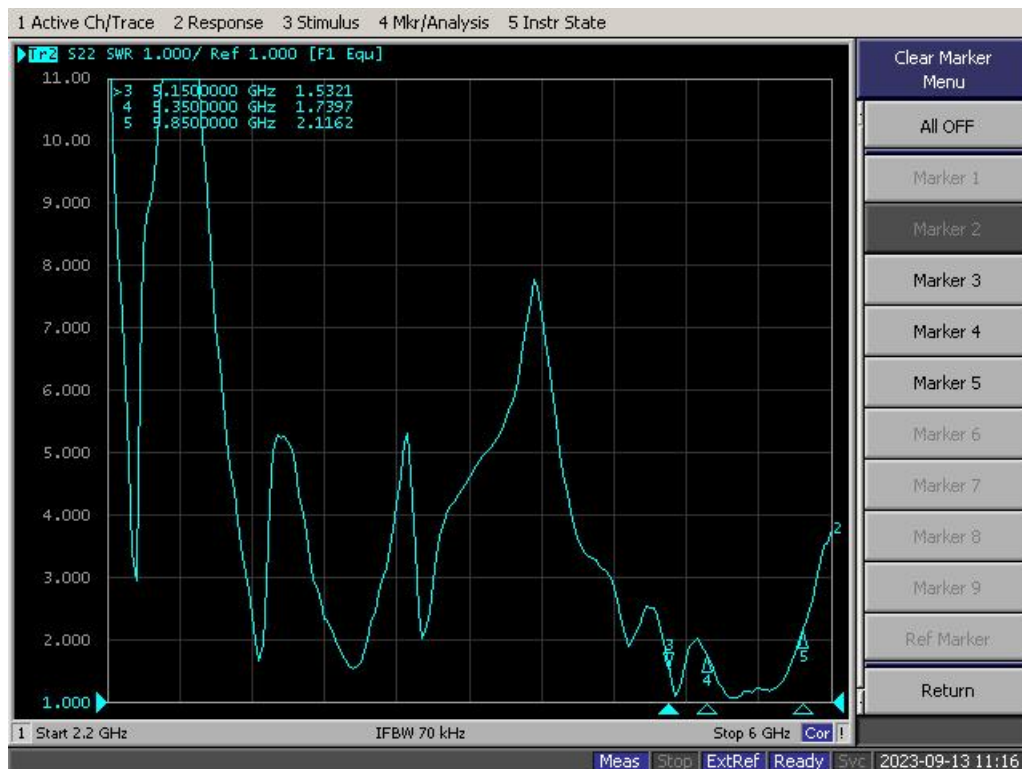
深圳市麒新弘泽科技有限公司

Network analyzer test chart

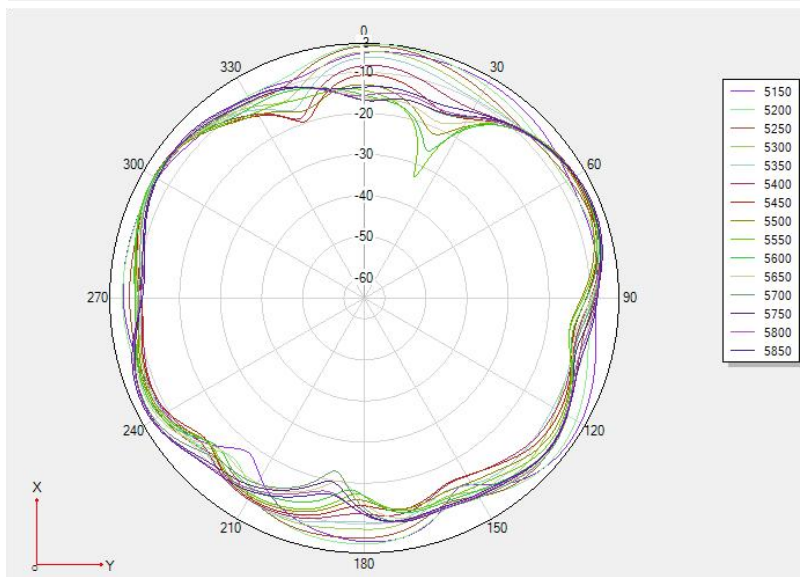
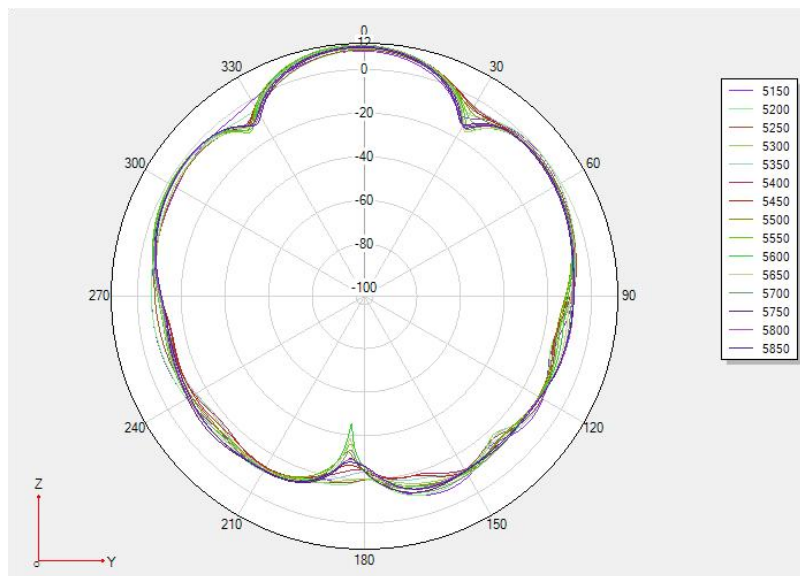
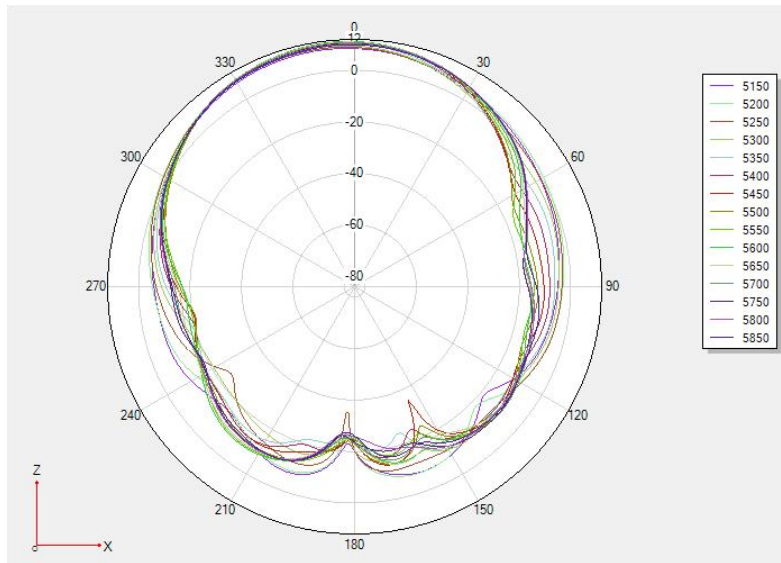
Part number: KS030-10191-A

Product name: 5.8G CPE Flat antenna (two oscillators)

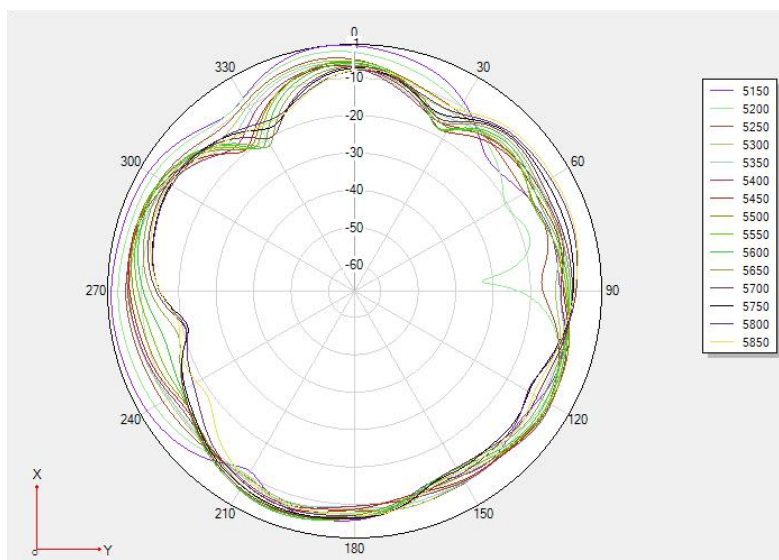
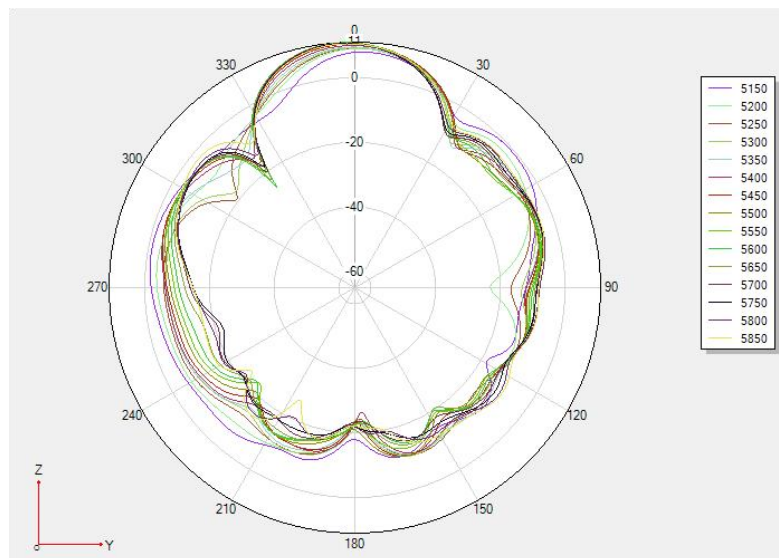
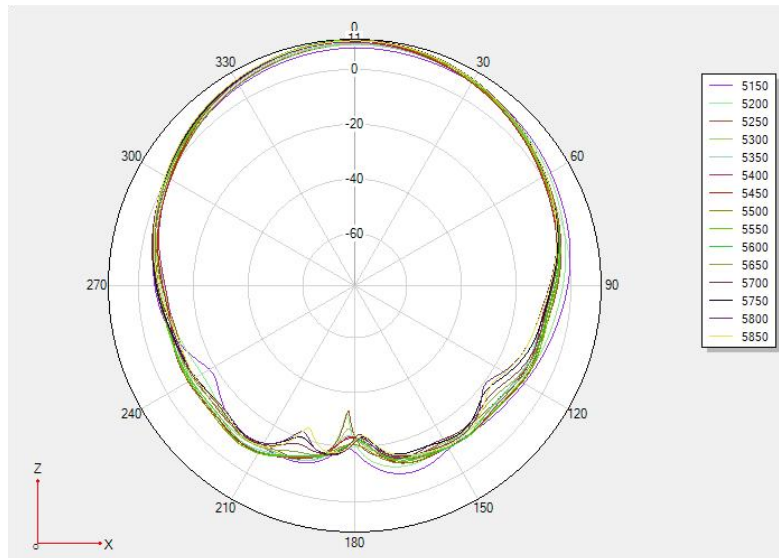
RG178 line+IPEX test value:Return Loss/VSWR



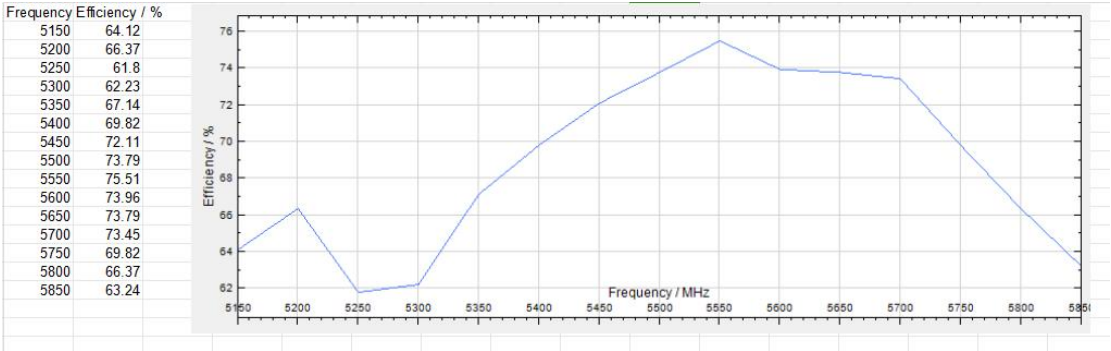
Antenna 2D Report(5.8GHz)-P o r t 1



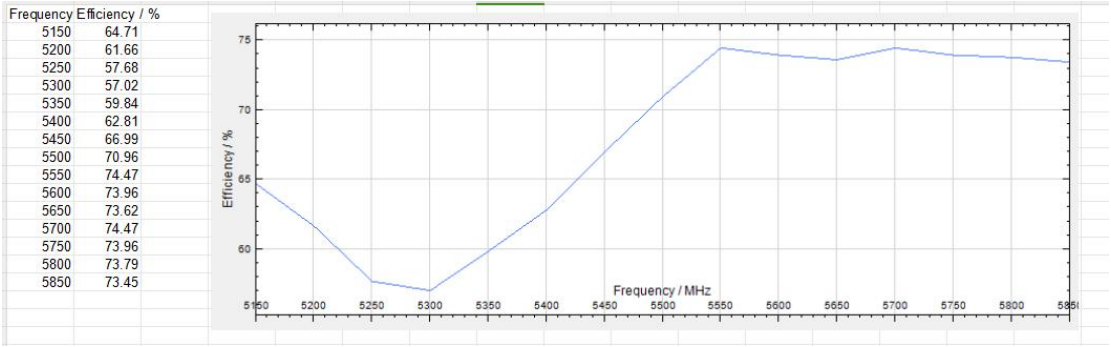
Antenna 2D Report(5.8GHz)-P o r t 2



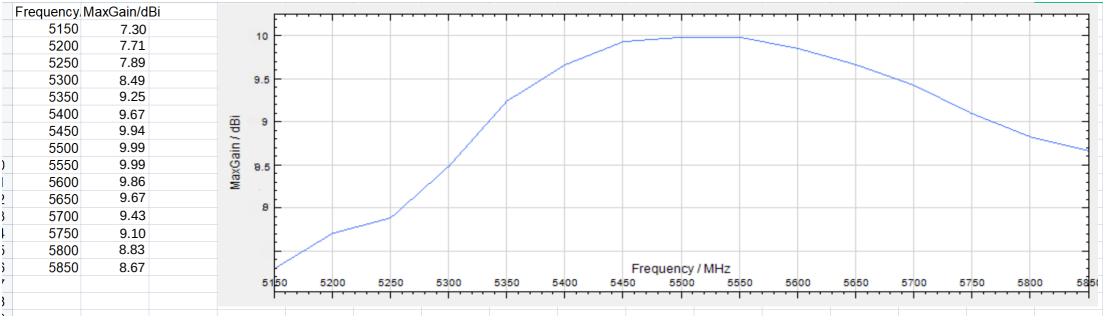
Antenna Efficiency(5.8GHz)-P o r t 1



Antenna Efficiency(5.8GHz)-P o r t 2



Antenna Gain(5.8GHz)-Port 1



Antenna Gain(5.8GHz)-Port 2

