



深圳市鑫尔盛科技有限公司

ShenZhen XinErSheng Technology Co.,Ltd

Product Specification

Name of Product: SFANT12G1252

Customer material number: LW-ANT-0159

Manufacturer's material number: **SFANT12G13289**

Address: 3rd Floor, Building D, No. 96, Lingxia Road, Fuyong
Fenghuang Fourth Industrial Zone, Bao 'an District, Shenzhen

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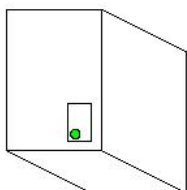
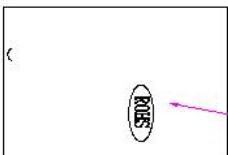
Main technical specifications

Frequency Range(GHZ):	5.15-5.85
Impedance(Ω):	50 ± 10
Gain(dBi):	2.81(Max)
ReTurnLoss(dB):	≤ -10
VSWR:	≤ 1.92
Admitted Power:	1W
Polarization:	Linear Vertical
Connector Type:	Weld
Physical Properties	
Antenna Base:	copper
Operating Temp:	-20℃-+60℃
Storage Temp:	-20℃-+70℃

成品图



ROHS环保标签



1. 外箱需贴IPCS/ROSH标签于外箱标签上
2. 外箱需贴IPCS/外箱标签于外箱侧麦右上角

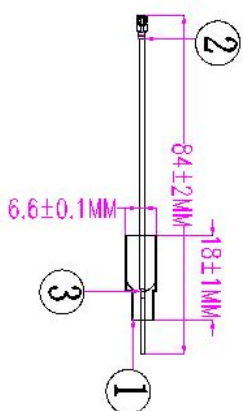
Specification:

Frequency Rang: 5150-5850MHZ

Return Loss:-10dB or less

VSRW¹ 1.92 Max

Gain: 2.5 dbi



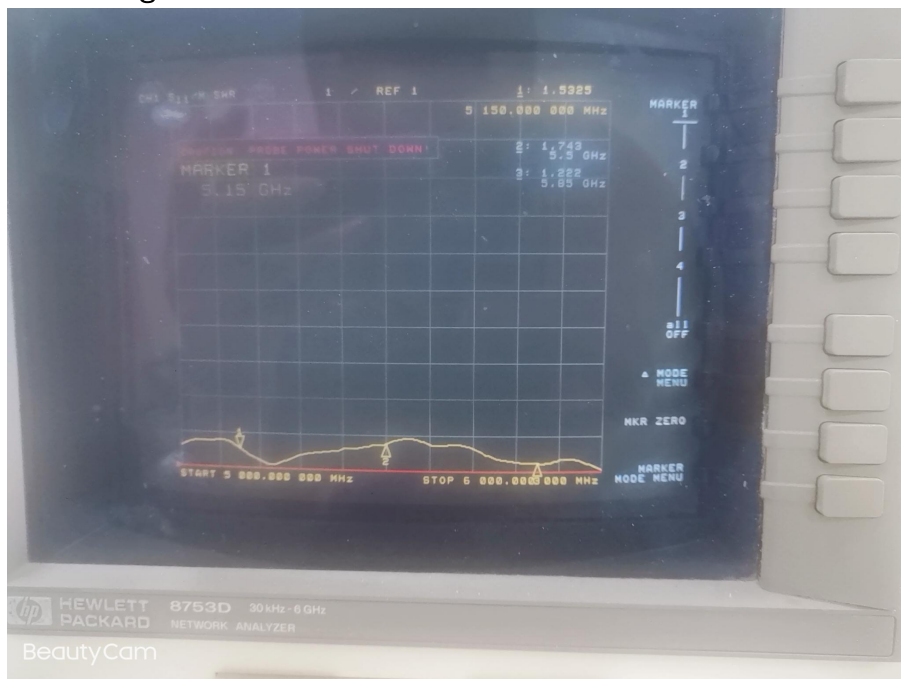
NO.	DESCRIPTION	QTY	REMARK
5			
4			
3	銅管	2	
2	鐵村	1	
1	熱縮管 EVA	1	
NO.			

TITLE:		SFANT1261252 (66) 铜管天线座		深圳市鑫尔盛科技有限公司	
CUSTOMER:		长1-4MM, 不包括接管			
DRAW NO.:		SFANT12613289			
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED					
一般公差		XX ± 0.05	XY ± 1.0	SHEET: 1/1	SCALE: 1/1
TOLERANCE		XX ± 0.1	XY ± 0.2	UNIT: MM	REV. A
		XY ± 0.5		DRAWED	CHECKED
				APPROVED	

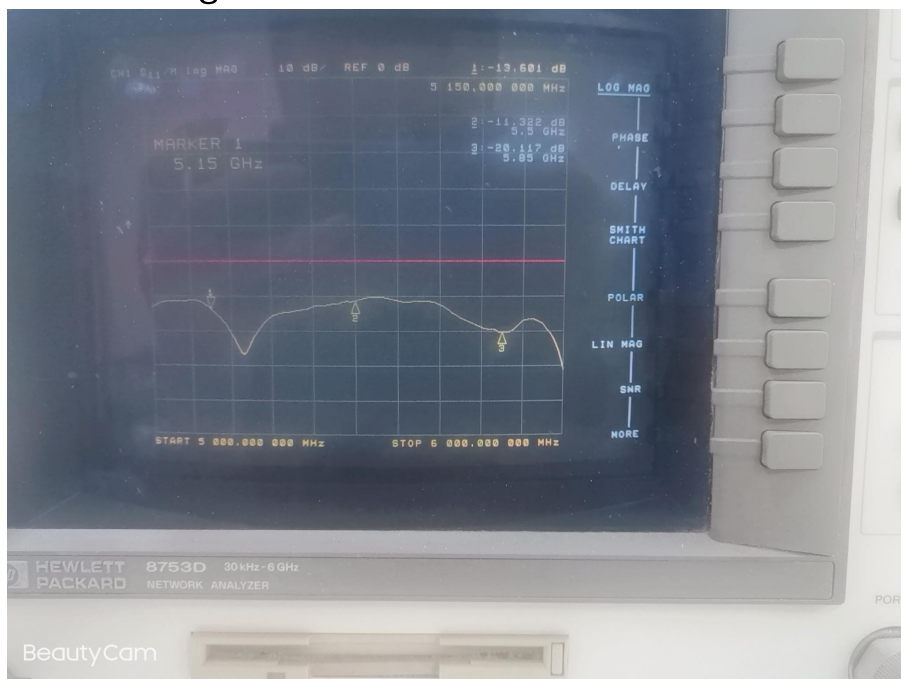
Technical parameters

Network analyzer test report:

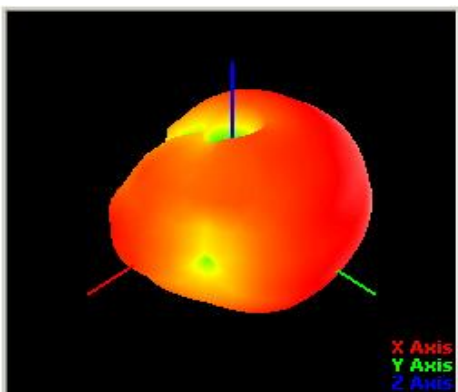
Standing wave ratio:



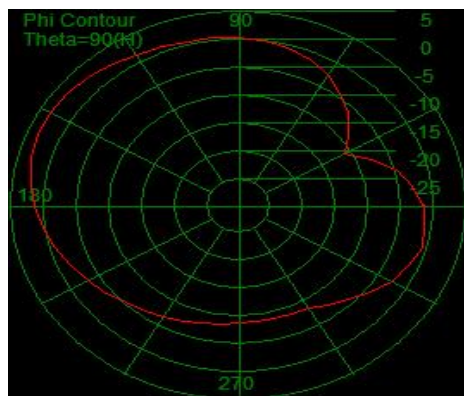
Relative gain:



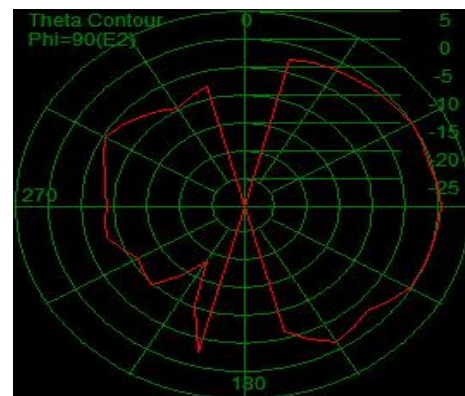
2D、3DRaditation Pattern



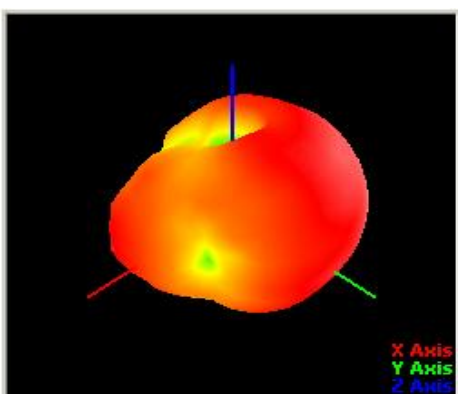
5.15G



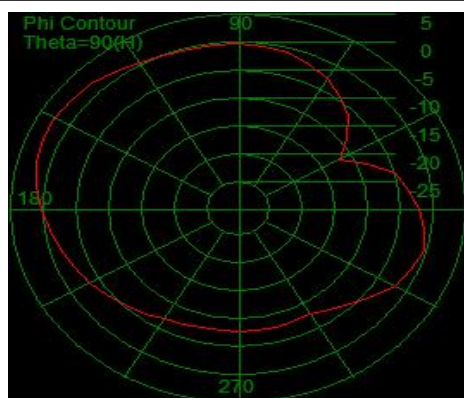
Gain(Peak):2.67dBi



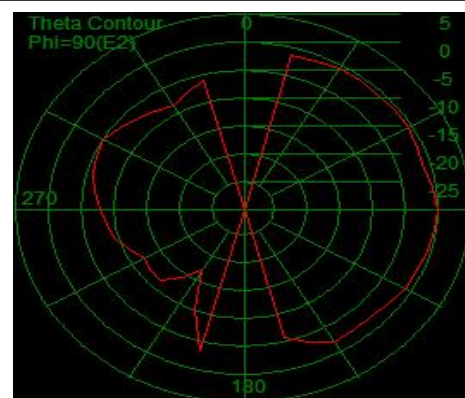
Efficiency:60.3%



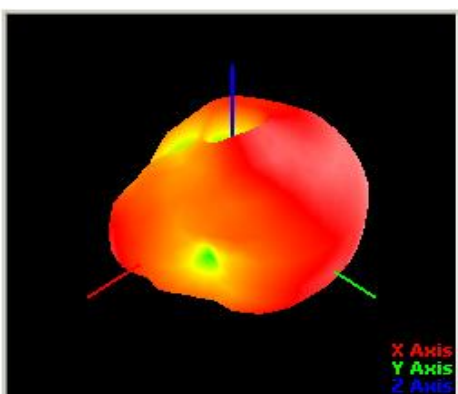
5.5G



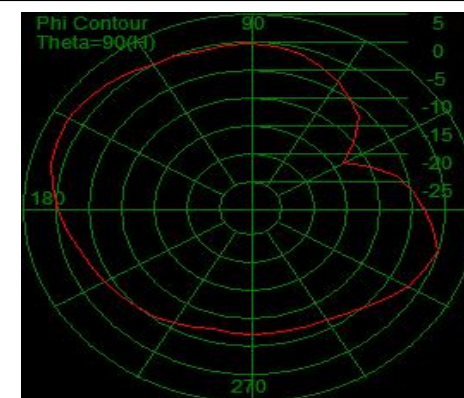
Gain(Peak):2.79dBi



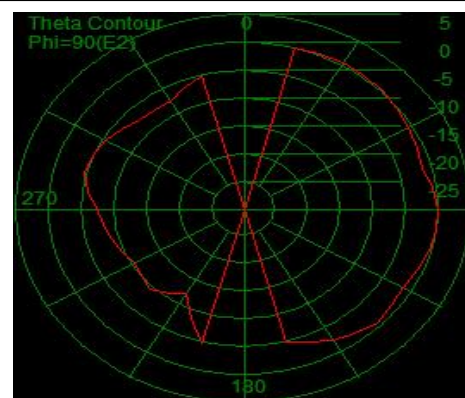
Efficiency:62.1%



5.85G



Gain(Peak):2.81dBi



Efficiency:64.6%