

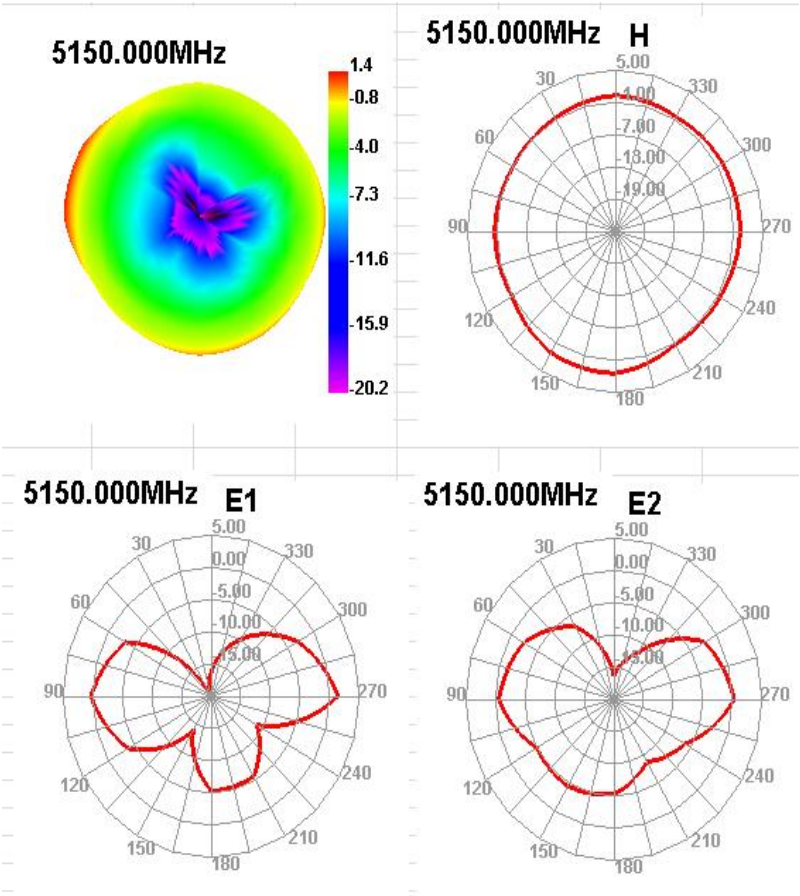
Inverted F Antenna Specification

Summary

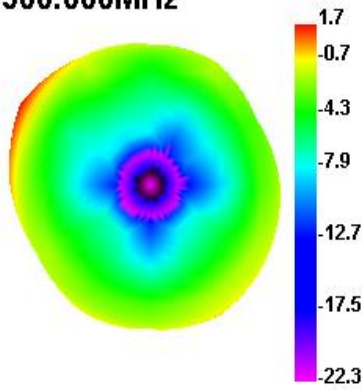
ITEM	ANT SPEC
Model Name	WIFI 5G ANT
5.8GMAX. Gain	1.93 db i
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	31.50± 2mm
Manufacture	SHENZHEN MASNO TECHNOLOGY CO.,LTD

address Unit 1003, Unit 1, Building 20, Tangtou Avenue,
Shancheng Community, Shiyan Street, Lanxin Community,
Bao'an District, Shenzhen City

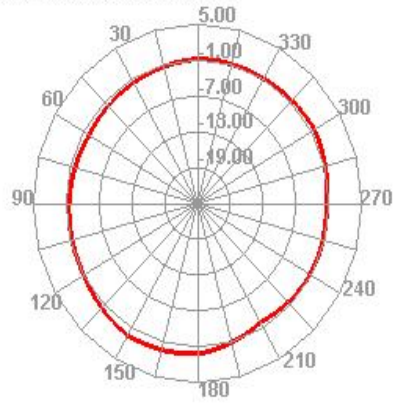
Passive Test For 5150-5850		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	48.82	1.45
5220	45.68	1.5
5290	49.41	1.93
5360	45.38	1.73
5430	48.56	1.38
5500	46.16	1.48
5570	43.26	1.74
5640	48.55	1.25
5710	48.77	1.35
5780	45.95	1.61
5850	46.15	1.63



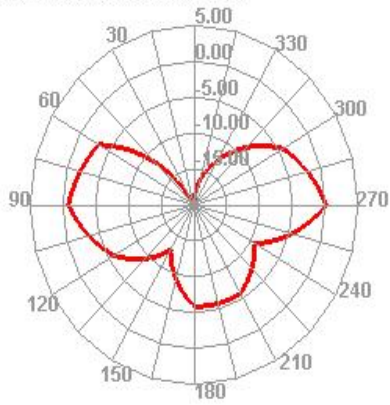
5500.000MHz



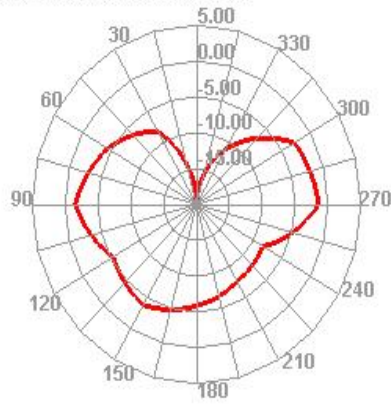
5500.000MHz H



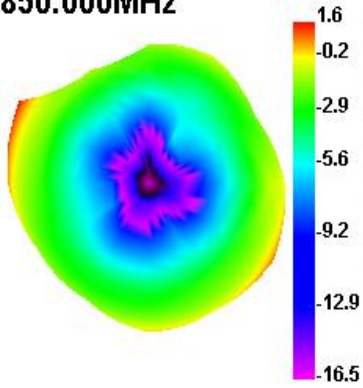
5500.000MHz E1



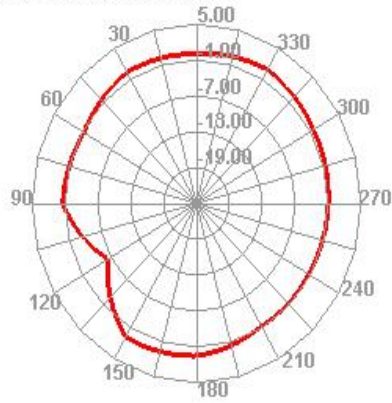
5500.000MHz E2



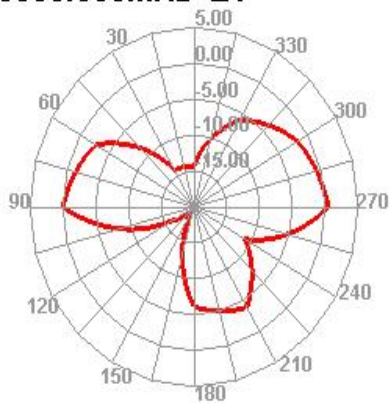
5850.000MHz



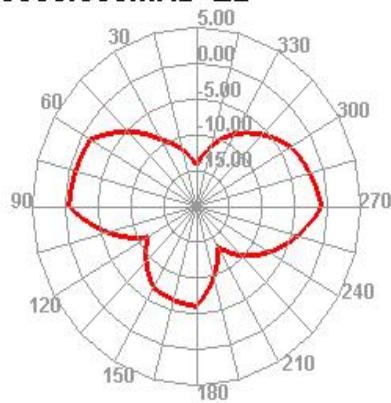
5850.000MHz H



5850.000MHz E1



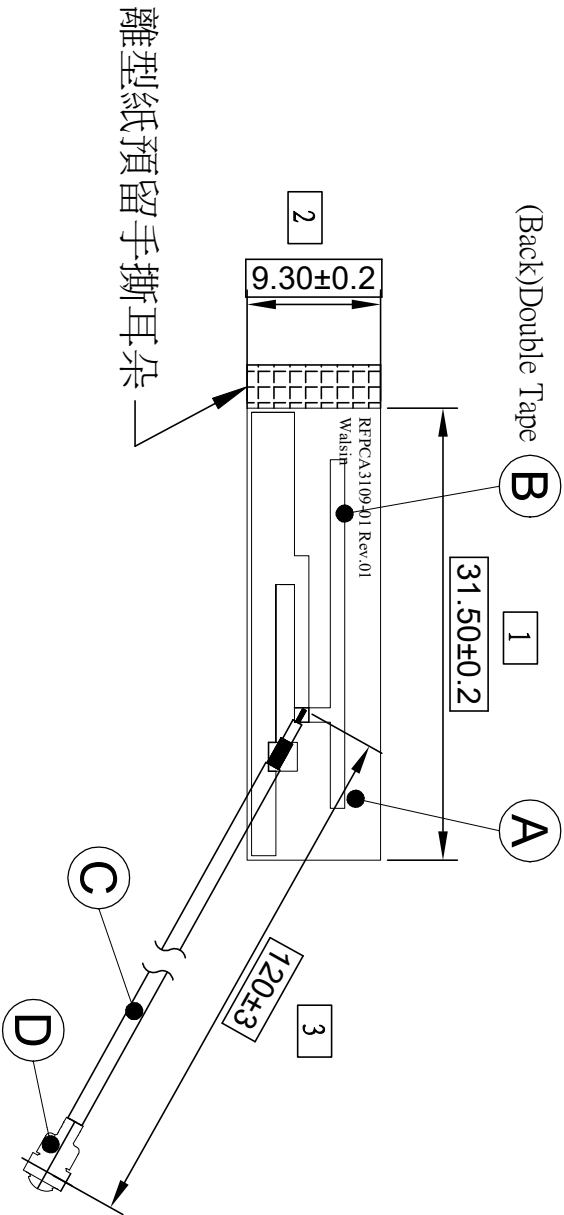
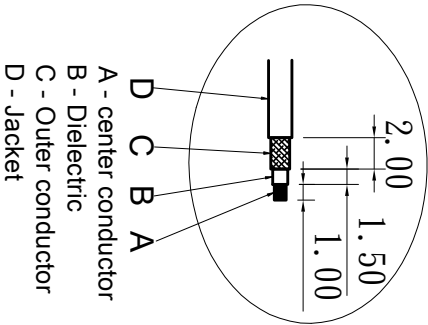
5850.000MHz E2



Reversion	Engineering Change Description	Date	Owner
AA	New drawing release	2021/10/21	SHJ.EE

ELECTRICAL

Frequency : 5GHz



IPEX方向:
100mm : ±90°
200mm : ±135°
200mm以上不管控

※Mark□Bymark, Focused inspection dimensions
※標記□記號者, 為重點檢驗尺寸

SELECT	A	B	C	D	V
SPEC. CLASS	A	B	C	D	V
< 6mm	0.05	0.1	0.2	0.5	
6~30mm	0.08	0.2	0.5	1.5	
30~120mm	0.12	0.3	0.8	2.0	
120~315mm	0.25	0.5	1.2	3.0	
315~1000mm	0.3	0.8	2.0	5.0	
1000~2000mm	0.5	1.2	3.0	8.0	
ANGLE	0.5				
MATERIAL:	SEE NOTE				
FINISH:					
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE					
DRAWN	李欣博				
CHECKED	鄭憲豪				
APPROVED	陳振榮				
3RD ANGLE					
PART No.:	RPPCA310912EMAB101				
UNIT MM	SCALE : NA				
DWG.No.:	SHEET 1 of 1				

INDEX	PART NO.	DESCRIPTION	MATERIAL	QTY
D	Connector	四代 IPEX Compatible(2130800016)		1
C	Cable	Ø0.81,Black		1
B	Double Tape	3M 9888T		1
A	Antenna	PCB FR4(Single Layer),T=0.4mm,黑漆		1

PARTS LIST



禾邦电子 (苏州) 有限公司
INPAQ Technology Co., Ltd.

SIZE A4
RPPCA310912EMAB101