

Test report



Customer name		Project name	T 手持
Commissioning band	2.4G 5G-WIFI	Structural mode	FPC
RF	XIANG YI	MD	Du Qiang
Antenna type	PIFA	Date	2024-5-24

Antenna gain: WiFi-0

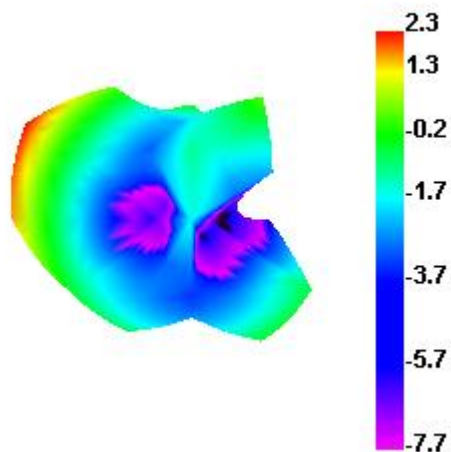
Freq (MHz)	Gain (dBi)	Freq (MHz)	Gain (dBi)
2400	0.57	5150	2.43
2410	0.75	5200	2.4
2420	0.35	5250	2.77
2430	0.49	5300	1.72
2440	1.5	5350	1.97
2450	2.16	5400	2.14
2460	2.21	5450	1.96
2470	2.25	5500	1.97
2480	2.67	5550	1.79
2490	2.97	5600	-0.02
2500	2.97	5650	-0.66
		5700	1.24
		5750	2.13
		5800	1.69
		5850	1.32

WiFi-1

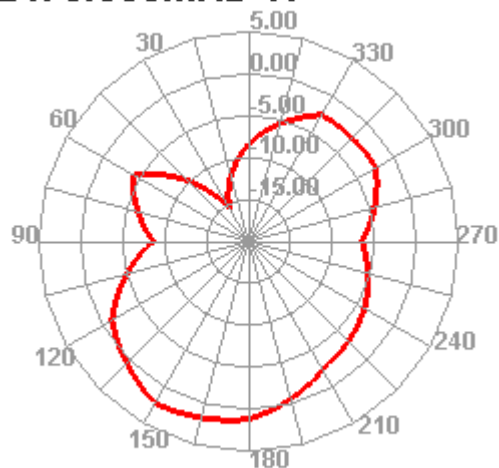
Freq (MHz)	Gain (dBi)	Freq (MHz)	Gain (dBi)
2400	1.54	5150	3.02
2410	1.66	5200	2.65
2420	1.93	5250	2.25
2430	1.8	5300	1.9
2440	2.53	5350	1.89
2450	2.96	5400	1.88
2460	3.53	5450	2.35
2470	3.67	5500	2.24
2480	4.13	5550	1.49
2490	3.76	5600	0.01
2500	3.82	5650	-0.32
		5700	-0.18
		5750	0.72
		5800	0.75
		5850	0.97

2.4G WIFI-0

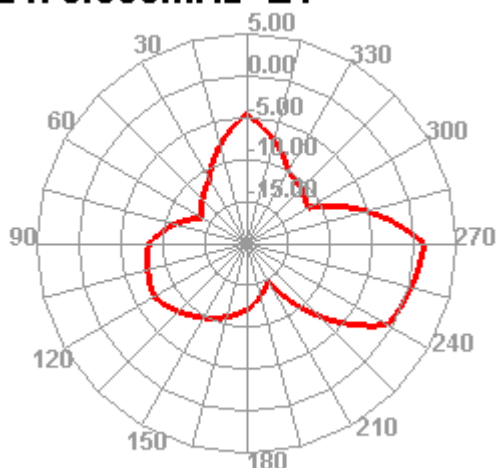
2470.000MHz



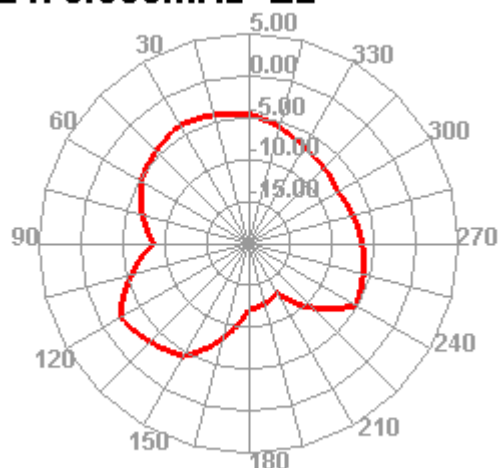
2470.000MHz H



2470.000MHz E1

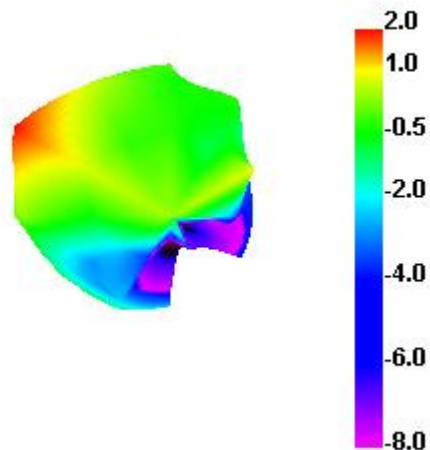


2470.000MHz E2

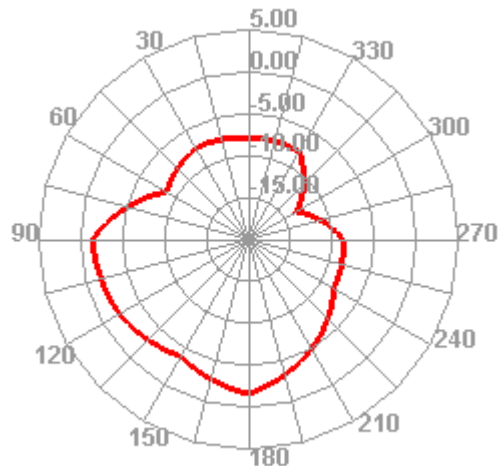


5G WIFI-0

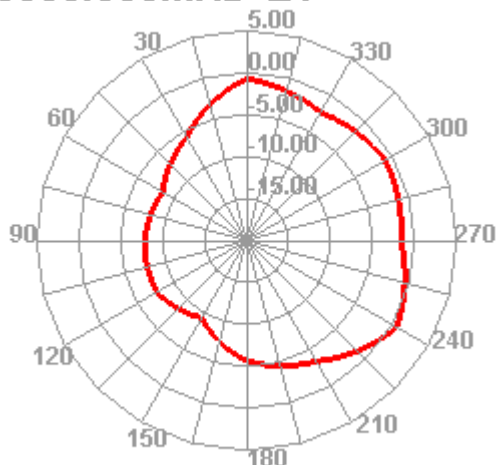
5500.000MHz



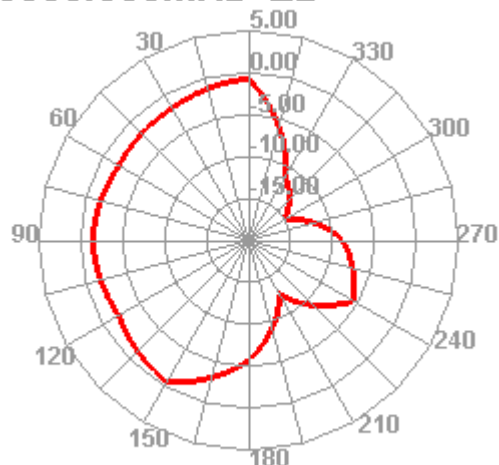
5500.000MHz H



5500.000MHz E1

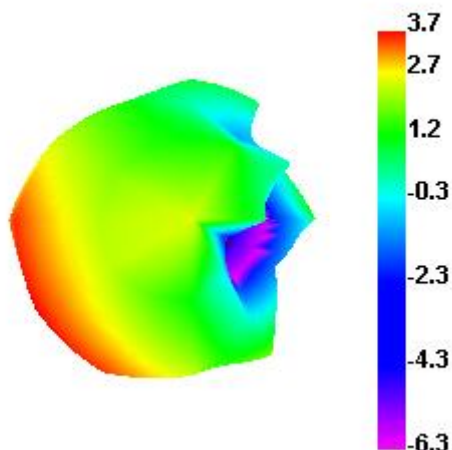


5500.000MHz E2

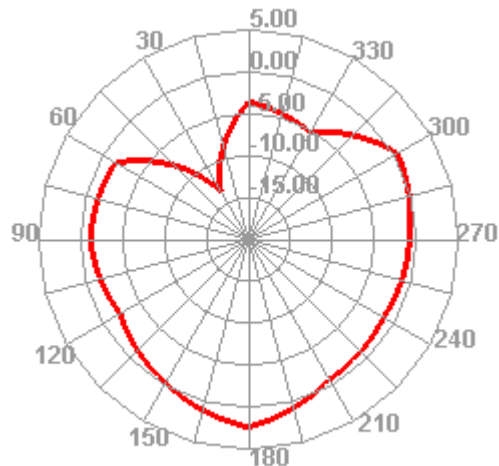


2.4G WIFI-1

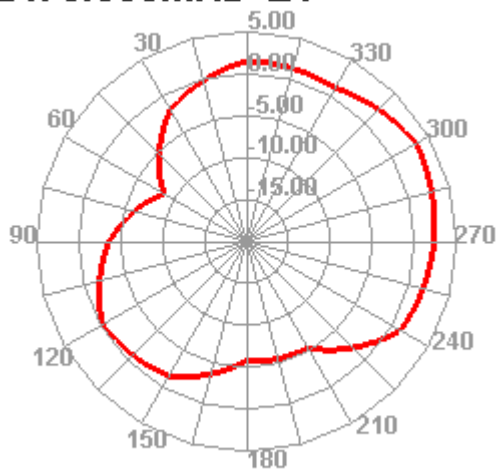
2470.000MHz



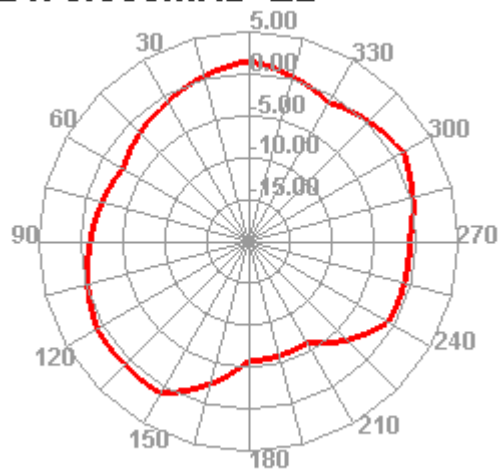
2470.000MHz H



2470.000MHz E1

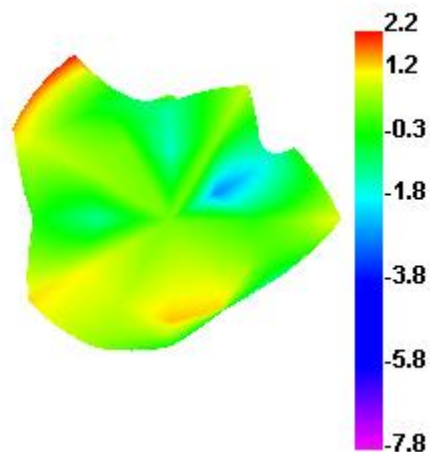


2470.000MHz E2

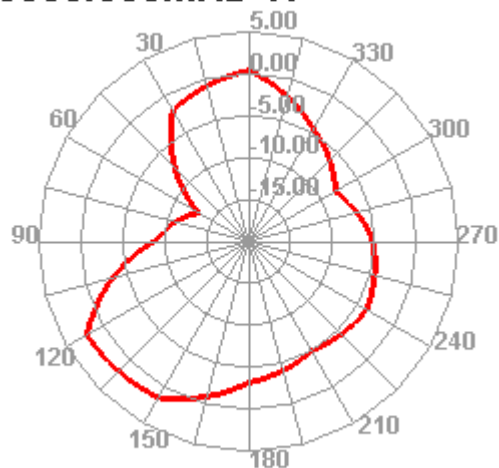


5G WIFI-1

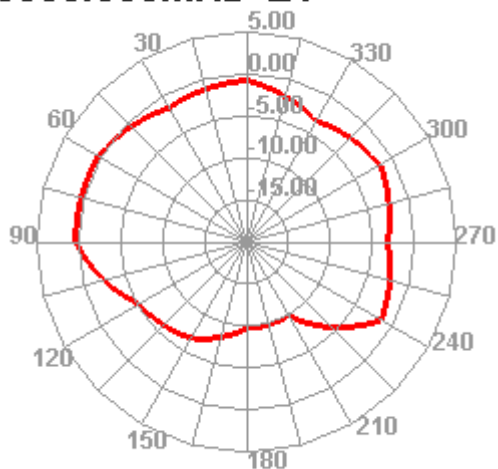
5500.000MHz



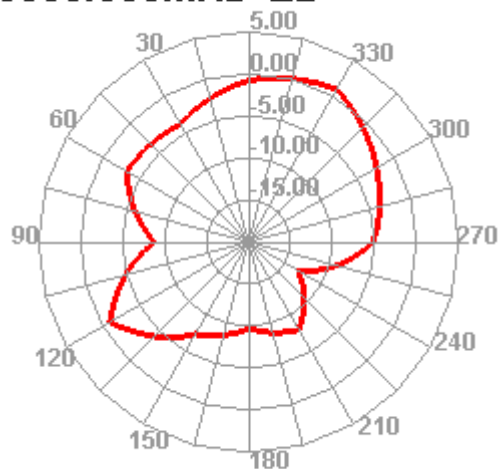
5500.000MHz H



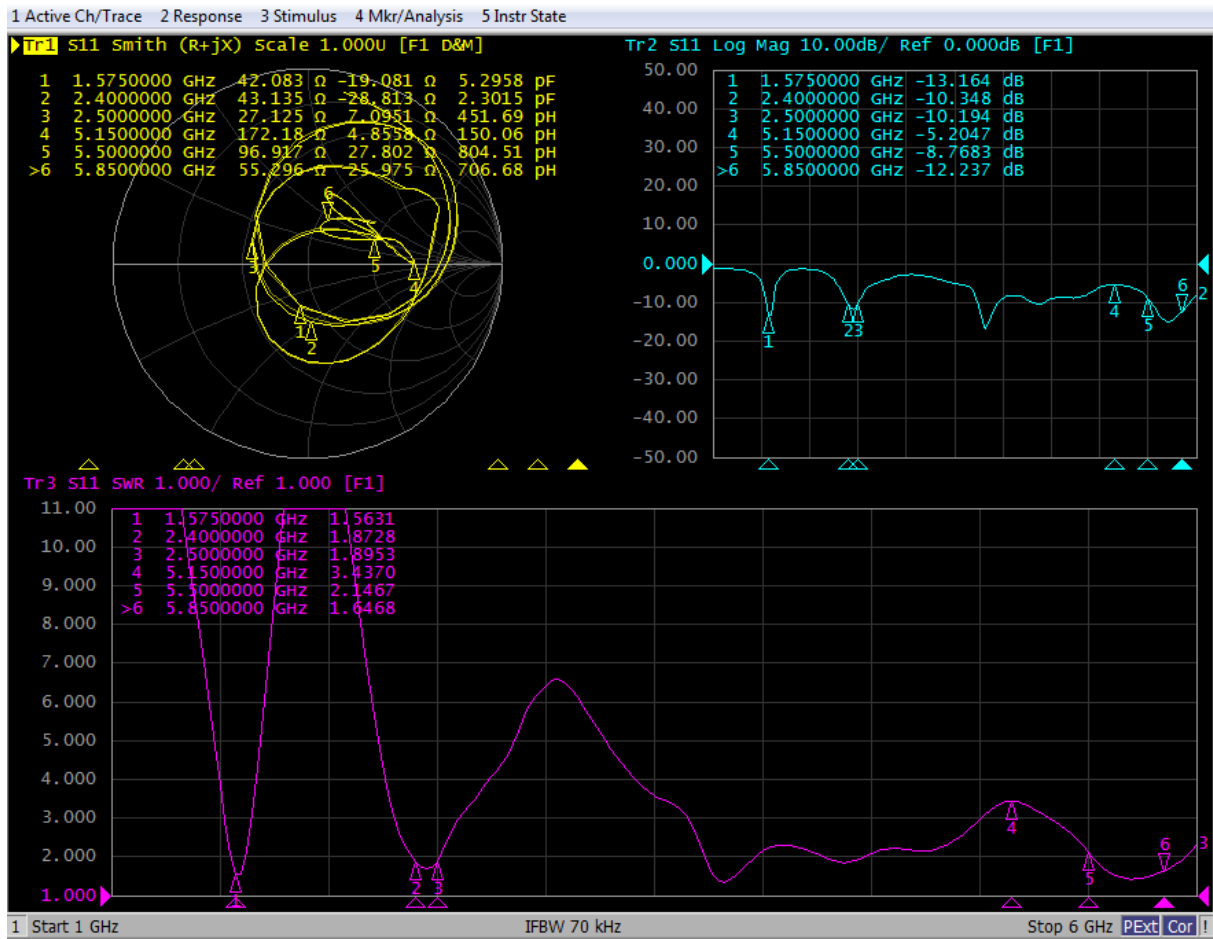
5500.000MHz E1



5500.000MHz E2



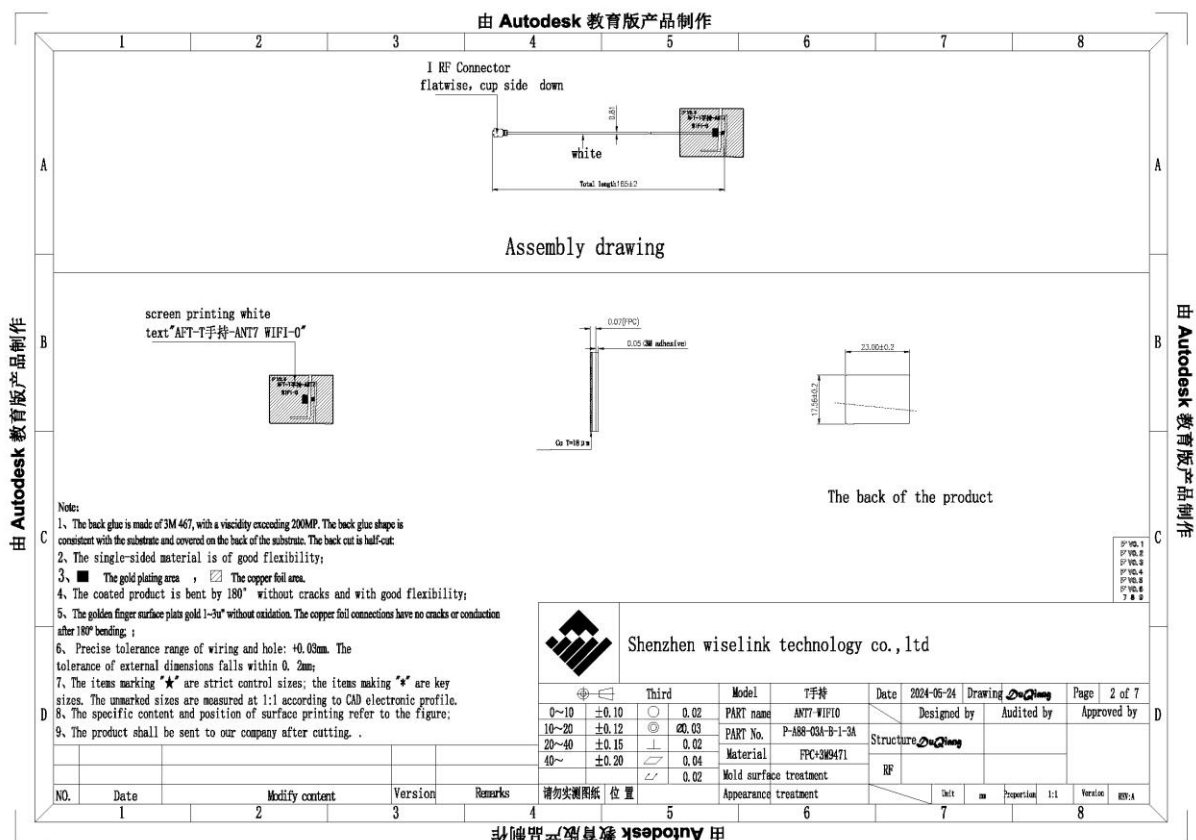
S11 WiFi-1 antenna

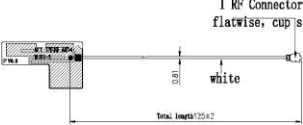


S11 WiFi-0 antenna



specification:



由 Autodesk 教育版产品制作																																																													
1	2	3	4	5	6	7	8																																																						
 I RF Connector flatwise, cup side down white Total length 22.42 Assembly drawing																																																													
 screen printing white text "AFT-T手持-ANT4 WIFI-1" Product front Yellow film mulching																																																													
 The back of the product																																																													
Notes: 1、The back glue is made of 3M 467, with a viscosity exceeding 200MP. The back glue shape is consistent with the substrate and covered on the back of the substrate. The back cut is half-cut; 2、The single-sided material is of good flexibility; 3、 The gold plating area ,  The copper foil area. 4、The coated product is bent by 180° without cracks and with good flexibility; 5、The golden finger surface plate gold 1-3u" without oxidation. The copper foil connections have no cracks or conduction after 180° bending. ; 6、Precise tolerance range of wiring and hole: $\pm 0.03\text{mm}$. The tolerance of external dimensions falls within 0.2mm; 7、The items marking "★" are strict control sizes; the items making "★" are key sizes. The unmarked sizes are measured at 1:1 according to CAD electronic profile. 8、The specific content and position of surface printing refer to the figure; 9、The product shall be sent to our company after cutting. .																																																													
 Shenzhen wiselink technology co.,ltd																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Third</th> <th style="width: 15%;">Model</th> <th style="width: 15%;">T手持</th> <th style="width: 15%;">Date</th> <th style="width: 15%;">2024-05-24</th> <th style="width: 15%;">Drawing</th> <th style="width: 15%;">ZuoCheng</th> <th style="width: 15%;">Page</th> <th style="width: 15%;">4 of 7</th> </tr> </thead> <tbody> <tr> <td>0~10 ± 0.10</td> <td> 0.02</td> <td>PART name</td> <td colspan="2">ANT4-WIFI1</td> <td>Designed by</td> <td>Audited by</td> <td colspan="2">Approved by</td> </tr> <tr> <td>10~20 ± 0.12</td> <td> 0.03</td> <td>PART No.</td> <td colspan="2">P-A88-G3A-B-1-4A</td> <td>Structure</td> <td>ZuoCheng</td> <td colspan="2"></td> </tr> <tr> <td>20~40 ± 0.15</td> <td> 0.04</td> <td>Material</td> <td colspan="2">FPC-3M9471</td> <td>RF</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>40~ ± 0.20</td> <td> 0.02</td> <td>Mold surface treatment</td> <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td>Appearance treatment</td> <td colspan="2"></td> <td></td> <td></td> <td colspan="2"></td> </tr> </tbody> </table>								Third	Model	T手持	Date	2024-05-24	Drawing	ZuoCheng	Page	4 of 7	0~10 ± 0.10	 0.02	PART name	ANT4-WIFI1		Designed by	Audited by	Approved by		10~20 ± 0.12	 0.03	PART No.	P-A88-G3A-B-1-4A		Structure	ZuoCheng			20~40 ± 0.15	 0.04	Material	FPC-3M9471		RF				40~ ± 0.20	 0.02	Mold surface treatment									Appearance treatment						
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