

MT568 ANT0 Antenna

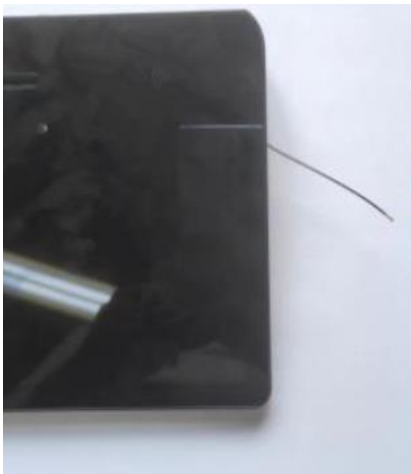
Contents

- 1.** Project pictures
- 2.** Test Fixture
- 3.** Matching Circuit
- 4. S11** Test
 - 4.0 S11 Test Methods
 - 4.1 S11 Parameters
 - 4.2 Parameter Picture
 - 4.2.1 Return loss
- 5.** Darkroom Test Data
 - 5.0 Test Equipment
 - 5.1 Active Data
 - 5.2 Passive Data
- 6.** Drawing

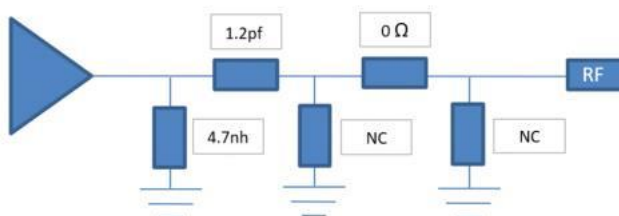
1. Project pictures



1. Test Fixture

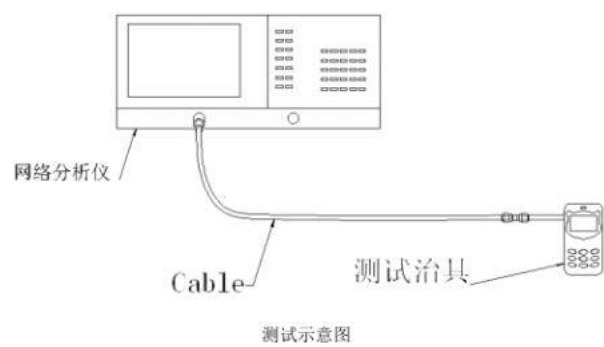


1. Matching Circuit



1. S11 Test

4.0 S11 Test Methods



4.1 S11 Parameters

频率 (MHZ)	2400	2500	5150	5500	5850
RL	-9.6	-15.9	-7.8	-12.7	-11.6

4.2 Parameter Picture

4.2.1 Return loss



5. Darkroom Test Data

5.0 Test Equipment

Test Equipment

Test system: shielded dark room

Test environment: temperature $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$, humidity $50\% \pm 15\%$

Test Equipment: when testing passive data, use a network analyzer **Agilent 8753ES**, when testing active data, use a comprehensive tester **ZCT WTE100**

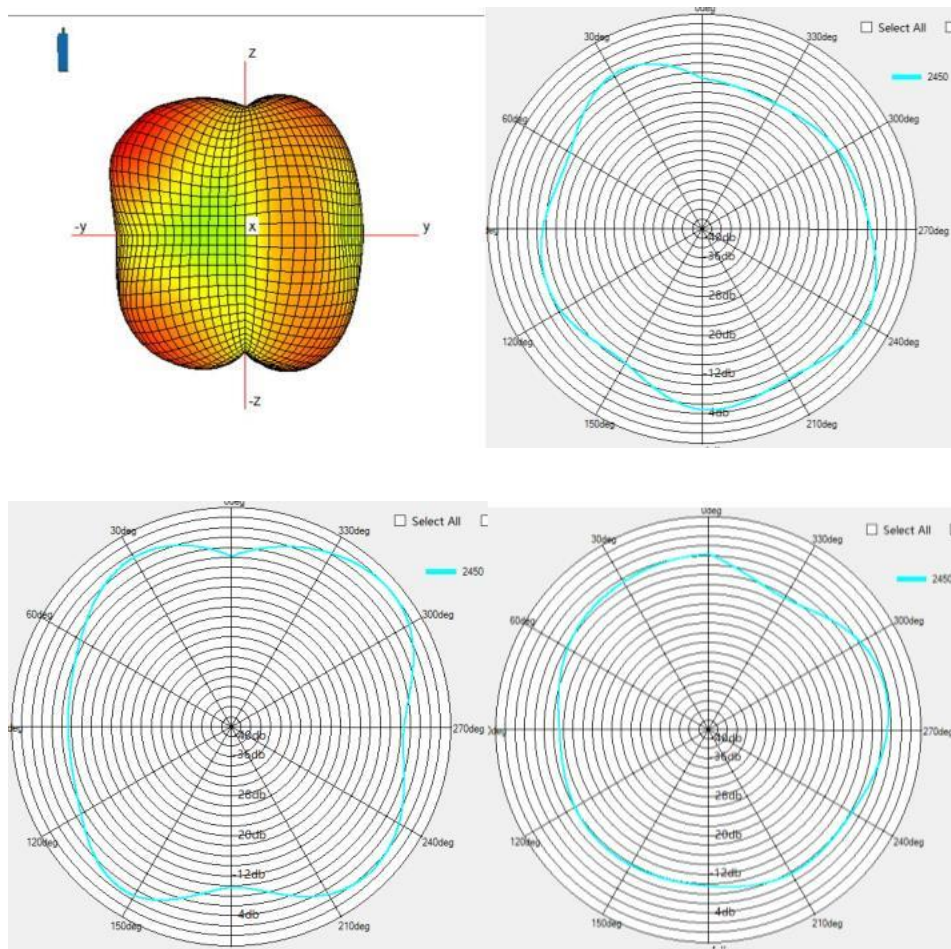
5.1 Passive Data

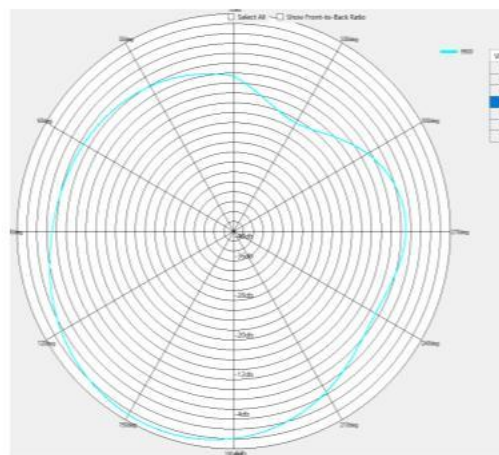
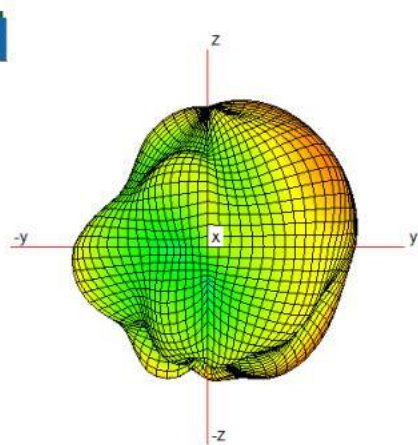
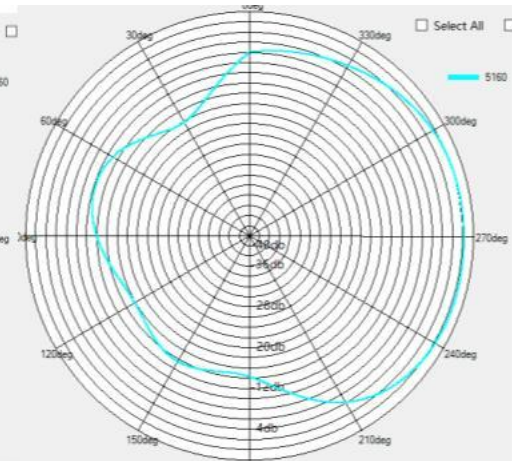
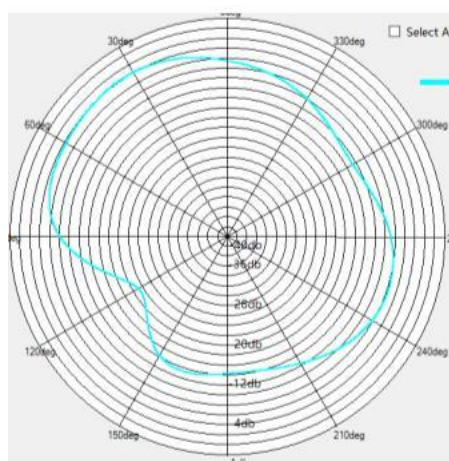
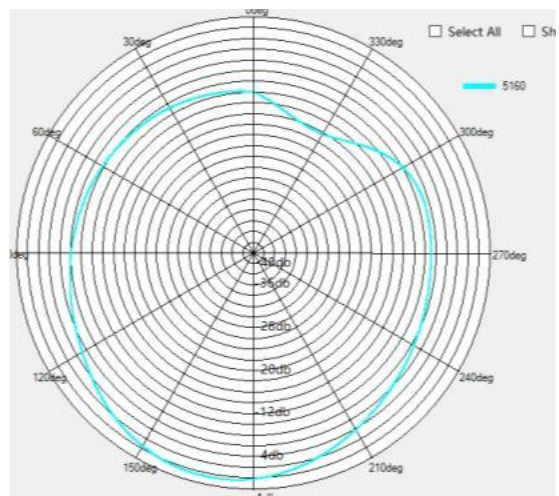
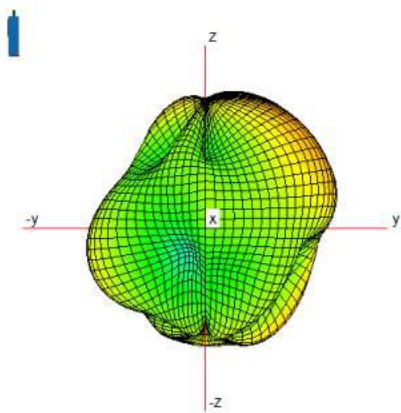
Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi	AvgGain/dBi
2400	-3.7	43.1	1	-3.7

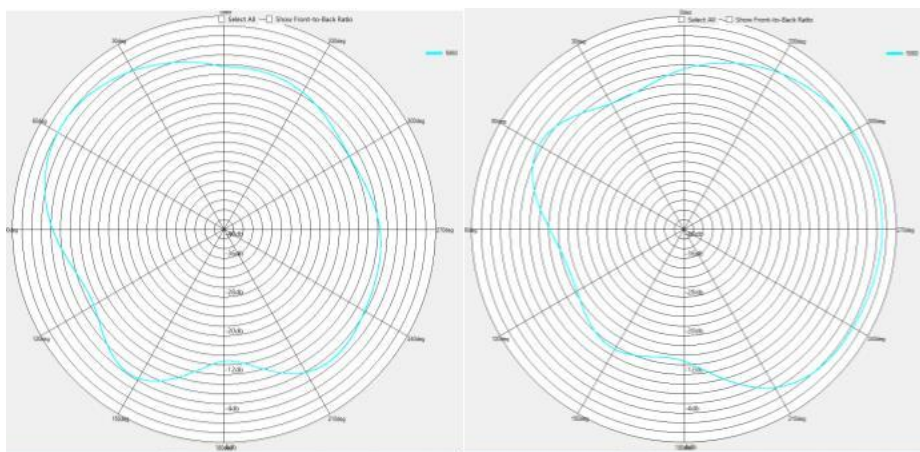
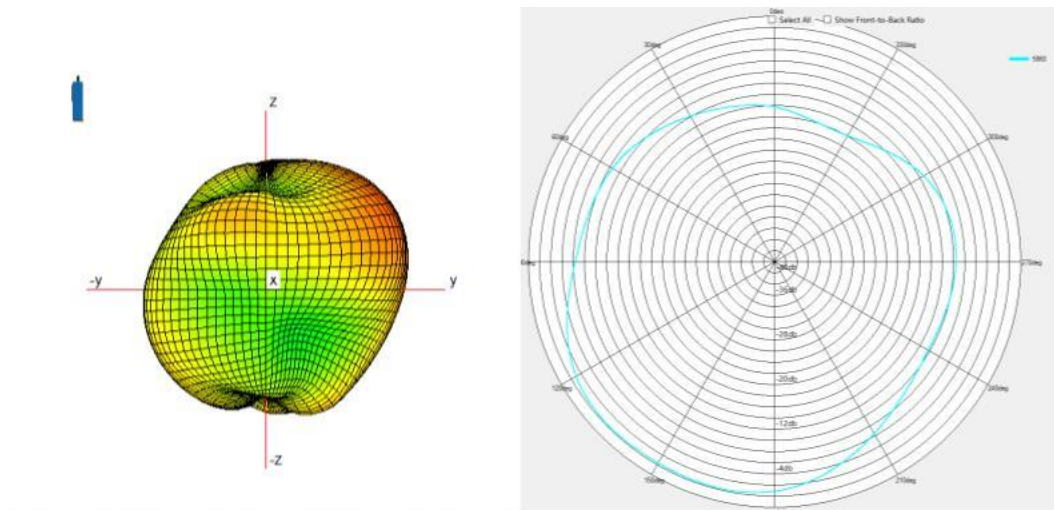
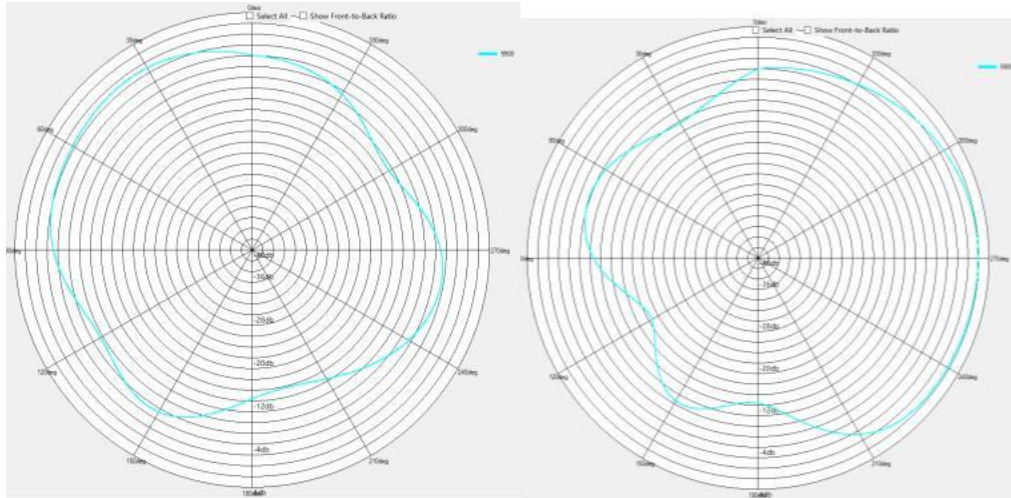
2410	-3.6	43.8	1.2	-3.6
2420	-3.6	43.9	1.3	-3.6
2430	-3.6	43.3	1.3	-3.6
2440	-3.6	44.1	1.4	-3.6
2450	-3.7	43	1.3	-3.7
2460	-3.8	41.9	1.3	-3.8
2470	-3.7	42.3	1.3	-3.7
2480	-3.7	42.5	1.3	-3.7
2490	-3.8	41.9	1.3	-3.8
2500	-3.9	41	1.2	-3.9
5150	-3.9	40.3	2.5	-3.9
5170	-3.8	41.6	2.6	-3.8
5190	-3.9	40.5	2.5	-3.9
5210	-4.2	37.7	2.1	-4.2
5230	-3.8	41.4	2.4	-3.8
5250	-3.8	42.1	2.5	-3.8
5270	-3.5	45.2	2.8	-3.5
5290	-3.4	45.5	2.9	-3.4
5310	-3.4	45.4	2.8	-3.4
5330	-3.2	47.4	2.7	-3.2
5350	-3.2	48	2.5	-3.2
5370	-3.4	45.5	2.5	-3.4
5390	-3.3	46.8	2.8	-3.3
5410	-3.8	42	2.2	-3.8
5430	-3.8	41.4	2.1	-3.8
5450	-3.4	46.2	2.7	-3.4
5470	-3.4	46	2.8	-3.4
5490	-2.7	54	3.5	-2.7
5510	-3	50.6	3.2	-3
5530	-2.8	52.9	3.7	-2.8
5550	-2.8	53.1	3.5	-2.8
5570	-3.1	49.1	3.1	-3.1
5590	-3	50	3.2	-3
5610	-3.6	43.9	2.6	-3.6
5630	-3.5	44.6	2.8	-3.5
5650	-2.9	50.9	3.4	-2.9
5670	-3.2	48.3	3	-3.2
5690	-2.7	53.4	3.1	-2.7

5710	-2.8	52.2	3	-2.8
5730	-3.5	45	2.6	-3.5
5750	-3	50.7	3.3	-3
5770	-3	50.5	3.2	-3
5790	-3.6	44.2	2.7	-3.6
5810	-3.5	44.9	2.7	-3.5
5830	-4	39.7	2	-4
5850	-3.4	46.1	2.9	-3.4

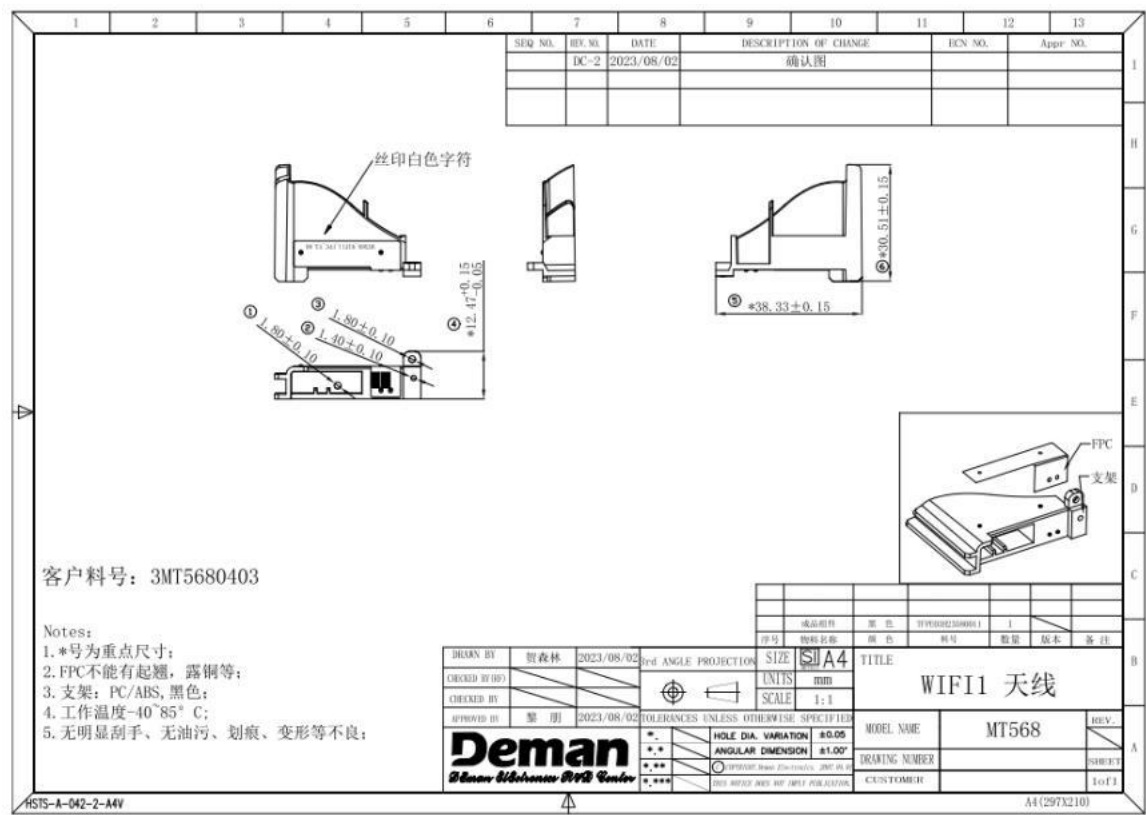
5.2 3D Nap/Orientation Map







6. Drawing



manufacturer : Shenzhen Haidemen Electronics Co., Ltd
深圳海德门电子有限公司

address : 3rd Floor, Building C, Shunluo Industrial Park, Dafuyuan,
Guanlan Street, Longhua New District, Shenzhen
深圳市龙华新区观澜街道大富苑顺络工业园C栋3楼

www.deman-china.com



天线名称	MT568_WIFI1_FPC_V3.00
天线型号	FPC-H2358-WIFI1 Antenna (finished product) black
天线料号	TFPA03H23580011