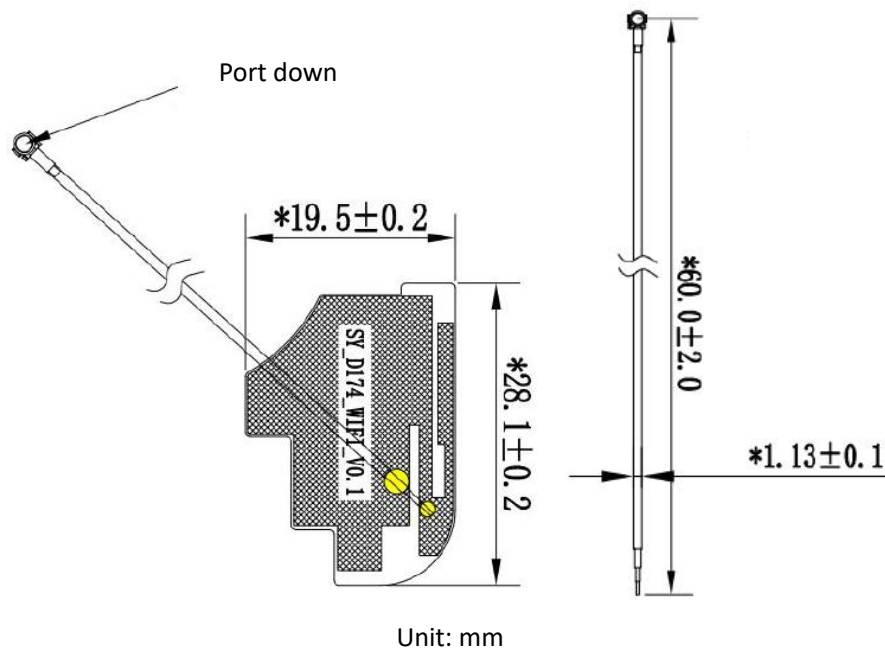


Antenna Specification

1. Antenna Describe

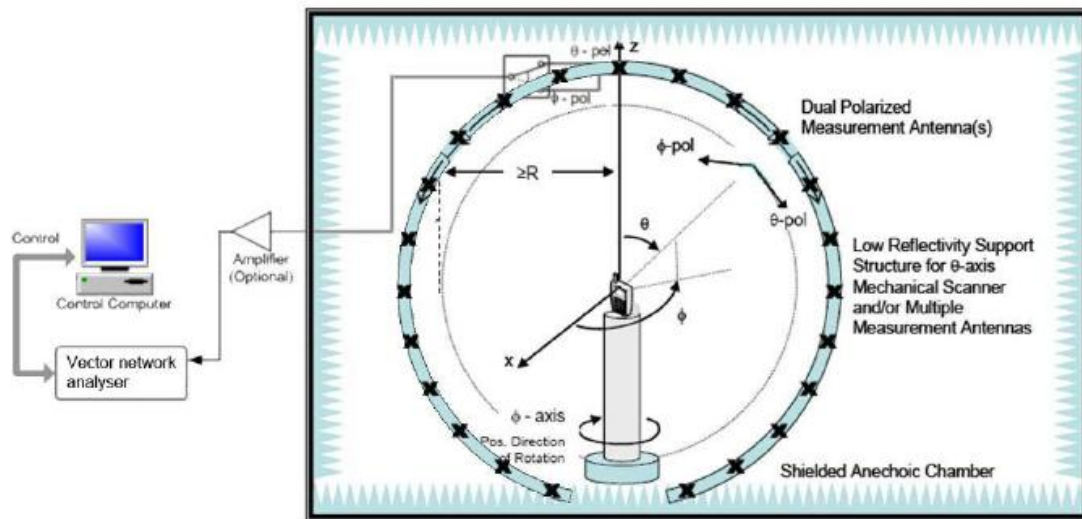
Antenna Manufacturer	Sunnyway Technology Co., Ltd.
Address	No. 602, 601-605, 609-610, Building 5, South Taiyun Chuanggu, Tangwei Community, Fenghuang Street, Guangming District, Shenzhen China
Antenna Model	D174
Antenna Type	FPC Antenna
Antenna Gain	2.51 Max (2.4G), 1.58dBi Max (5G U-NII-1), 5.08dBi Max (5G U-NII-3)
Frequency Rang	2400-2500MHz, 5160-5900MHz
VSWR	≤ 2
Input Impedance	50 Ω

2. External View Drawing



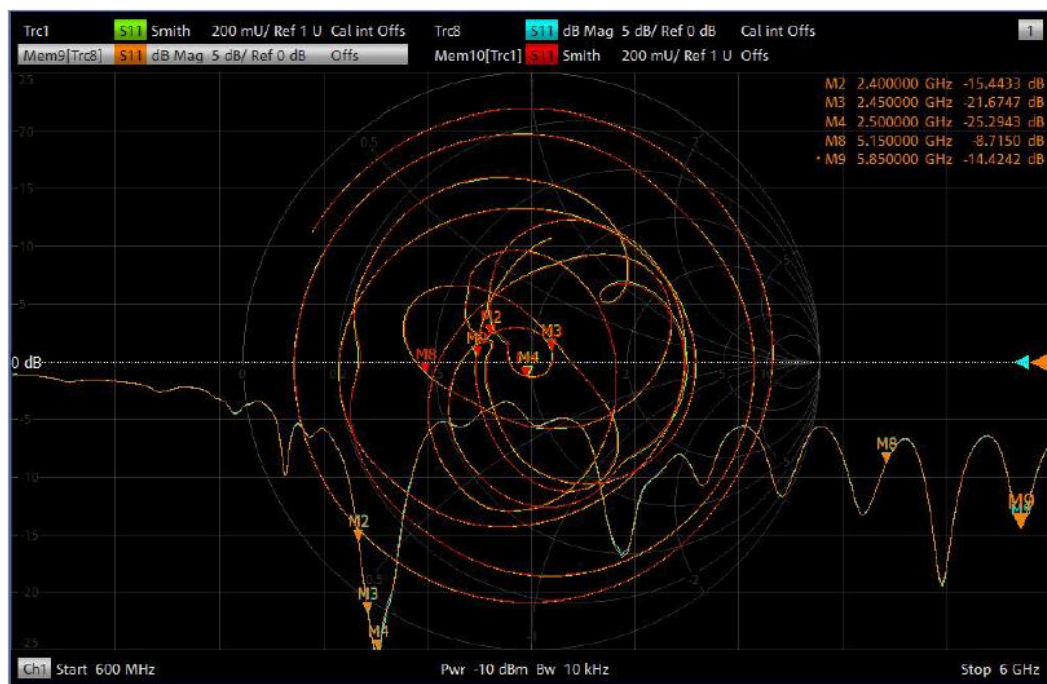
3. Measurement Result

3.1 Test Setup



3.2 S11 Parameter

VSWR



3.3 Antenna test data

Frequency/MHz	MaxGain/dBi	AvgGain/dBi
2400	-2.85	-6.81
2410	-1.88	-5.78
2420	-2.17	-6.31
2430	-2.08	-5.92
2440	-0.74	-5.17
2450	-0.15	-4.28
2460	0.67	-4.12
2470	0.34	-4.15
2480	1.62	-3.62
2490	1.69	-3.33
2500	2.51	-3.33
5150	0.96	-6.45
5200	1.19	-6.31
5250	1.58	-6.14
5300	1.75	-5.74
5350	1.7	-5.81
5400	1.22	-6.09
5450	2.19	-5.1
5500	1.42	-5.77
5550	1.38	-5.69
5600	2.28	-4.89
5650	3.1	-4.5
5700	3.68	-4.3
5750	3.88	-4.05
5800	5.08	-2.96
5850	4.31	-3.57

3.4 Antenna test diagram

3D

