



Antenna specifications

Material Code: 80000010783

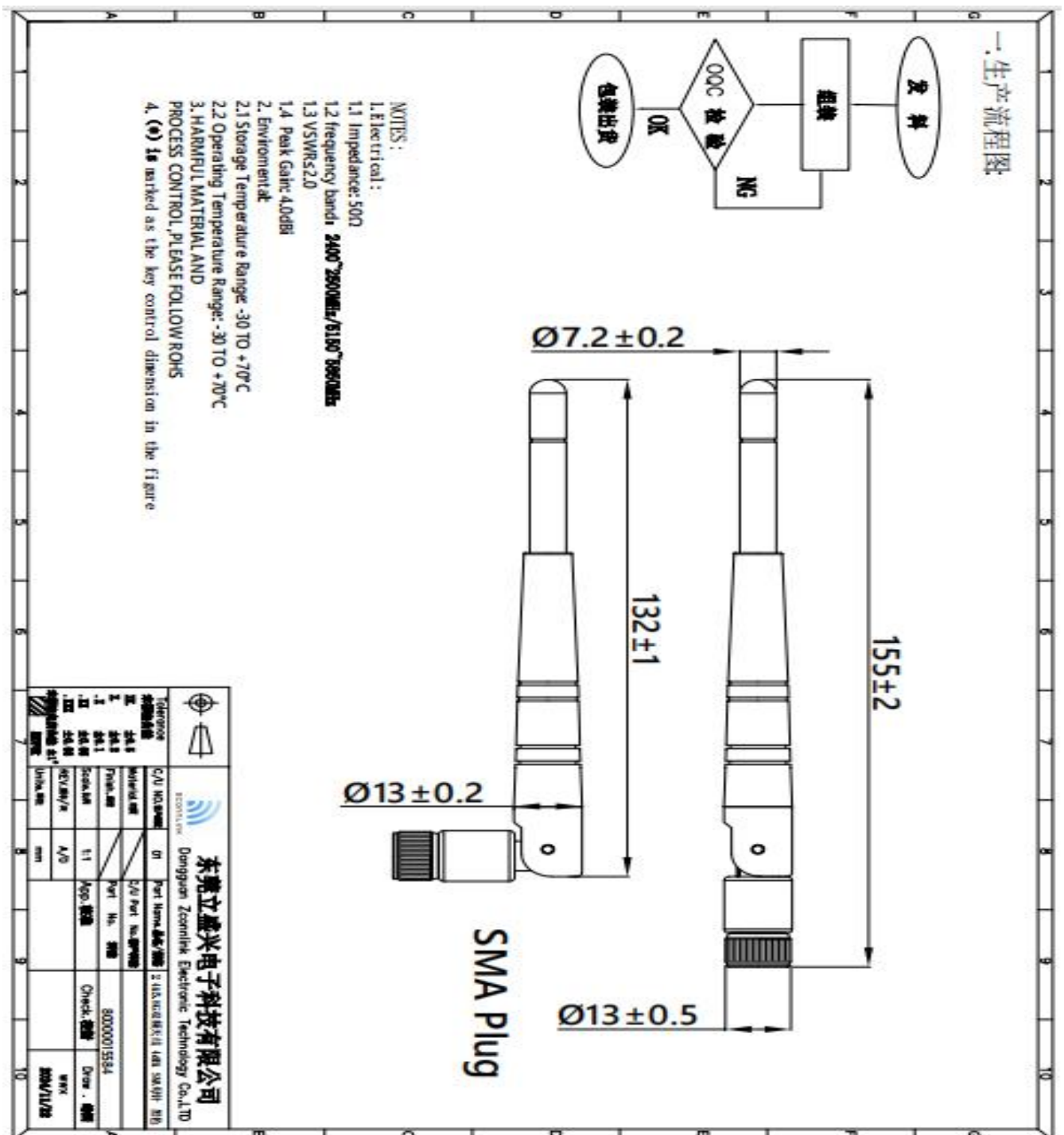
Specifications: 2.4&5.8G dual-band external antenna, black SMA female pin

Product Name: External antenna

Manufacture: Dongguan Zconnlink Electronic Technology Co., LTD

Address: No. 135, Chang'an Zhen'an East Road, Chang'an Town, Dongguan City

1. Physical product picture/electrical parameters



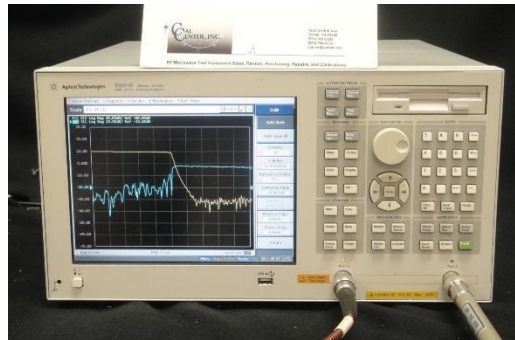


Electrical parameters:

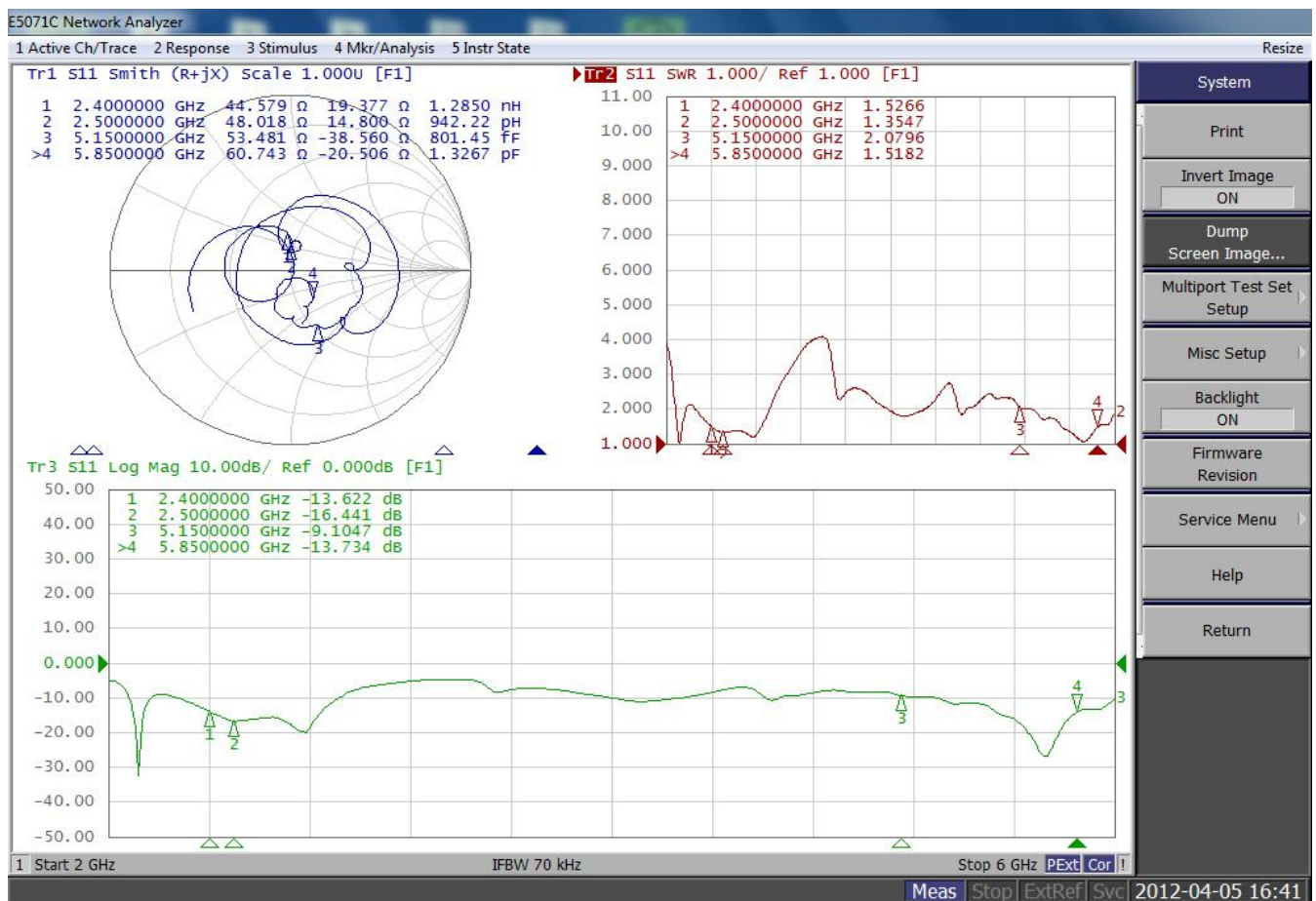
Frequency range	2.4~2.4835GHz/5.15~5.85GHz
Characteristic impedance	50Ω
Standing wave ratio	≤2.0
Gain	2.4G:4.58dBi/5G:4.49dBi
Insulation resistance	≥5000MΩ
Dielectric withstand voltage	≥1500V
Insertion loss	≤2dB
Storage temperature	-30℃~+70℃
Operating temperature	-30℃~+70℃

2. Antenna performance test

HPE5071C



SWR

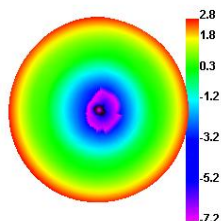


3.Passive Test

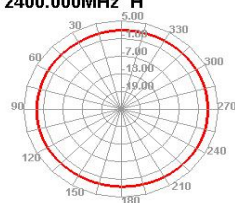
Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	70.68	2.8	5150	59.87	2.31
2410	83.86	3.44	5200	59.6	2.21
2420	69.92	2.71	5250	54.88	1.73
2430	85.1	3.66	5300	52.19	2.01
2440	73.28	3.19	5350	54.58	2.27
2450	85.5	4.49	5400	68.48	3.3
2460	81.87	3.77	5450	69.94	3.52
2470	85.14	4.46	5500	65.76	3.36
2480	79.47	4.28	5550	70.1	3.71
2490	84.87	4.58	5600	66.18	3.27
2500	84.52	4.51	5650	72.92	3.72
			5700	77.12	4.13
			5750	81.62	4.12
			5800	76.74	4.01
			5850	82.29	4.49

2.4~2.4835GHz

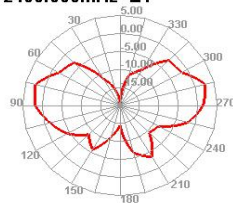
2400.000MHz



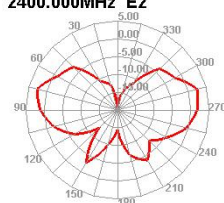
2400.000MHz H



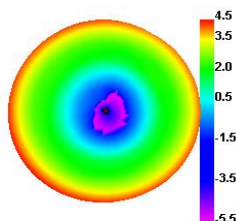
2400.000MHz E1



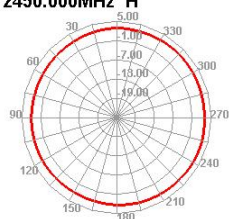
2400.000MHz E2



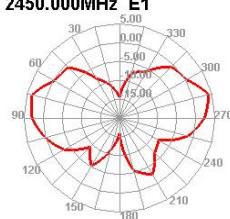
2450.000MHz



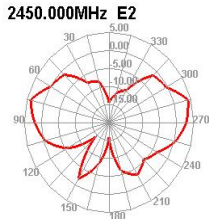
2450.000MHz H



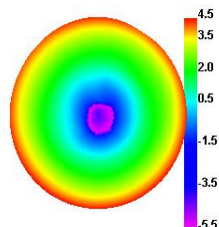
2450.000MHz E1



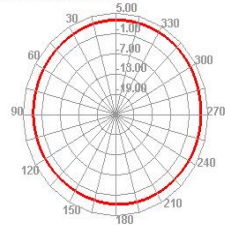
2450.000MHz E2



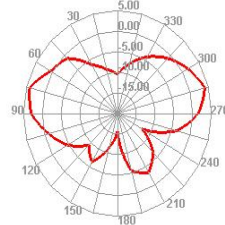
2500.000MHz



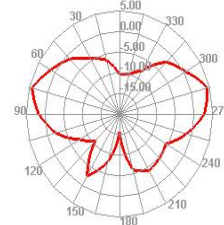
2500.000MHz H



2500.000MHz E1

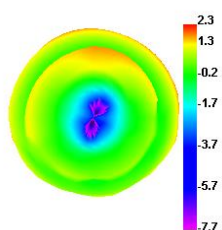


2500.000MHz E2

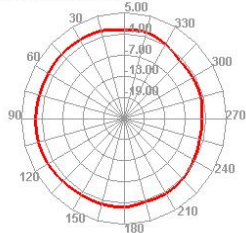


5.15~5.85GHz

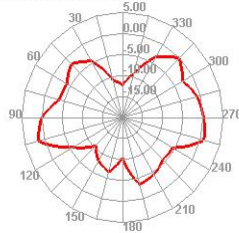
5150.000MHz



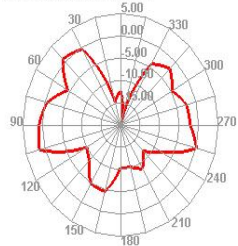
5150.000MHz H



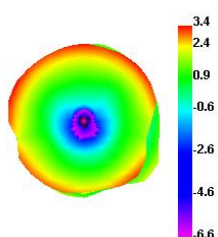
5150.000MHz E1



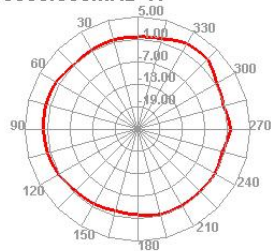
5150.000MHz E2



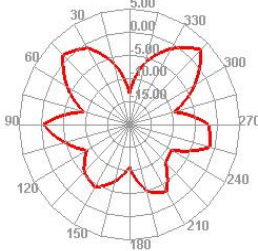
5500.000MHz



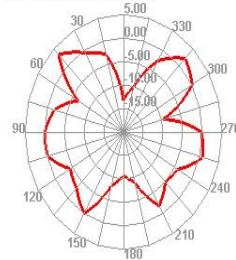
5500.000MHz H



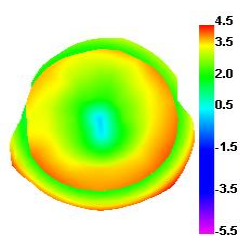
5500.000MHz E1



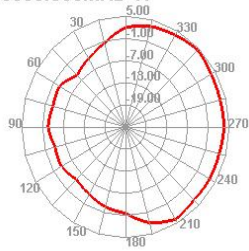
5500.000MHz E2



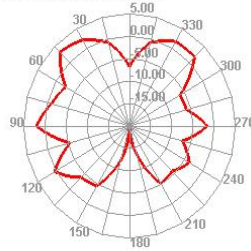
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

