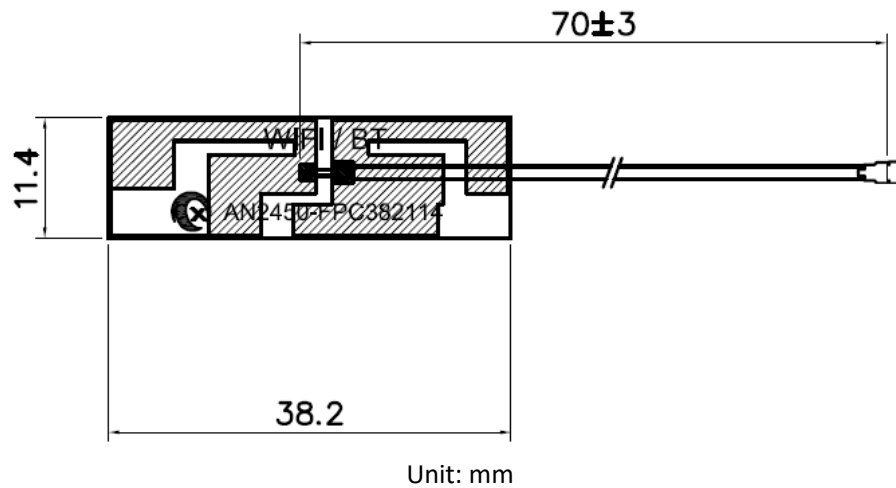


Antenna Specification

1. Antenna Describe

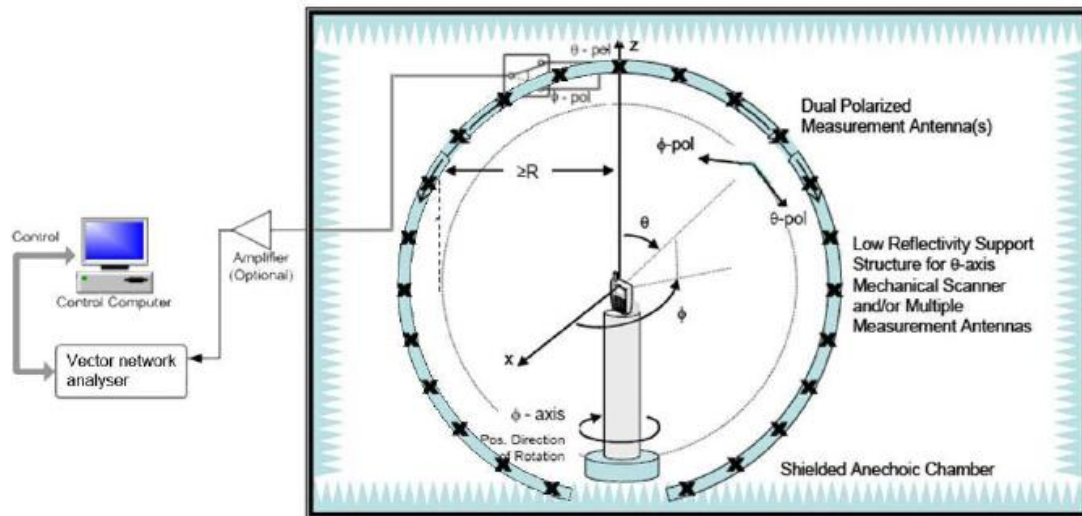
Antenna Manufacturer	Tengxiang Technology.Inc
Address	No. 53, Shayong Road, Shatou, Chang 'an Town, Dongguan
Antenna Model	FPC-2.4/5G
Antenna Type	FPC Antenna
Antenna Gain	3.81dBi Max (2.4G), 5.23dBi Max (5G)
Frequency Rang	2400-2500MHz, 5150-5850MHz
VSWR	≤ 2
Input Impedance	50 Ω

2. External View Drawing



3. Measurement Result

3.1 Test Setup



3.2 S11 Parameter



3.3 Antenna test data

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	58.69	2.35
2410	59.05	2.73
2420	57.79	2.81
2430	59.85	2.89
2440	60.80	2.67
2450	62.94	2.45
2460	67.43	2.81
2470	68.04	3.04
2480	72.39	3.48
2490	70.83	3.48
2500	75.19	3.81
5150	63.19	4.66
5200	63.98	4.13
5250	66.64	4.40
5300	62.81	4.20
5350	67.34	4.59
5400	65.68	4.56
5450	64.17	4.45
5500	63.98	4.74
5550	67.47	4.75
5600	65.38	4.40
5650	59.29	3.83
5700	63.82	4.64
5750	68.38	5.19
5800	64.30	4.94
5850	66.50	5.23

3.4 Antenna test diagram



