

Antenna Test Report



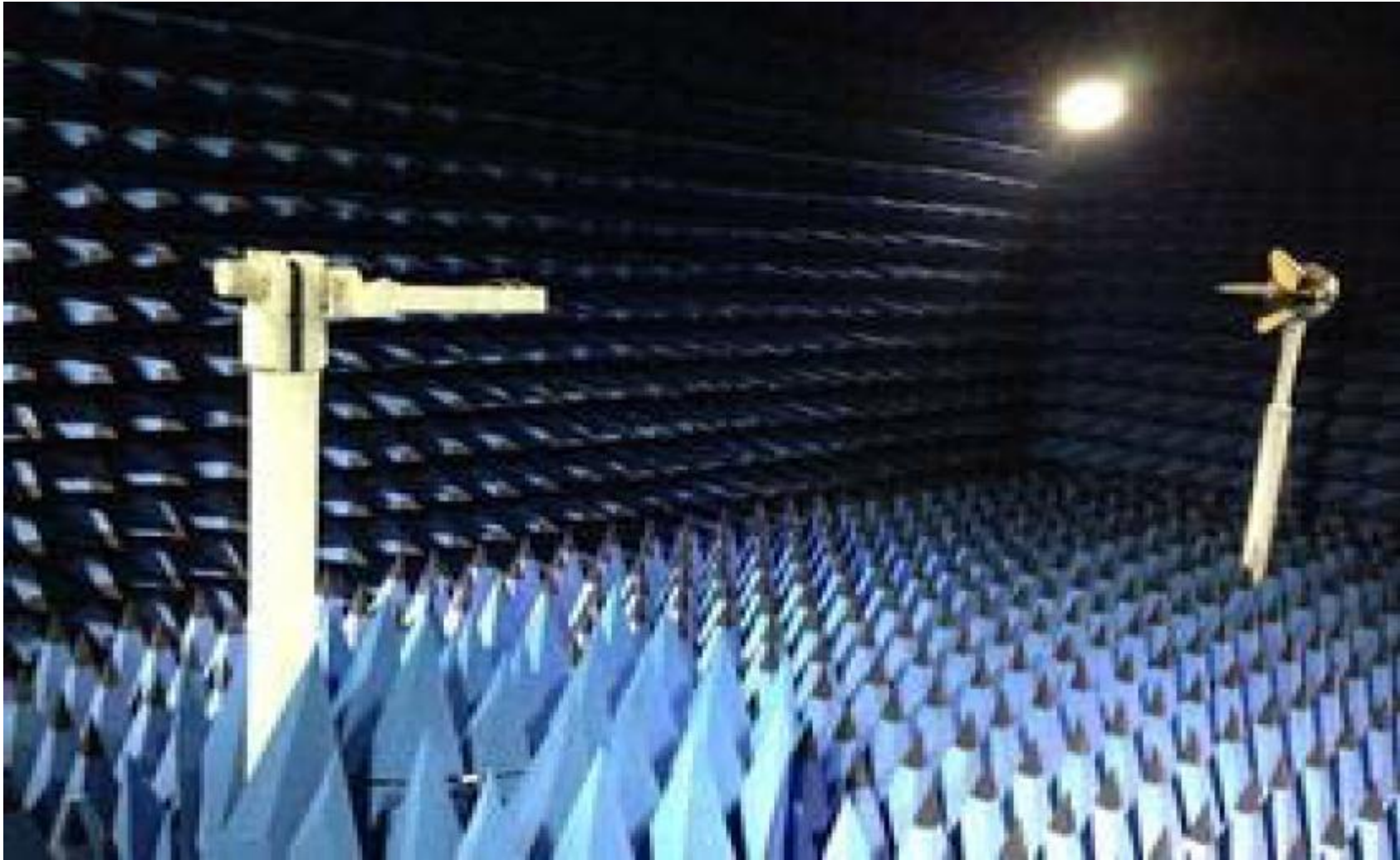
顺达成科技



Frequency band: 2.4G/5GHz

Version:A

DATE:2023-9-15



Contents

1 : Antenna Overview & Dimension

2 : The test project

2.1 Antenna Matching Network

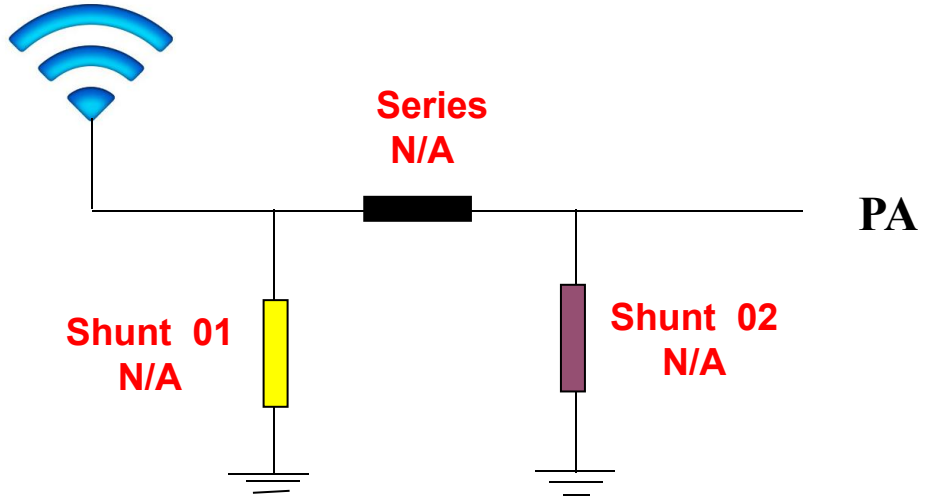
2.2 VSWR

2.3 Gain & Efficiency

2.4 3D Date

2.5 The Free Space 3D Date/The Free Space 2D Date

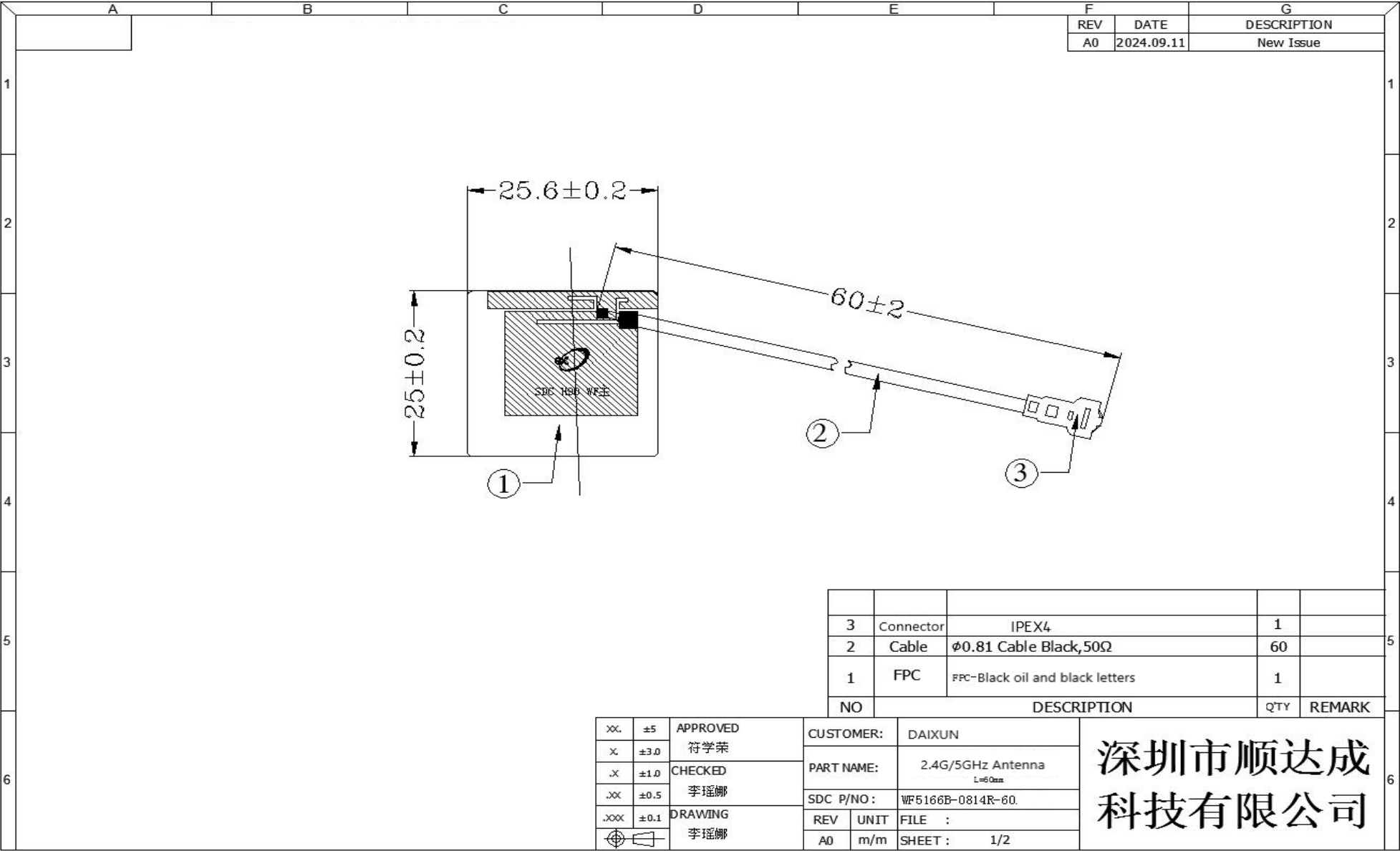
Antenna



Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A

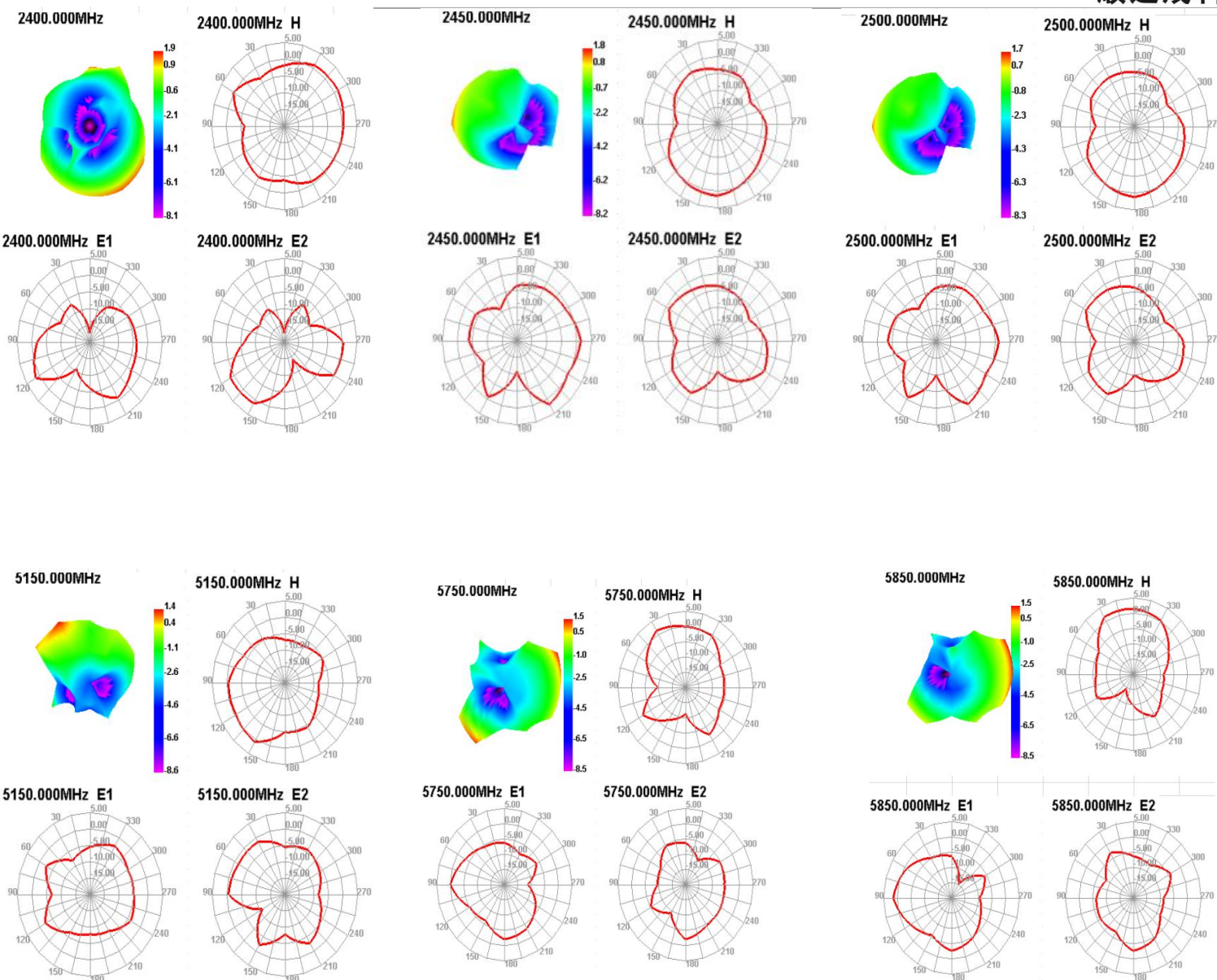
Antenna size diagram

顺达成科技



Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43.65	1.87
2450	43.42	1.76
2500	42.36	1.72
5150	38.21	1.41
5700	39.24	1.50
5850	38.32	1.45





WIFI OTA Data

2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	12.31	12.50	12.37
TIS	-78.43	-78.38	-78.21

5G	802.11a, 54M		
Channel	CH36	CH60	CH161
TRP	10.43	10.46	10.27
TIS	-68.41	-68.39	-68.40