

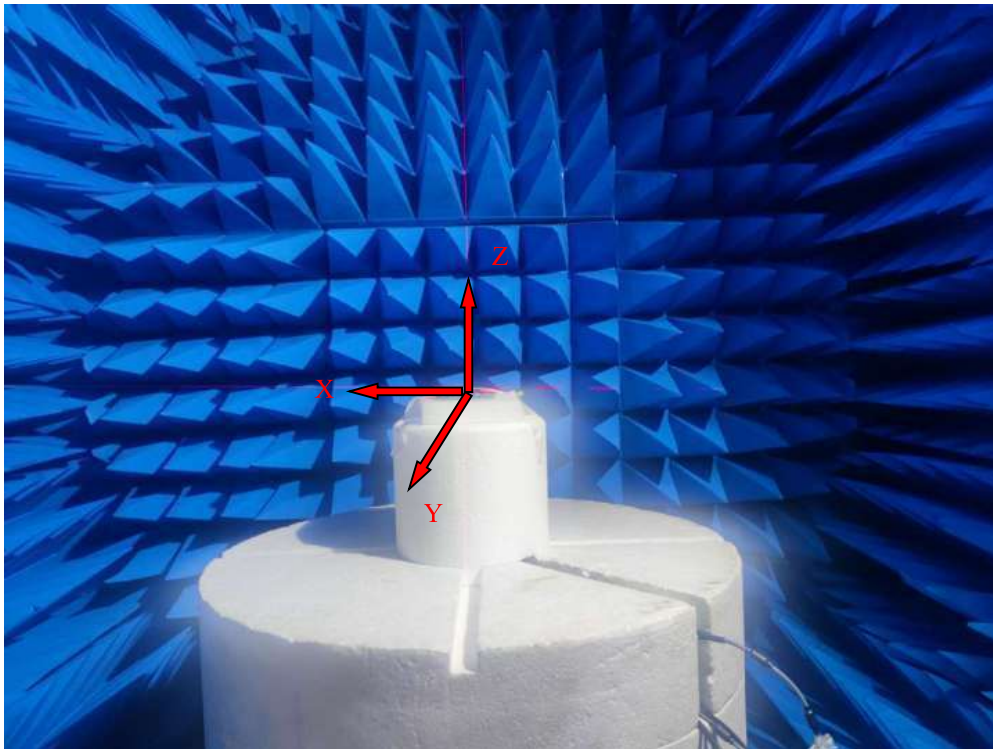
D07-2.4G-2.48G 频段 FPC 天线测试报告

SPECIFICATIONS

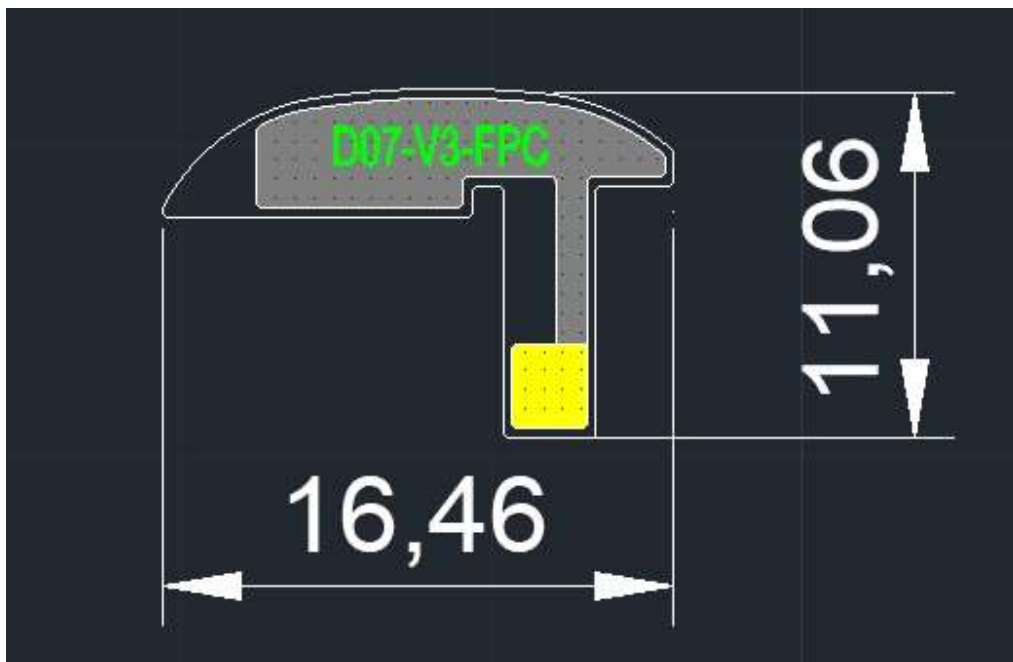
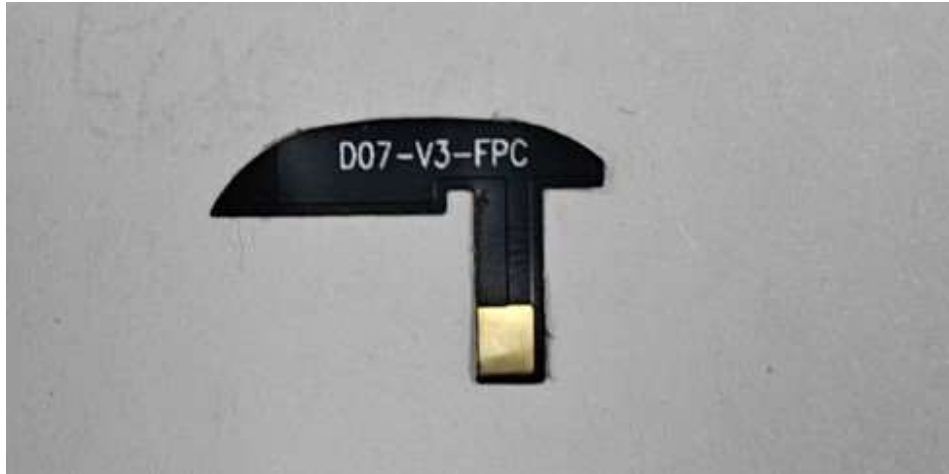
Frequency (MHz)	2400-2480
Peak Gain (dBi)	4.499
Average Gain (dBi)	>-4
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

Test environment: China Science and technology darkroom test system

测试环境：中科国技暗室测试系统



Antenna size diagram
天线实物及物理尺寸



unit mm

Antenna passive S-parameter

天线无源 S 参数:



Antenna efficiency and gain

天线效率及增益

Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)	Efficiency (dB)
2400	3.433	59.329%	-0.717	-0.267
2410	2.927	51.861%	-1.416	-0.852
2420	2.829	52.112%	-1.166	-0.831
2430	2.881	49.299%	-1.258	-0.072
2440	3.192	50.672%	-1.144	-0.952
2450	3.688	53.067%	-1.735	-0.752
2460	4.194	59.423%	-0.276	-0.260
2470	4.118	56.680%	-0.438	-0.466
2480	4.499	61.727%	-0.112	-0.095
Average	2.529	54.908%	-0.806	-0.616
Peak	4.499	61.727%	-0.112	-0.095