

YICHUANG TECHNOLOGY

AZM24000-3 Antenna Datasheet

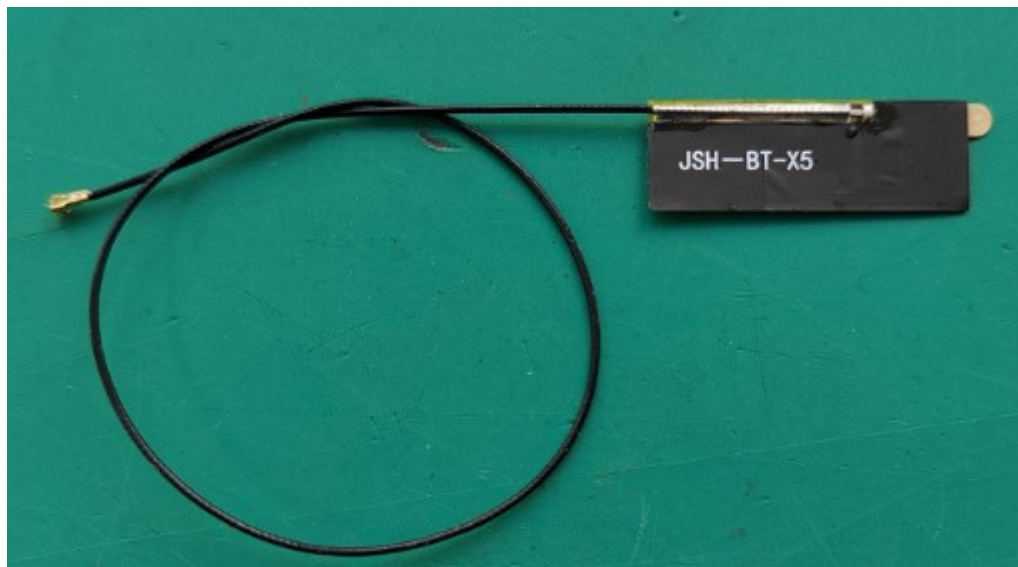
Antenna Specification

Manufacturer: YICHUANG TECHNOLOGY

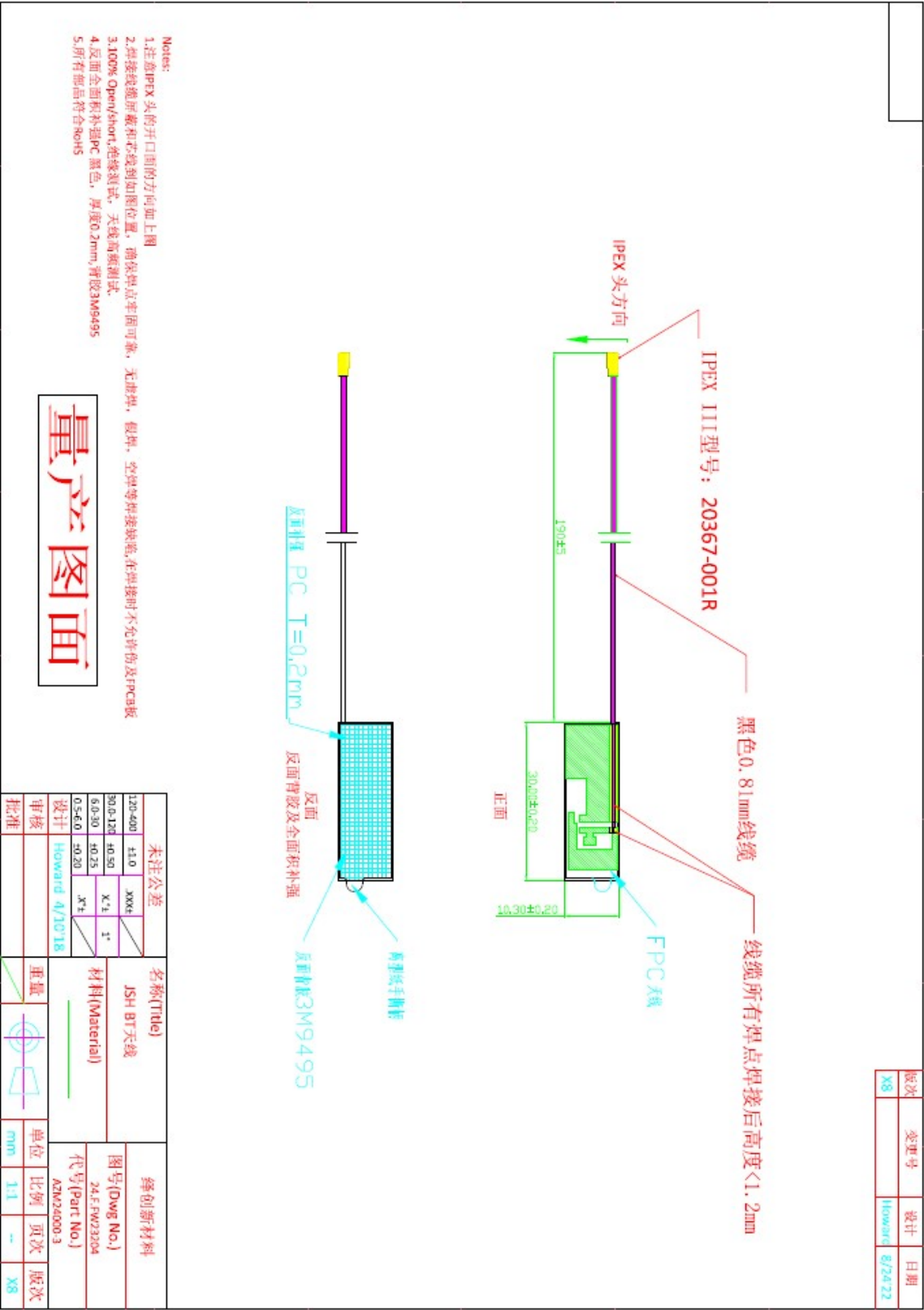
PN: AZM24000-3

Freq	2400~2500MHz
Antenna Type	FPC
Gain	$\leq 1.63\text{dBi}$
Return Loss	≤ -13
VSWR	$\leq 1.58:1$
Efficiency	$\geq 41\%$
Polarization	Linear
Impedance	50 ohms
Dimensions	30.0*10.3mm
Operational Temperature	-20~50°C
RF connector	IPEX 3
Cable	diameter 0.81mm, Length=190 $\pm$ 5mm

Antenna picture



Antenna drawing



Return Loss

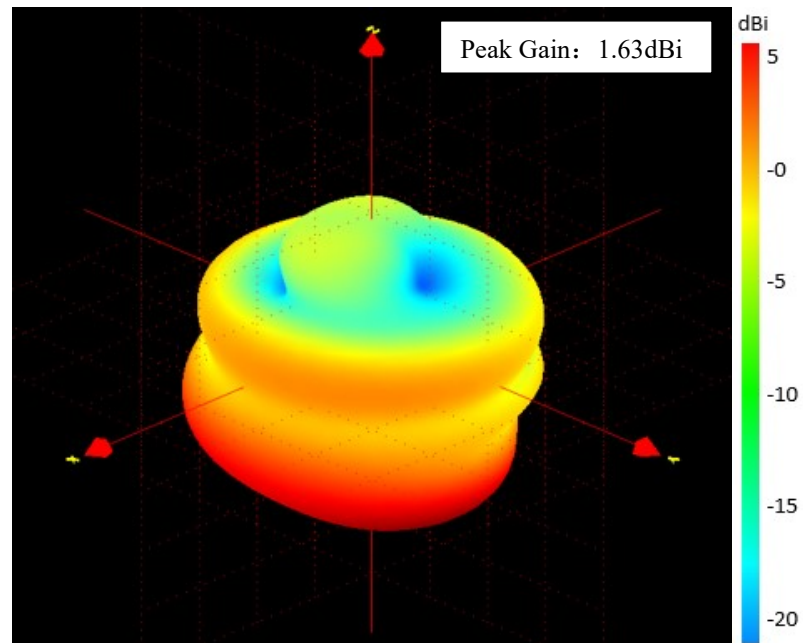


VSWR



Radiation Pattern

Test Chamber: Satimo SG16



Gain & Efficiency

Fre(MHz)	Eff(%)	Eff(dB)	Gain(dBi)
2400	41%	-3.88	1.52
2410	41%	-3.83	1.44
2420	44%	-3.58	1.63
2430	41%	-3.89	1.32
2440	41%	-3.86	1.24
2450	41%	-3.90	0.94
2460	41%	-3.83	1.07
2470	42%	-3.78	1.21
2480	41%	-3.89	1.22