

Antenna specification

Project: CLIP5D

Date : 2023-11-29

Catalogue

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- * 2. Antenna appearance and dimensions

- * 3. Antenna parameter details

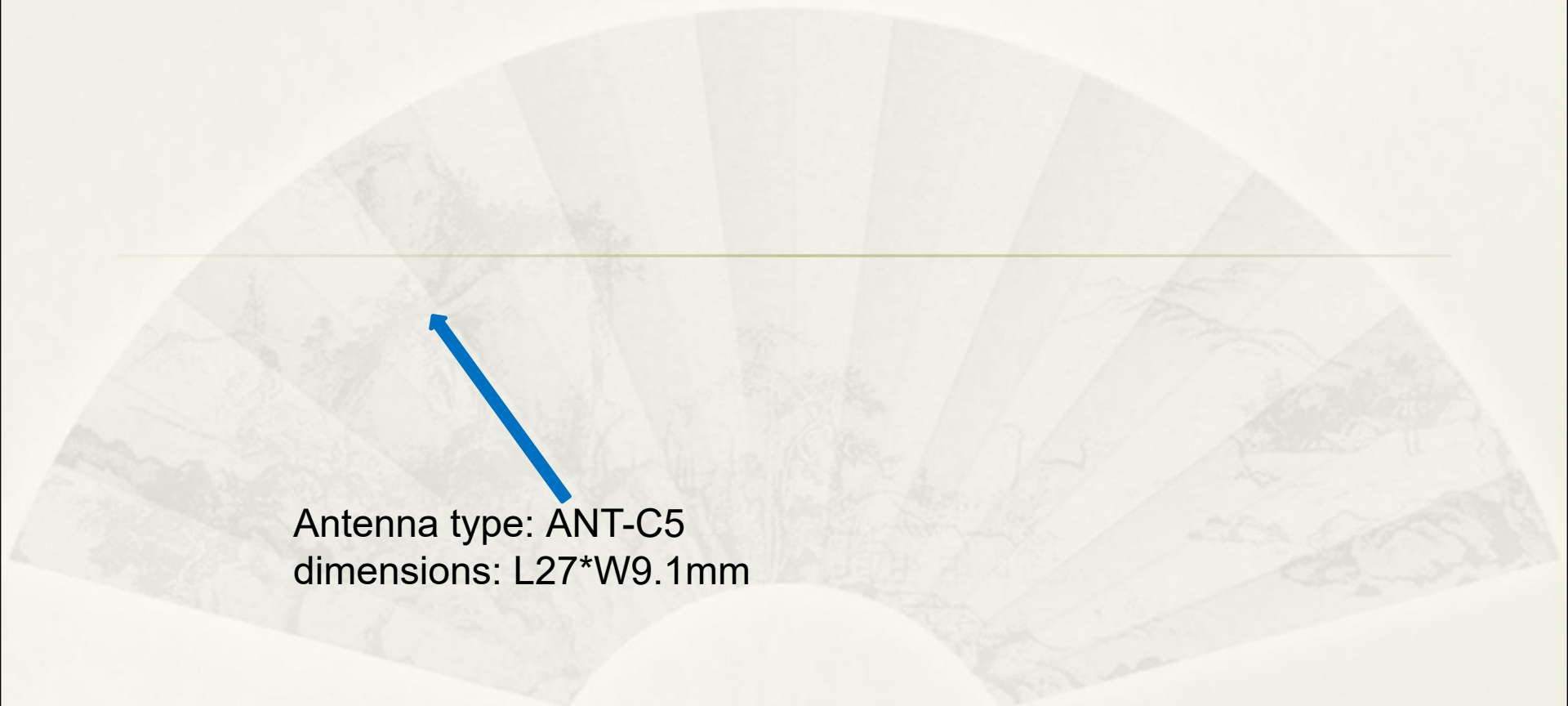
1. Overview of antenna parameters

Frequency	2400~2500MHZ
Effi AVG	61.96%
PK Gain	1.95dBi
SWR	<2
Antenna Type	Onboard copper antenna
Antenna polarization	Linear polarization
PART NO	ANT-C5
Antenna size	L27*W9.1mm

2. Antenna appearance and dimensions

PCB TOP

PCB BOTTOM



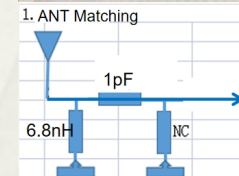
Antenna type: ANT-C5
dimensions: L27*W9.1mm

3. Antenna parameter details

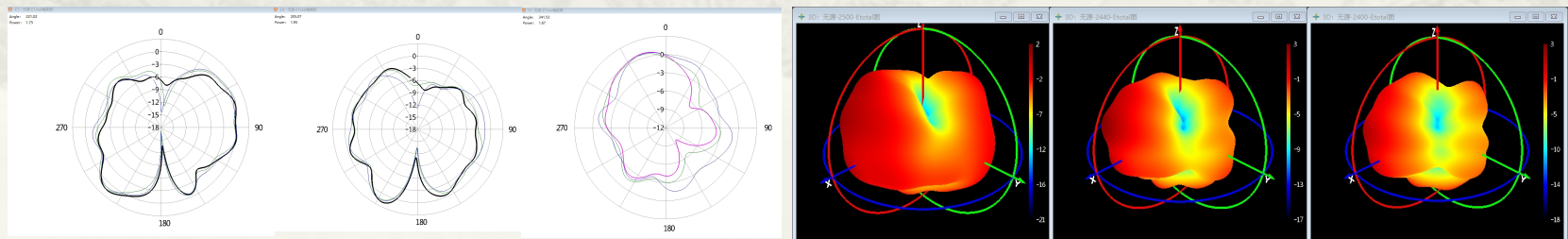
Antenna efficiency

Passive-FS			
Frequency(MHz)	Efficiency(%)	Efficiency(dB)	Gain(dBi)
2400	59.44	-2.26	1.95
2410	60.71	-2.17	1.85
2420	61.39	-2.12	1.87
2430	61.72	-2.1	1.8
2440	62.09	-2.07	1.71
2450	62.34	-2.05	1.68
2460	62.31	-2.05	1.68
2470	62.65	-2.03	1.65
2480	63.07	-2	1.6
2490	63.08	-2	1.55
2500	62.76	-2.02	1.44
AVG	61.96	-2.08	1.7

S11 parameter



Antenna pattern:





The End