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Change record			
Compile / change date	Reason for change	Changed content	Version
2025.7.19	First edition	First edition	V1.0
2025. 9. 10	Antenna update	Data Update	V2.0

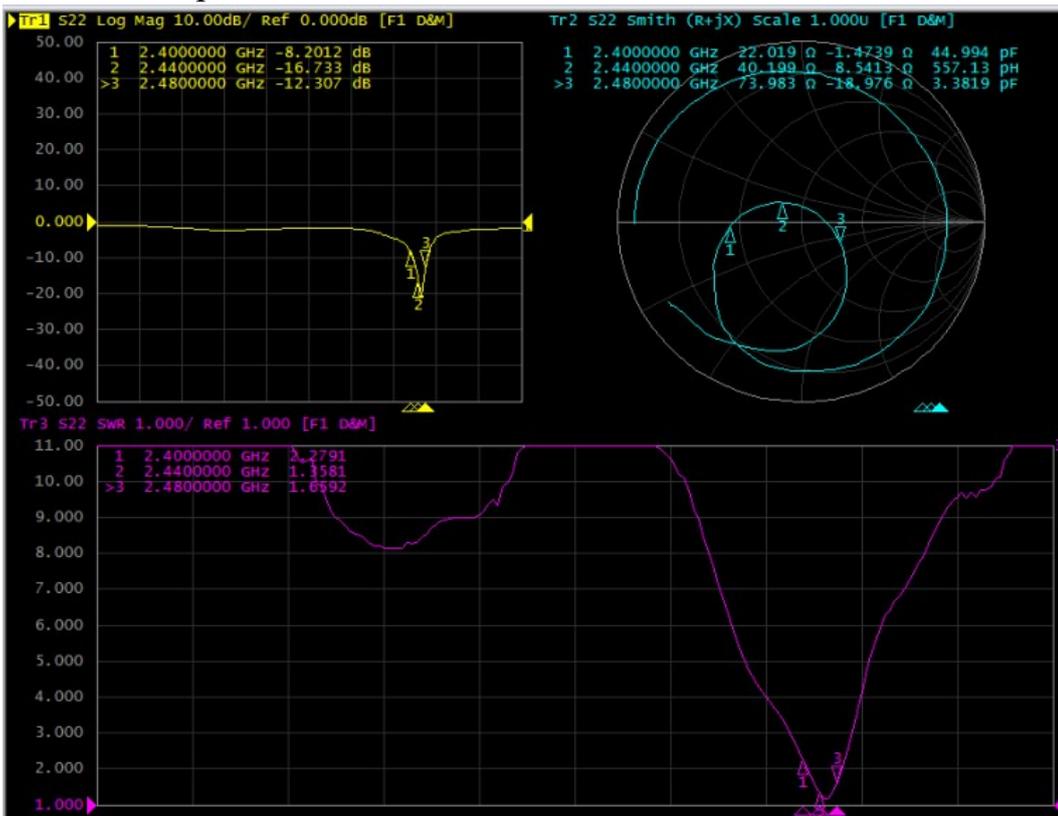


I: The report of passive data



Agilent E5071C

antenna S11 parameter:

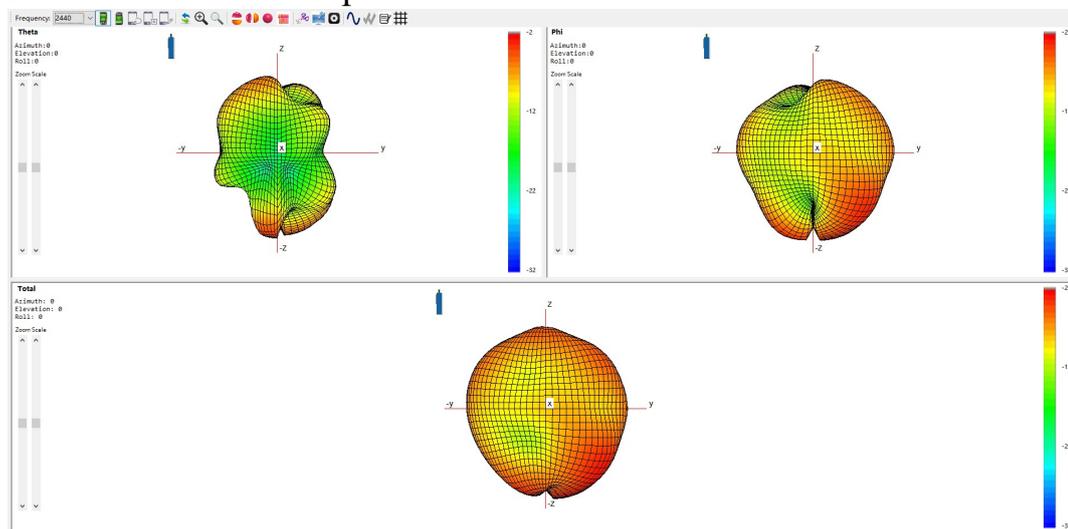




Efficiency:

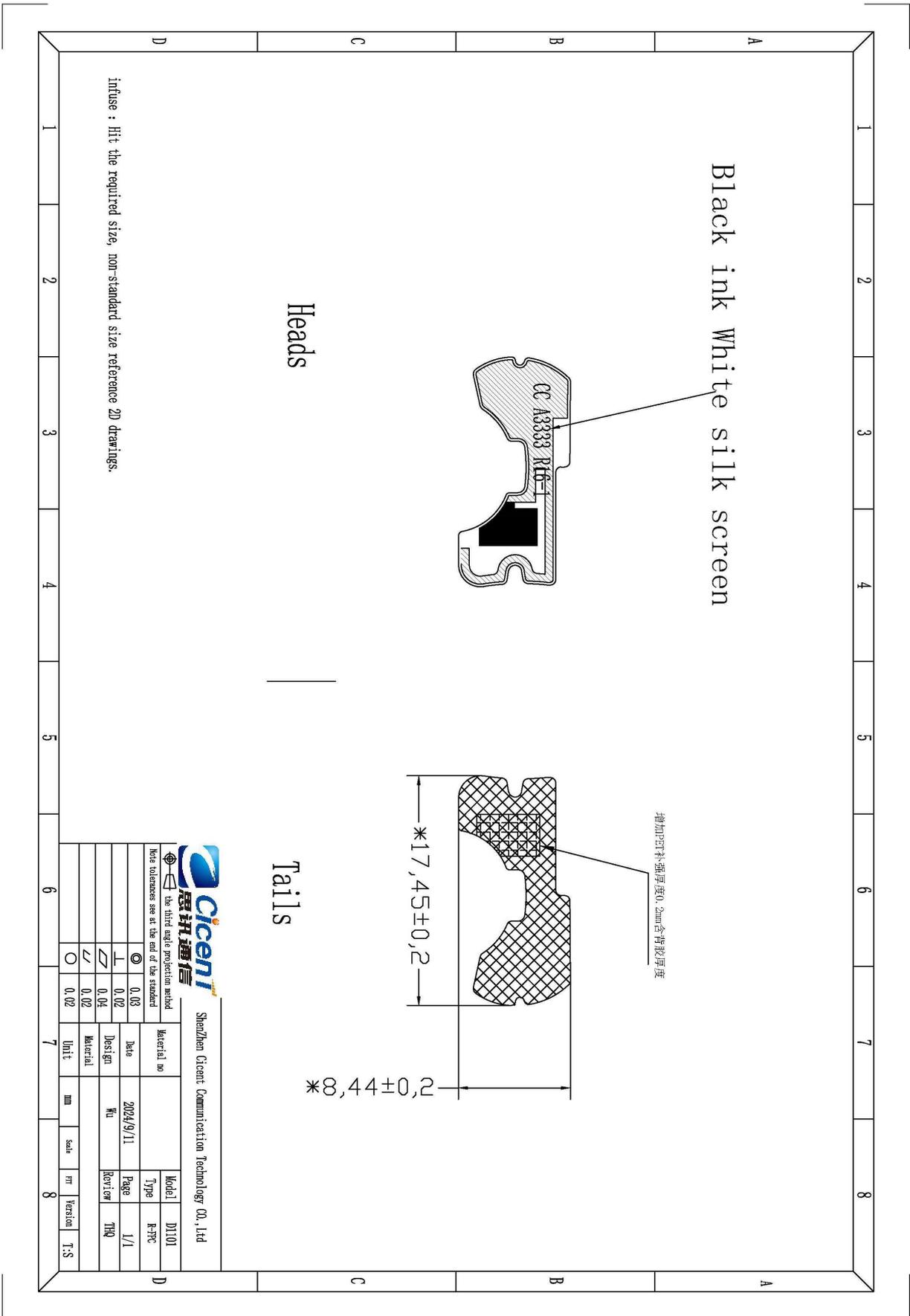
2400-2480 MHz			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	14.7%	-8.3	-3.8
2410	16.2%	-7.9	-3.5
2420	17.7%	-7.5	-3.1
2430	18.7%	-7.3	-3.0
2440	19.6%	-7.1	-2.6
2450	19.9%	-7.0	-2.3
2460	19.3%	-7.1	-2.3
2470	17.8%	-7.5	-2.6
2480	16.0%	-8.0	-2.9
AVG	17.8%	-7.5	-2.9

3D Antenna radiation pattern:





II: Antenna structure diagram file



infuse : Hit the required size, non-standard size reference 2D drawings.

		ShenZhen Cicent Communication Technology Co., Ltd	
the third angle projection method		Material no	
Notes: tolerances see at the end of the standard		Date	
☉	0.03	2024/9/11	Model
⊥	0.02	Rev	Type
∠	0.04	Design	E-PC
○	0.02	Material	Page
		Init.	1/1
			Review
			TRQ
			Version
			T-S