

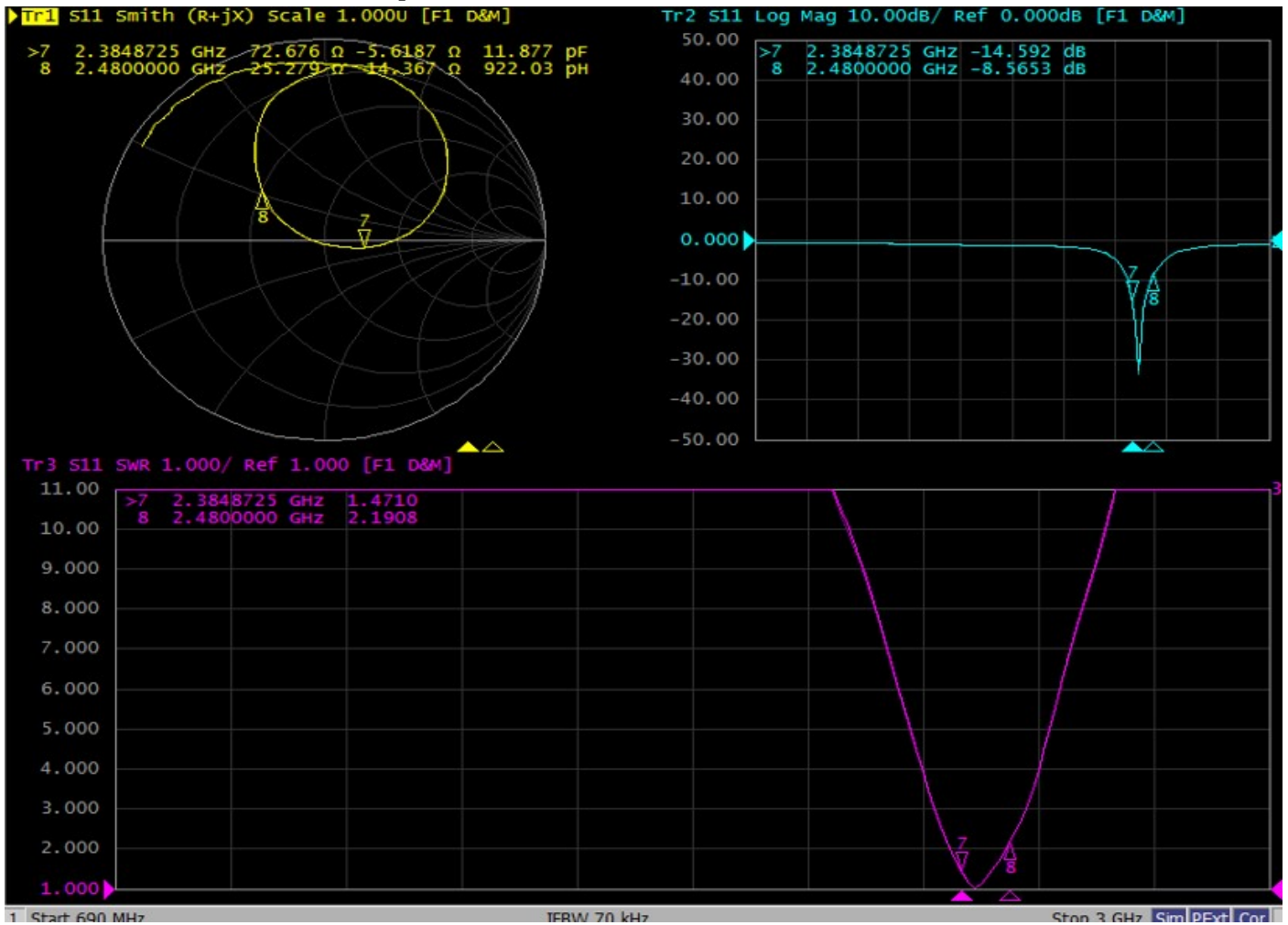


I: The report of passive data



Angilent E5071C

Left antenna VSWR(S11) parameter





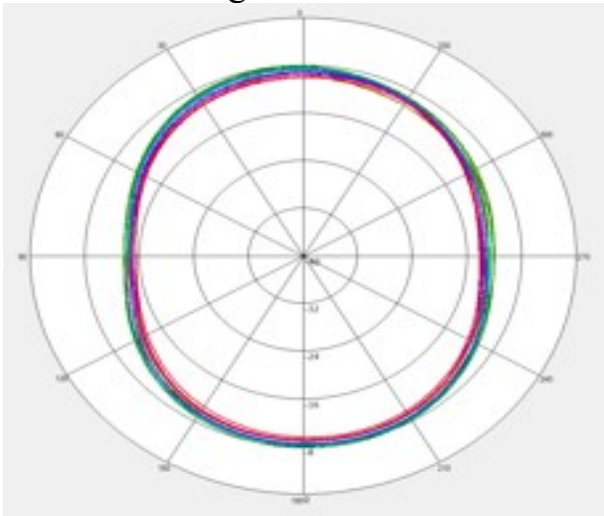
Passive efficiency and gain of left ear antenna

L			
Frequency (MHz)	Gain (dBi)	Efficiency (dB )	Efficiency(%)
2400	-5.2	-8.4	14.4
2410	-4.6	-8.2	15.3
2420	-4.2	-7.8	16.4
2430	-4.2	-7.7	17.0
2440	-4.4	-7.8	16.7
2450	-4.5	-7.9	16.4
2460	-4.7	-7.9	16.1
2470	-5.3	-8.2	15.2
2480	-5.5	-8.4	14.3
Average value	-4.73	-8.04	15.75

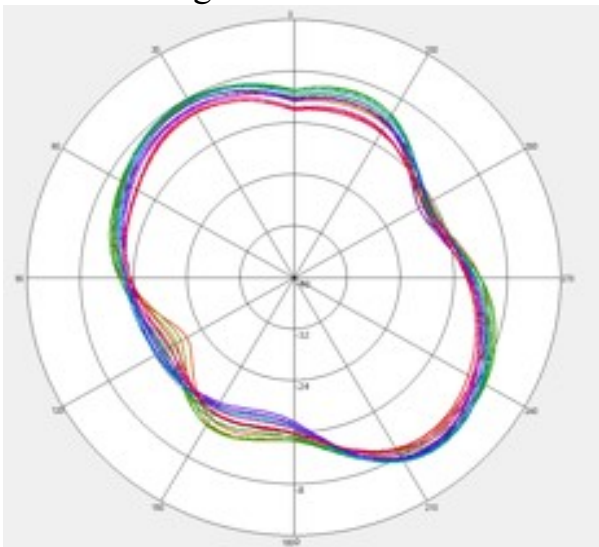


Antenna radiation 2D pattern

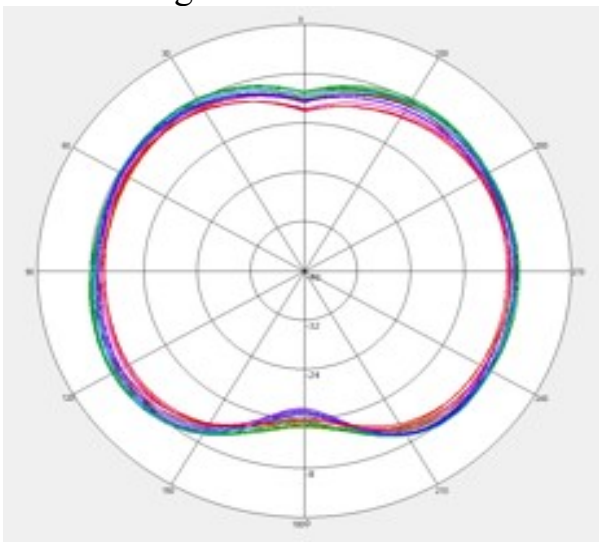
Theta=90.00deg



Phi=90.00deg

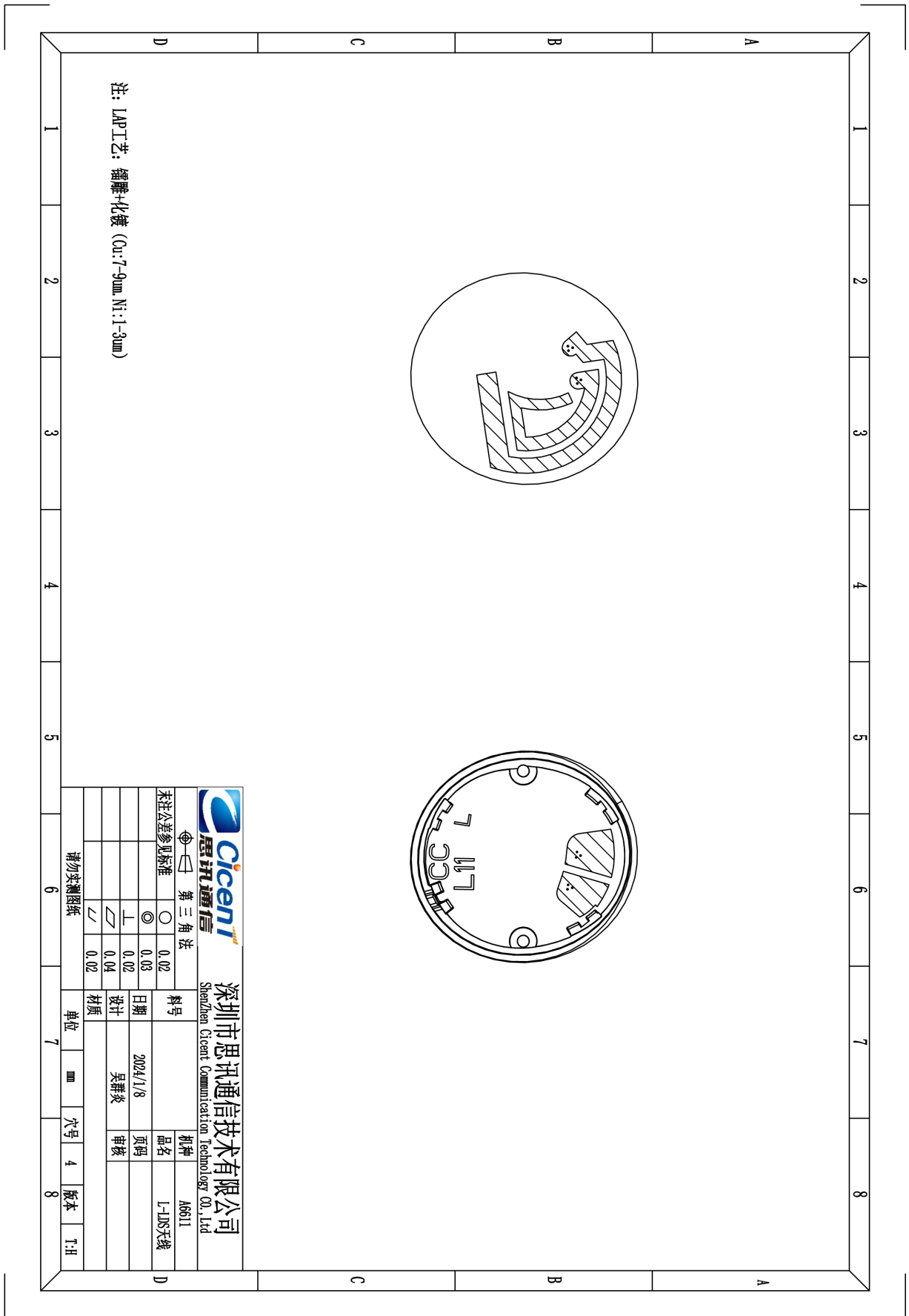


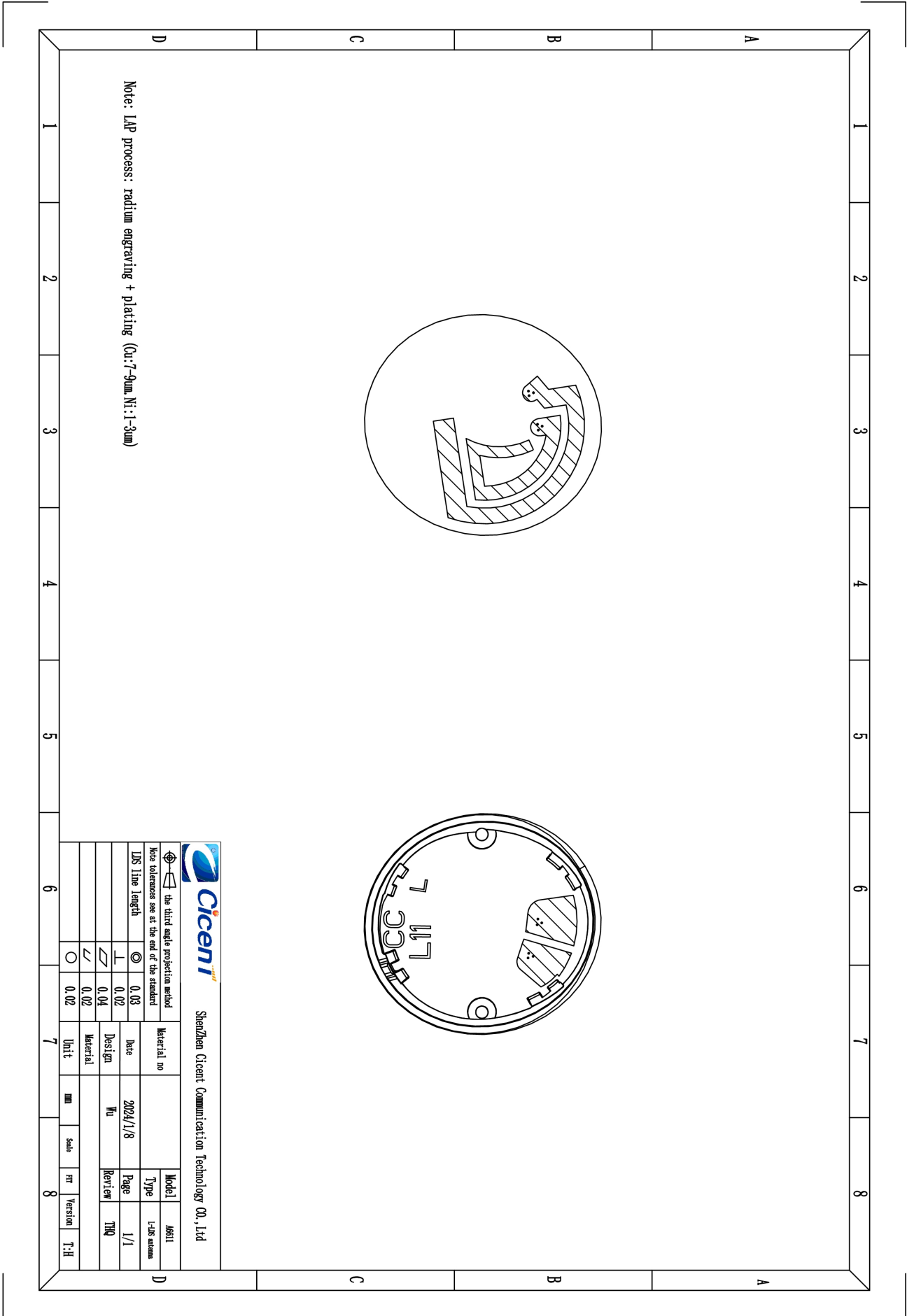
Phi=0.00deg





IV: Structure file





Note: LAP process: radium engraving + plating (Cu:7-9um, Ni:1-3um)

Shenzhen Cicent Communication Technology Co., Ltd		Material no	Model
the third angle projection method Note: tolerances see at the end of the standard		Date	Type
DWS line length	0.03	2024/1/8	L-DS antenna
	0.02	Design	Page
	0.04	Wu	1/1
	0.02	Material	Review
	0.02	Unit	THQ
		mm	mm
		scale	Version
			T:H