



Antenna Part Specification

Project name:	A110B
Material category:	BLE antenna
Manufacturer:	Shenzhen Cicent Communication Technology Co., Ltd.
Manufacturer address:	505-506 ,A Block,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Version:	V1.0
Date:	2025.5.30



Contents

I: The report of passive data	3
II: Antenna structure diagram file.....	7

Change record			
Compile / change date	Reason for change	Changed content	Version
2025.5.30	First edition	First edition	V1.0

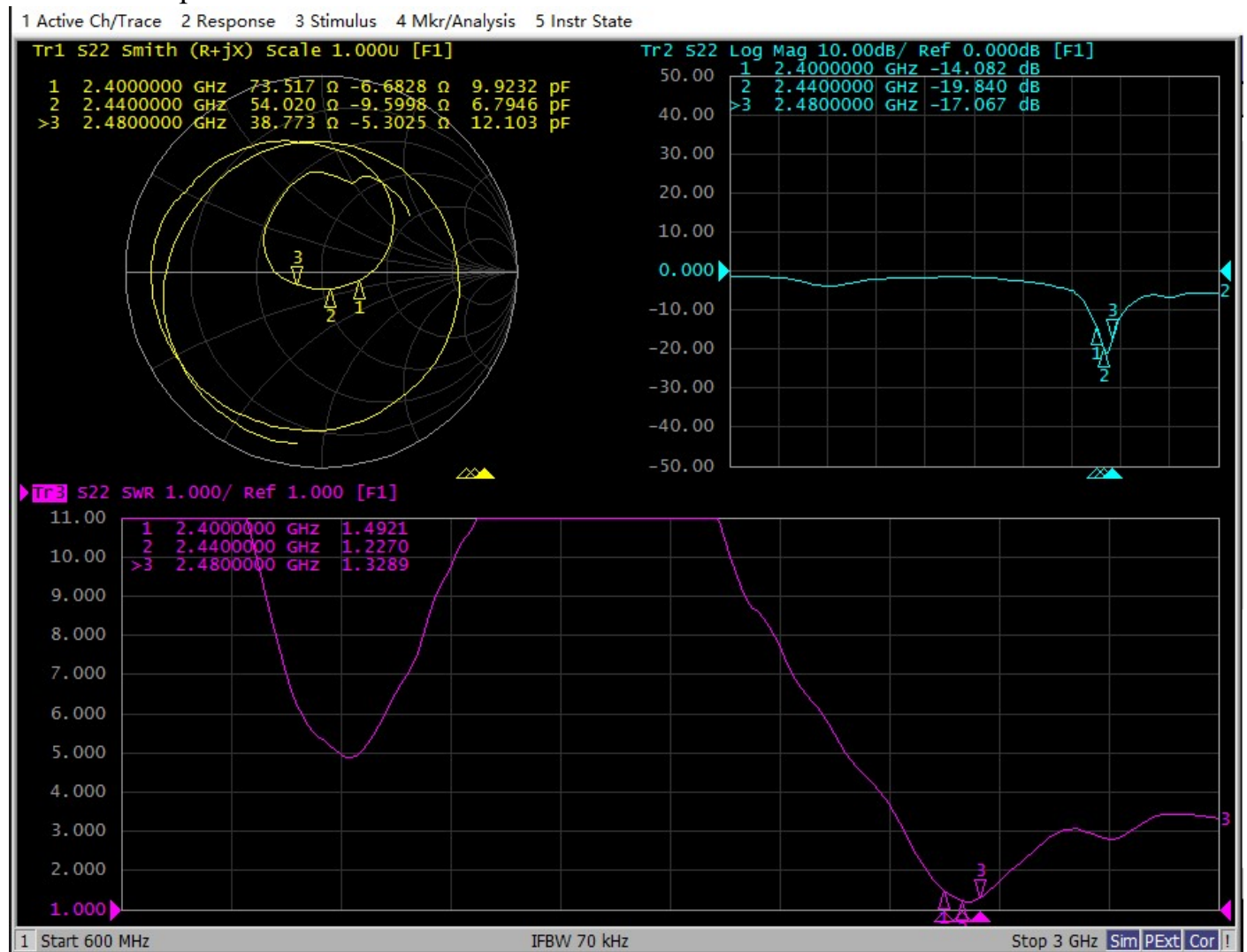


I: The report of passive data



Angilent E5071C

antenna S11 parameter:

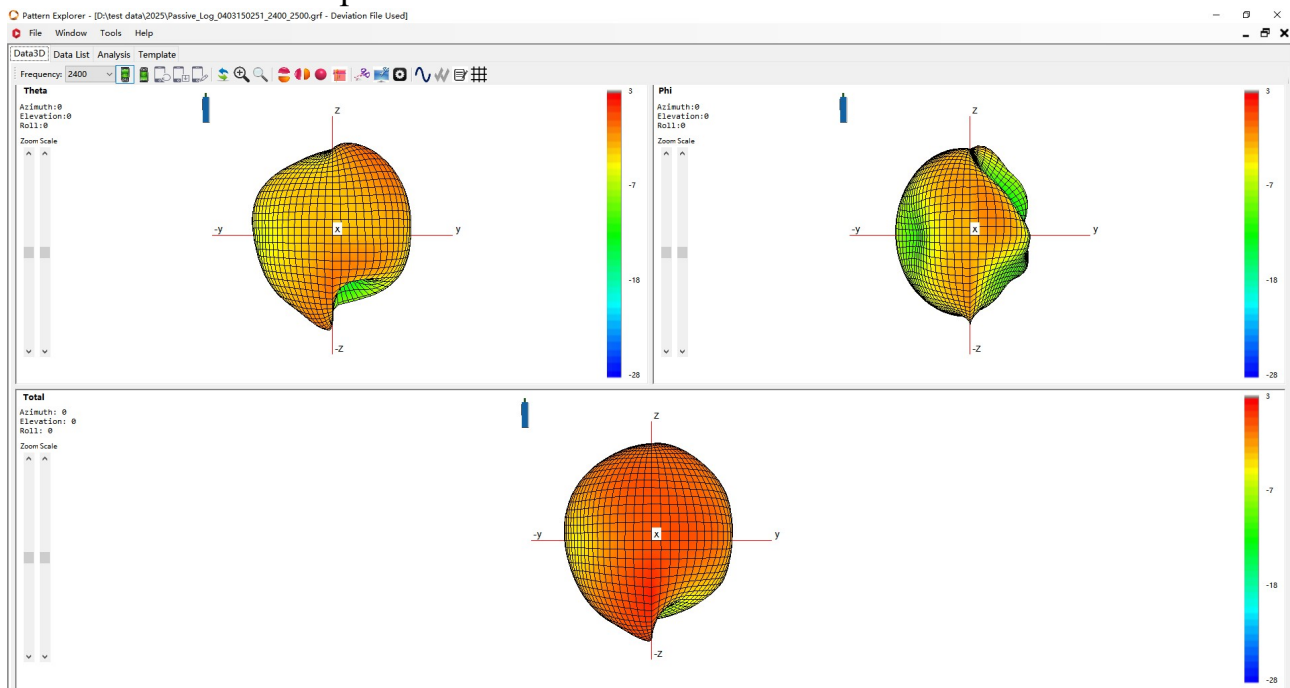




Efficiency:

Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	39.2%	-4.1	1.1
2410	40.8%	-3.9	1.2
2420	41.8%	-3.8	1.3
2430	42.0%	-3.8	1.3
2440	42.0%	-3.8	1.3
2450	41.8%	-3.8	1.2
2460	41.0%	-3.9	1.0
2470	40.1%	-4.0	0.9
2480	39.4%	-4.1	0.7
AVG	40.9%	-3.9	1.1

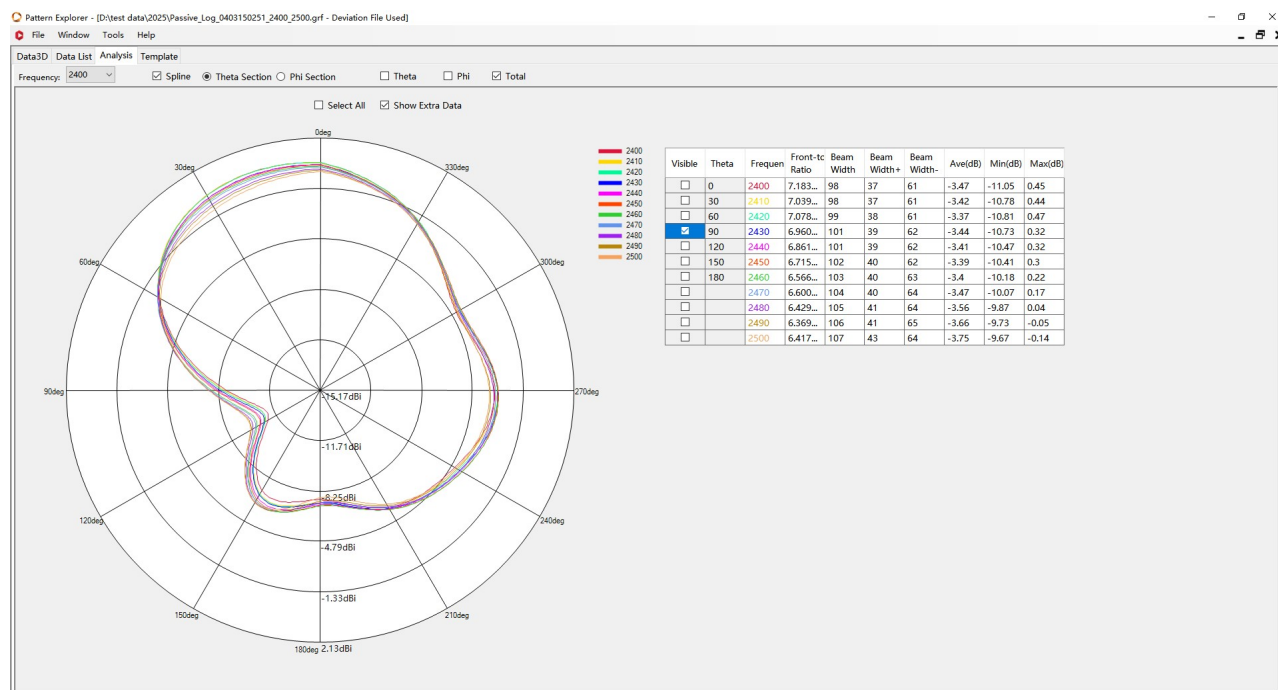
3D Antenna radiation pattern:



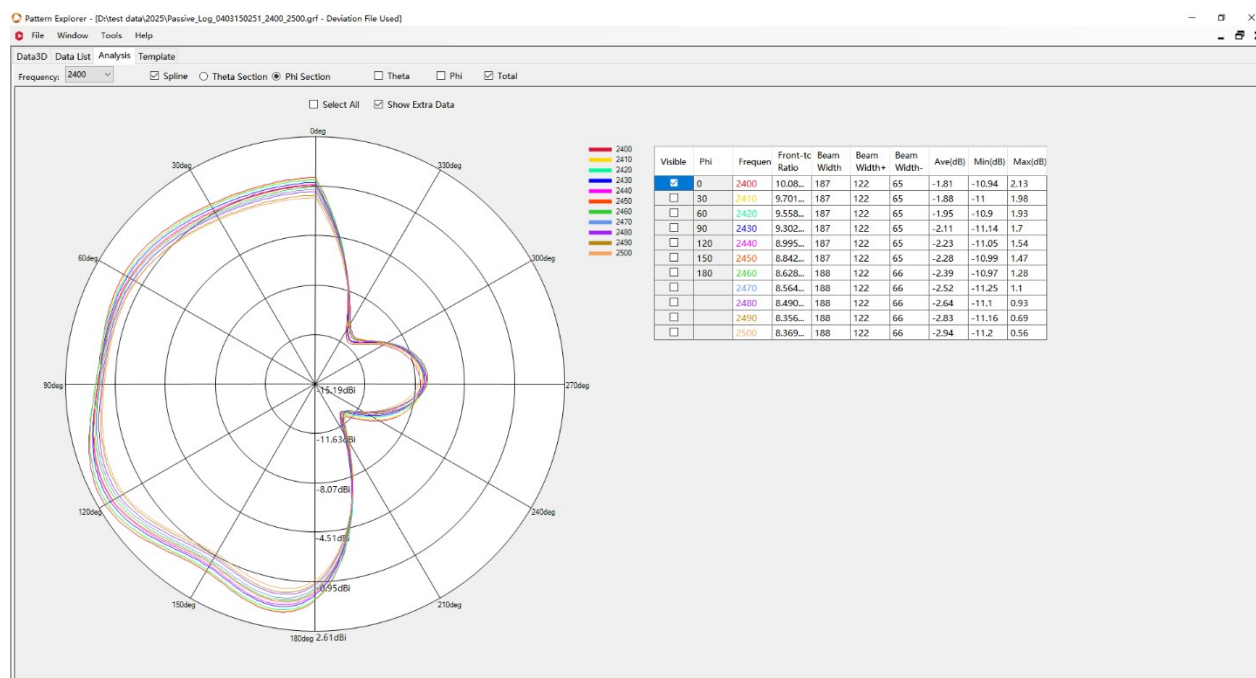


2D Antenna radiation pattern:

Theta=90°

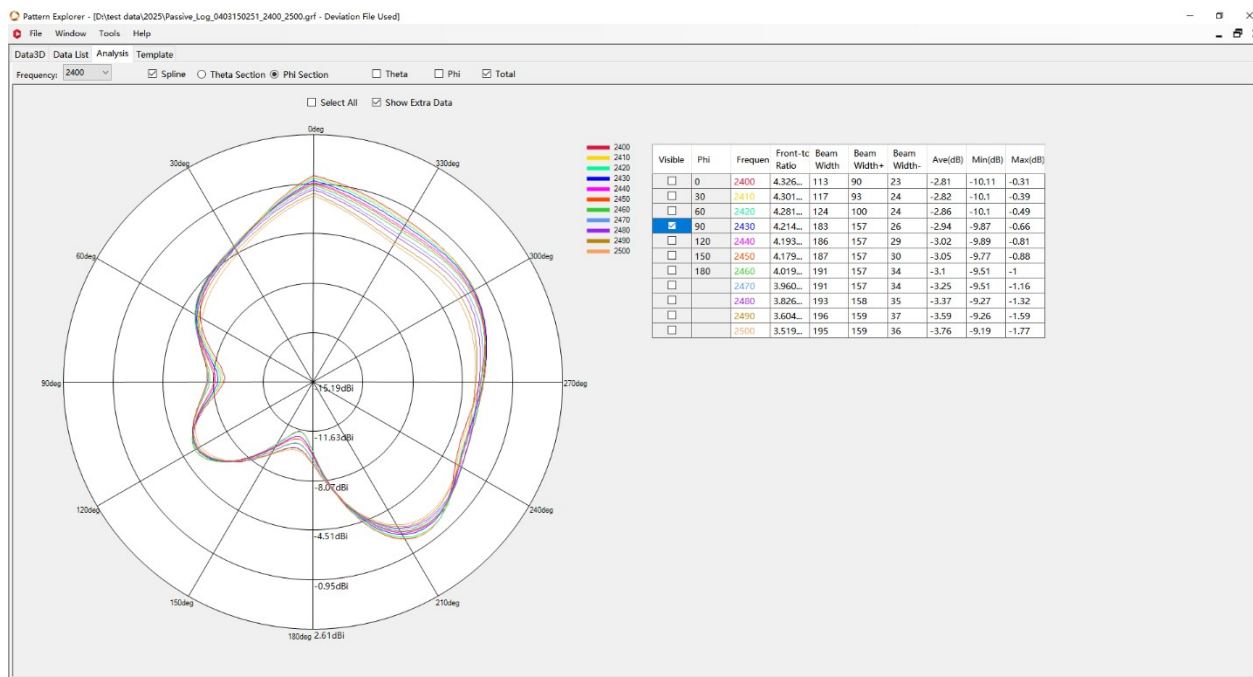


Phi=0°





Phi=90°



OTA Standard Chamber



II: Antenna structure diagram file

