



Antenna specification

Project name:	TAF3
Antenna name:	BT antenna assembly
Specification version number:	V1.0
Date:	2025.05.30

Manufacturer: Shenzhen Sixun Communication Technology Co., Ltd.

Address: A505/506, Donglian Building, Chuangye Second Road, Dalang Community, Xin'an Street, Baoan District, Shenzhen



catalogue

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Date of establishment/change	Reason for change	Change content	version
2025.05.30	First edition issue	First edition issue	V1.0

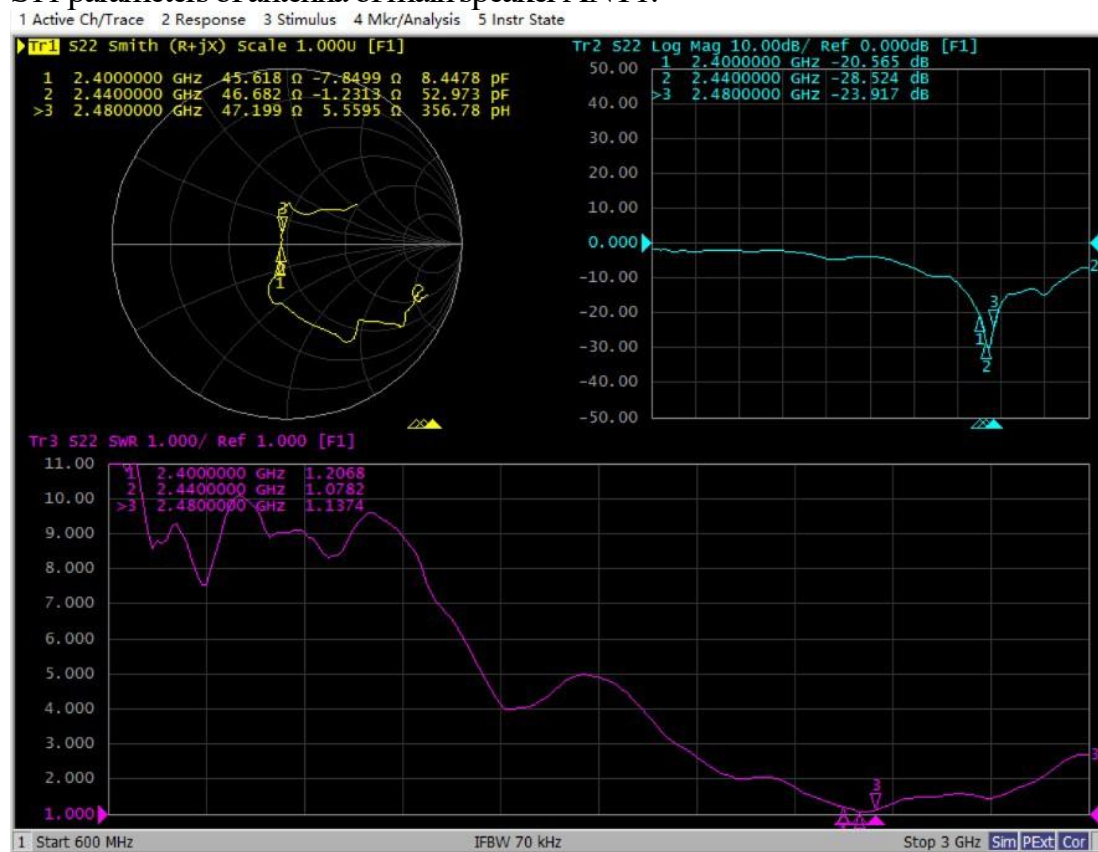


One: Passive test report



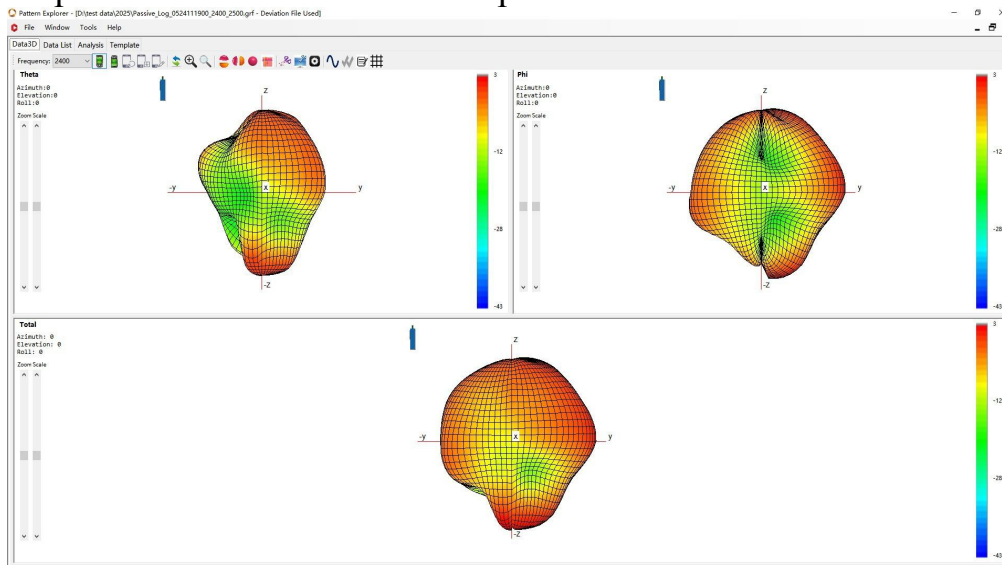
Angilent E5071C

S11 parameters of antenna of main speaker ANT1:





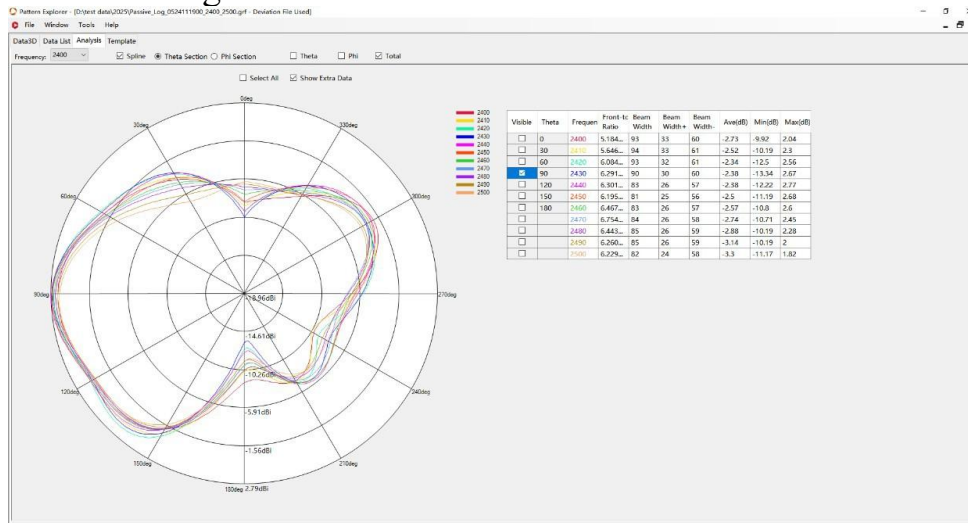
3D pattern of ANT1 antenna of main speaker:



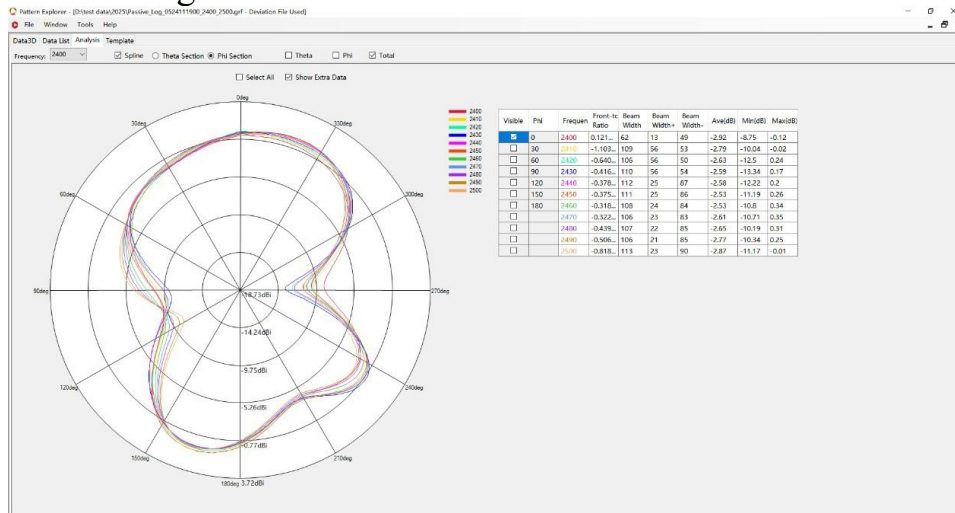


2D pattern of ANT1 antenna of main speaker:

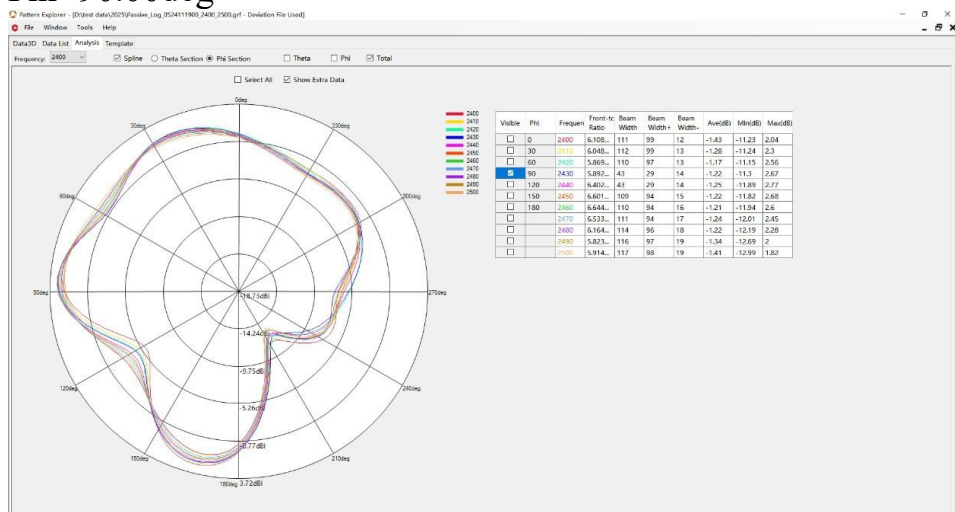
Theta=90.00deg



Phi=0.00deg

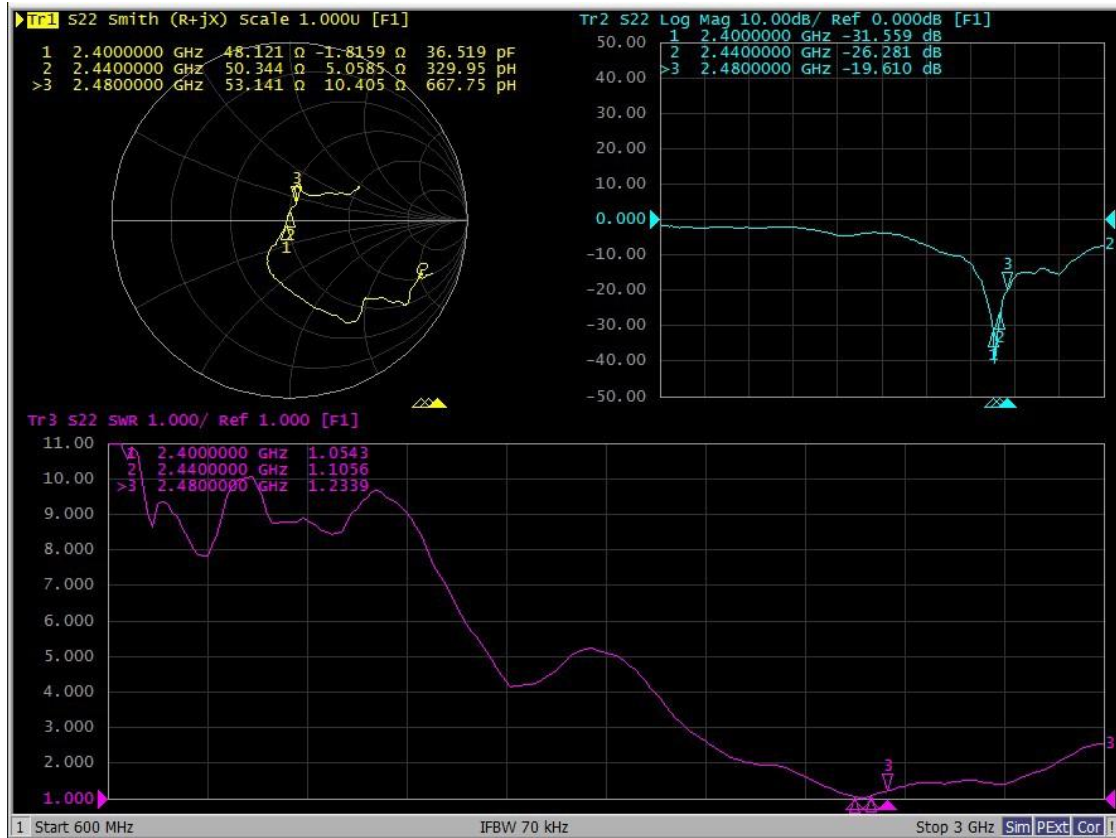


Phi=90.00deg



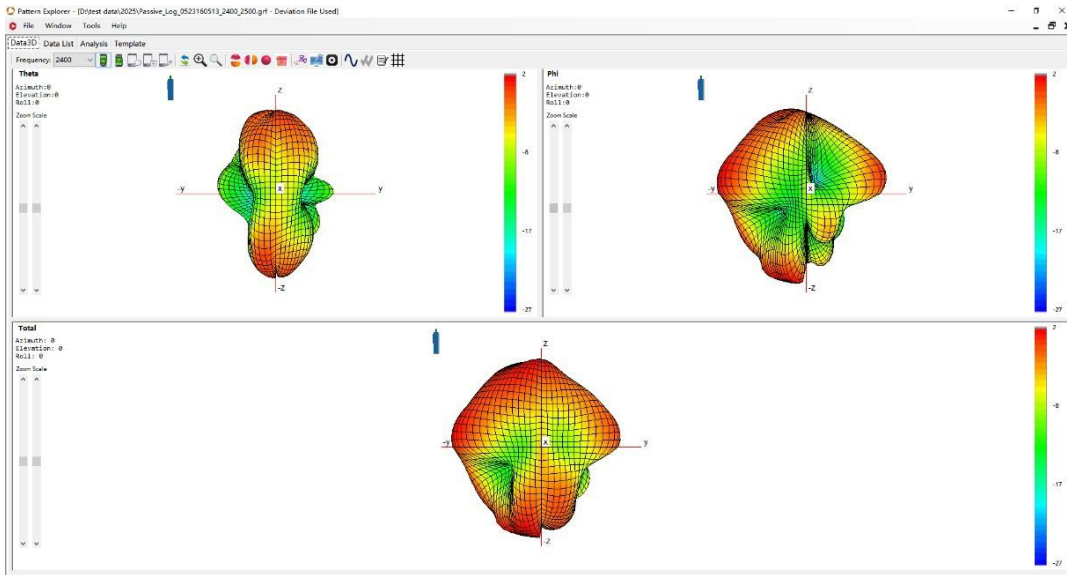


3D pattern of ANT2 antenna of main speaker:



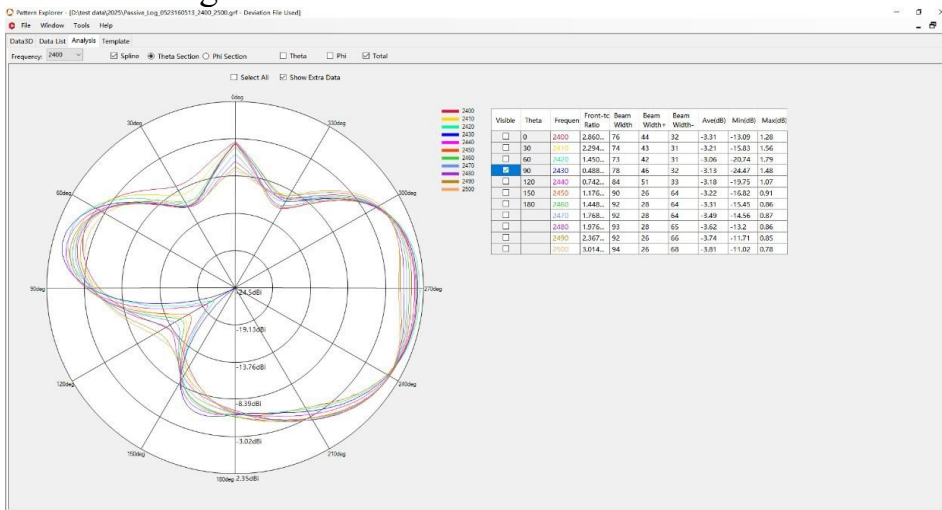


3D pattern of ANT2 antenna of main speaker:



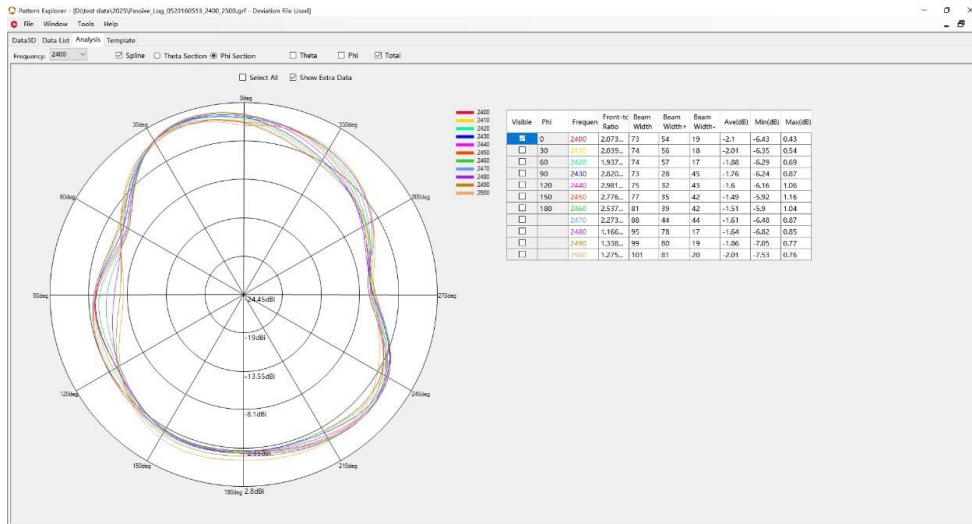
2-D pattern of main speaker ANT2 antenna:

Theta=90.00deg

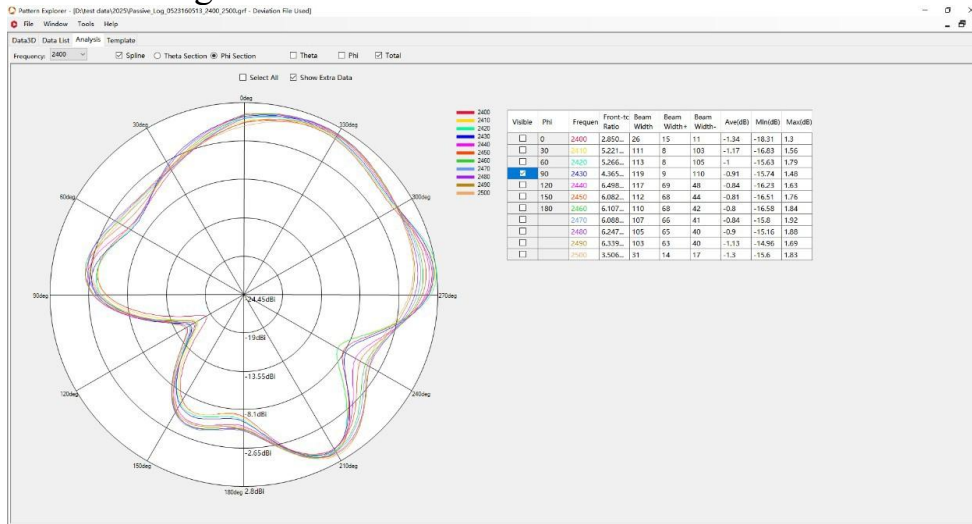




Phi=0.00deg

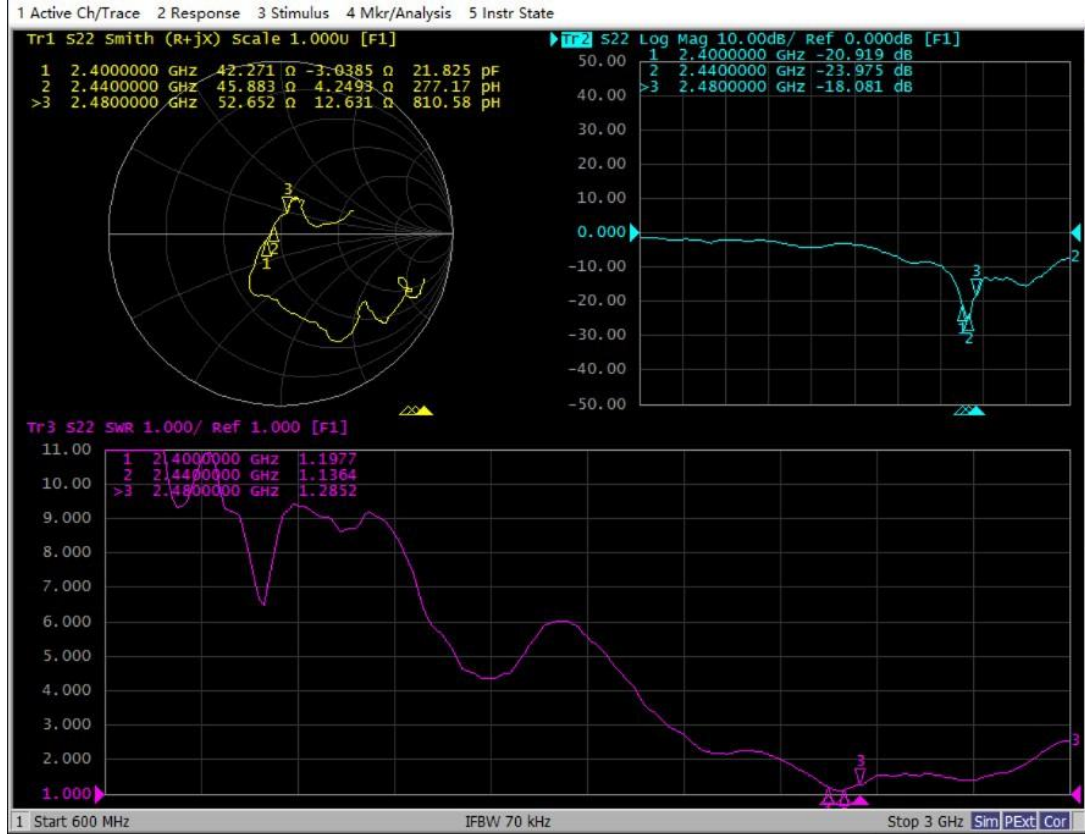


Phi=90.00deg



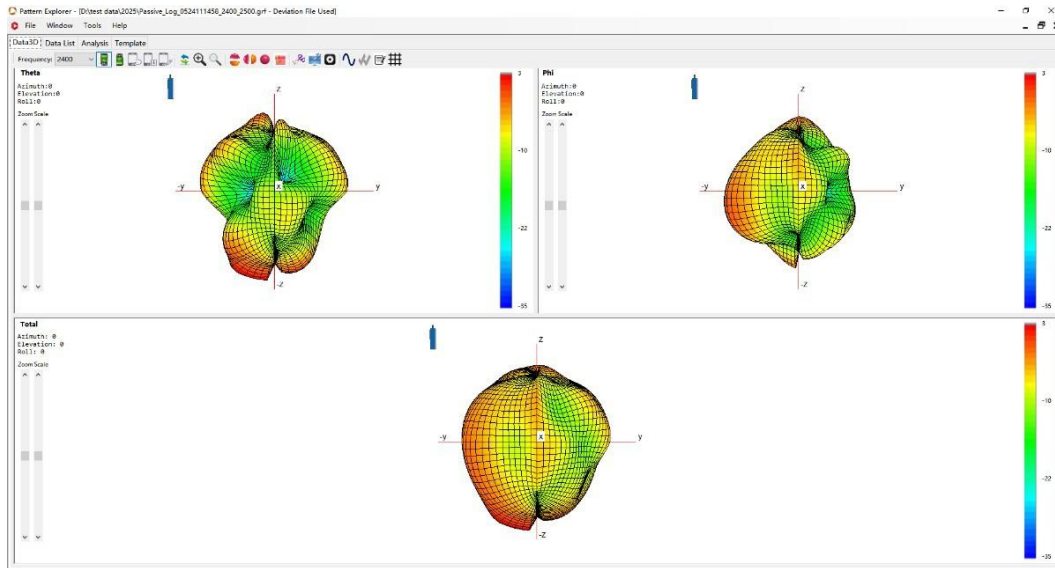


Phi=0.00deg

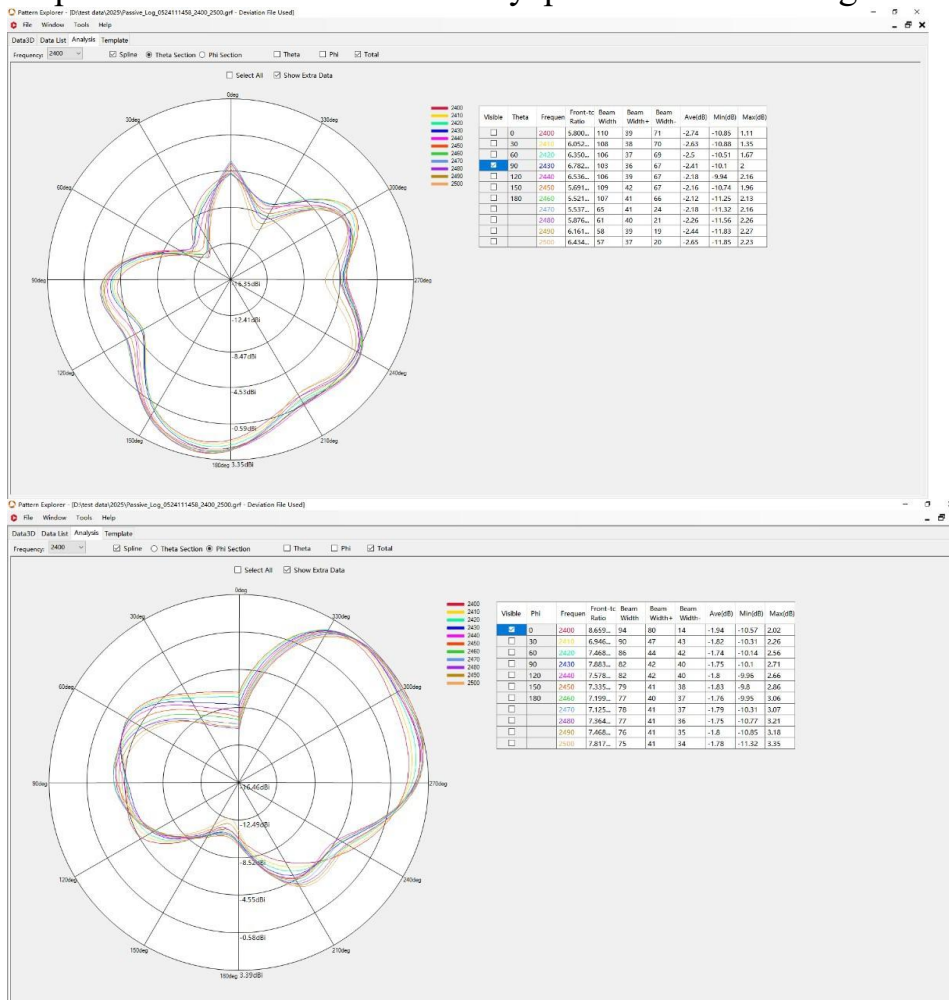




Phi=0.00deg



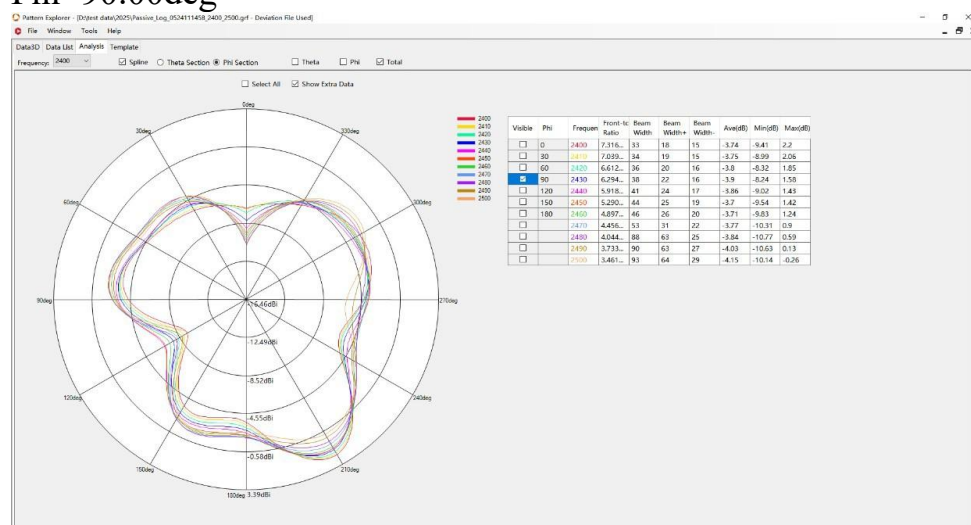
2D pattern of ANT1 antenna of auxiliary speaker: Theta=90.00deg





Phi=0.00deg

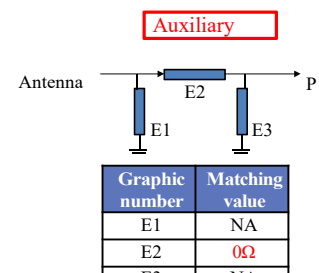
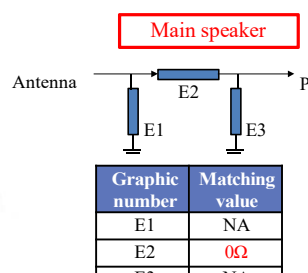
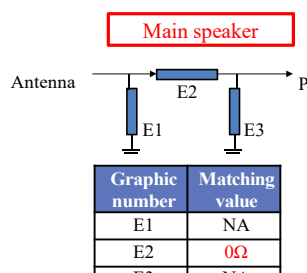
Phi=90.00deg



OTA Standard Chamber



Antenna matching circuit



Three: antenna placement position



