

Antenna Spec.

Item:	YF39C
Antenna:	L-BT Antenna
Version:	V1.0
Date:	2025.12.25
Manufacturer:	ShenZhen Cicent Communication Technology CO.,Ltd

一：无源测试报告 Passive Test Report

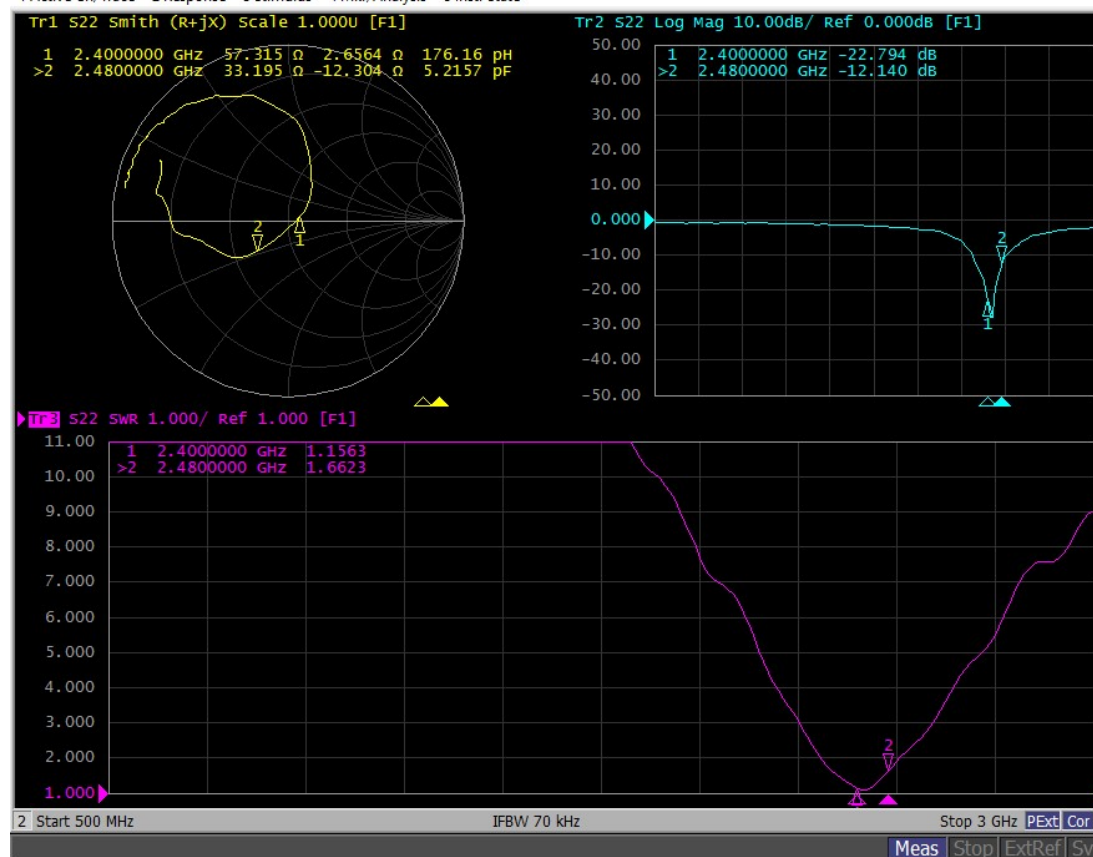


Agilent E5071C

天线 S11 参数：（左耳-自由） Antenna S11 parameters: (Left ear - Free)

E5071C Network Analyzer

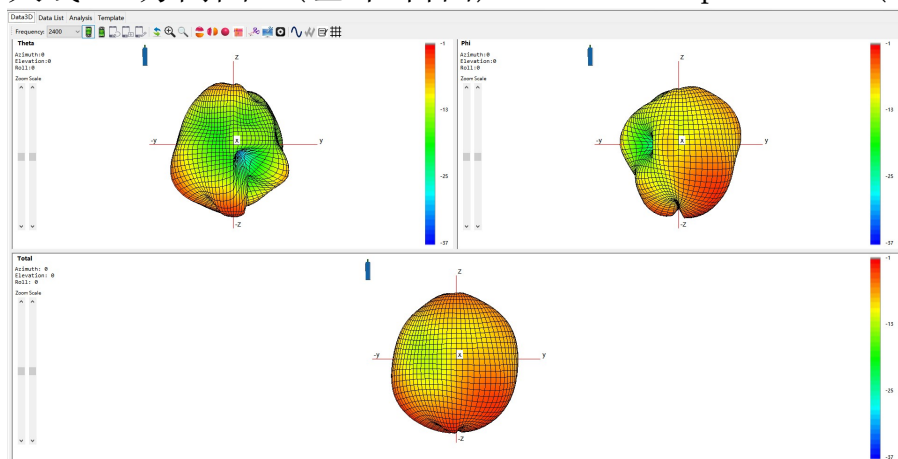
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State



天线效率和增益：(左耳-自由)Antenna efficiency and gain: (Left ear - Free)

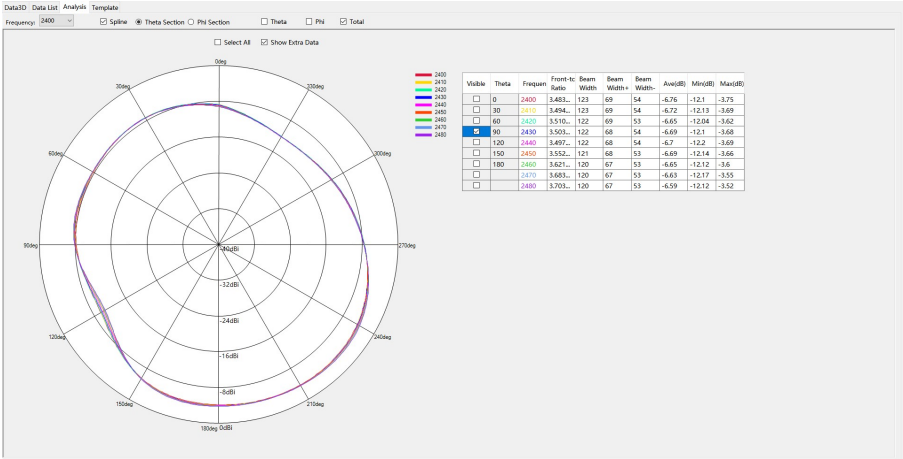
L			
Frequency	Gain	efficiency db	efficiency%
2400	-1.9	-6.0	25.1
2410	-1.9	-6.0	25.3
2420	-1.9	-6.0	25.4
2430	-2.0	-6.0	25.1
2440	-2.0	-6.0	25.0
2450	-2.0	-6.0	25.1
2460	-2.1	-6.0	25.3
2470	-2.1	-6.0	25.3
2480	-2.2	-5.9	25.5
平均值	-2.0	-6.0	25.2

天线 3D 方向图：(左耳-自由)Antenna 3D pattern: (Left ear - Free)

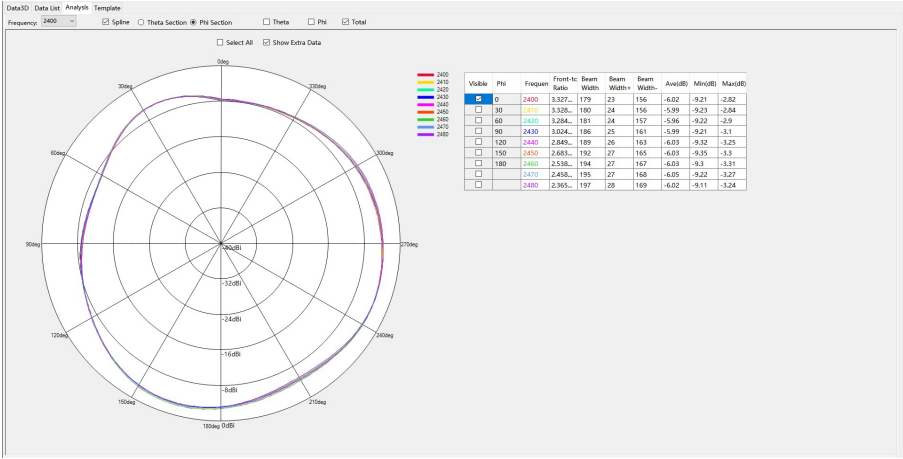


天线 2D 方向图：(左耳-自由)Antenna 2D pattern: (Left ear - Free)

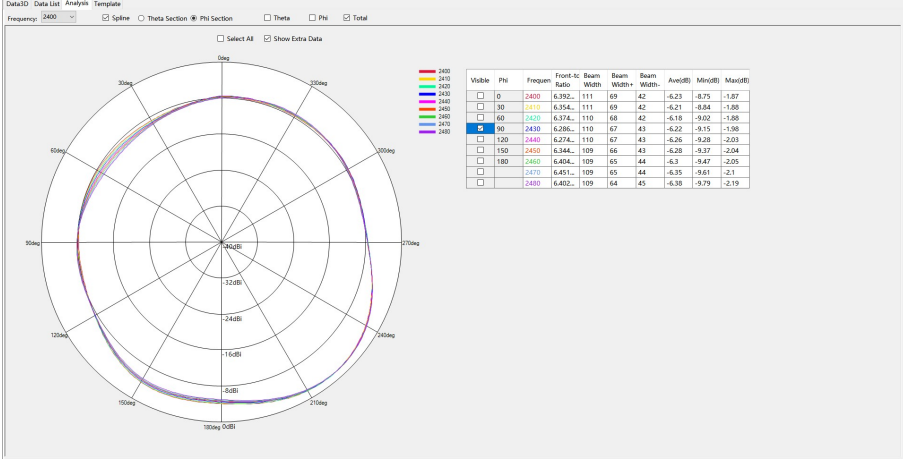
Theta=90.00deg



Phi=0.00deg

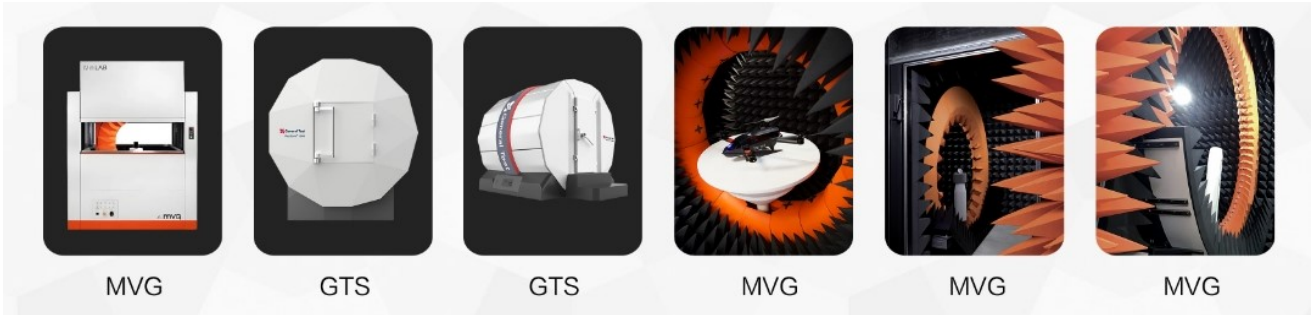


Phi=90.00deg



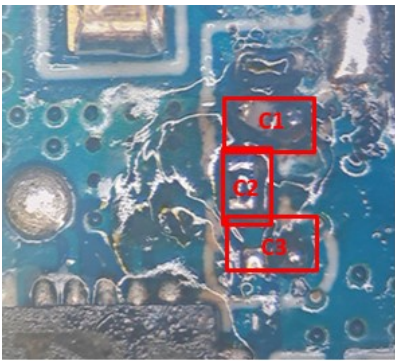
二：天线有源测试数据Antenna Active Test Data

		自由Free	
	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	5.6	-86.8
	CH 39	6.0	-88.3
	CH 78	5.1	-86.5



OTA Standard Chamber

三：天线匹配电路Antenna matching circuit



图示编号	匹配值
C1	1.5NH
C2	OR
C3	N/A

四：天线结构图档Antenna structure diagram file

