

Antenna Spec.

Item:	YF39C
Antenna:	R-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

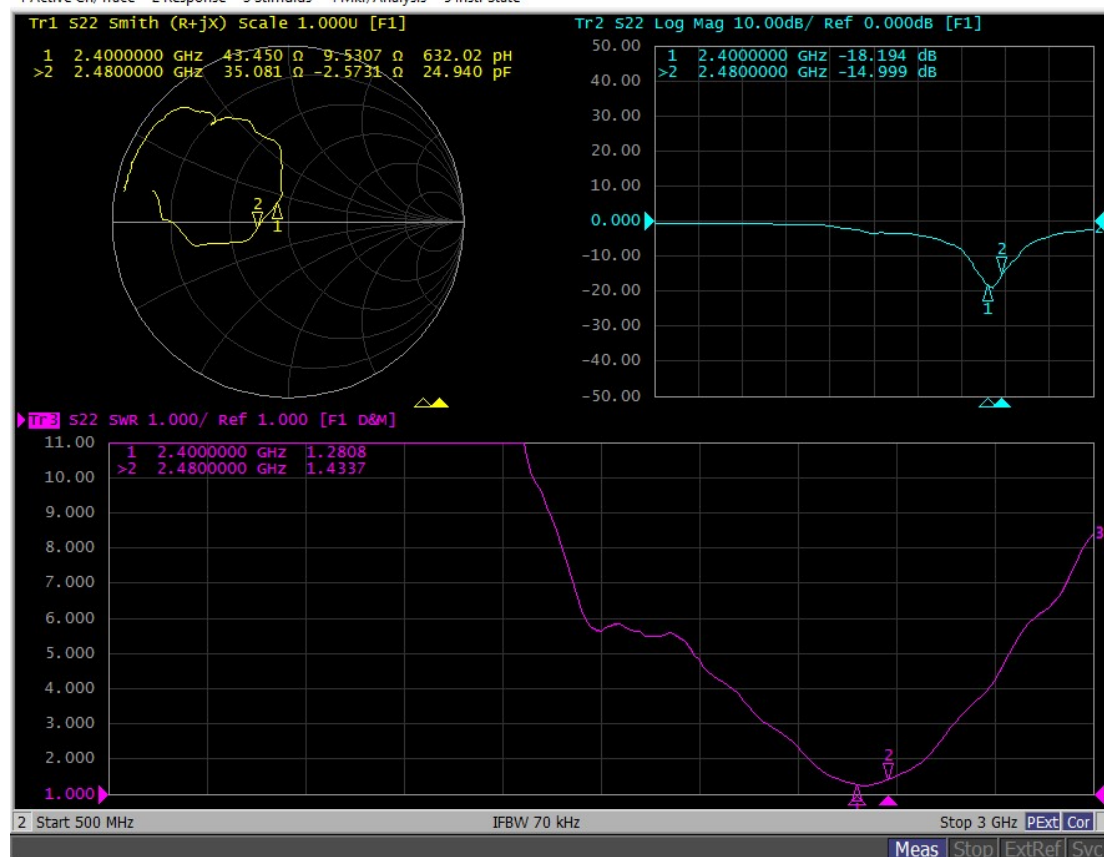


Agilent E5071C

天线 S11 参数：（右耳-自由） Antenna S11 parameters: (Right ear - Free)

E5071C Network Analyzer

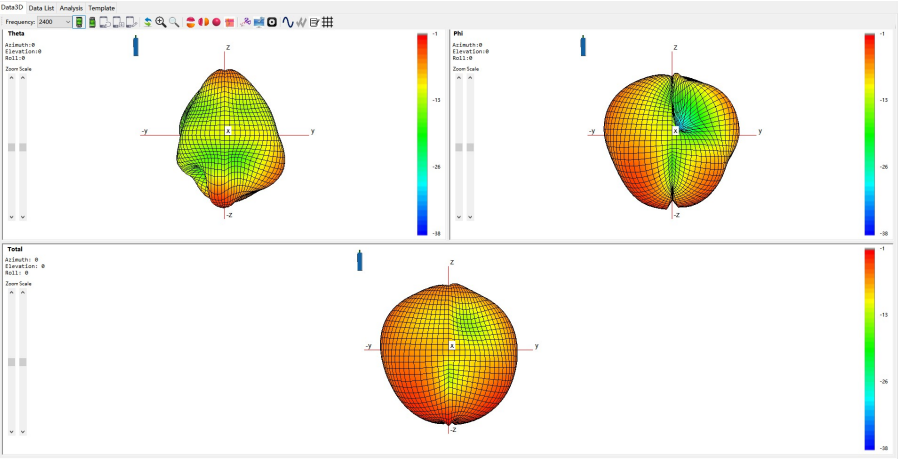
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State



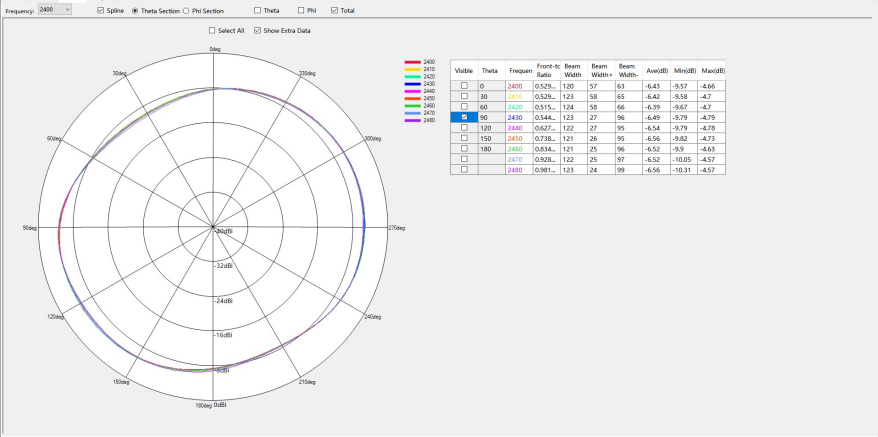
天线效率和增益：(右耳-自由)Antenna efficiency and gain: (Right ear - Free)

R			
Frequency	Gain	efficiency db	efficiency%
2400	-2.0	-6.1	24.4
2410	-1.9	-6.2	24.3
2420	-1.8	-6.2	24.2
2430	-2.0	-6.3	23.7
2440	-2.0	-6.3	23.4
2450	-1.9	-6.3	23.3
2460	-1.9	-6.3	23.4
2470	-1.9	-6.4	23.1
2480	-1.9	-6.4	23.1
平均值	-1.9	-6.3	23.7

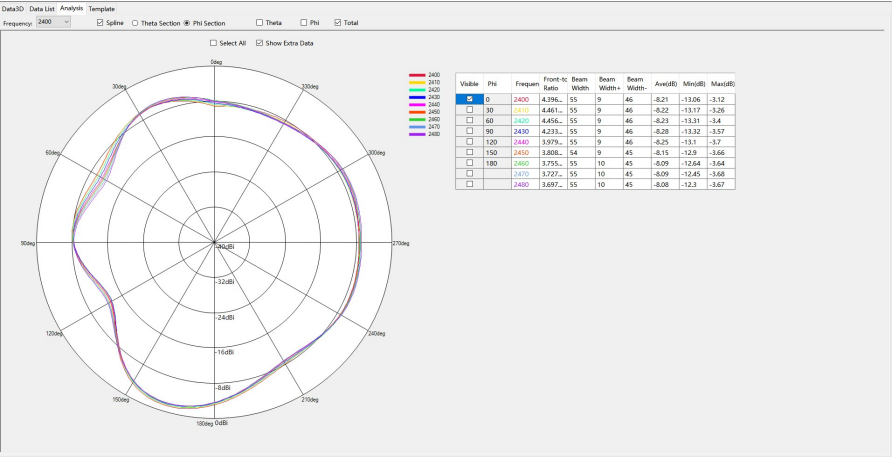
天线 3D 方向图：(右耳-自由)Antenna 3D pattern: (Right ear - Free)



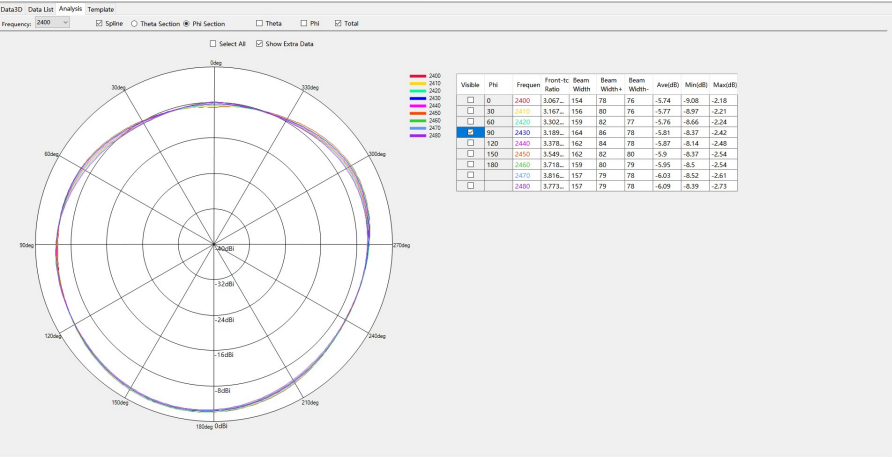
天线 2D 方向图：(右耳-自由)Antenna 2D pattern: (Right ear - Free)
Theta=90.00deg



Phi=0.00deg

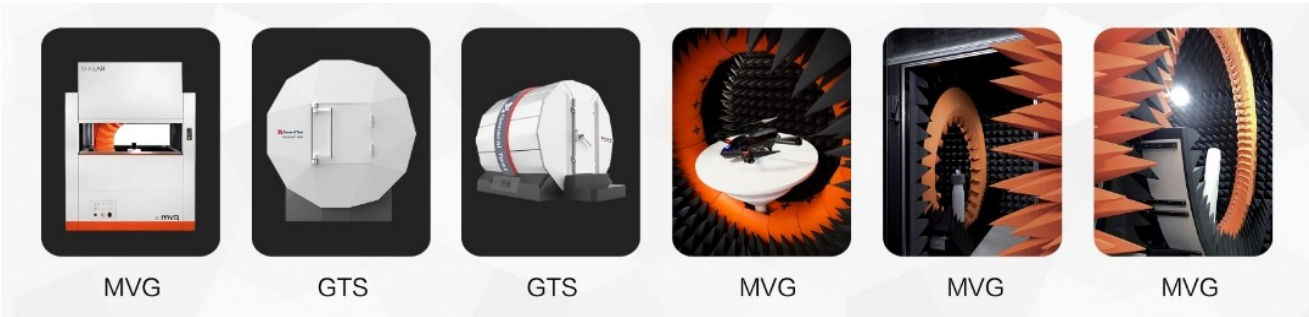


Phi=90.00deg



二：天线有源测试数据Antenna Active Test Data

		自由Free	
	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	5.6	-86.5
	CH 39	6.2	-88.5
	CH 78	5.3	-87.6



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

