



Antenna Part Specification

Project name:	CB020
Antenna material:	R-BT Antenna
Antenna type:	Monopole
Version:	V1.0
Date:	2025.03.10
Supplier:	Shenzhen Cicent Communication Technology Co., Ltd.
Supplier Address:	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
PN:	102BK3F2001



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Change record			
Compile / change date	Reason for change	Changed content	Version
2025.03.10	First edition	First edition	V1.0



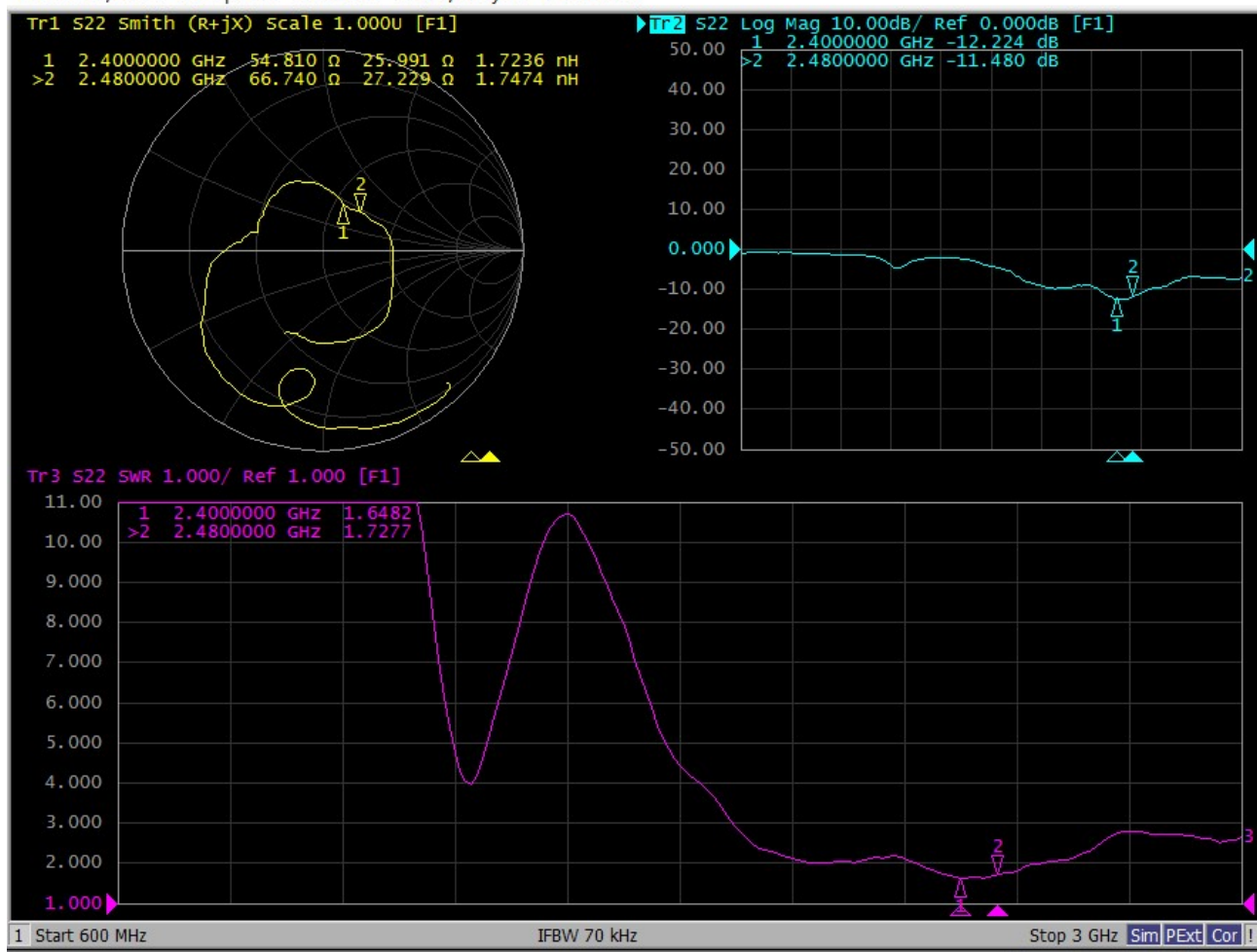
I: The report of passive data



Angilent E5071C

Right ear antenna S11 parameters

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

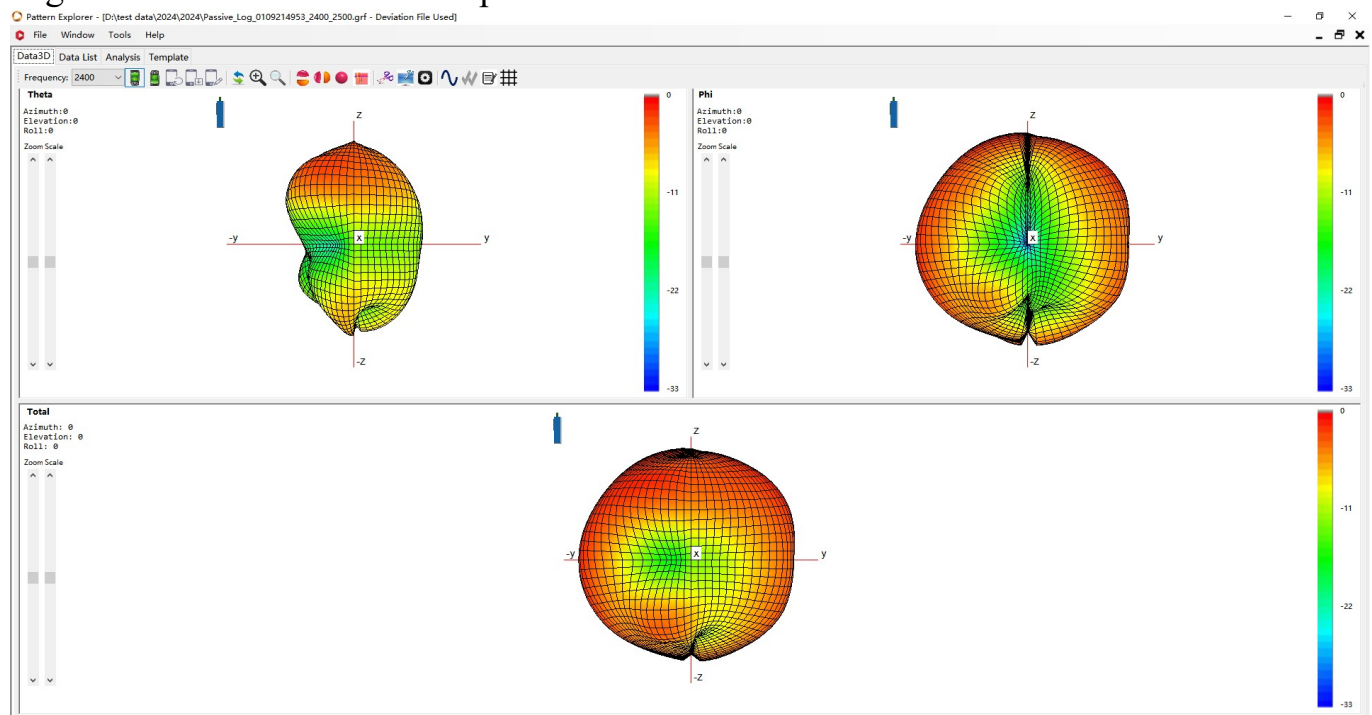




Efficiency:

R-2400-2480MHz			
Frequency (MHz)	Efficiency(%)	Efficiency (dB)	Gain (dBi)
2400	39.0%	-4.1	-0.3
2410	39.3%	-4.1	-0.1
2420	39.5%	-4.0	0.1
2430	38.5%	-4.1	0.0
2440	37.3%	-4.3	0.0
2450	38.2%	-4.2	0.2
2460	37.5%	-4.3	0.1
2470	40.1%	-4.0	0.4
2480	42.6%	-3.7	0.6
Average value	39.1%	-4.1	0.1

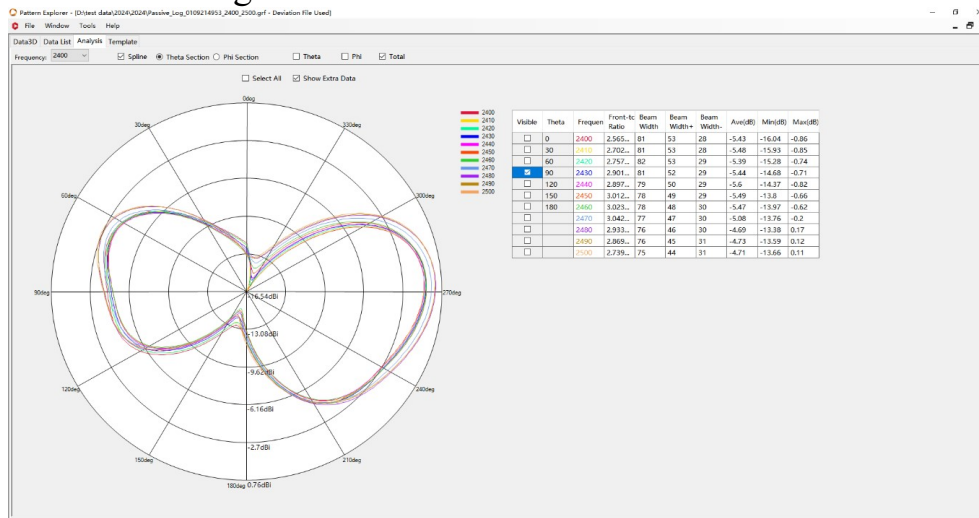
Right ear 3D antenna radiation pattern:



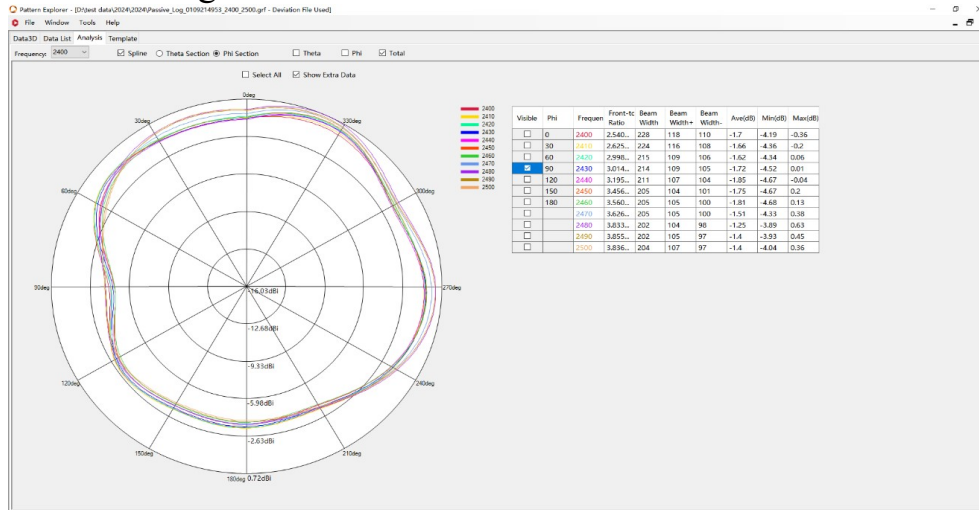


Right ear 2D antenna radiation pattern:

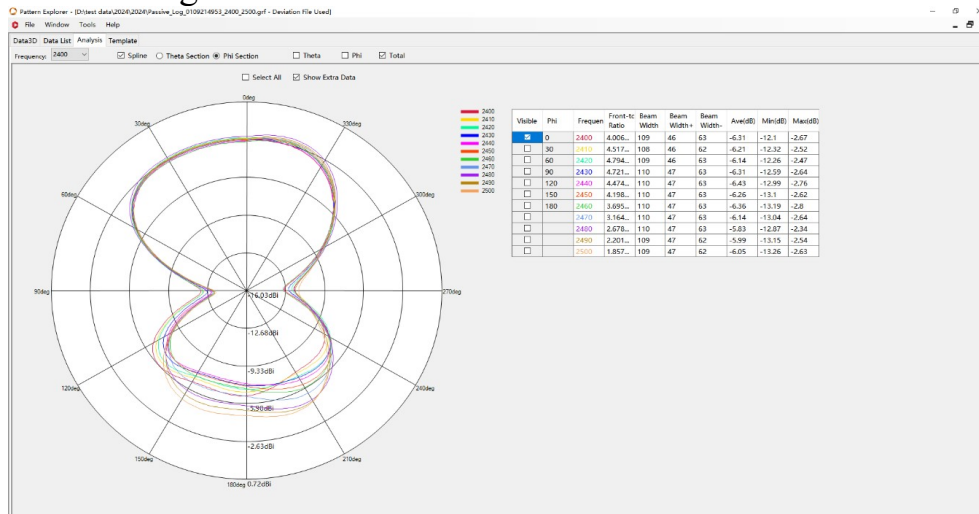
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg





II: 3D Active test report of antenna

BT-1#	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	4.8	-89.8
	CH 39	5.5	-90.2
	CH 78	5.2	-90.0

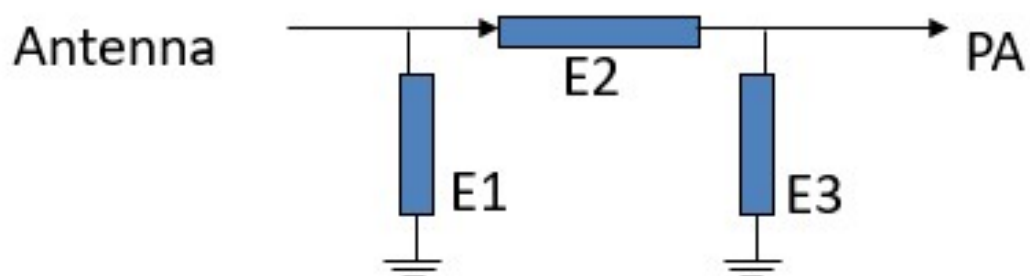


OTA Standard Chambe



III: Matching circuit

Right ear matching circuit:



图示编号	匹配值
E1	NA
E2	0Ω
E3	NA



IV: Structure file

