



Antenna Part Specification

Project name:	CE-2265N
Antenna name:	R-BT antenna
Version:	V1.0
Date:	2026.7.16
Manufacturer:	Shenzhen Cicent Communication Technology Co., Ltd.
Manufacturer address:	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china



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Change record			
Compile / change date	Reason for change	Changed content	Version
2026.7.16	First edition	First edition	V1.0

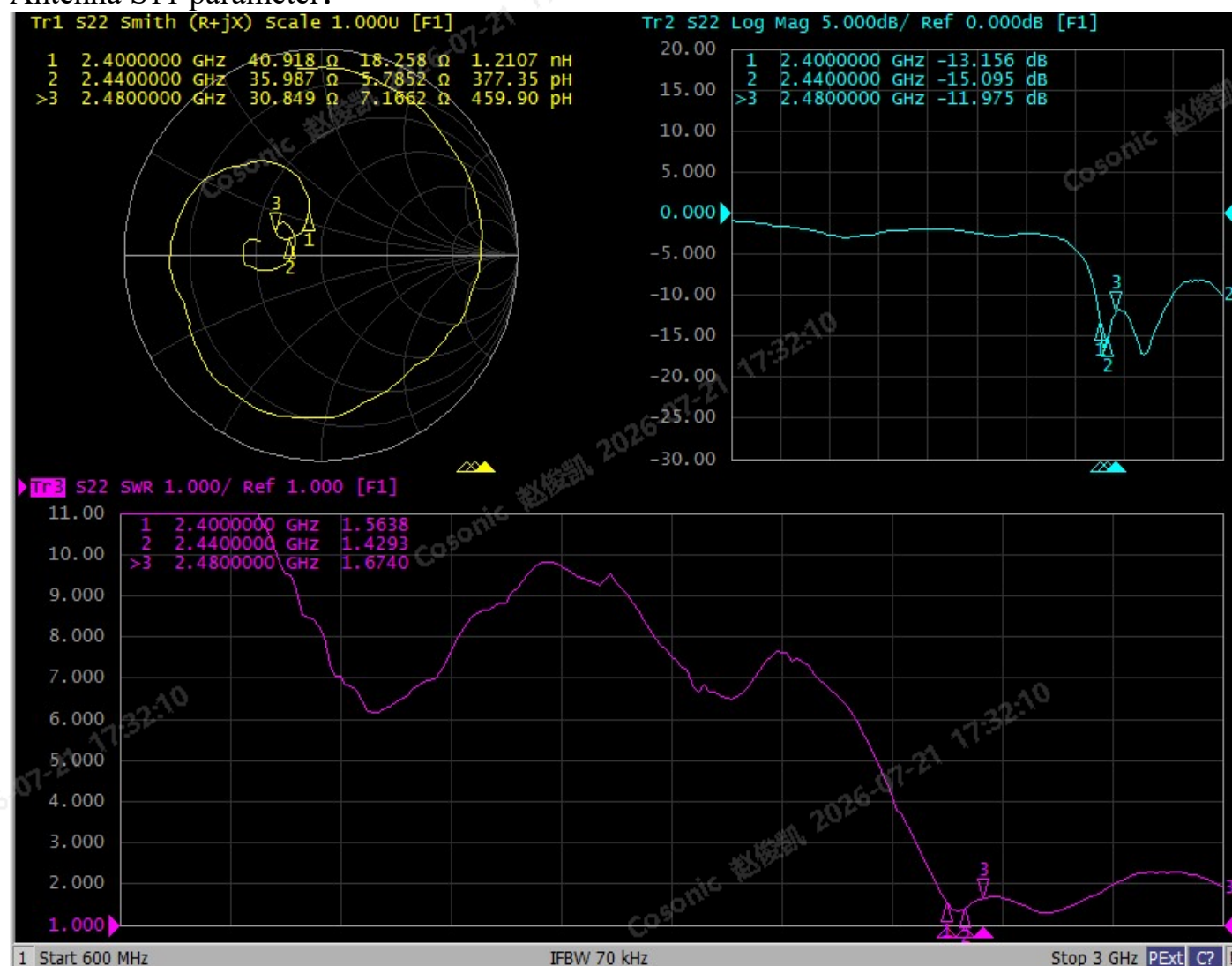


I: The report of passive data



Agilent E5071C

Antenna S11 parameter:

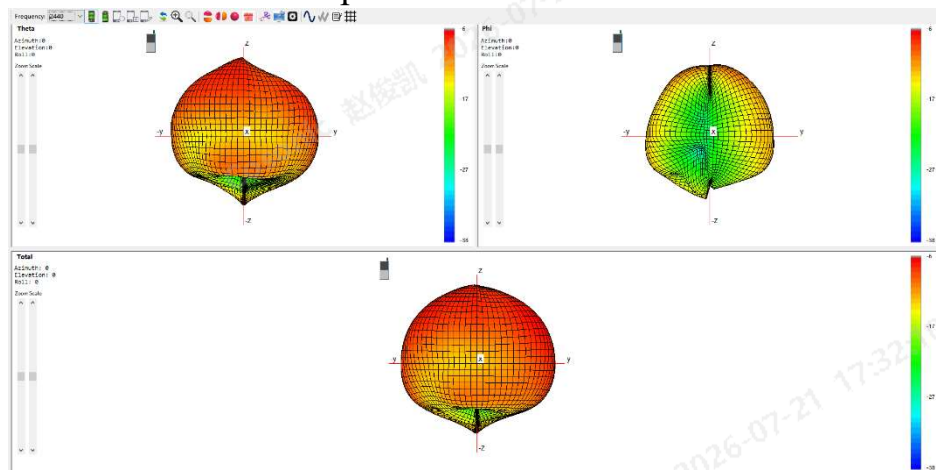




Antenna efficiency and gain:

R			
Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-9.0	-6.0	12.7
2410	-8.9	-6.1	12.9
2420	-8.8	-6.0	13.2
2430	-8.6	-5.7	13.7
2440	-8.4	-5.4	14.3
2450	-8.2	-5.0	15.1
2460	-7.8	-4.5	16.5
2470	-7.5	-4.0	17.9
2480	-7.0	-3.5	19.8
average	-8.3	-5.1	15.1

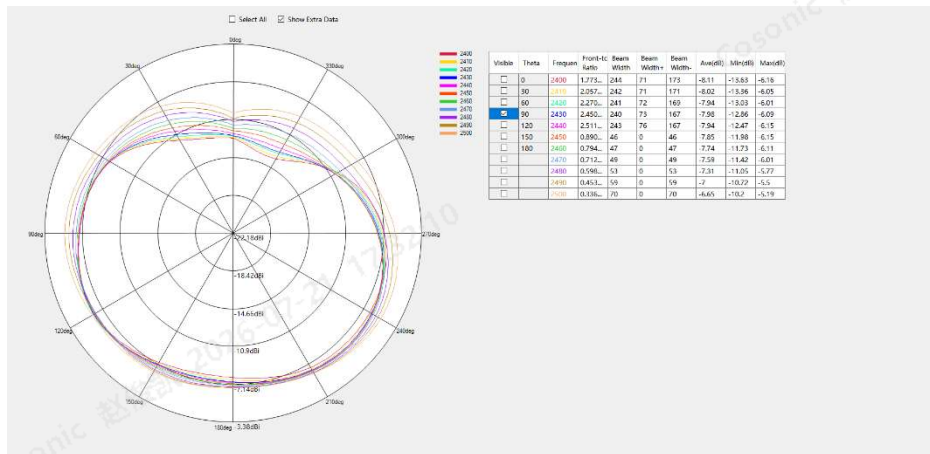
3D Antenna radiation pattern:



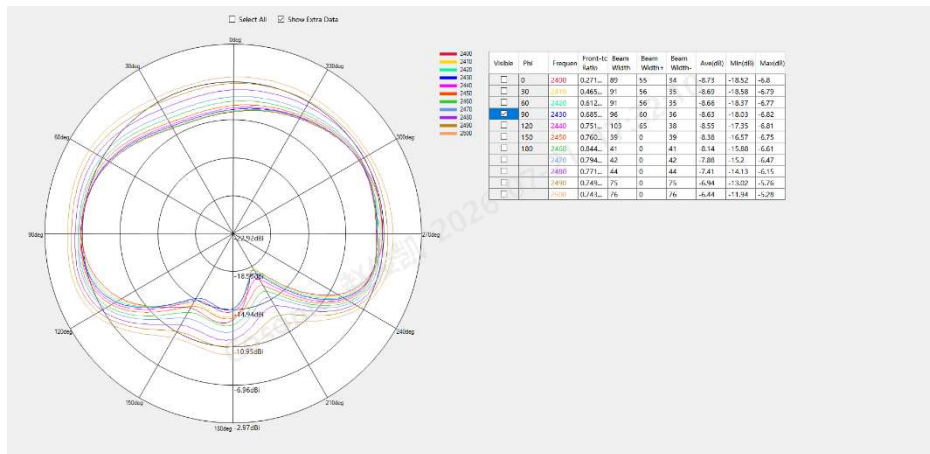


2D Antenna radiation pattern:

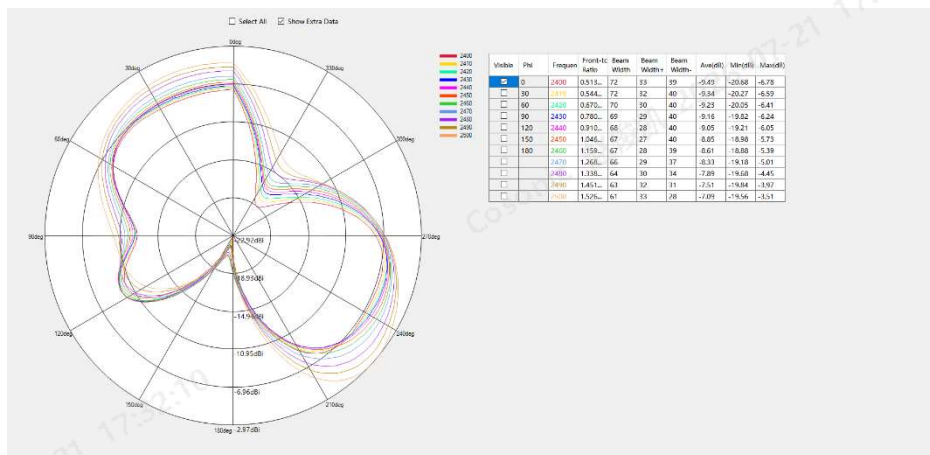
Theta = 90°



Phi=90°



Phi=0°





II: 3D Active test report of antenna

		free		head model	
	Channel	TRP (dBm)	TIS (dBm)	TRP (dBm)	TIS (dBm)
R	CH 0	4.2	-88.3	1.9	-86.0
	CH 39	5.1	-88.8	3.0	-86.1
	CH 78	6.1	-90.6	3.1	-86.7
	AVG	5.1	-89.2	2.7	-86.2



OTA Standard Chamber