



Antenna Part Specification

Project name:	CE-2265N
Antenna name:	L-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

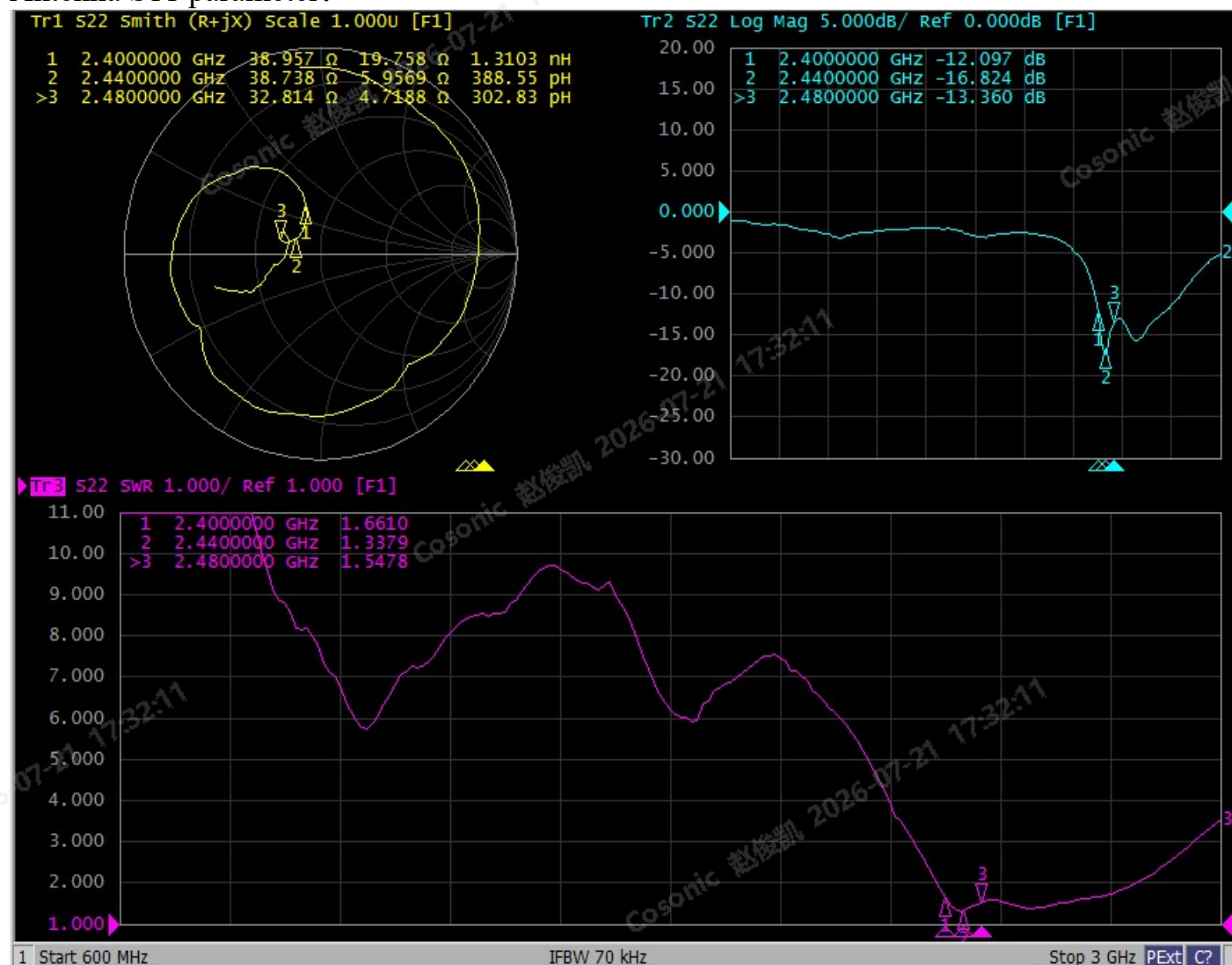


I: The report of passive data



Agilent E5071C

Antenna S11 parameter:

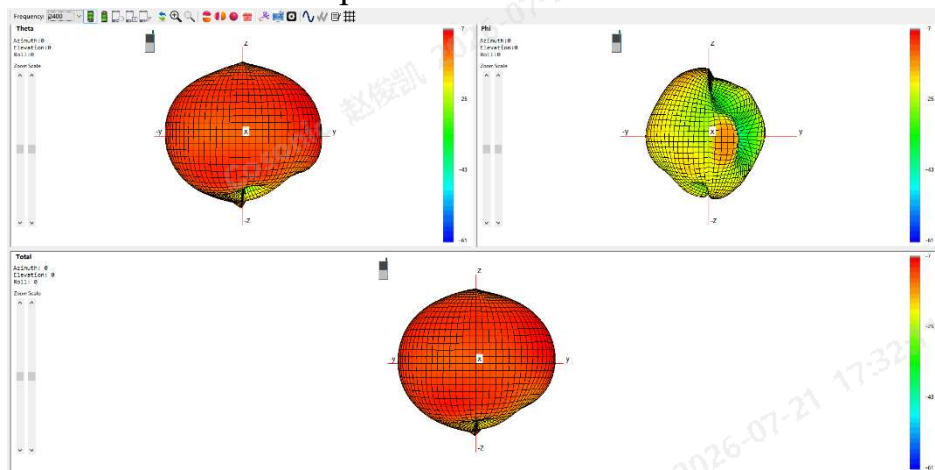




Antenna efficiency and gain:

L			
Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-10.0	-7.1	9.9
2410	-9.9	-7.0	10.3
2420	-9.7	-6.8	10.8
2430	-9.3	-6.6	11.7
2440	-9.0	-6.4	12.7
2450	-8.7	-5.8	13.6
2460	-8.3	-5.3	14.7
2470	-8.1	-4.8	15.6
2480	-7.8	-4.4	16.6
average	-9.0	-6.0	12.9

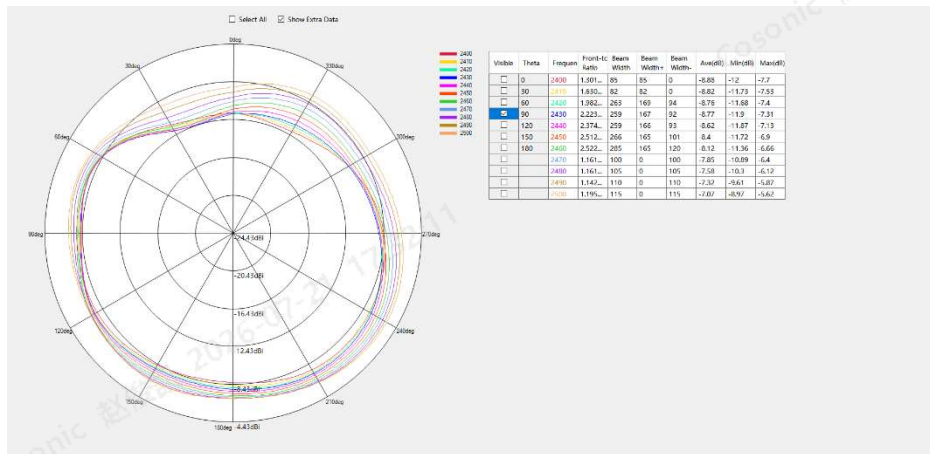
3D Antenna radiation pattern:



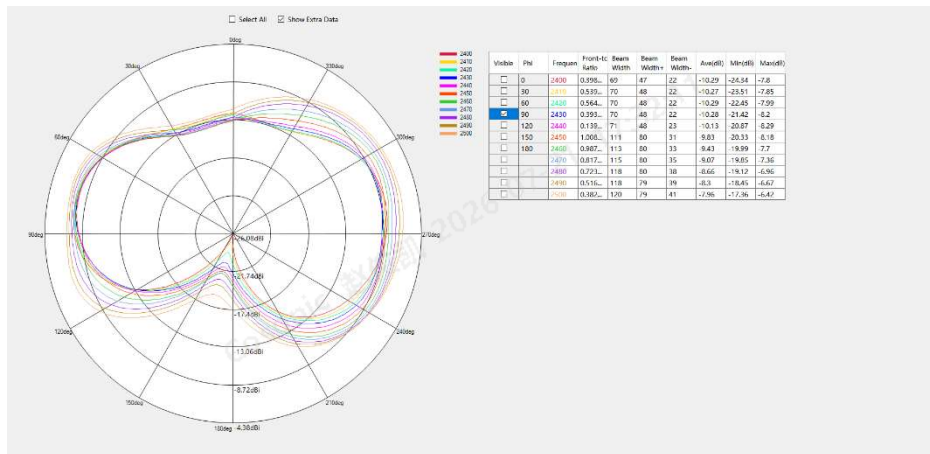


2D Antenna radiation pattern:

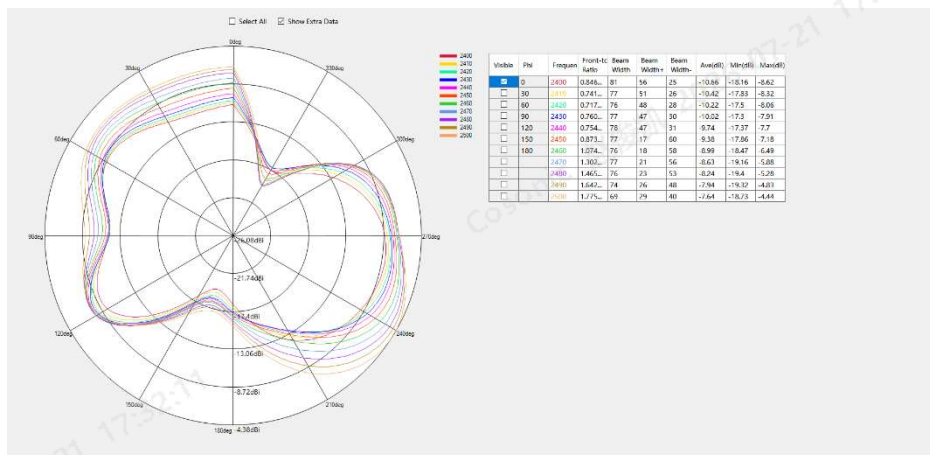
Theta = 90°



Phi=90°



Phi=0°





II: 3D Active test report of antenna

		free		head model	
	Channel	TRP (dBm)	TIS (dBm)	TRP (dBm)	TIS (dBm)
L	CH 0	3.6	-87.6	1.2	-84.4
	CH 39	3.9	-88.1	1.6	-84.8
	CH 78	4.4	-88.8	1.0	-84.1
	AVG	4.0	-88.2	1.3	-84.4



OTA Standard Chamber