



Antenna Part Specification

Project name:	D1303
Antenna name:	charging case BT antenna
Antenna type:	On-board antenna
Version:	V1.0
Date:	2026.8.20
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
2026.8.20	First edition	First edition	V1.0

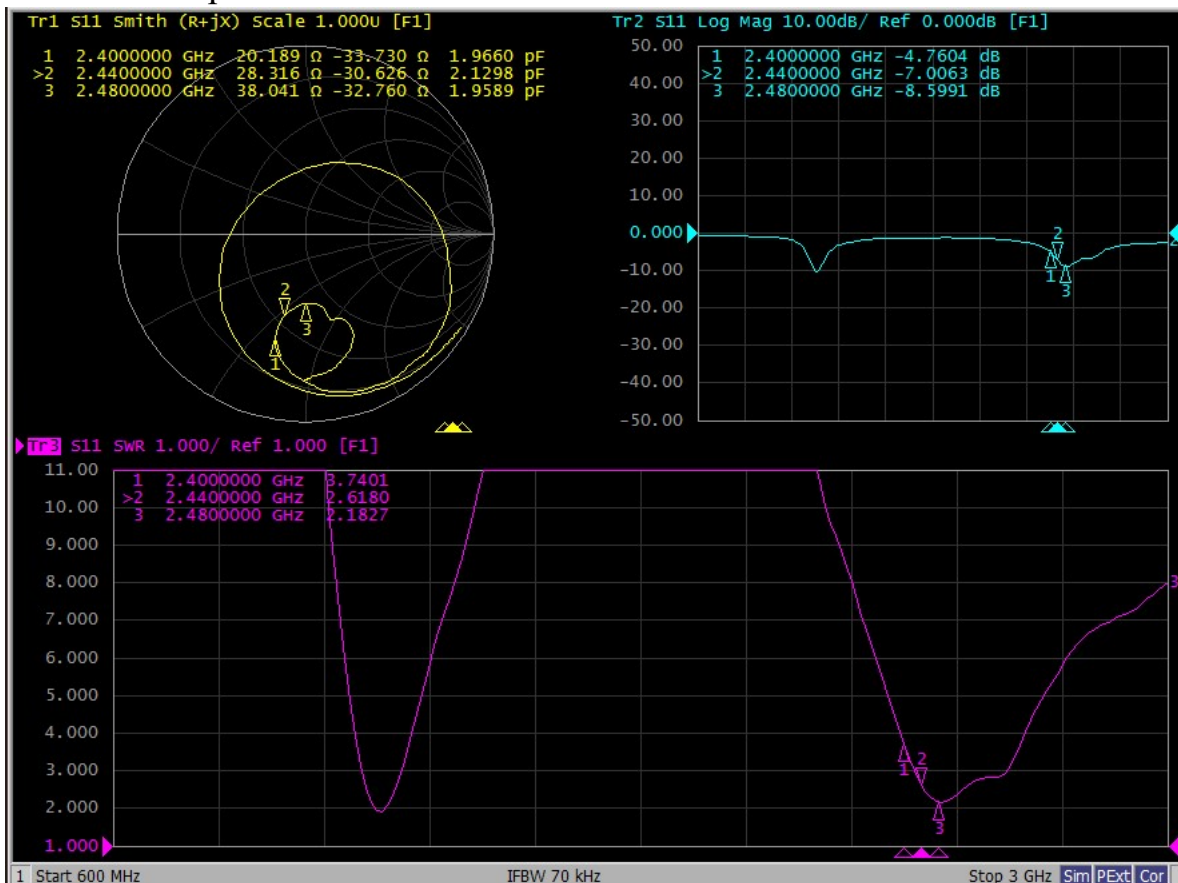


I: The report of passive data



Angilent E5071C

Antenna S11 parameter:

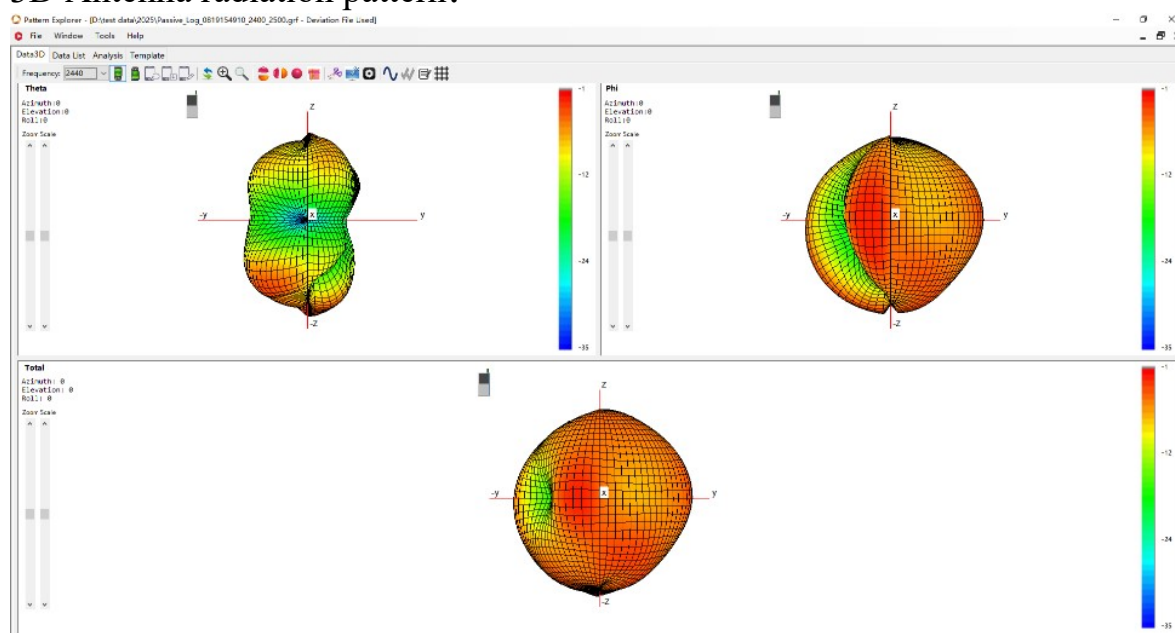




Antenna efficiency and gain:

Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-5.6	-1.7	27.9
2410	-5.4		28.8
2420	-5.2		30.2
2430	-5.1		31.0
2440	-5.1		31.2
2450	-5.0		31.4
2460	-5.0		31.6
2470	-5.1		30.8
2480	-5.2		30.1
average	-5.2	-1.7	30.3

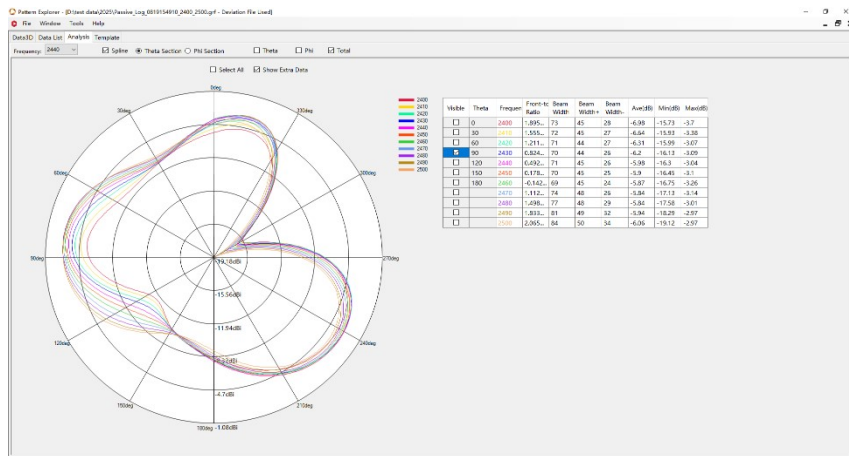
3D Antenna radiation pattern:



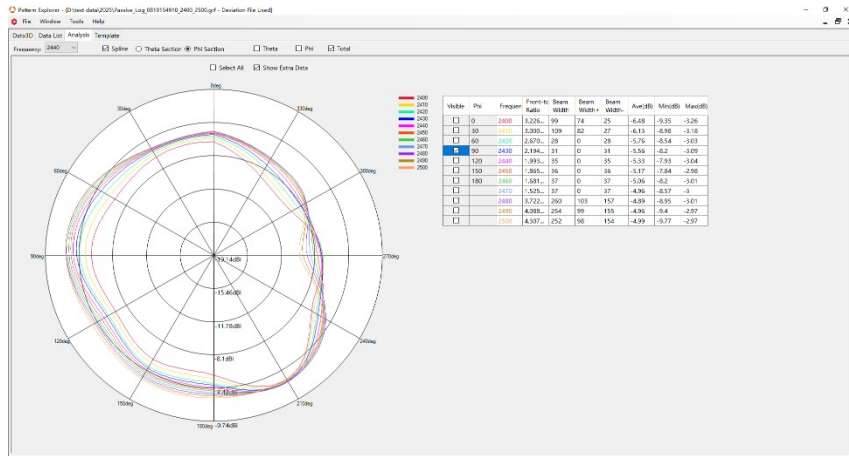


2D Antenna radiation pattern:

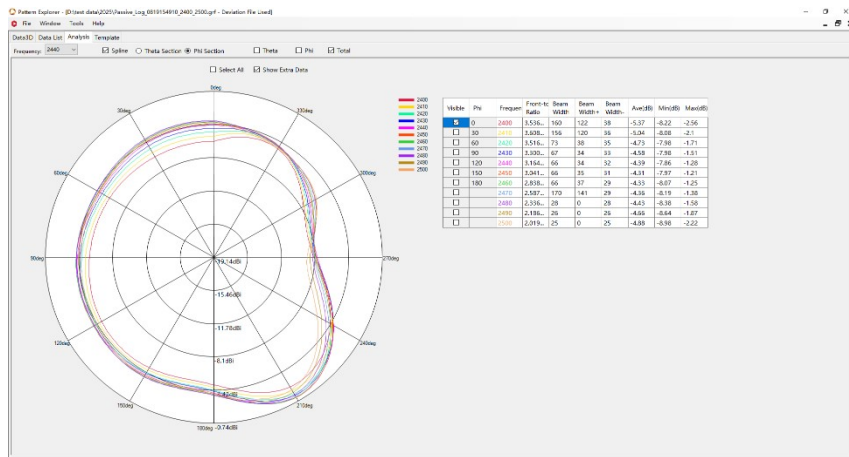
Theta = 90°



Phi=90°



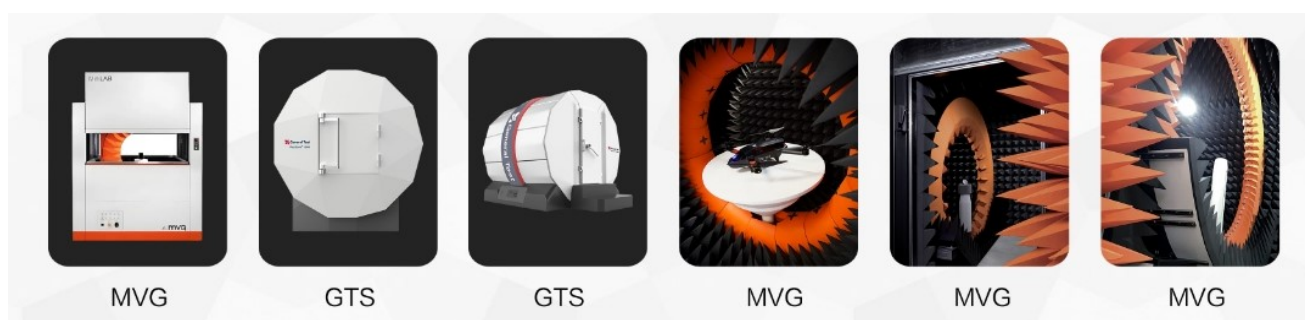
Phi=0°





II: Active test data

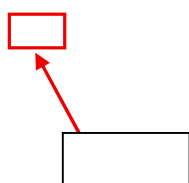
	Channel	TRP	TIS
BT	0	8.4	-91.2
	39	9.2	-92.0
	78	9.4	-91.9



OTA Standard Chamber



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IV: Antenna size drawing

