



Antenna Part Specification

Project name:	Q850
Antenna name:	BT antenna
Customer Part Number:	JXY-018253-0
Version:	V2.0
Date:	2026.4.8
Manufacturer:	Shenzhen Cicent Communication Technology Co., Ltd.
Manufacturer address:	505-506 ,A Block,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china



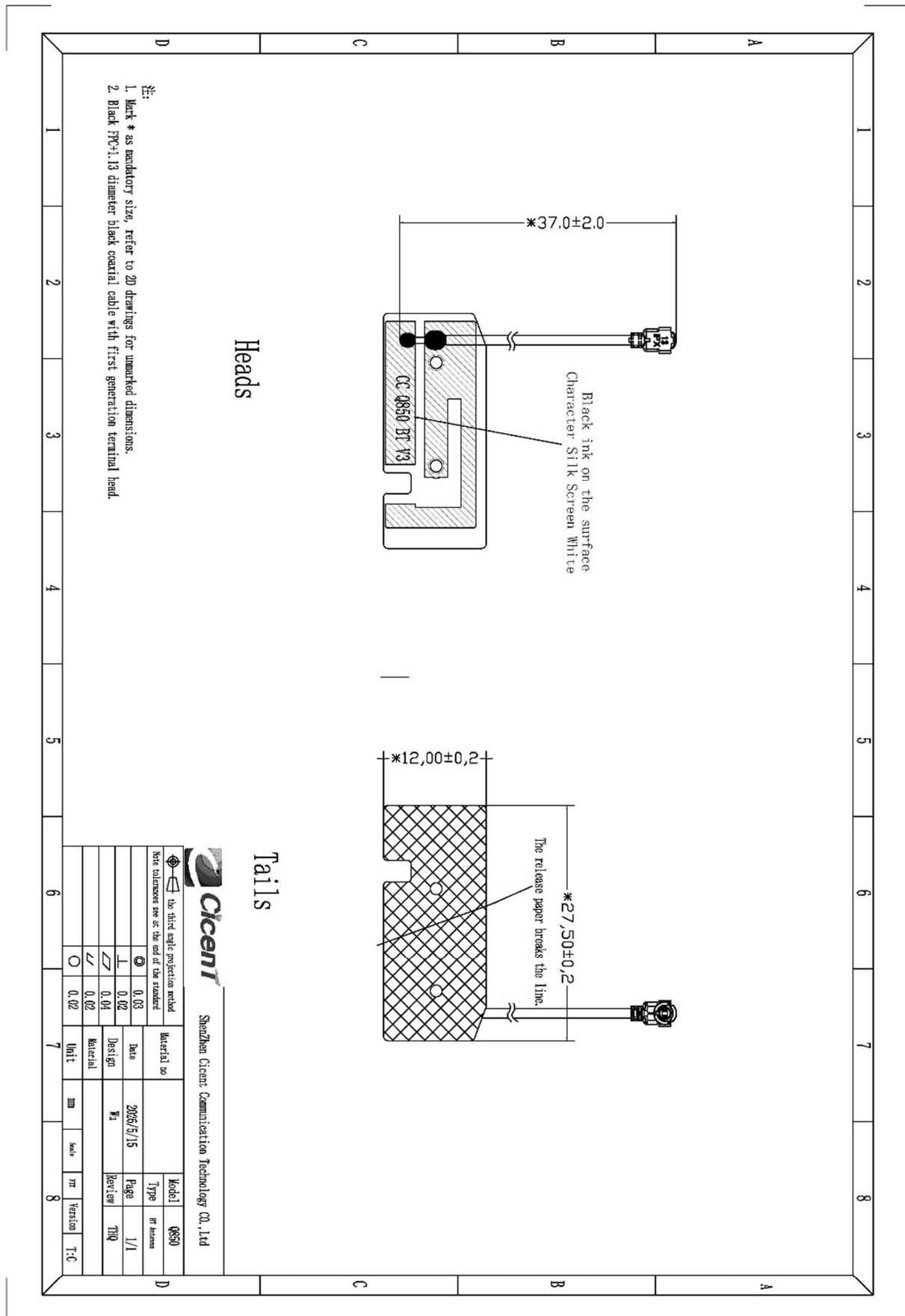
Contents

I: Antenna structure diagram file.....	3
II: The report of passive data.....	4
III: 3D Active test report of antenna	7

Change record			
Compile / change date	Reason for change	Changed content	Version
2026.01.16	First edition	First edition	V1.0
2026.04.08	update information	update information	V2.0



I: Antenna structure diagram file





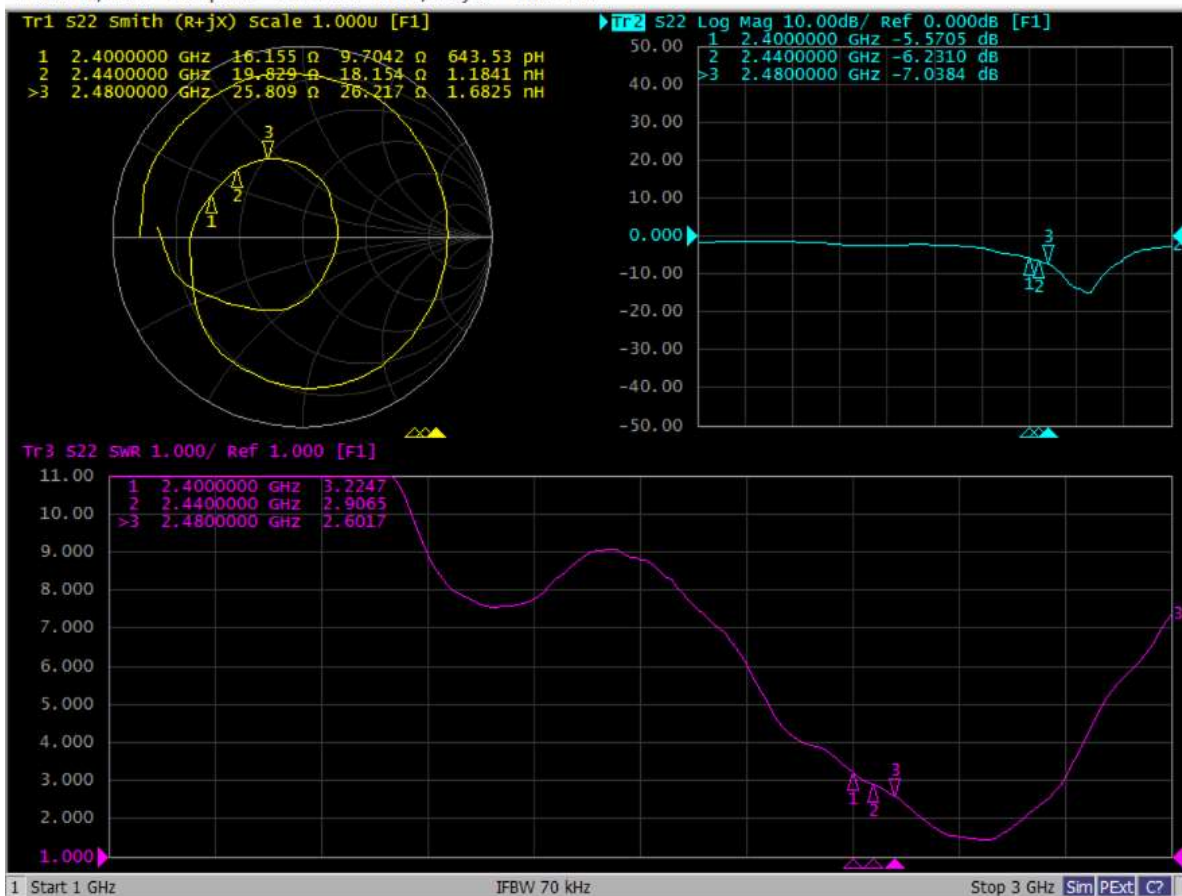
II: The report of passive data



Angilent E5071C

Antenna S11 parameter: (Free)

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

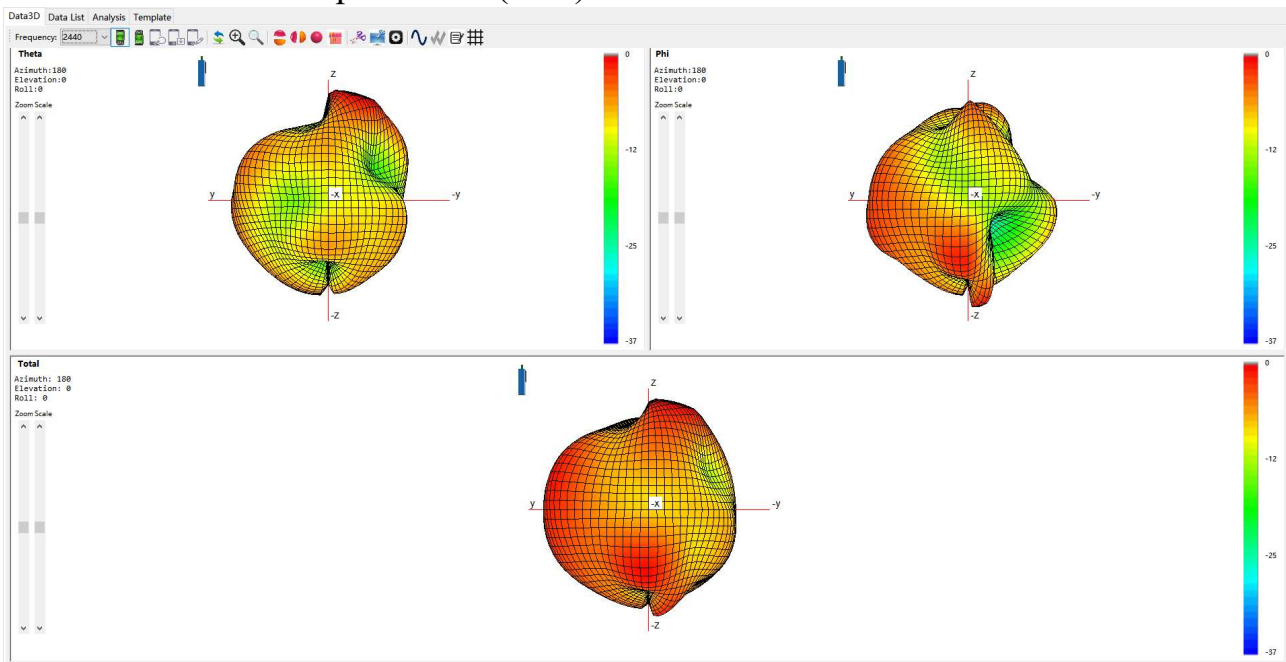




Antenna efficiency and gain: (Free)

2400-2480MHz			
Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-5.0	-0.8	31.93
2410	-4.7	-0.6	33.57
2420	-4.6	-0.4	34.36
2430	-4.6	-0.2	34.72
2440	-4.7	-0.2	33.77
2450	-4.9	-0.3	32.09
2460	-5.2	-0.5	30.01
2470	-5.4	-0.5	29.13
2480	-5.3	-0.4	29.30
average	-4.9	-0.4	32.10

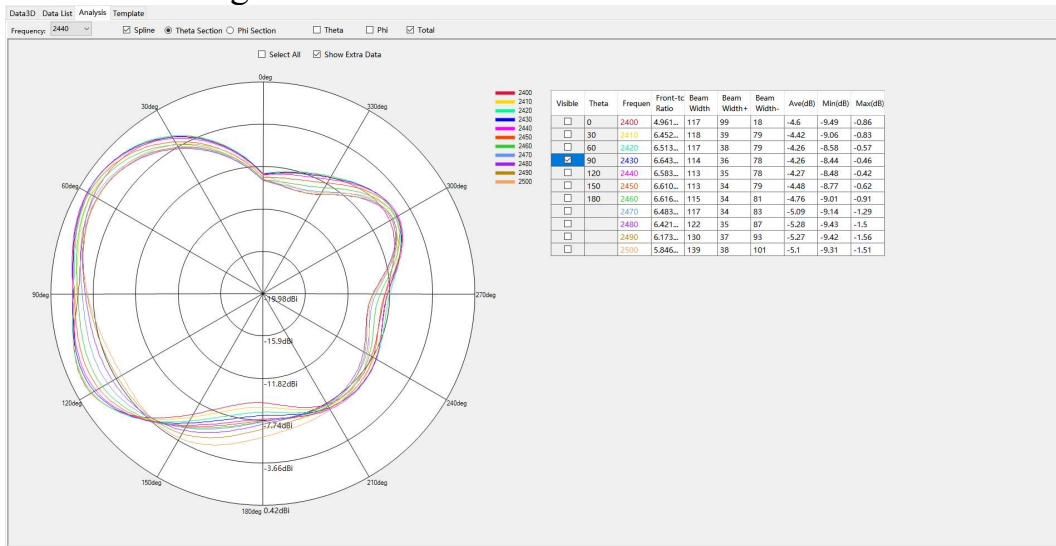
3D Antenna radiation pattern: (Free)



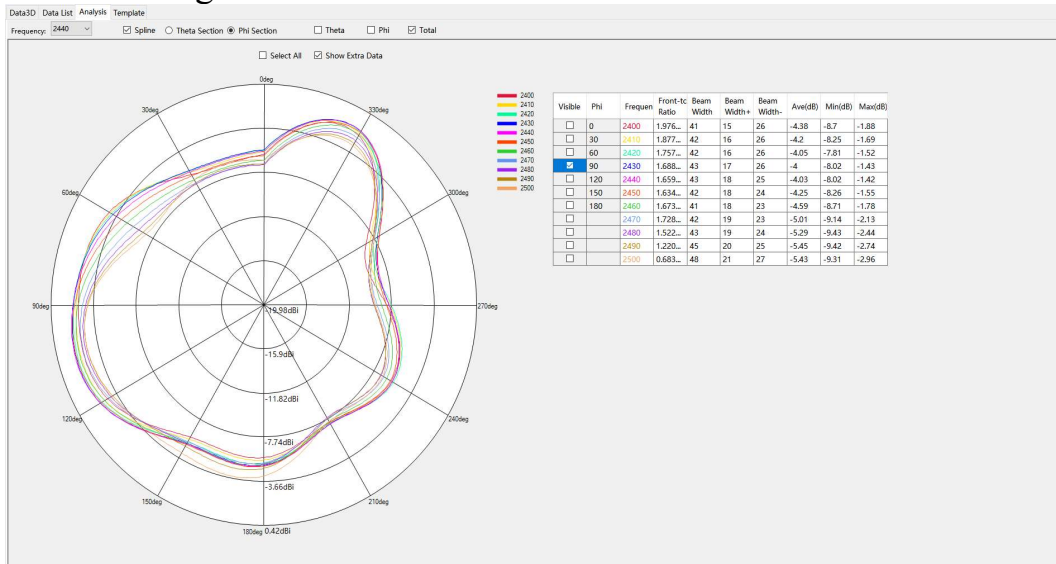


2D Antenna radiation pattern: (Free)

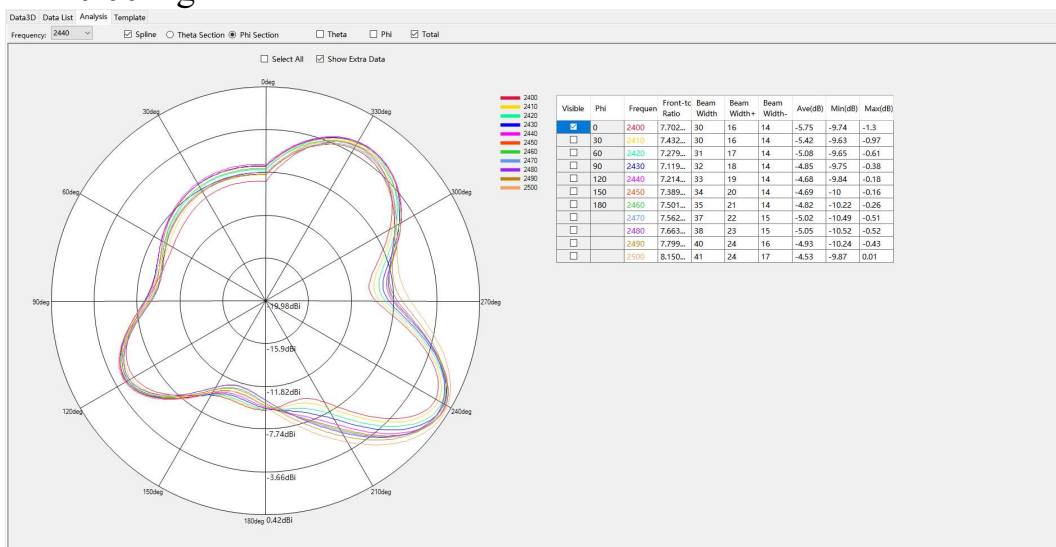
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg

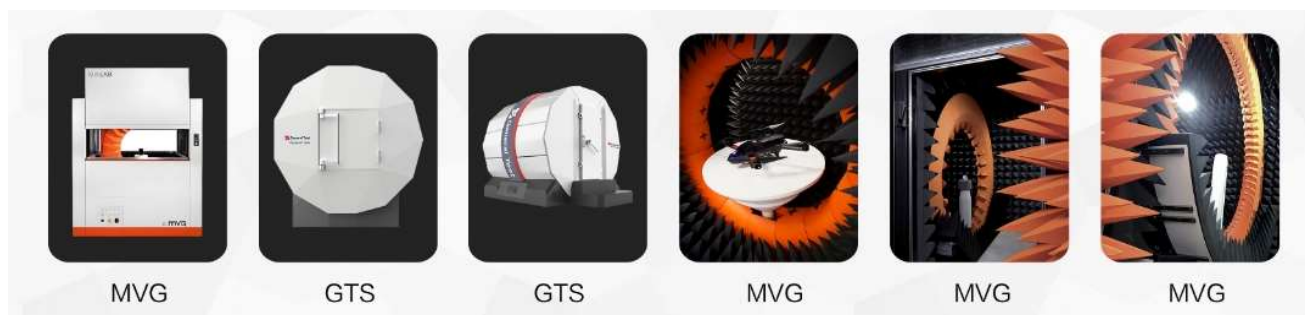




III: 3D Active test report of antenna

		Free	
	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	6.4	-92.0
	CH 39	6.2	-92.4
	CH 78	5.9	-92.4

		head model	
	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	6.3	-92.1
	CH 39	6.2	-92.0
	CH 78	5.6	-91.7



OTA Standard Chamber