



Antenna Part Specification

Project name:	PB743G
Material category:	BT antenna
Version:	V1.0
Date:	2023.03.07

Corporate name: Shenzhen Cicent Communication Technology Co., Ltd.

Add:505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan

Factory ADD:The 8 Floor,Building NO.3,Jia an S&T P,67# Zone,Xin' an Subdistrict,Baoan District,Shenzhen, Guangdong,P.R china



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Change record			
Compile / change date	Reason for change	Changed content	Version
2023.03.07	First edition	First edition	V1.0

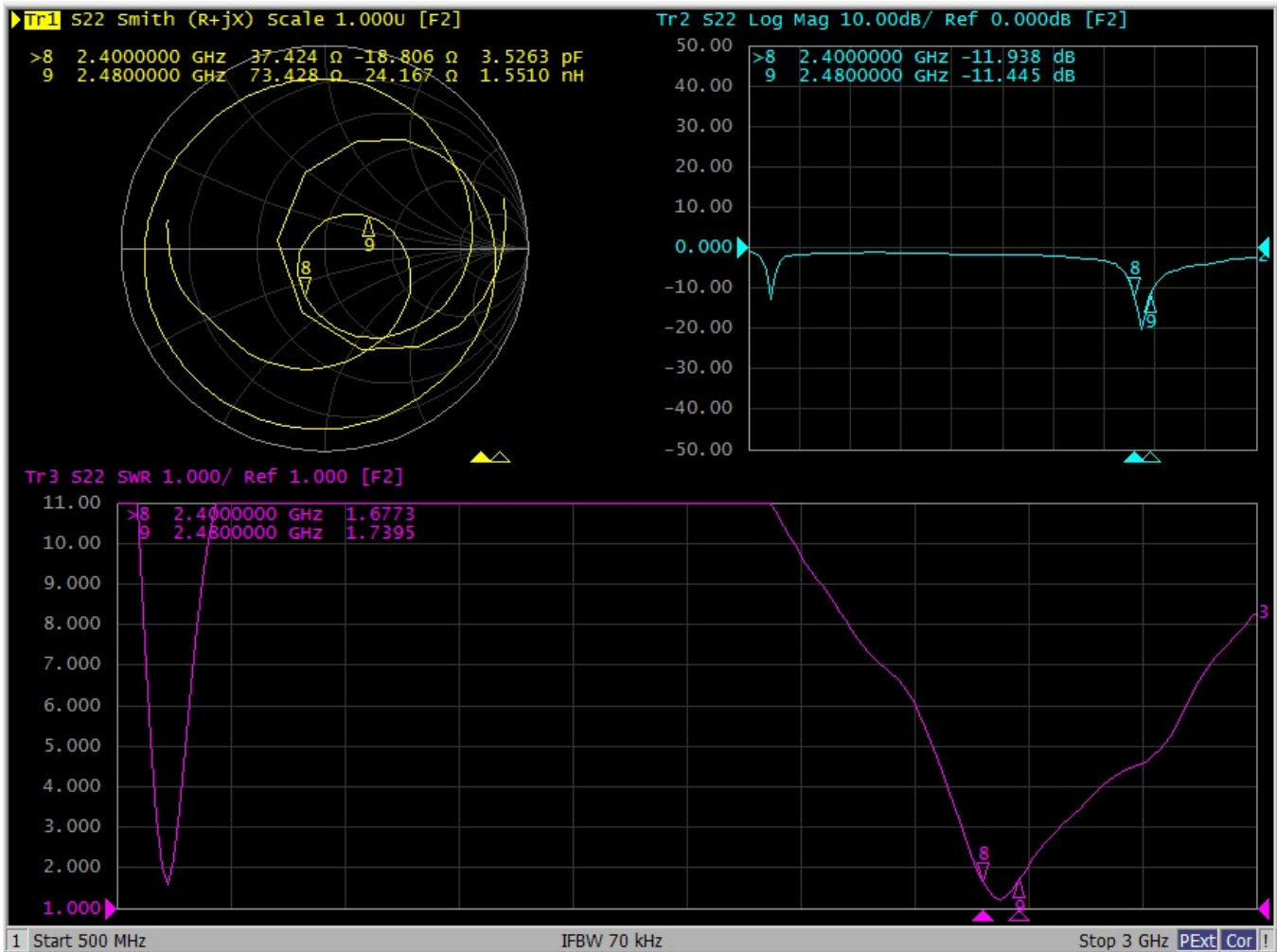


I: The report of passive data



Angilent E5071C

VSWR(S11) parameter:

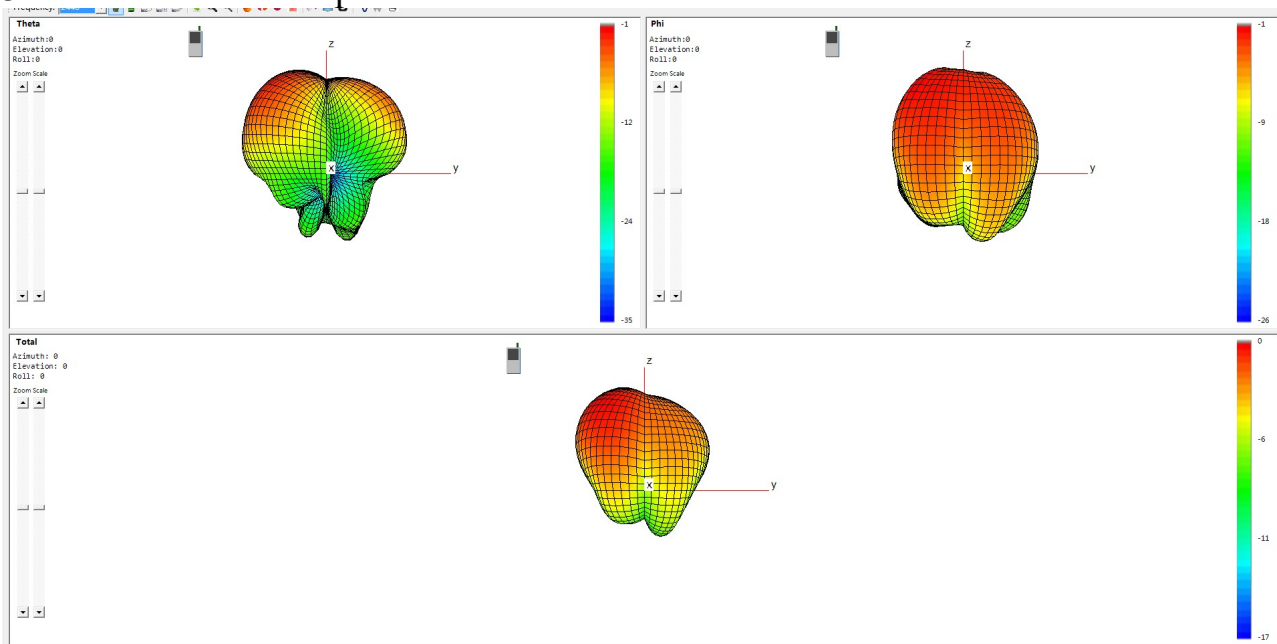




Efficiency:

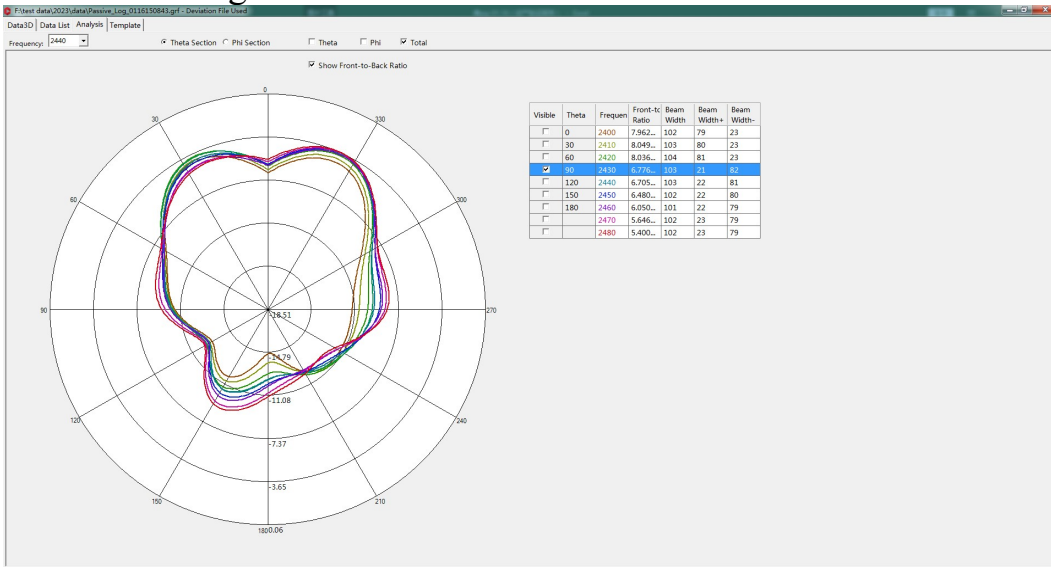
2400-2480 MHz			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	20.4	-6.9	-0.8
2410	22.0	-6.6	-0.5
2420	23.7	-6.3	-0.2
2430	23.9	-6.2	-0.2
2440	23.8	-6.2	-0.2
2450	24.4	-6.1	-0.1
2460	23.4	-6.3	-0.3
2470	24.1	-6.2	-0.2
2480	24.1	-6.2	-0.2
Average value	23.3	-6.3	-0.3

3D Antenna radiation pattern:

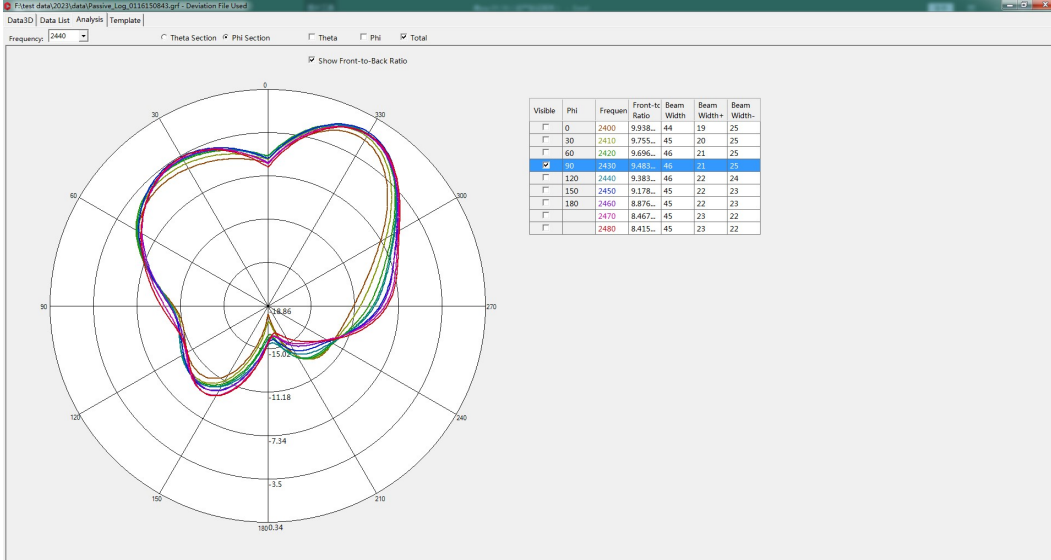




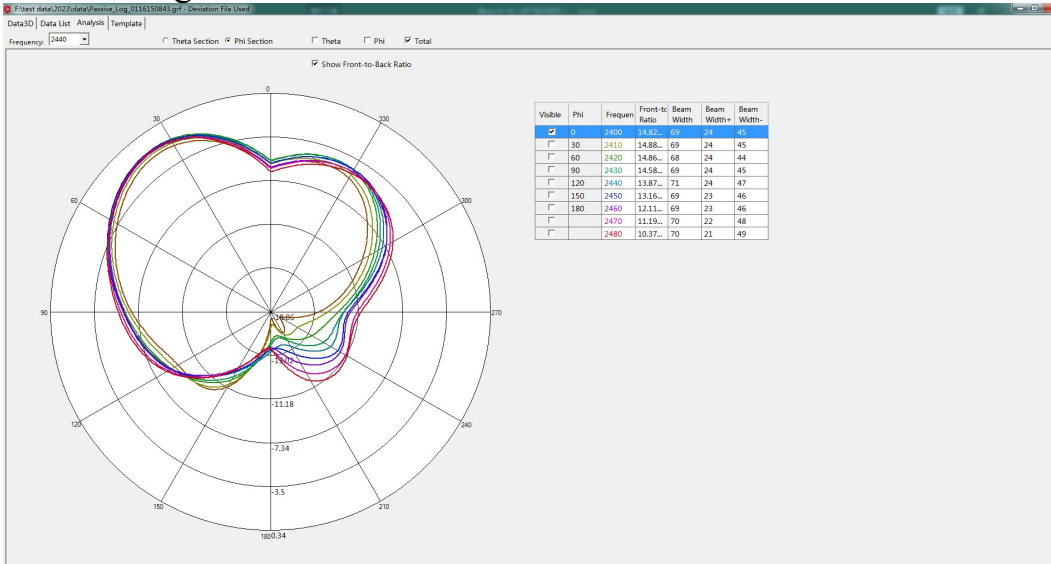
Antenna radiation pattern: Theta=90.00deg



Phi=90.00deg

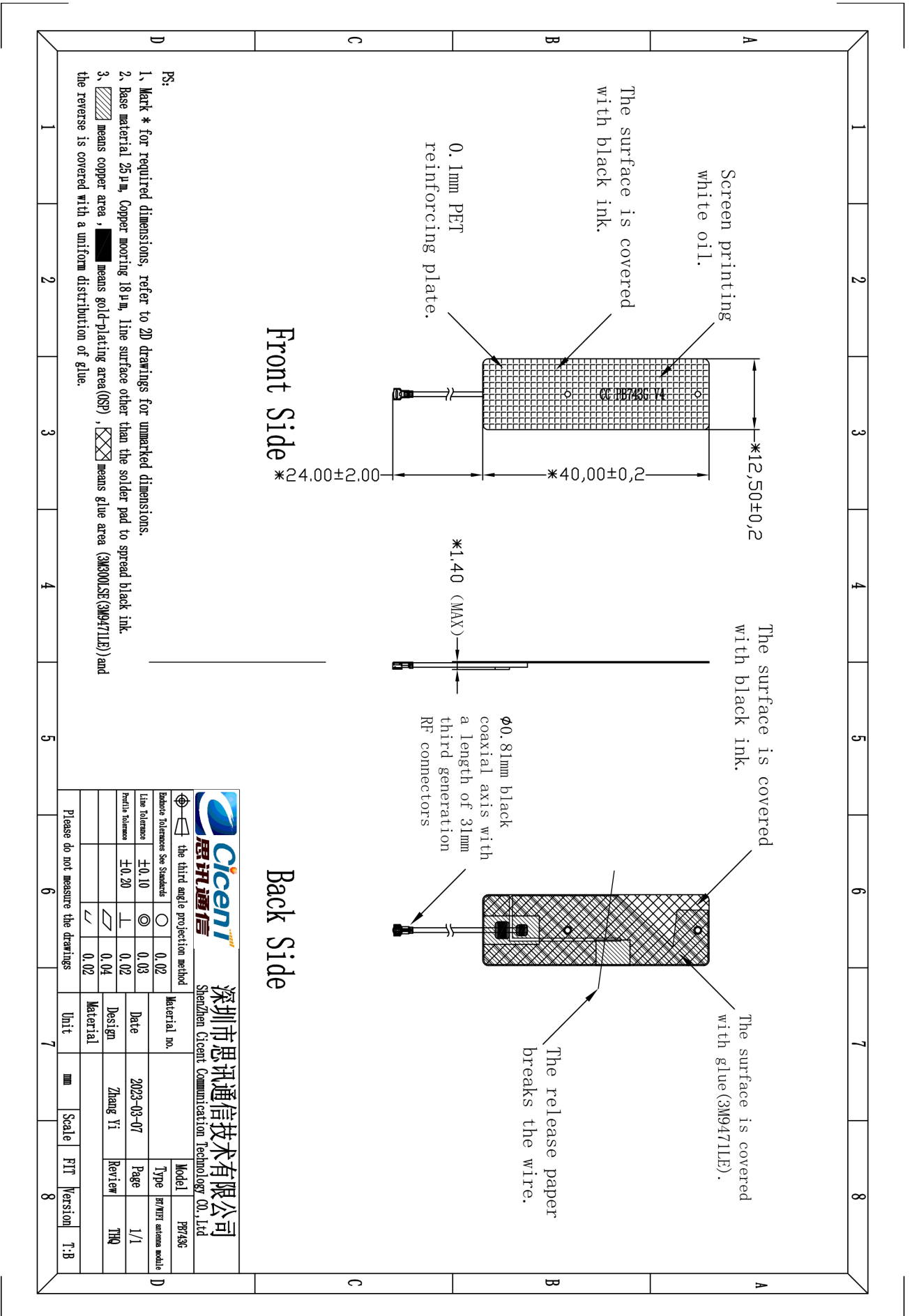


Phi=0.00deg





II: Structure file



- PS:
- 1, Mark * for required dimensions, refer to 2D drawings for unmarked dimensions.
 - 2, Base material 25 μ m, Copper mooring 18 μ m, line surface other than the solder pad to spread black ink
 - 3, means copper area, means gold-plating area (OSP), means glue area (3M9471LE) and the reverse is covered with a uniform distribution of glue.

深圳市思讯通信技术有限公司 Shenzhen Cicent Communication Technology Co., Ltd		the third angle projection method	
Material No.	Model	Material	Model
	PT743C		PT743C
Material Ino.	Type	Date	Page
	BT/WIFI antenna module	2023-03-07	1/1
Line Tolerance	±0.10	Design	Zhang Yi
Profile Tolerance	±0.20	Review	THQ
	0.02	Unit	mm
	0.02	Scale	1:1
	0.04	FTT	Version
	0.02		T-B
Please do not measure the drawings			