



Antenna Part Specification

Project name:	BE-1141
Material category:	FPC
Version:	V1.0
Date:	2024.04.15
Supplier Address:	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Supplier:	Shenzhen Cicent Communication Technology Co., Ltd.
Contact information:	Arkin/13632320627



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Change record			
Compile / change date	Reason for change	Changed content	Version
2024.04.15	First edition	First edition	V1.0

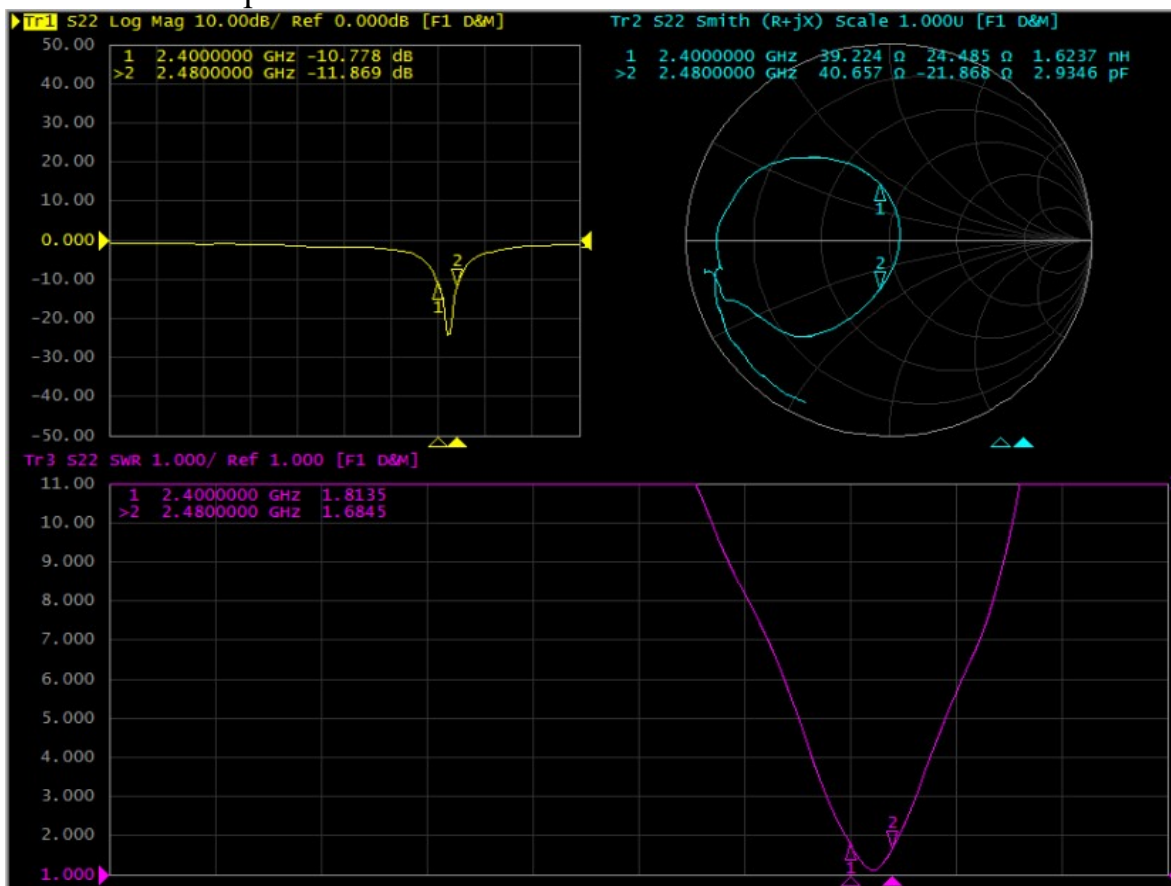


I: The report of passive data



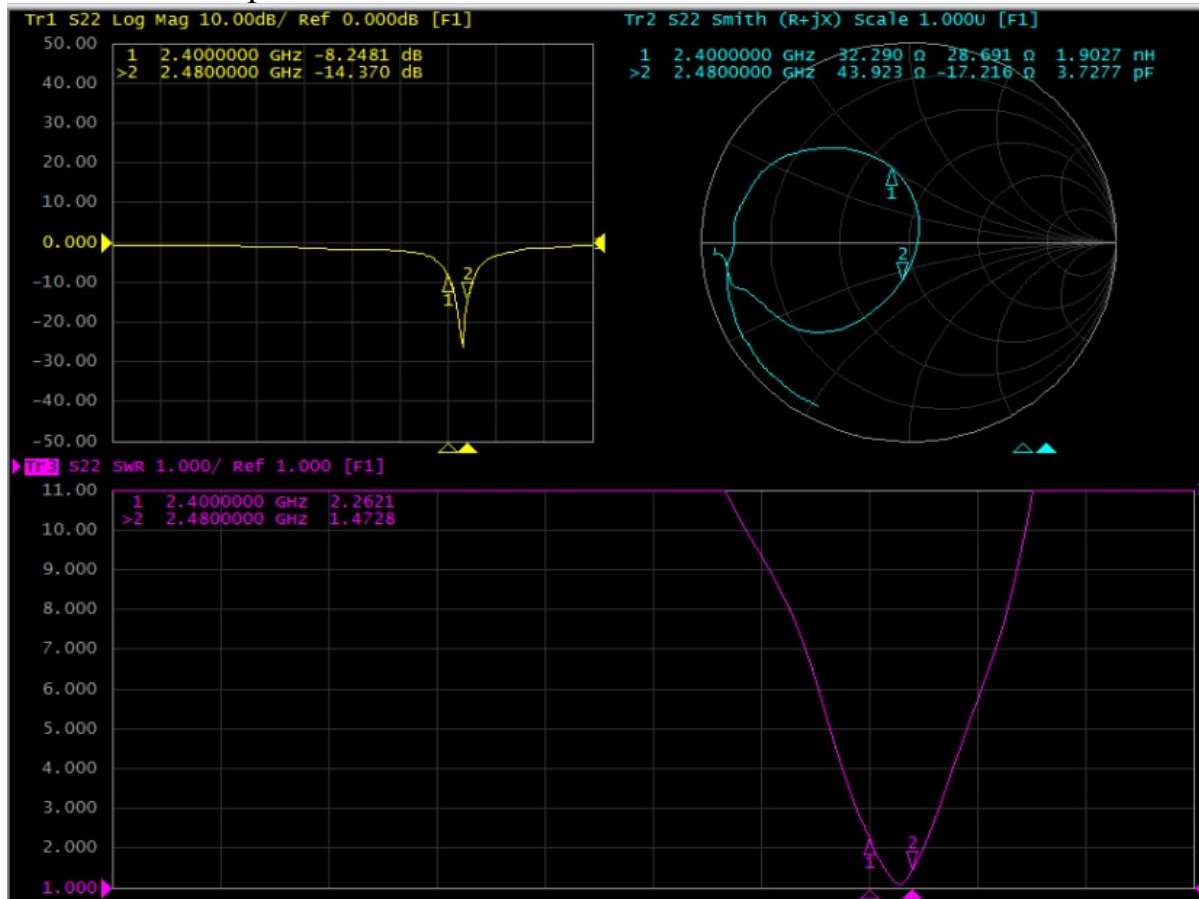
Angilent E5071C

L-Antenna S11 parameters





R-Antenna S11 parameters





Efficiency:

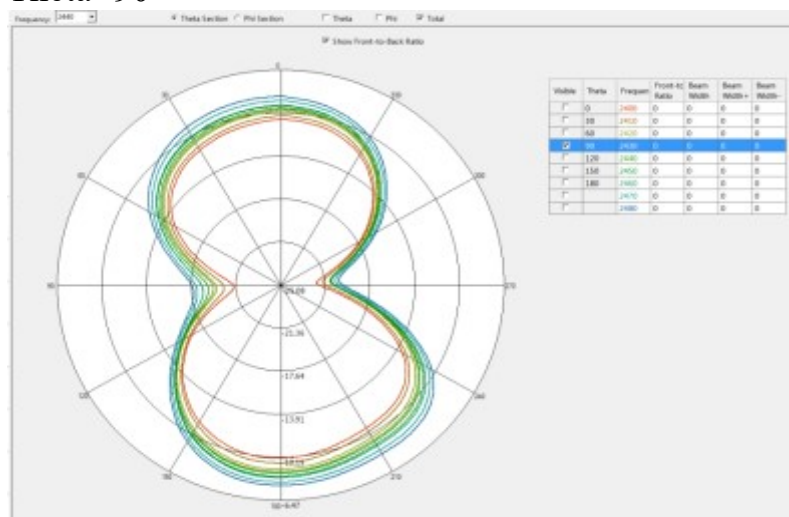
L			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency(%)
2400	-7.2	-10.2	9.6
2410	-7.0	-10.1	9.8
2420	-6.7	-9.7	10.7
2430	-6.5	-9.5	11.3
2440	-6.6	-9.7	10.8
2450	-6.8	-9.8	10.5
2460	-7.0	-10.0	10.0
2470	-7.3	-10.3	9.4
2480	-7.6	-10.5	8.9
Average value	-7.0	-10.0	10.1

R			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency(%)
2400	-6.9	-9.7	10.7
2410	-6.8	-9.7	10.7
2420	-6.9	-9.8	10.6
2430	-6.8	-9.6	10.9
2440	-7.0	-9.8	10.6
2450	-6.9	-9.6	11.0
2460	-6.9	-9.4	11.4
2470	-7.4	-9.8	10.4
2480	-7.7	-10.1	9.7
Average value	-7.0	-9.7	10.7

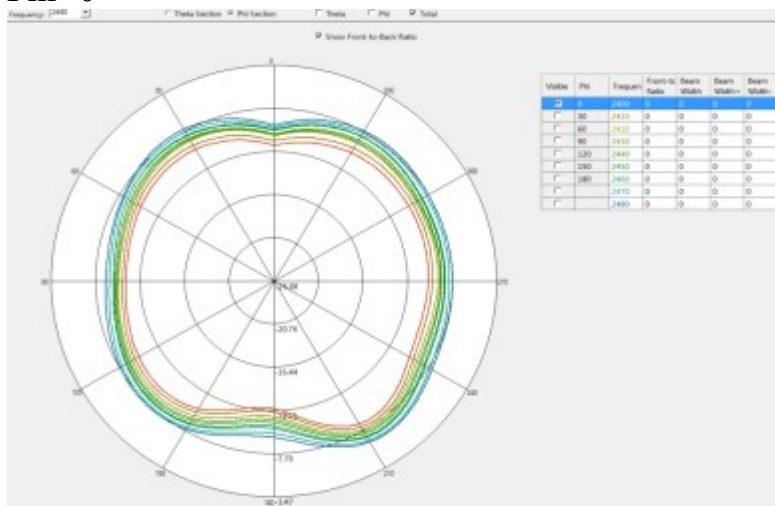


Antenna radiation pattern(L):

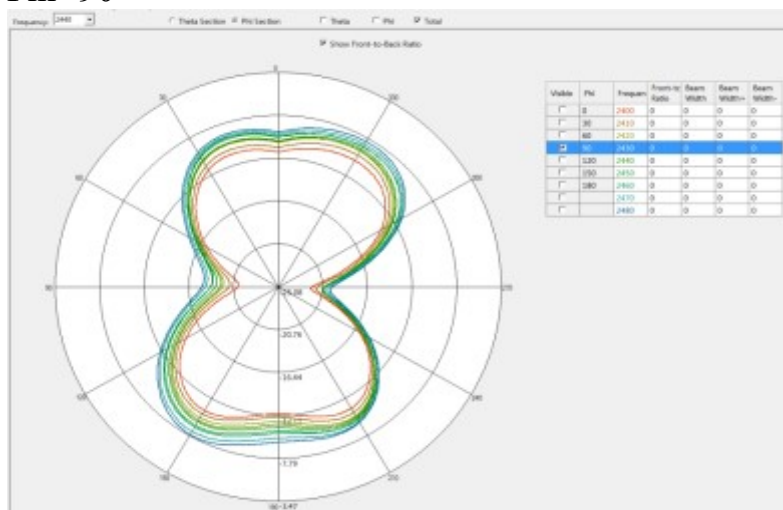
Theta=90°



Phi=0°



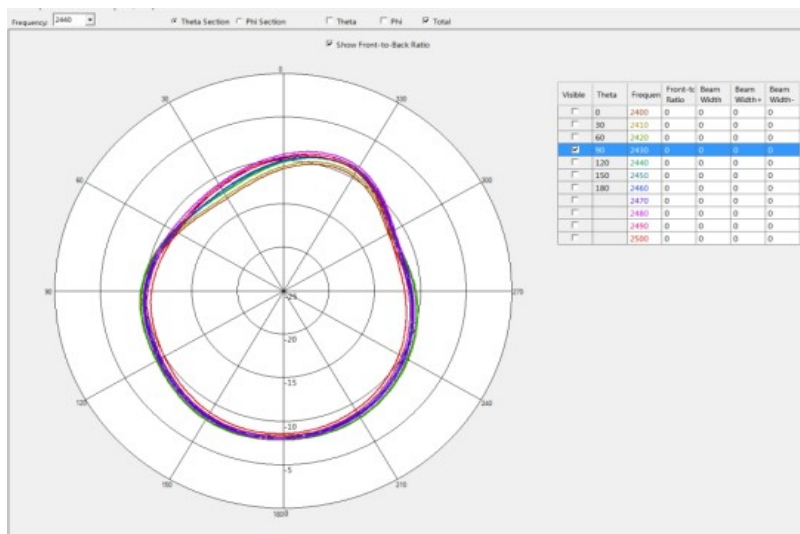
Phi=90°



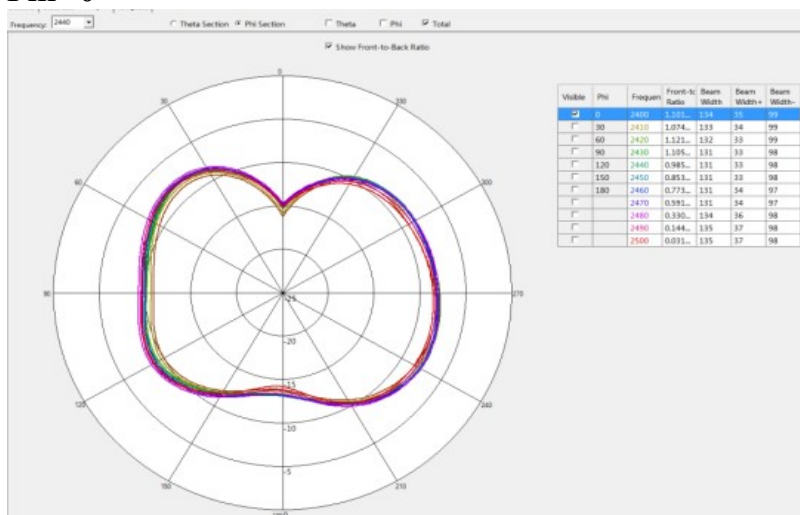


Antenna radiation pattern(R):

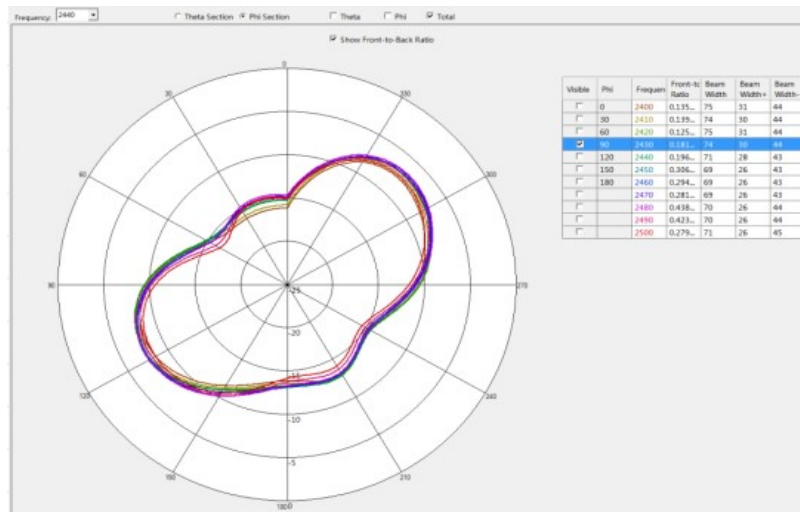
Theta=90°



Phi=0°

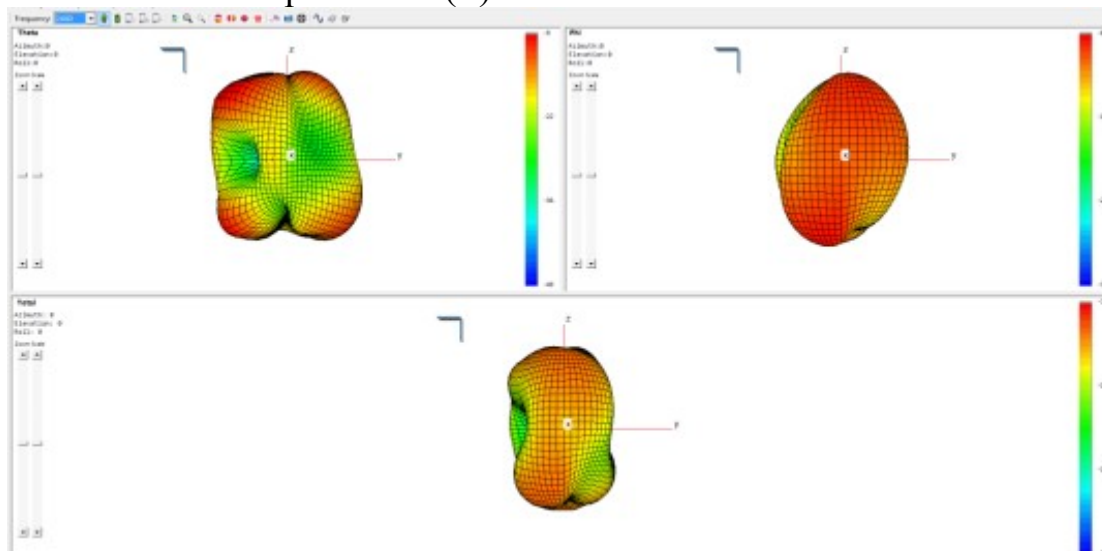


Phi=90°

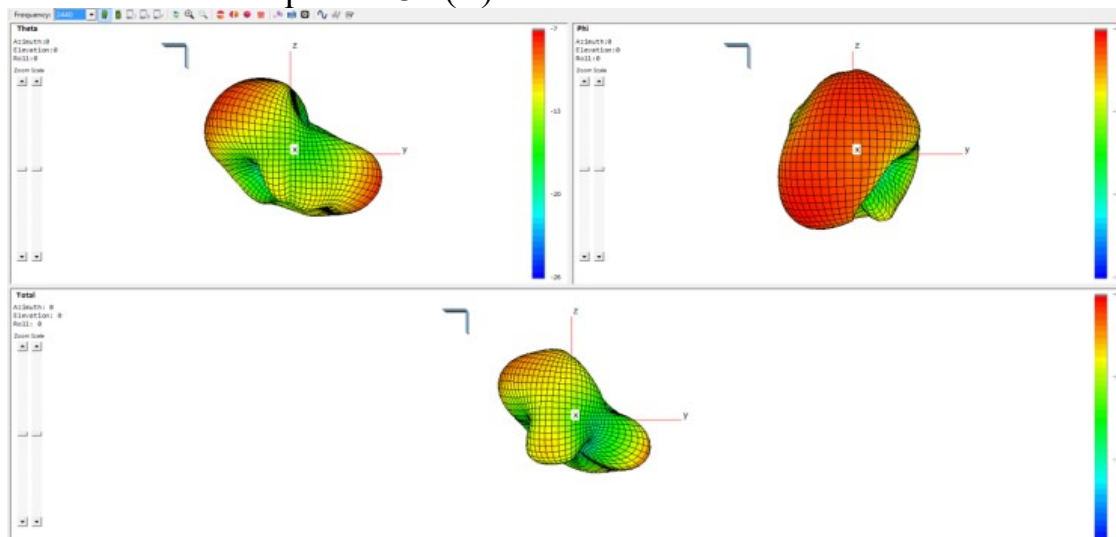




Antenna radiation pattern 3D(L):



Antenna radiation pattern 3D(R):





II: Structure file

