



Antenna Part Specification

Project name:	L05
Antenna type:	FPC
version:	V1.0
Date:	2024.05.06
Supplier Address:	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Supplier:	Shenzhen Cicent Communication Technology Co., Ltd.



Change record			
Compile / change date	Reason for change	Changed content	Version
2024.05.06	First edition	First edition	V1.0

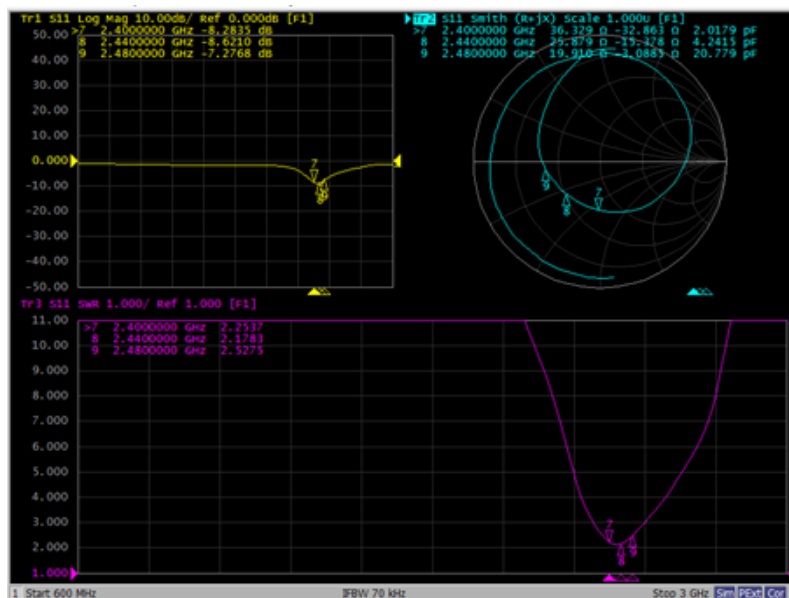


I: The report of passive data



Angilent E5071C

S11 parameter:





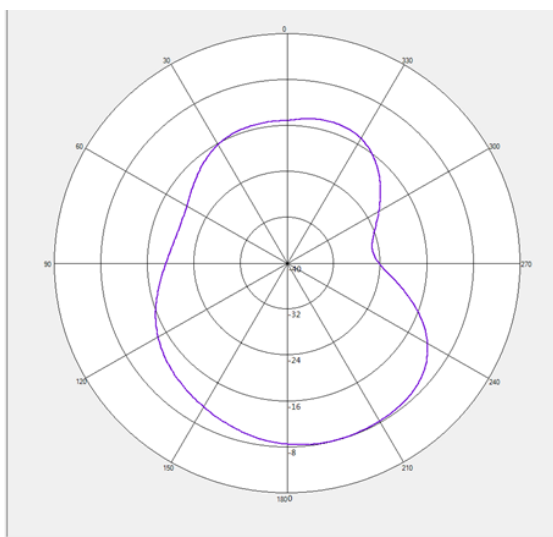
Efficiency:

free space			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	-6.64	-10.77	8.37
2410	-6.08	-10.36	9.21
2420	-5.62	-10.02	9.95
2430	-5.32	-9.91	10.20
2440	-5.16	-9.92	10.18
2450	-4.92	-9.77	10.54
2460	-4.91	-9.87	10.29
2470	-4.58	-9.65	10.84
2480	-4.56	-9.63	10.88
Average value	-5.31	-9.99	10.05

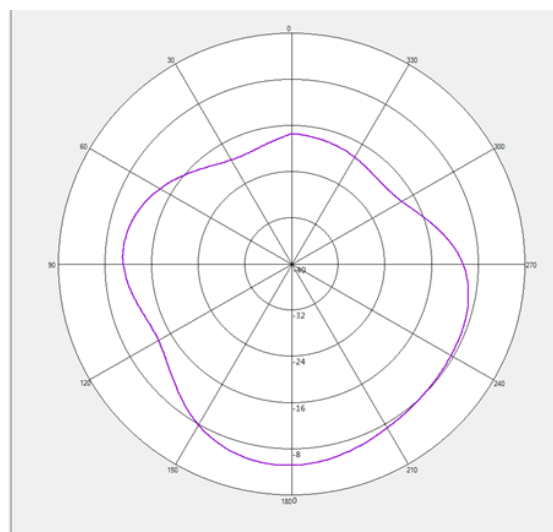


2D Antenna radiation pattern:

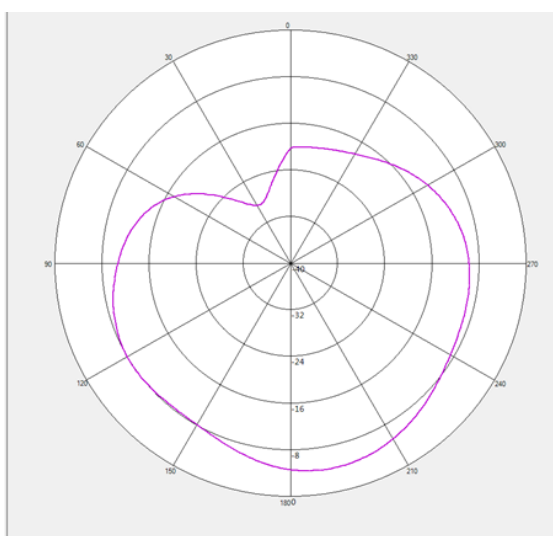
Theta=90.00deg



Phi=0.00deg

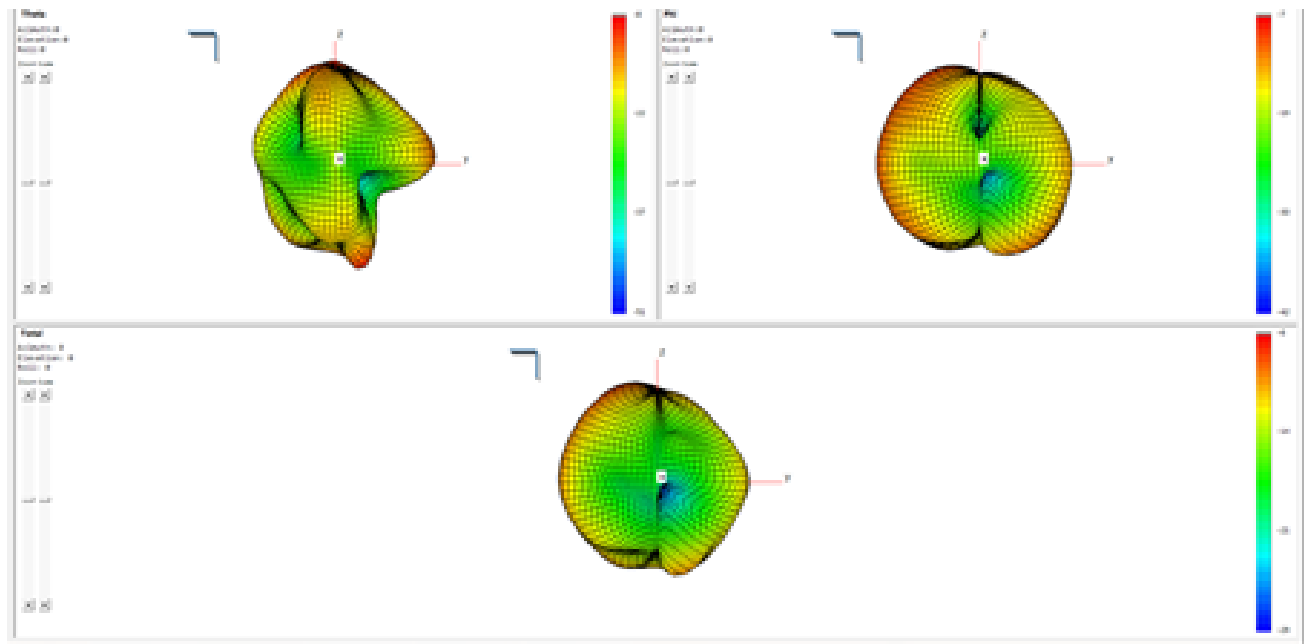


Phi=90.00deg



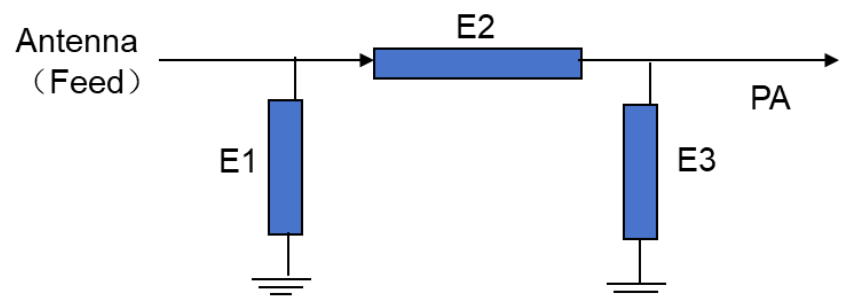


3D Antenna radiation pattern:



III: Matching circuit

Number	Value
E1	N/A
E2	$0\ \Omega$
E3	N/A



OTA Standard Chamber



IV: Structure file:

