



Antenna Part Specification

Project name:	330G
Material category:	WIFI Antenna
Version:	V1.0
Date:	2022.12.16



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Change record			
Compile / change date	Reason for change	Changed content	Version

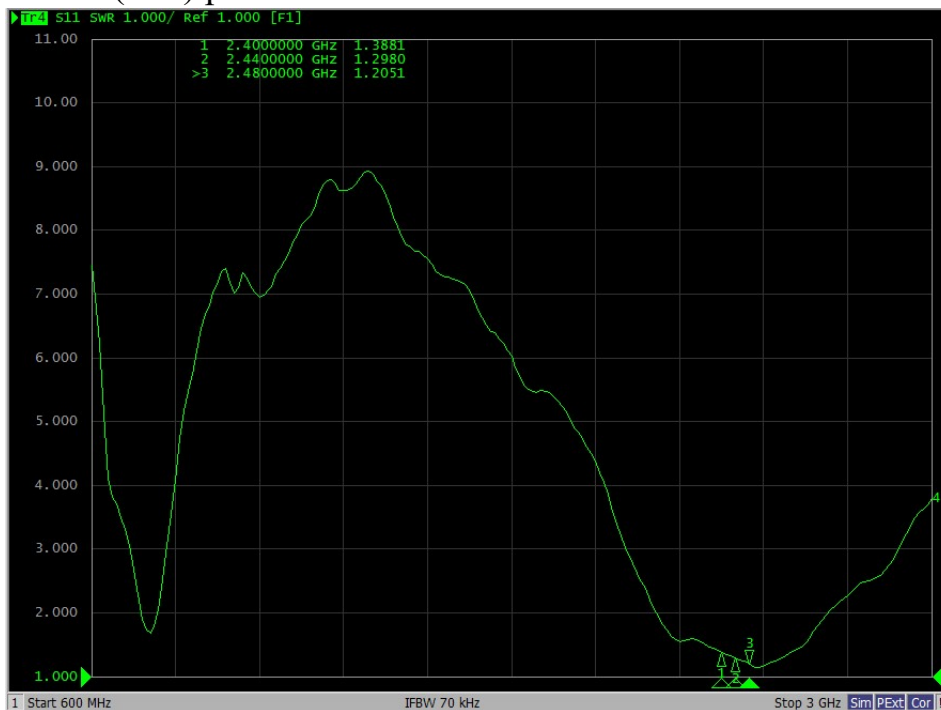


I: The report of passive data



Angilent E5071C

VSWR(S11) parameter:



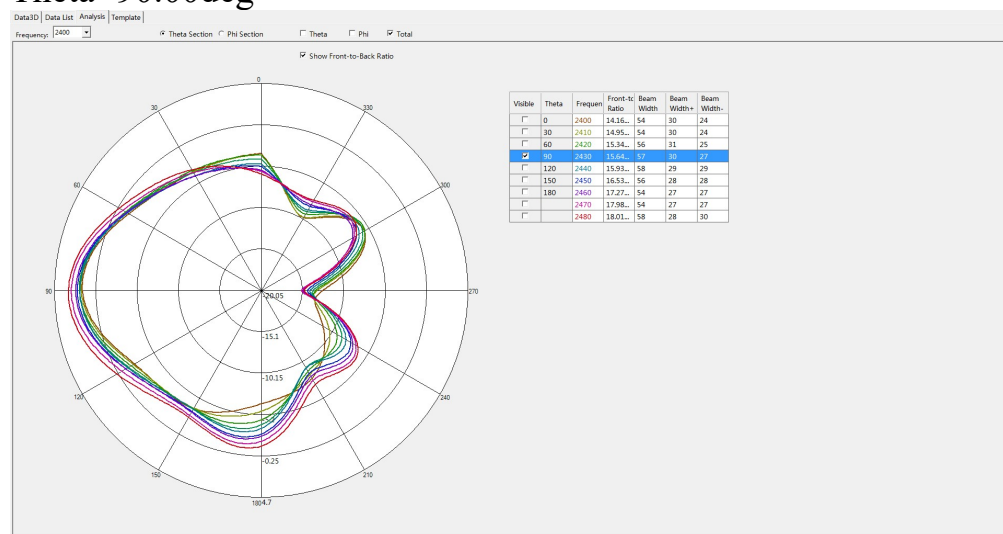
Efficiency:

2400-2480 MHz (Left ear)			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	3.20	-3.45	45.19
2410	3.42	-3.31	46.68
2420	3.54	-3.17	48.17
2430	3.58	-3.21	47.76
2440	3.62	-3.29	46.90
2450	3.84	-3.15	48.41
2460	3.95	-3.18	48.11
2470	4.39	-2.79	52.63
2480	4.61	-2.44	56.99
Average value	3.79	-3.11	48.98

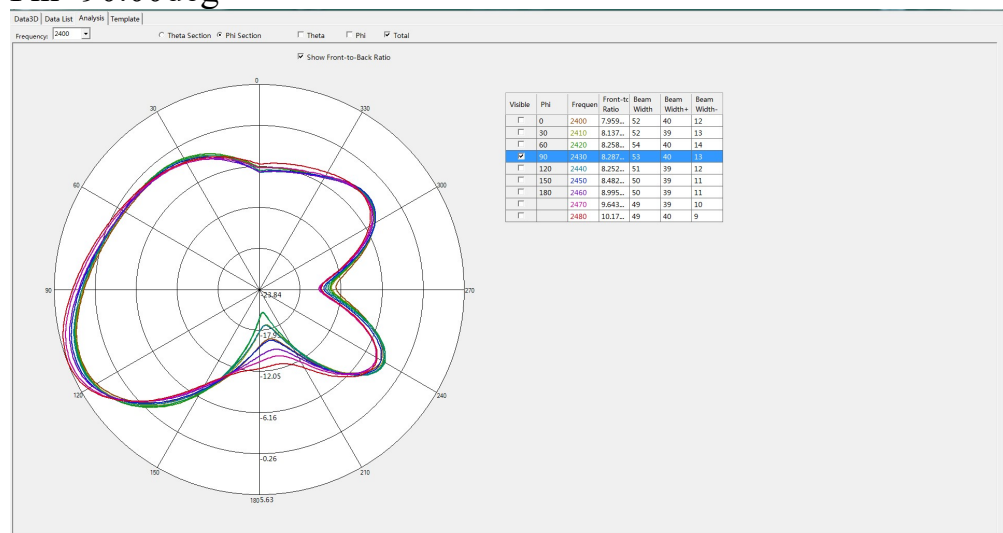


Antenna radiation pattern:

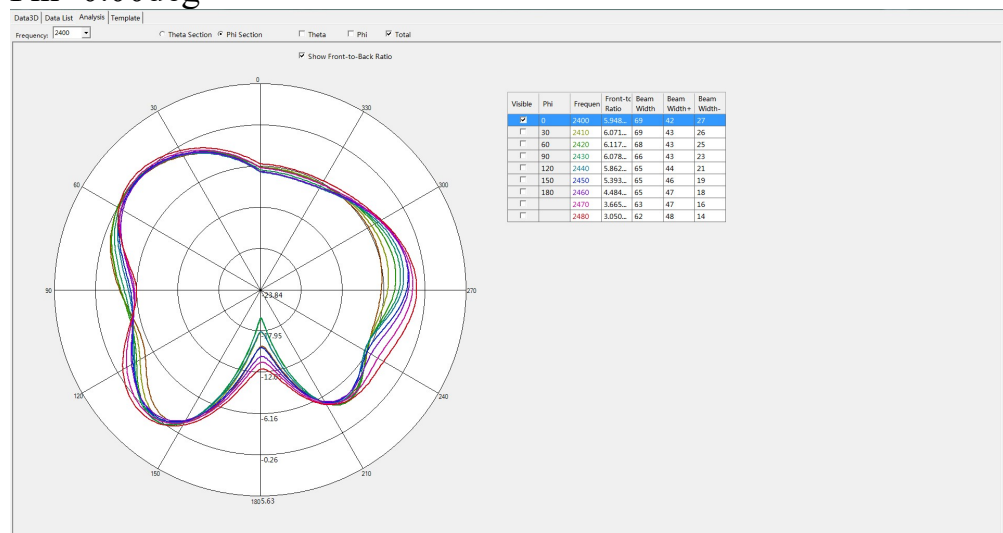
Theta=90.00deg



Phi=90.00deg

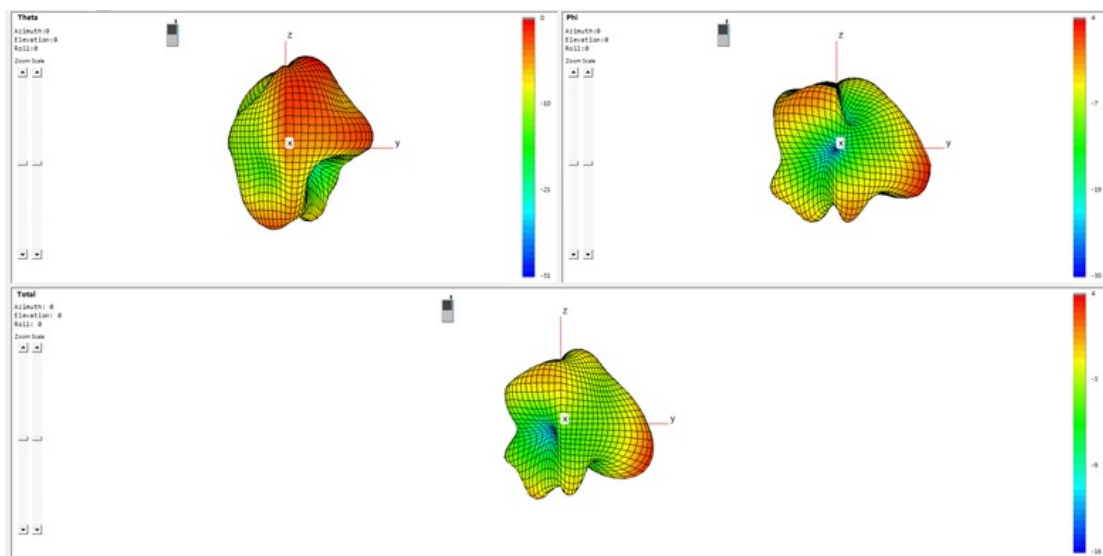


Phi=0.00deg





3D Antenna radiation pattern:



II: 3D Active test report of antenna

静态 天线区域在左轮前方壳底

11M	Channel	TRP (dBm)	TIS (dBm)
WIFI B	CH 1	15.4	-85.2
	CH 7	15.6	-85.6
	CH 13	15.8	-85.8

6/54M	Channel	TRP (dBm)	TIS (dBm)
WIFI G	CH 1	16.0	-75.1
	CH 7	16.0	-75.6
	CH 13	16.3	-75.8

动态 天线区域在左轮前方壳底

11M	Channel	TRP (dBm)	TIS (dBm)
WIFI B	CH 1	15.3	-84.6
	CH 7	15.6	-84.7
	CH 13	15.8	-84.8

6/54M	Channel	TRP (dBm)	TIS (dBm)
WIFI G	CH 1	16.0	-74.2
	CH 7	16.2	-74.6
	CH 13	16.3	-74.7



OTA Standard Chamber



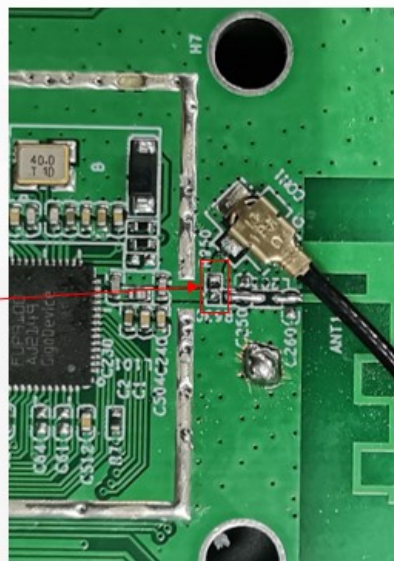
III: Matching circuit



图示编号	匹配值
E1	0Ω

0Ω

注：匹配未改动。





IV: Structure file

