

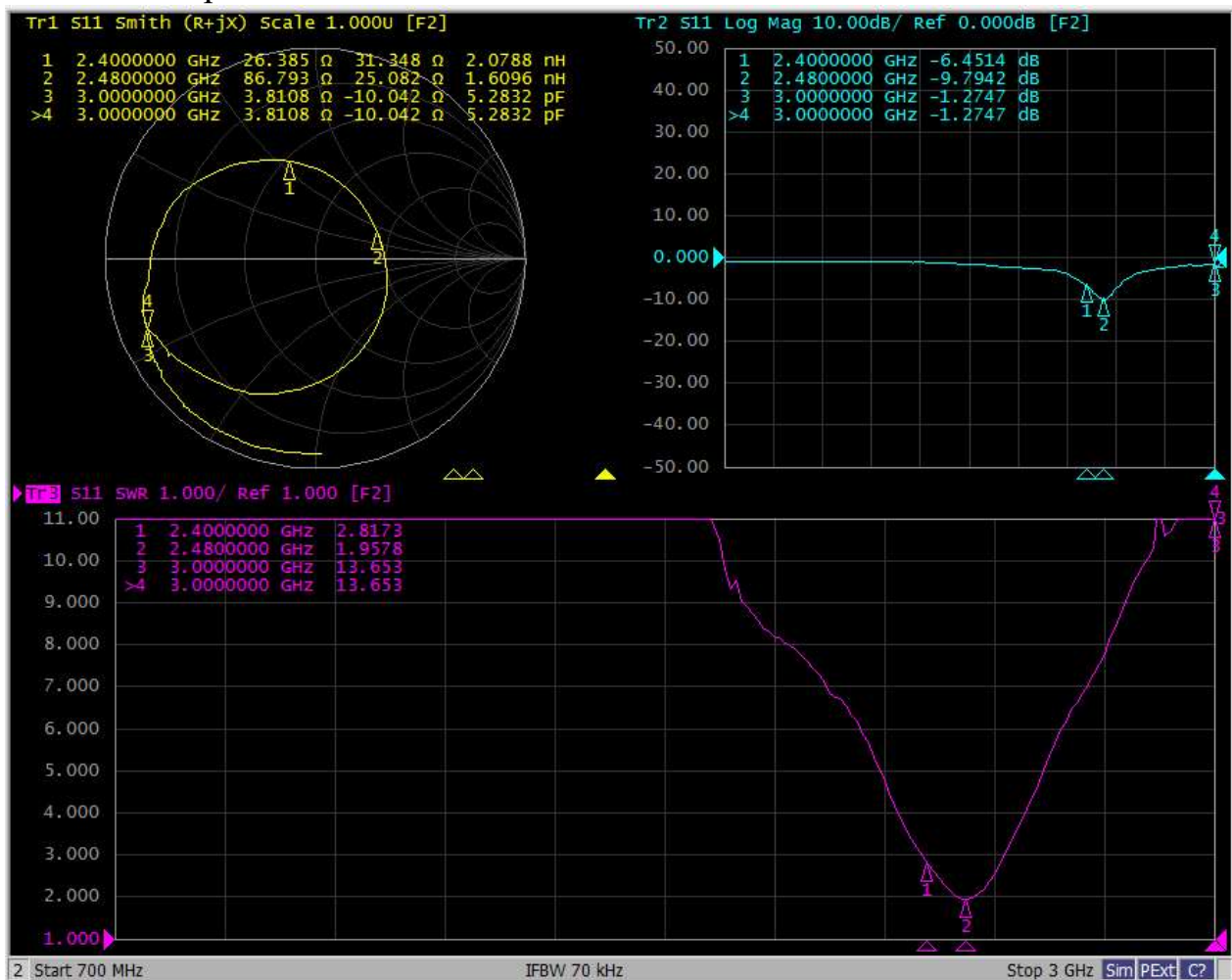


I: The report of passive data



Angilent E5071C

Antenna S11 parameter:

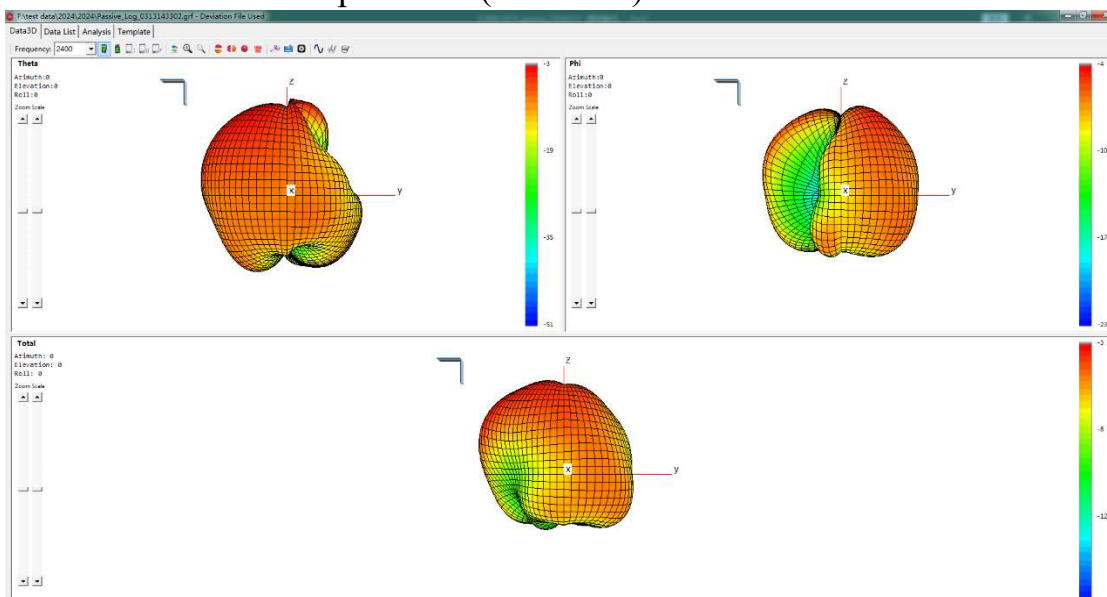




Antenna efficiency and gain:

Right ear			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	23%	-6.4	-3.4
2410	24%	-6.2	-3.1
2420	25%	-6.1	-2.9
2430	24%	-6.2	-3.0
2440	23%	-6.3	-3.1
2450	24%	-6.3	-3.0
2460	23%	-6.4	-3.1
2470	24%	-6.3	-3.0
2480	24%	-6.1	-2.9
average	23.7%	-6.3	-3.1

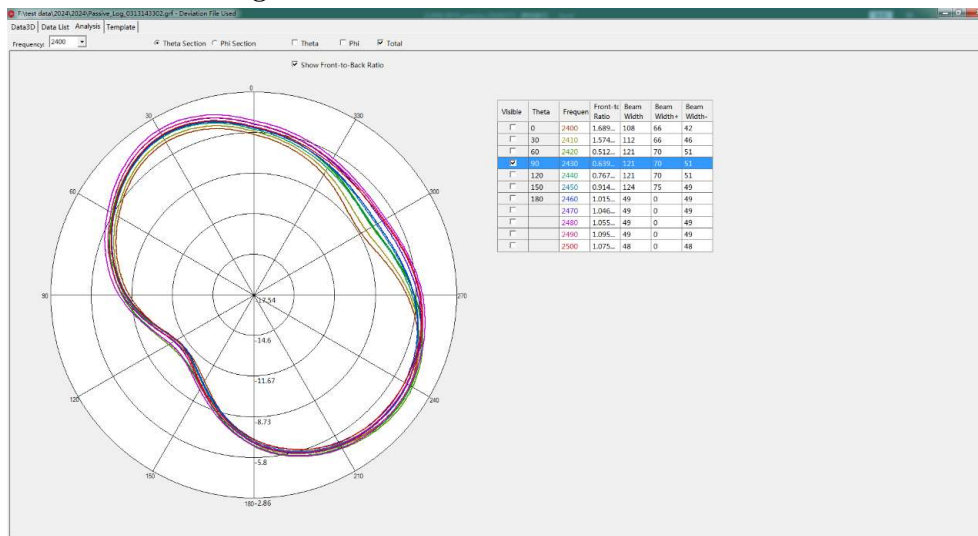
3D Antenna radiation pattern: (Unit: dBi)





2D Antenna radiation pattern: (Unit: dBi)

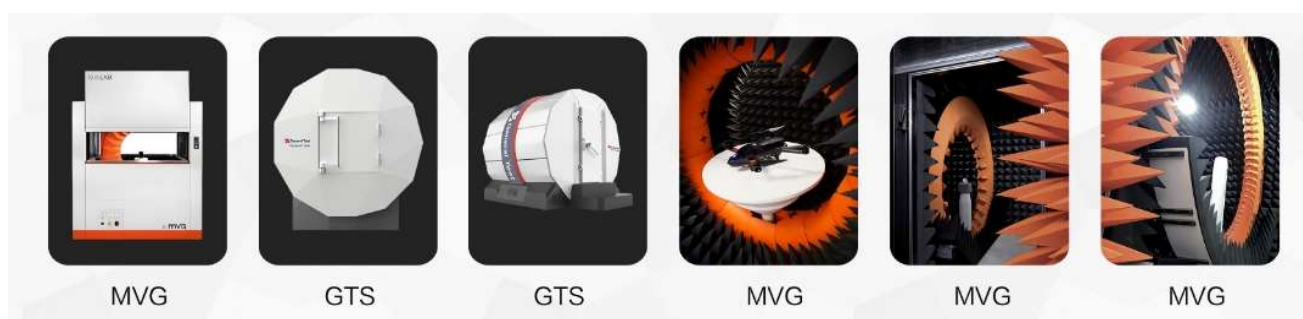
Theta=90.00deg





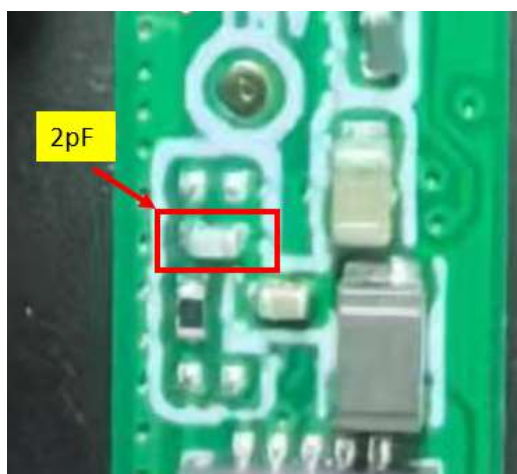
II: 3D Active test report of antenna

		free		head model	
	Channel	TRP (dBm)	TIS (dBm)	TRP (dBm)	TIS (dBm)
R	CH 0	-1.8	-83.6	-3.6	-81.5
	CH 39	-1.2	-84.8	-1.6	-84.4
	CH 78	-0.3	-85.1	-0.4	-85.2



OTA Standard Chamber

III: Antenna matching circuit





IV: Antenna structure diagram file

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