

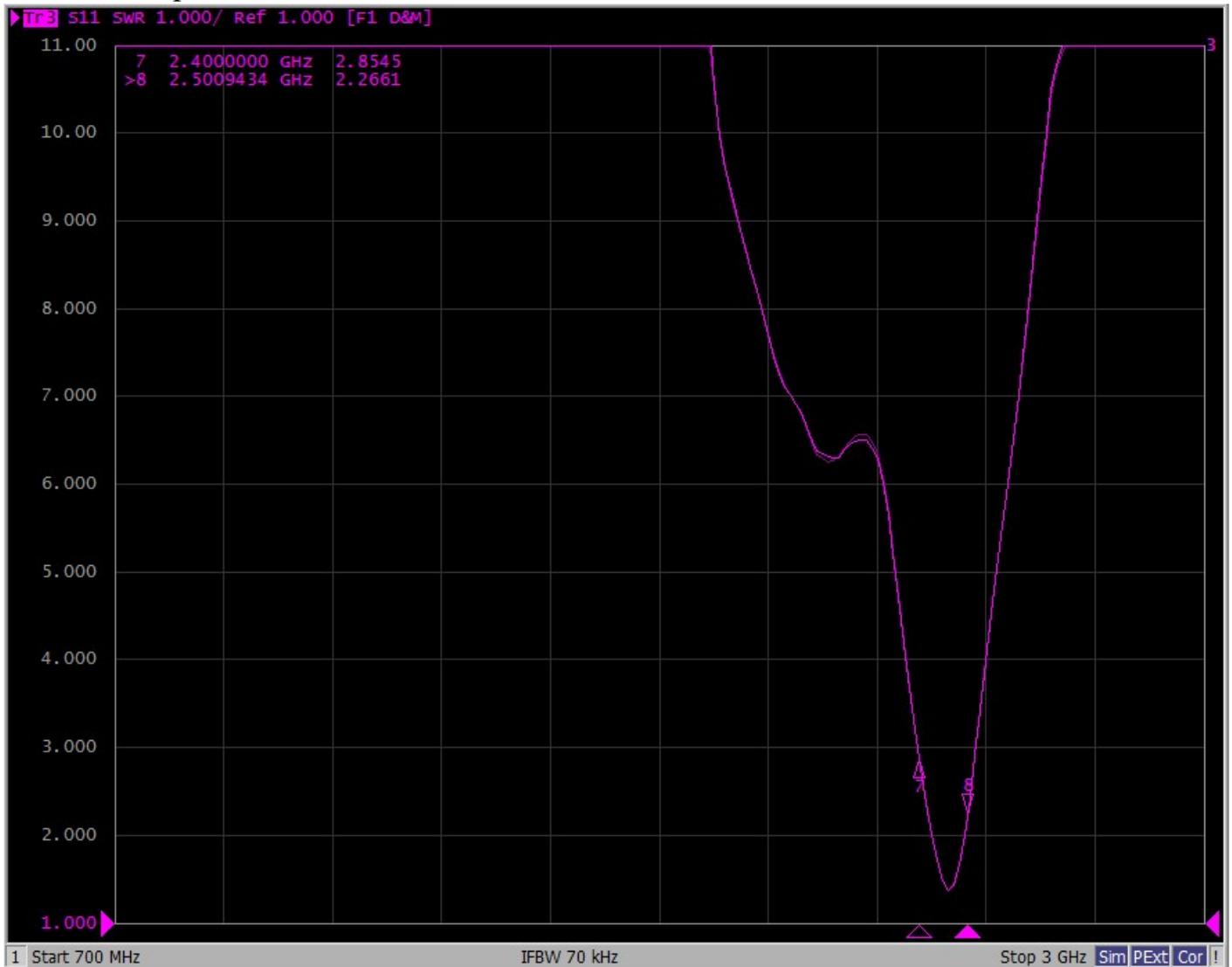


I: The report of passive data



Agilent E5071C

antenna S11 parameter:

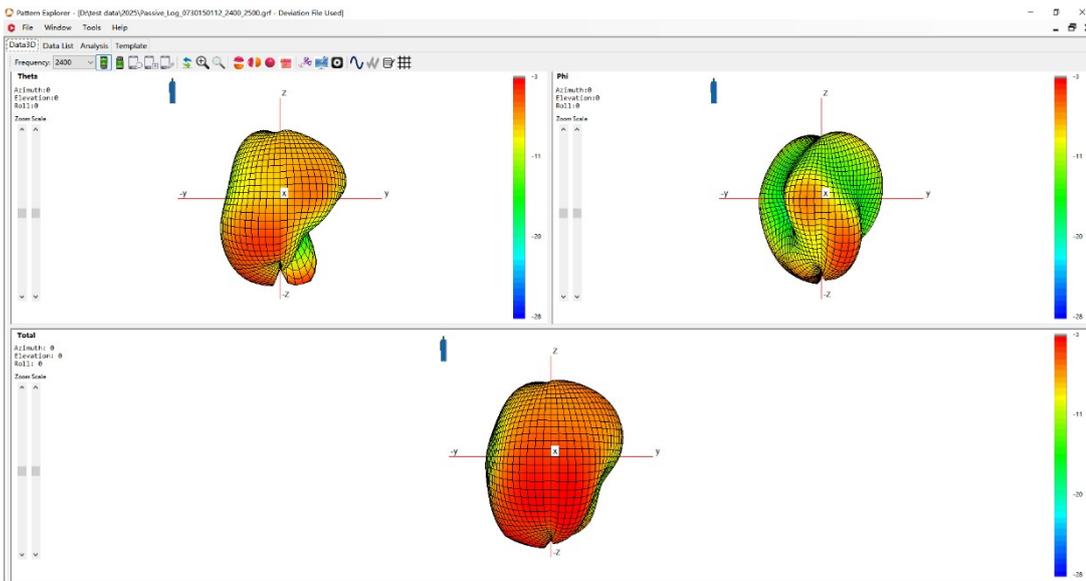




Antenna efficiency and gain:

2.4GHz			
Frequency (MHz)	Efficiency (dB)	Gain (dBi)	Efficiency (%)
2400	-7.40	-3.11	18.22
2410	-7.10	-2.91	19.48
2420	-6.91	-2.77	20.36
2430	-6.83	-2.78	20.73
2440	-6.80	-2.80	20.87
2450	-6.86	-2.86	20.59
2460	-7.02	-3.02	19.85
2470	-7.20	-3.19	19.03
2480	-7.39	-3.42	18.23
2490	-7.69	-3.77	17.03
2500	-7.97	-4.07	15.96

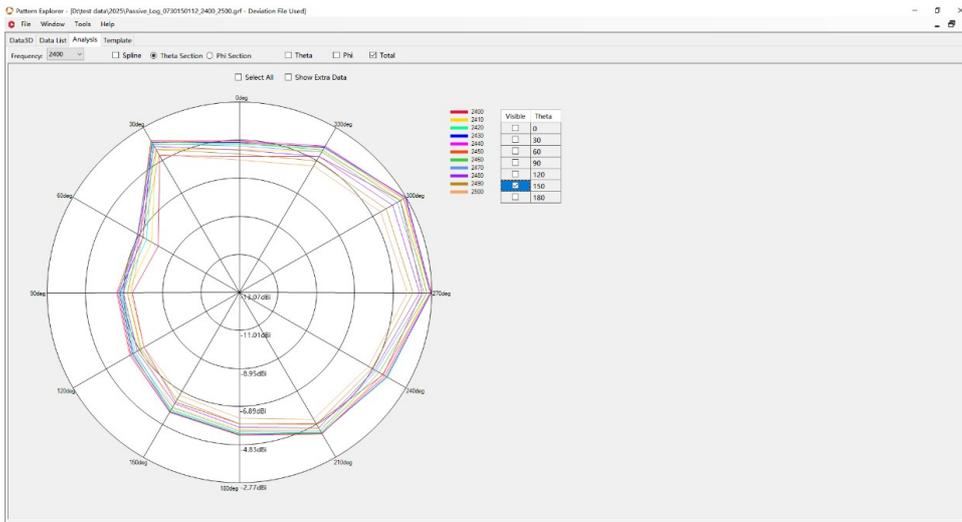
3D Antenna radiation pattern:



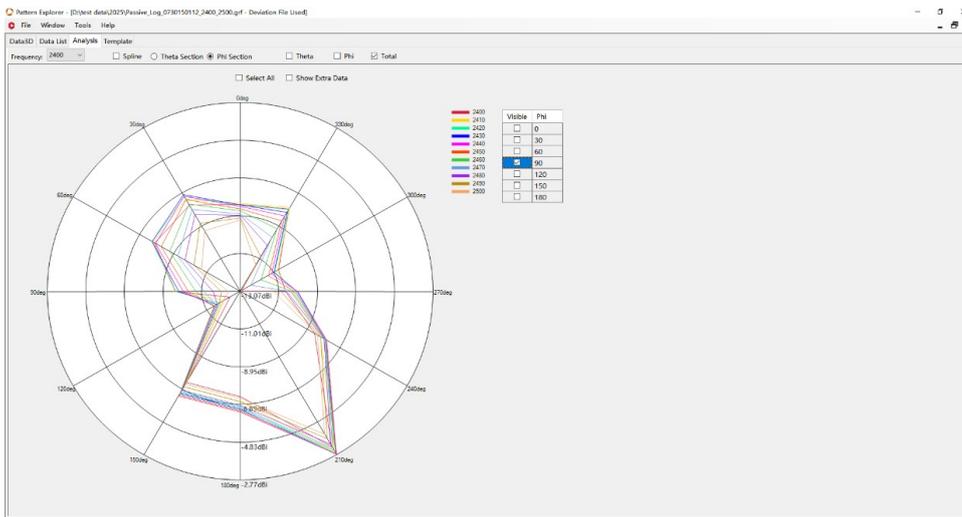


2D Antenna radiation pattern:

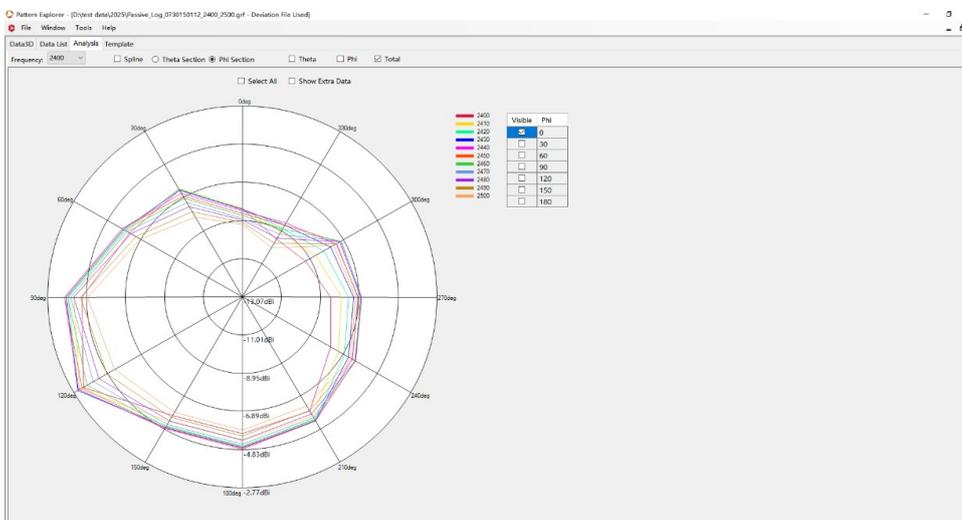
Theta = 150°



Phi = 90°



Phi = 0°





II: 3D Active test report of antenna

	Channel	Free		Head	
		TRP	TIS	TRP	TIS
L	CH 0	3.5	-85.4	3.2	-85.7
	CH 39	4.9	-84.7	3.4	-84.7
	CH 78	4.2	-85.0	2.2	-84.3



OTA Standard Chamber



III: Antenna structure diagram file

