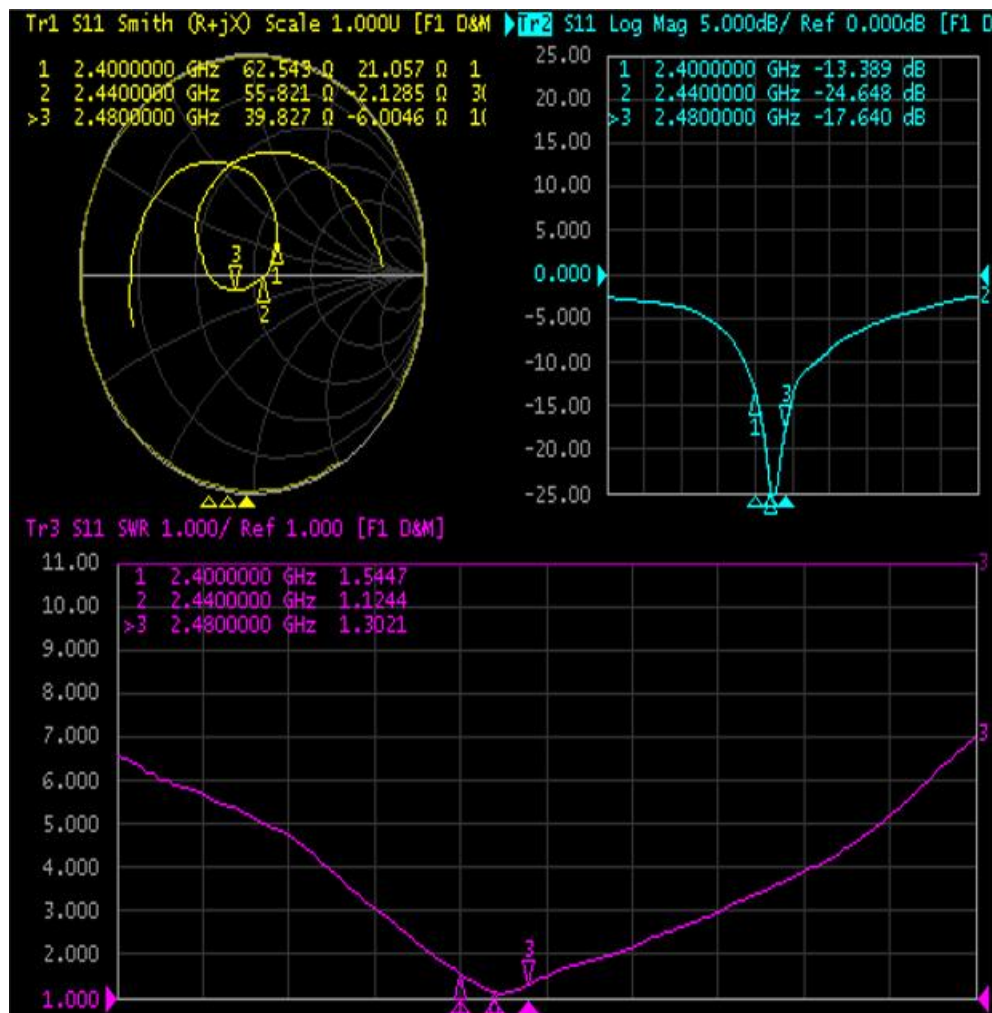


MW75 Kanto Antenna specification

2024/2/22 DV build
Daniel Kuo

S11

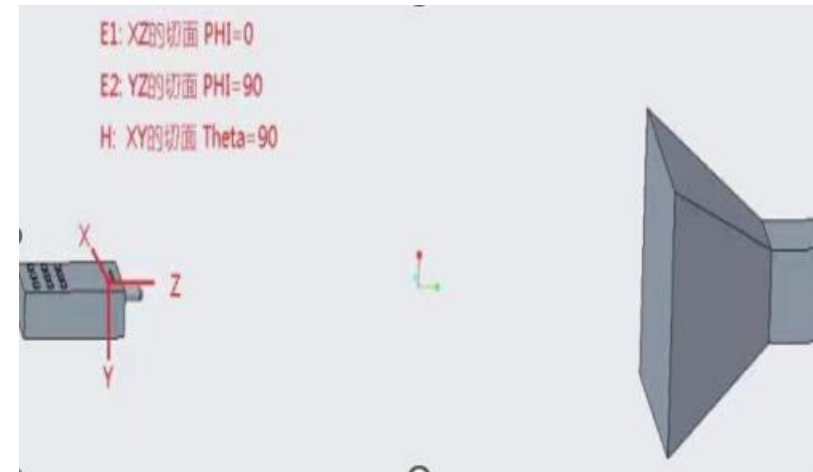


Passive Efficiency

无源效率增益（自由空间）

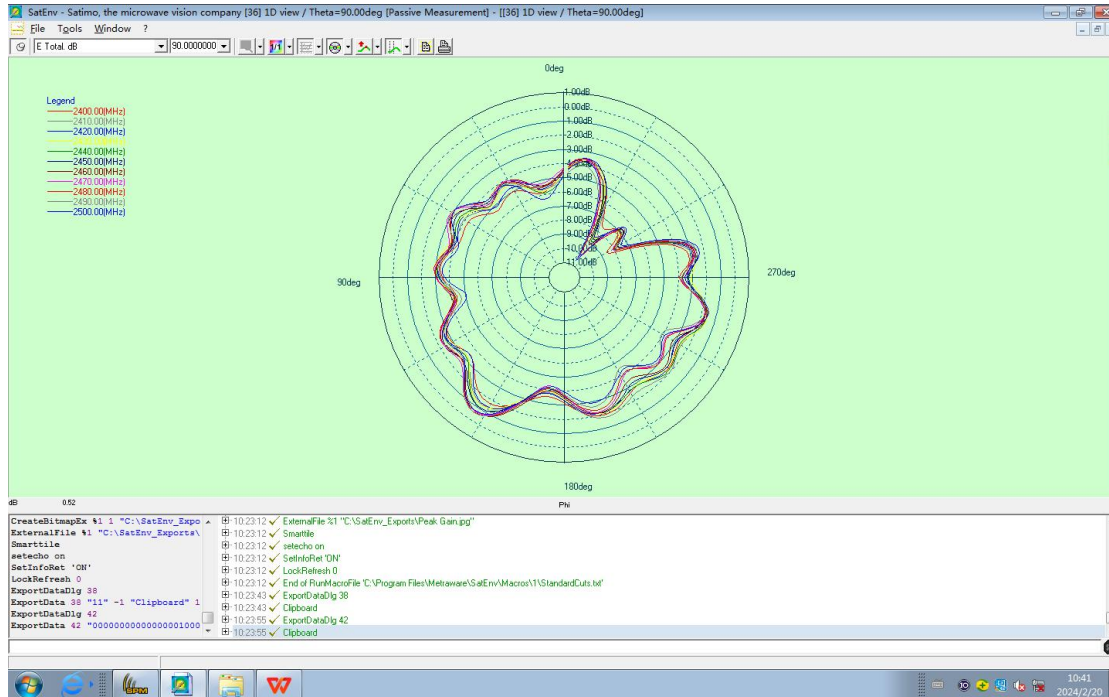
频率(MHz)	效率%	效率(dB)	增益(dBi)
2400	38.28%	-4.17	1.12
2410	39.87%	-3.99	1.43
2420	39.22%	-4.06	1.35
2430	39.78%	-4.00	1.41
2440	39.62%	-4.02	1.30
2450	40.01%	-3.98	1.65
2460	39.85%	-4.00	1.64
2470	38.40%	-4.16	1.51
2480	38.29%	-4.17	1.67
平均值	39.3%	-4.06	1.45

Position

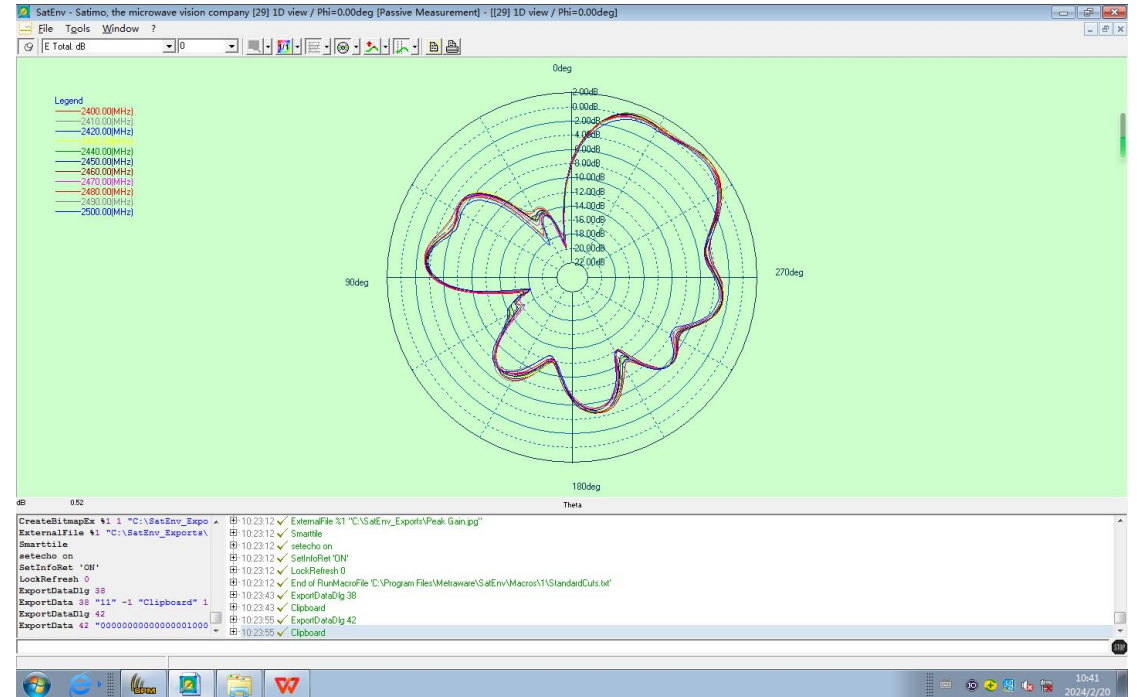


$\text{Phi}=0^\circ$	Cut= XZ Plane	
$\text{Phi}=90^\circ$	Cut= YZ Plane	
$\text{Theta}=90^\circ$	Cut= XY Plane	

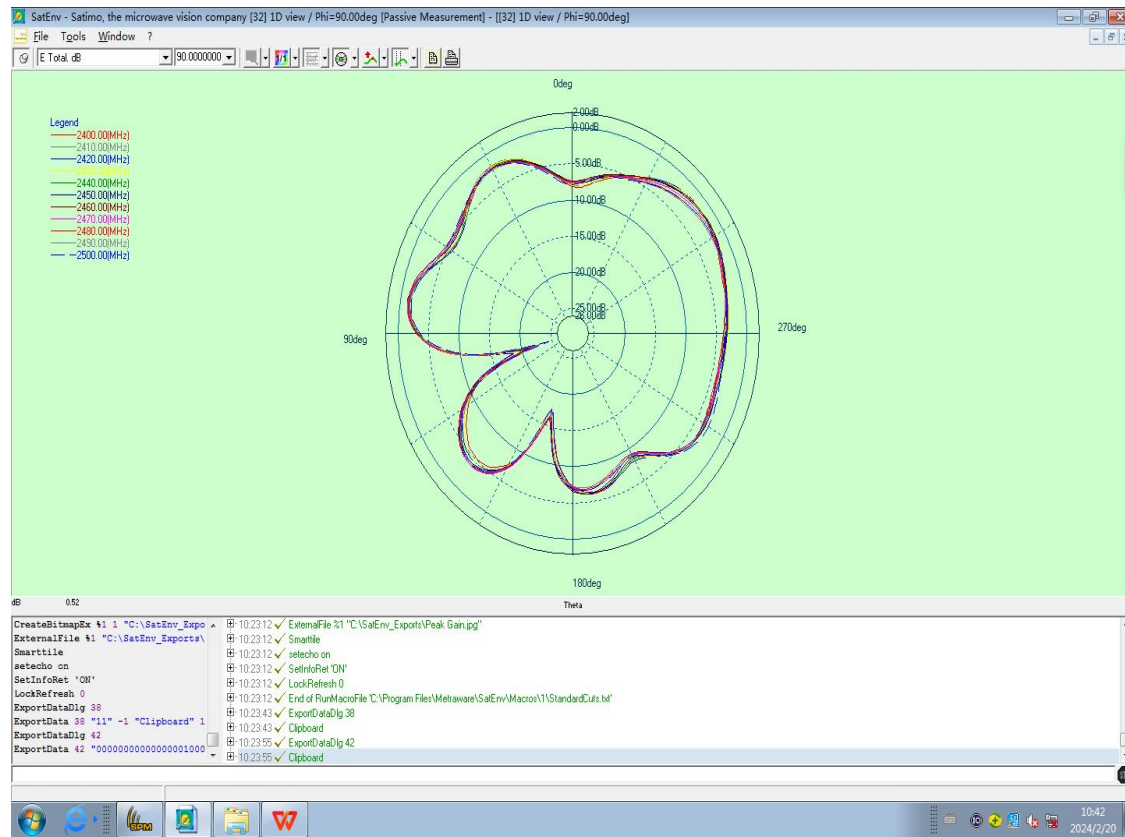
Theta=90



Phi=0



Phi=90



Conducted performance

传导数据

信道	TRP (dBm)	TIS (dBm)
0	8.53	-92
39	8.88	-93
78	9.3	-93

OTA performance (free space)

OTA (自由空间)

信道	TRP (dBm)	TIS (dBm)
0	6.64	-89.87
39	6.72	-90.14
78	6.76	-90.25

