

2.4G ANTENNA

——report

Debug time: 2022-05-30

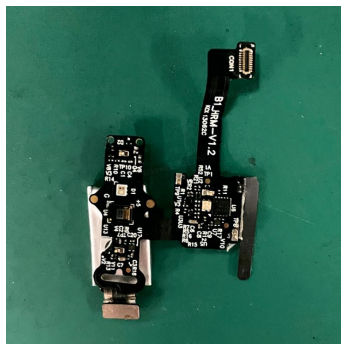
Debug location: RFsister实验室。

Debug equipment: 3D microwave anechoic room

Debug Project: passive

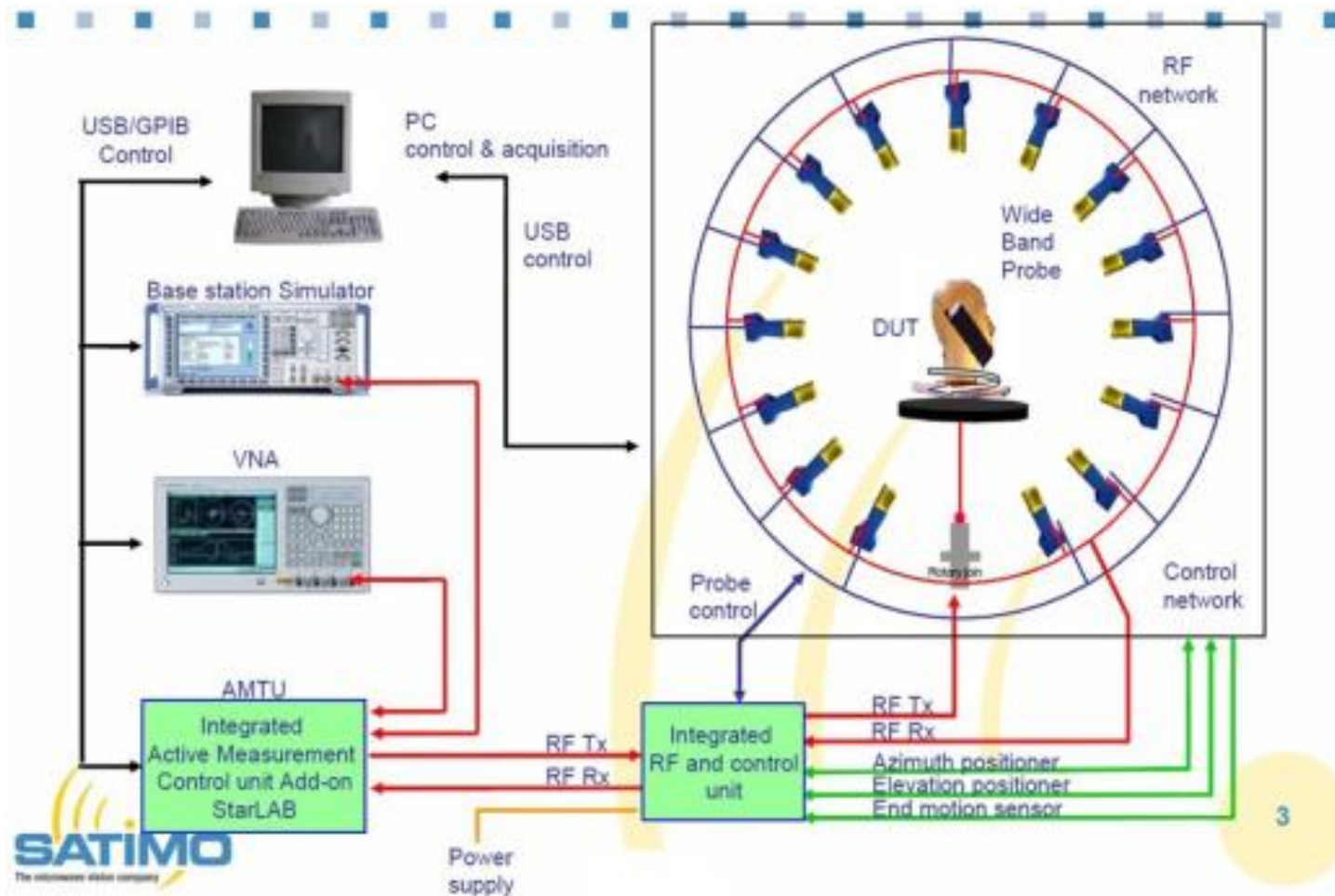
Size: 18.98mm*2.2973mm

Picture:



1, Test schematic of microwave anechoic chamber

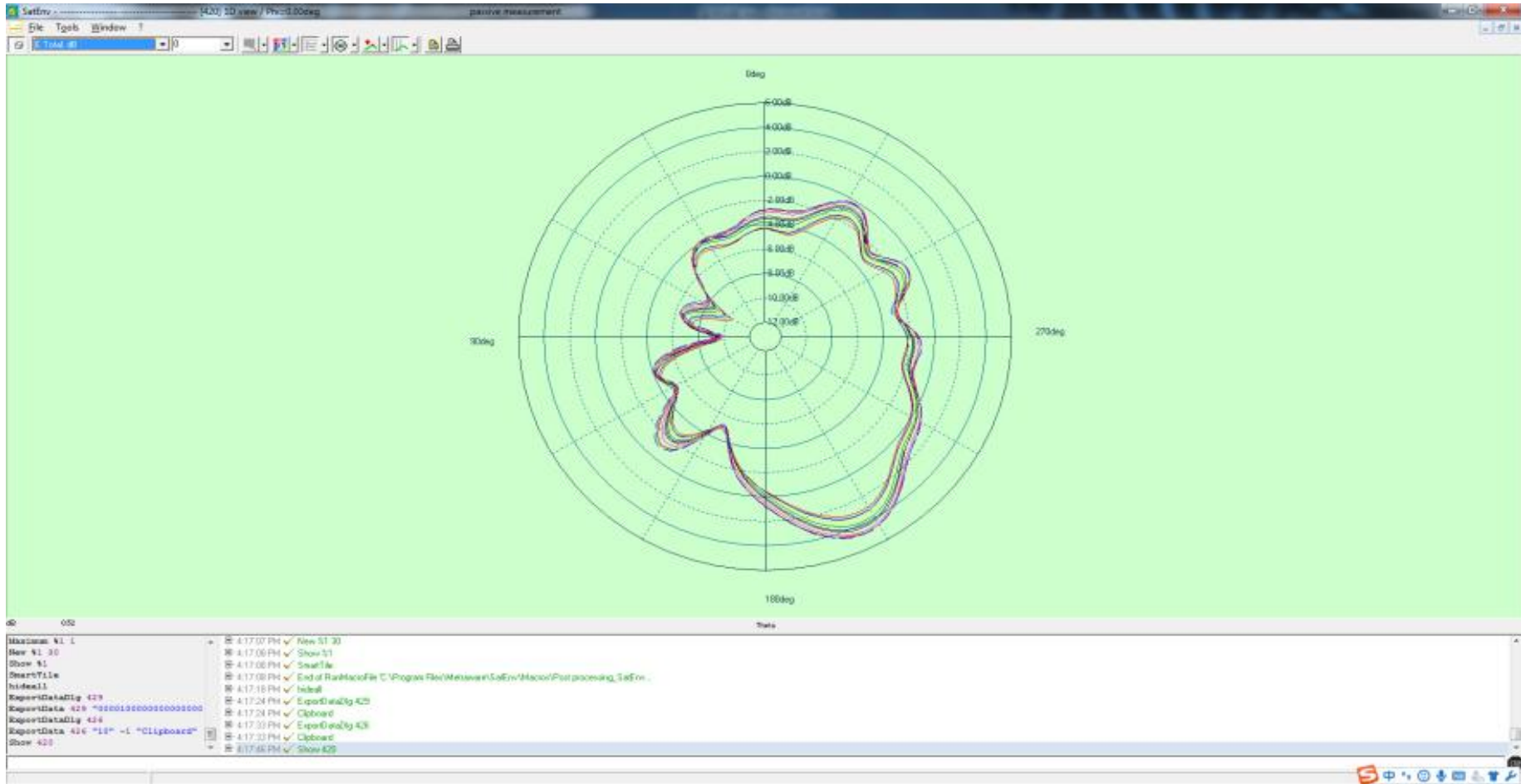
This report summarizes the electrical performance results of the antenna of the project, including the antenna's S11 parameters, Gain and Efficiency.



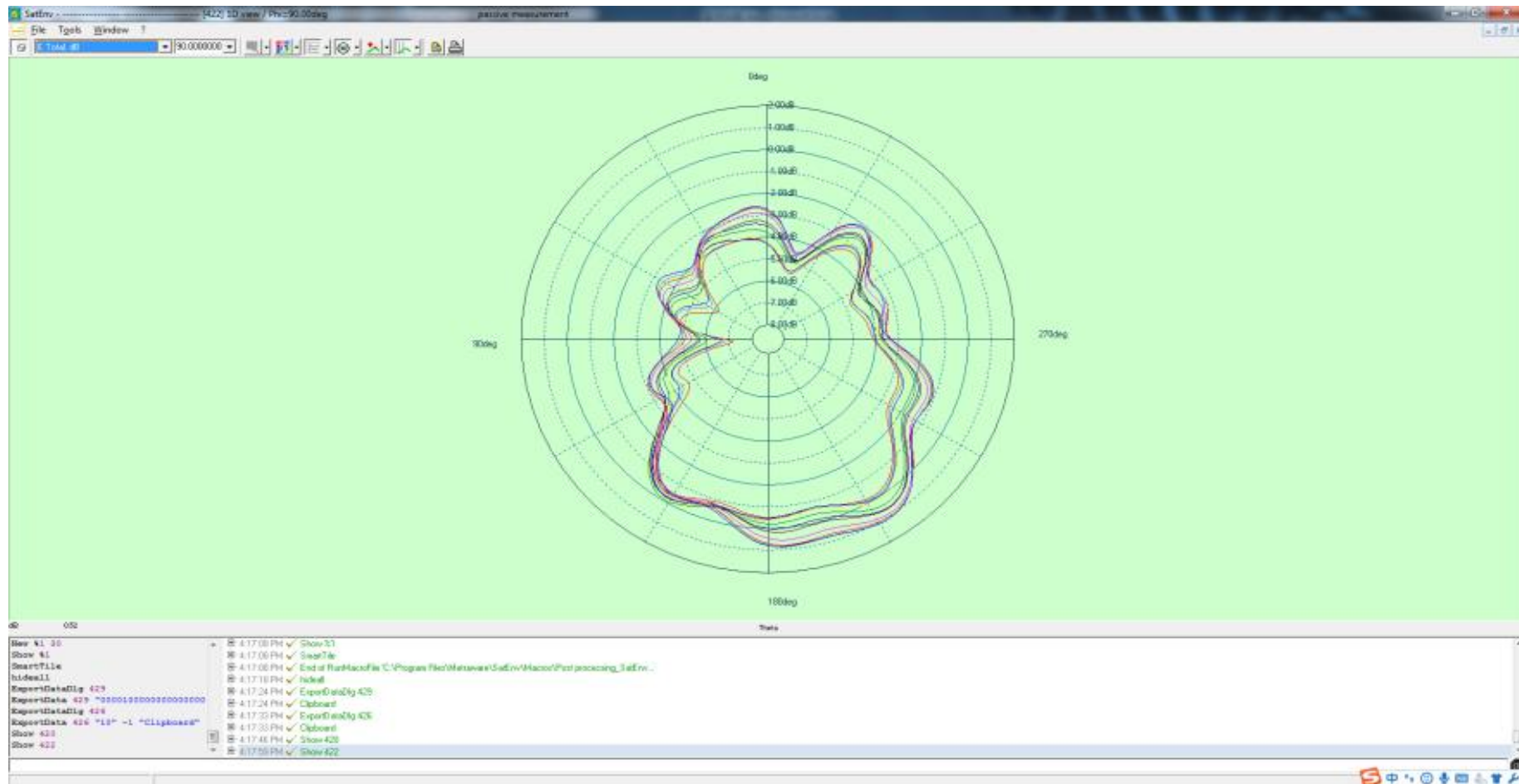
Antenna OTA passive test data

Frequency(Hz)	Gain	Eff.
2400000000	3. 032592697	49%
2410000000	3. 185233682	51%
2420000000	3. 291279572	51%
2430000000	3. 552524155	53%
2440000000	3. 92153441	56%
2450000000	4. 212335741	58%
2460000000	4. 369608736	58%
2470000000	4. 663329179	61%
2480000000	4. 792267559	63%
2490000000	4. 832506532	63%
2500000000	4. 846878626	63%

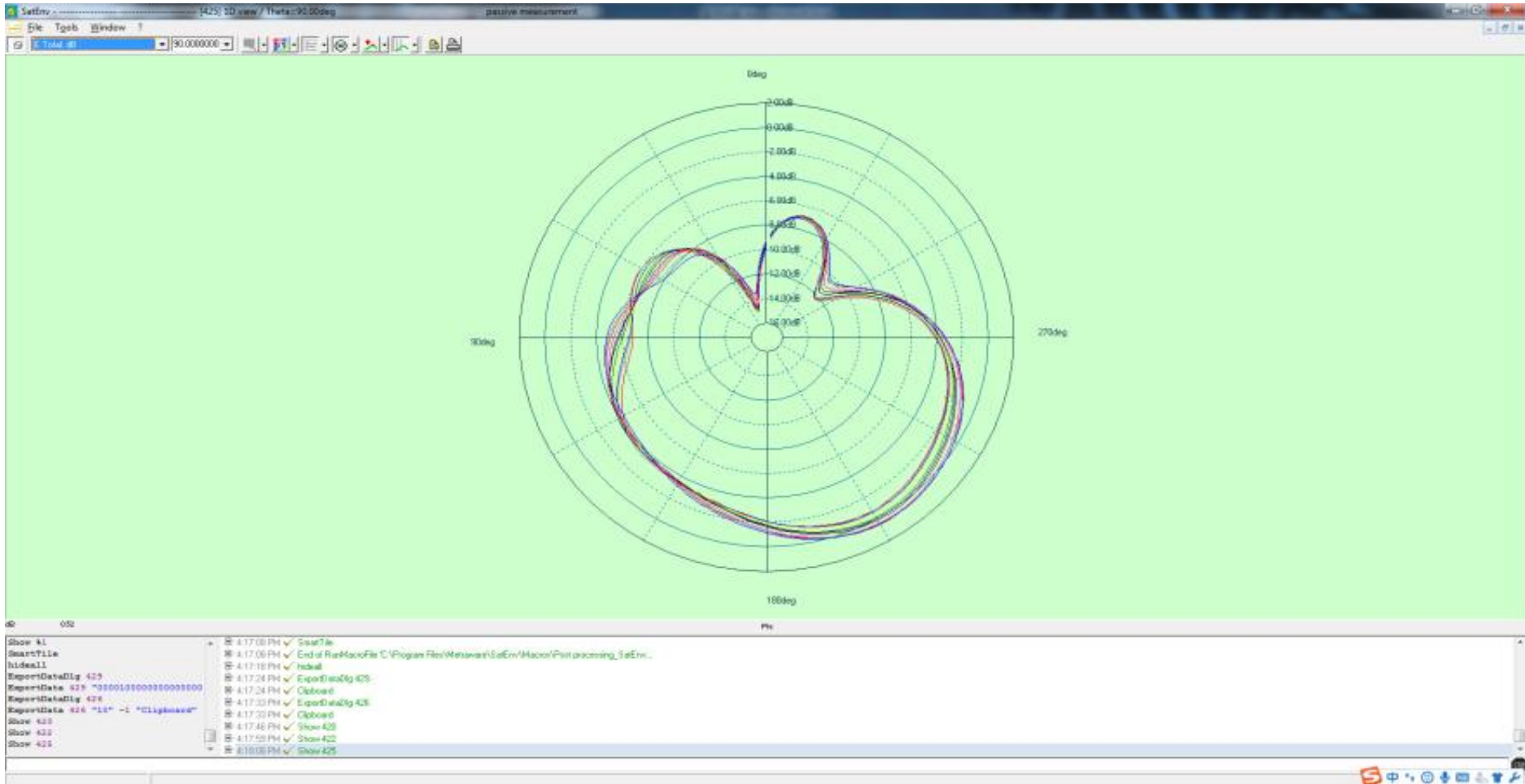
Radiation diagram E1



Radiation diagram E2



Radiation diagram H



Radiation map 3D surface

