

RM20-板载天线数据报告

May 27, 2025

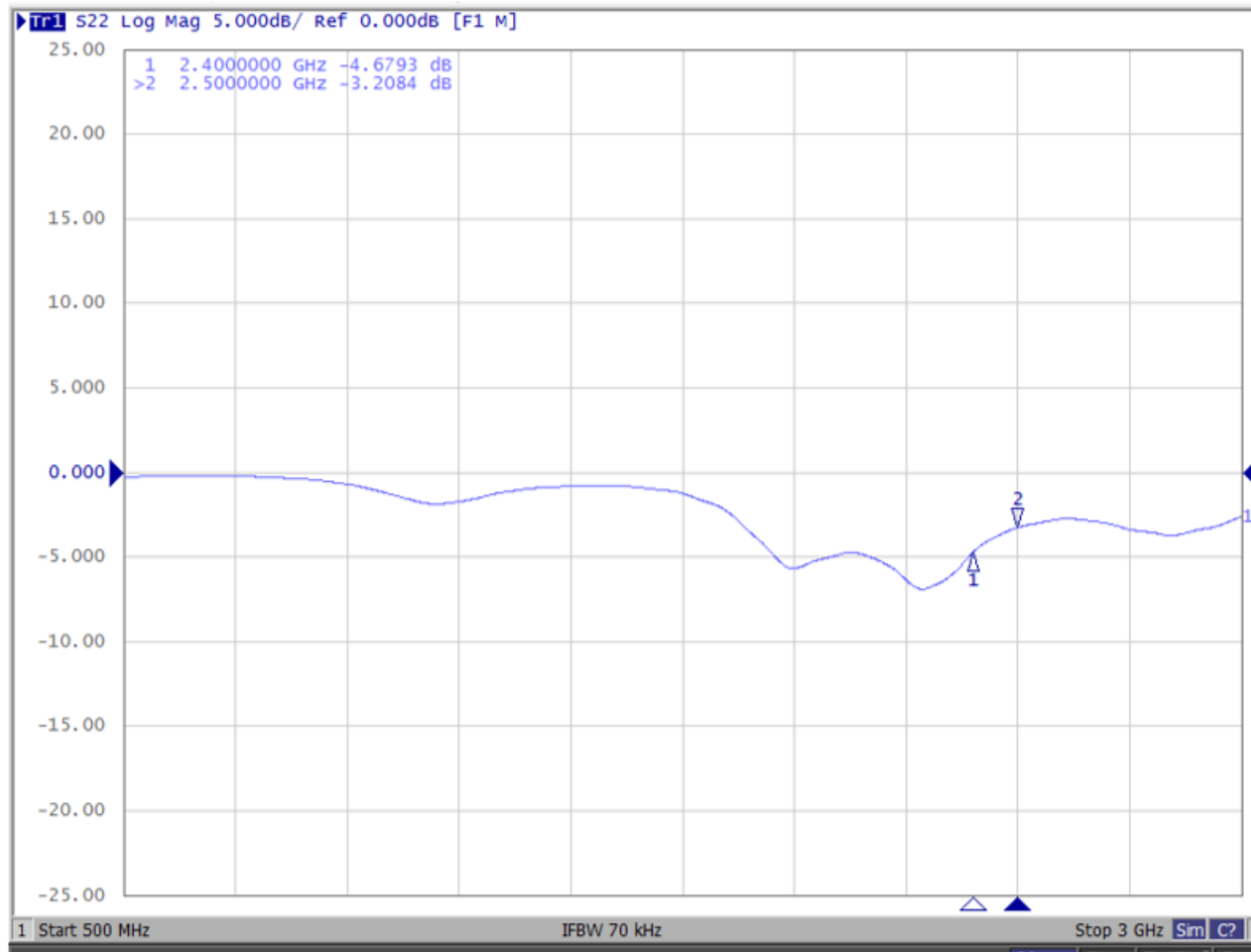
天线样品照片



天线信息

Company	Suzhou Fanxi Technology Co., Ltd.
Address	Room 101-3, Building 40, No.666, Jianlin Road, High-tech Zone, Suzhou
Model	Inverted-F Antenna
Name	RM20-On-board Antenna

天线 S11

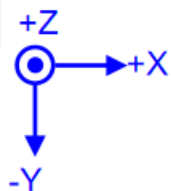
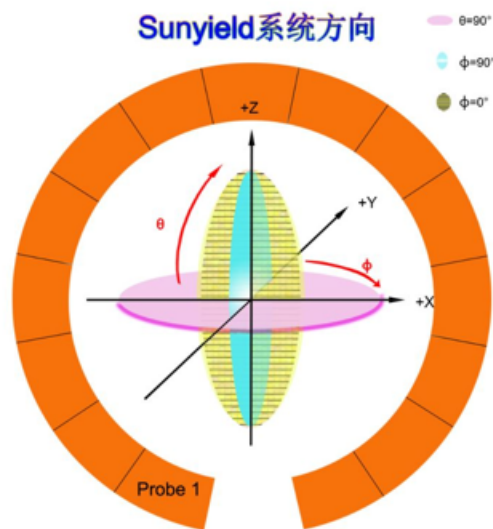


天线无源性能

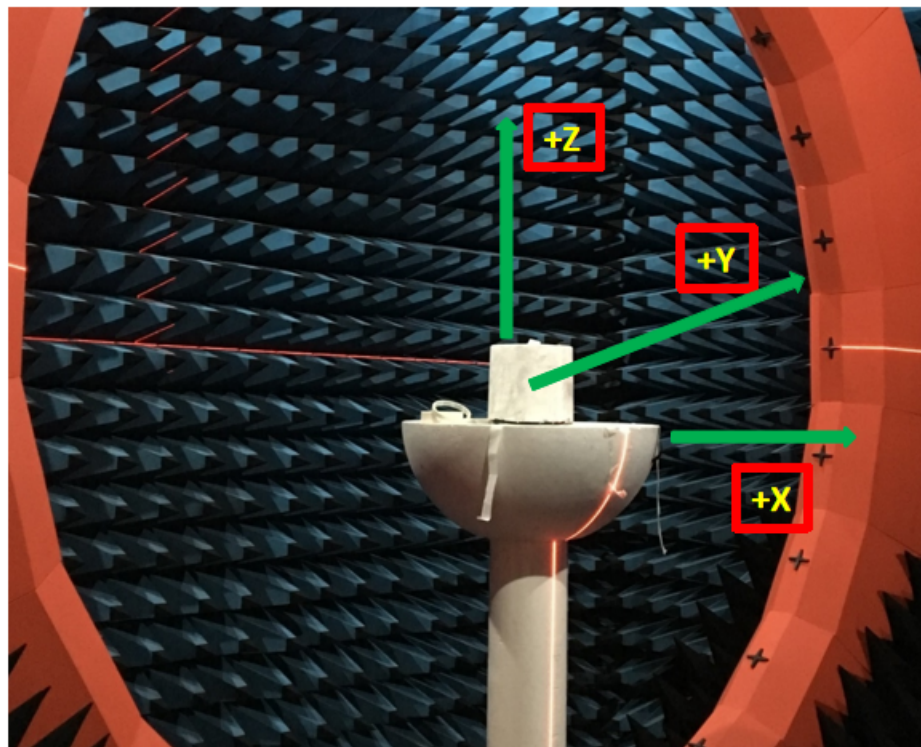
频率(MHz)	增益(dBi)	效率(dB)	效率(%)
2350	-1.8	-9.63	10.9
2360	-1.63	-9.54	11.13
2370	-1.76	-9.74	10.62
2380	-1.61	-9.55	11.09
2390	-1.73	-9.66	10.82
2400	-1.59	-9.61	10.93
2410	-1.69	-9.74	10.61
2420	-1.75	-9.7	10.72
2430	-2.13	-9.91	10.2
2440	-2.36	-10.02	9.95
2450	-2.71	-10.18	9.59
2460	-3.11	-10.55	8.82
2470	-3.61	-10.93	8.08
2480	-4.21	-11.36	7.32
2490	-4.57	-11.67	6.81
2500	-5.26	-12.28	5.91
2510	-5.51	-12.42	5.73
2520	-5.67	-12.53	5.59
2530	-5.48	-12.44	5.7
2540	-6.05	-12.81	5.24
2550	-6.56	-12.77	5.29

测试环境

[Direction Definition]

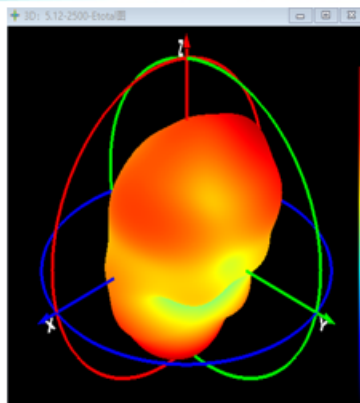


[Testing Environment]

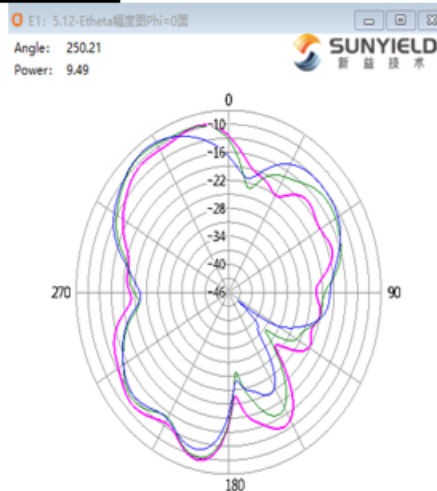
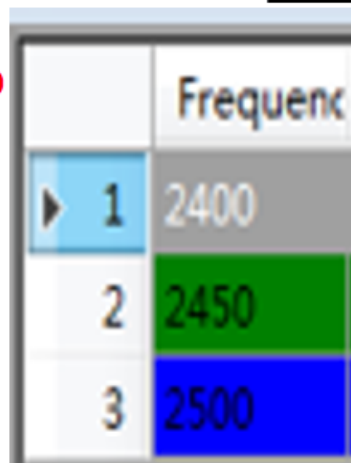


方向图 (3D-2500mhz & 2D-2400/2450/2500mhz)

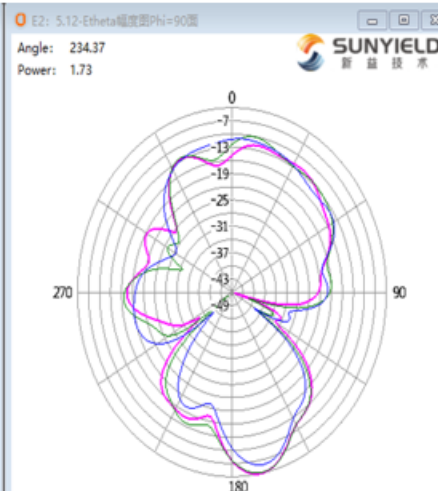
3D 2500 MHz



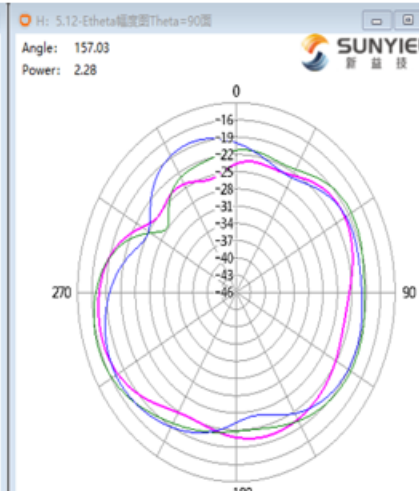
2D



E1:XOZ面



E2:YOZ面



H: XOY面

Thank You

