

1、技术指标 (Technical Specification)

电性能指标 Electrical Specifications	
频率范围 Frequency Range （MHz）	2400-2500
频带宽度 Bandwidth (-10dB) （MHz）	≥100
输入阻抗 Input Impedance （Ω）	50
电压驻波比 VSWR (max at all of frequency range)	<1.8
增益 Gain (@2.45GHz max) （dBi）	0.338
极化形式 Polarization Type	Linear polarization
雷电保护 Lightning Protection	DC ground
功率容量 Power Capacity （mW）	1000
机械指标 Mechanical Specifications	
辐射体 Radiator	铜 Cuprum
连接器型号 Connect Type	-
工作温度 Working Temperature （℃）	-40~85
存储温度 Storage Temperature （℃）	-40~125
外壳颜色 Radome Color	-沉金 Immersion gold
重量 Weight （g）	-

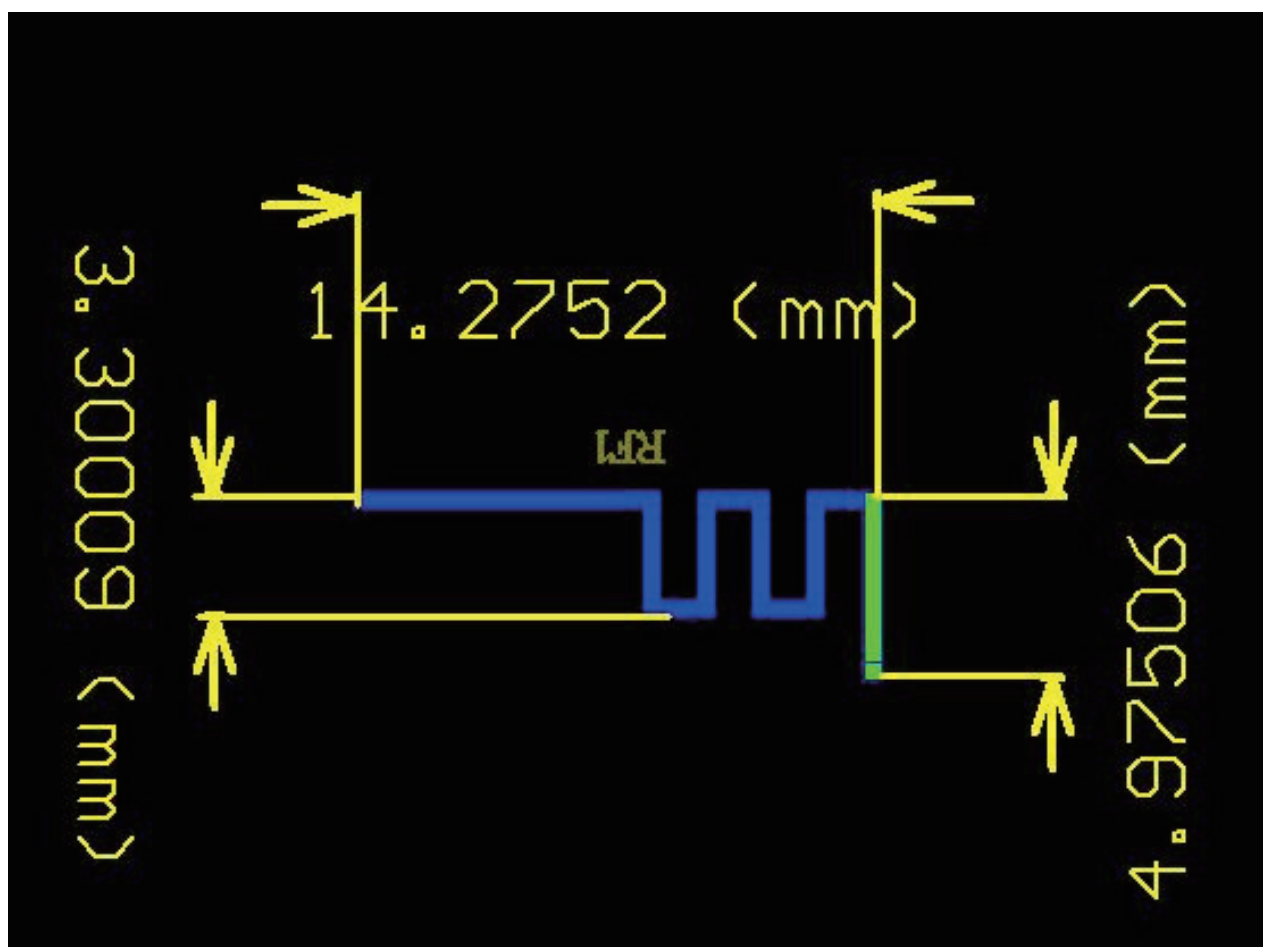
2. 天线尺寸 Antenna size

型号：RF1

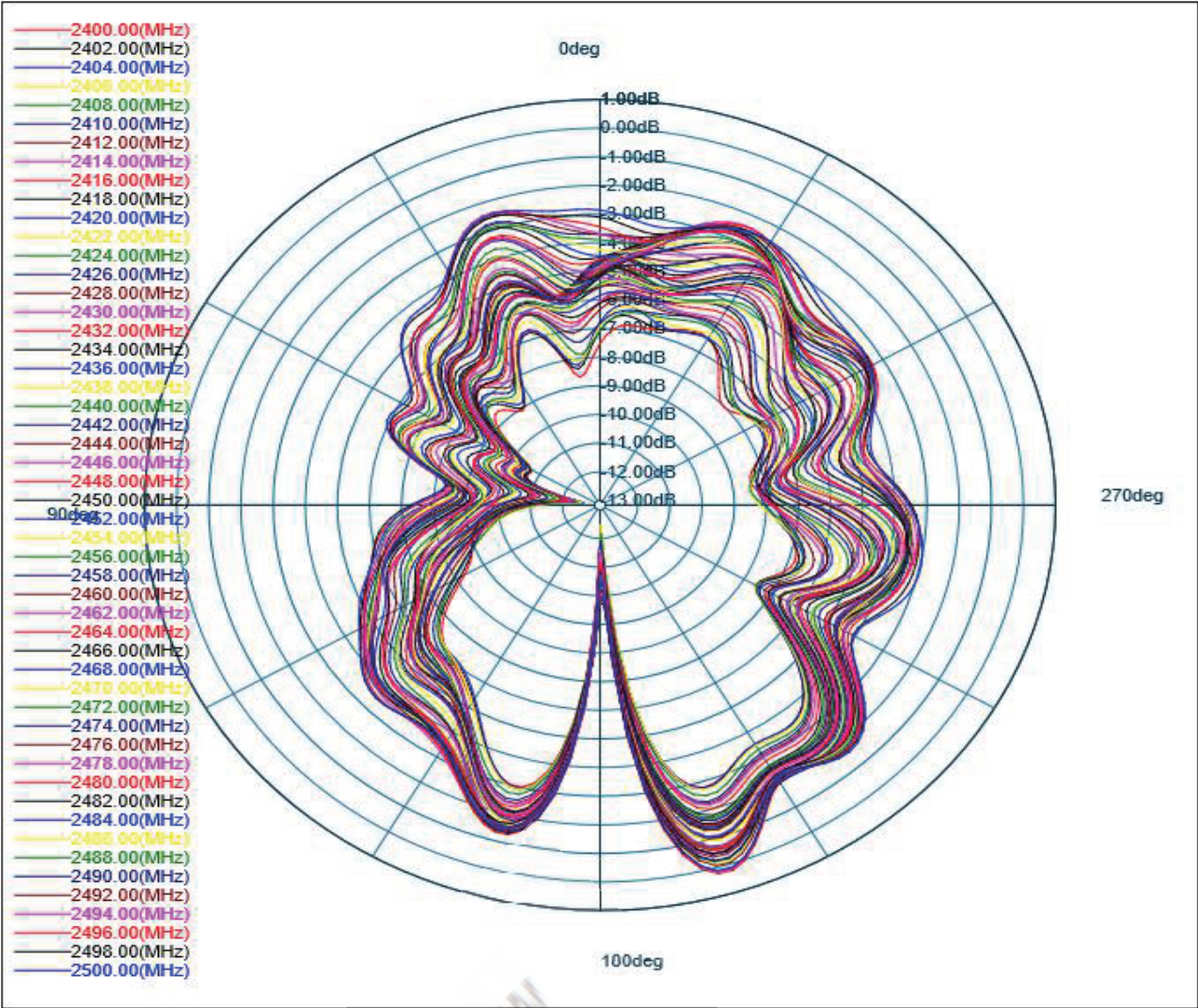
厂家：华密

Huizhou Huami Intelligent Technology Co., Ltd.

Shangyuan Road, Juelong Village, Yuanzhou Town, Boluo County, Huizhou City,
Guangdong Province (Factory A) , (2nd Floor, Building 5, Shengfeng Technology
Park)

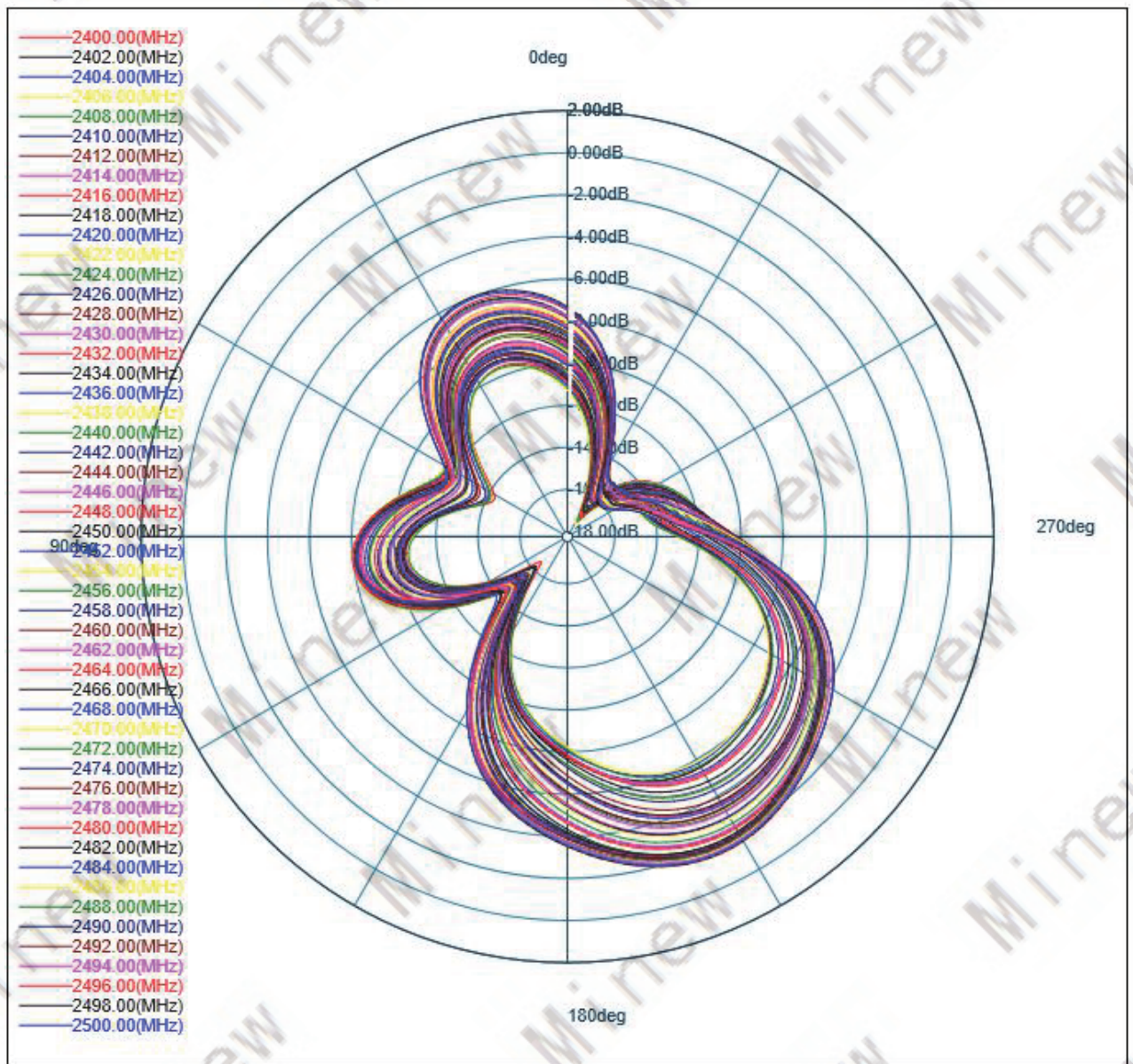


XY Plane



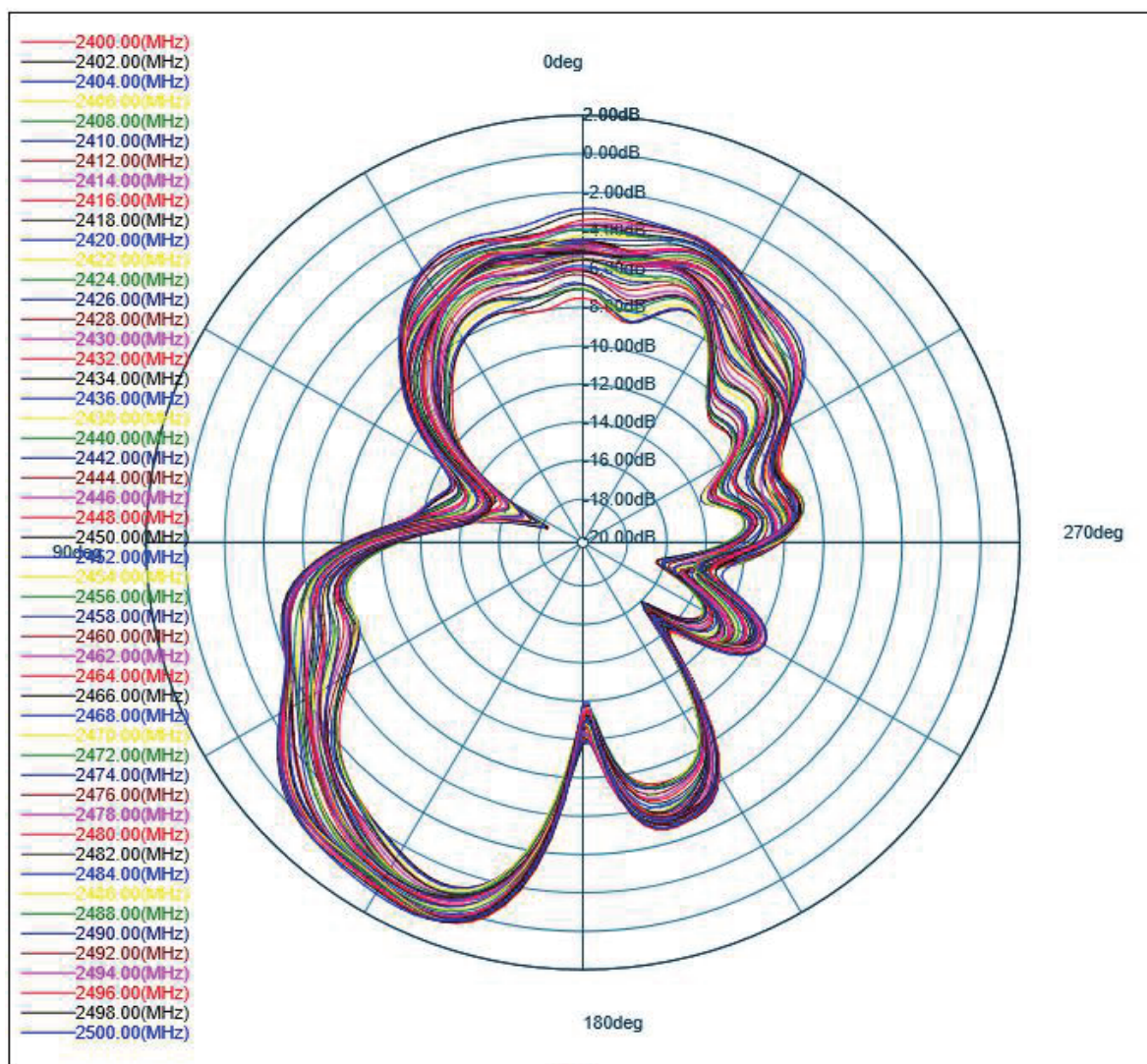
Frequency (MHz)	2400	2402	2404	2406	2408	2410	2412	2414	2416
Gain (dBi)	-1.285	-0.814	-0.588	-0.547	-0.532	-0.514	-0.508	-0.547	-0.475
Frequency (MHz)	2418	2420	2422	2424	2426	2428	2430	2432	2434
Gain (dBi)	-0.465	-0.421	-0.568	-0.358	-0.325	-0.314	-0.288	-0.125	-0.085
Frequency (MHz)	2436	2438	2440	2442	2444	2446	2448	2450	2452
Gain (dBi)	-0.047	-0.042	-0.036	-0.014	0.087	0.146	0.254	0.338	0.289
Frequency (MHz)	2454	2456	2458	2460	2462	2464	2466	2468	2470
Gain (dBi)	0.145	0.147	0.258	0.147	-1.245	-1.365	-1.258	-2.031	-2.258
Frequency (MHz)	2472	2474	2476	2478	2480	2482	2484	2486	2488
Gain (dBi)	-2.400	-2.478	-2.415	-2.369	-2.457	-2.365	-2.471	-2.365	-3.002
Frequency (MHz)	2500								
Gain (dBi)	-3.124								

XZ Plane



Frequency (MHz)	2400	2402	2404	2406	2408	2410	2412	2414	2416
Gain (dBi)	-2.145	-2.457	-2.569	-1.478	-1.587	-1.698	-1.540	-1.654	-1.742
Frequency (MHz)	2418	2420	2422	2424	2426	2428	2430	2432	2434
Gain (dBi)	-2.114	-2.025	-1.897	-1.547	-0.896	-0.589	-0.789	-1.258	-1.336
Frequency (MHz)	2436	2438	2440	2442	2444	2446	2448	2450	2452
Gain (dBi)	-1.347	-1.256	-1.547	-1.598	-2.145	-2.156	-2.247	-2.369	-2.345
Frequency (MHz)	2454	2456	2458	2460	2462	2464	2466	2468	2470
Gain (dBi)	-2.478	-2.415	-2.587	-2.698	-2.741	-3.125	-3.226	-3.477	-2.258
Frequency (MHz)	2472	2474	2476	2478	2480	2482	2484	2486	2488
Gain (dBi)	-2.874	-2.846	-2.156	-3.03	-3.560	-2.478	-2.869	-2.459	-3.221
Frequency (MHz)	2500								
Gain (dBi)	-3.226								

YZ Plane



Frequency (MHz)	2400	2402	2404	2406	2408	2410	2412	2414	2416
Gain (dBi)	-1.857	-1.687	-1.579	-1.632	-1.647	-1.644	-1.769	-1.545	-1.658
Frequency (MHz)	2418	2420	2422	2424	2426	2428	2430	2432	2434
Gain (dBi)	-1.325	-1.112	-0.985	-0.574	-0.344	-0.256	-0.441	-0.033	-0.123
Frequency (MHz)	2436	2438	2440	2442	2444	2446	2448	2450	2452
Gain (dBi)	-0.145	0.025	0.124	0.268	0.241	0.223	0.125	0.069	-0.012
Frequency (MHz)	2454	2456	2458	2460	2462	2464	2466	2468	2470
Gain (dBi)	-0.134	-0.152	-0.452	-0.523	-0.269	-1.025	-1.254	-1.058	-1.332
Frequency (MHz)	2472	2474	2476	2478	2480	2482	2484	2486	2488
Gain (dBi)	-1.441	-1.521	-1.785	-2.03	-2.369	-2.448	-2.547	-3.02	-3.156
Frequency (MHz)	2500								
Gain (dBi)	-3.215								