

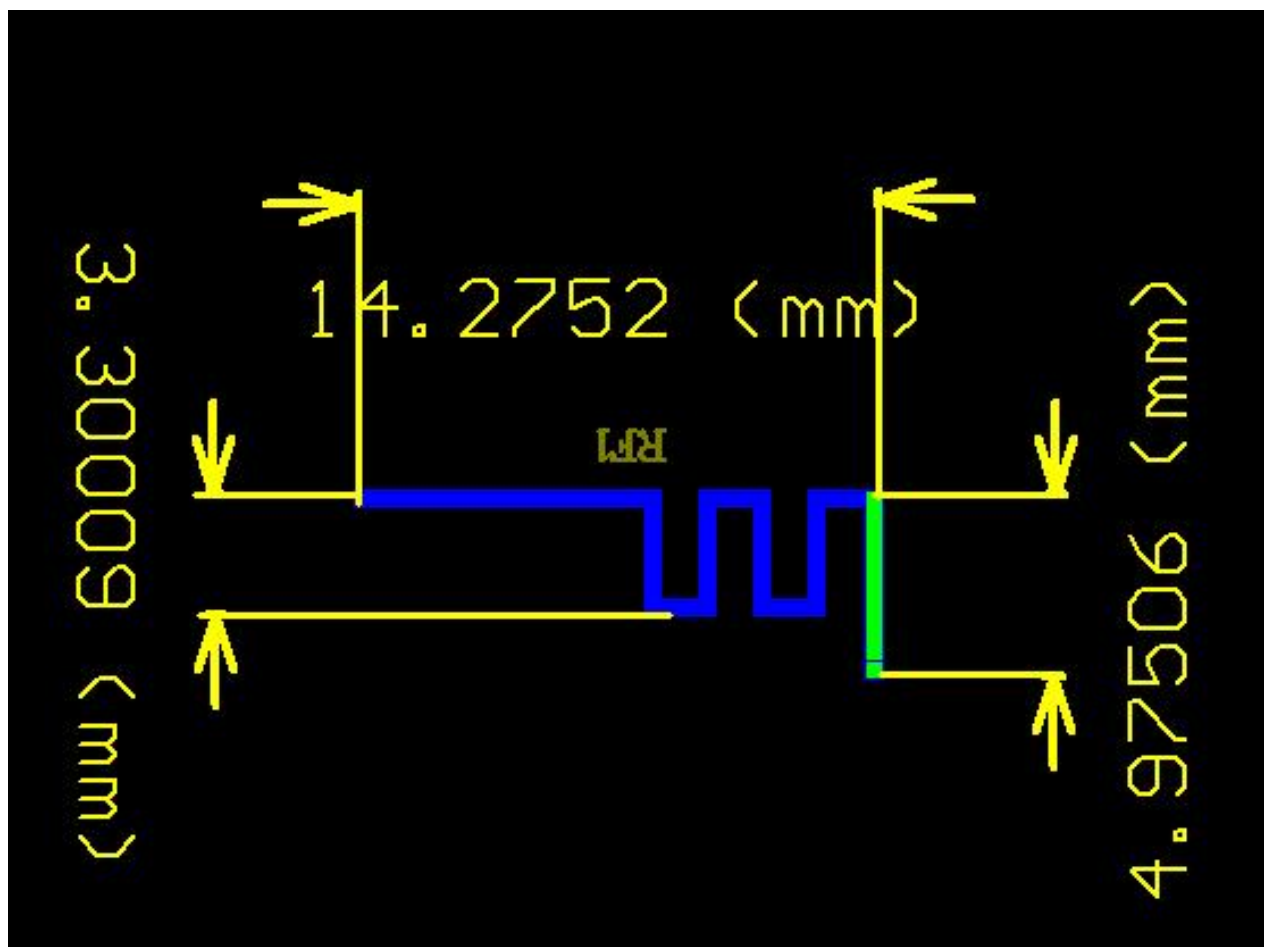
1、技术指标 (Technical Specification)

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）	-

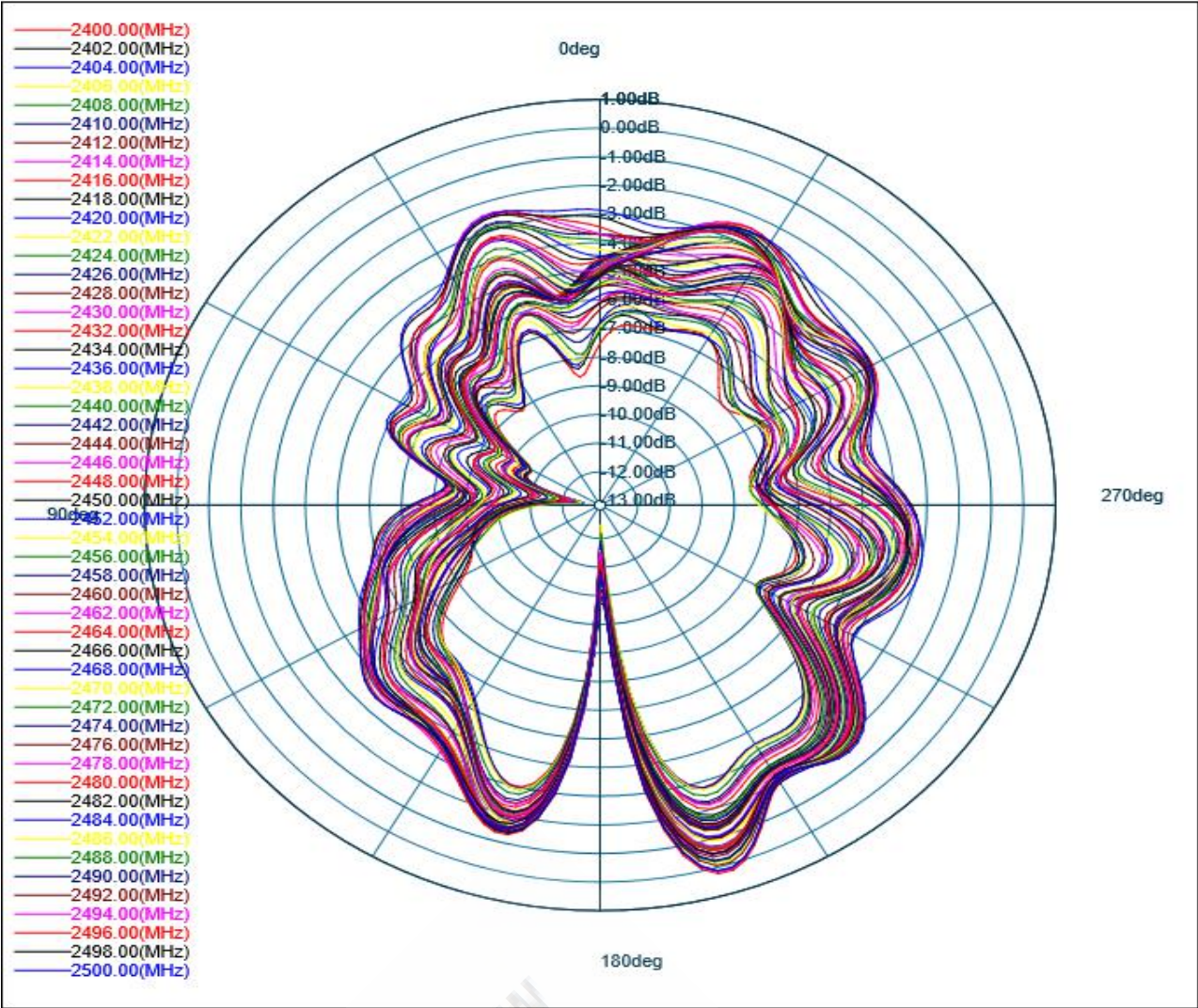
Manufacturer: Huizhou Huami Intelligent Technology Co., Ltd.

Address: Building 5, Huami Intelligent Technology Co.,Ltd., Shengfeng Group (Huizhou) Industrial Park, Boluo County, Huizhou City, Guangdong Province, China

2. 天线尺寸 Antenna size

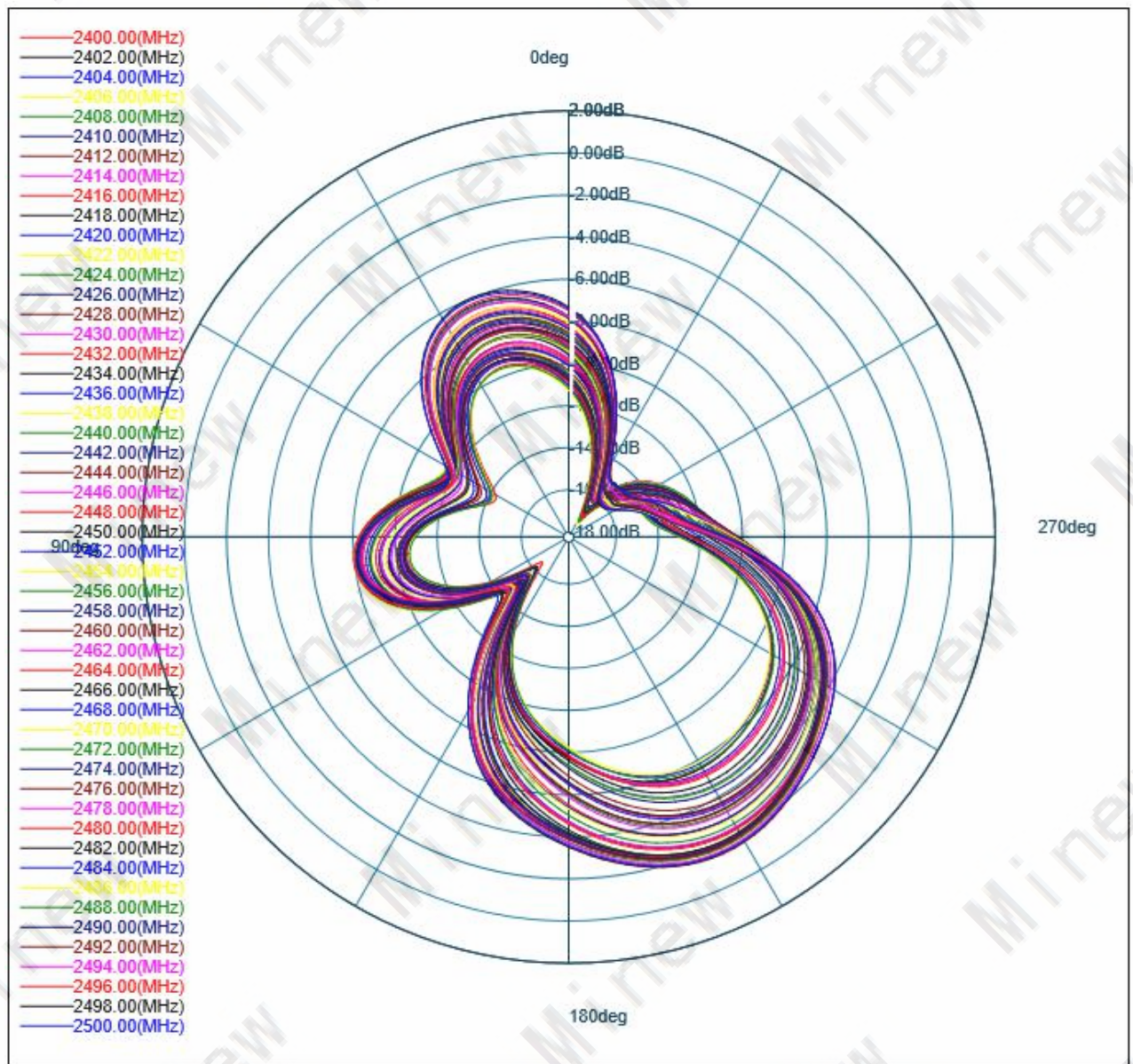


XY Plane



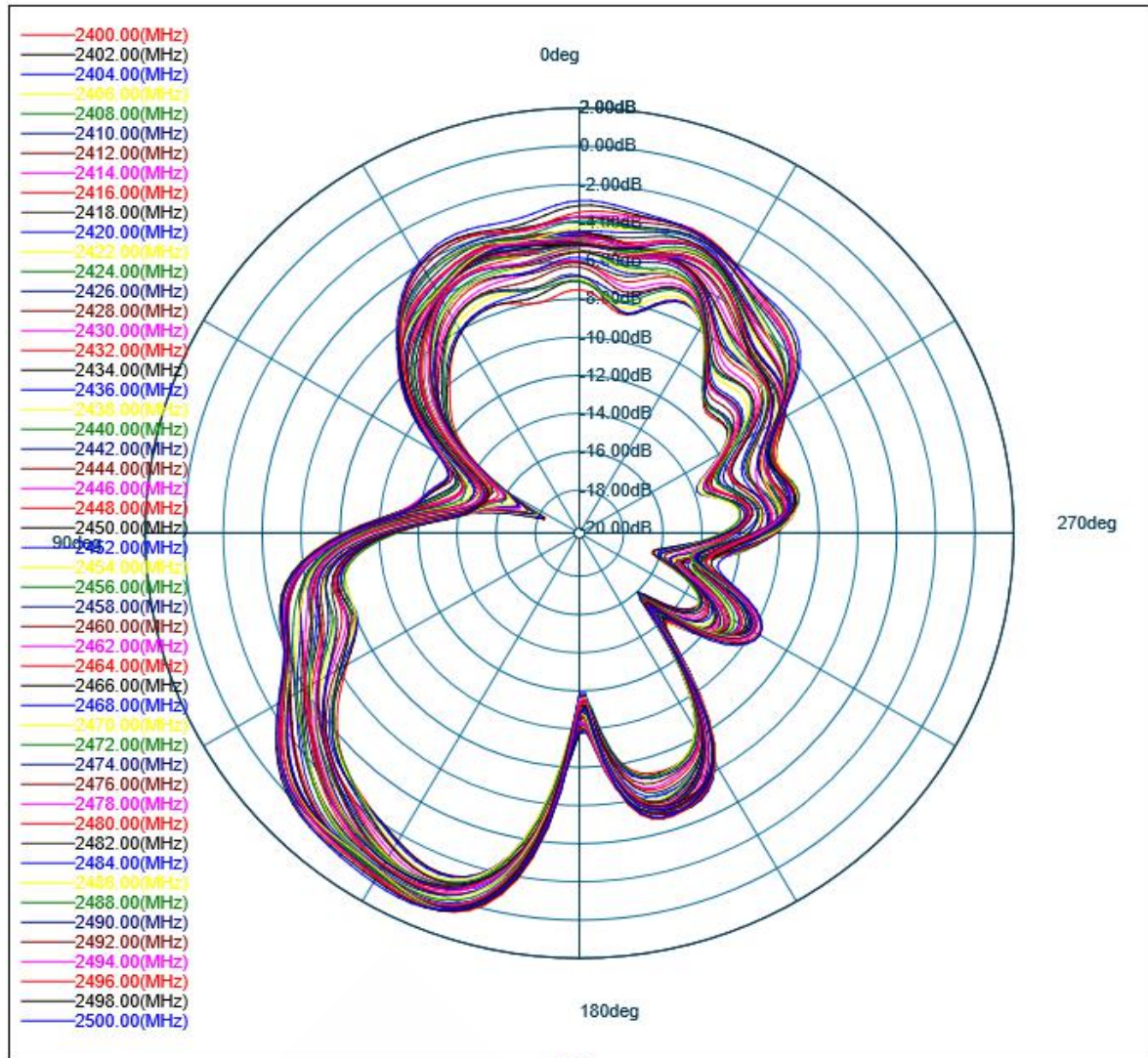
Frequency (MHz)	2400	2402	2404	2406	2408	2410	2412	2414	2416
Gain (dBi)	-1.285	-0.814	-0.588	-0.547	-0.532	-0.514	-0.508	-0.547	-0.475
Frequency (MHz)	2418	2420	2422	2424	2426	2428	2430	2432	2434
Gain (dBi)	-0.465	-0.421	-0.568	-0.358	-0.325	-0.314	-0.288	-0.125	-0.085
Frequency (MHz)	2436	2438	2440	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								