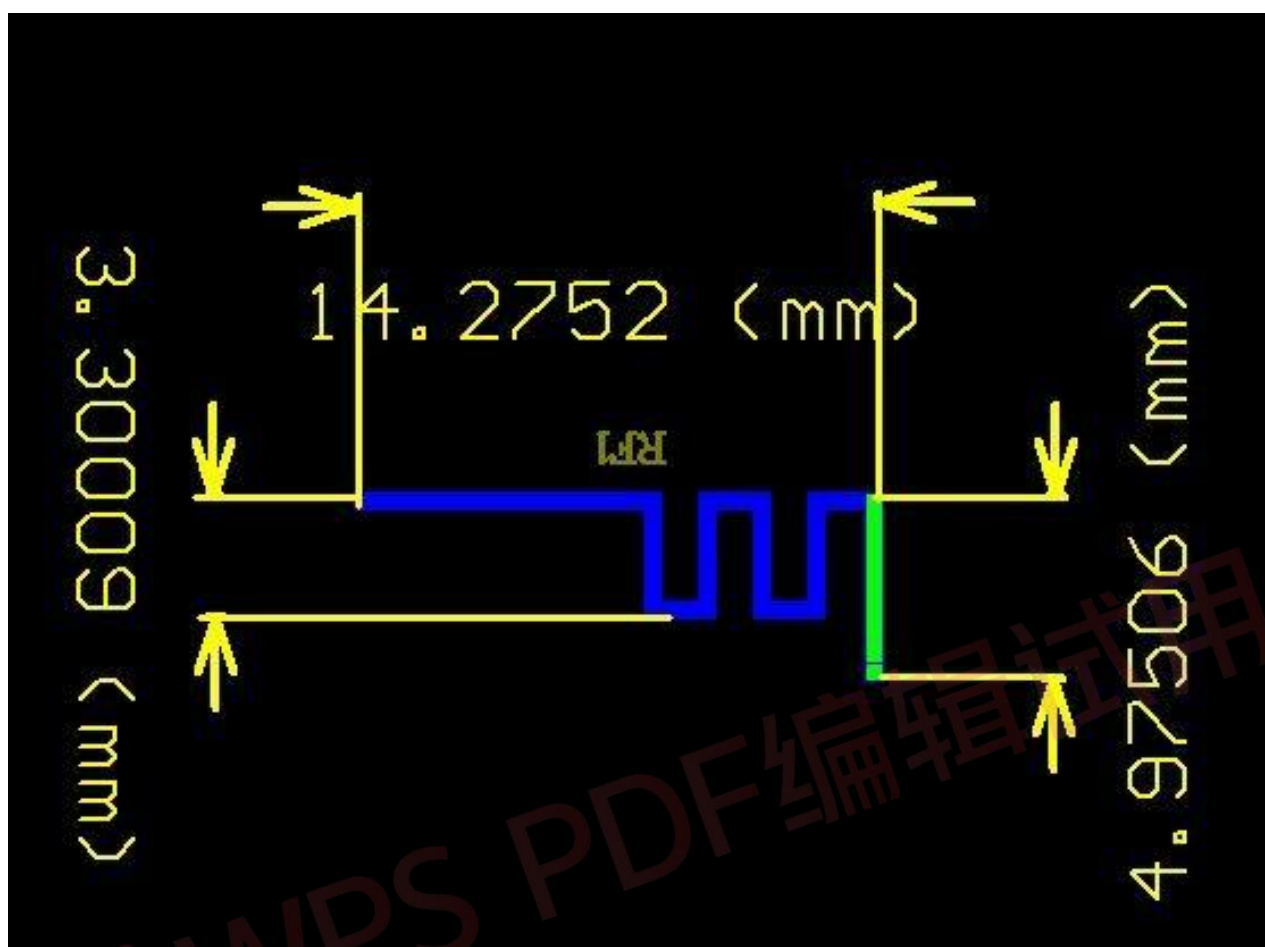


深圳市黑爵同创电子科技有限公司 Shenzhen Ajazz Tongchuang Electronic Technology Co., Ltd.
地址: 深圳市光明区凤凰街道东坑社区科能路中集低轨卫星物联网产业园A座2104-1
2104-1, Block A, CIMC Low Orbit Satellite Internet of Things Industrial Park, Dongkeng Community, Fenghuang Street,
Guangming District, Shenzhen

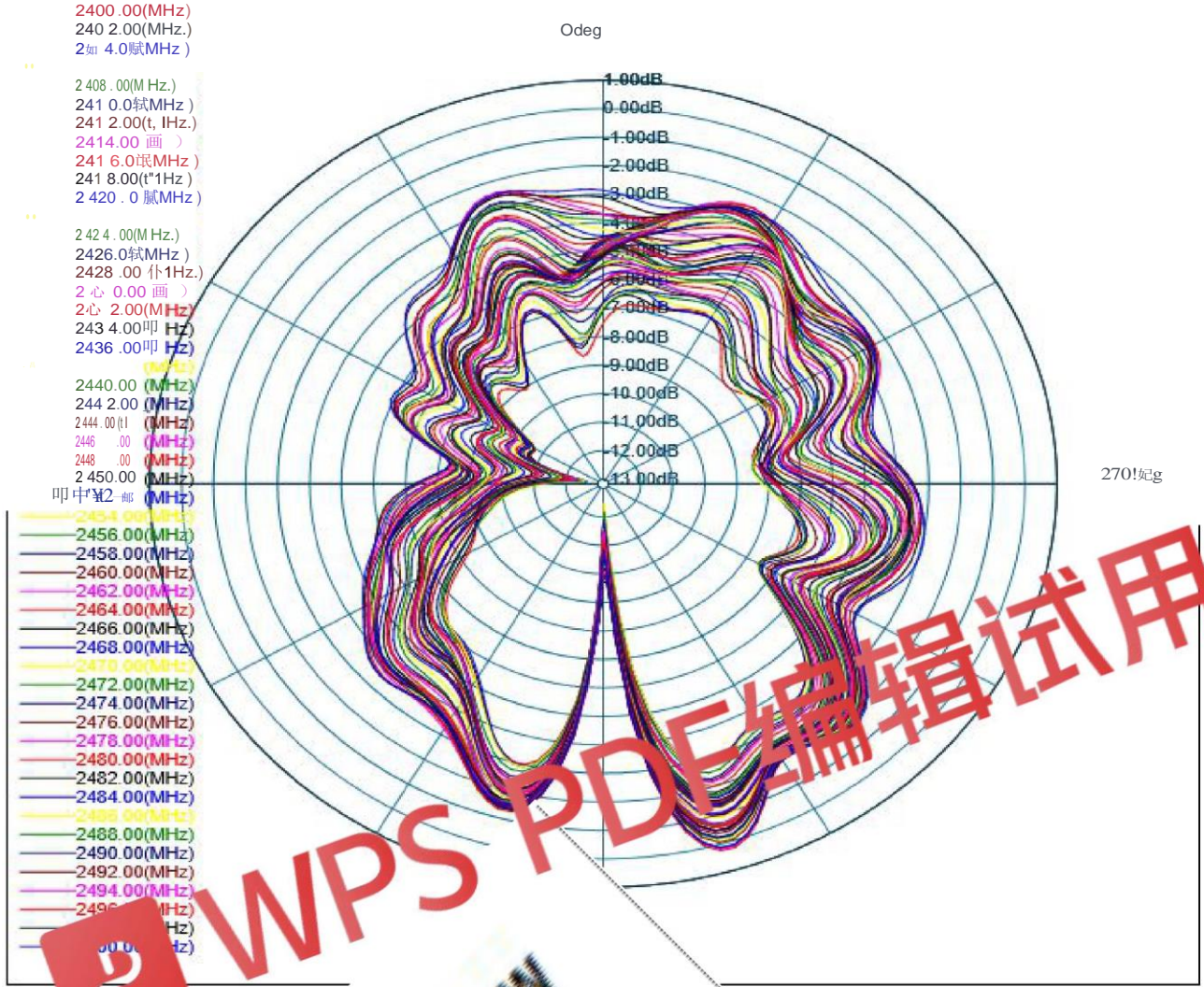
1、技术指标 (Technical Specification)

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 ($^{\circ}\text{C}$)	-40~85
存储温度 Storage Temperature ($^{\circ}\text{C}$)	-40~125
外壳颜色 Radome Color	-沉金Immersion gold
重量 Weight (g)	-
天线类型 Antenna type	PCB

2. 天线尺寸 Antenna size



XV Plane



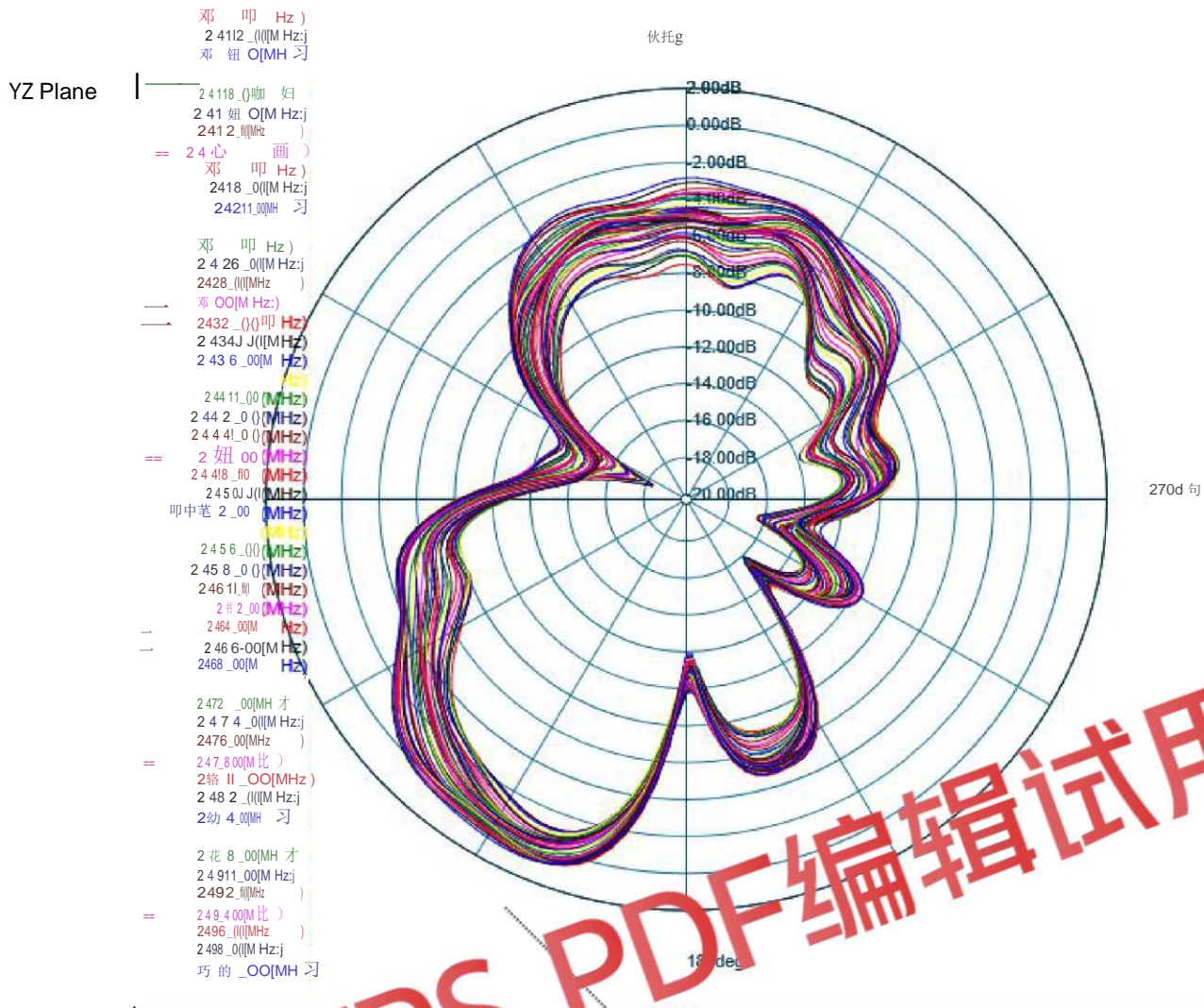
Frequency (MHz)	2.400	2.402	2.404	2.406	2.408	2.410	2.412	2.414	2.416
Gain (dB)	-1.285	-0.814	-0.588	-0.547	-0.532	-0.514	-0.508	-0.547	-0.475
Frequency (MHz)	2.418	2.420	2.422	2.424	2.426	2.428	2.430	2.432	2.434
Gain (dB)	-0.465	-0.421	-0.358	-0.358	-0.325	-0.314	-0.288	-0.125	-0.085
Frequency (MHz)	2.436	2.438	2.440	2.442	2.444	2.446	2.448	2.450	2.452
Gain (dB)	-0.047	-0.042	-0.036	-0.014	0.087	0.146	0.204	0.338	0.289
Frequency (MHz)	2.454	2.456	2.458	2.460	2.462	2.464	2.466	2.468	2.470
Gain (dB)	0.145	0.147	0.258	0.147	-1.245	-1.365	-1.258	-2.031	-2.258
Frequency (MHz)	2.472	2.474	2.476	2.478	2.480	2.482	2.484	2.486	2.488
Gain (dB)	-2.400	-2.478	-2.415	-2.309	-2.457	-2.365	-2.471	-2.355	-3.002
Frequency (MHz)	2.490	2.492	2.494	2.496	2.498	2.500			
Gain (dB)									



WPS PDF编辑试用

Frequency (MHz)	2400	2402	2404	2406	2408	2410	2412	2414	2416
Gain (dBi)	-2.145	-2.457	-2.5(19)	-1.478	-1.587	-1.198	-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	2445	2448	2450	2452
Gain (dBi)	-1.347	-1.256	-1.547	-1.598	-2.145	-2.156	-2.247	-2.319	-2.345
Frequency (MHz)	2454	2455	2458	2460	2452	2454	2456	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	2485	2488
Gain (dBi)	-2.874	-2.846	-2.156	-3.03	-3.5610	-2.478	-2.578	-2.459	-3.221
Frequency (MHz)	2500								
Gain (dBi)	-3.225								

八个



Frequency (MHz)	2.400	2.402	2.404	2.405	2.408	2.410	2.412	2.414	2.415
Gain (dBi)	-1.857	-1.687	-1.579	-1.532	-1.印了	-1.644	-1.7的	-1.545	-1.658
Frequency (MHz)	2.418	2.420	2.422	2.424	2.426	2.428	2.430	2.432	2.434
Gain (dBi)	-1.325	-1.111	-0.985	-0.5了4	-0.344	-0.255	-0.441	-0.03-3	-0.123
Frequency (MHz)	2.435	2.438	2.440	2.442	2.444	2.445	2.448	2.450	2.452
Gain (dBi)	-0.145	0.025	0.124	0.268	0.241	0.223	0.125	0.0119	-0.012
Frequency (MHz)	2.454	2.456	2.458	2.4印	2.461	2.454	2.466	2.458	2.470
Gain (dBi)	-0.134	-0.152	-0.452	-0.523	-0.2691	-1.025	-1.254	-1.05-8	-1332
Frequency (MHz)	2.4了2	2.474	2.4了5	2.4了8	2.480	2.482	2.484	2.486	2.488
Gain (dBi)	-1.441	-1.521	-1.了85	-2.03	-2.369	-2.448	-2.54了	-3.02	-3.156
Frequency (MHz)	2500								
Gain (dBi)	-3.215								