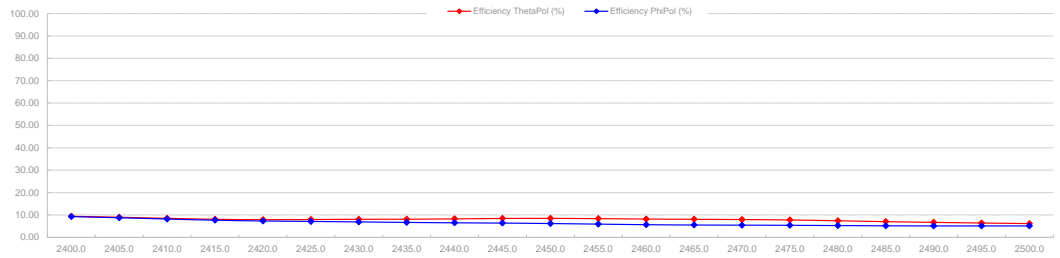
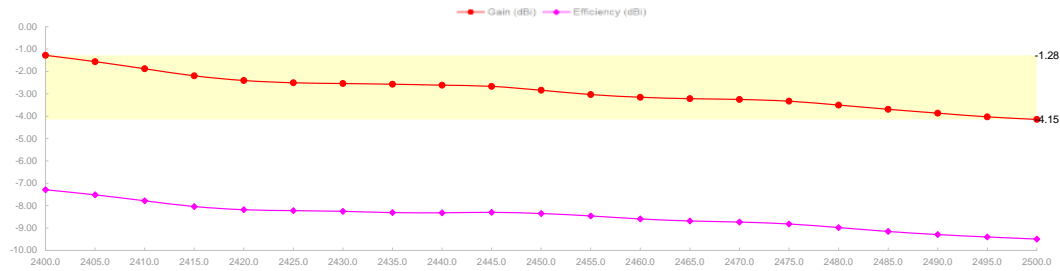
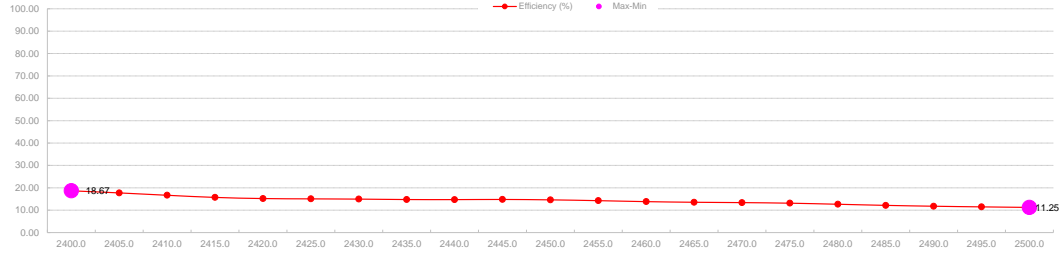
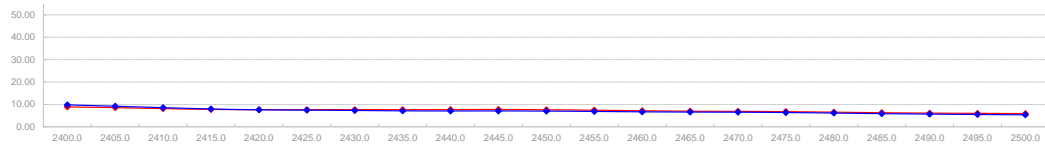




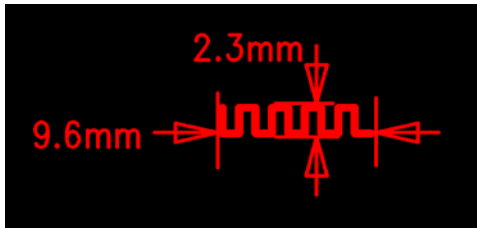
深圳市红心电子科技有限公司

| Frequency ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Efficiency (dBi) | -3.69 | -3.60 | -3.63 | -3.75 | -4.10 | -4.42 | -4.89 | -5.15 | -5.56 | -5.80 | -6.19 |
| Gain (dBi) | 0.23 | 0.37 | 0.31 | 0.01 | -0.53 | -0.92 | -1.32 | -1.34 | -1.61 | -1.76 | -2.26 |
| Efficiency (%) | 42.72 | 43.67 | 43.40 | 42.18 | 38.90 | 36.10 | 32.41 | 30.53 | 27.81 | 26.29 | 24.05 |
| Directivity (dB) | 3.92 | 3.97 | 3.93 | 3.75 | 3.57 | 3.51 | 3.57 | 3.81 | 3.94 | 4.04 | 3.93 |
| Peak Gain Position (Theta) | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 | 120.00 |
| Peak Gain Position (Phi) | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 | 270.00 |
| Efficiency ThetaPol (%) | 27.91 | 28.63 | 28.58 | 28.09 | 26.22 | 24.45 | 21.97 | 20.62 | 18.76 | 17.73 | 16.25 |
| Efficiency PhiPol (%) | 14.81 | 15.04 | 14.82 | 14.09 | 12.68 | 11.65 | 10.44 | 9.91 | 9.05 | 8.56 | 7.80 |
| Upper Hem. Efficiency (%) | 20.33 | 20.88 | 20.77 | 20.20 | 18.54 | 17.03 | 15.10 | 14.08 | 12.74 | 11.99 | 10.95 |
| Lower Hem. Efficiency (%) | 22.39 | 22.80 | 22.63 | 21.97 | 20.37 | 19.07 | 17.32 | 16.45 | 15.07 | 14.31 | 13.09 |
| T90(H)角度 | 14.35 | 13.59 | 13.08 | 12.73 | 13.06 | 14.30 | 15.22 | 16.35 | 17.22 | 17.77 | 19.01 |
| Gain 15deg (dBi) | | | | | | | | | | | |
| E1(XZ)波瓣宽度 | 61.00 | 58.00 | 58.00 | 57.00 | 57.00 | 58.00 | 77.00 | 76.00 | 76.00 | 76.00 | 77.00 |
| E1(XZ)前后比 | 5.55 | 5.74 | 5.75 | 5.67 | 5.62 | 5.42 | 5.08 | 4.86 | 4.49 | 4.28 | 4.12 |
| E2(YZ)波瓣宽度 | 59.00 | 60.00 | 60.00 | 61.00 | 59.00 | 57.00 | 56.00 | 54.00 | 54.00 | 55.00 | 56.00 |
| E2(YZ)前后比 | 3.80 | 3.80 | 3.78 | 3.61 | 3.33 | 3.19 | 3.08 | 3.29 | 3.36 | 3.38 | 3.28 |
| 最大增益处轴比(P) | 9.77 | 9.50 | 9.23 | 8.81 | 8.49 | 8.21 | 8.00 | 7.84 | 7.67 | 7.55 | 7.59 |
| 顶点(Theta=0)处轴比(P) | 10.26 | 12.31 | 13.26 | 13.14 | 12.83 | 12.84 | 13.29 | 14.39 | 15.52 | 18.66 | 21.24 |
| 仰角10度最差(大)轴比(P) | 54.38 | 46.21 | 52.04 | 57.07 | 55.35 | 55.09 | 51.77 | 51.29 | 53.43 | 54.14 | 55.70 |
| Hc(XY)波瓣宽度 | 230.00 | 234.00 | 235.00 | 236.00 | 238.00 | 234.00 | 231.00 | 227.00 | 223.00 | 223.00 | 224.00 |
| Hc(XY)前后比 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.31 | 0.44 | 0.64 | 0.69 | 0.66 | 0.75 |
| 左旋圆极化效率(%) | 22.13 | 22.17 | 21.80 | 21.34 | 19.99 | 18.77 | 16.82 | 15.58 | 14.05 | 13.12 | 11.98 |
| 右旋圆极化效率(%) | 20.59 | 21.50 | 21.60 | 20.83 | 18.92 | 17.33 | 15.59 | 14.96 | 13.77 | 13.17 | 12.06 |

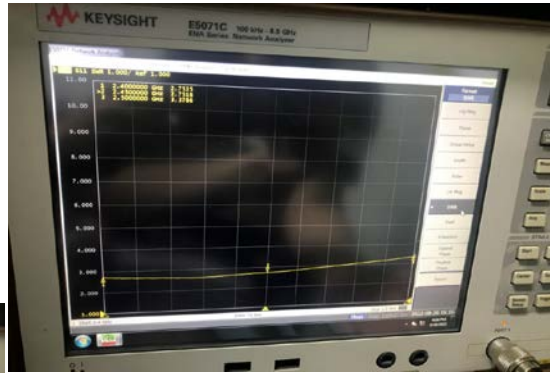




天线尺寸图



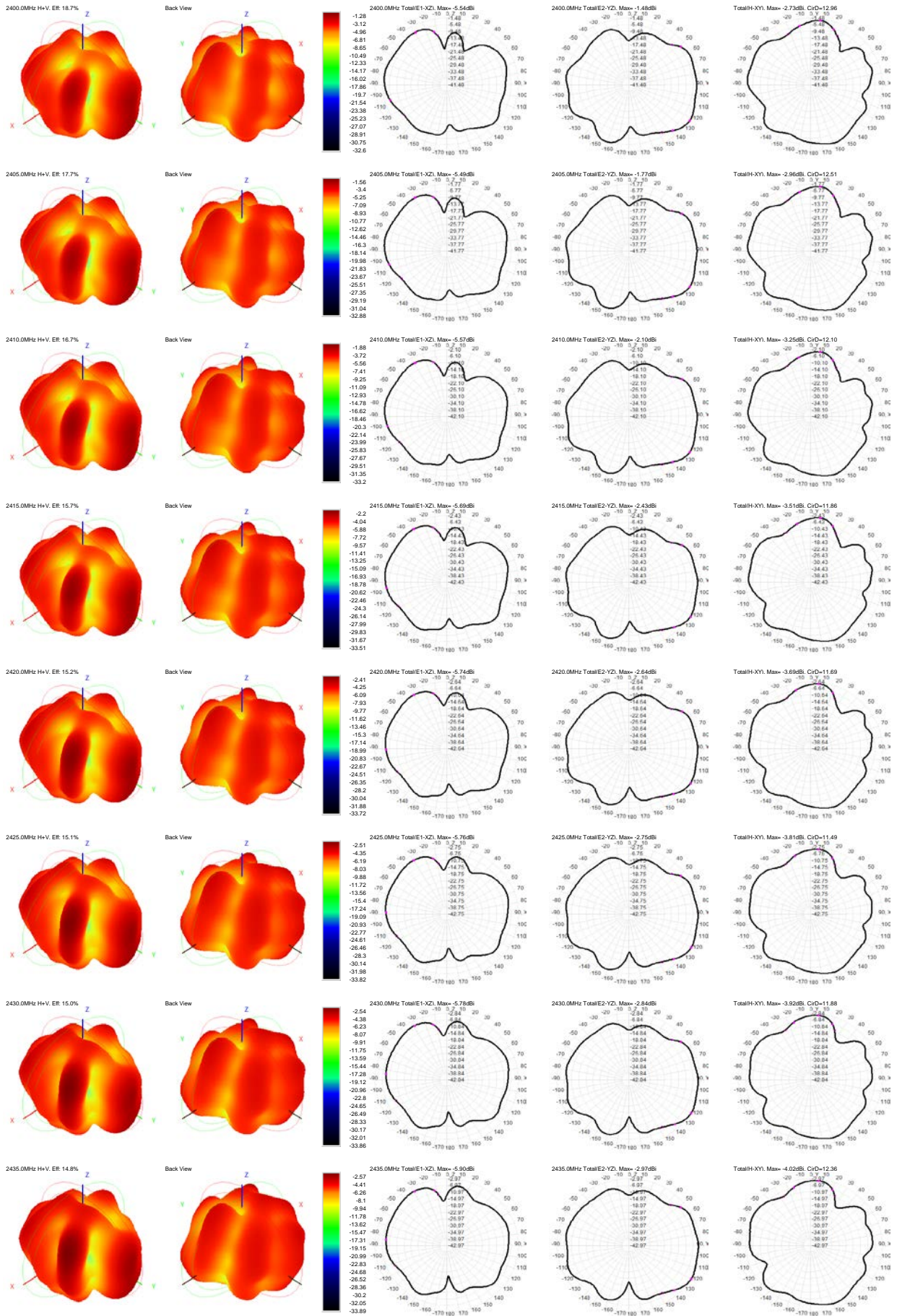
VSWR



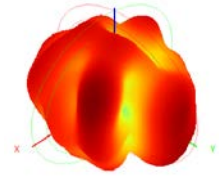
SMISH



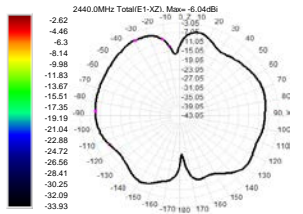
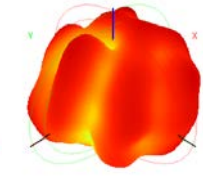
Manufacturer: Guangzhou Landtek Instruments Co., Ltd
 Address: Floor 3, Building 1, No. 9 Hailong Road, Zhongnan Street, Liwan District, Guangzhou. 510388.P.R CHINA



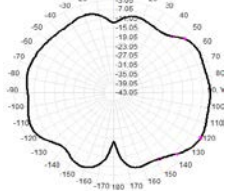
2440.0MHz H+V, ER: 14.7%



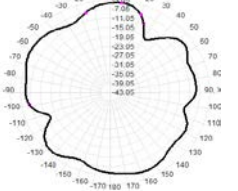
Back View



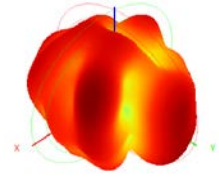
2440.0MHz Total(E2-YZ), Max=-3.05dB



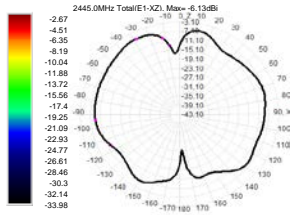
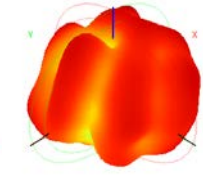
Total(H-XY), Max=-4.06dB, CrD=-12.86



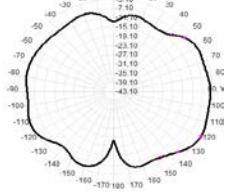
2445.0MHz H+V, ER: 14.8%



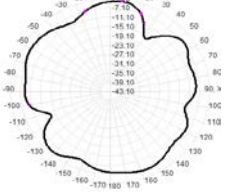
Back View



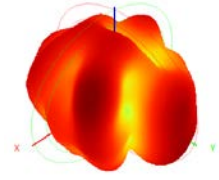
2445.0MHz Total(E2-YZ), Max=-3.10dB



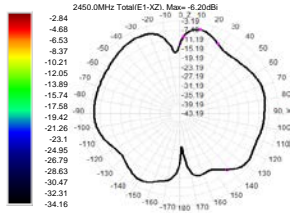
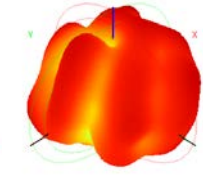
Total(H-XY), Max=-4.06dB, CrD=-13.32



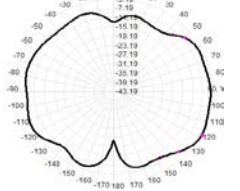
2450.0MHz H+V, ER: 14.6%



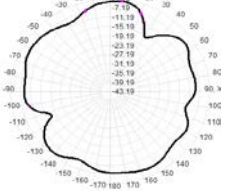
Back View



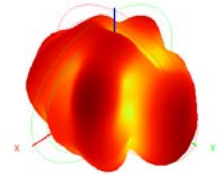
2450.0MHz Total(E2-YZ), Max=-3.19dB



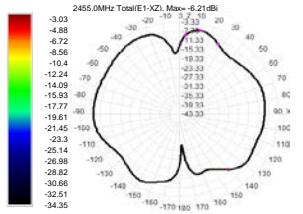
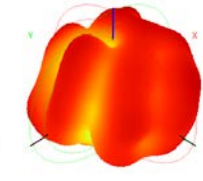
Total(H-XY), Max=-4.01dB, CrD=-13.51



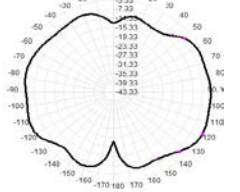
2455.0MHz H+V, ER: 14.3%



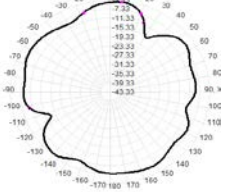
Back View



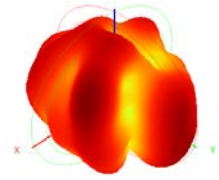
2455.0MHz Total(E2-YZ), Max=-3.33dB



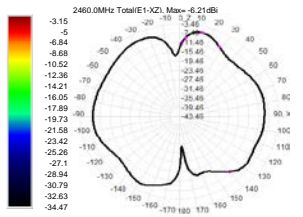
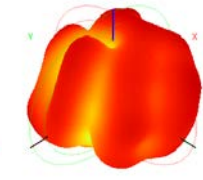
Total(H-XY), Max=-4.07dB, CrD=-13.36



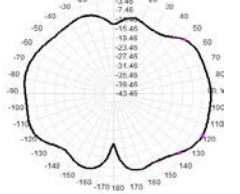
2460.0MHz H+V, ER: 13.8%



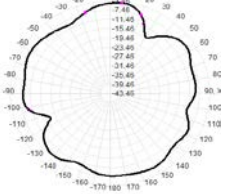
Back View



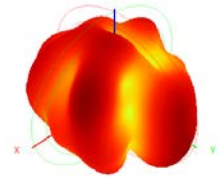
2460.0MHz Total(E2-YZ), Max=-3.48dB



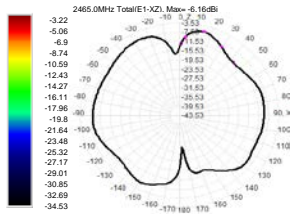
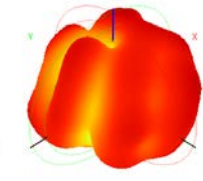
Total(H-XY), Max=-4.13dB, CrD=-13.21



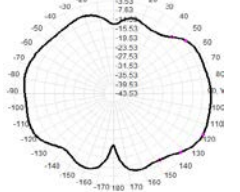
2465.0MHz H+V, ER: 13.5%



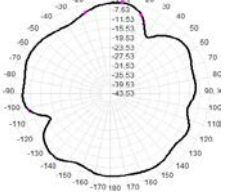
Back View



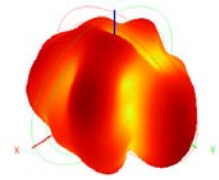
2465.0MHz Total(E2-YZ), Max=-3.53dB



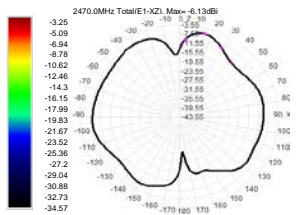
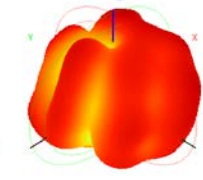
Total(H-XY), Max=-4.13dB, CrD=-13.28



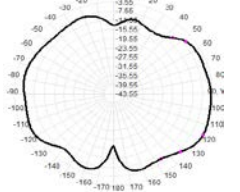
2470.0MHz H+V, ER: 13.4%



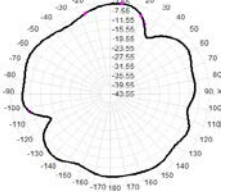
Back View



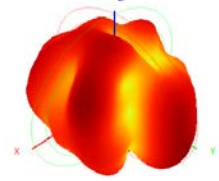
2470.0MHz Total(E2-YZ), Max=-3.55dB



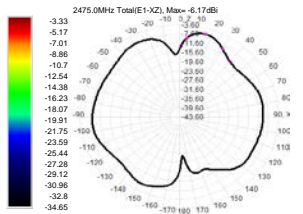
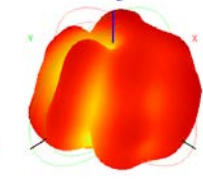
Total(H-XY), Max=-4.11dB, CrD=-13.36



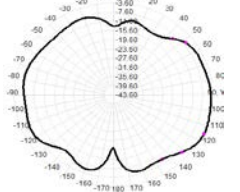
2475.0MHz H+V, ER: 13.1%



Back View



2475.0MHz Total(E2-YZ), Max=-3.60dB



Total(H-XY), Max=-4.13dB, CrD=-13.48

