



Shenzhen Hengda Communication Equipment  
Co., Ltd.

Shenzhen Shengda Communication Equipment Co.,LTD

# Specification

Specification document Customer Name

CUSTOMER NAME:

Product name

PRODUCT NAME: Small round 2.4-5.8G Antenna

Customer Document  
Number

CUSTOMER P/N: SD-YX2458-SJ400

Shengda Electronics

Material Number: SD REV: A

P/N:

|                     |                                                                |                                                             |
|---------------------|----------------------------------------------------------------|-------------------------------------------------------------|
|                     | <b>Supplier Signature</b><br><br>MANUFACTURER<br><br>SIGNATURE | <b>Customer Signature:</b><br><br>CUSTOMER<br><br>SIGNATURE |
| <b>Reviewed by:</b> |                                                                |                                                             |
| <b>Approver</b>     |                                                                |                                                             |

Address: Building 4, Hanguang Science and Technology Park, Zhangbei  
Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,  
No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

**Tel: 0755-89985492**

**Fax: 0755-89916753**

**Website:**[www.szsdtx.com](http://www.szsdtx.com)



|                 |            |             |
|-----------------|------------|-------------|
| APPROVED<br>BY: |            |             |
| Date /DATE :    | 2025/12/24 | V01 Version |

## ***Contents***

| <i><b>Item</b></i> | <i><b>Description</b></i> |
|--------------------|---------------------------|
| 1. -----           | Specification Table       |
| 2.-----            | Final Product Image       |
| 3.-----            | test report               |

Shenzhen Address: Building 4, Hanguang Science and Technology Park,  
Zhangbei Chuangye 4th Road, Ailian Community, Longgang District,  
Shenzhen Dongguan Address: 16th Floor, Building 1, Urban Intelligence  
Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang  
Town, Dongguan 01  
Tel: 0755-89985492  
Fax: 0755-89916753  
Website:www.szsdtx.com

## 1. 1 Specification Table:

Main Technical Specifications of the Product

| The key technical indexes             |                                               | Main technical specifications |                                               |
|---------------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------------------|
| Frequency range (MHz)                 | 2400-2500/5150-5850                           | Frequency Range (MHZ)         | 2400-2500/5150-5850                           |
| Characteristic impedance ( $\Omega$ ) | 50                                            | Impedance( $\Omega$ )         | 50                                            |
| Peak gain (dBi)                       | 2400-2500 $\leq$ 3.3<br>5150-5850 $\leq$ 3.68 | Gain(dBi)                     | 2400-2500 $\leq$ 3.3<br>5150-5850 $\leq$ 3.68 |
| Voltage standing-wave ratio           | 2400-2500 $\leq$ 3.0<br>5150-5850 $\leq$ 2.5  | VSWR                          | 2400-2500 $\leq$ 3.0 5150-5850 $\leq$ 2.5     |
| Cable length (mm)                     | 400 $\pm$ 10                                  | Line L Length                 | 400 $\pm$ 10                                  |
| Cable Specifications                  | RG174                                         | Cable specification           | RG174                                         |
| Antenna size (mm)                     | 46*18 ( $\pm$ 2 )                             | Antenna Size                  | 46*18 ( $\pm$ 2 )                             |

Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

Fax: 0755-89916753



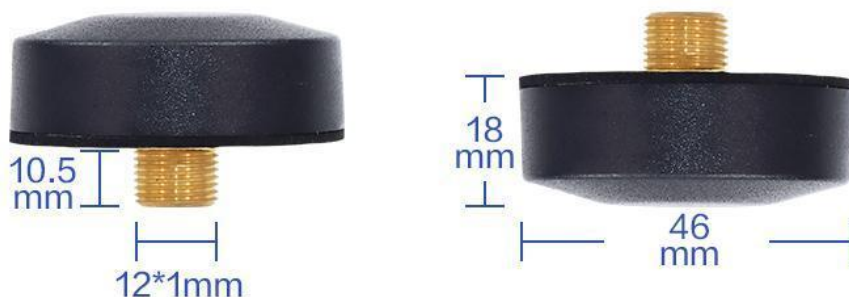
Shenzhen Shengda Communication Equipment  
Co.

---

Website: [www.szsdtx.com](http://www.szsdtx.com)

|                       |                                     |                     |           |
|-----------------------|-------------------------------------|---------------------|-----------|
|                       |                                     | (mm)                |           |
| Polarization Method   | Perpendicular                       | Polarization        | Vertical  |
| Connection Method     | SMA public header and public needle | Connector Type      | SMA-J     |
| Physical property     |                                     | Physical Properties |           |
| Antenna body material | ABS                                 | Antenna Base        | ABS       |
| Working temperature   | -40℃~+75℃                           | Operating Temp      | -40℃~+75℃ |

## 2. Product Picture



Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



### 3. Test Report

3.1 The network analyzer tests the typical VSWR.

2.4-5.8G (2400-2500Mhz/5150-5850Mhz) :

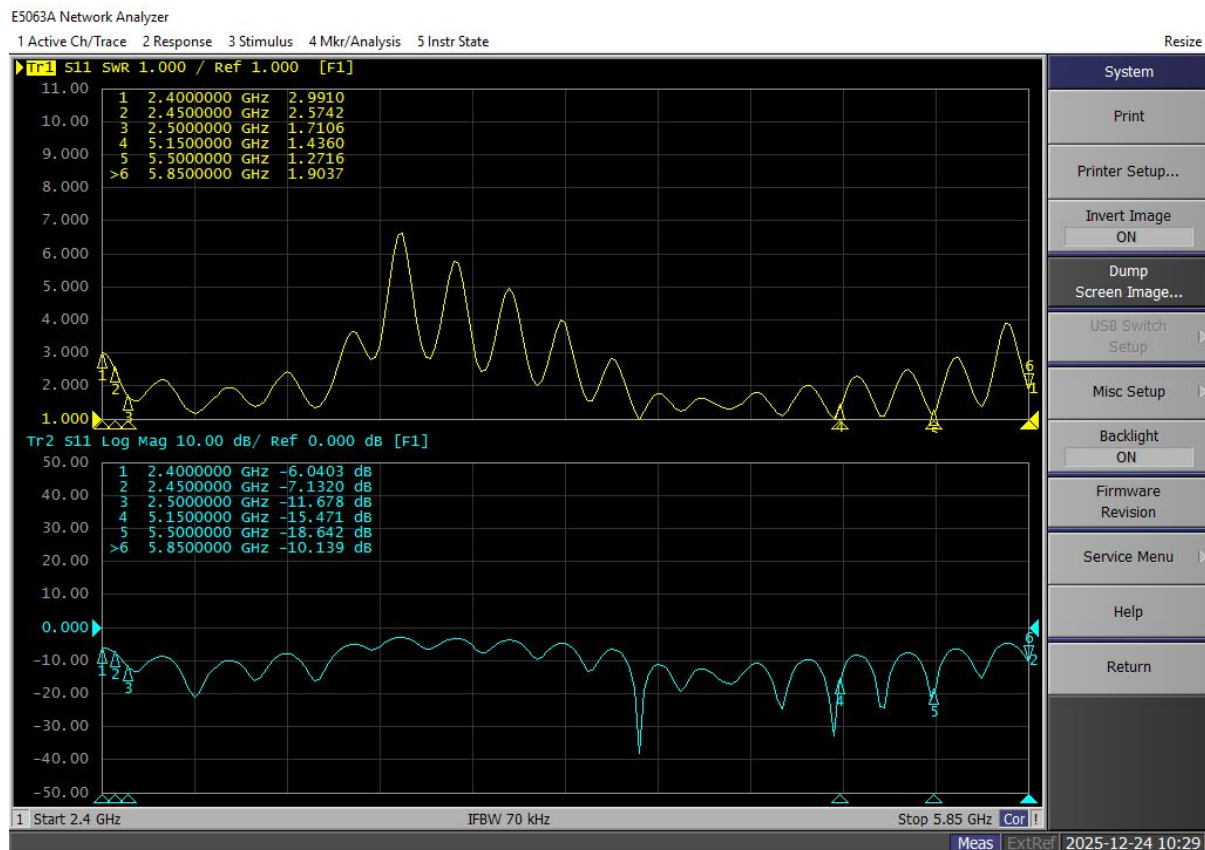
Address: Building 4, Hanguang Science and Technology Park, Zhangbei  
Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,  
No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



### 3.2. Darkroom 2D,3D Radiation Pattern

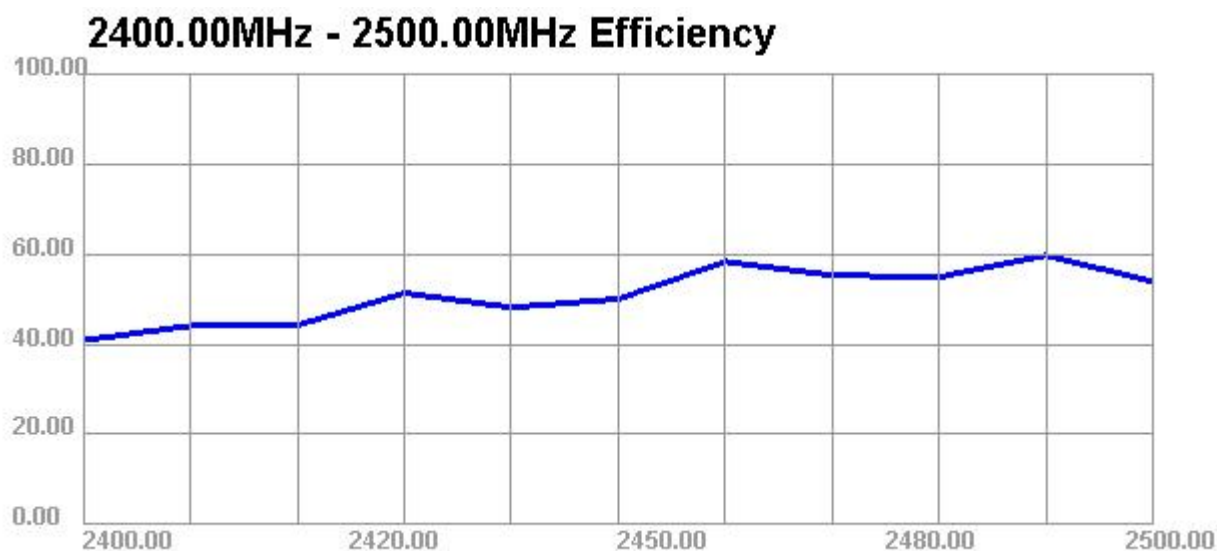
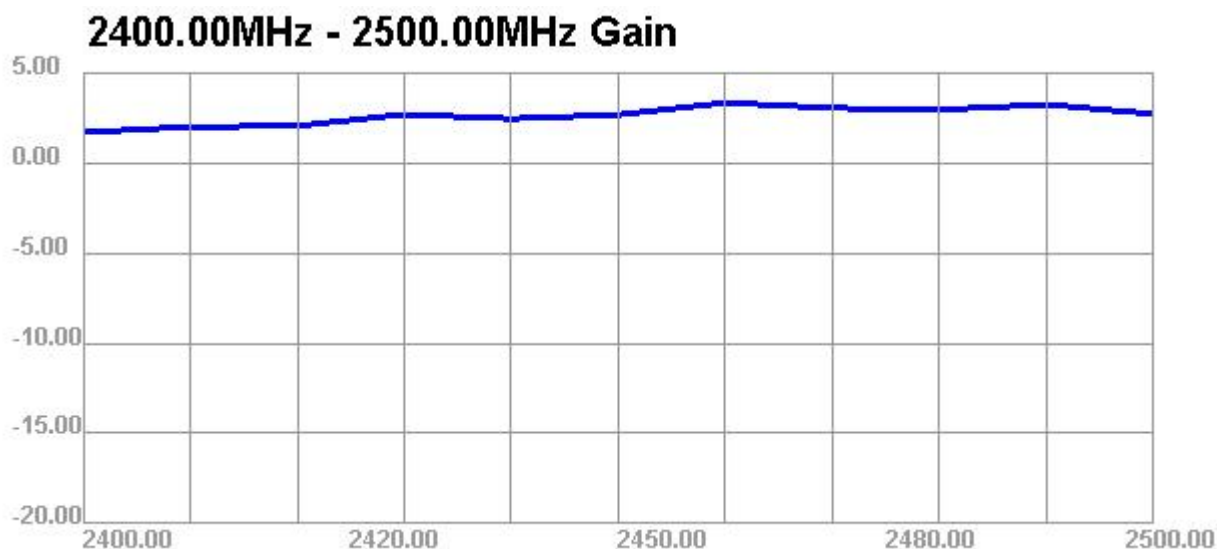
Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



Address: Building 4, Hanguang Science and Technology Park, Zhangbei  
Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,  
No.19 Jinteng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

Passive Test For 2.4G

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) | Gain<br>(dBd) | UHS<br>(%) | DHS<br>(%) | Max<br>(dB) | Min<br>(dB) | Directivity<br>(dBi) | Beamwidth<br>(3dB) | HNrd<br>(dB) | AttH<br>(dB) | AttV<br>(dB) |
|---------------|-------------|--------------|---------------|---------------|------------|------------|-------------|-------------|----------------------|--------------------|--------------|--------------|--------------|
| 2400          | 40.88       | -3.88        | 1.69          | -0.46         | 17.138     | 23.746     | 1.69        | -18.87      | 5.58                 | 15                 | 13.95        | 45.93        | 45.59        |
| 2410          | 44.1        | -3.56        | 2.01          | -0.14         | 18.633     | 25.471     | 2.01        | -18.02      | 5.57                 | 45                 | 13.65        | 45.77        | 45.58        |
| 2420          | 44.22       | -3.54        | 2.05          | -0.1          | 18.799     | 25.421     | 2.05        | -18.46      | 5.6                  | 45                 | 13.17        | 45.88        | 45.74        |
| 2430          | 51.38       | -2.89        | 2.7           | 0.55          | 22.014     | 29.361     | 2.7         | -19.32      | 5.59                 | 45                 | 13.01        | 45.87        | 45.71        |
| 2440          | 48.17       | -3.17        | 2.46          | 0.31          | 20.846     | 27.324     | 2.46        | -22.02      | 5.63                 | 45                 | 13.09        | 45.89        | 45.74        |
| 2450          | 50.05       | -3.01        | 2.68          | 0.53          | 21.95      | 28.096     | 2.68        | -25.89      | 5.68                 | 45                 | 12.92        | 45.88        | 45.79        |
| 2460          | 58.33       | -2.34        | 3.34          | 1.19          | 25.922     | 32.406     | 3.34        | -27.07      | 5.69                 | 45                 | 12.42        | 46.12        | 46.03        |
| 2470          | 55.3        | -2.57        | 3.05          | 0.9           | 24.842     | 30.462     | 3.05        | -25.38      | 5.62                 | 45                 | 11.77        | 45.96        | 45.8         |
| 2480          | 54.92       | -2.6         | 2.95          | 0.8           | 24.84      | 30.08      | 2.95        | -24.17      | 5.56                 | 45                 | 11.81        | 45.97        | 45.85        |
| 2490          | 59.72       | -2.24        | 3.24          | 1.09          | 27.143     | 32.582     | 3.24        | -23.38      | 5.48                 | 45                 | 11.72        | 46.05        | 45.91        |
| 2500          | 53.86       | -2.69        | 2.72          | 0.57          | 24.63      | 29.229     | 2.72        | -23.49      | 5.41                 | 45                 | 11.41        | 45.95        | 45.87        |

Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

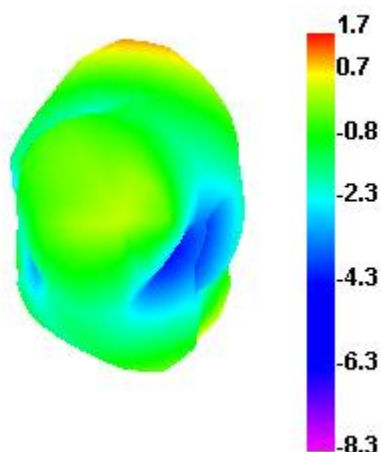
Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

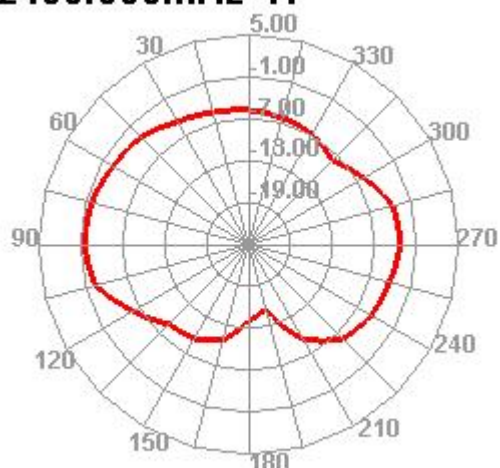
Fax: 0755-89916753

Website:www.szsdtx.com

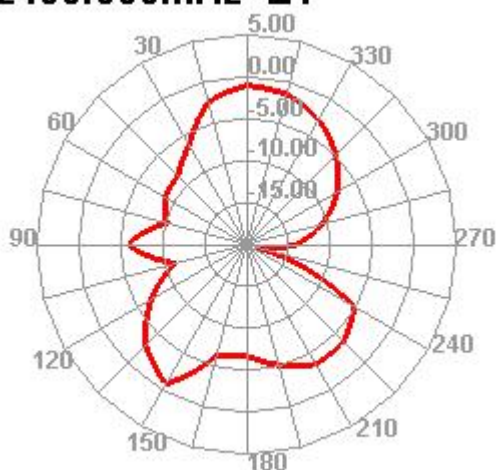
2400.000MHz



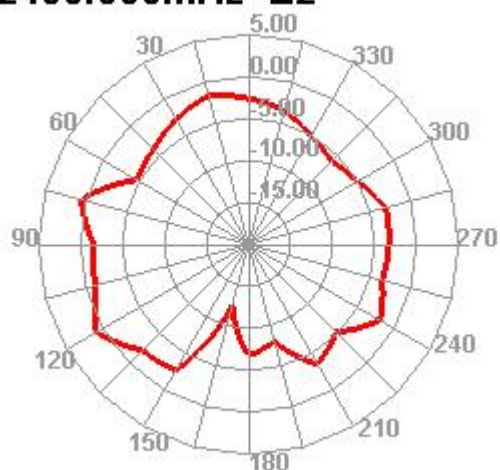
2400.000MHz H



2400.000MHz E1



2400.000MHz E2



Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

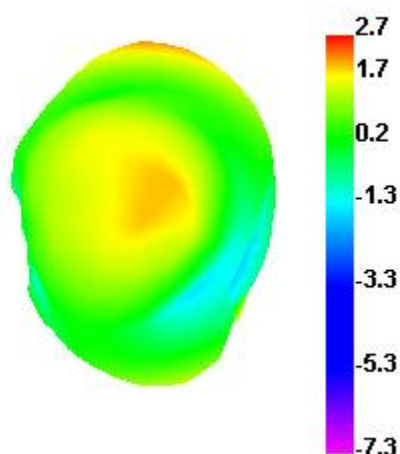
Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

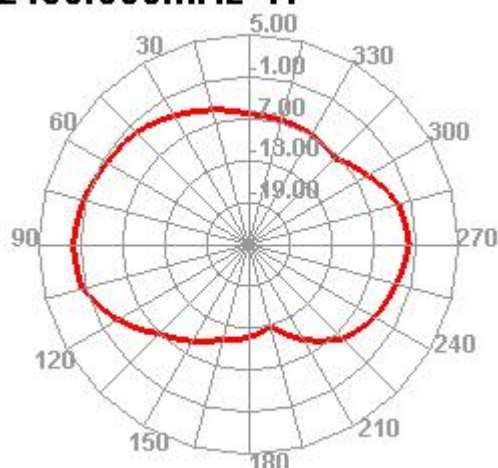
Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

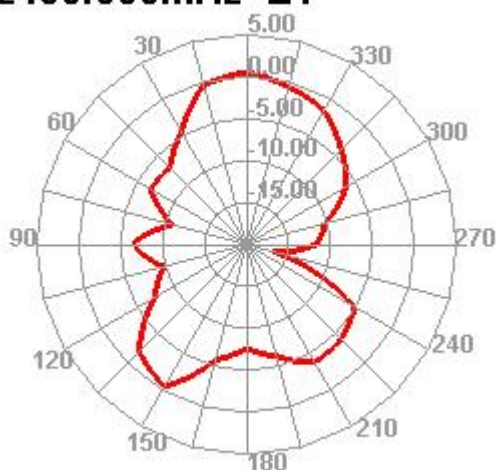
2450.000MHz



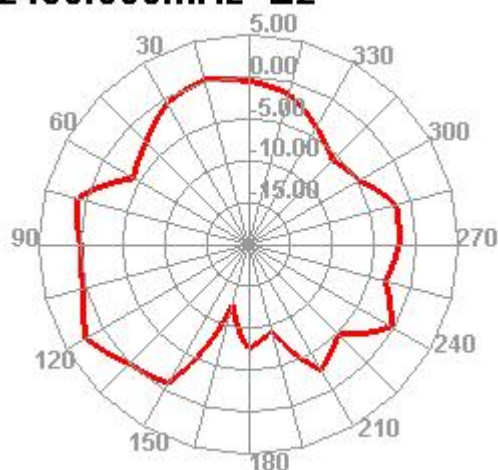
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

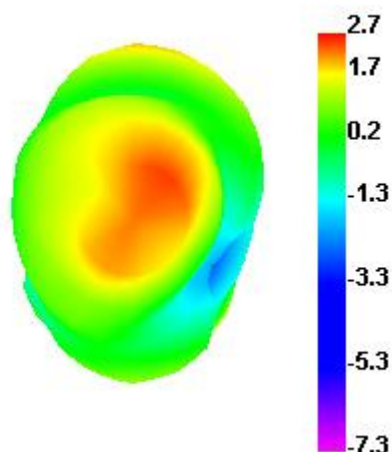
Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

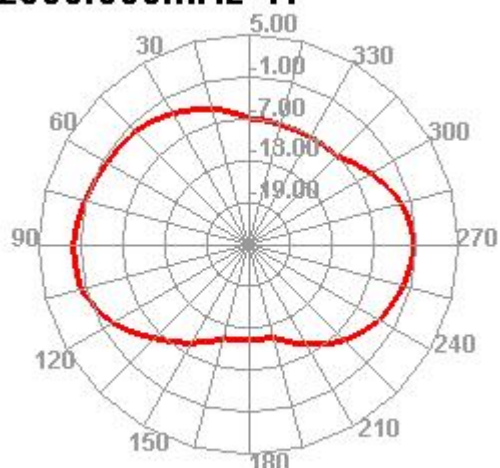
Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

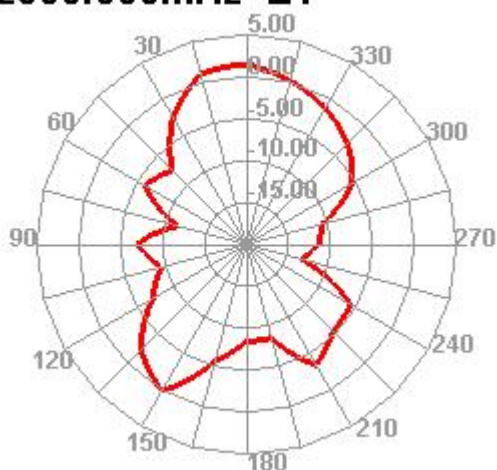
2500.000MHz



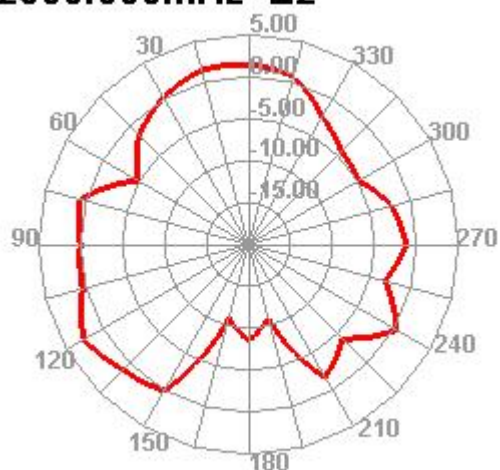
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



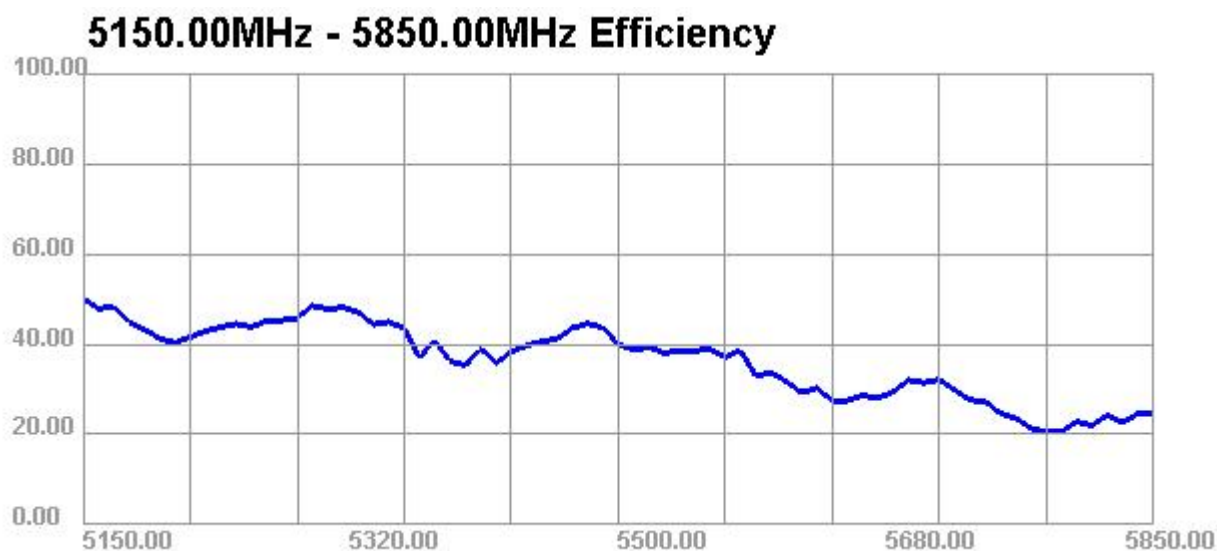
Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



Address: Building 4, Hanguang Science and Technology Park, Zhangbei  
Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,  
No.19 Jinteng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

| Passive Test For 5.8G |                |                 |            |            |           |           |          |          |                   |                  |         |            |            |
|-----------------------|----------------|-----------------|------------|------------|-----------|-----------|----------|----------|-------------------|------------------|---------|------------|------------|
| Frequency (MHz)       | Efficiency (%) | Efficiency (dB) | Gain (dBi) | Gain (dBd) | UHF S (%) | DHF S (%) | Max (dB) | Min (dB) | Directivity (dBi) | Beamwidth (3 dB) | HN (dB) | Att H (dB) | Att V (dB) |
| 5150                  | 50.2           | -2.99           | 3.43       | 1.28       | 26.76     | 23.437    | 3.43     | -16.53   | 6.43              | 30               | 12.37   | 51.13      | 51.05      |
| 5160                  | 47.9           | -3.2            | 3.31       | 1.16       | 25.354    | 22.544    | 3.31     | -17.38   | 6.51              | 30               | 12.18   | 51.05      | 51.33      |
| 5170                  | 48.33          | -3.16           | 3.38       | 1.23       | 25.411    | 22.915    | 3.38     | -17.57   | 6.54              | 30               | 11.75   | 51.18      | 51.25      |
| 5180                  | 44.85          | -3.48           | 3.09       | 0.94       | 23.435    | 21.414    | 3.09     | -18.22   | 6.57              | 30               | 11.59   | 51.22      | 51.39      |
| 5190                  | 43.3           | -3.64           | 2.92       | 0.77       | 22.529    | 20.767    | 2.92     | -18.5    | 6.55              | 45               | 11.36   | 50.88      | 50.99      |
| 5200                  | 41.28          | -3.84           | 2.7        | 0.55       | 21.446    | 19.831    | 2.7      | -18.69   | 6.54              | 45               | 11.43   | 51.08      | 51.22      |
| 5210                  | 40.38          | -3.94           | 2.57       | 0.42       | 21.004    | 19.381    | 2.57     | -18.93   | 6.51              | 45               | 11.55   | 50.82      | 50.88      |
| 5220                  | 41.55          | -3.81           | 2.64       | 0.49       | 21.593    | 19.953    | 2.64     | -18.46   | 6.45              | 45               | 11.89   | 51.02      | 51.12      |
| 5230                  | 42.98          | -3.67           | 2.71       | 0.56       | 22.318    | 20.665    | 2.71     | -18.15   | 6.38              | 45               | 12.21   | 51.38      | 51.5       |
| 5240                  | 43.81          | -3.58           | 2.76       | 0.61       | 22.734    | 21.08     | 2.76     | -17.55   | 6.35              | 45               | 12.85   | 51.51      | 51.42      |
| 5250                  | 44.49          | -3.52           | 2.83       | 0.68       | 23.052    | 21.442    | 2.83     | -16.83   | 6.35              | 45               | 13.68   | 51.36      | 51.35      |
| 5260                  | 43.82          | -3.58           | 2.76       | 0.61       | 22.571    | 21.253    | 2.76     | -16.93   | 6.35              | 45               | 13.95   | 51.46      | 51.31      |
| 5270                  | 45.3           | -3.44           | 2.96       | 0.81       | 23.161    | 22.135    | 2.96     | -17.43   | 6.4               | 45               | 14.97   | 51.27      | 51.12      |
| 5280                  | 45.31          | -3.44           | 2.99       | 0.84       | 23.02     | 22.288    | 2.99     | -17.61   | 6.42              | 45               | 15.29   | 51.4       | 51.21      |
| 5290                  | 45.85          | -3.39           | 3.05       | 0.9        | 23.151    | 22.699    | 3.05     | -18.14   | 6.44              | 45               | 16      | 51.29      | 51.08      |
| 530                   | 48.            | -3.             | 3.3        | 1.1        | 24.3      | 24.1      | 3.3      | -17.     | 6.46              | 45               | 16.     | 51.        | 51.        |



Shenzhen Shengda Communication Equipment  
Co.

---

|   |    |    |   |   |    |    |   |    |  |  |    |    |    |
|---|----|----|---|---|----|----|---|----|--|--|----|----|----|
| 0 | 55 | 14 | 2 | 7 | 52 | 98 | 2 | 83 |  |  | 51 | 74 | 48 |
|---|----|----|---|---|----|----|---|----|--|--|----|----|----|

Address: Building 4, Hanguang Science and Technology Park, Zhangbei  
Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,  
No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



# Shenzhen Shengda Communication Equipment Co.

|      |       |       |      |      |        |        |      |        |      |    |       |       |       |
|------|-------|-------|------|------|--------|--------|------|--------|------|----|-------|-------|-------|
| 5310 | 47.78 | -3.21 | 3.28 | 1.13 | 23.815 | 23.963 | 3.28 | -18.62 | 6.49 | 45 | 17.45 | 51.44 | 51.2  |
| 5320 | 48.24 | -3.17 | 3.38 | 1.23 | 23.911 | 24.327 | 3.38 | -18.88 | 6.54 | 45 | 17.97 | 52    | 51.67 |
| 5330 | 47.04 | -3.28 | 3.29 | 1.14 | 23.145 | 23.895 | 3.29 | -19.61 | 6.56 | 45 | 18.79 | 51.6  | 51.22 |
| 5340 | 44.45 | -3.52 | 3.11 | 0.96 | 21.716 | 22.734 | 3.11 | -19.93 | 6.64 | 45 | 19.86 | 51.69 | 51.38 |
| 5350 | 44.98 | -3.47 | 3.23 | 1.08 | 21.784 | 23.195 | 3.23 | -20.3  | 6.7  | 45 | 20.42 | 51.71 | 51.31 |
| 5360 | 43.48 | -3.62 | 3.11 | 0.96 | 20.898 | 22.577 | 3.11 | -21.27 | 6.72 | 30 | 21.54 | 51.76 | 51.37 |
| 5370 | 37.07 | -4.31 | 2.44 | 0.29 | 17.727 | 19.346 | 2.44 | -21.5  | 6.75 | 30 | 21.05 | 51.68 | 51.34 |
| 5380 | 40.8  | -3.89 | 2.86 | 0.71 | 19.446 | 21.35  | 2.86 | -21.37 | 6.75 | 30 | 21.29 | 51.96 | 51.57 |
| 5390 | 36.31 | -4.4  | 2.44 | 0.29 | 17.181 | 19.126 | 2.44 | -21.98 | 6.84 | 30 | 21.38 | 51.72 | 51.4  |
| 5400 | 35.29 | -4.52 | 2.38 | 0.23 | 16.585 | 18.708 | 2.38 | -22.18 | 6.91 | 30 | 21.54 | 51.75 | 51.51 |
| 5410 | 39.05 | -4.08 | 2.88 | 0.73 | 18.22  | 20.825 | 2.88 | -21.52 | 6.97 | 30 | 21.28 | 51.99 | 51.53 |
| 5420 | 35.82 | -4.46 | 2.51 | 0.36 | 16.628 | 19.195 | 2.51 | -21.3  | 6.96 | 30 | 20.63 | 51.74 | 51.53 |
| 5430 | 38.31 | -4.17 | 2.85 | 0.7  | 17.717 | 20.592 | 2.85 | -20.64 | 7.01 | 30 | 20.29 | 51.68 | 51.35 |
| 5440 | 39.73 | -4.01 | 3.09 | 0.94 | 18.323 | 21.405 | 3.09 | -20.83 | 7.1  | 30 | 20.54 | 51.57 | 51.38 |
| 5450 | 40.57 | -3.92 | 3.21 | 1.06 | 18.694 | 21.879 | 3.21 | -20.36 | 7.13 | 30 | 20.07 | 51.63 | 51.35 |
| 5460 | 41.2  | -3.85 | 3.35 | 1.15 | 19.025 | 22.179 | 3.35 | -21.34 | 7.15 | 30 | 20.98 | 51.67 | 51.53 |
| 5470 | 43.64 | -3.6  | 3.57 | 1.42 | 20.127 | 23.515 | 3.57 | -22.61 | 7.17 | 30 | 22.43 | 51.76 | 51.51 |
| 5480 | 44.56 | -3.51 | 3.68 | 1.53 | 20.499 | 24.062 | 3.68 | -23.44 | 7.19 | 30 | 23.28 | 51.82 | 51.7  |
| 5490 | 43.74 | -3.59 | 3.61 | 1.46 | 20.058 | 23.681 | 3.61 | -23.78 | 7.2  | 30 | 23.47 | 51.91 | 51.76 |
| 550  | 39.   | -3.   | 3.2  | 1.1  | 18.2   | 21.6   | 3.2  | -24.   | 7.24 | 30 | 23.   | 51.   | 51.   |

**Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen**  
**Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,**



Shenzhen Shengda Communication Equipment  
Co.

---

No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



# Shenzhen Shengda Communication Equipment Co.

|     |     |     |     |     |      |      |     |      |      |    |     |     |     |
|-----|-----|-----|-----|-----|------|------|-----|------|------|----|-----|-----|-----|
| 0   | 92  | 99  | 5   |     | 93   | 23   | 5   | 21   |      |    | 38  | 79  | 5   |
| 551 | 38. | -4. | 3.1 | 0.9 | 17.7 | 21.0 | 3.1 | -23. | 7.23 | 30 | 22. | 51. | 51. |
| 0   | 77  | 12  | 2   | 7   | 65   | 02   | 2   | 56   |      |    | 52  | 76  | 7   |
| 552 | 39. | -4. | 3.1 | 0.9 | 18.0 | 21.3 | 3.1 | -21. | 7.17 | 30 | 20. | 52. | 51. |
| 0   | 36  | 05  | 2   | 7   | 28   | 33   | 2   | 5    |      |    | 45  | 02  | 76  |
| 553 | 38. | -4. | 3.0 | 0.8 | 17.4 | 20.6 | 3.0 | -21. | 7.21 | 30 | 20. | 52. | 51. |
| 0   | 11  | 19  | 2   | 7   | 5    | 63   | 2   | 69   |      |    | 44  | 02  | 91  |
| 554 | 38. | -4. | 3.0 | 0.8 | 17.6 | 20.9 | 3.0 | -21. | 7.18 | 45 | 19. | 52. | 51. |
| 0   | 52  | 14  | 4   | 9   | 19   |      | 4   | 03   |      |    | 79  | 07  | 78  |
| 555 | 38. | -4. | 3.0 | 0.8 | 17.6 | 20.9 | 3.0 | -20. | 7.17 | 45 | 19. | 52. | 52. |
| 0   | 58  | 14  | 3   | 8   |      | 84   | 3   | 66   |      |    | 48  | 24  | 16  |
| 556 | 38. | -4. | 2.9 | 0.8 | 17.7 | 21.1 | 2.9 | -20. | 7.09 | 45 | 19. | 52. | 51. |
| 0   | 95  | 1   | 9   | 4   | 99   | 49   | 9   | 46   |      |    | 43  | 32  | 99  |
| 557 | 37. | -4. | 2.7 | 0.5 | 16.9 | 20.1 | 2.7 | -20. | 7.02 | 45 | 18. | 52. | 51. |
| 0   | 14  | 3   | 2   | 7   | 45   | 91   | 2   | 12   |      |    | 88  | 05  | 94  |
| 558 | 38. | -4. | 2.9 | 0.7 | 17.6 | 21.0 | 2.9 | -19. | 7.03 | 45 | 18. | 52. | 52. |
| 0   | 67  | 13  | 1   | 6   | 62   | 1    | 1   | 49   |      |    | 38  | 57  | 21  |
| 559 | 32. | -4. | 2.2 | 0.0 | 15.0 | 17.8 | 2.2 | -20. | 7.07 | 45 | 18. | 52. | 51. |
| 0   | 88  | 83  | 4   | 9   | 07   | 72   | 4   | 52   |      |    | 46  | 07  | 79  |
| 560 | 33. | -4. | 2.3 | 0.2 | 15.3 | 18.3 | 2.3 | -20. | 7.08 | 45 | 17. | 52. | 52. |
| 0   | 72  | 72  | 6   | 1   | 87   | 37   | 6   | 3    |      |    | 34  | 5   | 23  |
| 561 | 31. | -4. | 2.1 | -0. | 14.5 | 17.2 | 2.1 | -21. | 7.11 | 45 | 16. | 52. | 51. |
| 0   | 8   | 98  | 4   | 01  |      | 96   | 4   | 1    |      |    | 9   | 12  | 87  |
| 562 | 29. | -5. | 1.7 | -0. | 13.3 | 15.9 | 1.7 | -21. | 7.08 | 45 | 16. | 52. | 52. |
| 0   | 29  | 33  | 5   | 4   | 88   | 04   | 5   | 65   |      |    | 66  | 55  | 16  |
| 563 | 30. | -5. | 1.8 | -0. | 13.8 | 16.4 | 1.8 | -22. | 7.03 | 45 | 16. | 52. | 51. |
| 0   | 29  | 19  | 5   | 3   | 68   | 26   | 5   | 36   |      |    | 42  | 28  | 99  |
| 564 | 27. | -5. | 1.4 | -0. | 12.6 | 14.9 | 1.4 | -23. | 7.02 | 30 | 16. | 52. | 52. |
| 0   | 51  | 6   | 1   | 74  | 04   | 1    | 1   | 51   |      |    | 85  | 72  | 31  |
| 565 | 27. | -5. | 1.4 | -0. | 12.6 | 14.9 | 1.4 | -24. | 7.05 | 30 | 16. | 52. | 52. |
| 0   | 57  | 6   | 6   | 69  | 58   | 1    | 6   | 02   |      |    | 02  | 33  | 04  |
| 566 | 28. | -5. | 1.6 | -0. | 13.1 | 15.5 | 1.6 | -24. | 7.06 | 30 | 15. | 52. | 52. |
| 0   | 67  | 43  | 3   | 52  | 58   | 09   | 3   | 46   |      |    | 75  | 42  | 12  |
| 567 | 28. | -5. | 1.5 | -0. | 12.9 | 15.1 | 1.5 | -24. | 7.07 | 30 | 15. | 52. | 51. |
| 0   | 12  | 51  | 6   | 59  | 69   | 5    | 6   | 59   |      |    | 67  | 19  | 81  |
| 568 | 29. | -5. | 1.7 | -0. | 13.6 | 15.8 | 1.7 | -24. | 7.04 | 30 | 15. | 52. | 51. |
| 0   | 43  | 31  | 3   | 42  | 11   | 21   | 3   | 83   |      |    | 29  | 19  | 83  |
| 569 | 32. | -4. | 2.0 | -0. | 14.8 | 17.2 | 2.0 | -24. | 7.01 | 45 | 15. | 52. | 51. |
| 0   | 1   | 93  | 7   | 08  | 91   | 09   | 7   | 62   |      |    | 08  | 29  | 99  |

**Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen**  
**Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley,**



Shenzhen Shengda Communication Equipment  
Co.

---

No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town,  
Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)



# Shenzhen Shengda Communication Equipment Co.

|          |           |           |            |           |            |            |            |            |      |     |           |           |           |
|----------|-----------|-----------|------------|-----------|------------|------------|------------|------------|------|-----|-----------|-----------|-----------|
| 570<br>0 | 31.<br>5  | -5.<br>02 | 1.9<br>8   | -0.<br>17 | 14.5<br>9  | 16.9<br>1  | 1.9<br>8   | -25.<br>55 | 7    | 45  | 15.<br>48 | 52.<br>42 | 52.<br>14 |
| 571<br>0 | 32.<br>15 | -4.<br>93 | 2.0<br>2   | -0.<br>13 | 14.9<br>42 | 17.2<br>07 | 2.0<br>2   | -24.<br>51 | 6.95 | 45  | 15.<br>44 | 52.<br>35 | 52.<br>03 |
| 572<br>0 | 29.<br>84 | -5.<br>25 | 1.7<br>2   | -0.<br>43 | 13.8<br>76 | 15.9<br>66 | 1.7<br>2   | -24.<br>61 | 6.97 | 45  | 15.<br>32 | 52.<br>14 | 51.<br>88 |
| 573<br>0 | 27.<br>67 | -5.<br>58 | 1.3<br>9   | -0.<br>76 | 12.8<br>79 | 14.7<br>87 | 1.3<br>9   | -24.<br>31 | 6.97 | 45  | 15        | 52.<br>58 | 52.<br>26 |
| 574<br>0 | 27.<br>35 | -5.<br>63 | 1.3<br>6   | -0.<br>79 | 12.7<br>42 | 14.6<br>08 | 1.3<br>6   | -23.<br>59 | 6.99 | 45  | 15.<br>06 | 52.<br>32 | 52.<br>14 |
| 575<br>0 | 24.<br>62 | -6.<br>09 | 0.9<br>1   | -1.<br>24 | 11.5<br>28 | 13.0<br>96 | 0.9<br>1   | -23.<br>52 | 6.99 | 45  | 14.<br>44 | 52.<br>5  | 52.<br>25 |
| 576<br>0 | 23.<br>72 | -6.<br>25 | 0.7<br>3   | -1.<br>42 | 11.1<br>24 | 12.5<br>92 | 0.7<br>3   | -23.<br>63 | 6.98 | 45  | 14.<br>67 | 52.<br>45 | 52.<br>16 |
| 577<br>0 | 21.<br>43 | -6.<br>69 | 0.2<br>2   | -1.<br>93 | 10.0<br>63 | 11.3<br>66 | 0.2<br>2   | -23.<br>95 | 6.91 | 45  | 14.<br>48 | 52.<br>33 | 52.<br>15 |
| 578<br>0 | 20.<br>45 | -6.<br>89 | -0.<br>02  | -2.<br>17 | 9.56<br>6  | 10.8<br>82 | -0.<br>02  | -23.<br>39 | 6.88 | 45  | 14.<br>28 | 52.<br>54 | 52.<br>32 |
| 579<br>0 | 20.<br>52 | -6.<br>88 | -0.<br>01  | -2.<br>16 | 9.59<br>6  | 10.9<br>27 | -0.<br>01  | -22.<br>91 | 6.87 | 45  | 13.<br>45 | 52.<br>38 | 52.<br>23 |
| 580<br>0 | 22.<br>88 | -6.<br>4  | 0.3<br>7   | -1.<br>78 | 10.7<br>15 | 12.1<br>68 | 0.3<br>7   | -22.<br>32 | 6.78 | 45  | 13.<br>14 | 52.<br>93 | 52.<br>62 |
| 581<br>0 | 22<br>57  | -6.<br>57 | 0.1<br>5   | -2<br>5   | 10.3<br>46 | 11.6<br>58 | 0.1<br>5   | -22.<br>02 | 6.72 | 45  | 12.<br>44 | 52.<br>61 | 52.<br>45 |
| 582<br>0 | 24.<br>34 | -6.<br>14 | 0.5<br>0.5 | -1.<br>65 | 11.5<br>21 | 12.8<br>19 | 0.5<br>0.5 | -21.<br>67 | 6.64 | 60  | 12.<br>83 | 53.<br>16 | 52.<br>86 |
| 583<br>0 | 22.<br>67 | -6.<br>45 | 0.0<br>2   | -2.<br>13 | 10.7<br>61 | 11.9<br>09 | 0.0<br>2   | -21.<br>93 | 6.47 | 120 | 13.<br>26 | 52.<br>69 | 52.<br>63 |
| 584<br>0 | 24.<br>59 | -6.<br>09 | 0.3<br>1   | -1.<br>84 | 11.7<br>21 | 12.8<br>68 | 0.3<br>1   | -22.<br>14 | 6.4  | 120 | 13.<br>73 | 53.<br>2  | 52.<br>8  |
| 585<br>0 | 24.<br>59 | -6.<br>09 | 0.2<br>1   | -1.<br>94 | 11.7<br>23 | 12.8<br>69 | 0.2<br>1   | -21.<br>57 | 6.3  | 105 | 14.<br>17 | 52.<br>73 | 52.<br>56 |

**Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen**

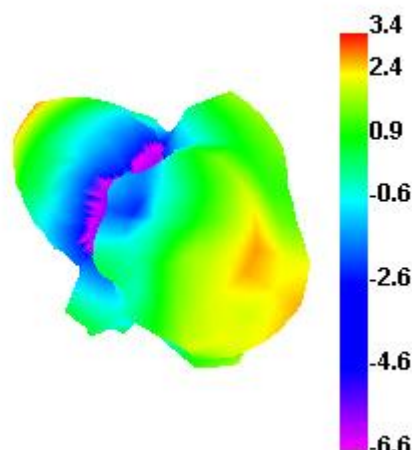
**Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan**

**Tel: 0755-89985492**

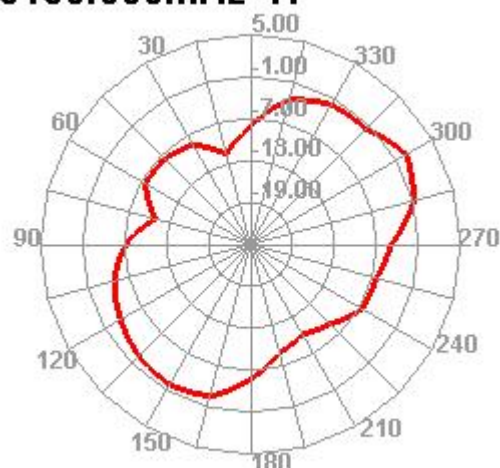
**Fax: 0755-89916753**

**Website:www.szsdtx.com**

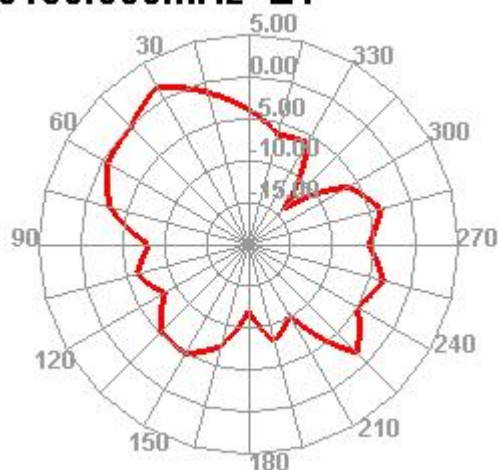
5150.000MHz



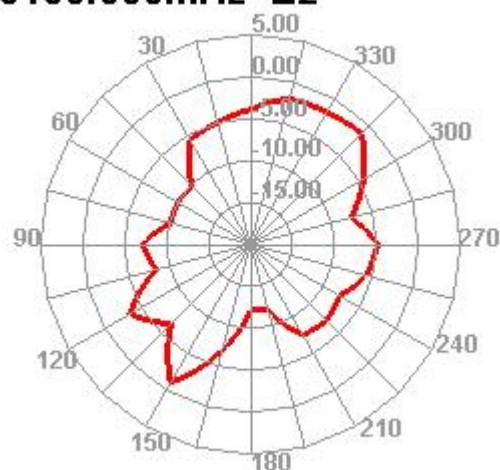
5150.000MHz H



5150.000MHz E1



5150.000MHz E2



Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

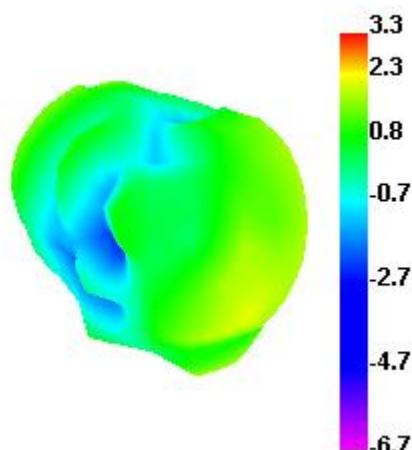
Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

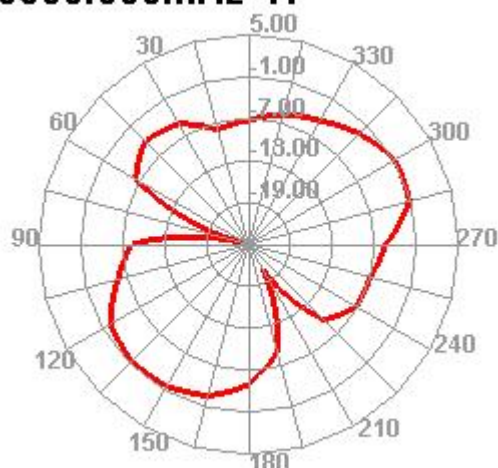
Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

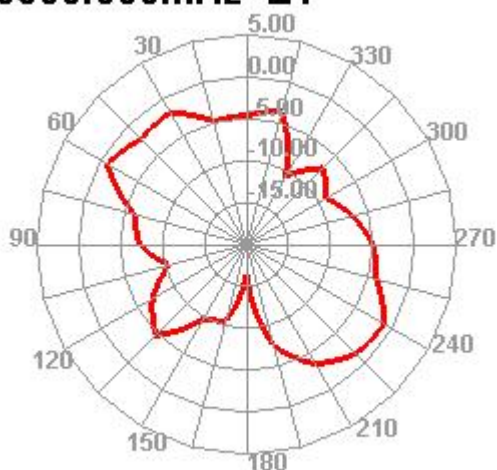
5500.000MHz



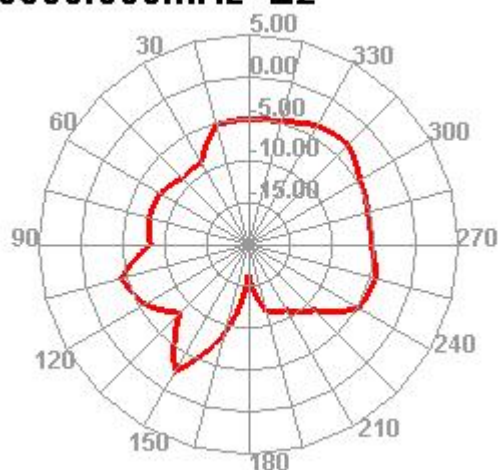
5500.000MHz H



5500.000MHz E1



5500.000MHz E2



Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

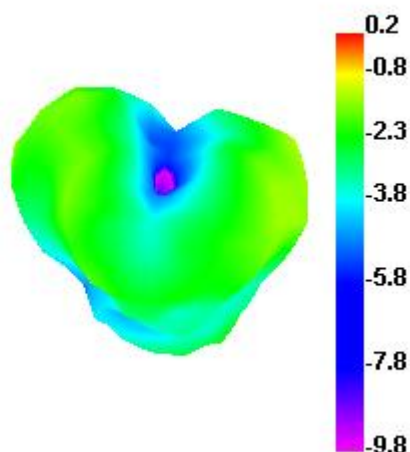
Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinteng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

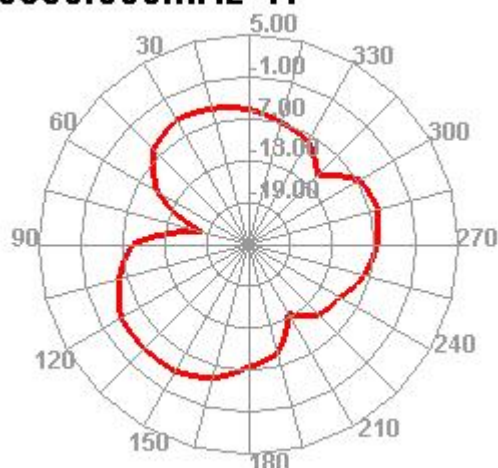
Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)

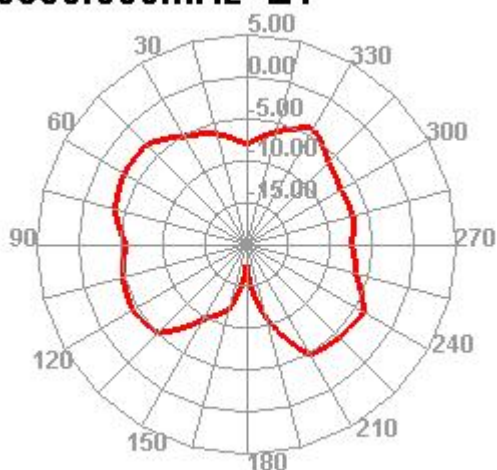
5850.000MHz



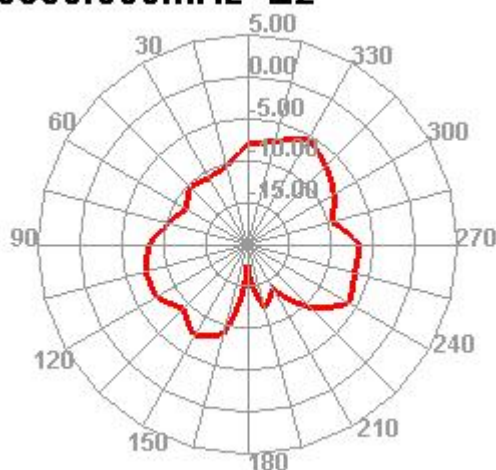
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



Note: The above parameters are for reference only; actual samples shall prevail!

Address: Building 4, Hanguang Science and Technology Park, Zhangbei Chuangye 4th Road, Ailian Community, Longgang District, Shenzhen

Dongguan Address: 01,16th Floor, Building 1, Urban Intelligence Valley, No.19 Jinpeng Road, Jin Fenghuang Industrial Zone, Fenggang Town, Dongguan

Tel: 0755-89985492

Fax: 0755-89916753

Website: [www.szsdtx.com](http://www.szsdtx.com)