

2GHz~6GHz PLANE SPIRAL ANTENNA ARRAY

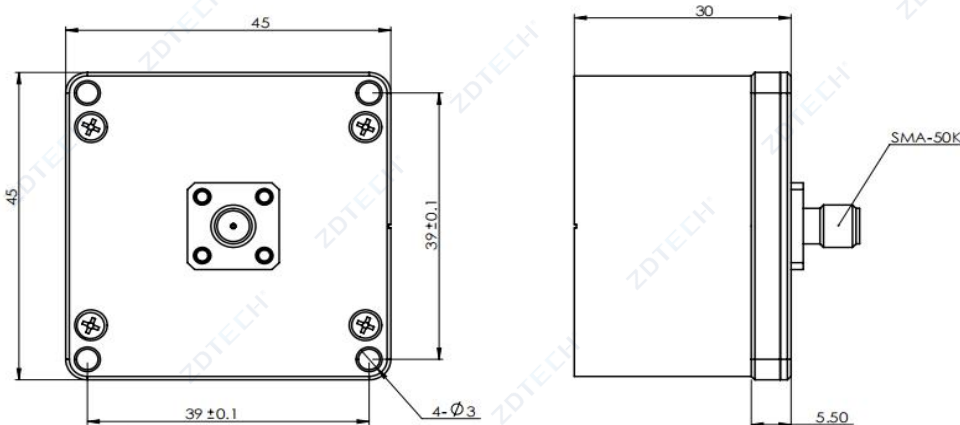
Model: ZD2060-25



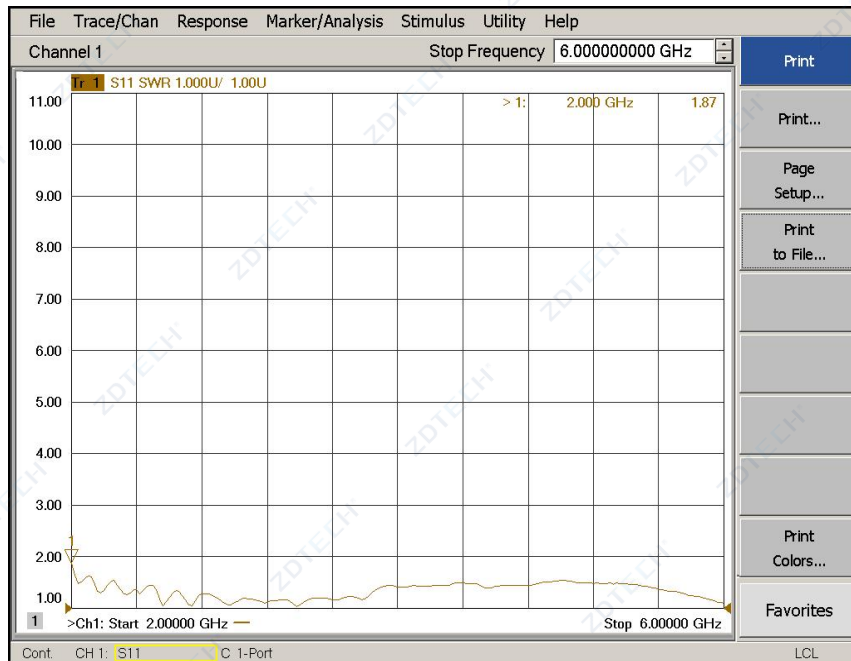
1.Technical Index

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range         | 2GHz~6GHz                                                                                                                                                                     |
| Standing Wave           | ≤3.0                                                                                                                                                                          |
| Joggle                  | SMA-50K (stainless steel)                                                                                                                                                     |
| Gain And Beam Width     | Absolute beam width of 15dB in azimuth plane: ≥90°; (gain in azimuth plane ±45°: ≥-15dB);<br>Pitch plane absolute gain-15dB beam width: ≥90°; (pitch plane ±45° gain: ≥-15dB) |
| Polarization Method     | circular polarization                                                                                                                                                         |
| Reference Dimension     | 45mm*45mm*30mm(±2mm)                                                                                                                                                          |
| Weight                  | ≤50g                                                                                                                                                                          |
| Pigment                 | Military Green/Gray                                                                                                                                                           |
| Antenna Cavity Material | PPO                                                                                                                                                                           |
| Working Temperature     | -40℃~+55℃                                                                                                                                                                     |
| Storage Temperature     | -55℃~+70℃                                                                                                                                                                     |

2.Dimensions (Unit: mm)



### 3.Standing wave

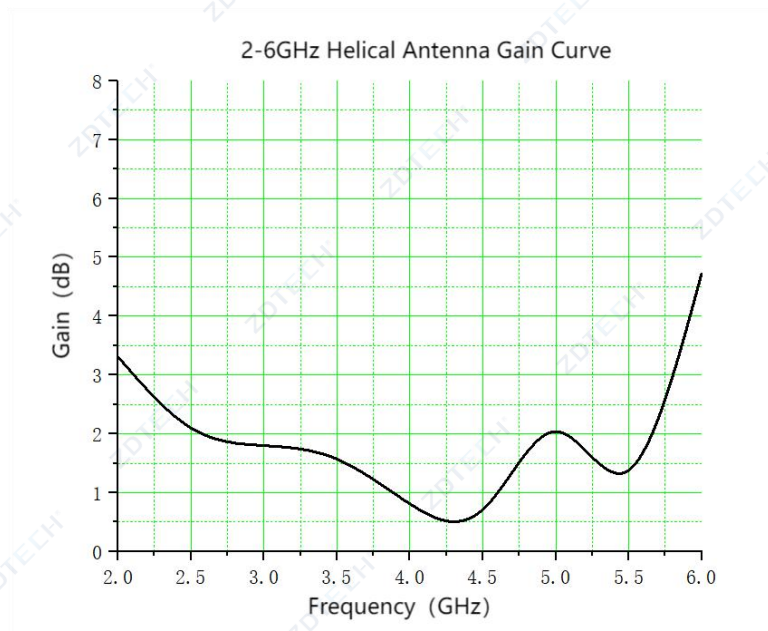


### 4.Beam Width

| service frequency (GHz) |
|-------------------------|
| 2                       |
| 2.5                     |
| 3                       |
| 3.5                     |
| 4                       |
| 4.5                     |
| 5                       |
| 5.5                     |
| 6                       |

| 3dB beam width (°) |
|--------------------|
| 98                 |
| 96                 |
| 104                |
| 106                |
| 124                |
| 126                |
| 116                |
| 112                |
| 50                 |

### 5.Gain Curve



## 6. Typical Direction Map

