

1GHz~18GHz PLANE SPIRAL ANTENNA ARRAY

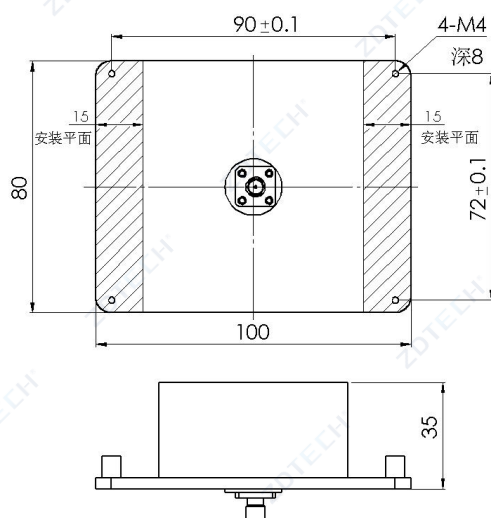
Model: ZD10180



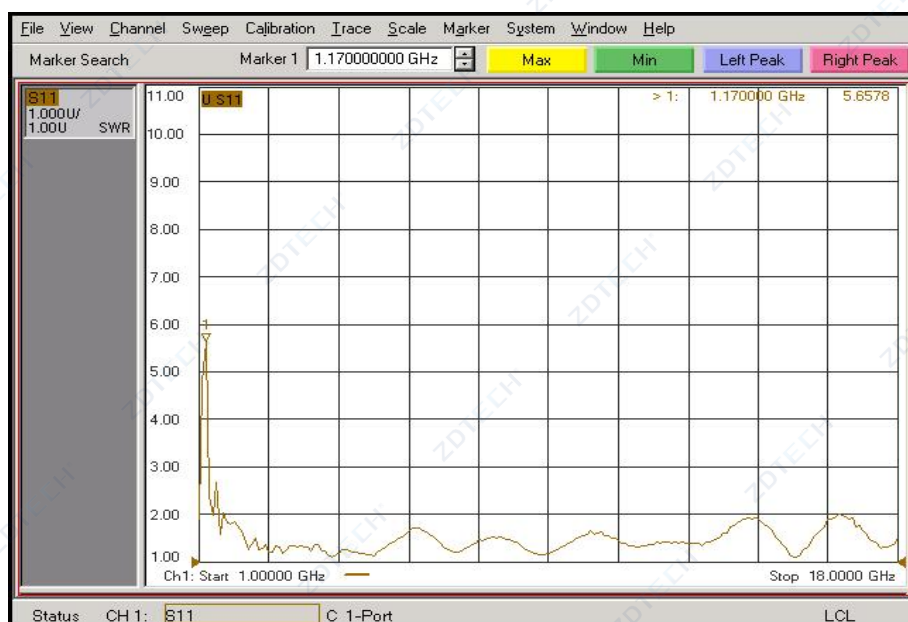
1. Technical Index

Frequency Range	1GHz~18GHz
Standing Wave	≤2.5 (typical value)
Joggle	SMA-50K
Gain	-20dBi~-6dBi @1GHz~2GHz -6dBi~2dBi @2GHz~6GHz 2dBi~7dBi @6GHz~18GHz
Polarization Method	right-handed circular polarization
Reference Dimension	≤100mm*80mm*35mm
Weight	≤180g
Pigment	Black (matte)
Antenna Cavity Material	aluminium product
Working Temperature	-20℃~+55℃
Storage Temperature	-20℃~+70℃

2. Dimensions (Unit: mm)



3.Standing wave

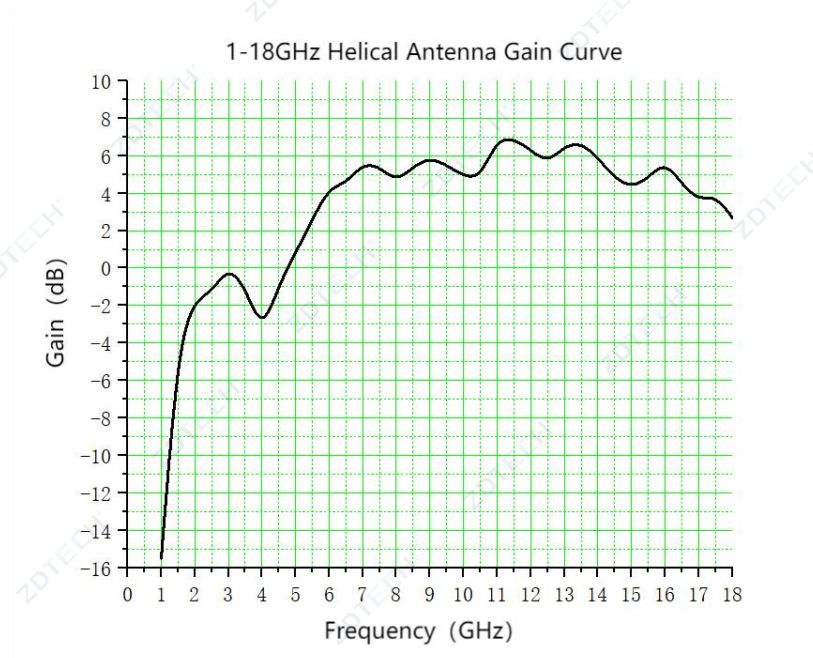


4.Beam Width

service frequency (GHz)
1
2
4
6
8
10
12
14
16
18

3dB beam width (°)
272
204
126
136
182
94
102
114
212
90

5.Gain Curve



6. Typical Direction Map

