

2GHz~6GHz PLANE SPIRAL ANTENNA ARRAY

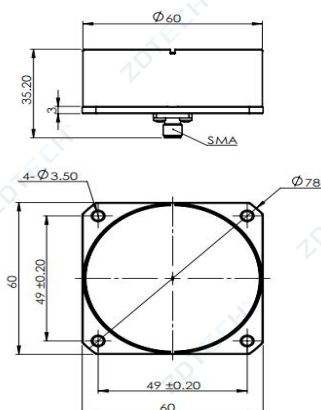
Model: ZD2060-192



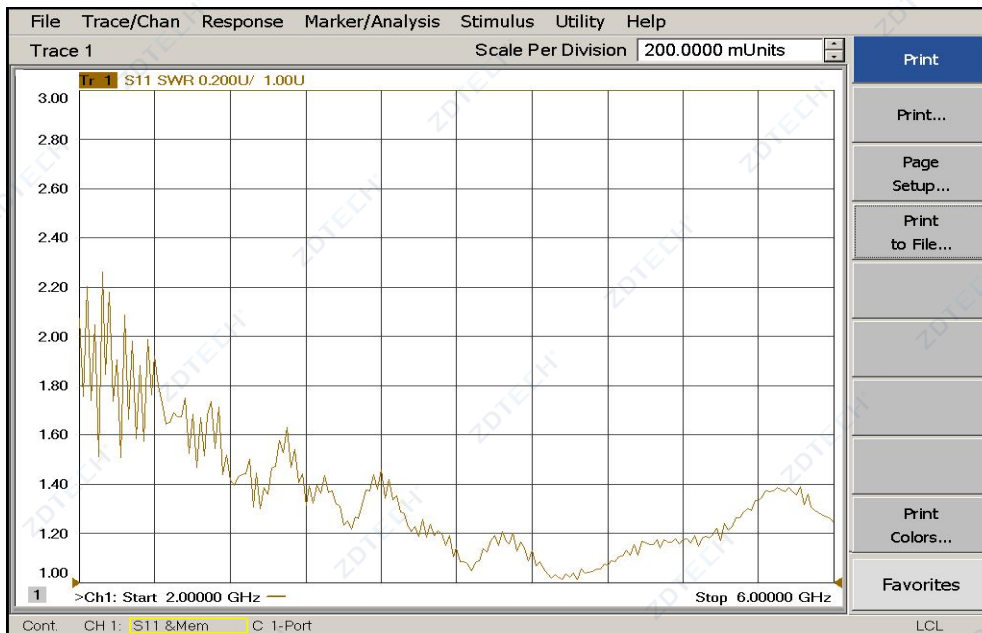
1. Technical Index

Frequency Range	2GHz~6GHz
Unit Gain	≥1dB
Wavefront Width	The beam width with 0dB absolute gain in the azimuth plane is ≥60°, and the beam width with 0dB absolute gain in the pitch plane is also ≥60°. The beam width with -4dB absolute gain in the azimuth plane is ≥90°, and the beam
Install Interface	The hole diameter is 49±0.2mm×49±0.2mm, and there are 4φ3.5 through holes for installation
Back Lobe	≥10dB
Standing Wave	≤2.5
Joggle	SMA-K type (316 stainless steel)
Polarization Method	right-handed circular polarization
Unit Size	≤63mm*63mm*38mm
Unit Weight	≤55g
Pigment	Light Gray RAL7035
Material	Alufer
Working Temperature	-40℃~+55℃
Storage Temperature	-55℃~+70℃

2. Dimensions (Unit: mm)



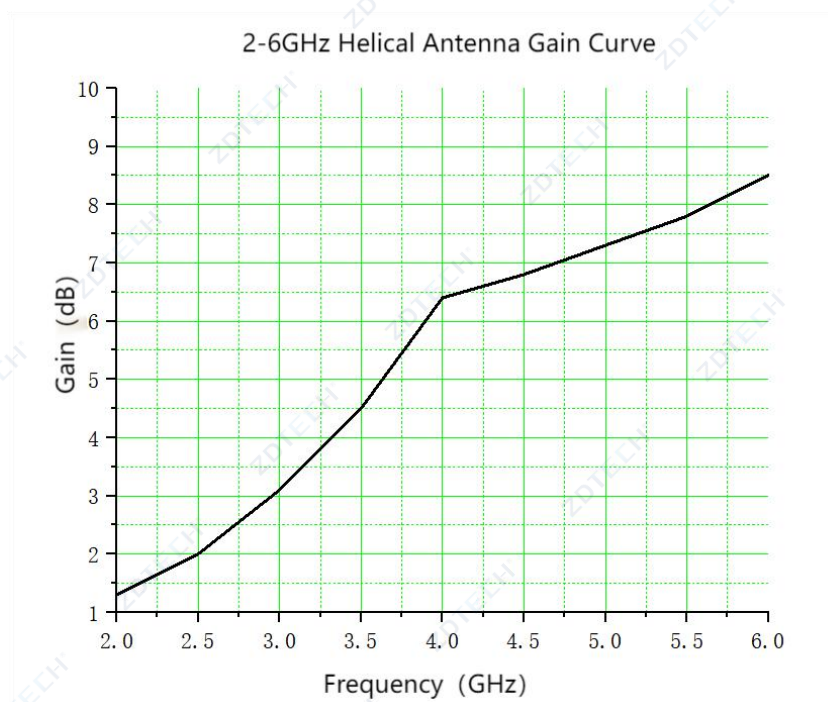
3.Standing wave



4. Beam Width

Operating frequency (GHz)	3dB beam width (°)
2	87.8
3	101.8
4	64.6
5	58.0
6	53.3

5. Gain Curve



6. Typical Direction Map

