

2GHz~6GHz PLANE SPIRAL ANTENNA ARRAY

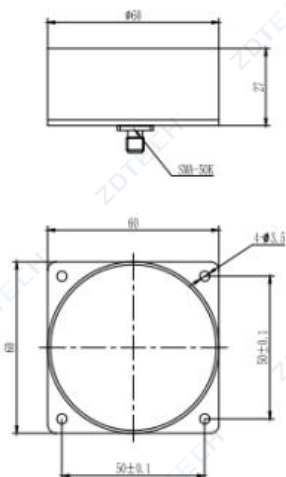
Model: ZD2060-B



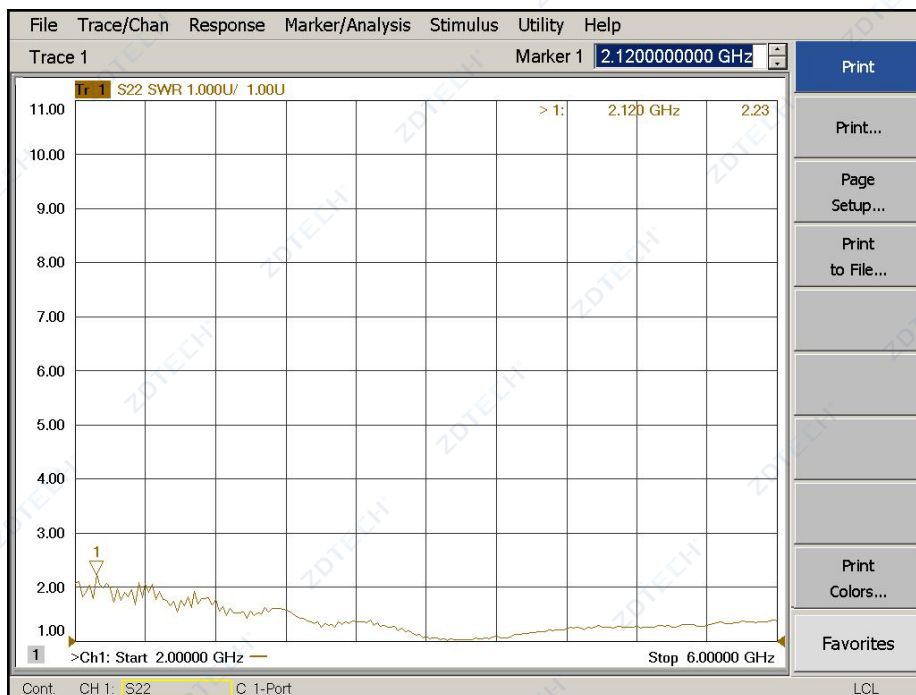
1. Technical Index

Frequency Range	2GHz~6GHz
Beam Width	Aspect: $\geq 90^\circ$ (beam width with absolute gain $\geq -2\text{dBi}$) Inclination: $\geq 40^\circ$ (beam width with absolute gain $\geq -2\text{ dBi}$)
Standing Wave	≤ 2.5
Joggle	SMA-50K (stainless steel)
Gain	$\geq 2\text{dB}$ (beam center)
Polarization Method	right-handed circular polarization
Reference Dimension	$\leq 63\text{mm} \times 63\text{mm} \times 38.5\text{mm}$ (excluding sockets)
Weight	$\leq 60\text{g}$
Pigment	Grayish sea
Antenna Cavity Material	Alufer
Working Temperature	$-40^\circ\text{C} \sim +55^\circ\text{C}$
Storage Temperature	$-55^\circ\text{C} \sim +70^\circ\text{C}$

2. Dimensions (Unit: mm)



3.Standing wave

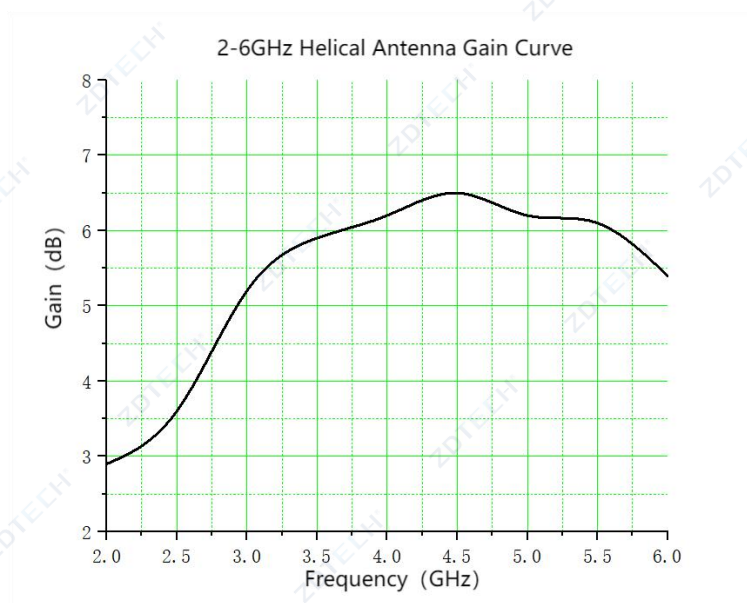


4.Beam Width

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

3dB beam width (°)
104
116
136
142
132
126
130
122
128

5.Gain Curve



6. Typical Direction Map

