

2GHz -6GHz Planar Helical Antenna

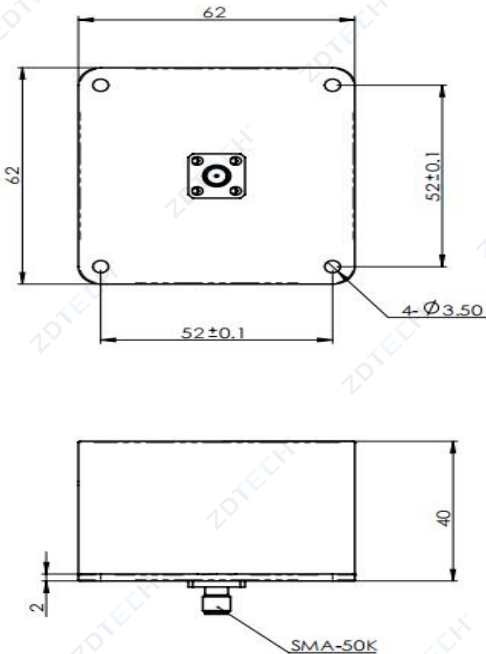
Module: ZD2060-45



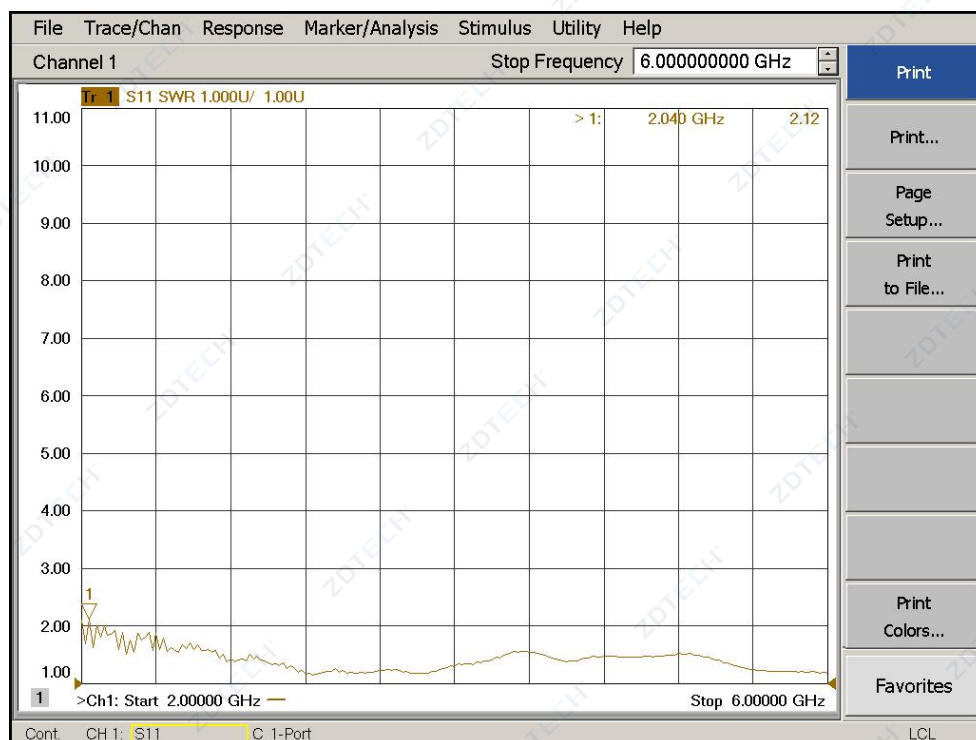
1. Technical Index

Operating Frequency (GHz)	2-6
Standing Wave	≤2.5
Polarization	Right-hand circular polarization
Gain within ±45° in Azimuth	≥-4dBi
Gain within ±45° in Elevation	≥-4dBi
Operating Temperature	-90°C to +55°C
Storage Temperature	-90°C to +70°C
Connectors	SMA-50K(Stainless steel material)
Dimensions	L62mm × W62mm × H40mm (±2mm)
Color	Military Green
Material	Aluminum alloy
Weight	≤200g

2. Dimensions (Unit: mm)



3. Standing Wave

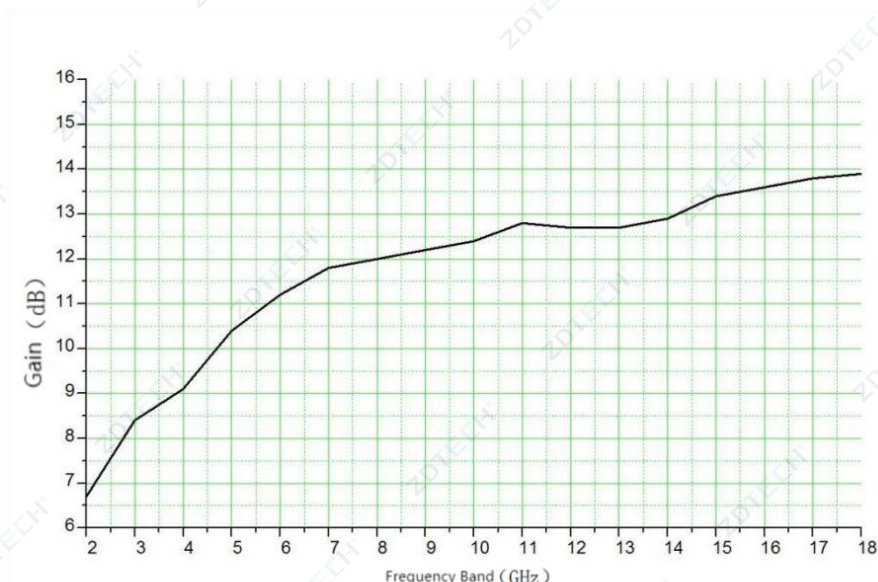


4. Beamwidth

Operating Frequency (GHz)	3dB beamwidth(°)
2	62.1
3	39.3
4	33.8
5	25.1
6	20.4

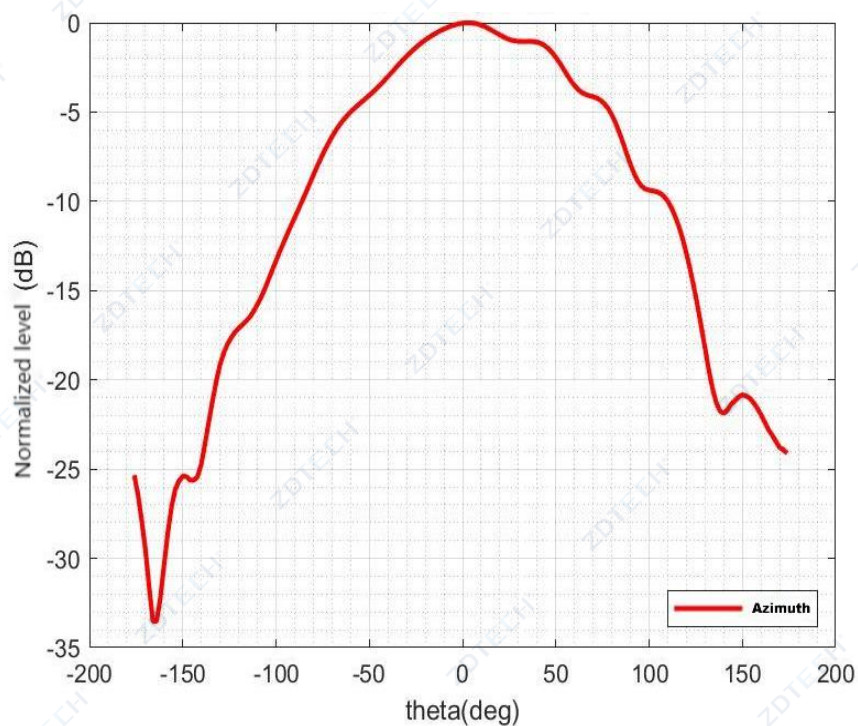
5. Gain Curve

2-6GHz Helical Antenna Gain Curve

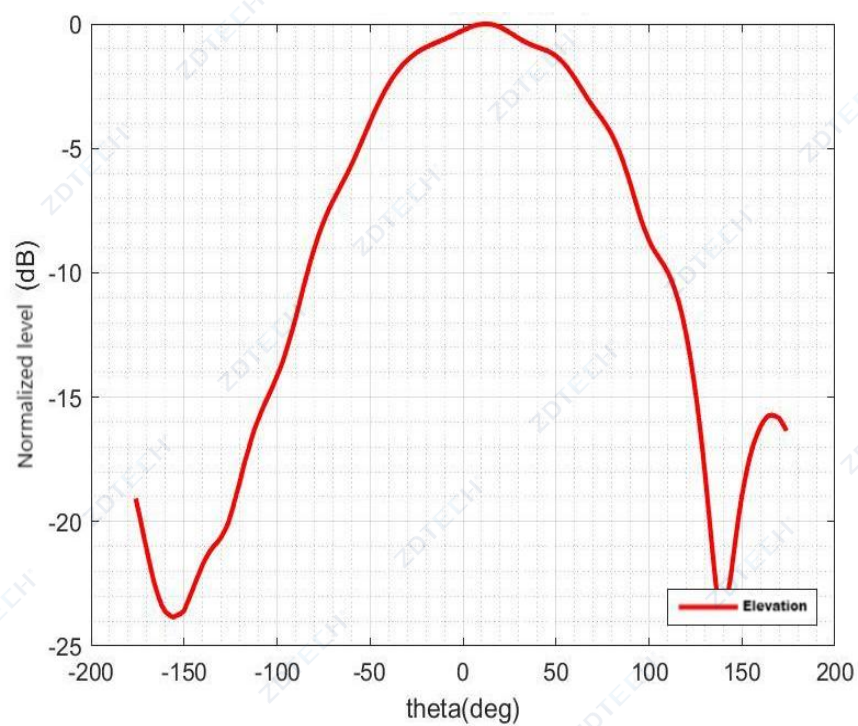


6. Typical Directional Pattern

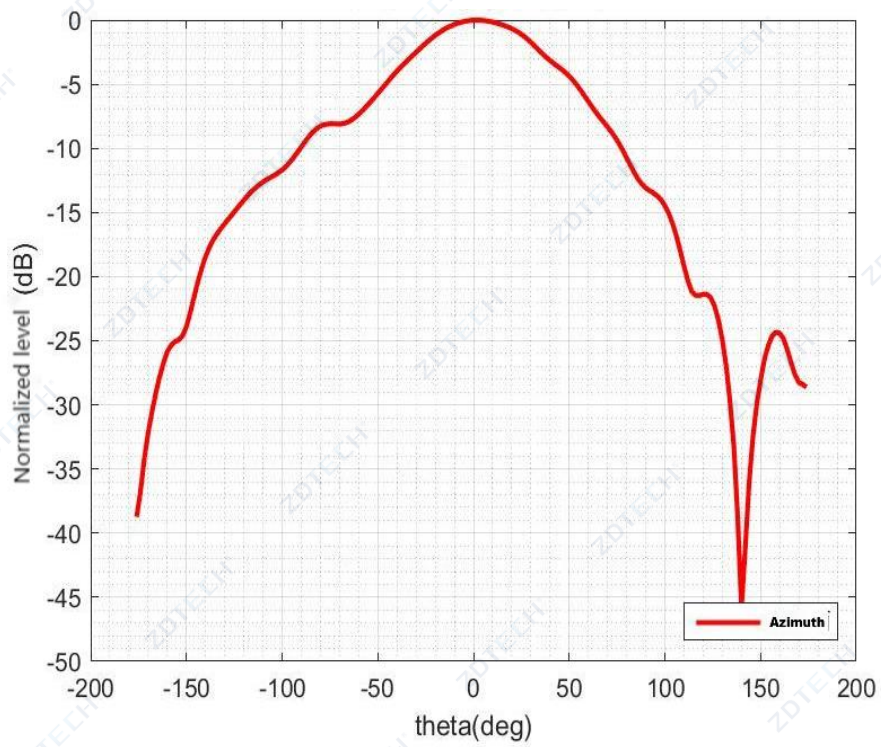
2GHz Directional Pattern



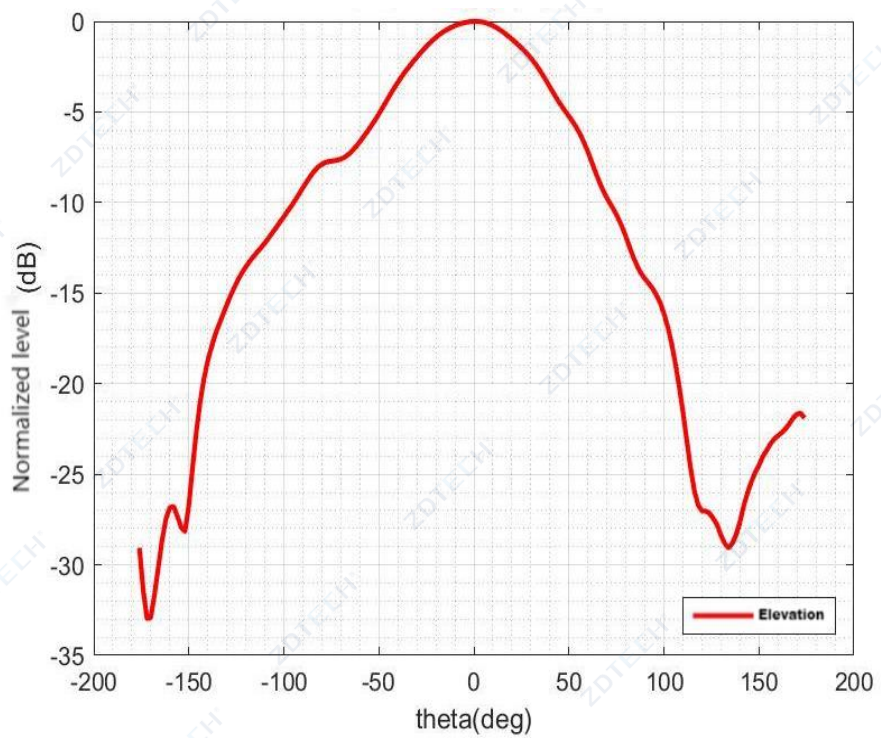
2GHz Directional Pattern



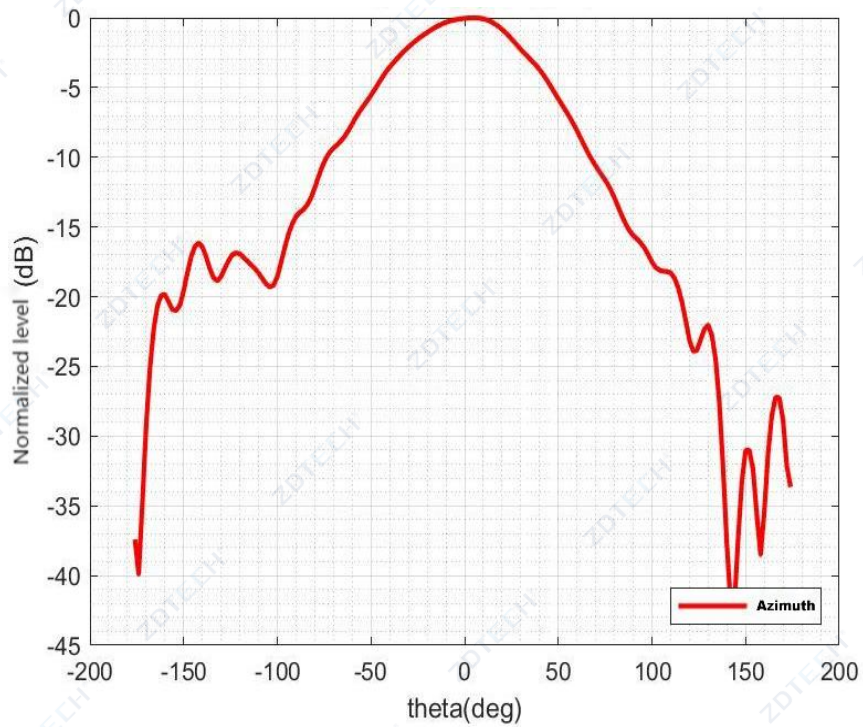
3GHz Directional Pattern



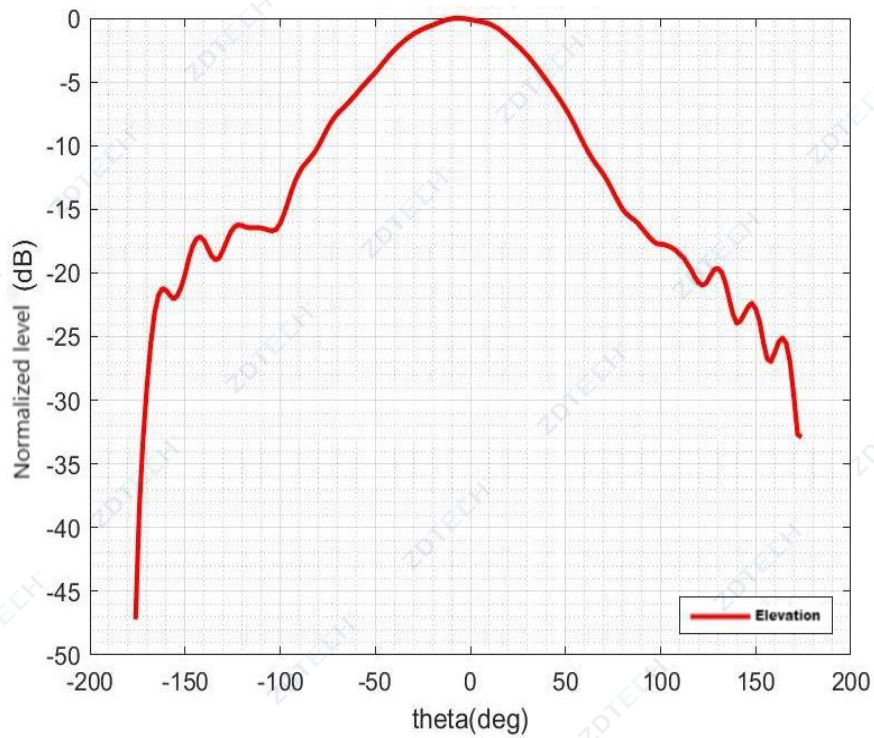
3GHz Directional Pattern



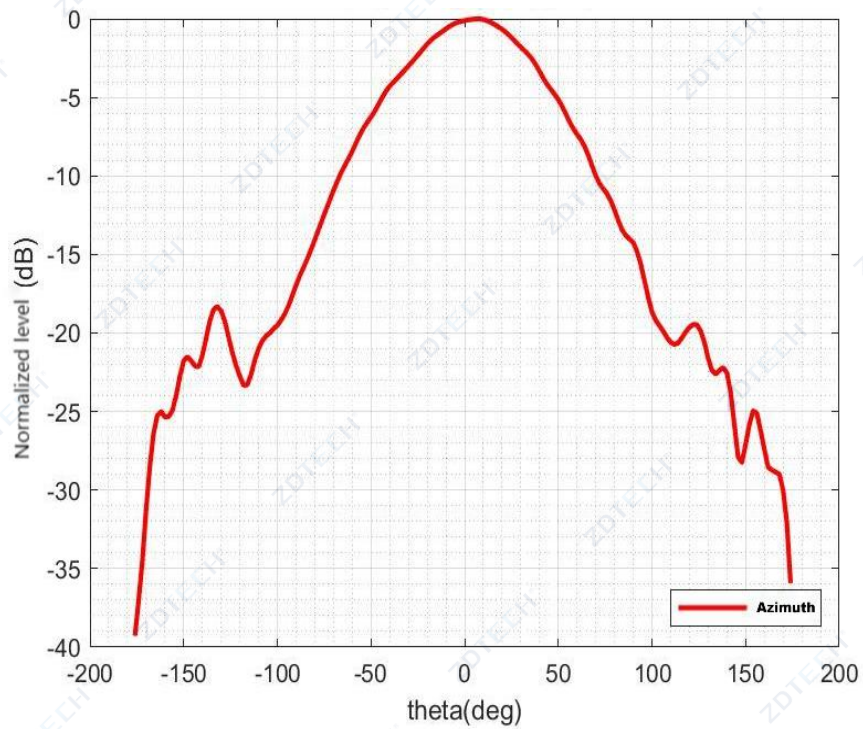
4GHz Directional Pattern



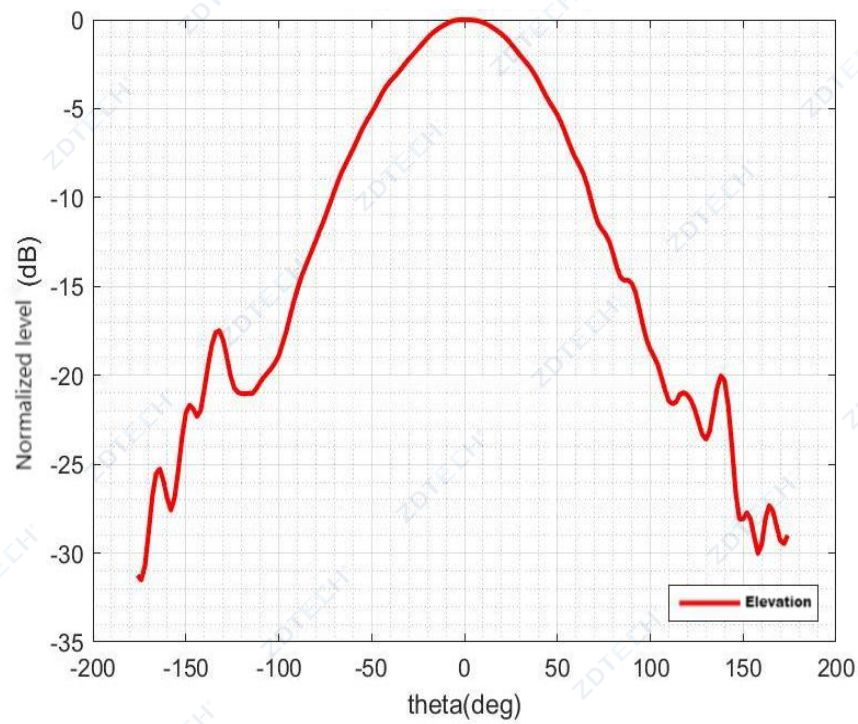
4GHz Directional Pattern



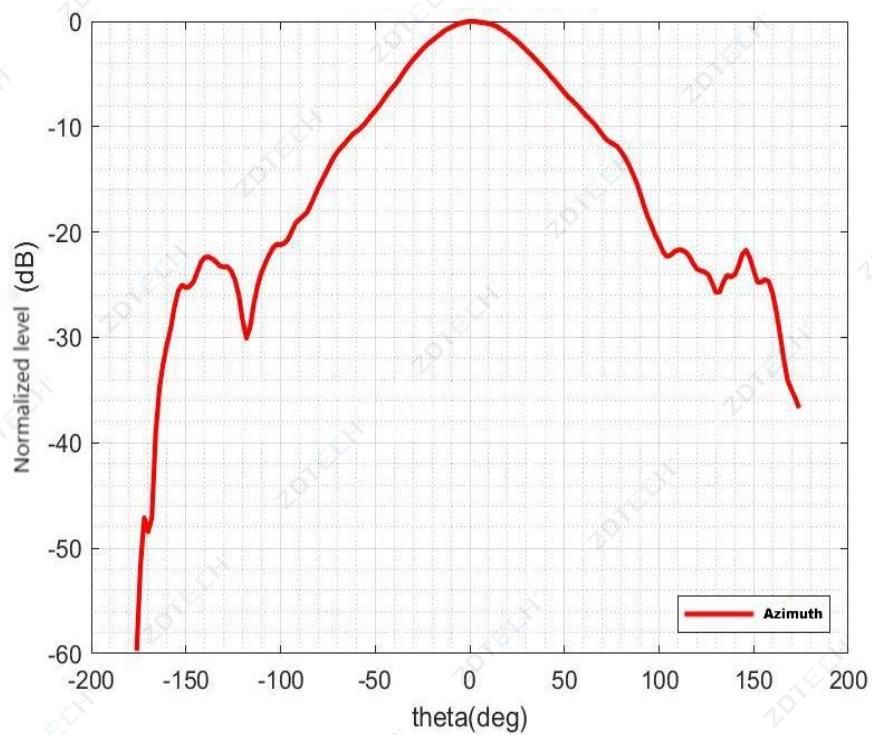
5 GHz Directional Pattern



5 GHz Directional Pattern



6GHz Directional Pattern



6GHz Directional Pattern

