

0.7GHz - 6GHz Horn Antenna

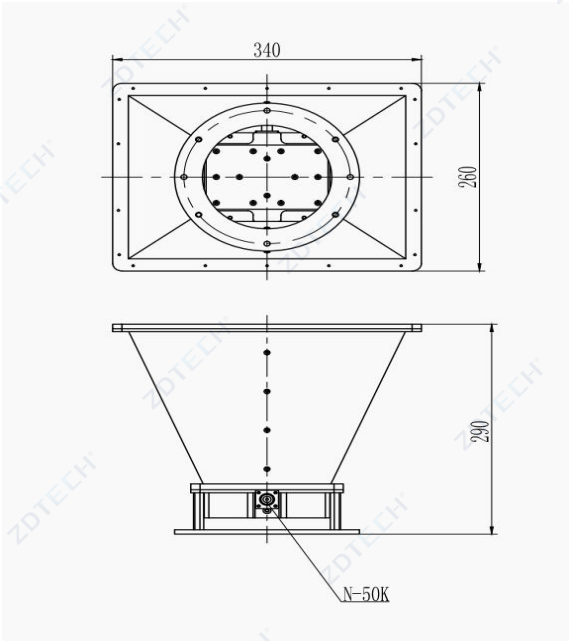
Model: ZD0760



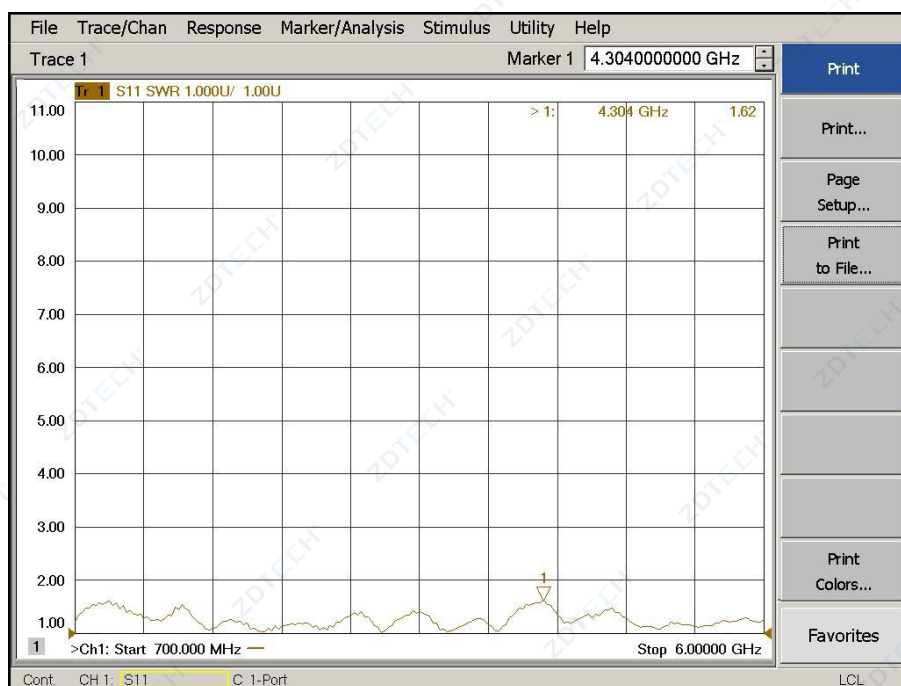
1. Technical Index

Operating Frequency (GHz)	0.7-6
VSWR	≤2.5 (typical)
Gain	≥6dBi
Polarization	Vertical polarization
Reference Dimensions	≤340mm × 260mm × 290mm (L × W × H)
Material	Aluminum alloy
Weight	≤4kg
Operating Temperature	-55°C to +75°C
Storage Temperature	-65°C to +85°C
Connectors	N-50K
Mounting Method	Bend plate mounting
Mounting Accessories	Includes mounting bend plate and screws
Color	Gray

2. Dimensions (Unit: mm)



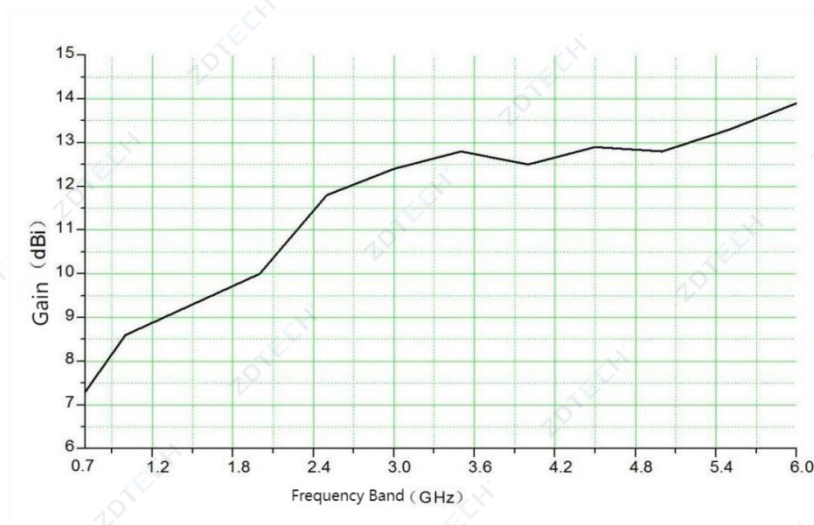
3. VSWR



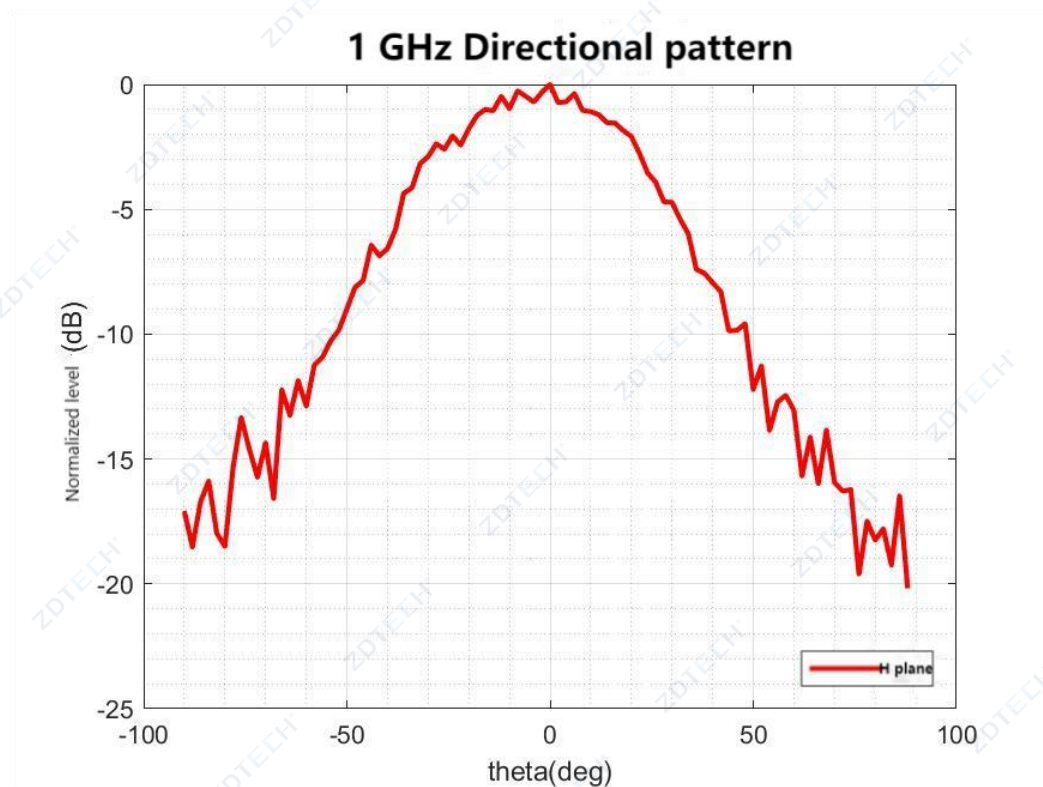
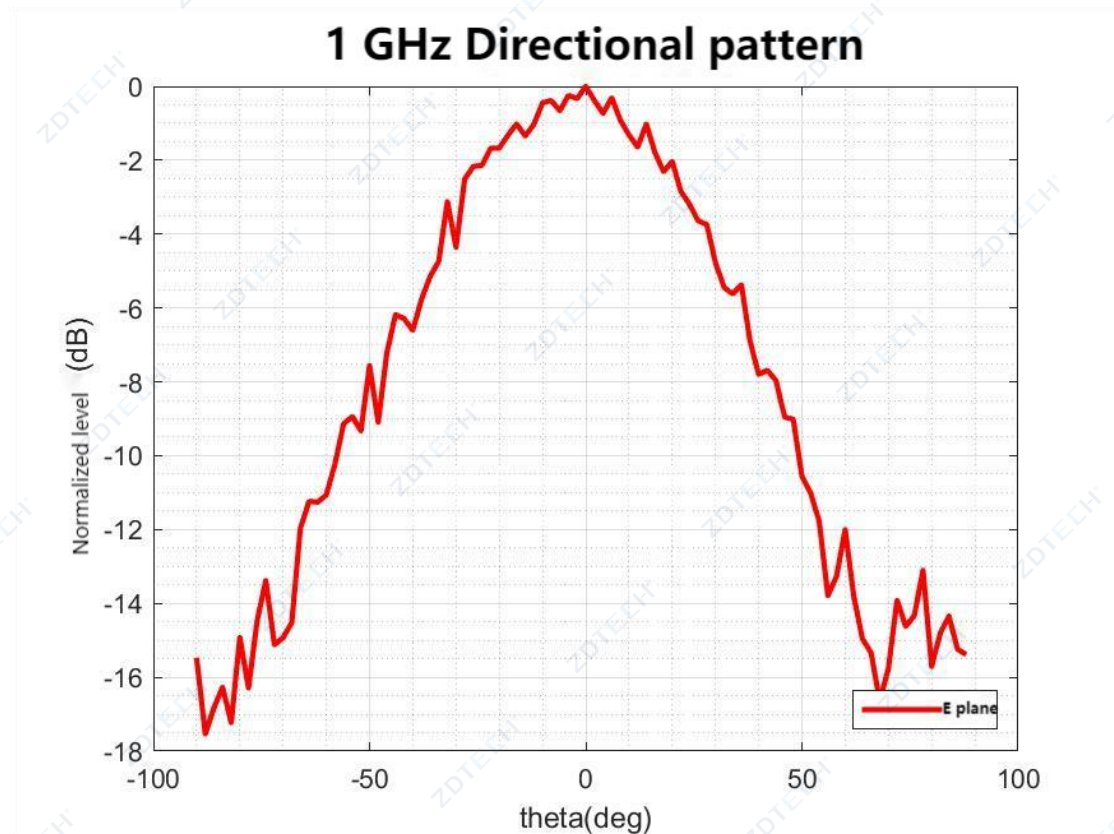
4. Beamwidth

Operating Frequency (GHz)	E-plane 3dB beamwidth(°)	H-plane 3dB beamwidth(°)
0.7	51.4	53.3
1	40.7	35.6
2	28.2	46.0
3	28.2	42.3
4	32.2	45.0
5	18.6	45.7
6	51.4	53.3

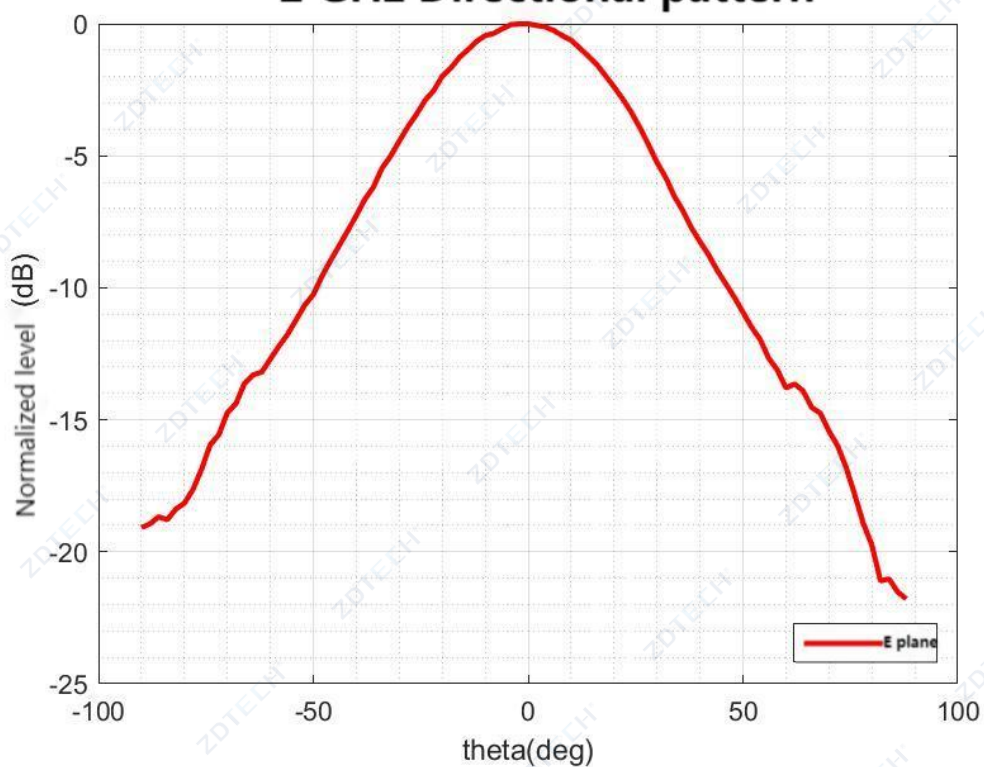
5. Gain Curve



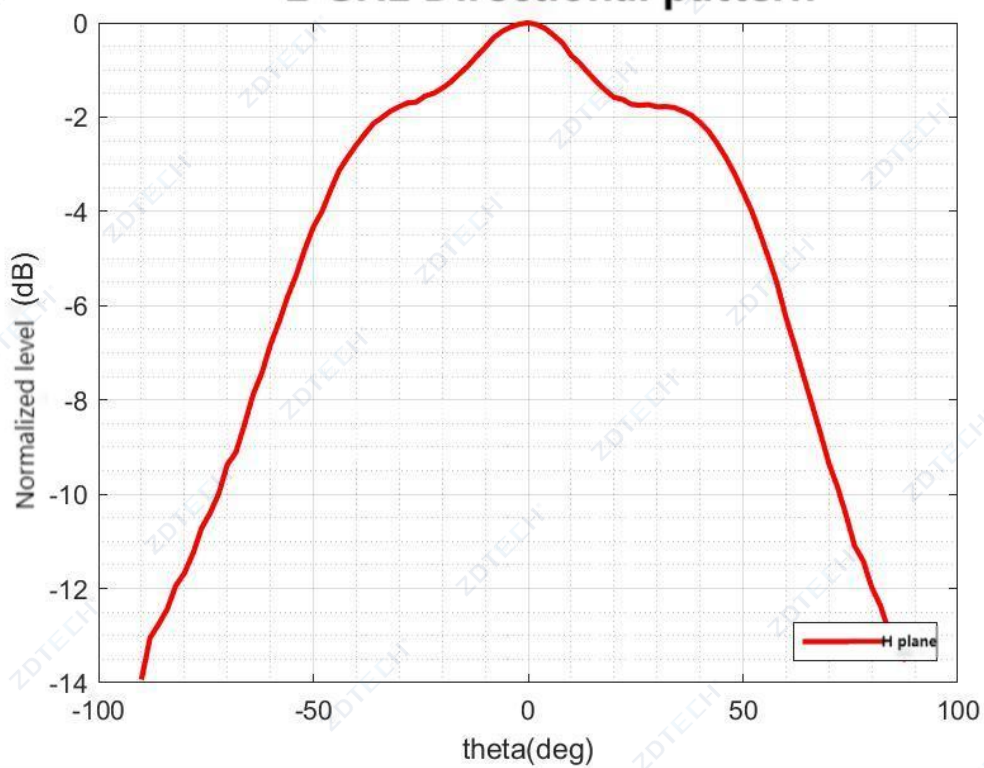
6. Typical Directional Pattern



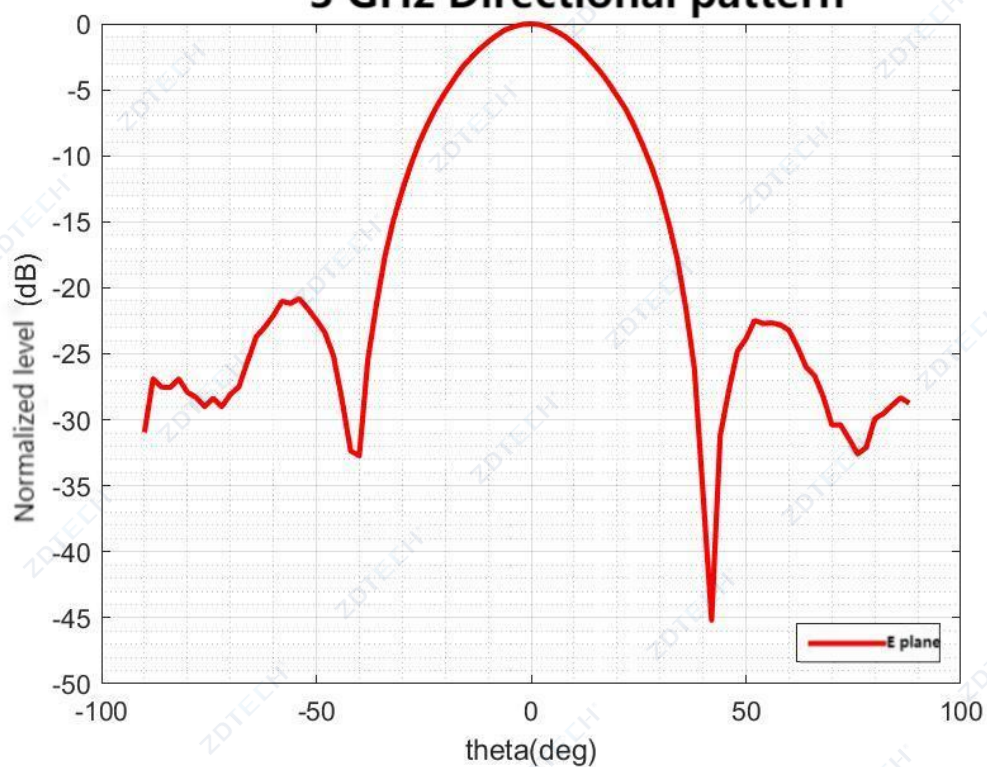
2 GHz Directional pattern



2 GHz Directional pattern



3 GHz Directional pattern



3 GHz Directional pattern

