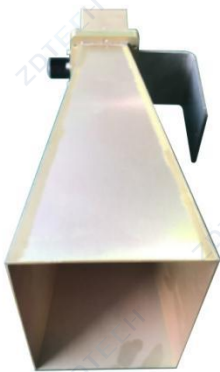


6GHz -18GHz Horn Antenna

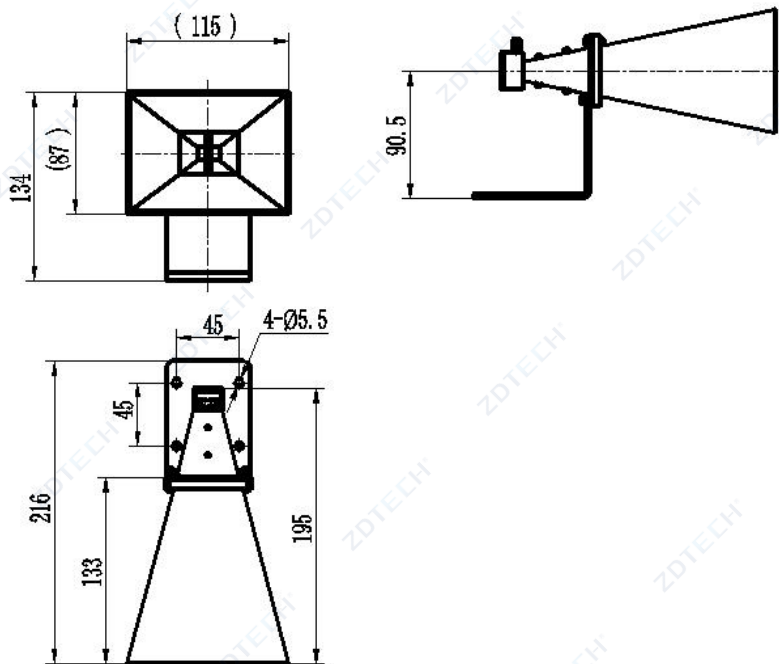
Model: ZD60180



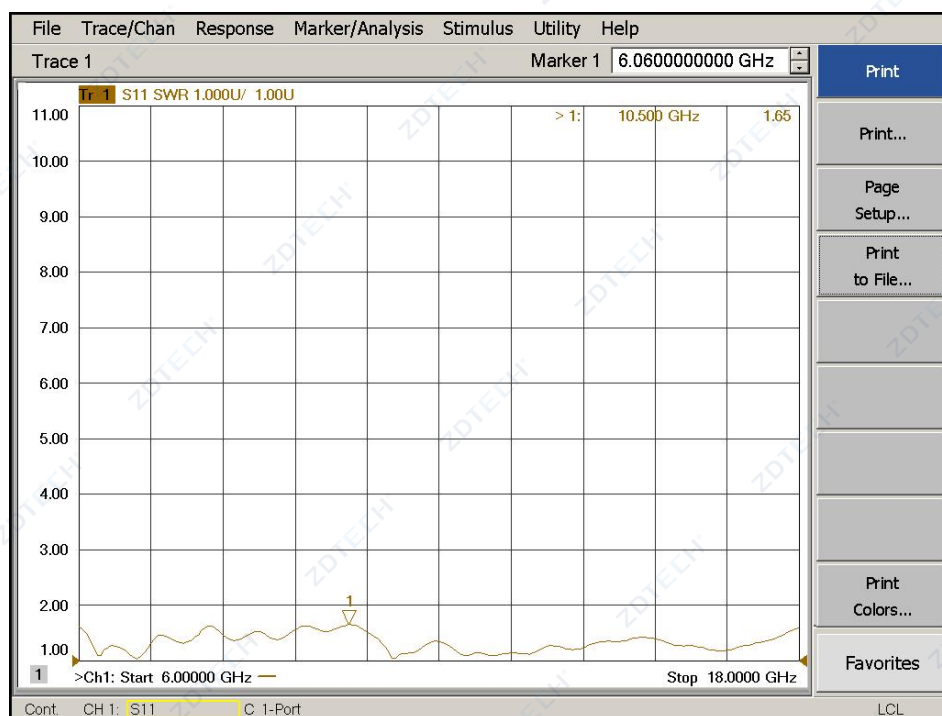
1. Technical Index

Operating Frequency (GHz)	6-18
VSWR	<2.0
Gain	>10dBi
Polarization	Linear Polarization
3dB Beamwidth	10°-40°
Maximum Power Capacity	50W
Reference Dimensions	115mm × 87mm × 195mm (Excluding mounting bracket)
Operating Temperature	-55°C to +75°C
Storage Temperature	-65°C to +85°C
Connectors	SMA Mount
Mounting Method	Bend Plate Mounting
Mounting Accessories	Includes mounting bend plate and screws
Color	Gray/Military Green/Black
Material	Aluminum Alloy

2. Dimensions (Unit: mm)



3. VSWR

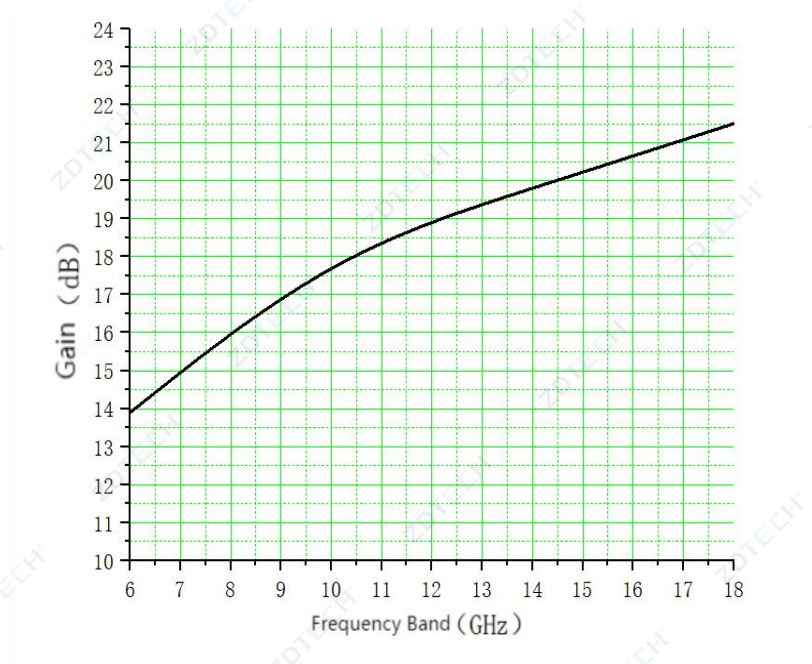


4. Beamwidth

Operating Frequency (GHz)	E-plane 3dB beamwidth(°)	H-plane 3dB beamwidth(°)
6.0	33.7	38.7
10.0	20.7	24.9
14.0	16.9	19.2
18.0	14.4	15.7

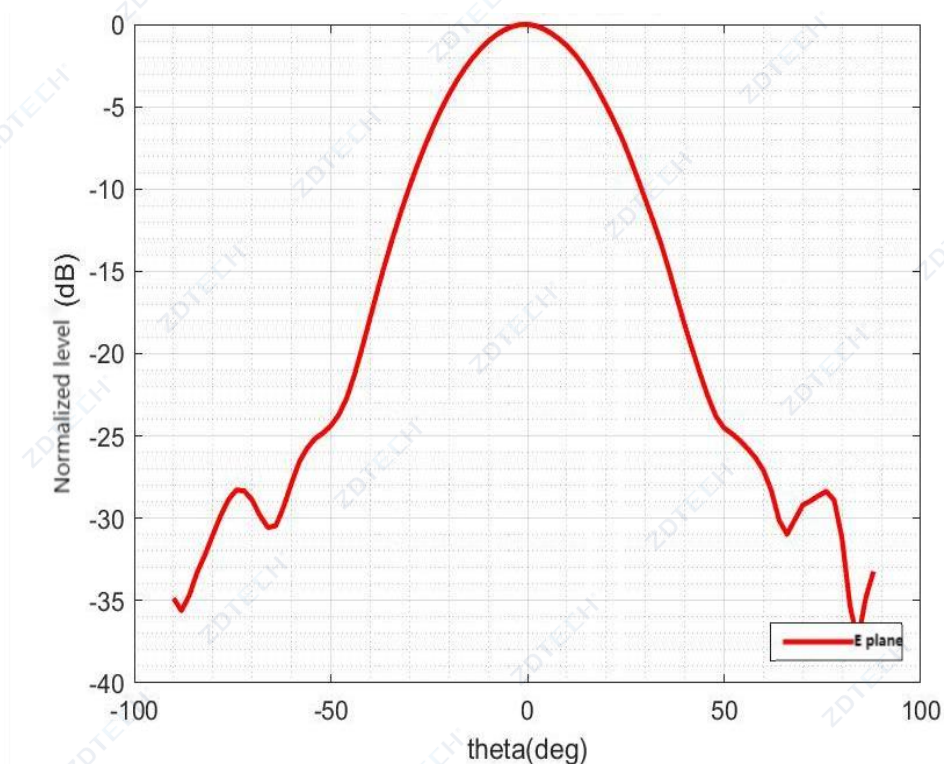
5. Gain Curve

6-18GHz Horn Antenna Gain Curve

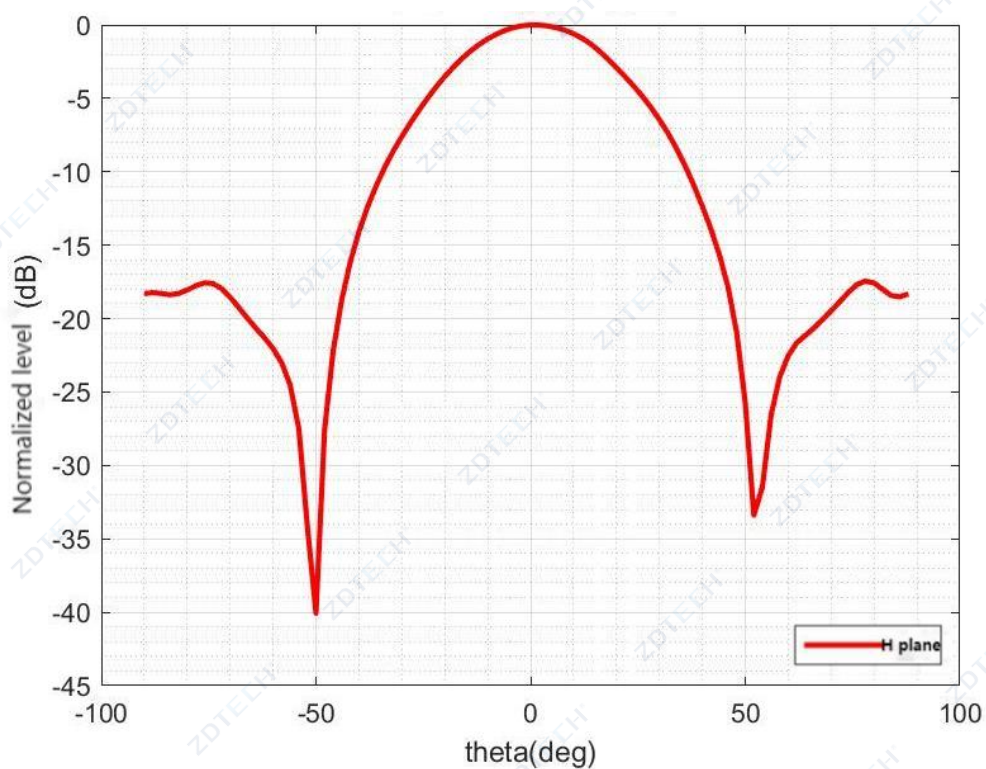


6. Typical Directional Pattern

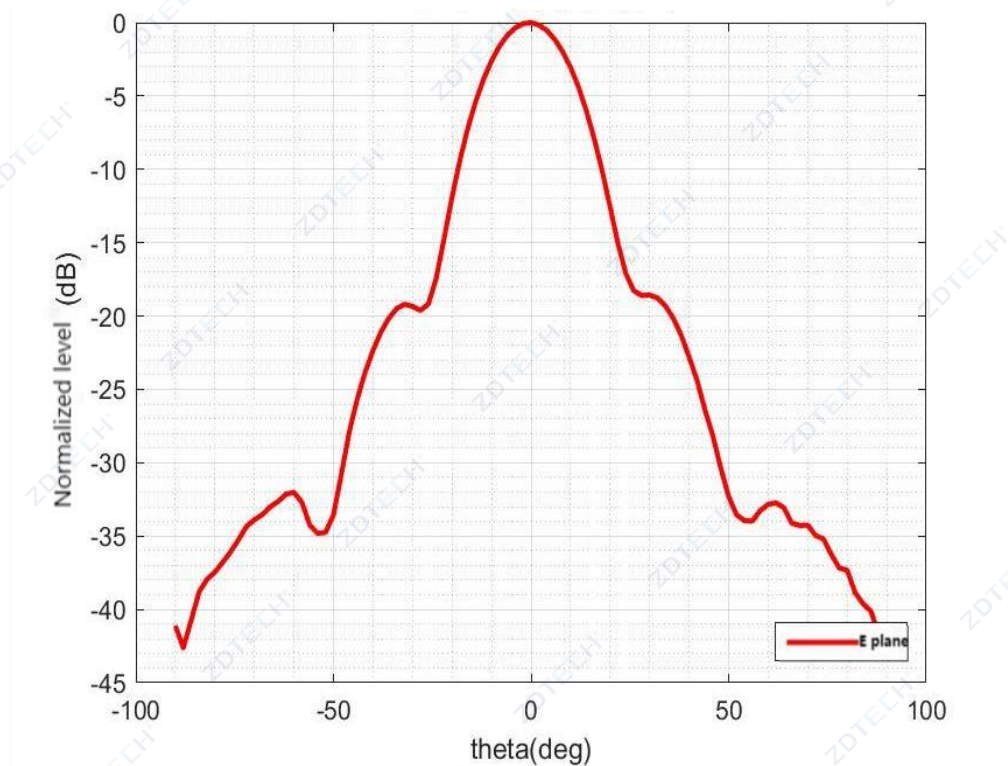
6GHz Directional Pattern



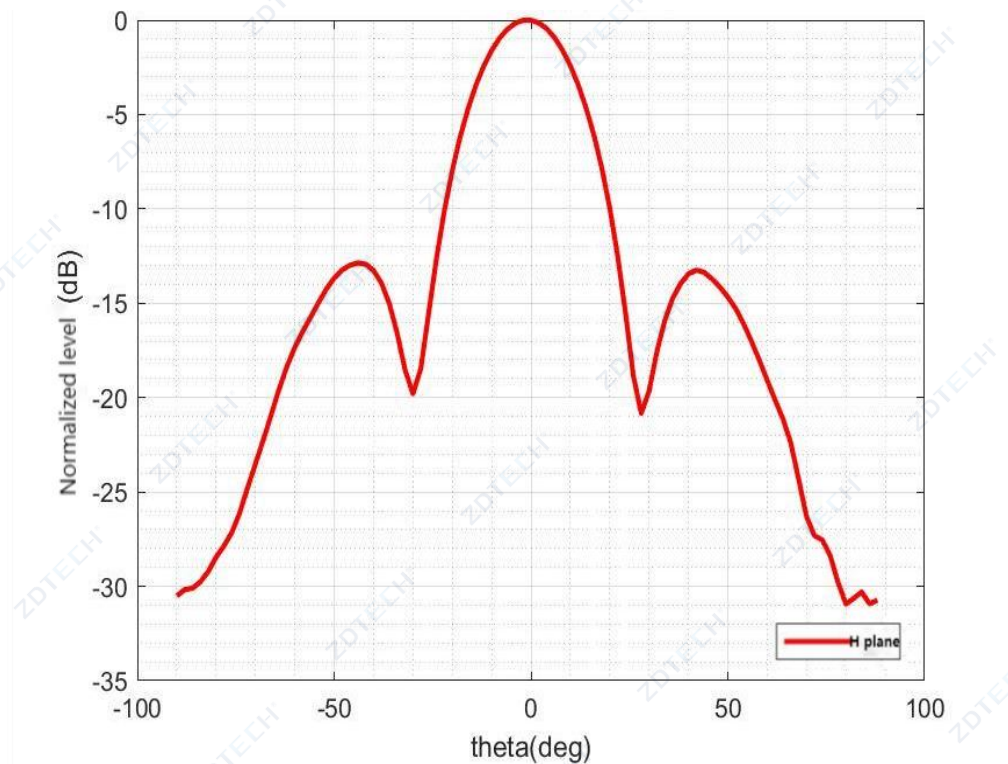
6GHz Directional Pattern



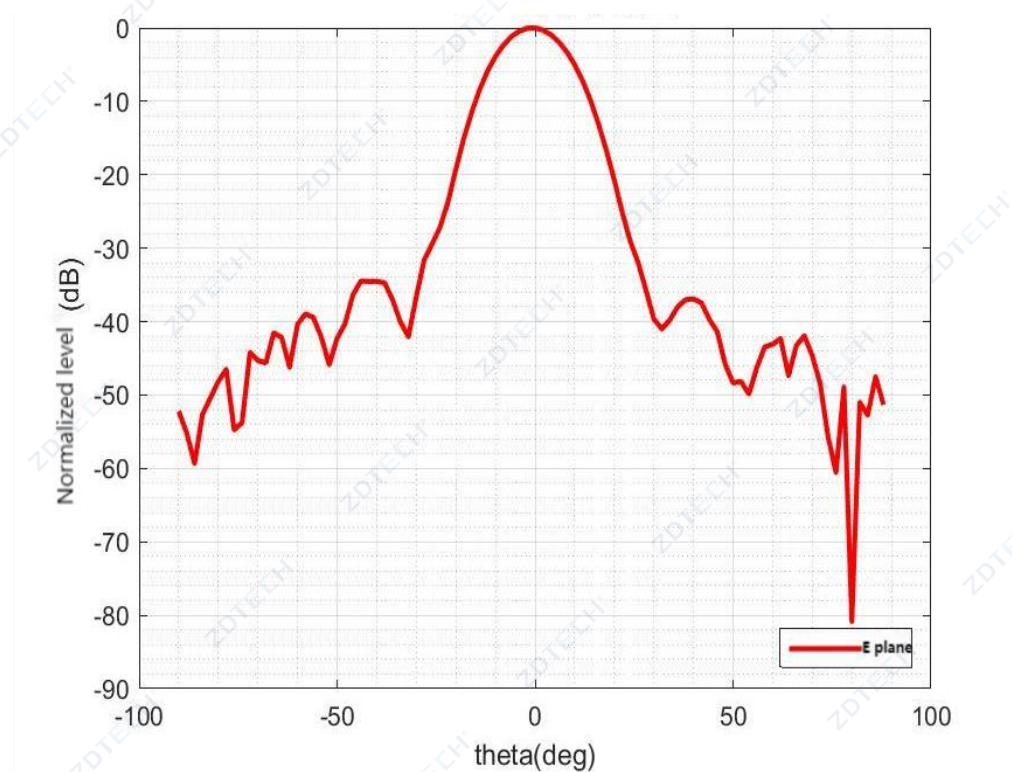
10GHz Directional Pattern



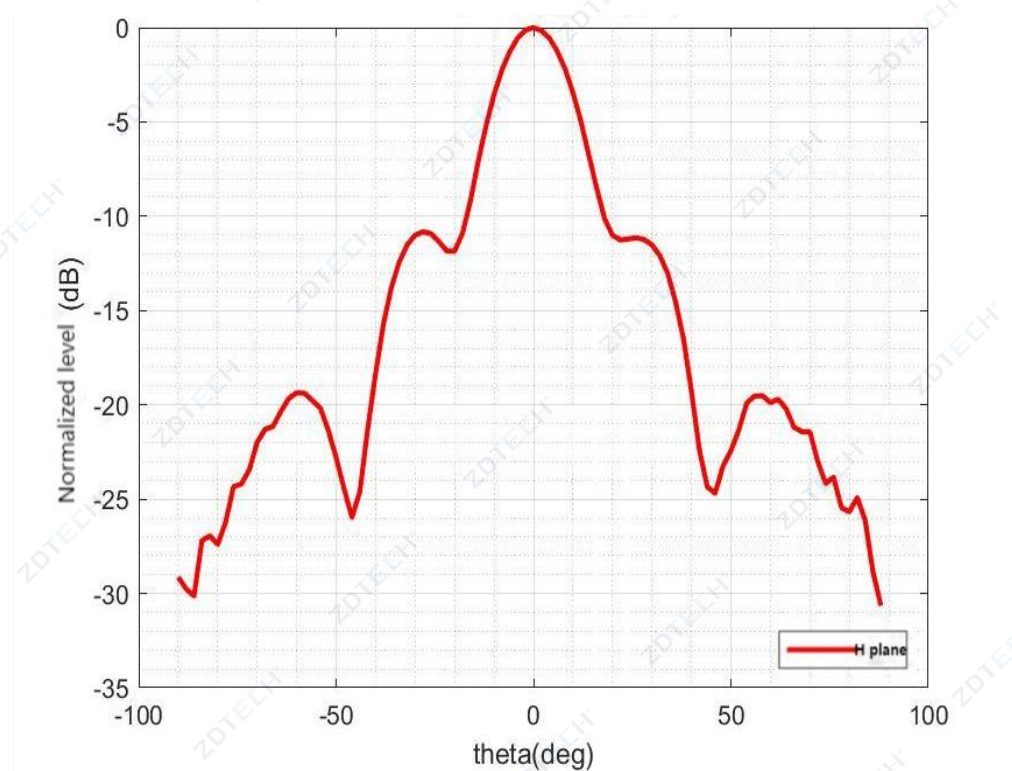
10GHz Directional Pattern



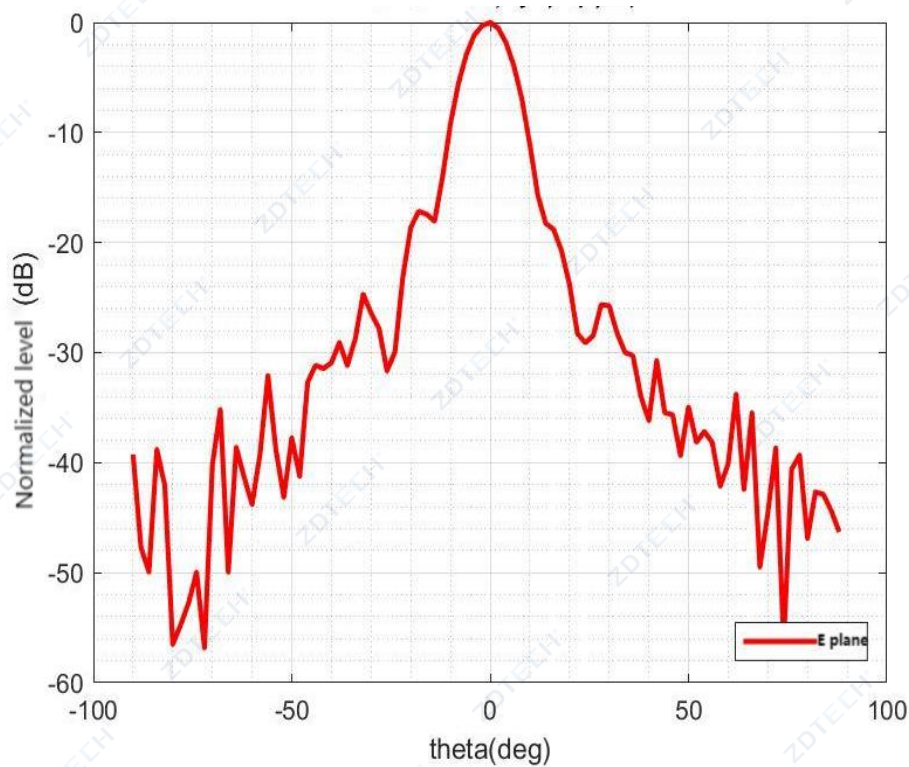
14GHz Directional Pattern



14GHz Directional Pattern



18GHz Directional Pattern



18GHz Directional Pattern

