

0.7 -6GHz Dual-Polarization Horn Antenna

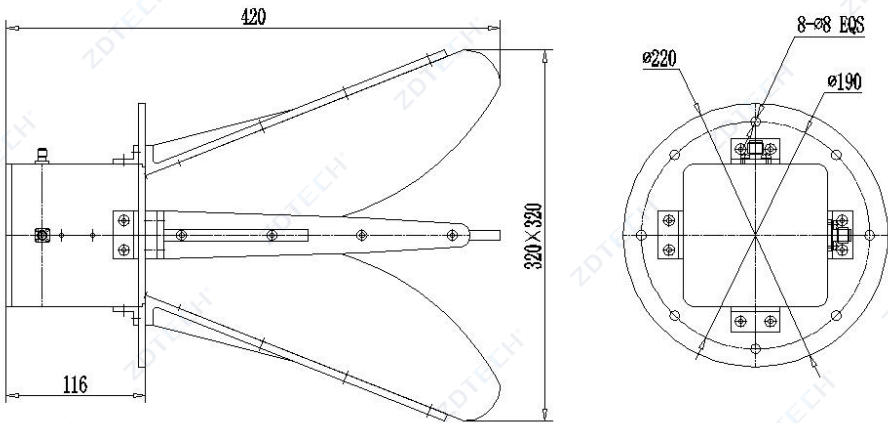
Model: ZD0760



1. Technical Index

Operating Frequency (GHz)	0.7-6
VSWR	≤2.5 (typical)
Gain	≥3-13 dBi
Polarization	Dual Polarization
3dB Beamwidth	25°-125°
Port Isolation (dB)	>20 dB
Power	20W
Reference Dimensions	≤320mm × 320mm × 420mm
Weight	≤5kg
Material	Aluminum
Operating Temperature	-40°C to +70°C
Storage Temperature	-55°C to +80°C
Interface	SMA-50K
Coating	Chemical Conductive Oxidation

2. Dimensions (Unit: mm)



3. VSWR

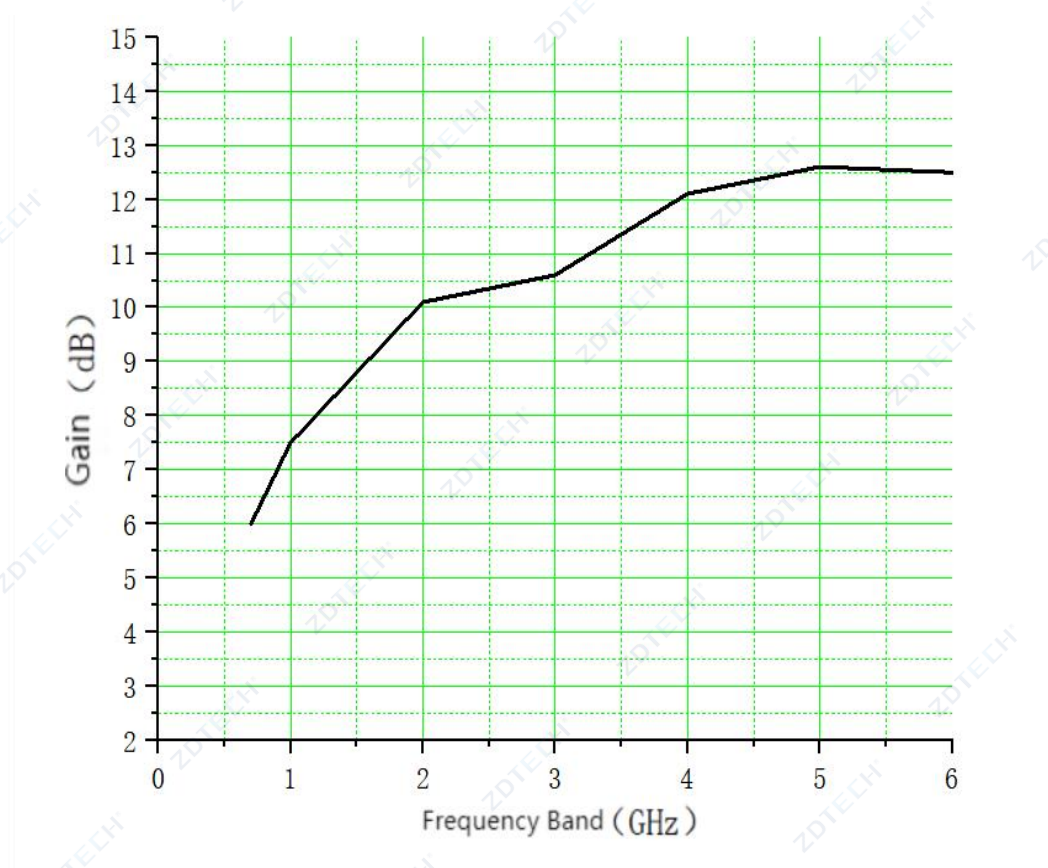


4. Beamwidth

Operating Frequency (GHz)	E-plane 3dB beamwidth(°)	H-plane 3dB beamwidth(°)
0.7	91.4	92.5
1.0	84.2	82.8
2.0	60.6	58.5
3.0	41.0	40.4
4.0	31.2	33.3
5.0	31.7	34.2
6.0	21.3	24.1

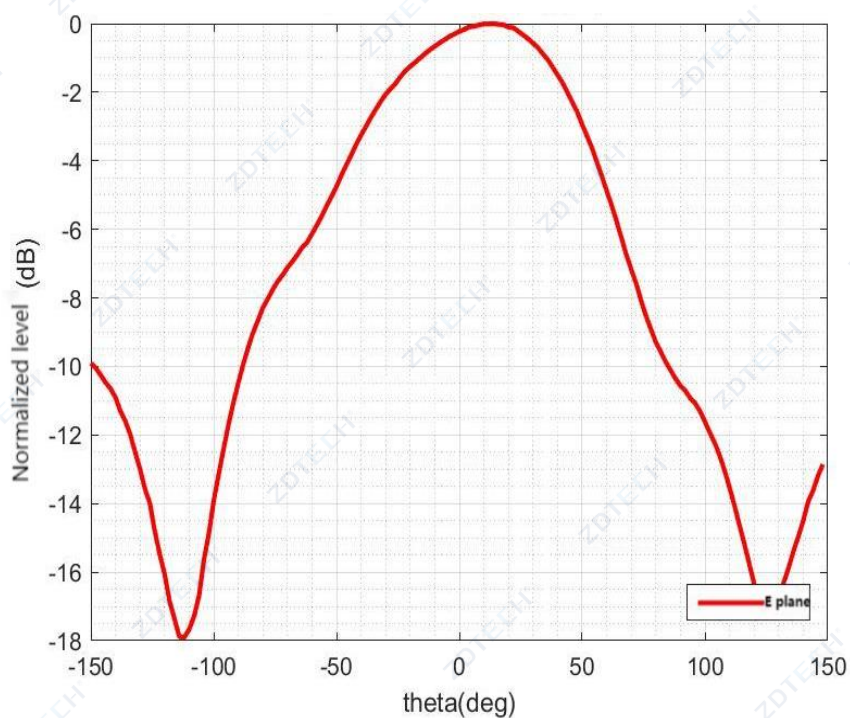
5. Gain Curve

0.7-6GHz Horn Antenna Gain Curve

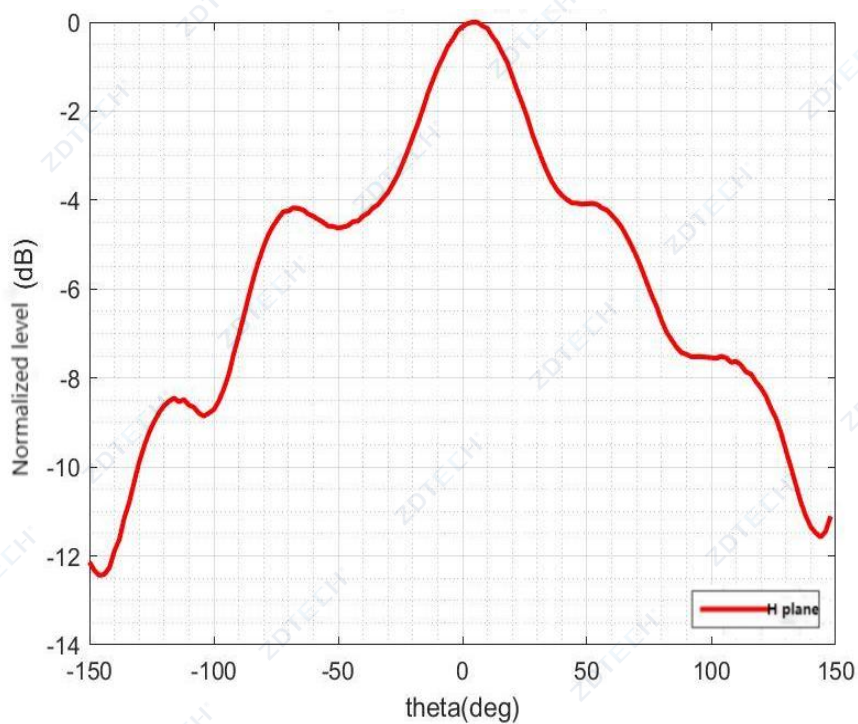


6. Typical Directional Pattern

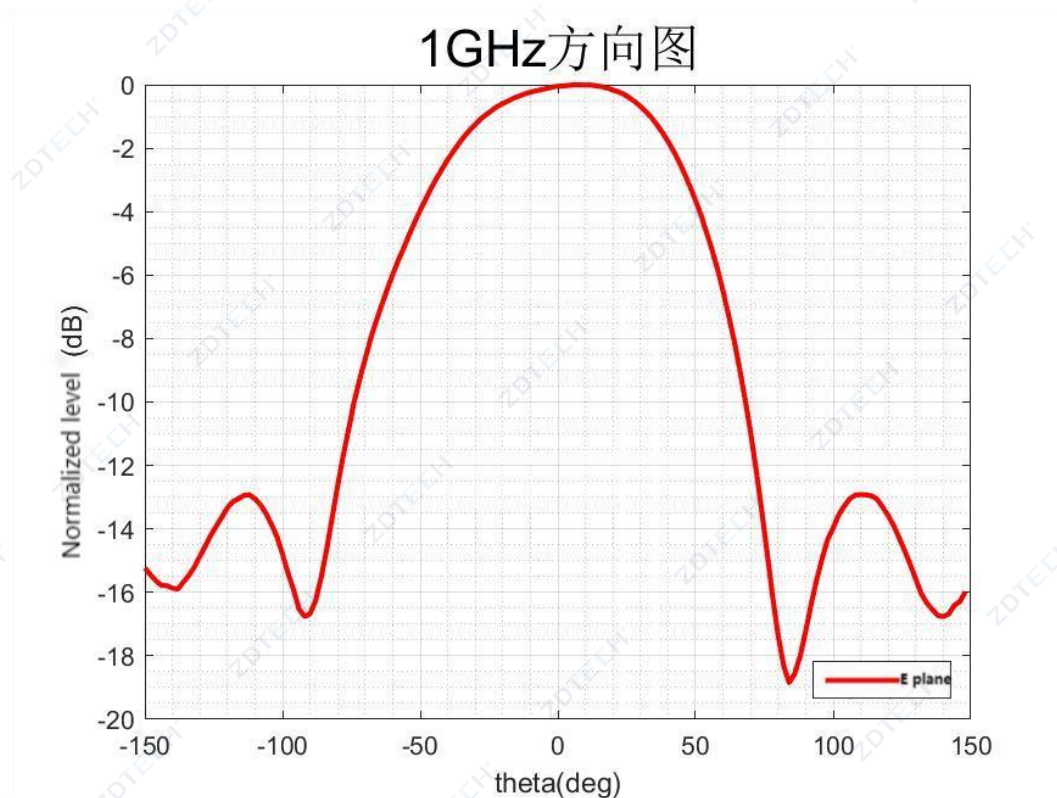
0.7GHz Directional Pattern



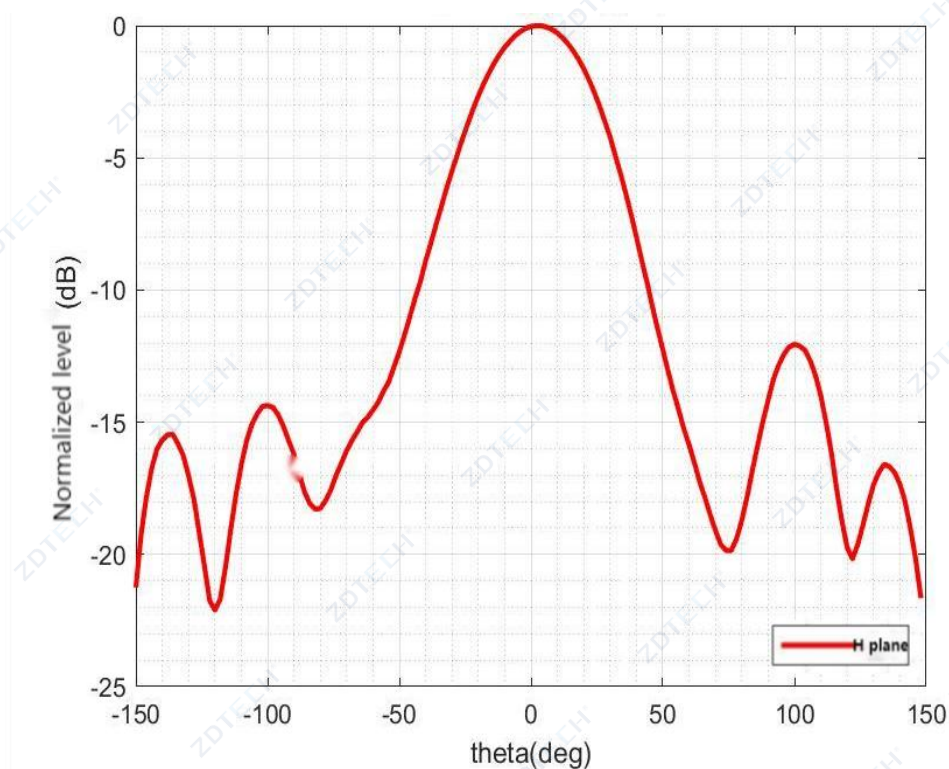
0.7GHz Directional Pattern



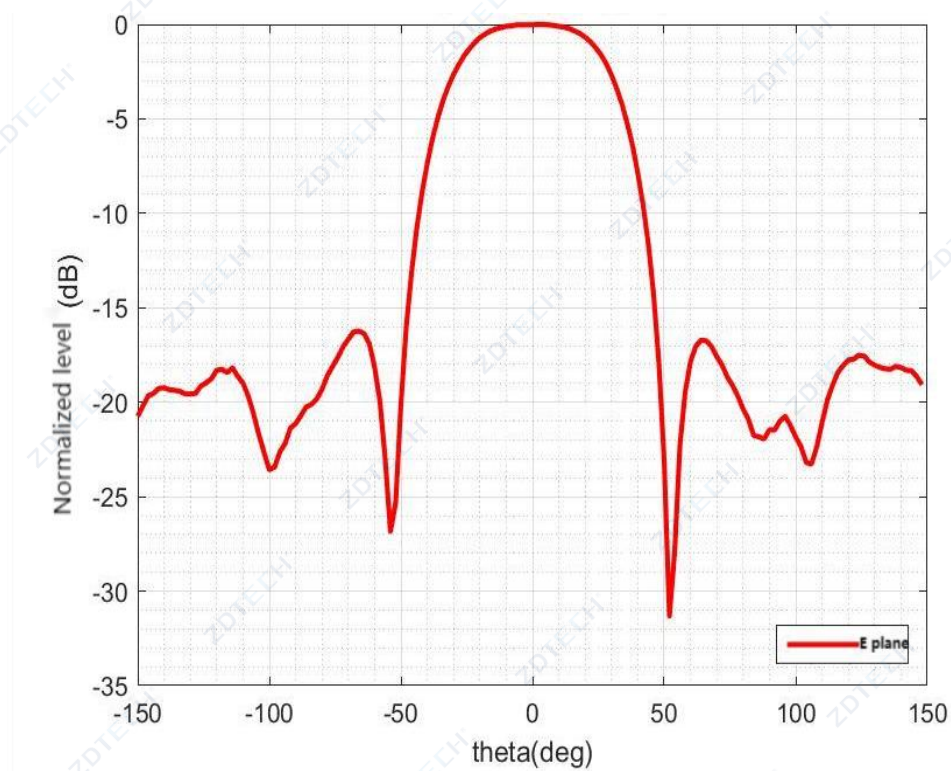
1GHz Directional Pattern



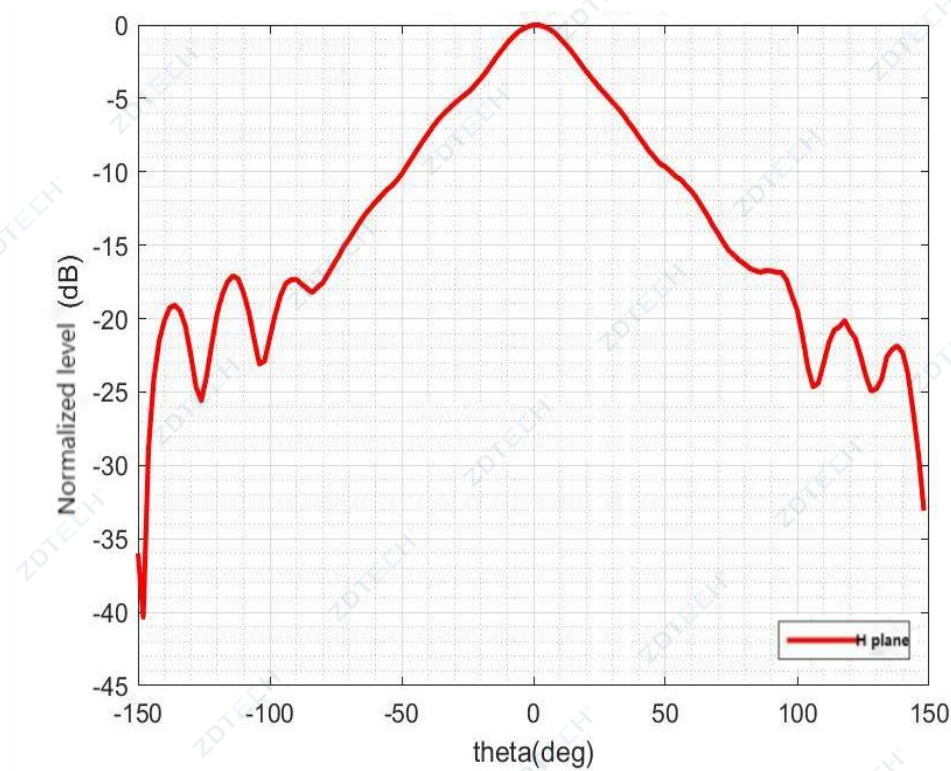
1GHz Directional Pattern



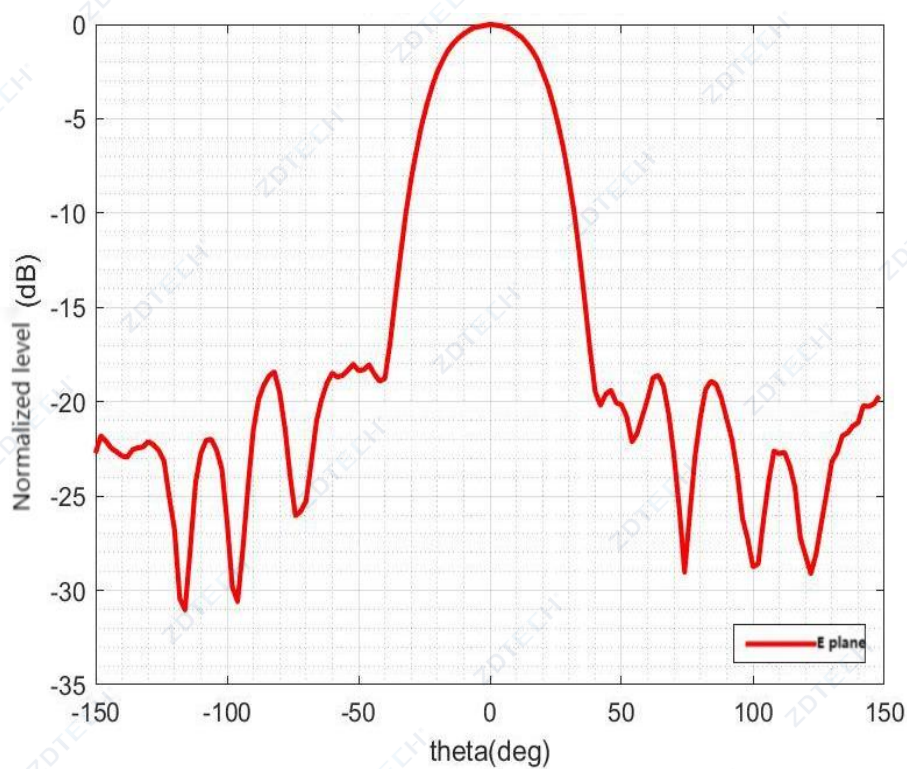
2GHz Directional Pattern



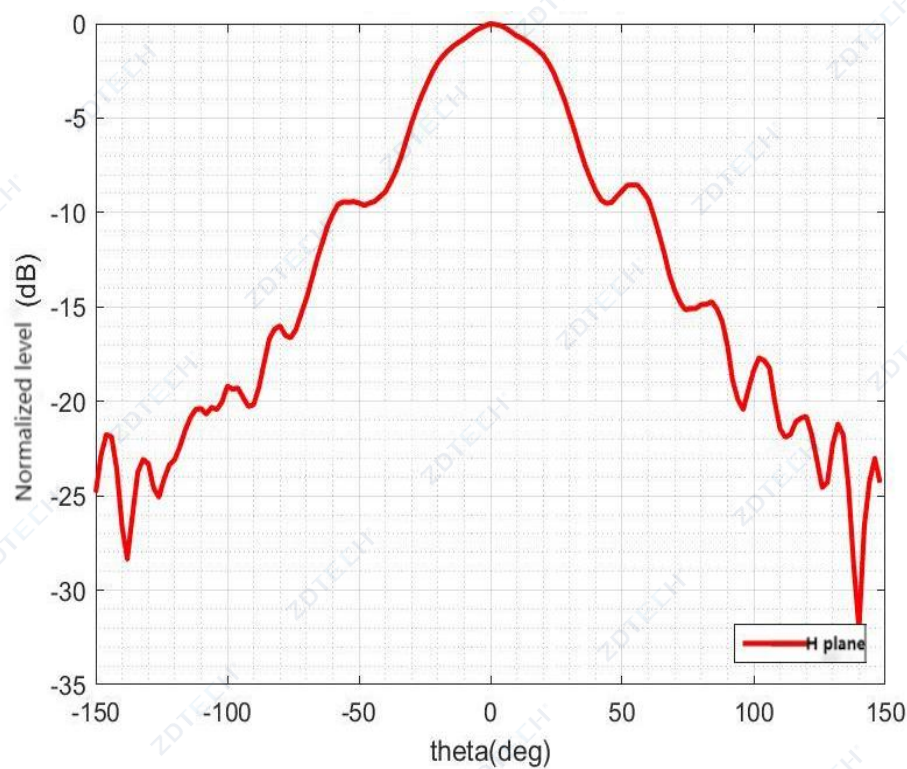
2GHz Directional Pattern



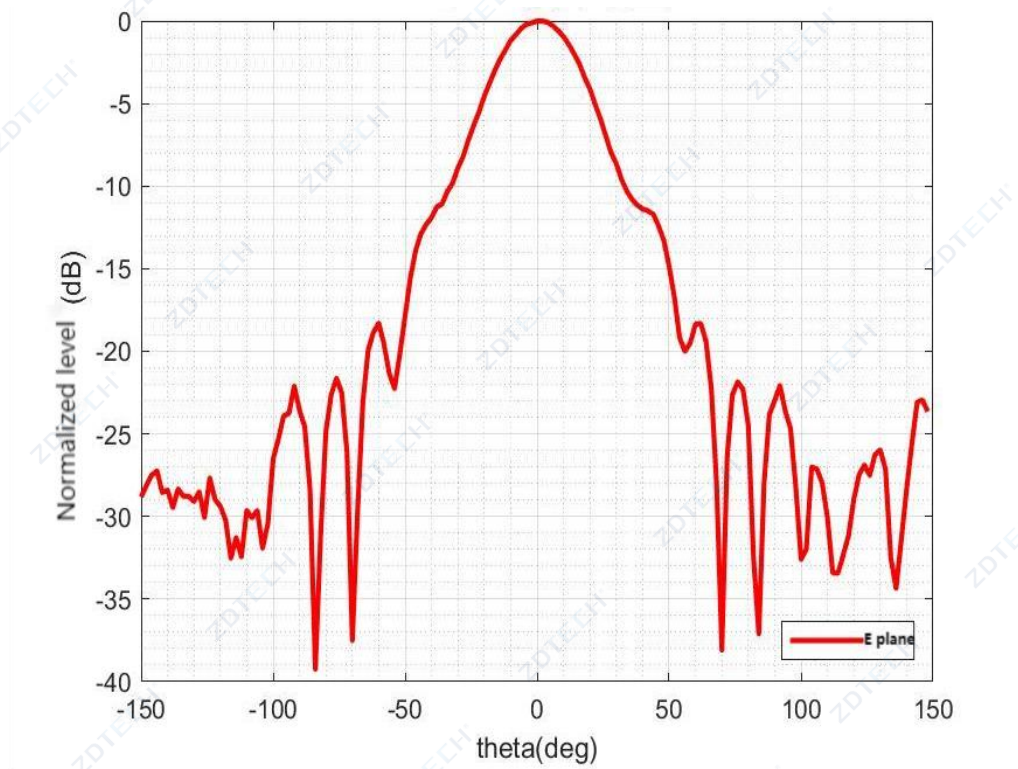
3GHz Directional Pattern



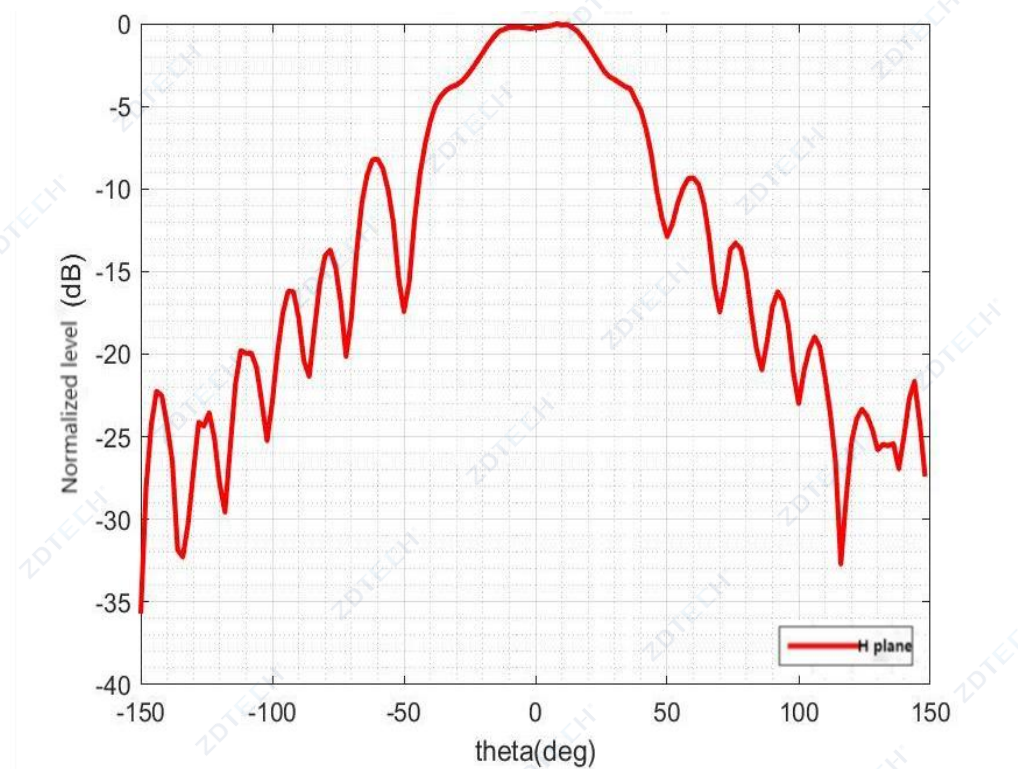
3GHz Directional Pattern



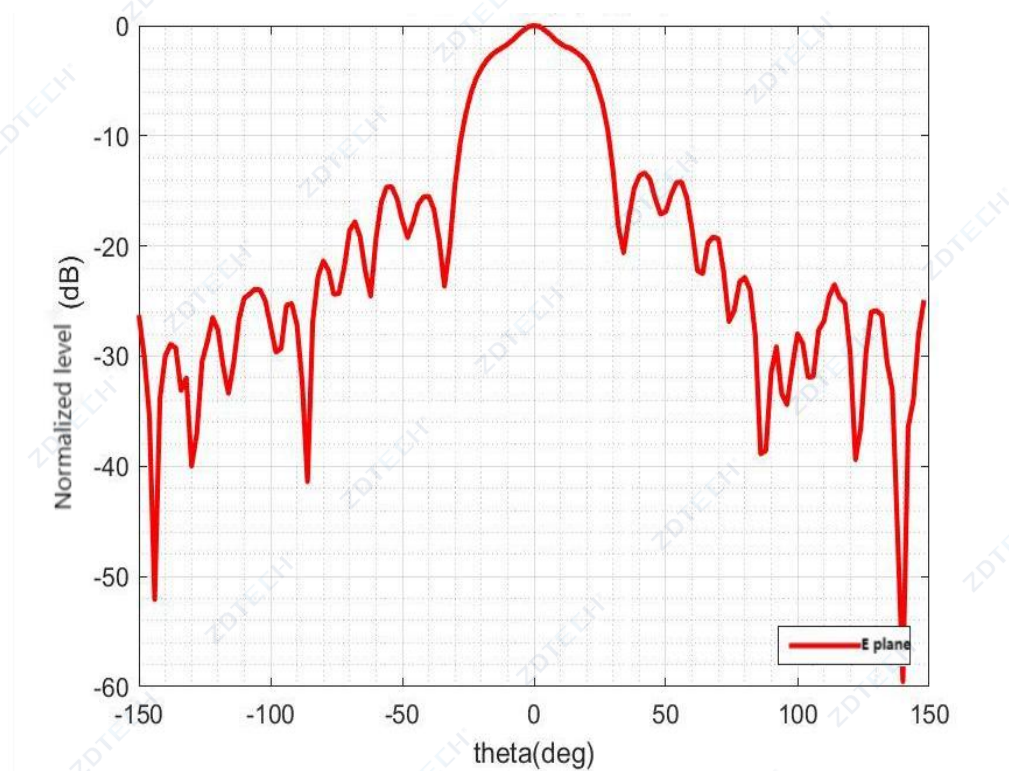
4GHz Directional Pattern



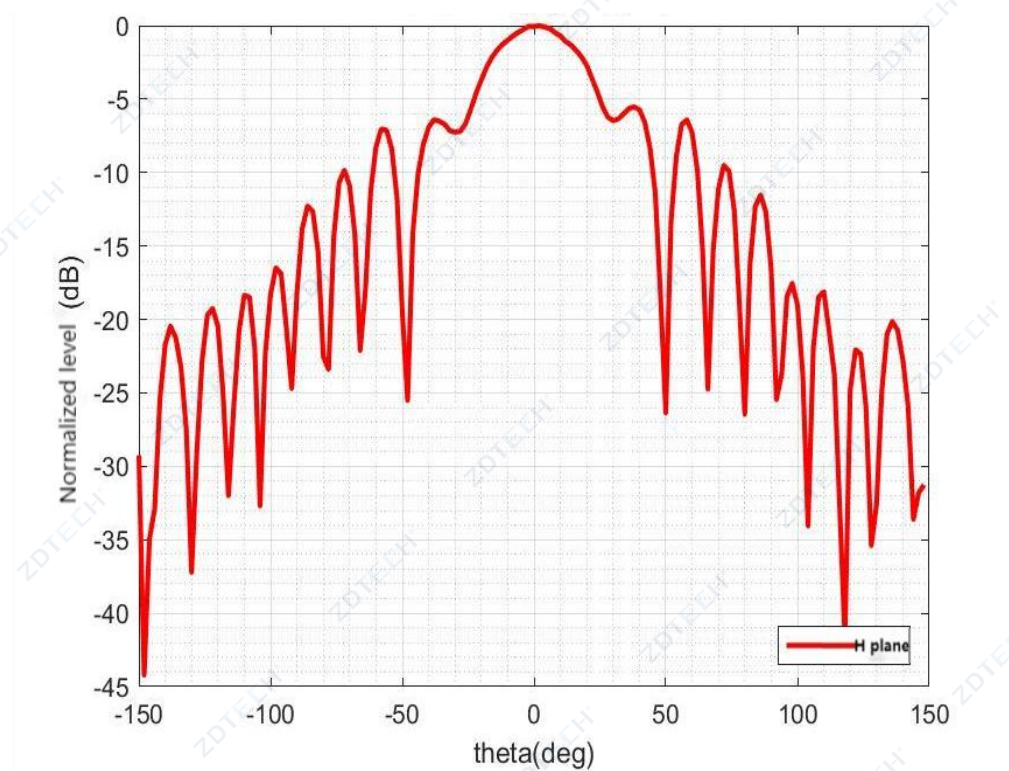
4GHz Directional Pattern



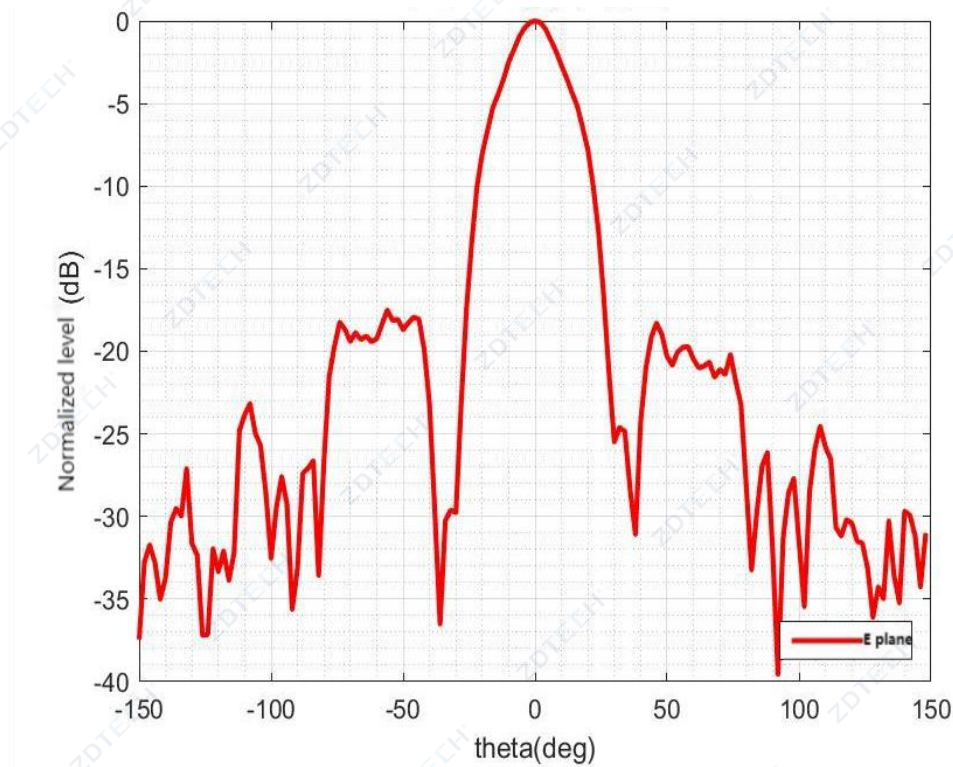
5GHz Directional Pattern



5GHz Directional Pattern



6GHz Directional Pattern



6GHz Directional Pattern

