

2GHz -18GHz Double Ridge Horn Antenna

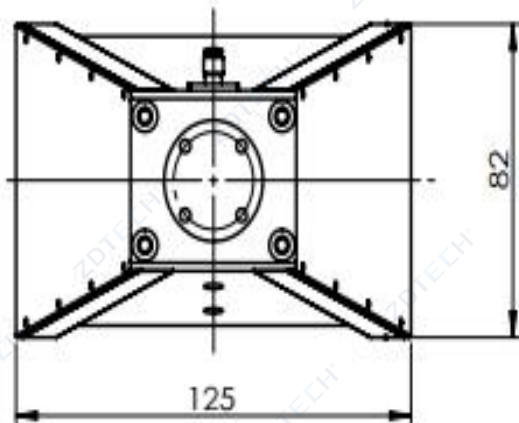
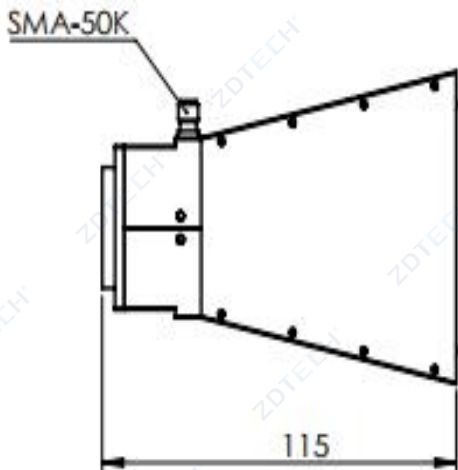
Model: ZD20180



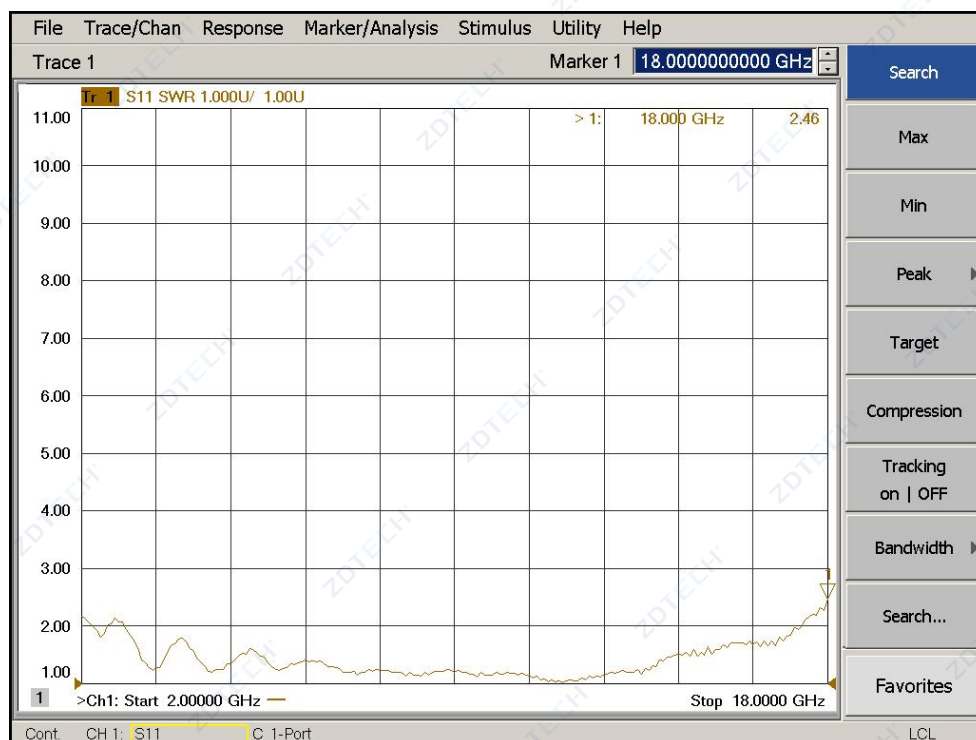
1. Technical Index

Operating Frequency (GHz)	2-18
VSWR	<2.5
Gain	6.5-14dBi
Polarization	Linear polarization
3dB Beamwidth	E-plane: 63°-14°; H-plane: 101°-45°
Reference Dimensions	125mm×82mm×115mm
Operating Temperature	-55°C to +75°C
Storage Temperature	-65°C to +85°C
Connectors	SMA-50K
Weight (KG)	0.4
Color	Sandblasting
Material	Aluminum alloy

2. Dimensions (Unit: mm)



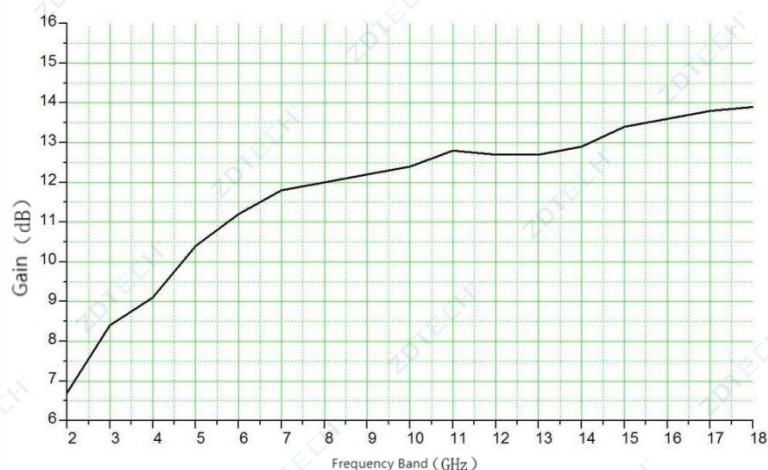
3. VSWR



4. Beamwidth

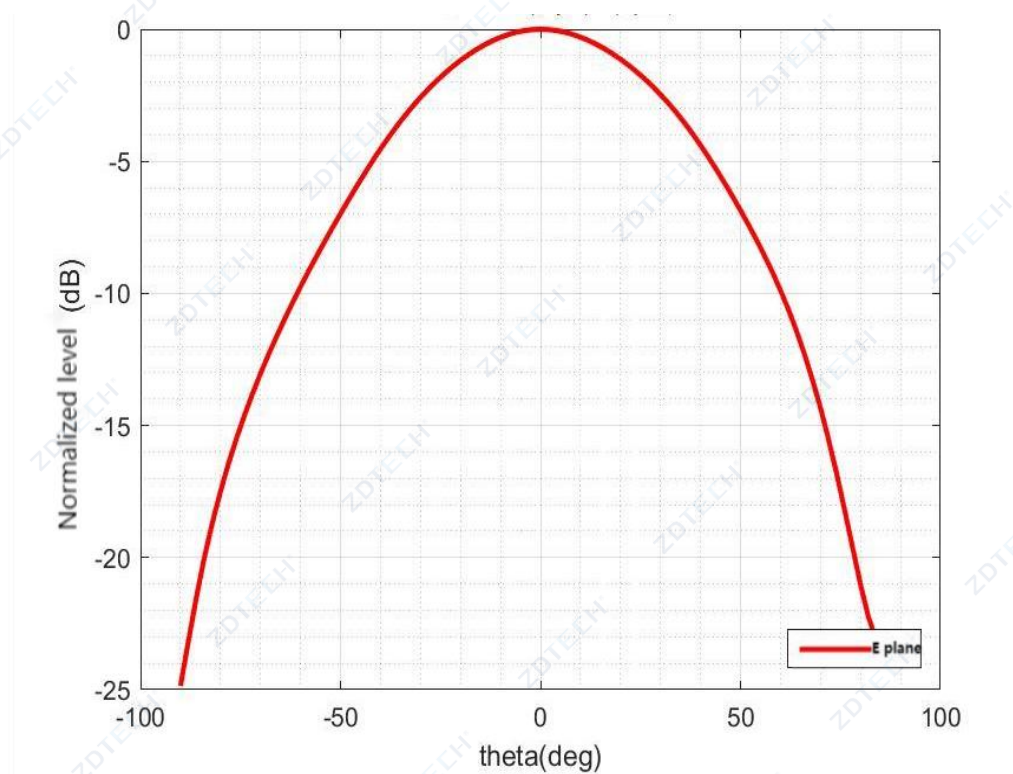
Operating Frequency (GHz)	E-plane 3dB beamwidth(°)	H-plane 3dB beamwidth(°)
2.0	62.1	73.2
4.0	39.3	44.9
6.0	33.8	38.1
8.0	25.1	33.0
10.0	20.4	40.5
12.0	15.6	20.4
14.0	16.3	19.0
16.0	12.9	15.1
18.0	18.4	11.7

5. Gain Curve

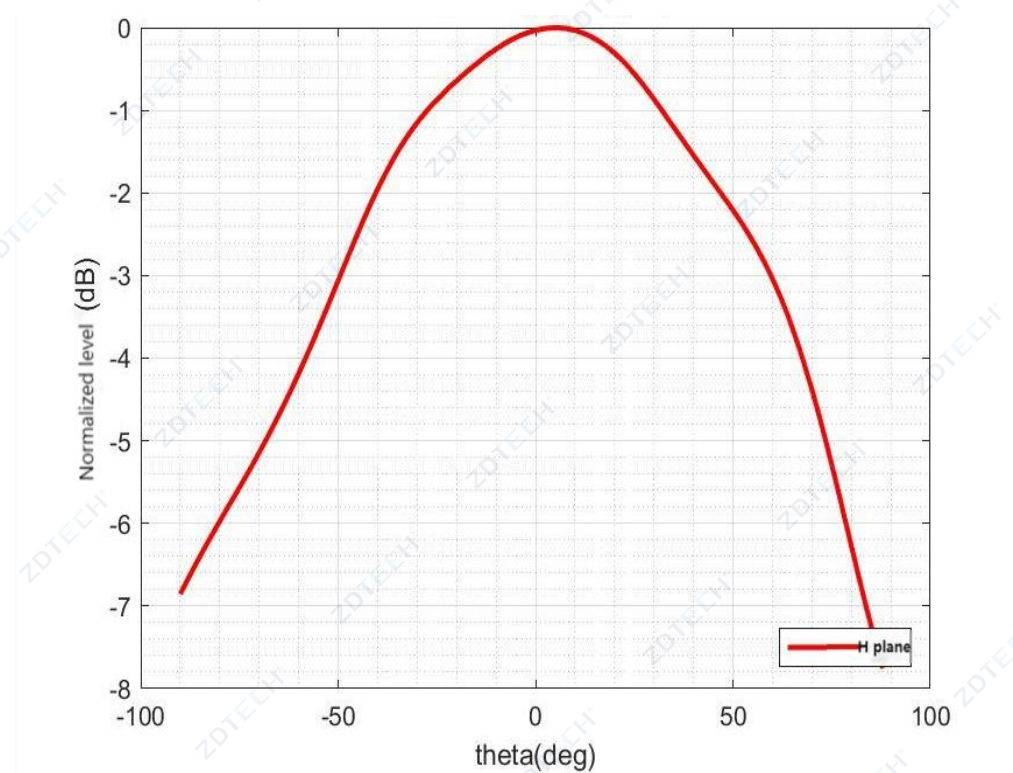


6. Typical Directional Pattern

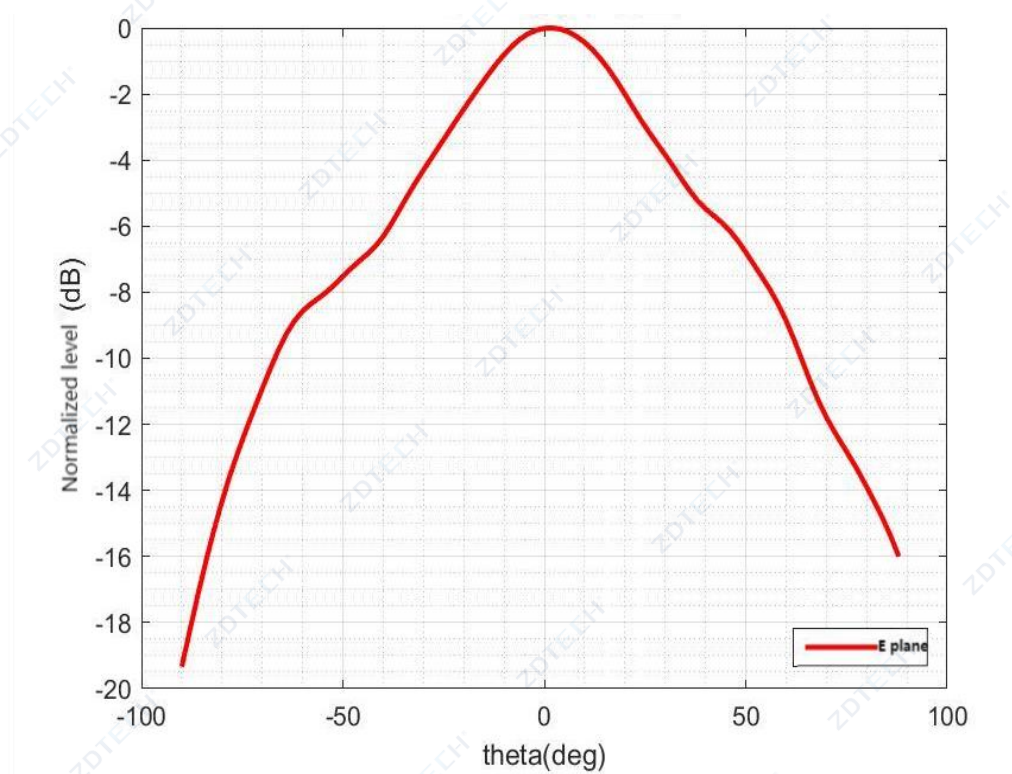
2GHz Directional Pattern



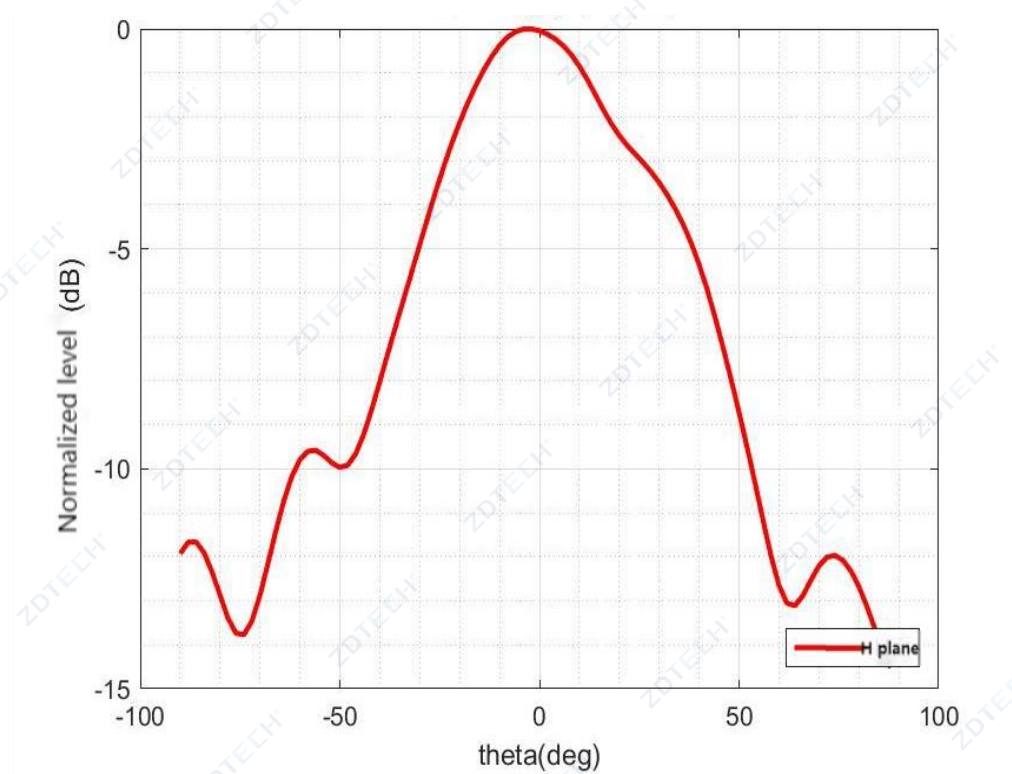
2GHz Directional Pattern



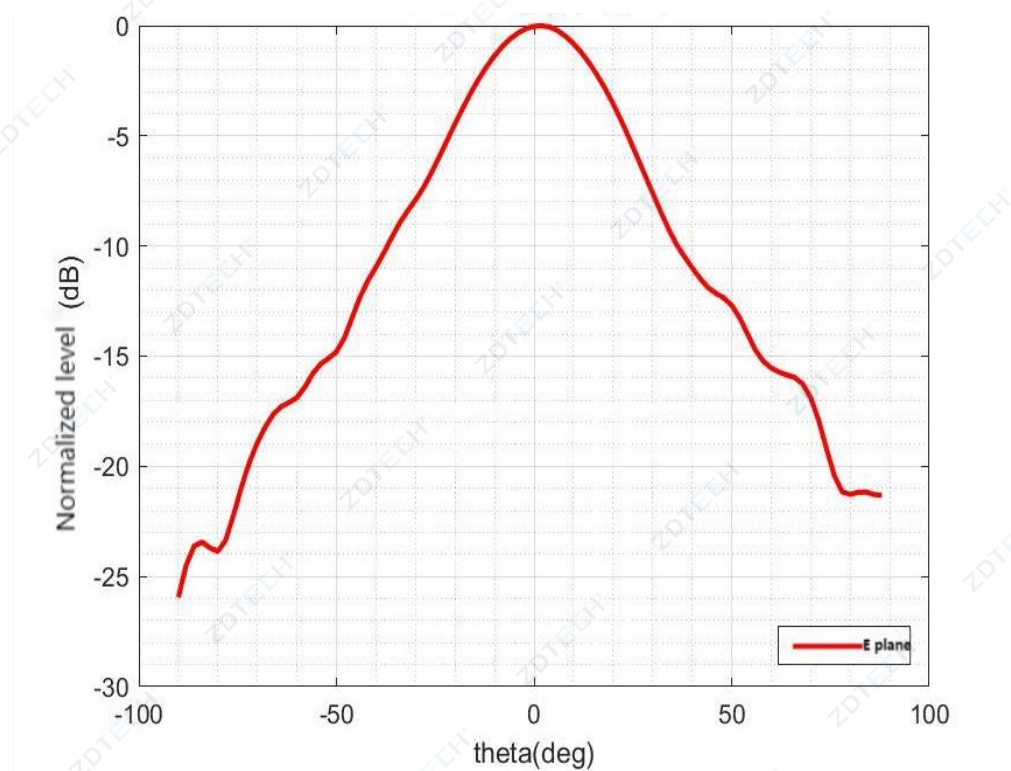
4GHz Directional Pattern



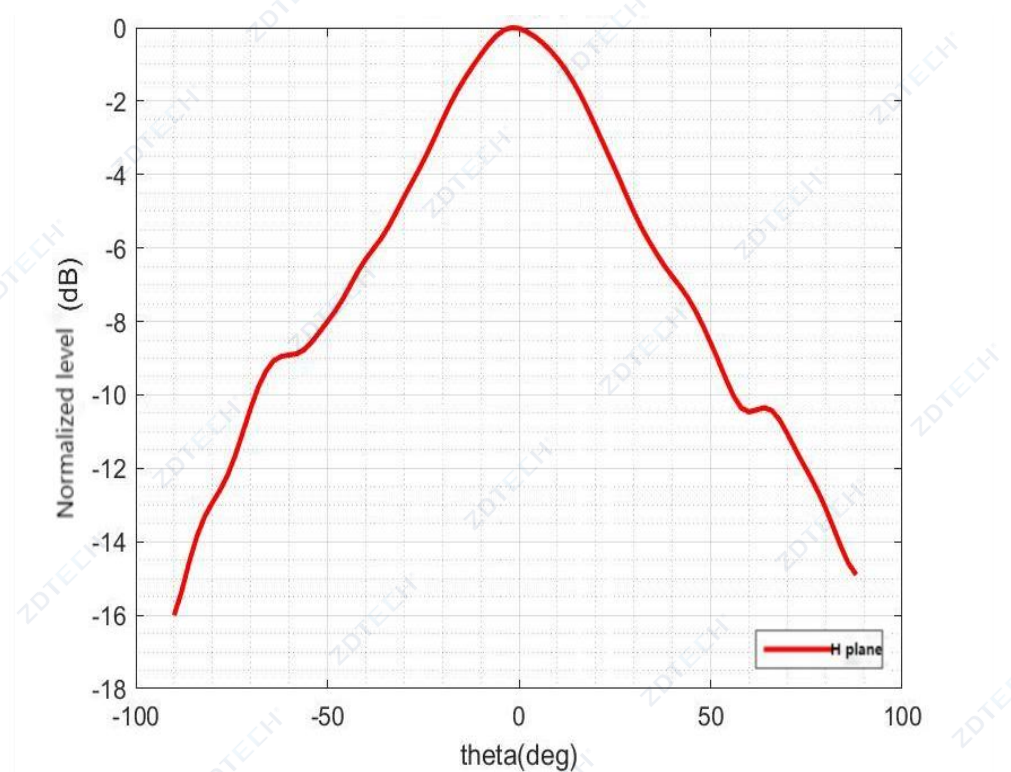
4GHz Directional Pattern



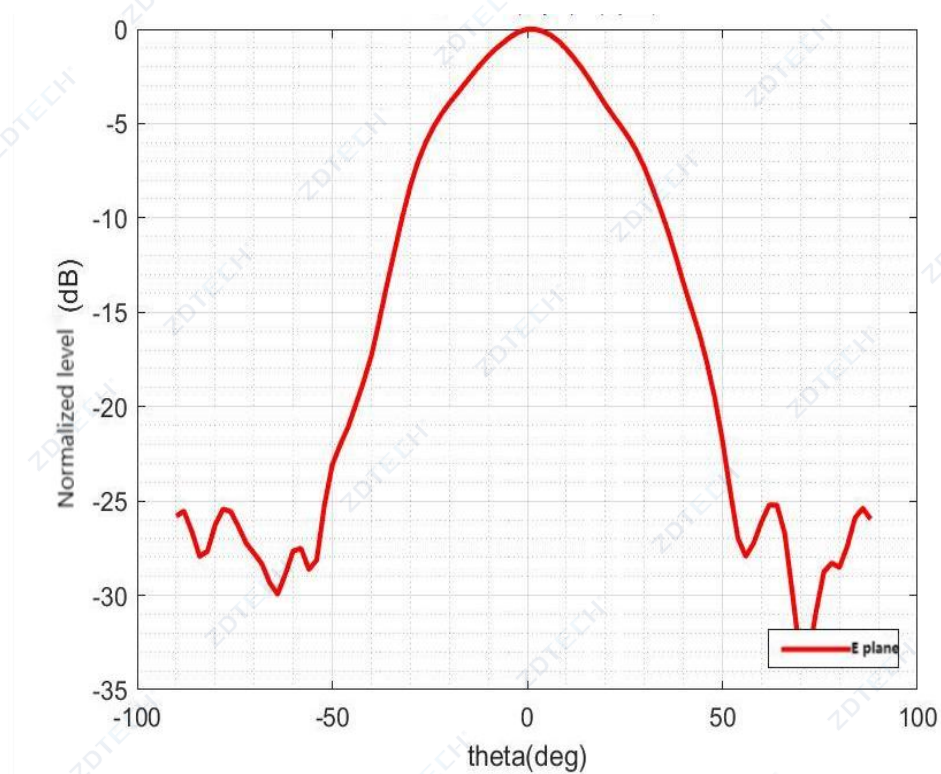
6GHz Directional Pattern



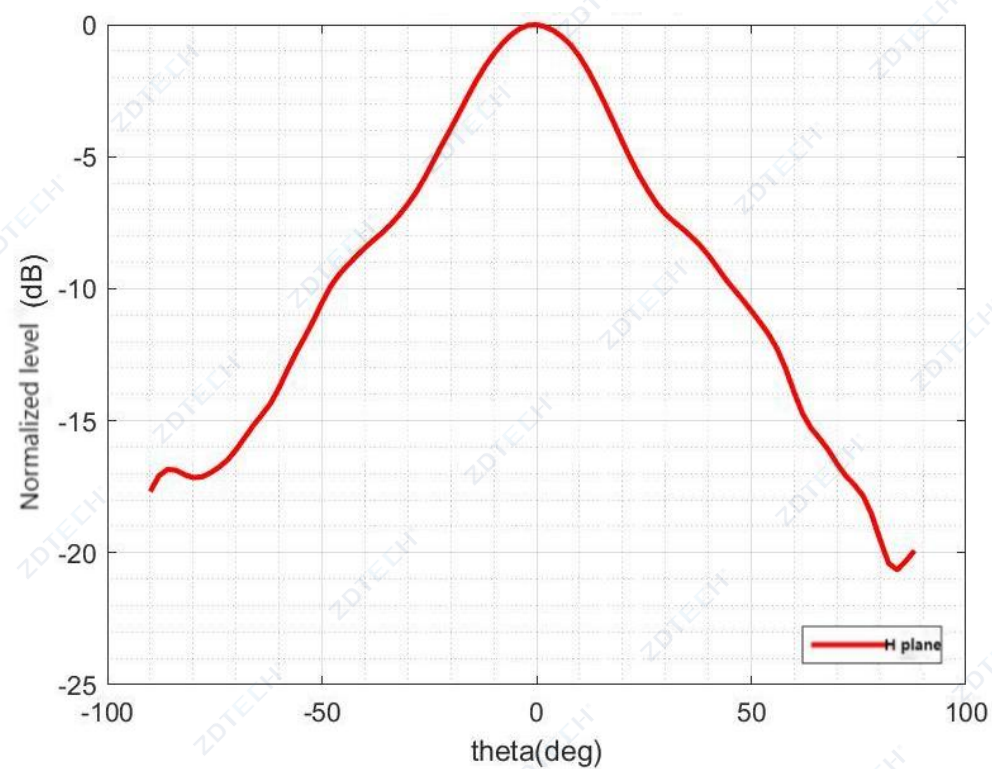
6GHz Directional Pattern



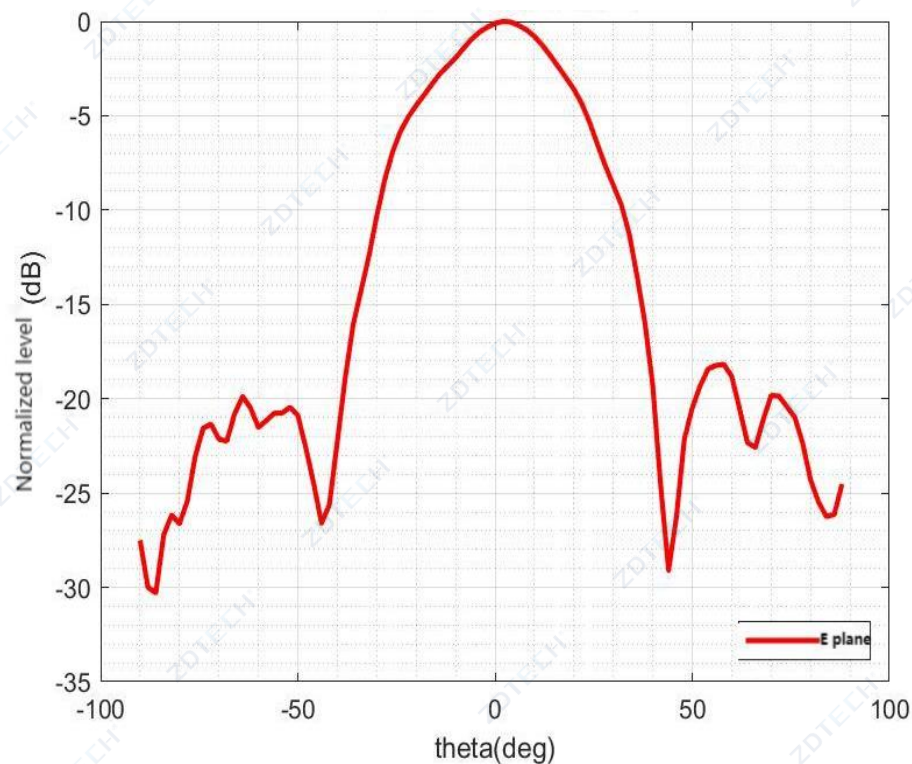
8GHz Directional Pattern



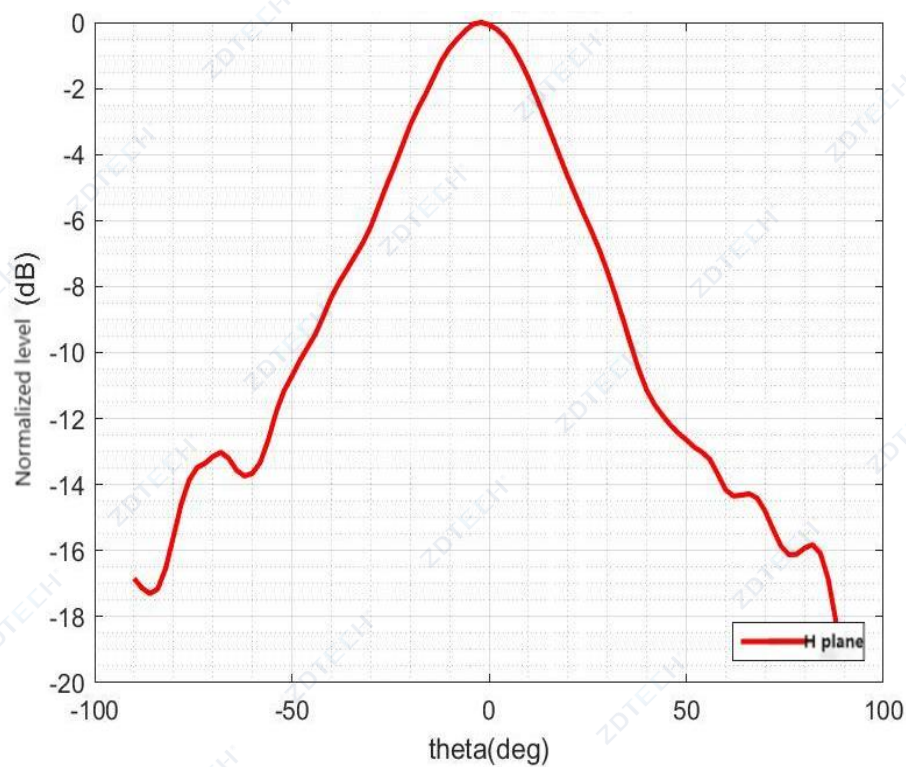
8GHz Directional Pattern



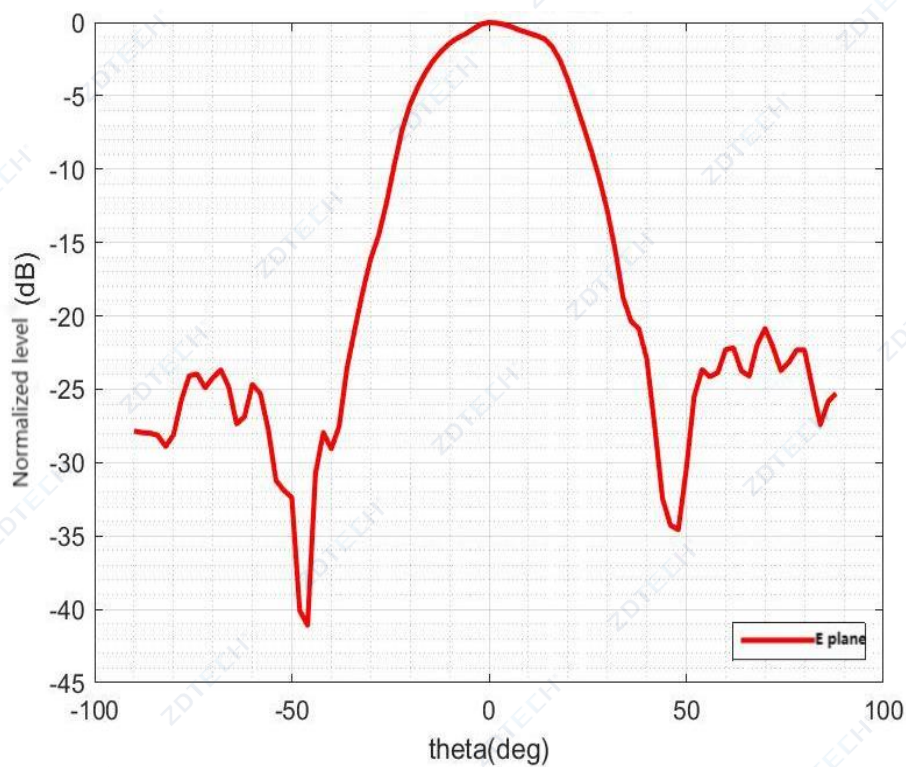
10GHz Directional pattern



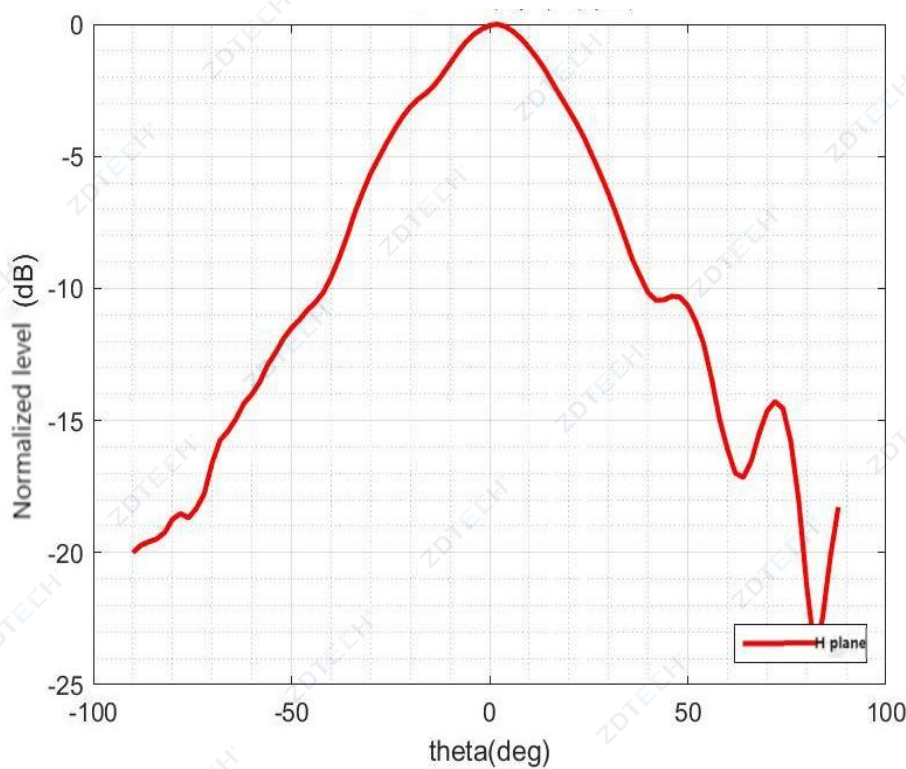
10GHz Directional pattern



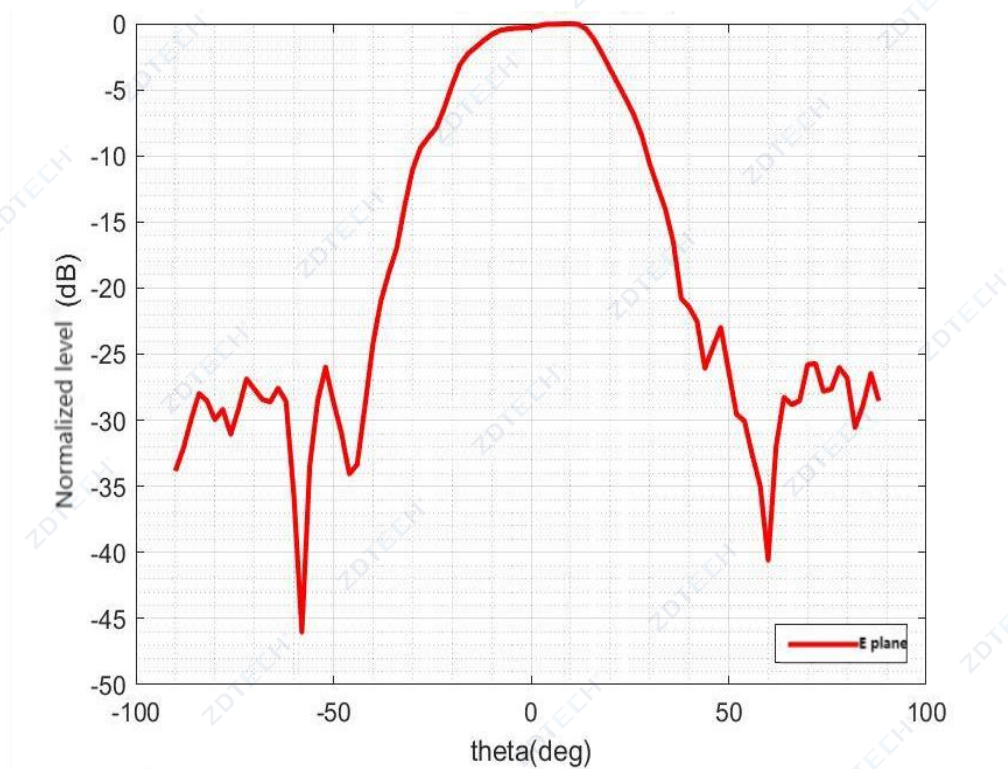
12GHz Directional pattern



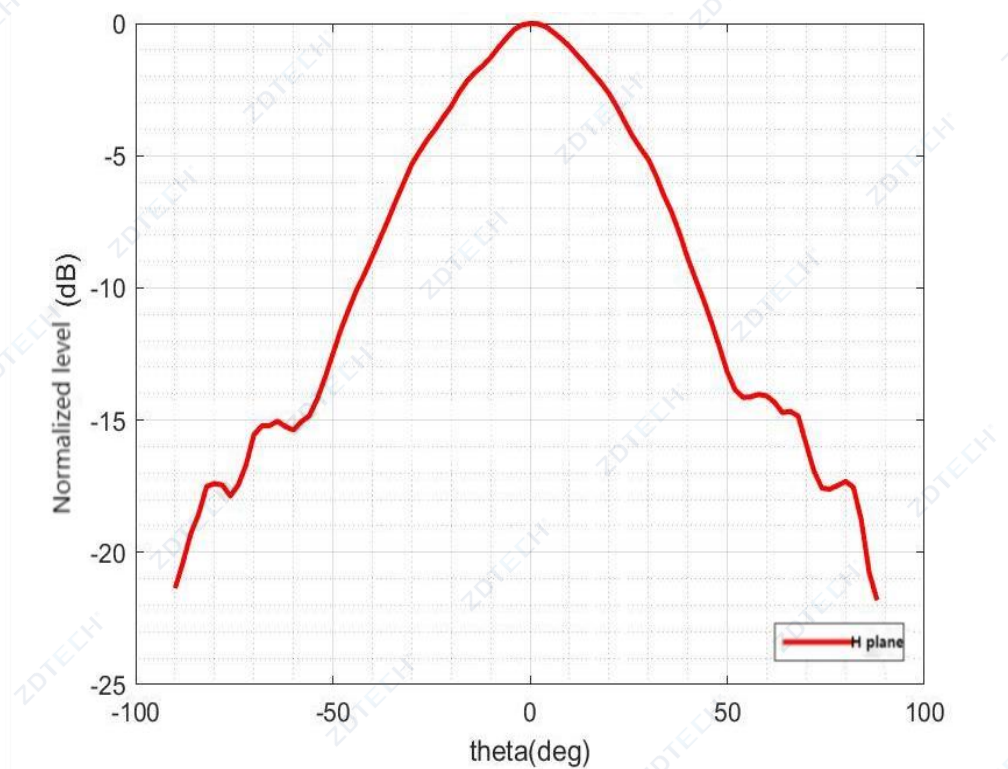
12GHz Directional pattern



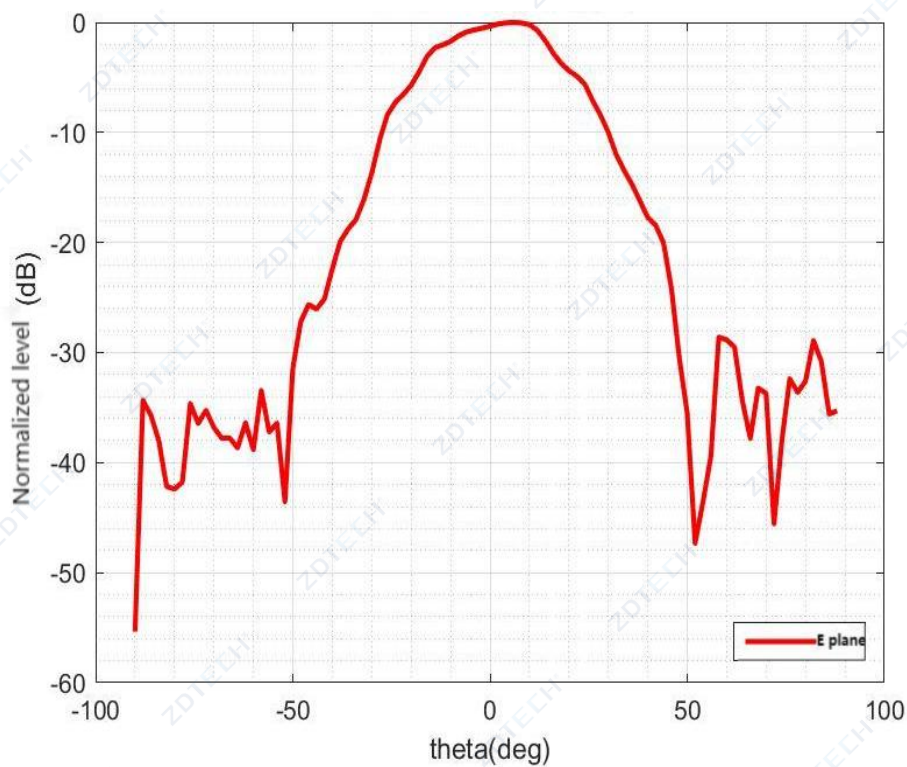
14GHz Directional pattern



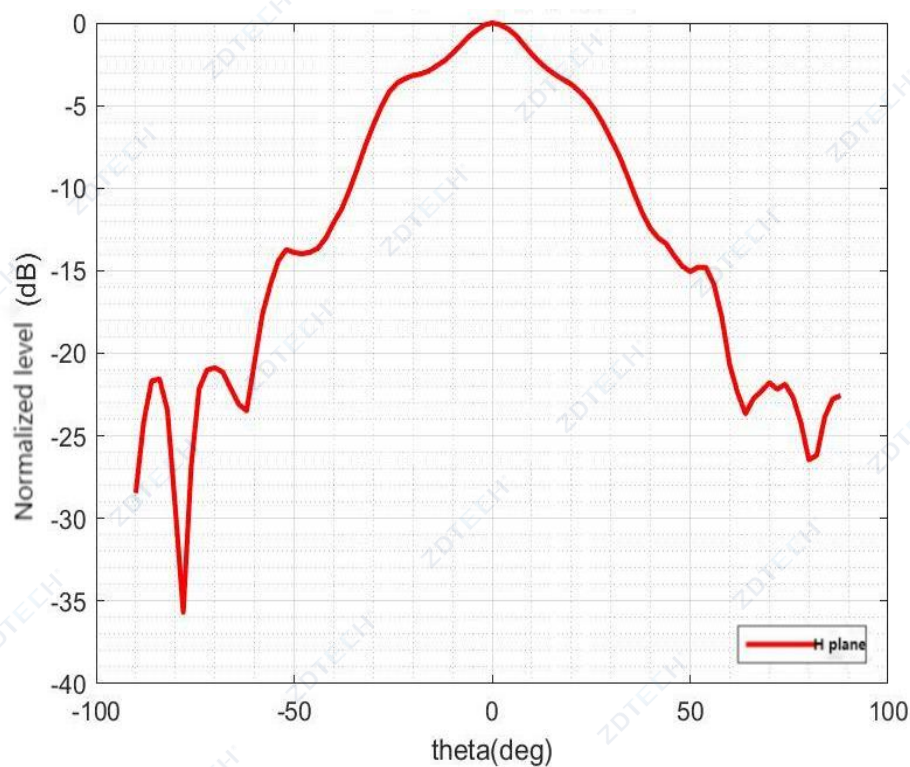
14GHz Directional pattern



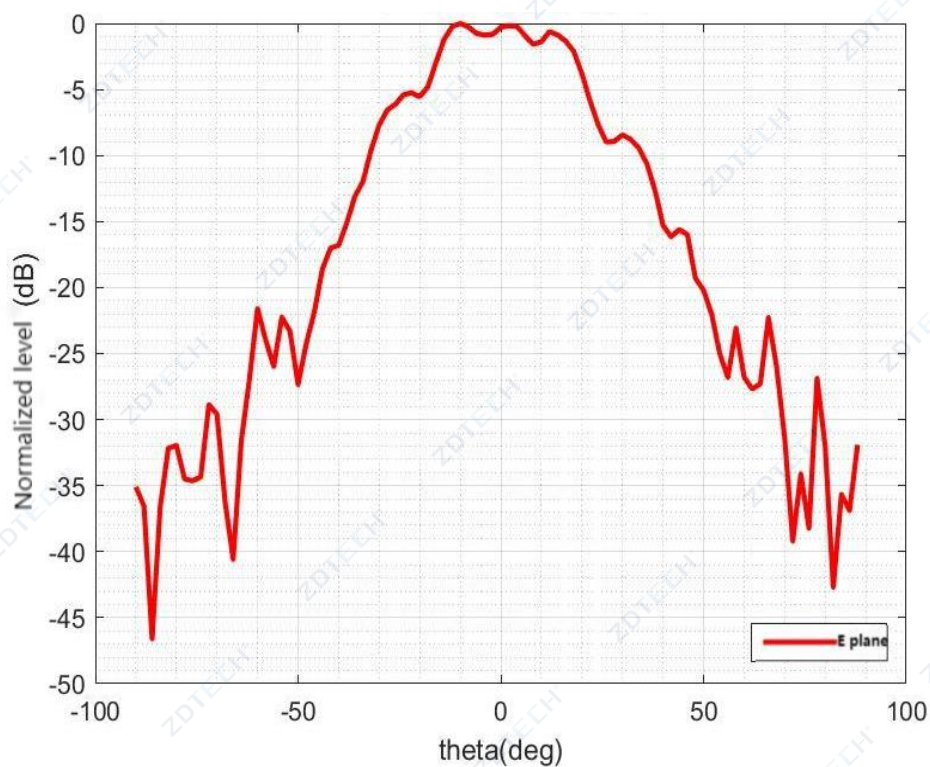
16GHz Directional pattern



16GHz Directional pattern



18GHz Directional pattern



18GHz Directional pattern

