

Dual Polarization Horn Antenna

Features:

- Ultra-Wide Band
- Dual Linear Polarization
- Stable Performance

Specification Details

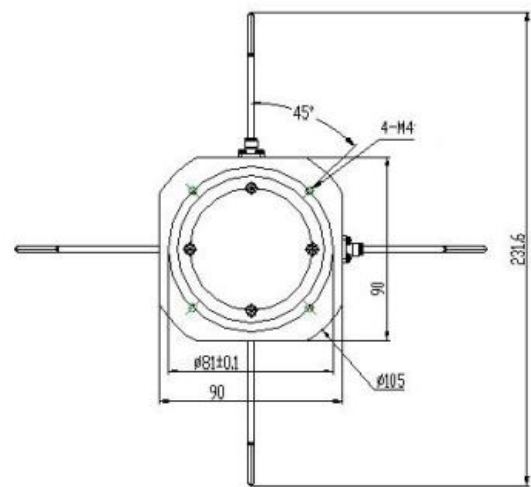
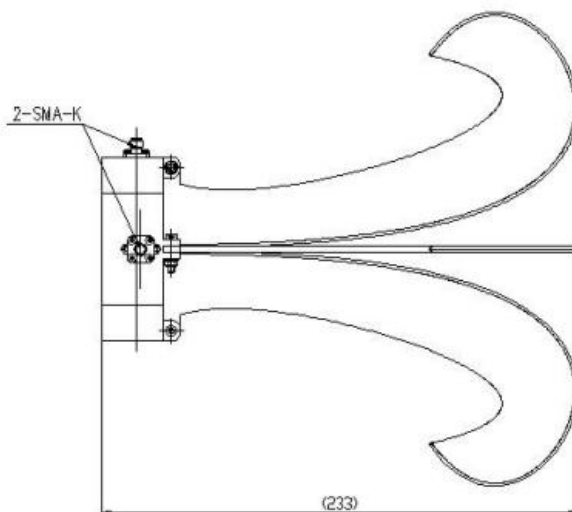
Electrical Specifications

Parameter	Specification
Frequency Range	1-18 GHz
VSWR (Max)	3.0 @1-2GHz 2.5 @2-18GHz
Gain (Avg)	10 dB
Polarization	Dual Linear
Average Power (Max)	50 W

Mechanical Specifications:

Parameter	Specification
Connector Type	SMA Female
Material	Aluminum
Inside Finish	Anodic Oxidation
Outside Finish	Anticorrosion grey paint
Weight	1.8 kg
Operating Temp	-40°C-+70°C
Storage Temp	-40°C-+85°C

Mechanical Outline (Unit:mm)

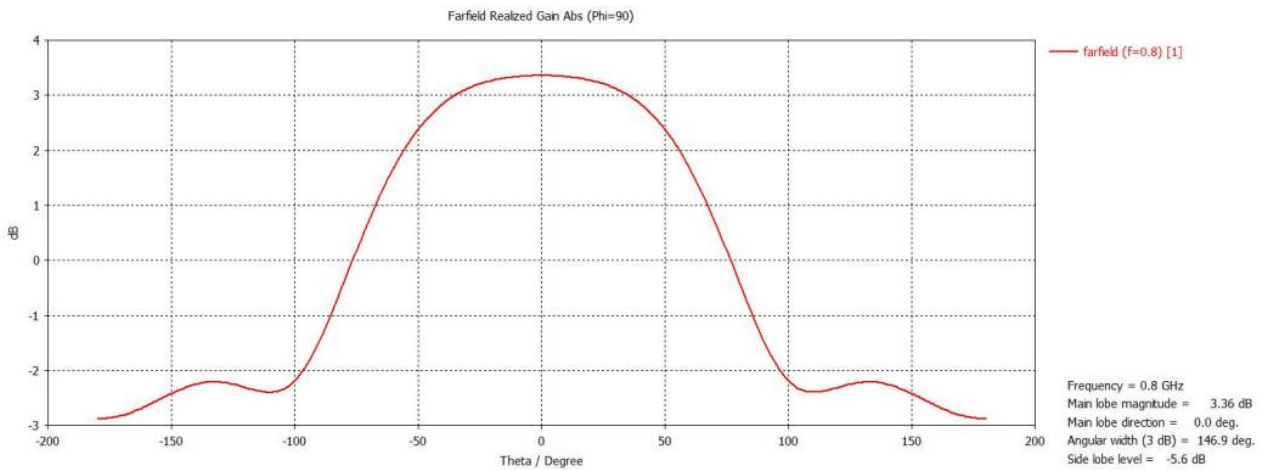
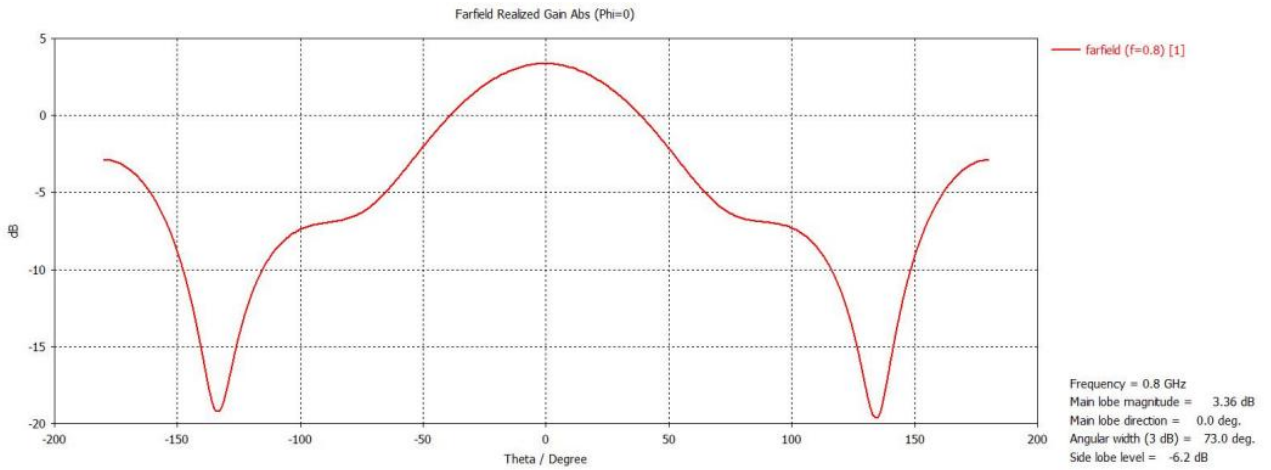




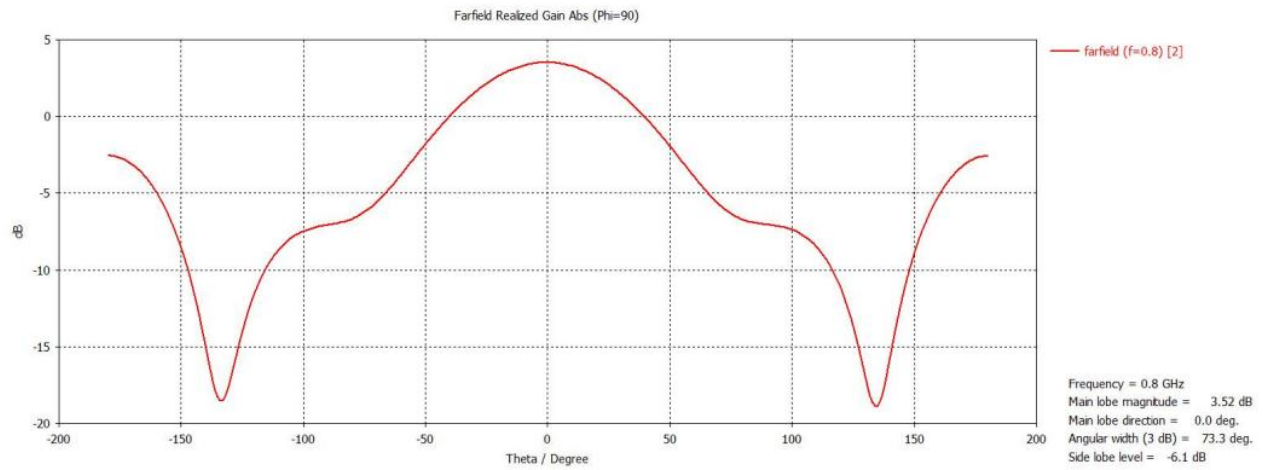
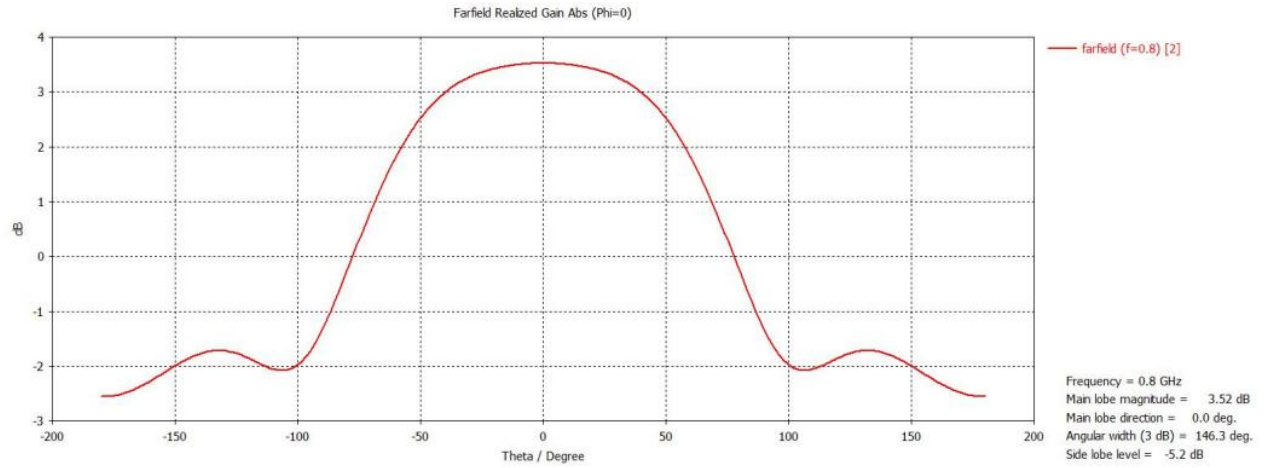
Simulation: VSWR



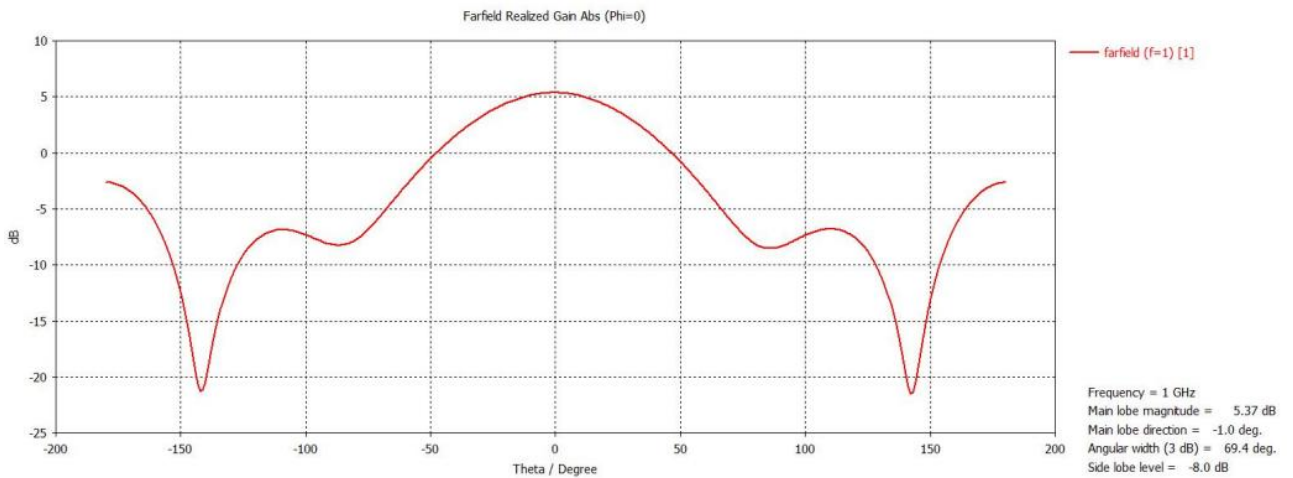
Simulation: 0.8 GHz E Plane & H Plane in Port 1

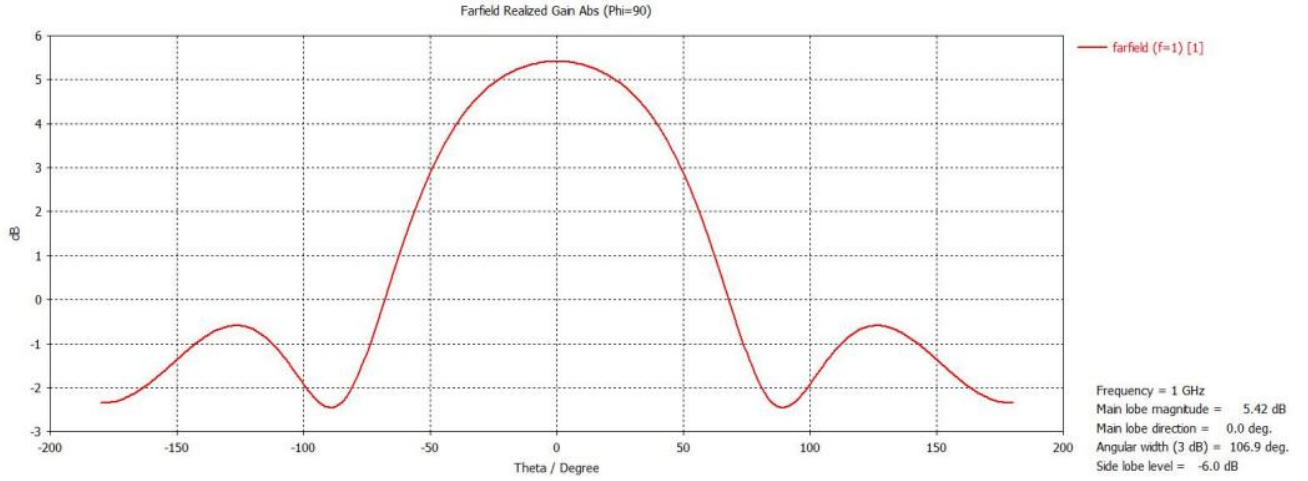


Simulation: 0.8 GHz E Plane & H Plane in Port 2

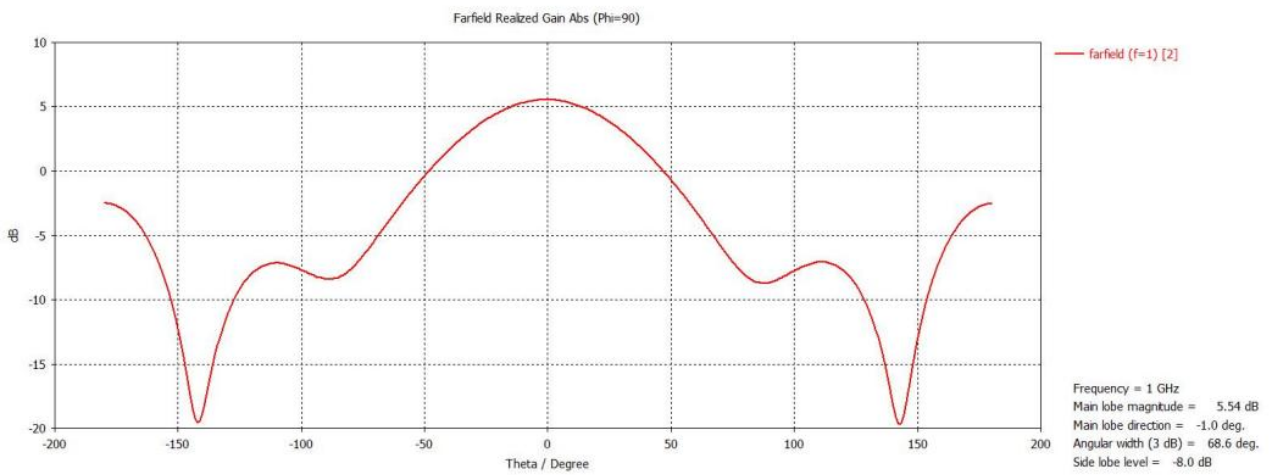
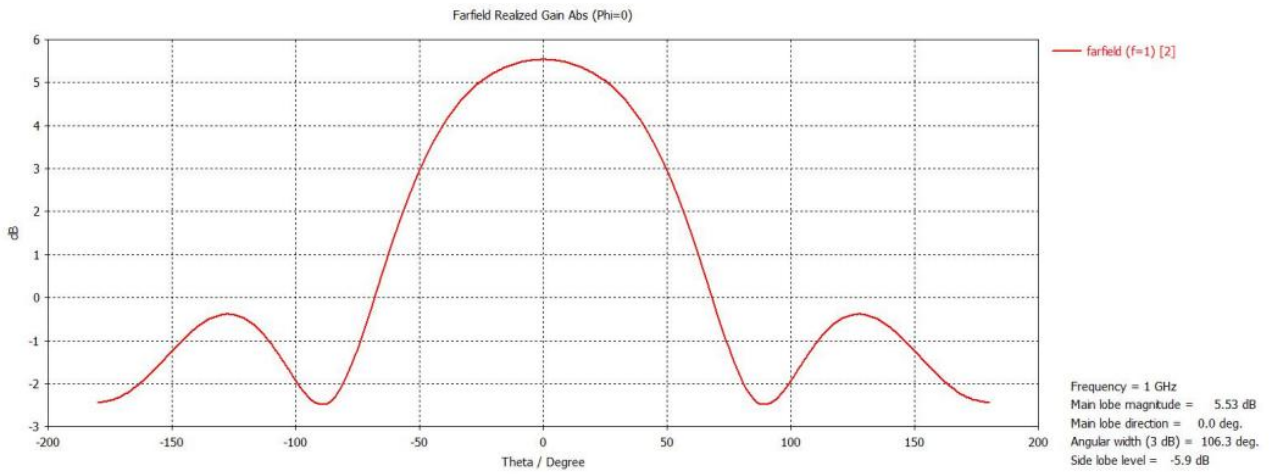


Simulation: 1 GHz E Plane & H Plane in Port 1

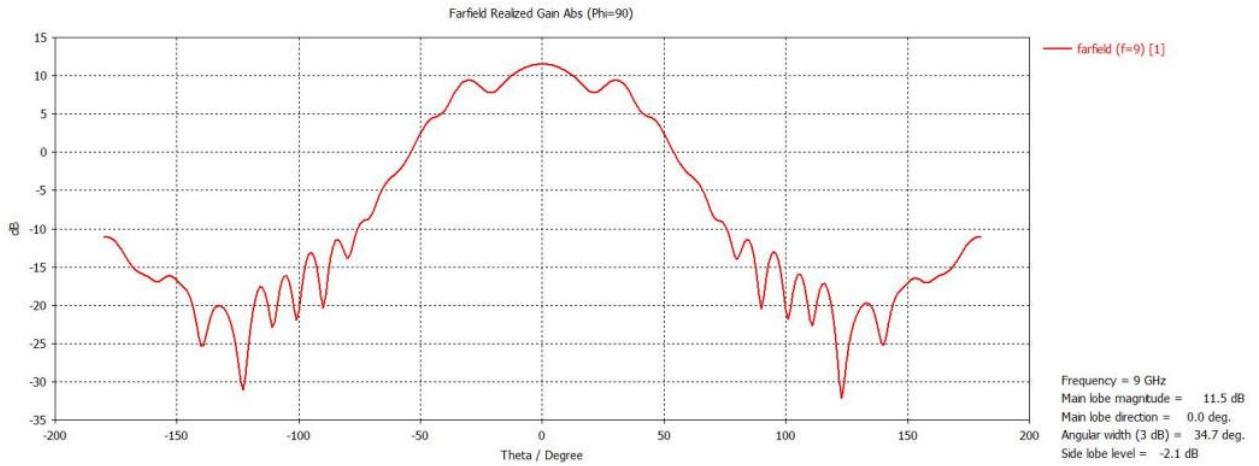
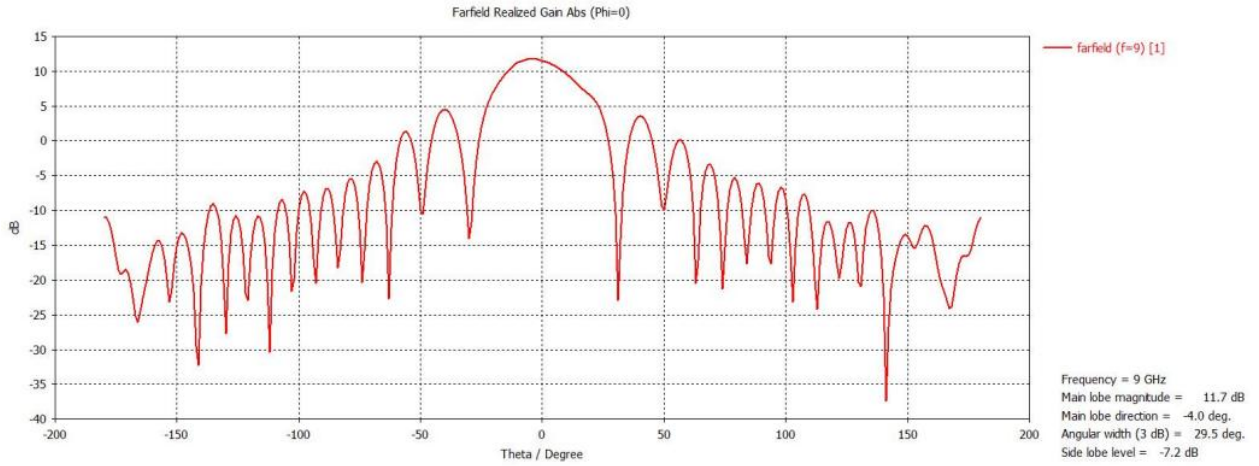




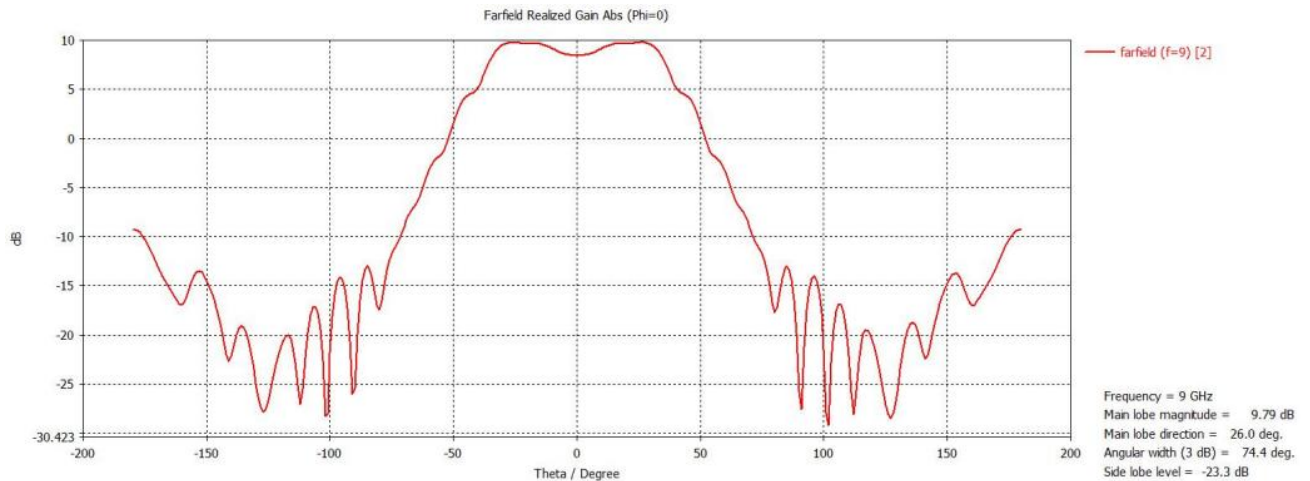
Simulation: 1 GHz E Plane & H Plane in Port 2

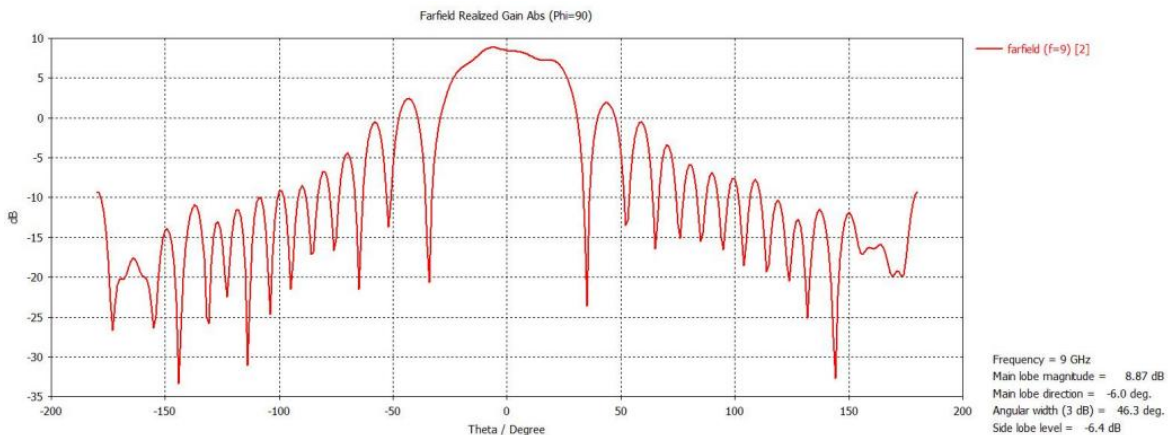


Simulation: 9 GHz E Plane & H Plane in Port 1

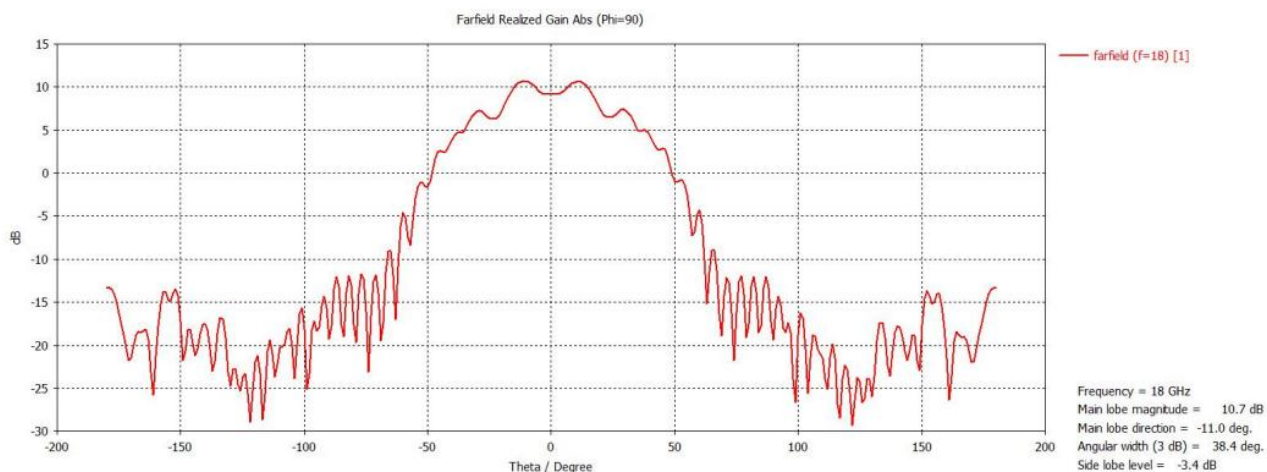
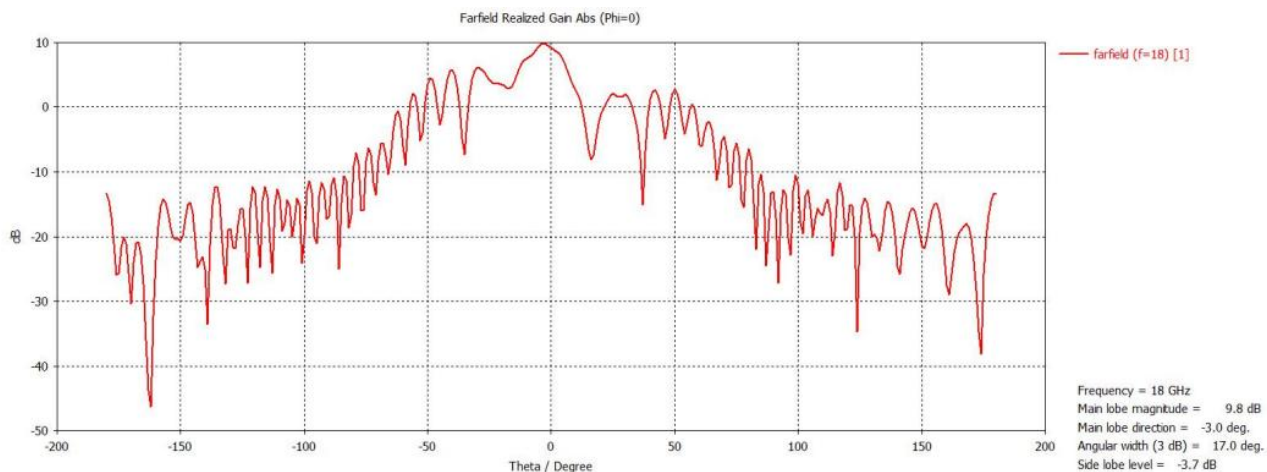


Simulation: 9 GHz E Plane & H Plane in Port 2





Simulation: 18 GHz E Plane & H Plane in Port 1



Simulation: 18 GHz E Plane & H Plane in Port 2

