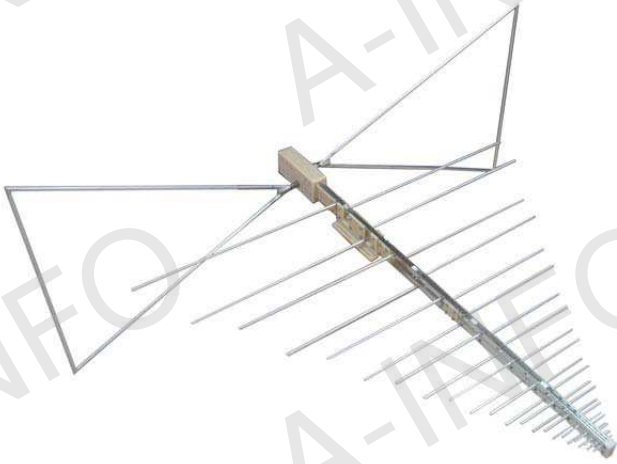
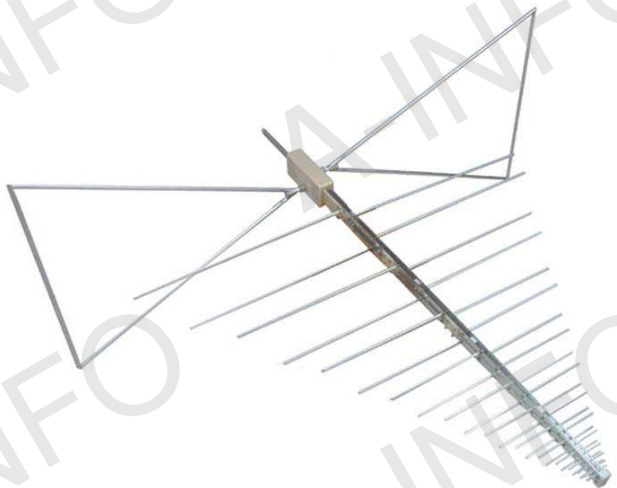


## Technical Specification



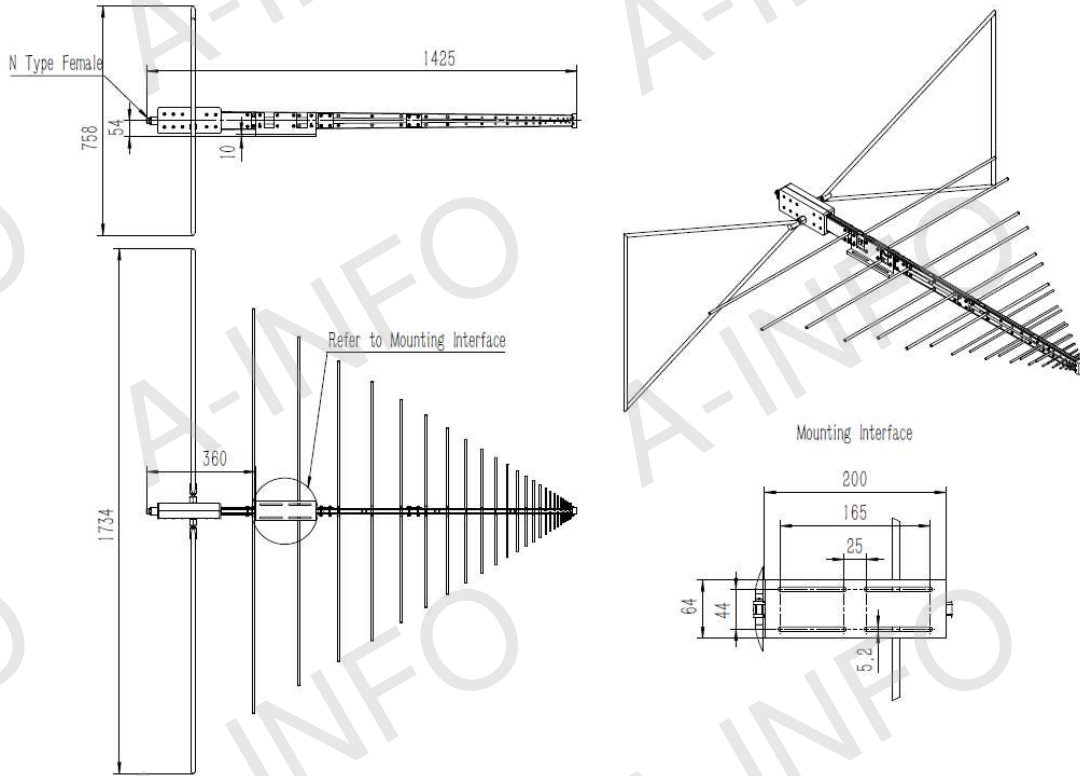
<i>P/N: DS-3300</i>	
Frequency Range(GHz)	0.03 - 3.0
Gain(dB)	-10 - 6.0 Typ.
Polarization	Linear
VSWR	10.0 Typ.(30-50MHz)
	2.0 Typ.(50-100MHz)
	1.5 Typ./ 2.0 Max (100-3000MHz)
Connector	N-Female
Power handling(W)	300 CW
Size(mm)	1734 x 1425
Net Weight(Kg)	3.5 Around



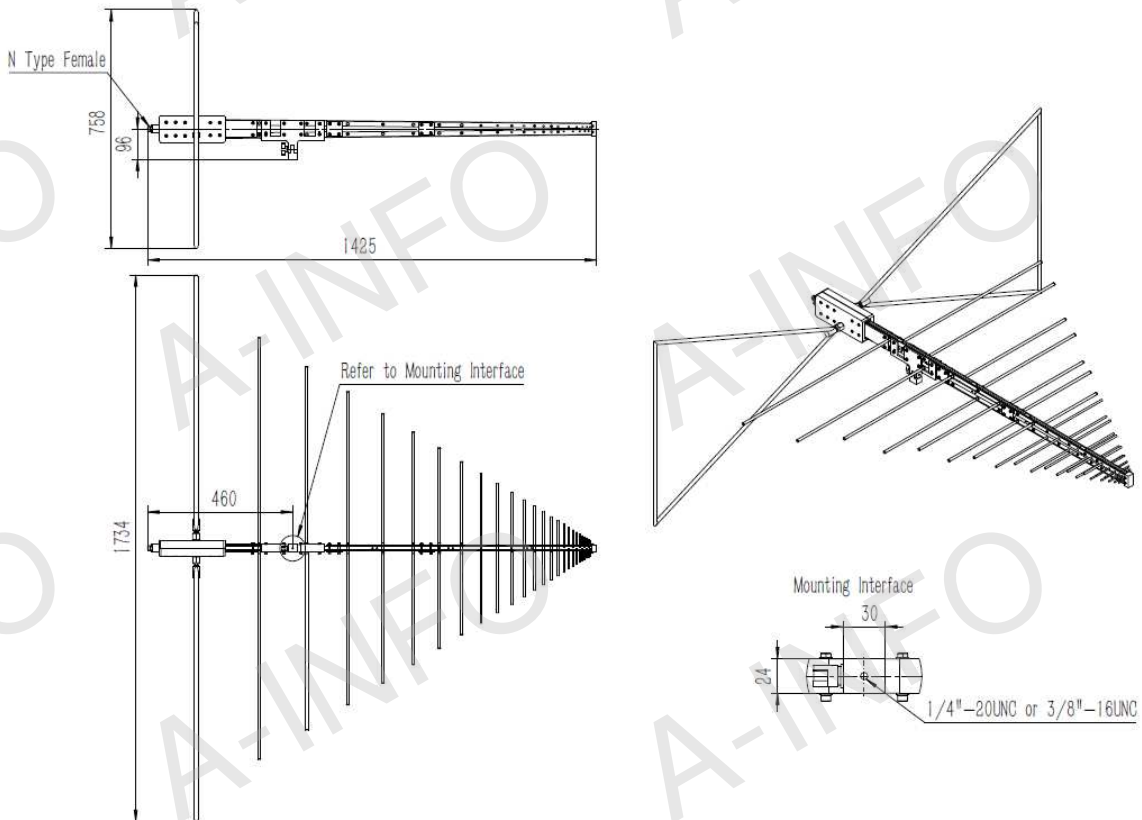
<i>P/N: DS-3300E</i>	
Frequency Range(GHz)	0.03 - 3.0
Gain(dB)	-10 - 6.0 Typ.
Polarization	Linear
VSWR	10.0 Typ.(30-50MHz)
	2.0 Typ.(50-100MHz)
	1.5 Typ./ 2.0 Max (100-3000MHz)
Connector	N-Female
Power handling(W)	300 CW
Size(mm)	1734 x 1601
Net Weight(Kg)	4.3 Around

## Outline Drawing (Size: mm)

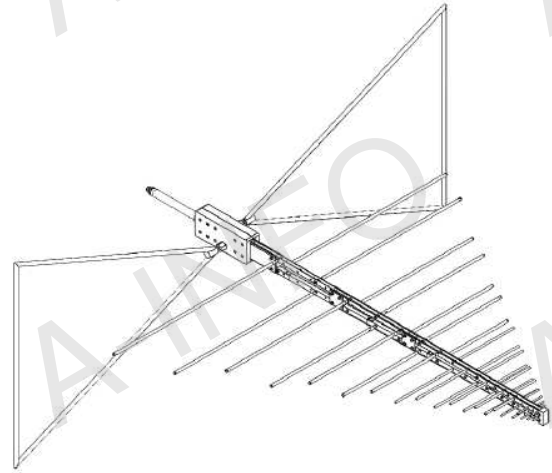
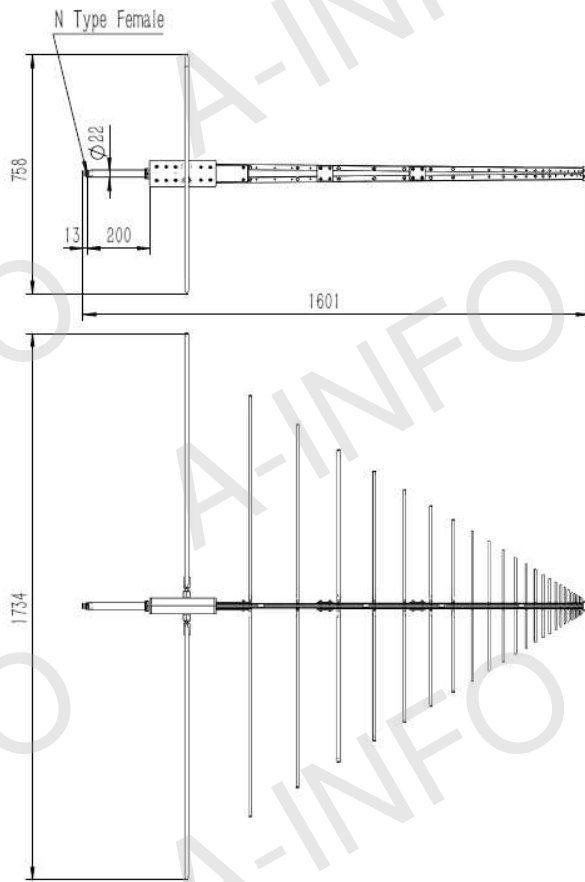
### DS-3300 with Mounting Bracket



### DS-3300 with Mounting Bracket for Tripod Application

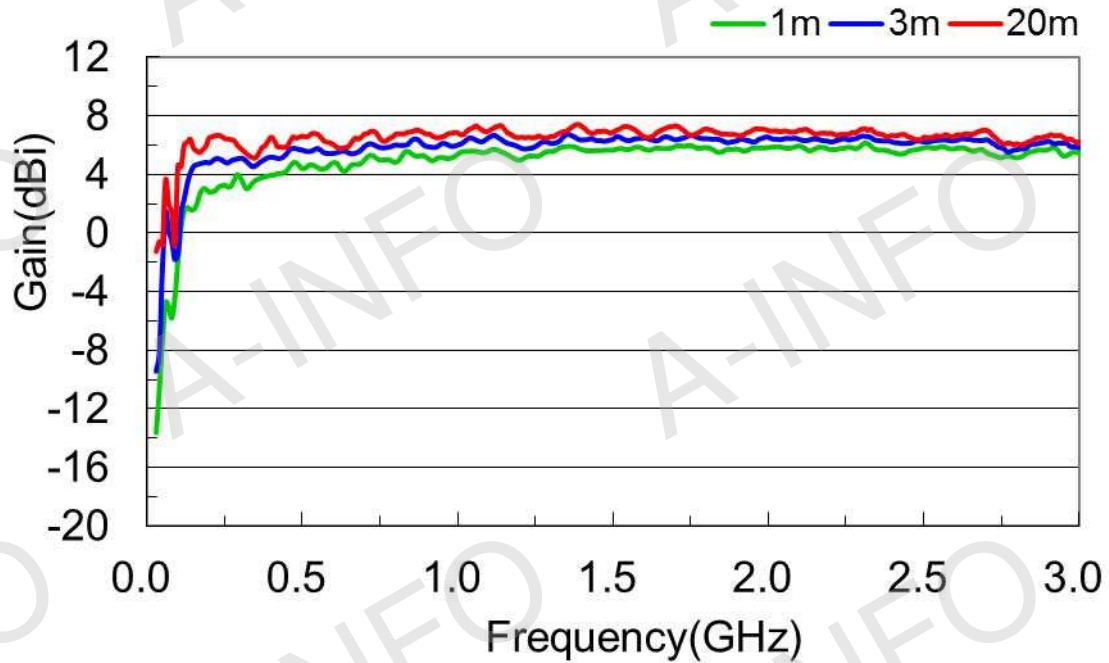


DS-3300E

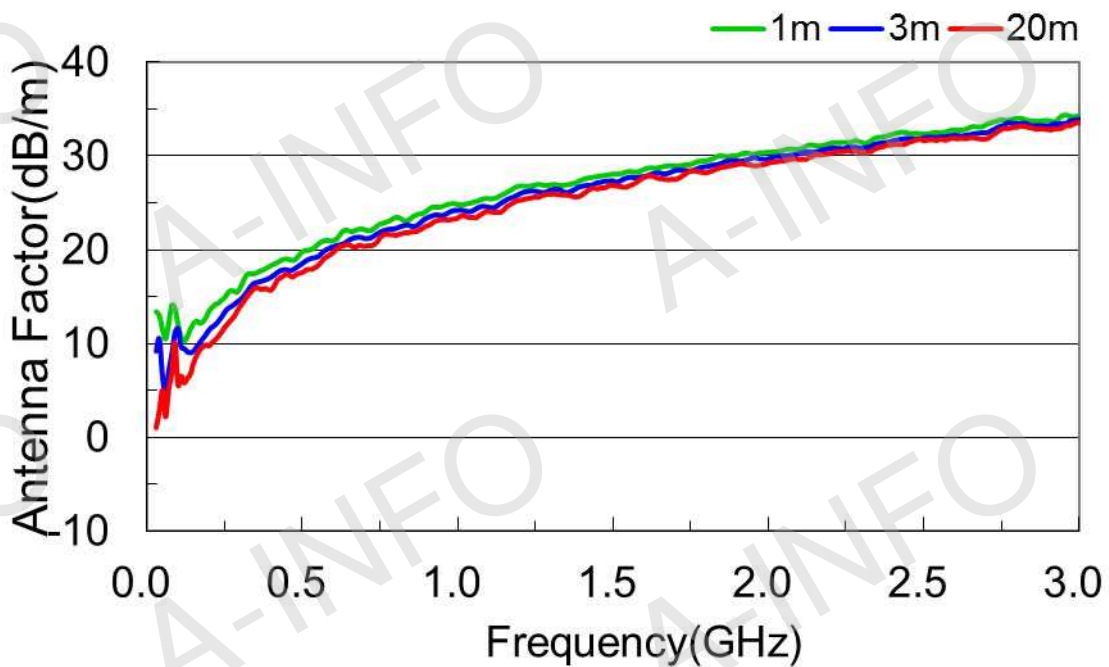


## Test Results

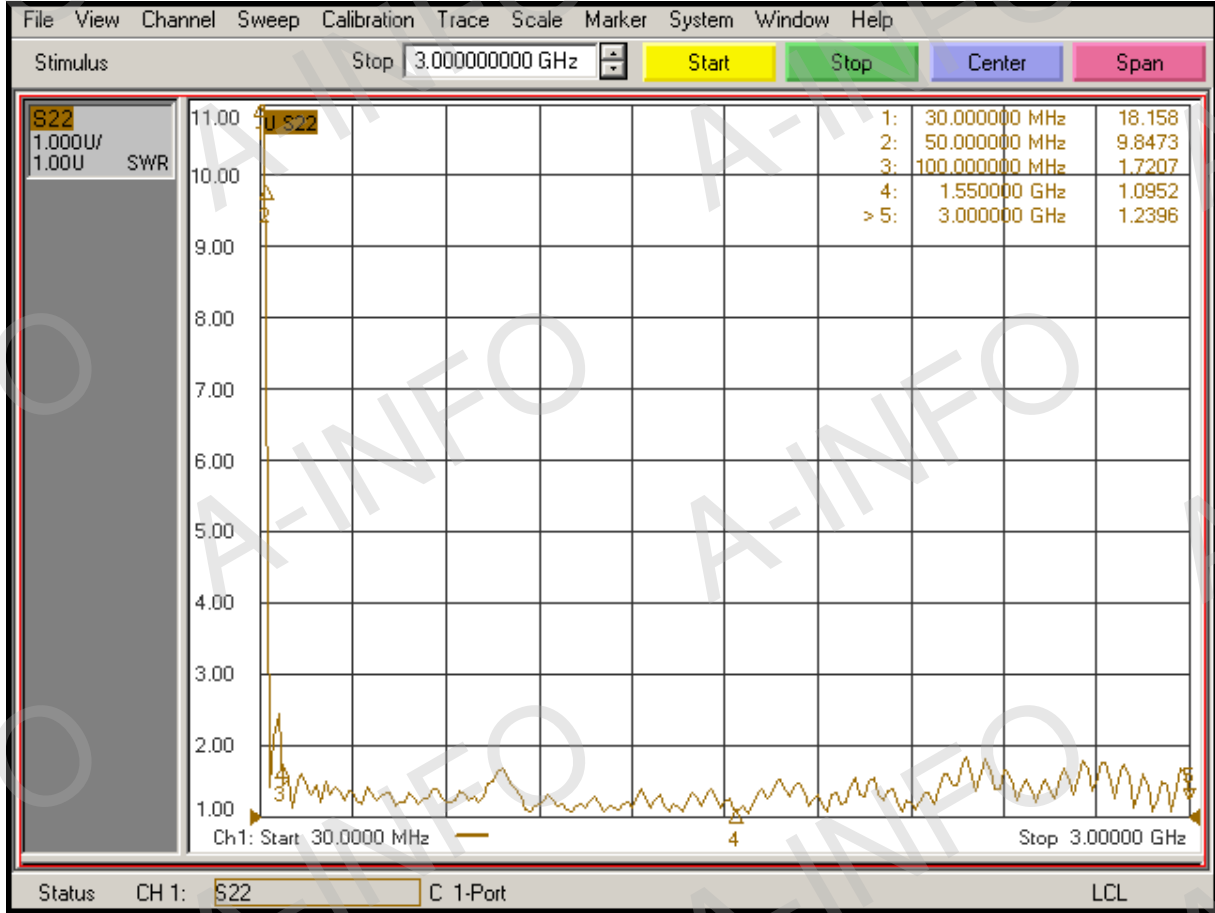
### 1. Gain



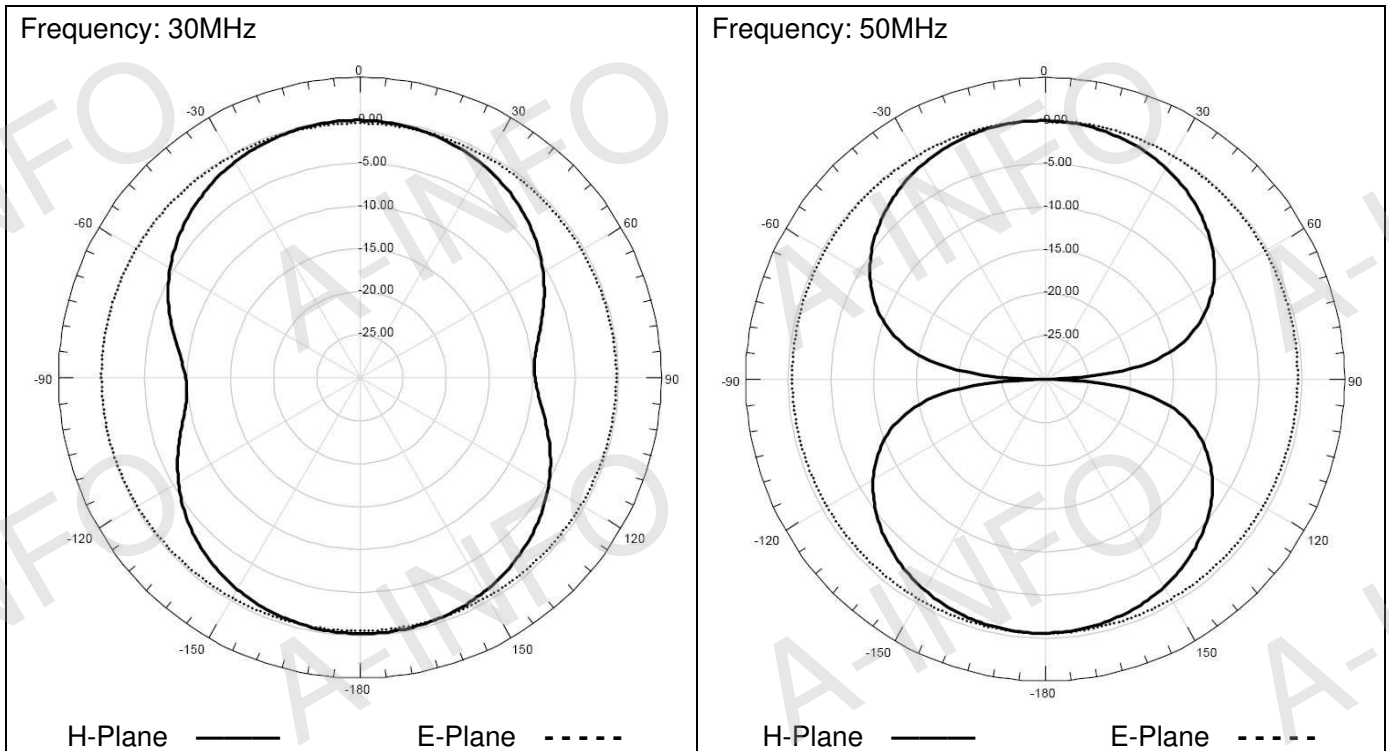
### 2. Antenna Factor



### 3. VSWR (10.0 Typ. 30-50MHz, 2.0 Typ. 50-100MHz, 1.5 Typ. / 2.0 Max 100-3000MHz)

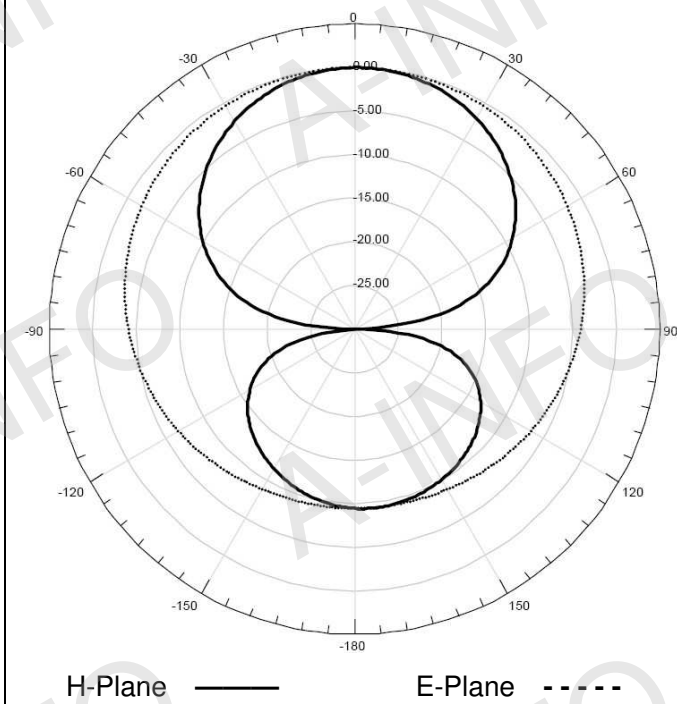


### 4. Pattern

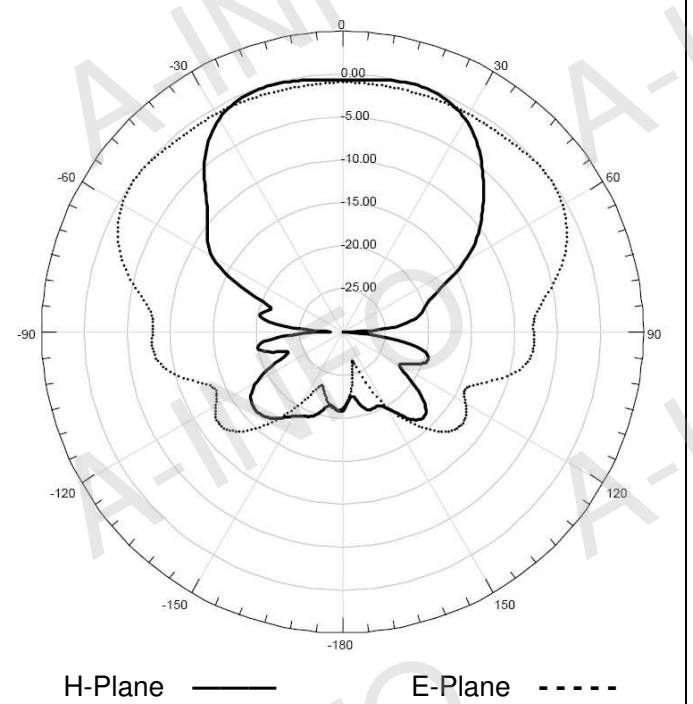




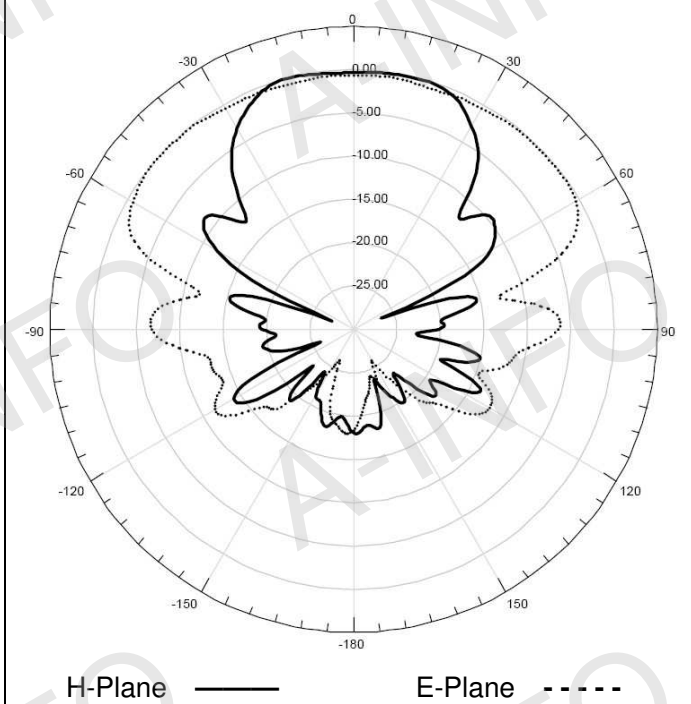
Frequency: 100MHz



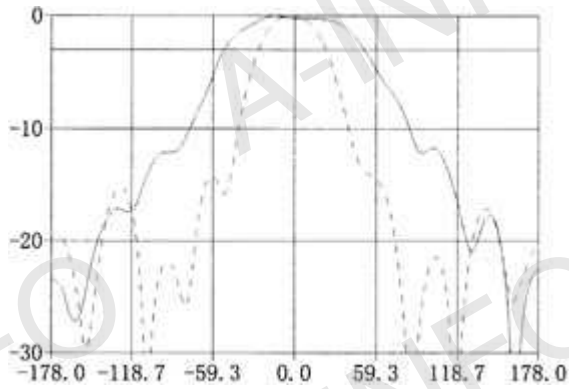
Frequency: 500MHz



Frequency: 1000MHz



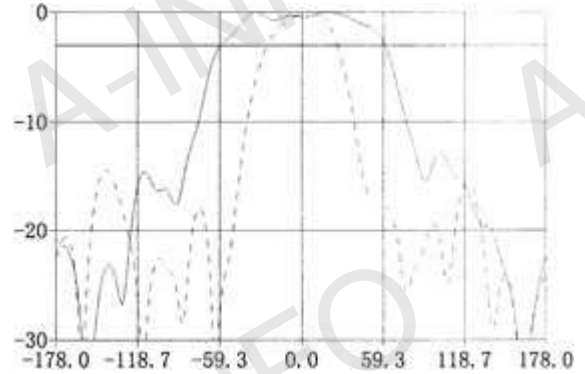
Frequency: 1500MHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 101.99    3dB Beamwidth (deg): 49.17

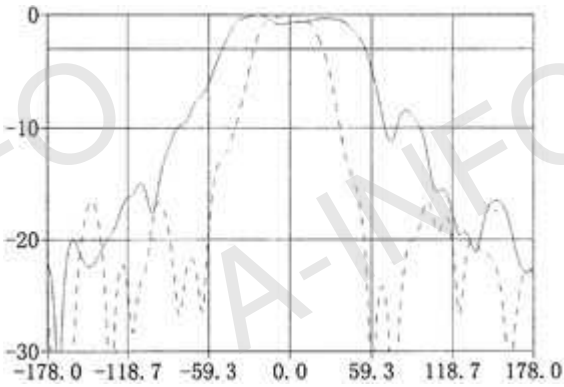
Frequency: 2000MHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 119.28    3dB Beamwidth (deg): 50.88

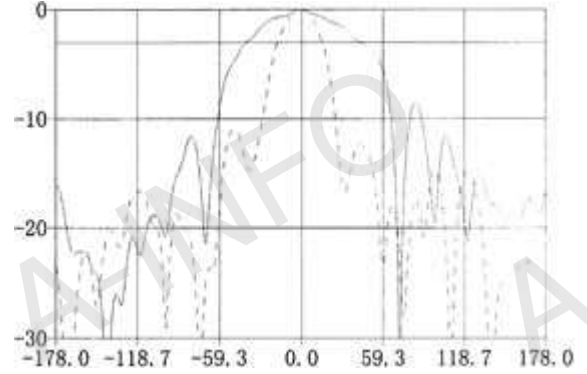
Frequency: 2500MHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 103.92    3dB Beamwidth (deg): 49.86

Frequency: 3000MHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 83.80    3dB Beamwidth (deg): 32.52