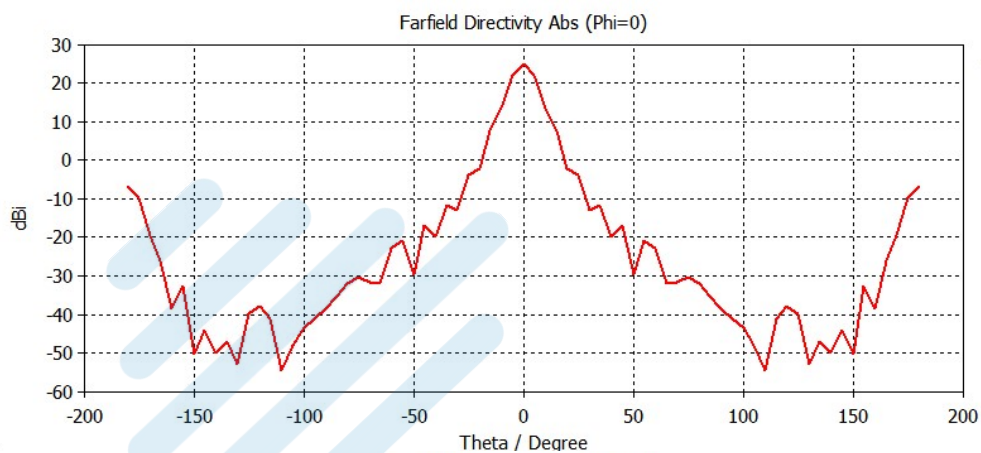


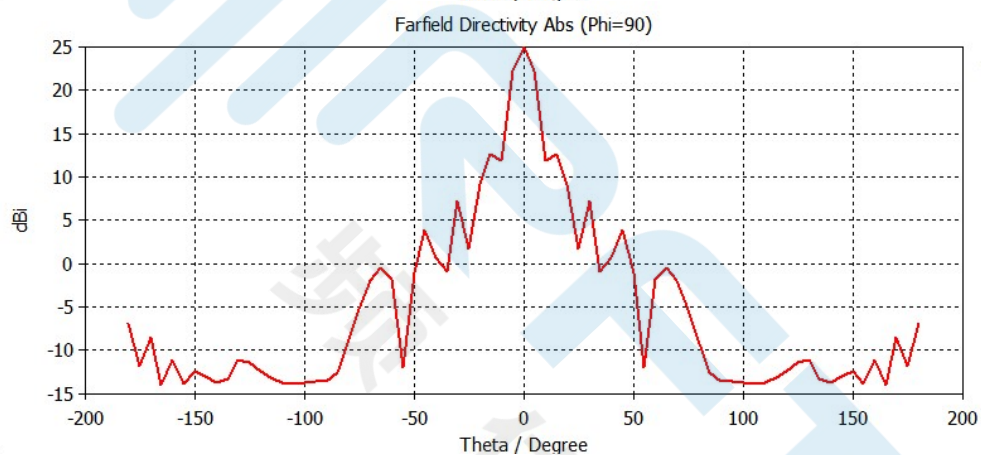
WR12(BJ740) 25dBi Gain Horn Antenna

60.5GHz



farfield (f=60.5) [1]

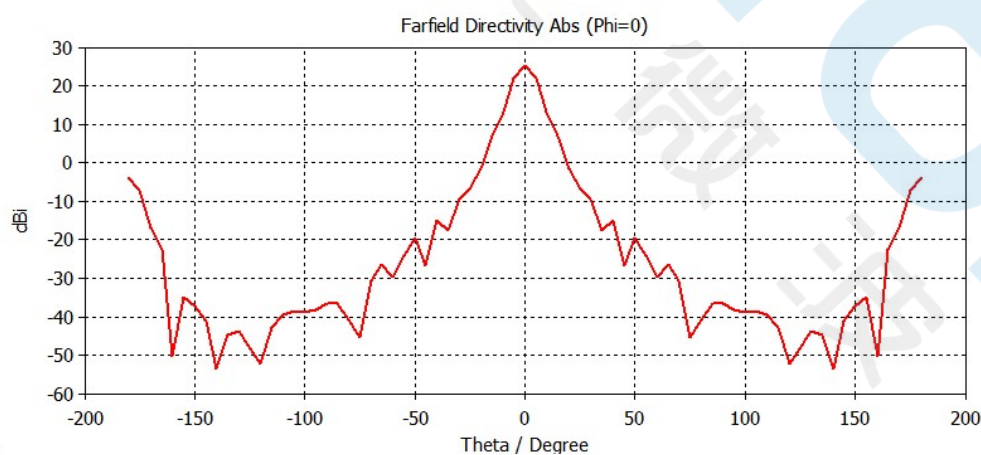
Frequency = 60.5
Main lobe magnitude = 24.9 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 10.0 deg.
Side lobe level = -31.8 dB



farfield (f=60.5) [1]

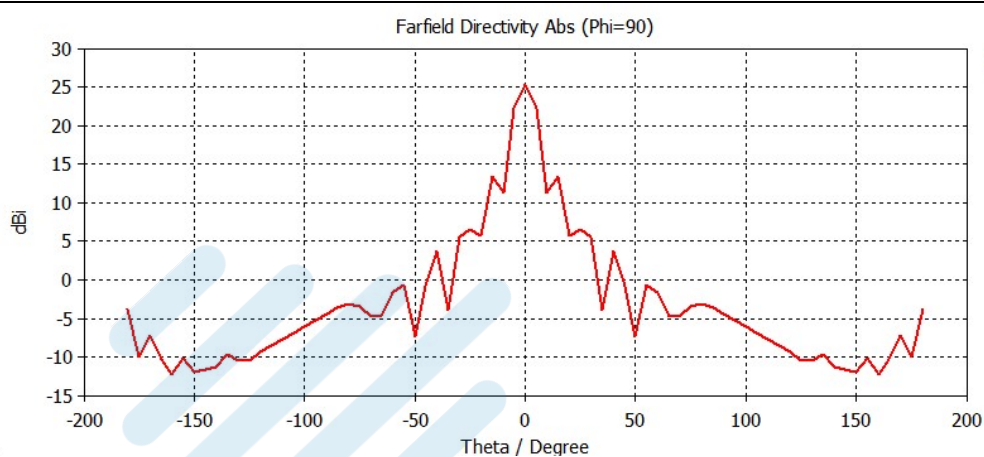
Frequency = 60.5
Main lobe magnitude = 24.9 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 10.2 deg.
Side lobe level = -12.4 dB

65GHz

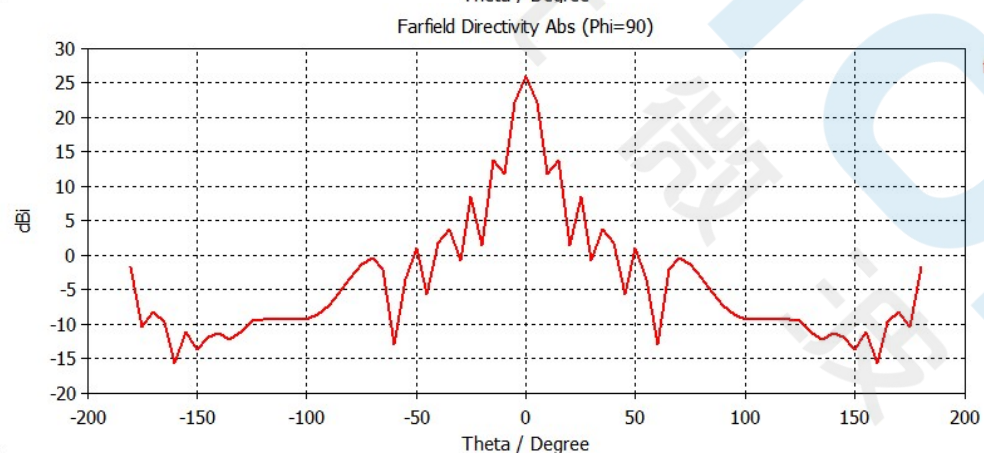
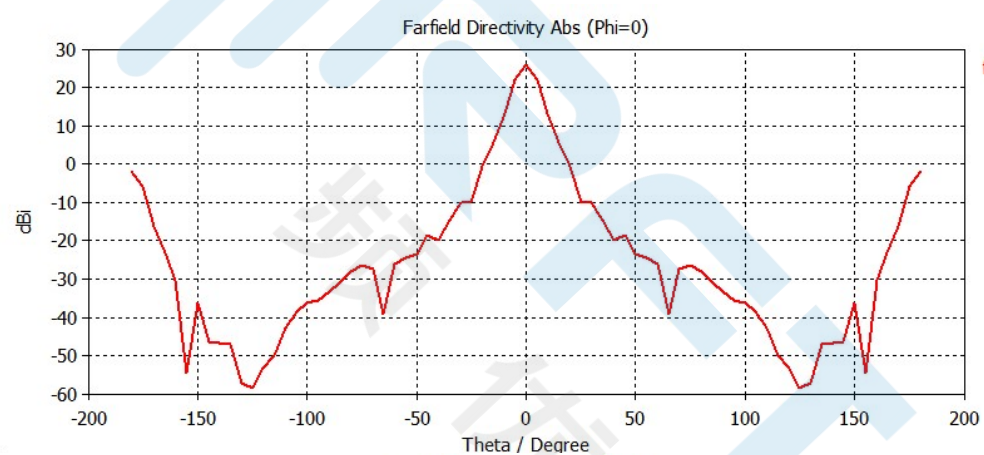


farfield (f=65) [1]

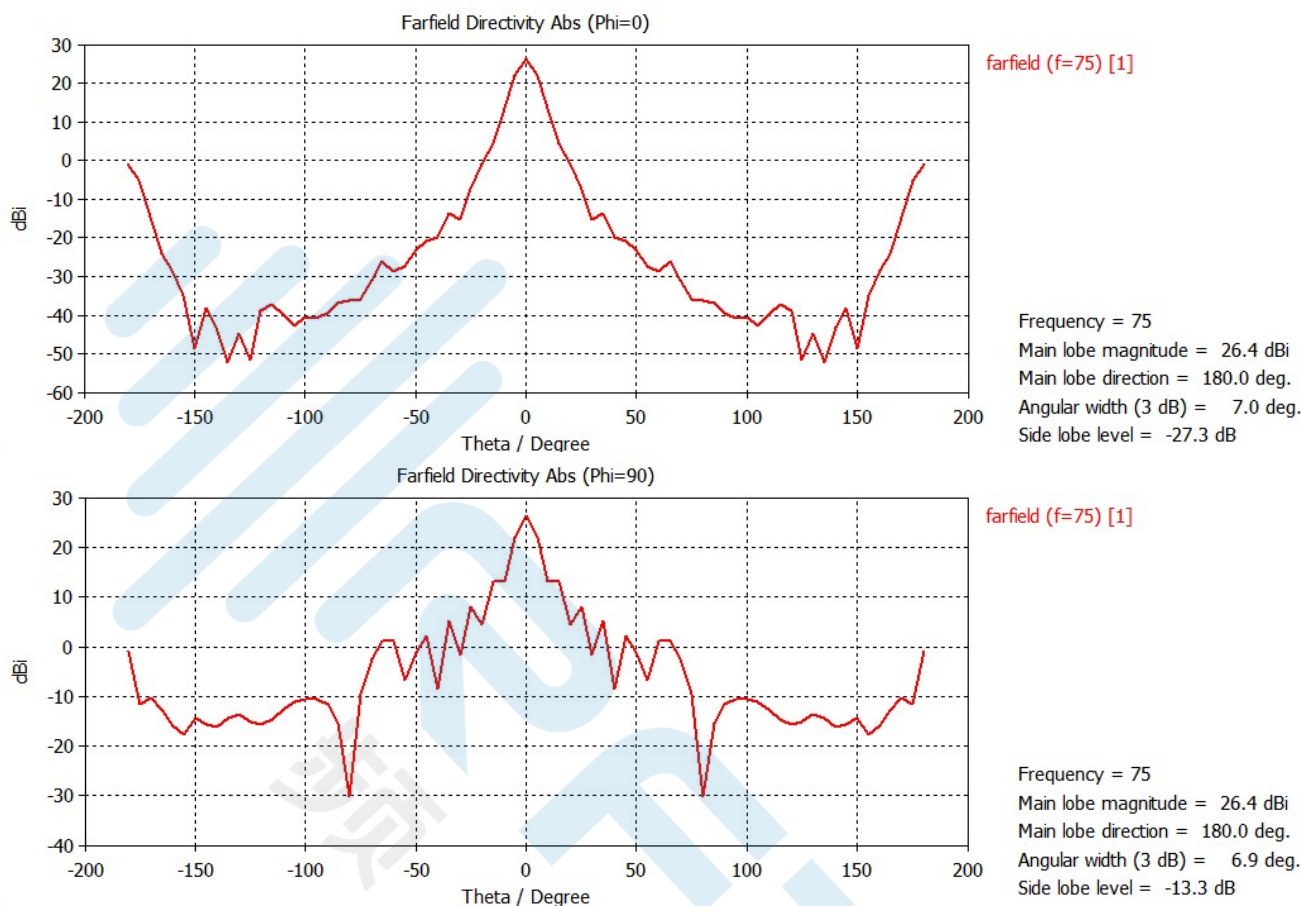
Frequency = 65
Main lobe magnitude = 25.5 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 8.8 deg.
Side lobe level = -29.3 dB



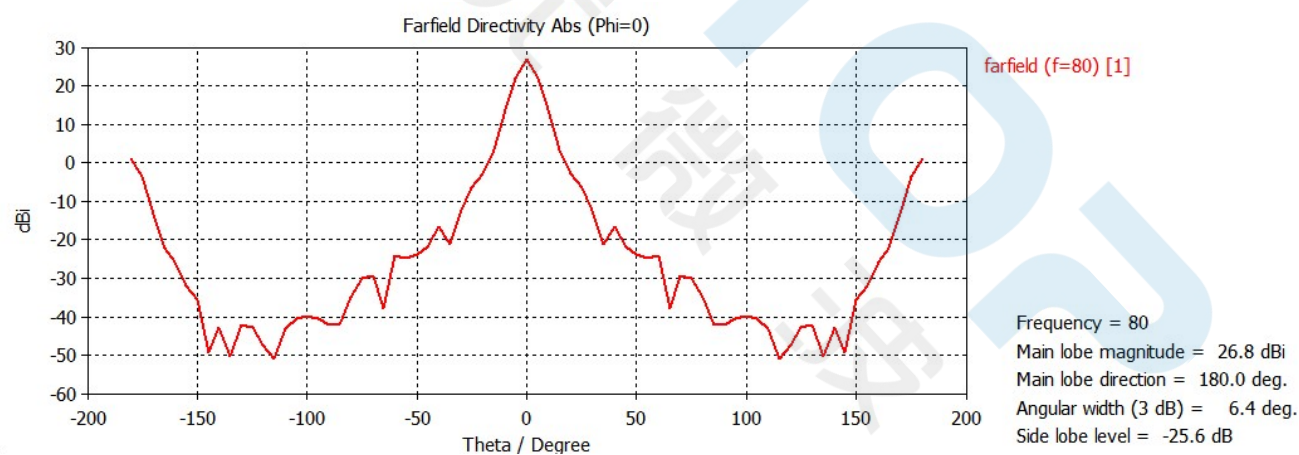
70GHz

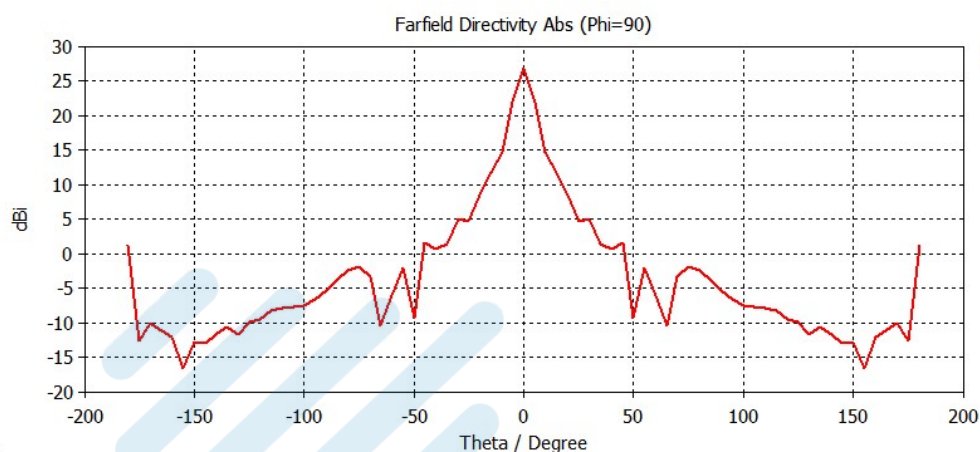


75GHz

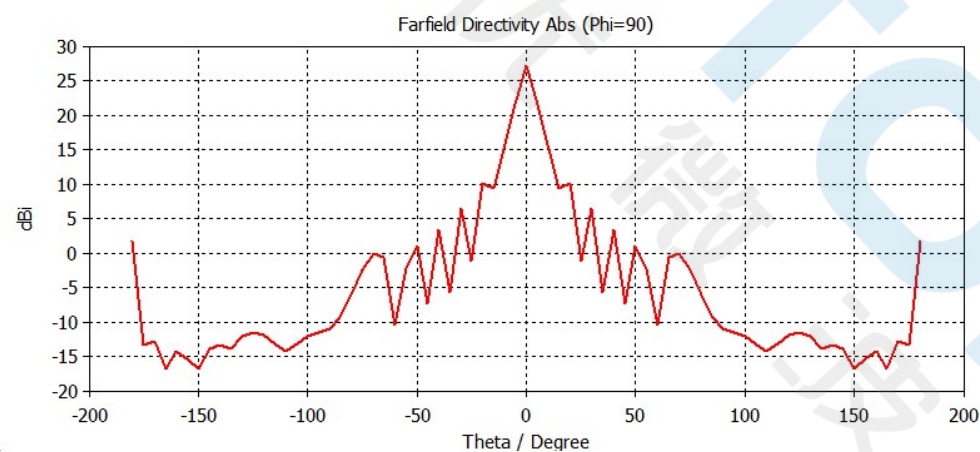
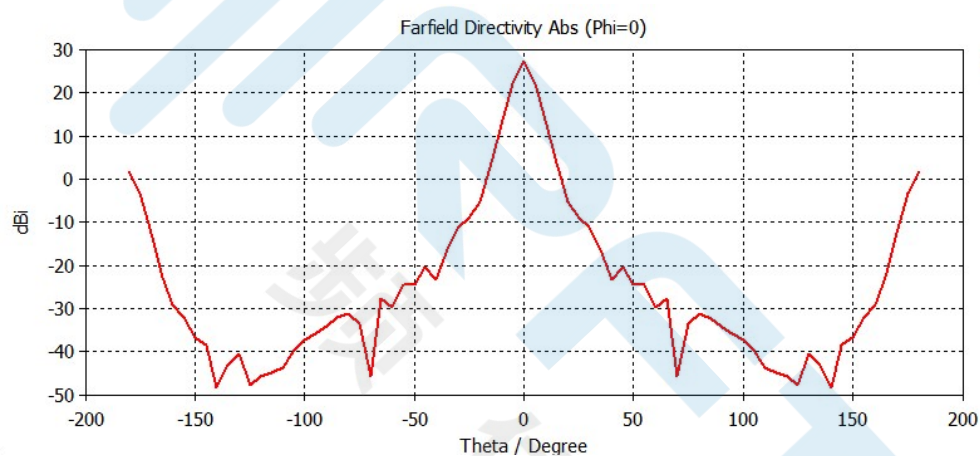


80GHz

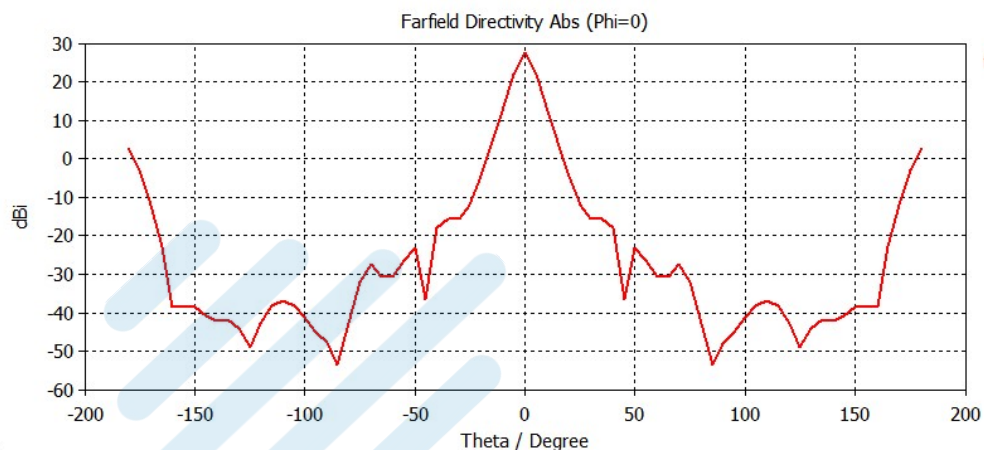




85GHz

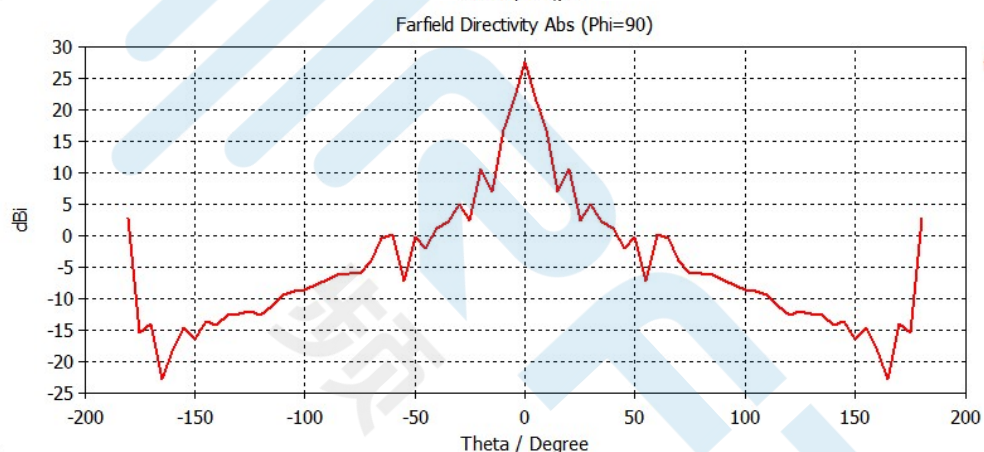


90GHz



farfield (f=90) [1]

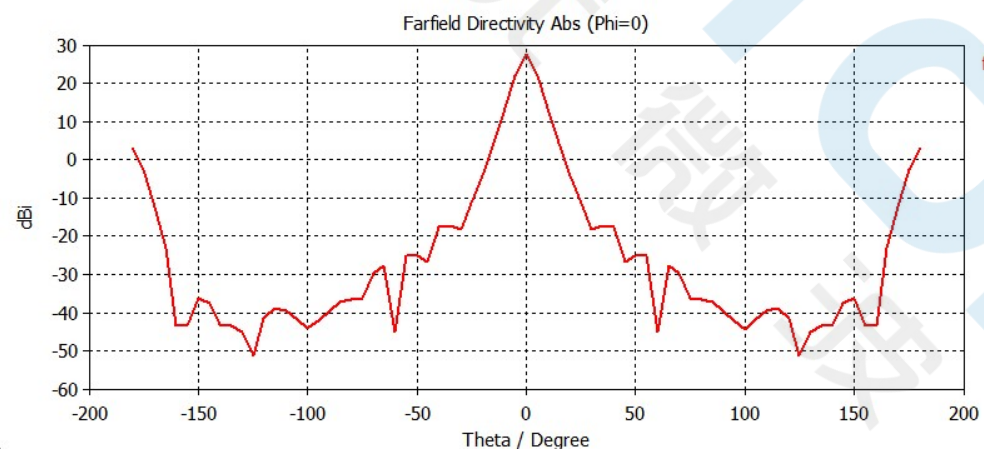
Frequency = 90
Main lobe magnitude = 27.5 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 5.5 deg.
Side lobe level = -24.8 dB



farfield (f=90) [1]

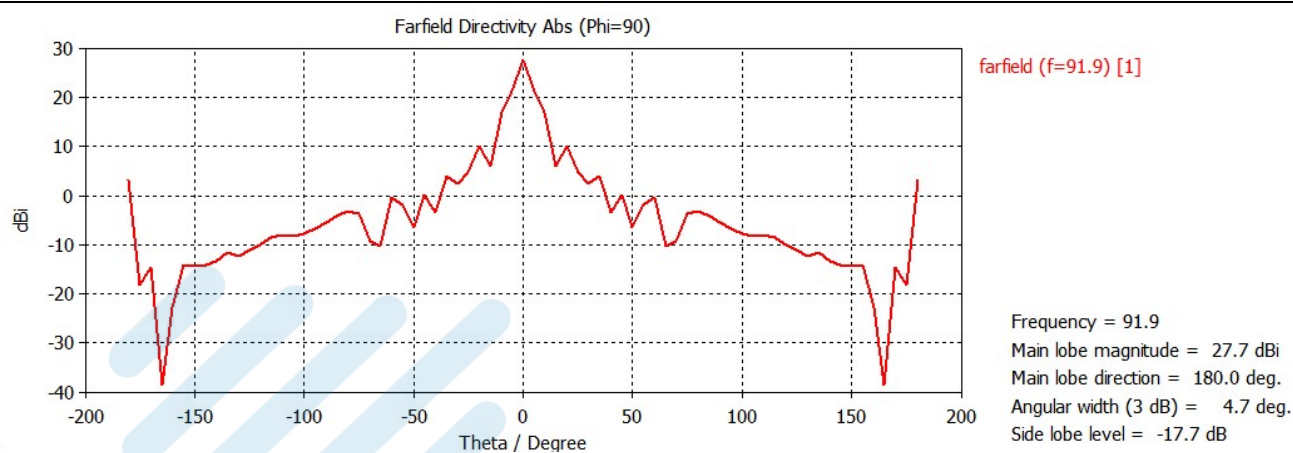
Frequency = 90
Main lobe magnitude = 27.5 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 4.9 deg.
Side lobe level = -17.1 dB

91.9GHz

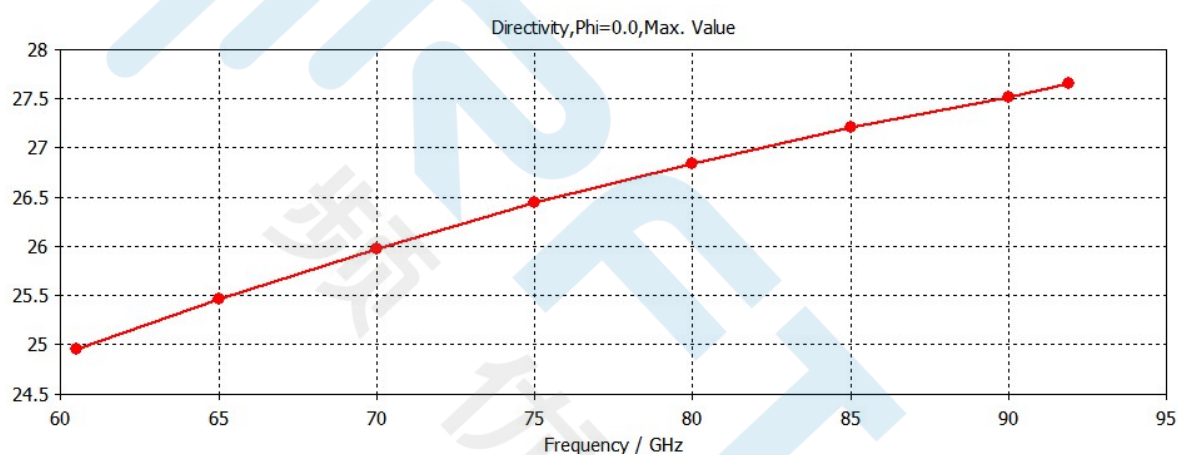


farfield (f=91.9) [1]

Frequency = 91.9
Main lobe magnitude = 27.7 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 5.4 deg.
Side lobe level = -24.6 dB



Frequency vs Gain



Frequency	Gain dBi	Frequency	Gain dBi
60.5GHz	24.9	80GHz	26.8
65GHz	25.5	85GHz	27.2
70GHz	26	90GHz	27.5
75GHz	26.4	91.9GHz	27.7