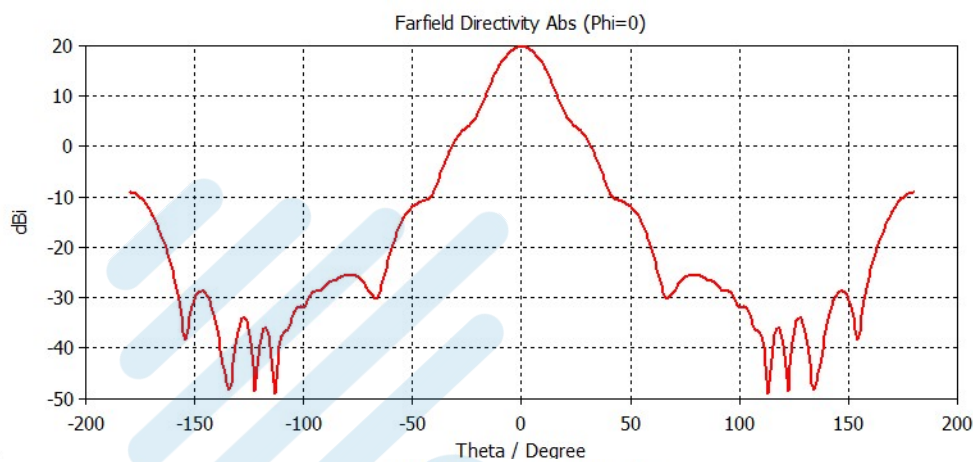


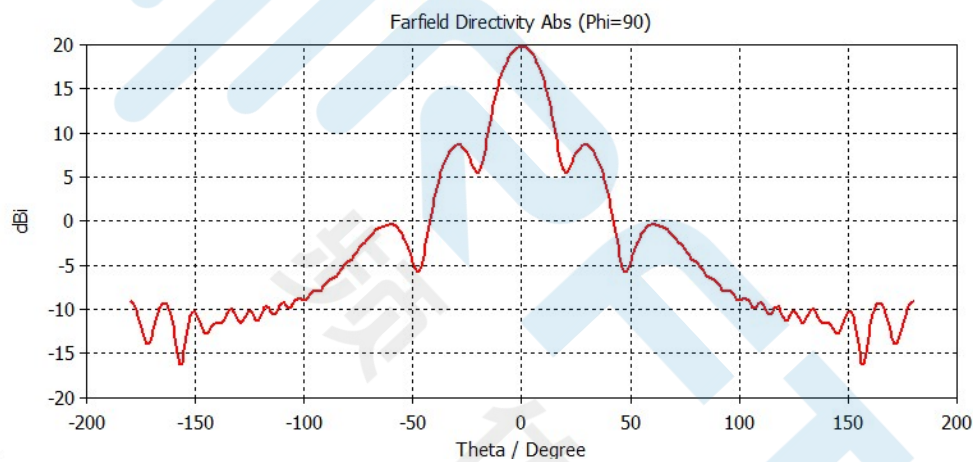
WR19(BJ500) 20dBi Gain Horn Antenna

39.2GHz



farfield (f=39.2000) [1]

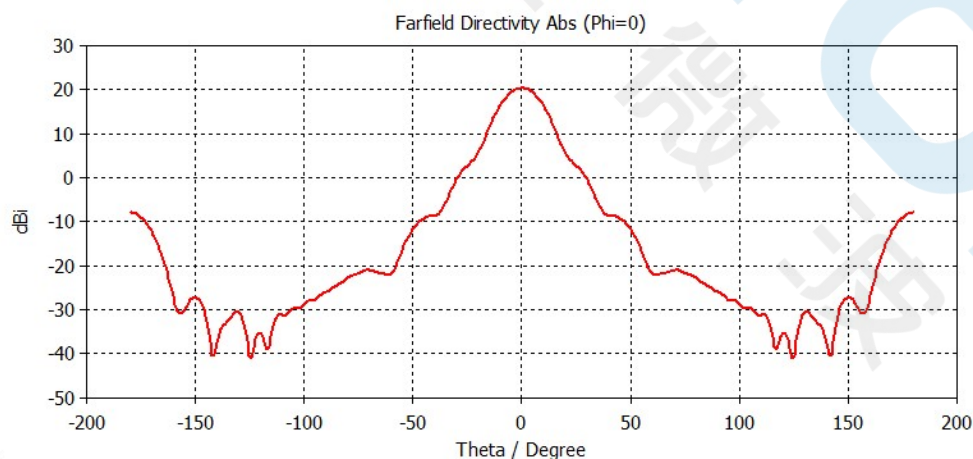
Frequency = 39.2
Main lobe magnitude = 19.8 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 18.2 deg.
Side lobe level = -28.9 dB



farfield (f=39.2000) [1]

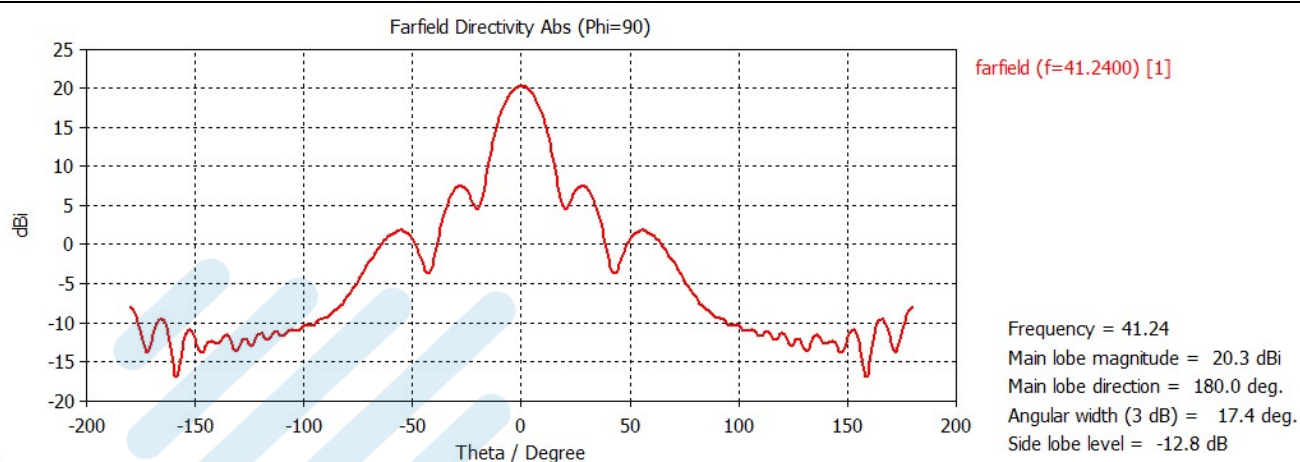
Frequency = 39.2
Main lobe magnitude = 19.8 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 18.0 deg.
Side lobe level = -11.2 dB

41.24GHz

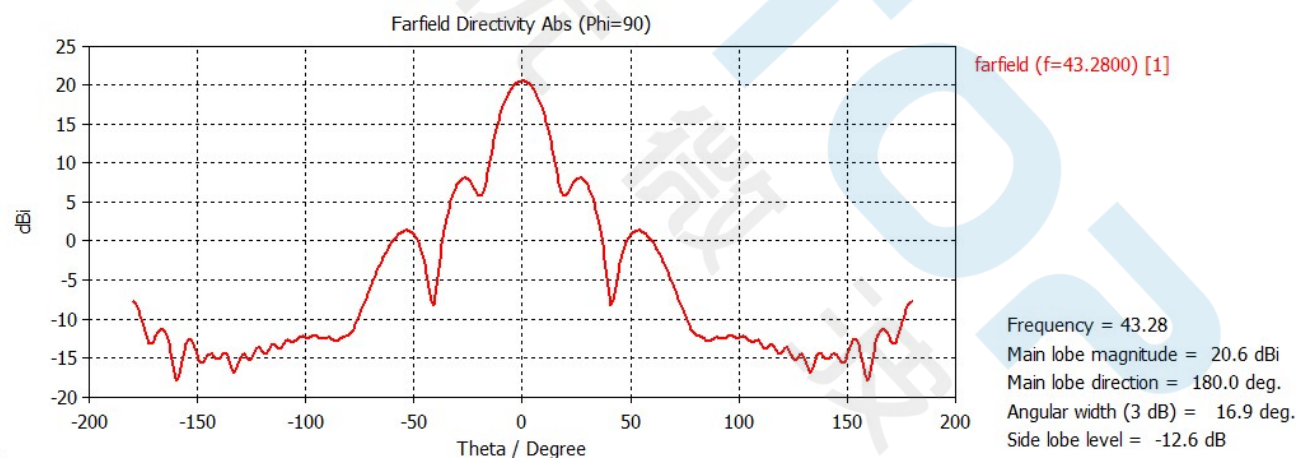
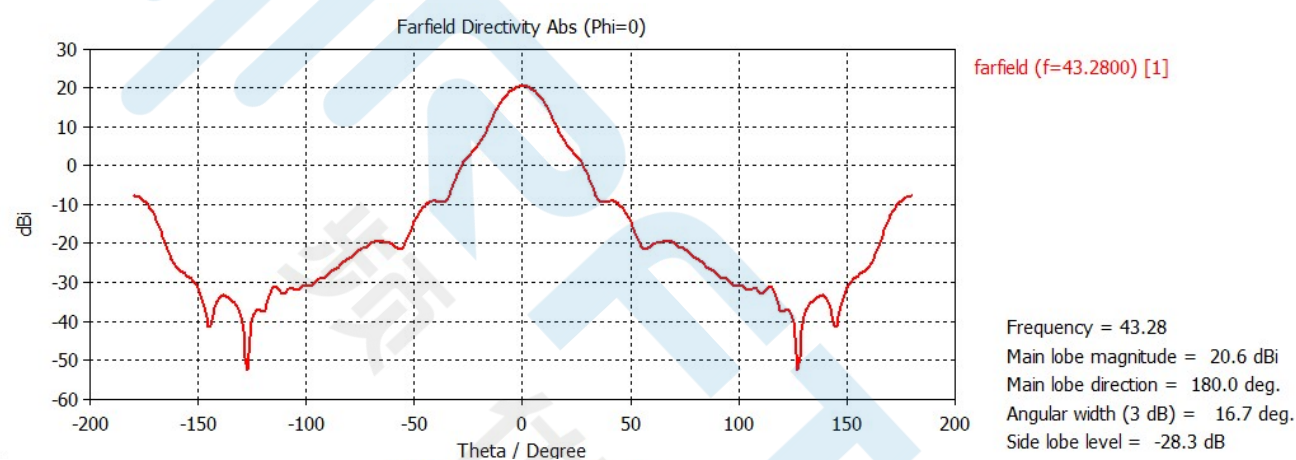


farfield (f=41.2400) [1]

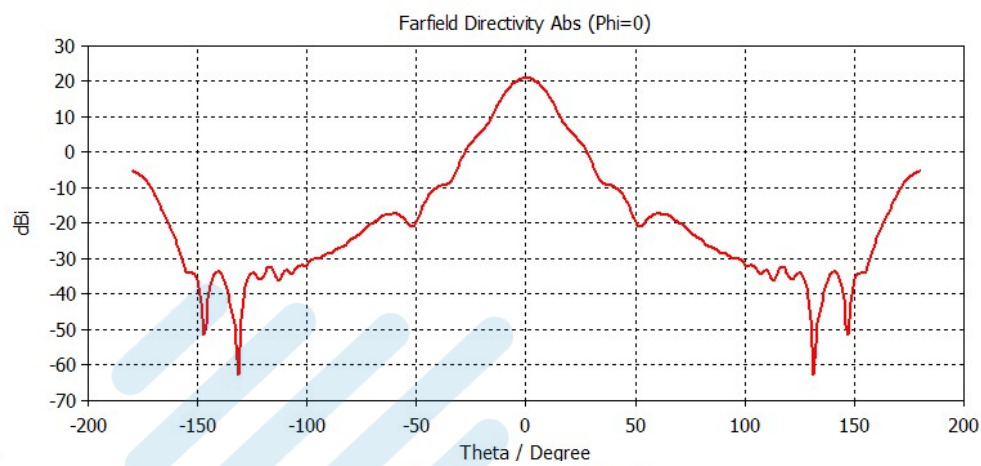
Frequency = 41.24
Main lobe magnitude = 20.3 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 17.3 deg.
Side lobe level = -28.2 dB



43.28GHz

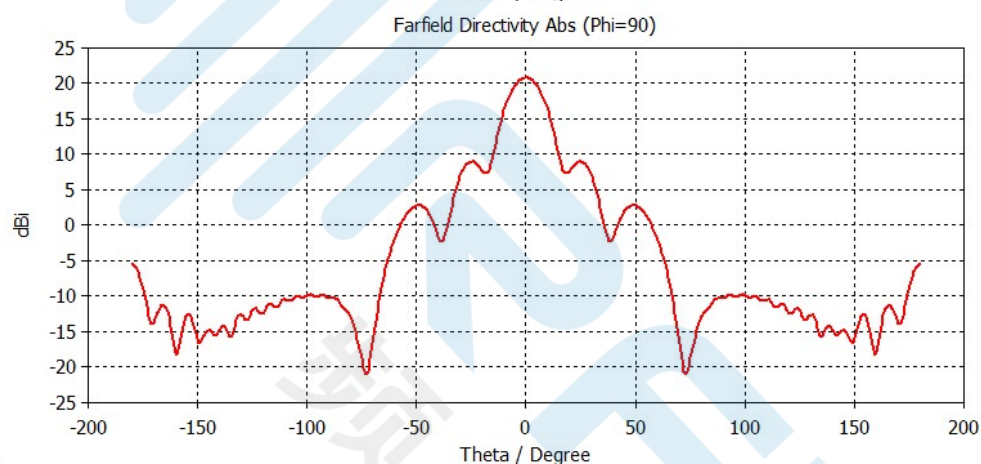


45.32GHz



farfield (f=45.3200) [1]

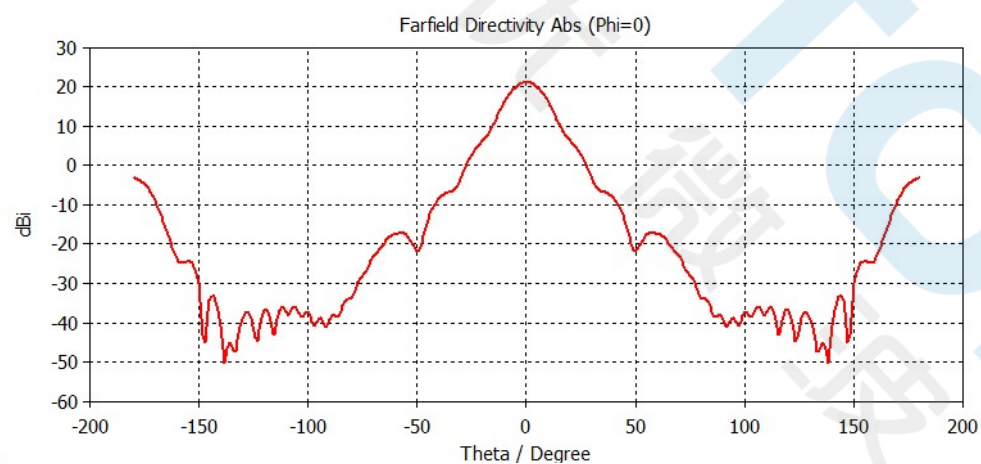
Frequency = 45.32
Main lobe magnitude = 20.9 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 16.1 deg.
Side lobe level = -26.3 dB



farfield (f=45.3200) [1]

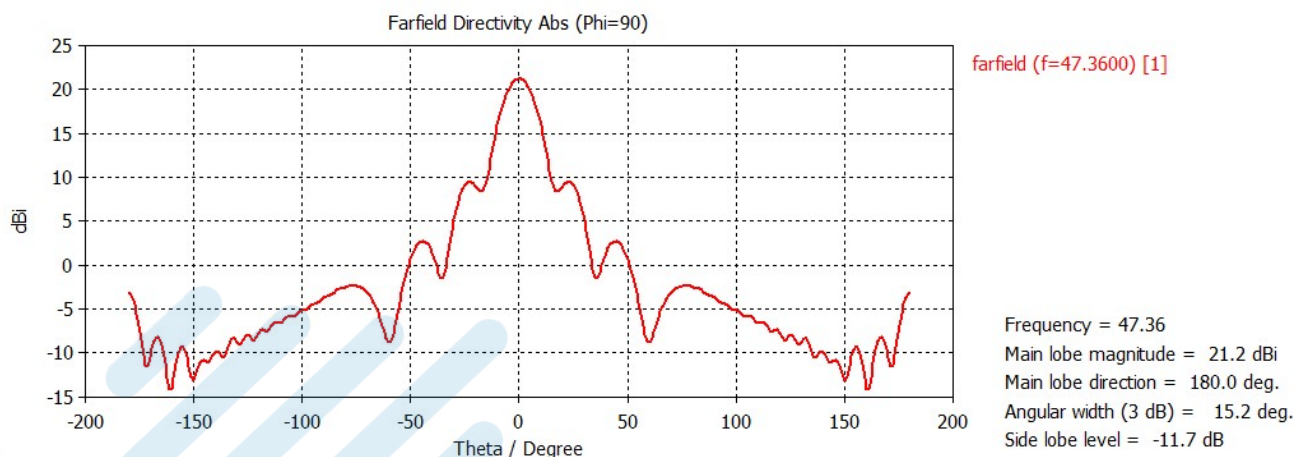
Frequency = 45.32
Main lobe magnitude = 20.9 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 16.1 deg.
Side lobe level = -11.9 dB

47.36GHz

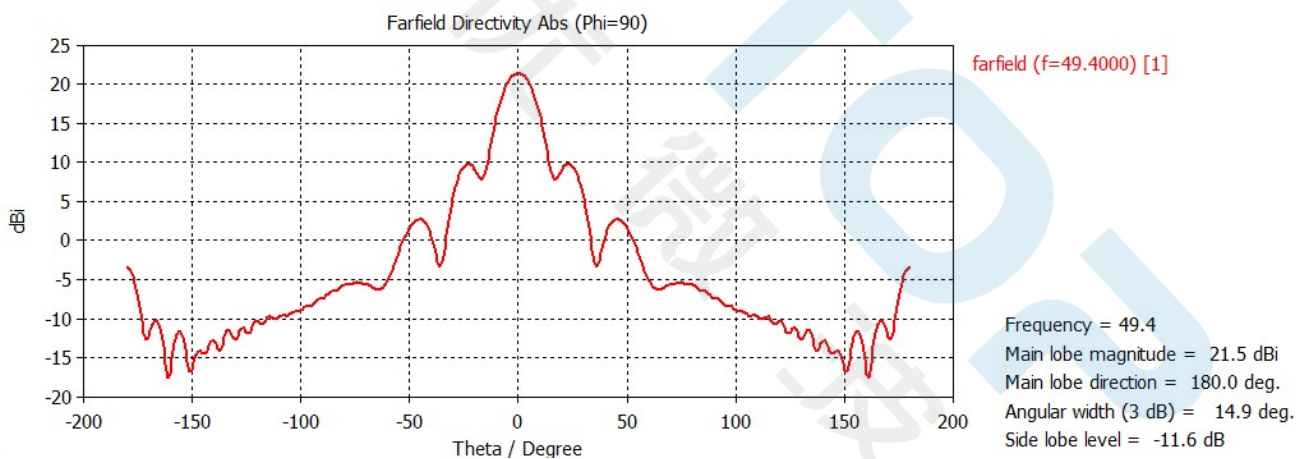
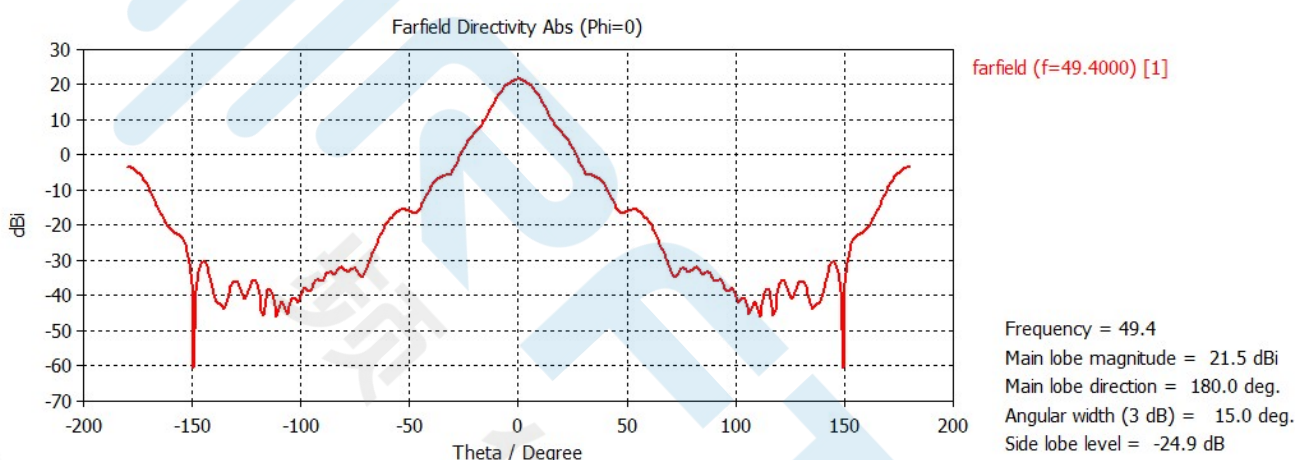


farfield (f=47.3600) [1]

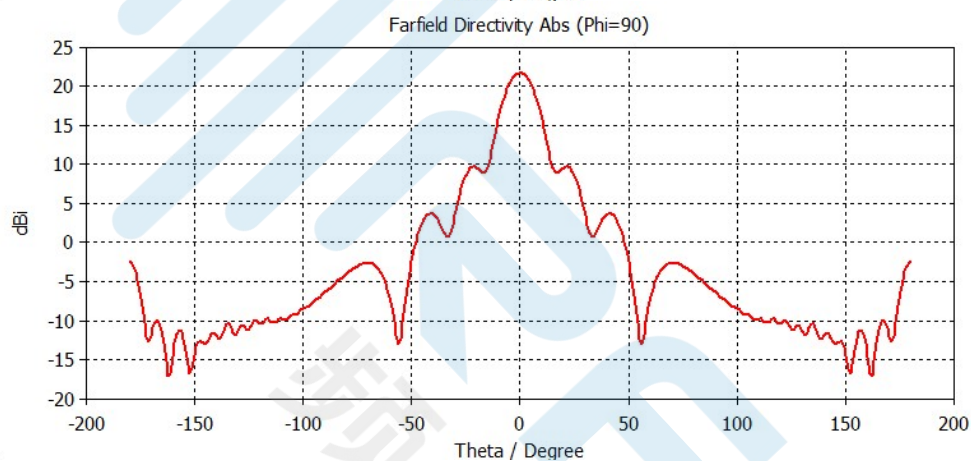
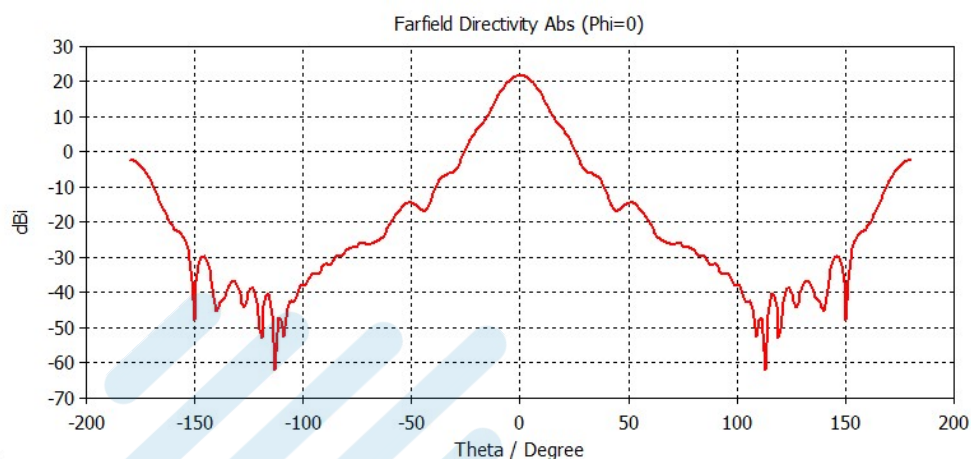
Frequency = 47.36
Main lobe magnitude = 21.2 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 15.5 deg.
Side lobe level = -24.4 dB



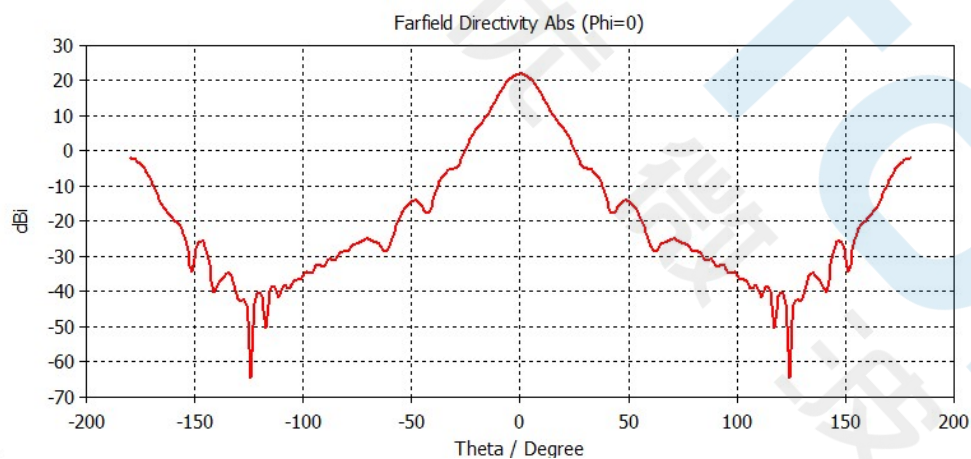
49.4GHz

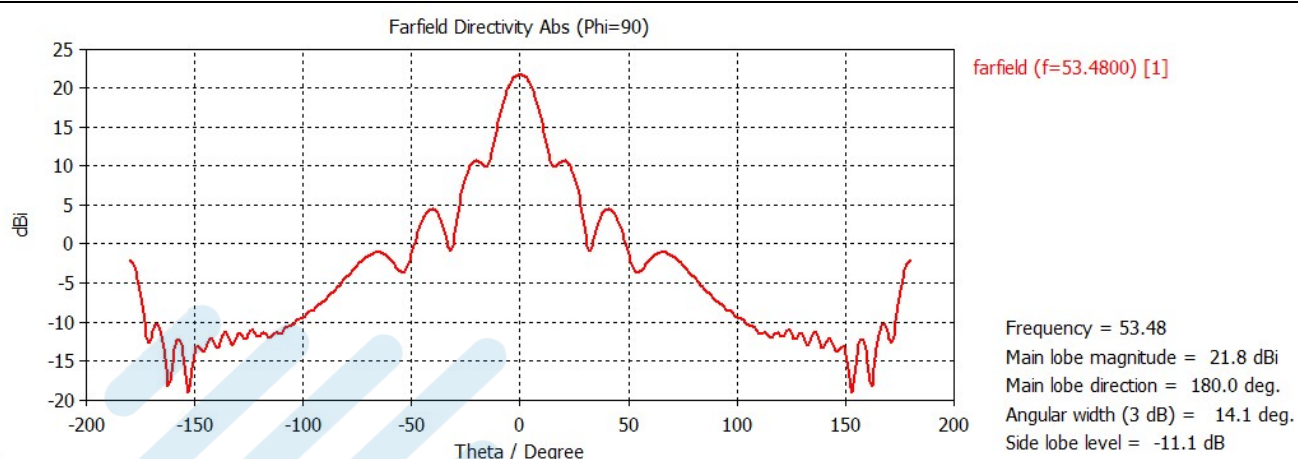


51.44GHz

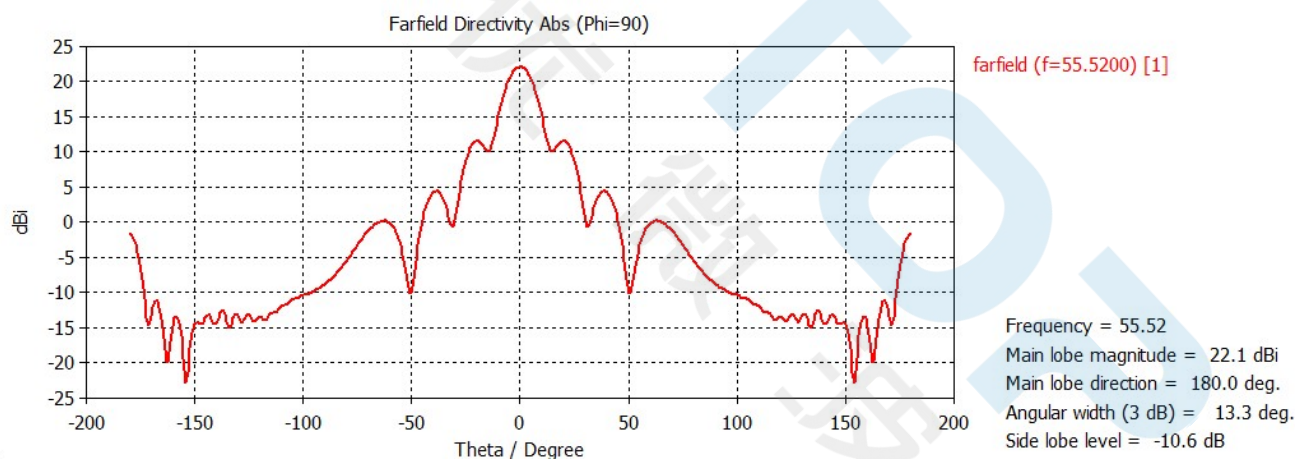
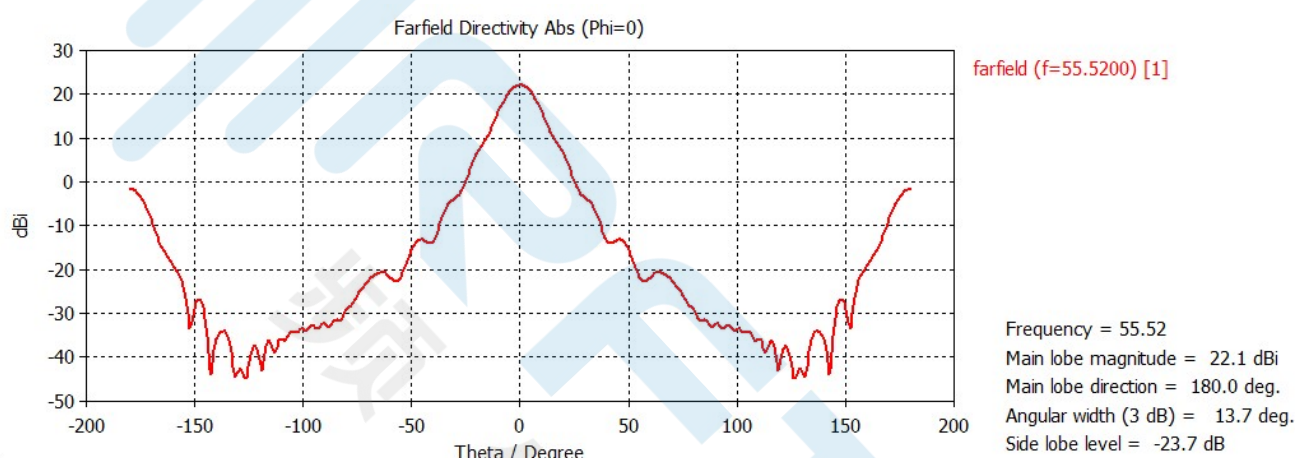


53.48GHz

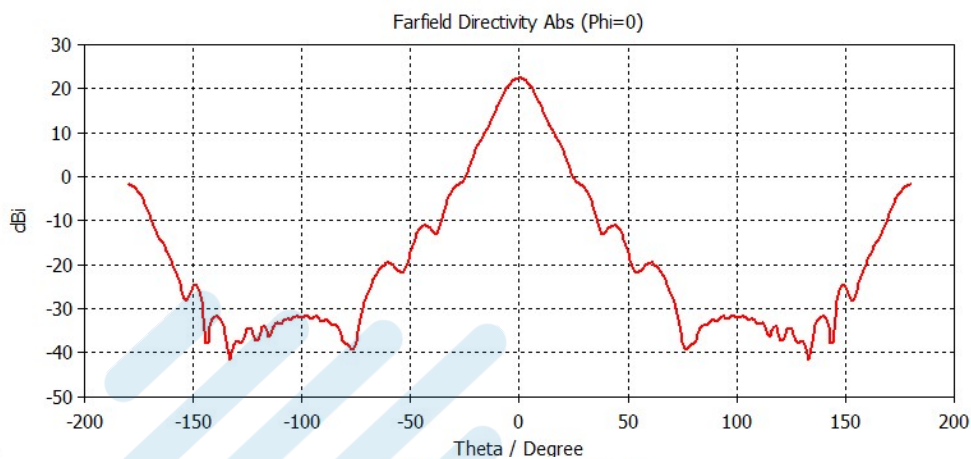




55.52GHz

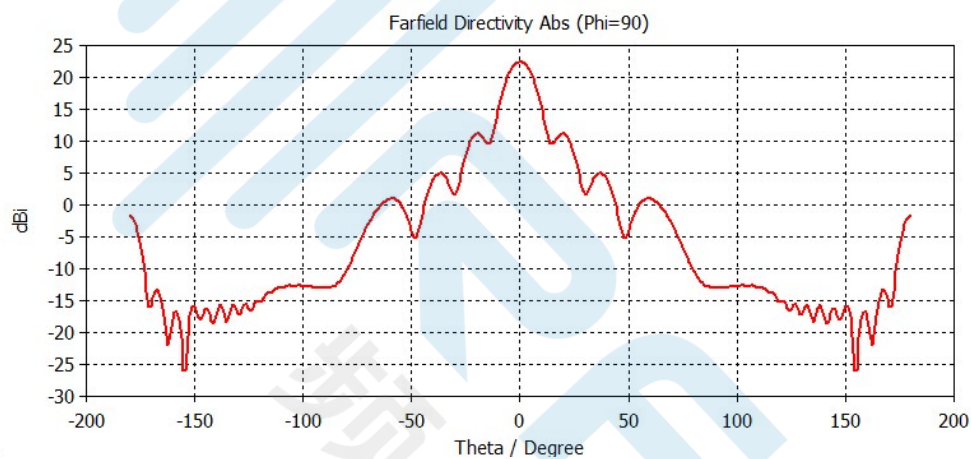


57.56GHz



farfield (f=57.5600) [1]

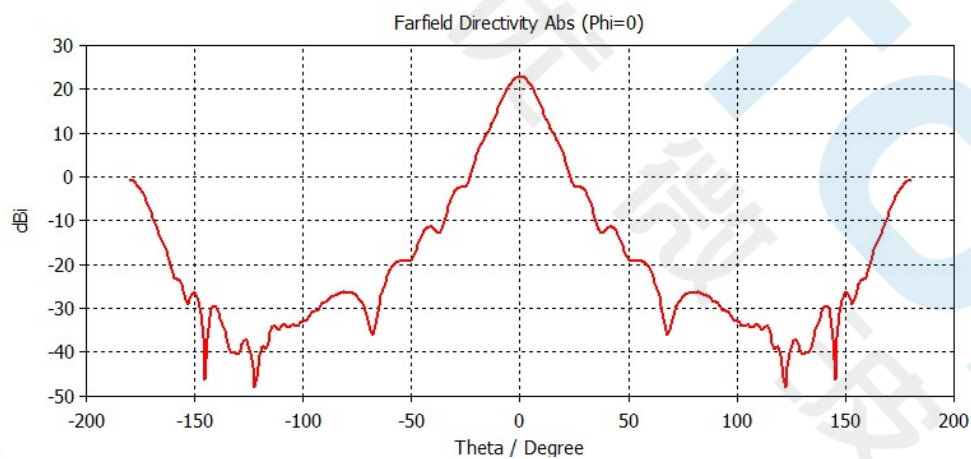
Frequency = 57.56
Main lobe magnitude = 22.5 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 13.1 deg.
Side lobe level = -24.1 dB



farfield (f=57.5600) [1]

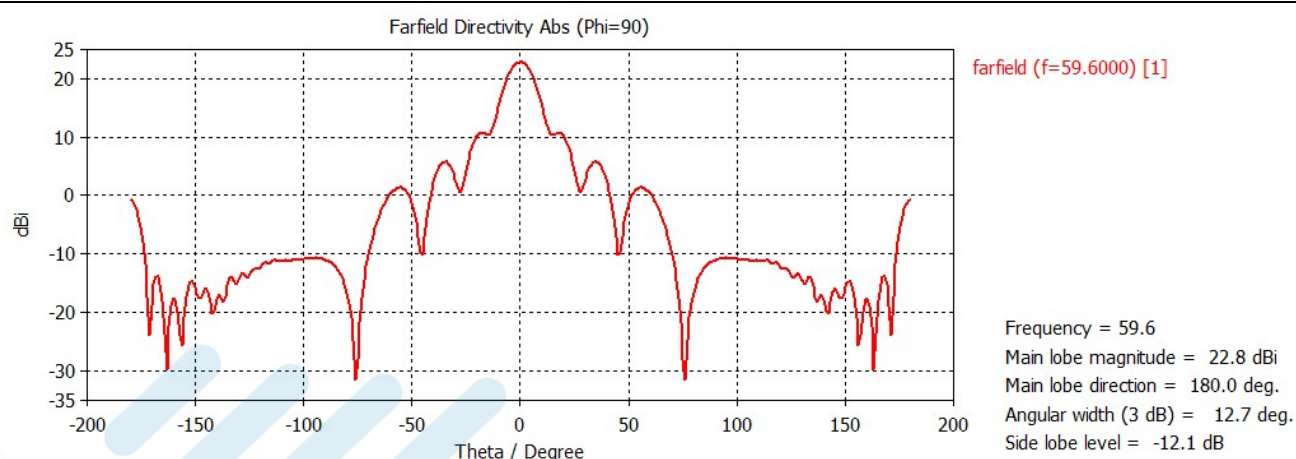
Frequency = 57.56
Main lobe magnitude = 22.5 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 12.9 deg.
Side lobe level = -11.3 dB

59.6GHz

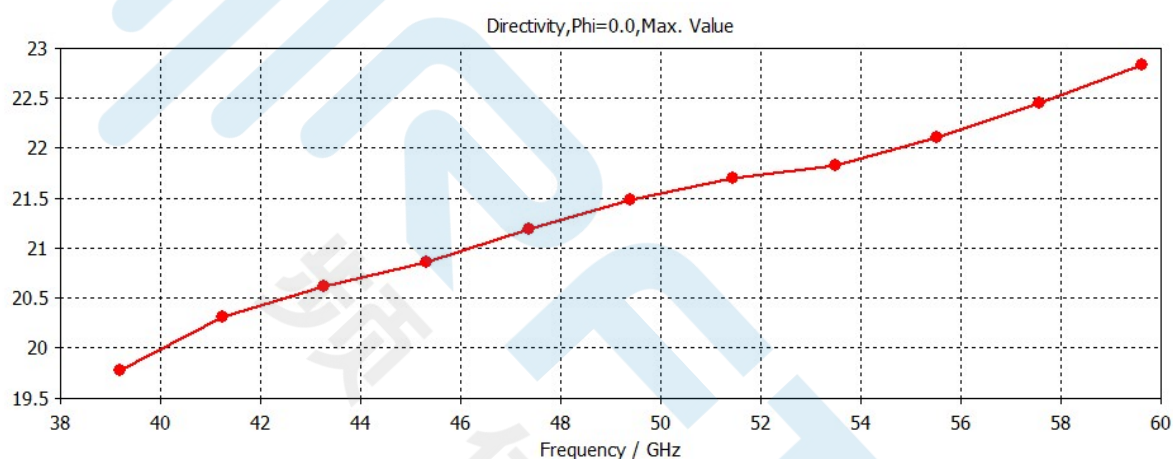


farfield (f=59.6000) [1]

Frequency = 59.6
Main lobe magnitude = 22.8 dBi
Main lobe direction = 180.0 deg.
Angular width (3 dB) = 12.6 deg.
Side lobe level = -23.6 dB



Frequency vs Gain



Frequency	Gain dBi	Frequency	Gain dBi
39.2GHz	19.8	51.44GHz	21.7
41.24GHz	20.3	53.48GHz	21.8
43.28GHz	20.6	55.52GHz	22.1
45.32GHz	20.9	57.56GHz	22.5
47.36GHz	21.2	59.6GHz	22.8
49.4GHz	21.5		