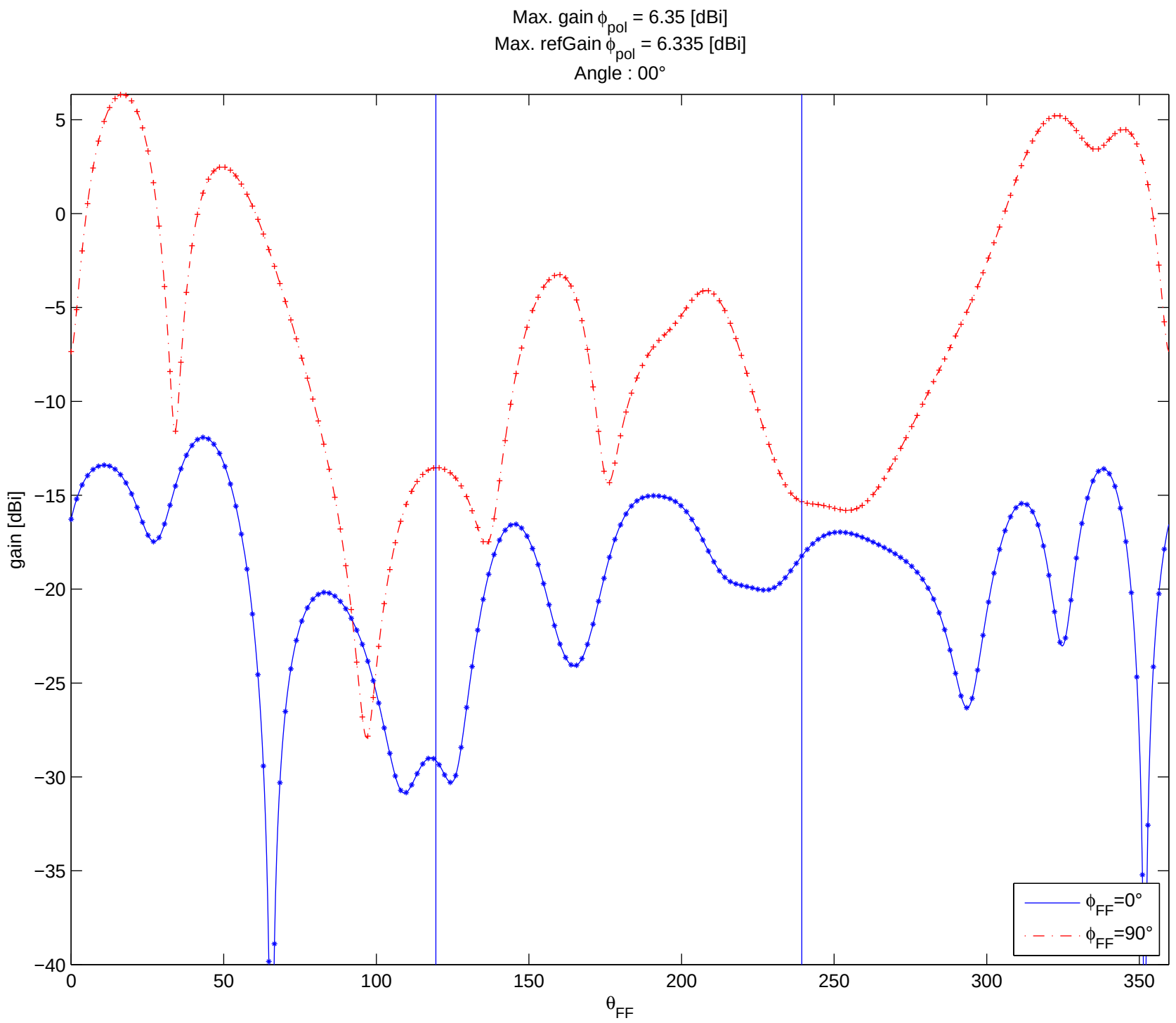
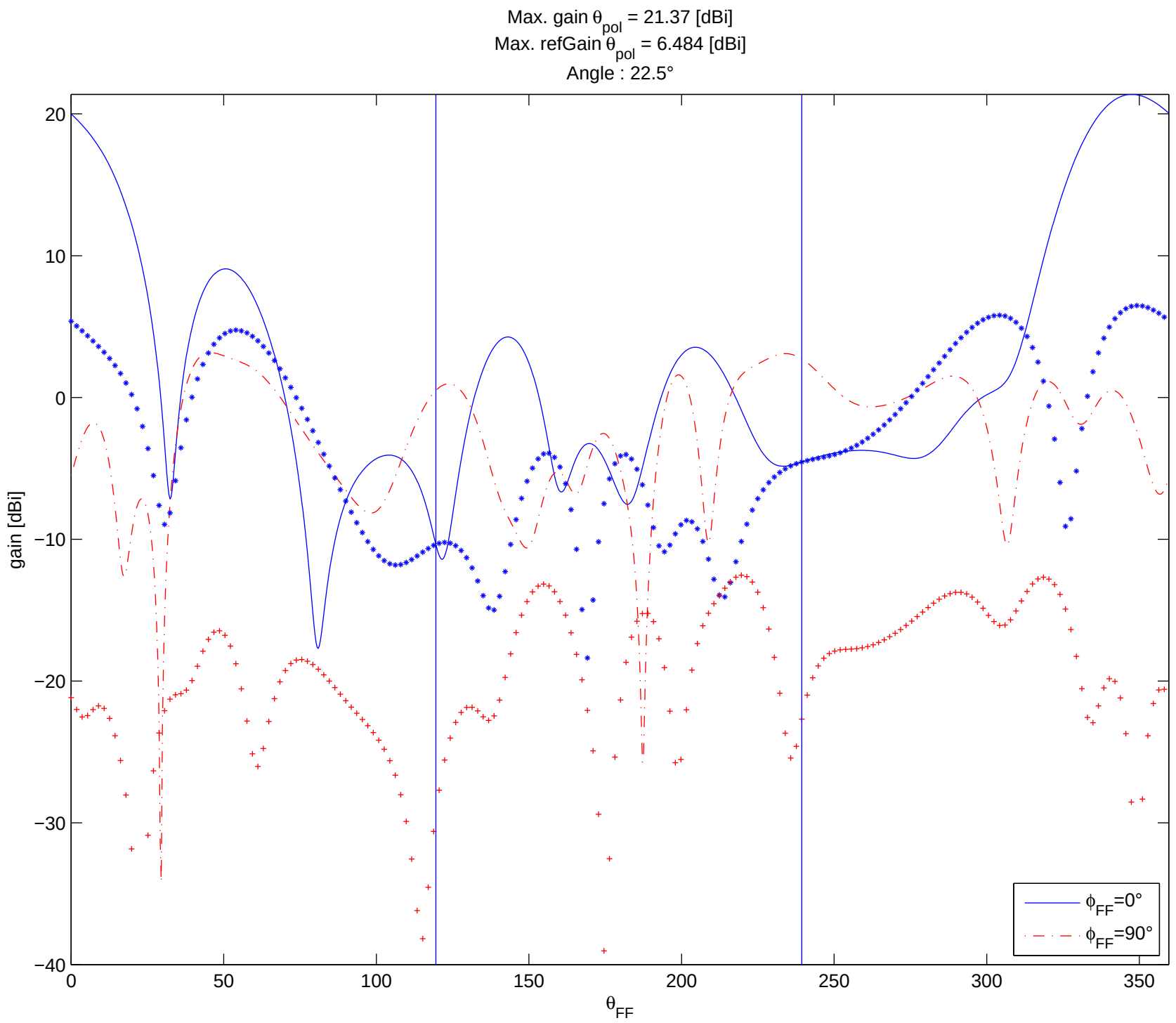
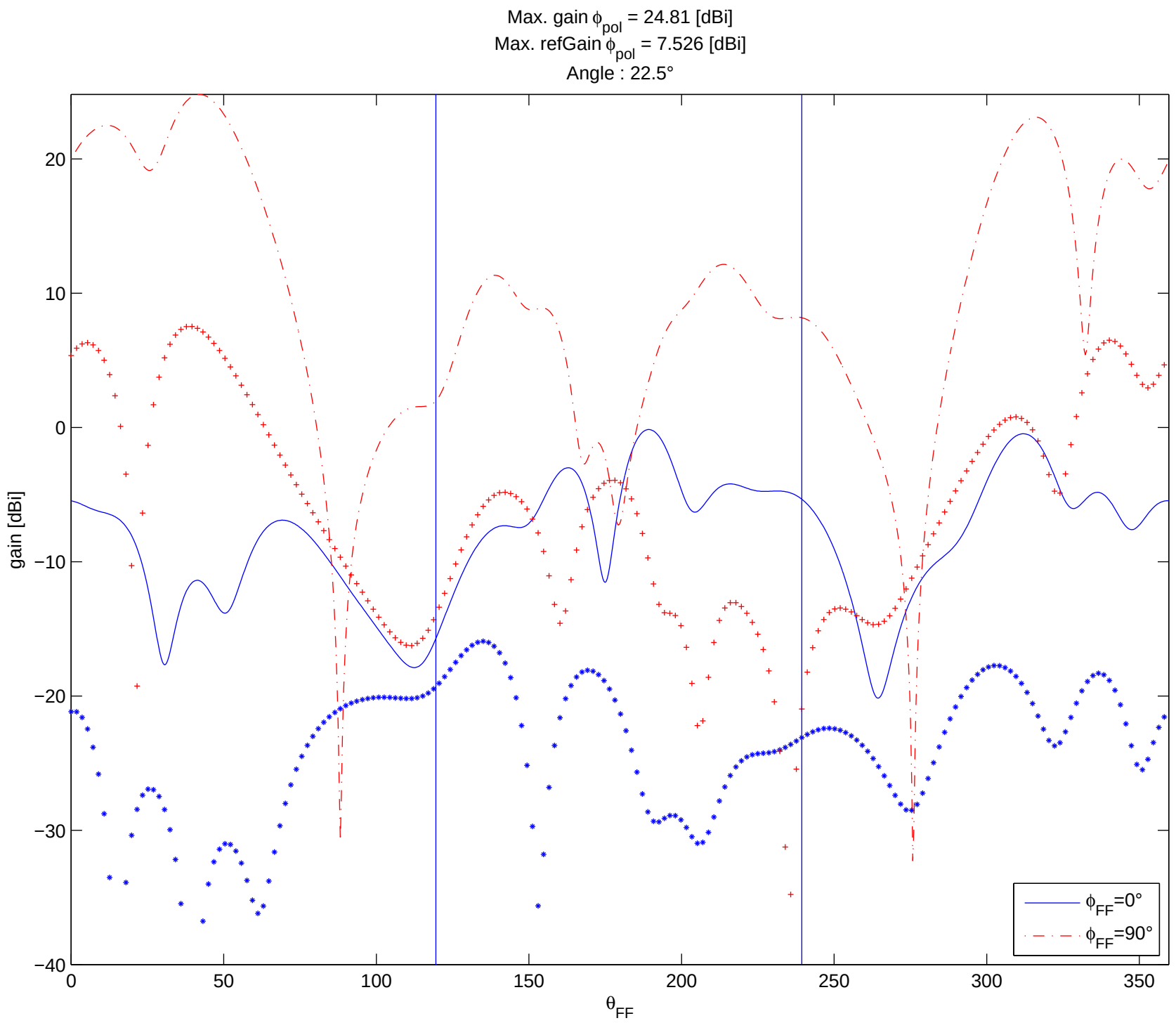
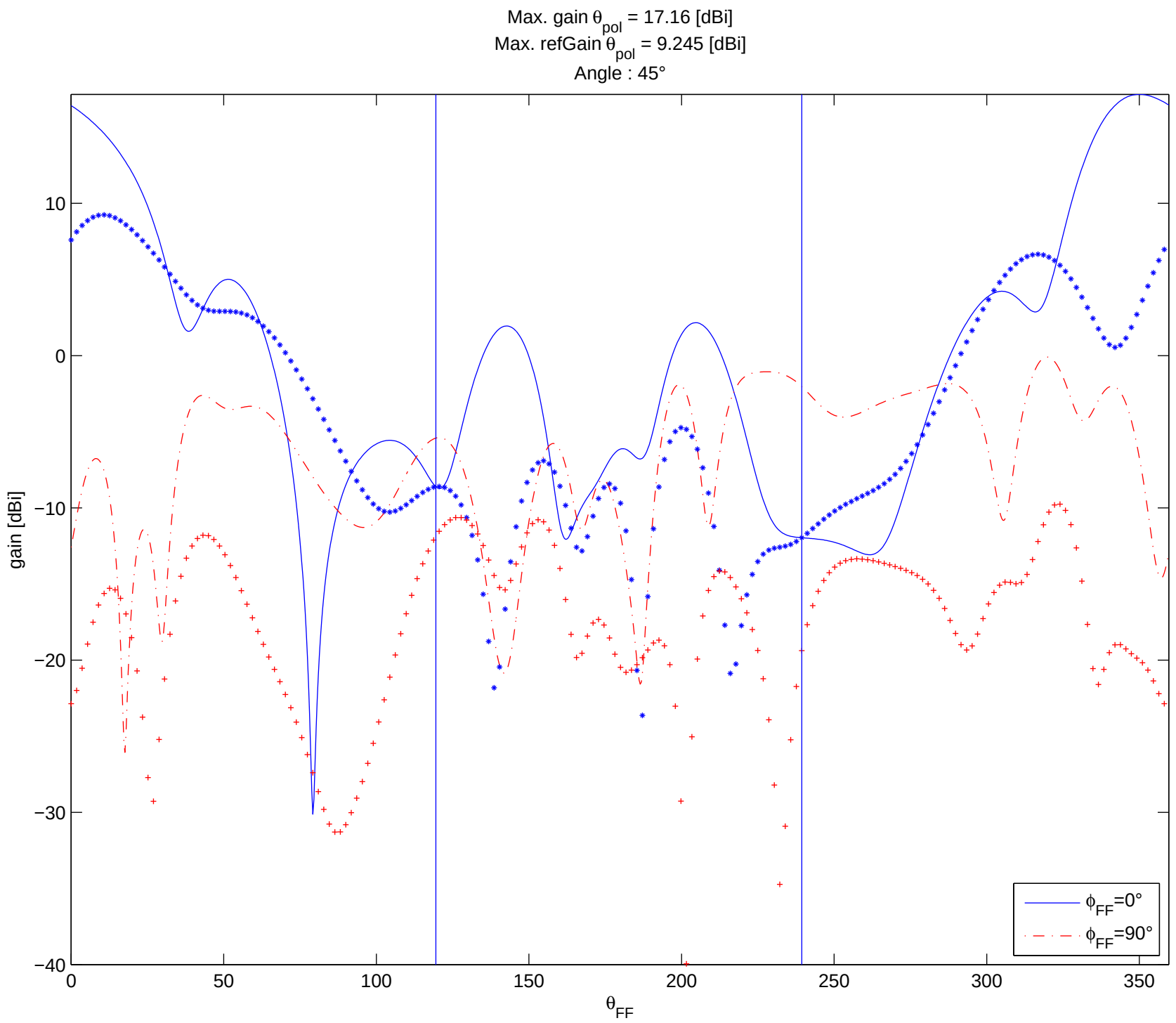
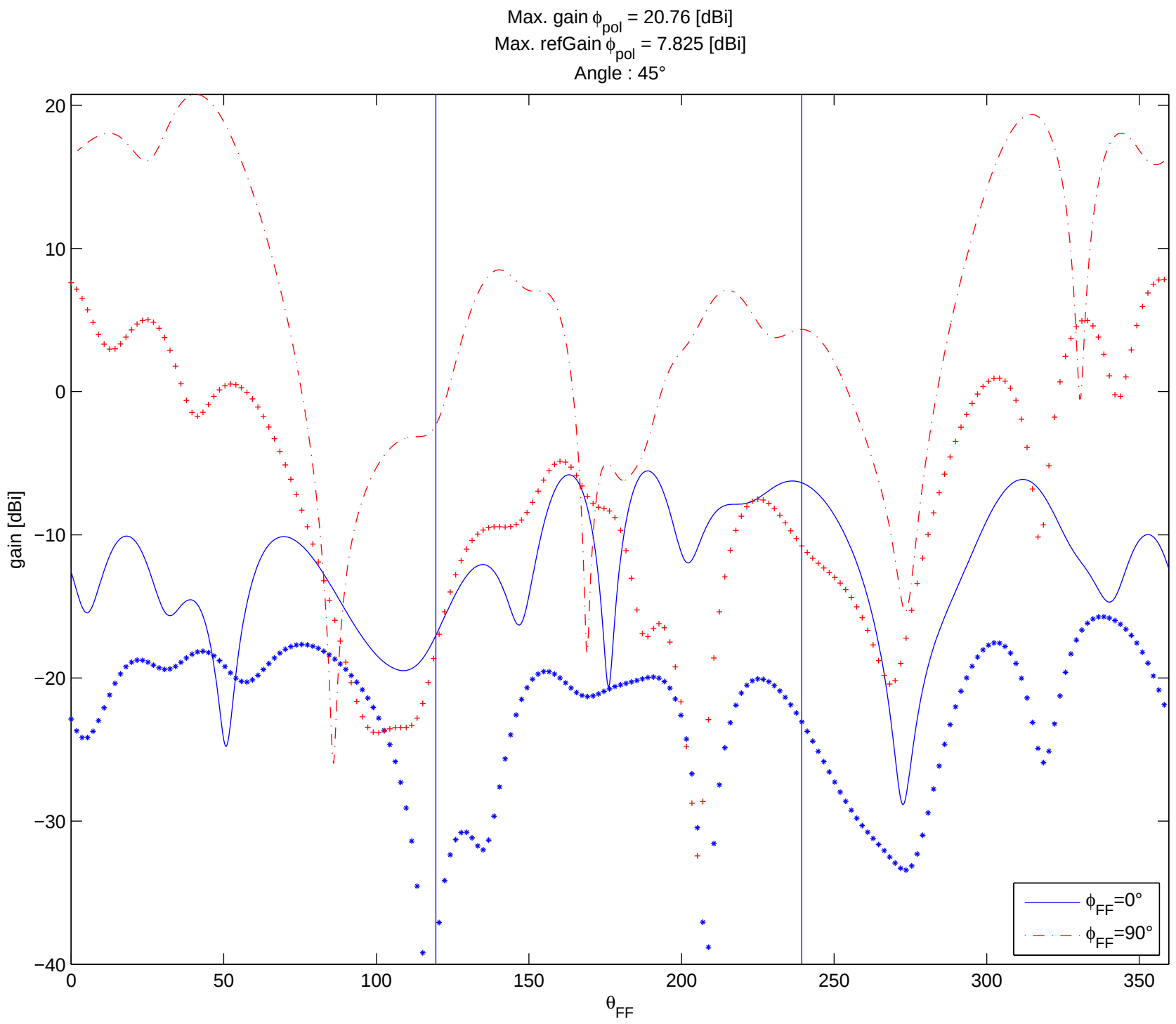
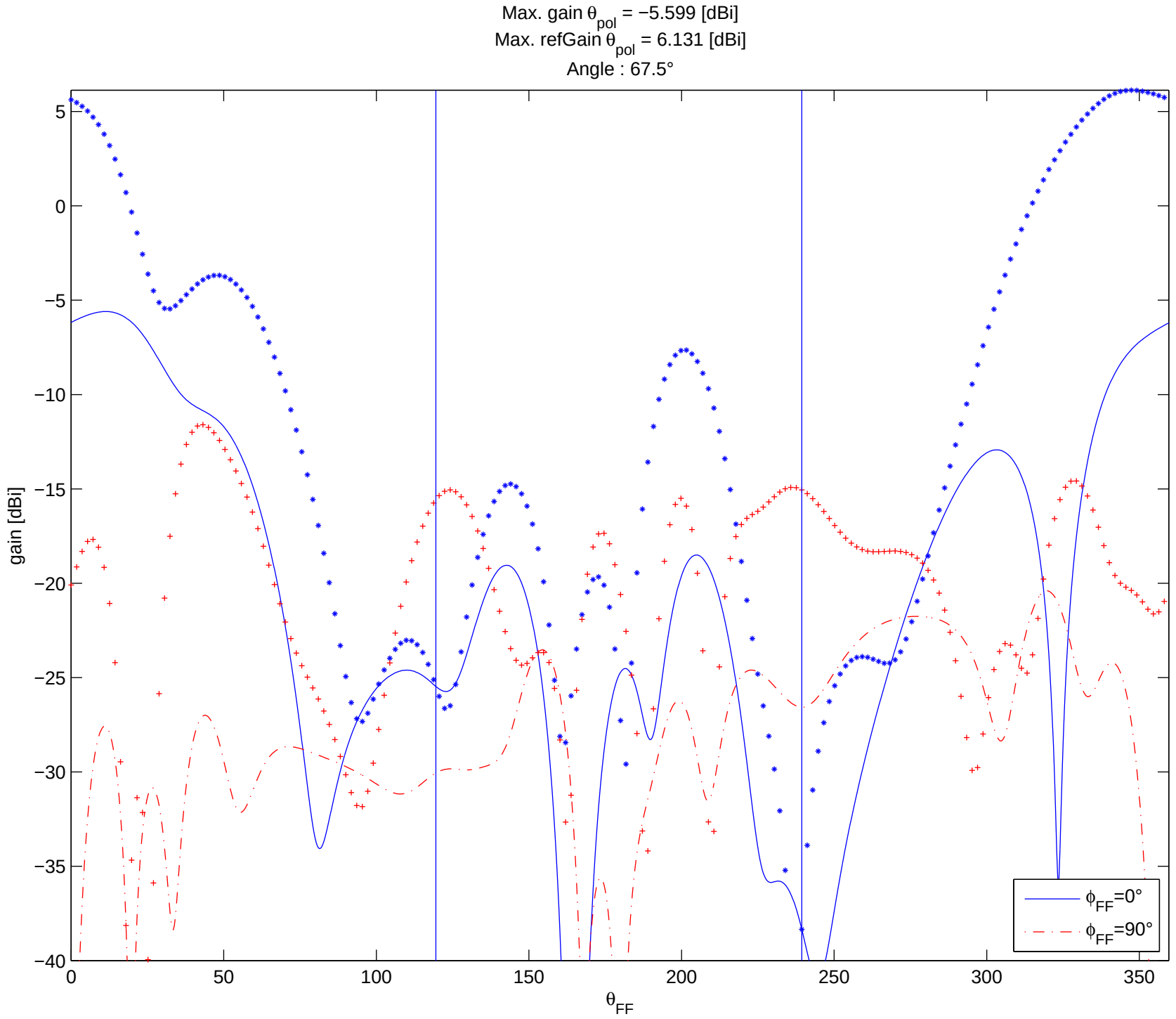

Max. gain ϕ_{pol} = 6.35 [dBi]
Max. refGain ϕ_{pol} = 6.335 [dBi]
Angle : 00°
gain [dBi]
θ_{FF}
ϕ_{FF}=0°
ϕ_{FF}=90°
5
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350

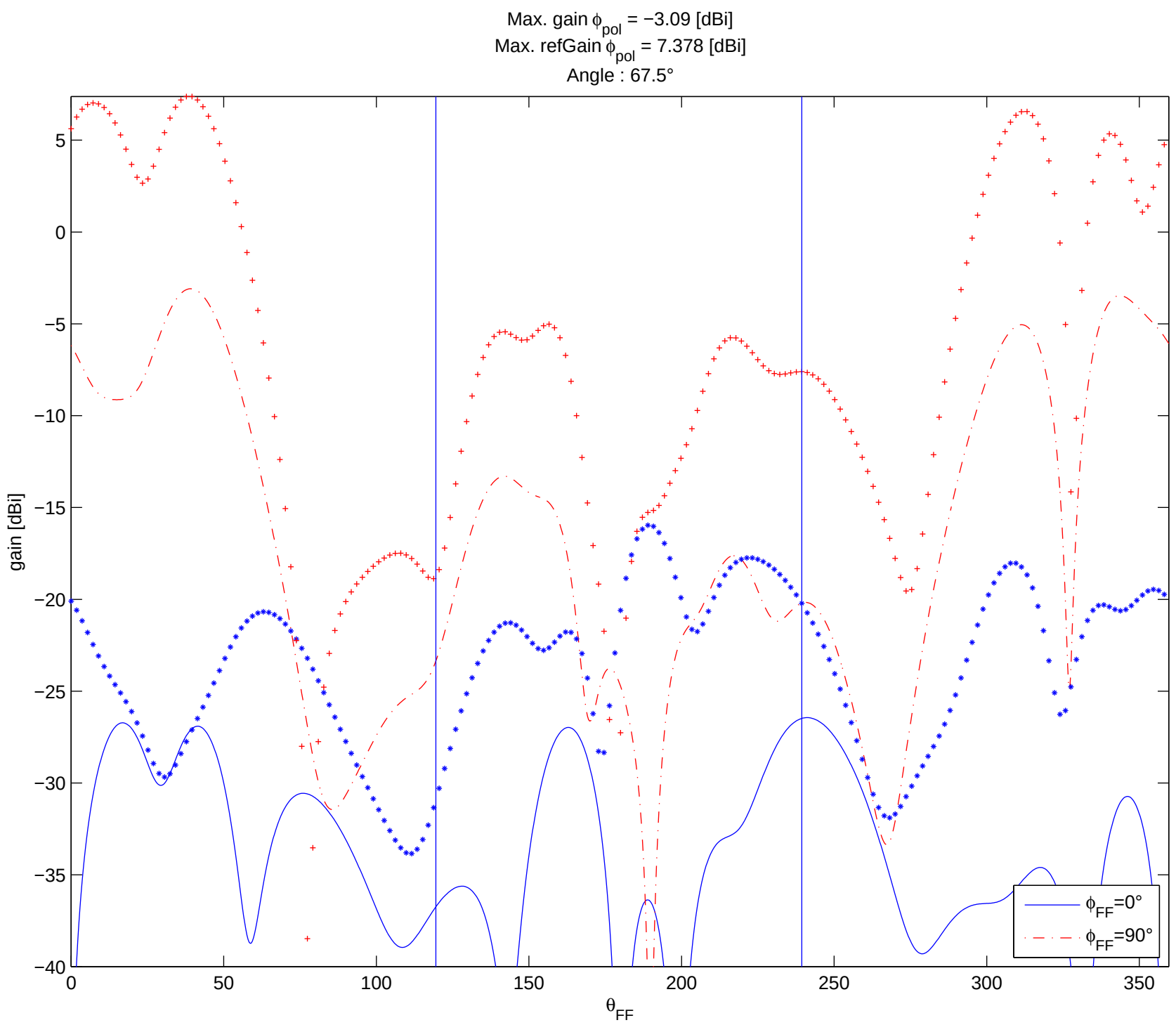

Max. gain θpol = 21.37 [dBi]
Max. refGain θpol = 6.484 [dBi]
Angle : 22.5°
gain [dBi]
θFF
ϕFF=0°
ϕFF=90°
20
10
0
−10
−20
−30
−40
0
50
100
150
200
250
300
350

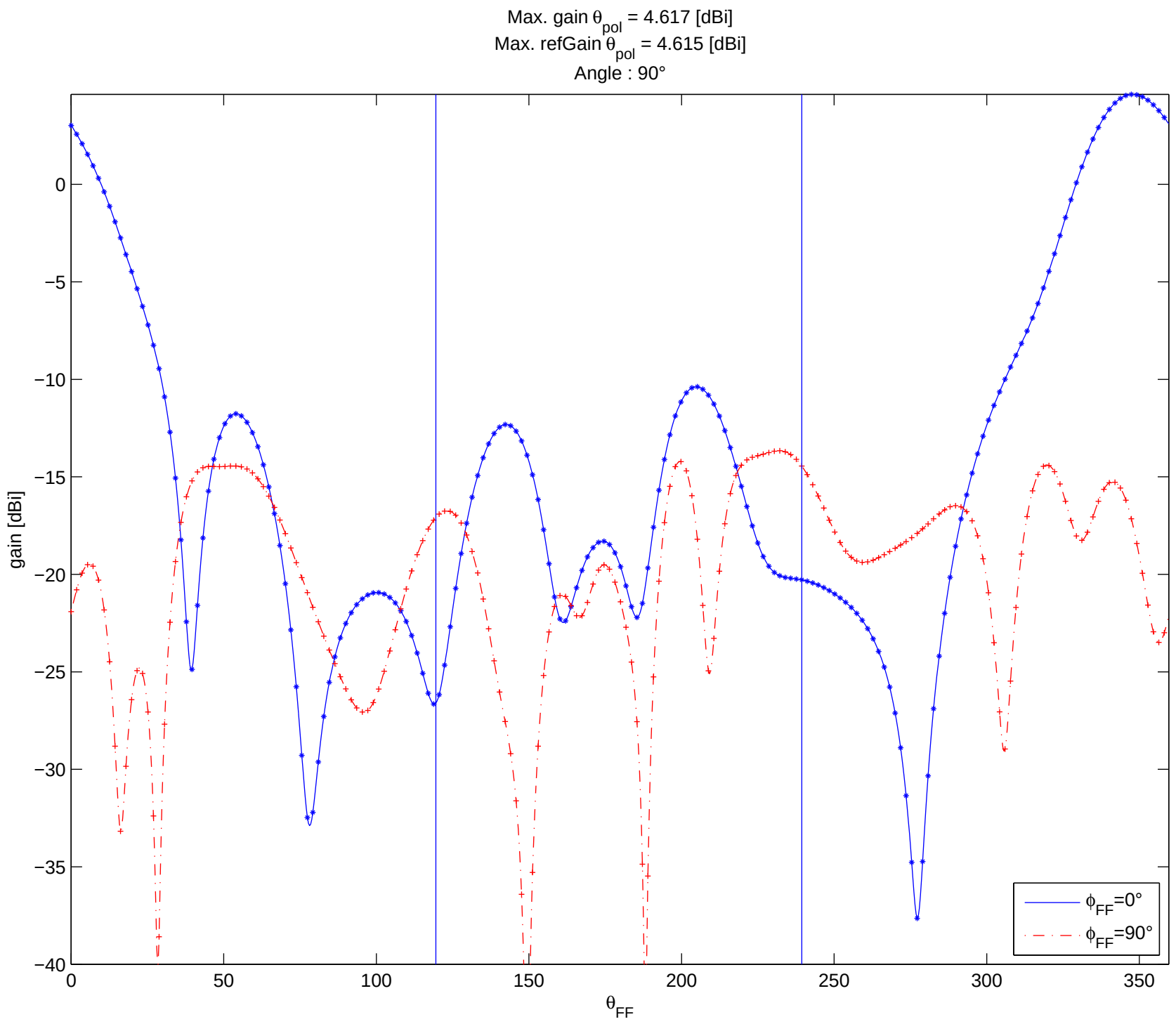

Max. gain ϕ_{pol} = 24.81 [dBi]
Max. refGain ϕ_{pol} = 7.526 [dBi]
Angle : 22.5°
gain [dBi]
θ_{FF}
ϕ_{FF}=0°
ϕ_{FF}=90°
20
10
0
−10
−20
−30
−40
0
50
100
150
200
250
300
350

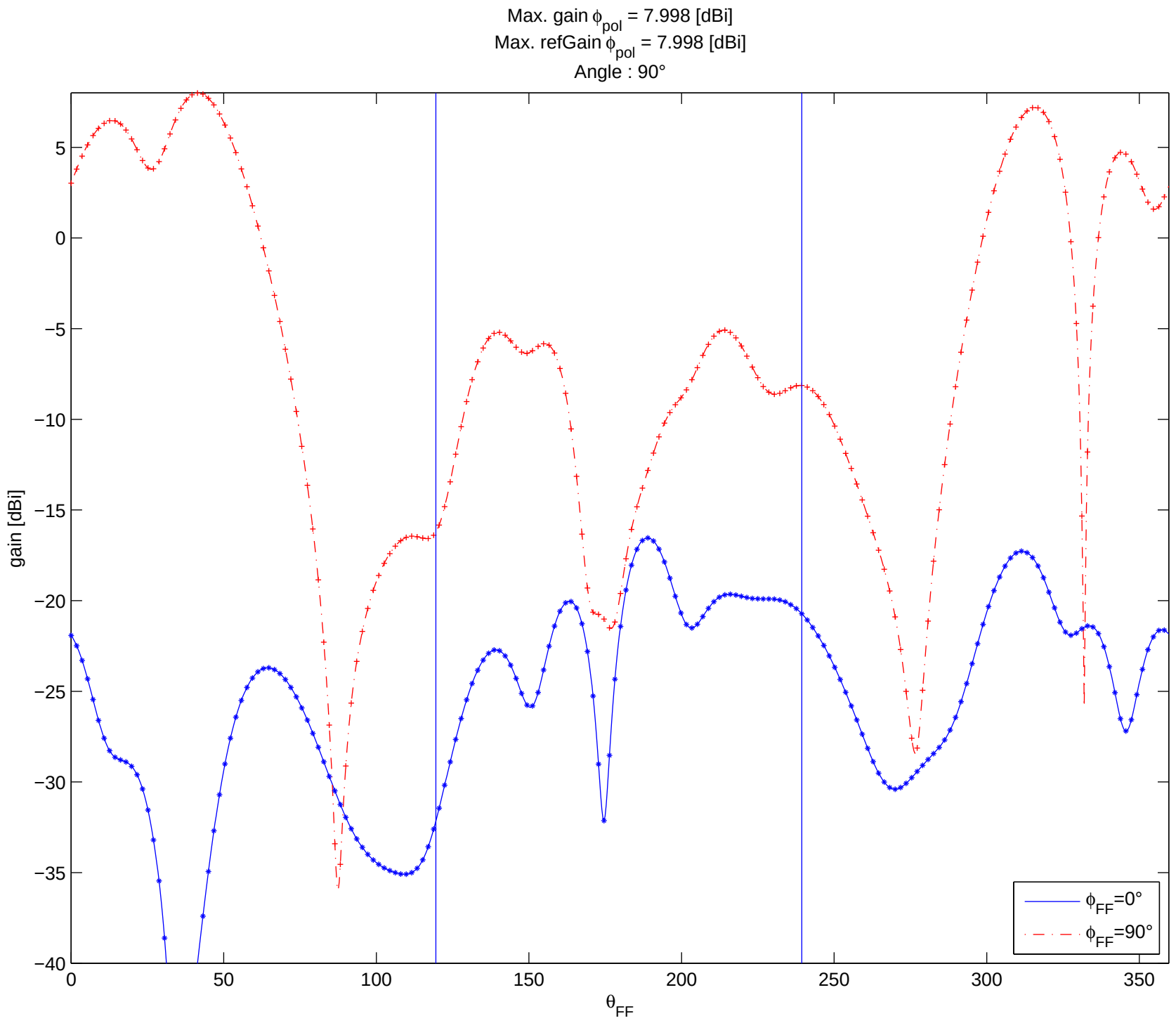

Max. gain θpol = 17.16 [dBi]
Max. refGain θpol = 9.245 [dBi]
Angle : 45°
gain [dBi]
θFF
10
0
−10
−20
−30
−40
0
50
100
150
200
250
300
350
ϕFF=0°
ϕFF=90°

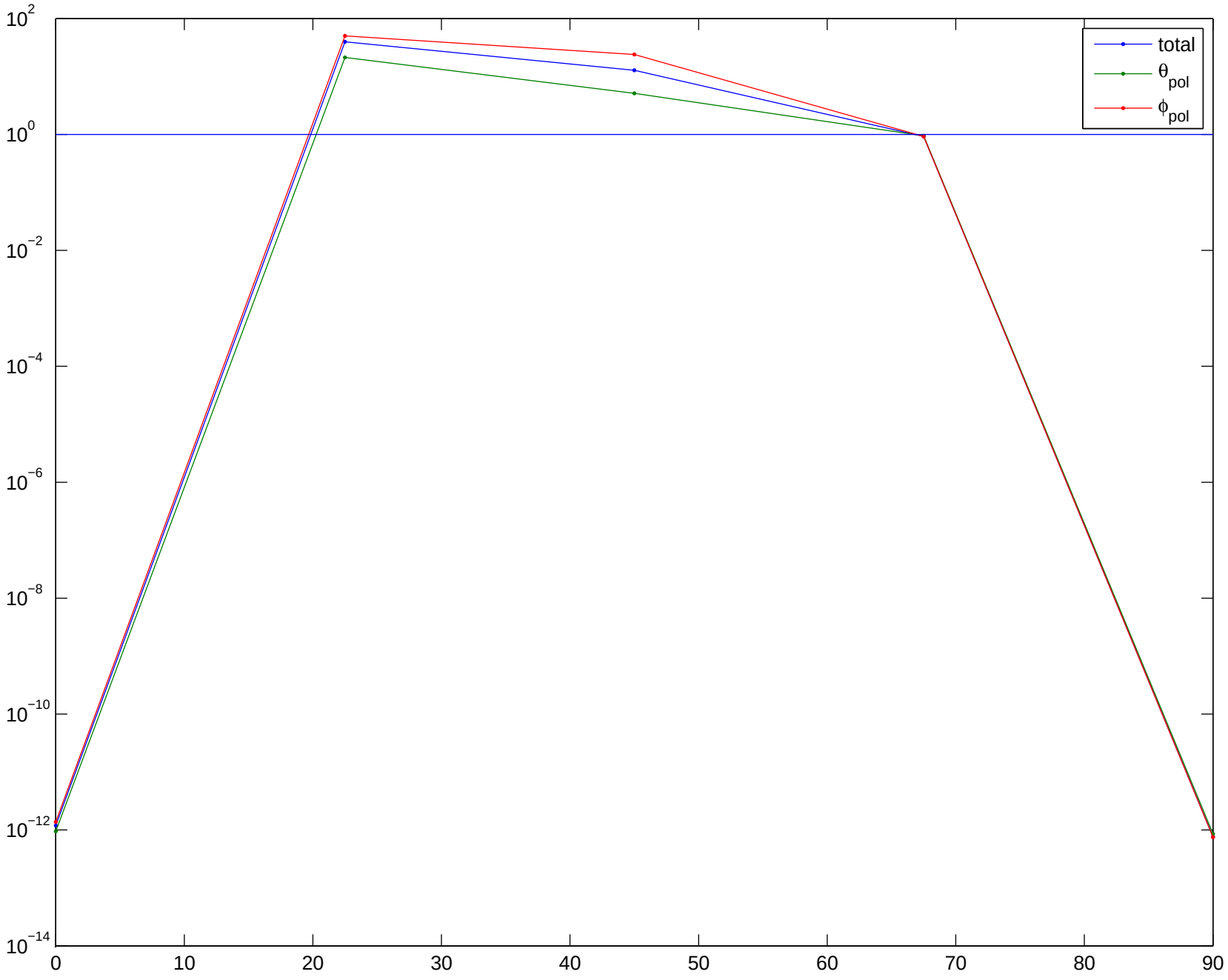

Max. gain ϕ_{pol} = 20.76 [dBi]
Max. refGain ϕ_{pol} = 7.825 [dBi]
Angle : 45°
gain [dBi]
θ_{FF}
ϕ_{FF}=0°
ϕ_{FF}=90°
20
10
0
−10
−20
−30
−40
0
50
100
150
200
250
300
350

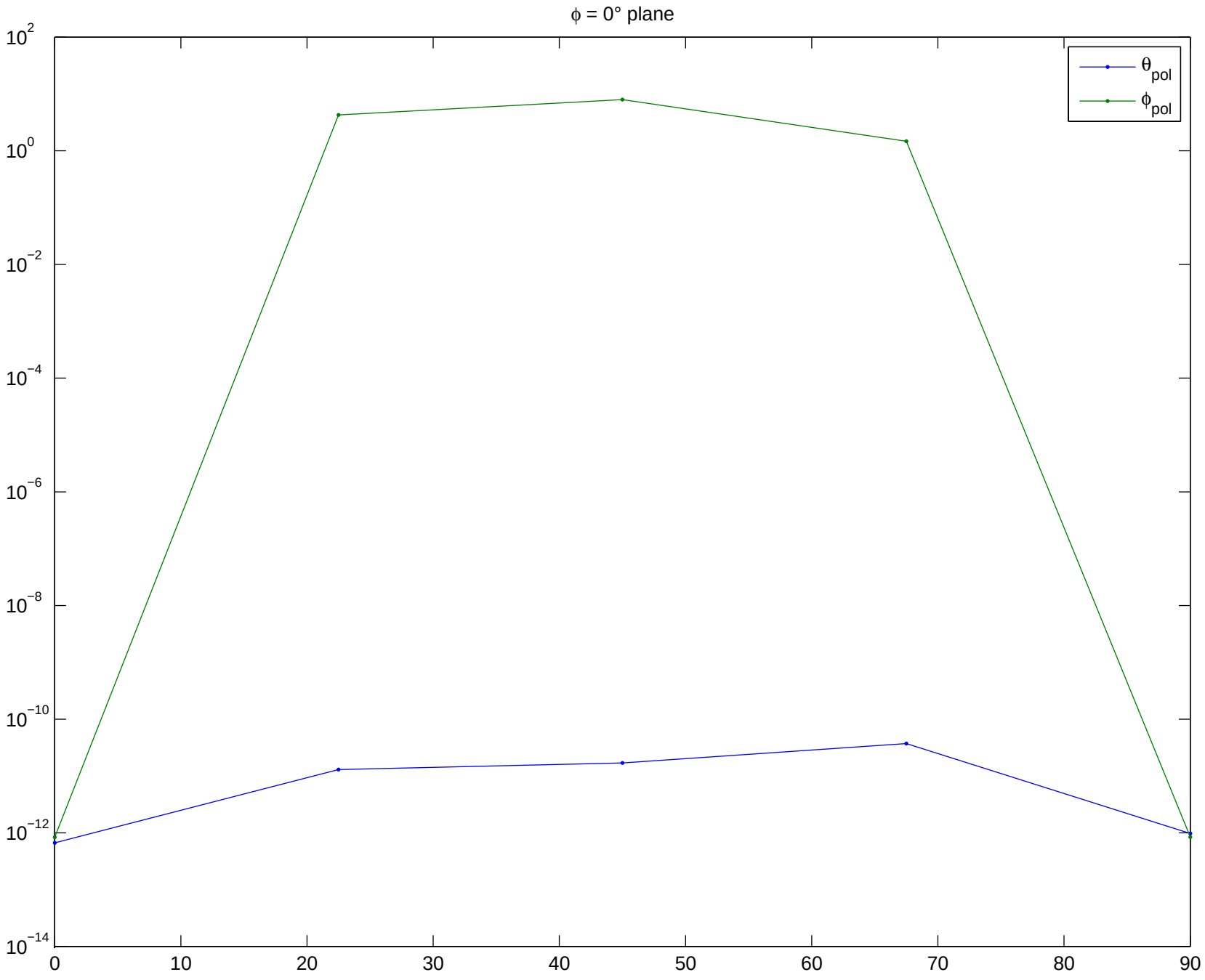

Max. gain θpol = −5.599 [dBi]
Max. refGain θpol = 6.131 [dBi]
Angle : 67.5°
gain [dBi]
θFF
5
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350
ϕFF=0°
ϕFF=90°

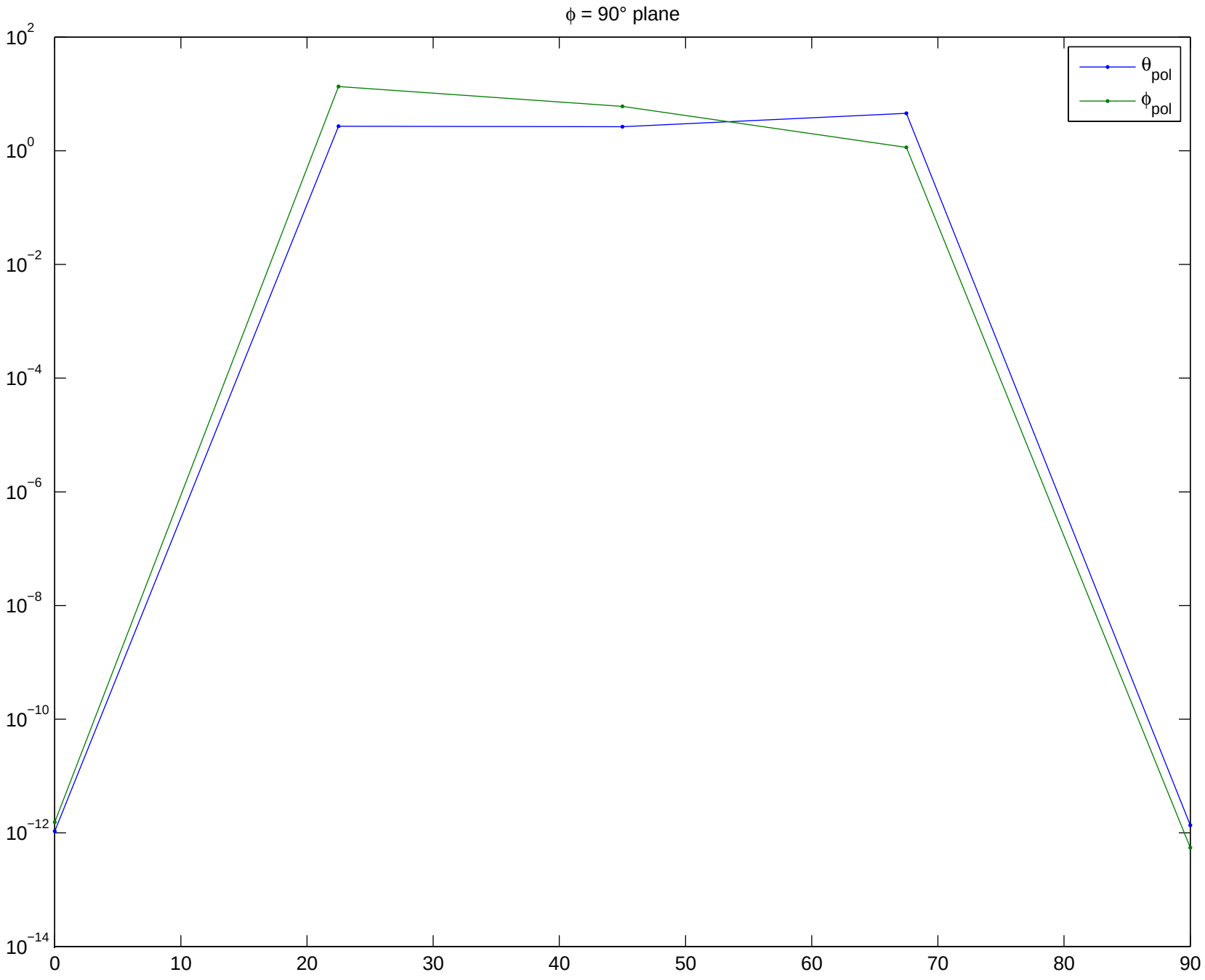

Max. gain ϕpol = −3.09 [dBi]
Max. refGain ϕpol = 7.378 [dBi]
Angle : 67.5°
gain [dBi]
θFF
ϕFF=0°
ϕFF=90°
5
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350

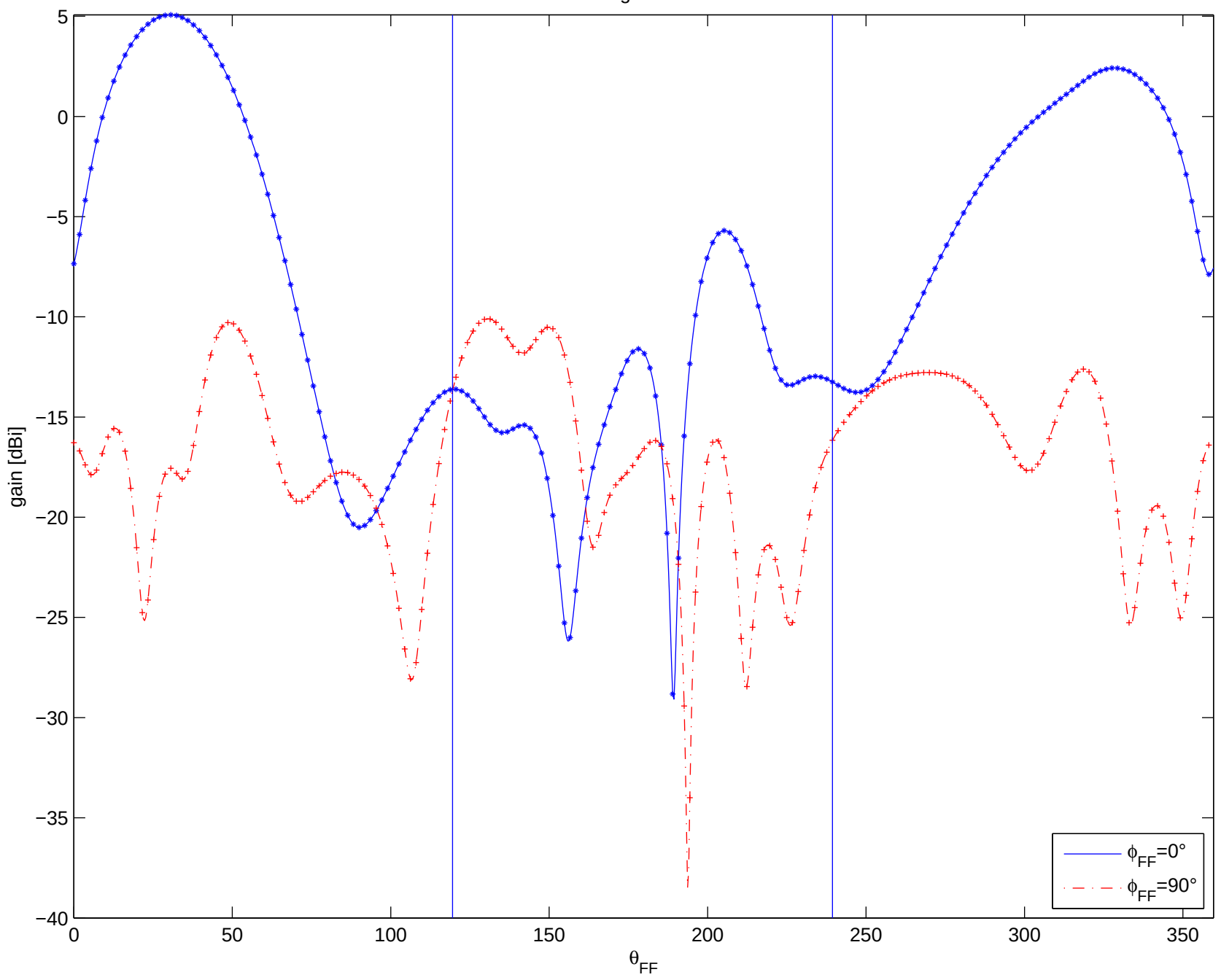

Max. gain θpol = 4.617 [dBi]
Max. refGain θpol = 4.615 [dBi]
Angle : 90°
gain [dBi]
θFF
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350
ϕFF=0°
ϕFF=90°


Max. gain ϕ_{pol} = 7.998 [dBi]
Max. refGain ϕ_{pol} = 7.998 [dBi]
Angle : 90°
gain [dBi]
θ_{FF}
ϕ_{FF}=0°
ϕ_{FF}=90°
5
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350


10^{2}
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-12}
10^{-14}
0
10
20
30
40
50
60
70
80
90
total
θ_{pol}
ϕ_{pol}


ϕ = 0° plane
θpol
ϕpol
10^2
10^0
10^-2
10^-4
10^-6
10^-8
10^-10
10^-12
10^-14
0
10
20
30
40
50
60
70
80
90


ϕ = 90° plane
θpol
ϕpol
10^2
10^0
10^-2
10^-4
10^-6
10^-8
10^-10
10^-12
10^-14
0
10
20
30
40
50
60
70
80
90


Max. gain θpol = 5.07 [dBi]
Max. refGain θpol = 5.07 [dBi]
Angle : 00°
gain [dBi]
θFF
5
0
−5
−10
−15
−20
−25
−30
−35
−40
0
50
100
150
200
250
300
350
ϕFF=0°
ϕFF=90°