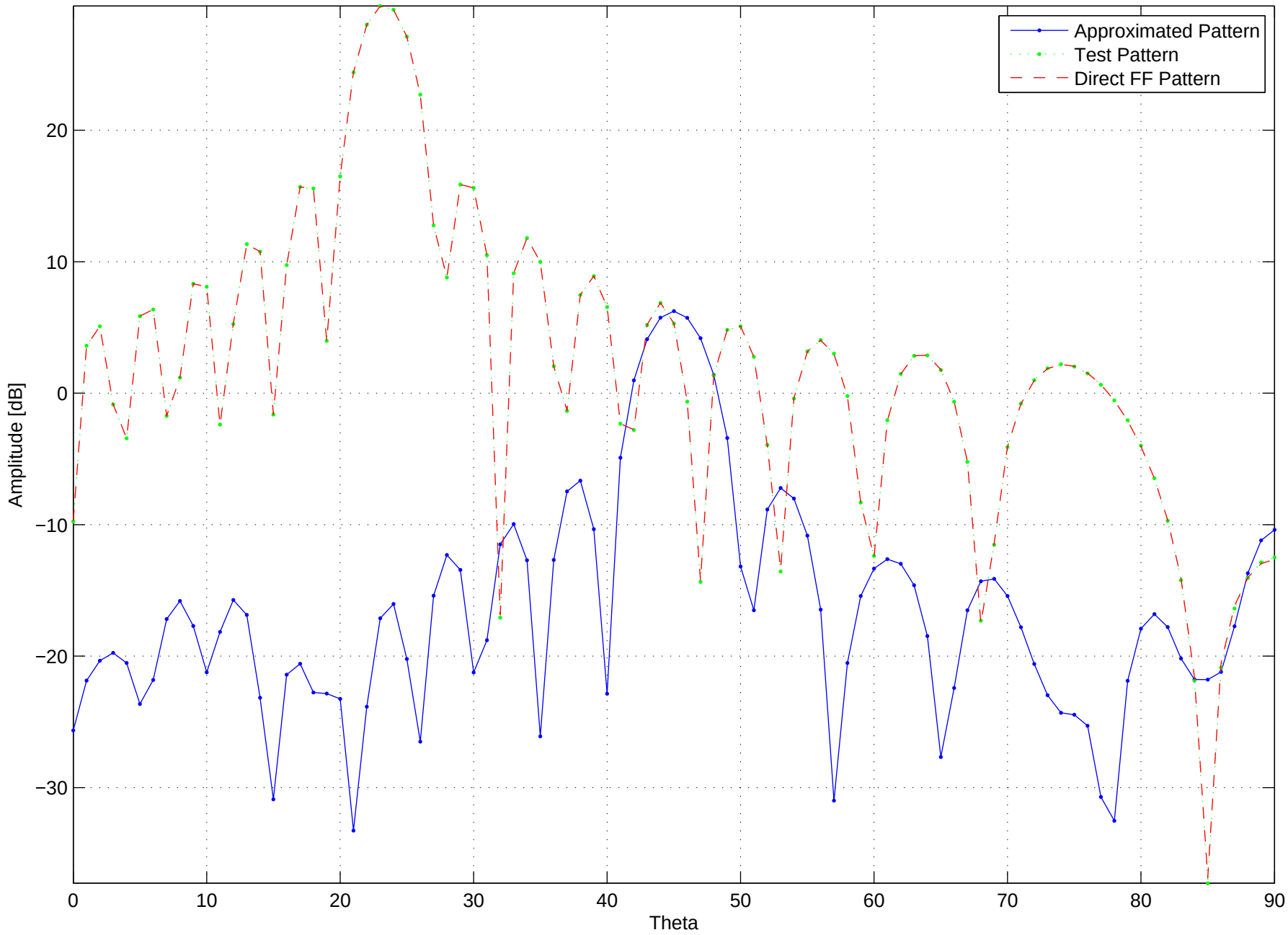
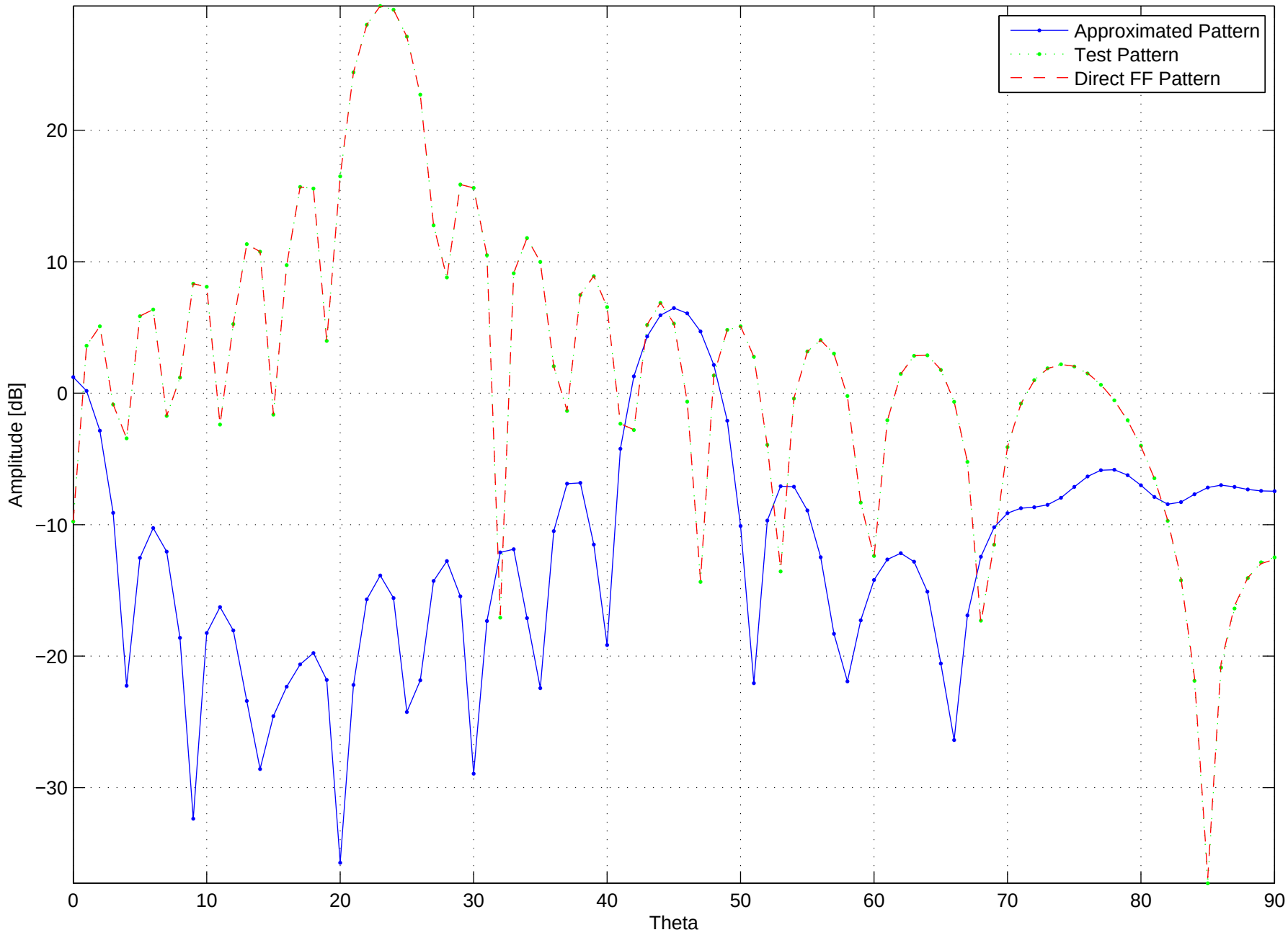
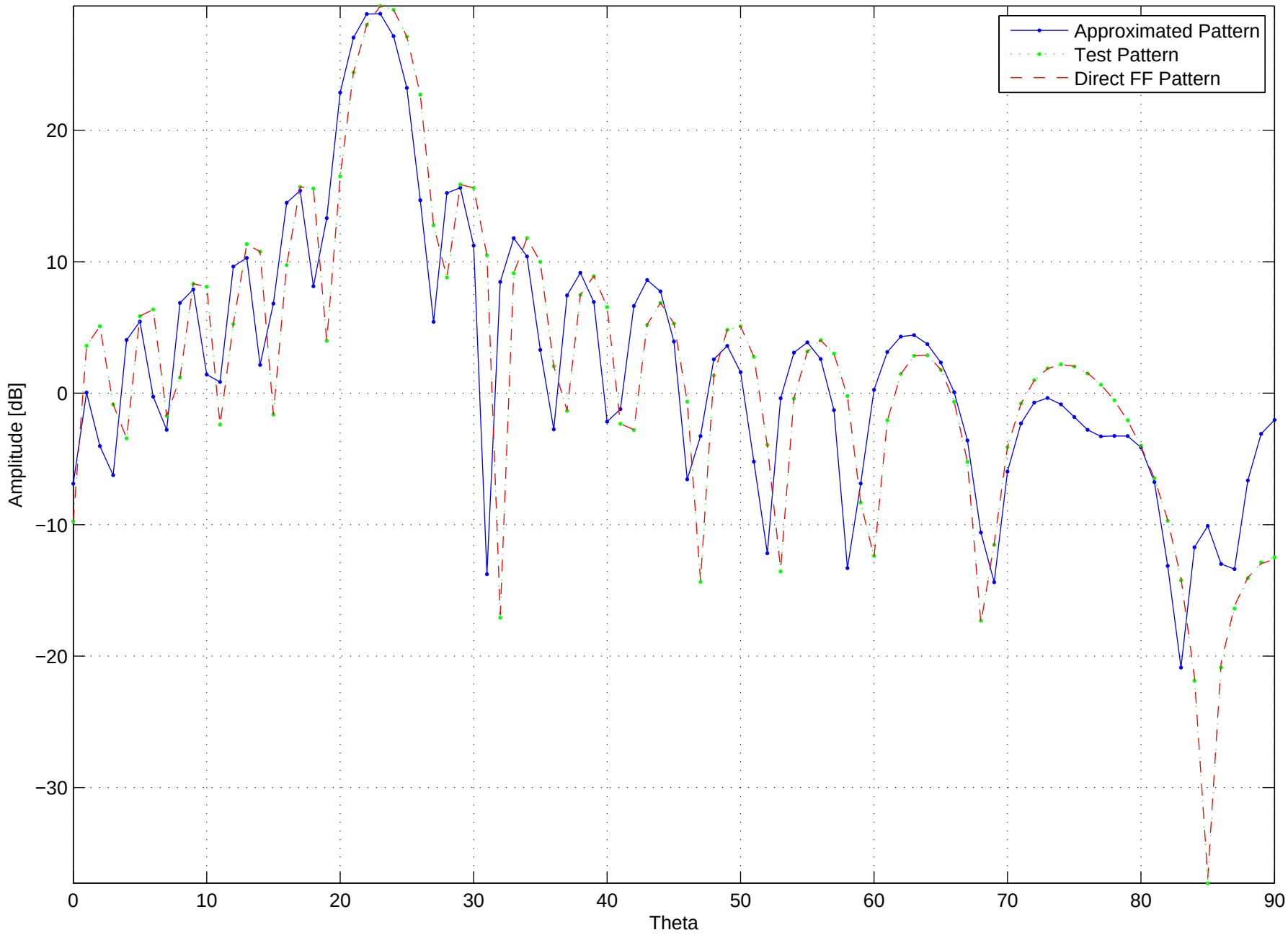
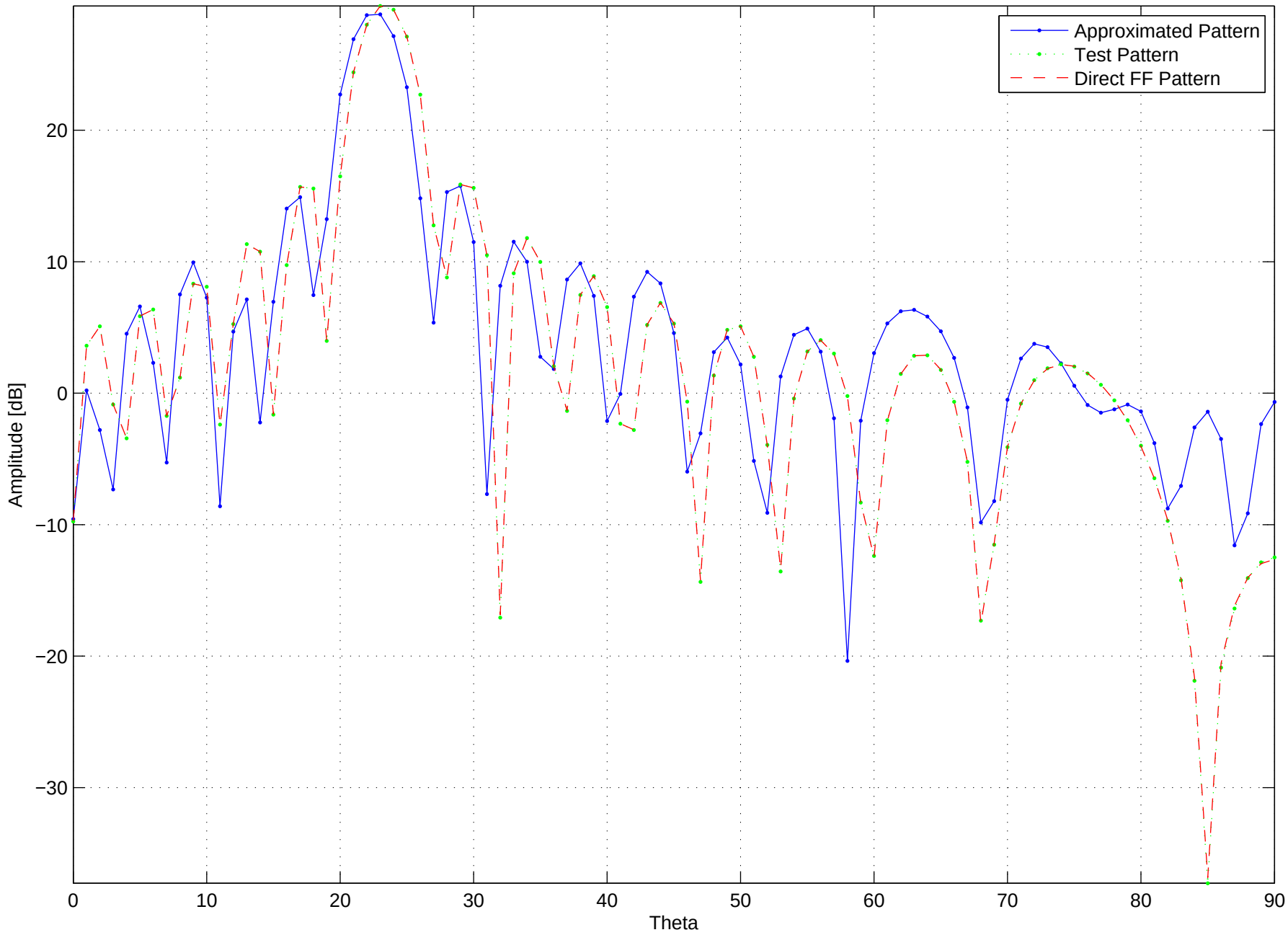
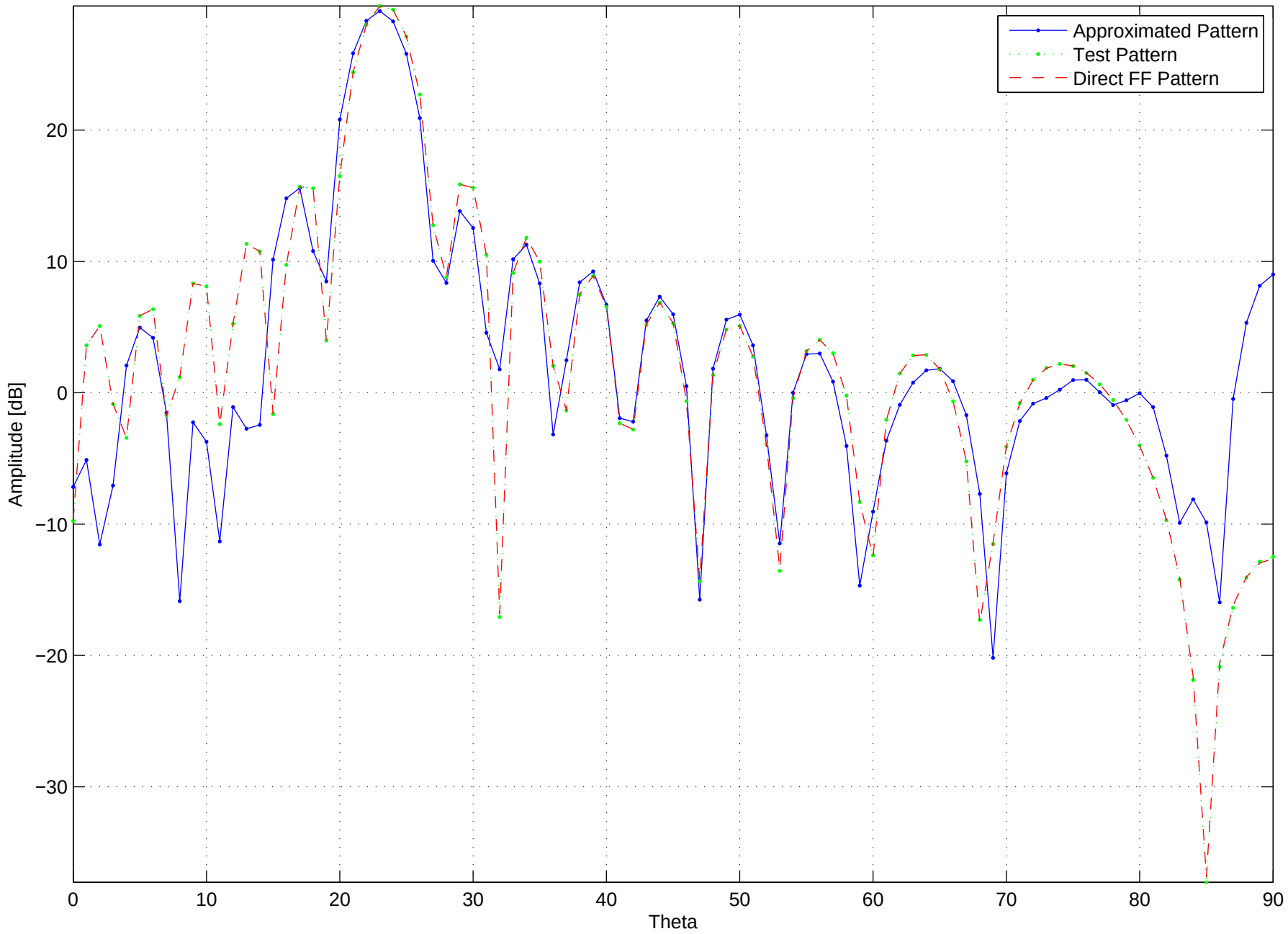
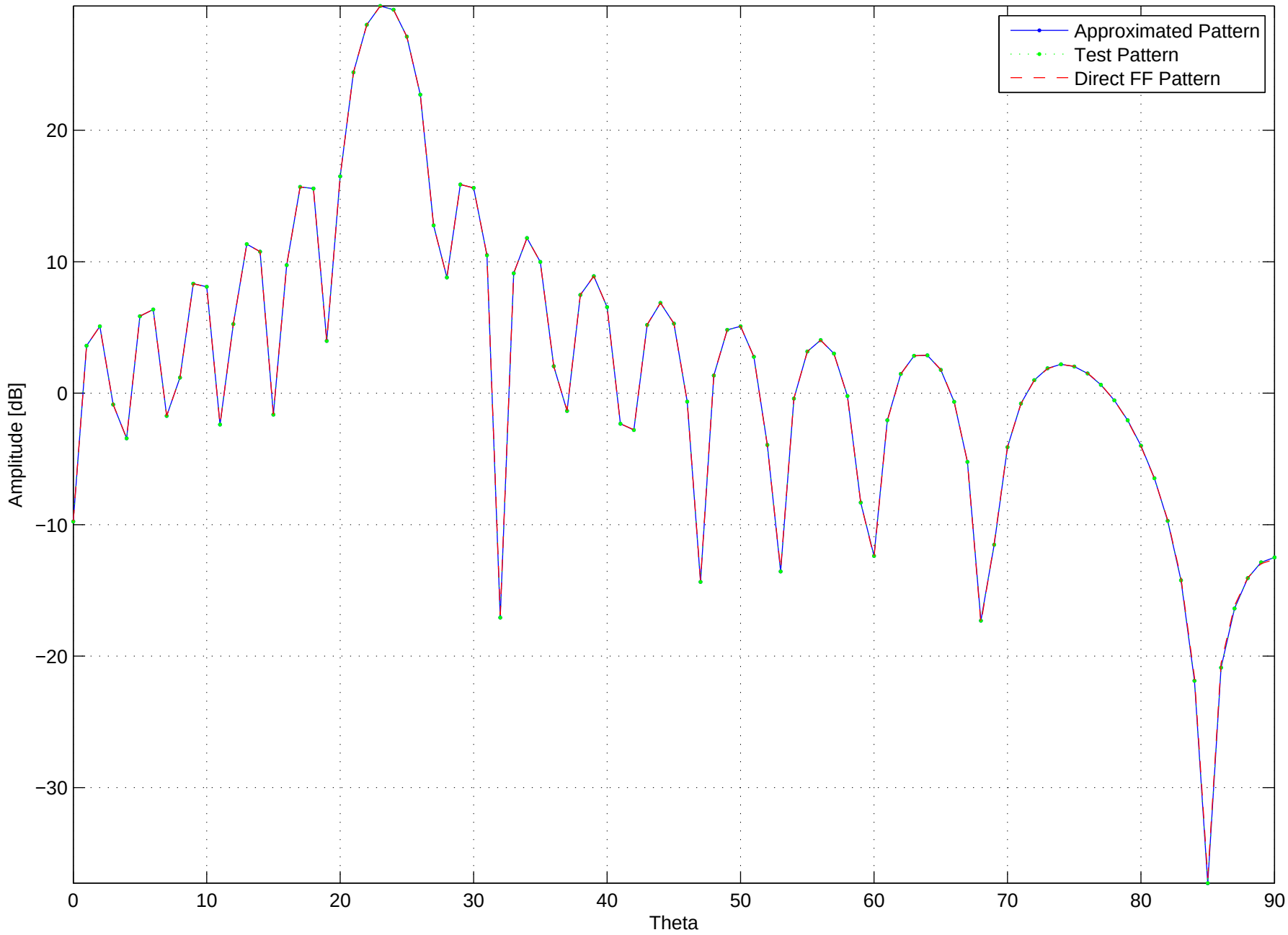

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 1
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

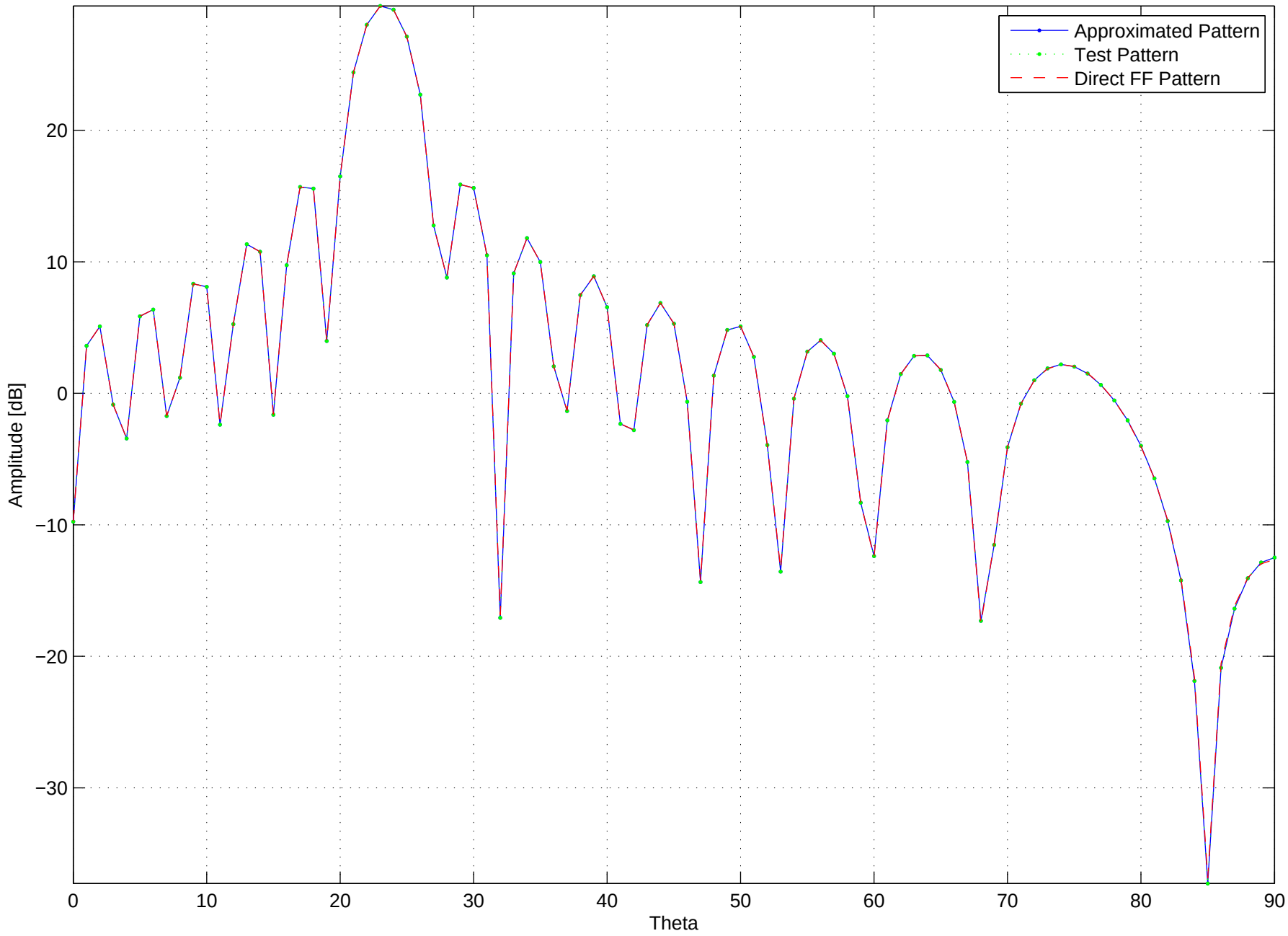

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 3
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

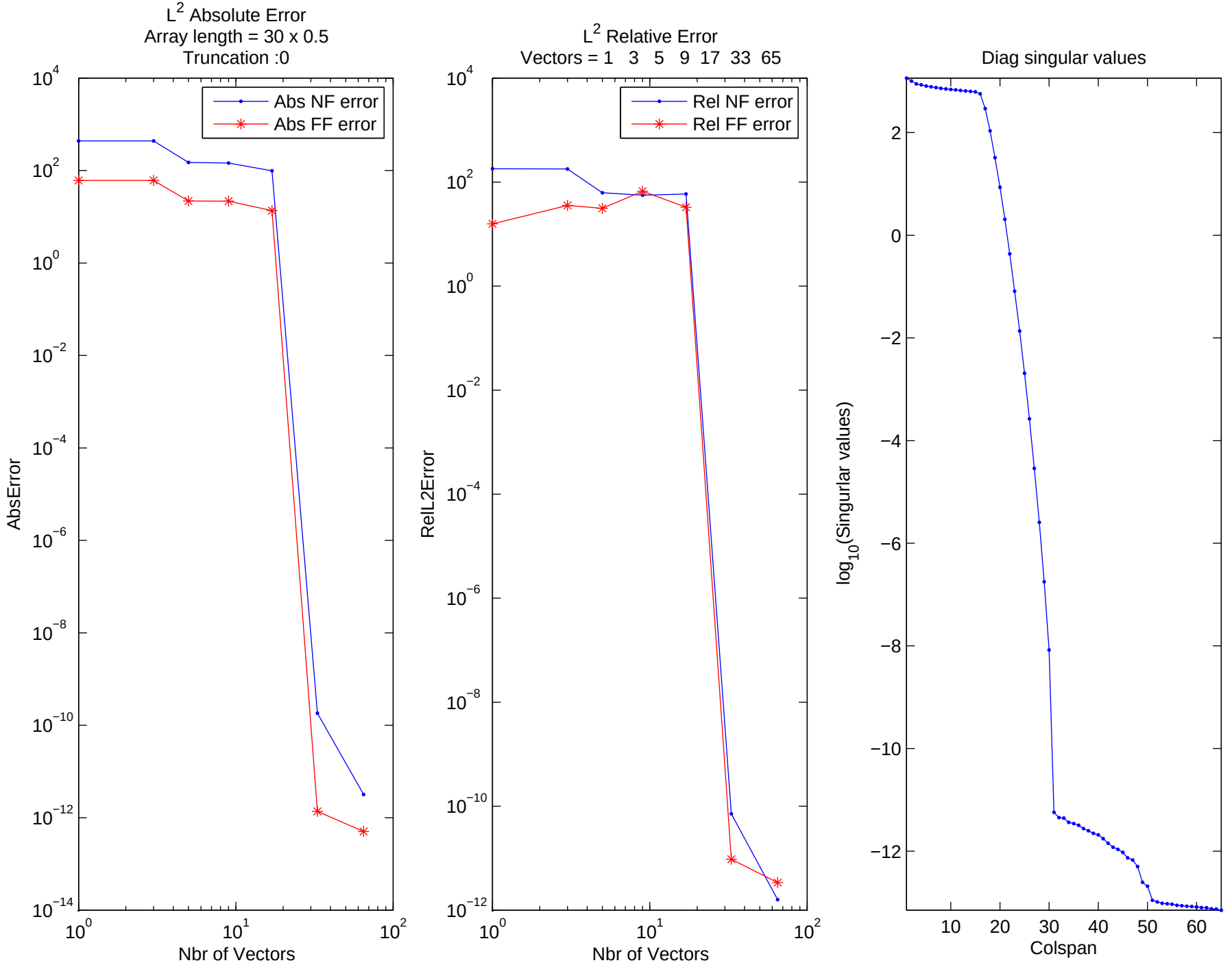

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 5
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

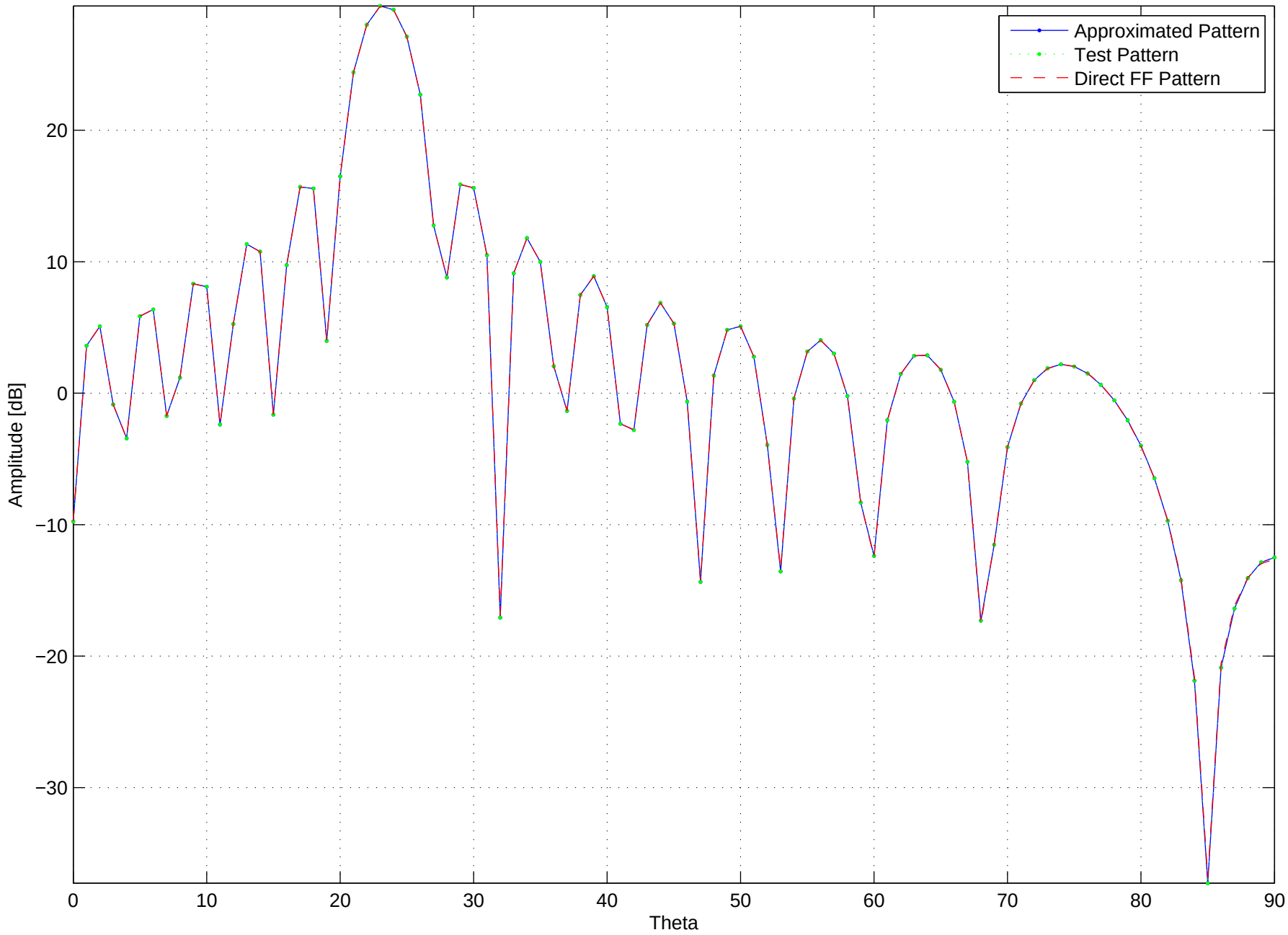

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 9
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

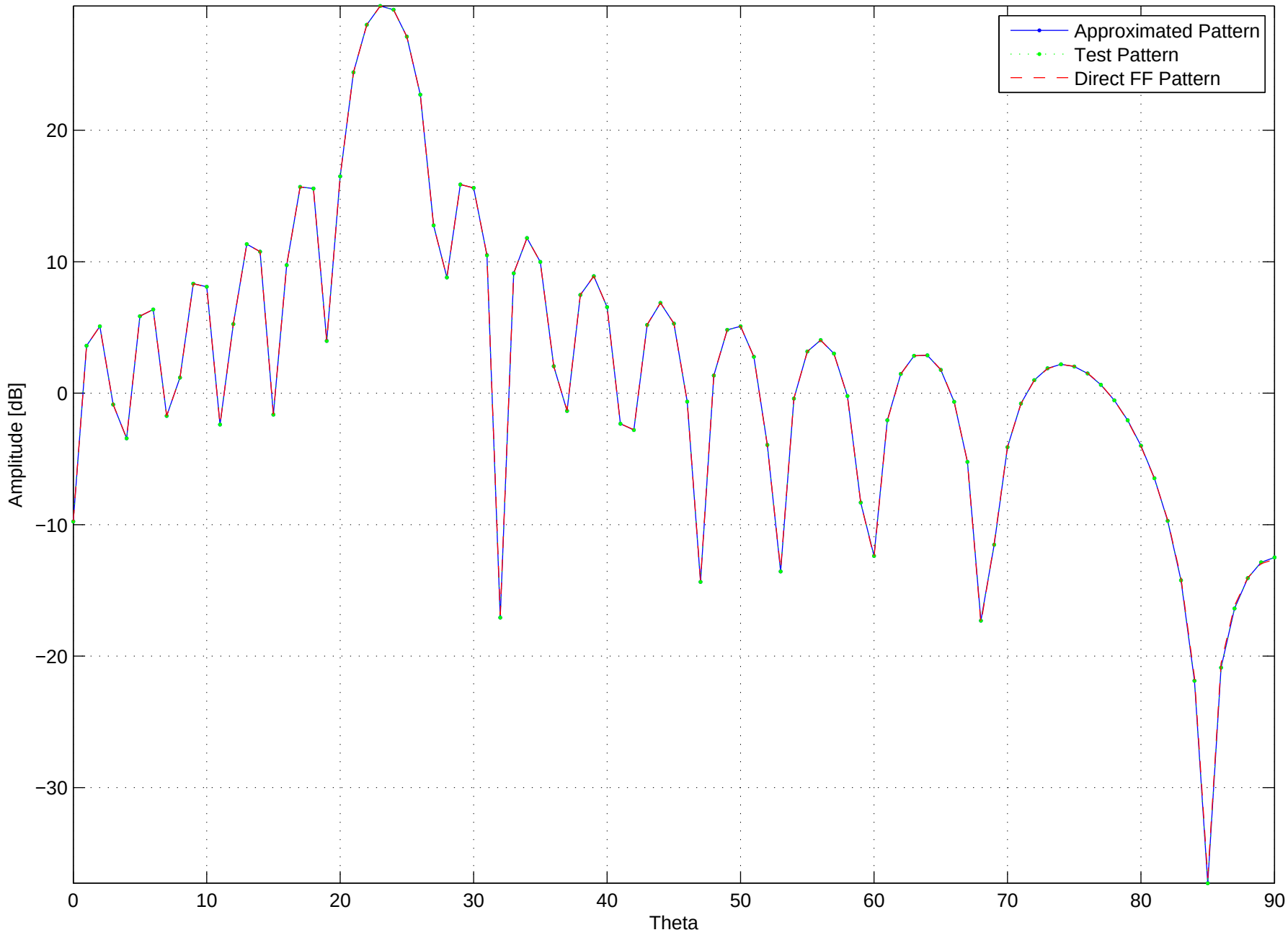

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 17
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

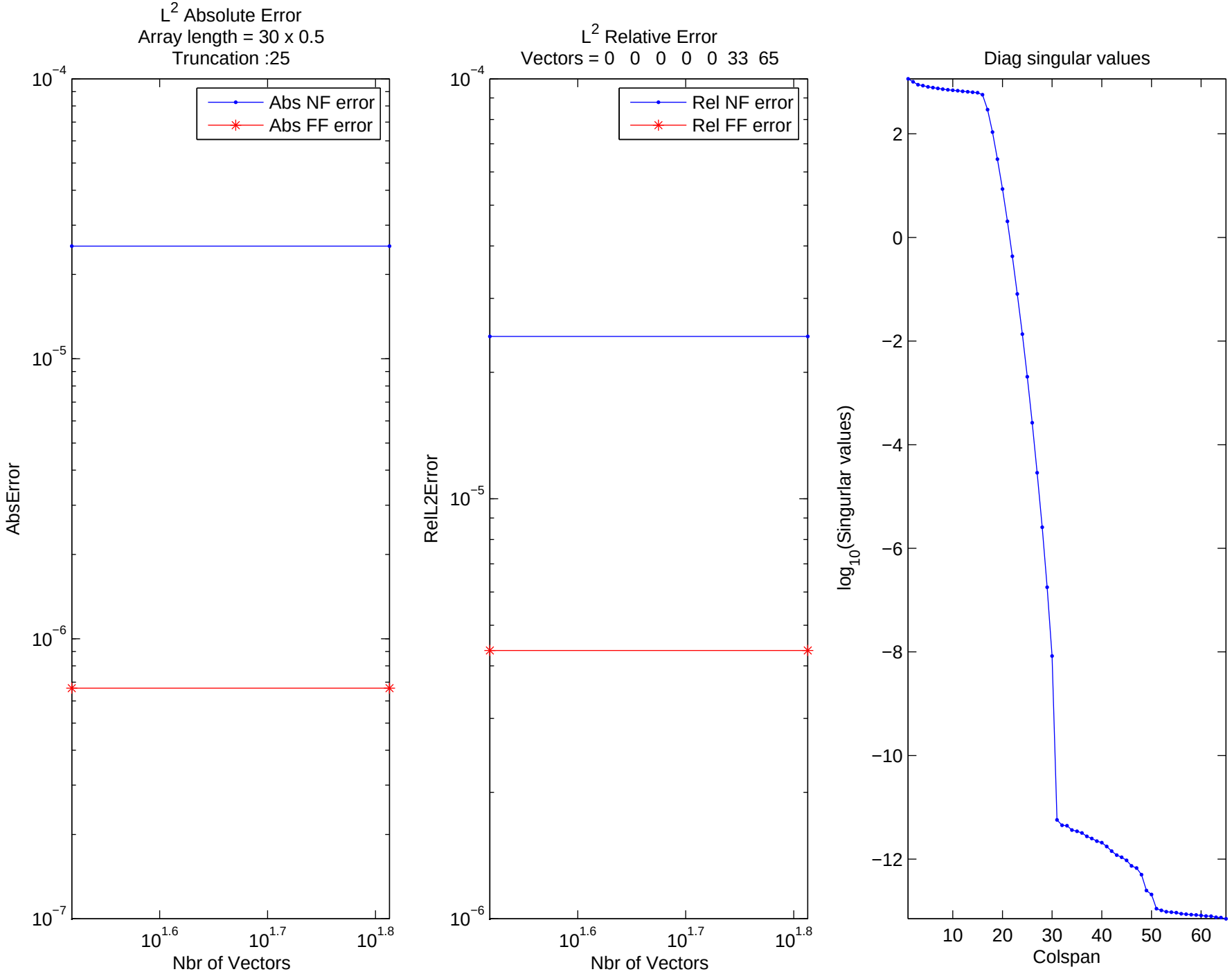

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 33
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

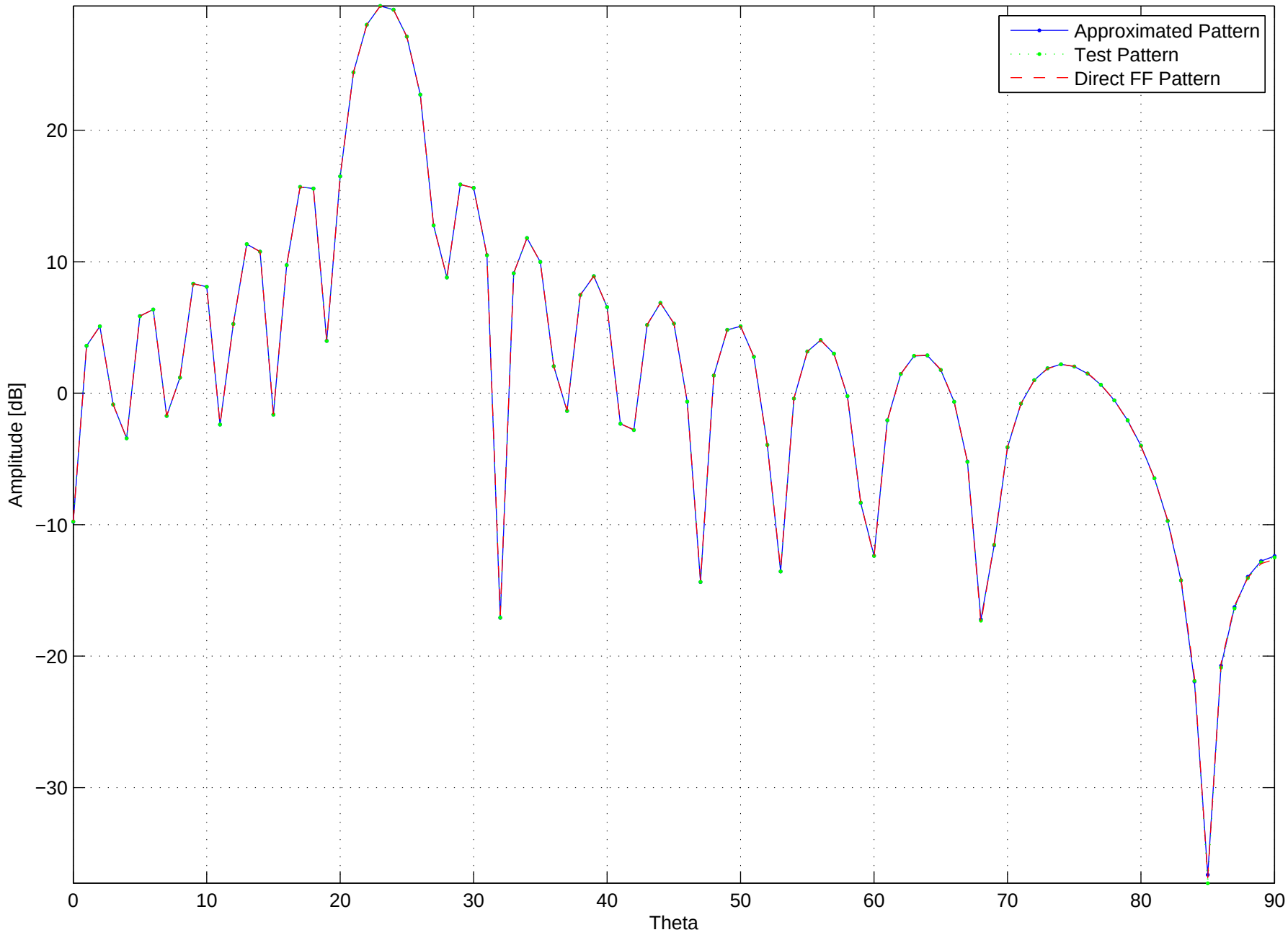

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 0, Nbr of Vectors : 65
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

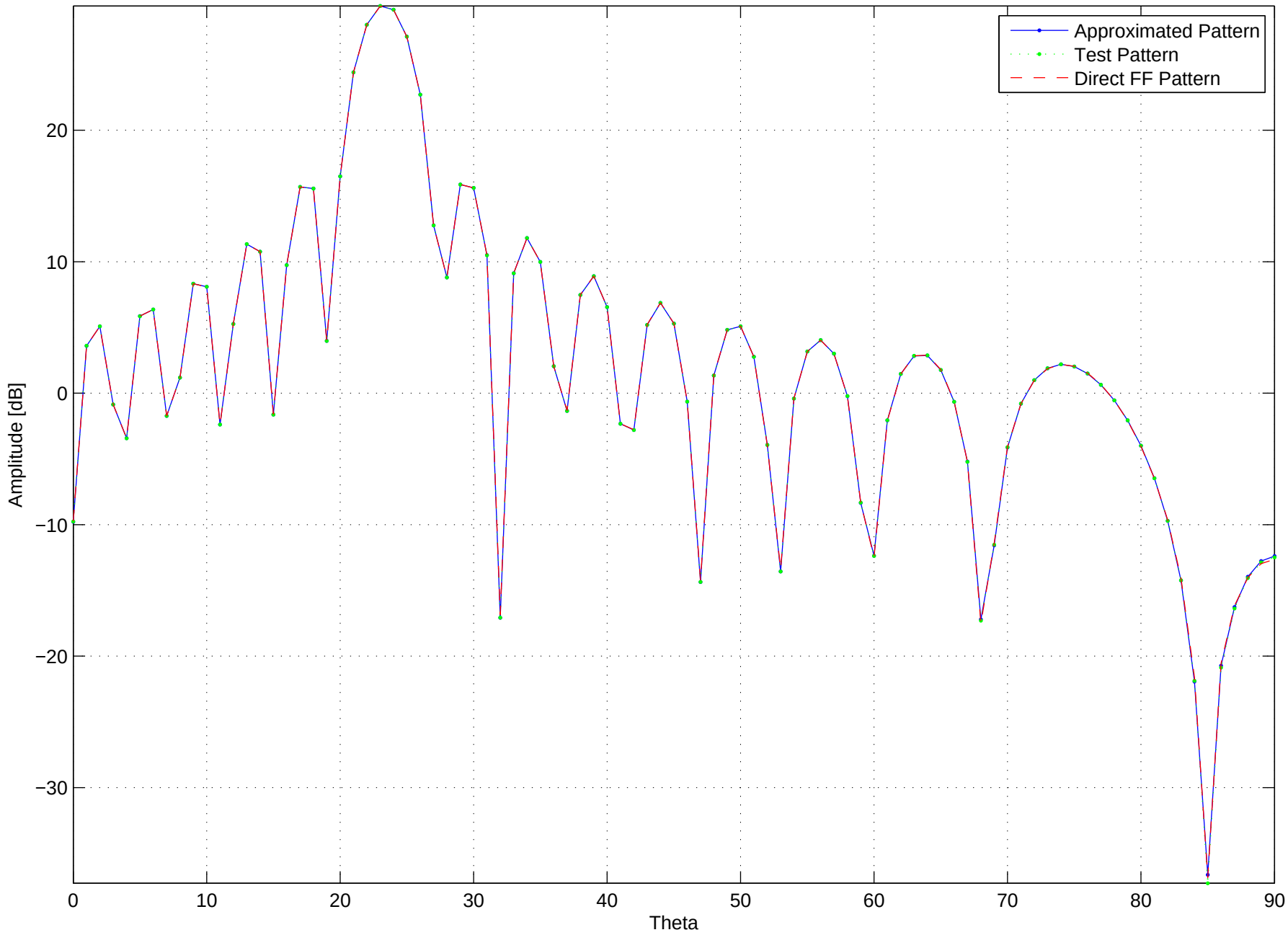

L2 Absolute Error
Array length = 30 x 0.5
Truncation :0
Abs NF error
Abs FF error
AbsError
Nbr of Vectors
L2 Relative Error
Vectors = 1 3 5 9 17 33 65
Rel NF error
Rel FF error
RelL2Error
Nbr of Vectors
Diag singular values
log10(Singular values)
Colspan

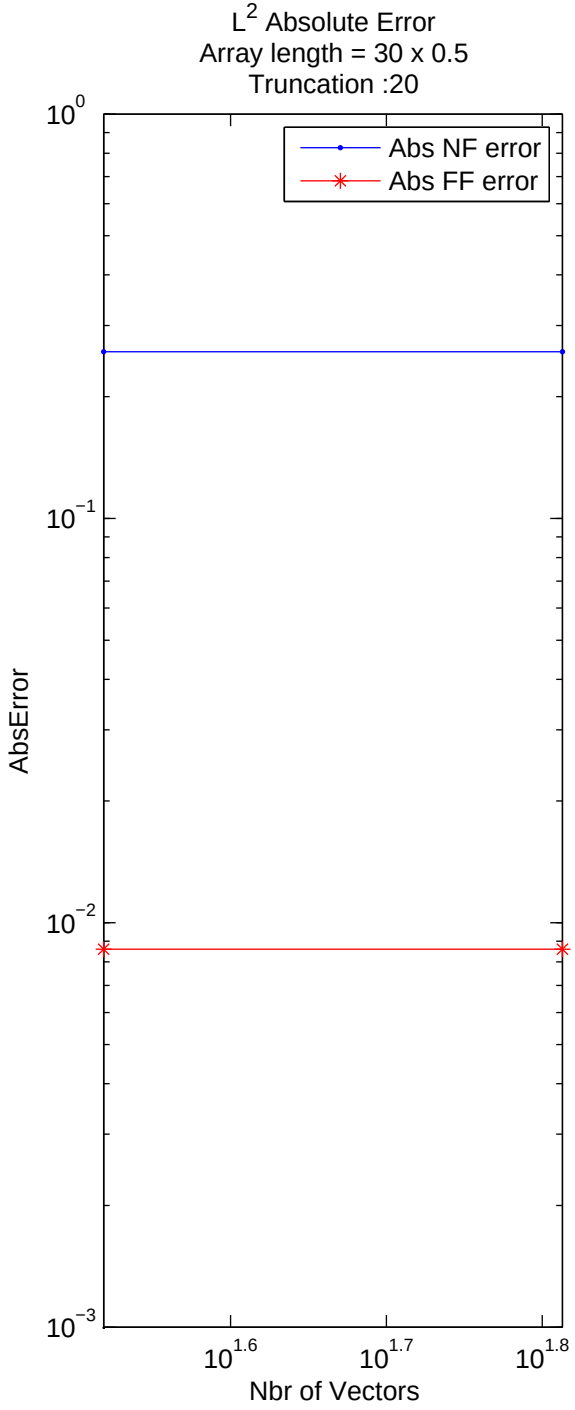

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 25, Nbr of Vectors : 33
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

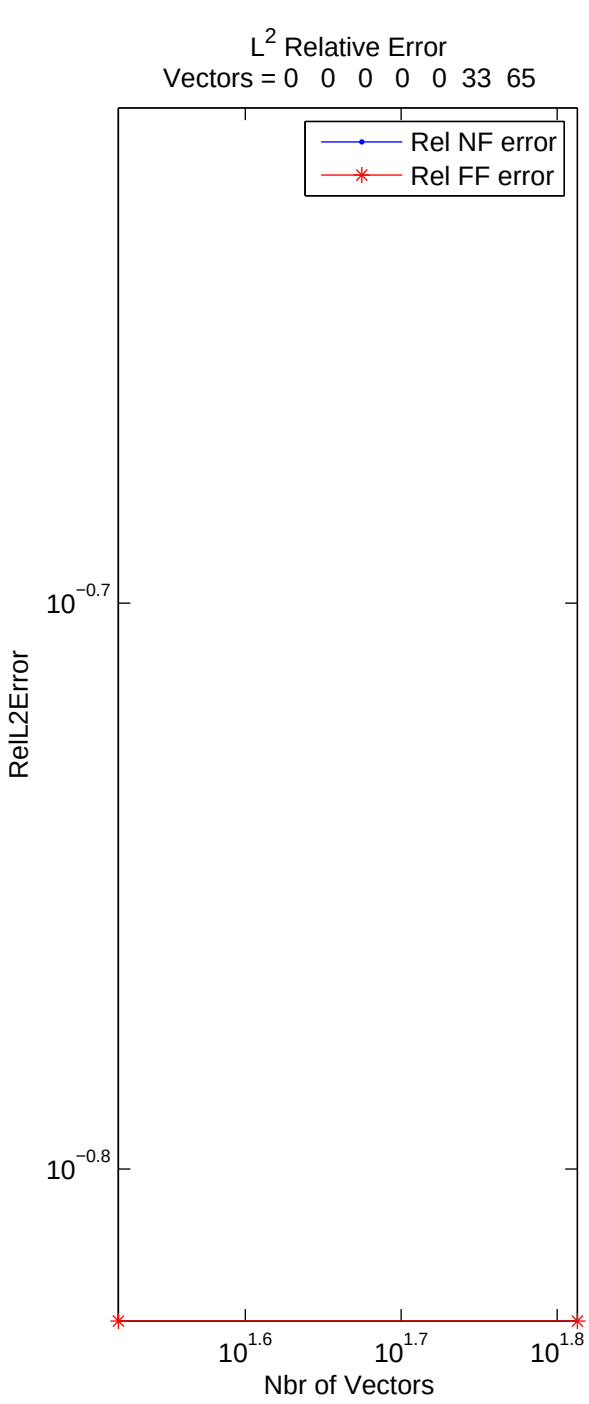

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 25, Nbr of Vectors : 65
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

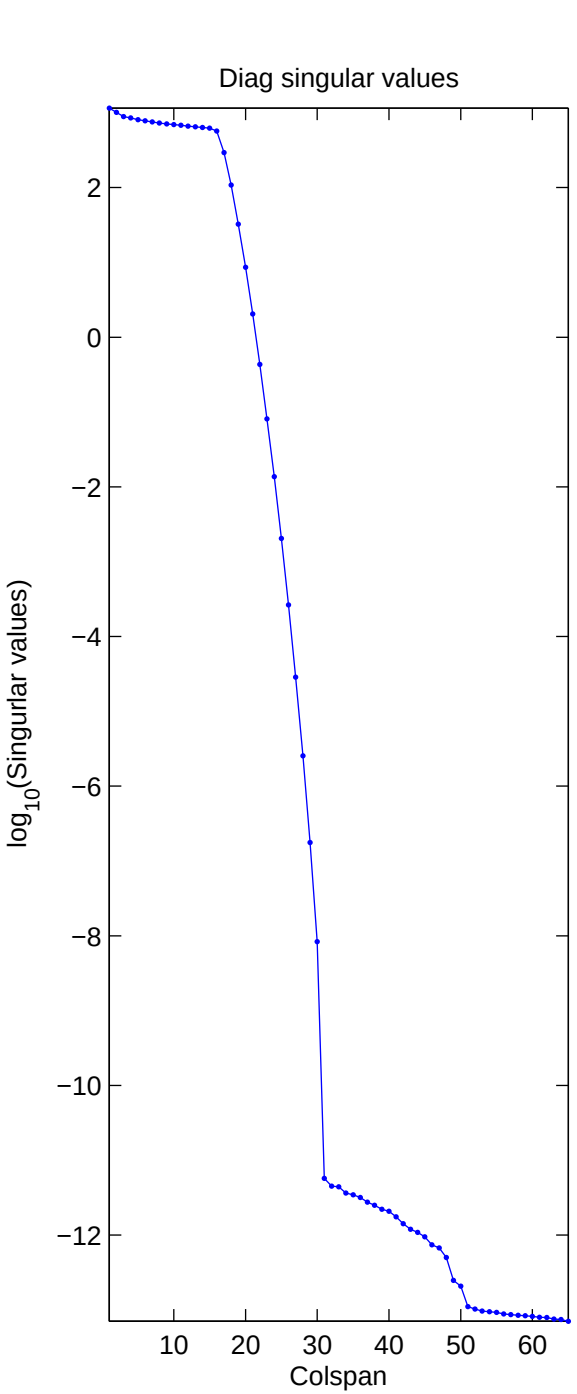

L2 Absolute Error
Array length = 30 x 0.5
Truncation :25
Abs NF error
Abs FF error
AbsError
Nbr of Vectors
L2 Relative Error
Vectors = 0 0 0 0 0 33 65
Rel NF error
Rel FF error
RelL2Error
Nbr of Vectors
Diag singular values
log10(Singurlar values)
Colspan

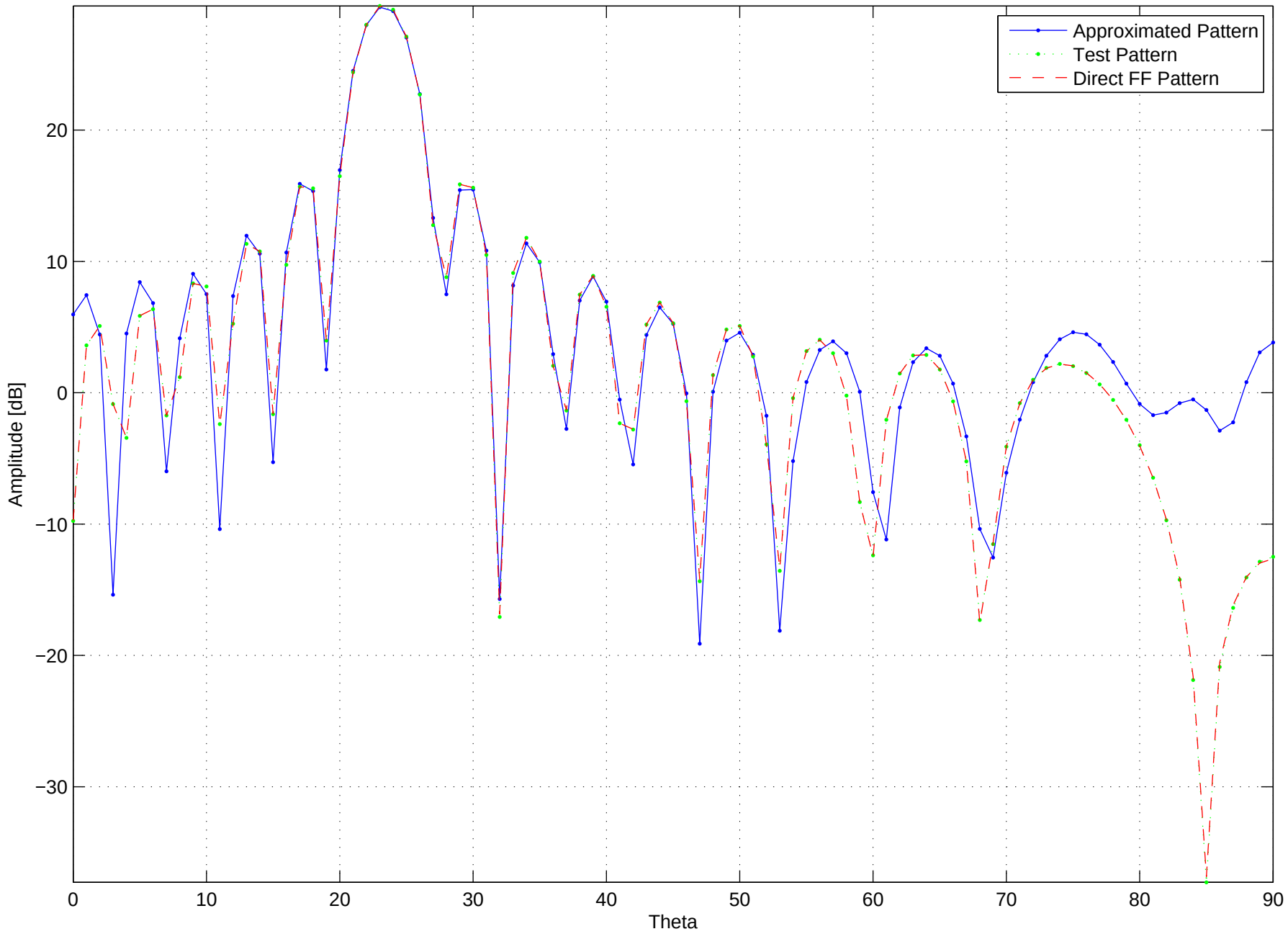

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 20, Nbr of Vectors : 33
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

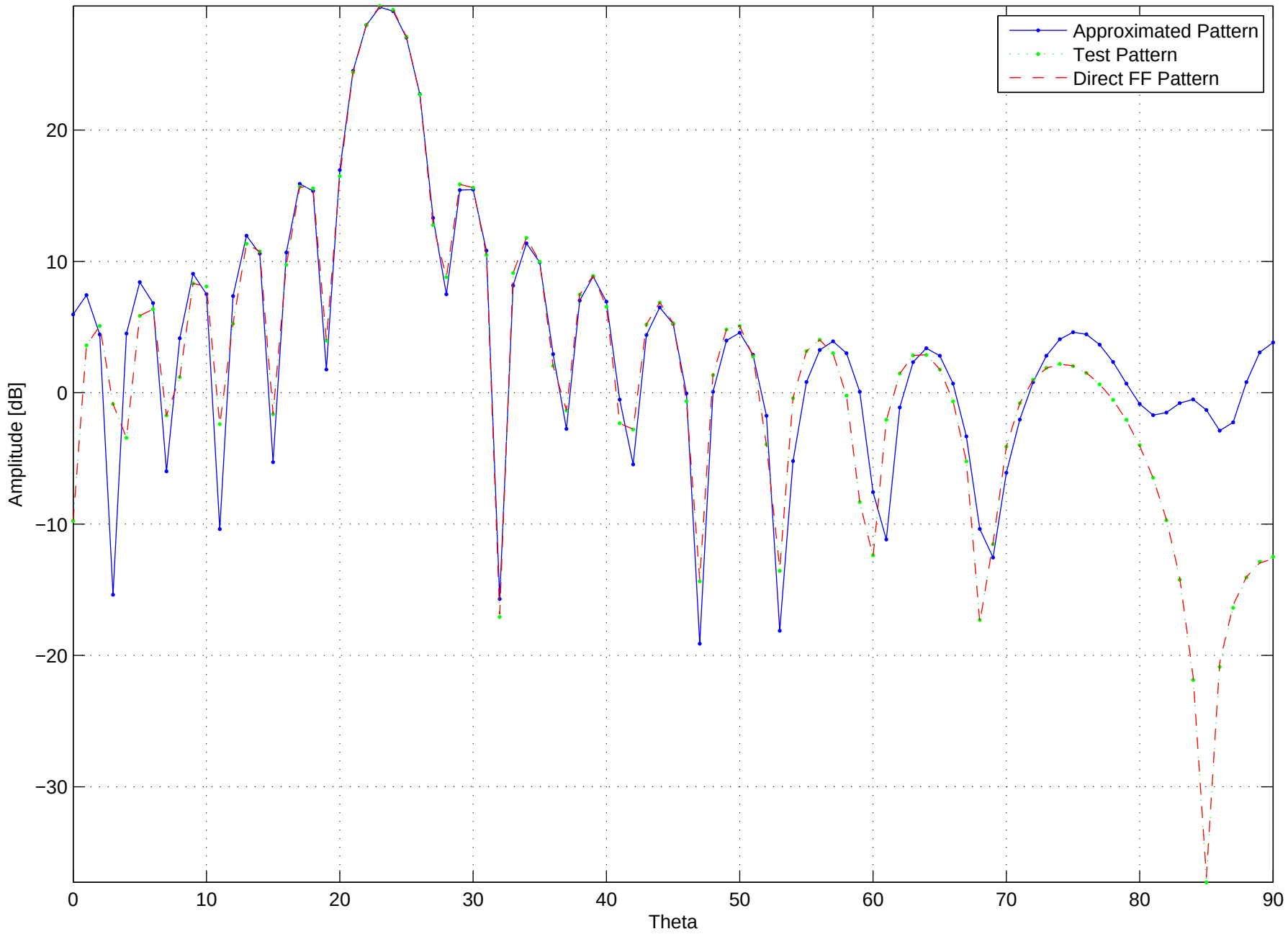

Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 20, Nbr of Vectors : 65
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90

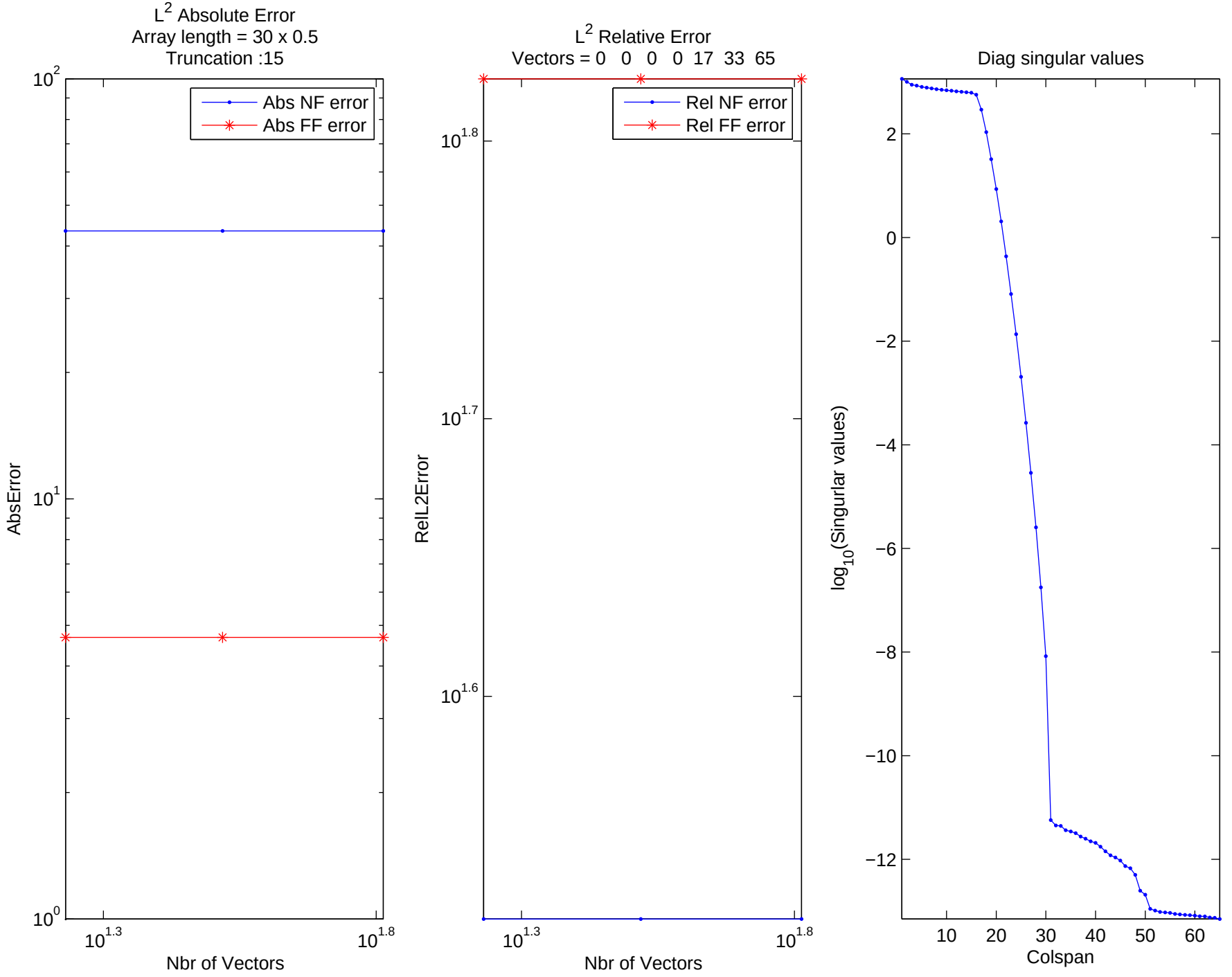

L^2 Absolute Error
Array length = 30 x 0.5
Truncation :20
Abs NF error
Abs FF error
AbsError
10^{0}
10^{-1}
10^{-2}
10^{-3}
$10^{1.6}$
$10^{1.7}$
$10^{1.8}$
Nbr of Vectors


L^2 Relative Error
Vectors = 0 0 0 0 0 33 65
Rel NF error
Rel FF error
RelL2Error
$10^{-0.7}$
$10^{-0.8}$
$10^{1.6}$
$10^{1.7}$
$10^{1.8}$
Nbr of Vectors


Diag singular values
$\log_{10}$(Singular values)
2
0
−2
−4
−6
−8
−10
−12
10
20
30
40
50
60
Colspan


Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 15, Nbr of Vectors : 33
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90


Patterns − Phi = 0°. Steering angle : 23.3251°
Truncation : 15, Nbr of Vectors : 65
Nbr of point sources : 30 x 0.5
Approximated Pattern
Test Pattern
Direct FF Pattern
Amplitude [dB]
Theta
20
10
0
−10
−20
−30
0
10
20
30
40
50
60
70
80
90


L2 Absolute Error
Array length = 30 x 0.5
Truncation :15
Abs NF error
Abs FF error
AbsError
Nbr of Vectors
L2 Relative Error
Vectors = 0 0 0 0 17 33 65
Rel NF error
Rel FF error
RelL2Error
Nbr of Vectors
Diag singular values
log10(Singurlar values)
Colspan