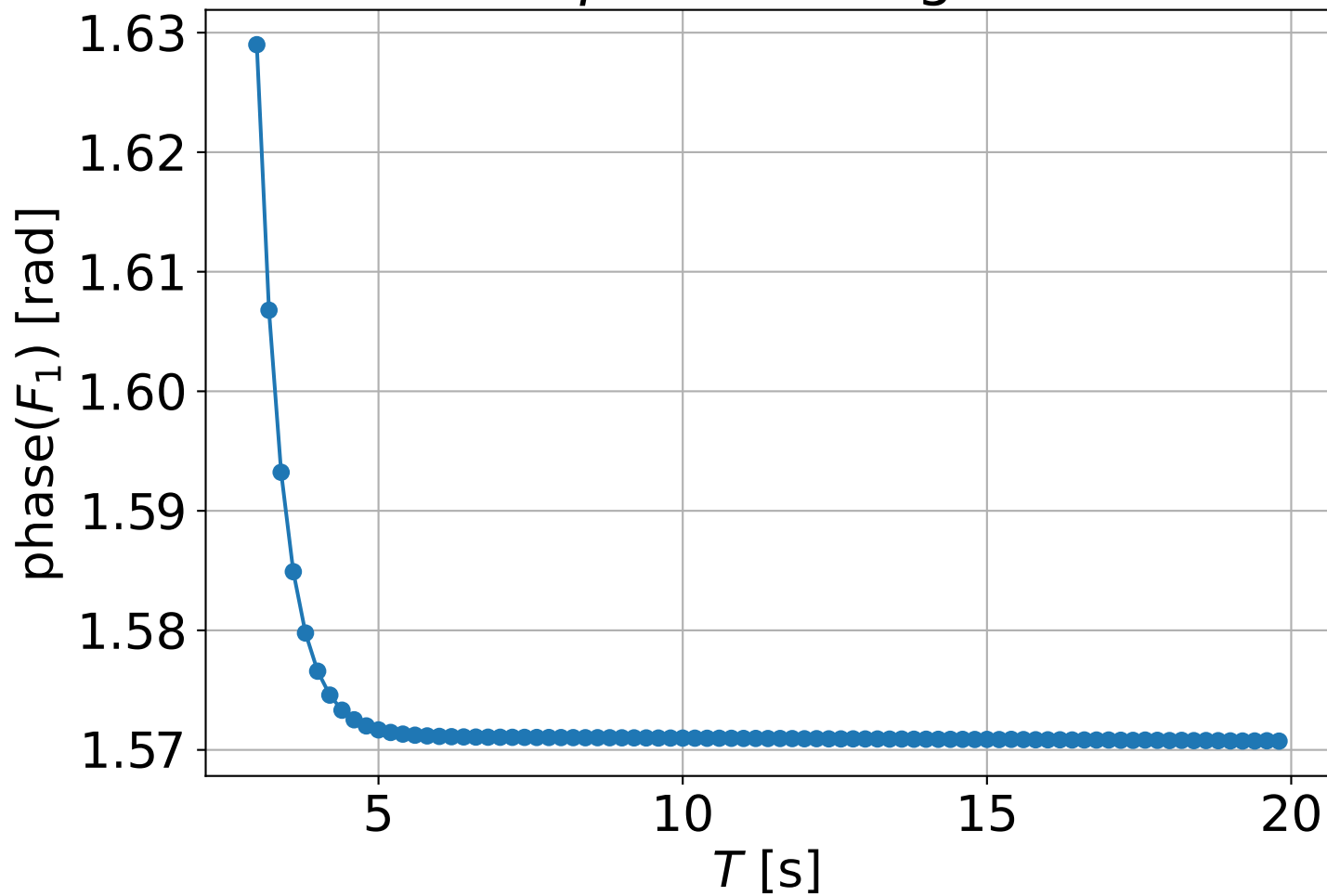
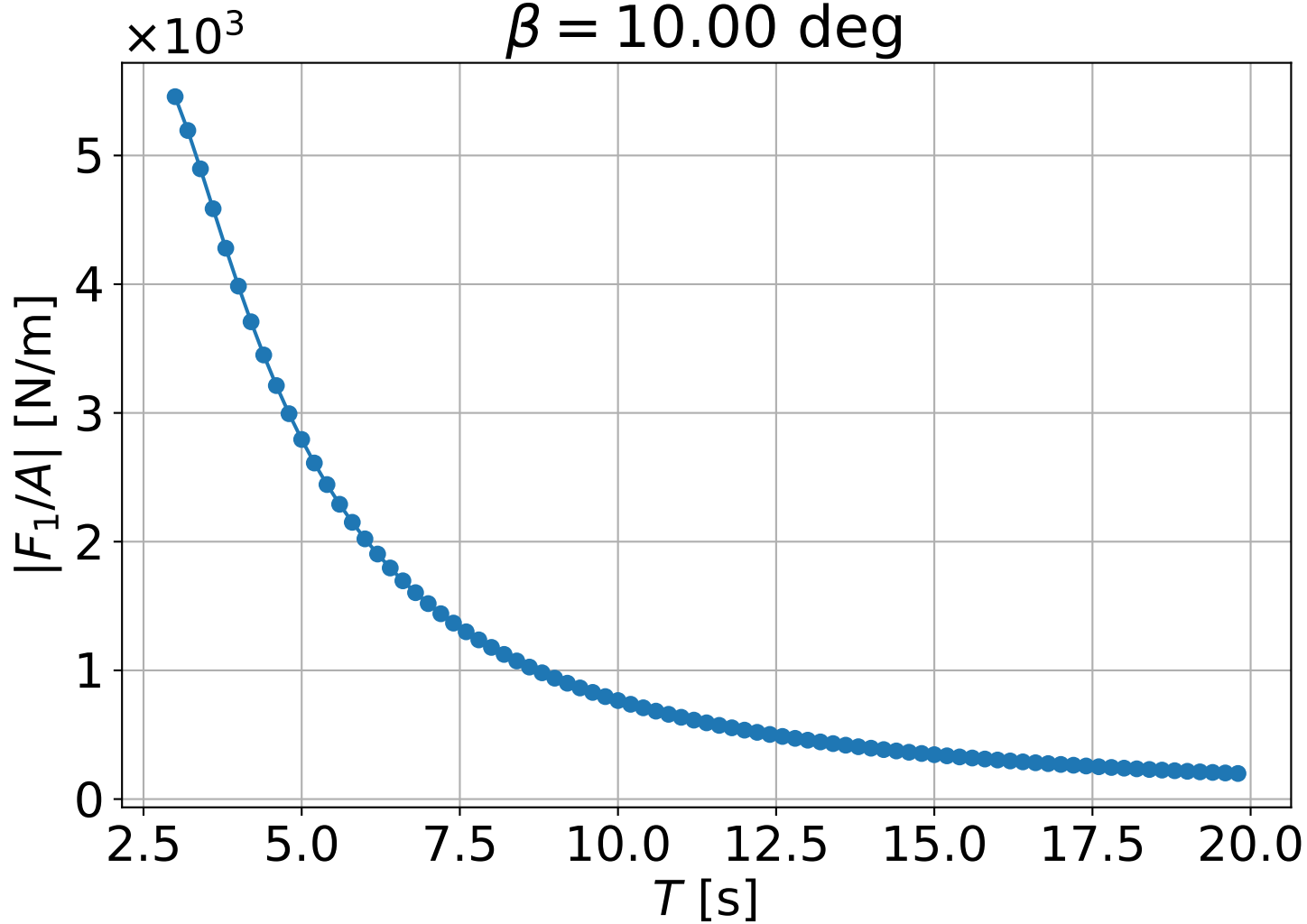


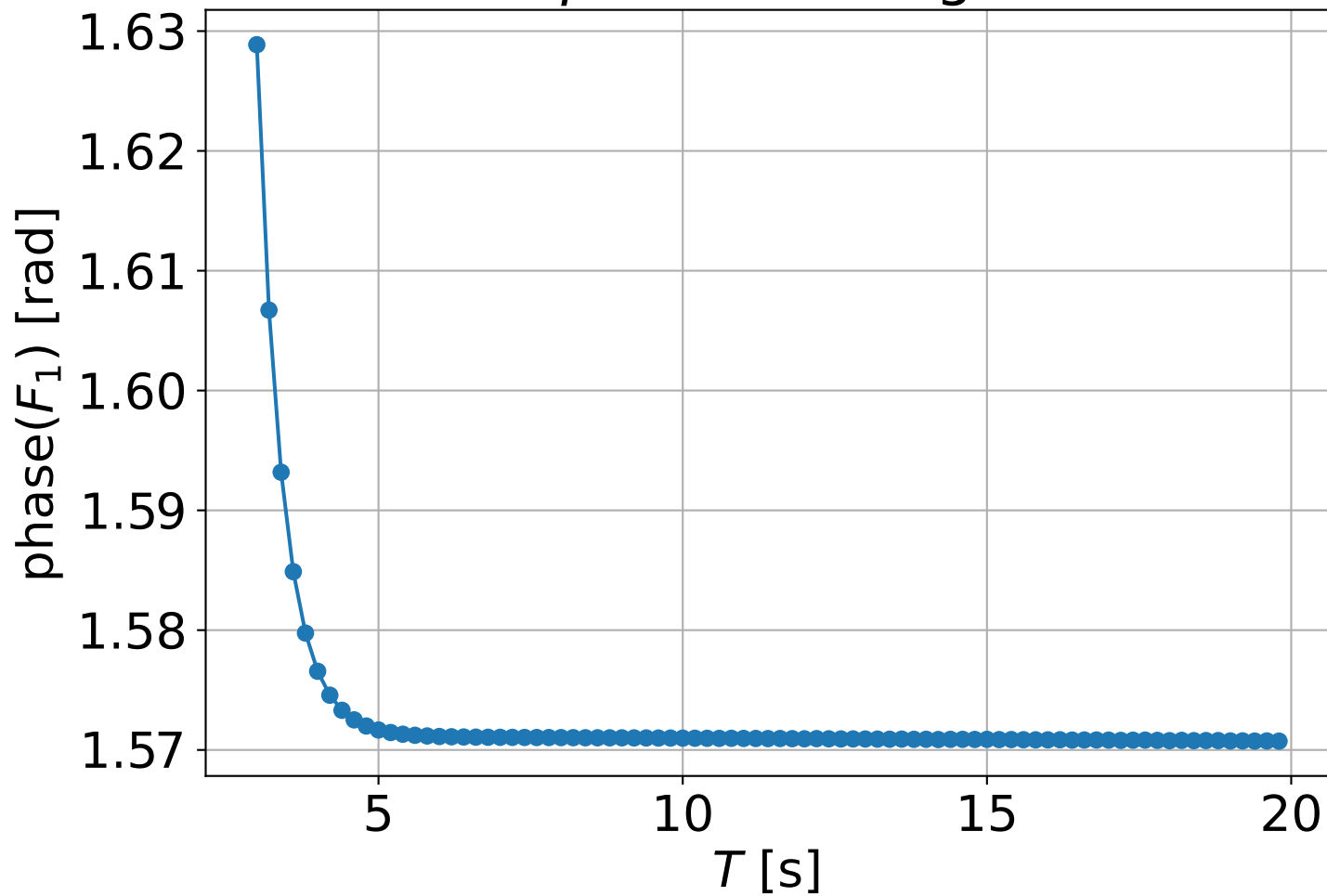
$\beta = 0.00$ deg



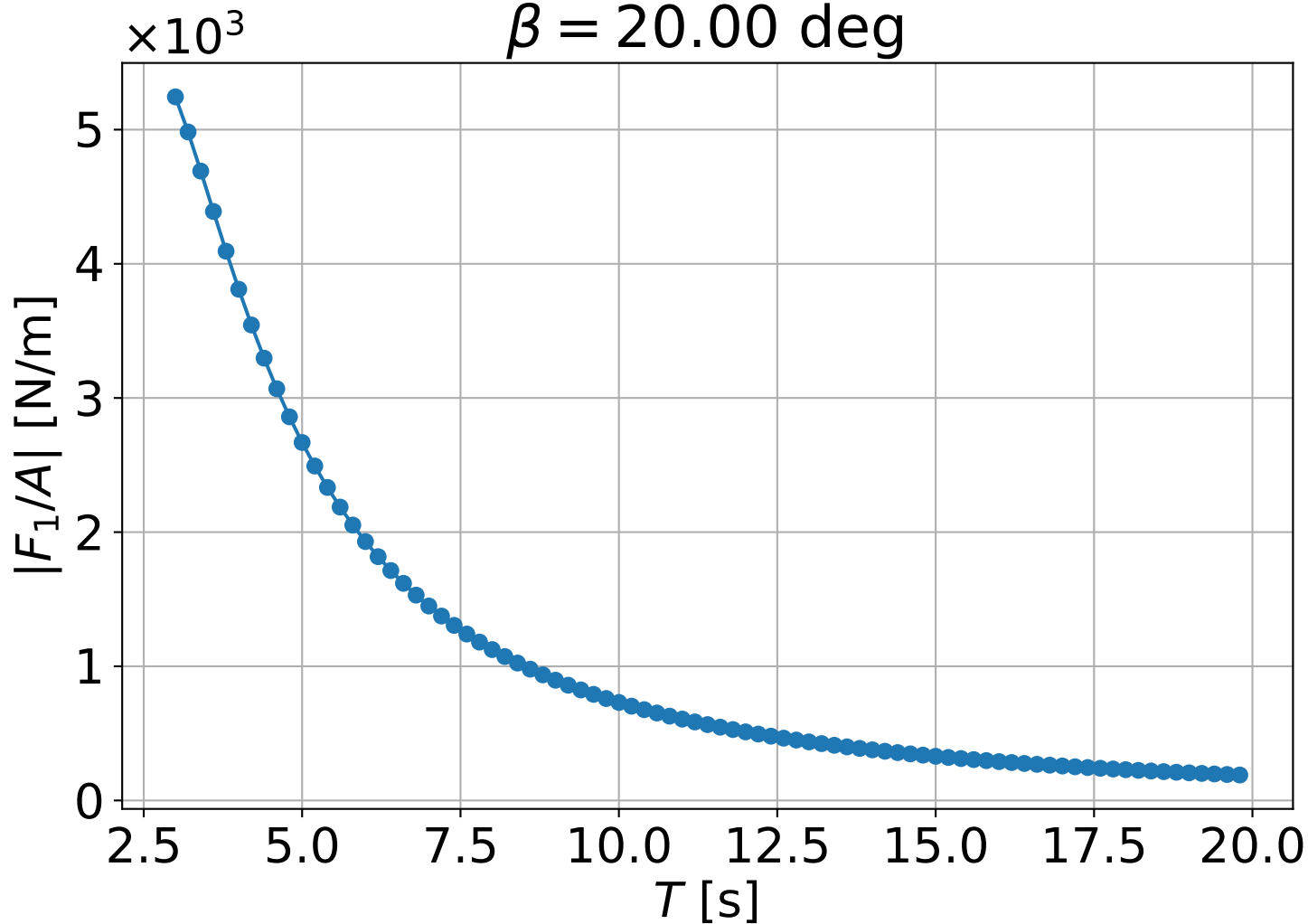
$\beta = 10.00$ deg



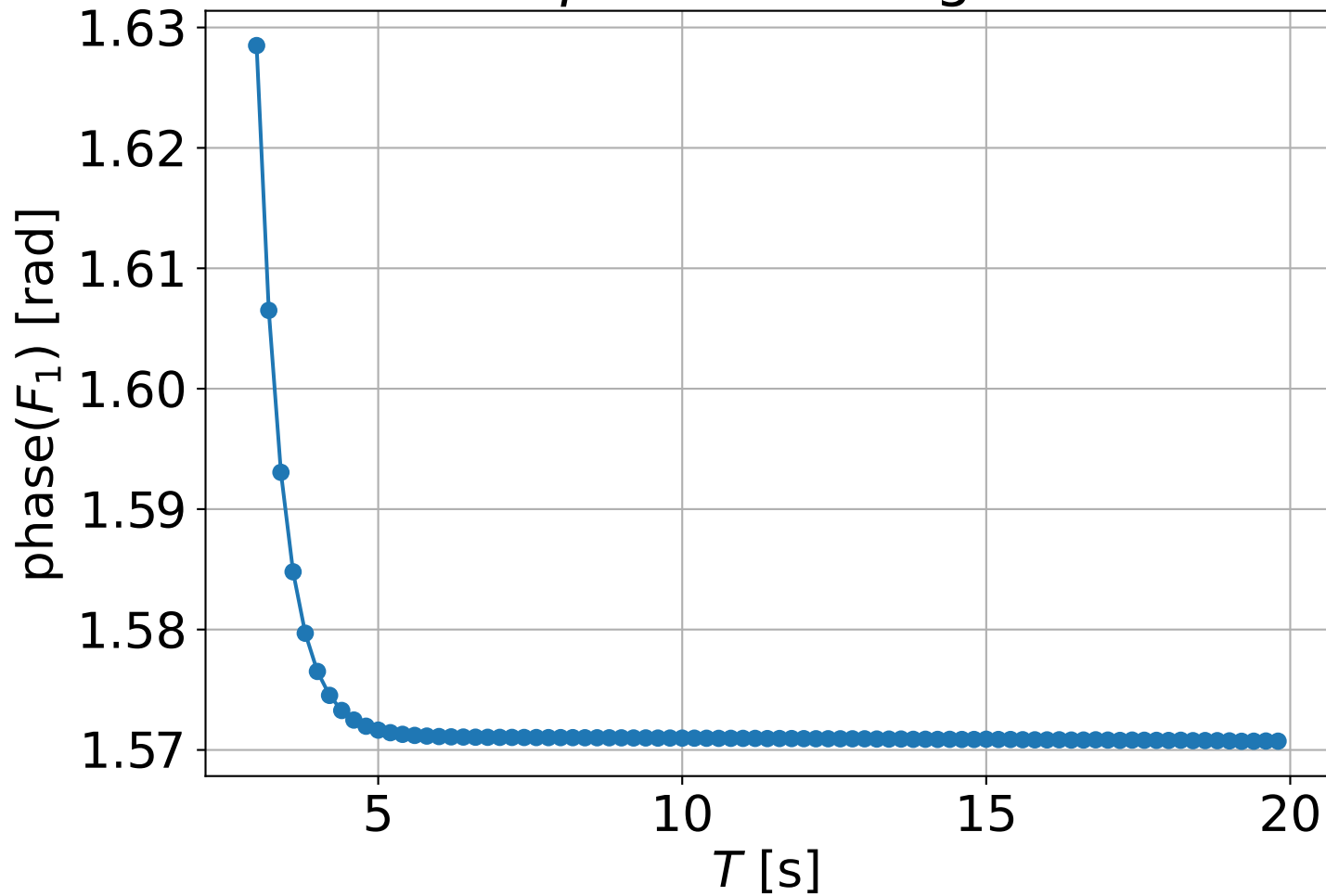
$\beta = 10.00$ deg



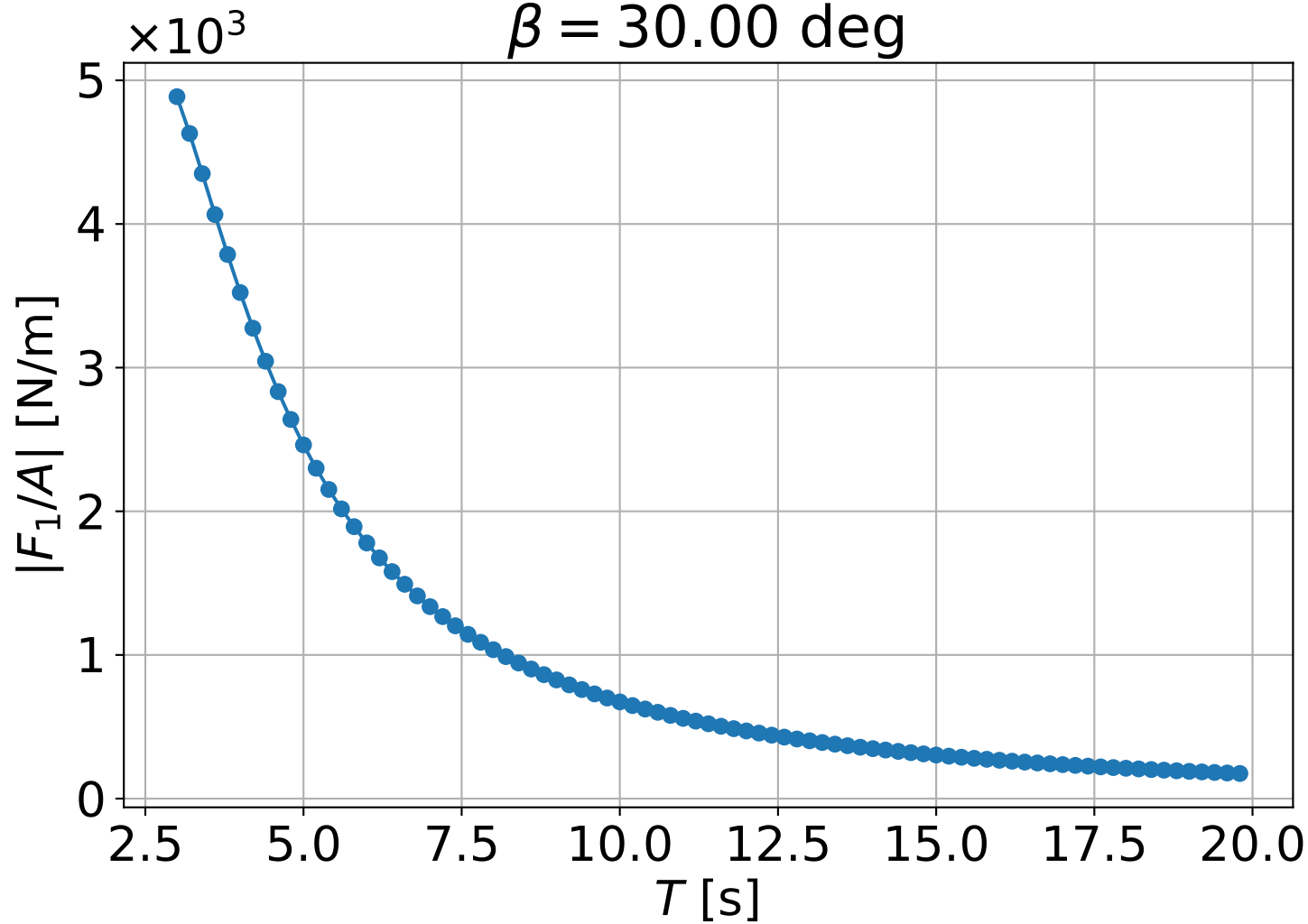
$\beta = 20.00$ deg



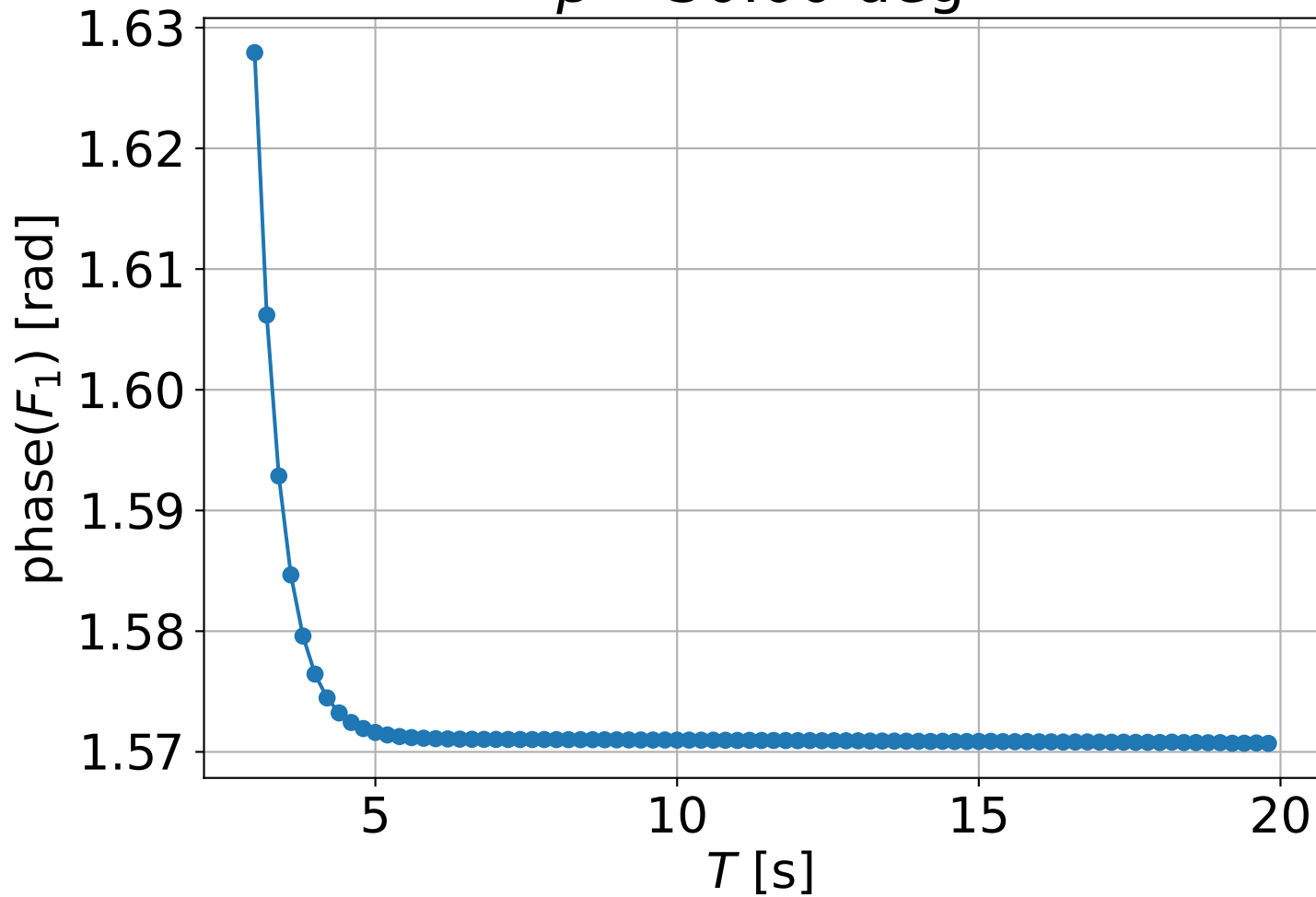
$\beta = 20.00$ deg



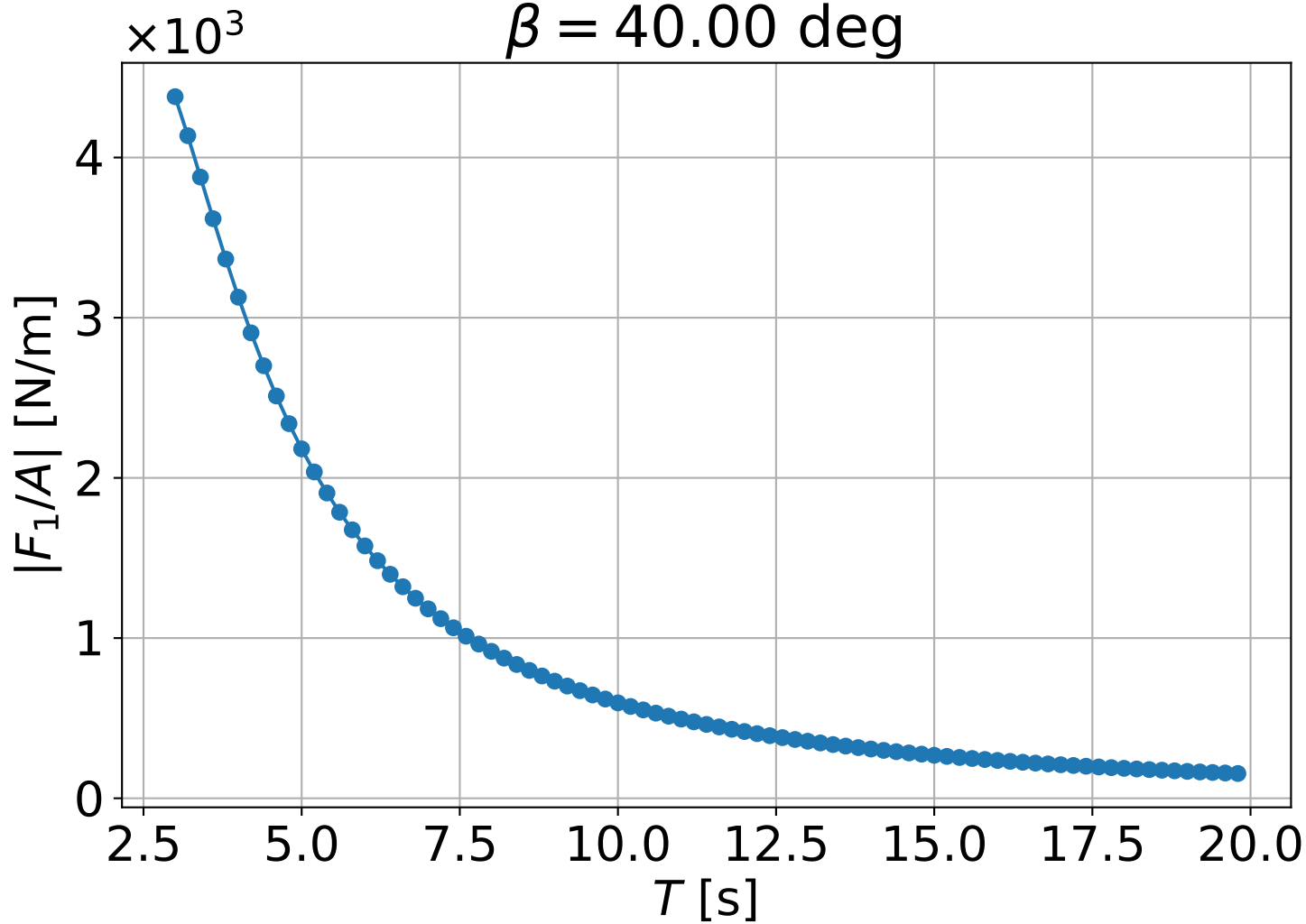
$\beta = 30.00$ deg



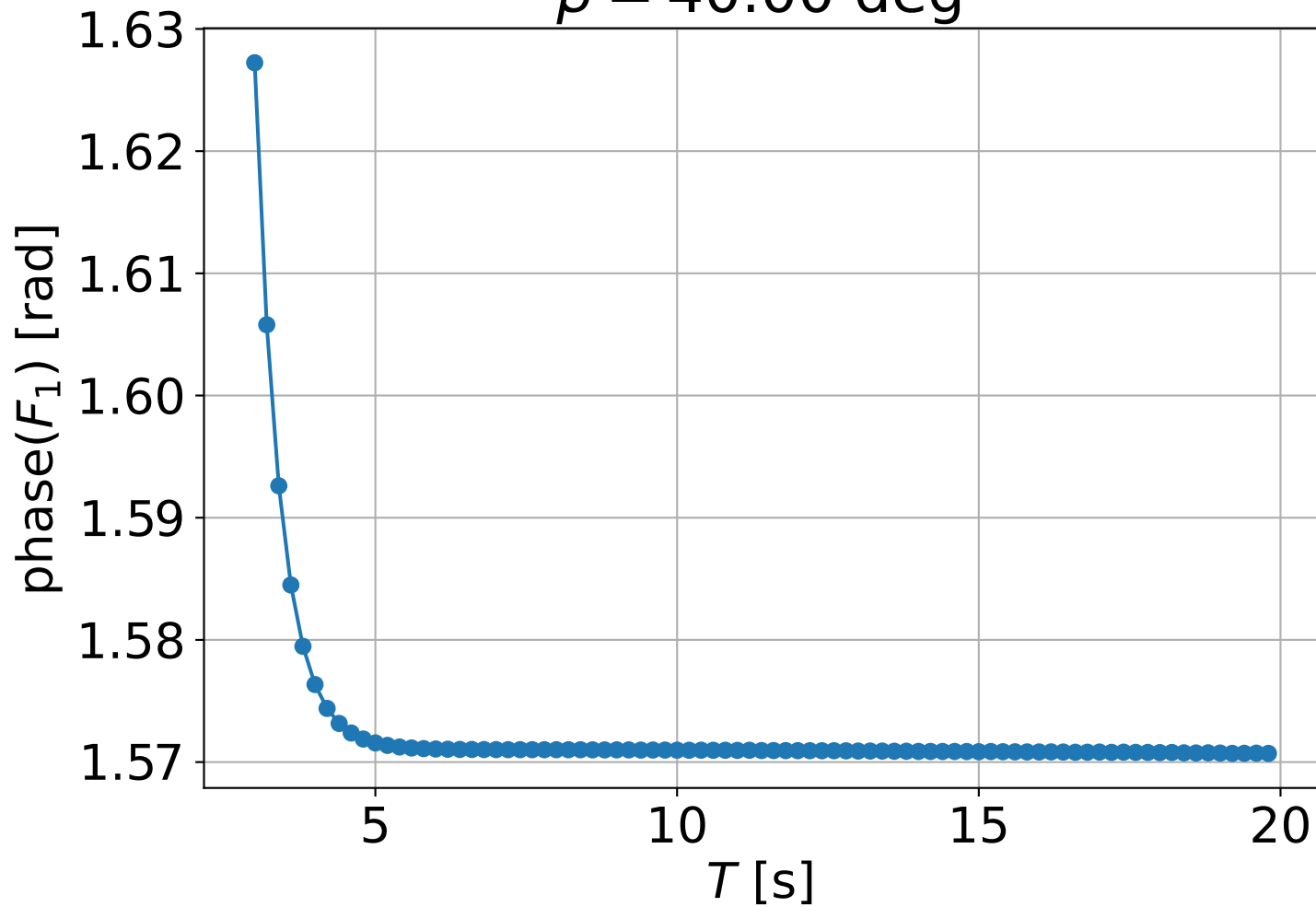
$\beta = 30.00$ deg

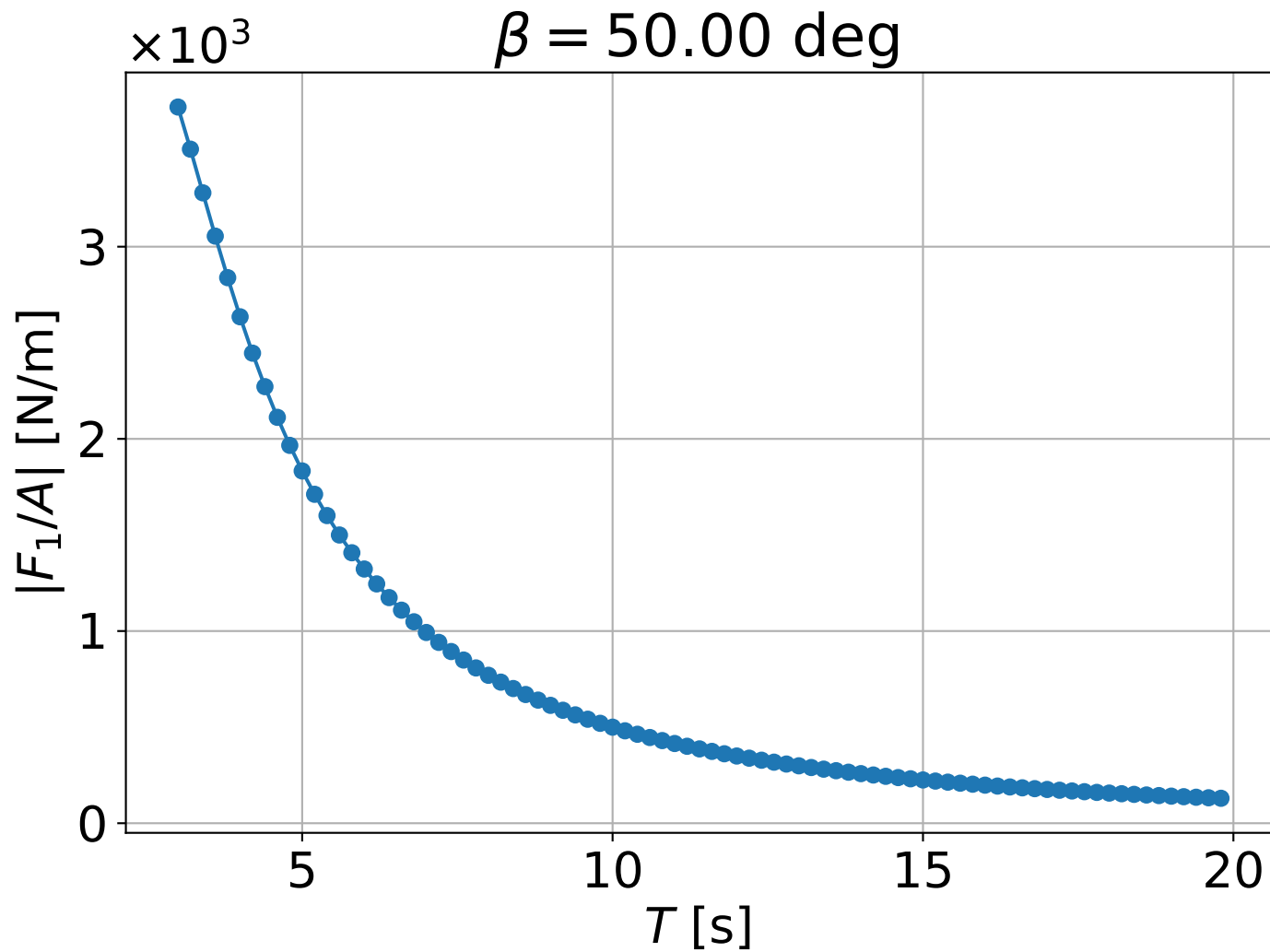


$\beta = 40.00$ deg

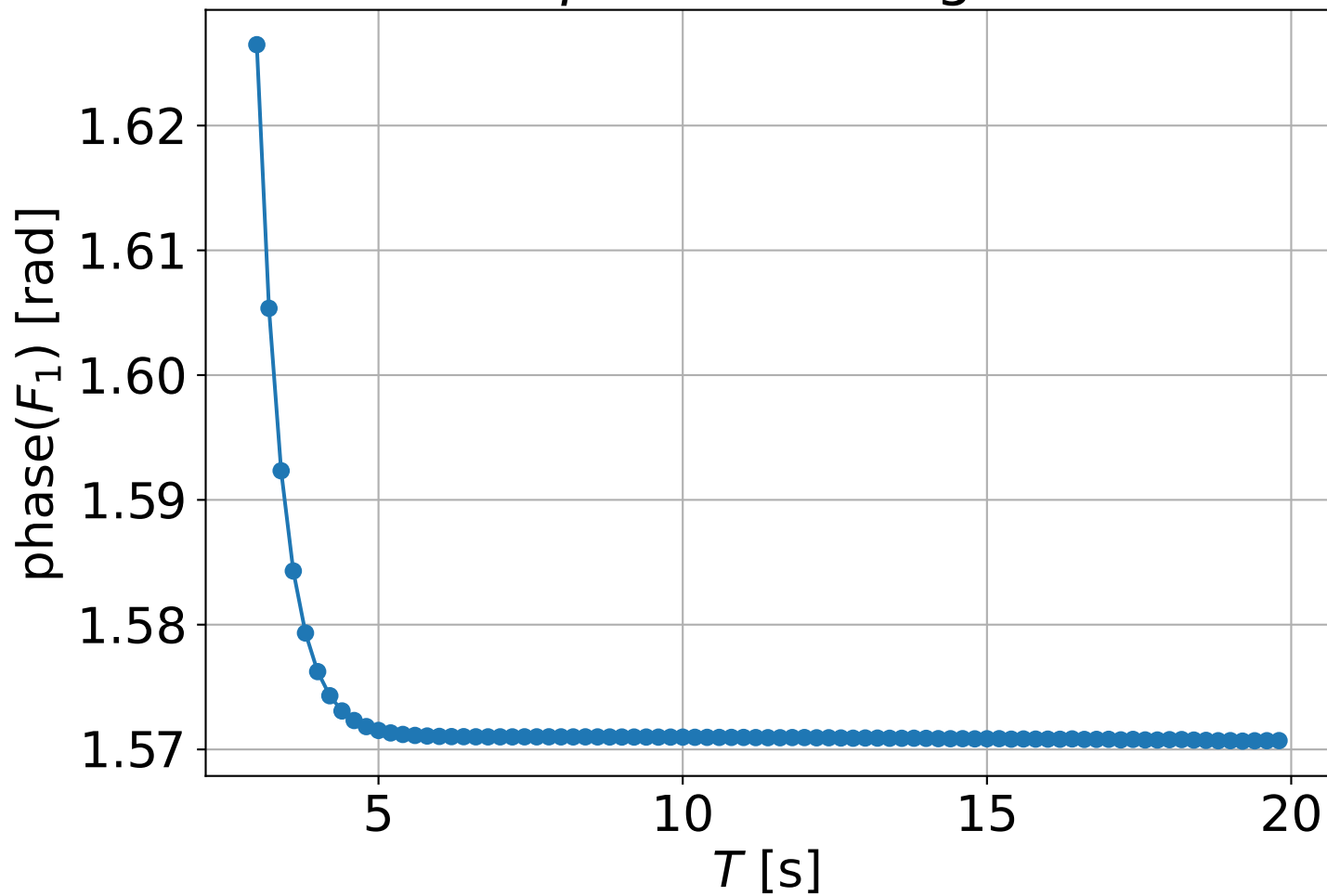


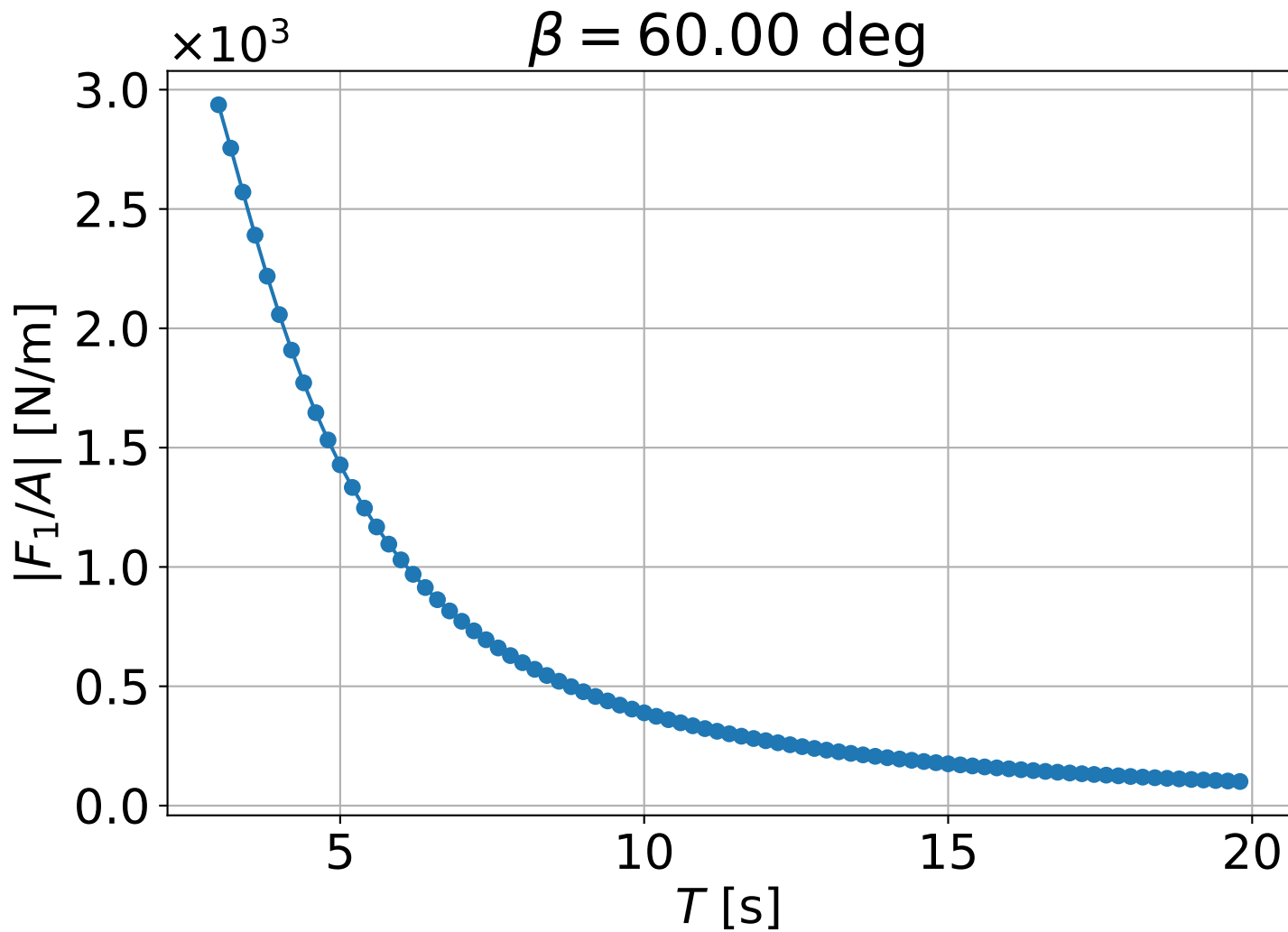
$\beta = 40.00$ deg



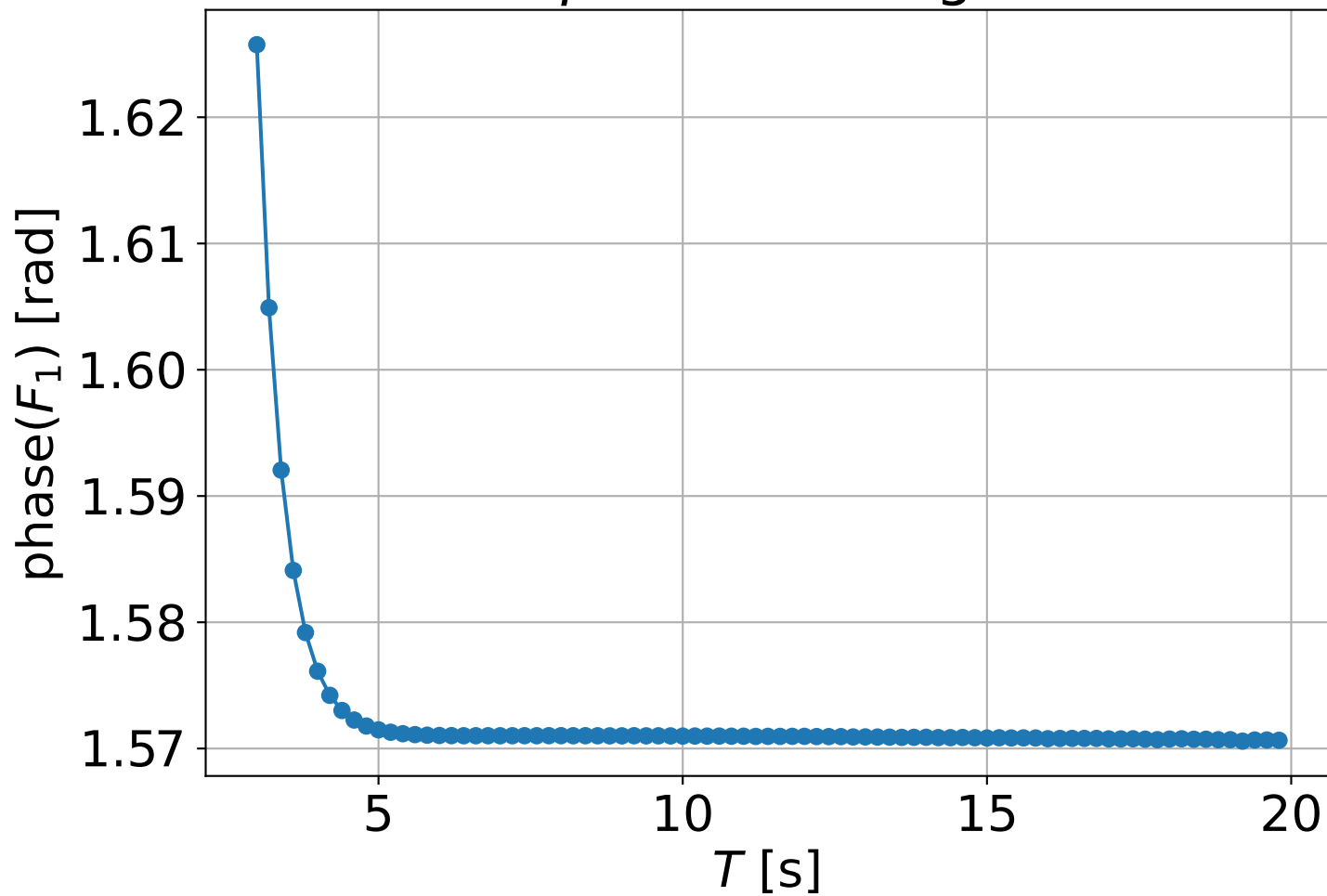


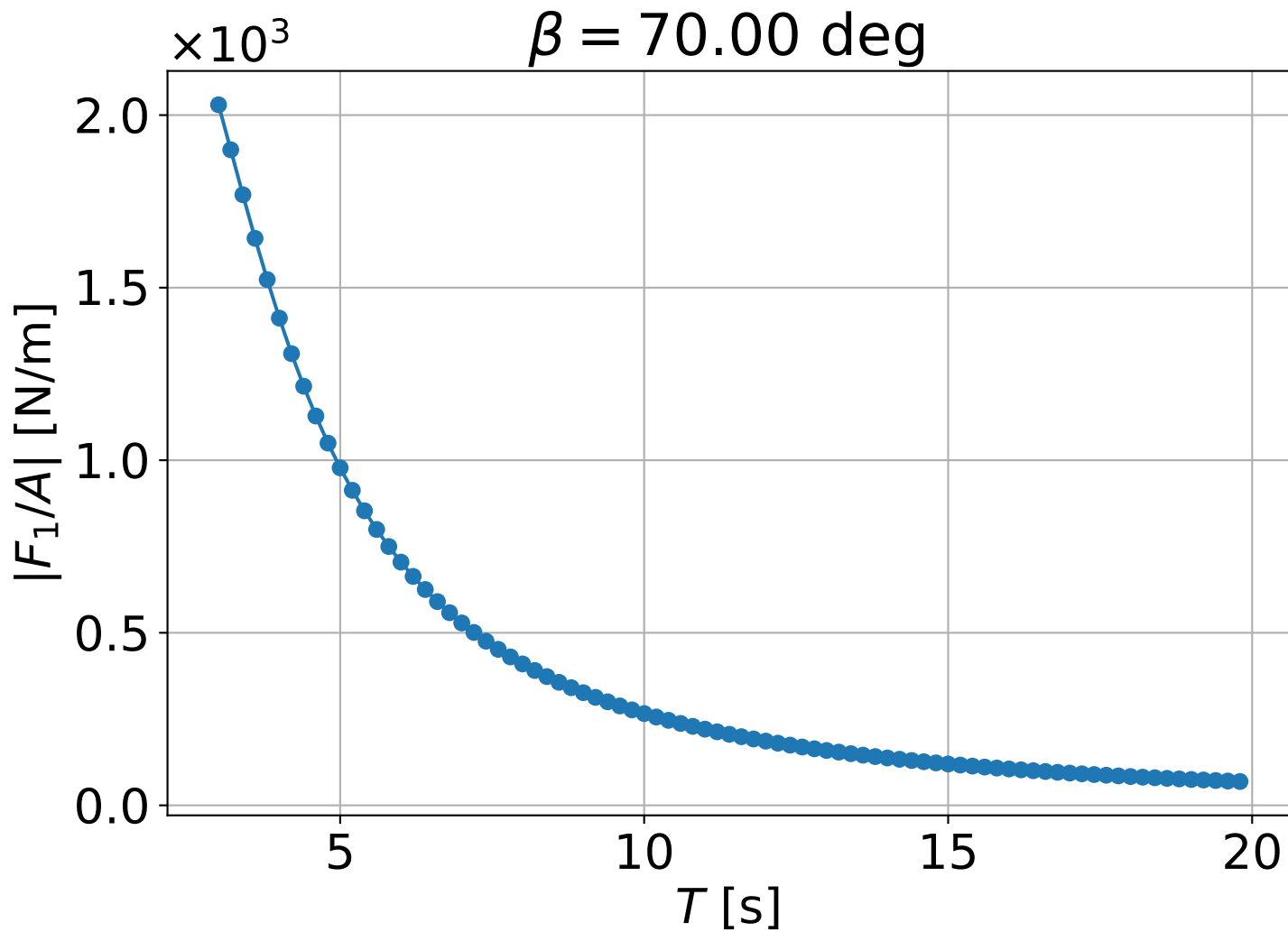
$\beta = 50.00$ deg



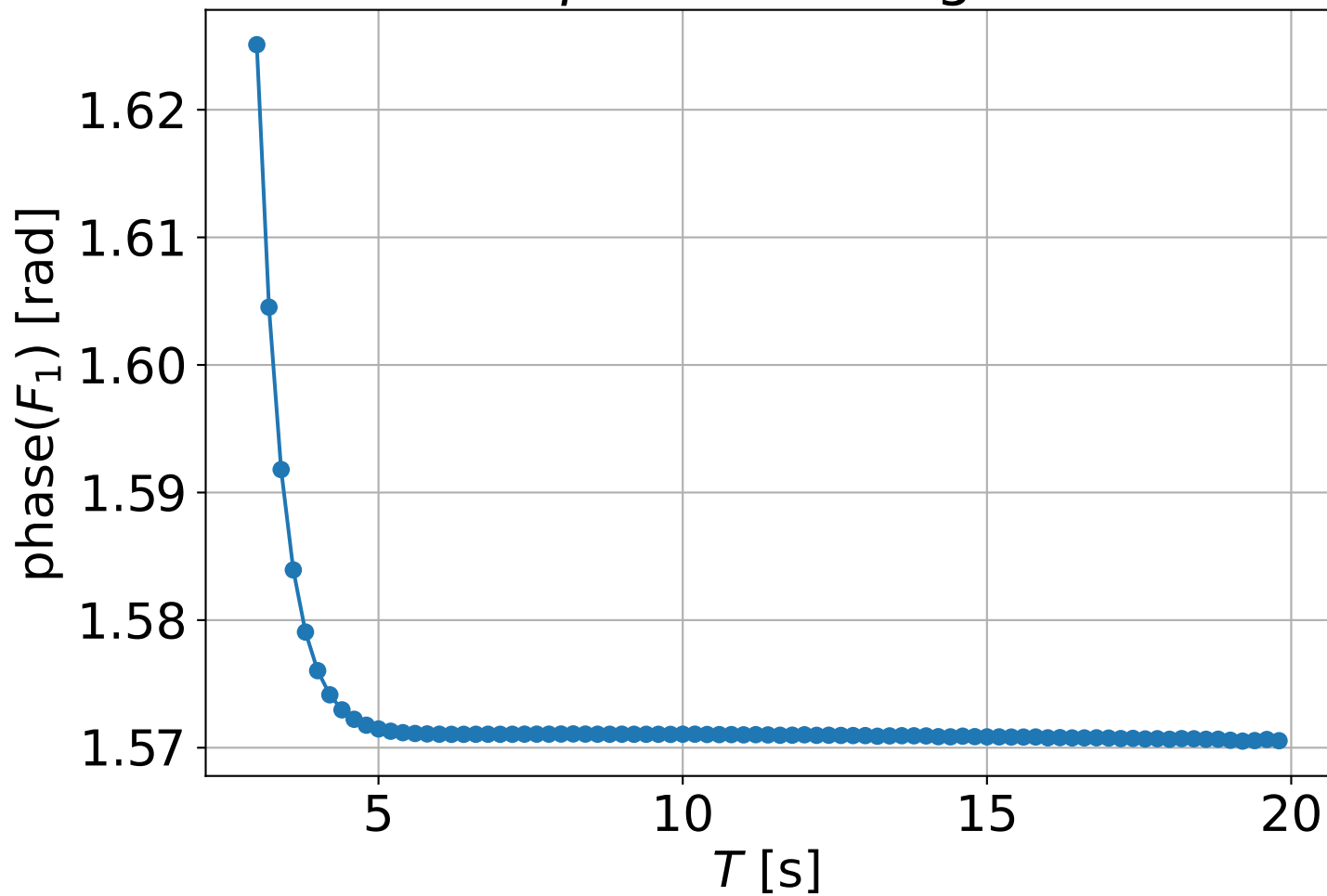


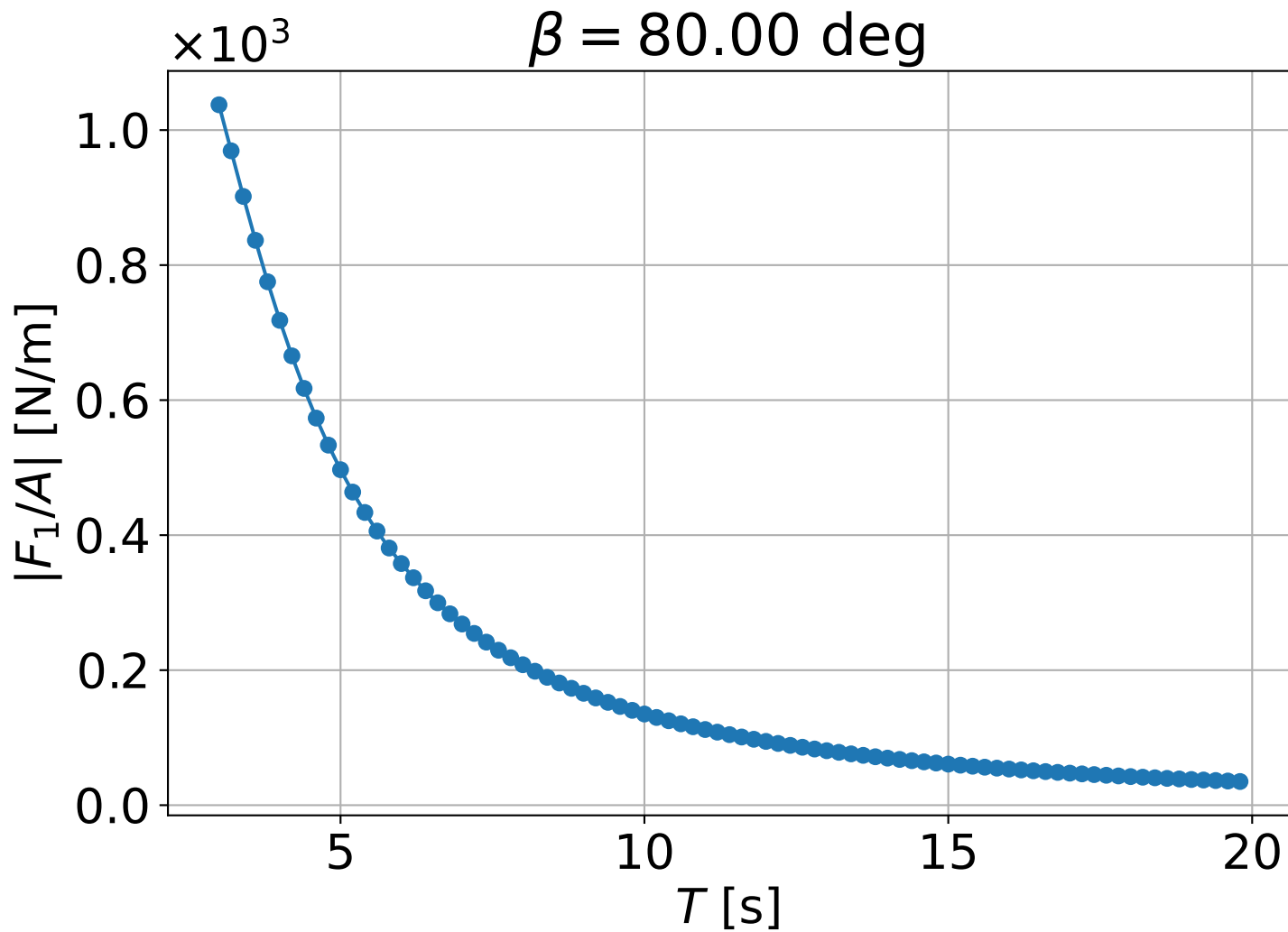
$\beta = 60.00$ deg



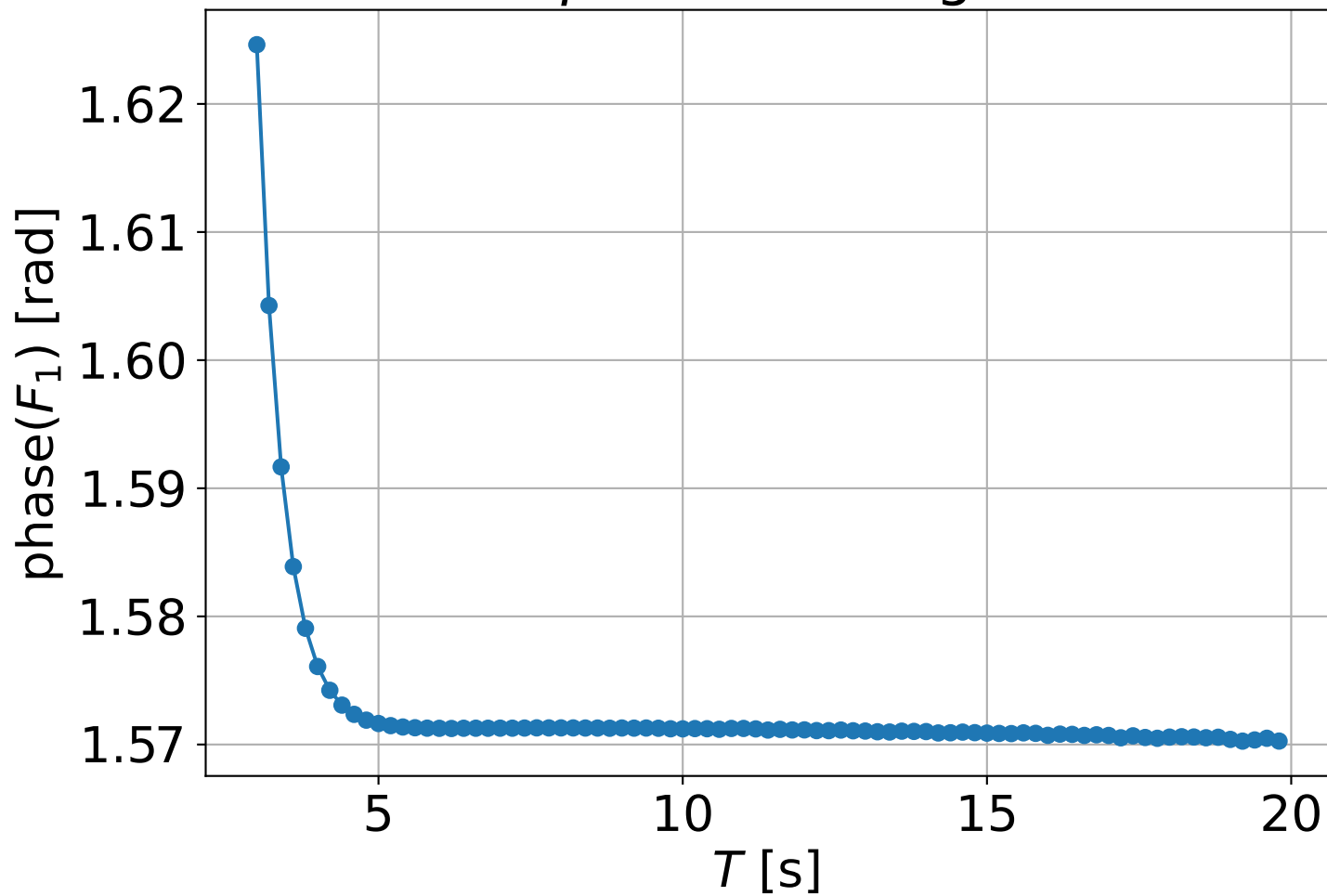


$\beta = 70.00$ deg

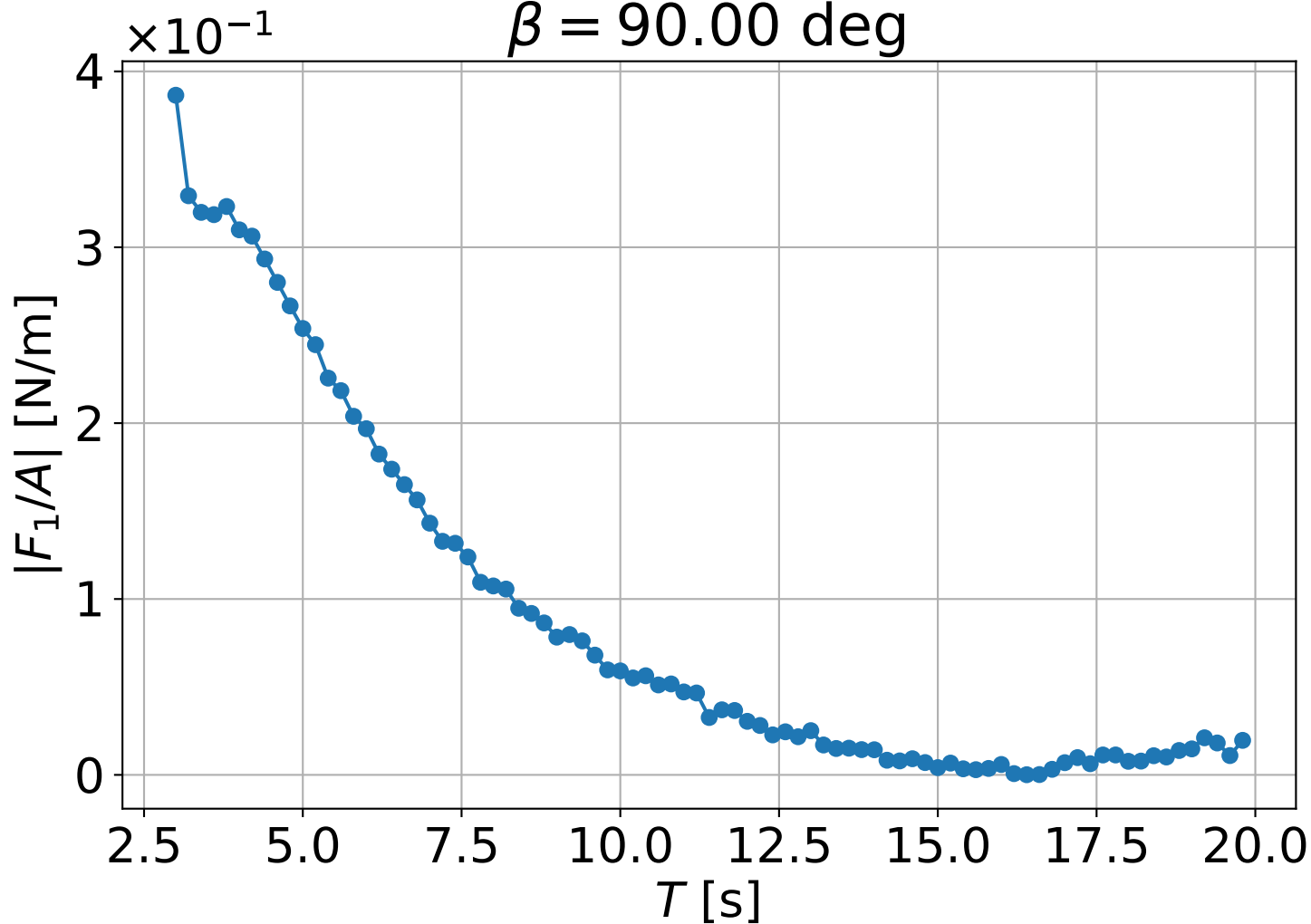




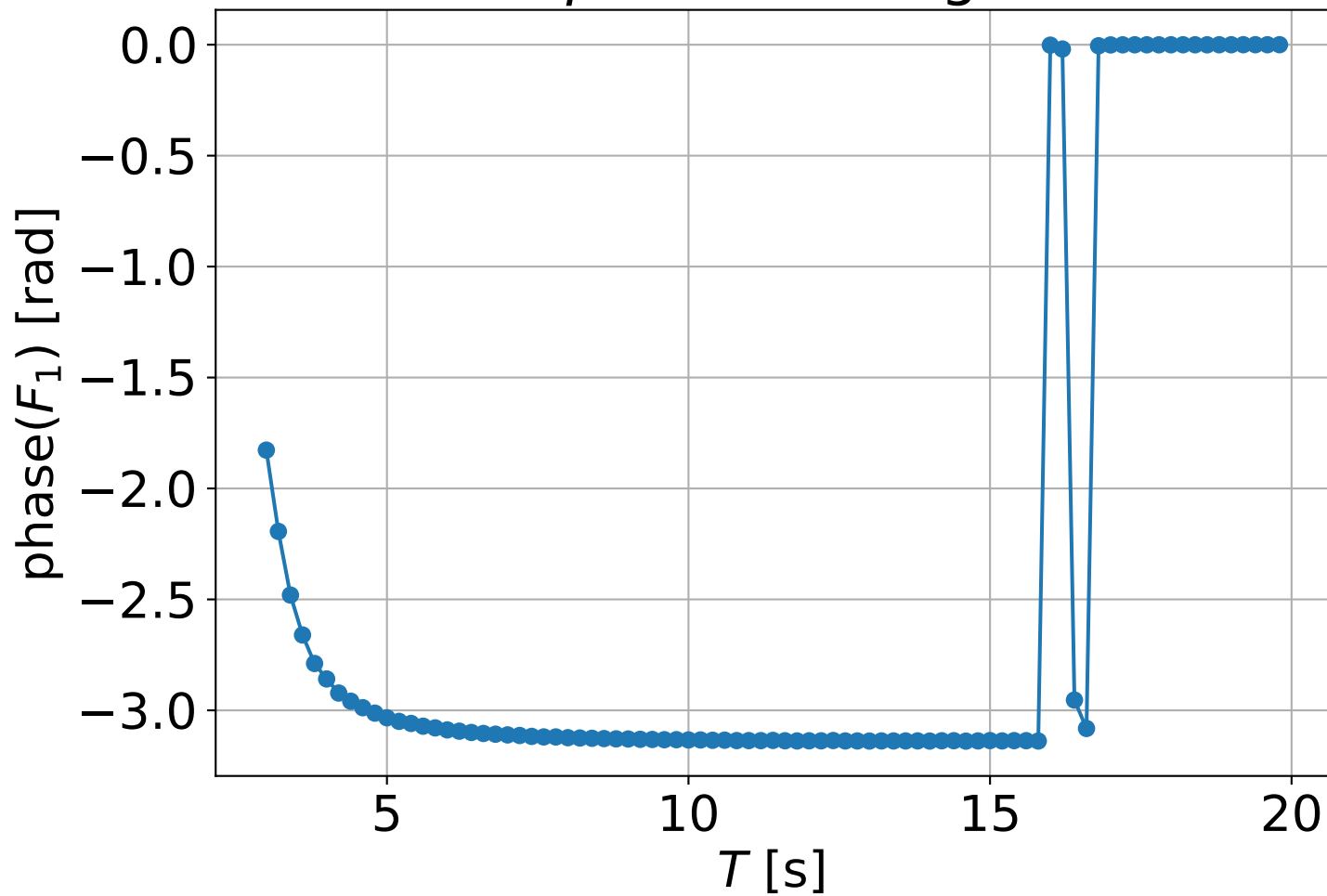
$\beta = 80.00$ deg

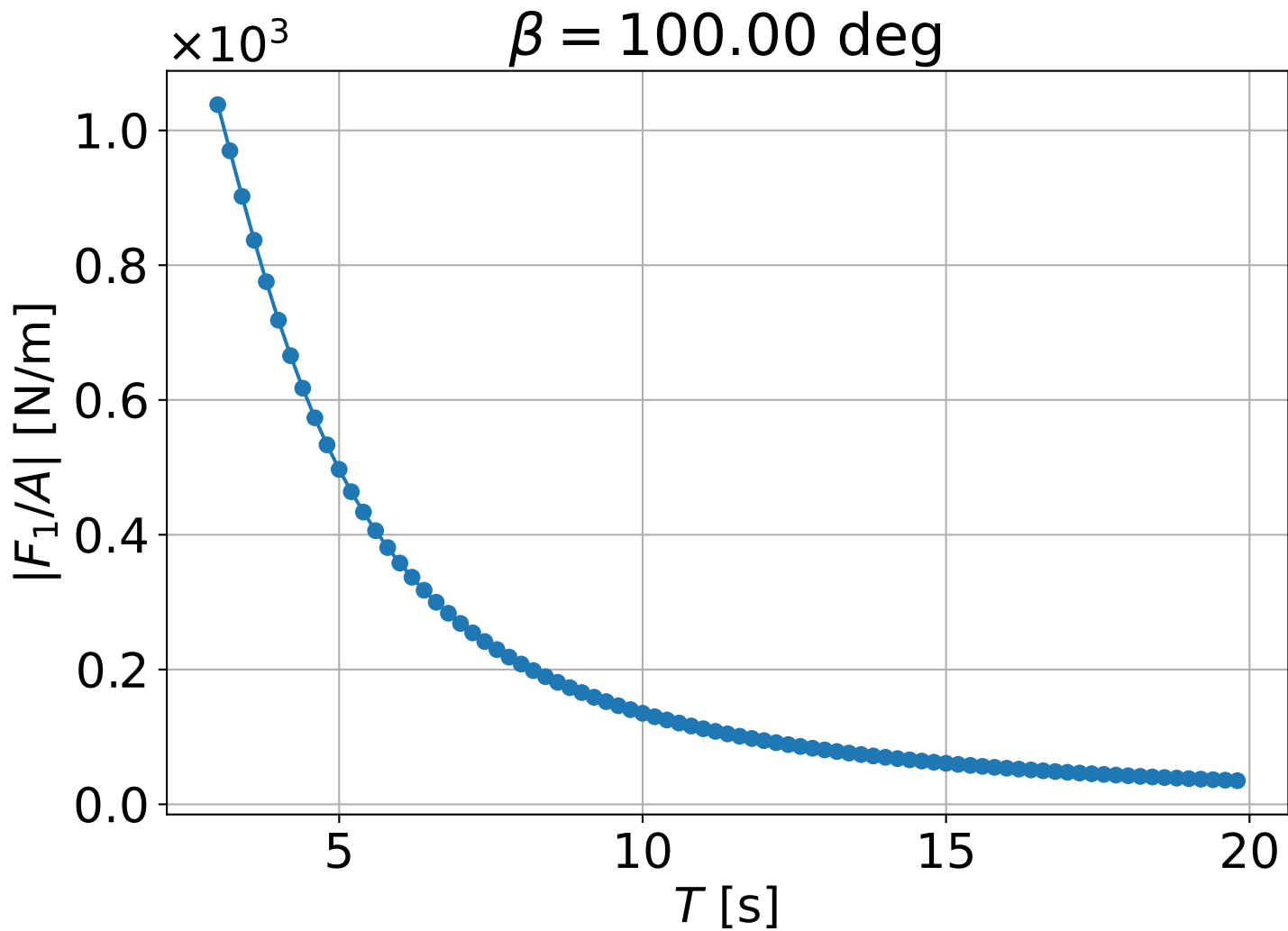


$\beta = 90.00$ deg

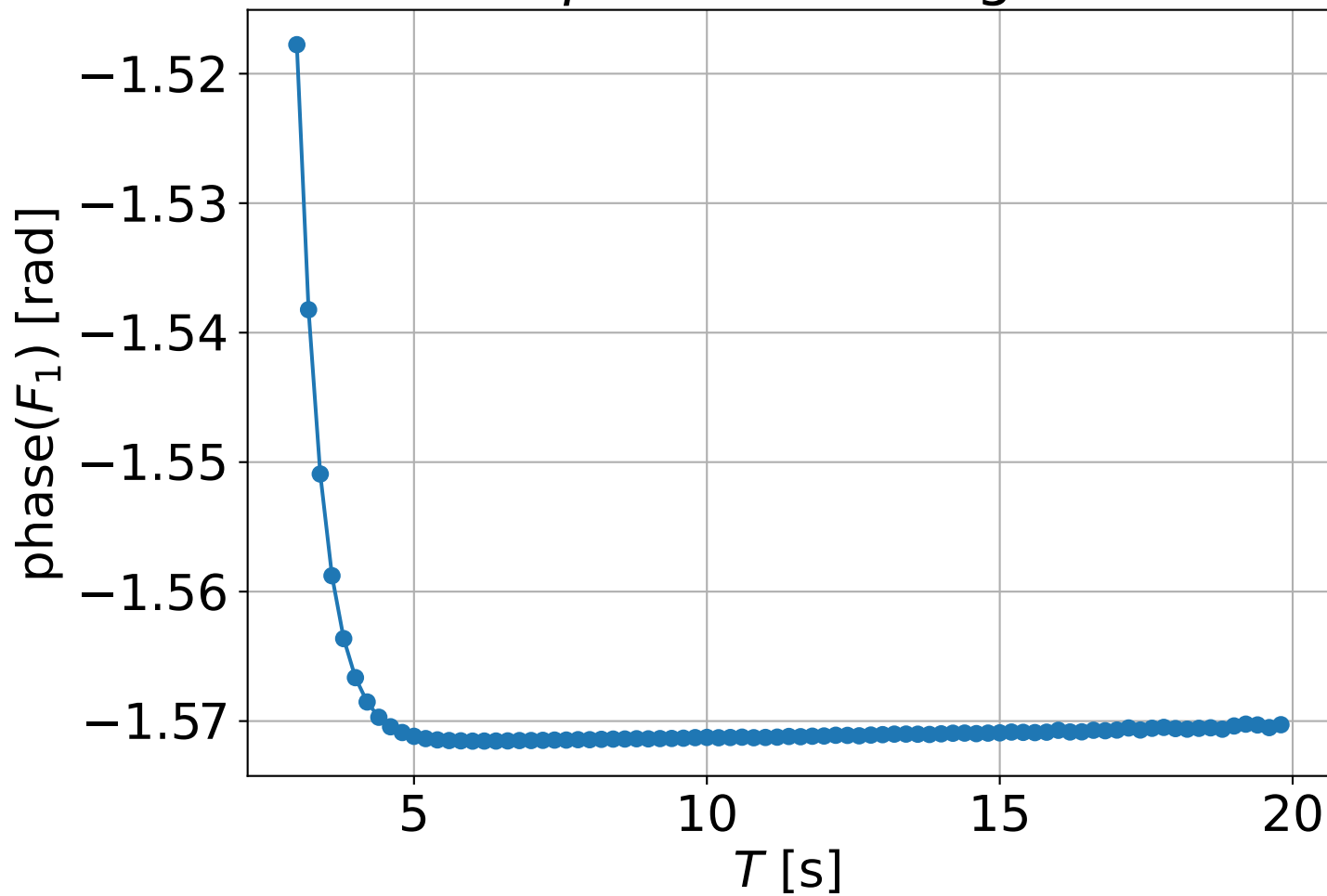


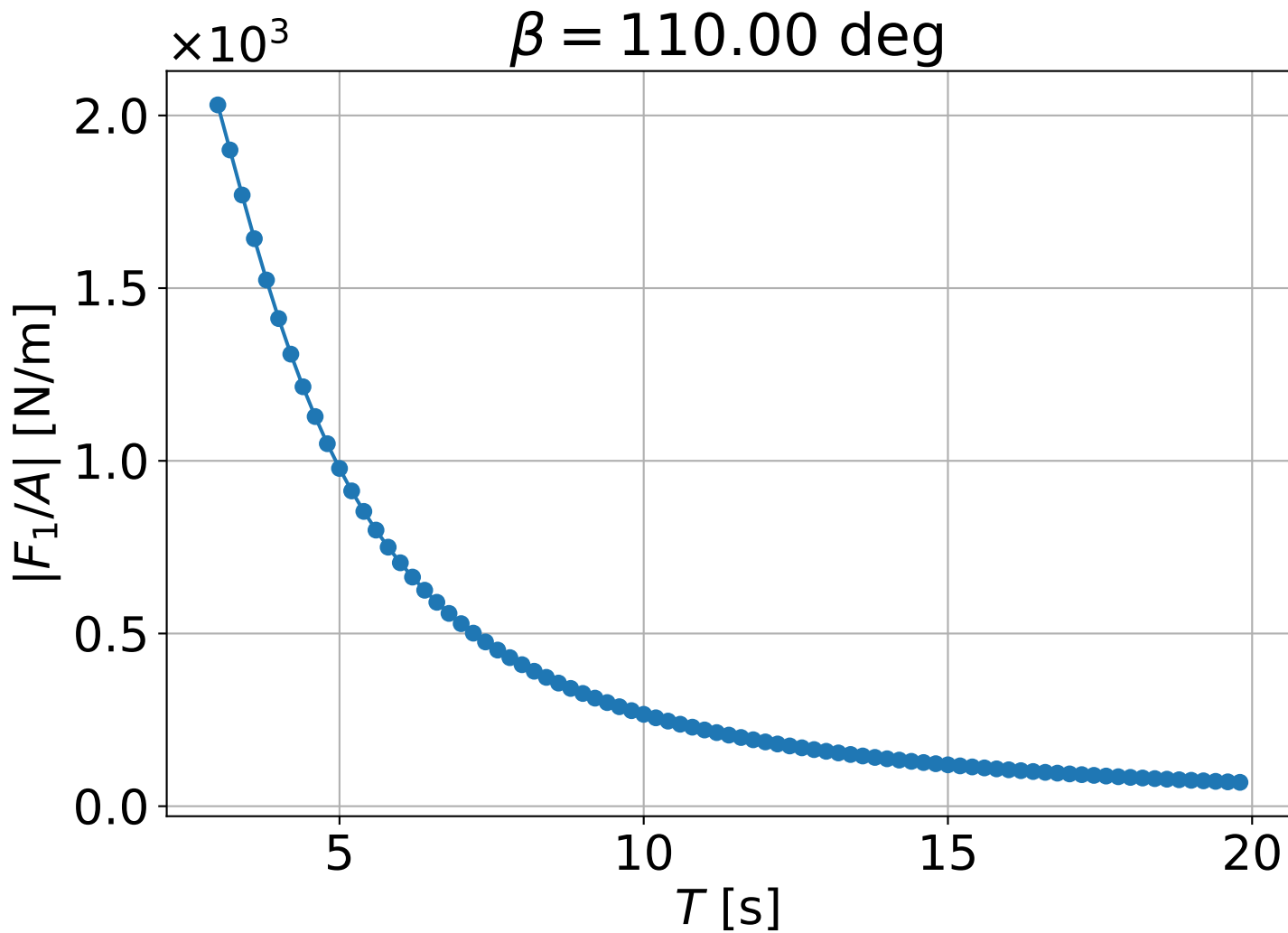
$\beta = 90.00$ deg



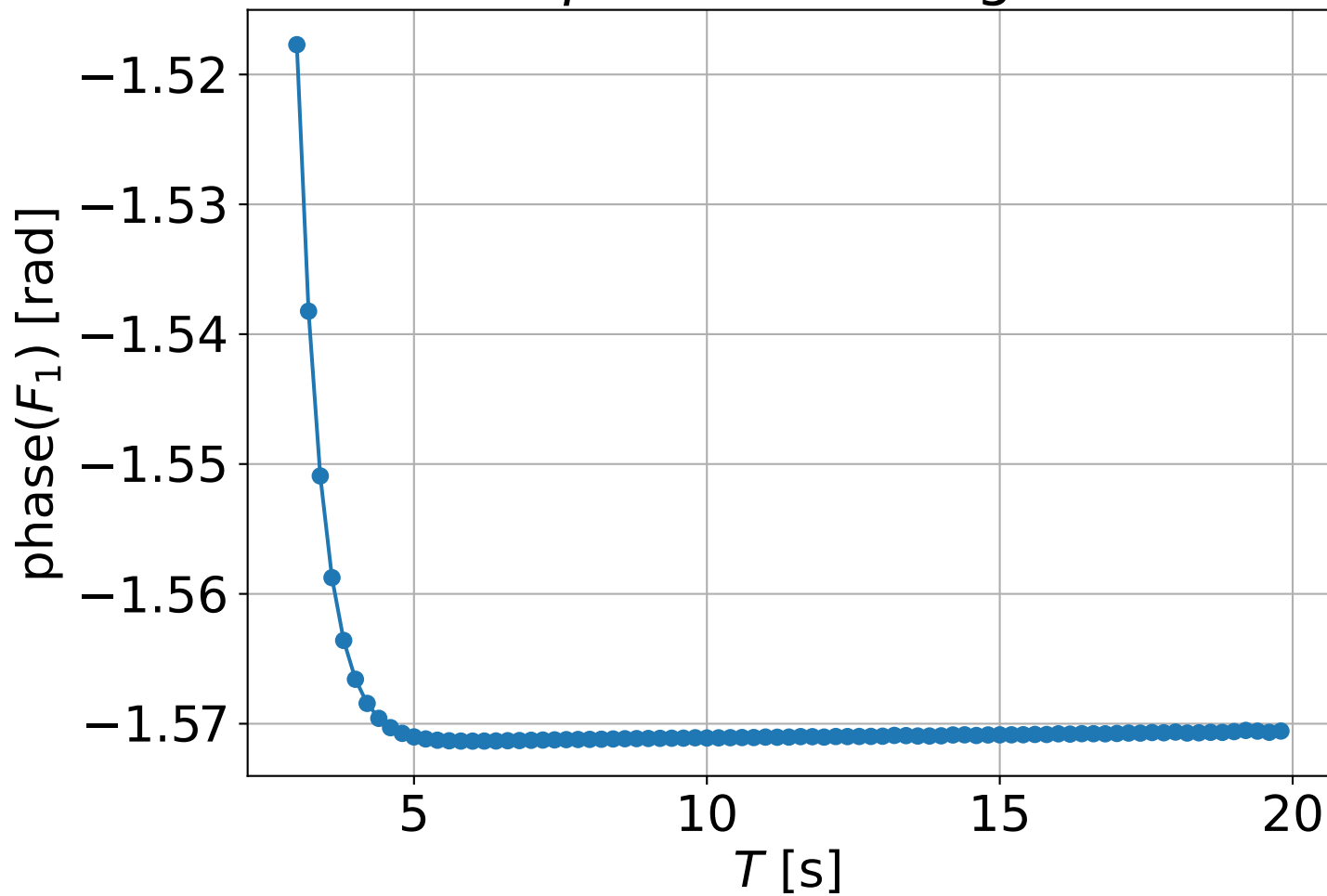


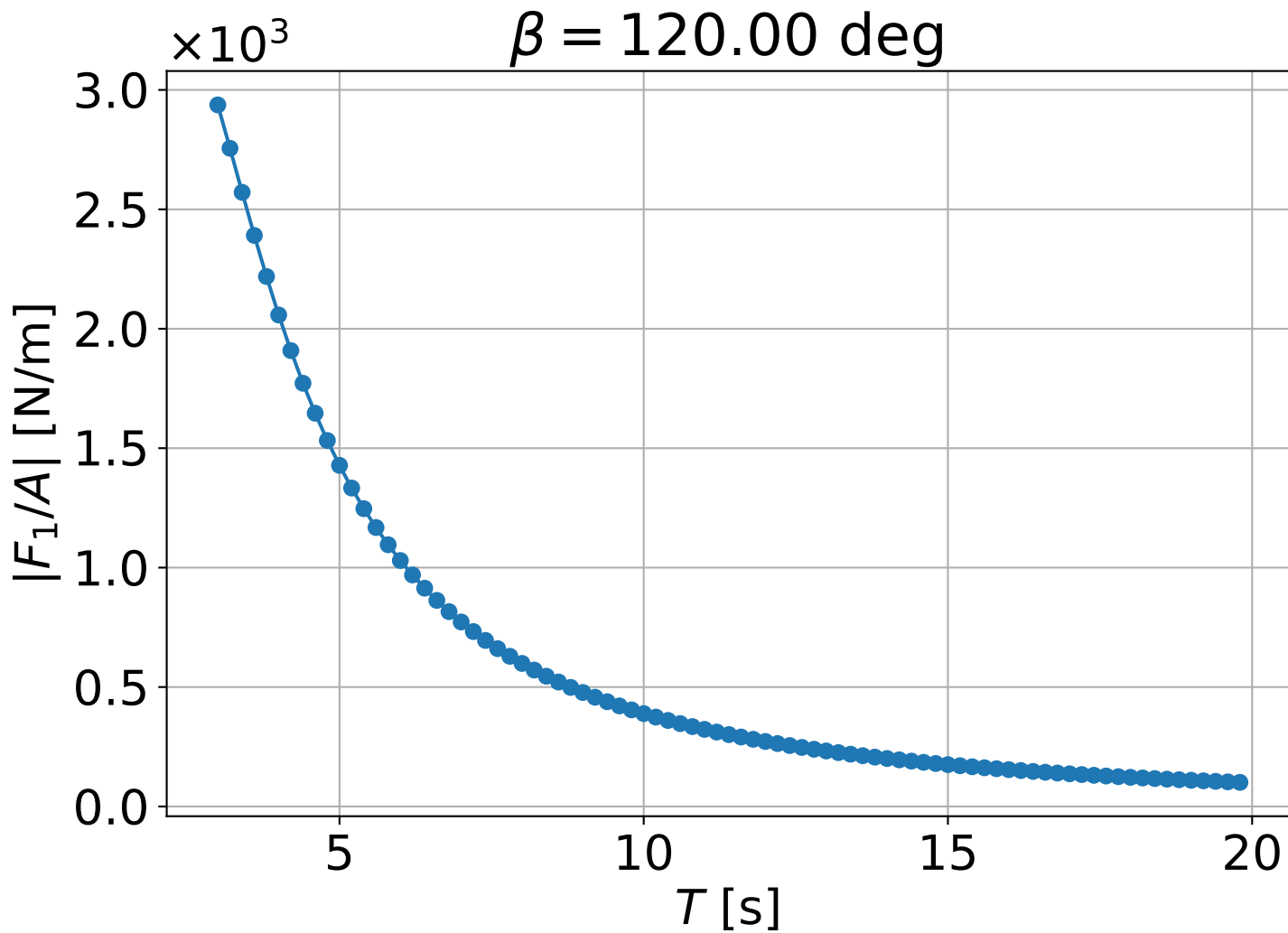
$\beta = 100.00$ deg



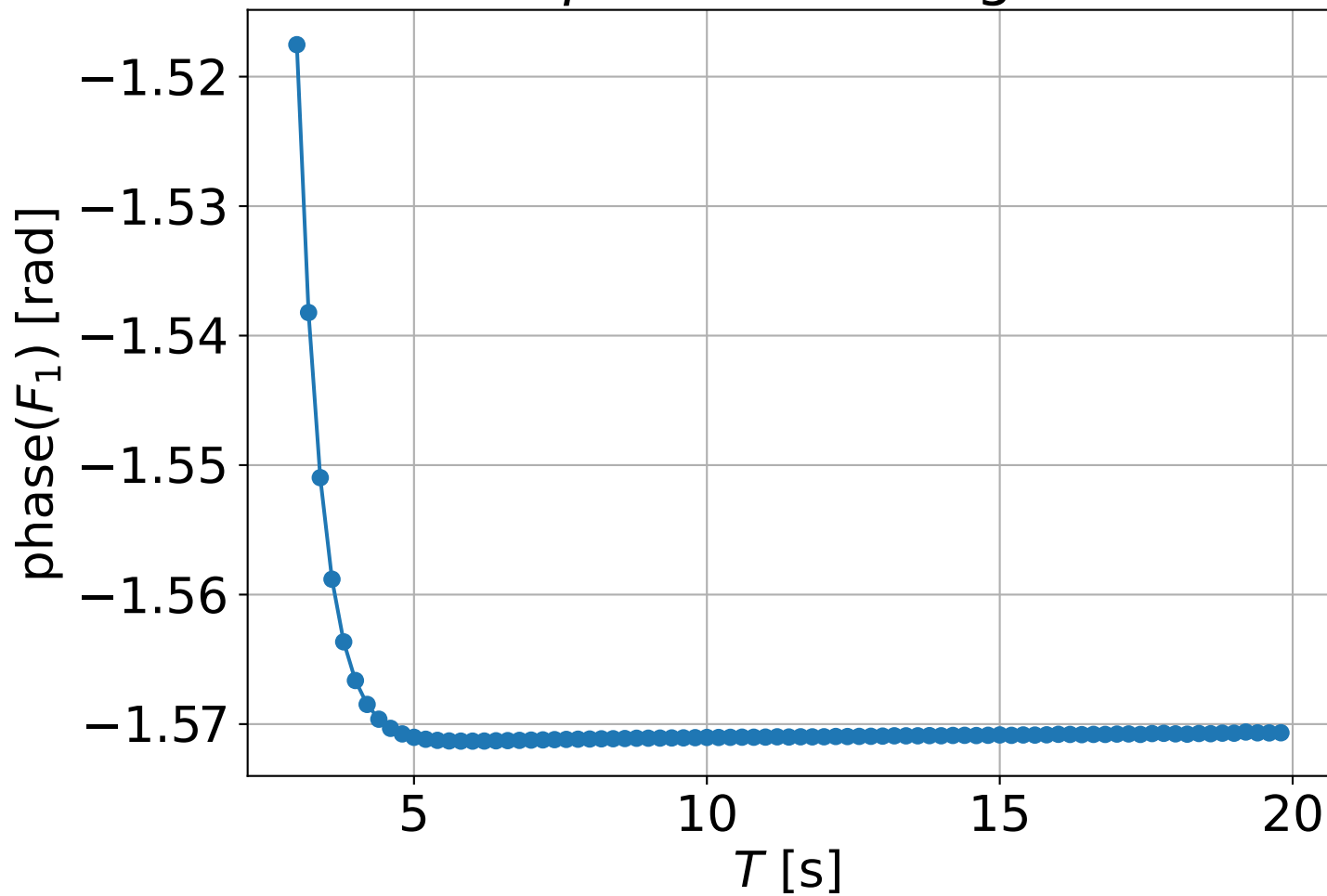


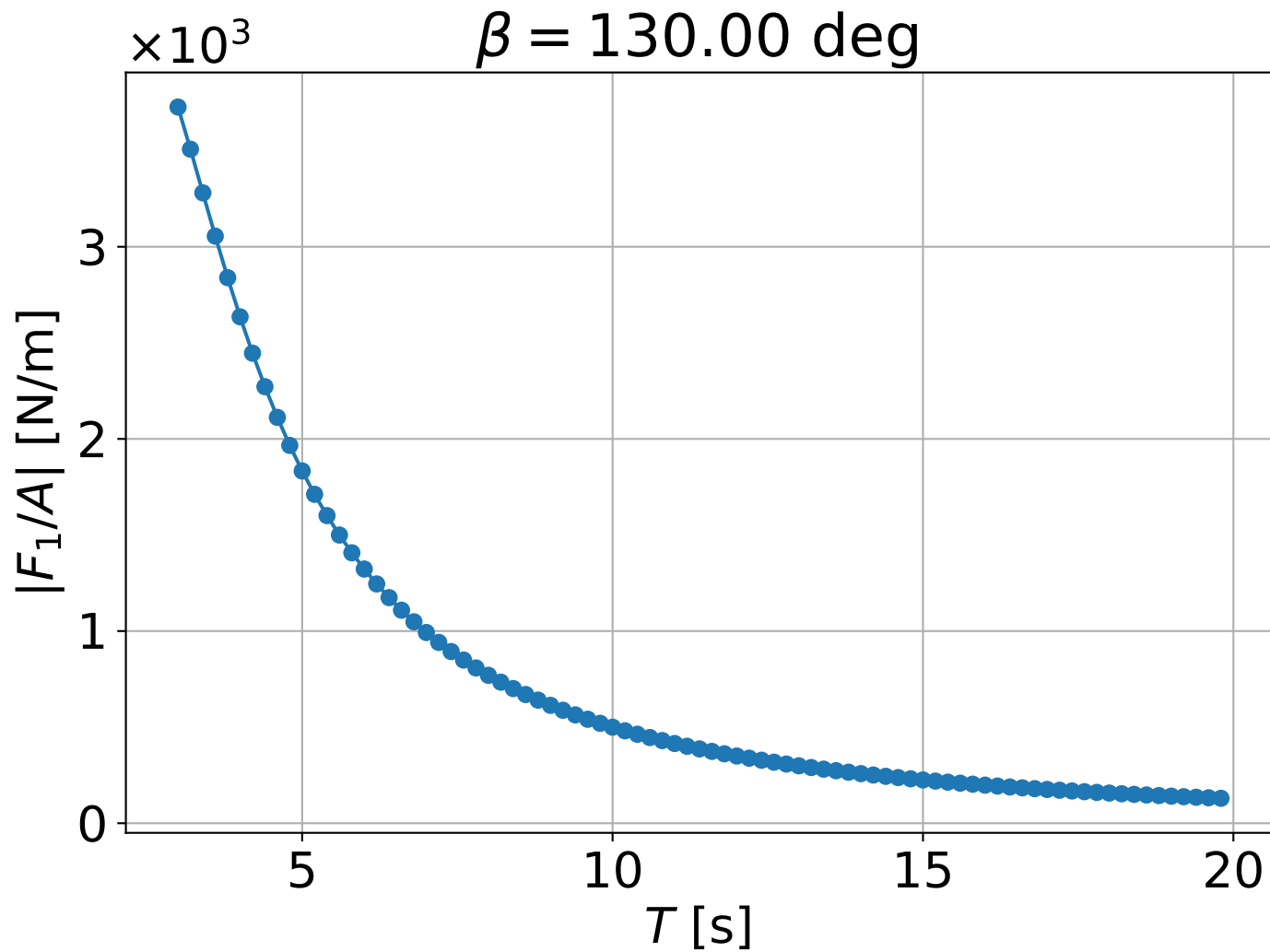
$\beta = 110.00$ deg



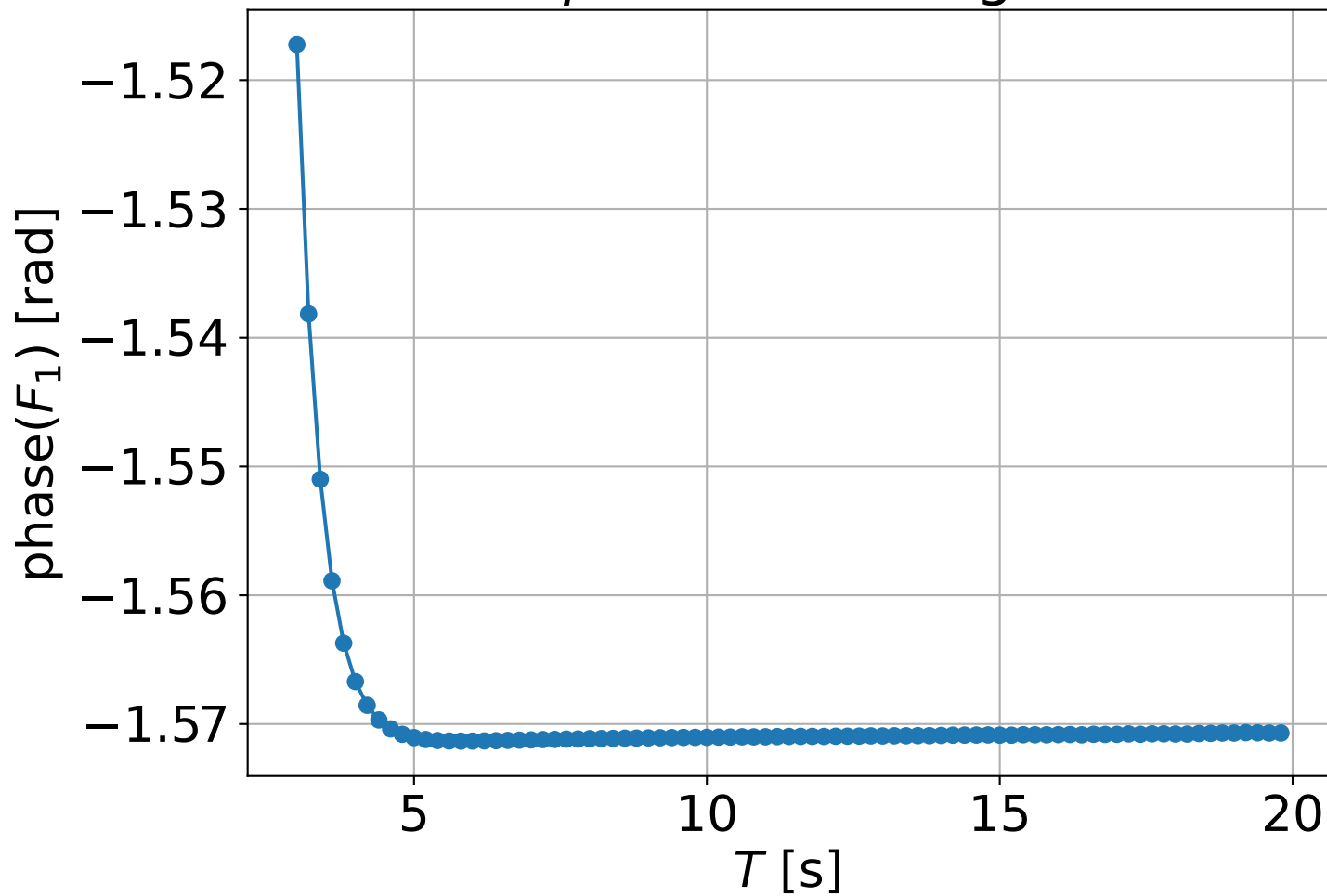


$\beta = 120.00$ deg

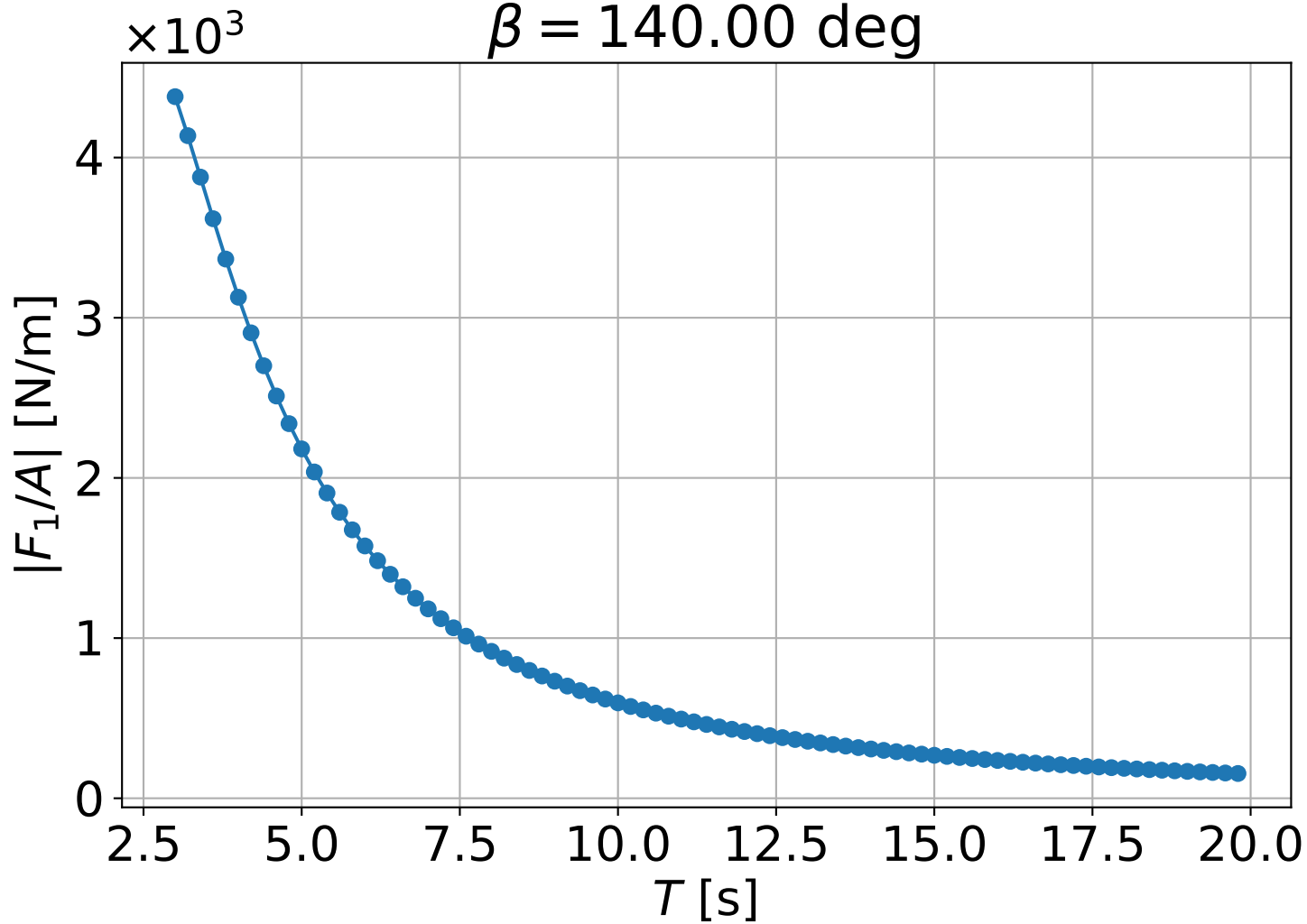




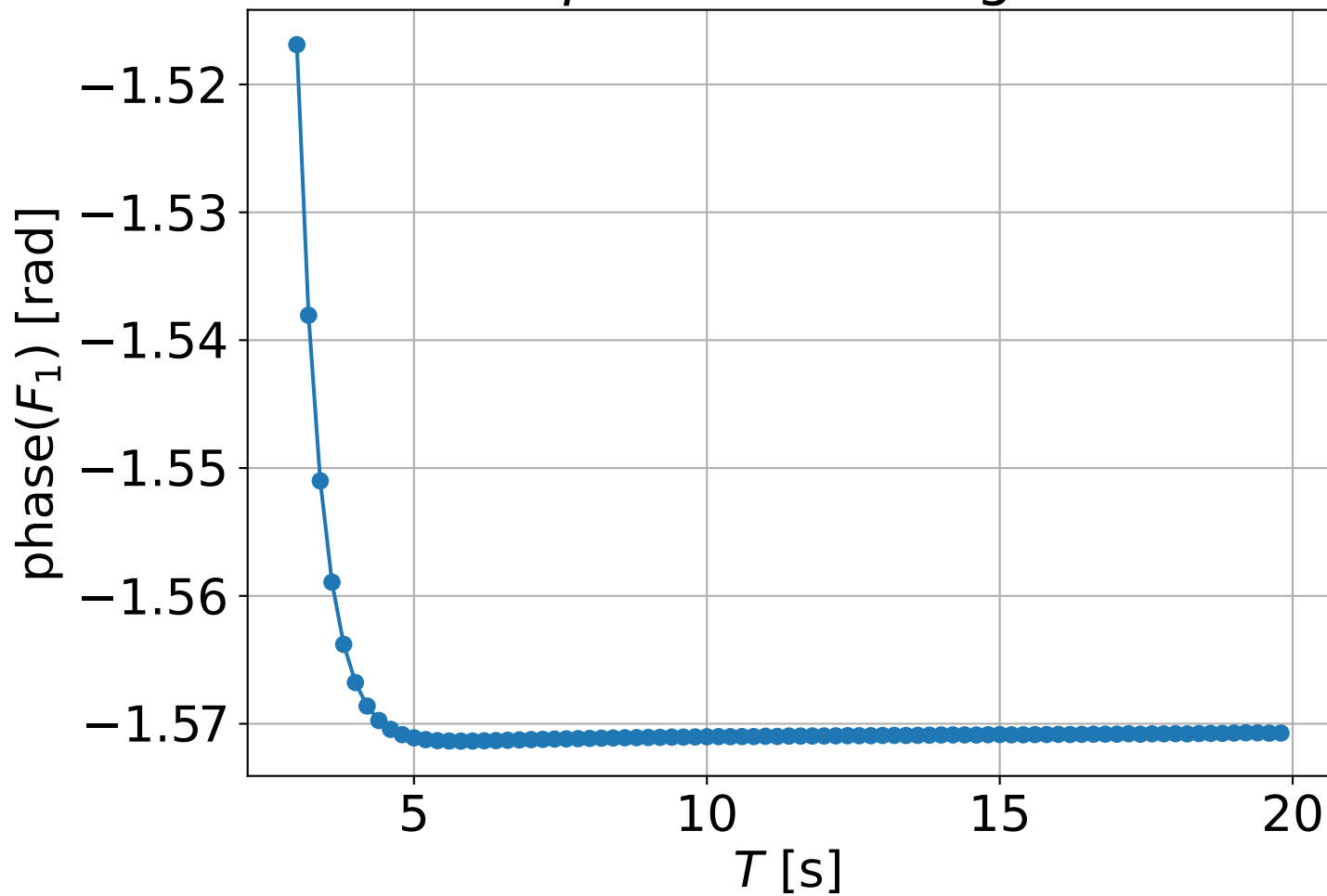
$\beta = 130.00$ deg



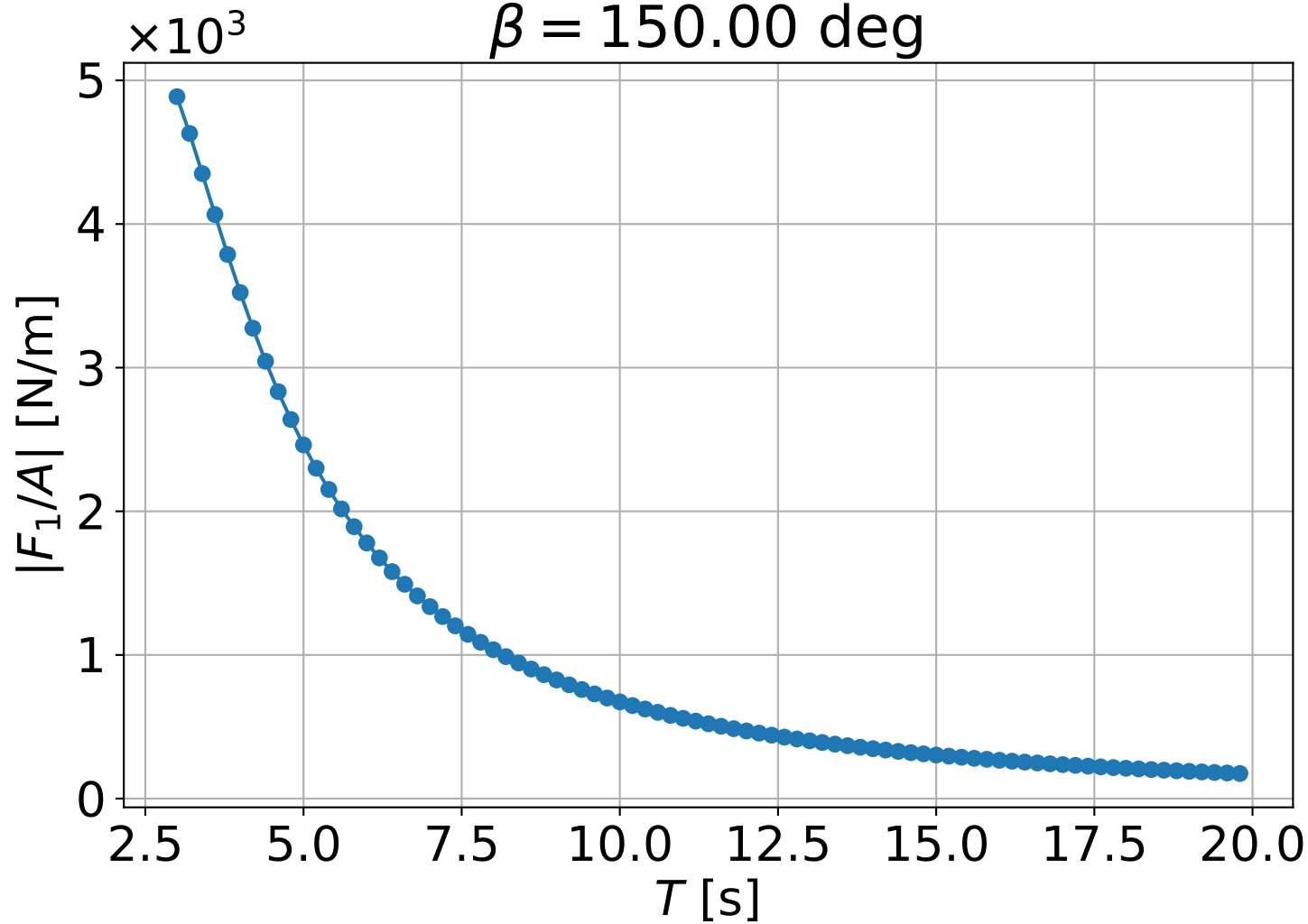
$\beta = 140.00$ deg



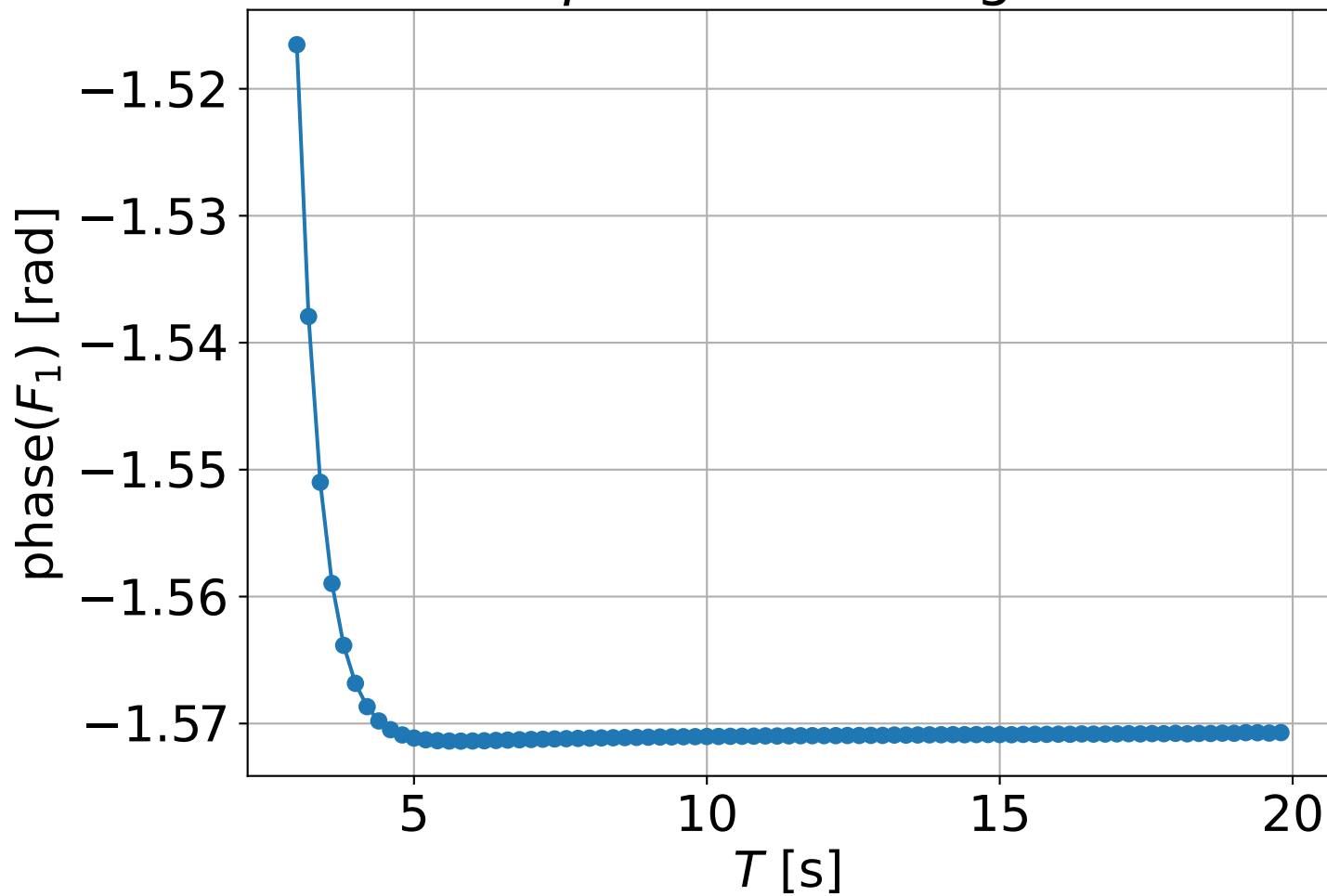
$\beta = 140.00$ deg



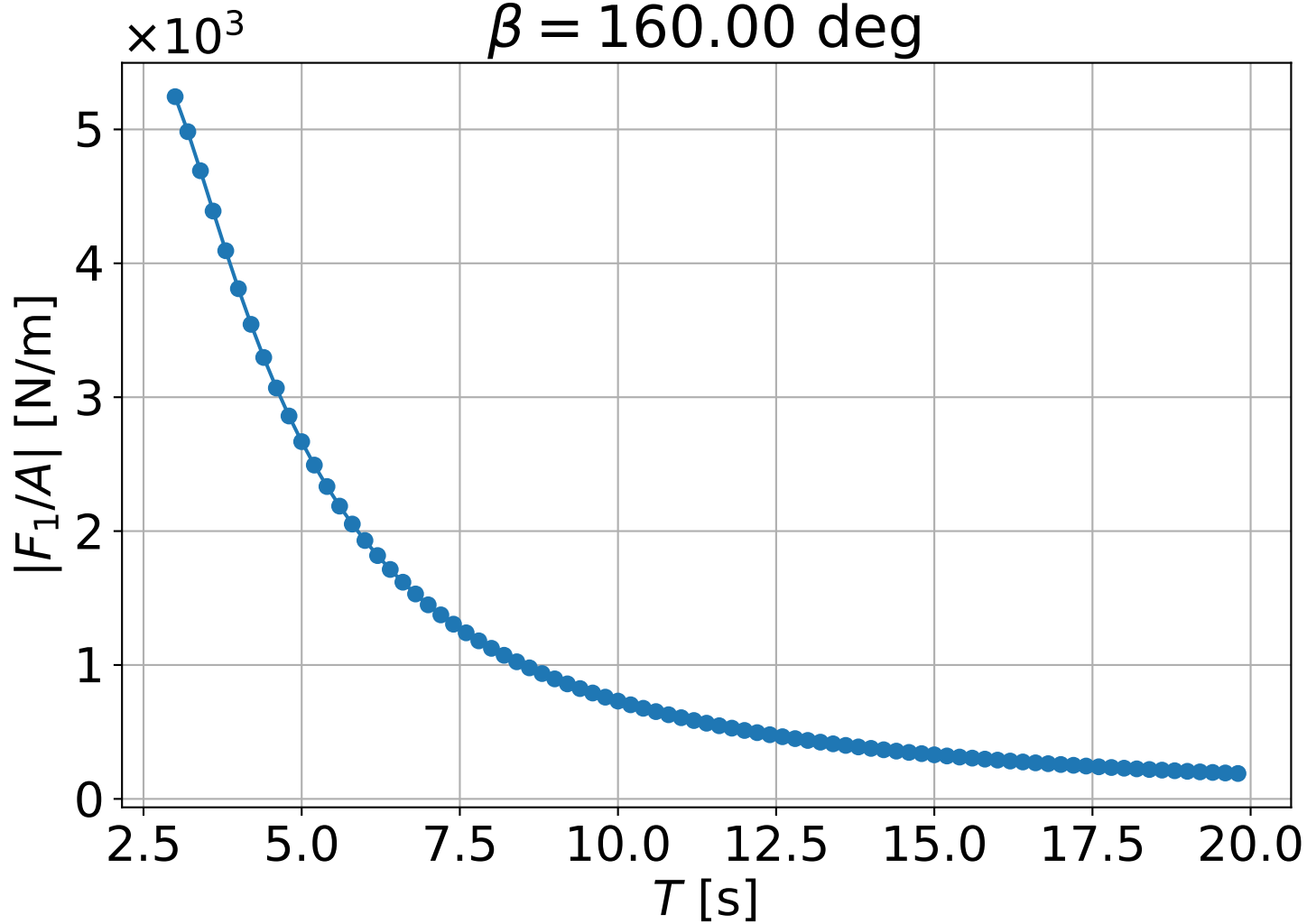
$\beta = 150.00$ deg



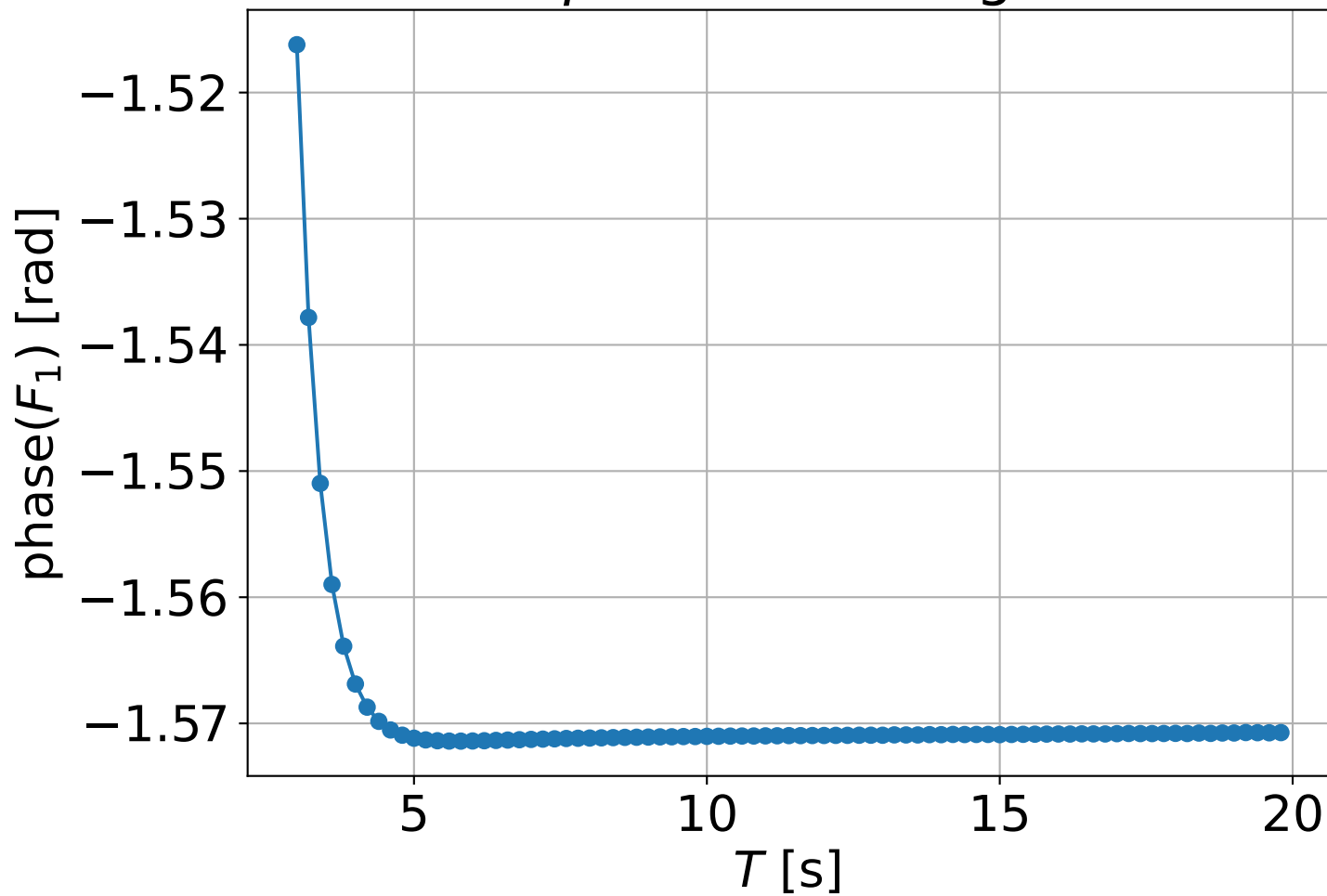
$\beta = 150.00$ deg



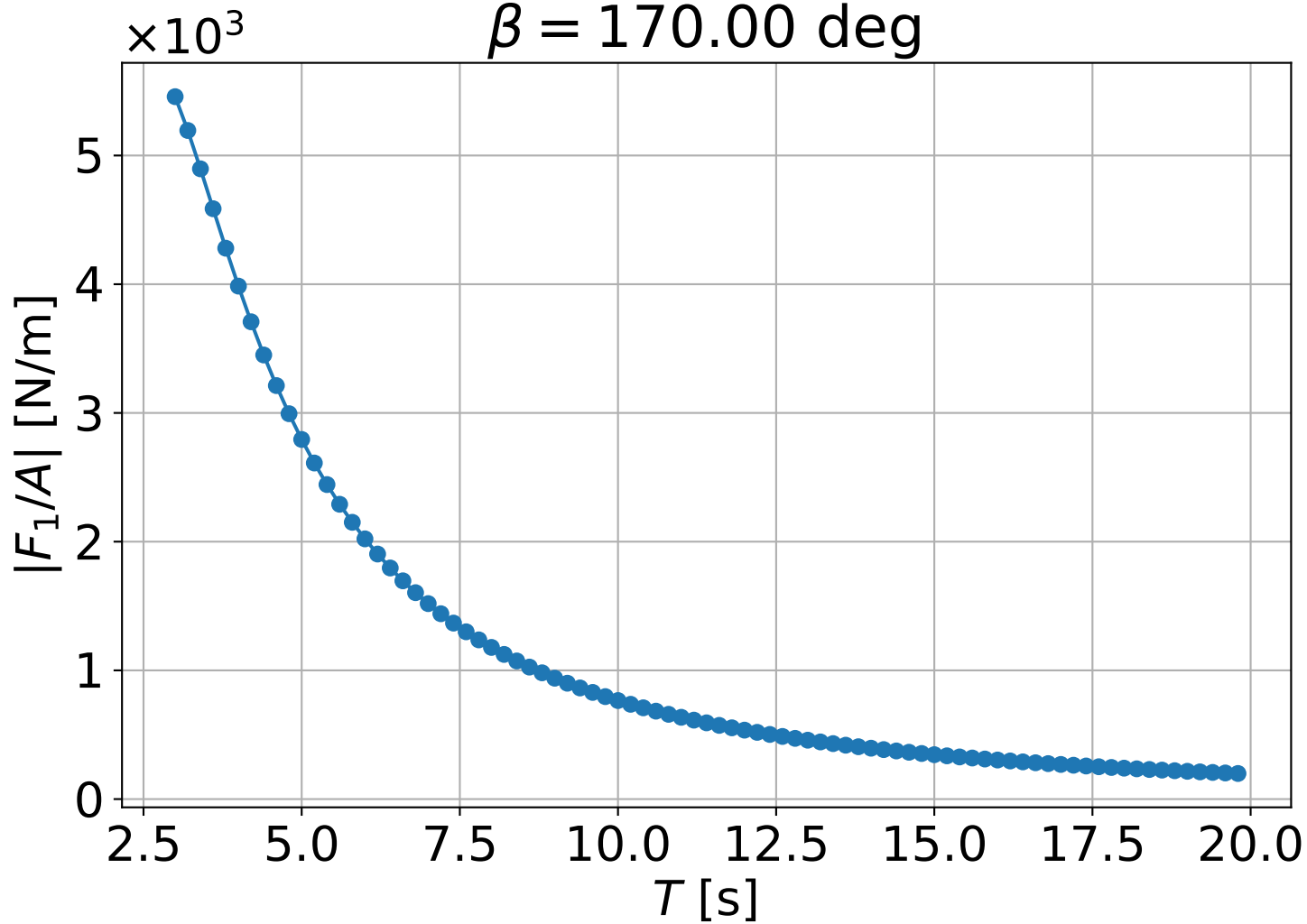
$\beta = 160.00$ deg



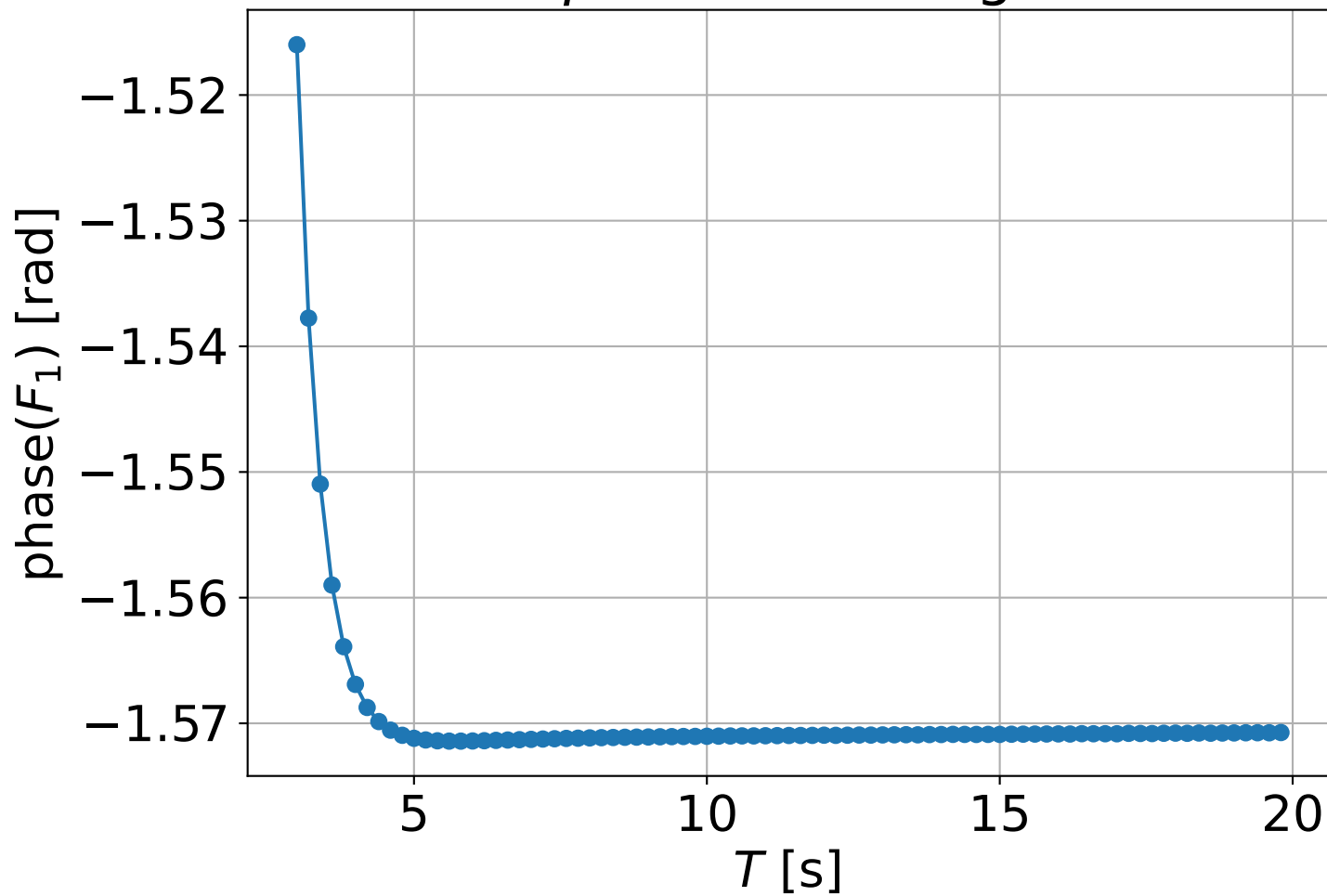
$\beta = 160.00$ deg



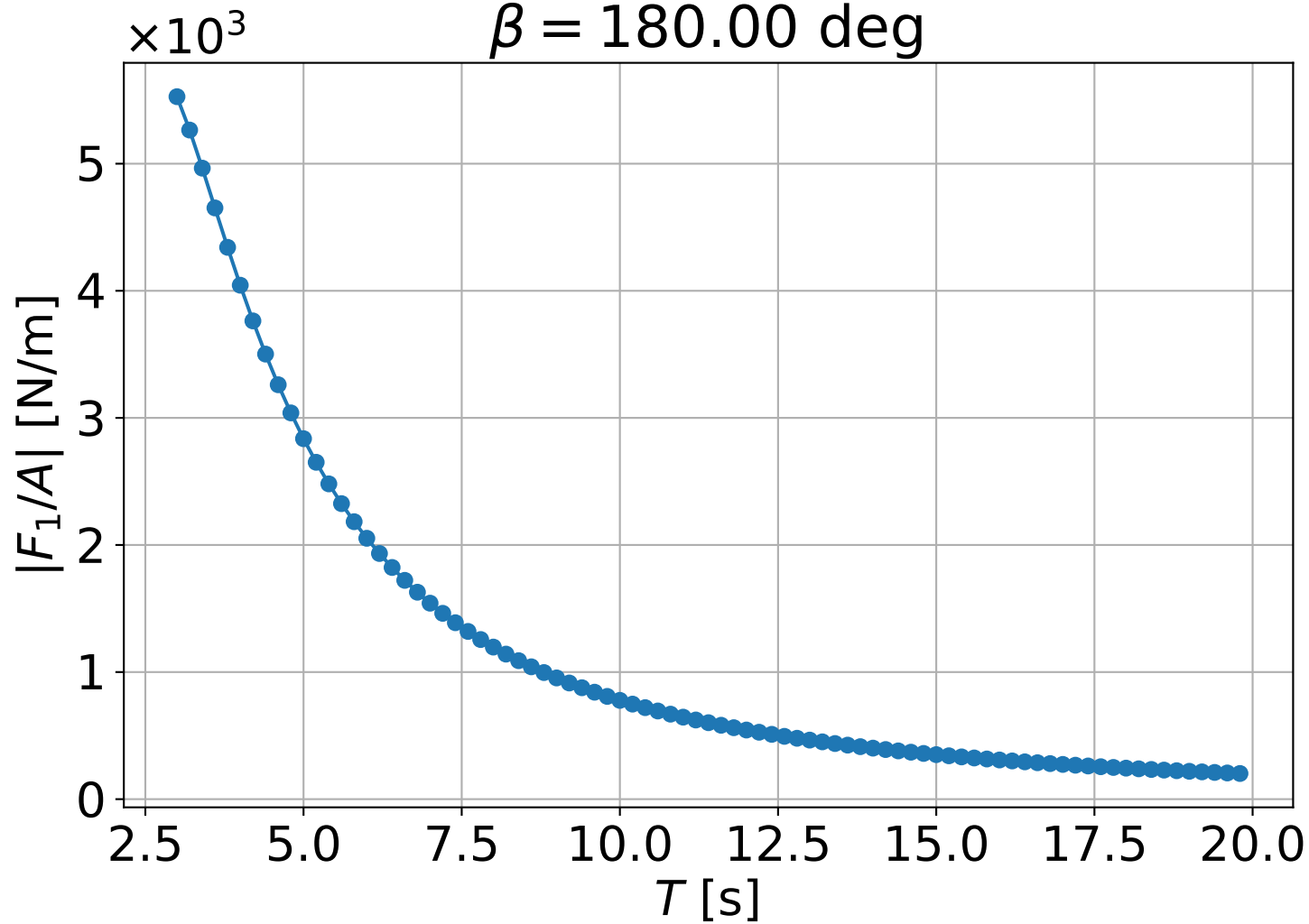
$\beta = 170.00$ deg



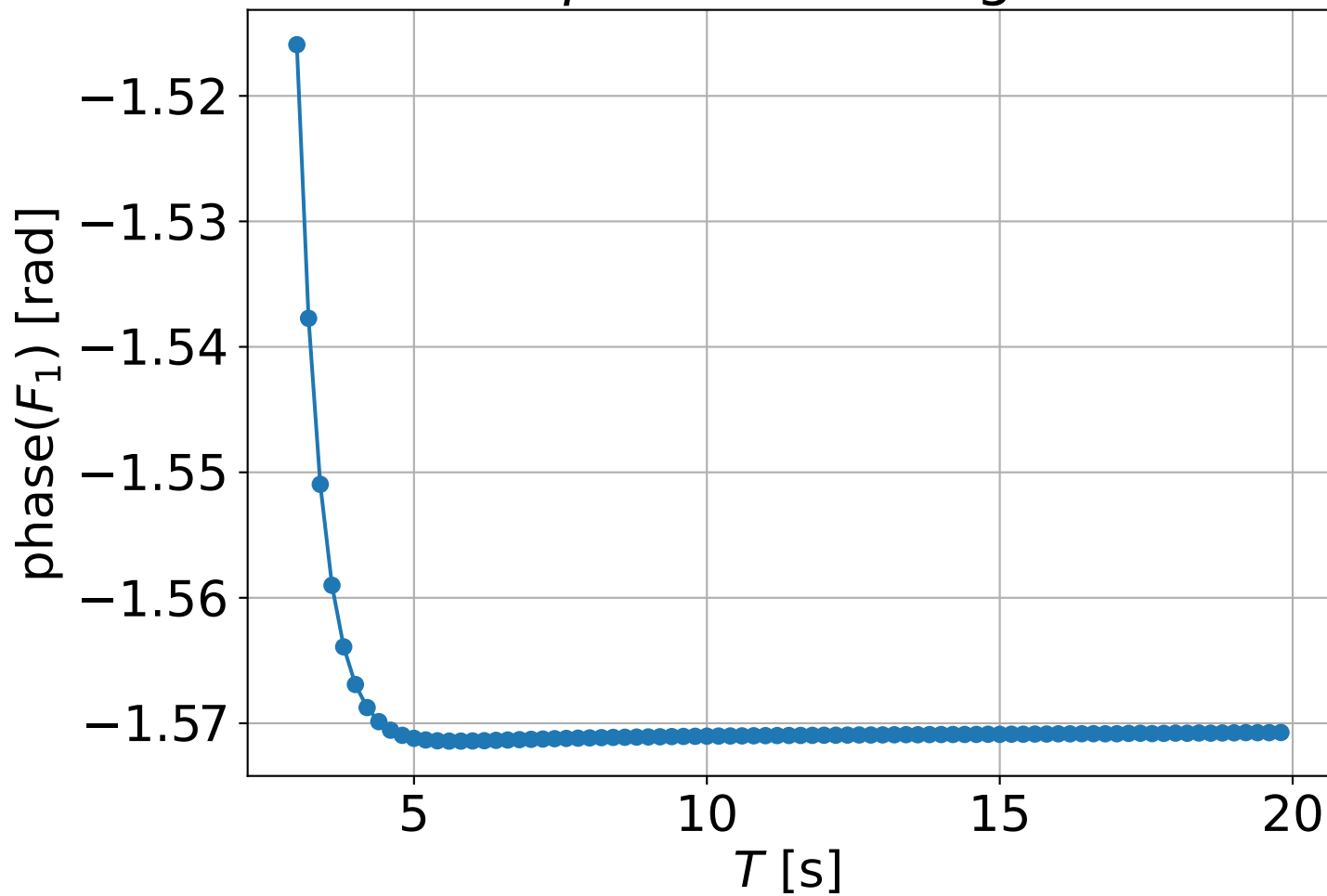
$\beta = 170.00$ deg

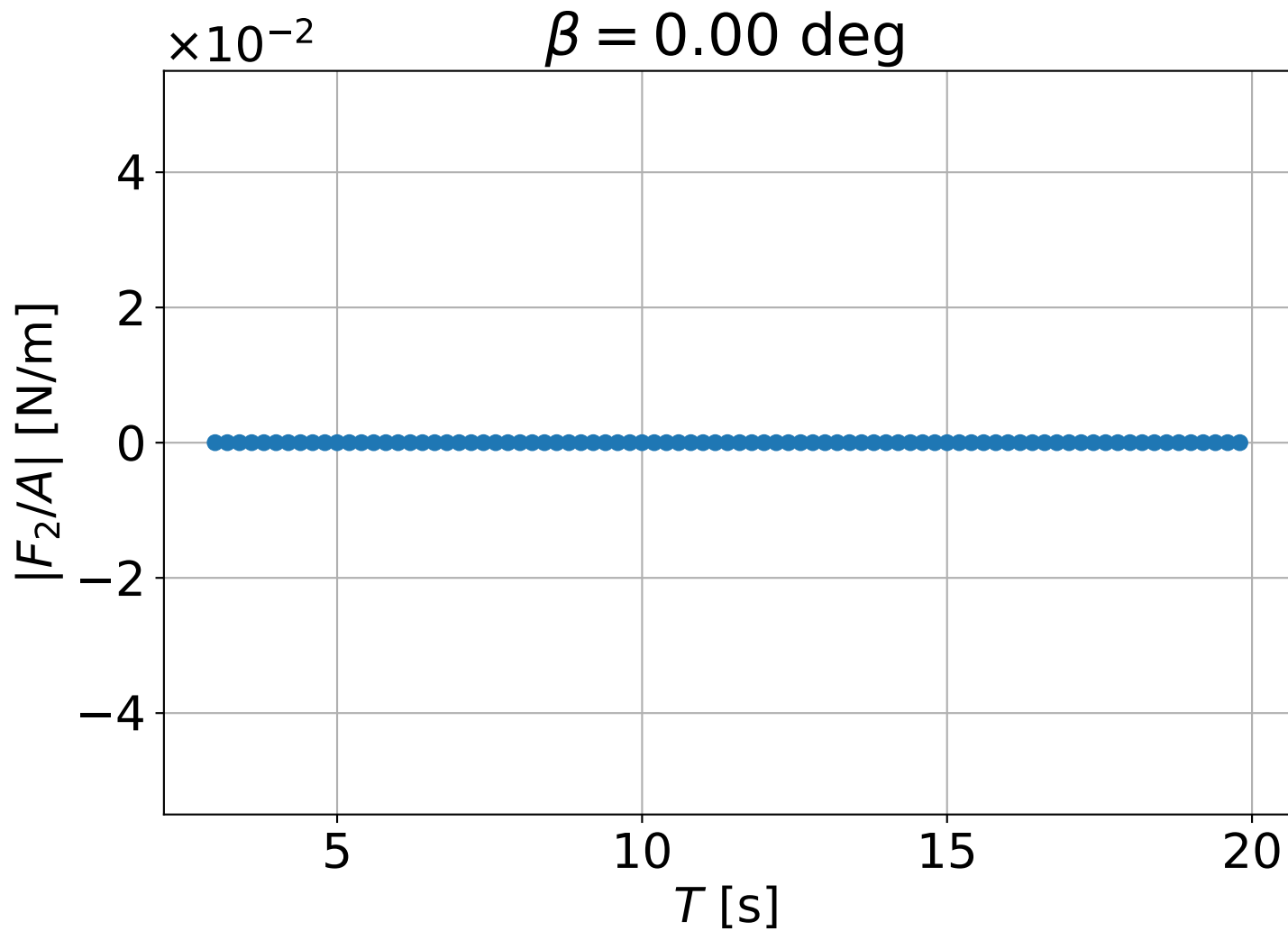


$\beta = 180.00$ deg

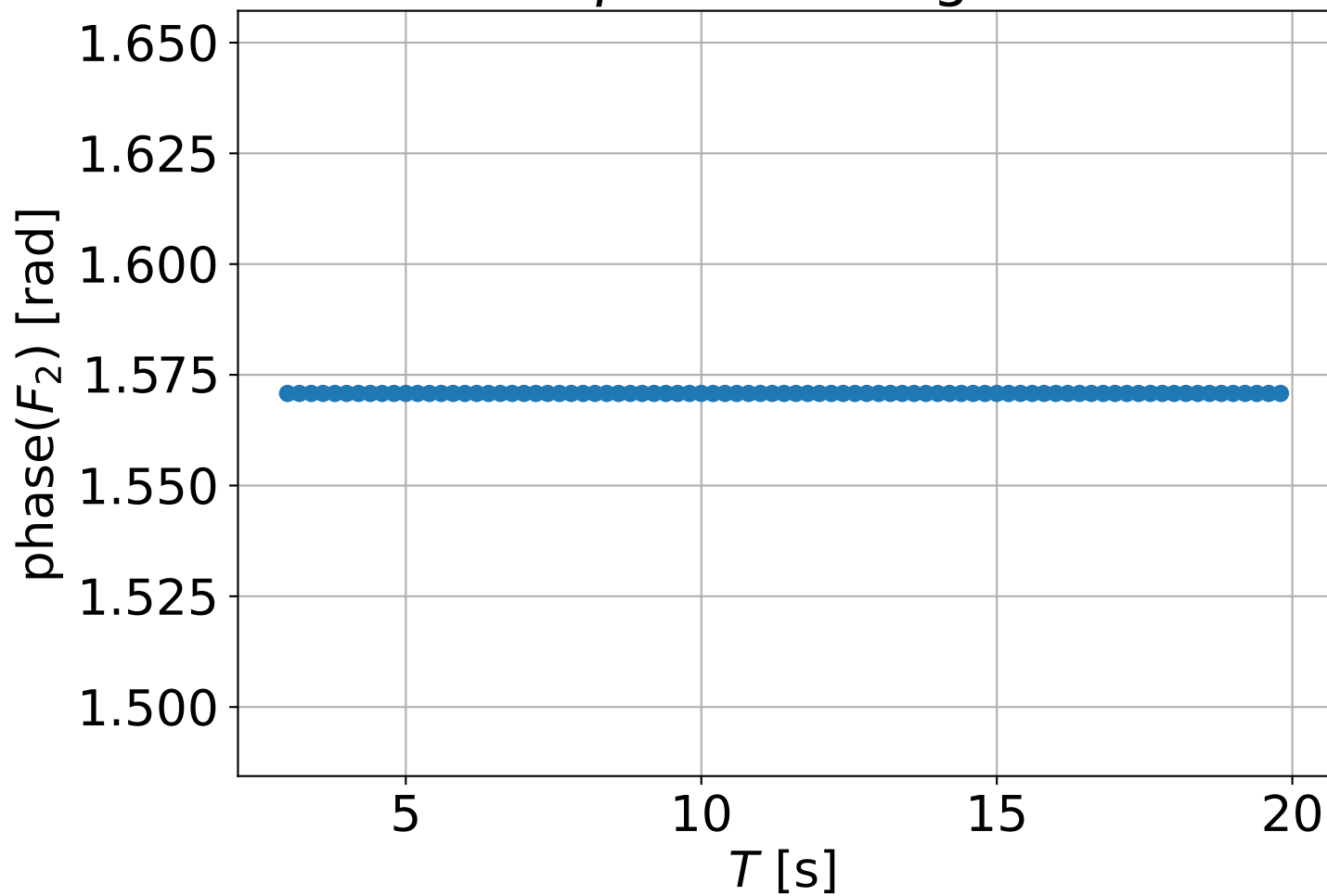


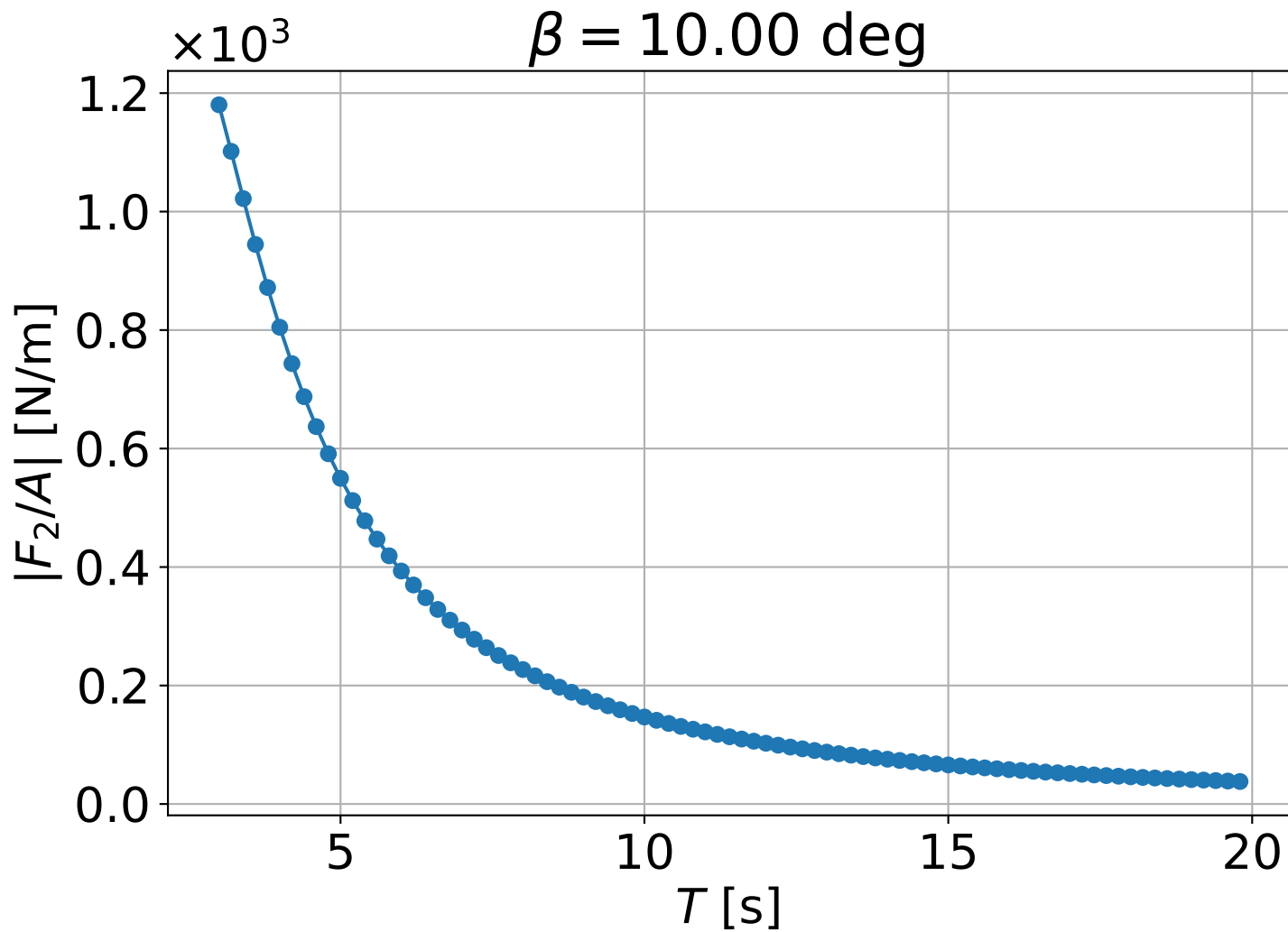
$\beta = 180.00$ deg



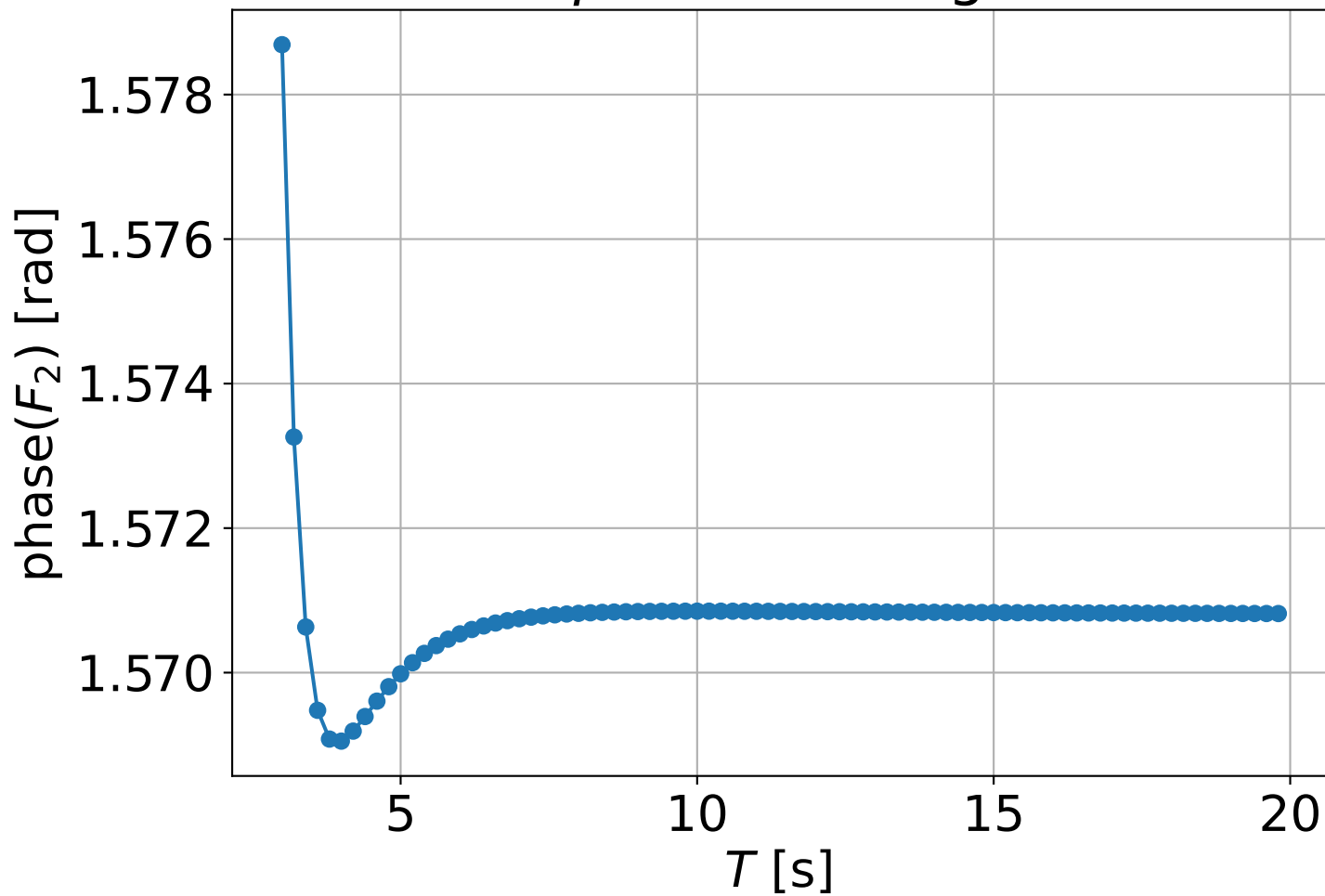


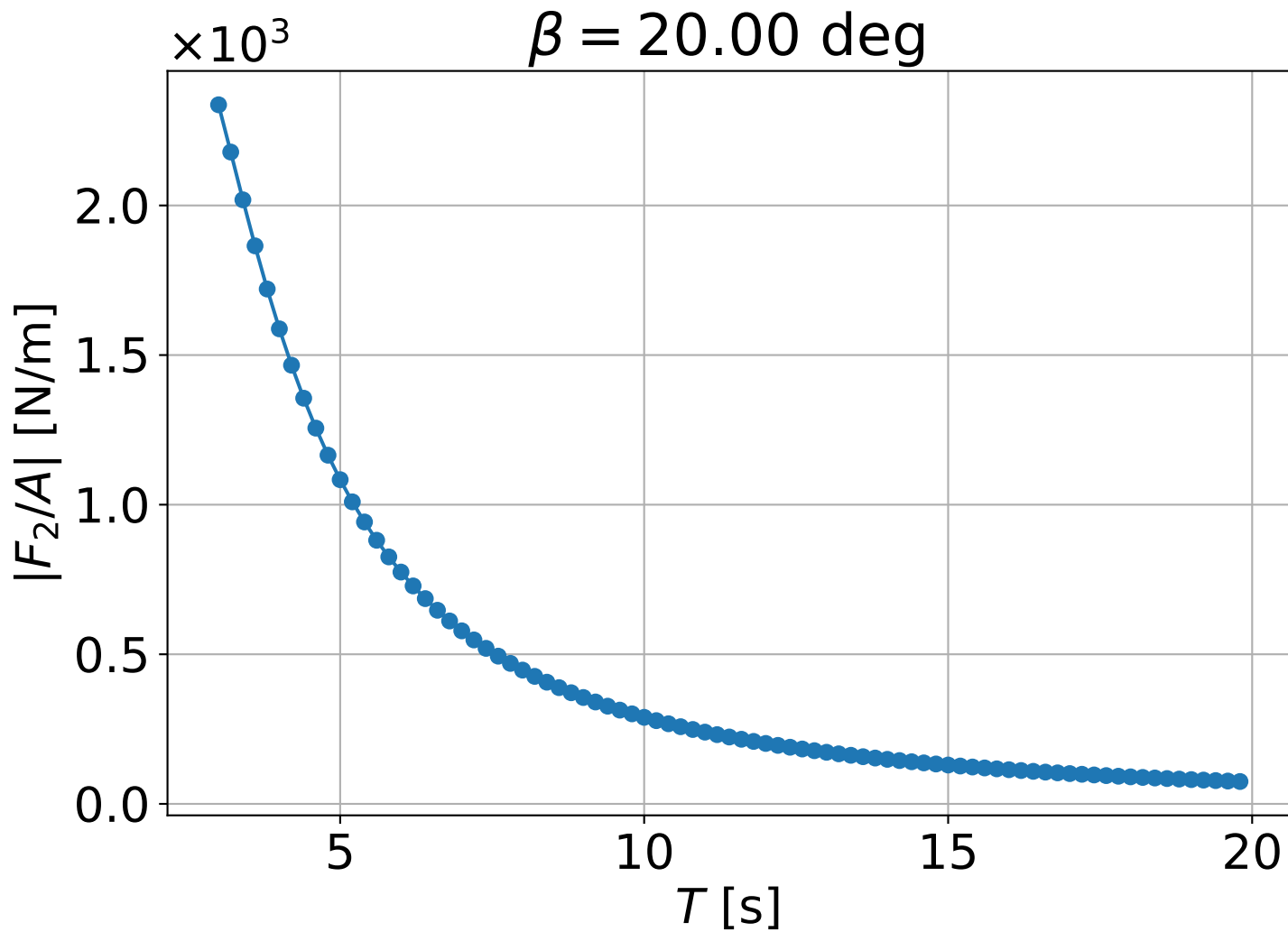
$\beta = 0.00$ deg



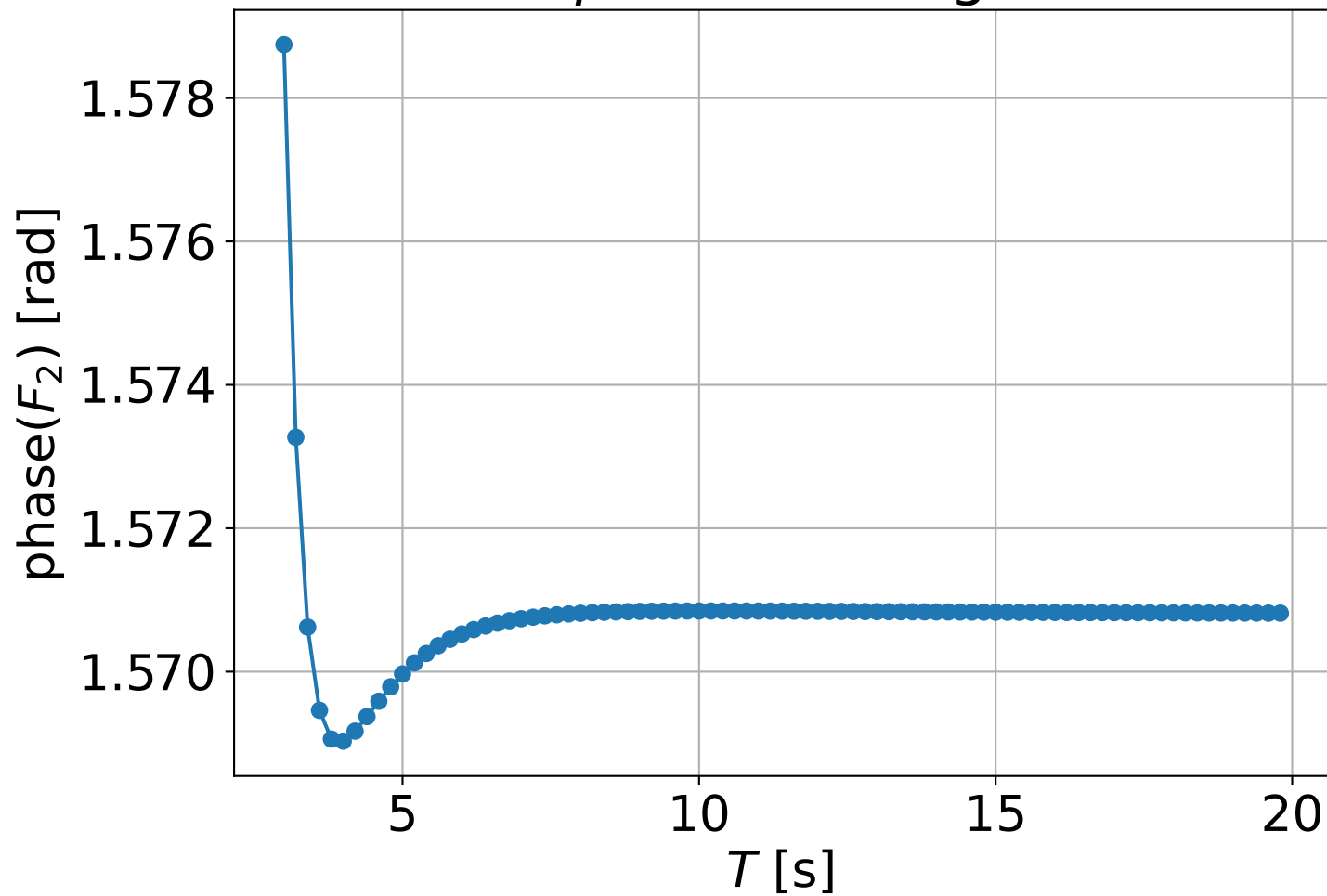


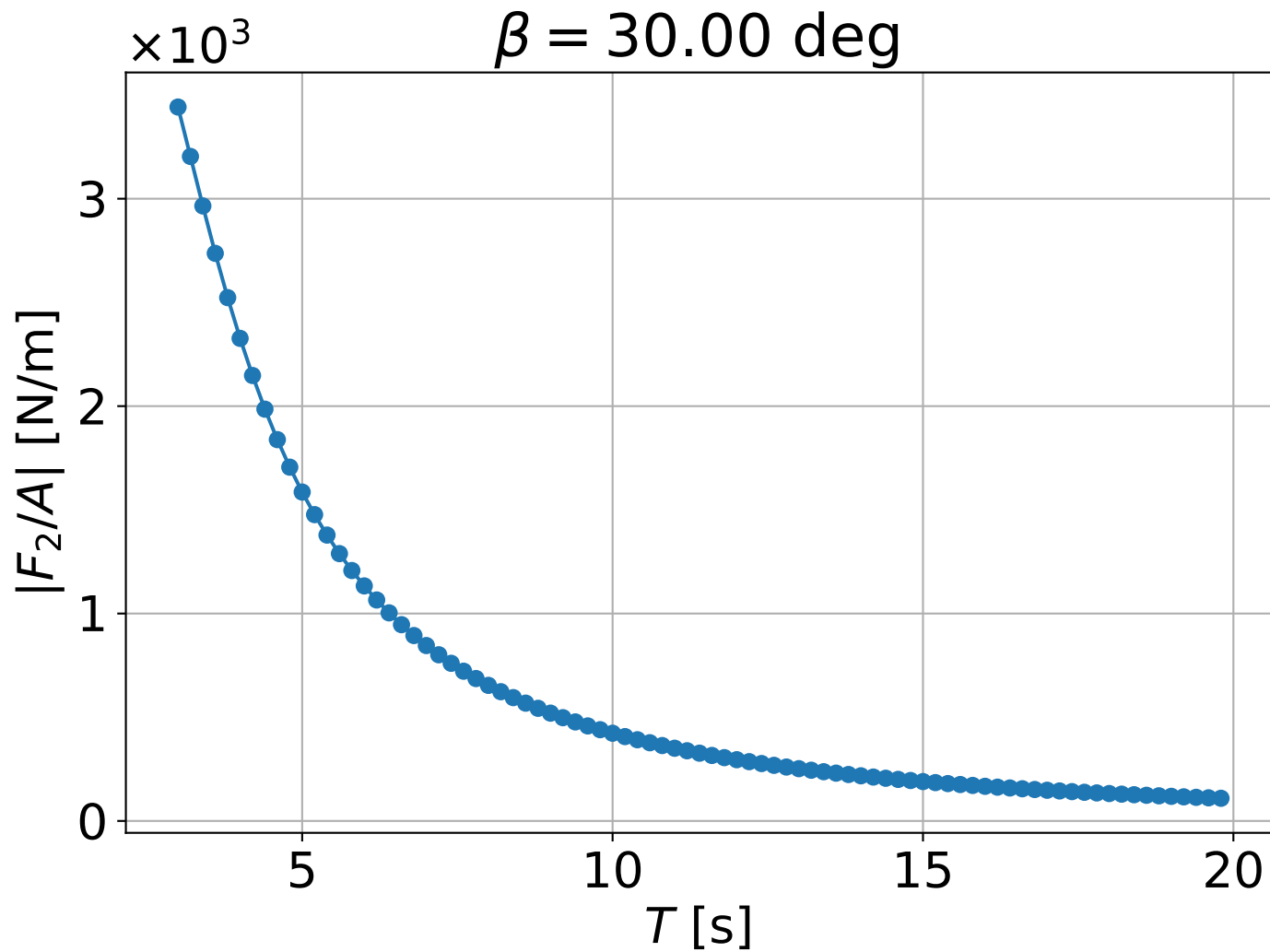
$\beta = 10.00$ deg



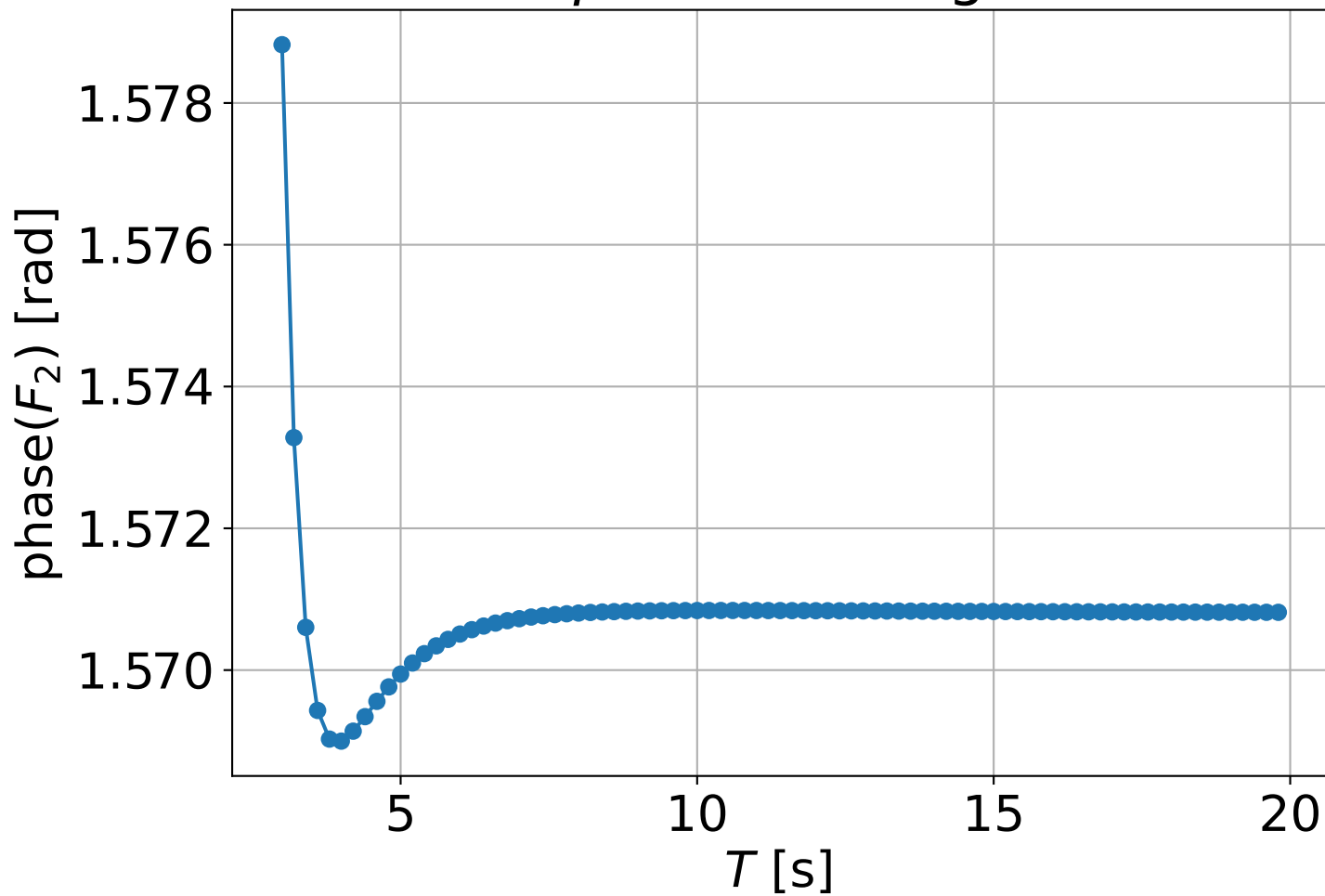


$\beta = 20.00$ deg

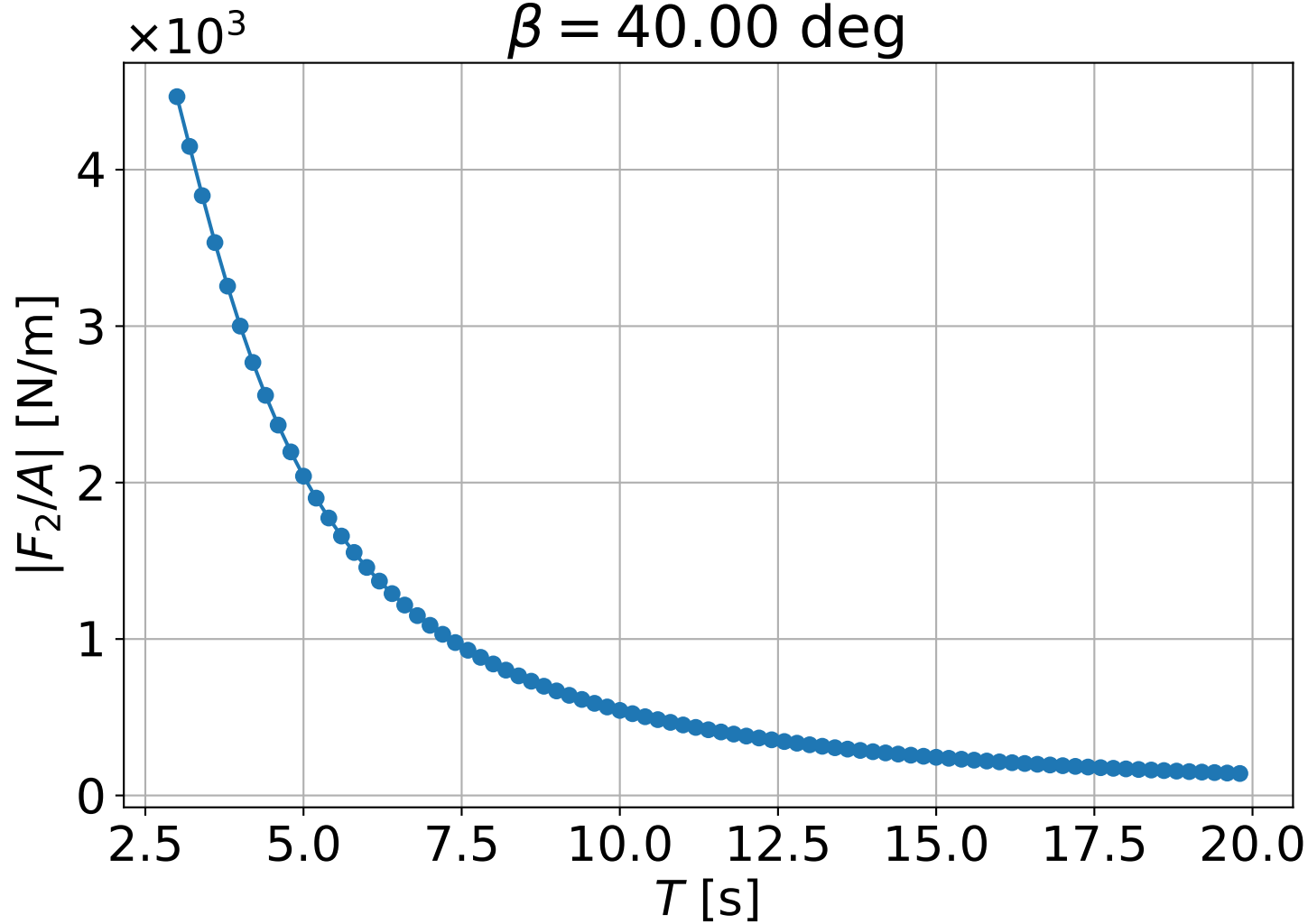




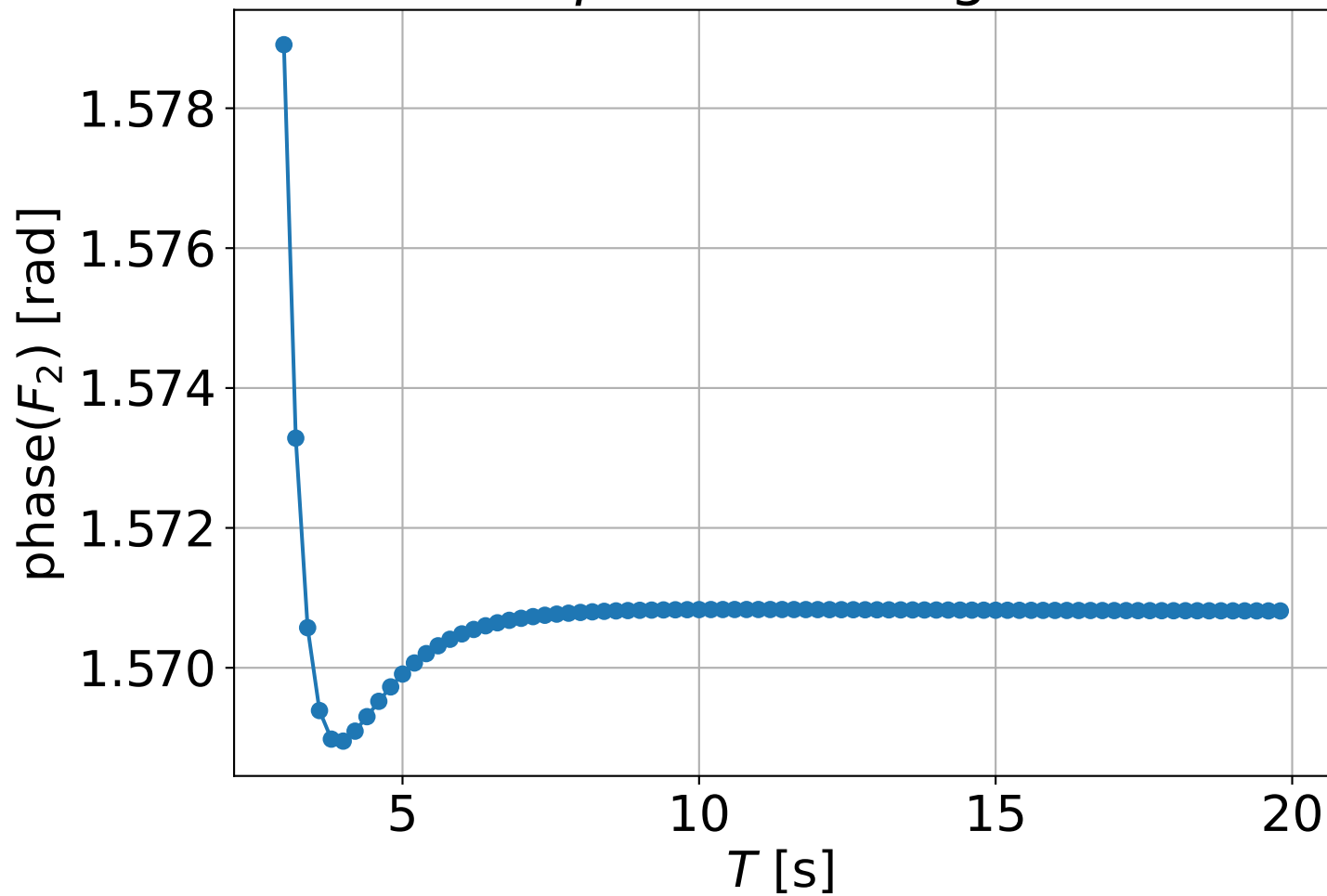
$\beta = 30.00$ deg



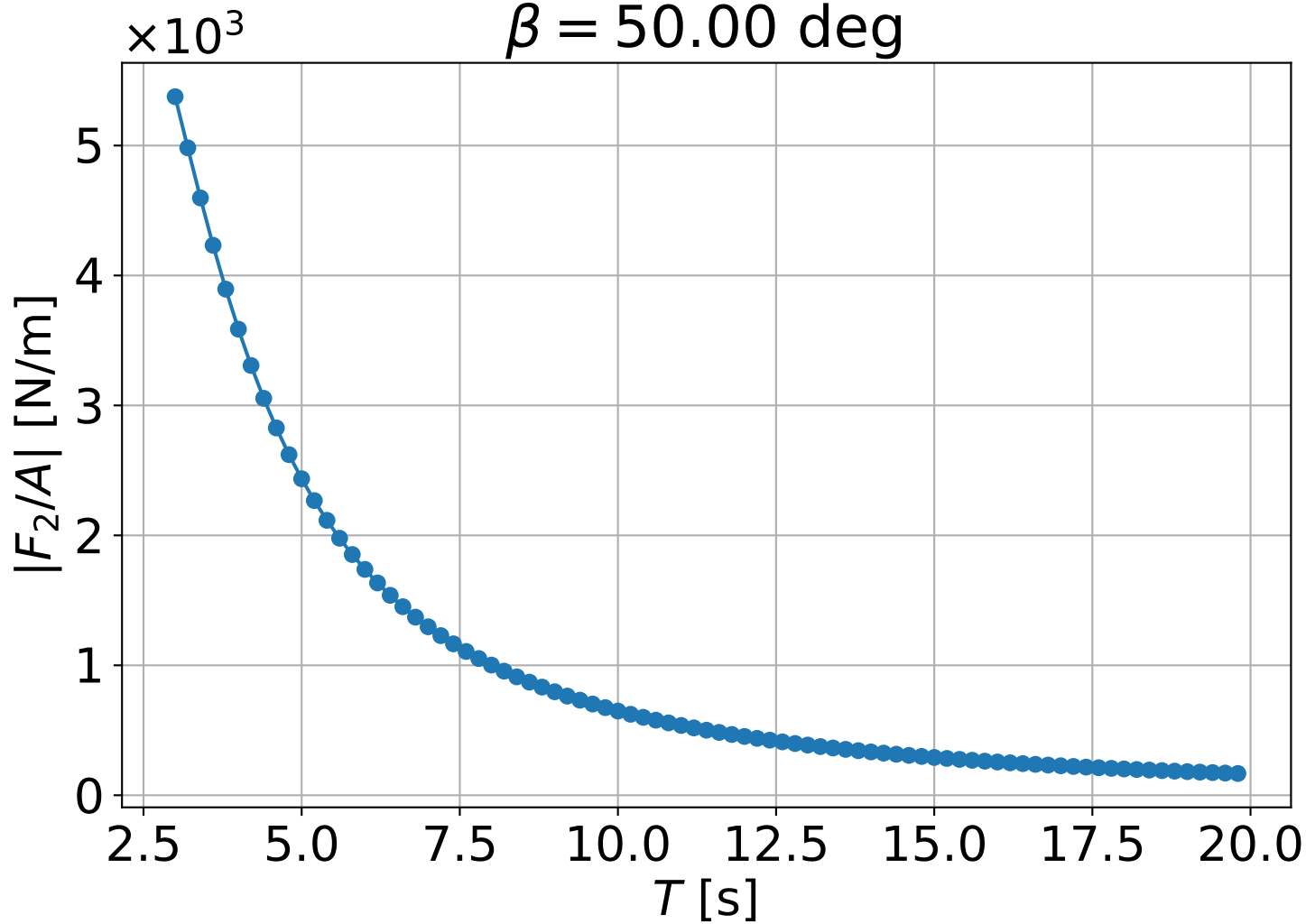
$\beta = 40.00$ deg



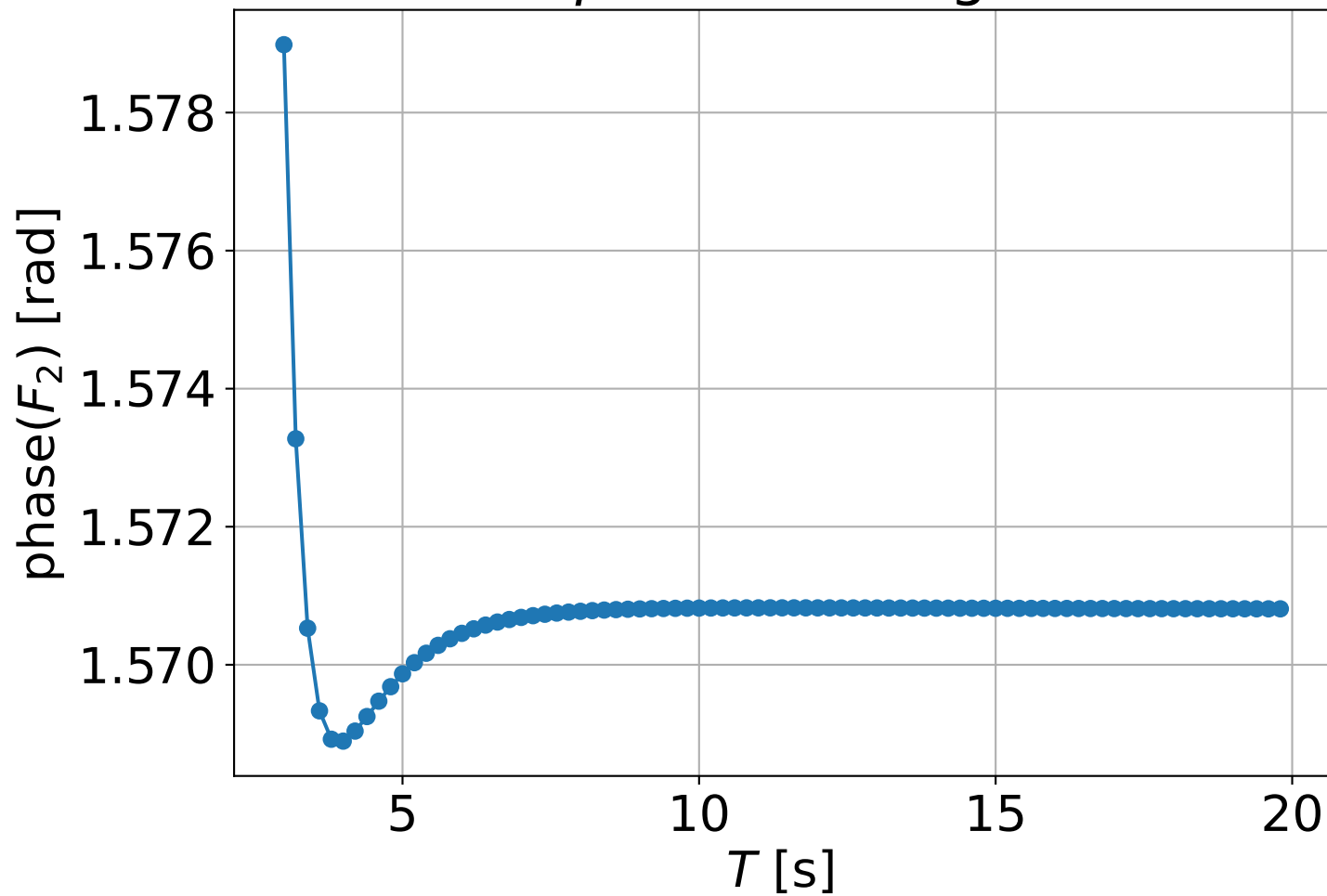
$\beta = 40.00$ deg



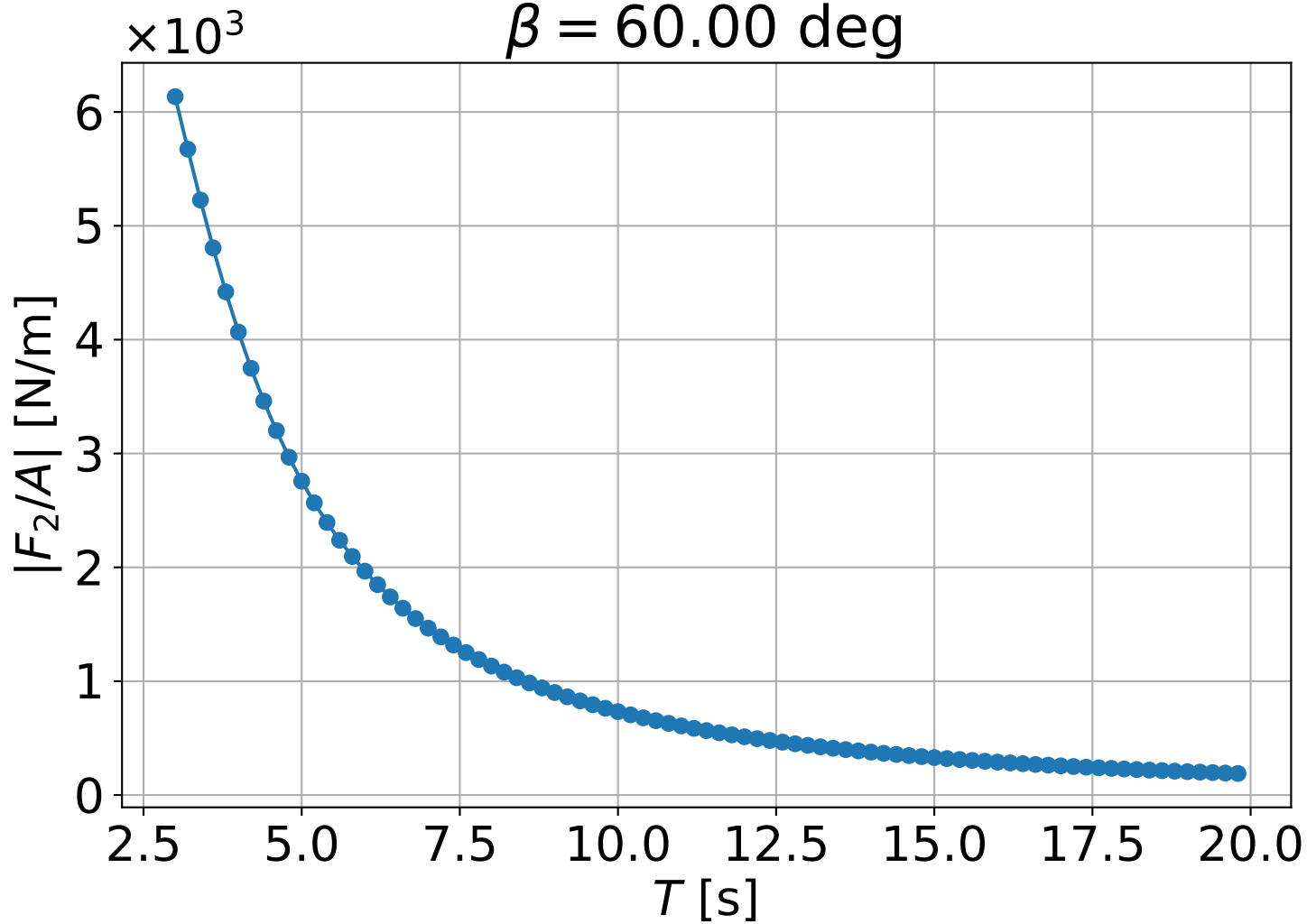
$\beta = 50.00$ deg



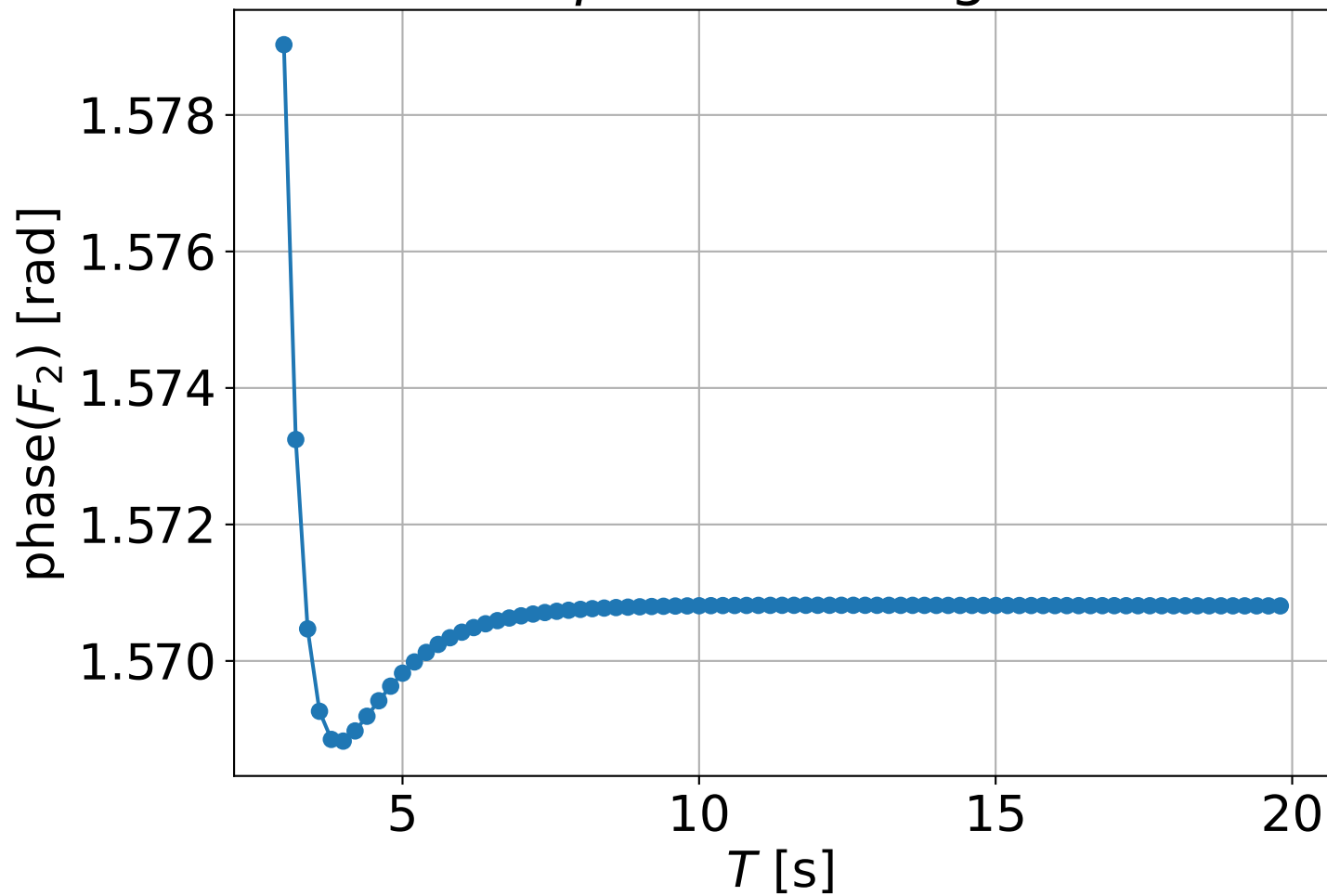
$\beta = 50.00$ deg



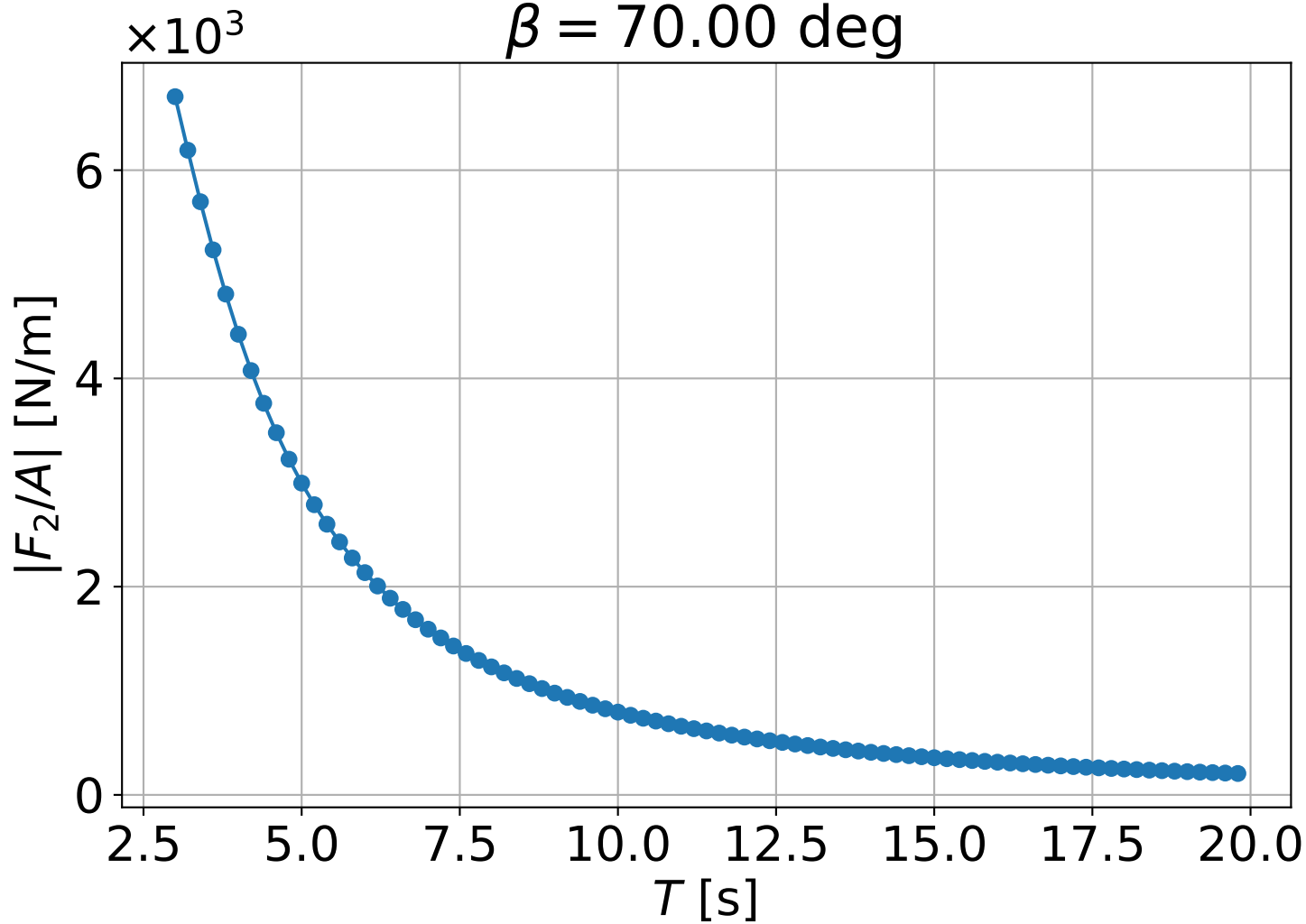
$\beta = 60.00$ deg



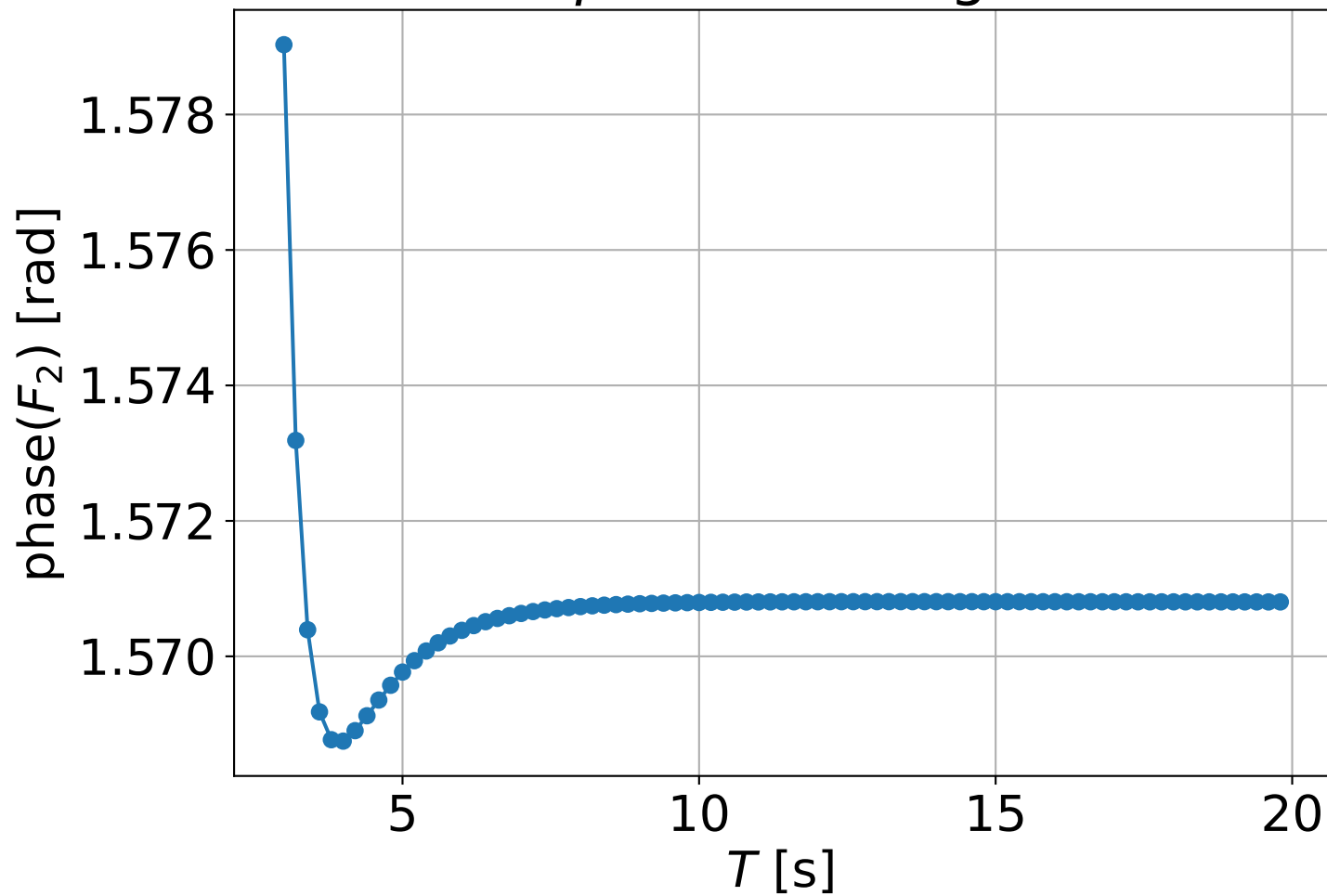
$\beta = 60.00$ deg



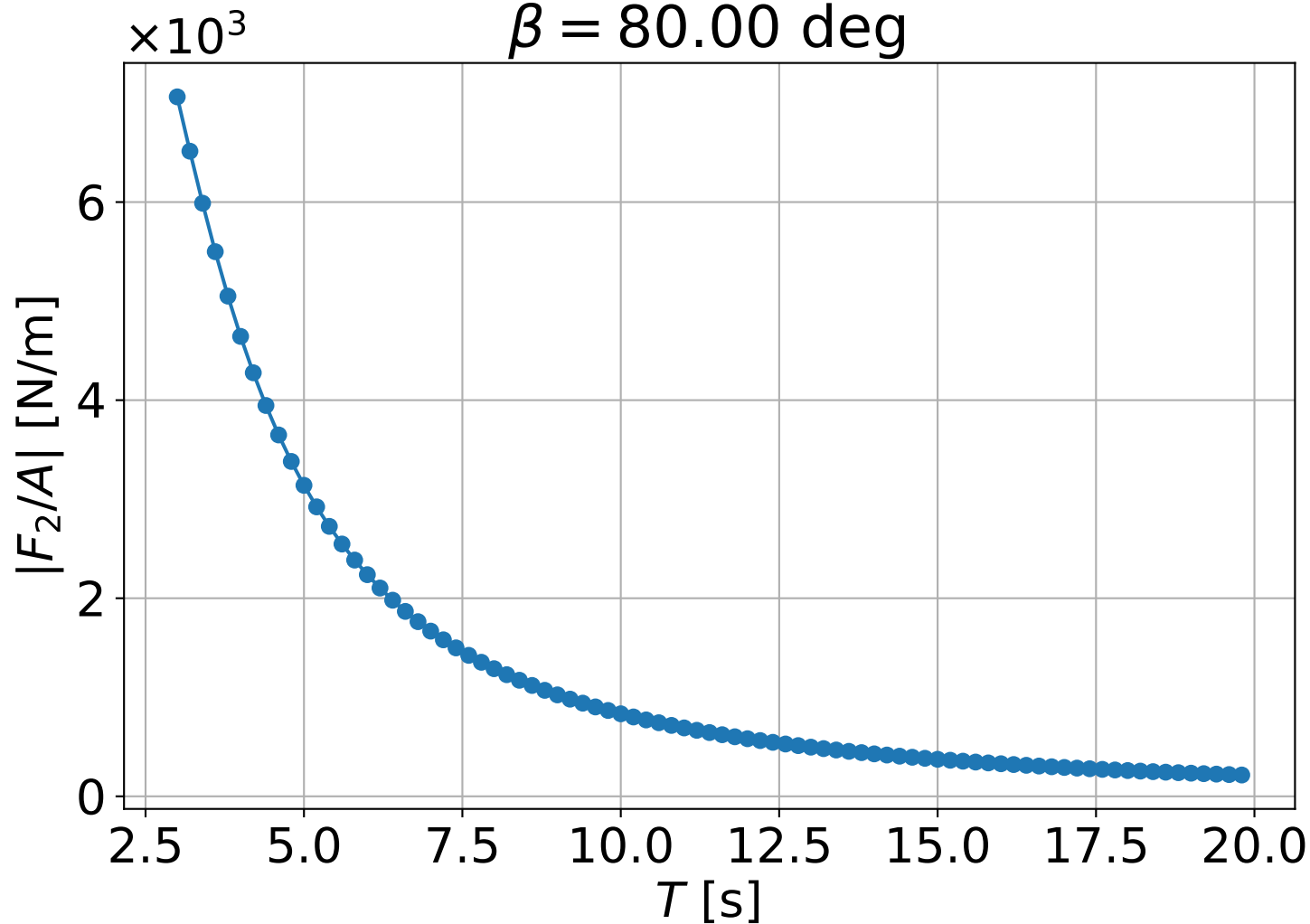
$\beta = 70.00$ deg



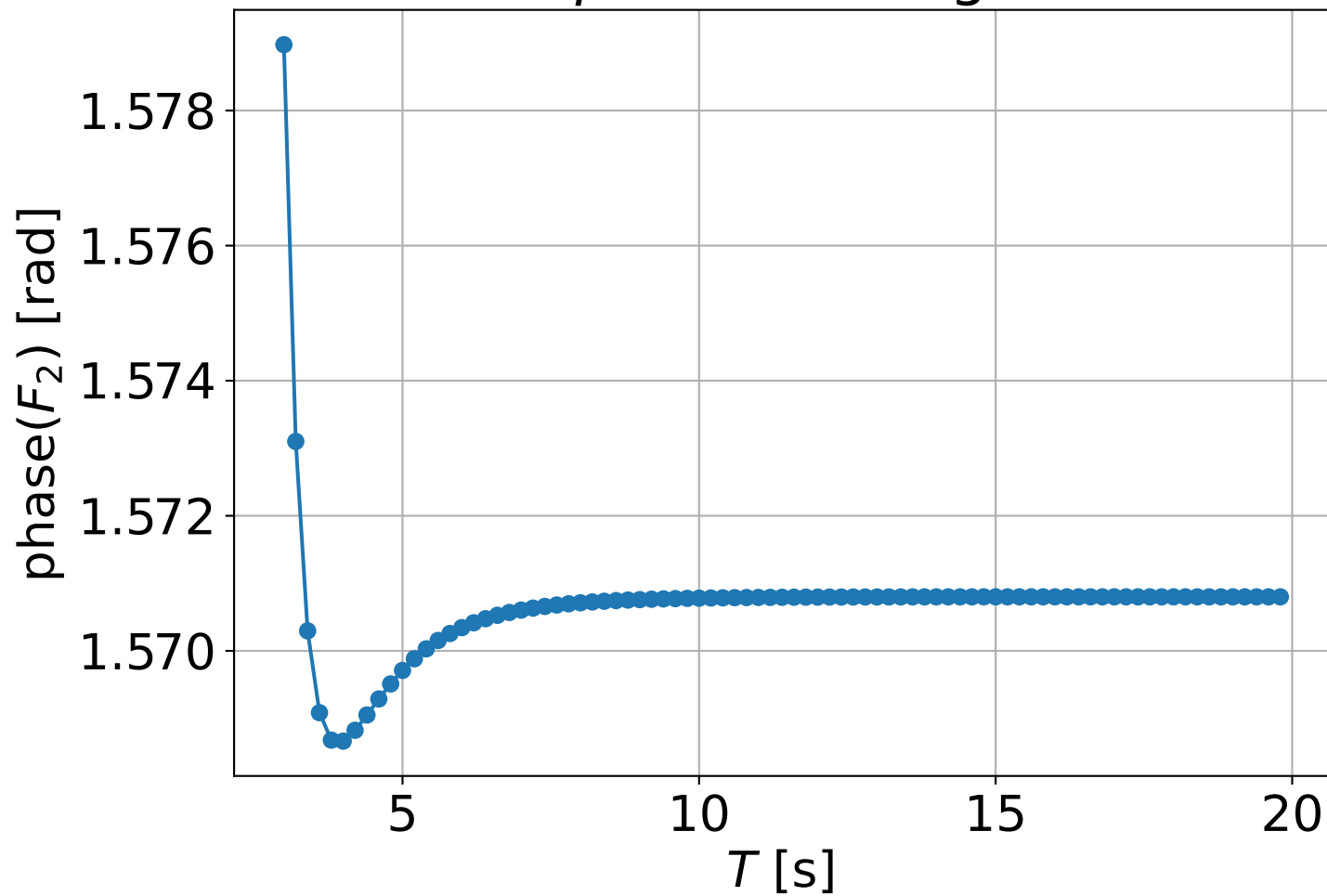
$\beta = 70.00$ deg



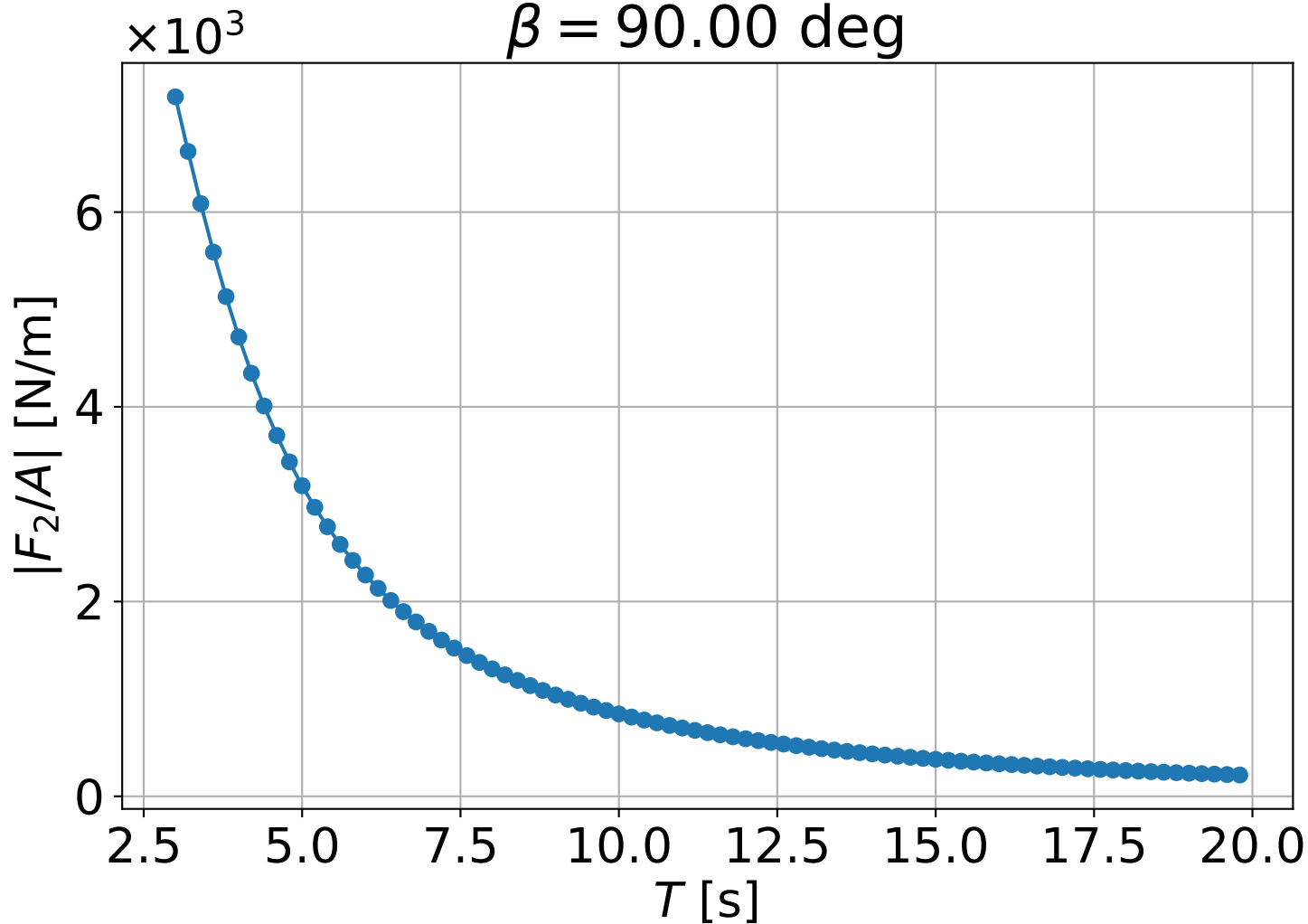
$\beta = 80.00$ deg



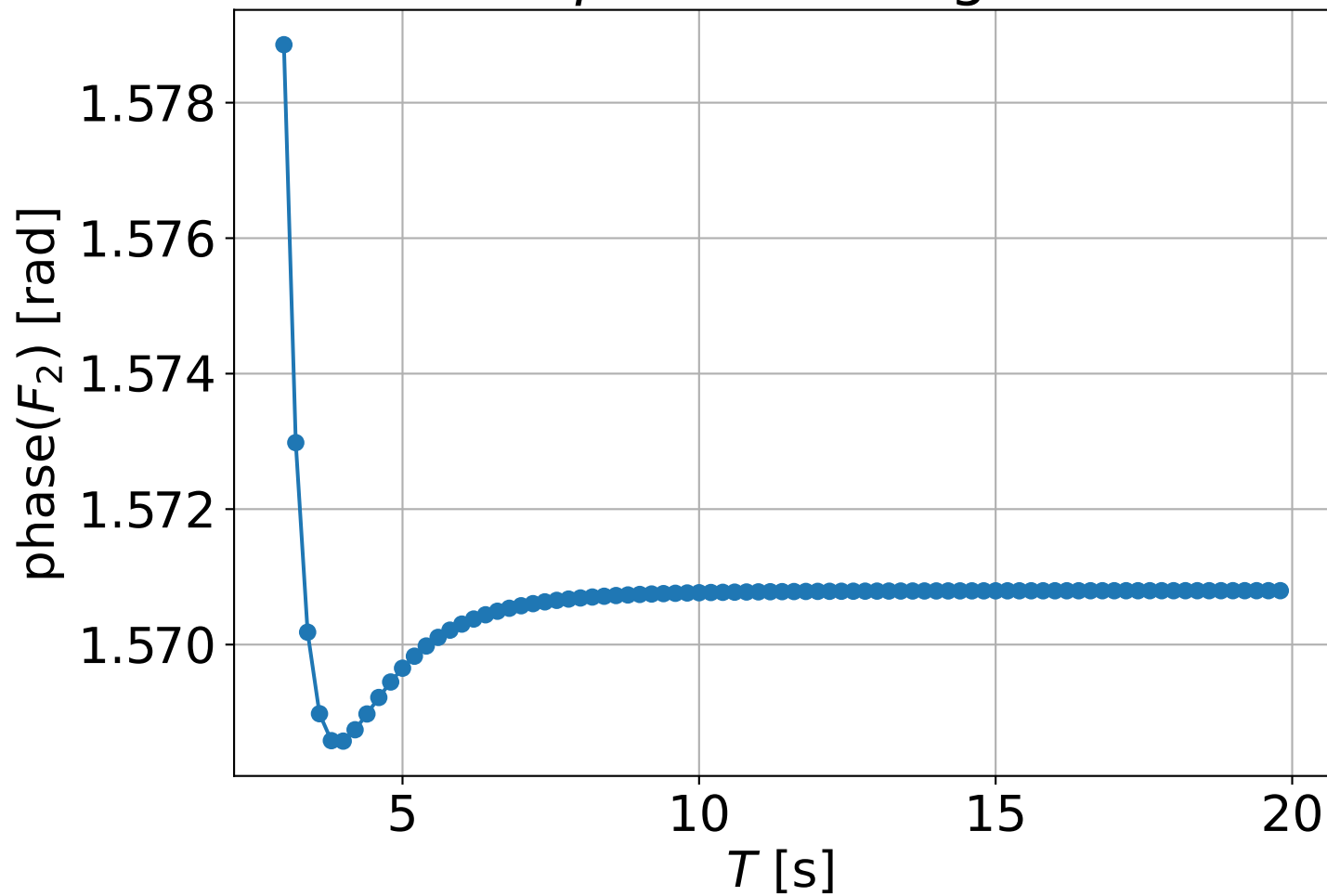
$\beta = 80.00$ deg



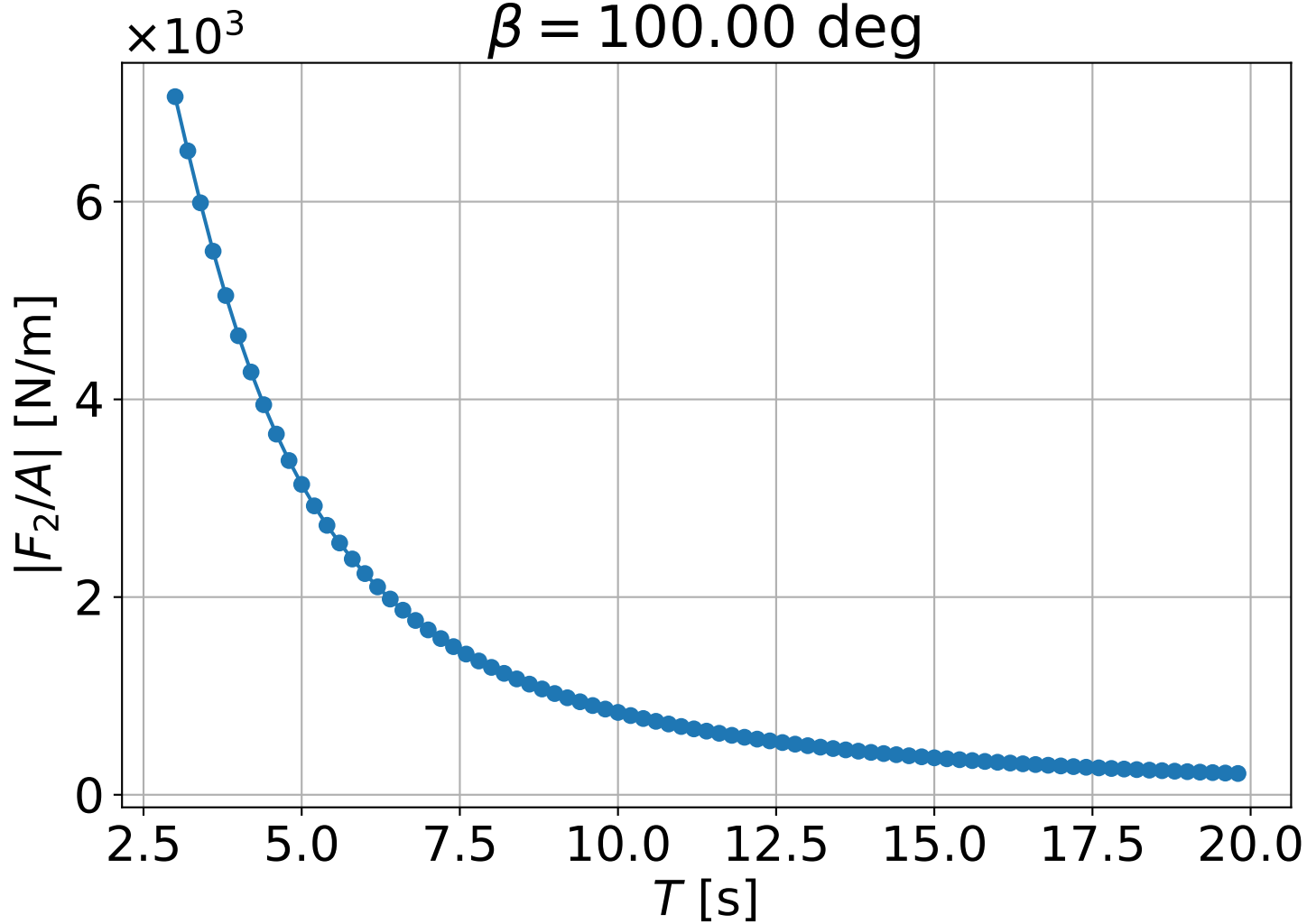
$\beta = 90.00$ deg



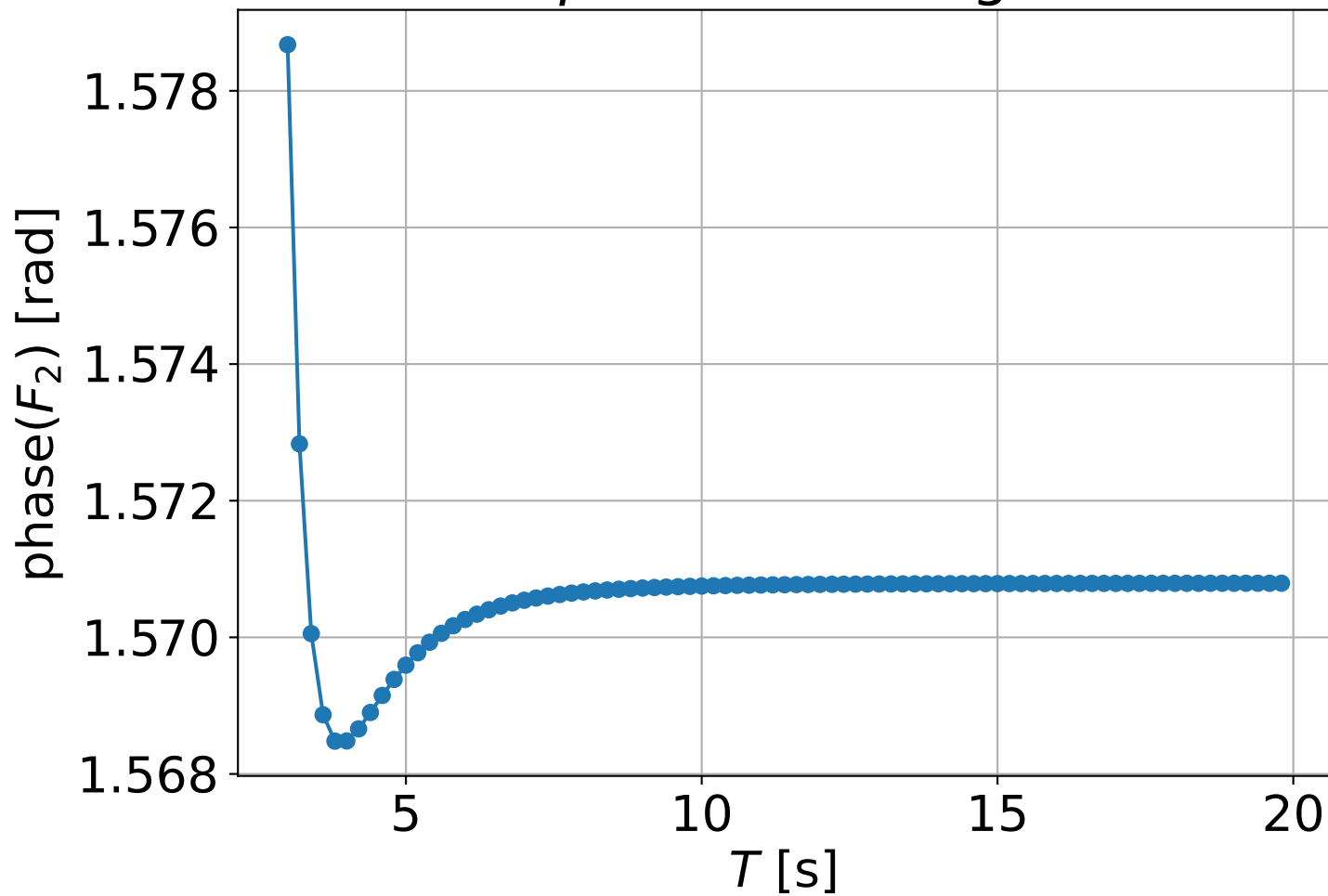
$\beta = 90.00$ deg



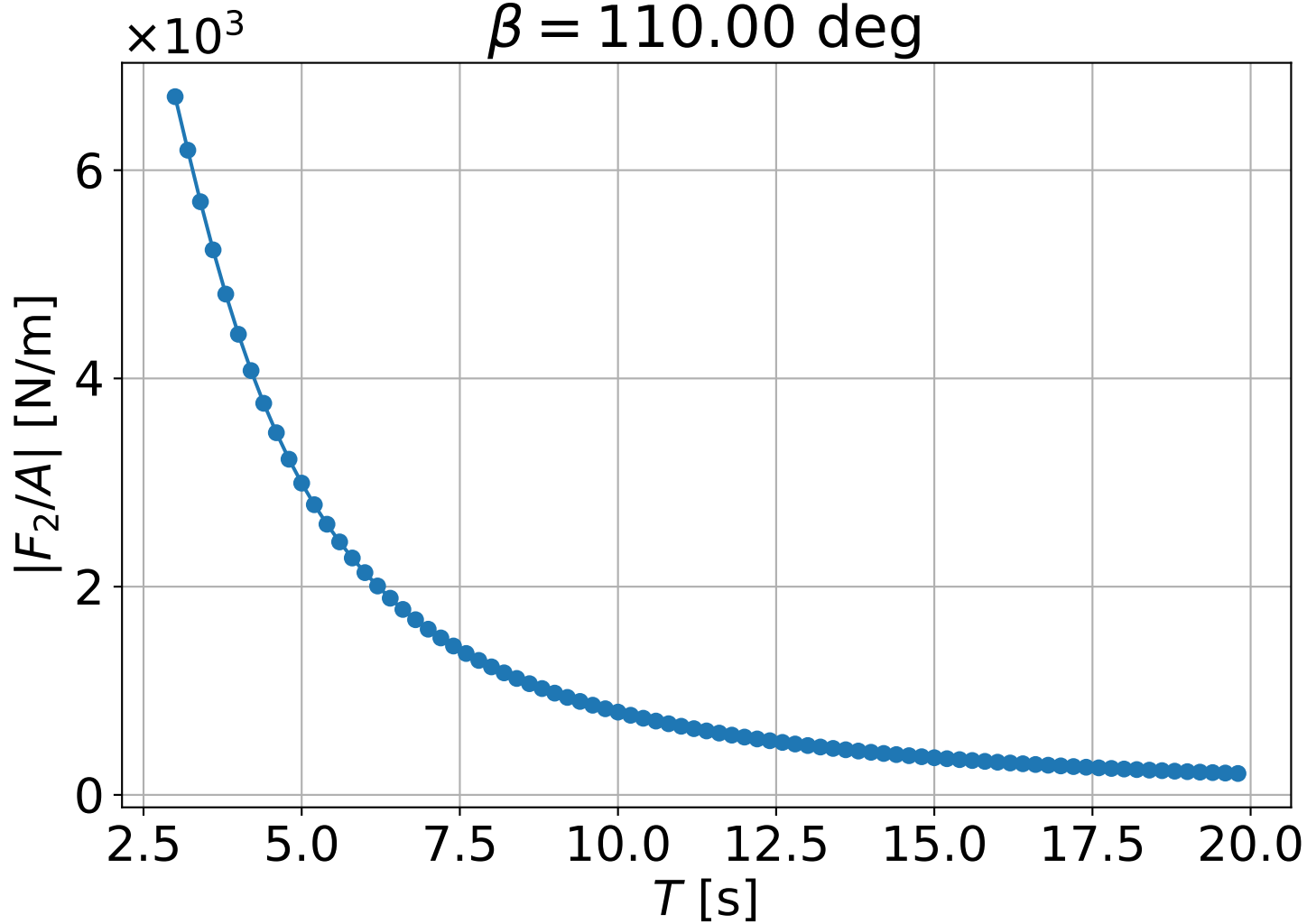
$\beta = 100.00$ deg



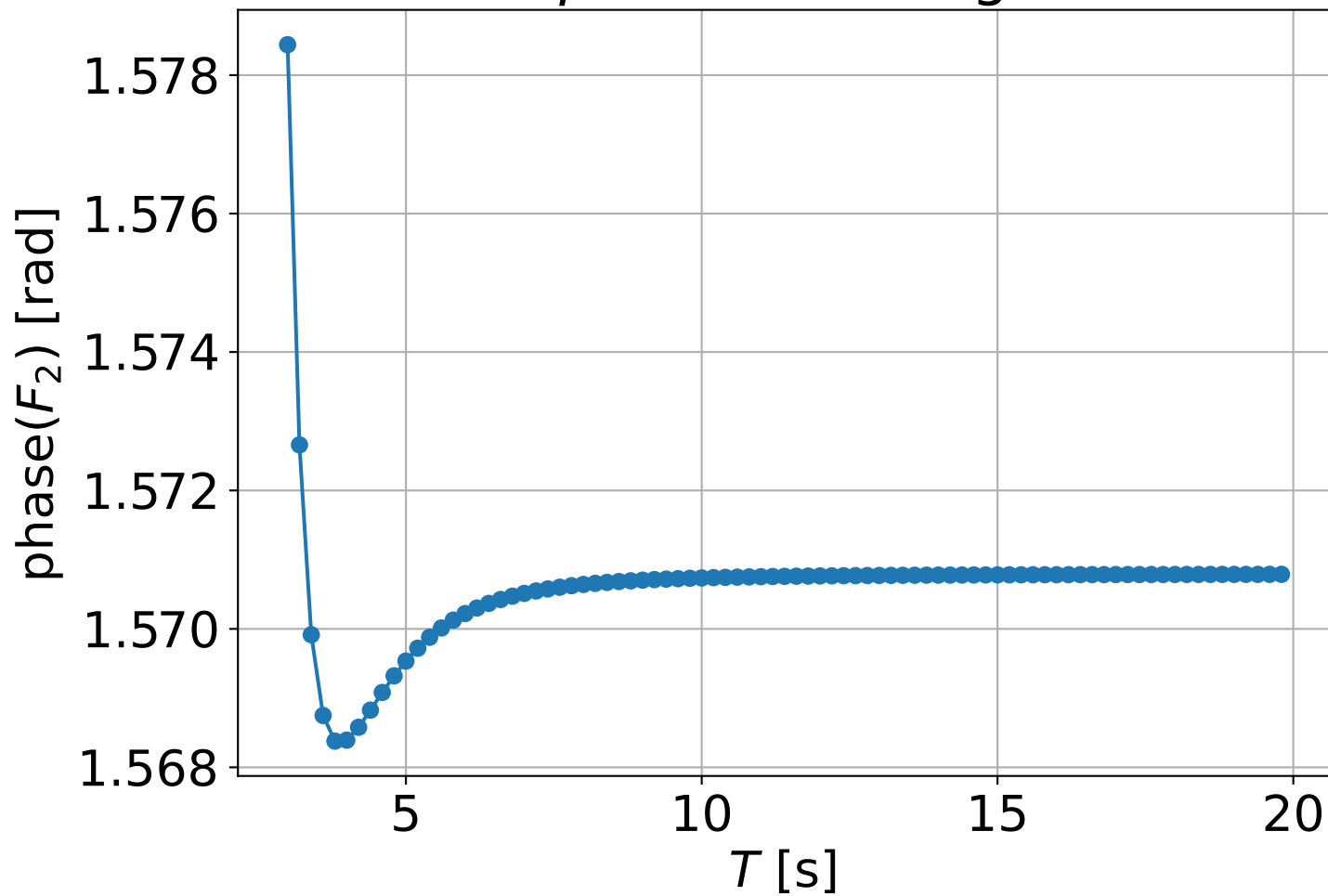
$\beta = 100.00$ deg



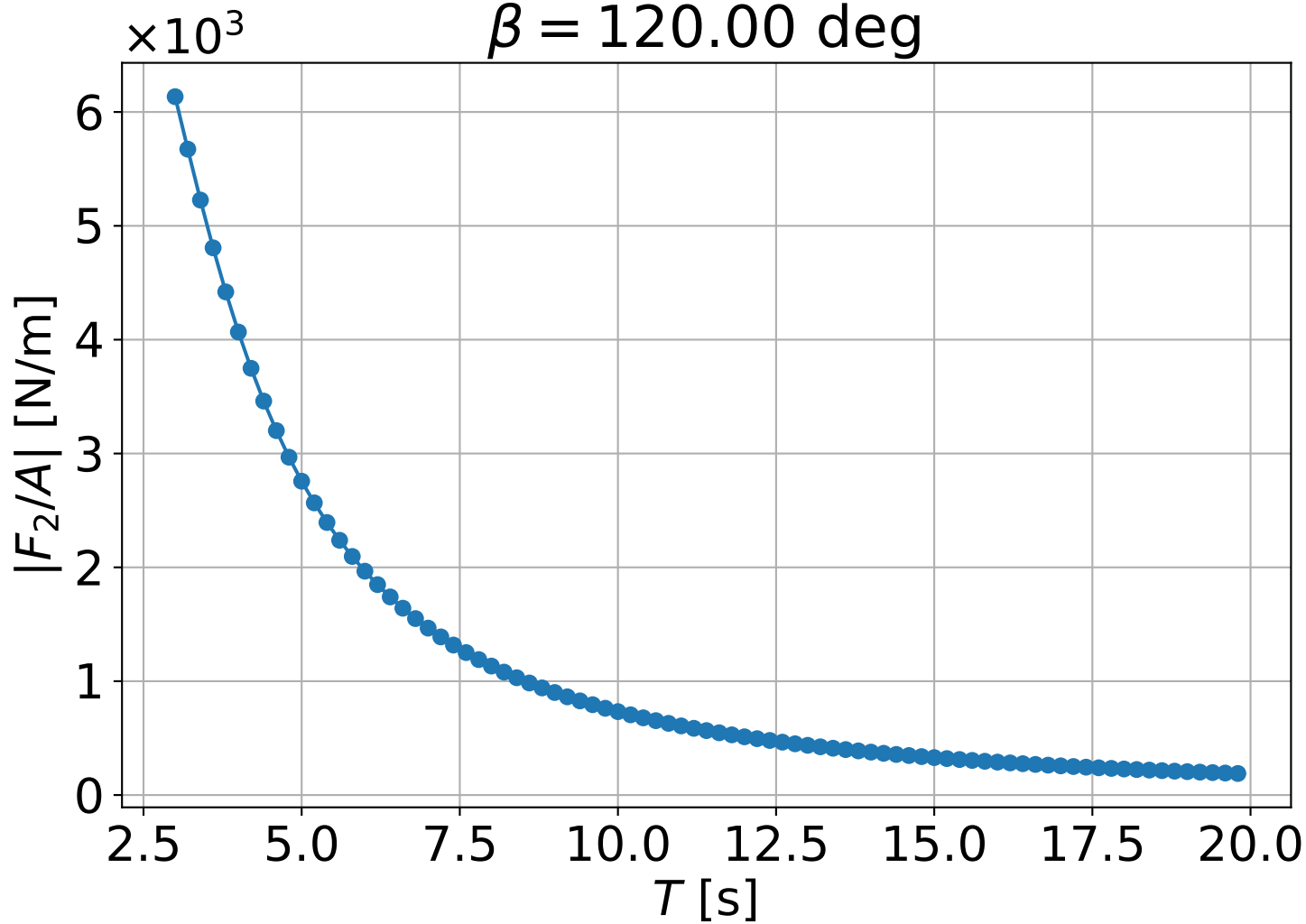
$\beta = 110.00$ deg



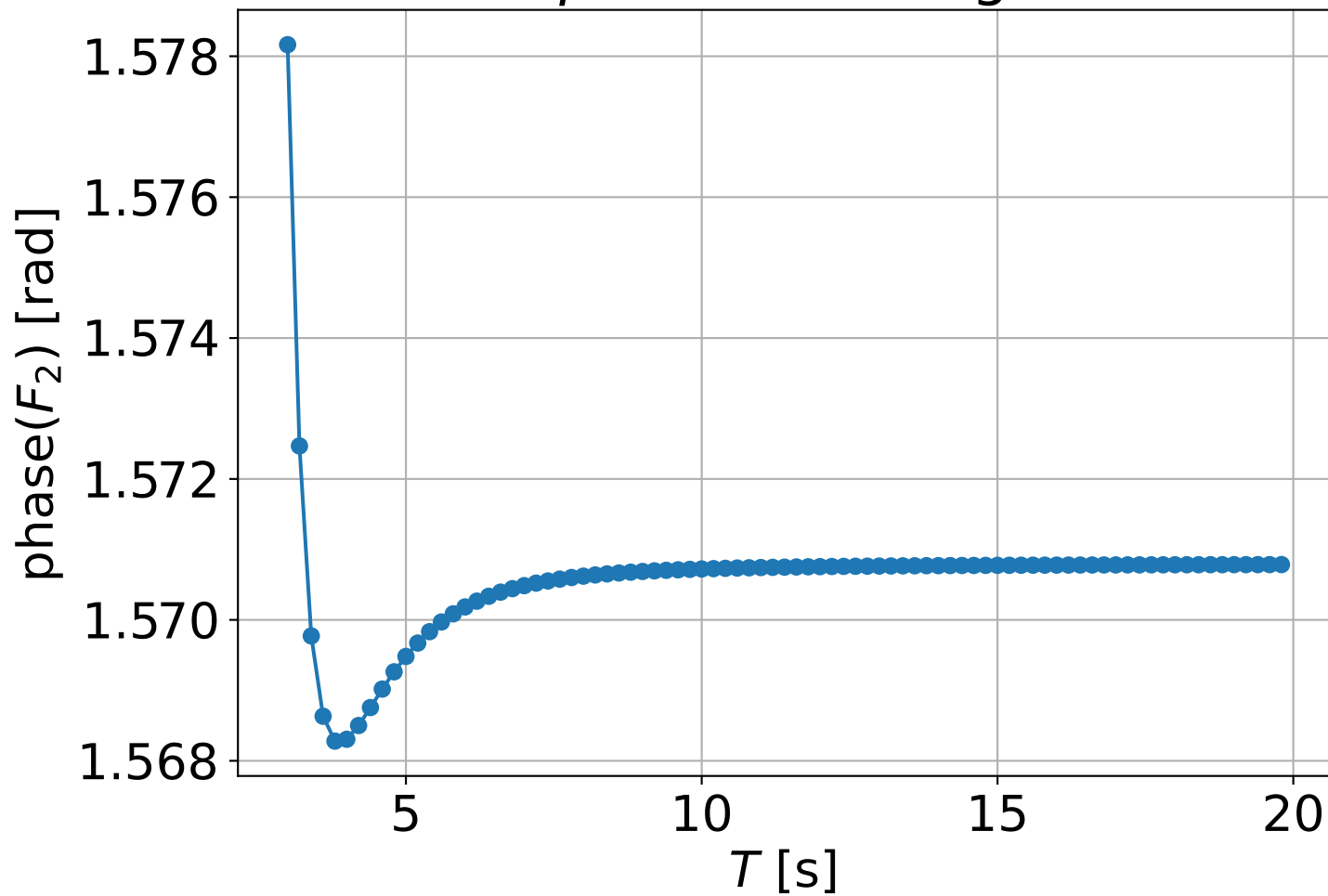
$\beta = 110.00$ deg



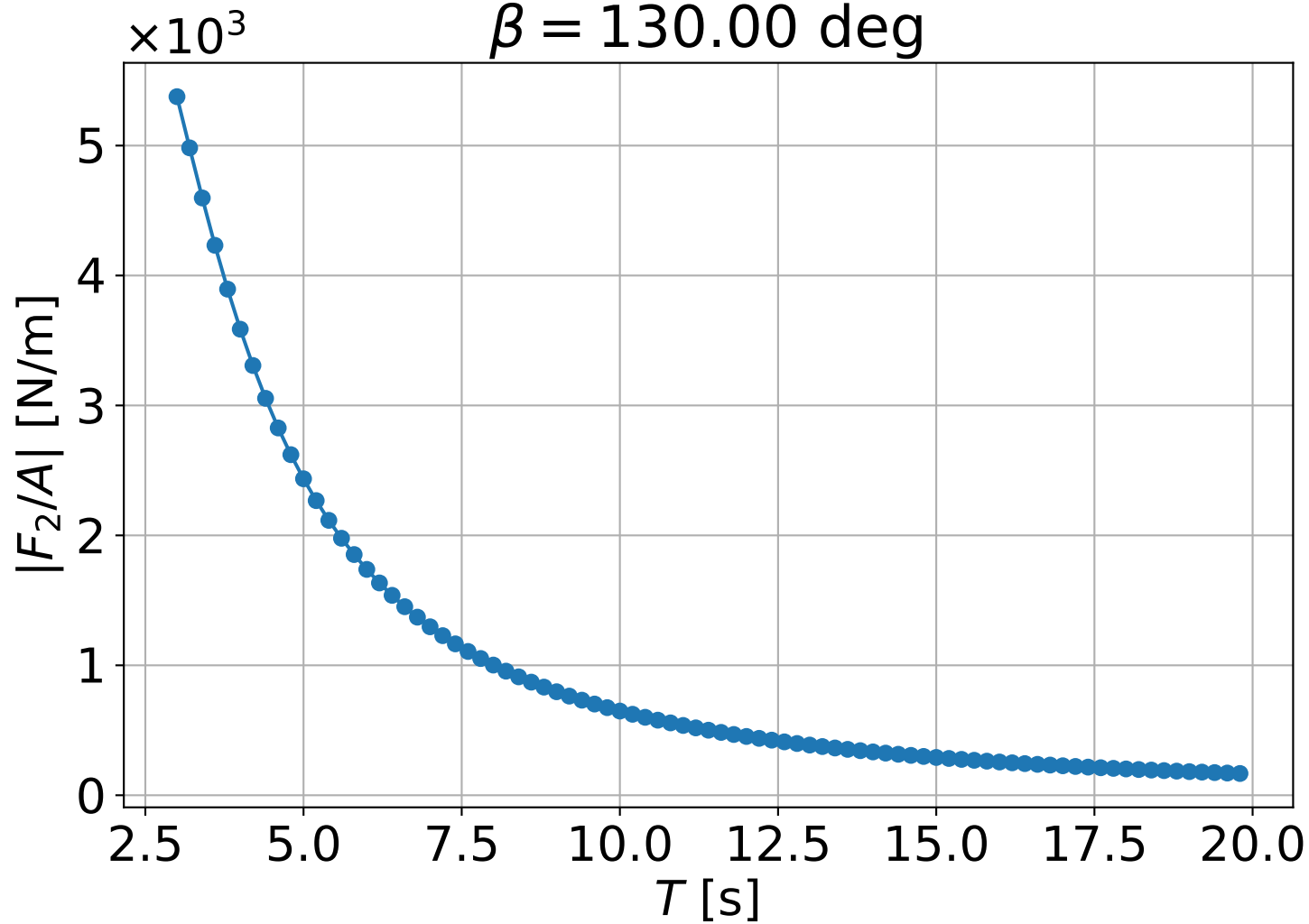
$\beta = 120.00$ deg



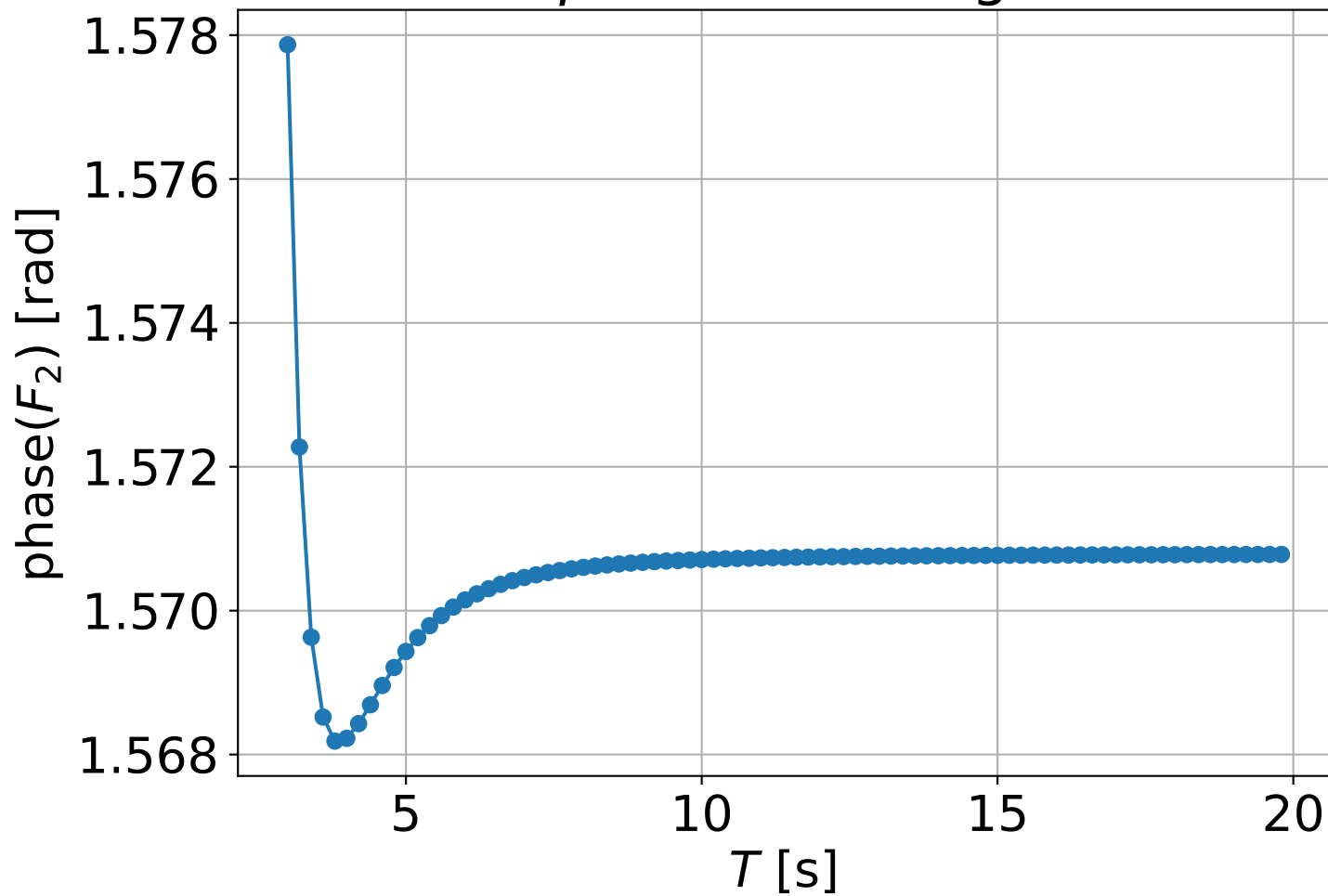
$\beta = 120.00$ deg



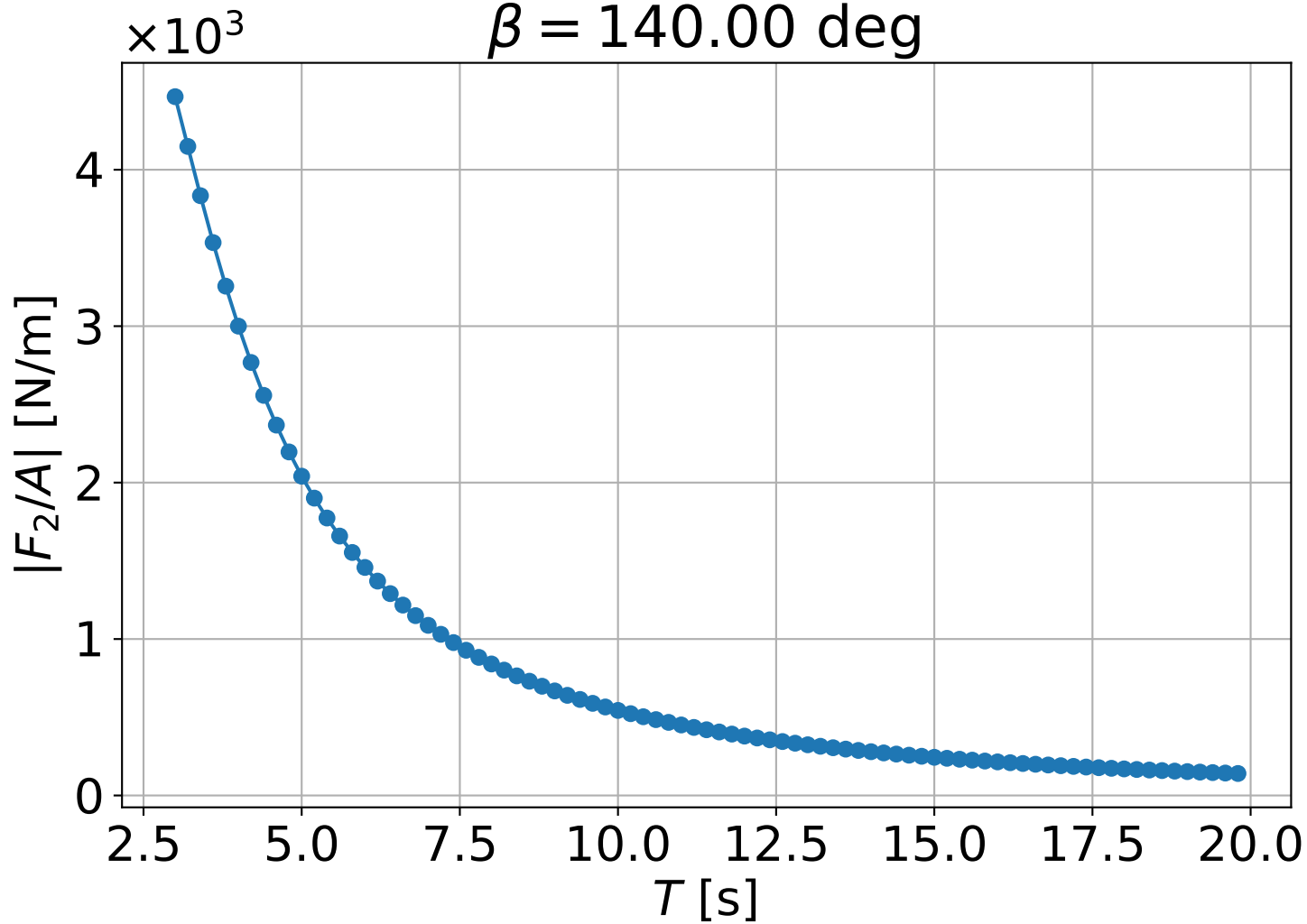
$\beta = 130.00$ deg



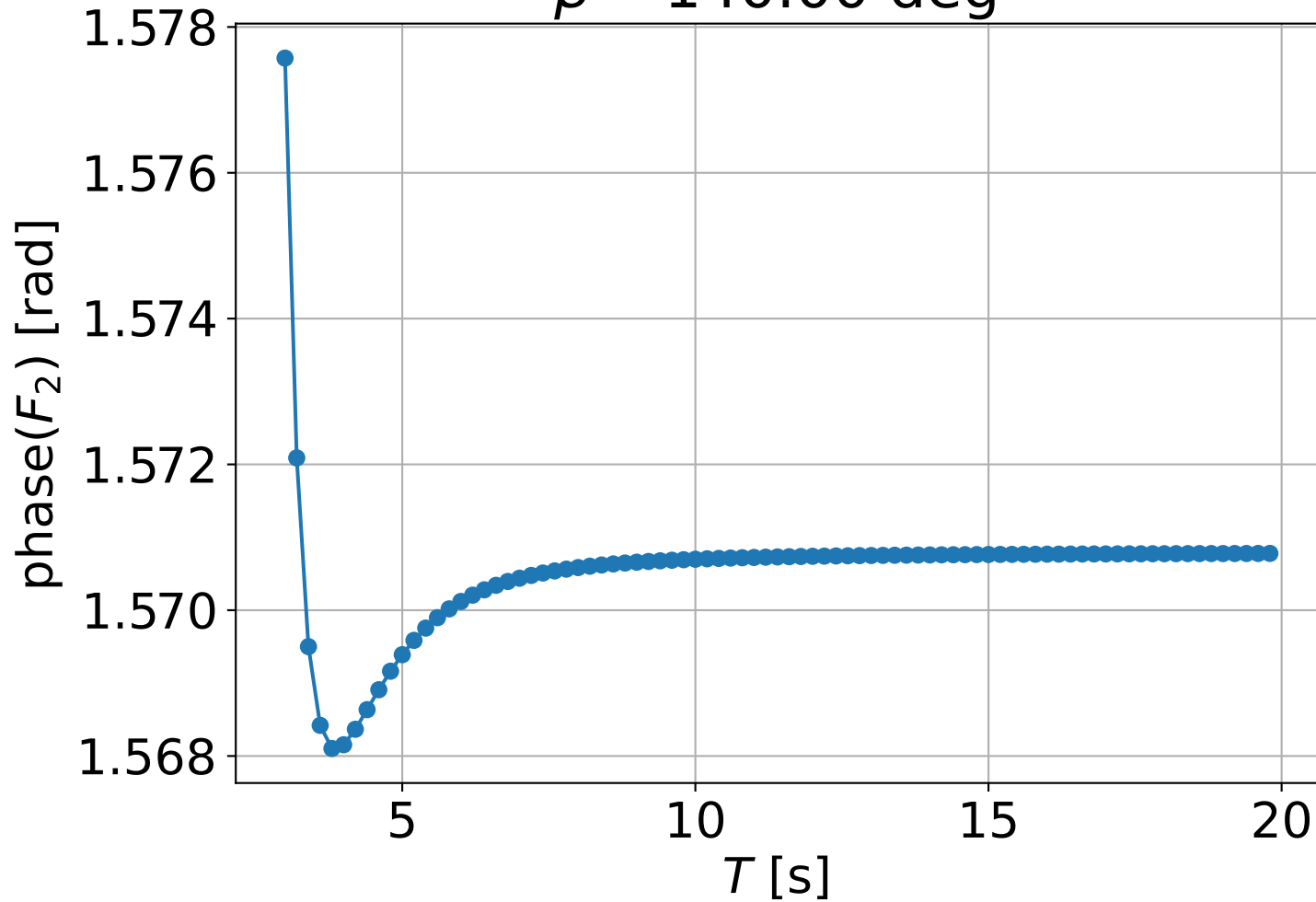
$\beta = 130.00$ deg

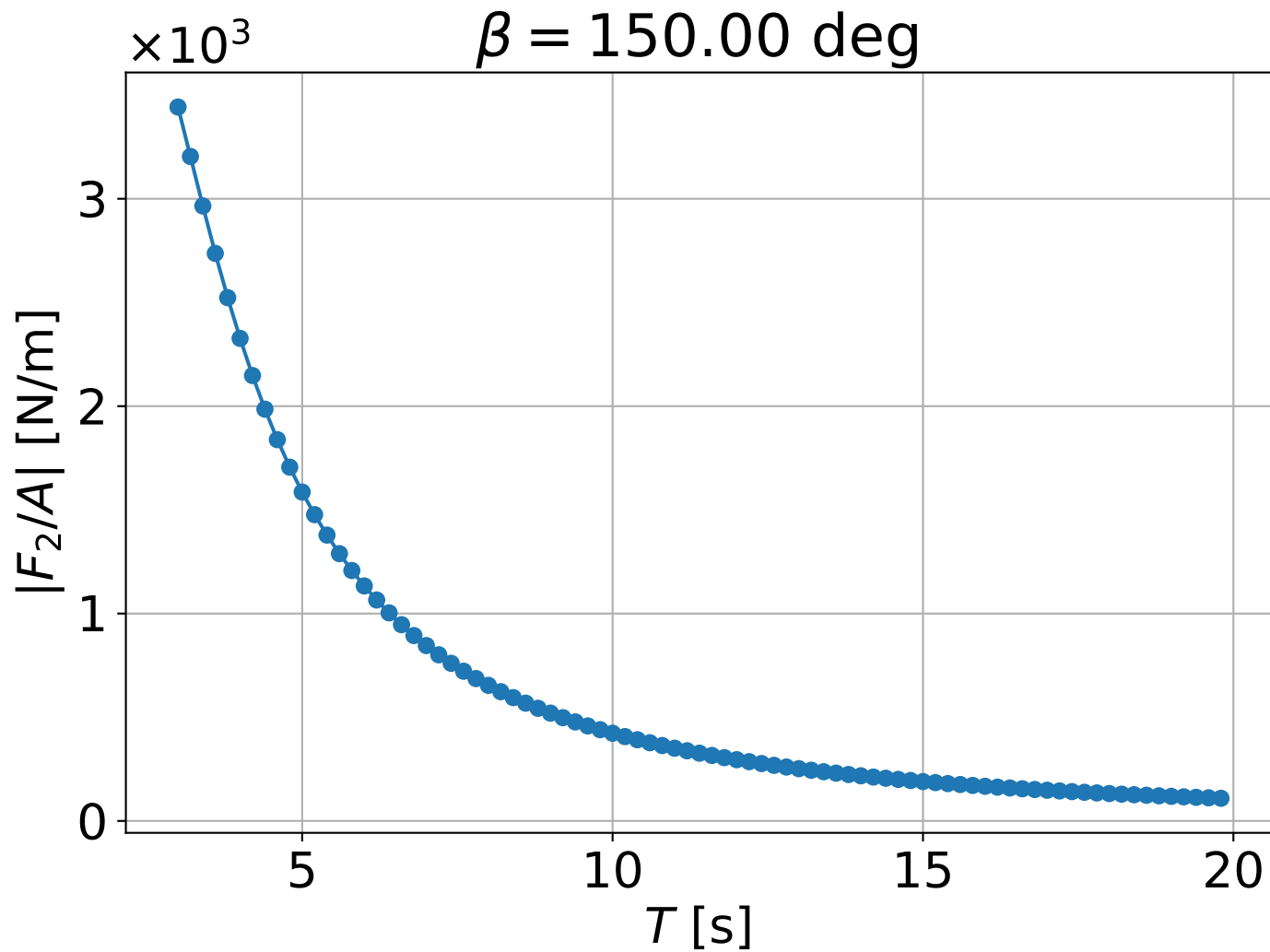


$\beta = 140.00$ deg

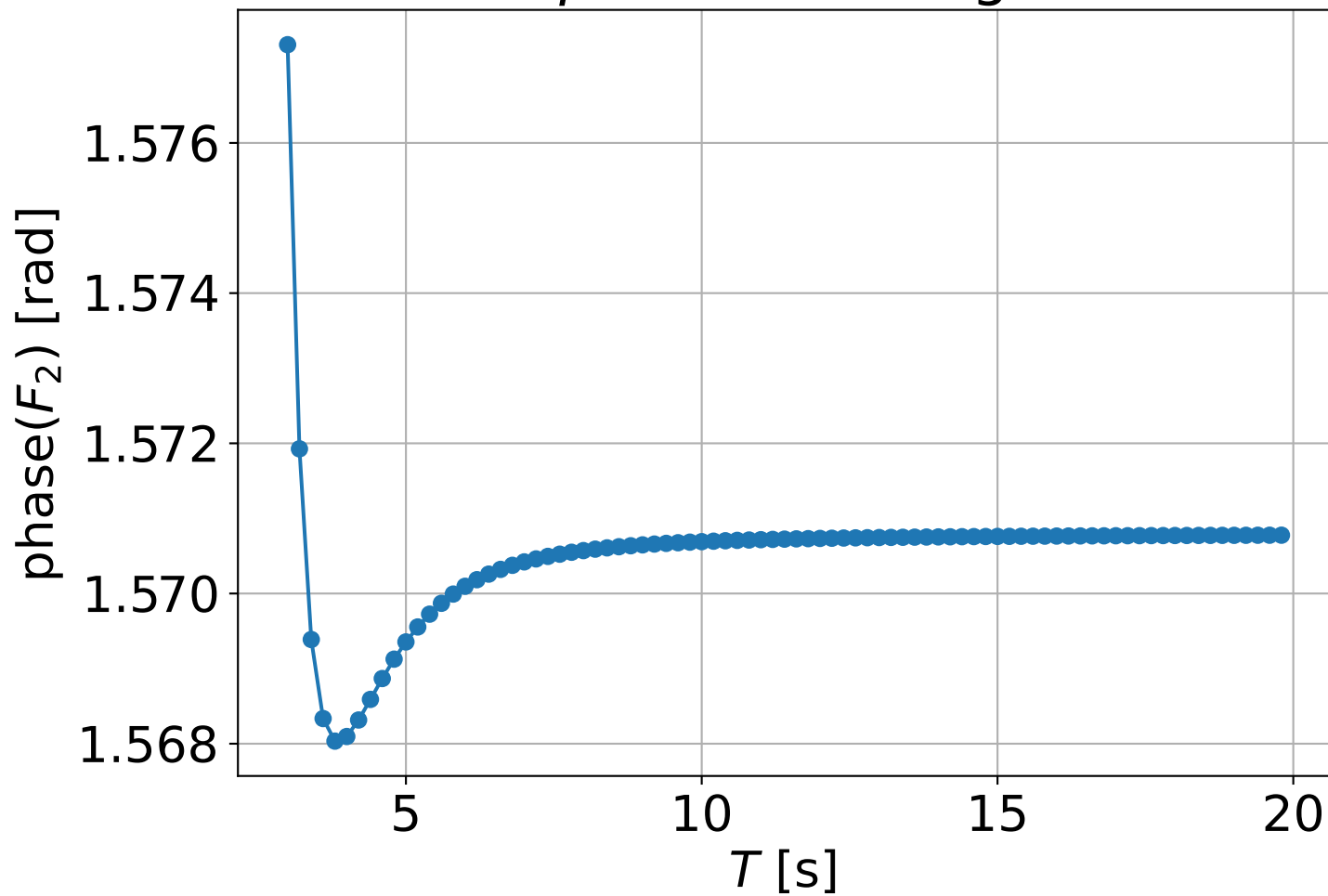


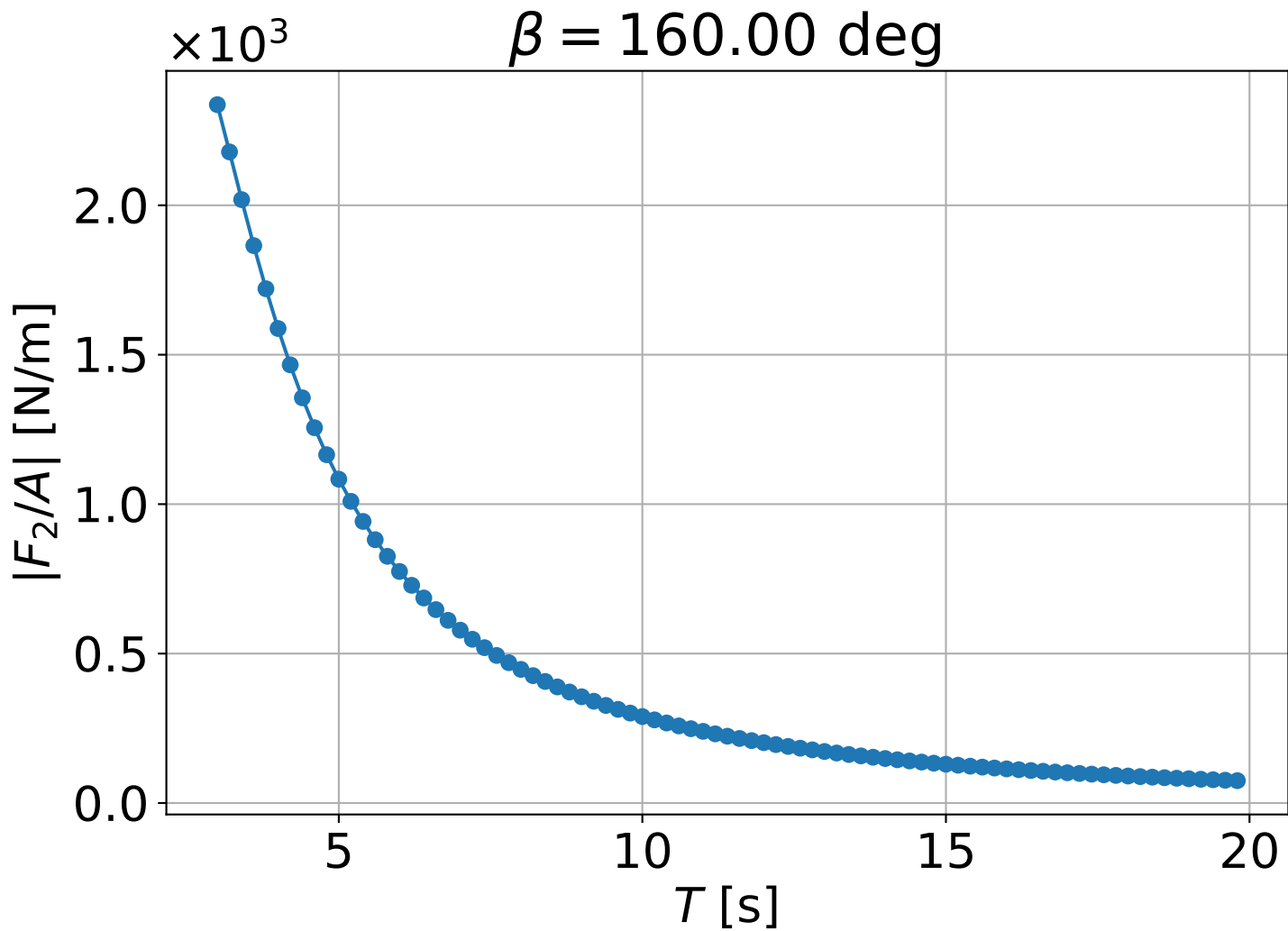
$\beta = 140.00$ deg



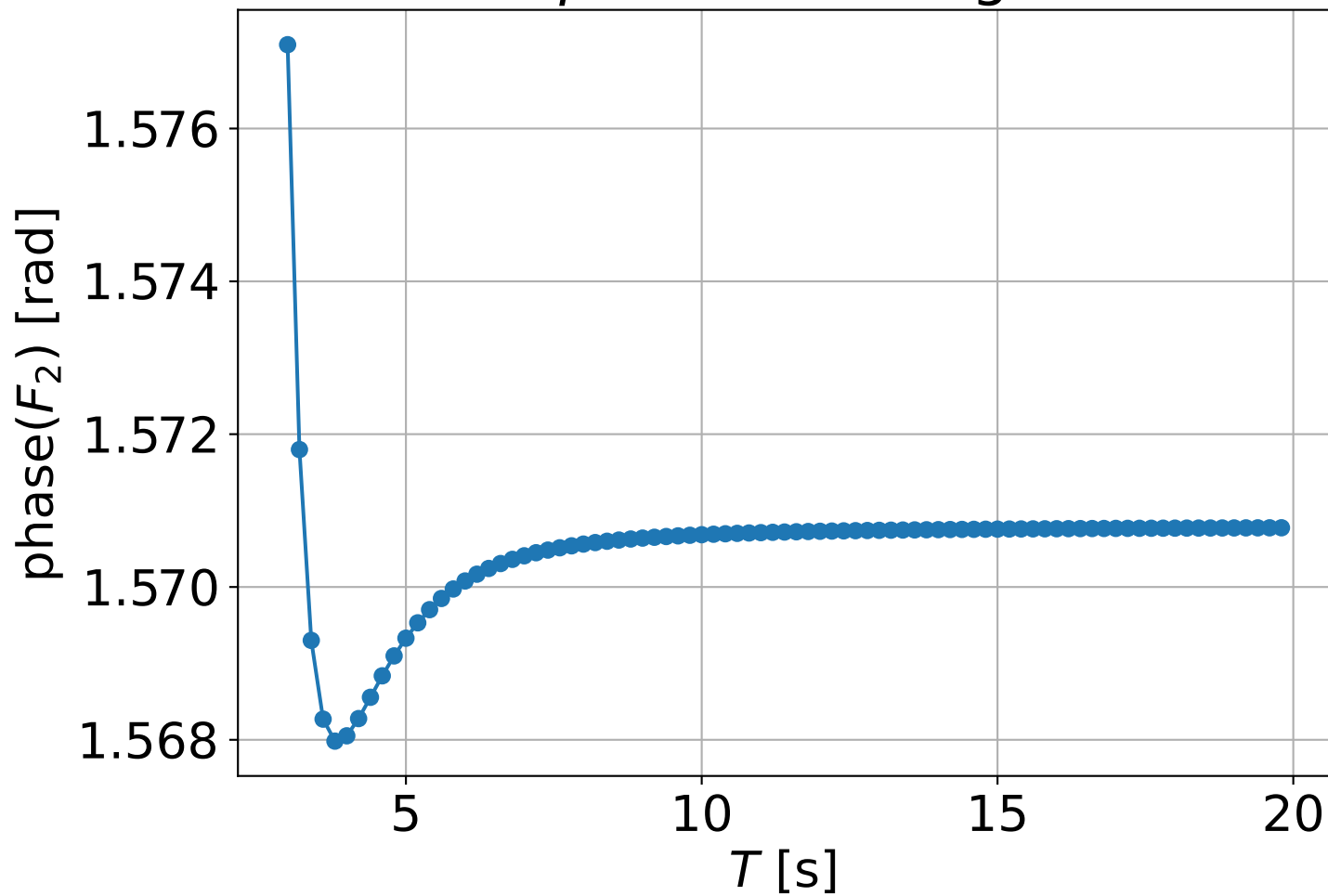


$\beta = 150.00$ deg

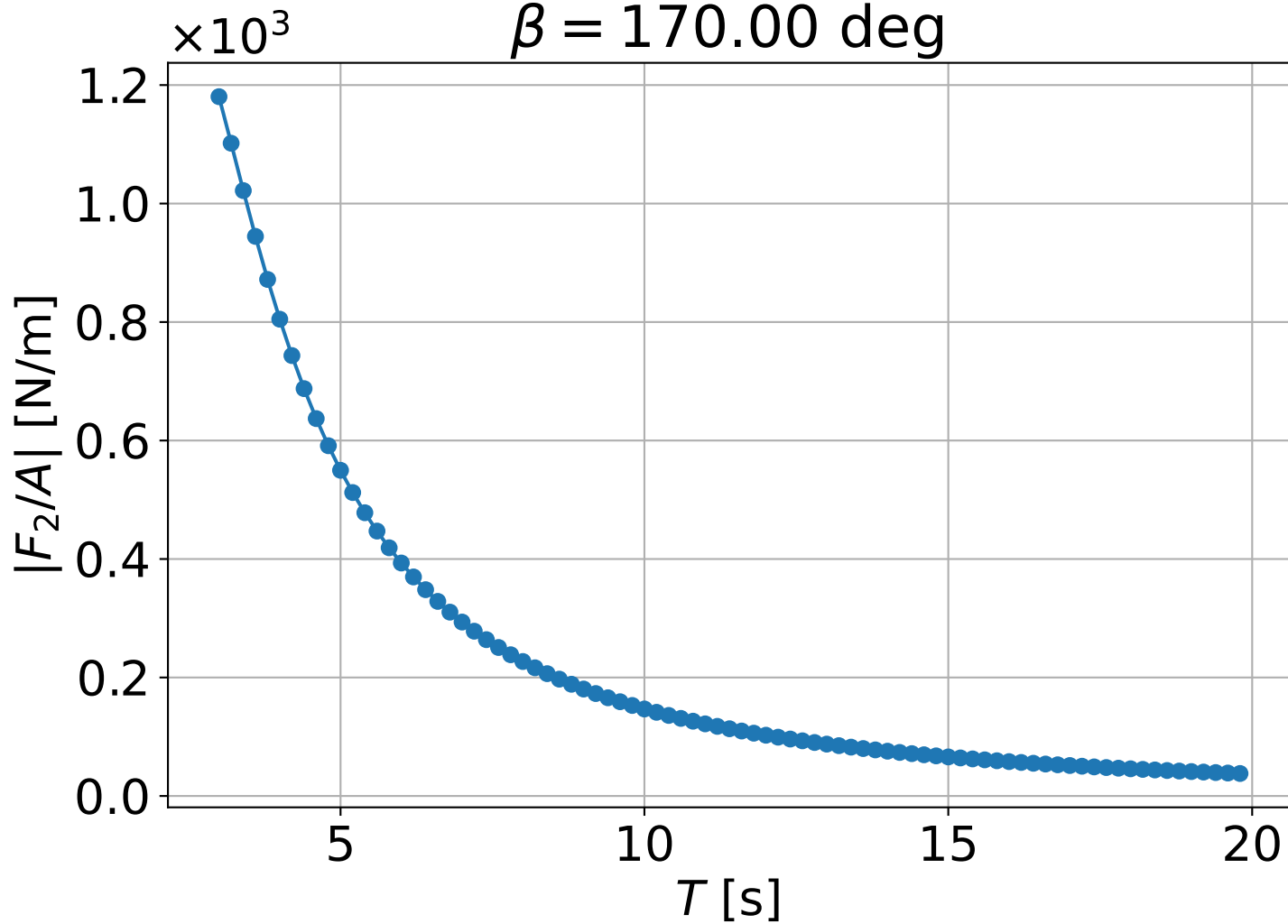




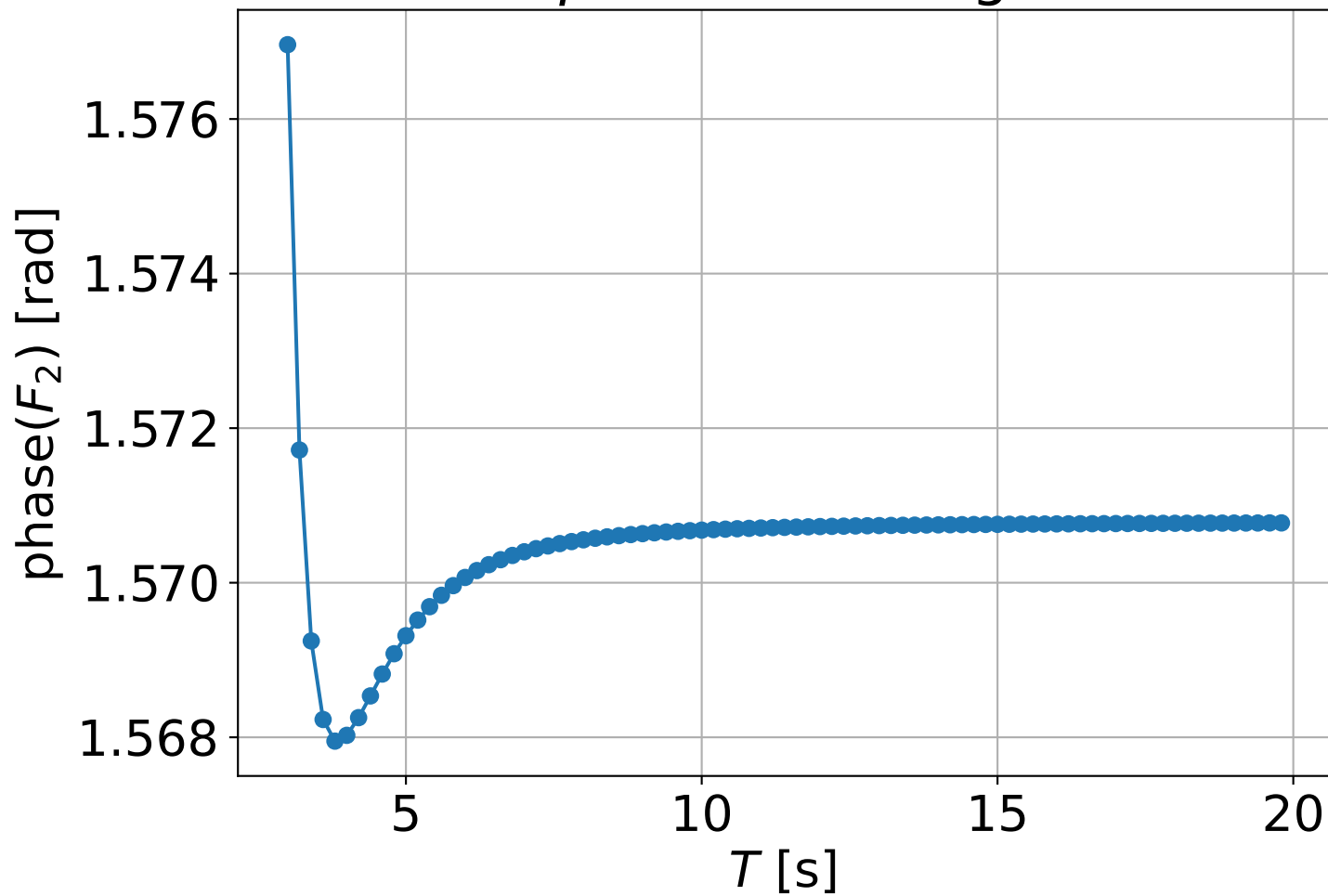
$\beta = 160.00$ deg



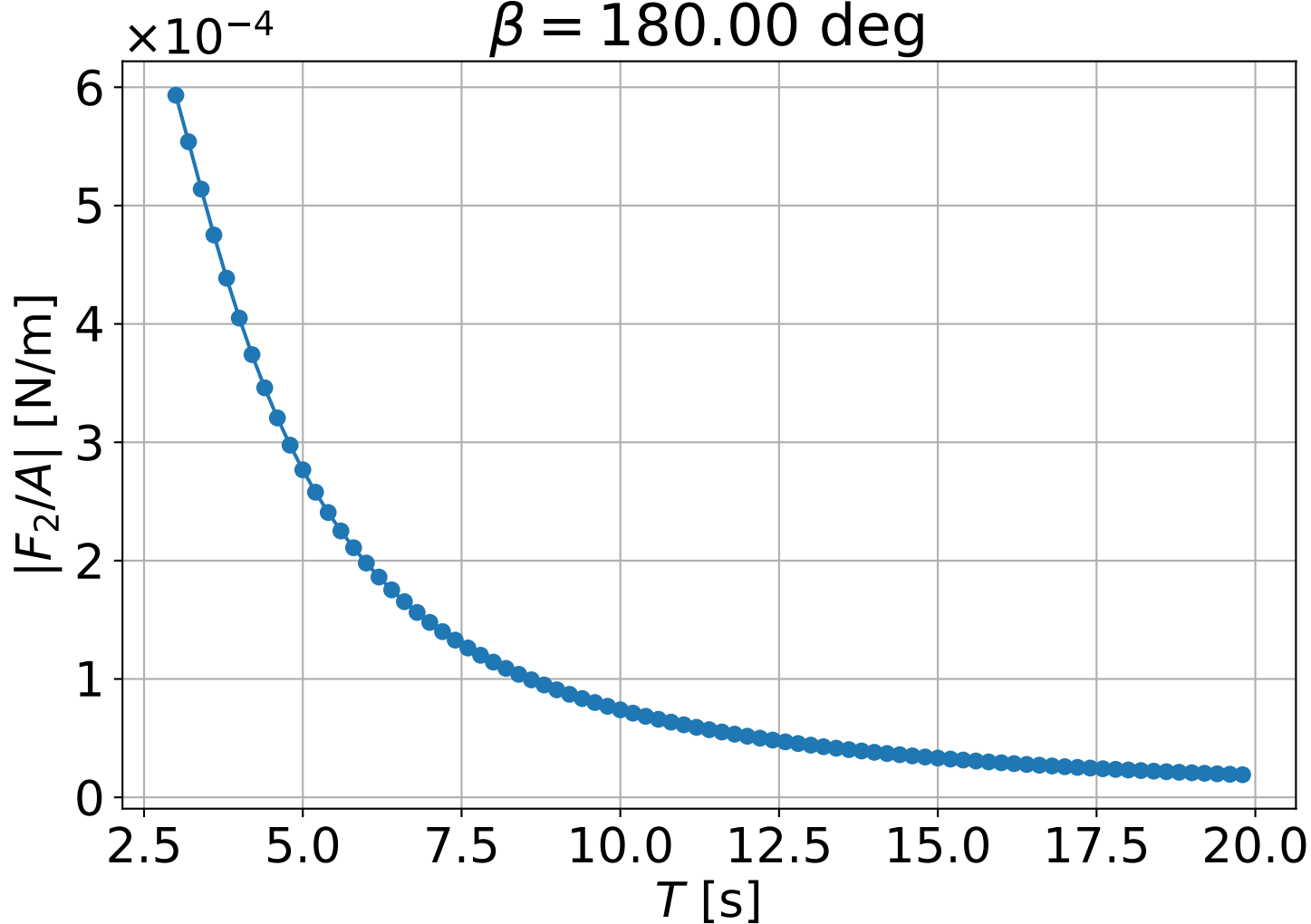
$\beta = 170.00$ deg



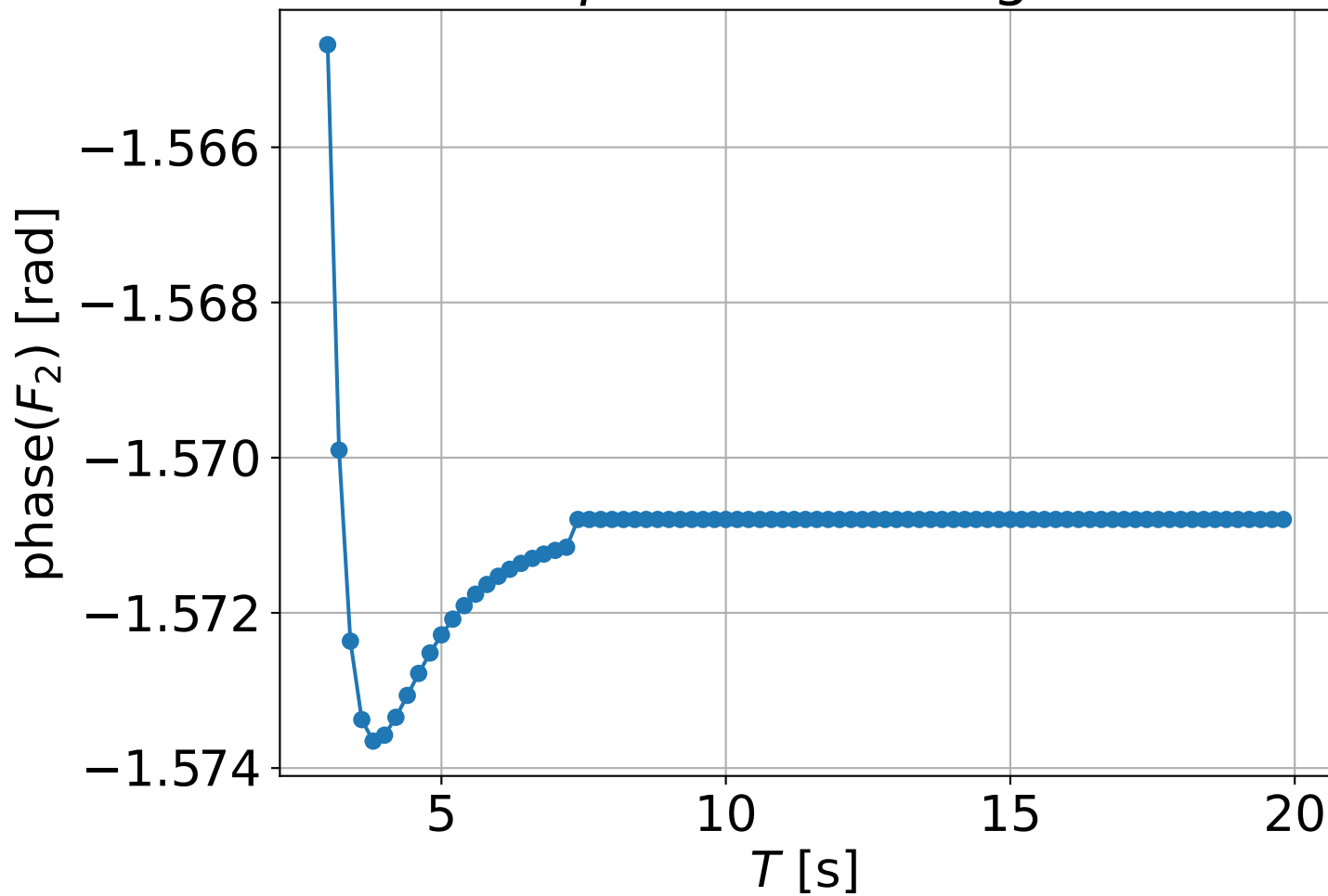
$\beta = 170.00$ deg

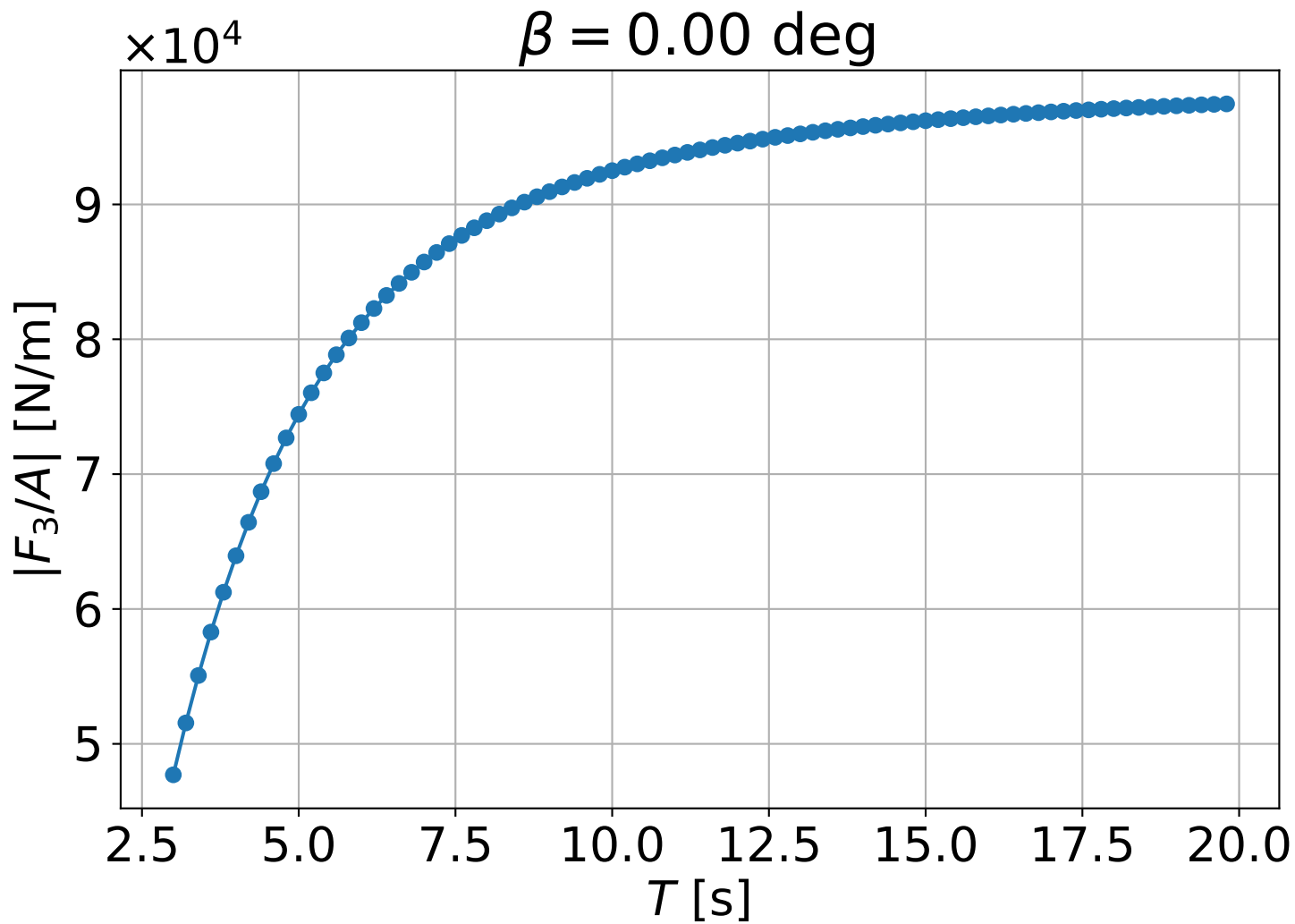


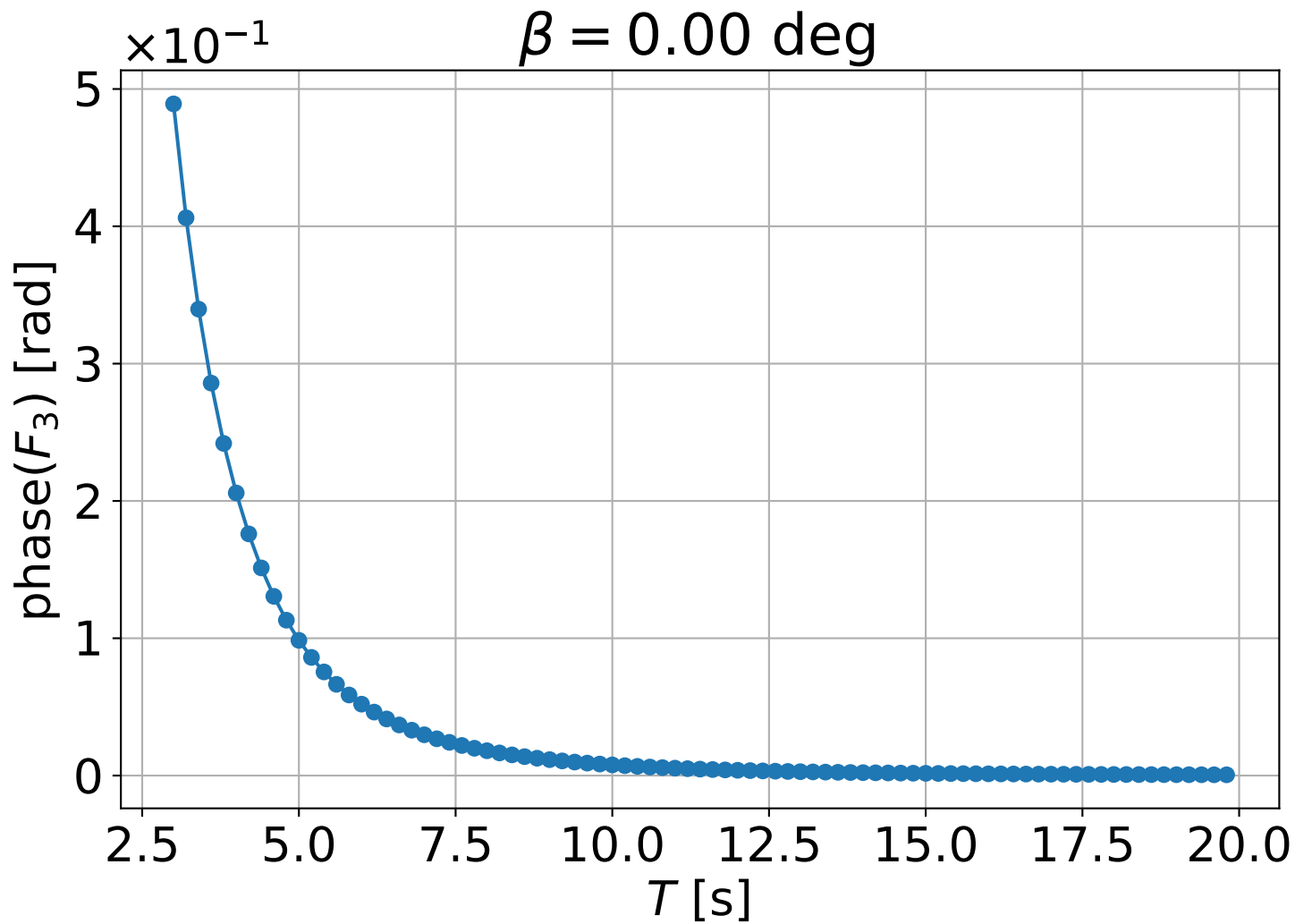
$\beta = 180.00$ deg

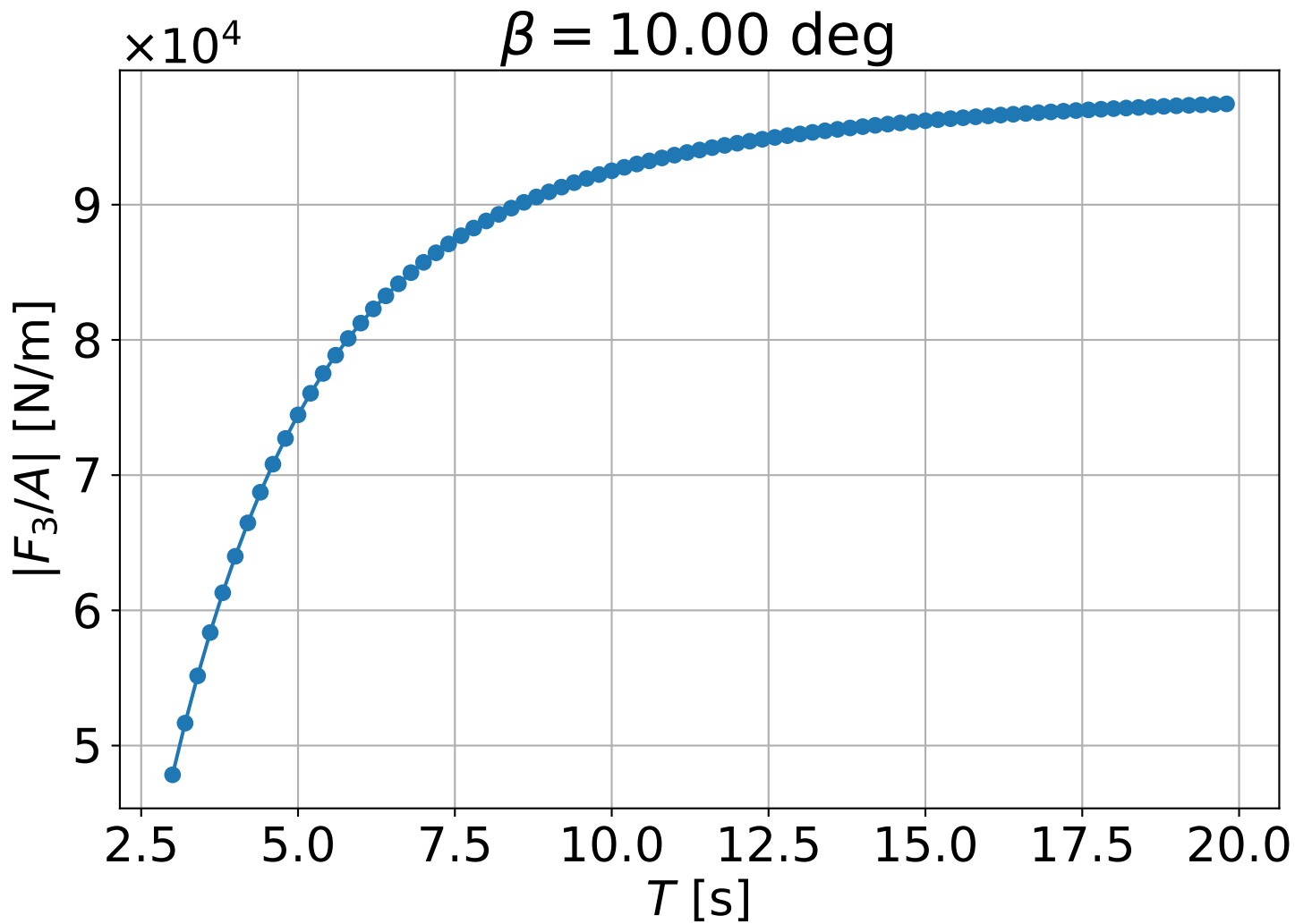


$\beta = 180.00$ deg

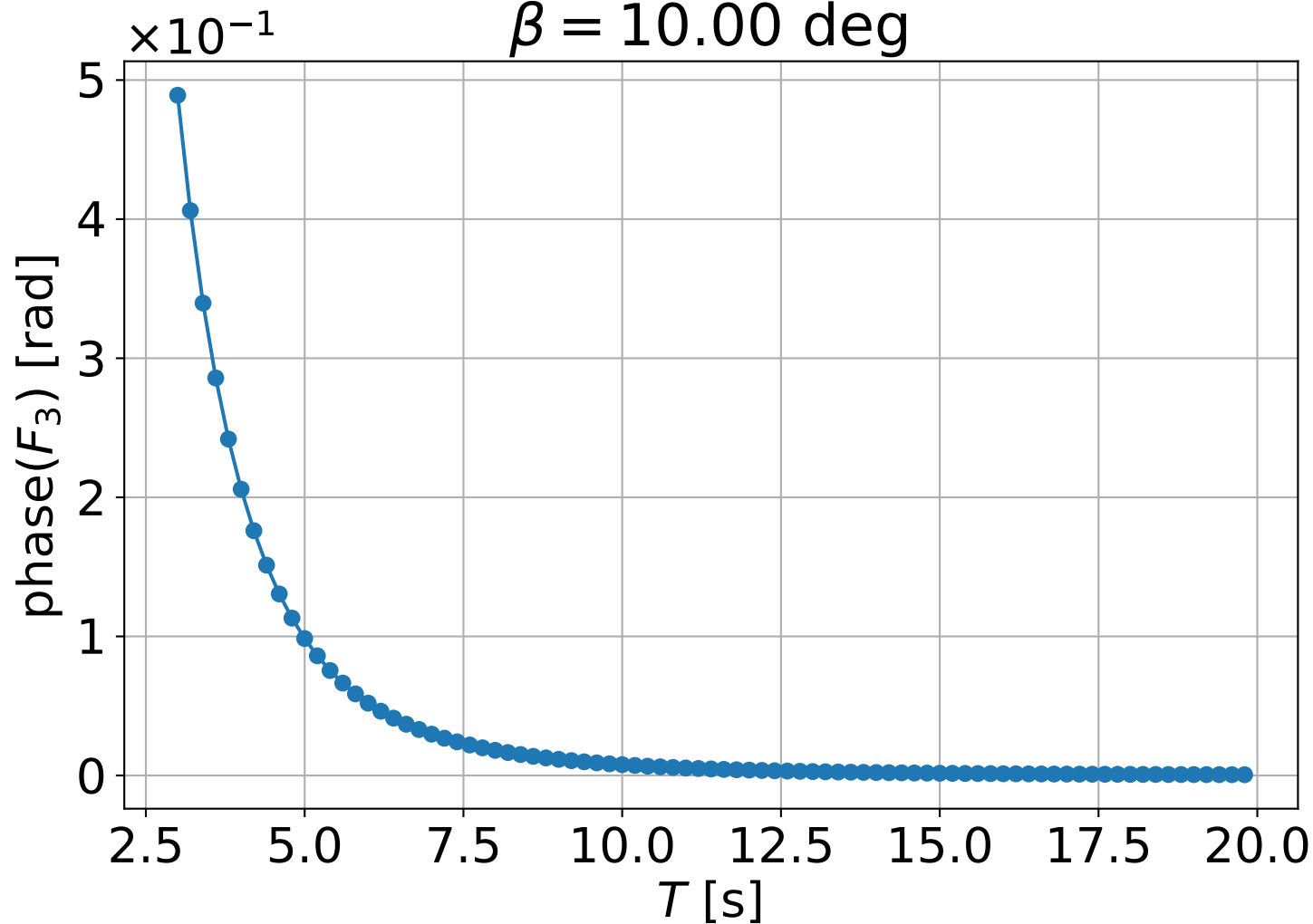


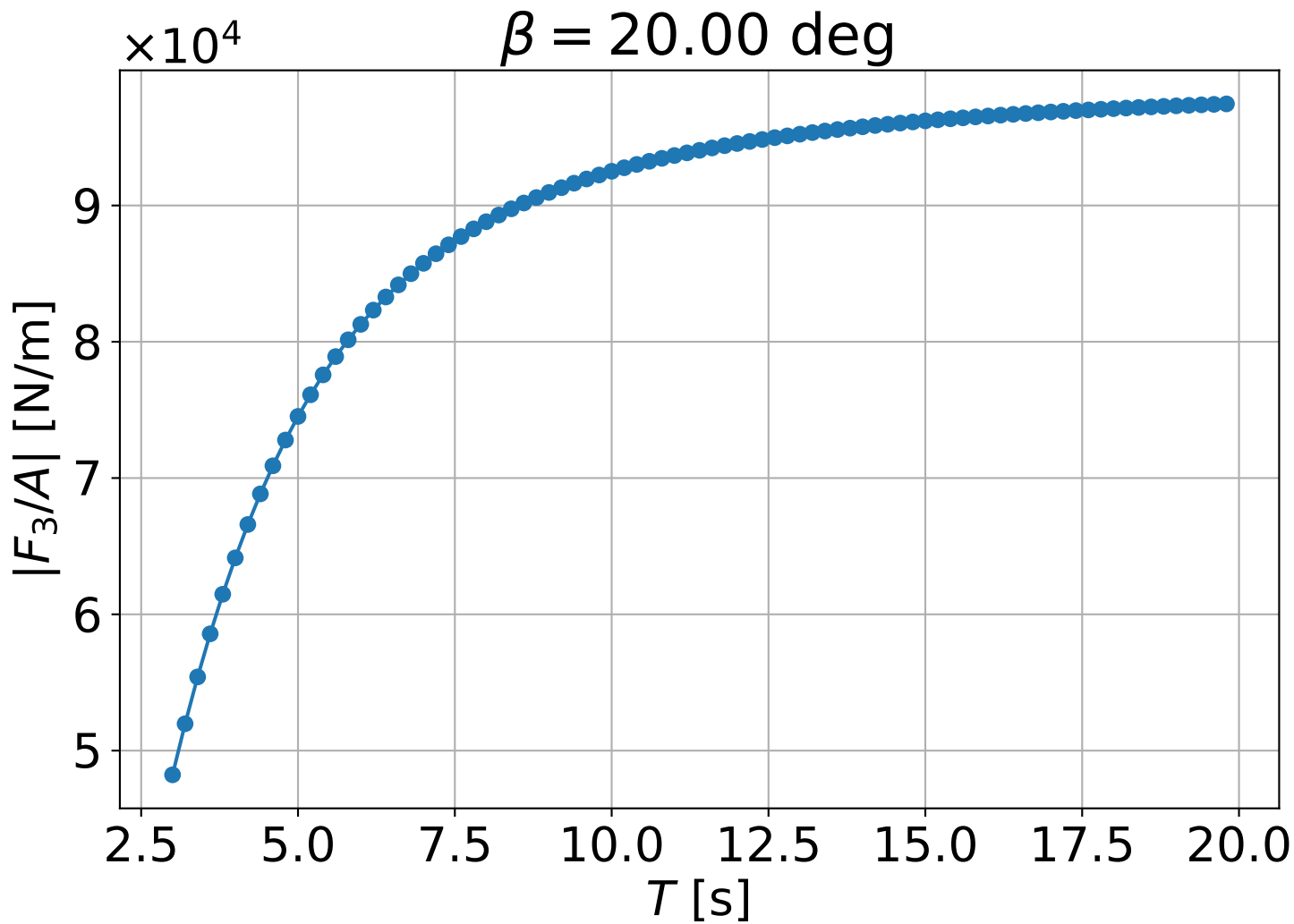




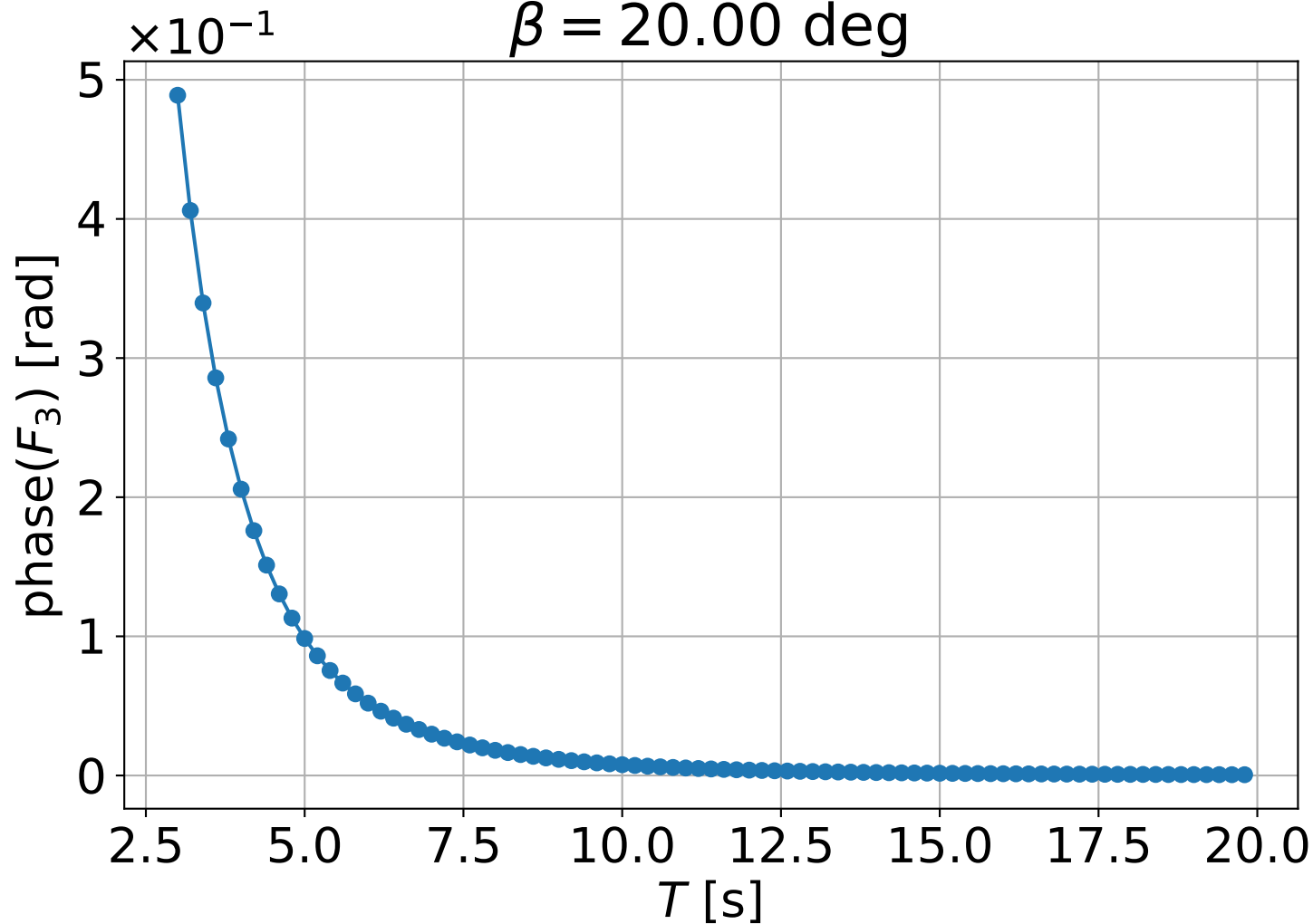


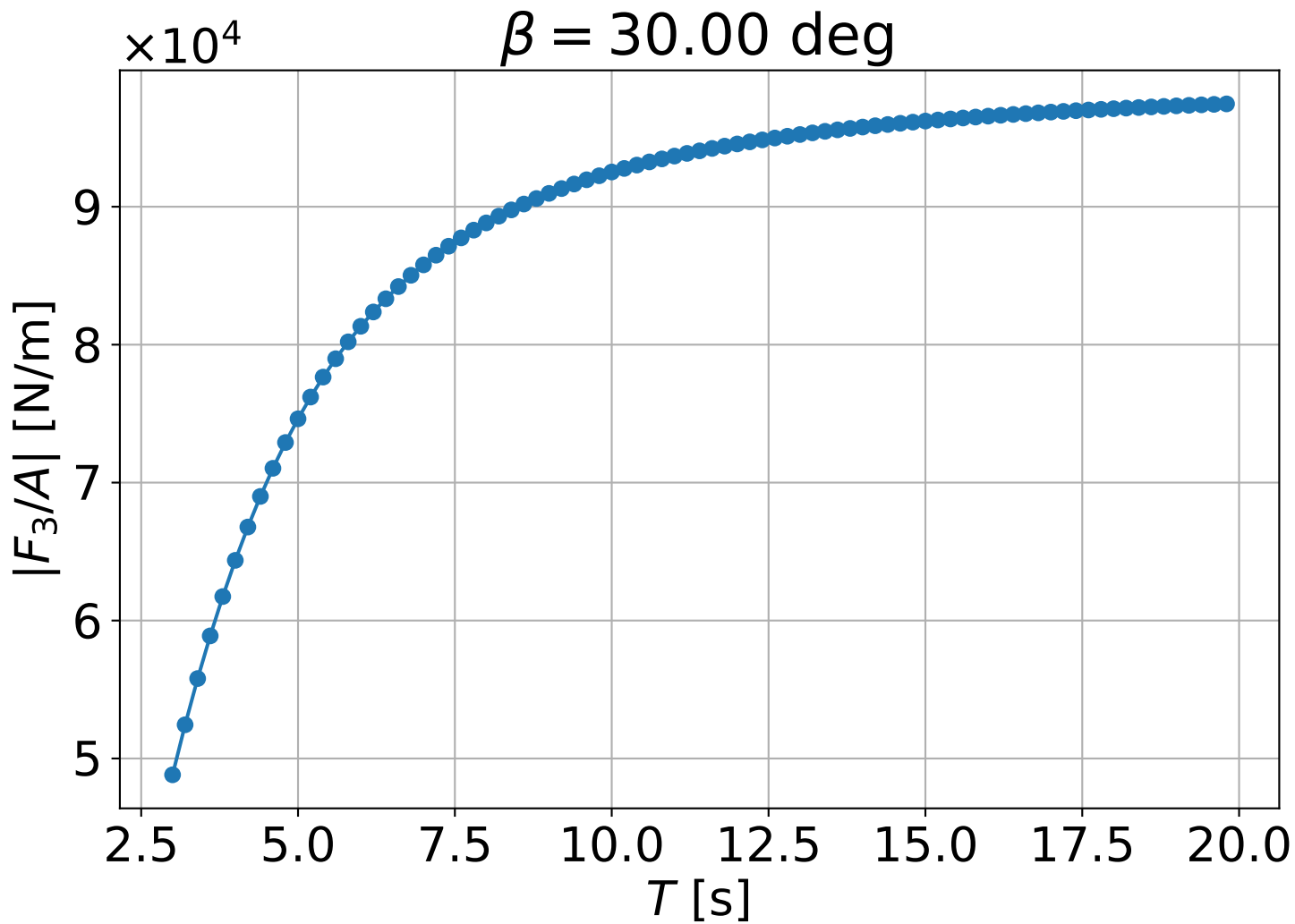
$\beta = 10.00$ deg



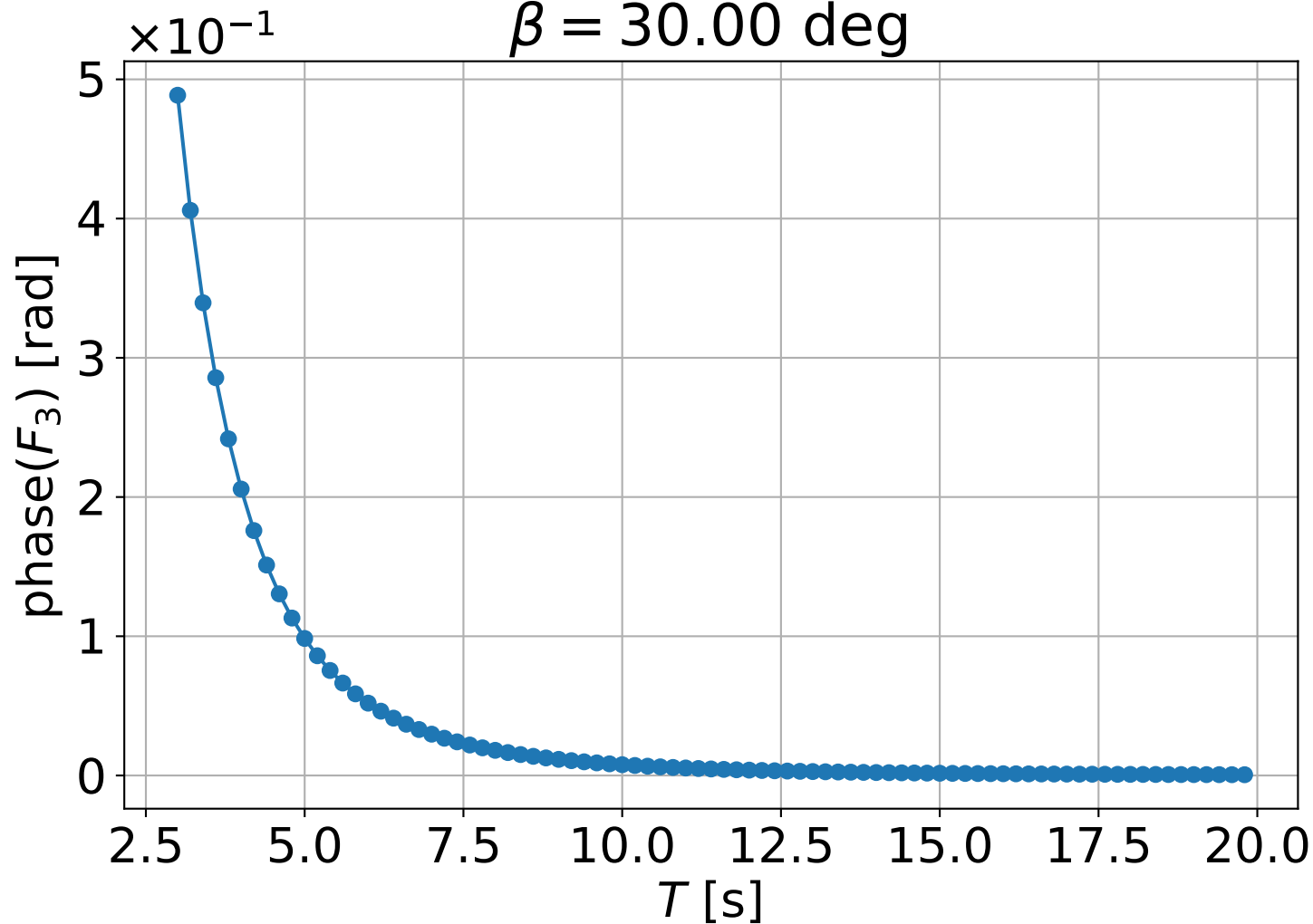


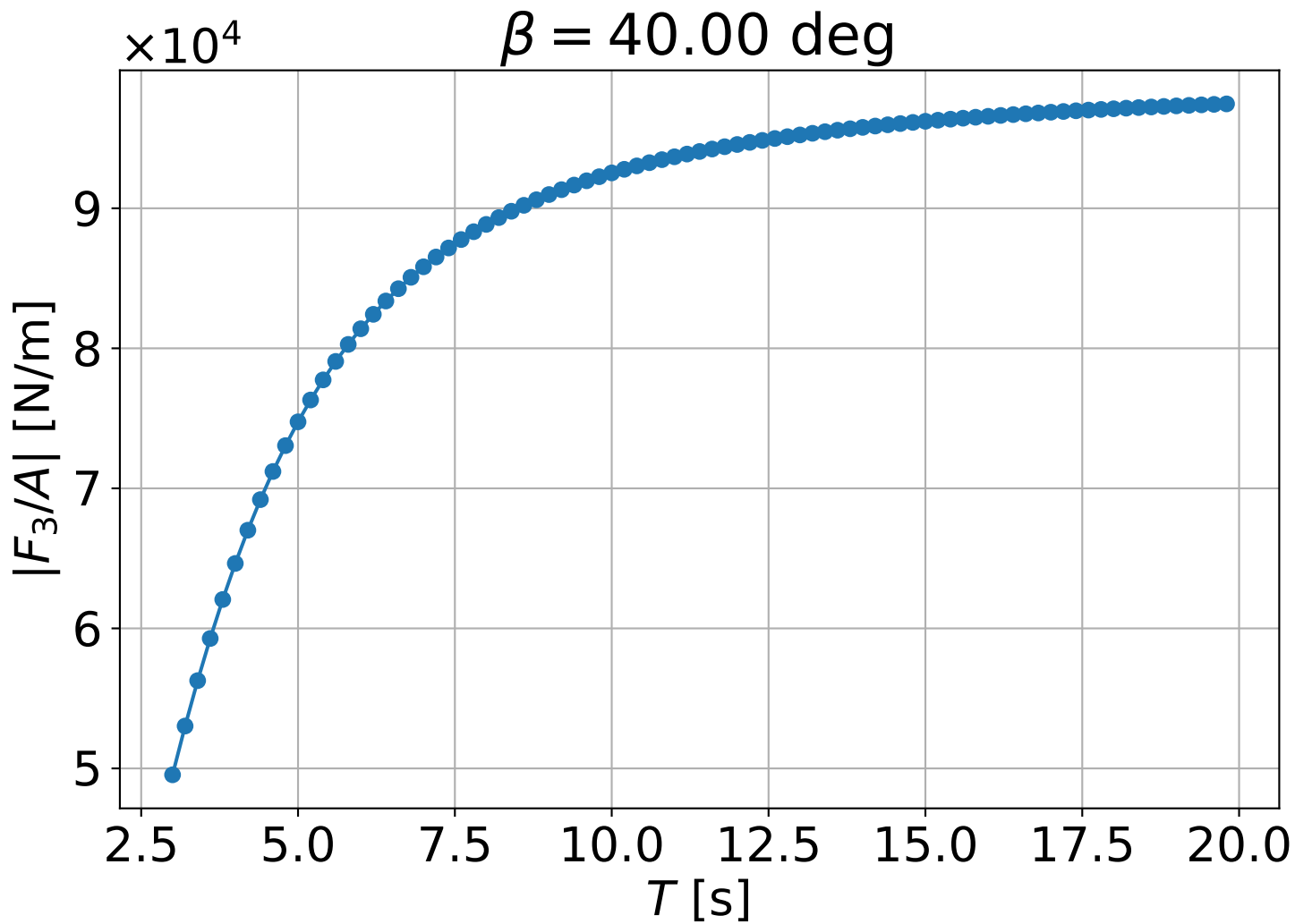
$\beta = 20.00$ deg



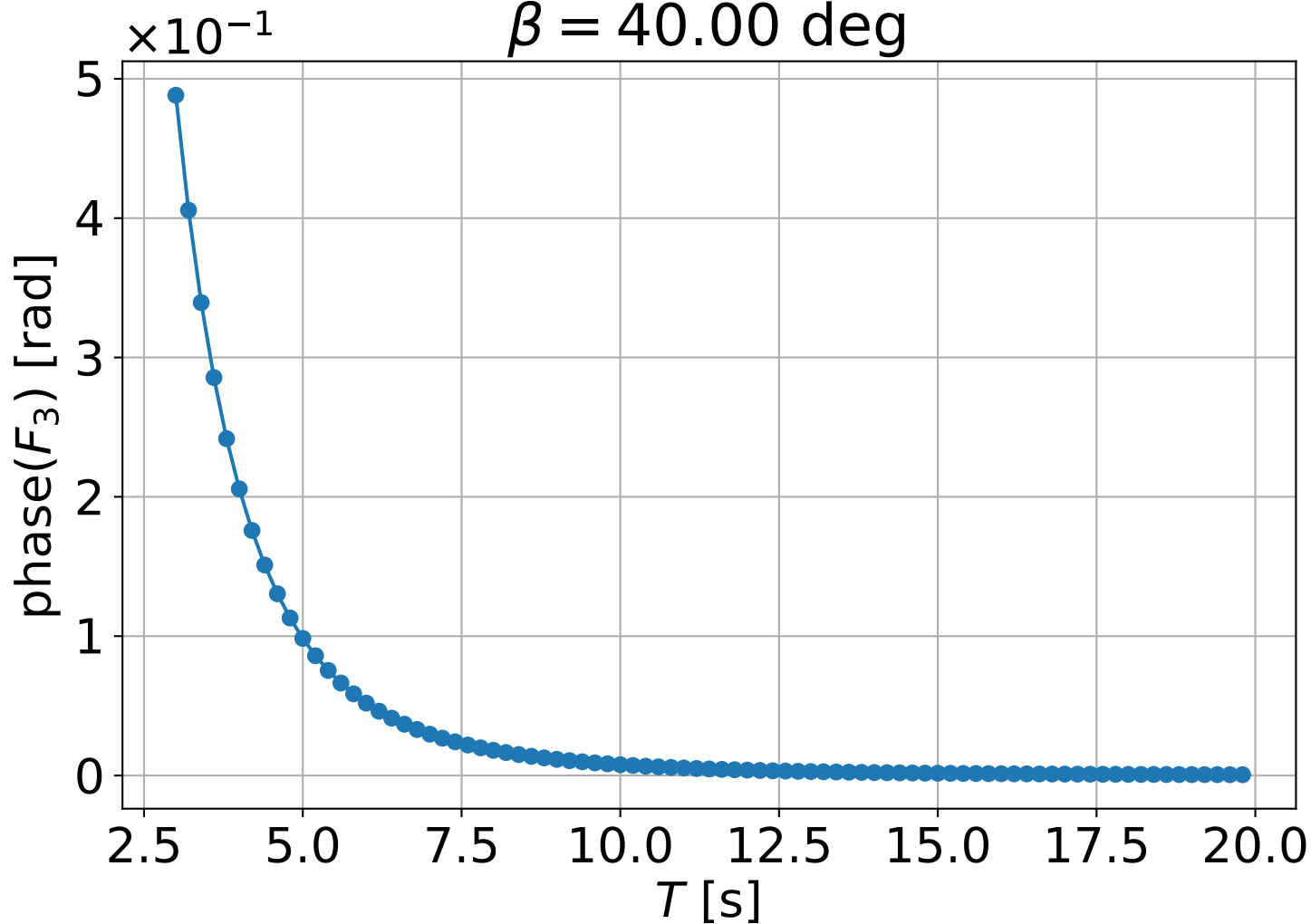


$\beta = 30.00$ deg

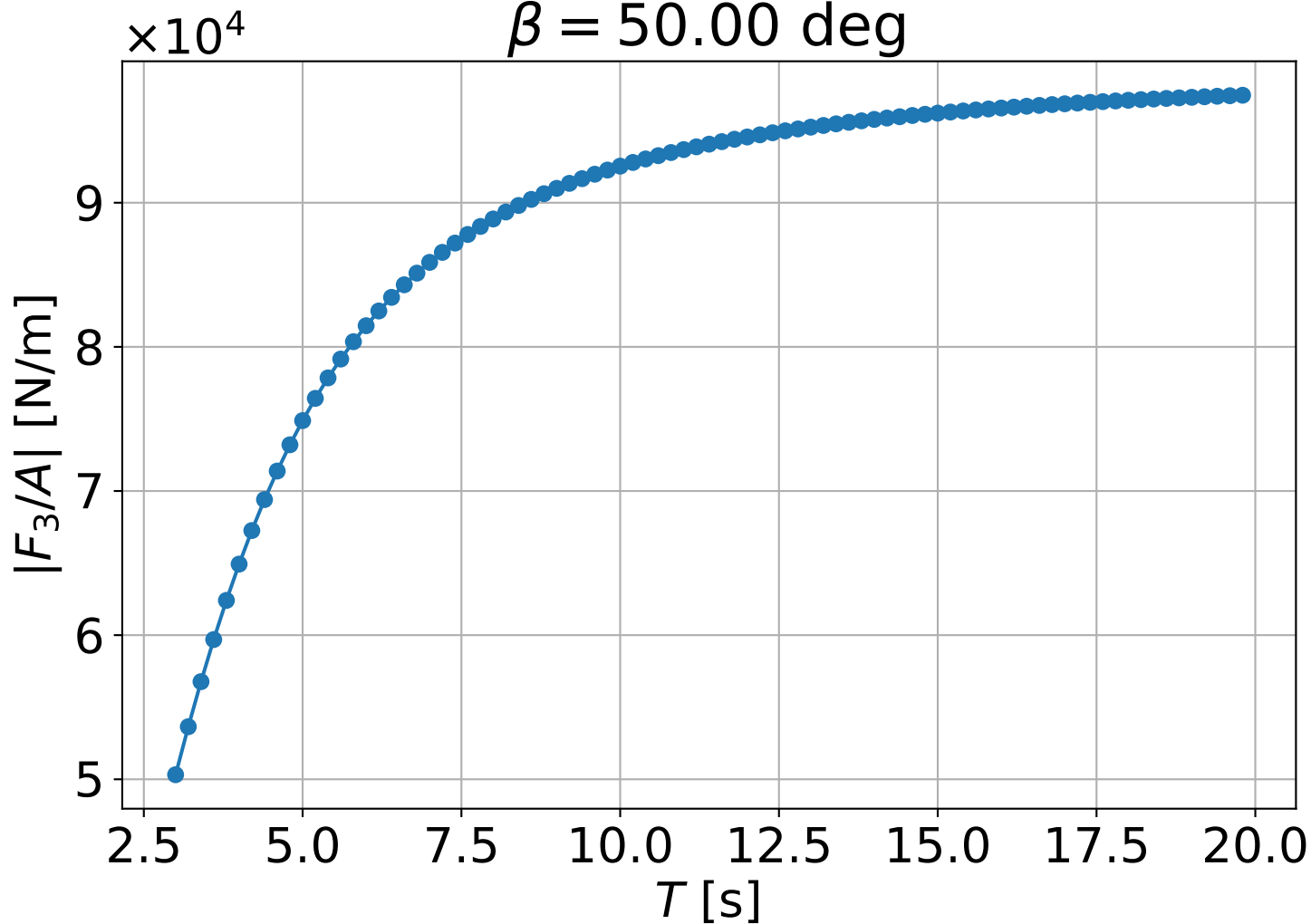




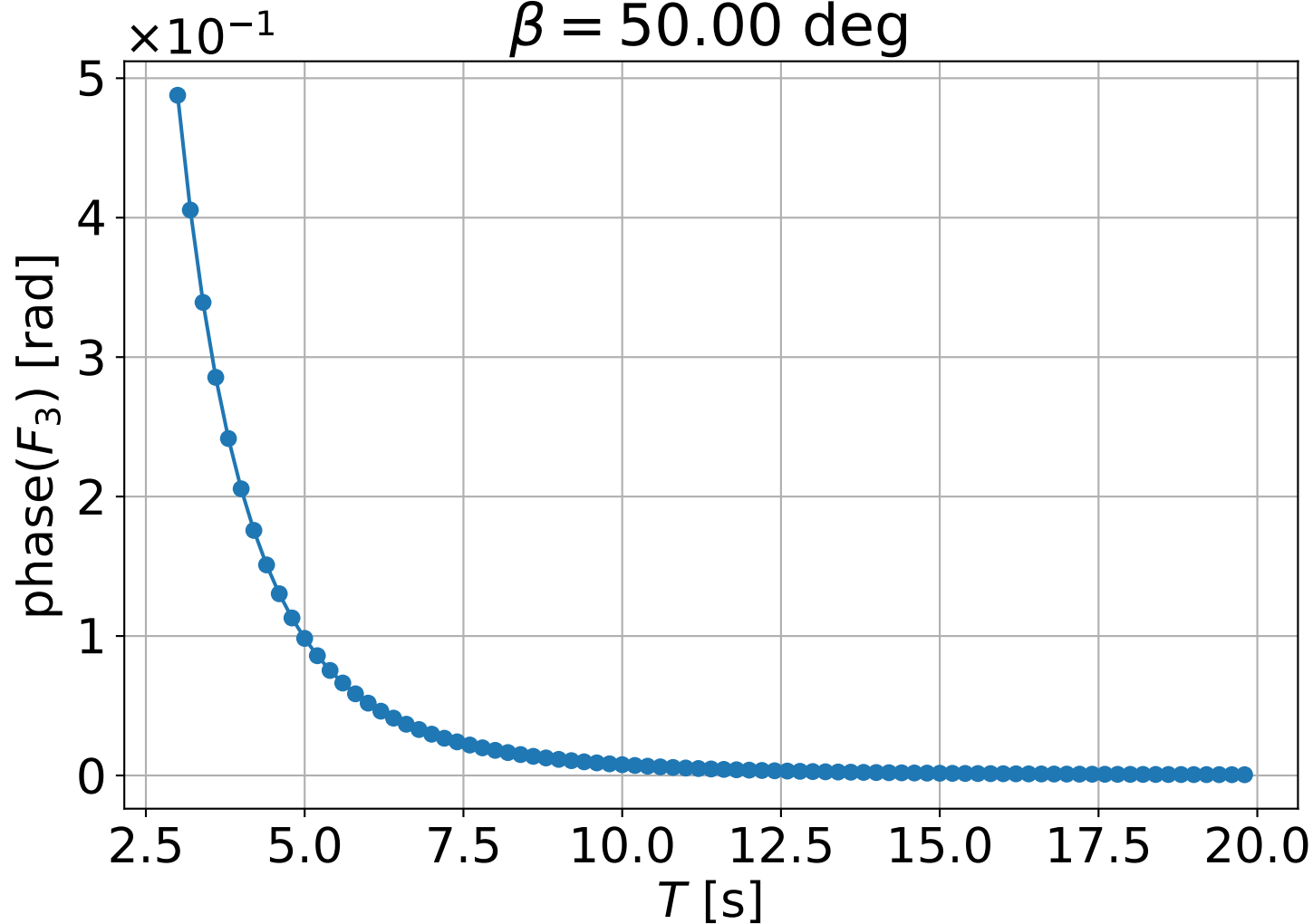
$\beta = 40.00$ deg



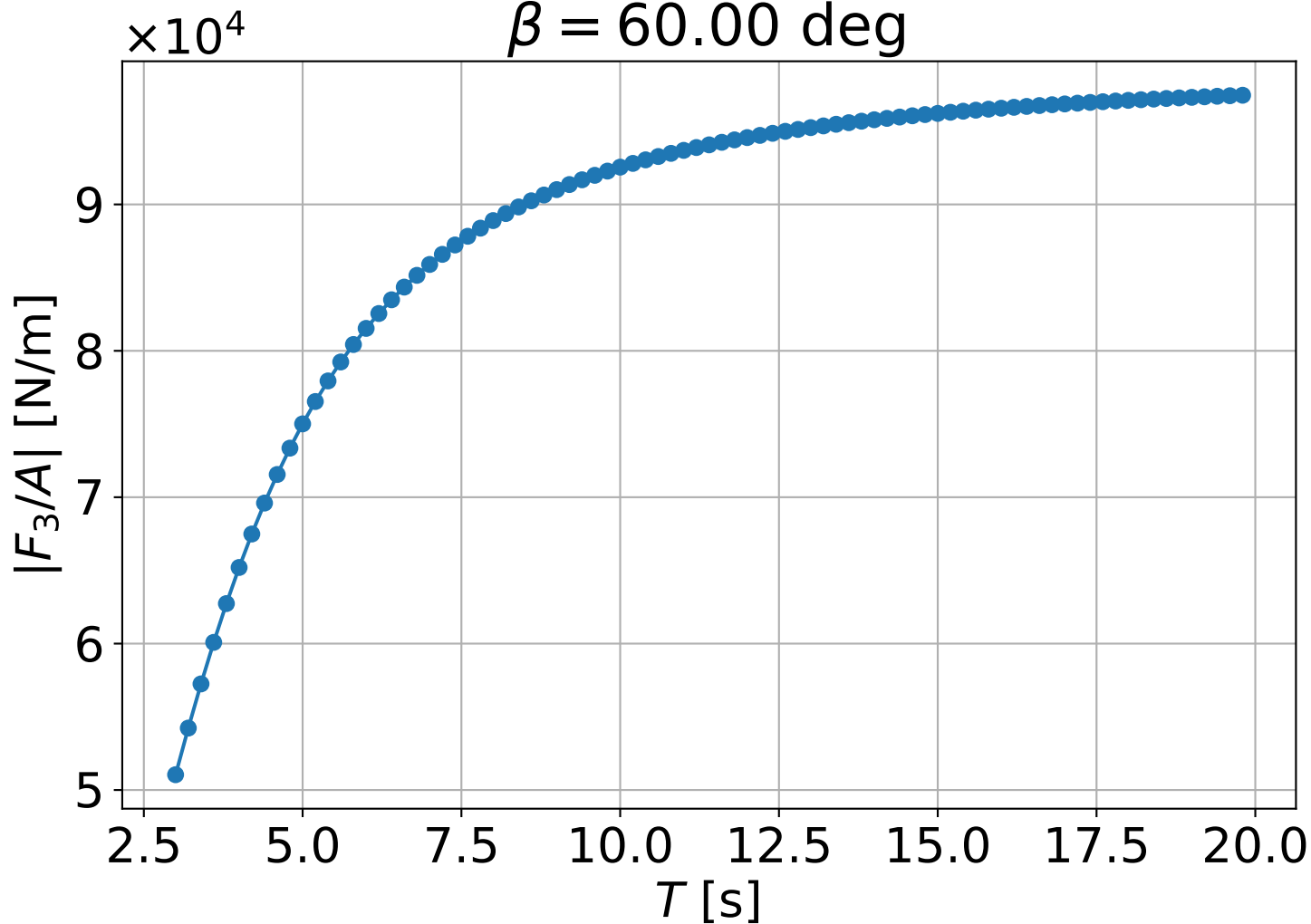
$\beta = 50.00$ deg



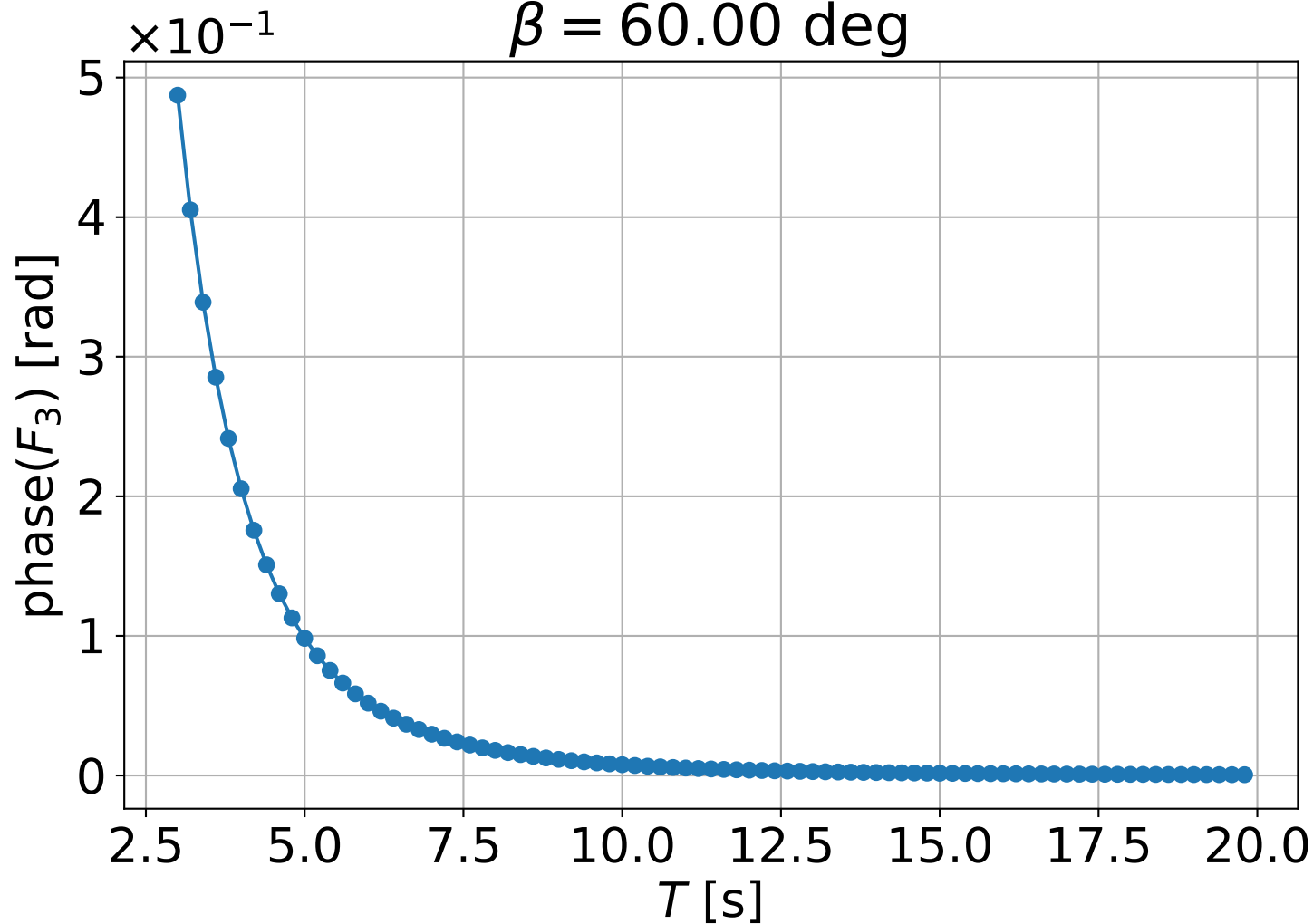
$\beta = 50.00$ deg

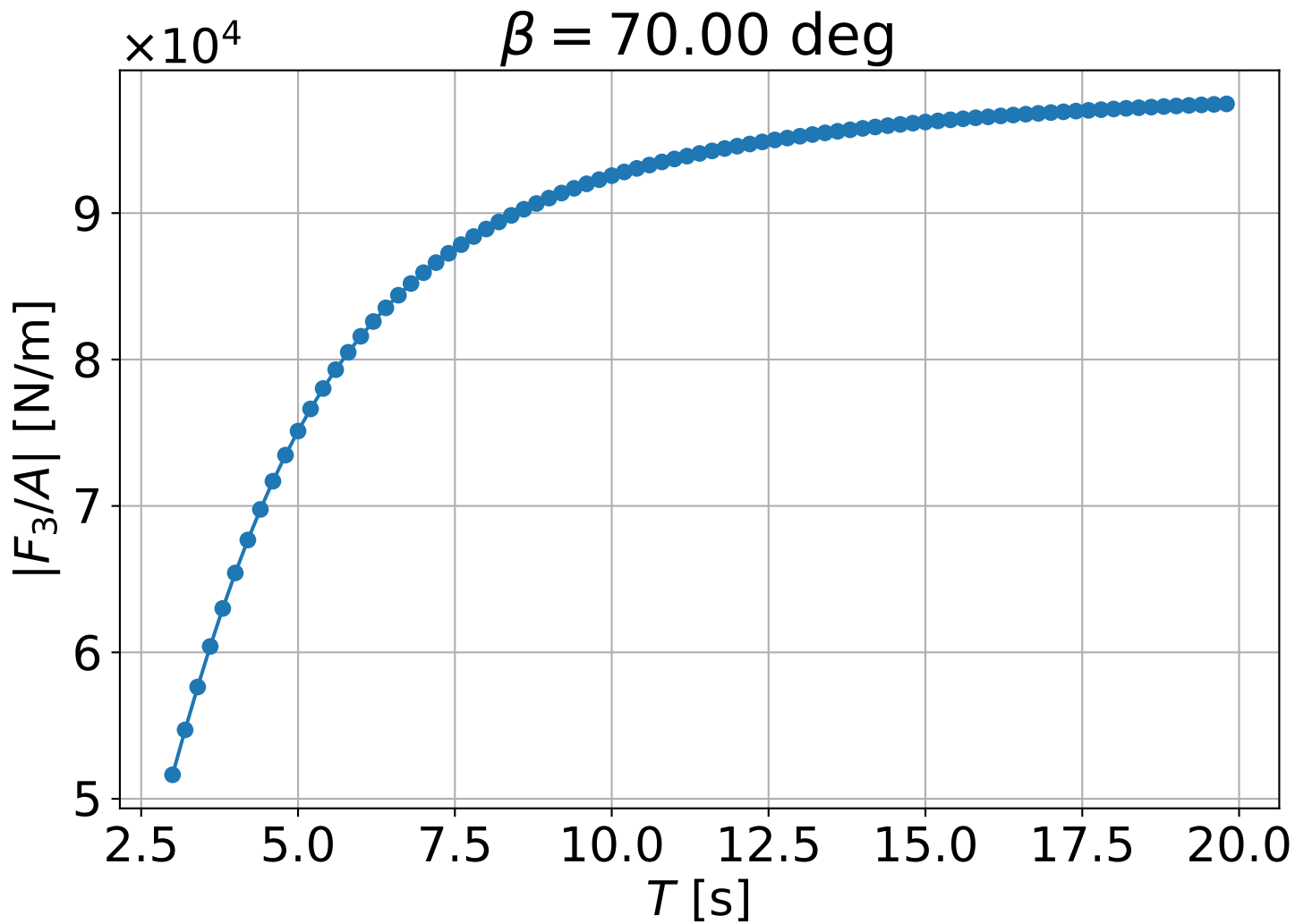


$\beta = 60.00$ deg

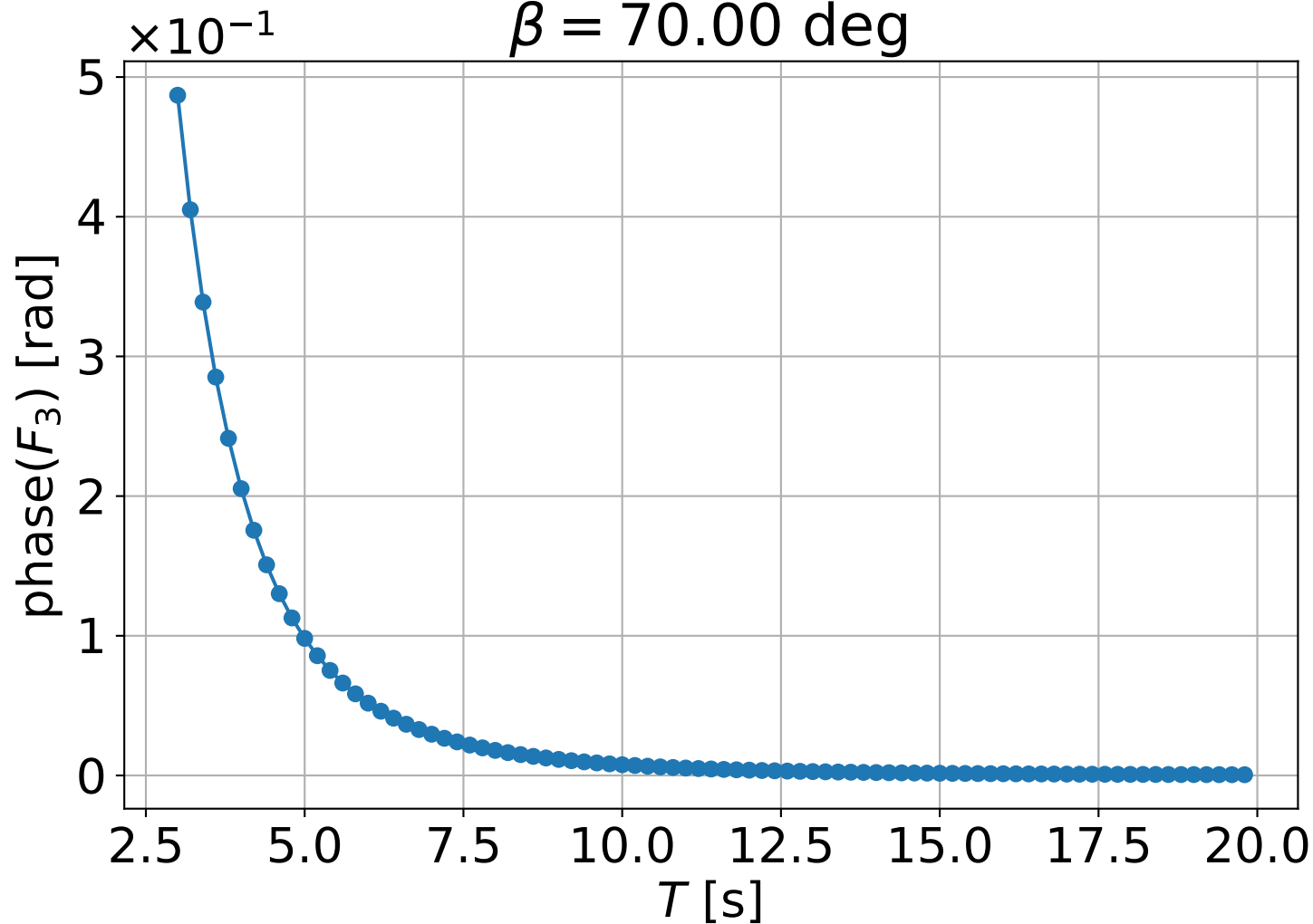


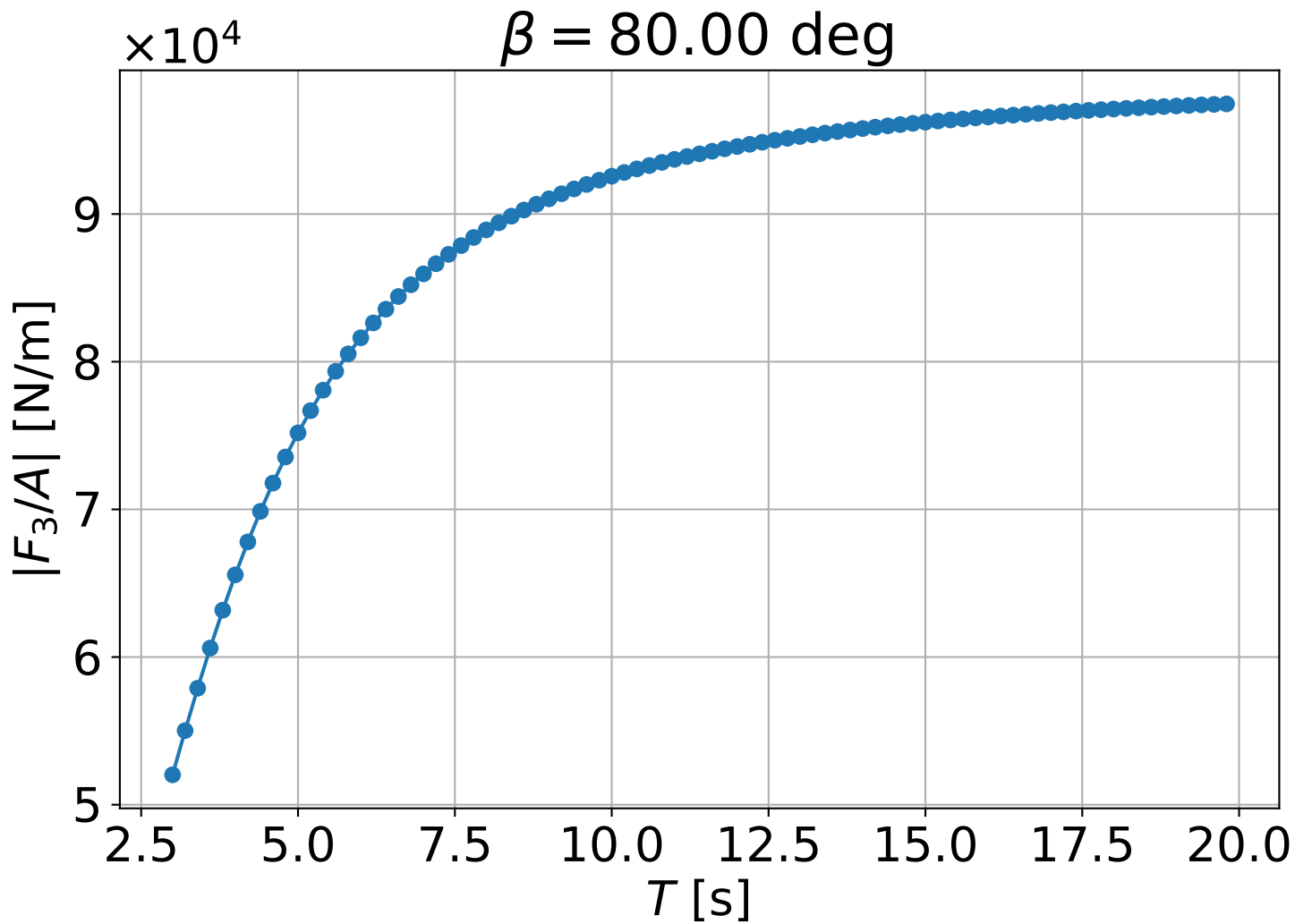
$\beta = 60.00$ deg



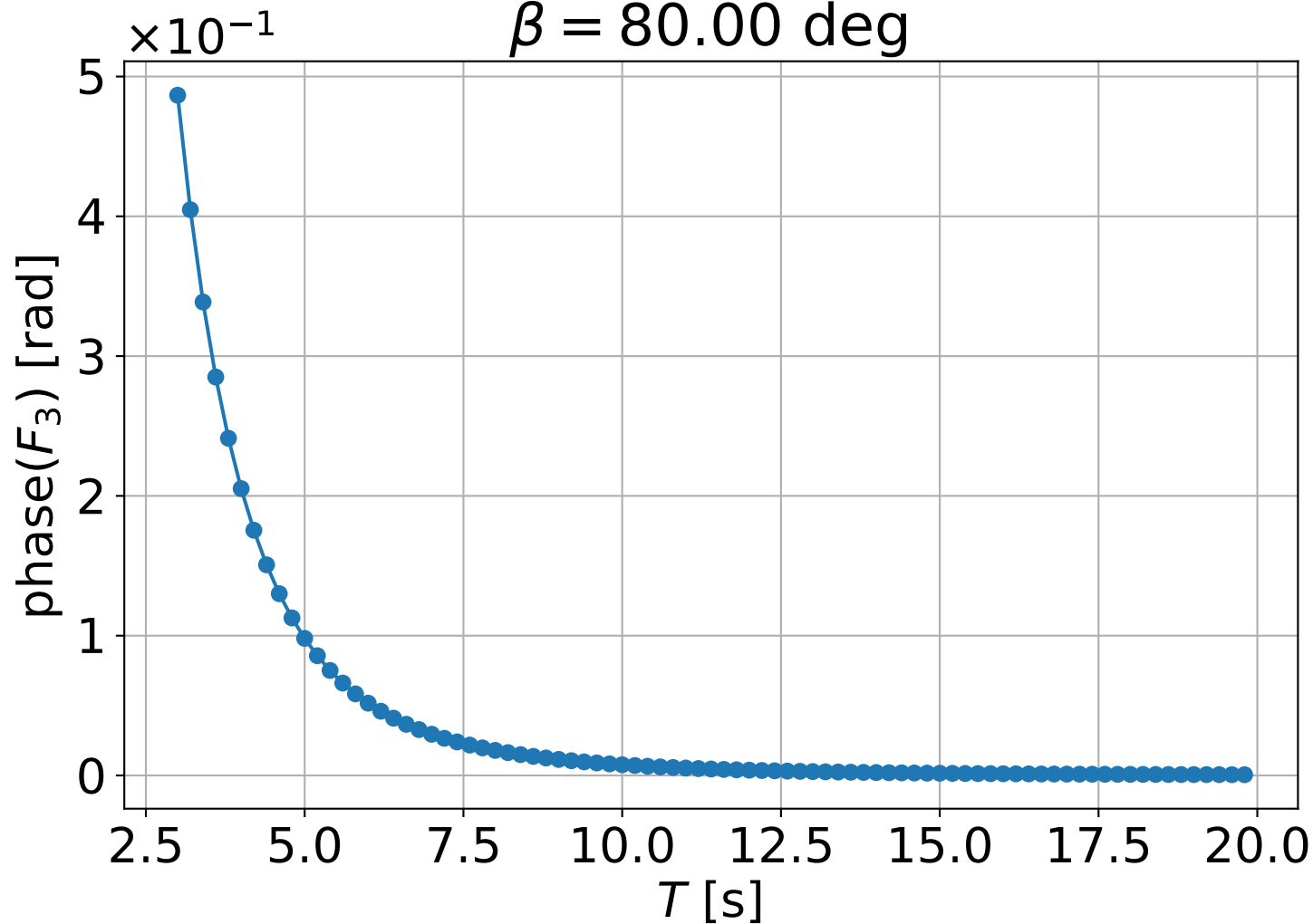


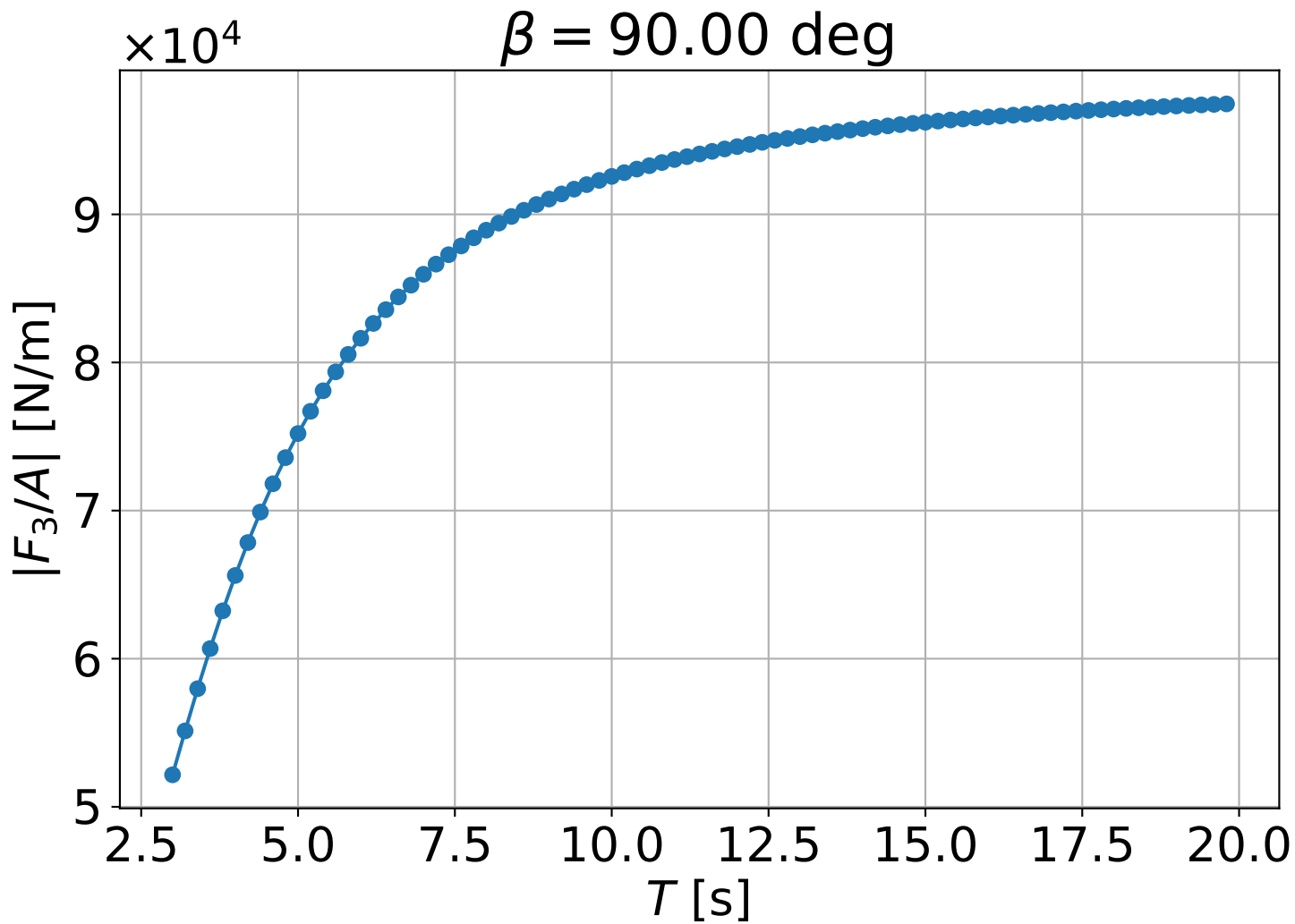
$\beta = 70.00$ deg



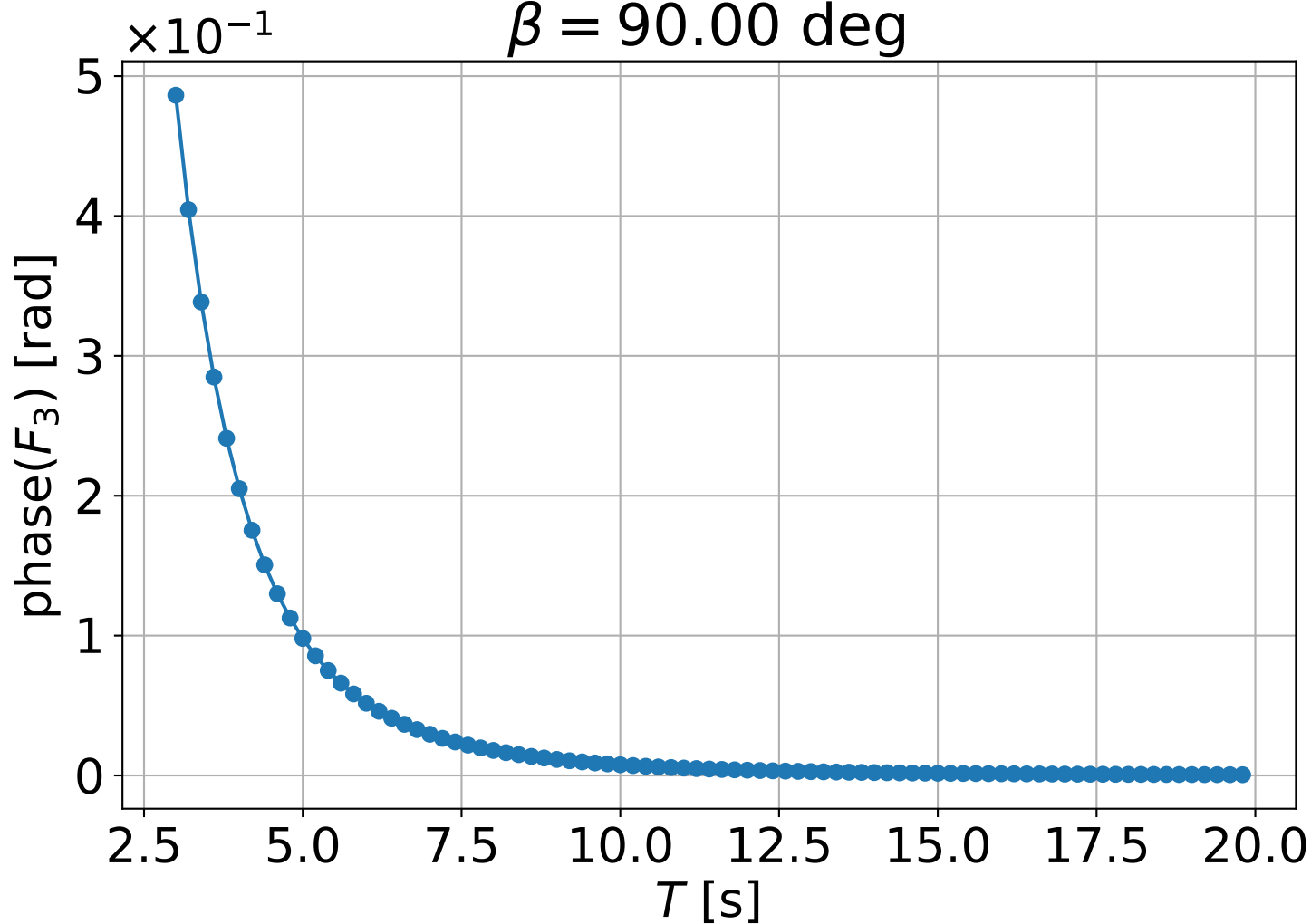


$\beta = 80.00$ deg

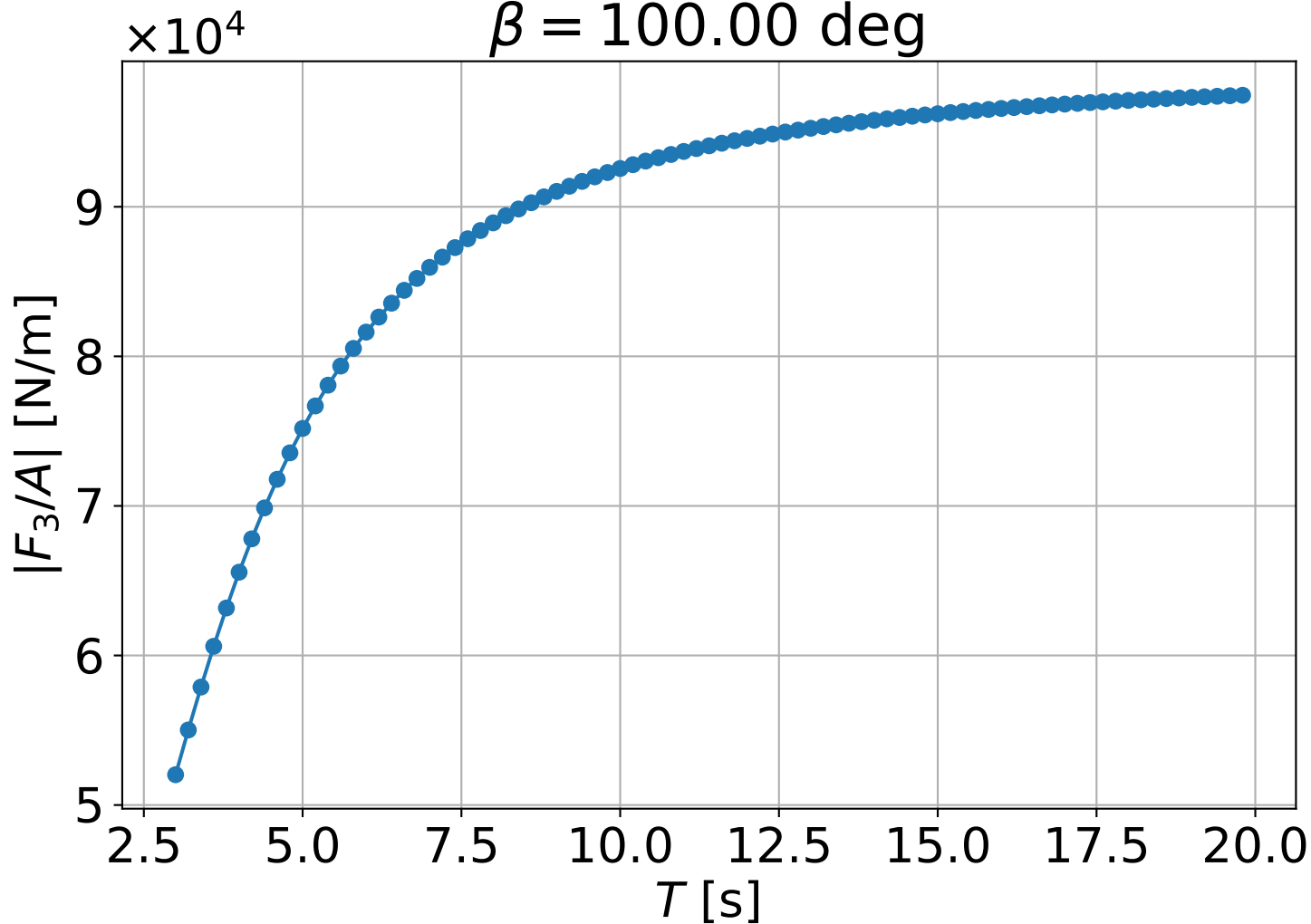




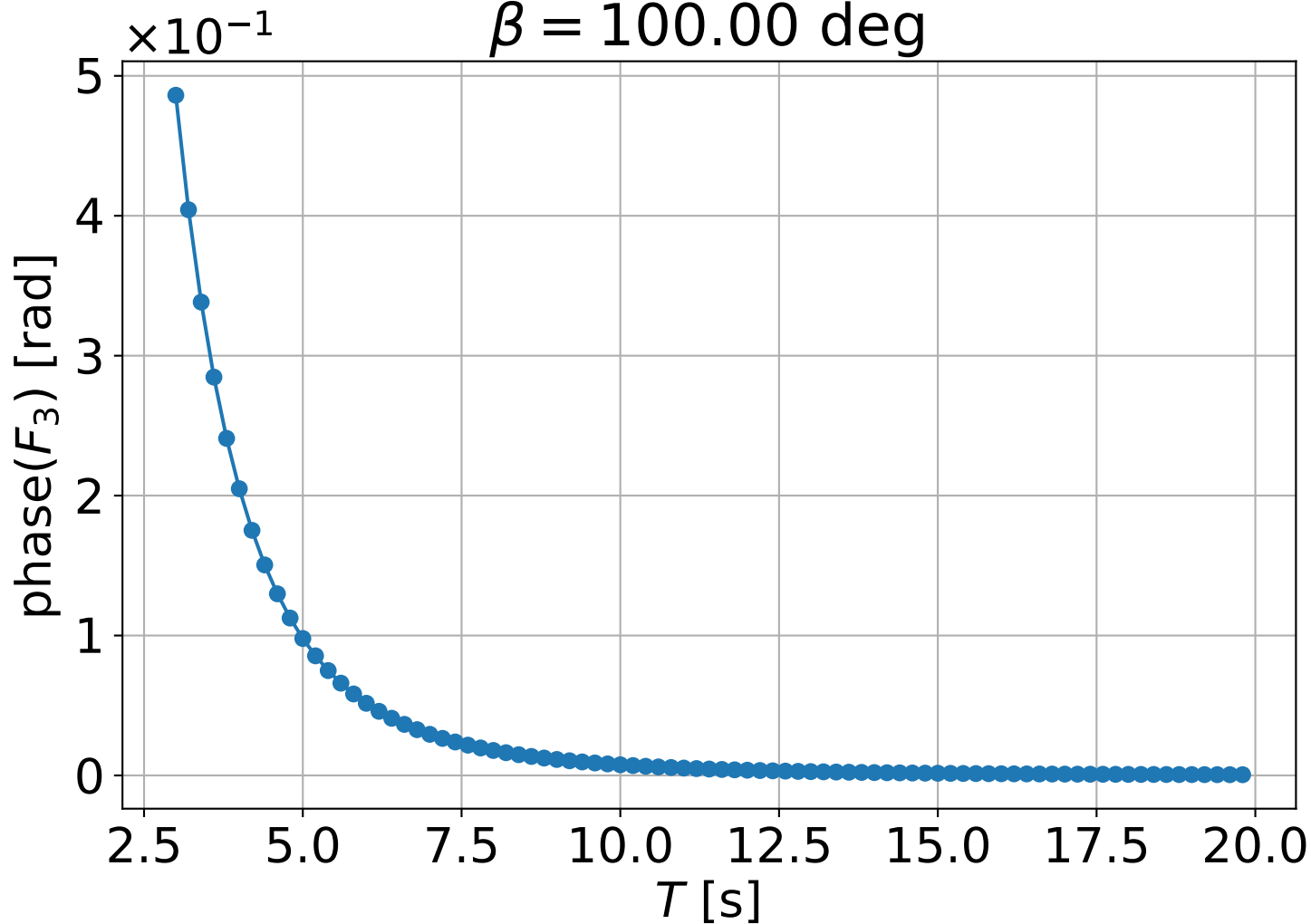
$\beta = 90.00$ deg



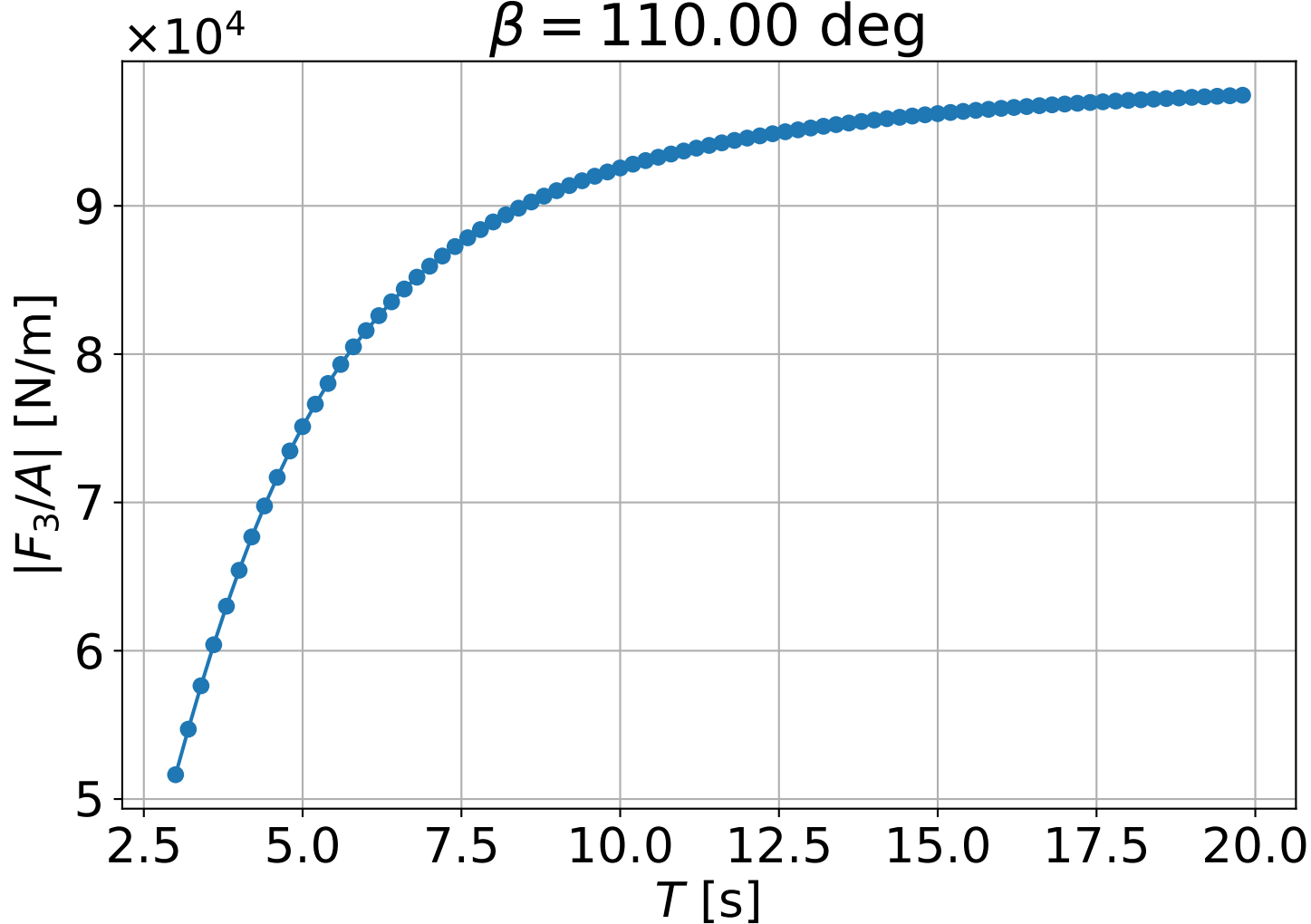
$\beta = 100.00$ deg



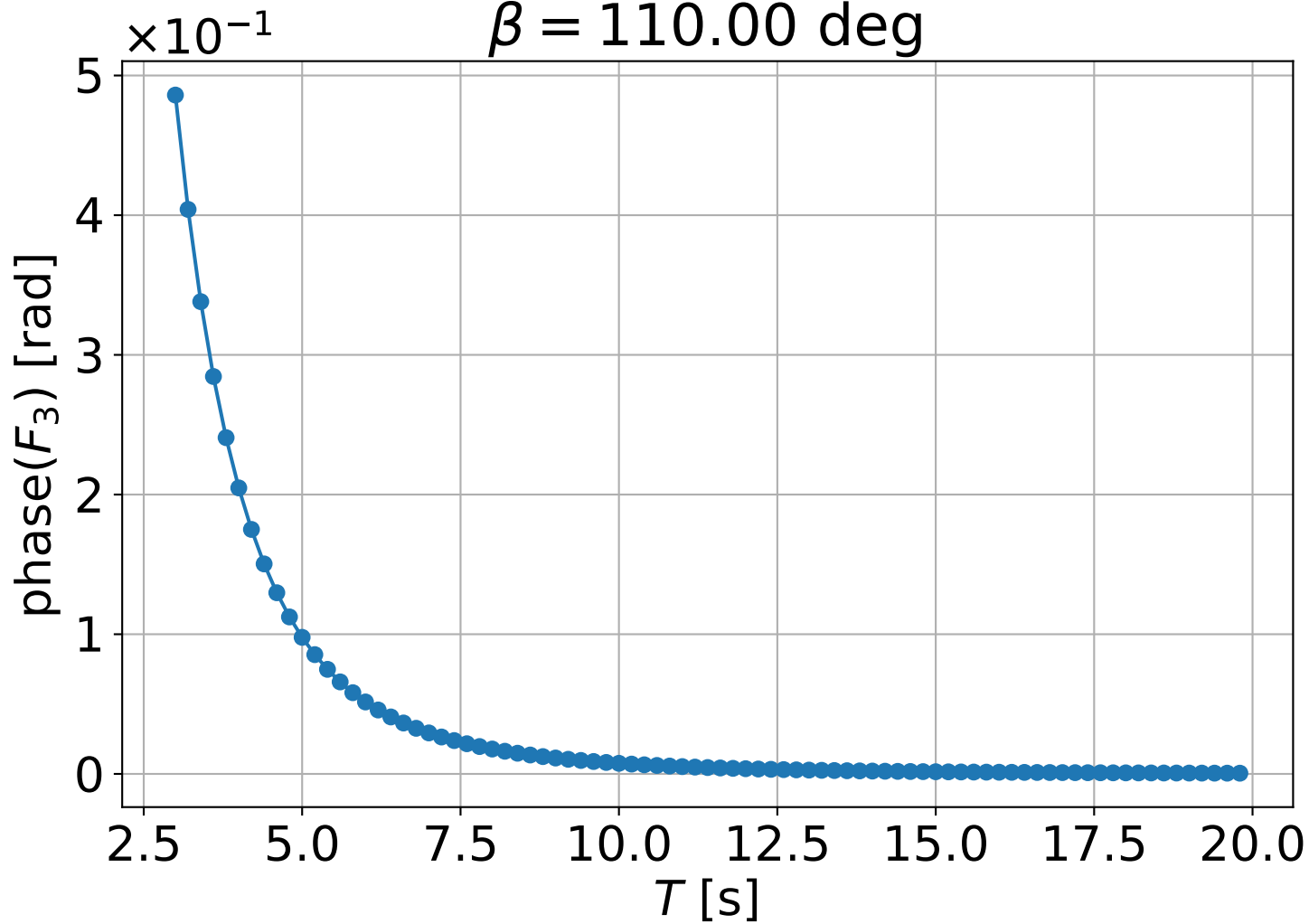
$\beta = 100.00$ deg



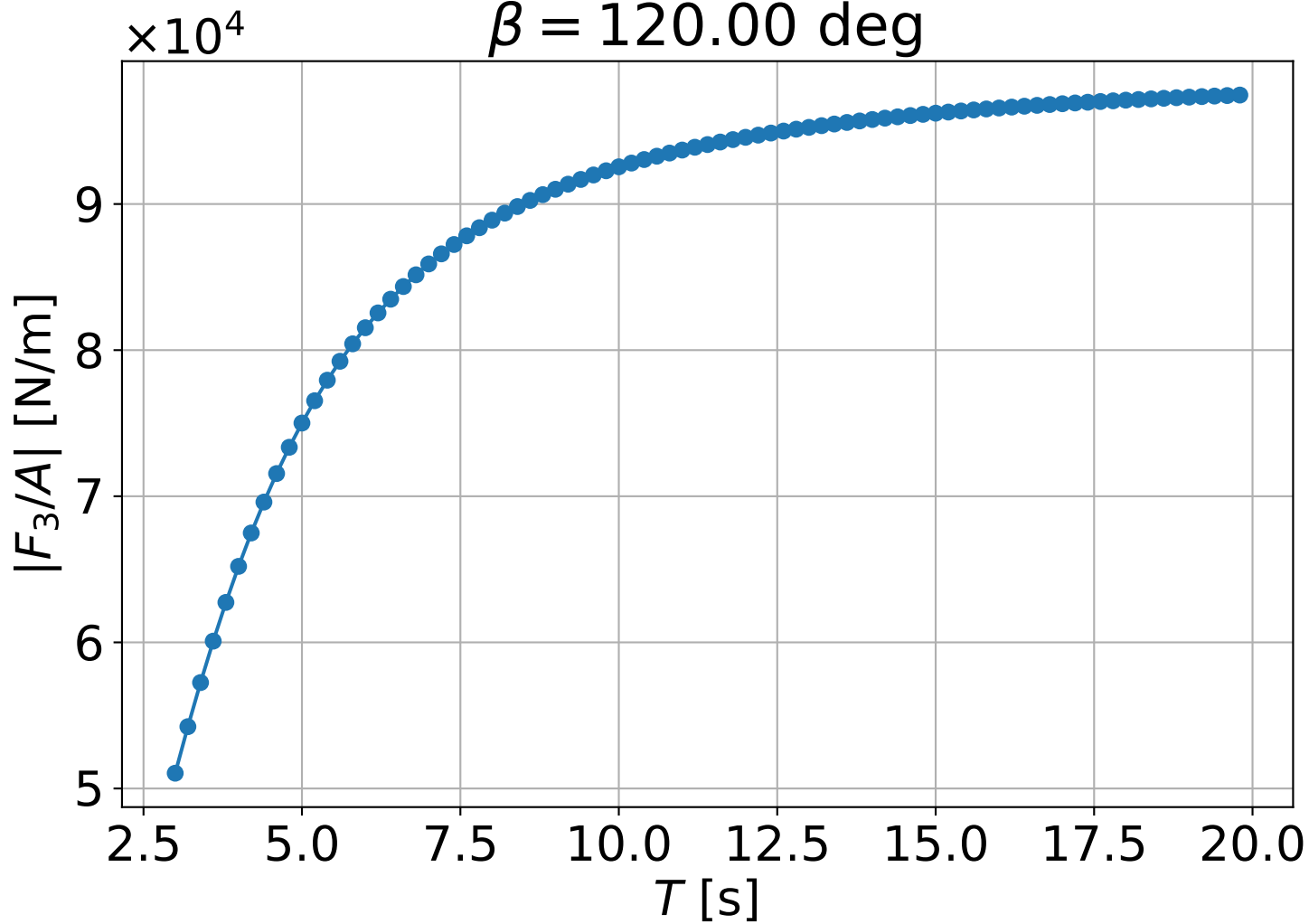
$\beta = 110.00$ deg



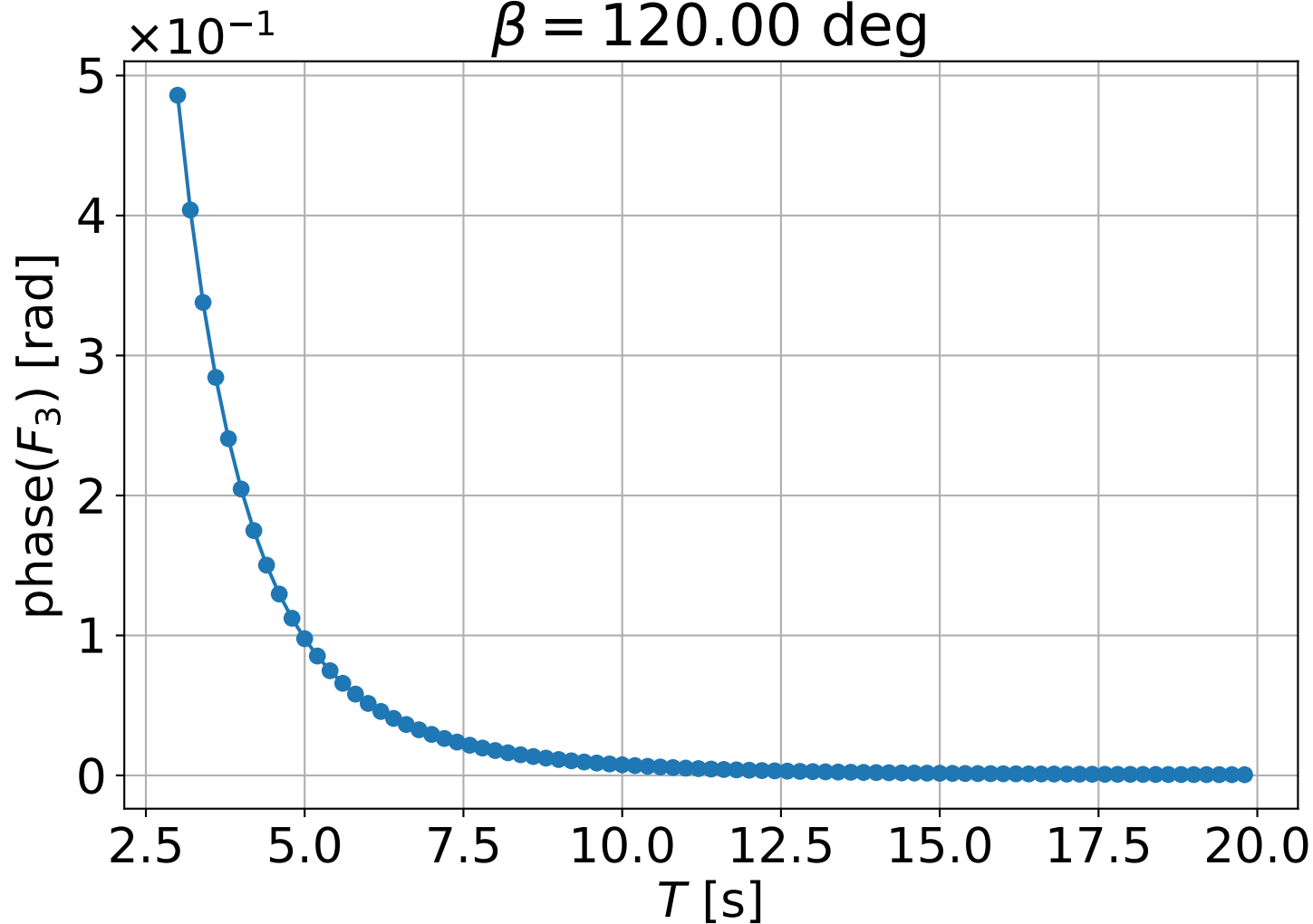
$\beta = 110.00$ deg



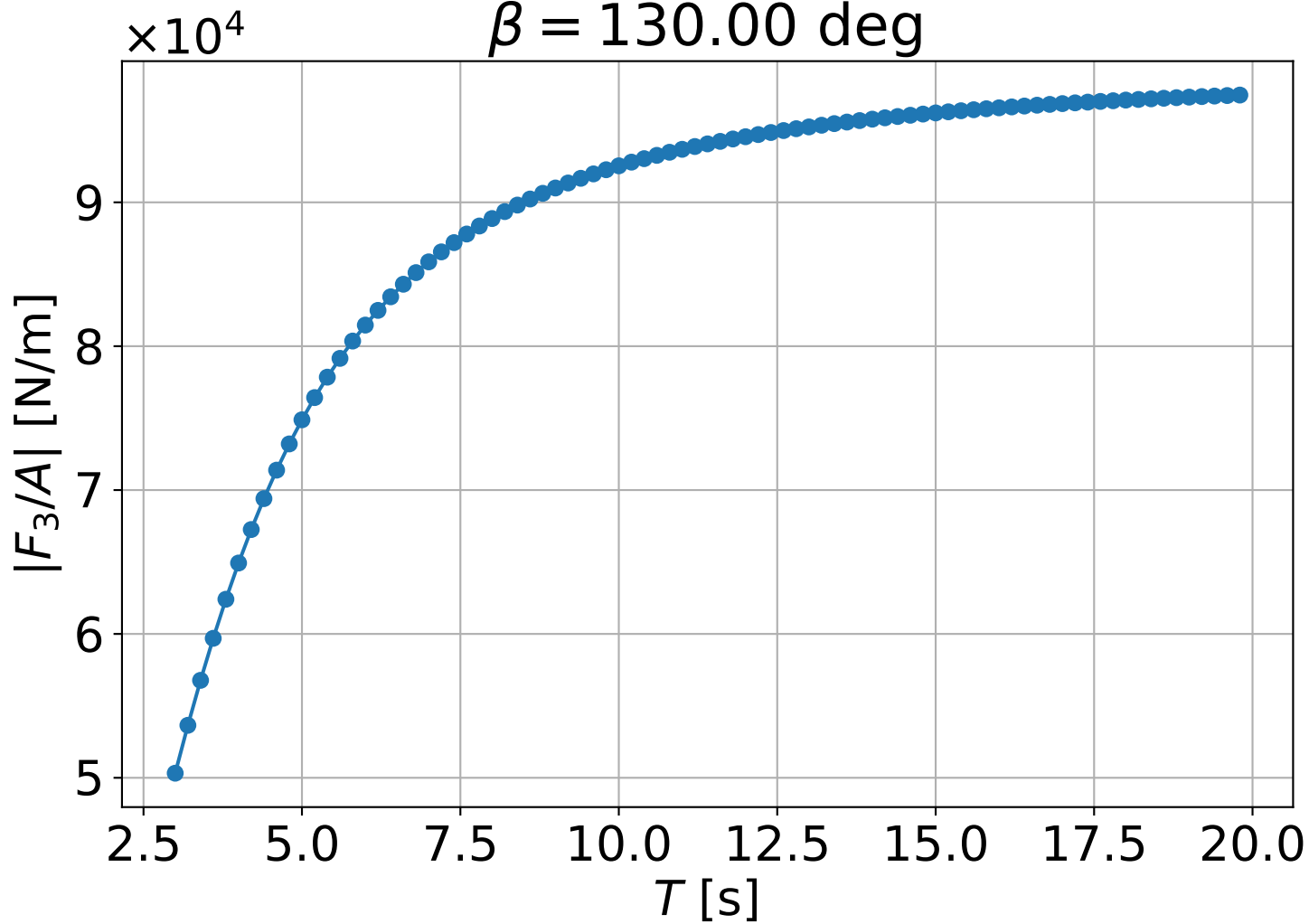
$\beta = 120.00$ deg



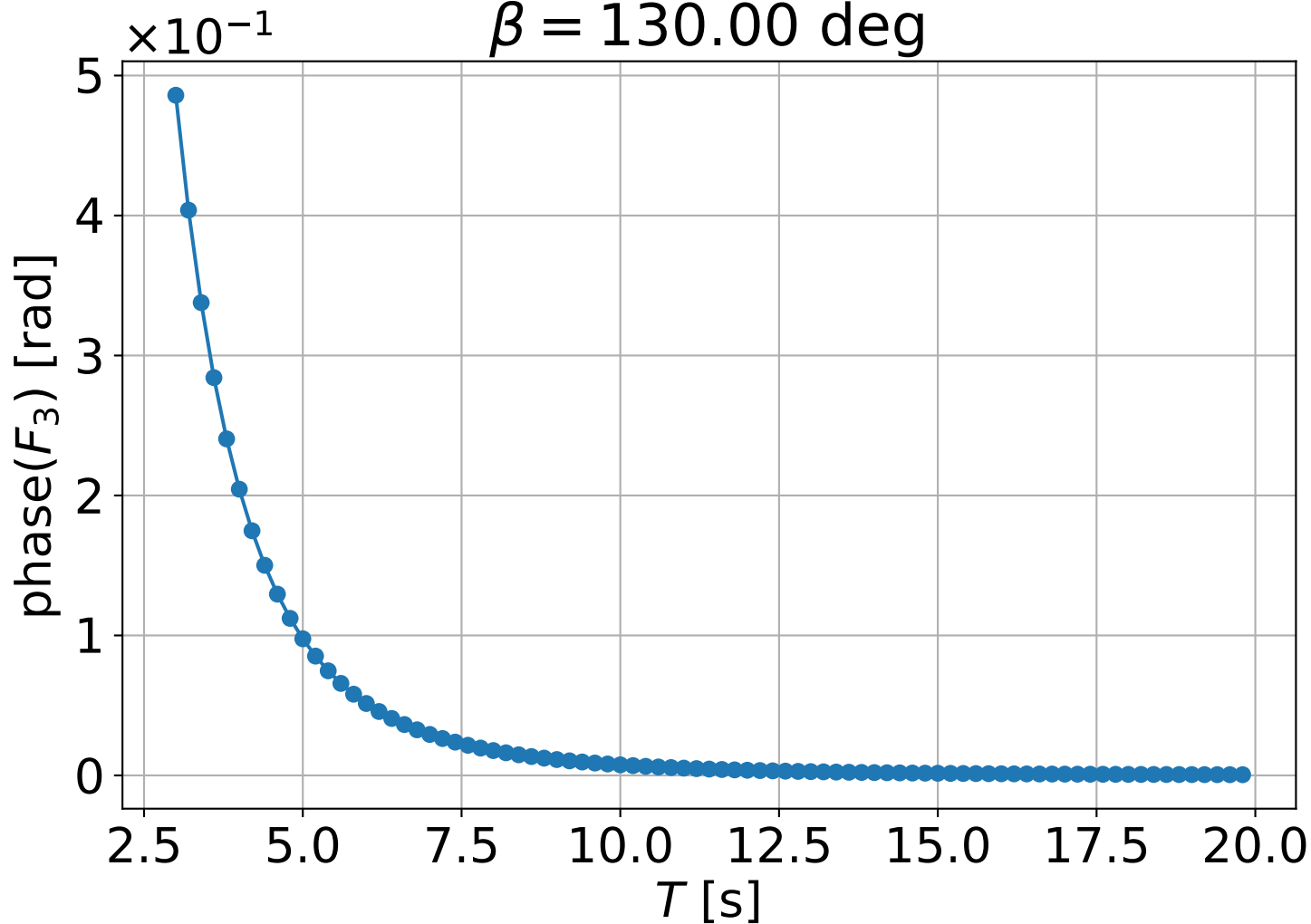
$\beta = 120.00$ deg



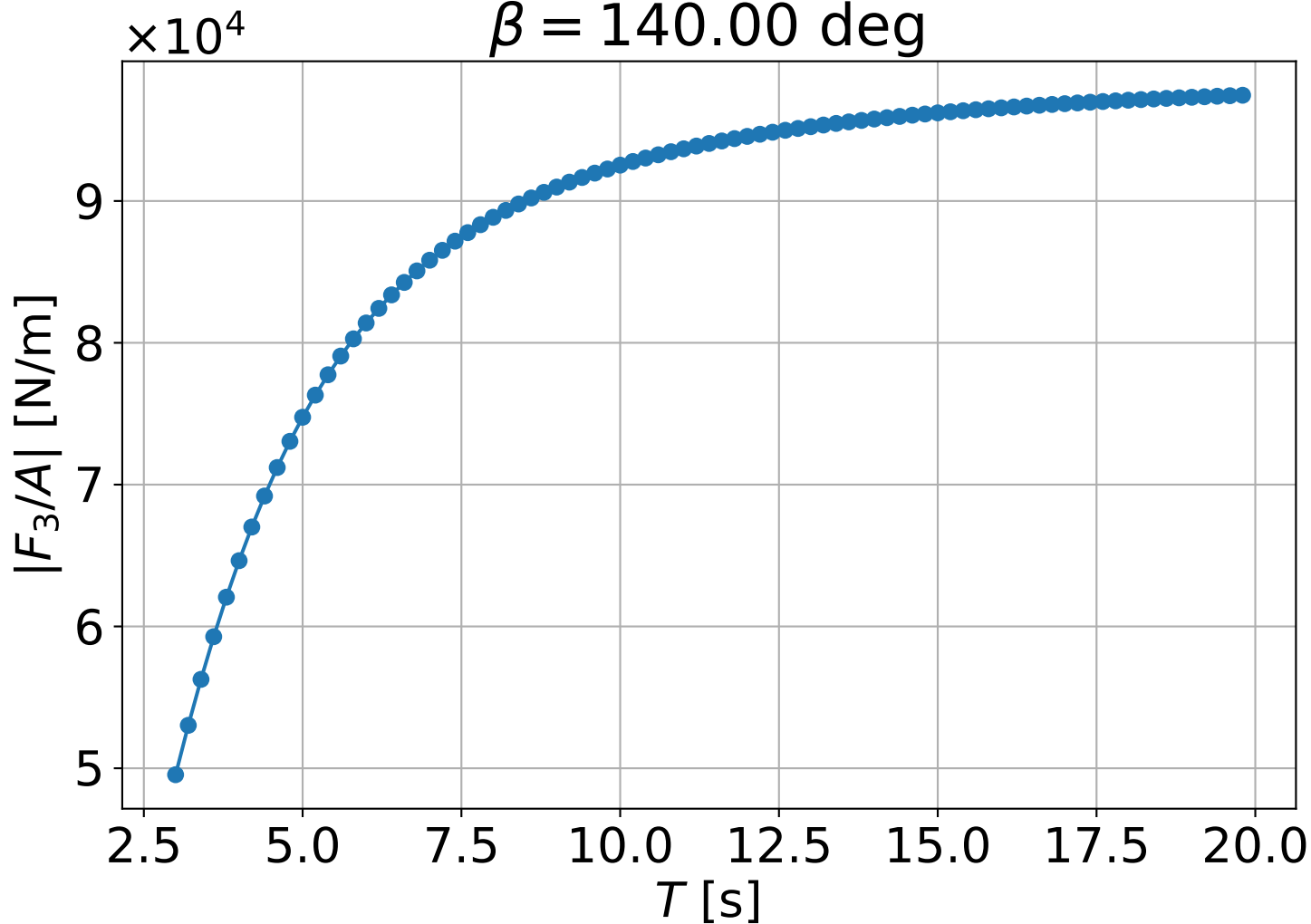
$\beta = 130.00$ deg



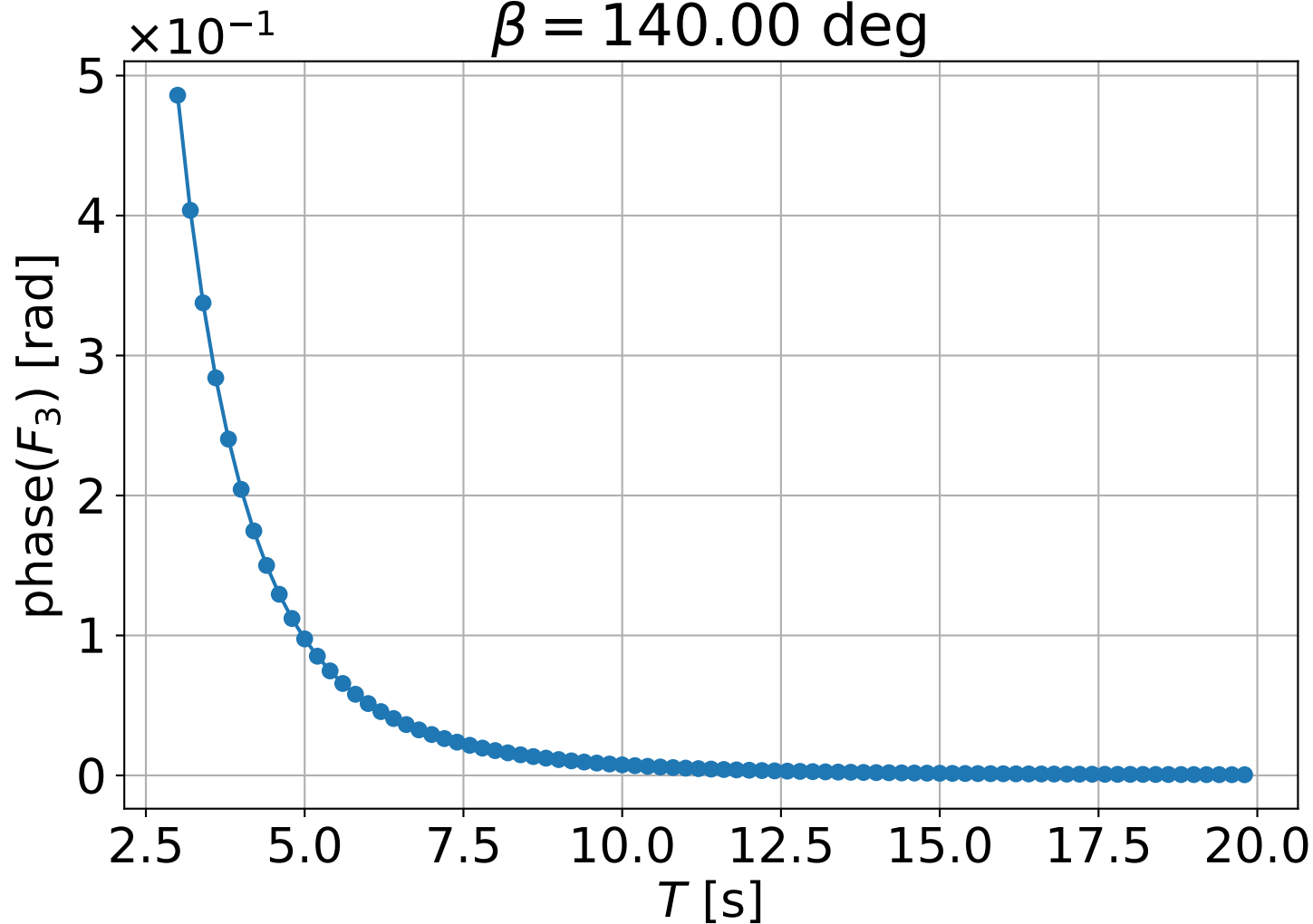
$\beta = 130.00$ deg



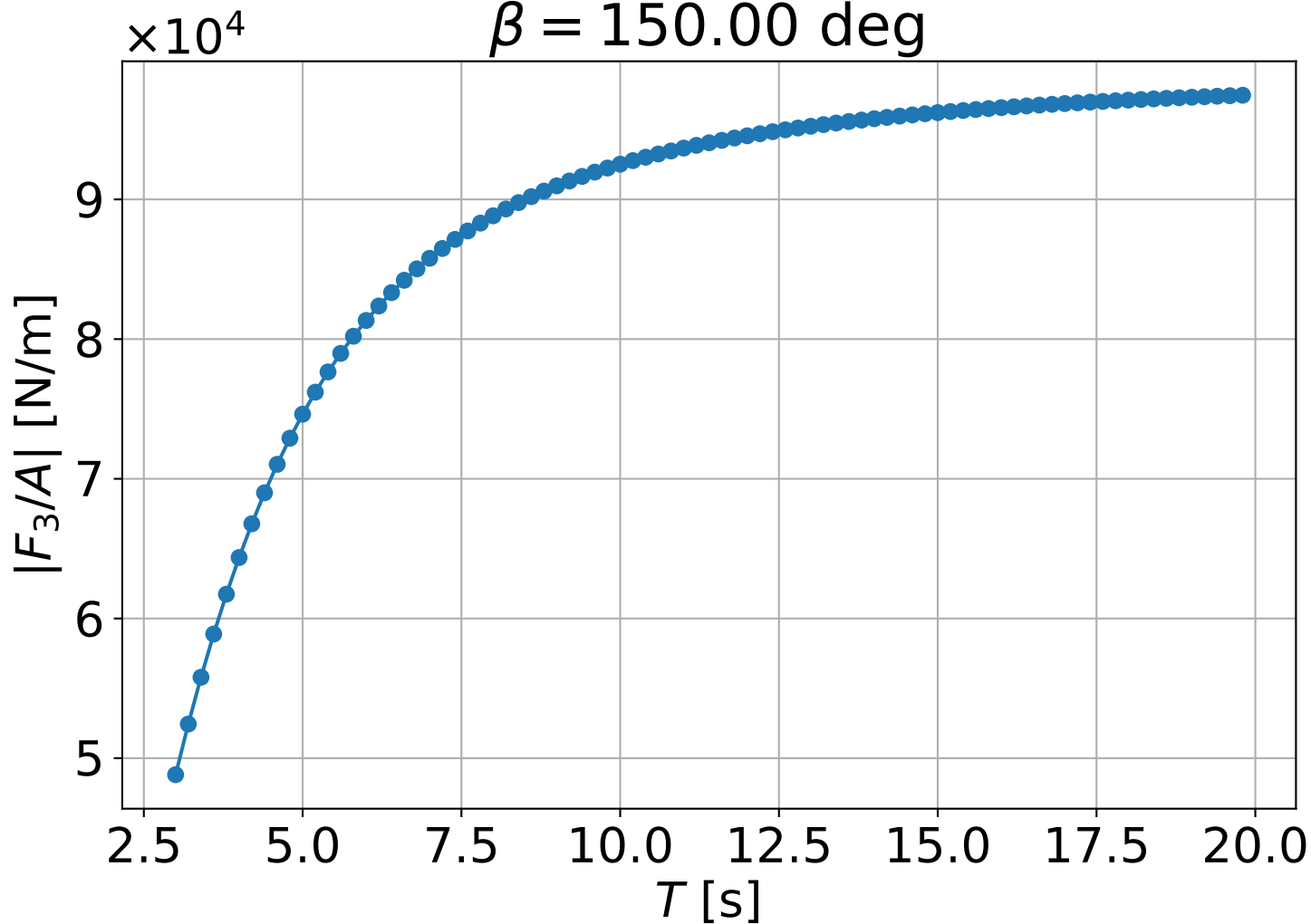
$\beta = 140.00$ deg



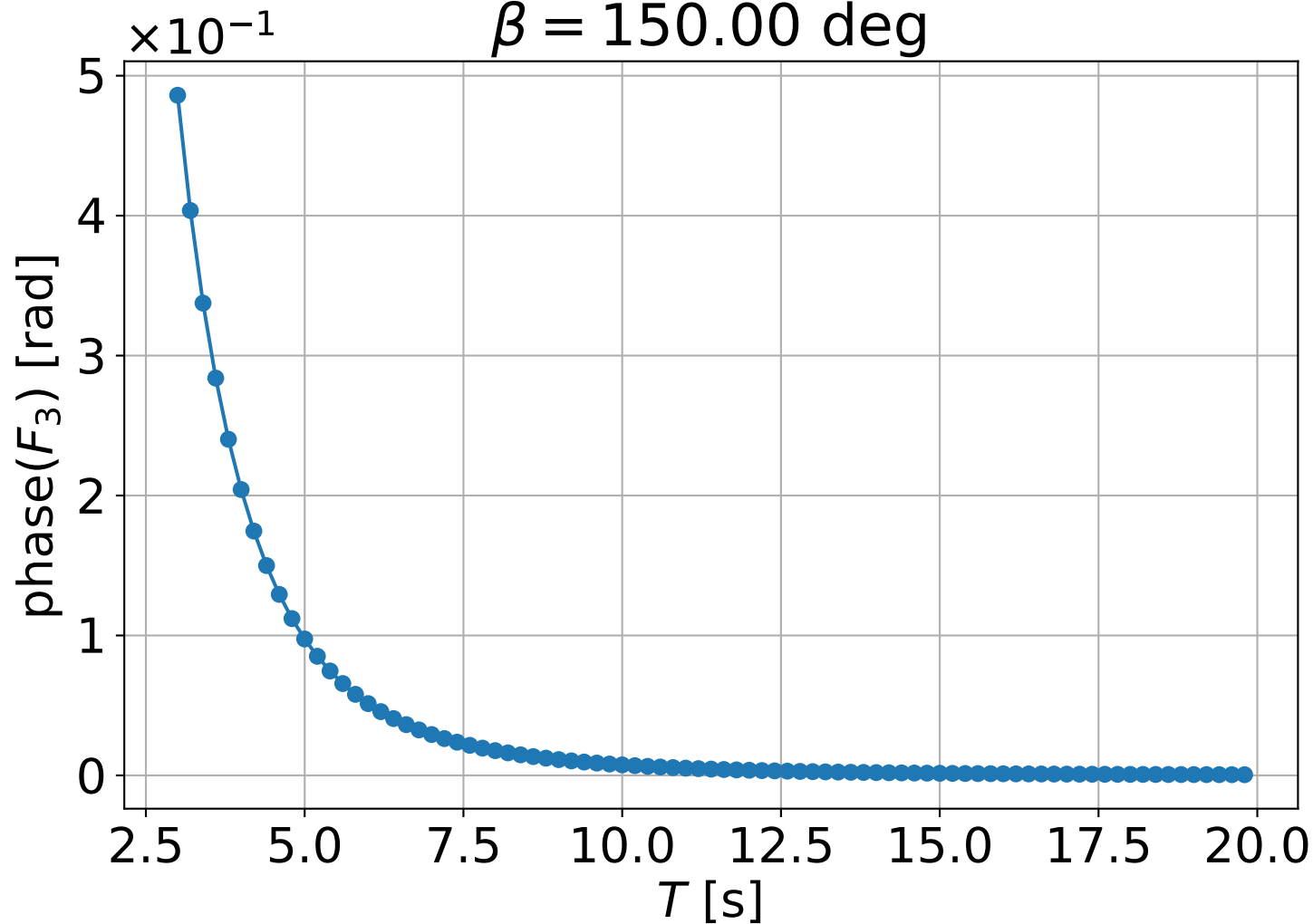
$\beta = 140.00$ deg



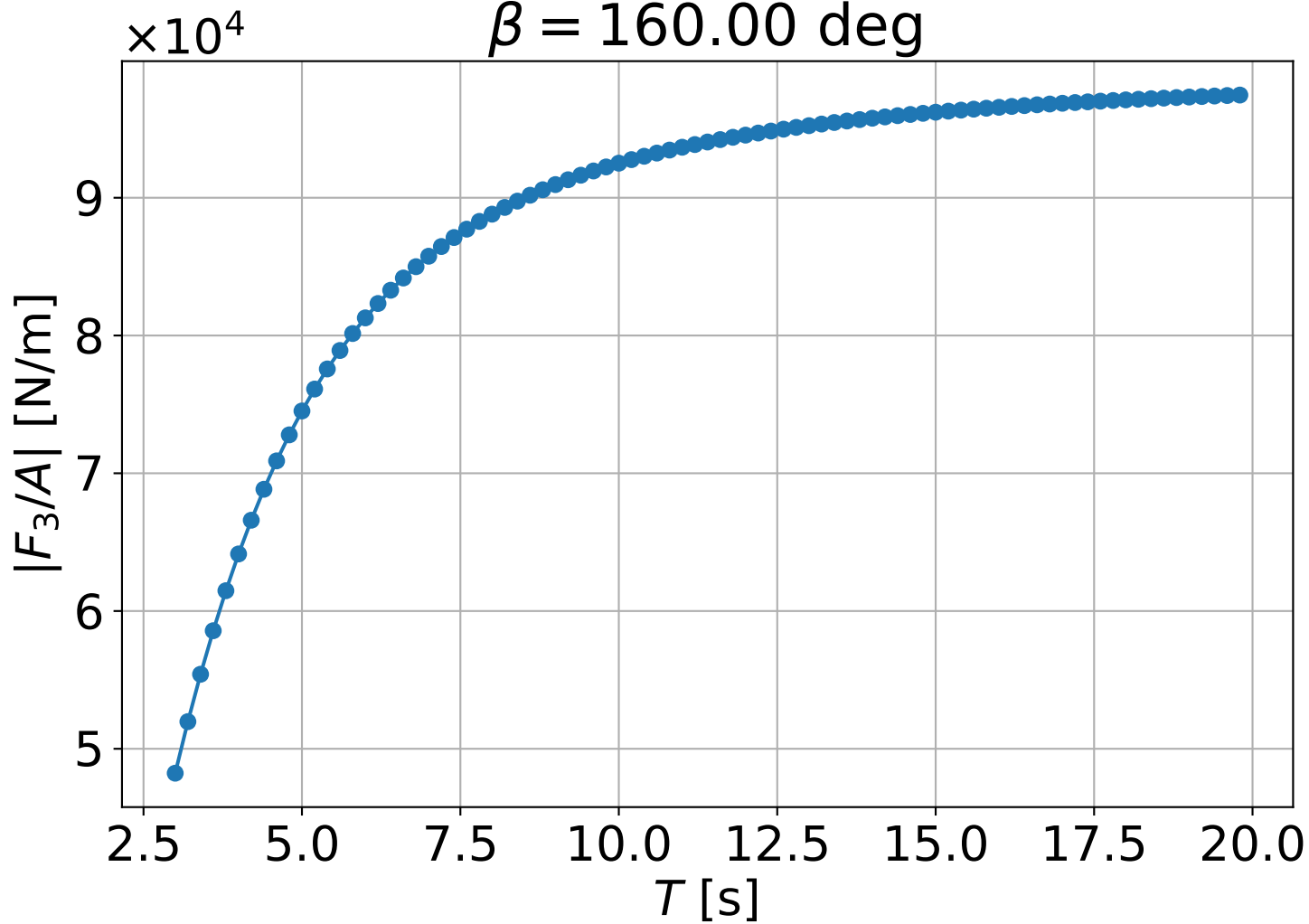
$\beta = 150.00$ deg



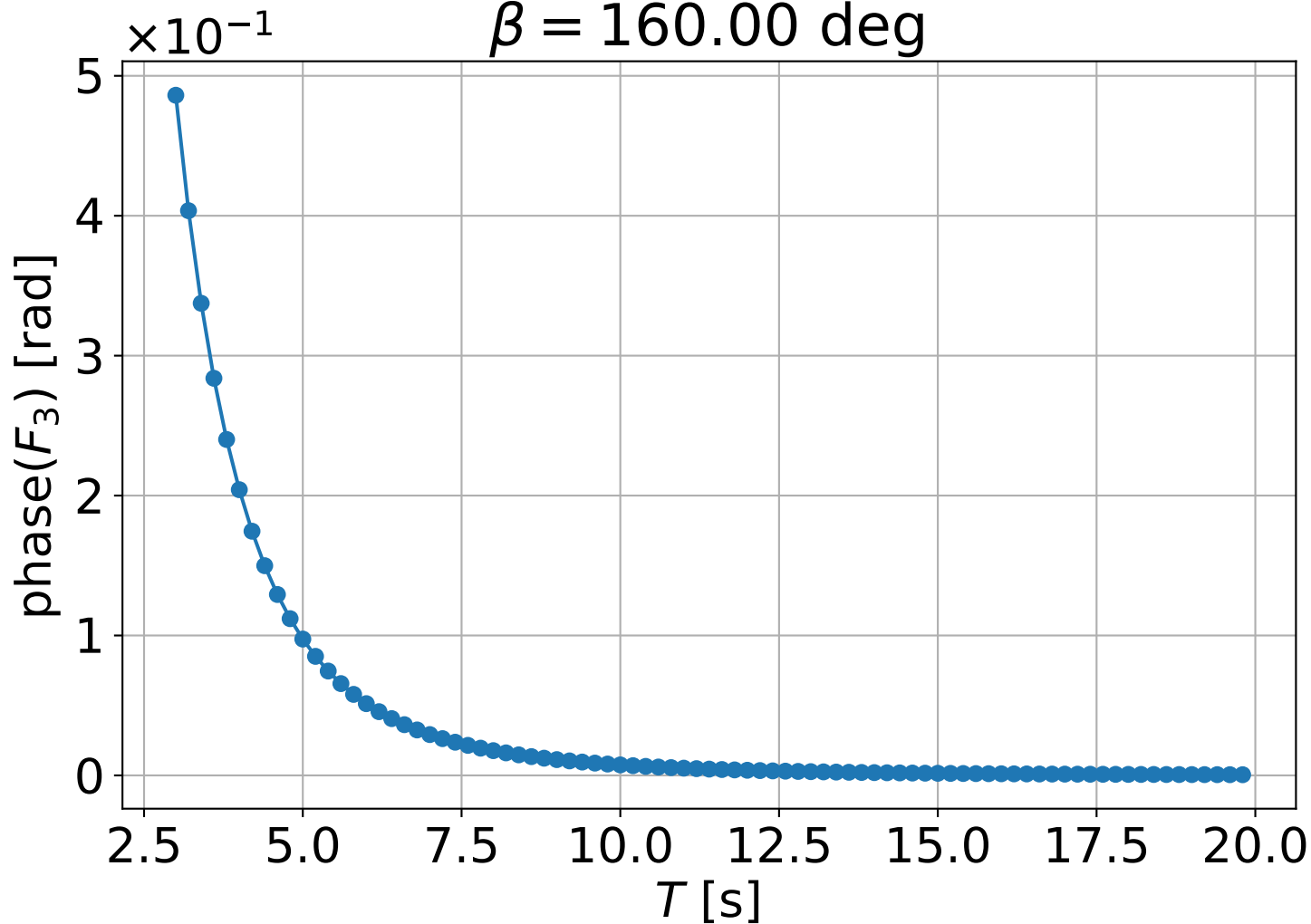
$\beta = 150.00$ deg



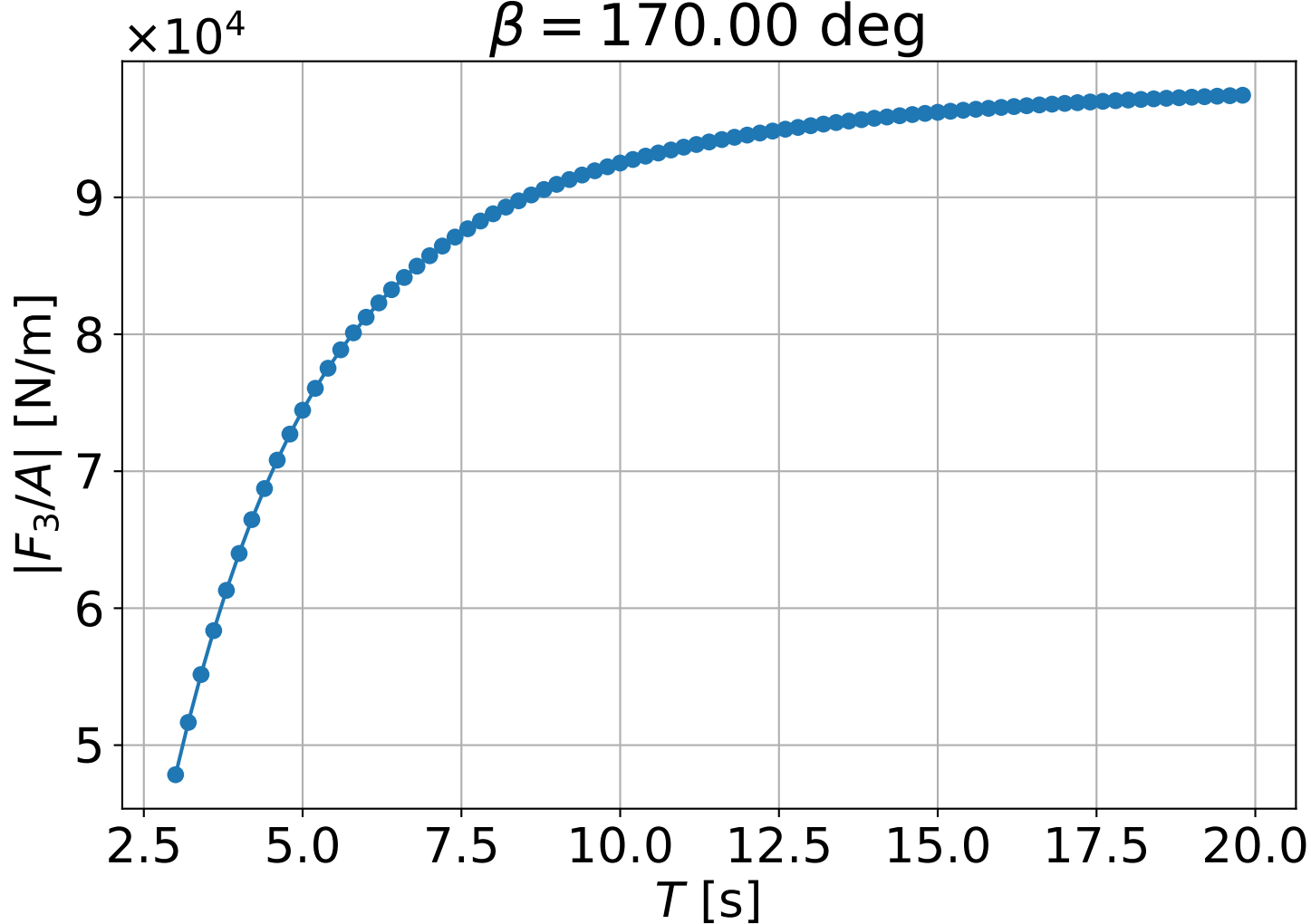
$\beta = 160.00$ deg



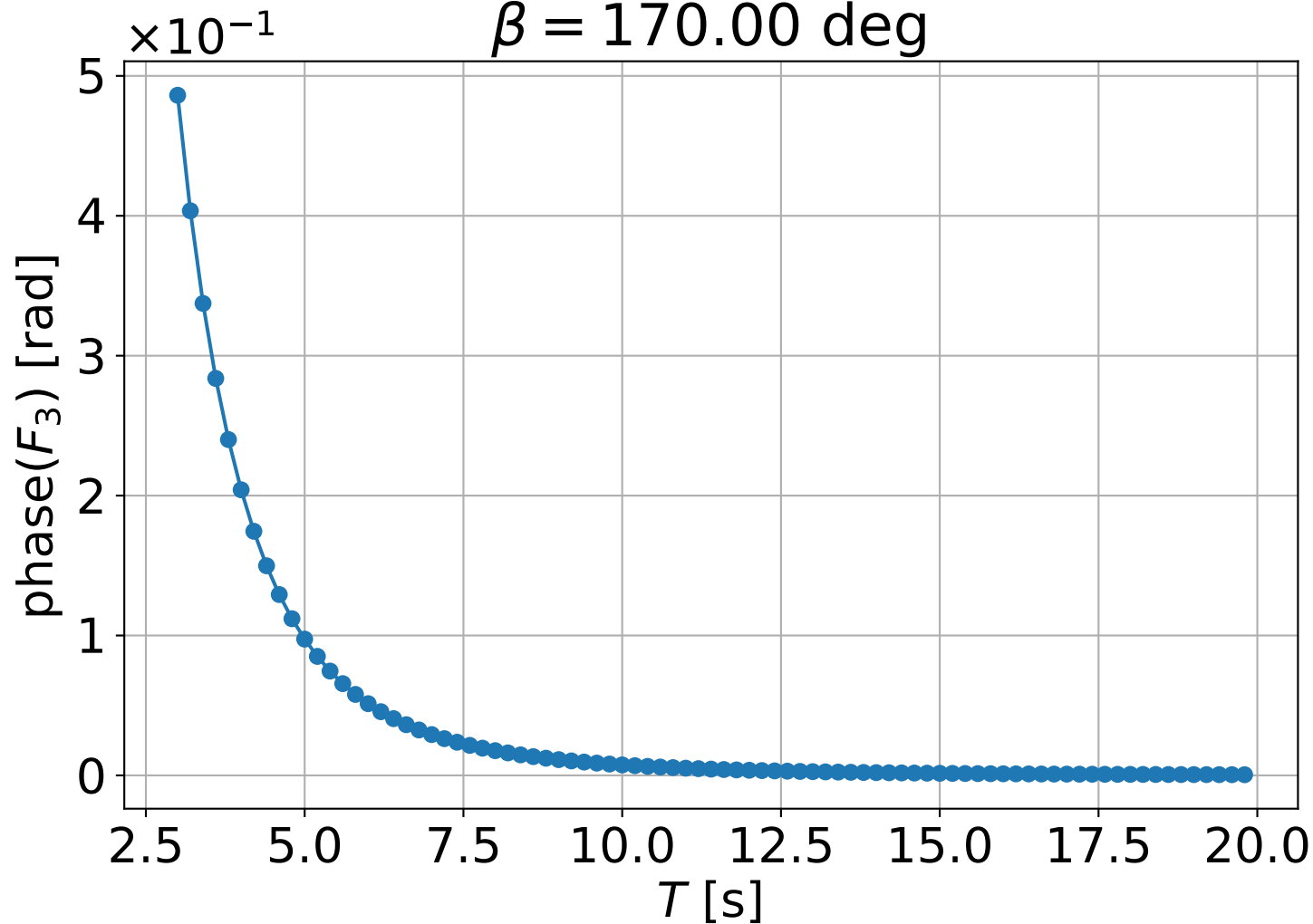
$\beta = 160.00$ deg



$\beta = 170.00$ deg

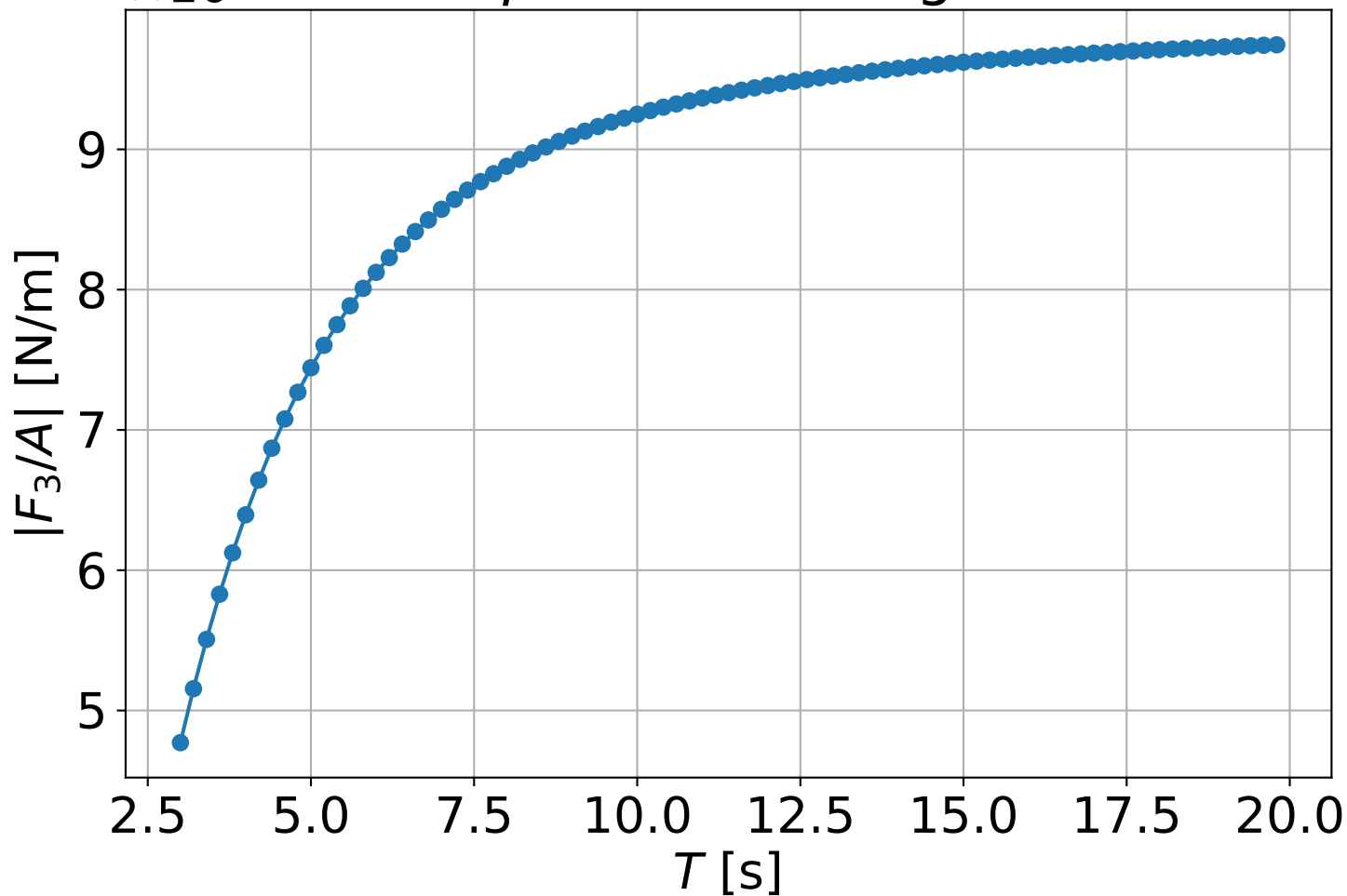


$\beta = 170.00$ deg

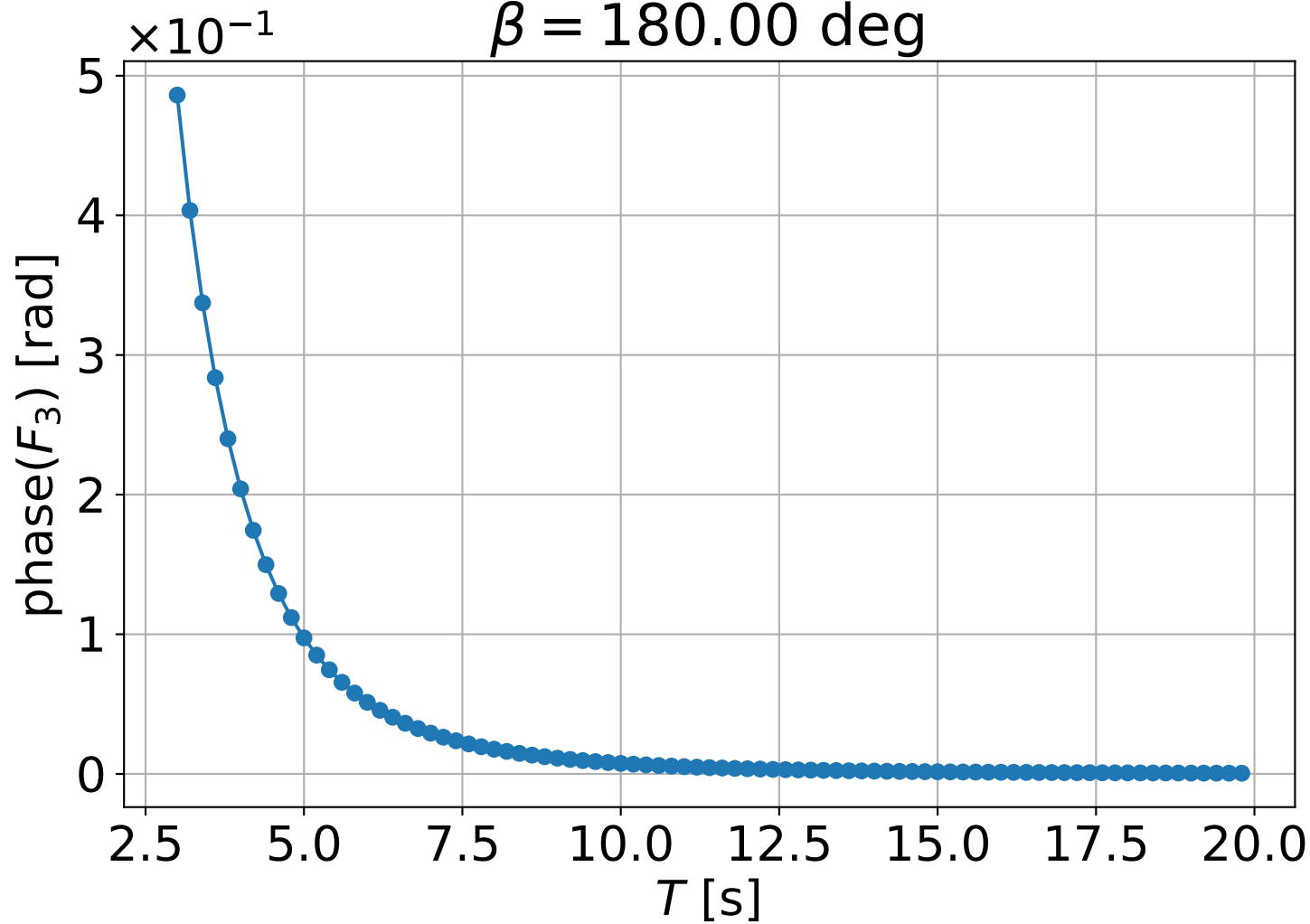


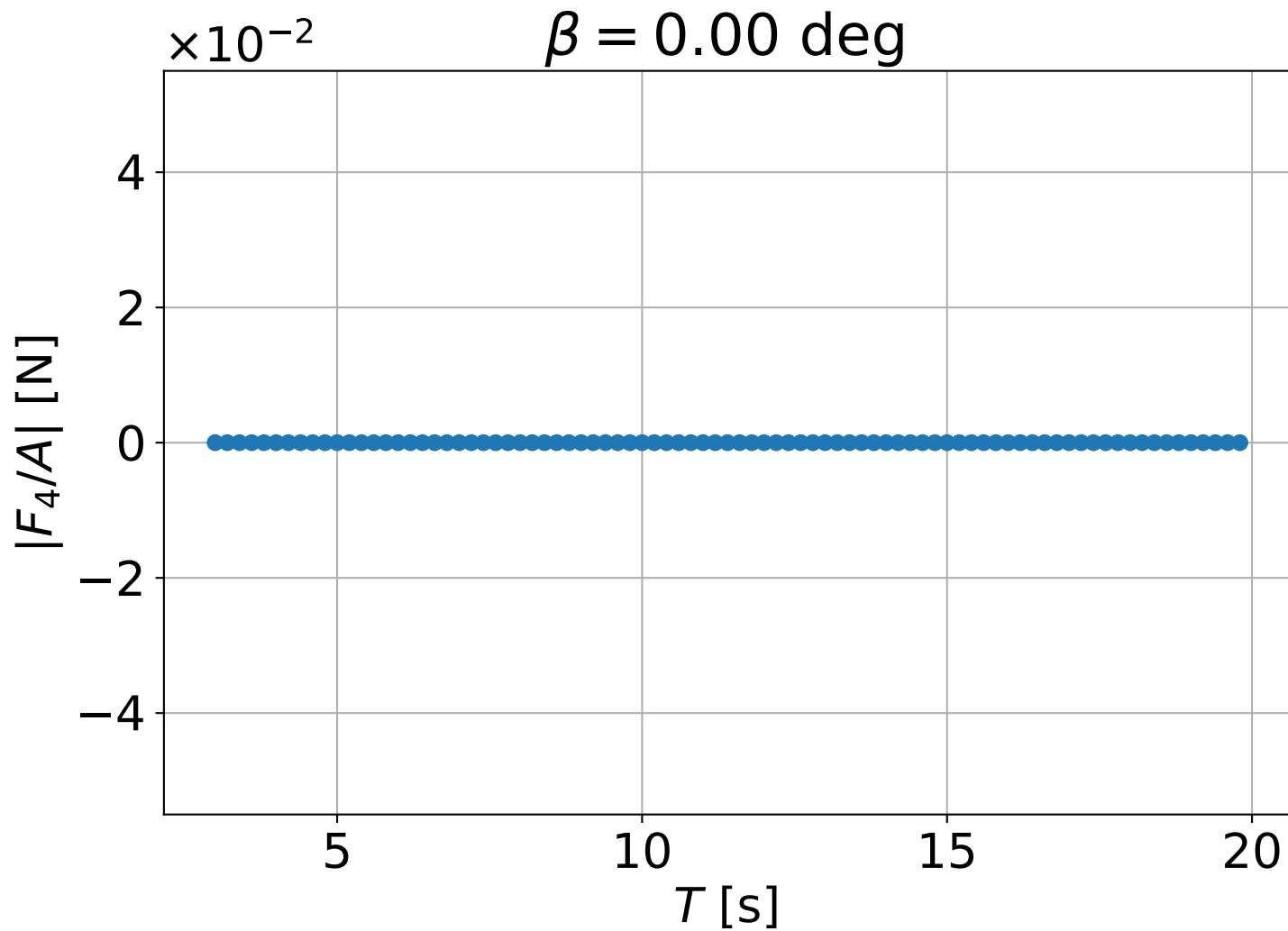
$\beta = 180.00$ deg

$\times 10^4$

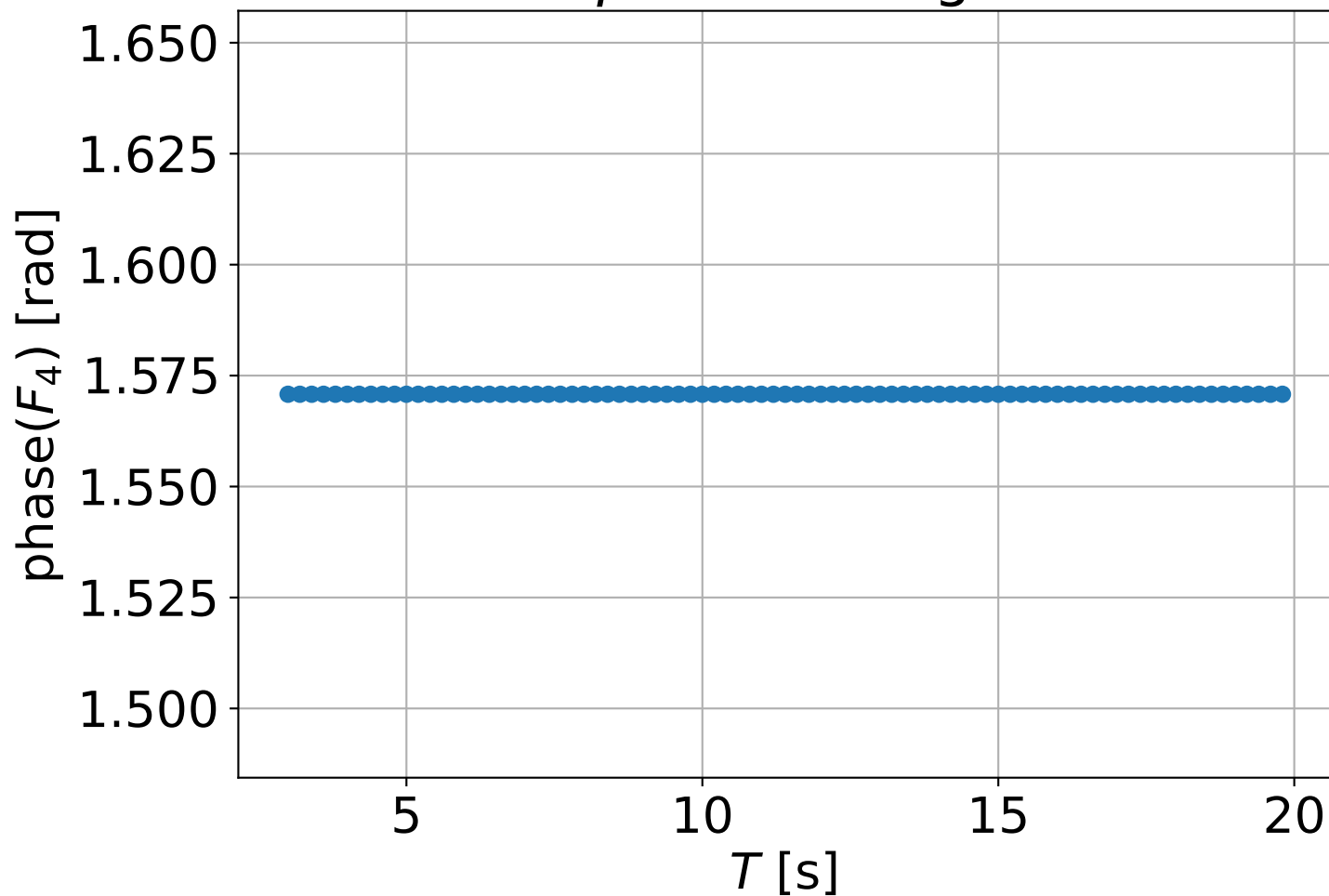


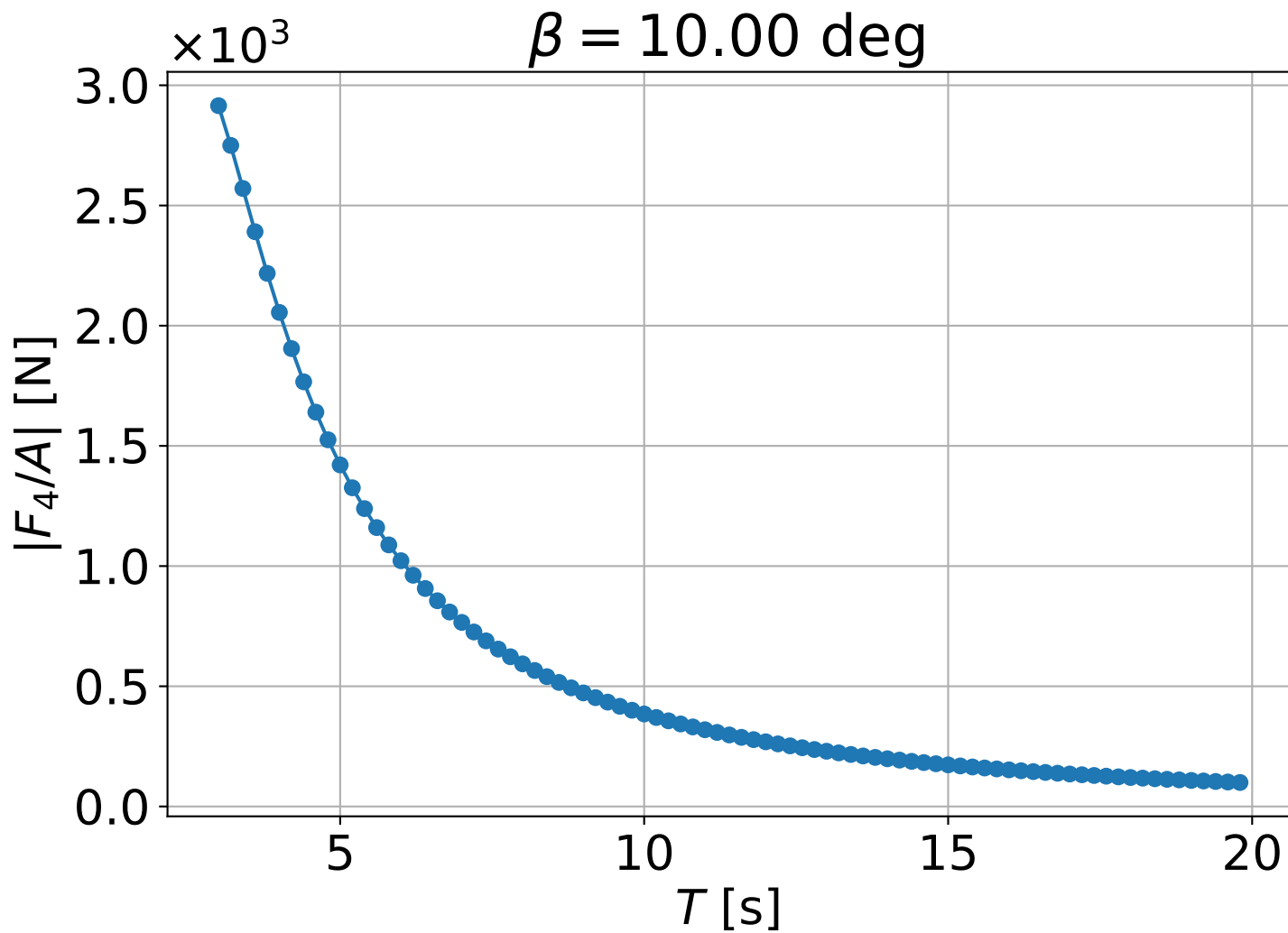
$\beta = 180.00$ deg



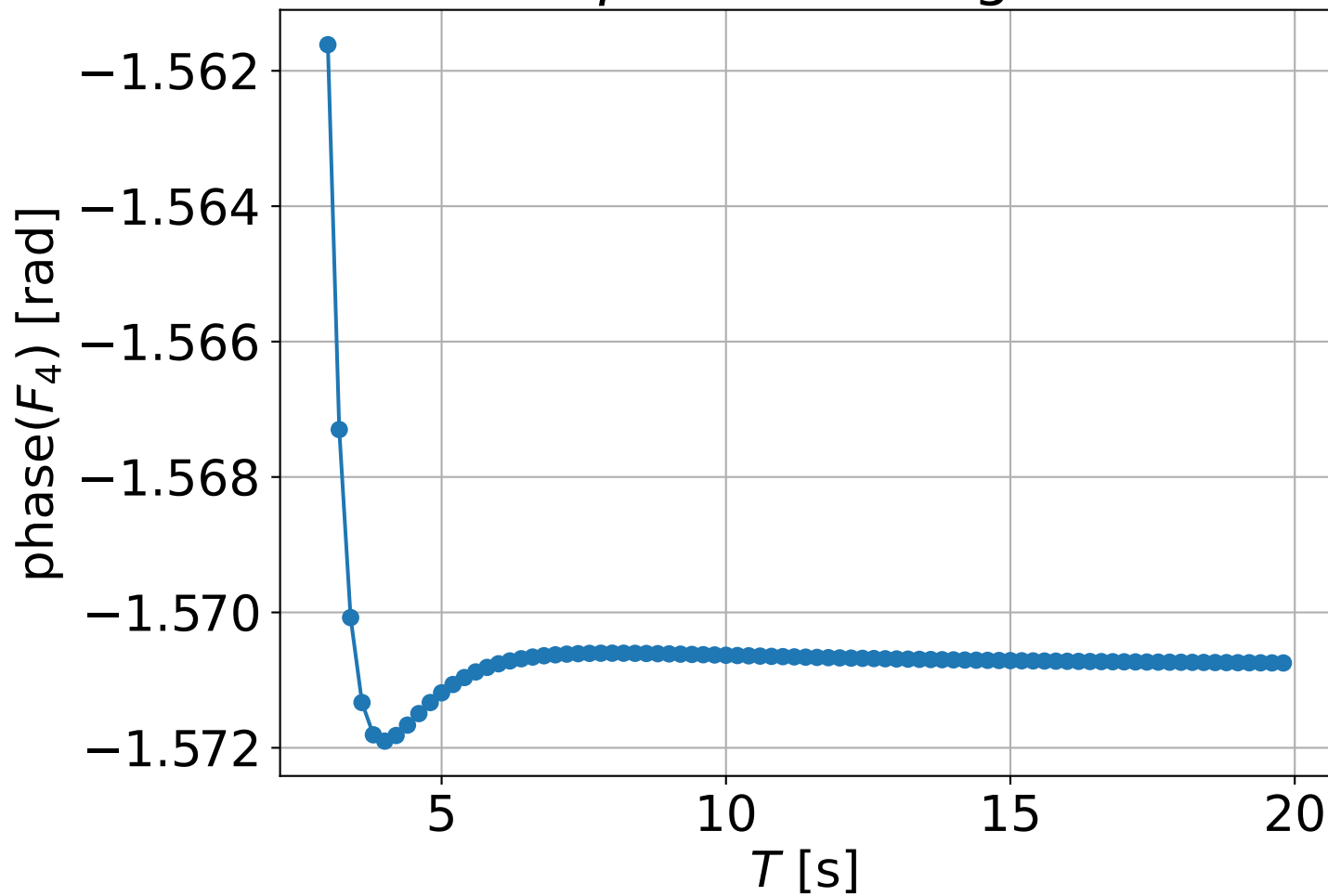


$\beta = 0.00$ deg

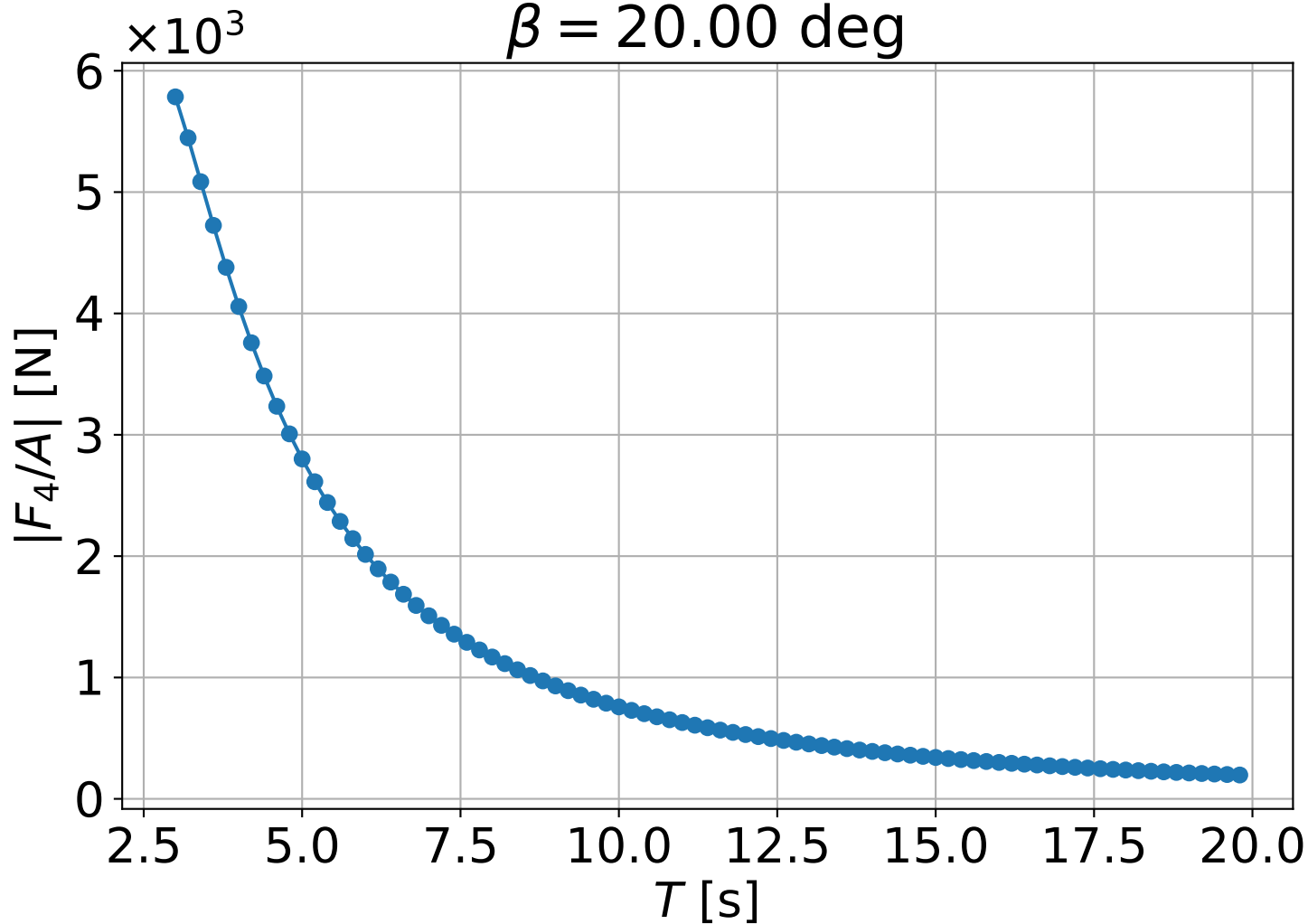




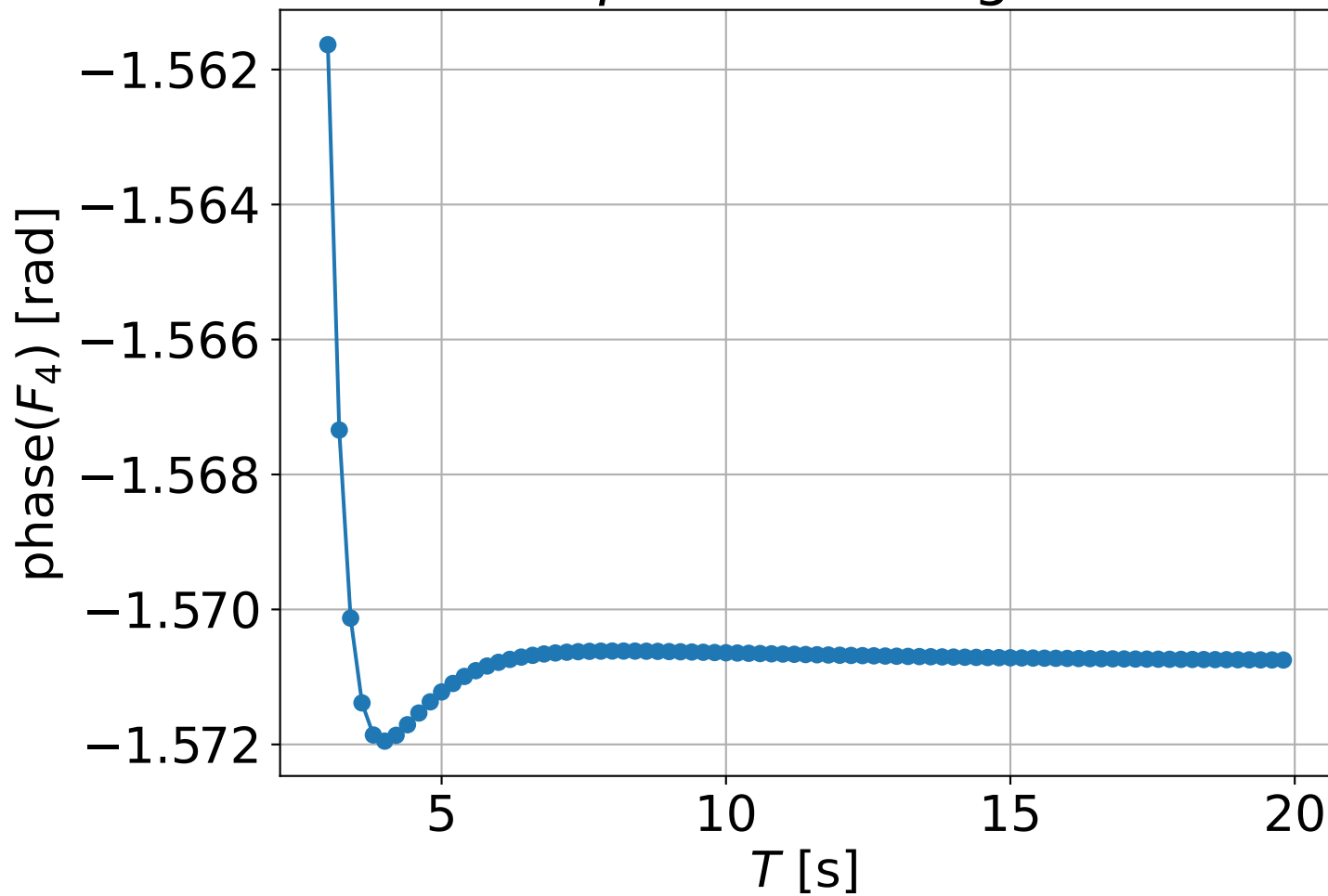
$\beta = 10.00$ deg



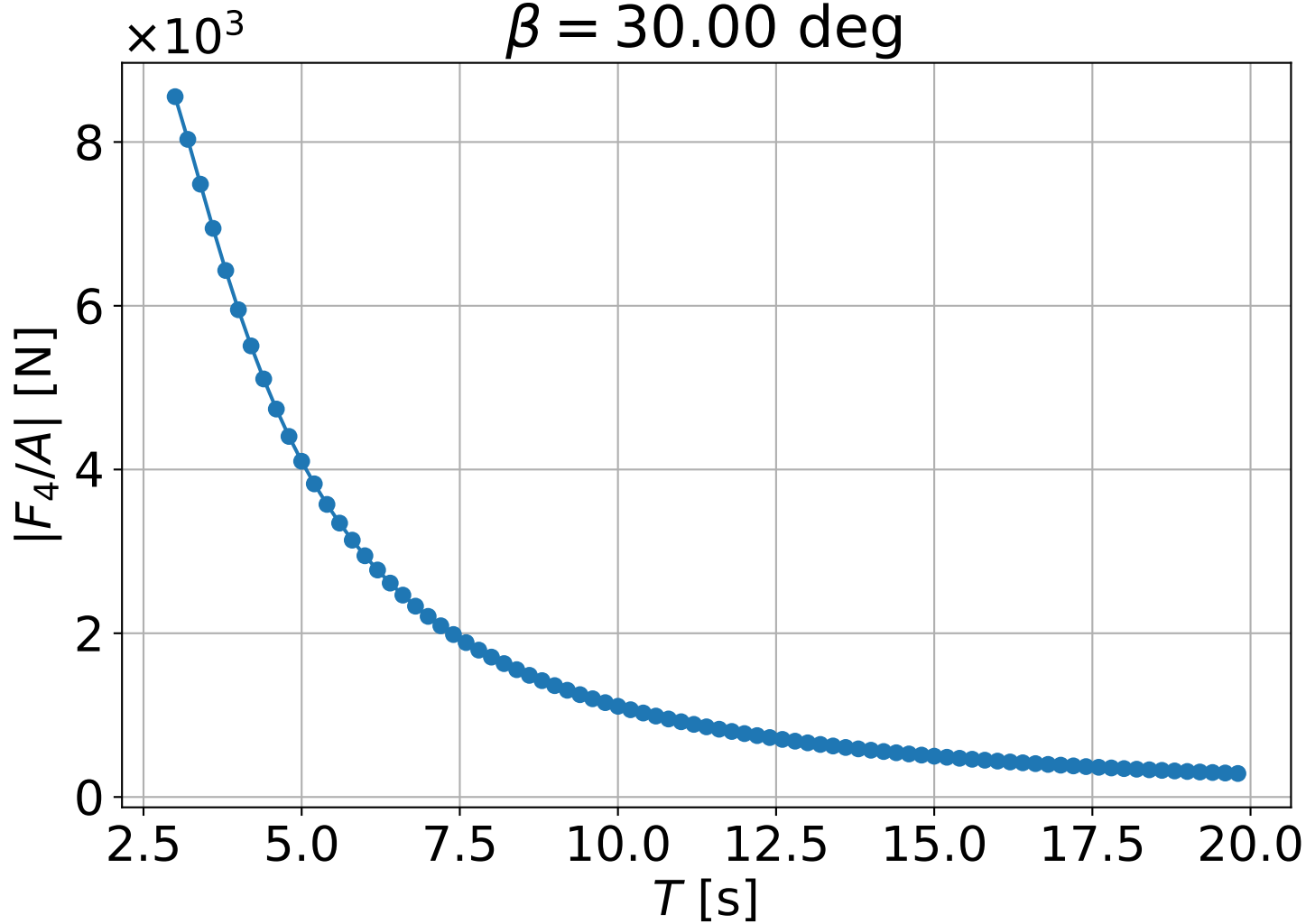
$\beta = 20.00$ deg



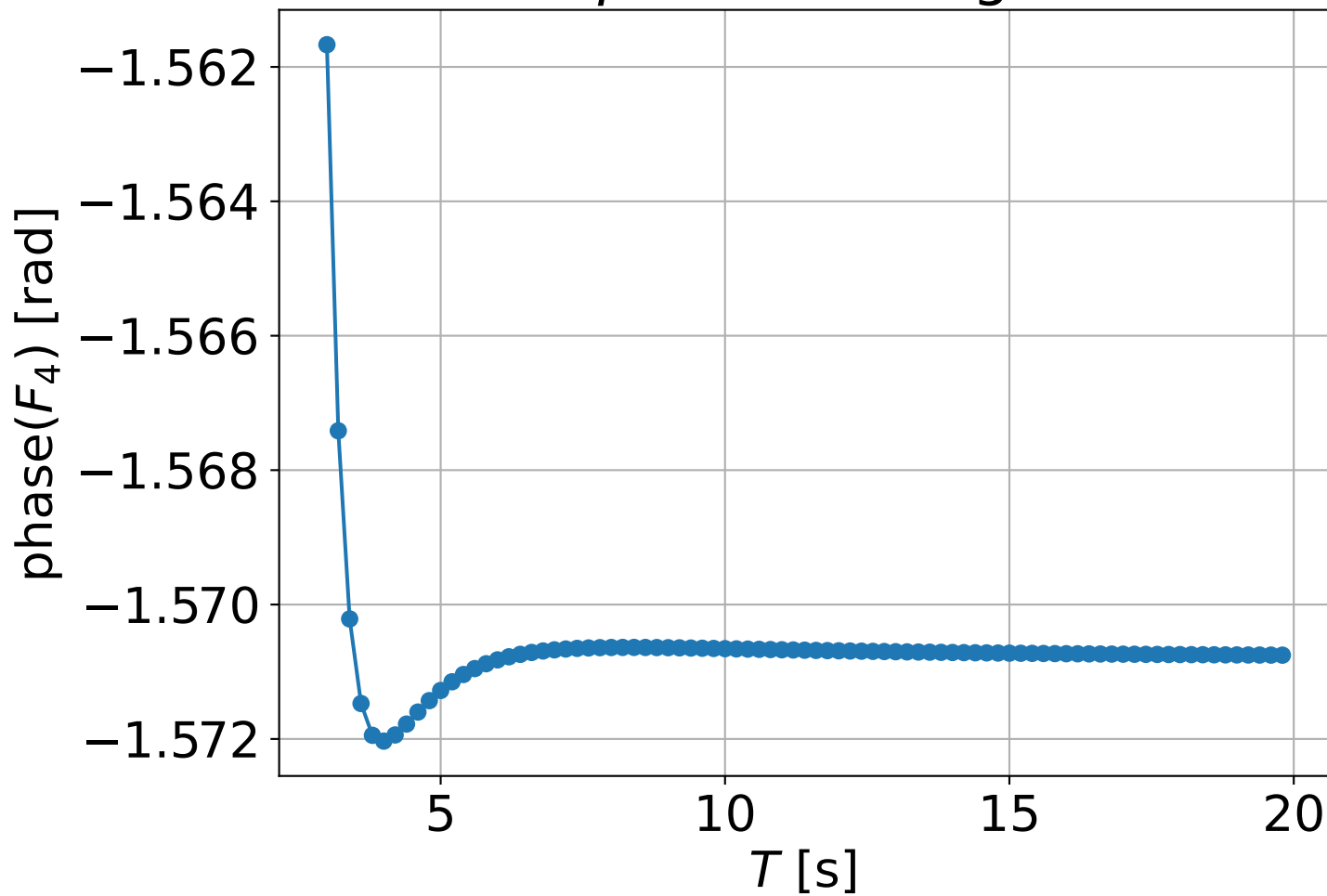
$\beta = 20.00$ deg

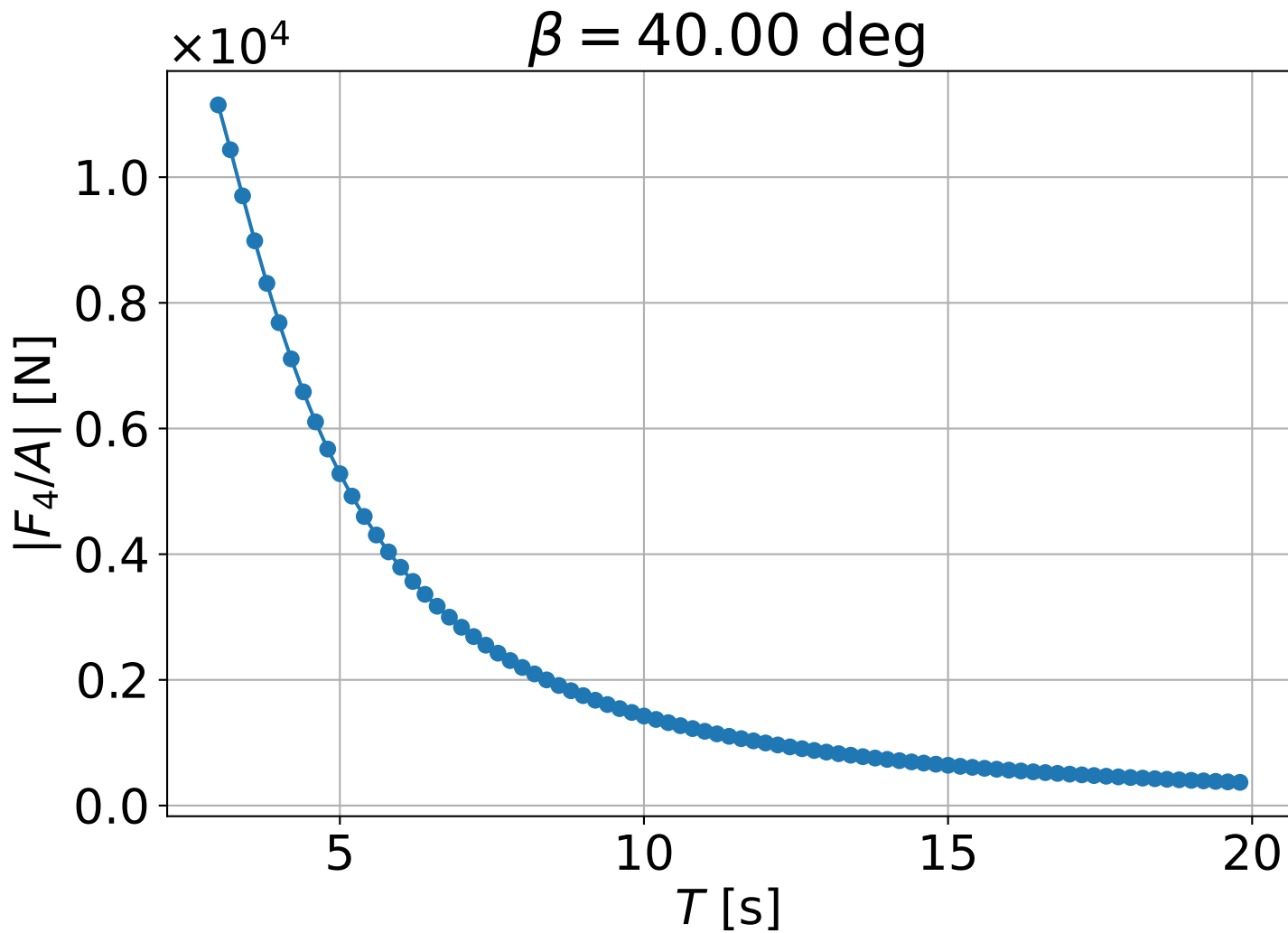


$\beta = 30.00$ deg

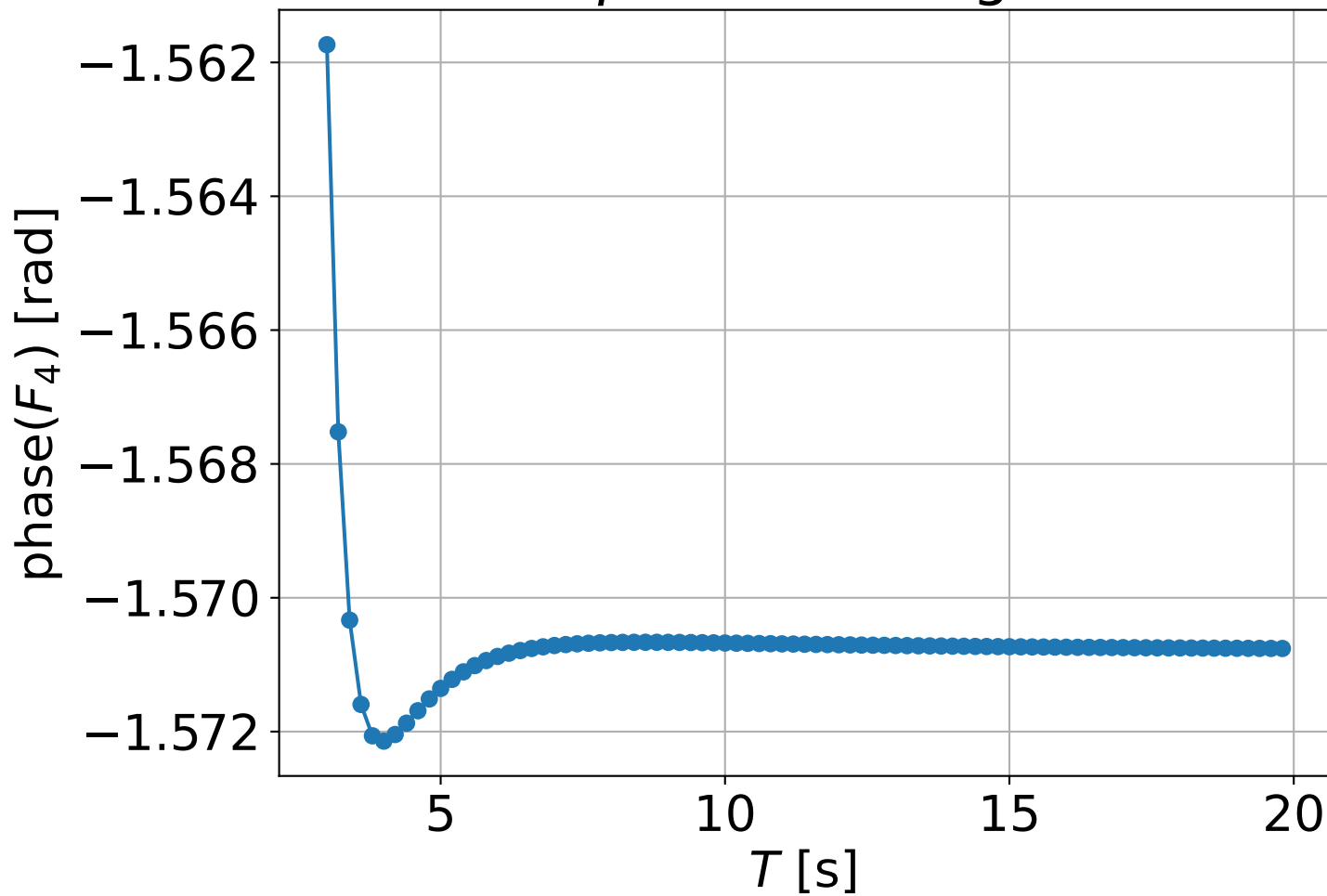


$\beta = 30.00$ deg





$\beta = 40.00$ deg



$\times 10^4$

$\beta = 50.00$ deg

$|F_4/A|$ [N]

1.25
1.00
0.75
0.50
0.25
0.00

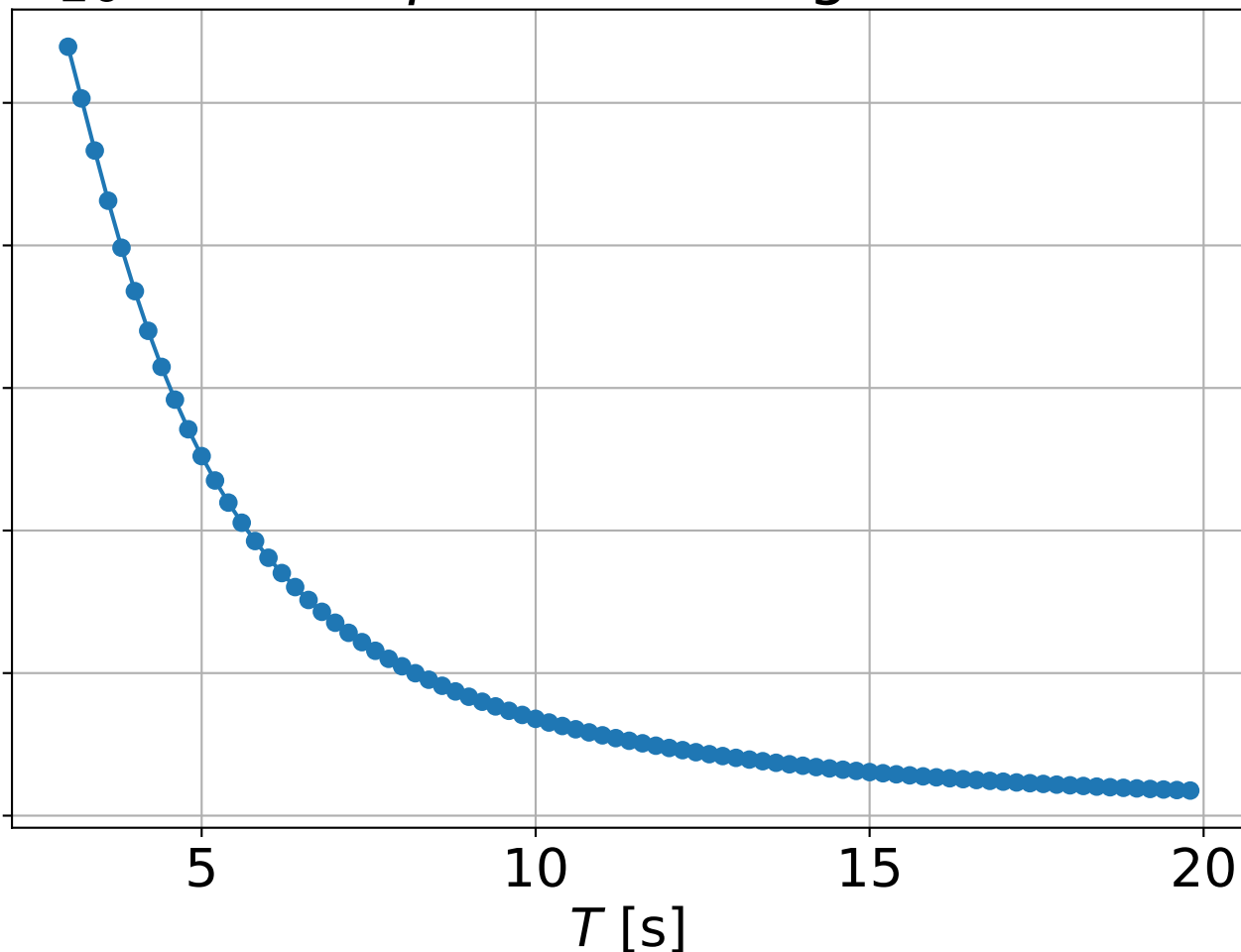
5

10

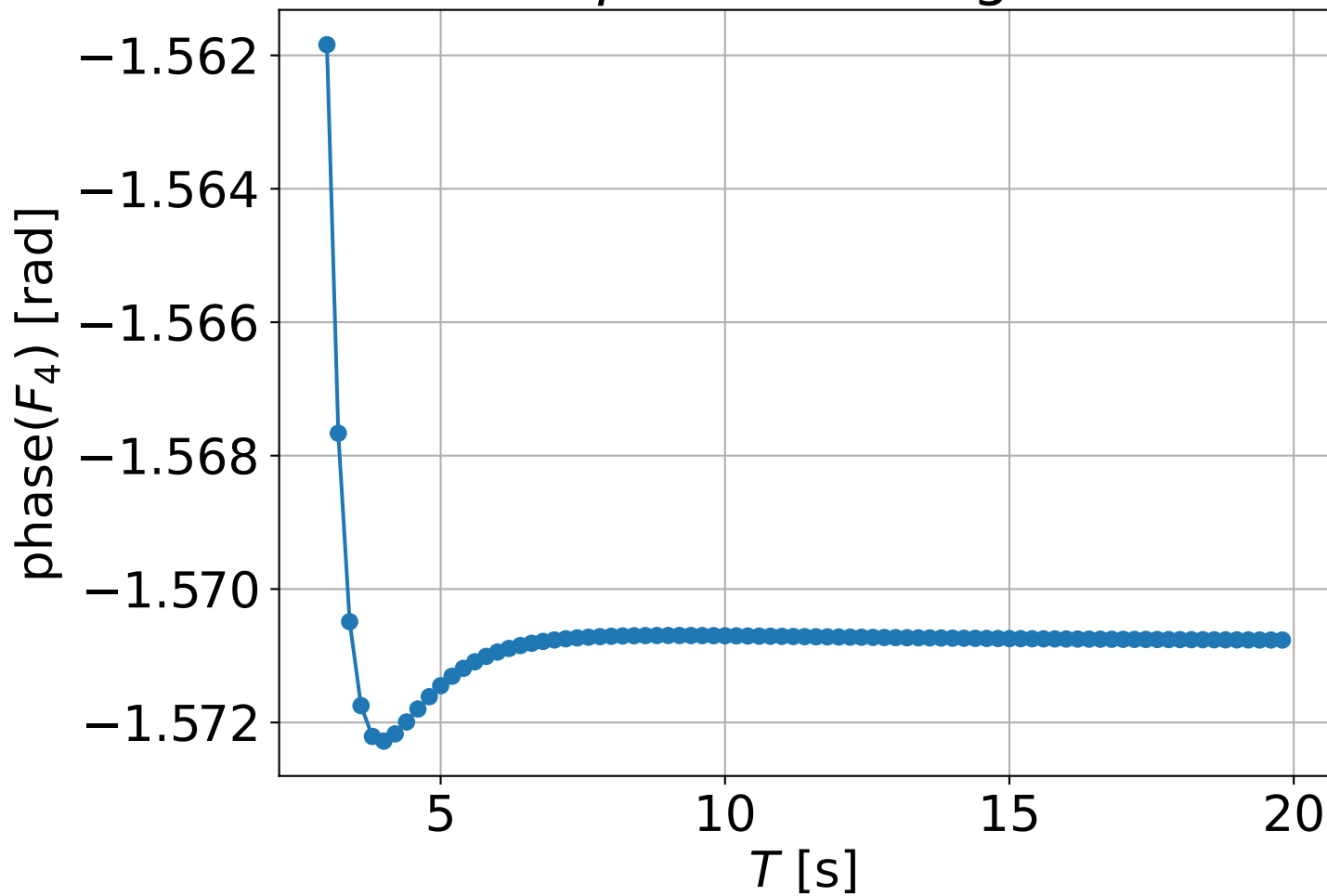
15

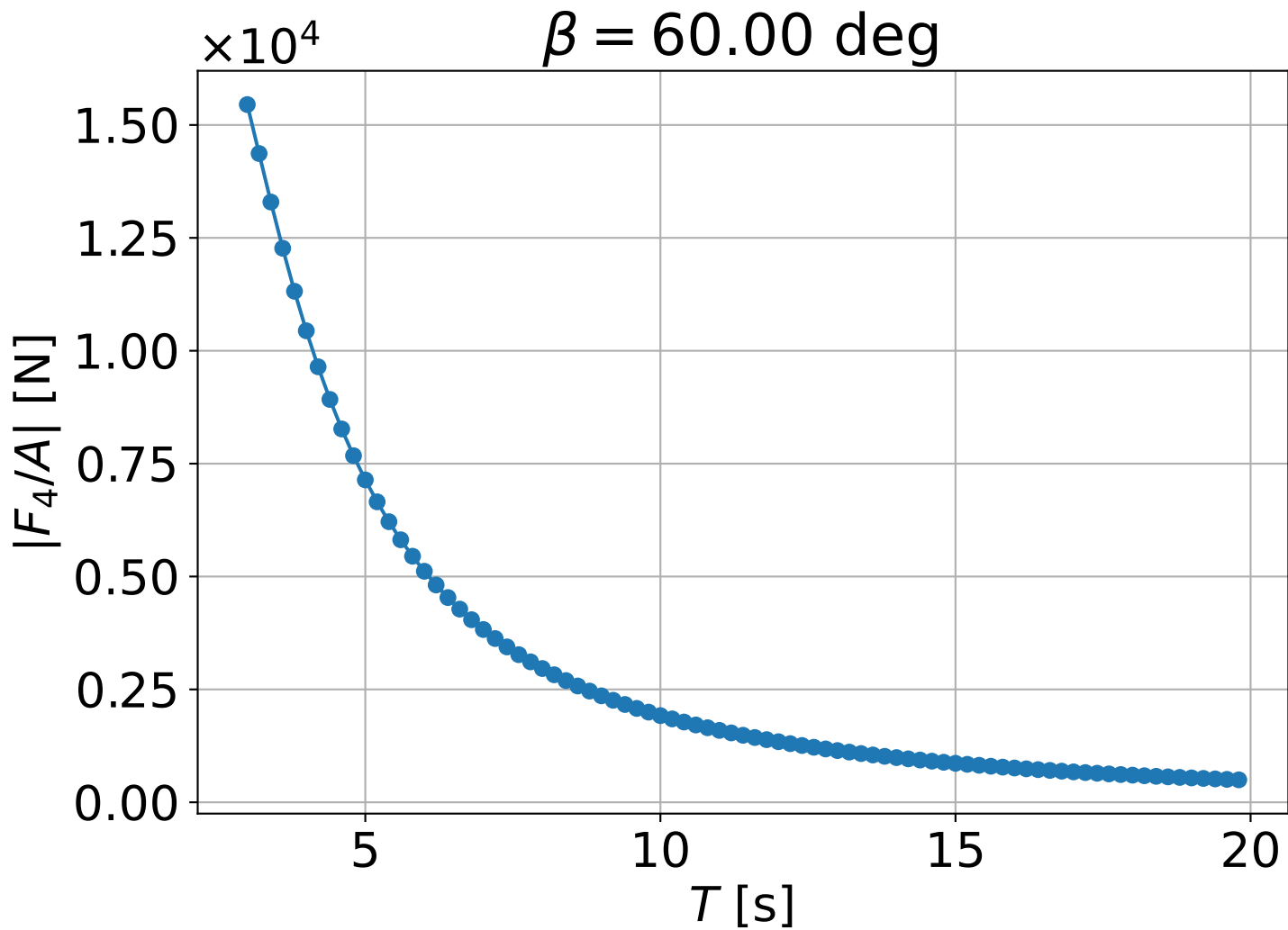
20

T [s]

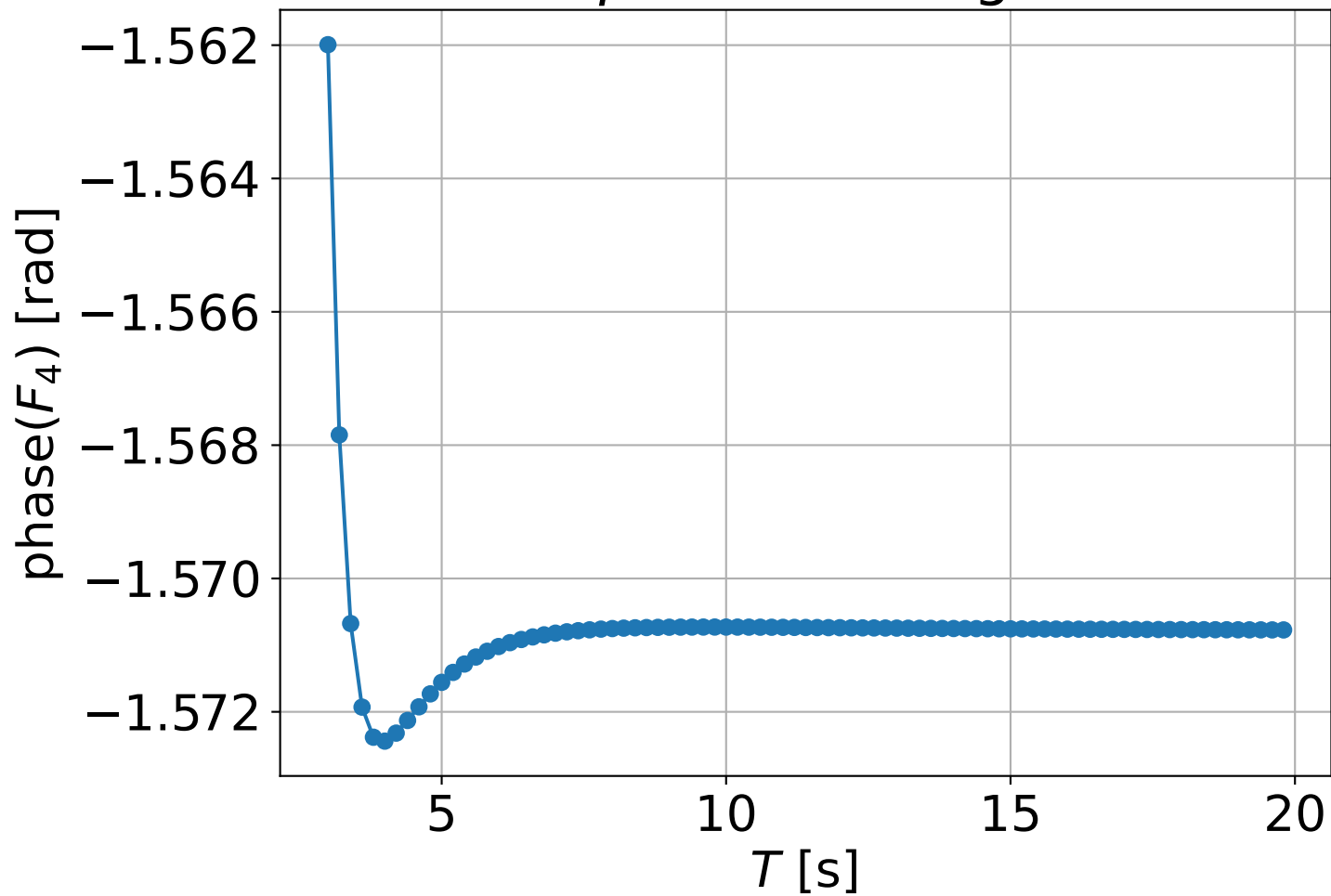


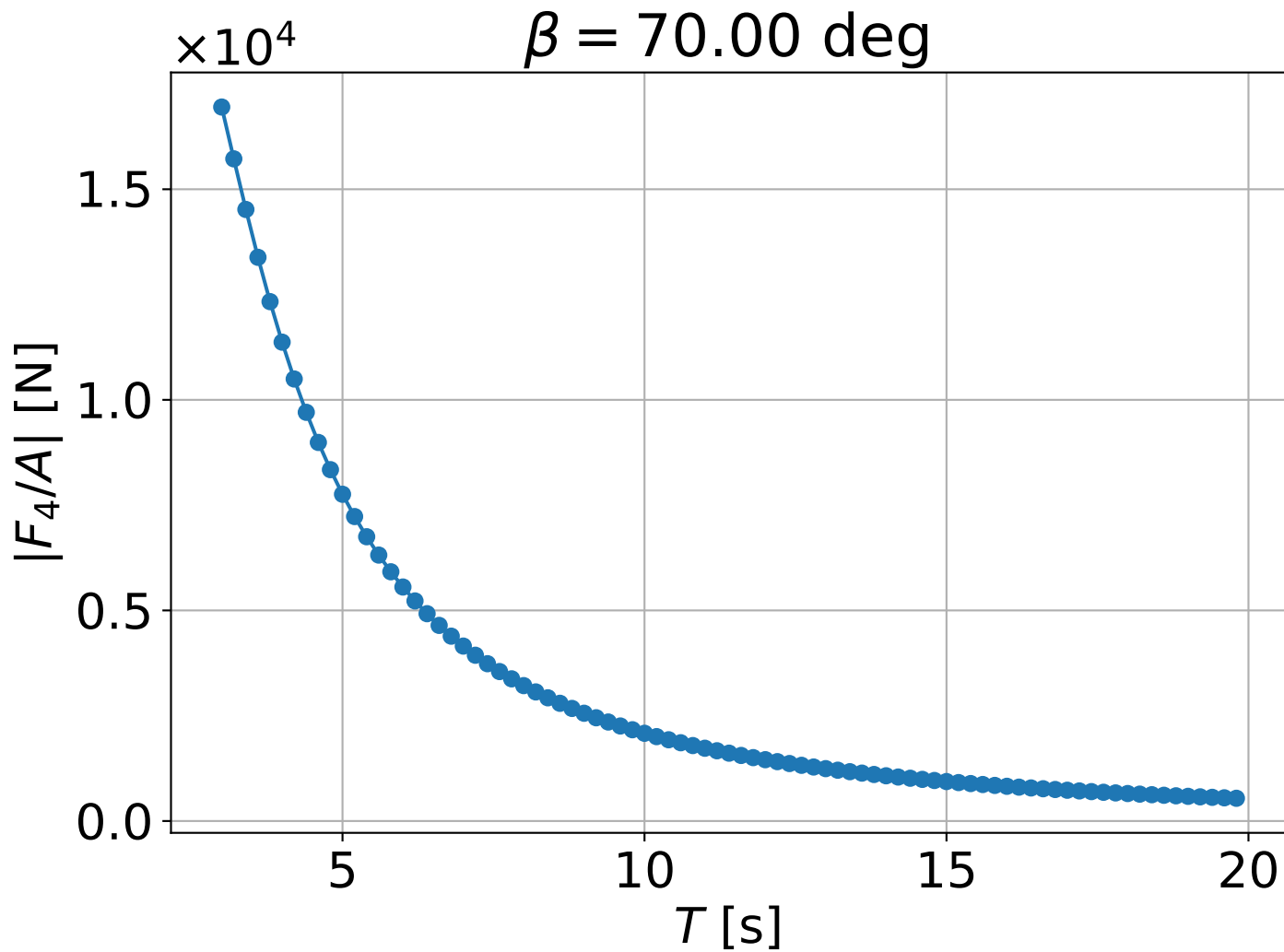
$\beta = 50.00$ deg



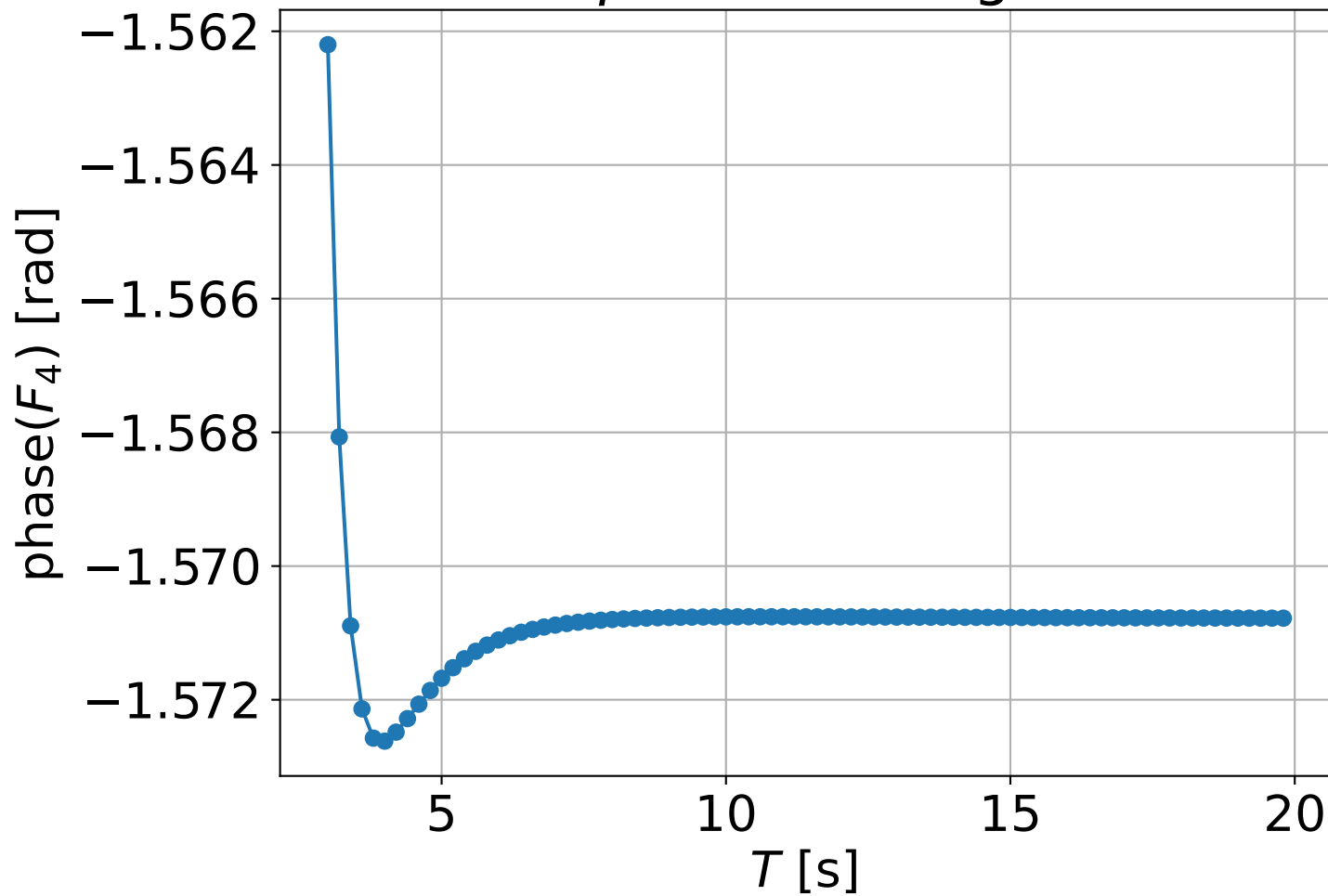


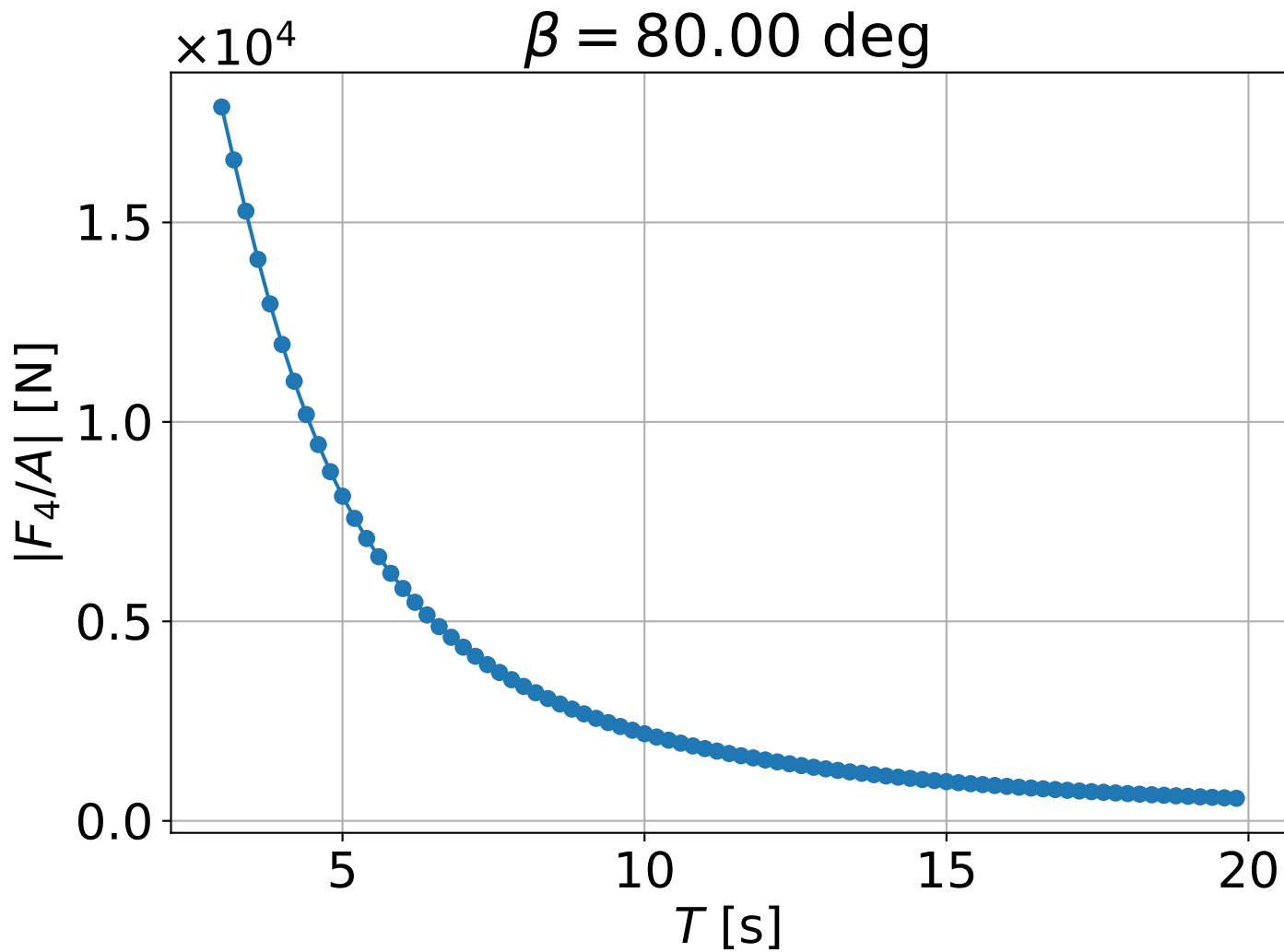
$\beta = 60.00$ deg



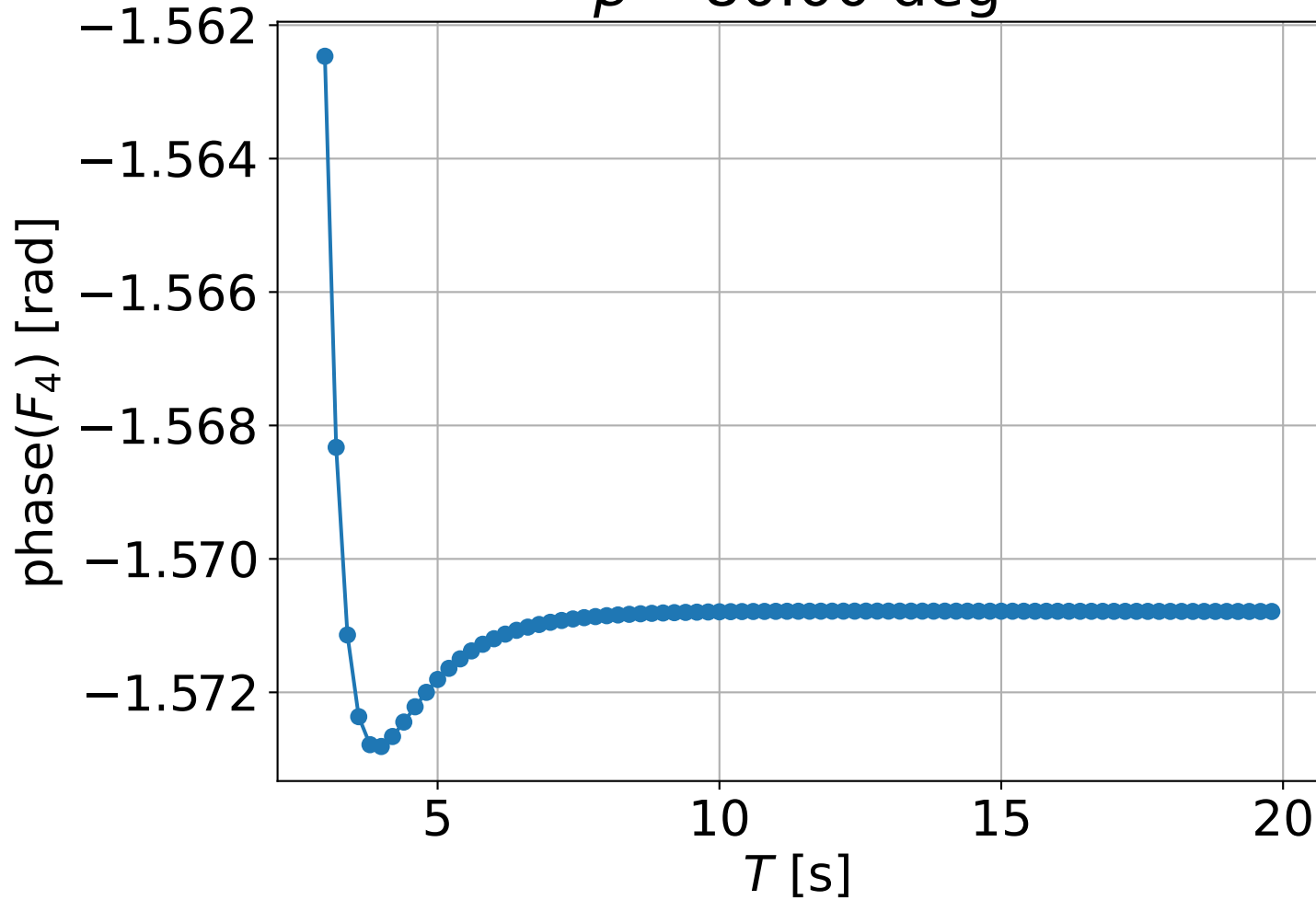


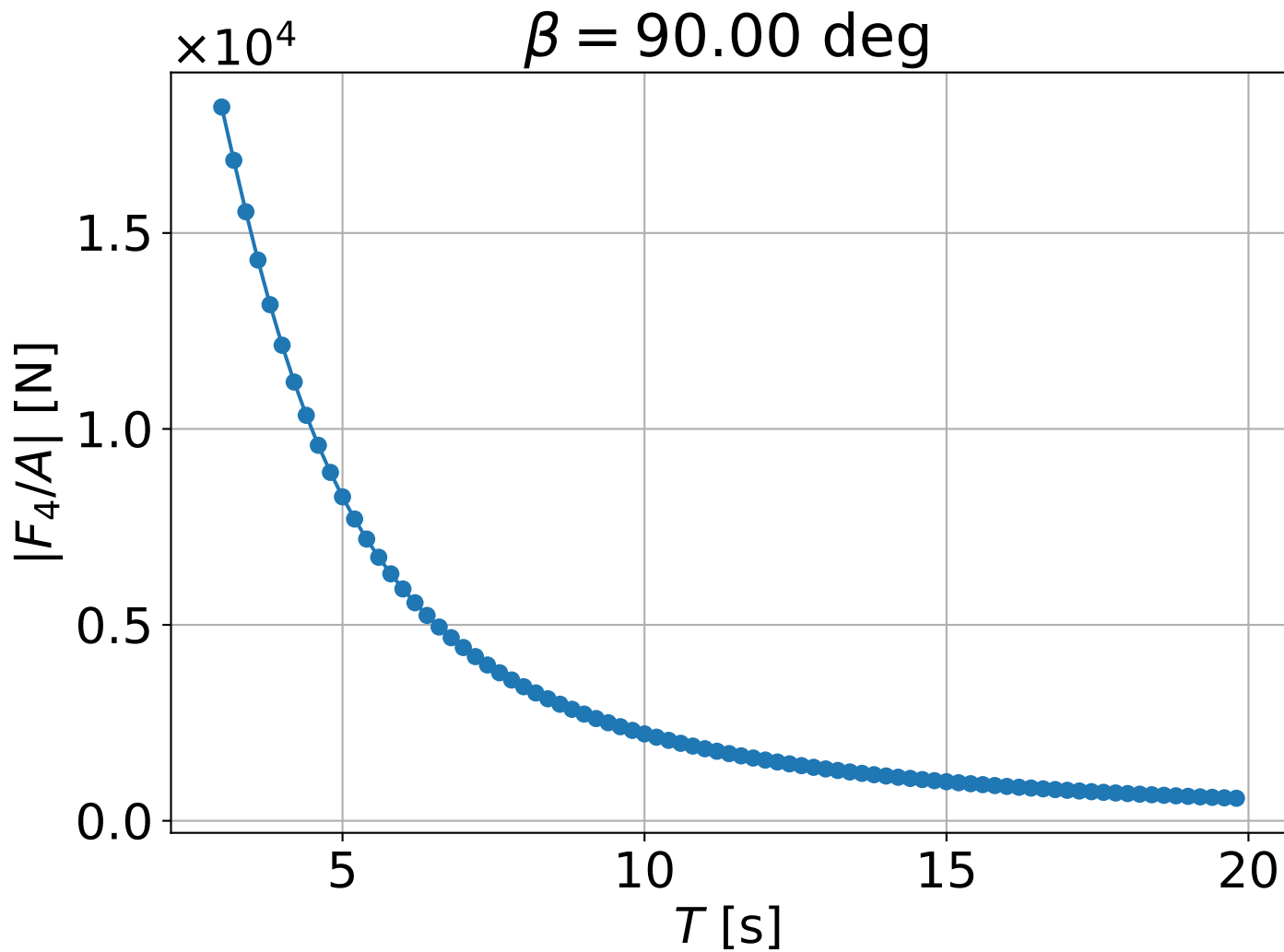
$\beta = 70.00$ deg



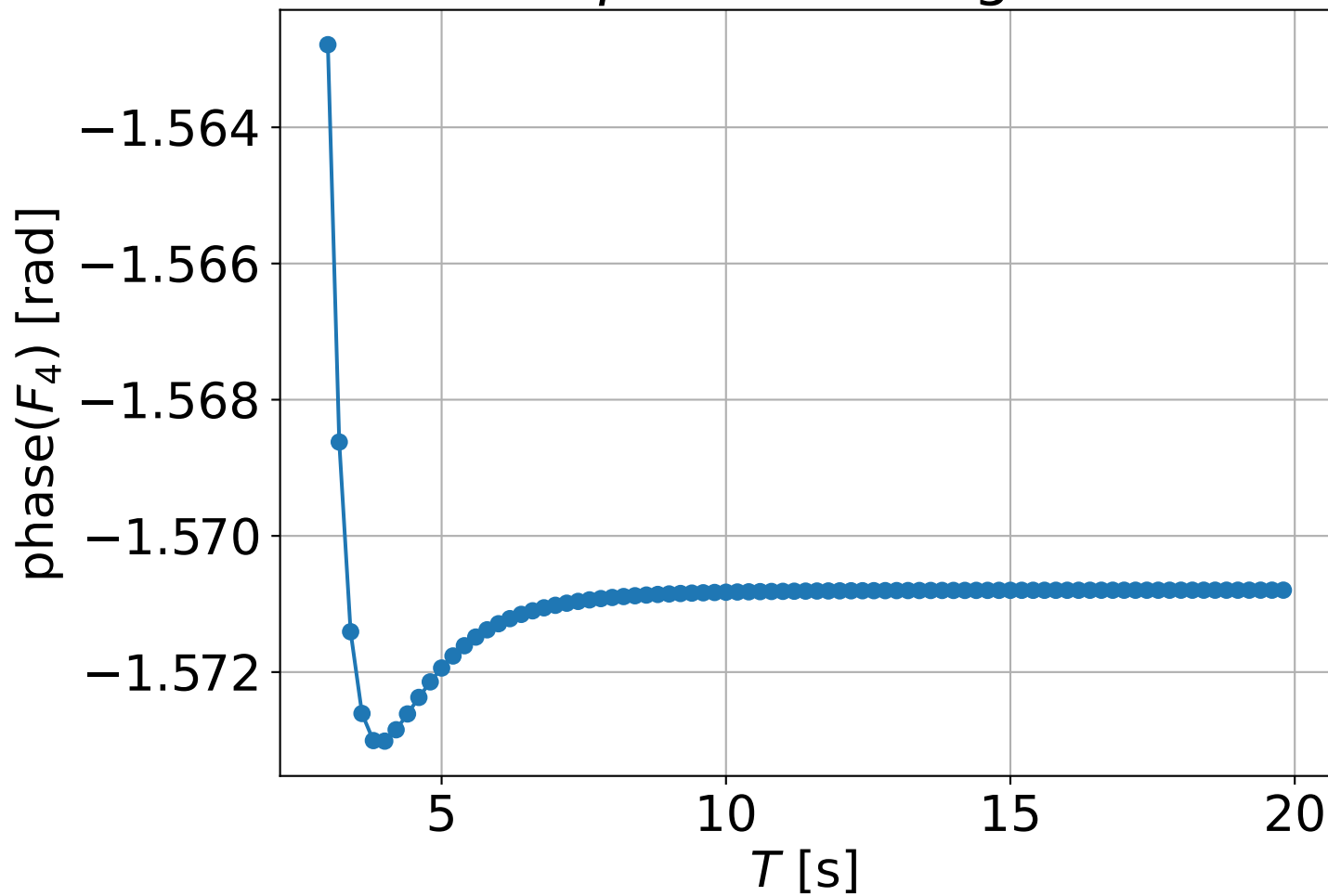


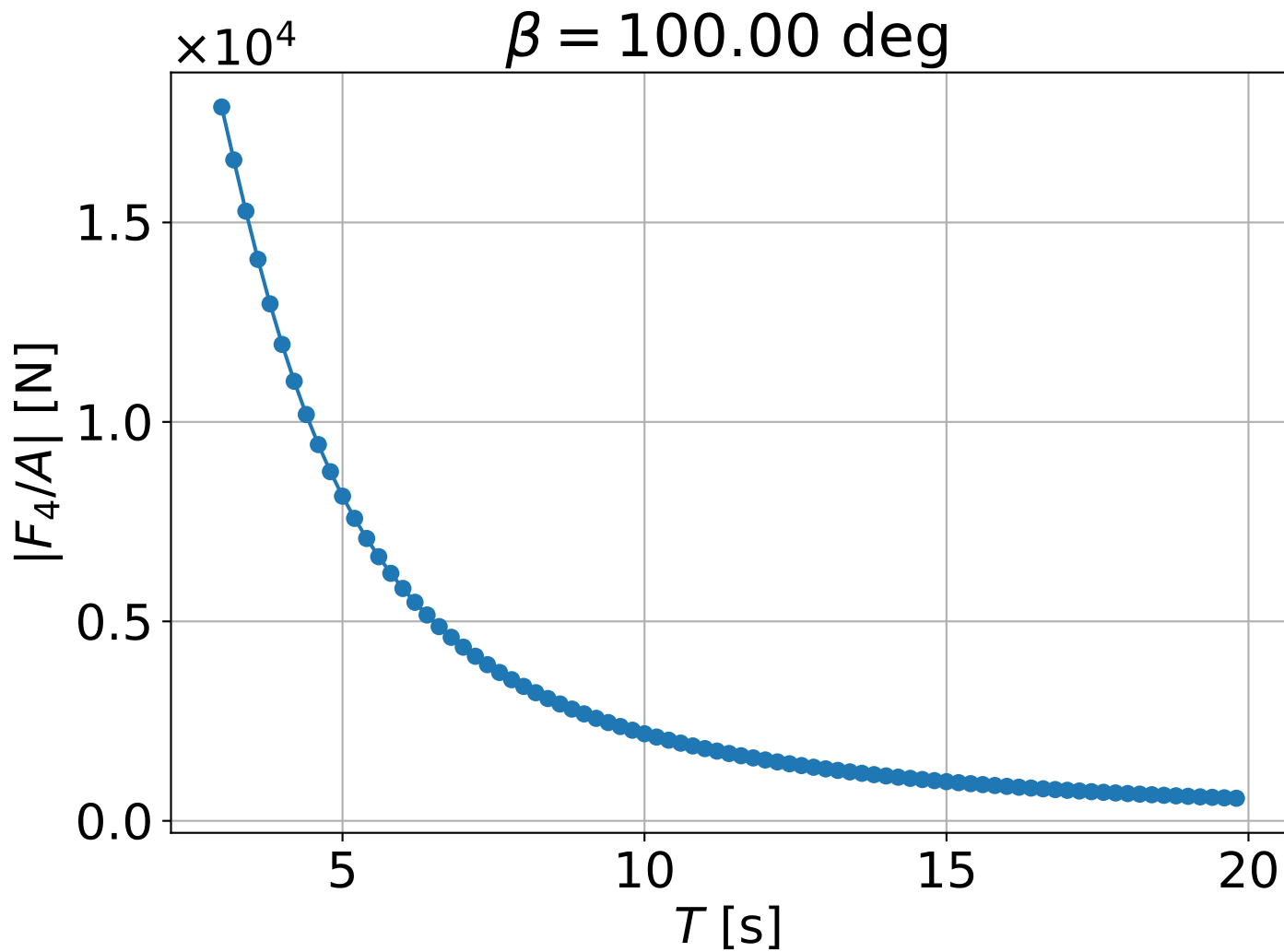
$\beta = 80.00$ deg



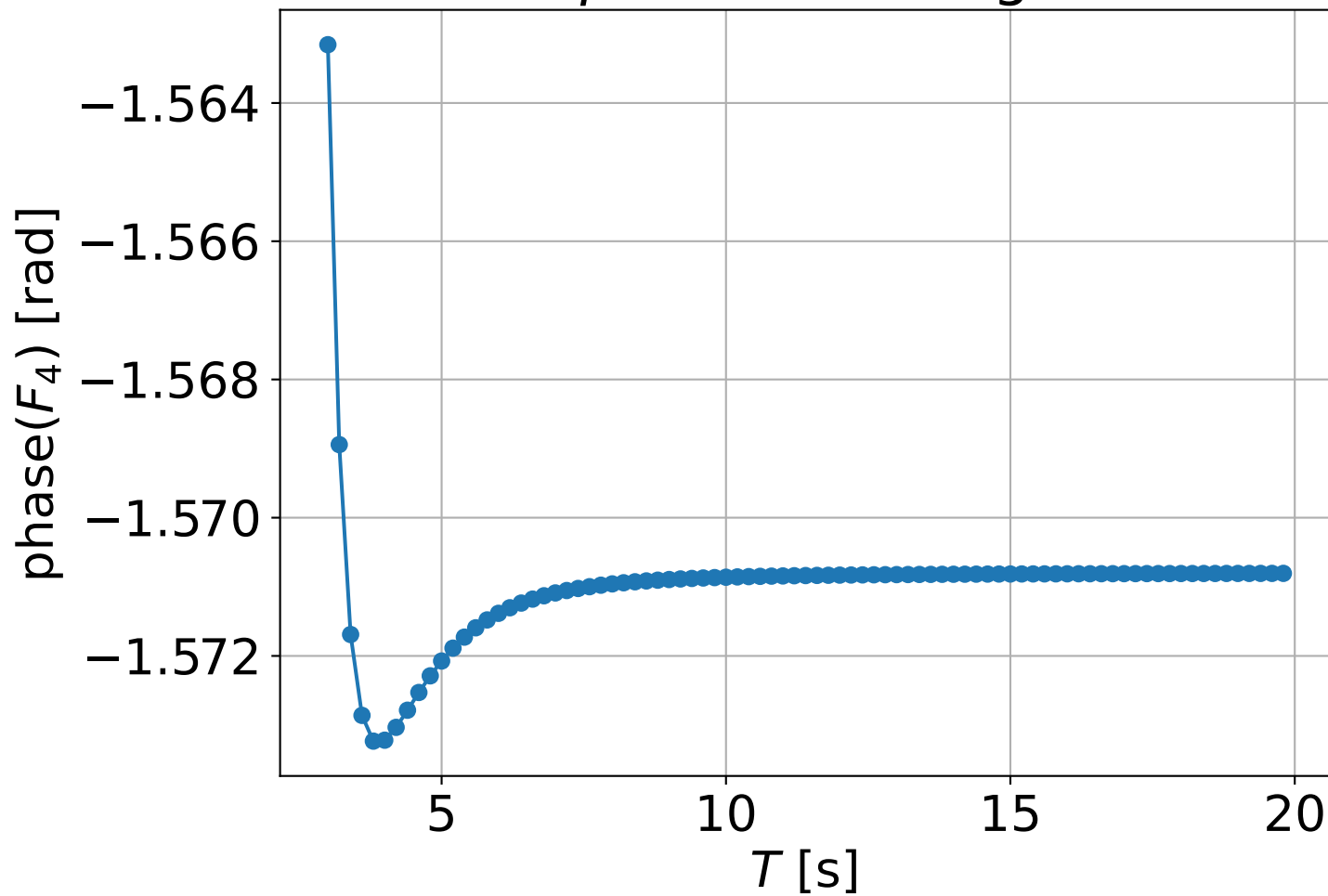


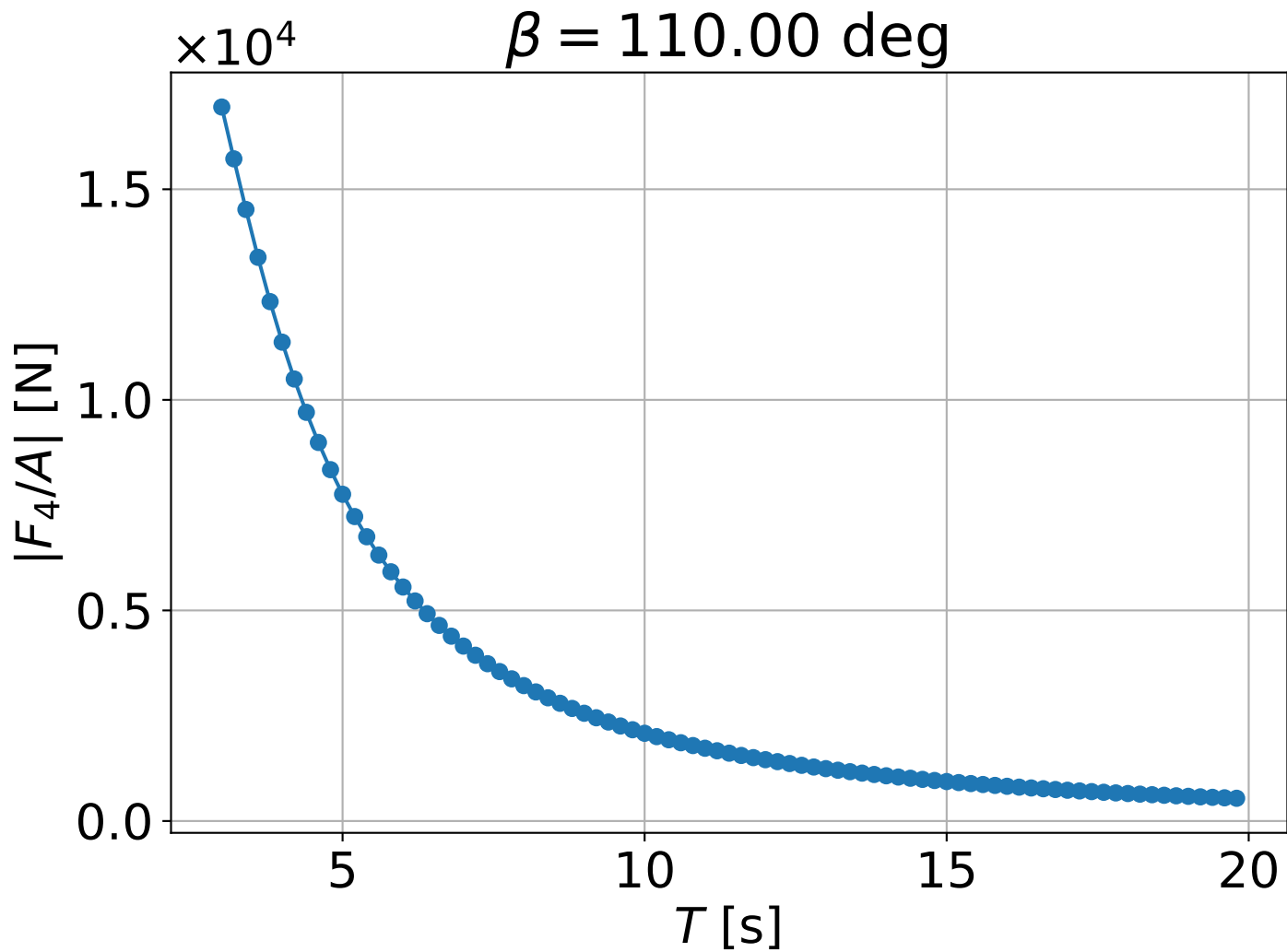
$\beta = 90.00$ deg



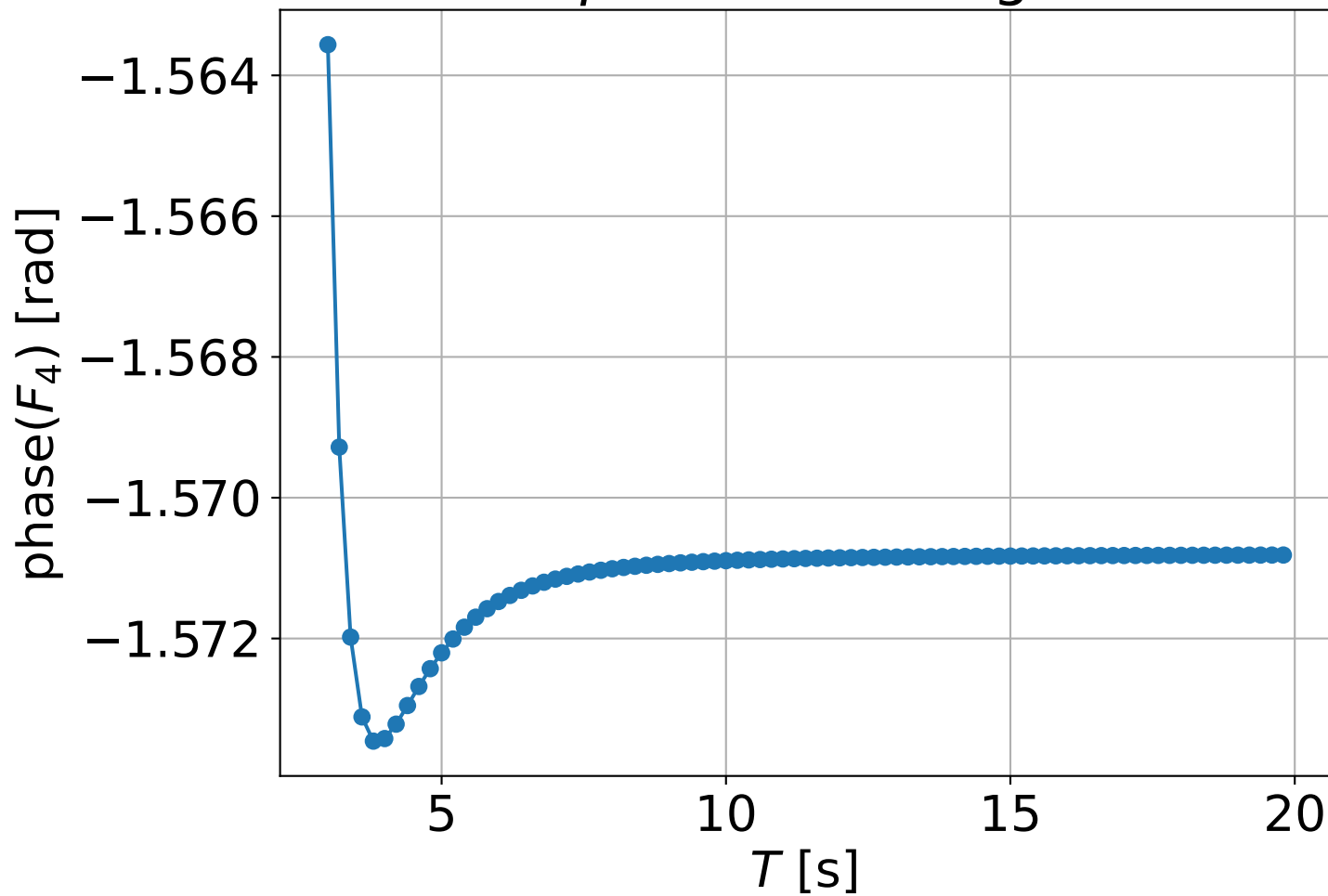


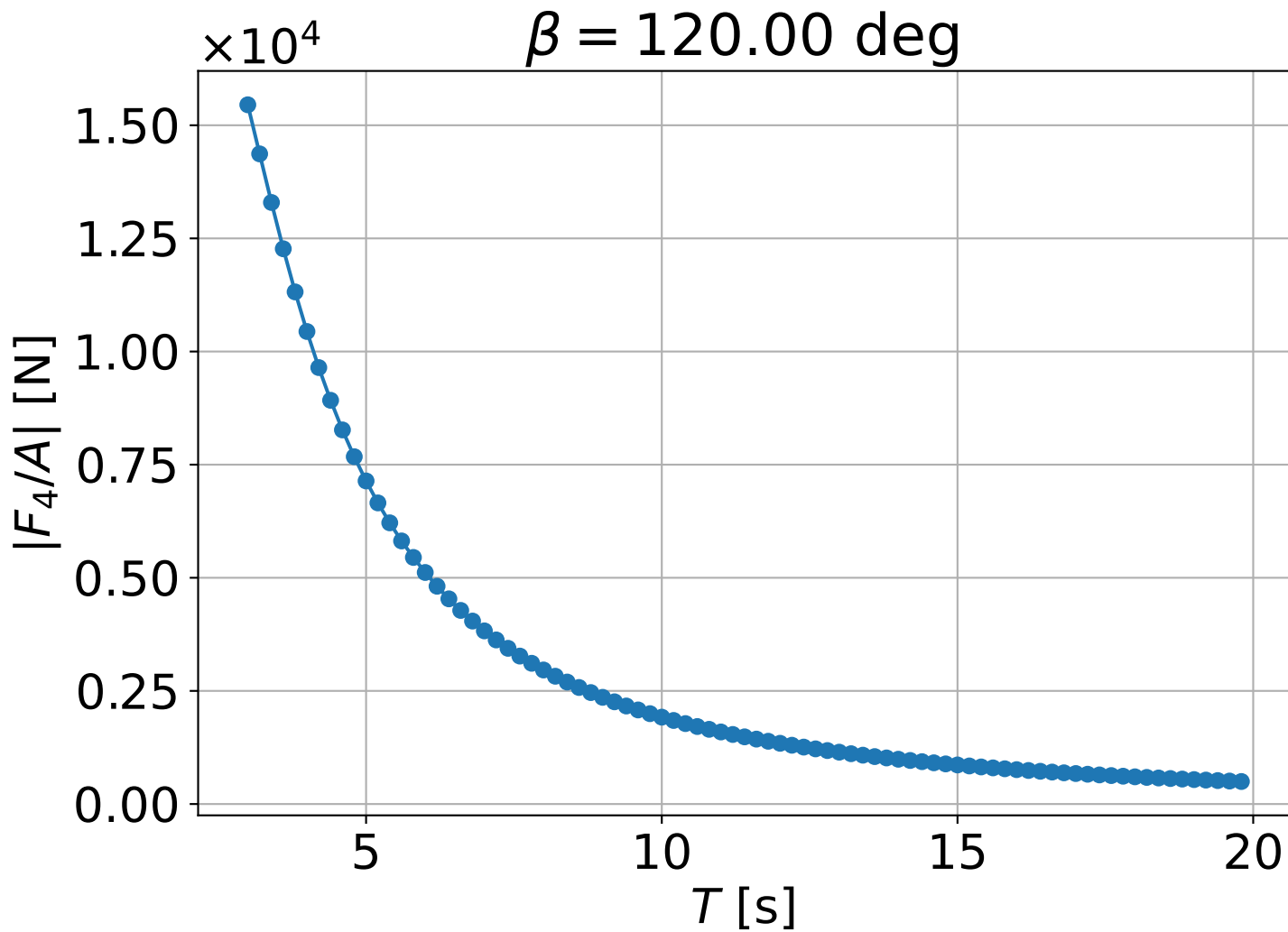
$\beta = 100.00$ deg



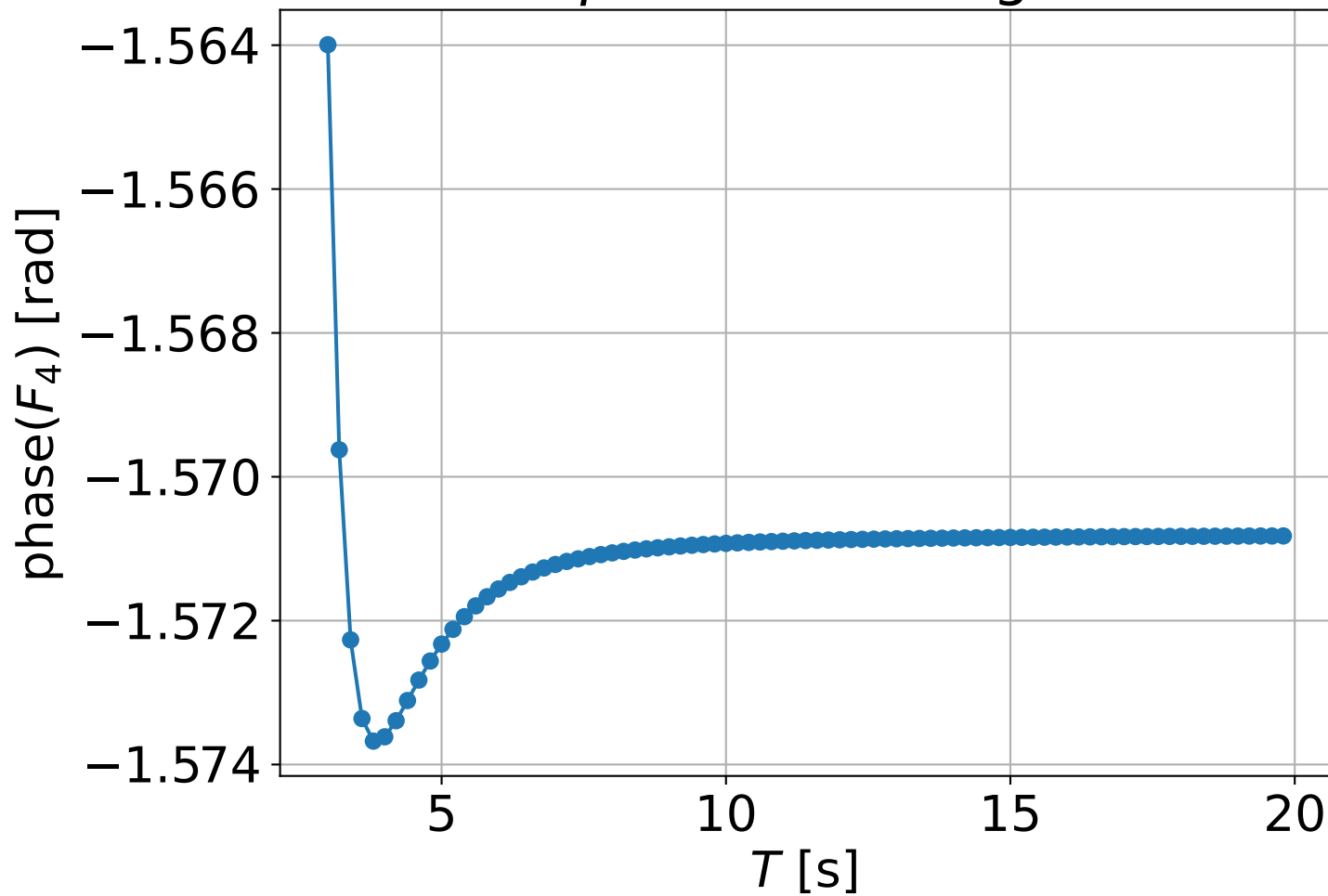


$\beta = 110.00$ deg





$\beta = 120.00$ deg



$\times 10^4$

$\beta = 130.00$ deg

$|F_4/A|$ [N]

1.25

1.00

0.75

0.50

0.25

0.00

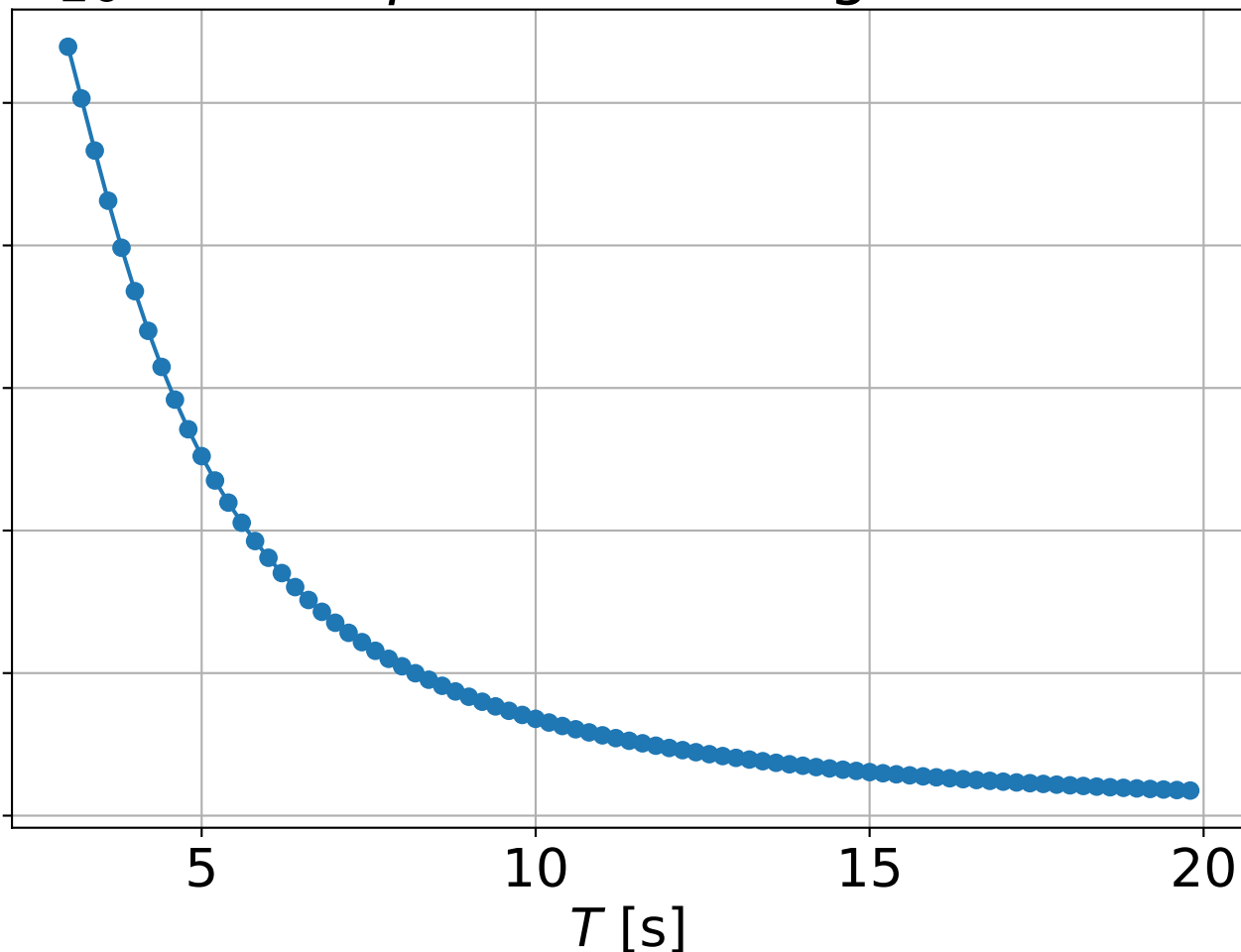
5

10

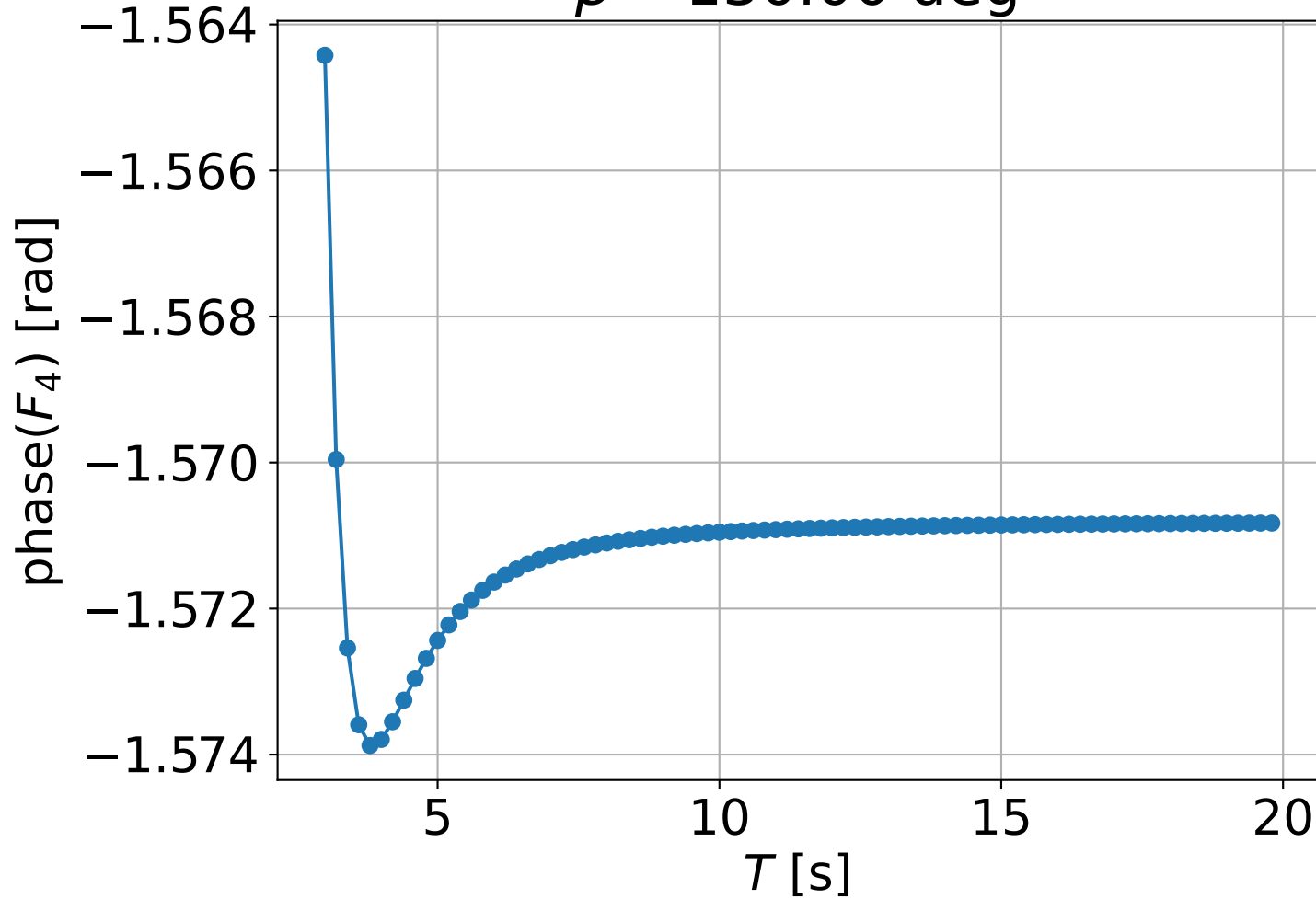
15

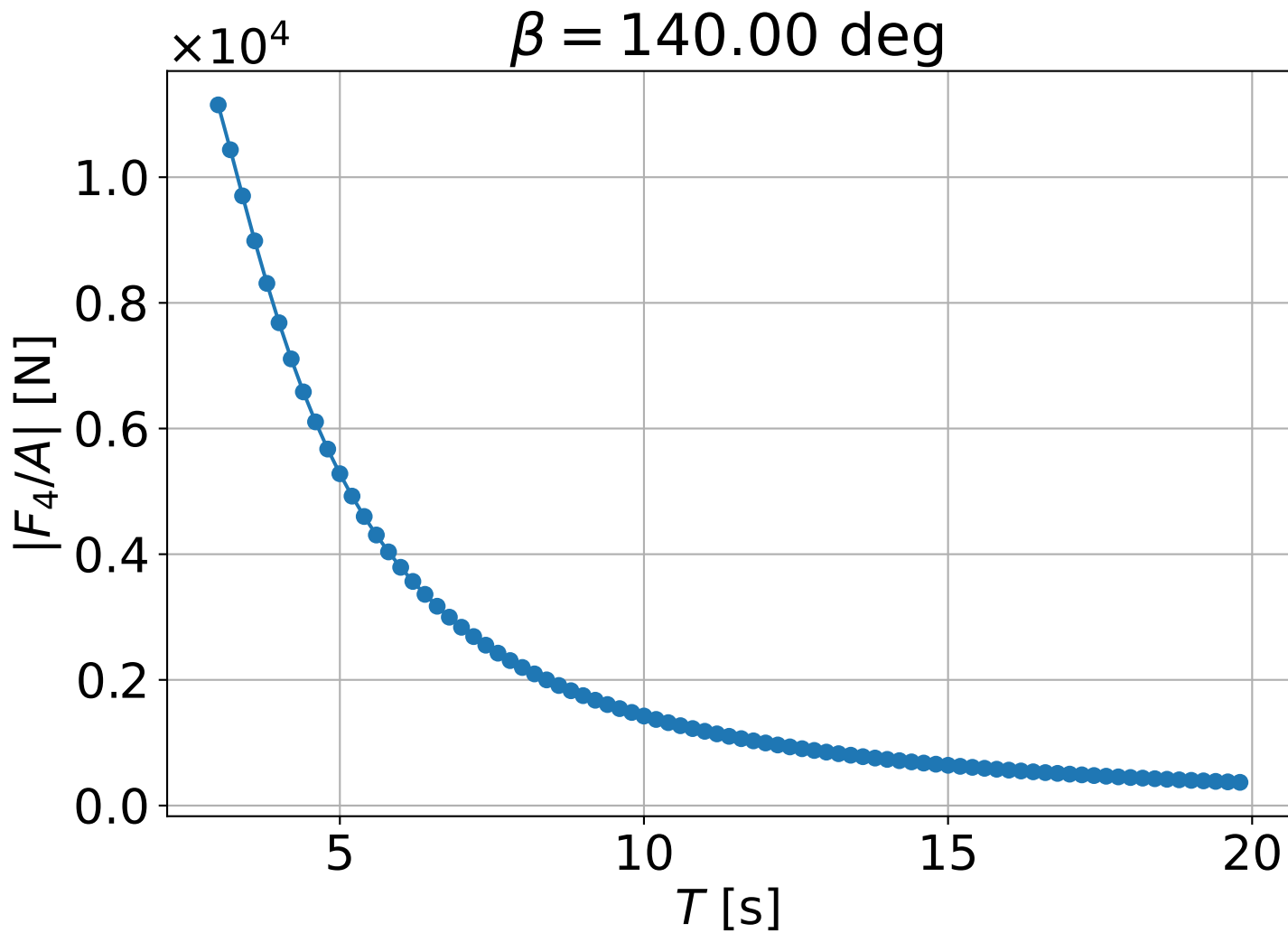
20

T [s]

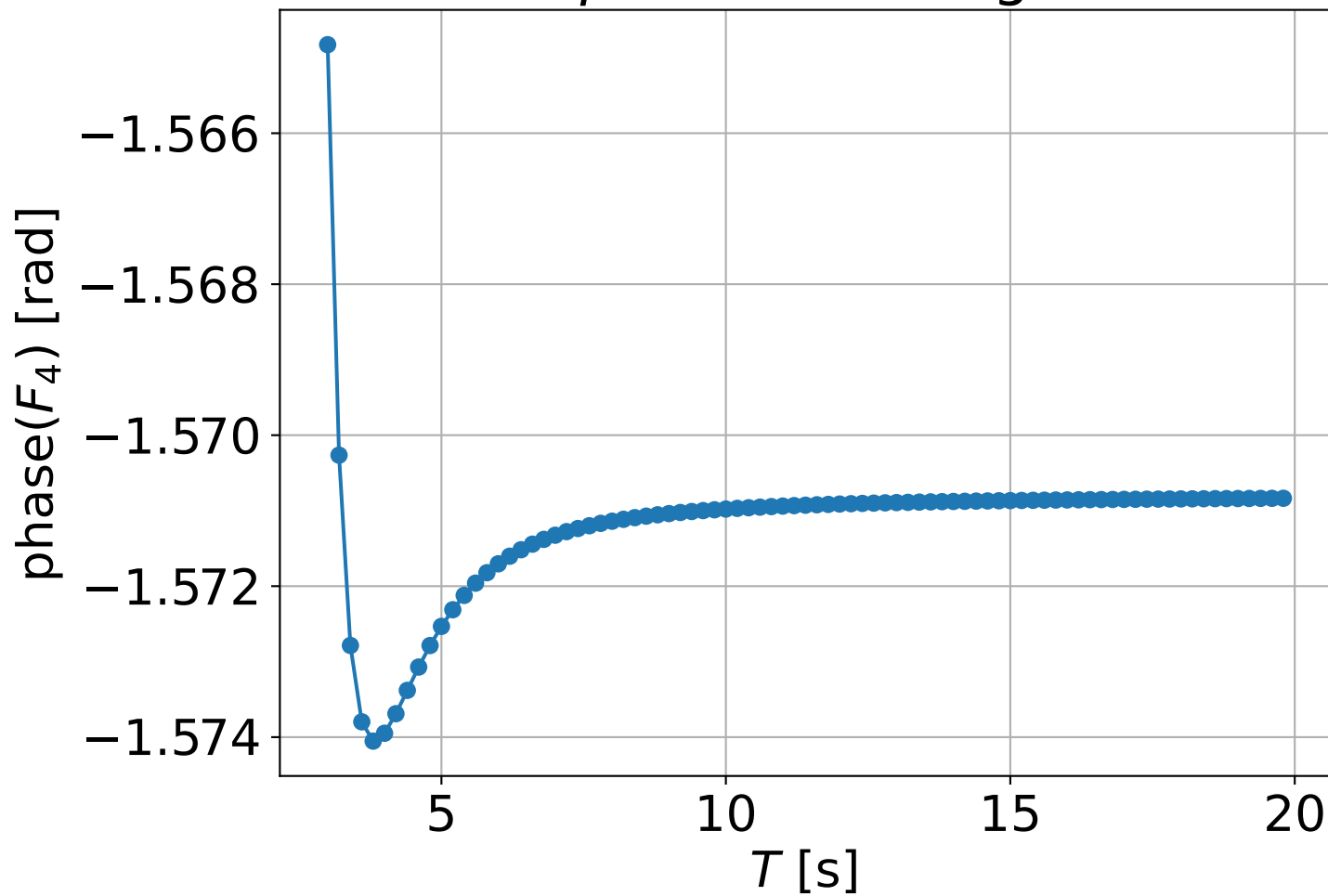


$\beta = 130.00$ deg

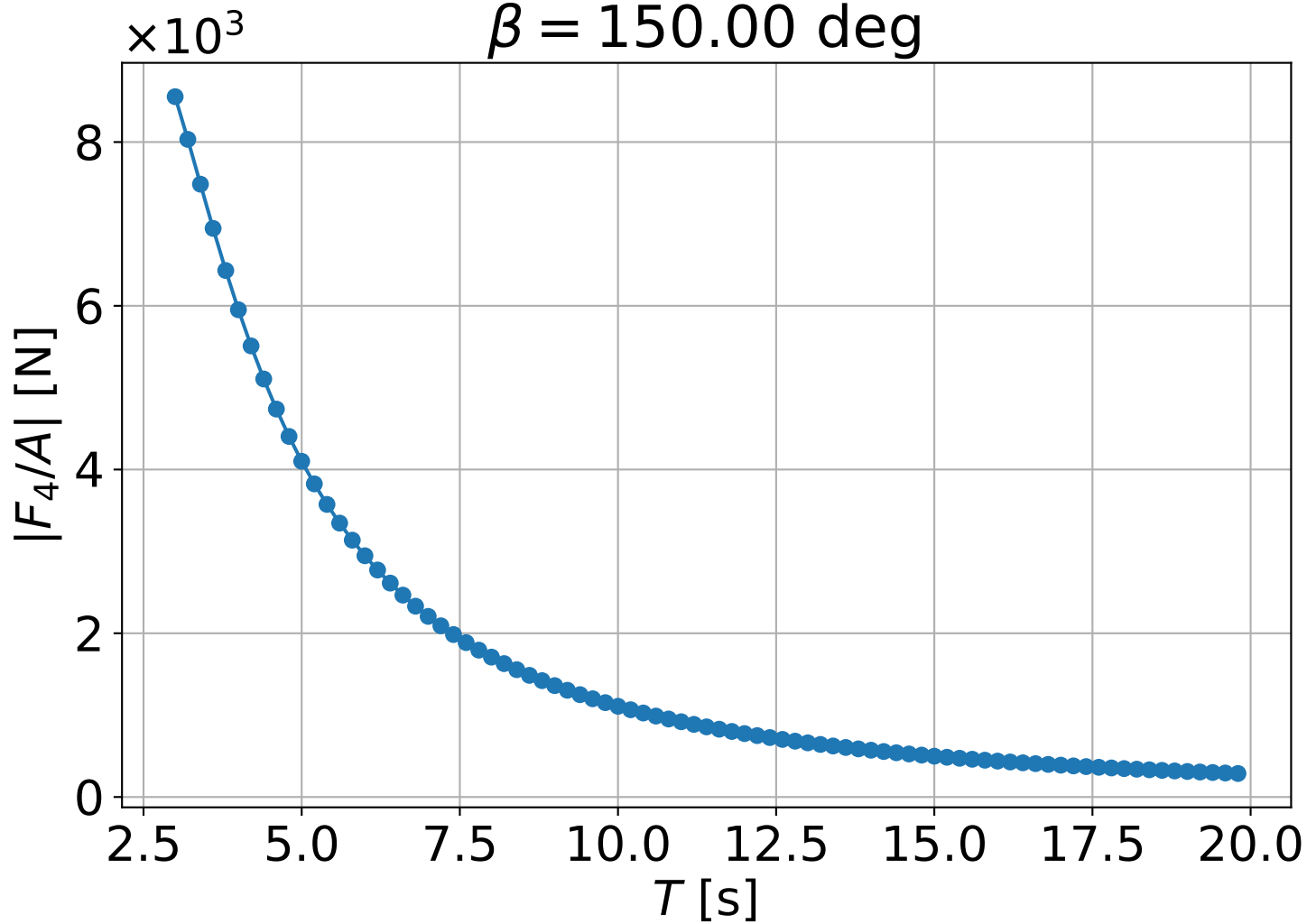




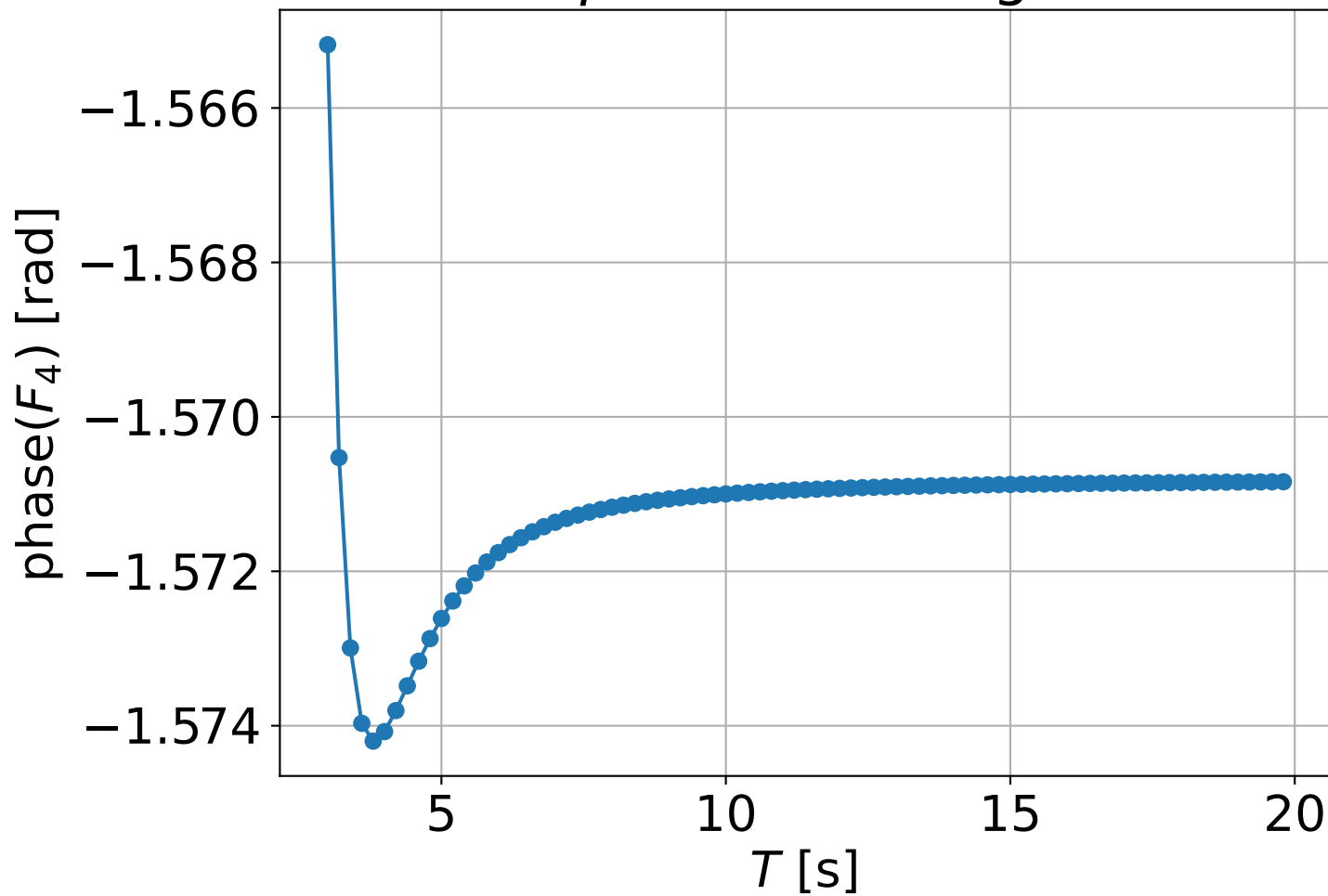
$\beta = 140.00$ deg



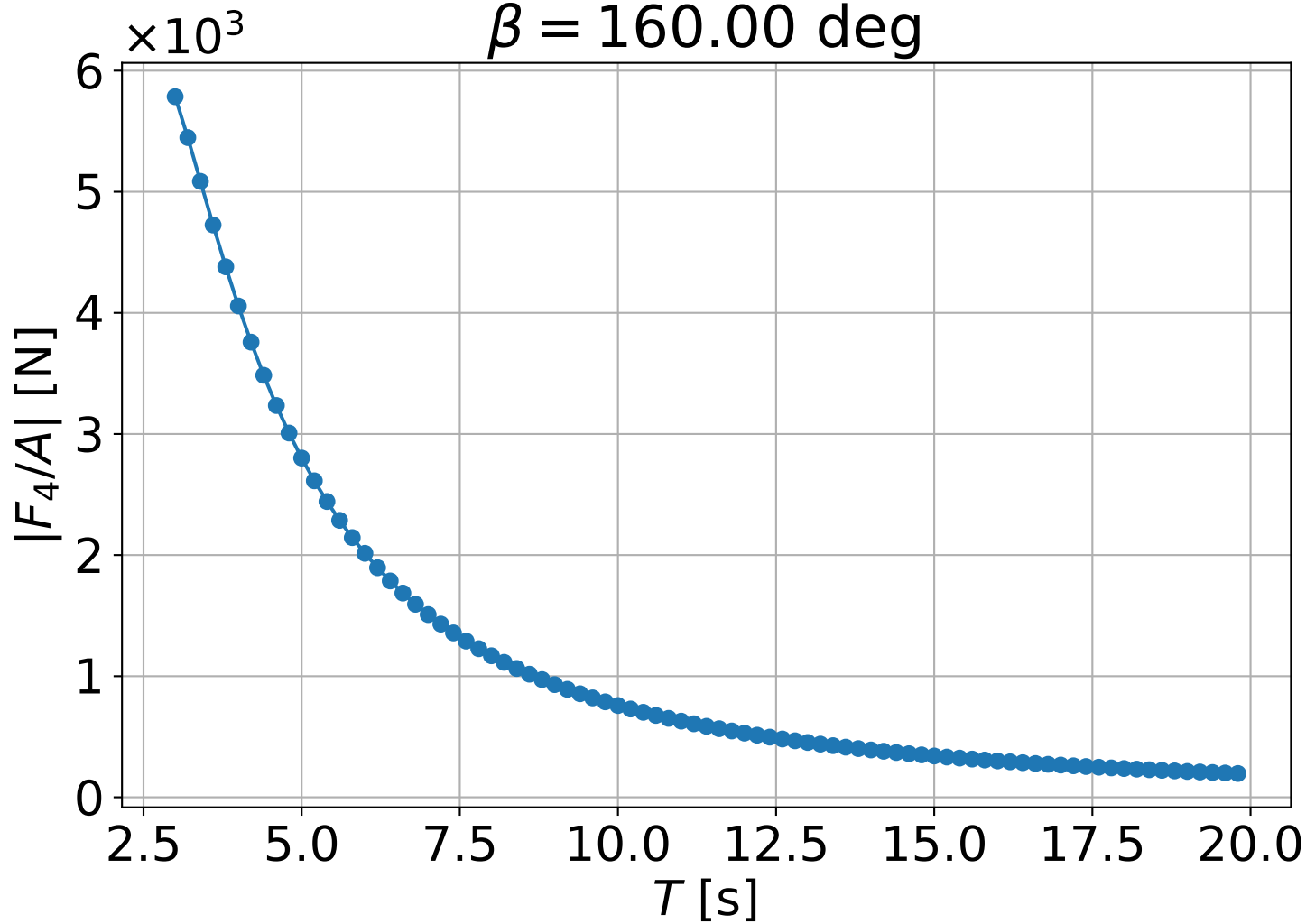
$\beta = 150.00$ deg



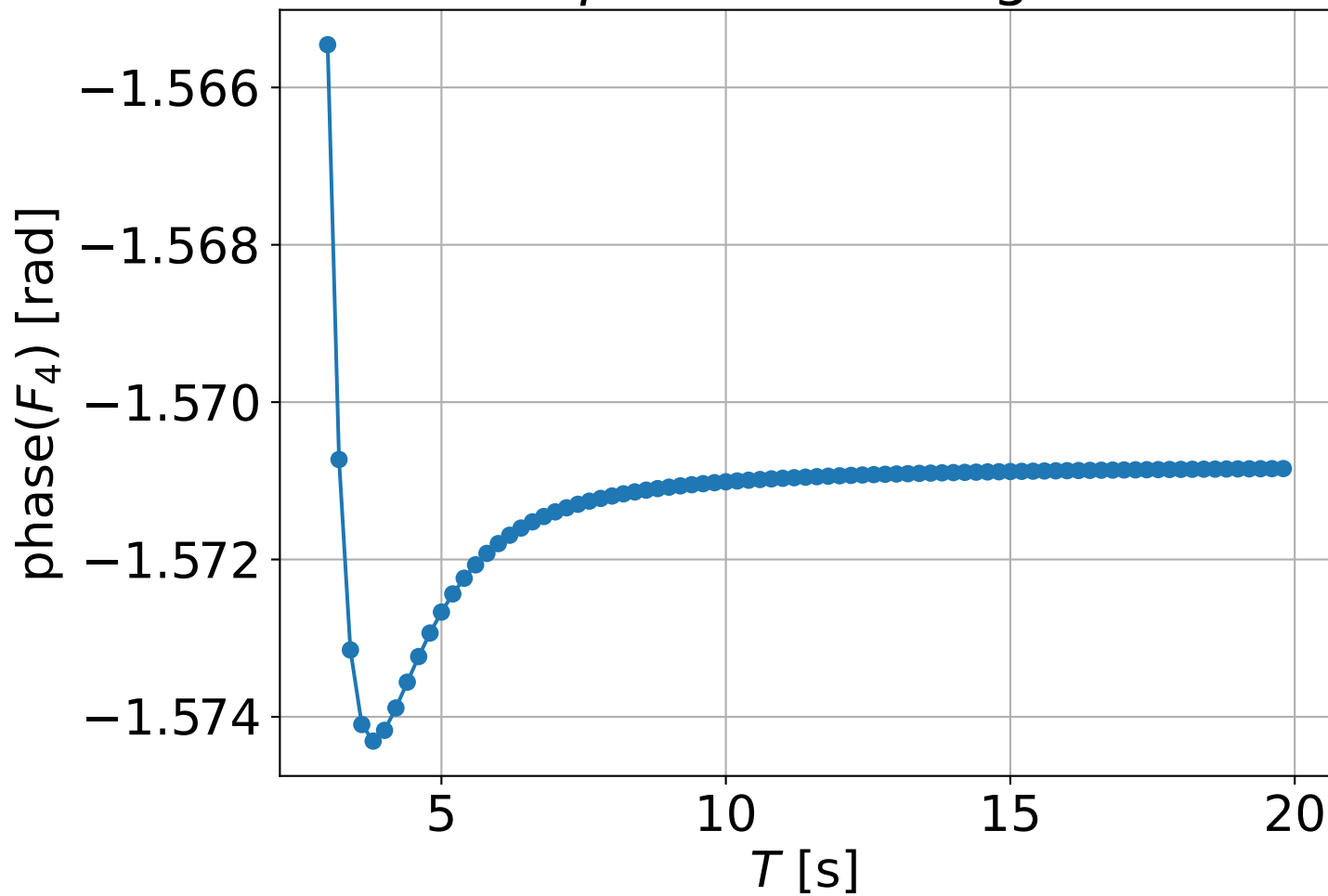
$\beta = 150.00$ deg



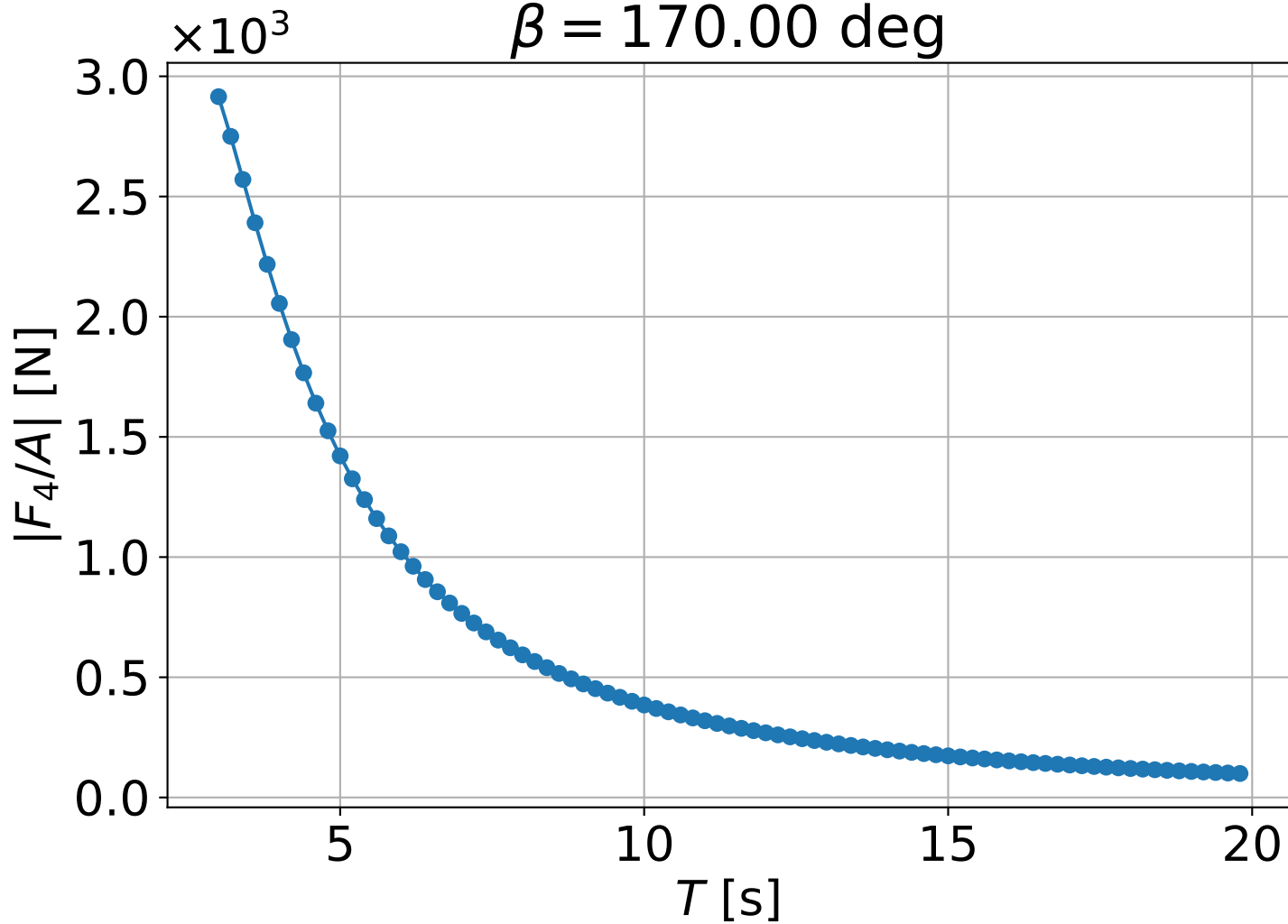
$\beta = 160.00$ deg



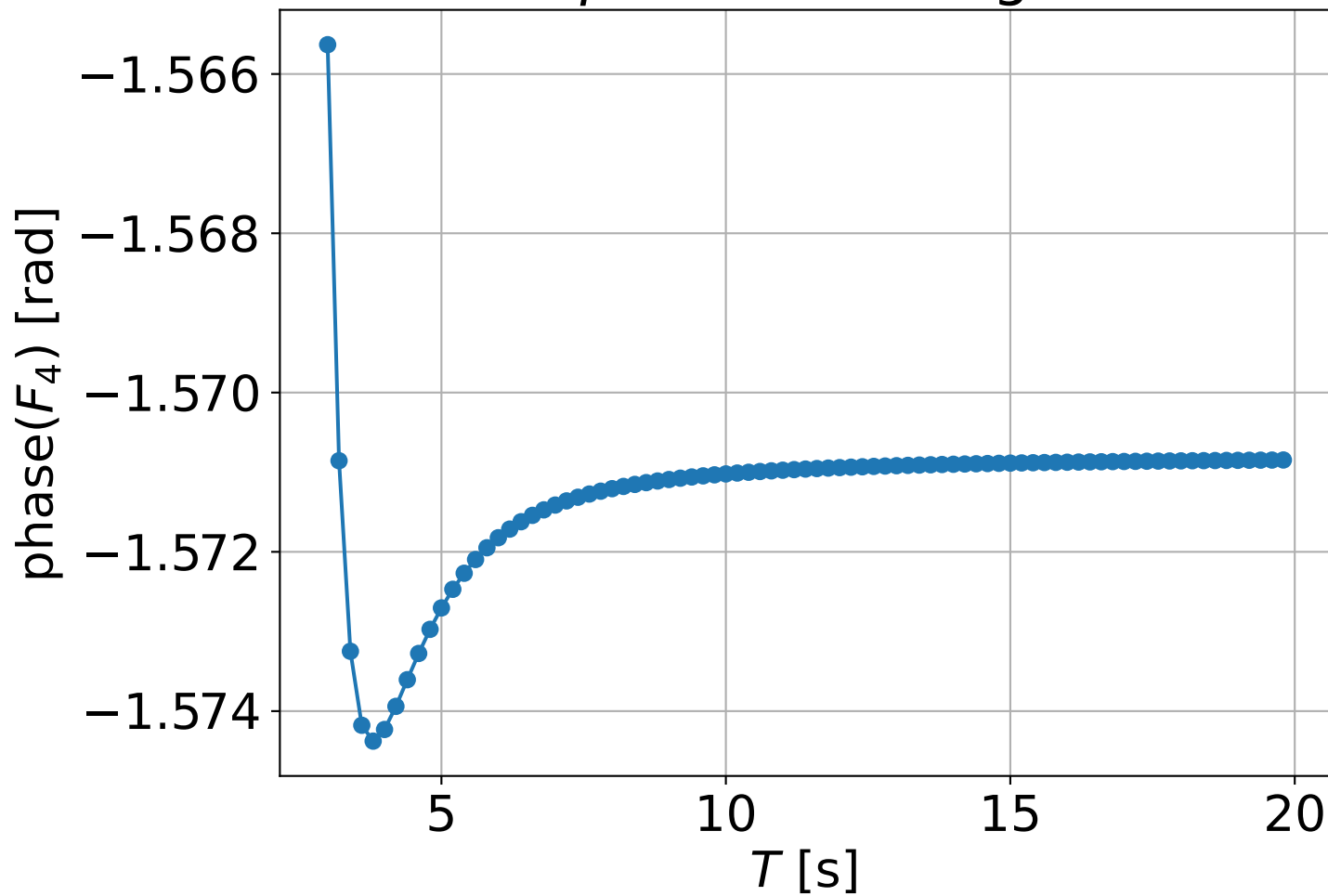
$\beta = 160.00$ deg

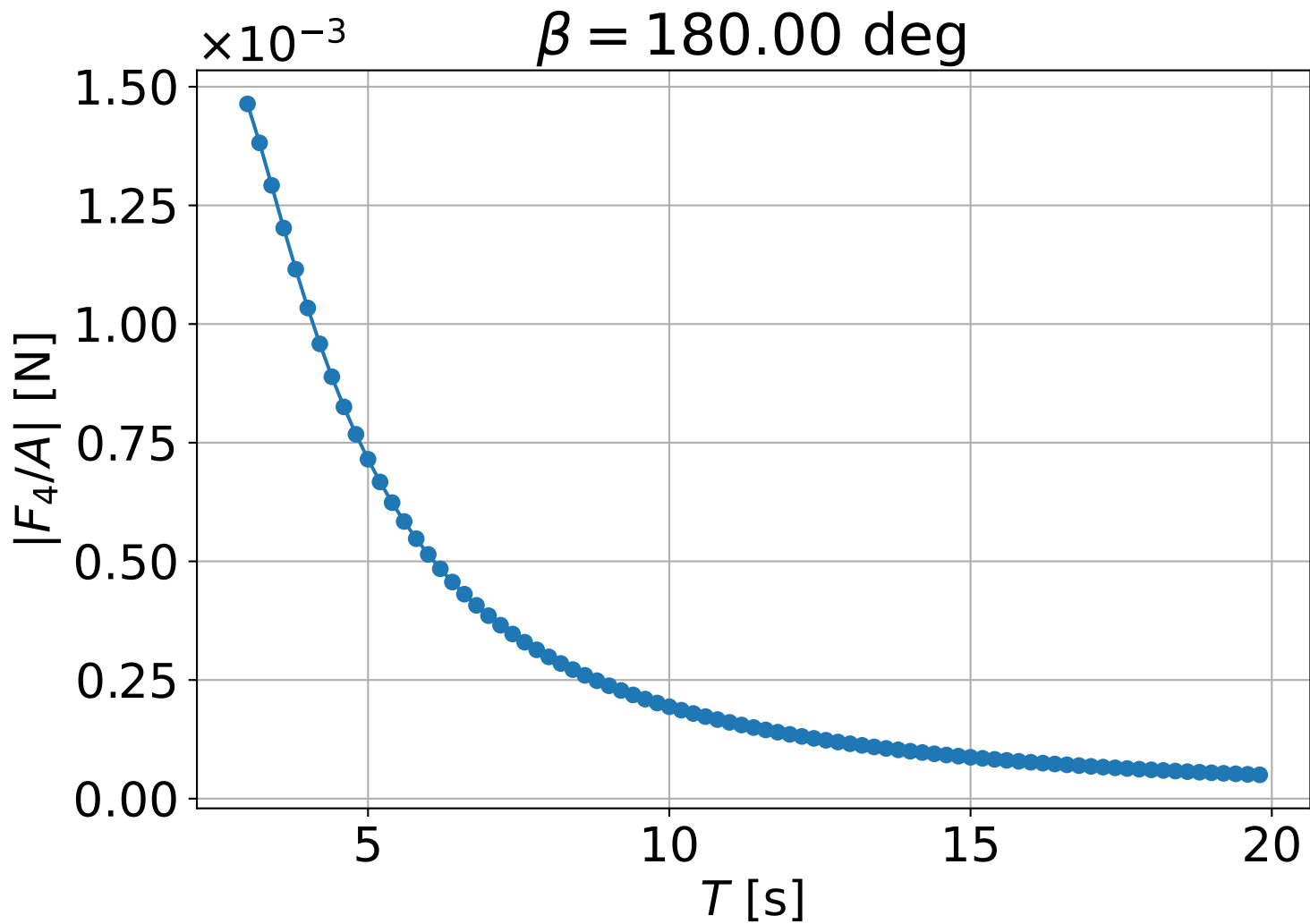


$\beta = 170.00$ deg

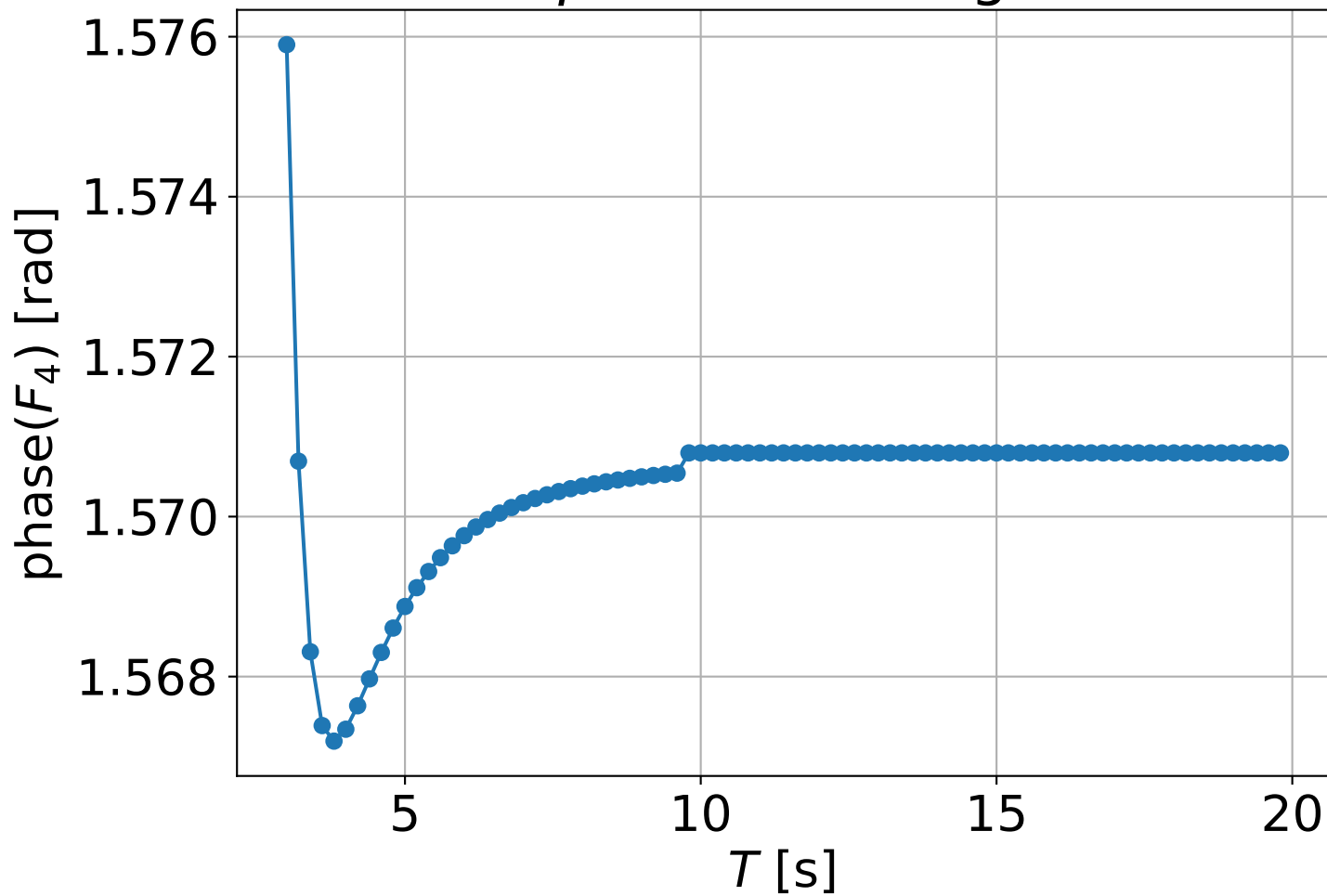


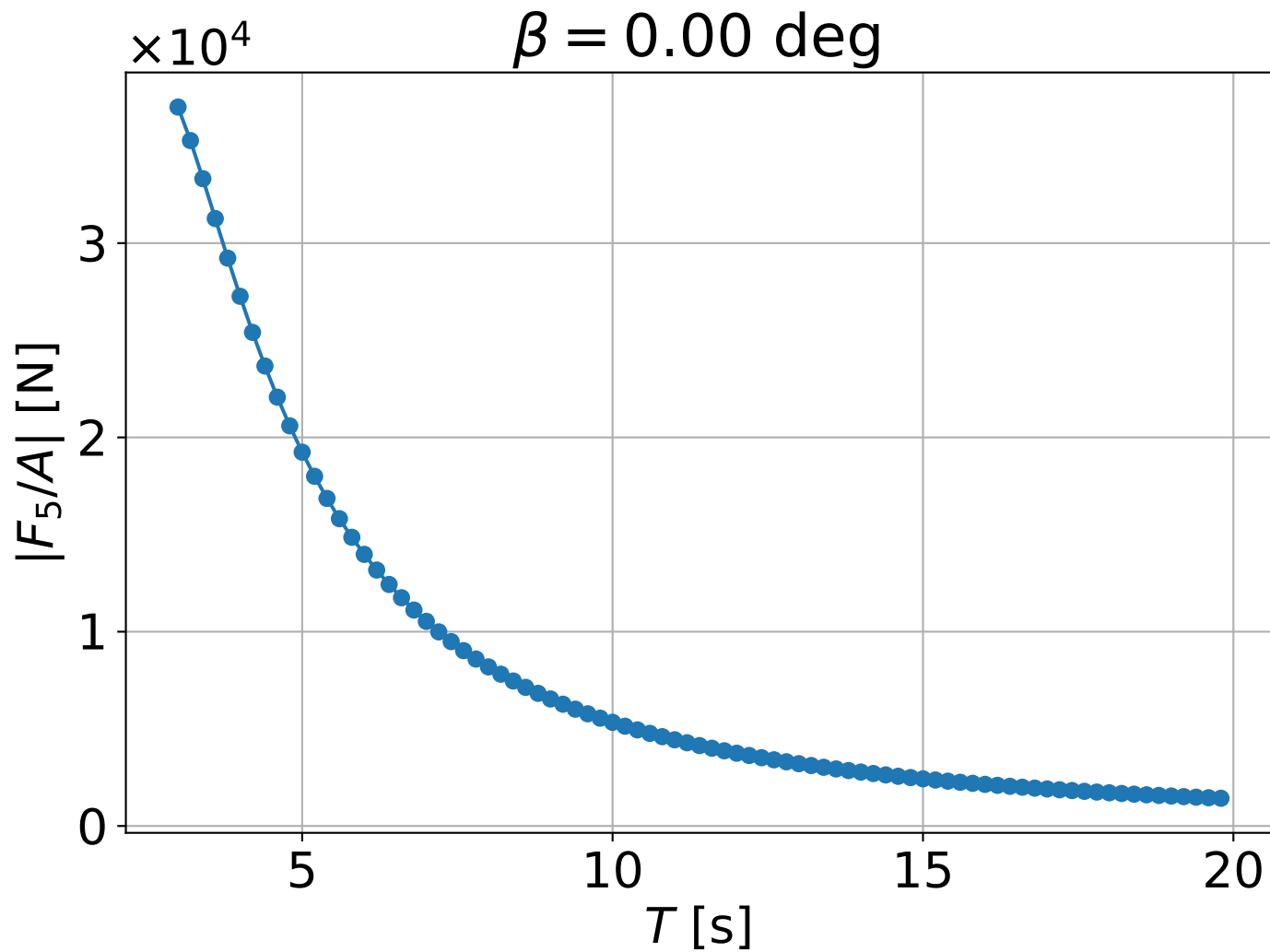
$\beta = 170.00$ deg



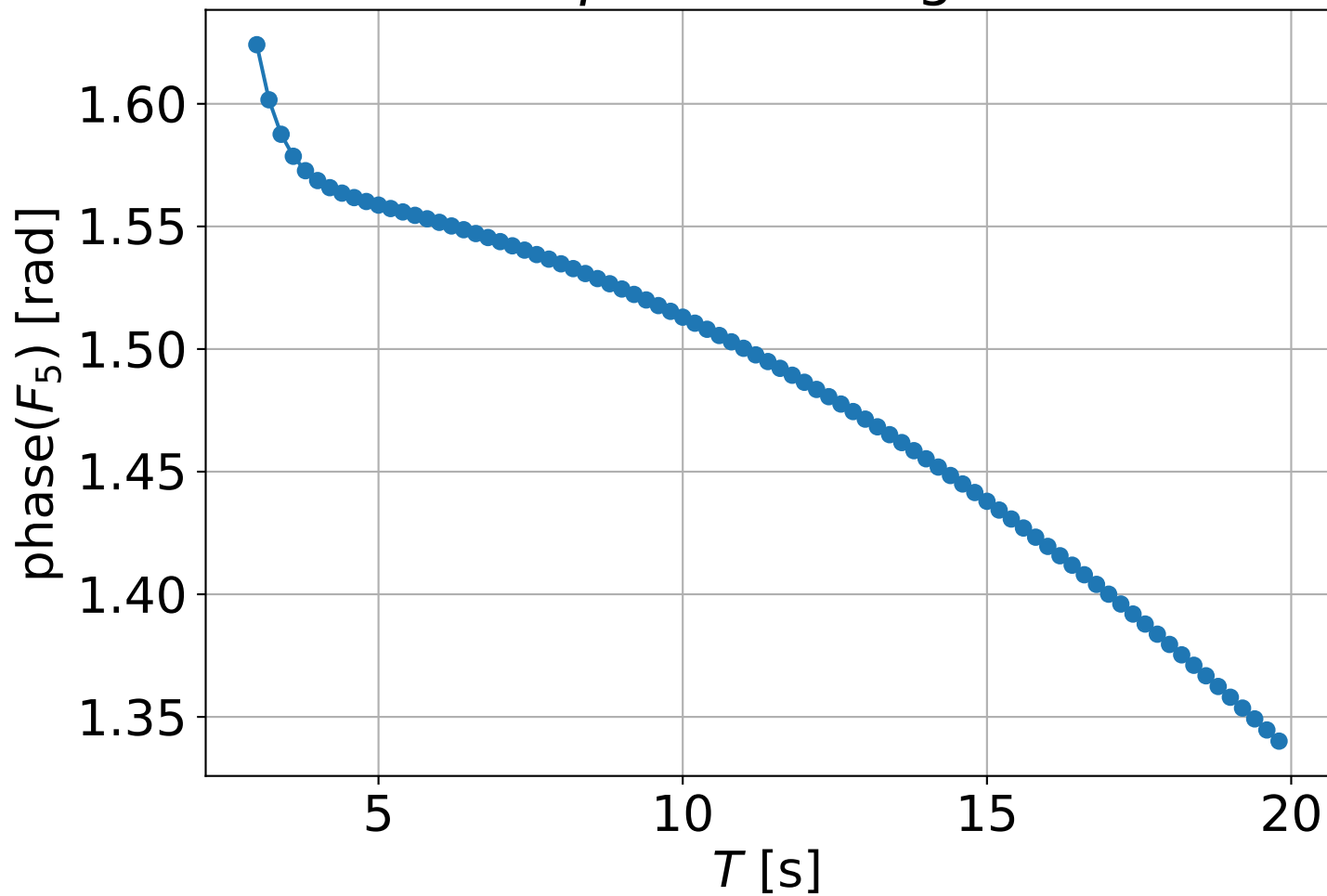


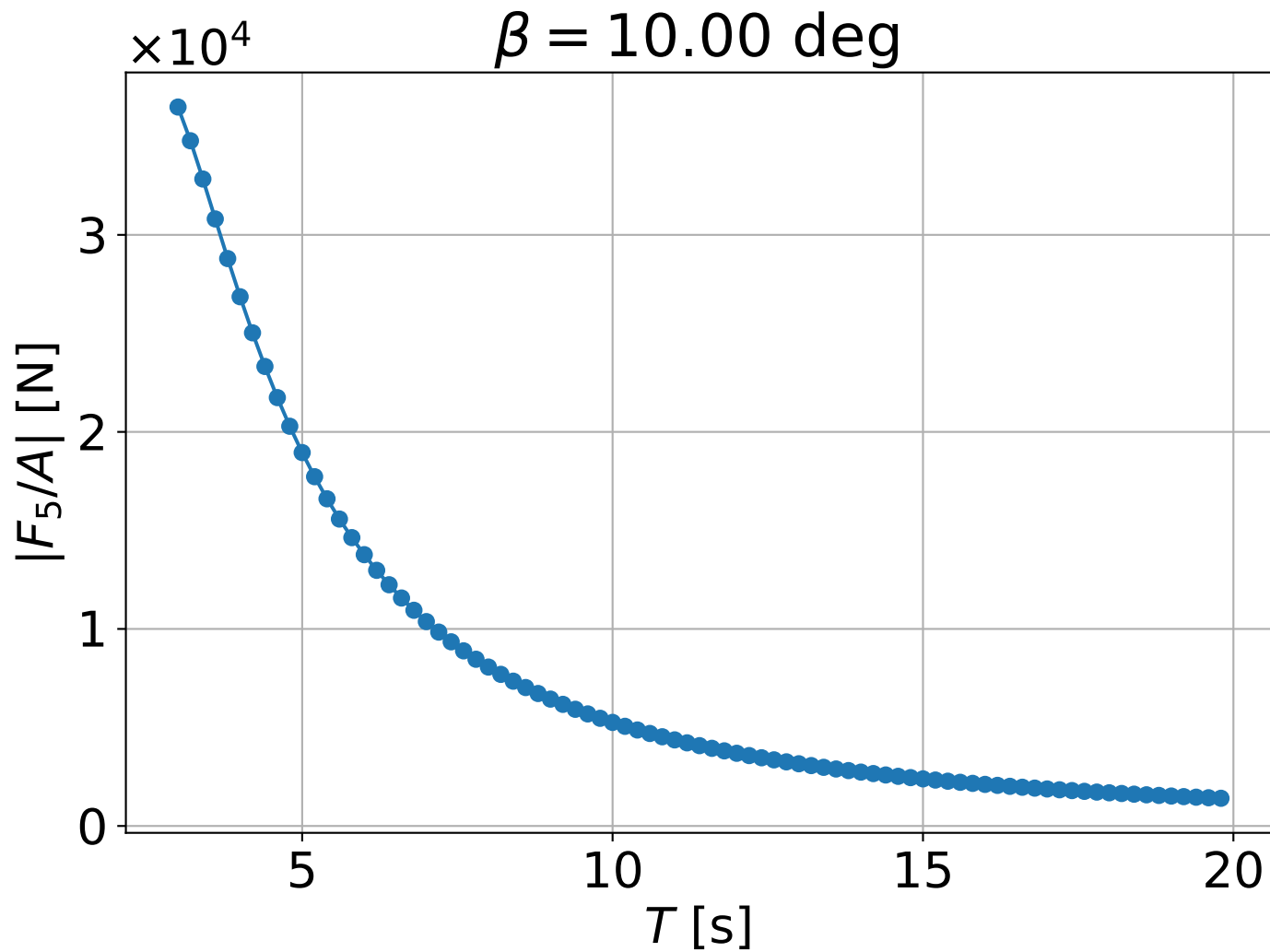
$\beta = 180.00$ deg



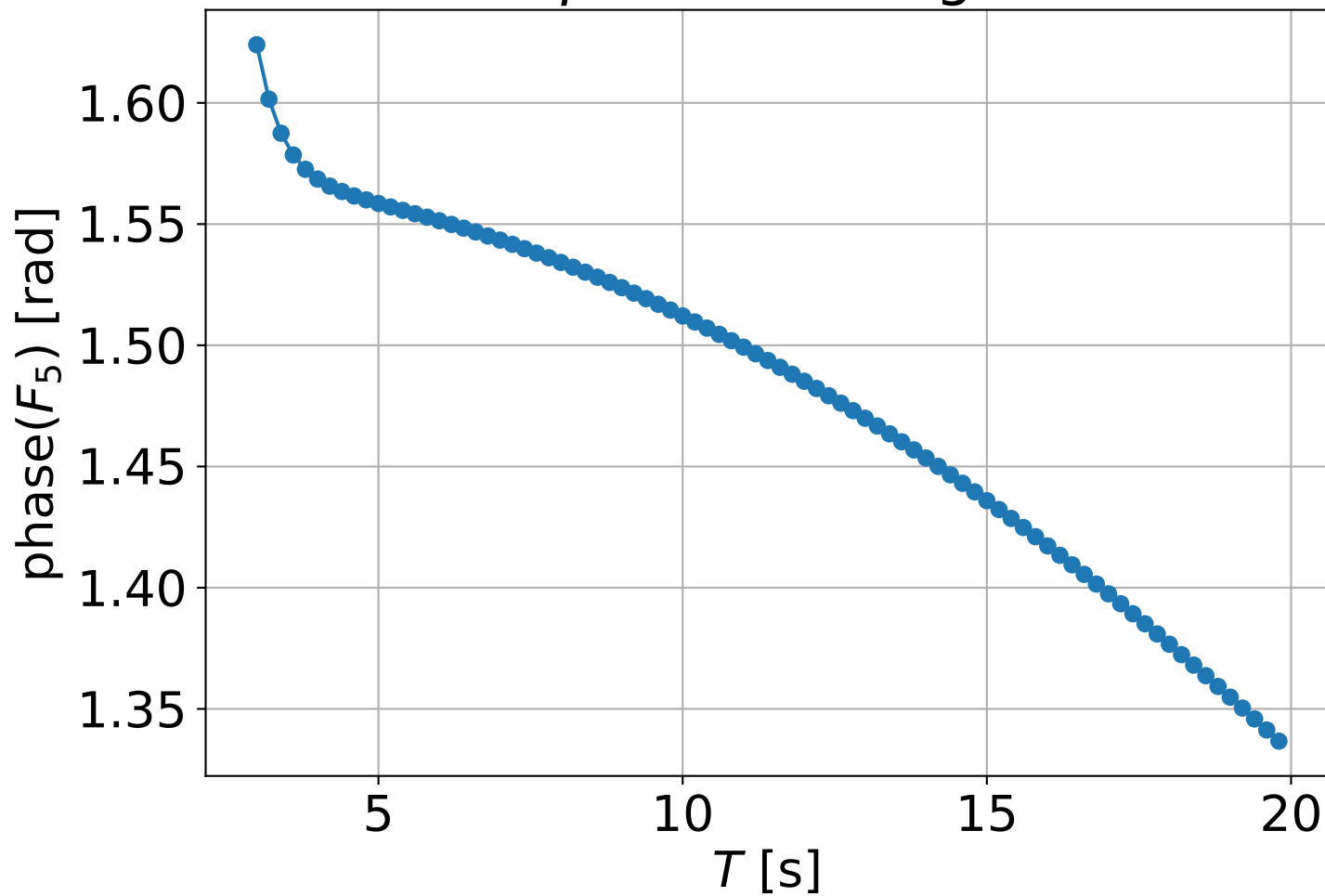


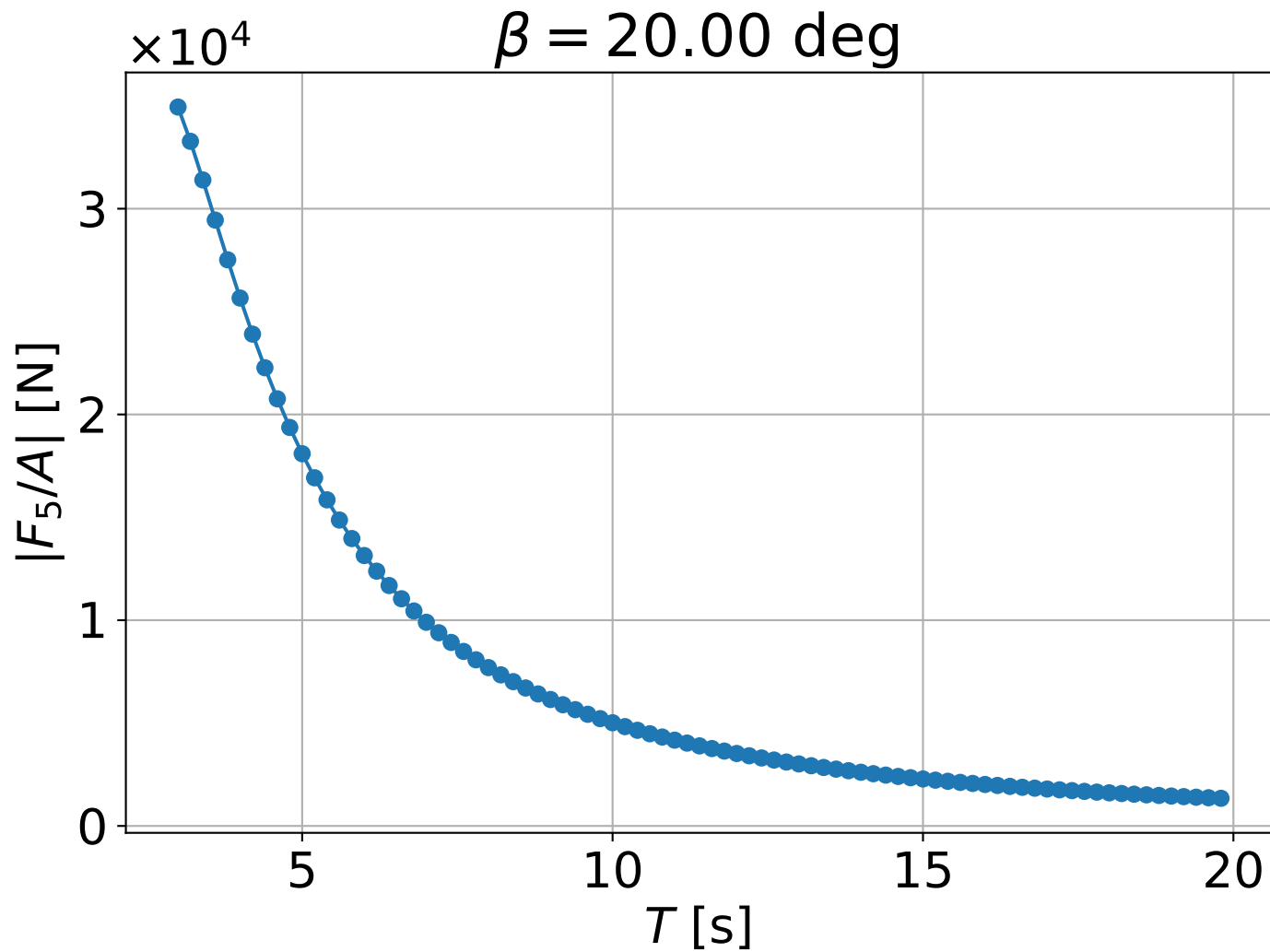
$\beta = 0.00$ deg



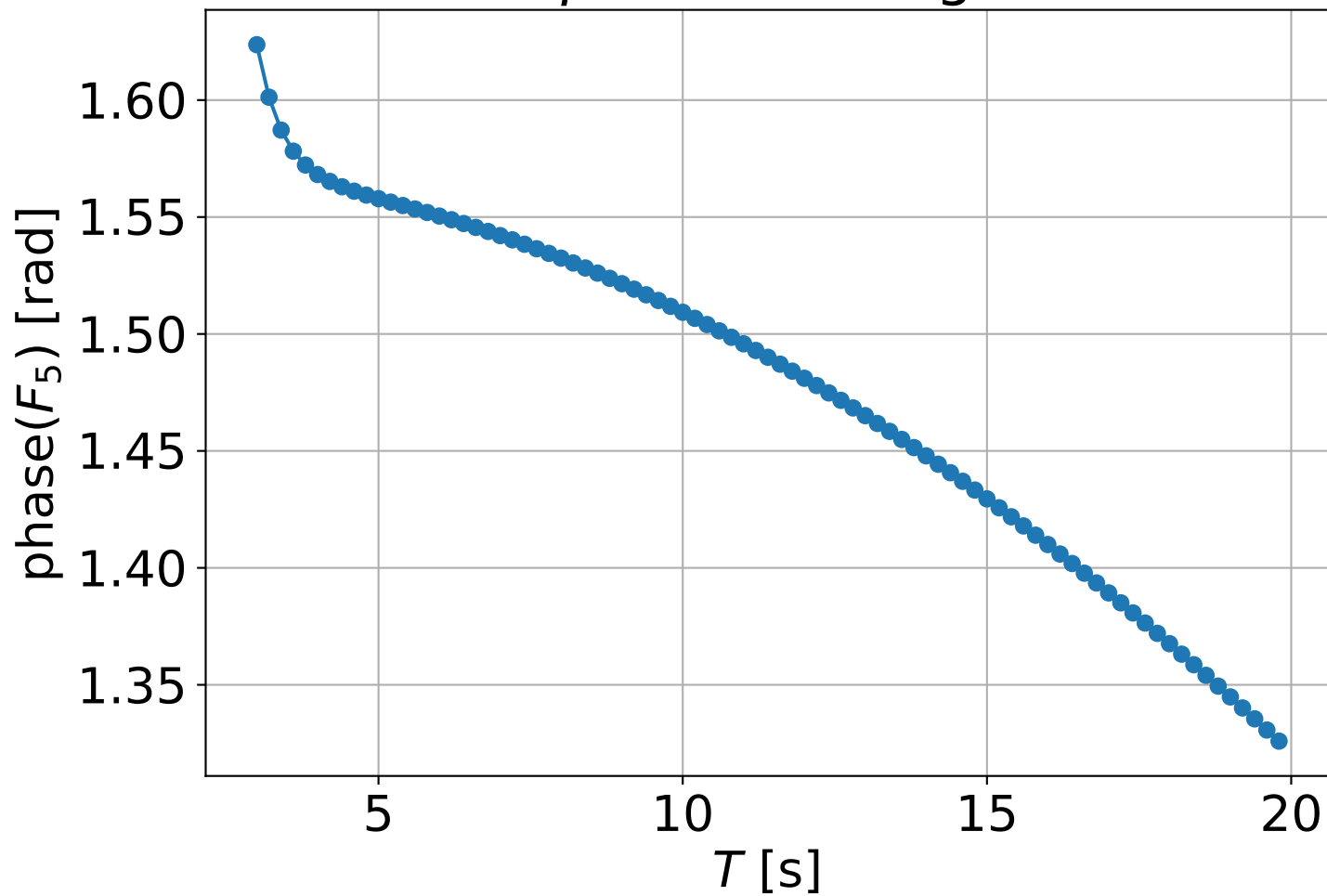


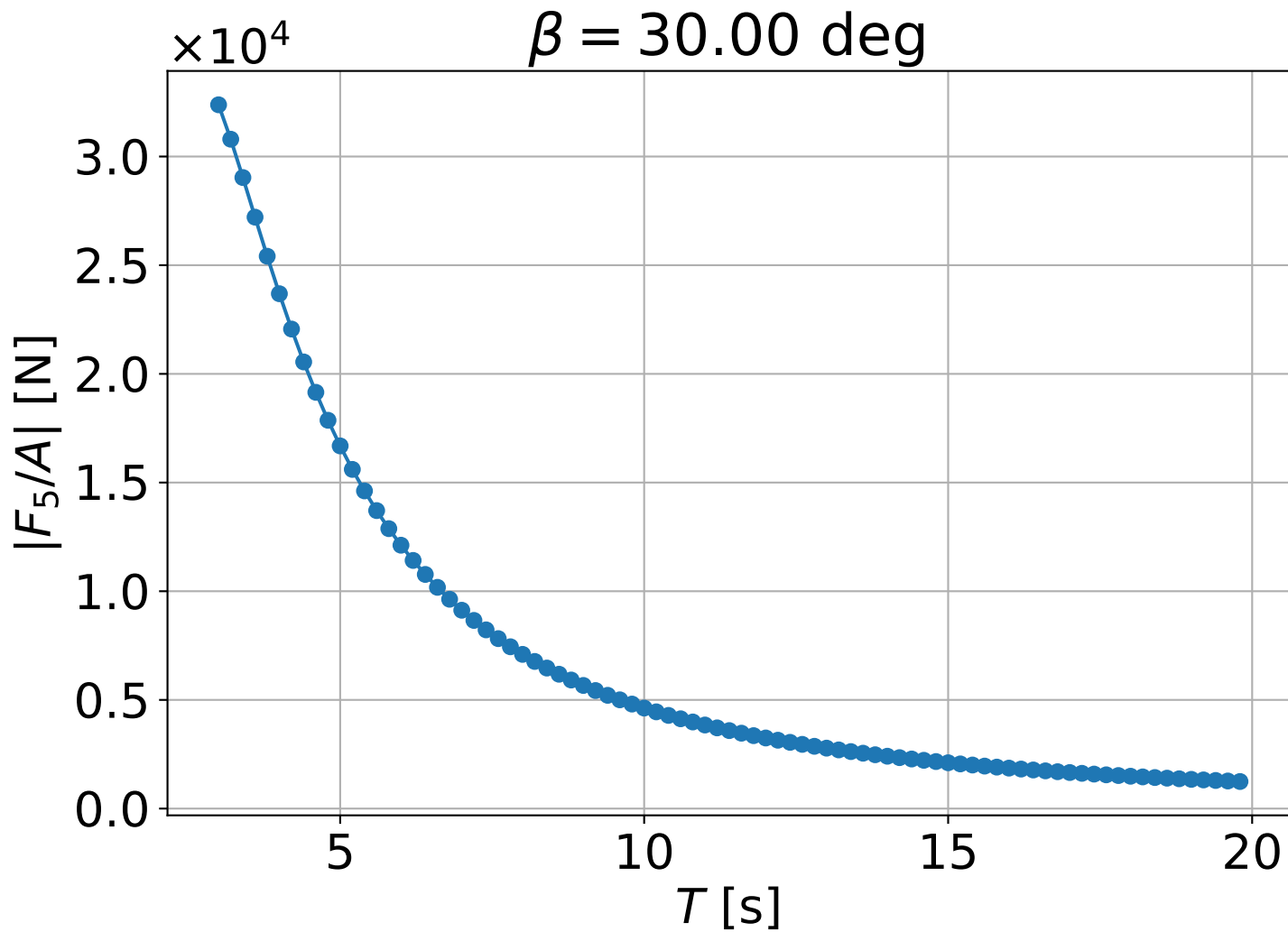
$\beta = 10.00$ deg



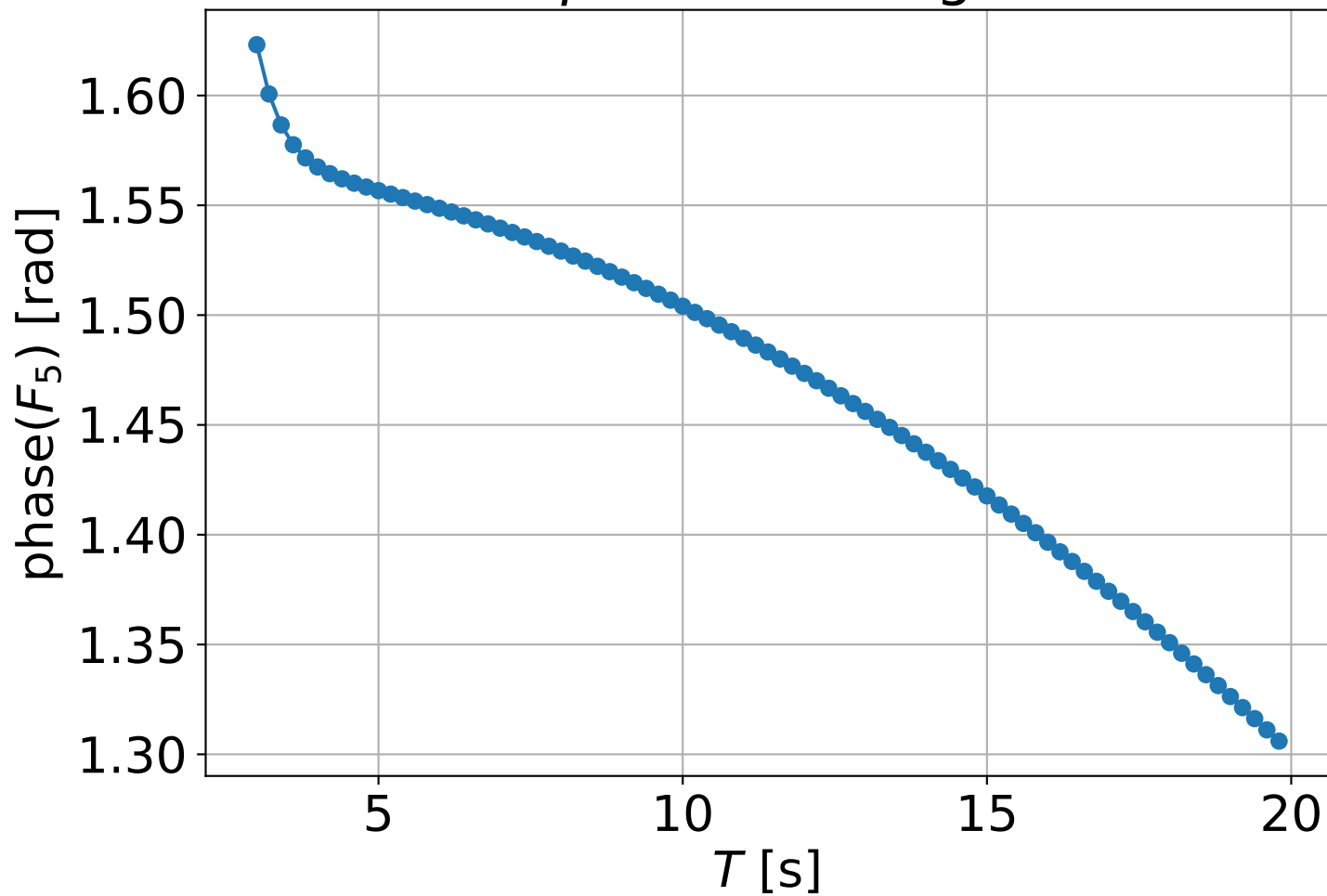


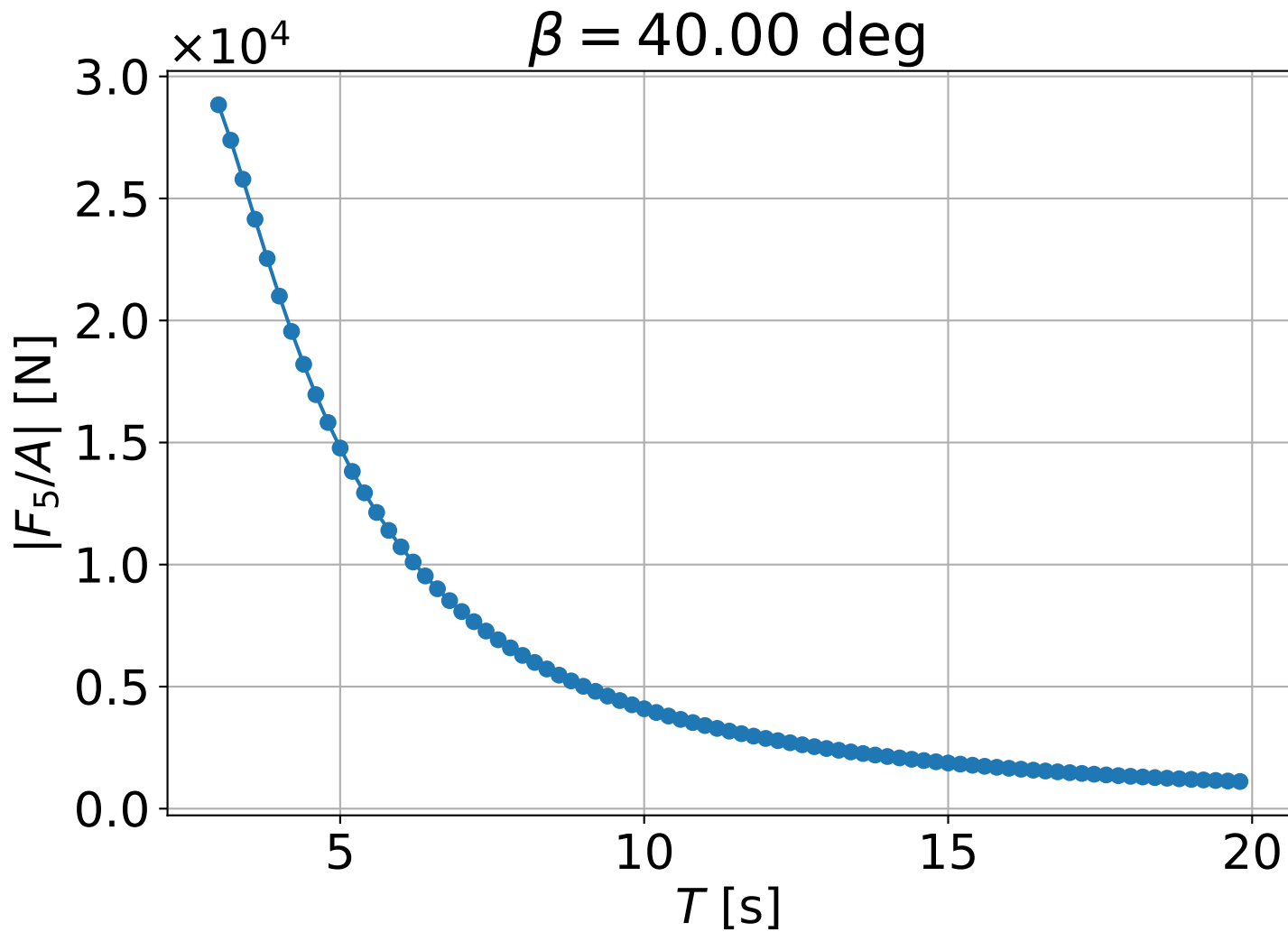
$\beta = 20.00$ deg



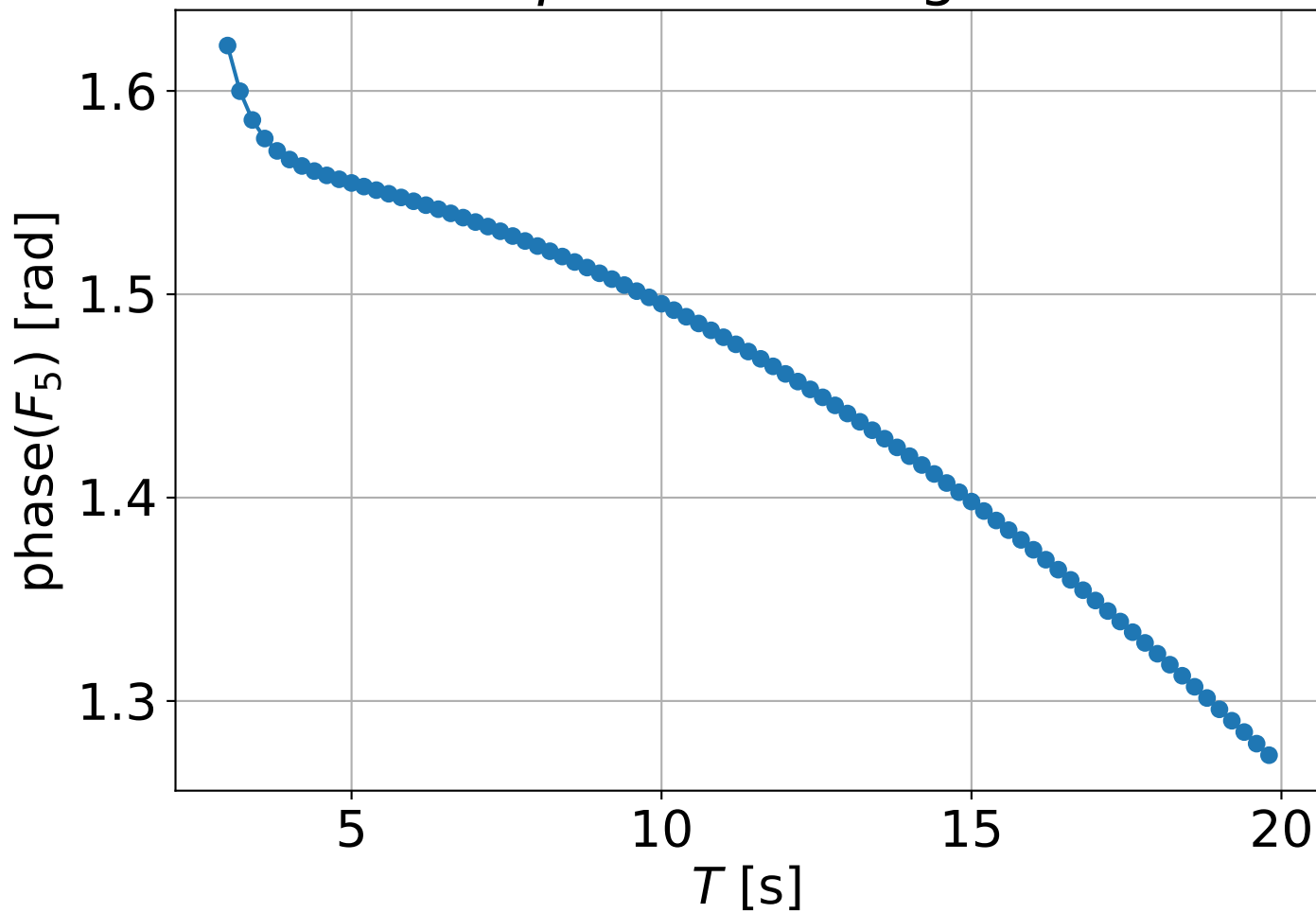


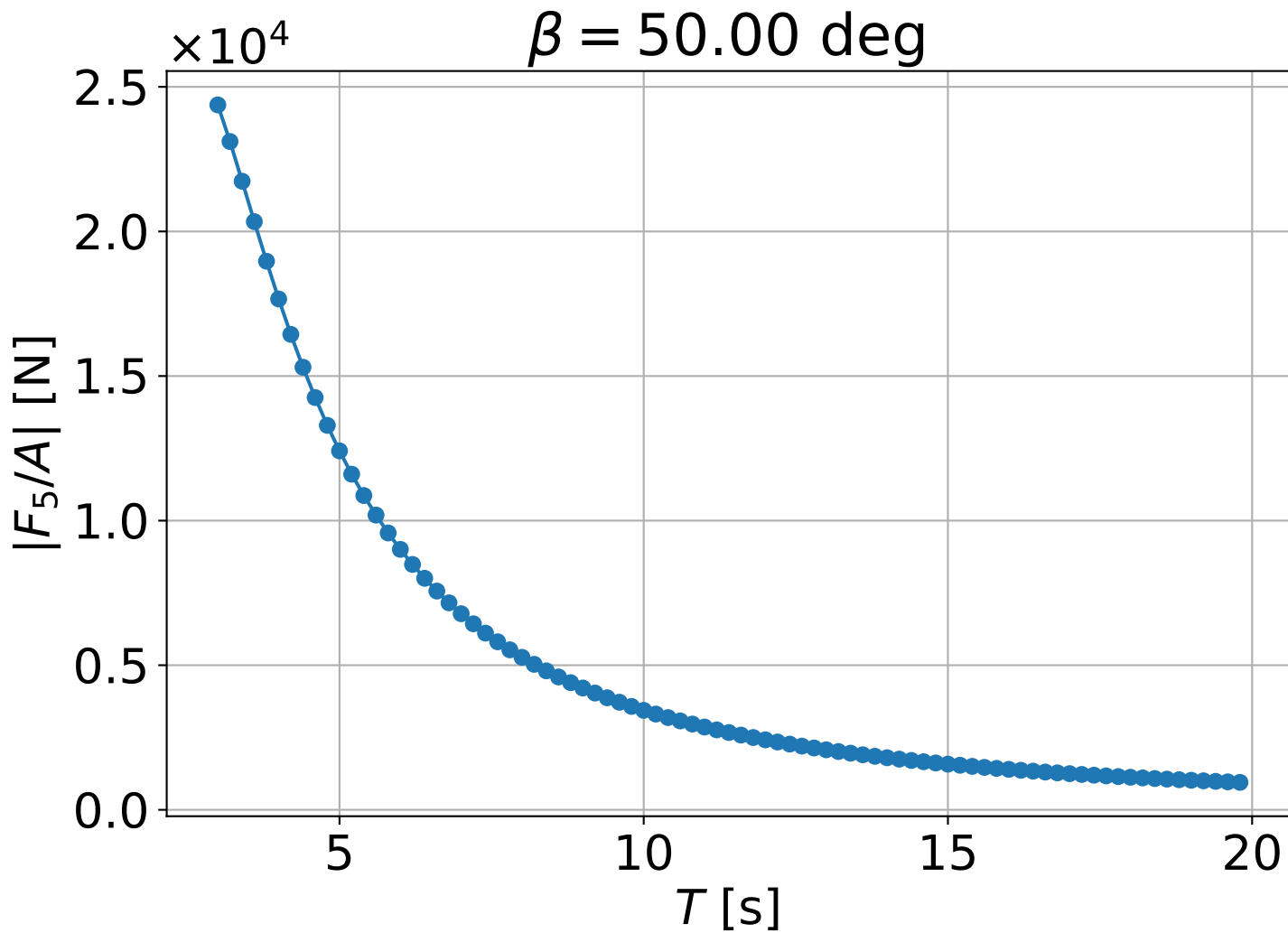
$\beta = 30.00$ deg



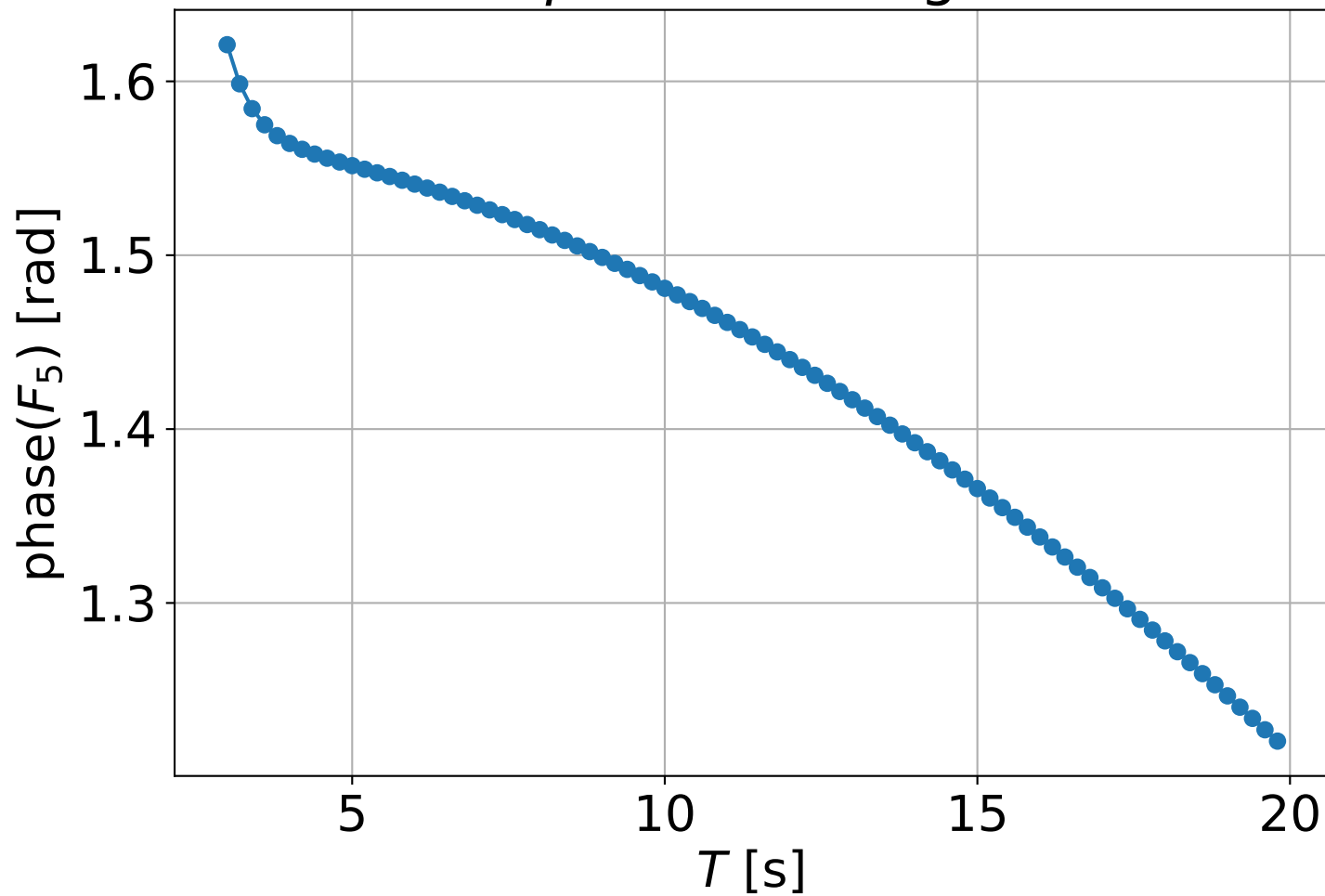


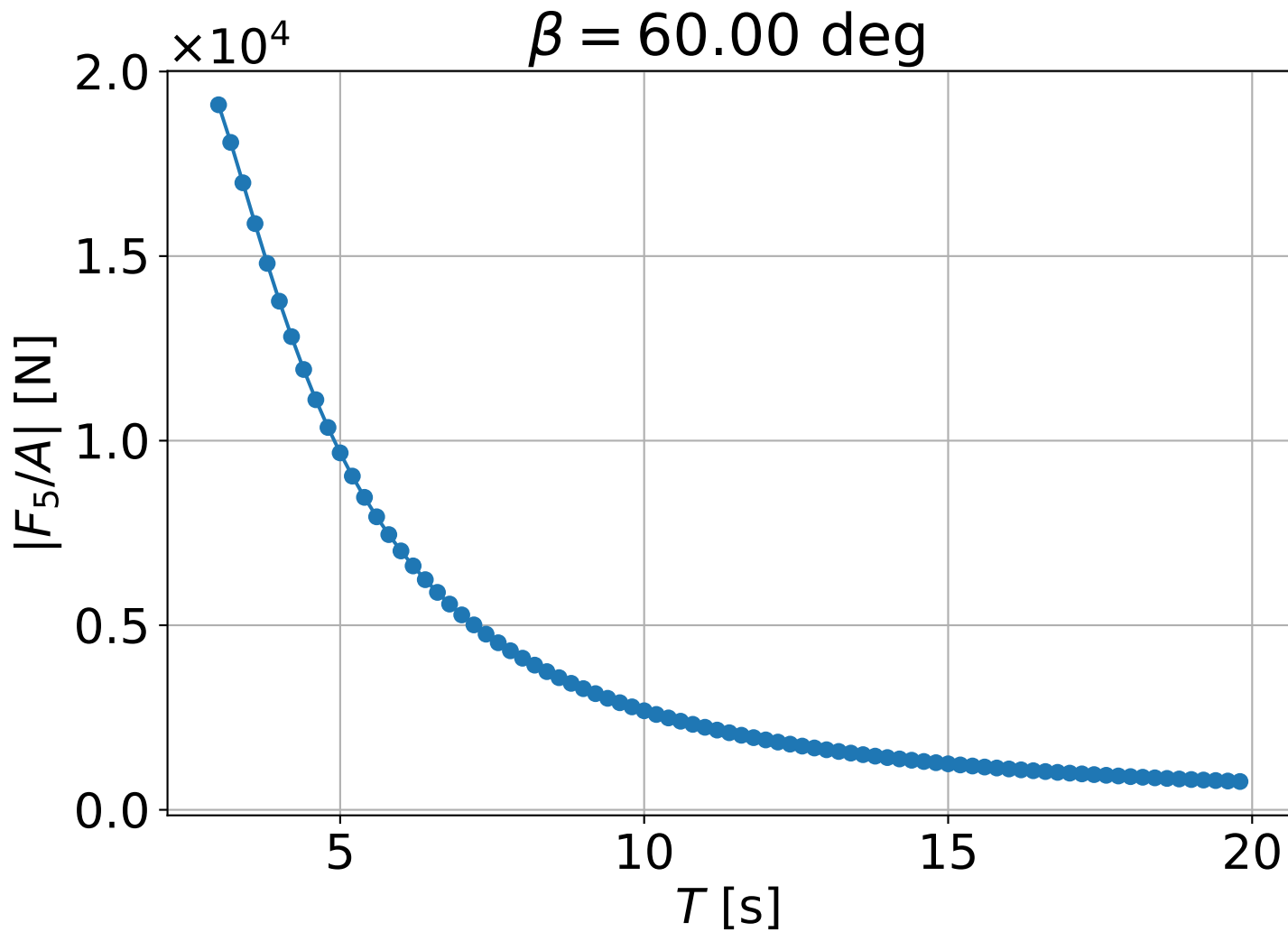
$\beta = 40.00$ deg



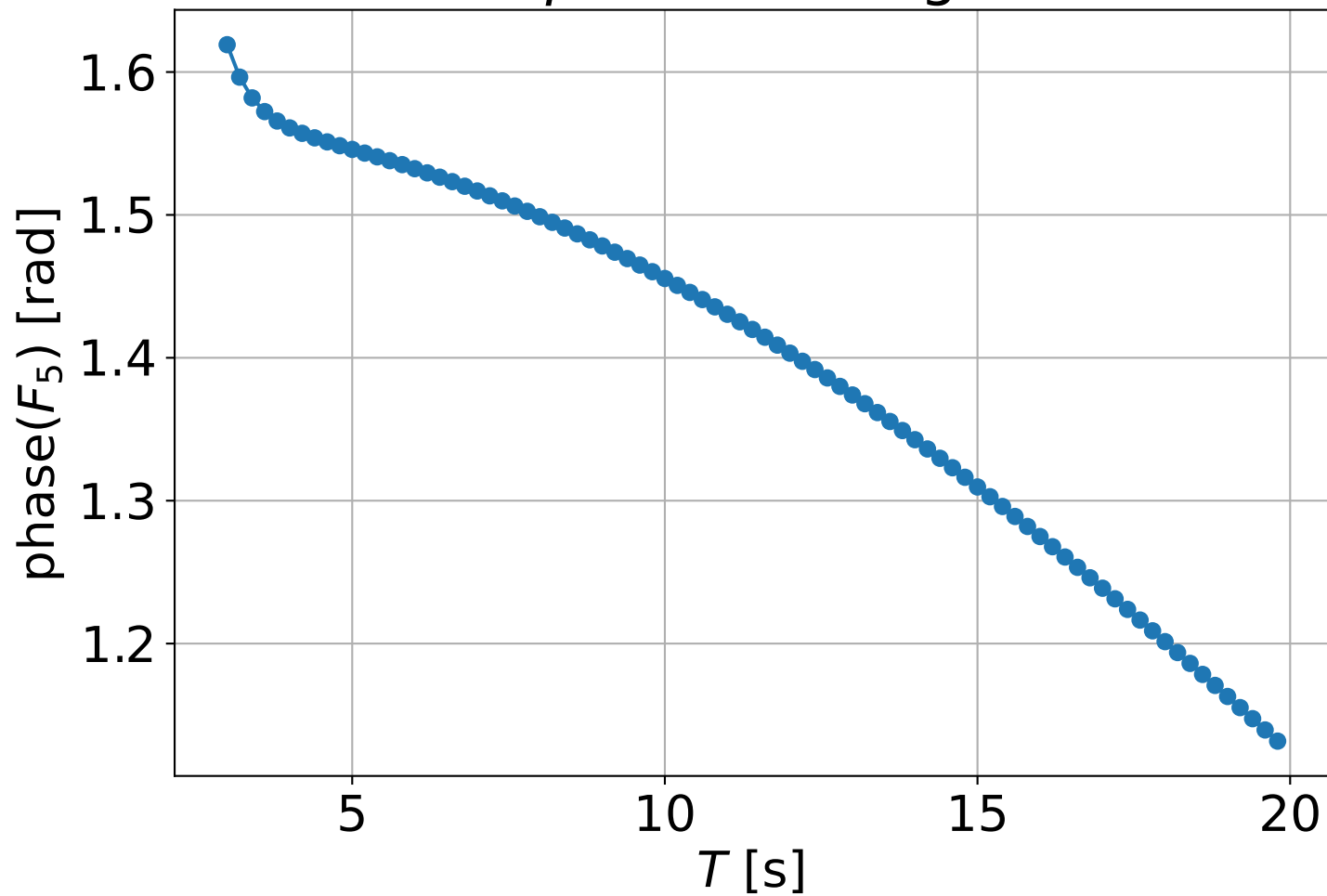


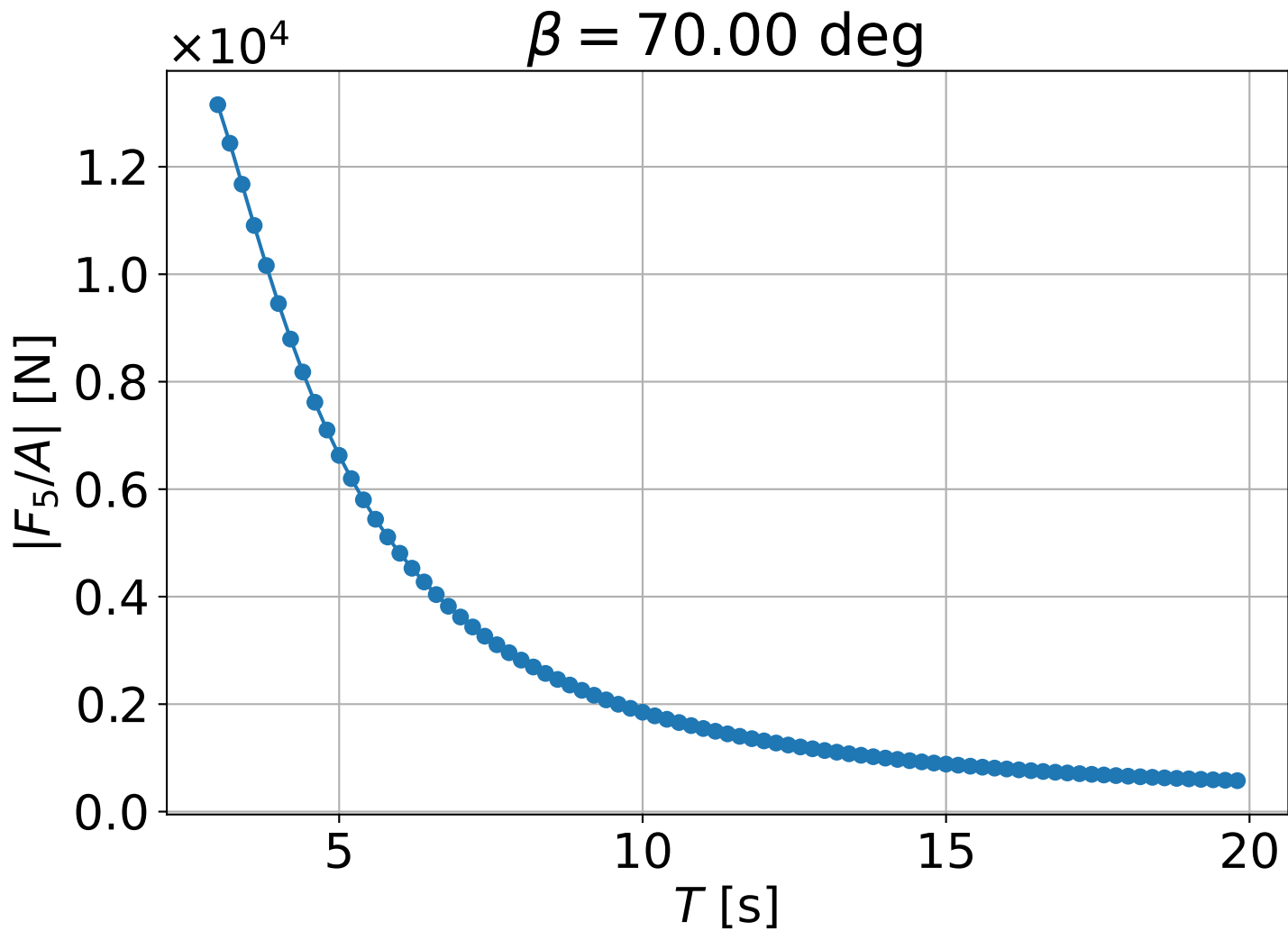
$\beta = 50.00$ deg



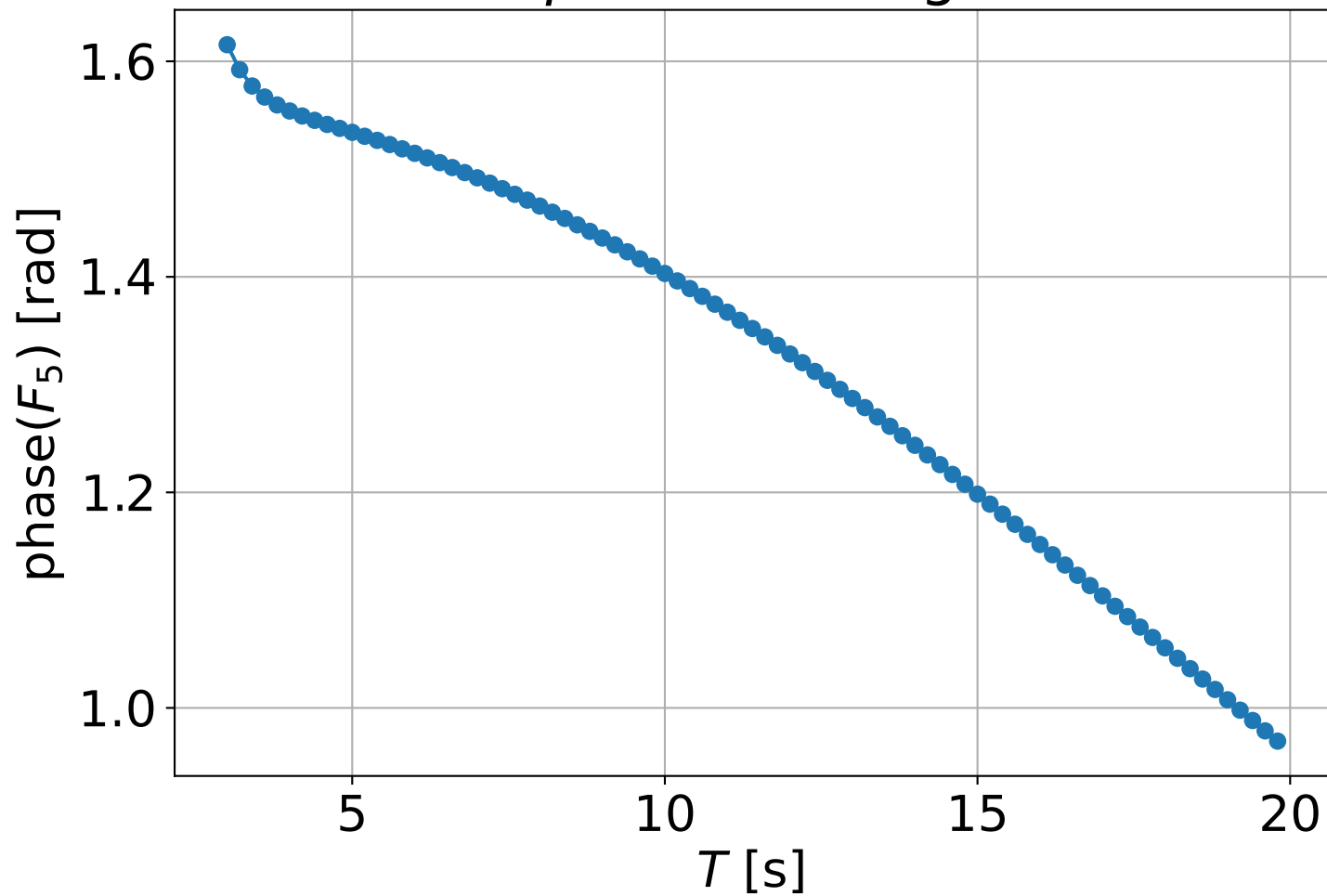


$\beta = 60.00$ deg

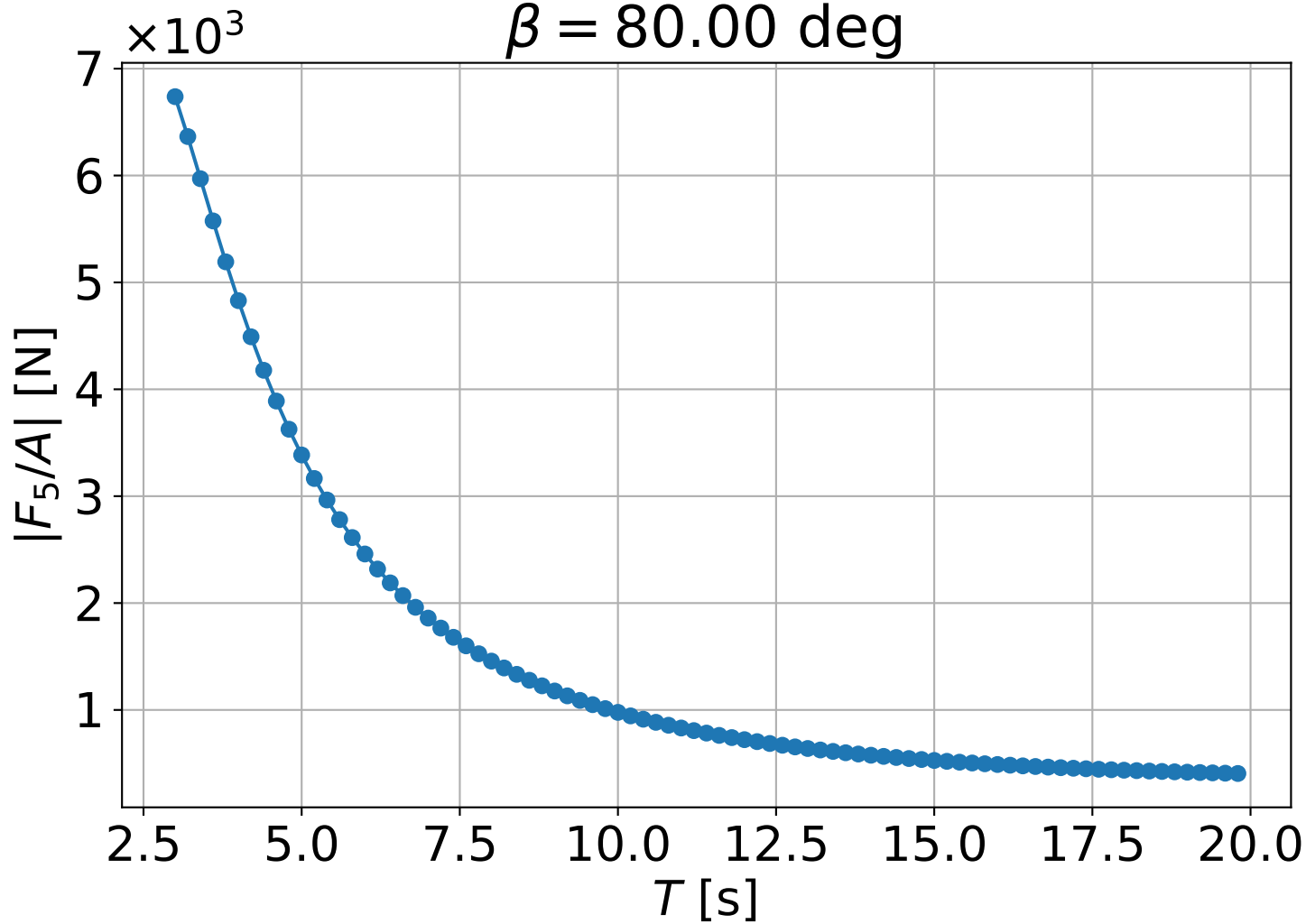




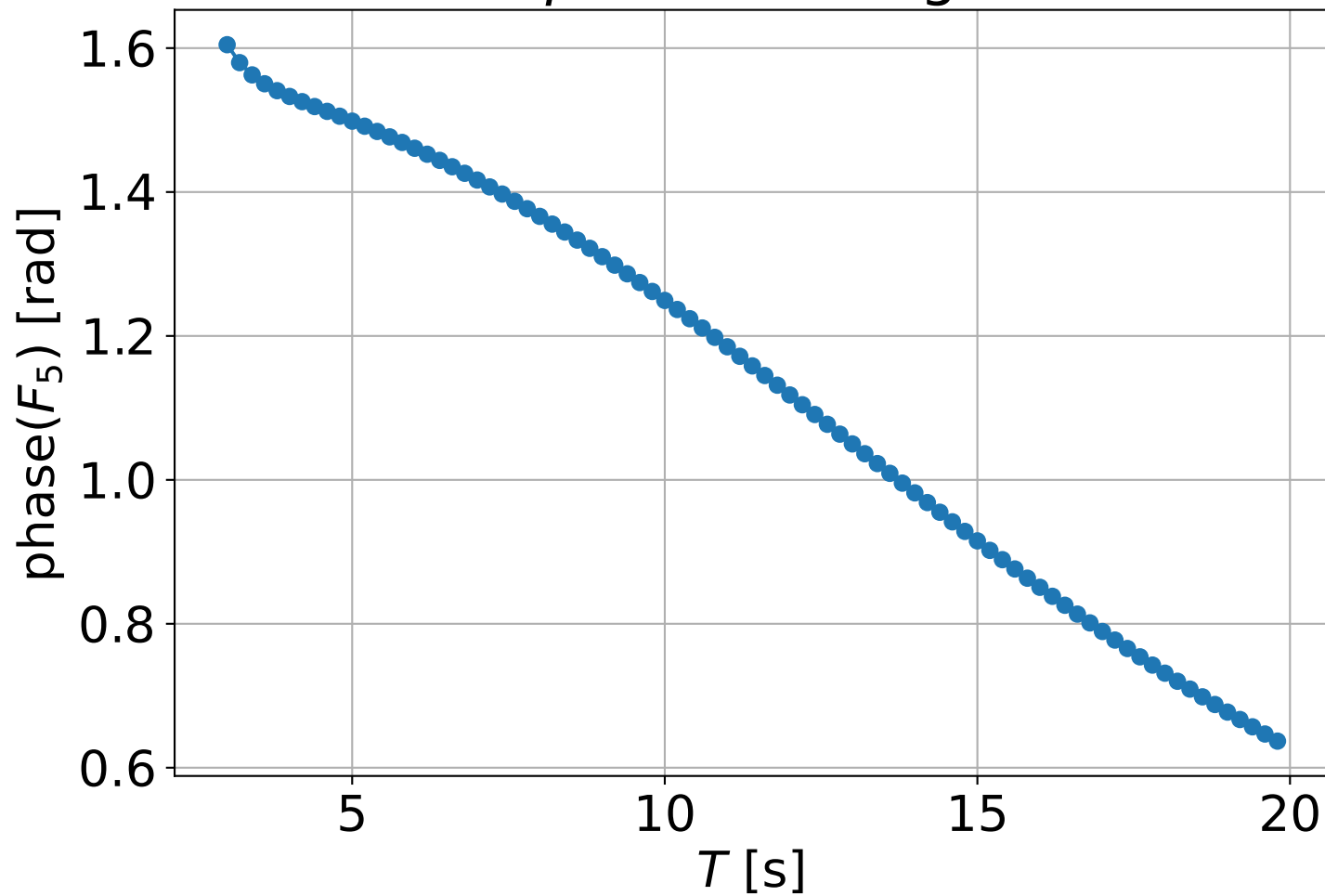
$\beta = 70.00$ deg

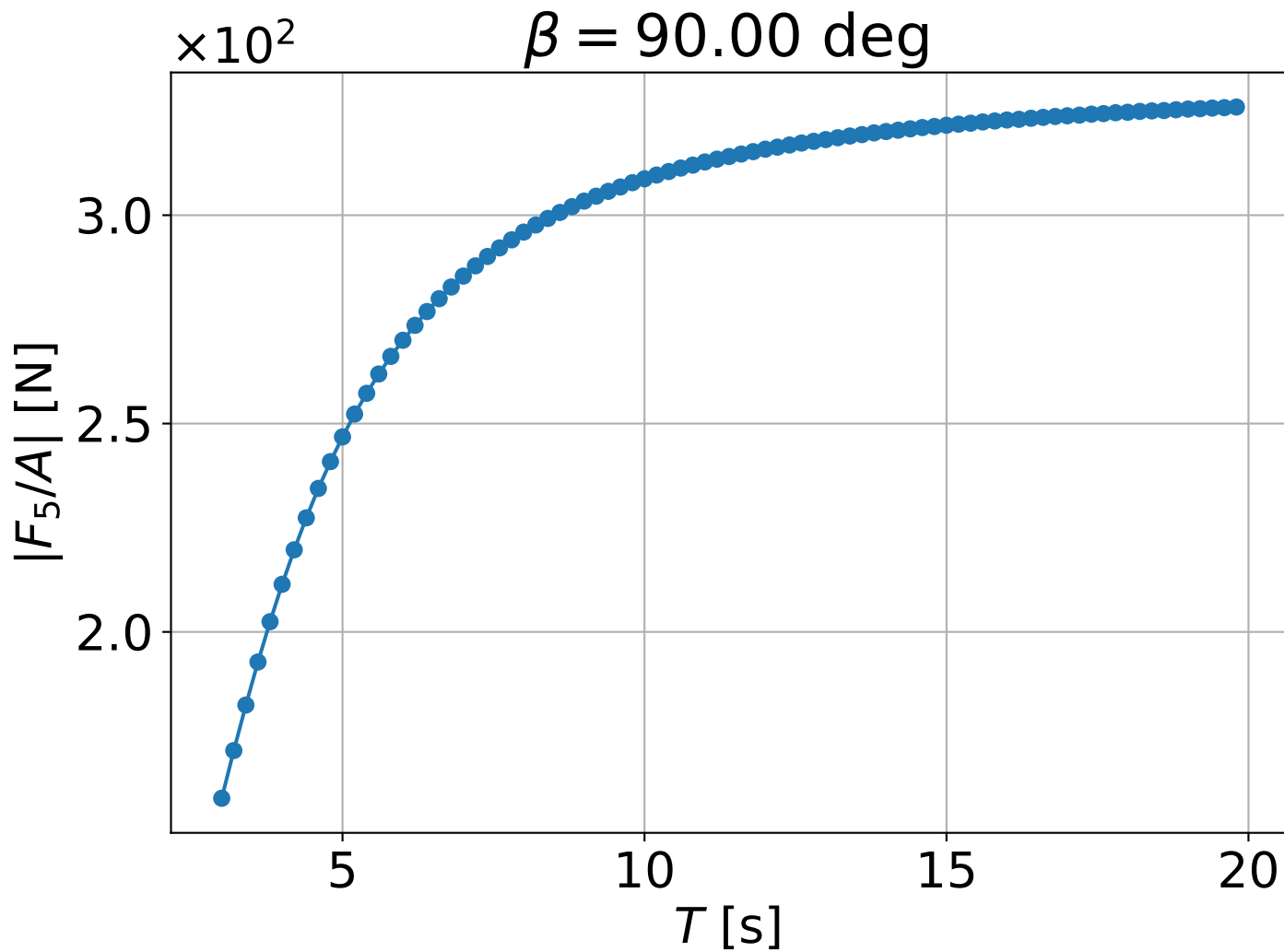


$\beta = 80.00$ deg

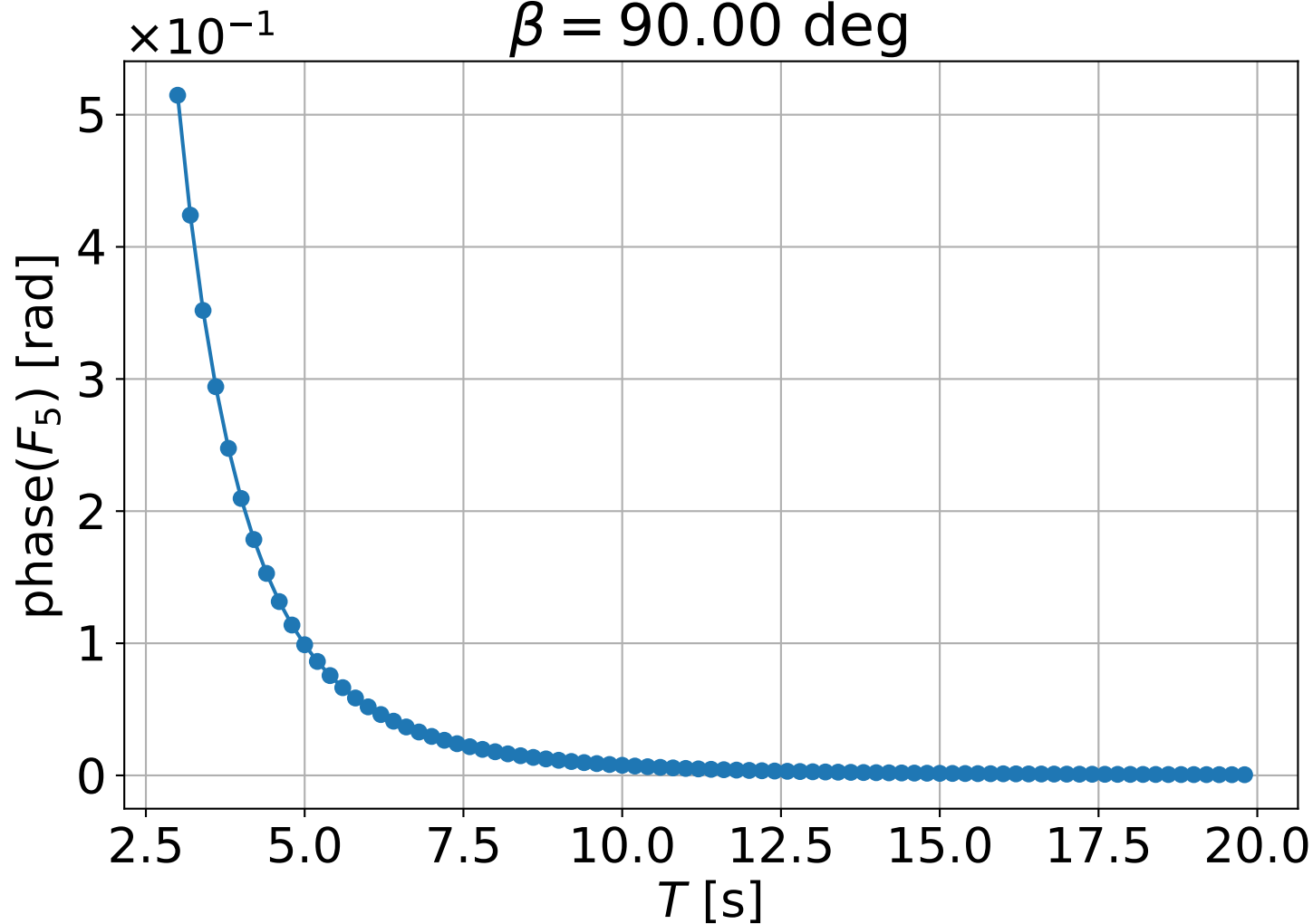


$\beta = 80.00$ deg

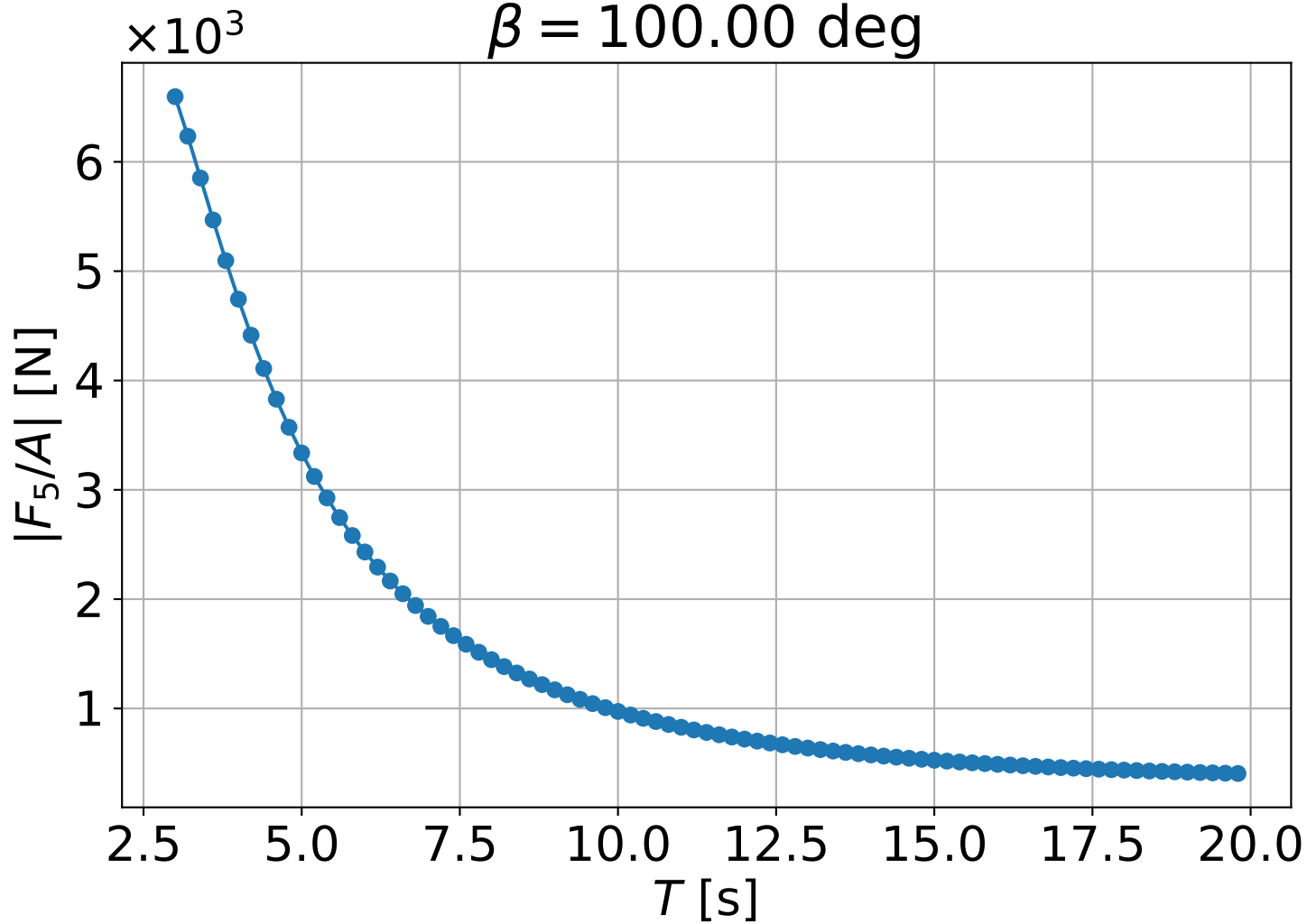




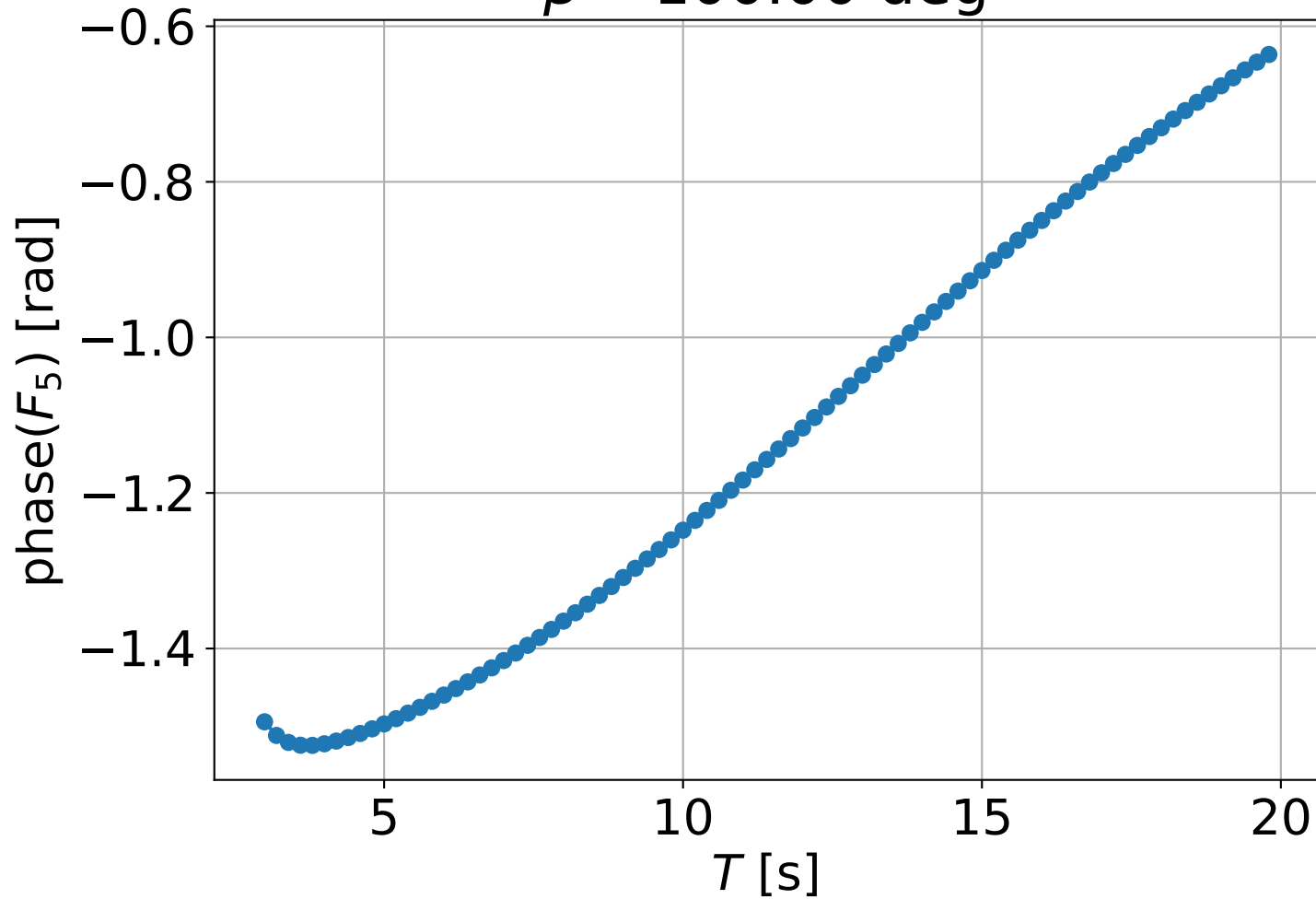
$\beta = 90.00$ deg

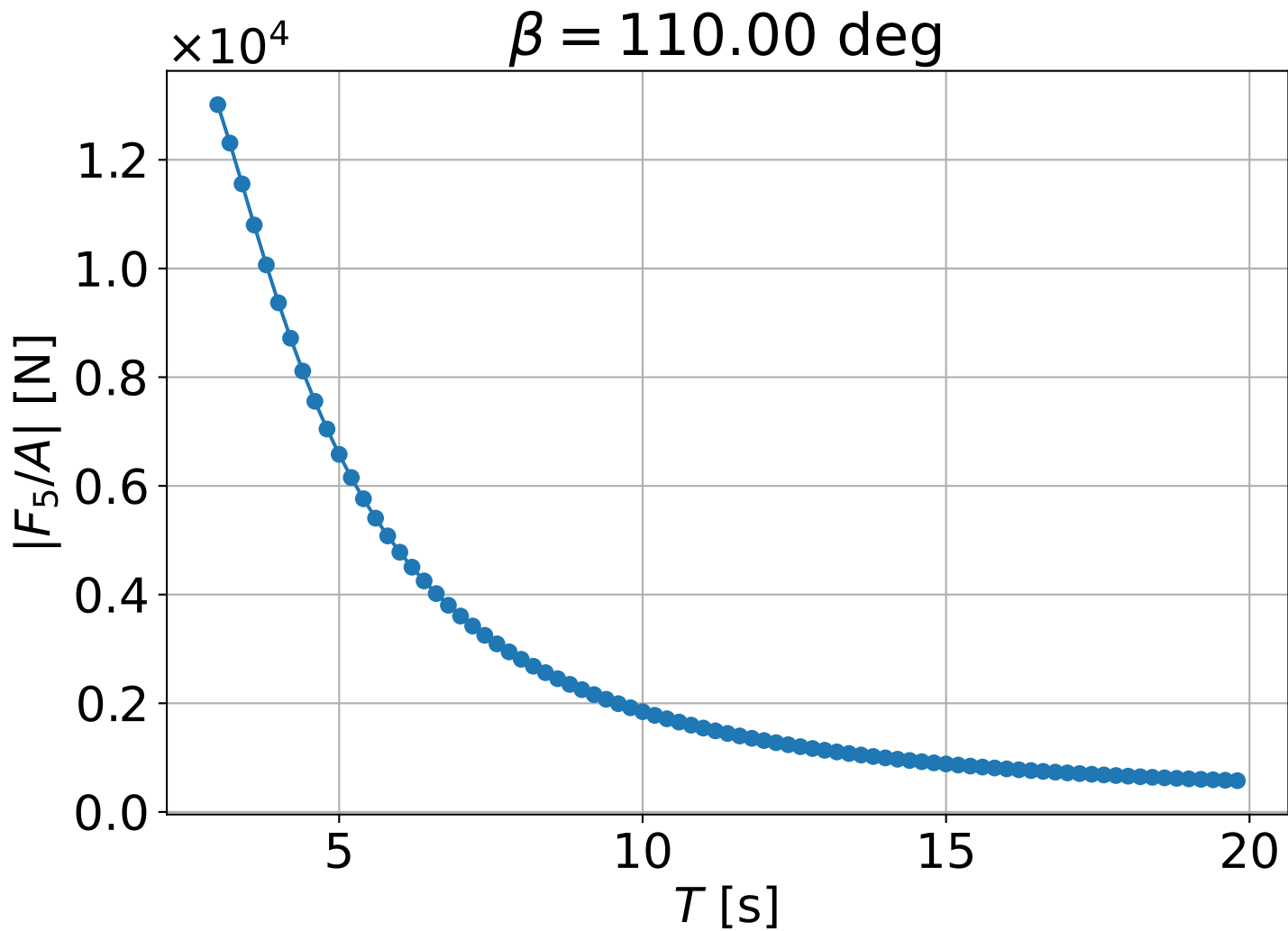


$\beta = 100.00$ deg

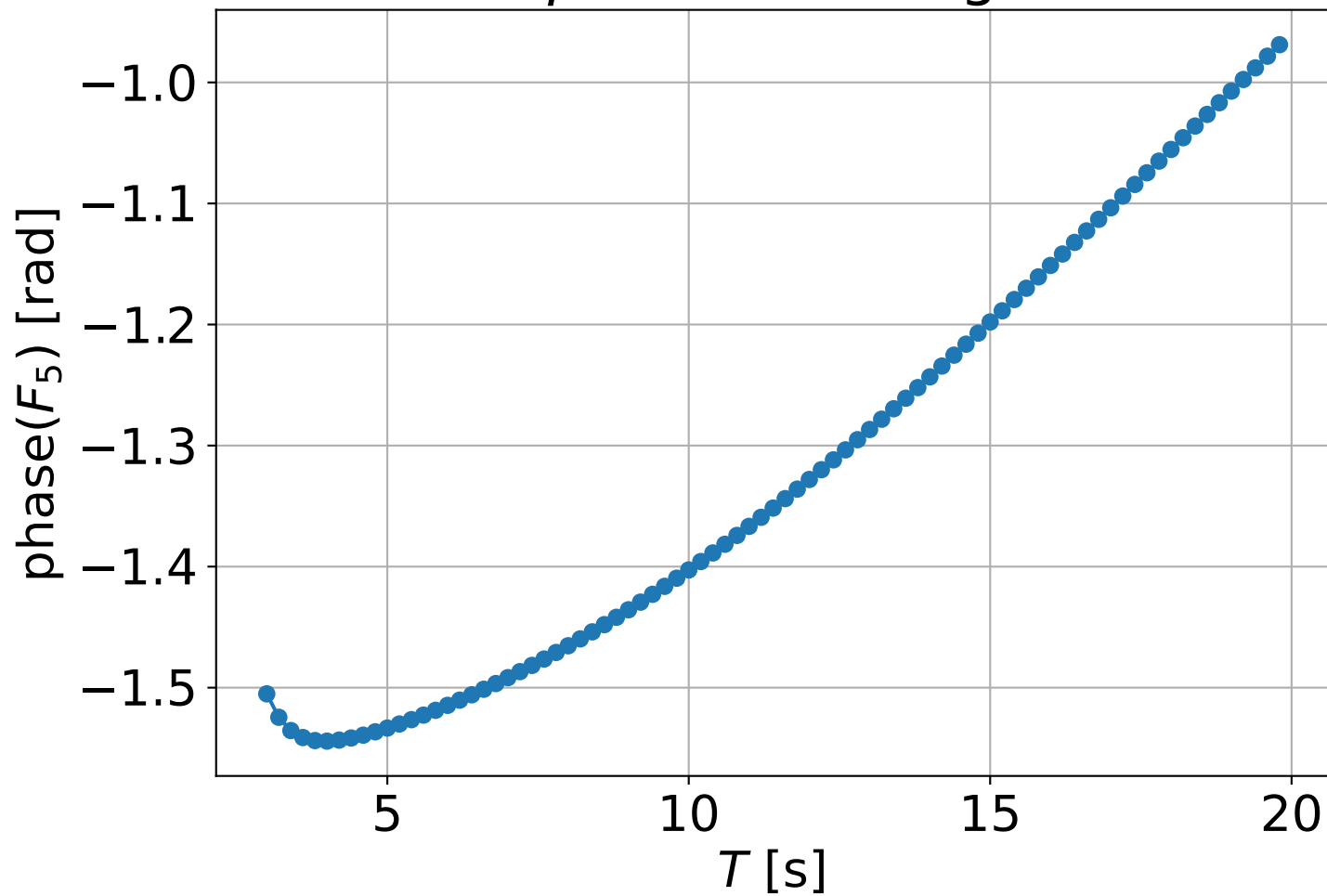


$\beta = 100.00$ deg

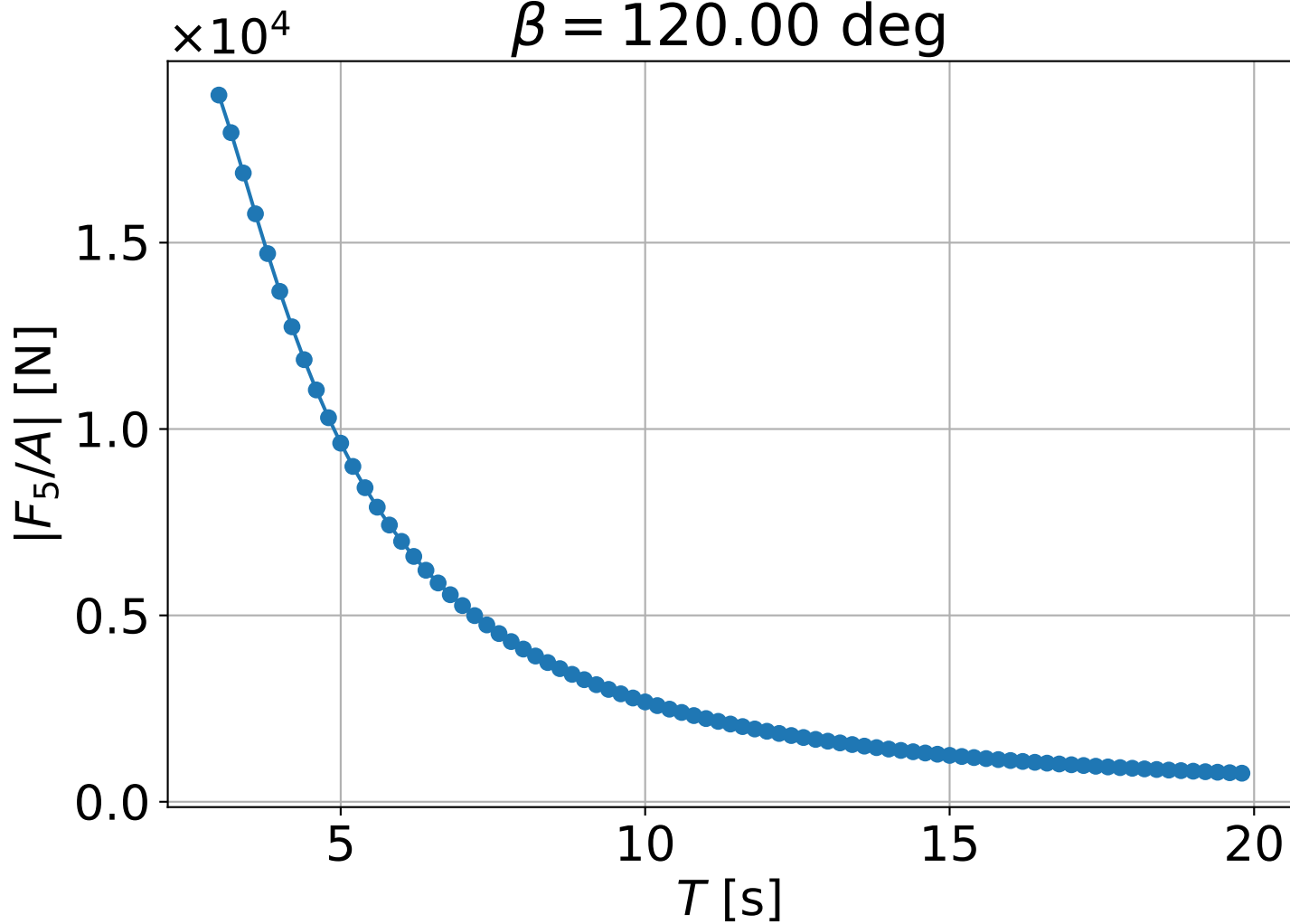




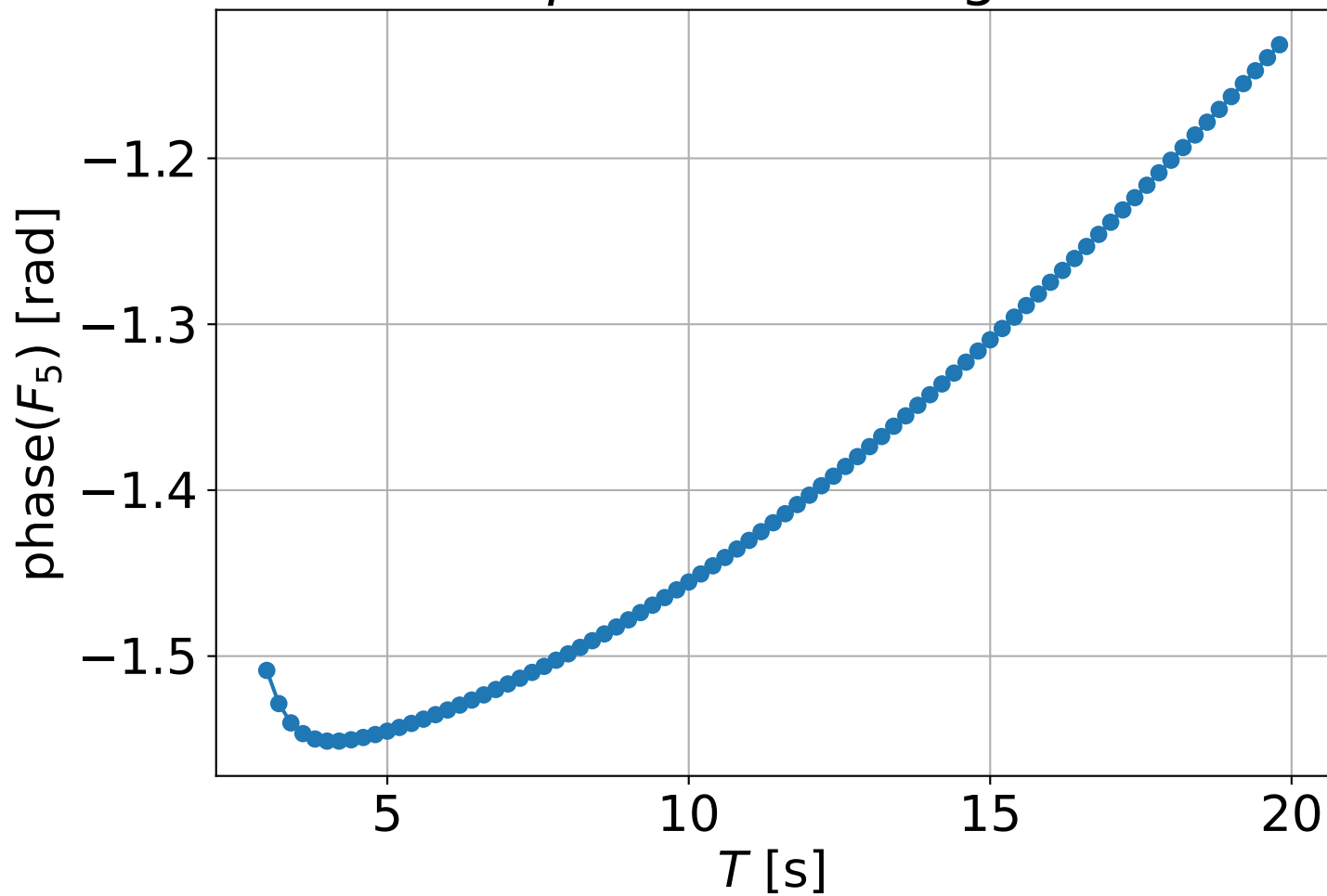
$$\beta = 110.00 \text{ deg}$$



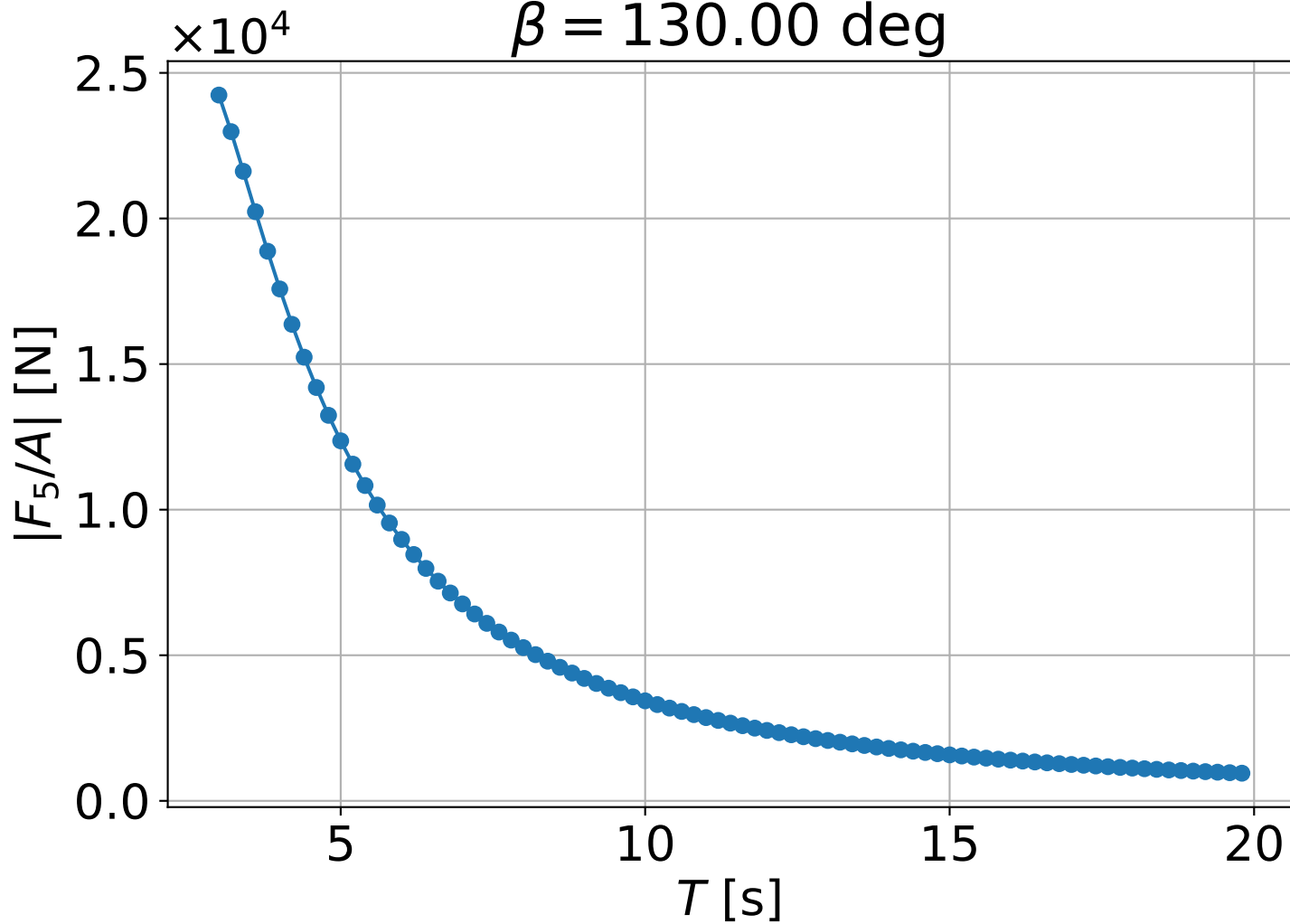
$\beta = 120.00$ deg



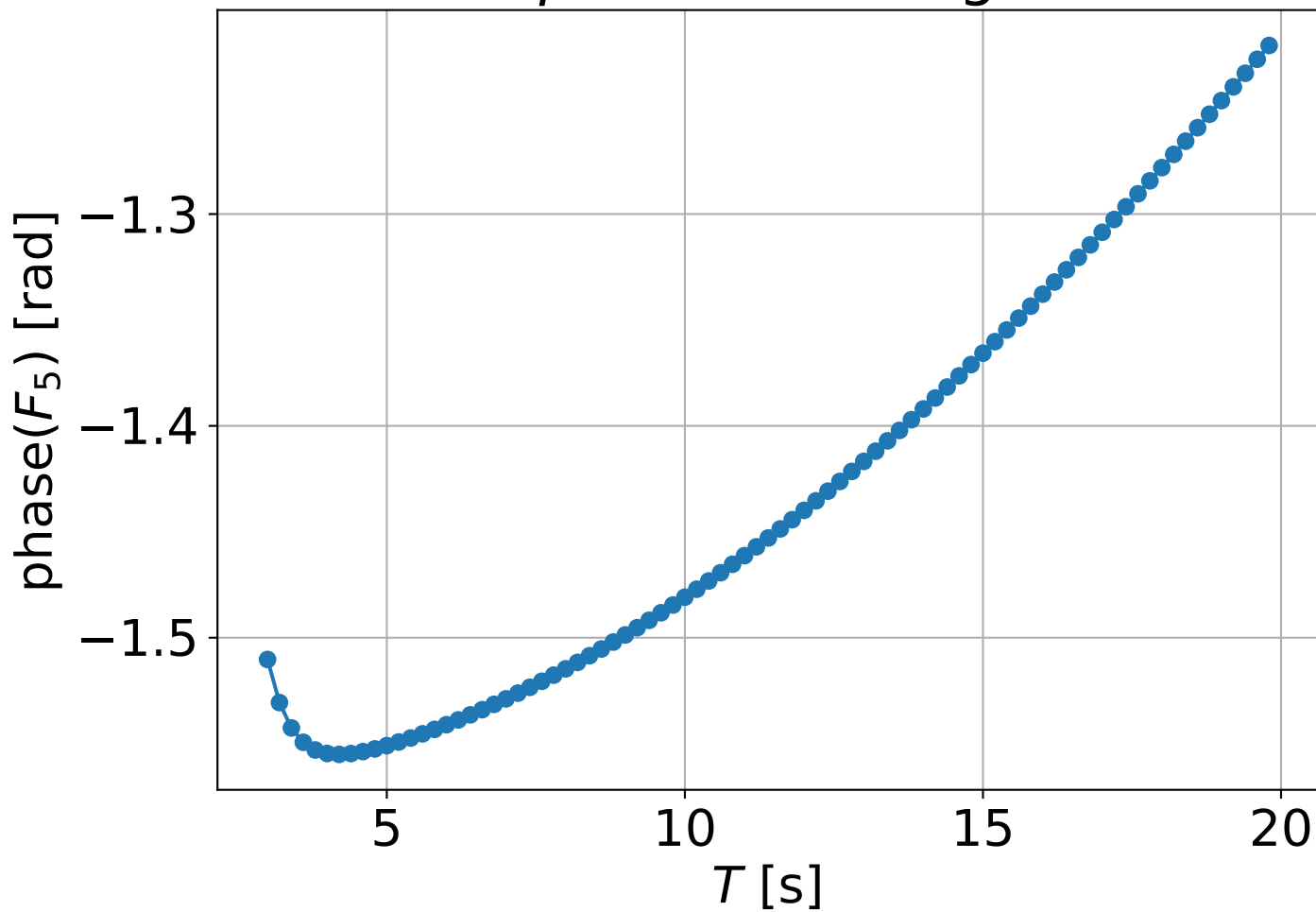
$$\beta = 120.00 \text{ deg}$$



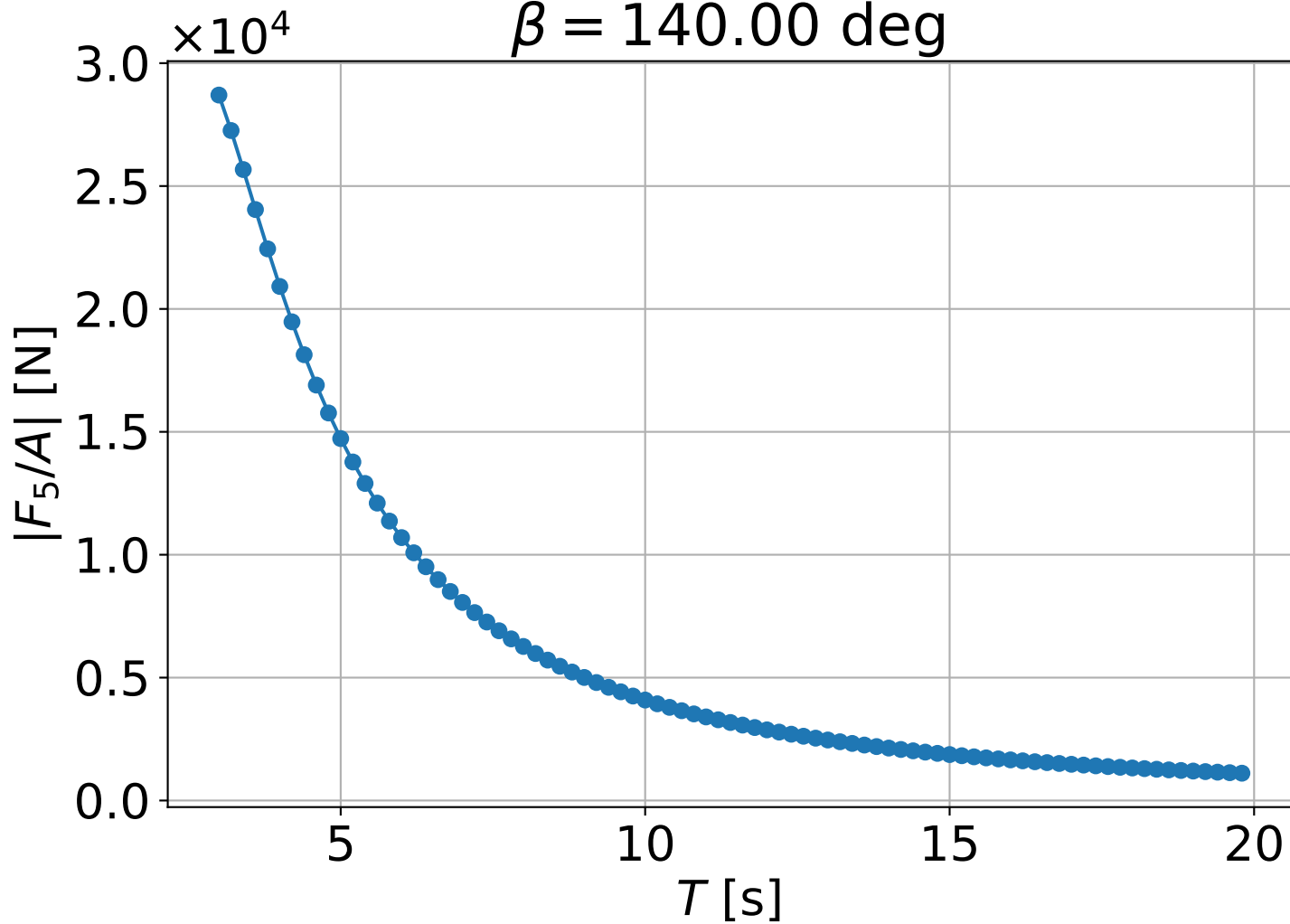
$\beta = 130.00$ deg



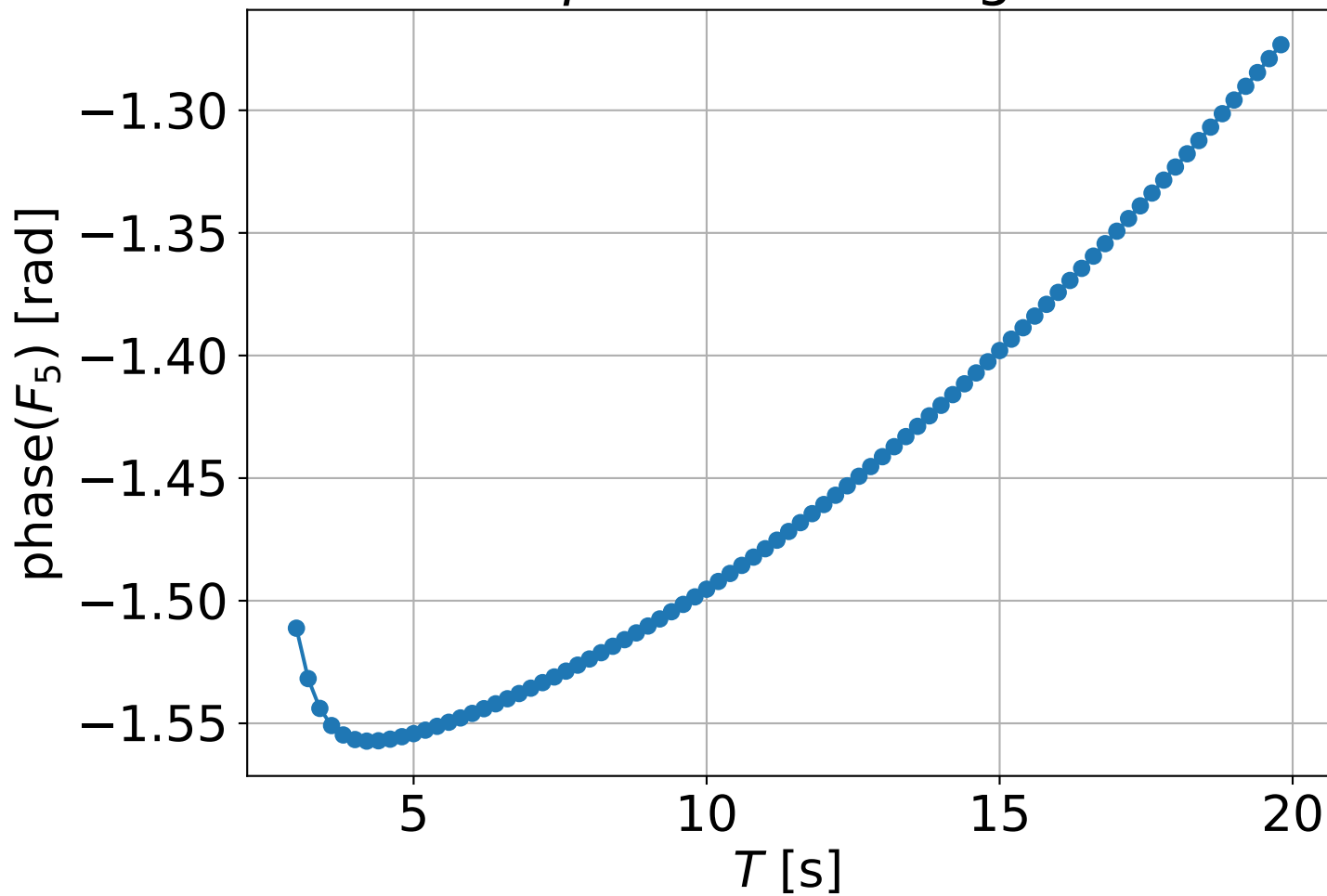
$\beta = 130.00$ deg



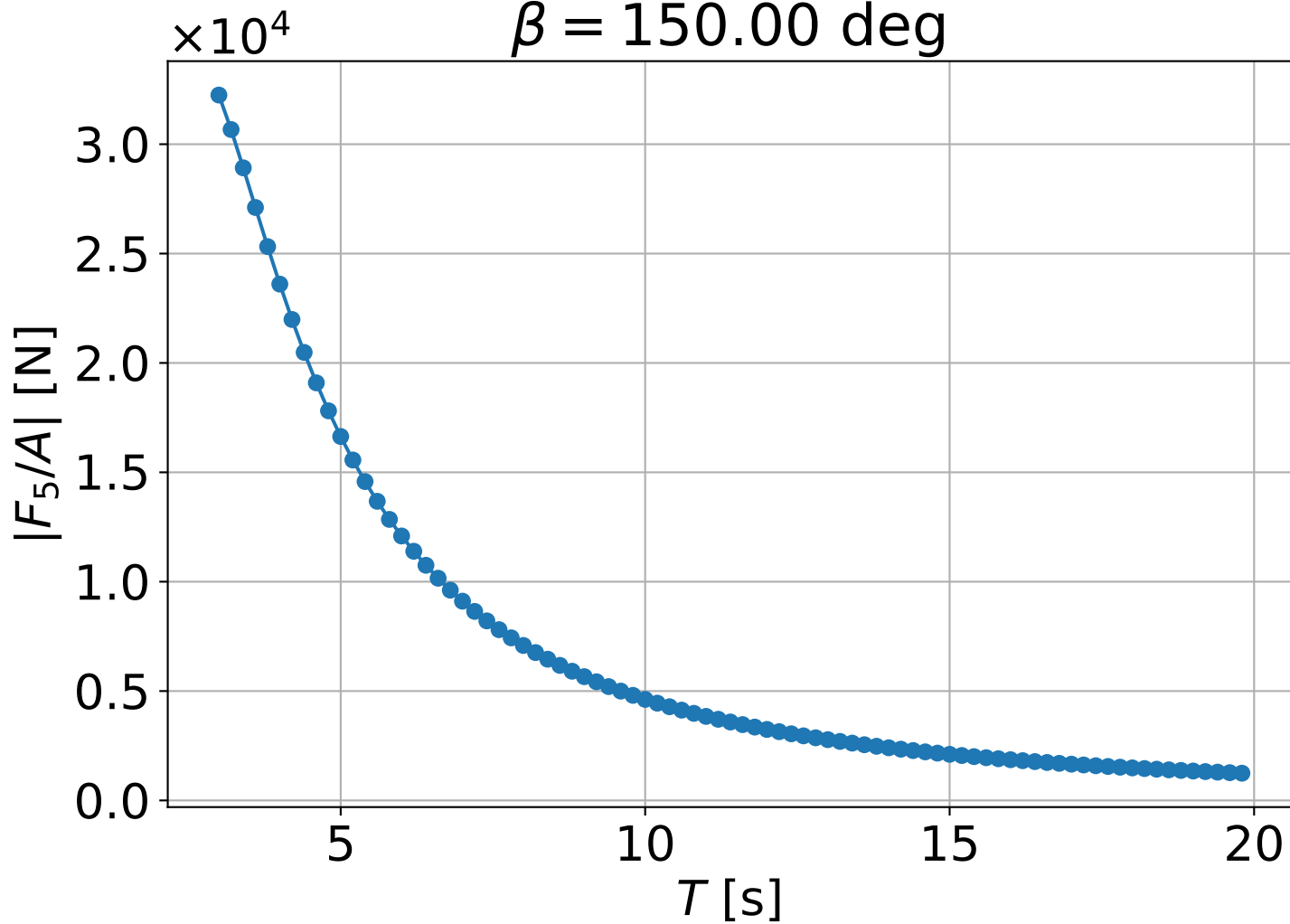
$\beta = 140.00$ deg



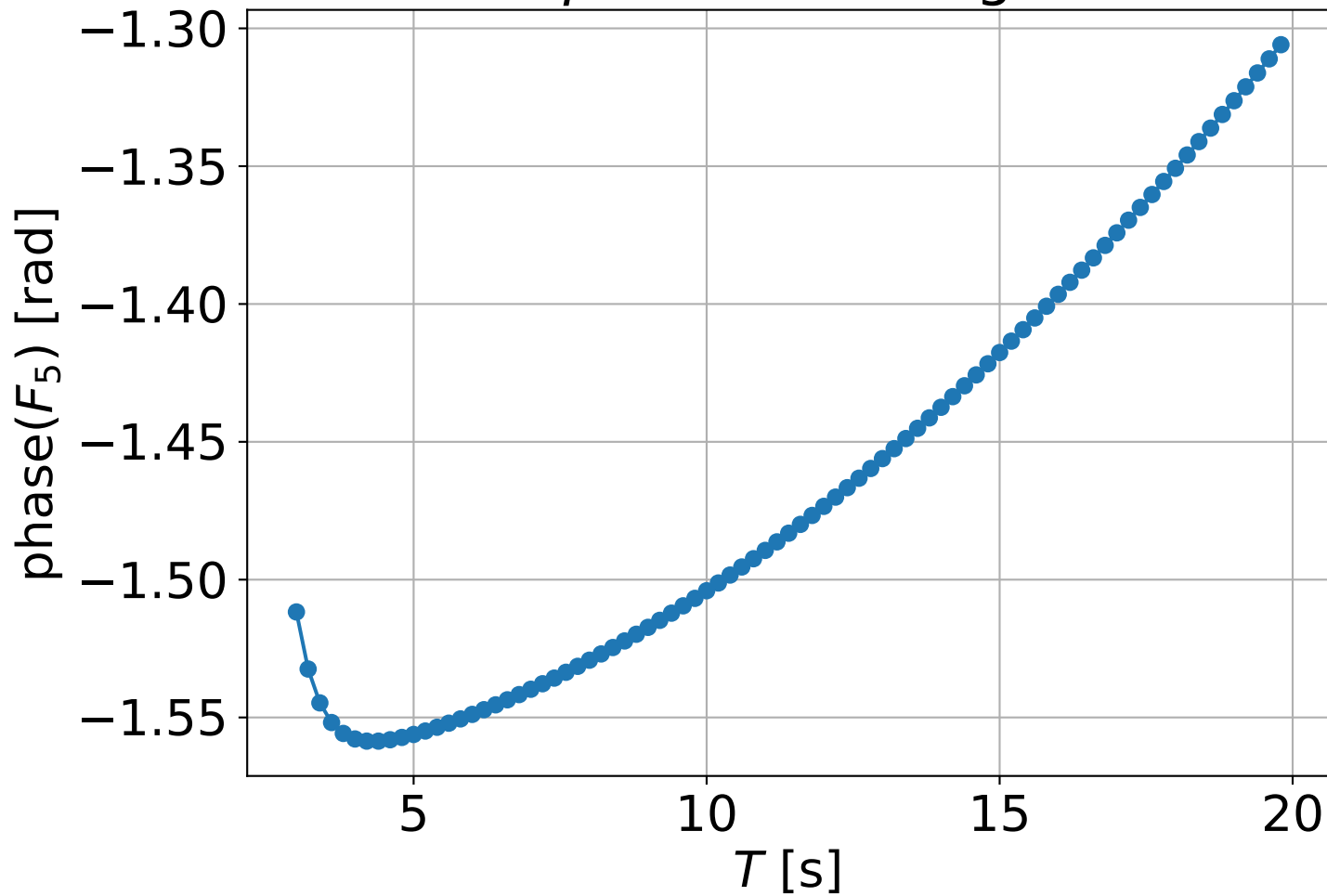
$\beta = 140.00$ deg

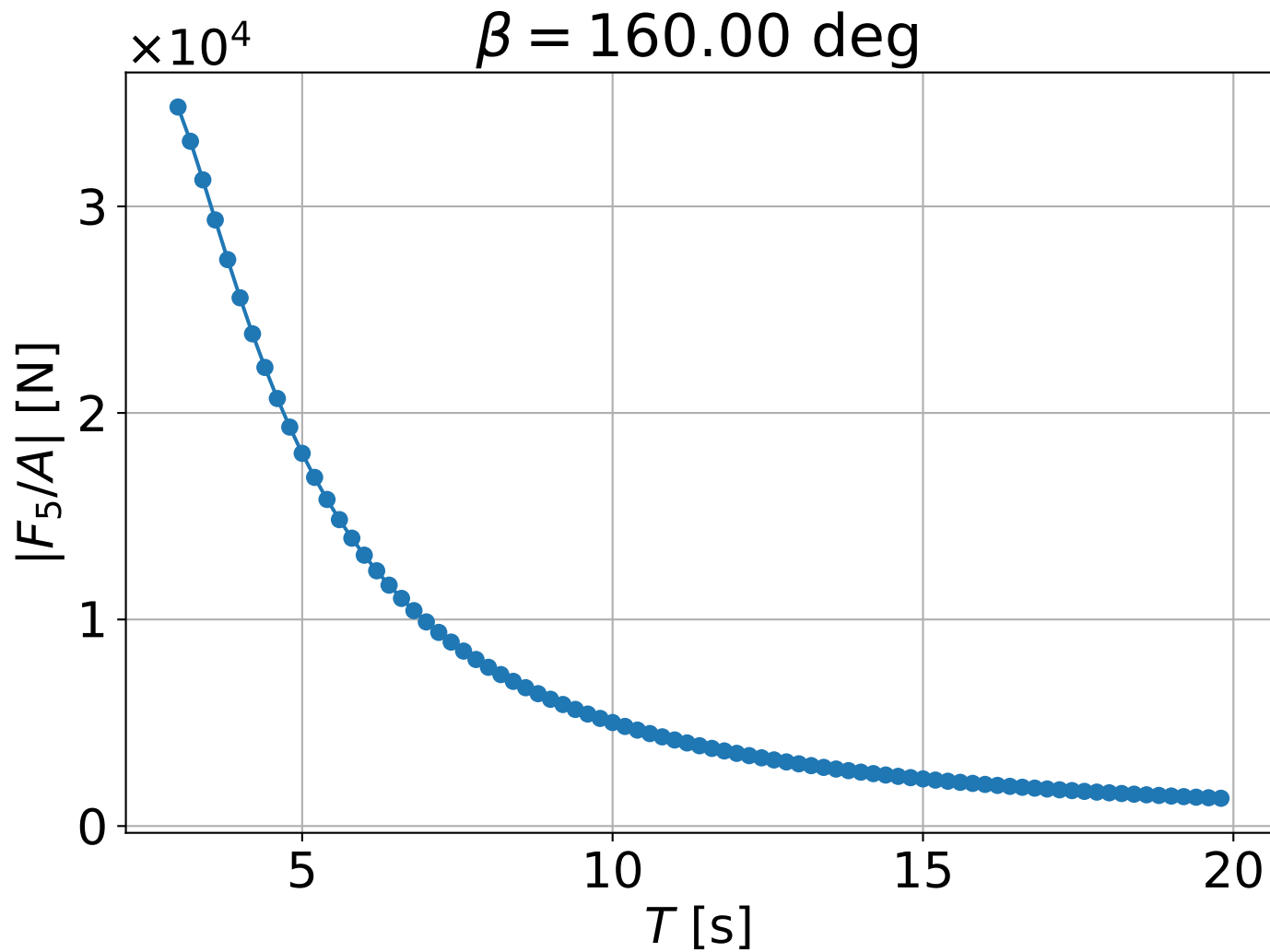


$\beta = 150.00$ deg

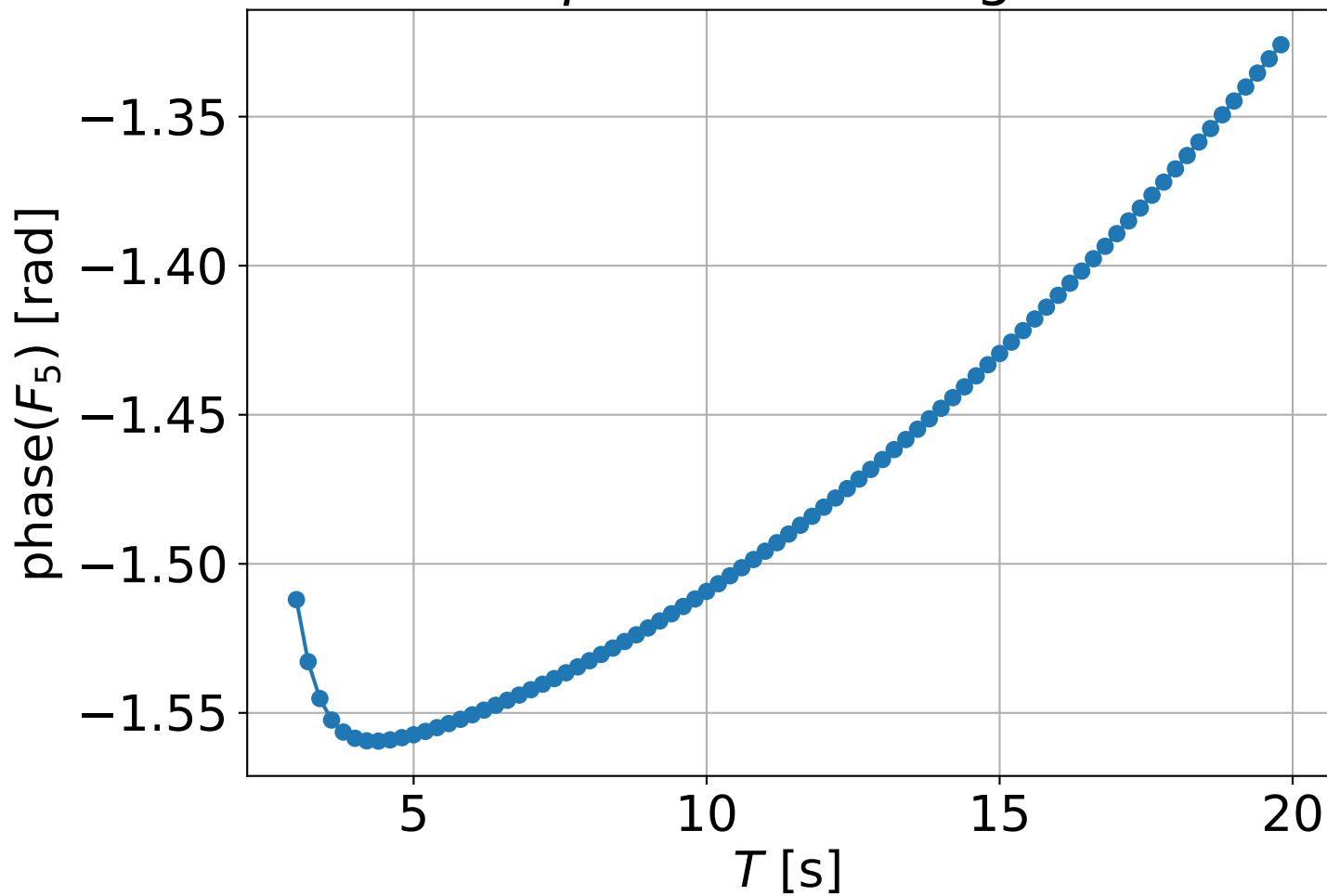


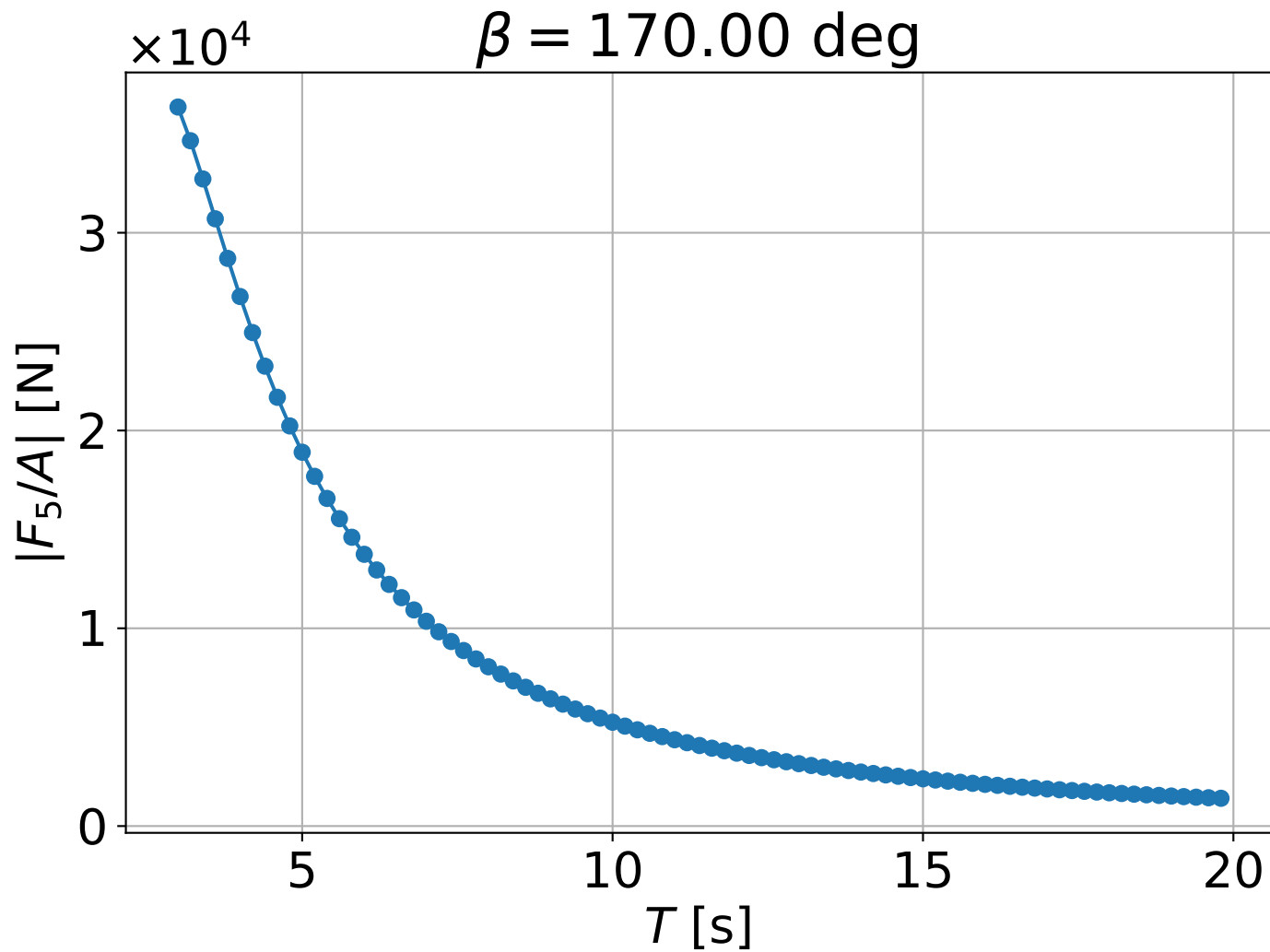
$\beta = 150.00$ deg



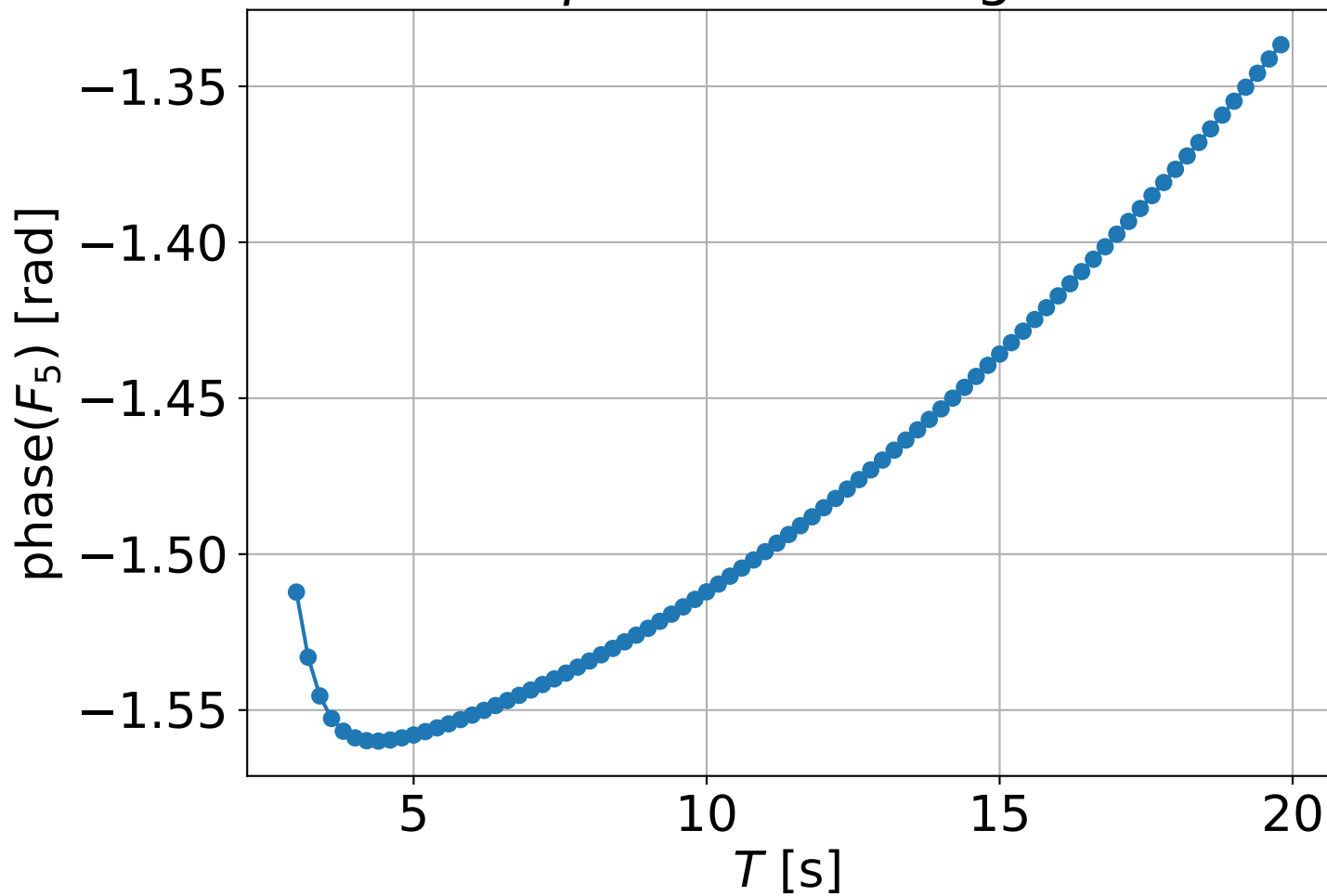


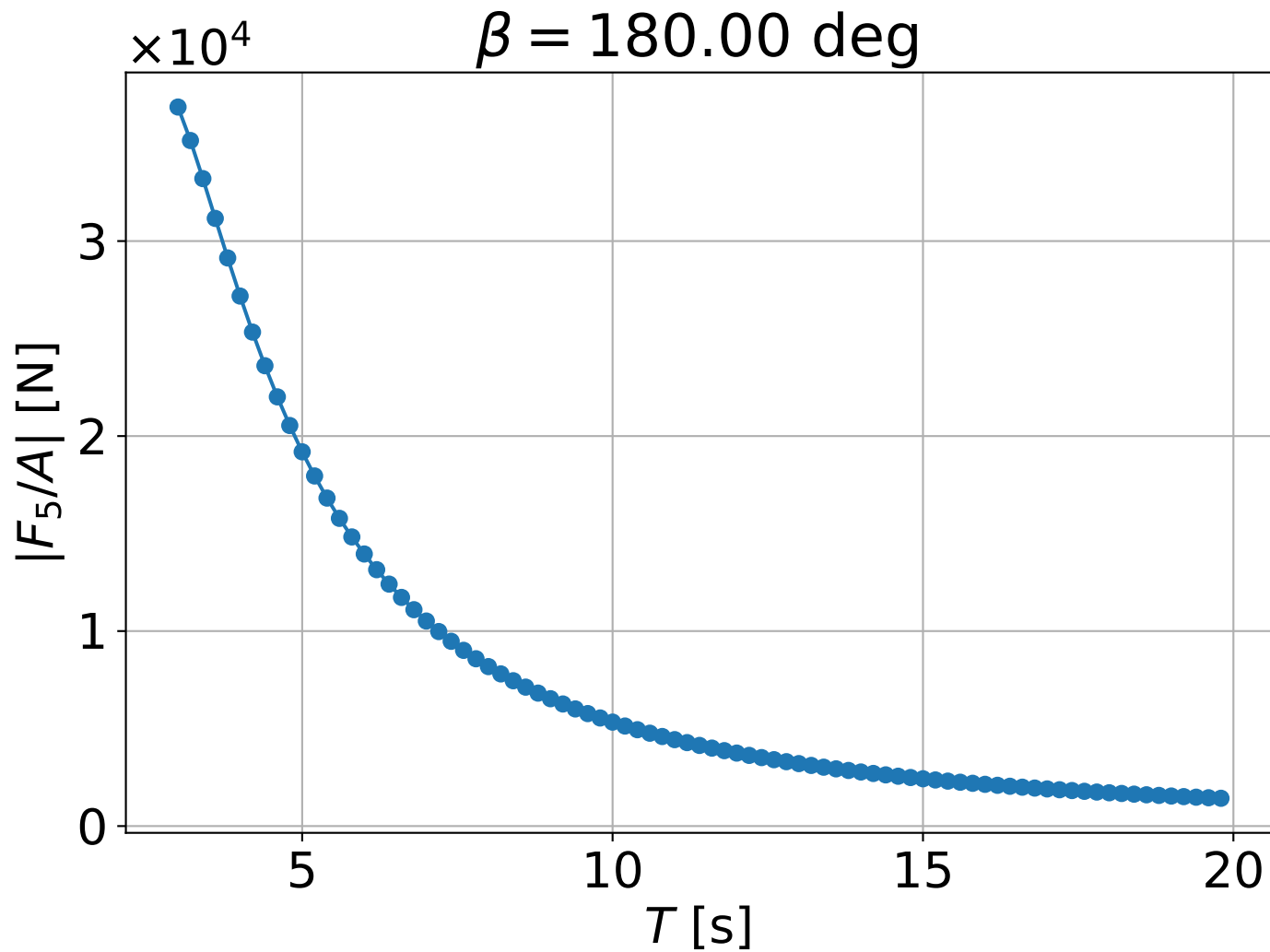
$\beta = 160.00$ deg



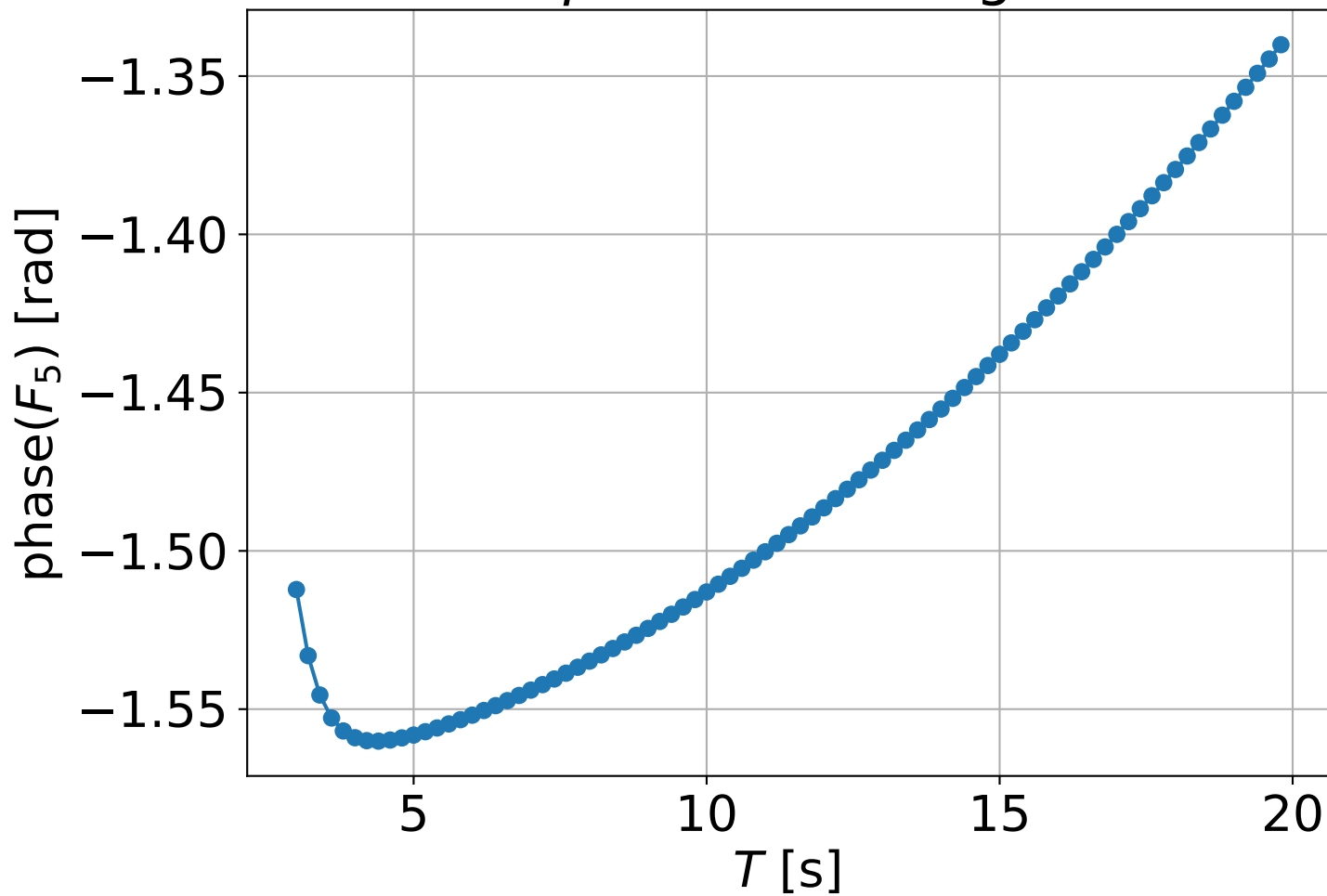


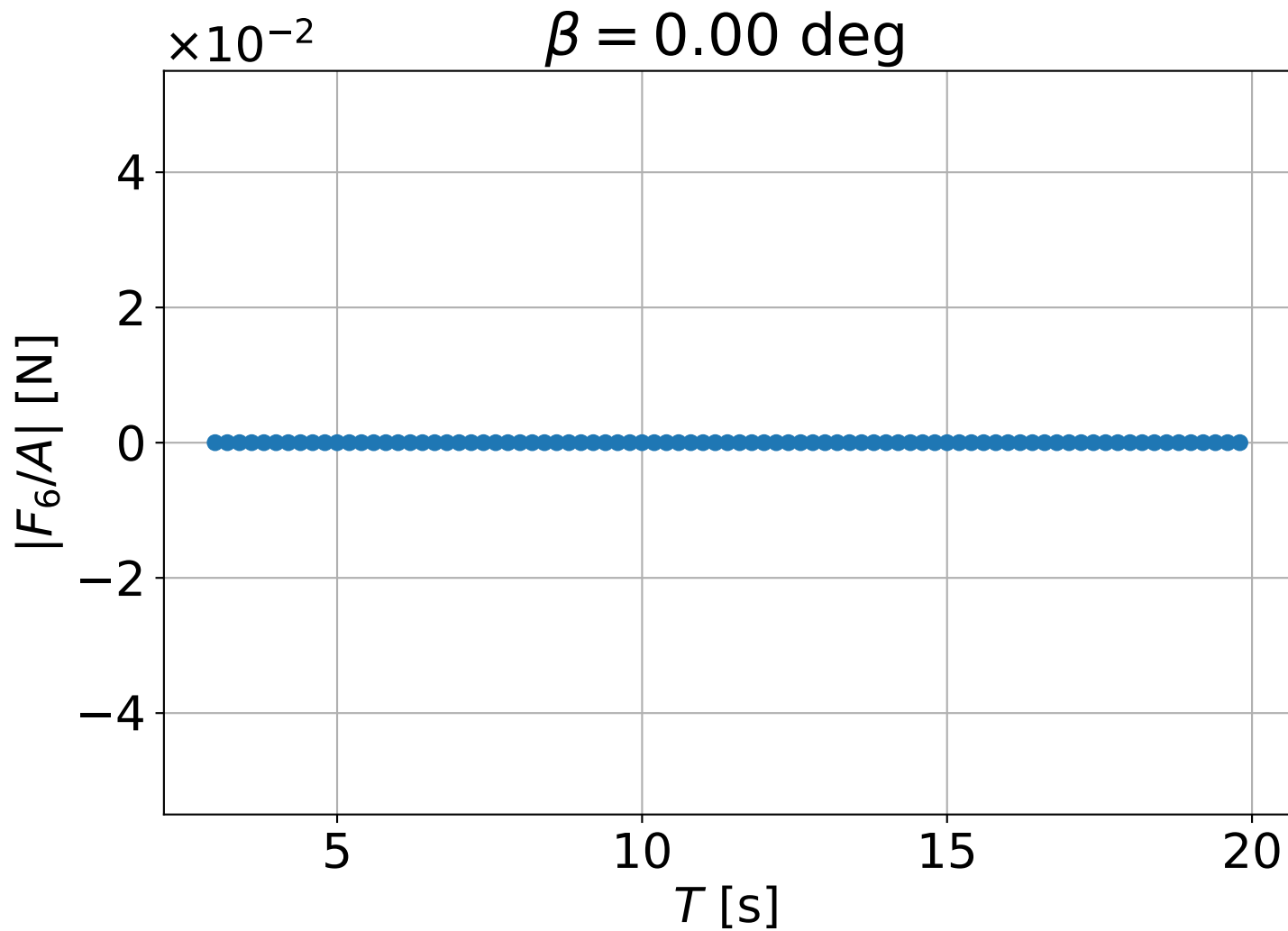
$\beta = 170.00$ deg



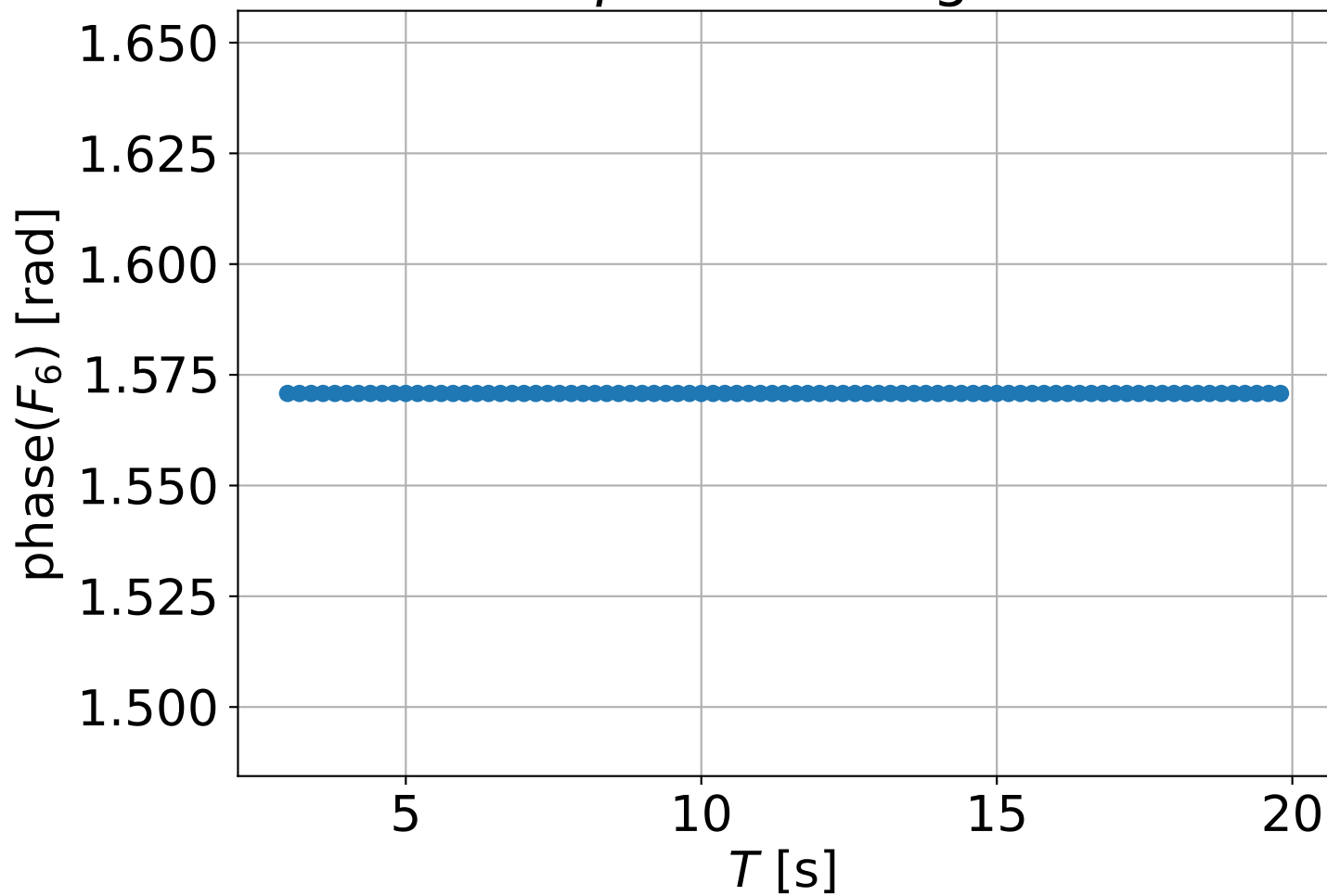


$\beta = 180.00$ deg

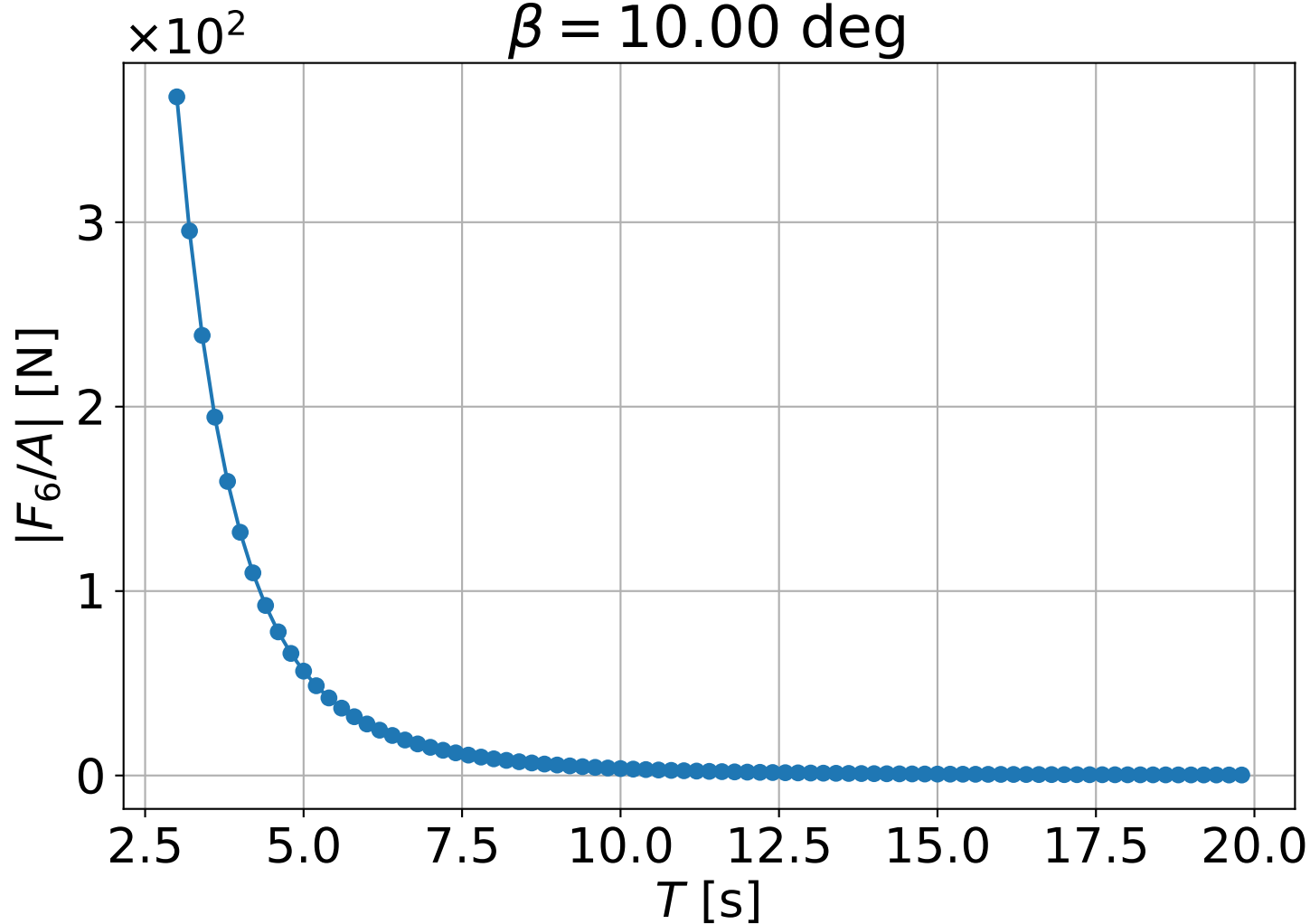


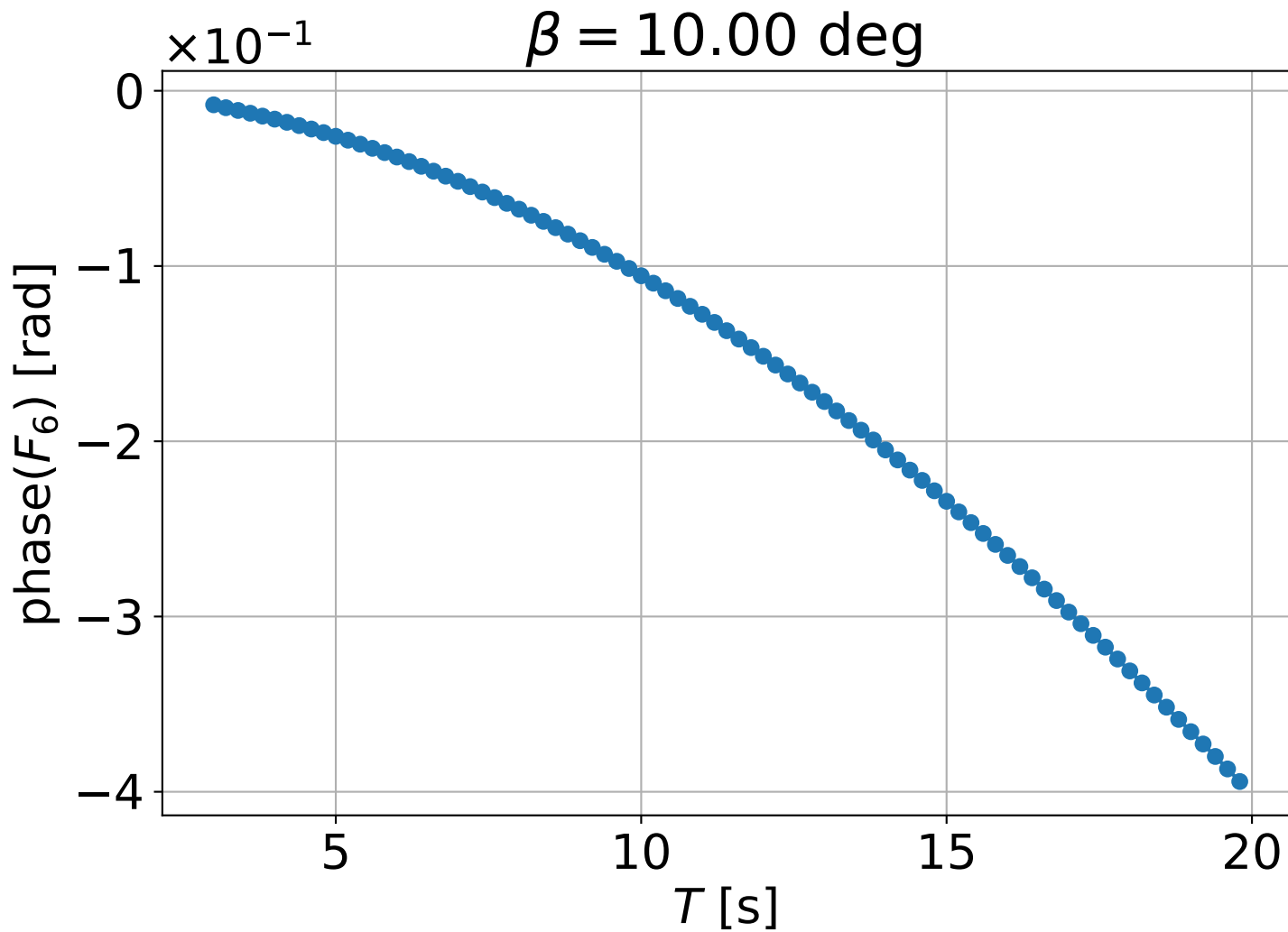


$\beta = 0.00$ deg

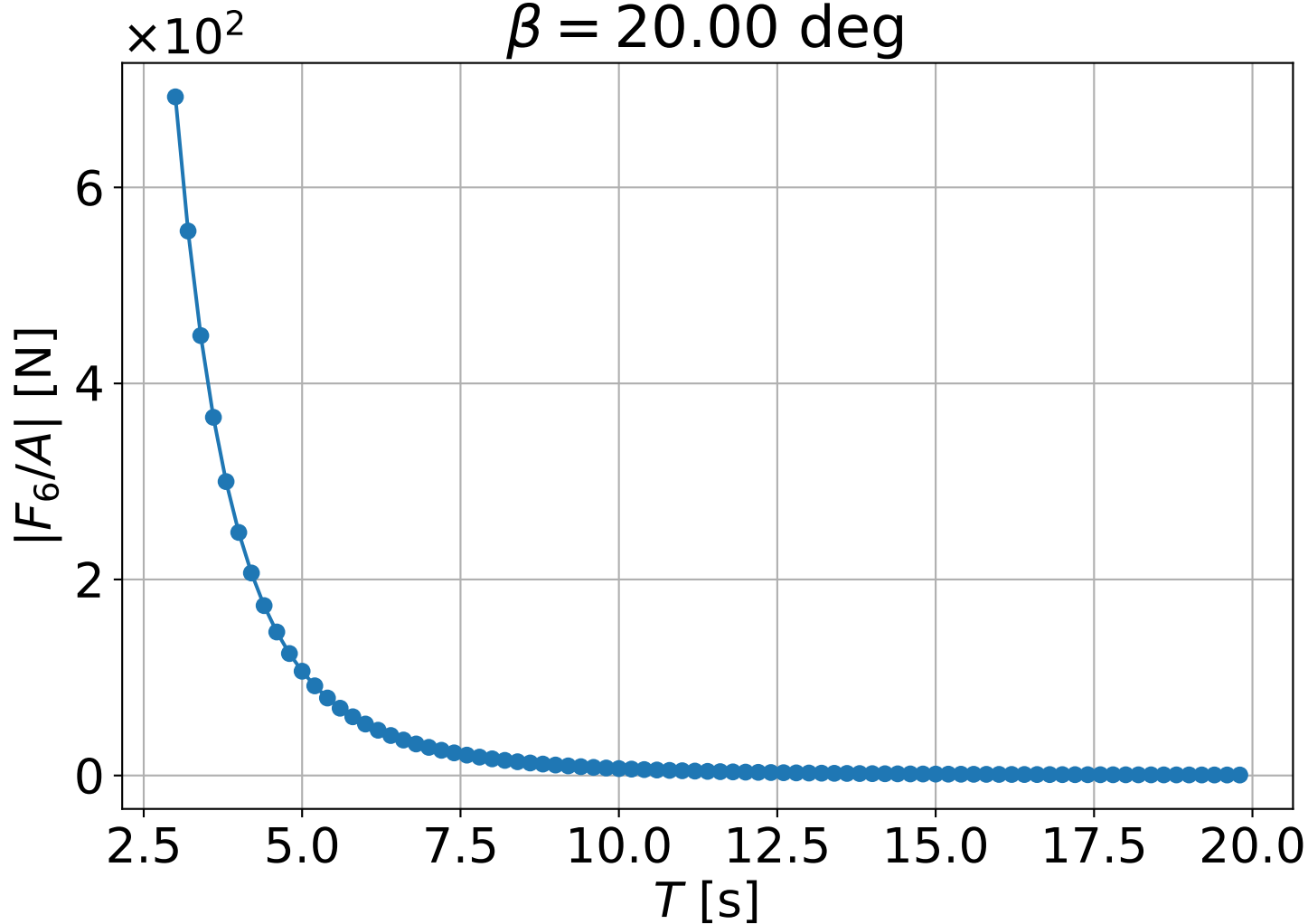


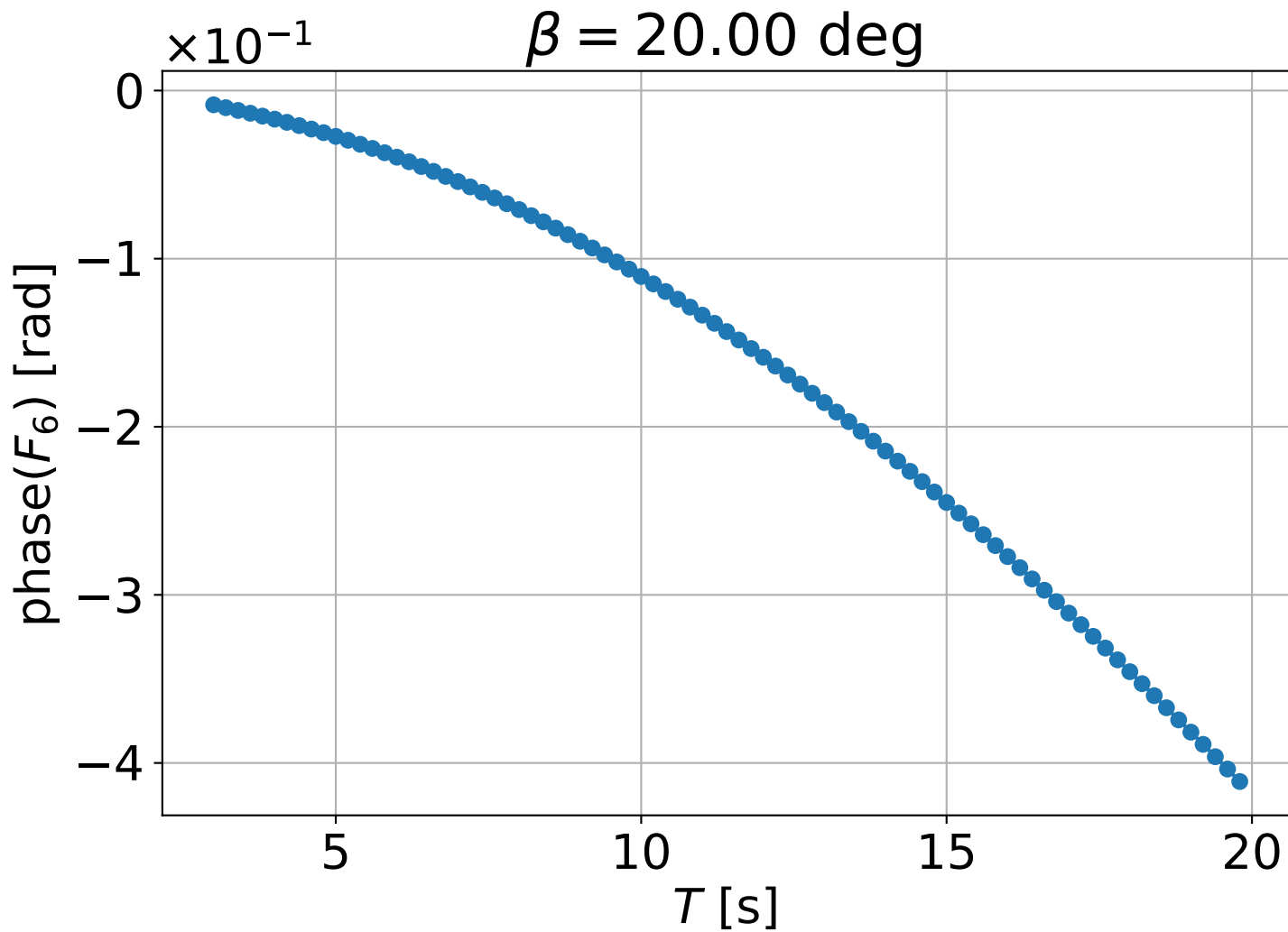
$\beta = 10.00$ deg



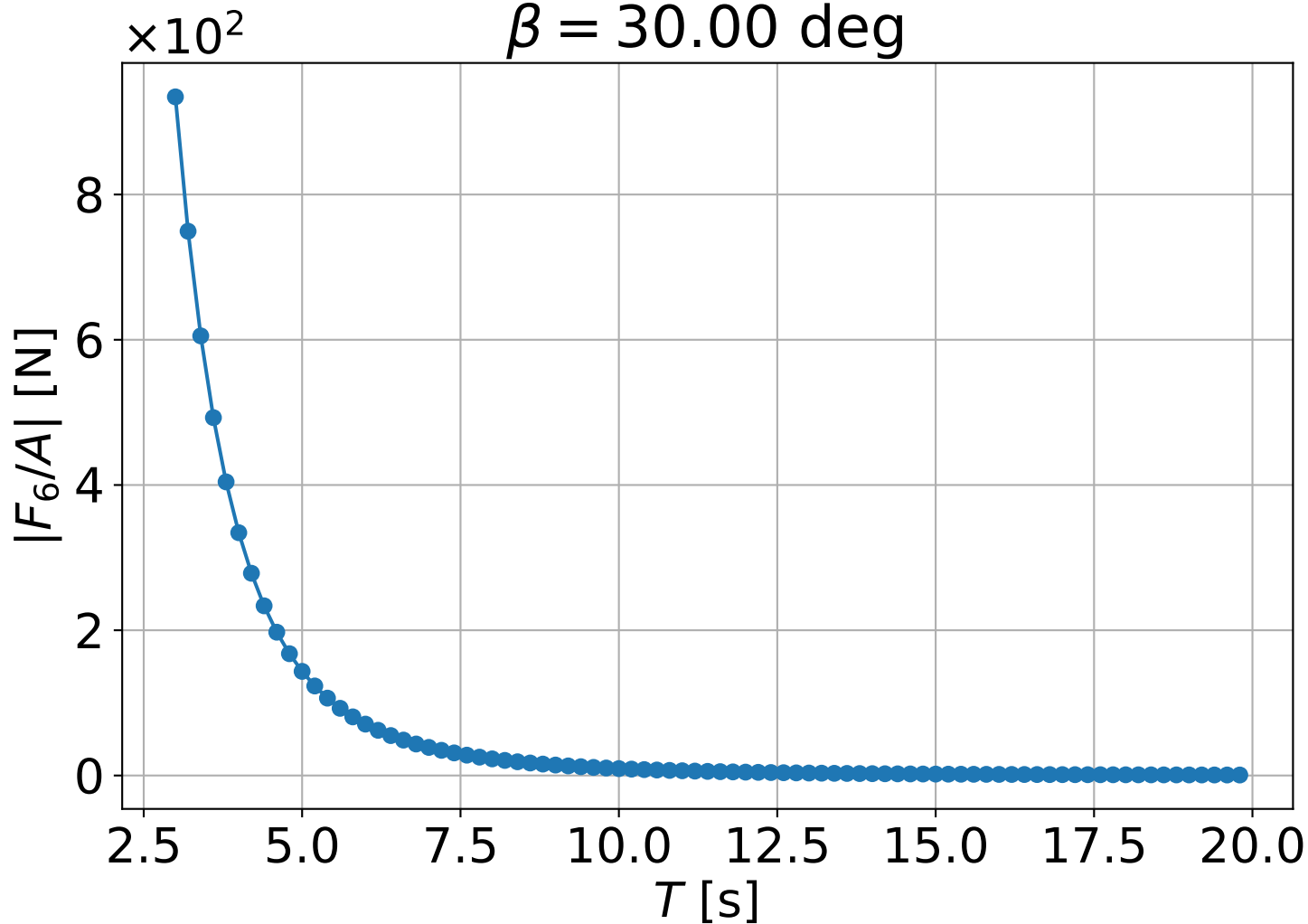


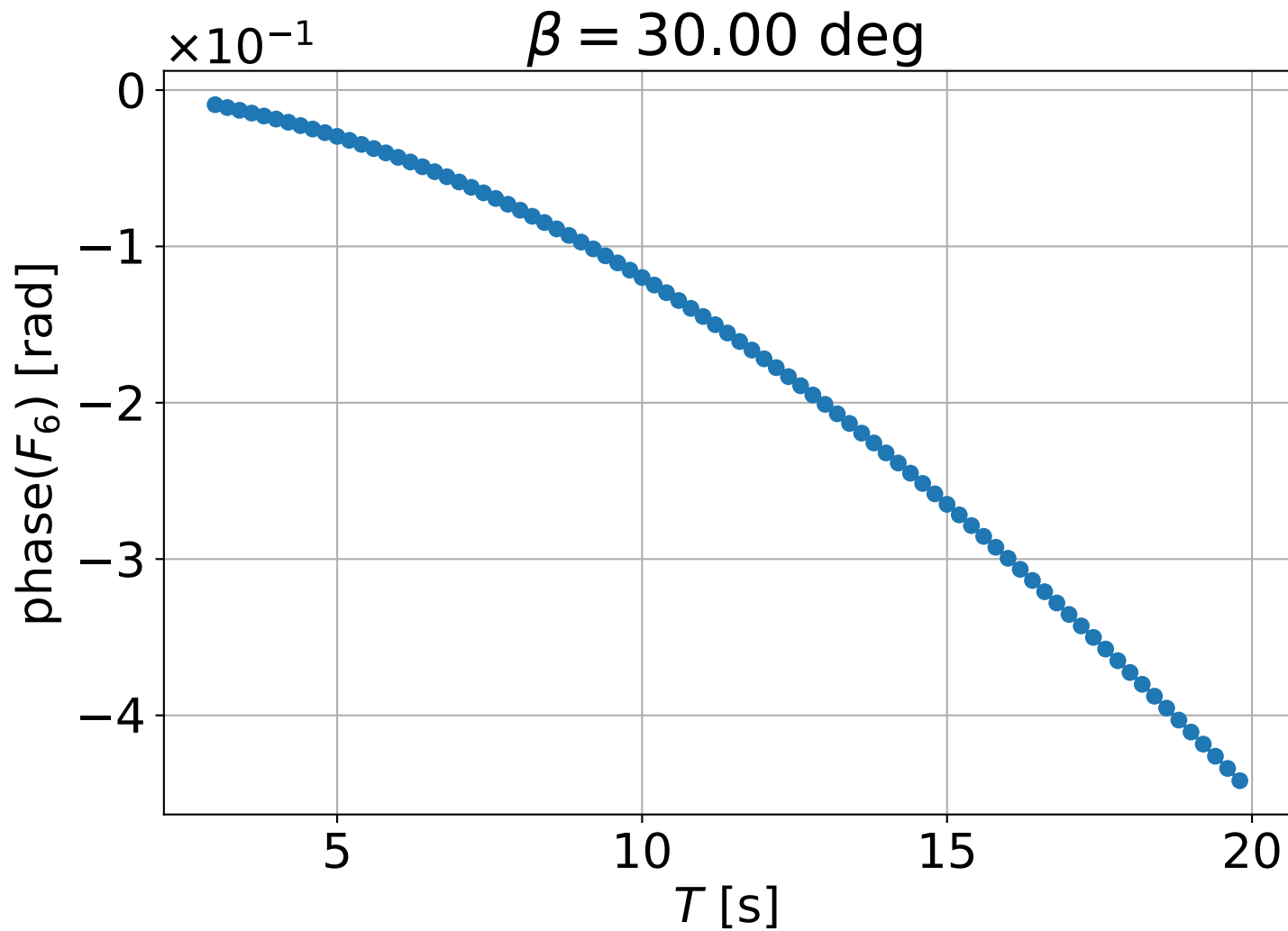
$\beta = 20.00$ deg

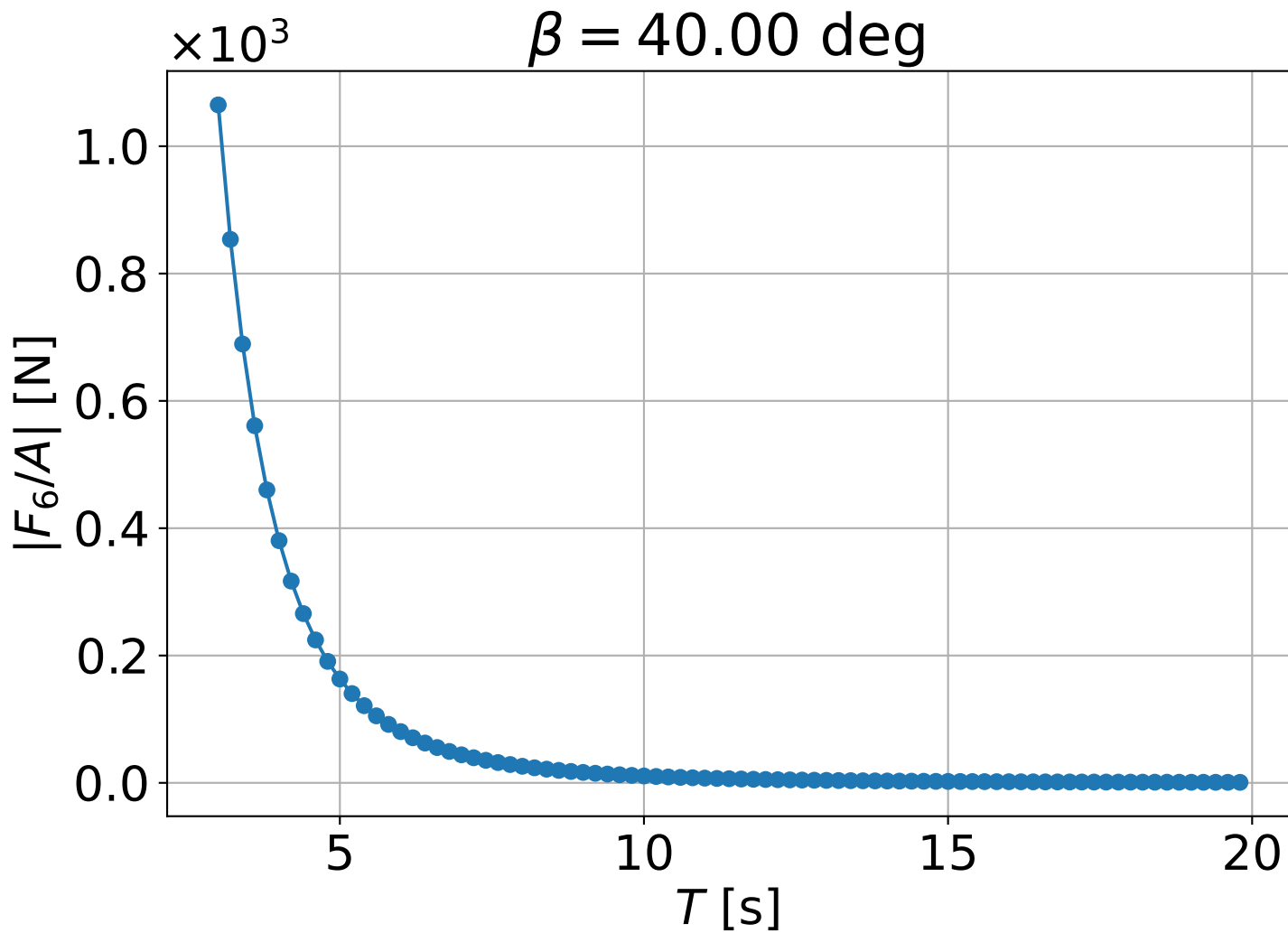


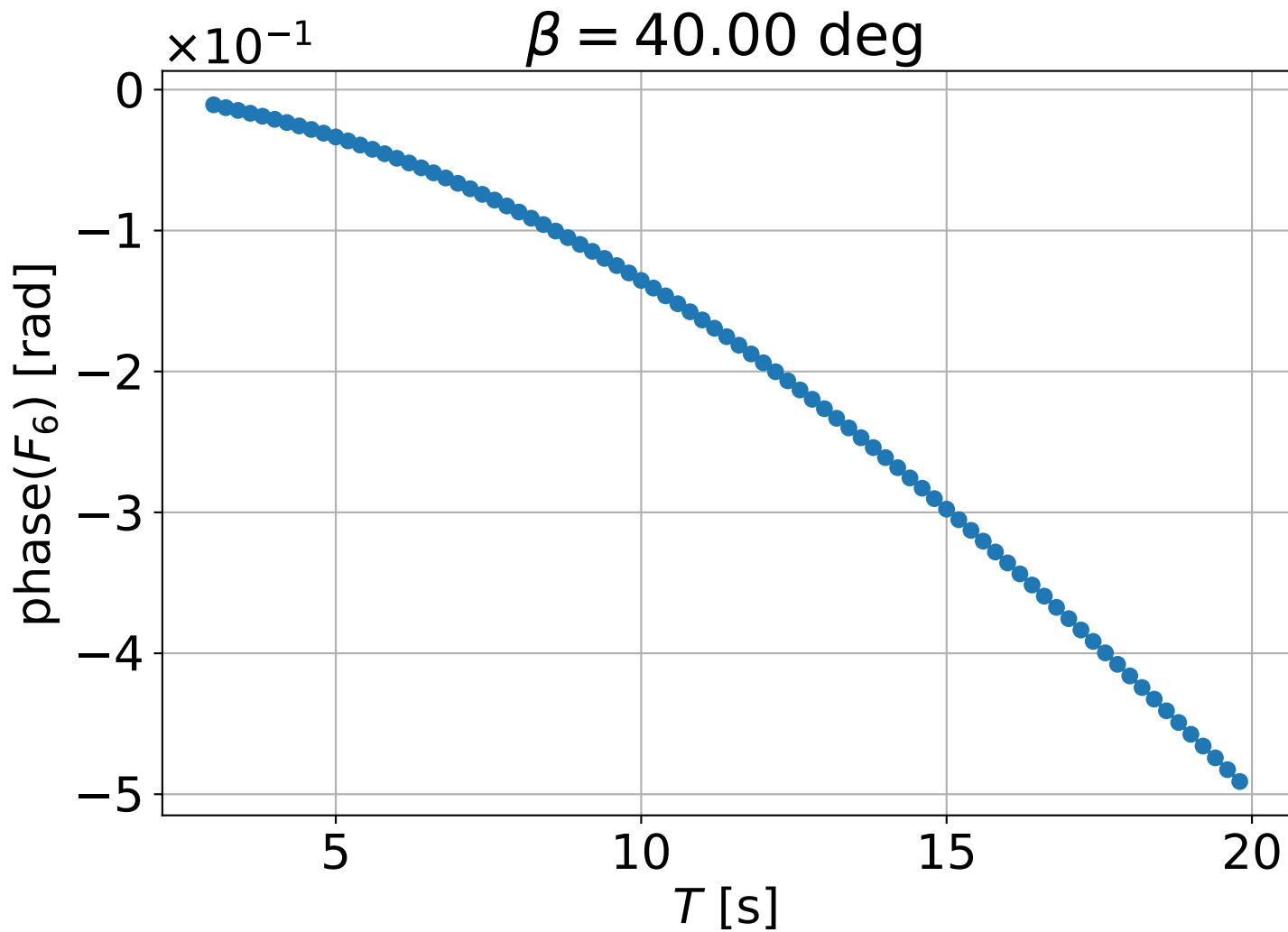


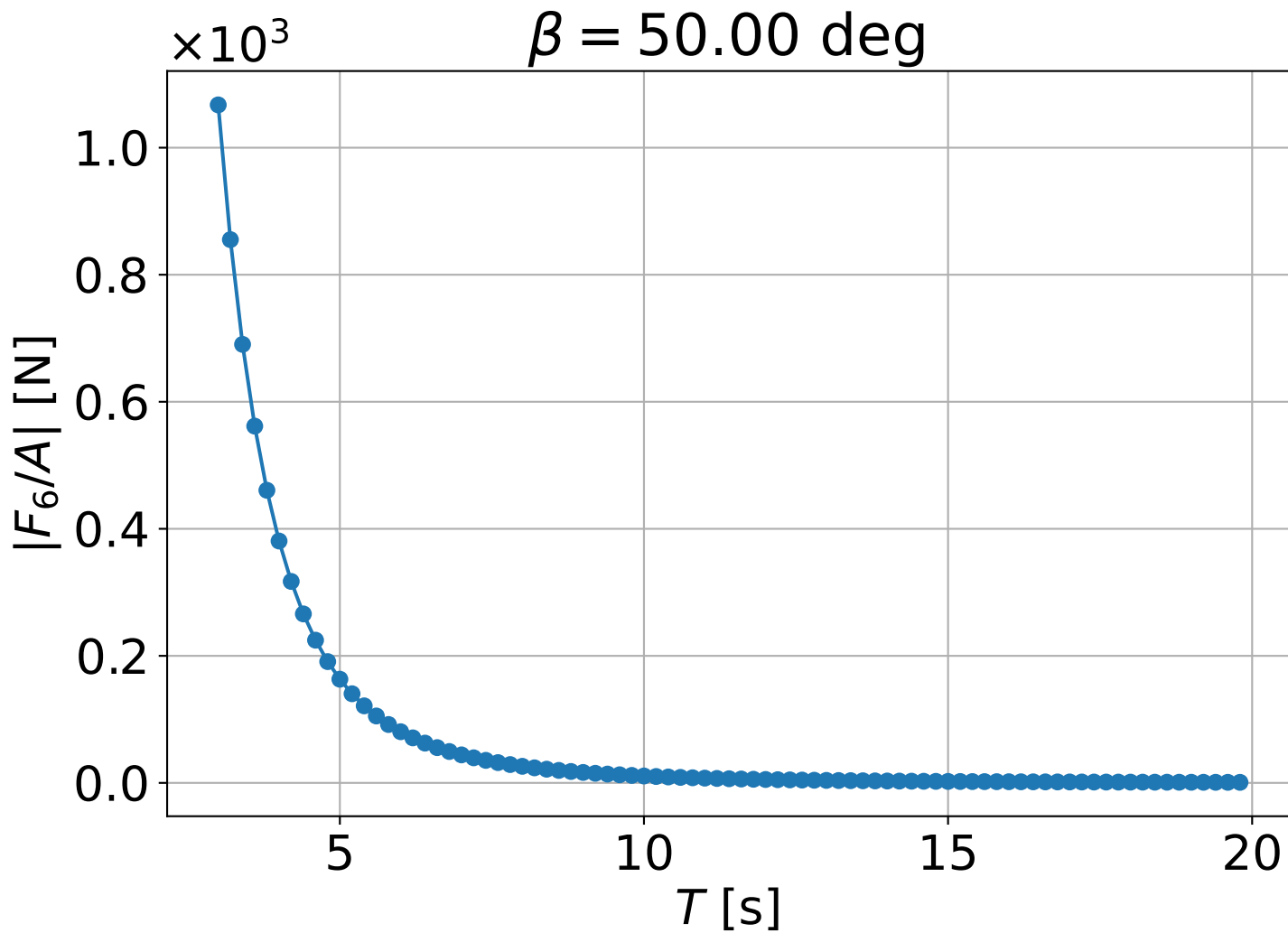
$\beta = 30.00$ deg

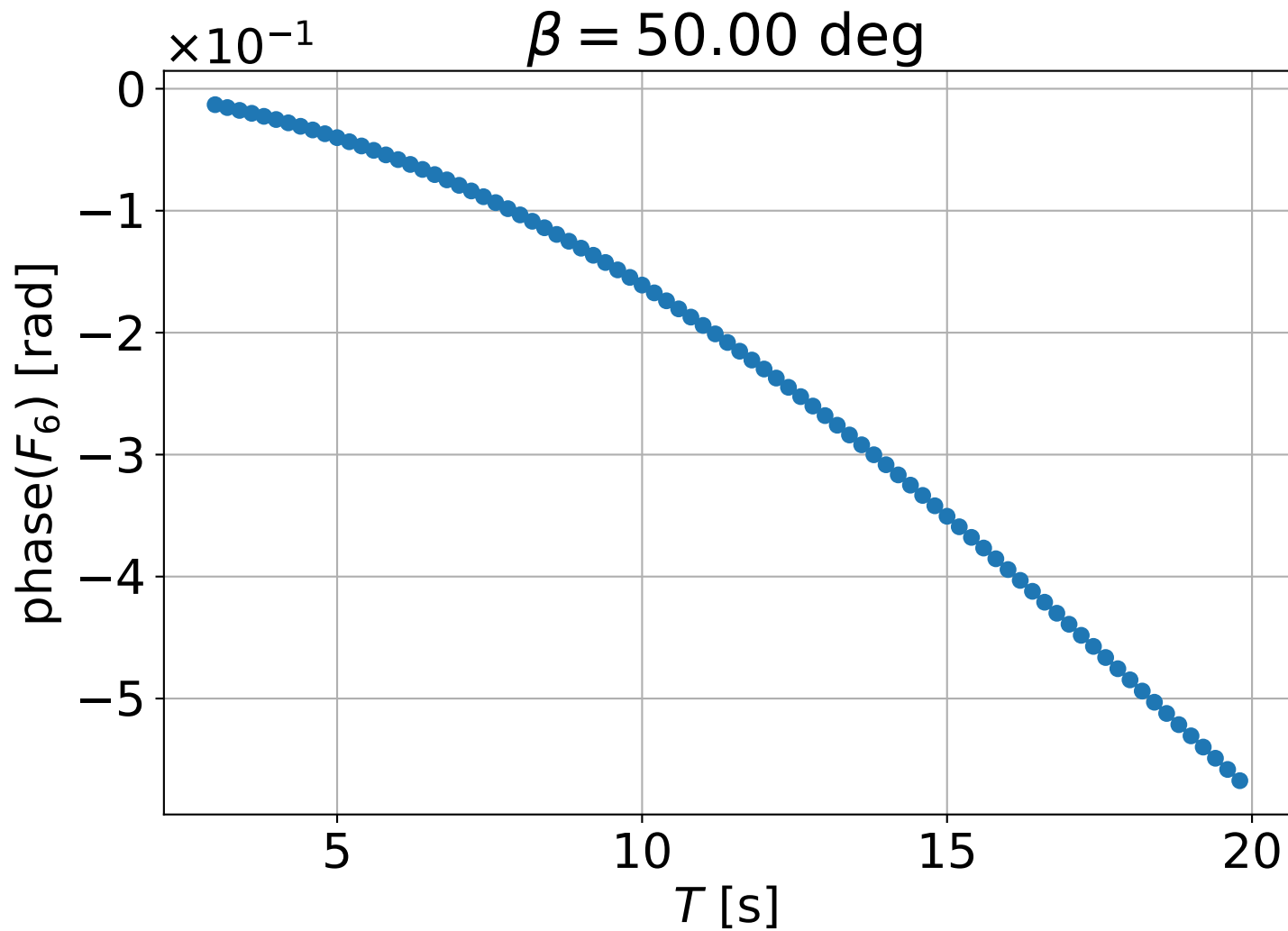




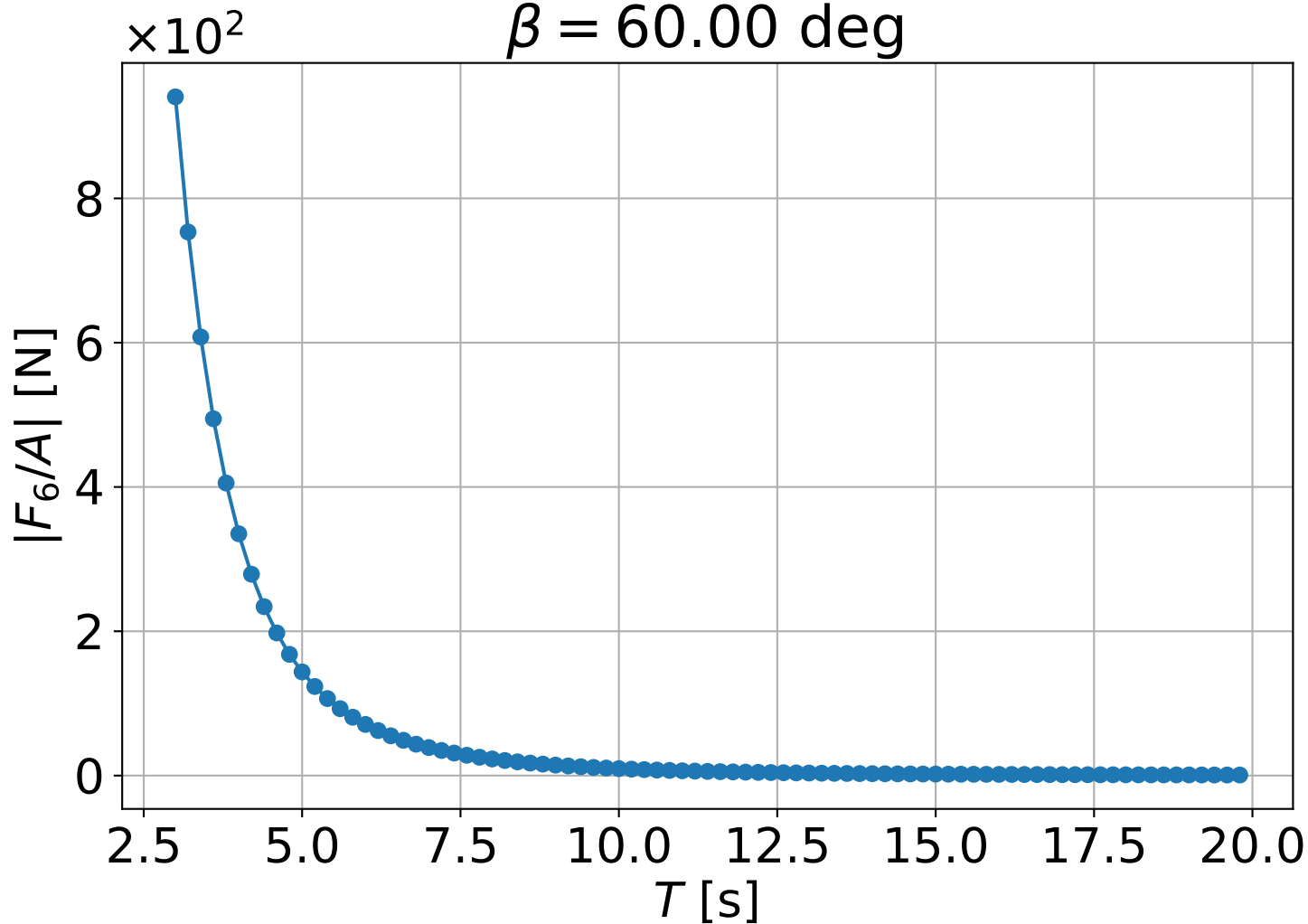


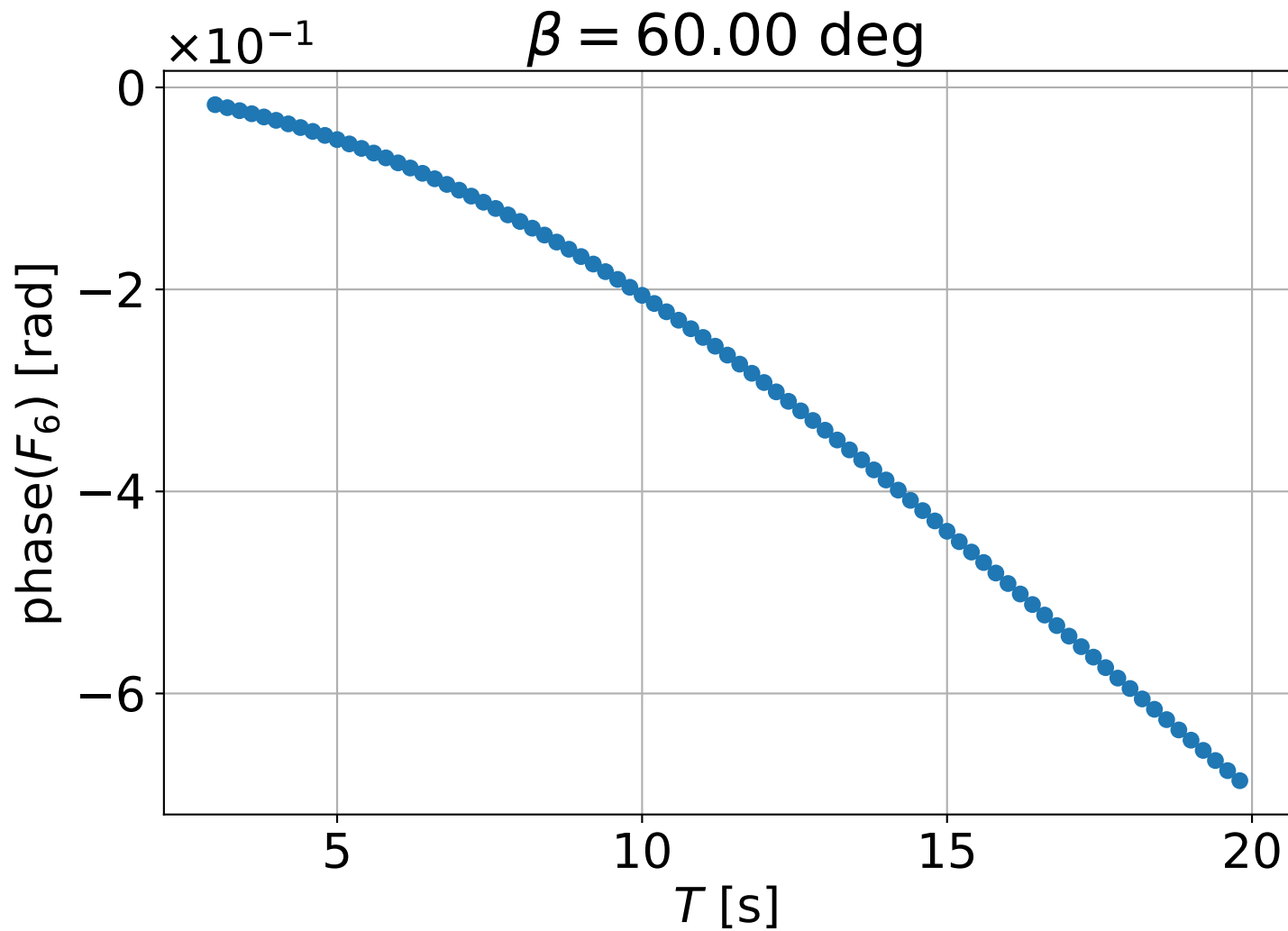




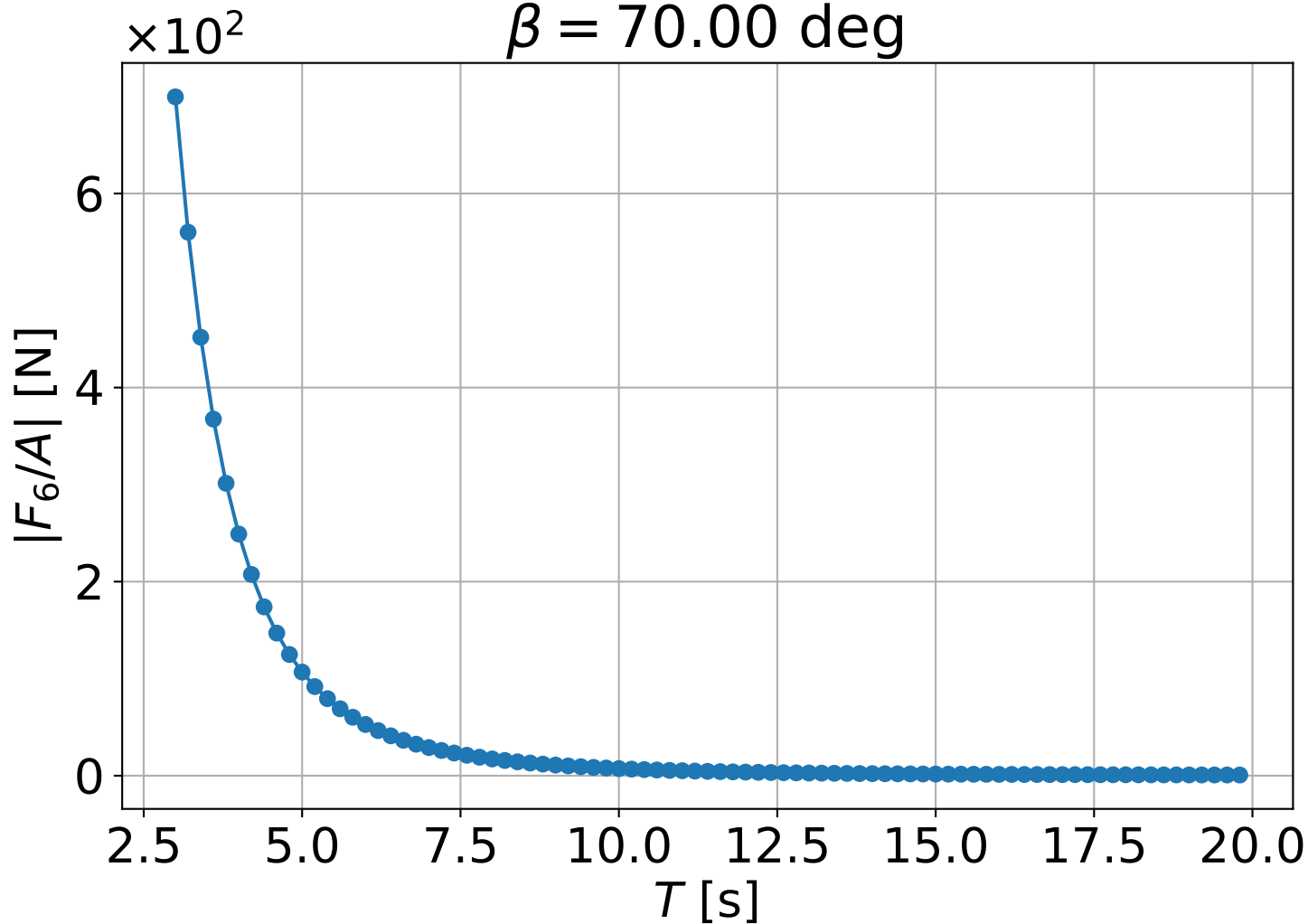


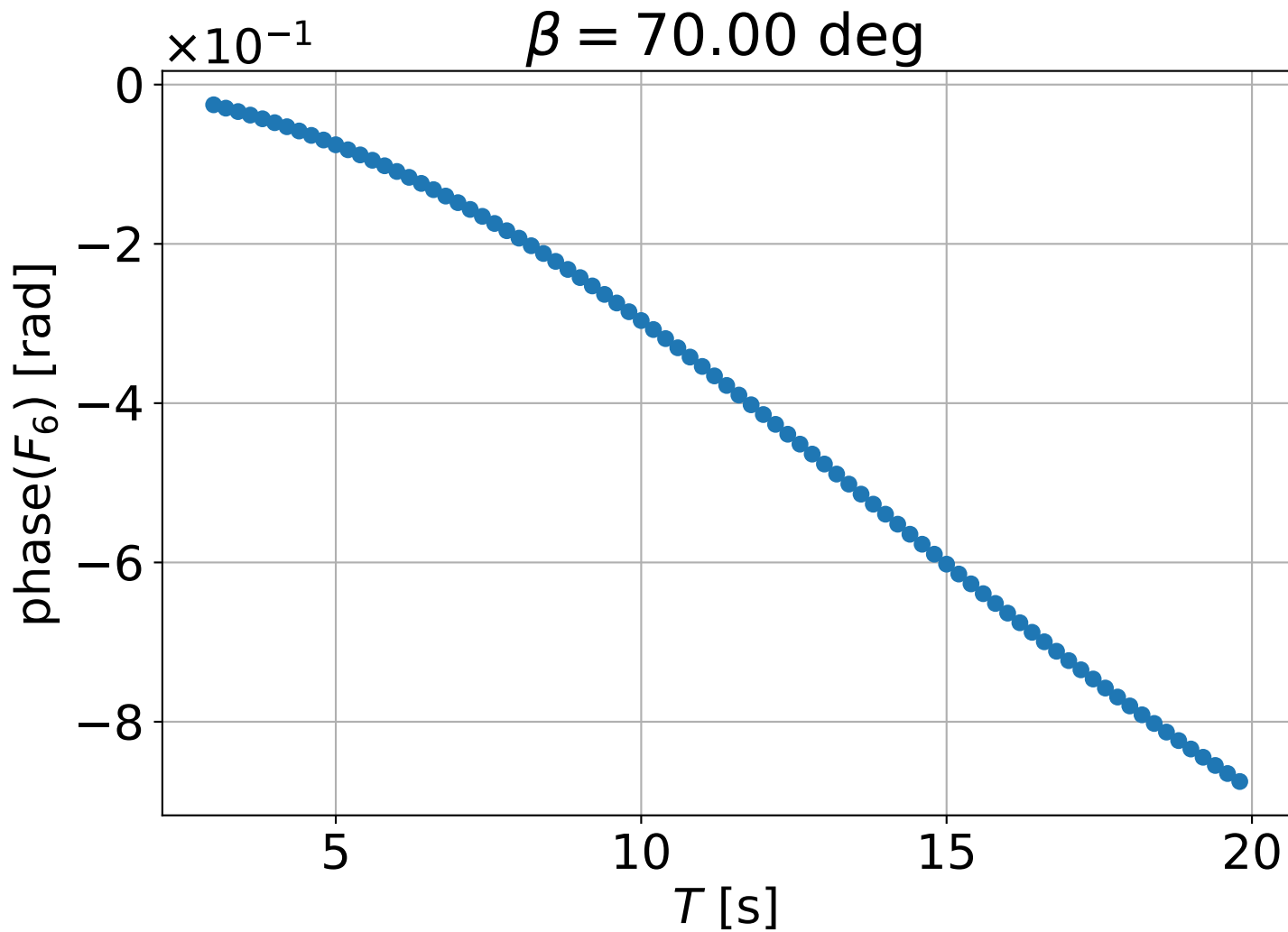
$\beta = 60.00$ deg



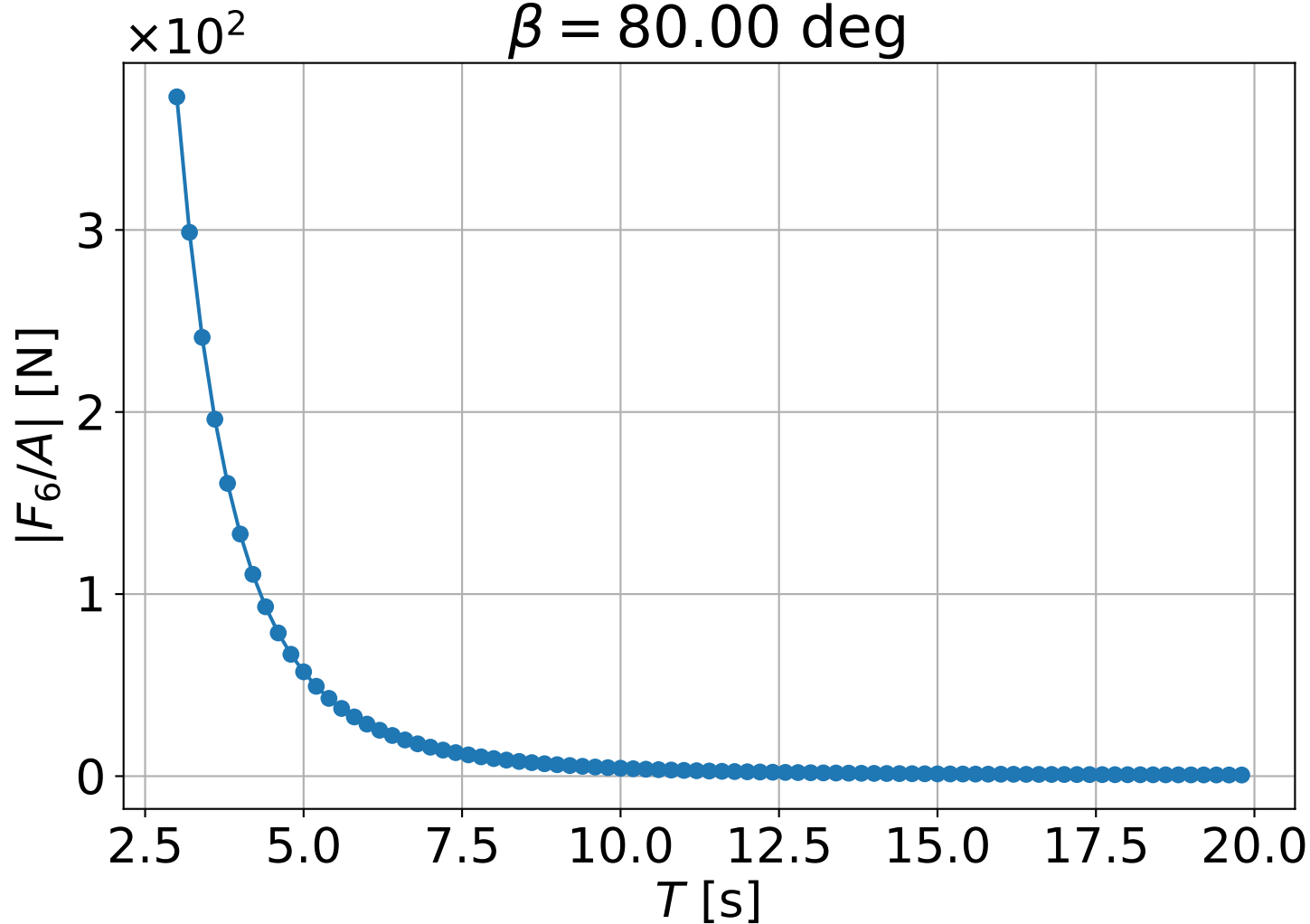


$\beta = 70.00$ deg

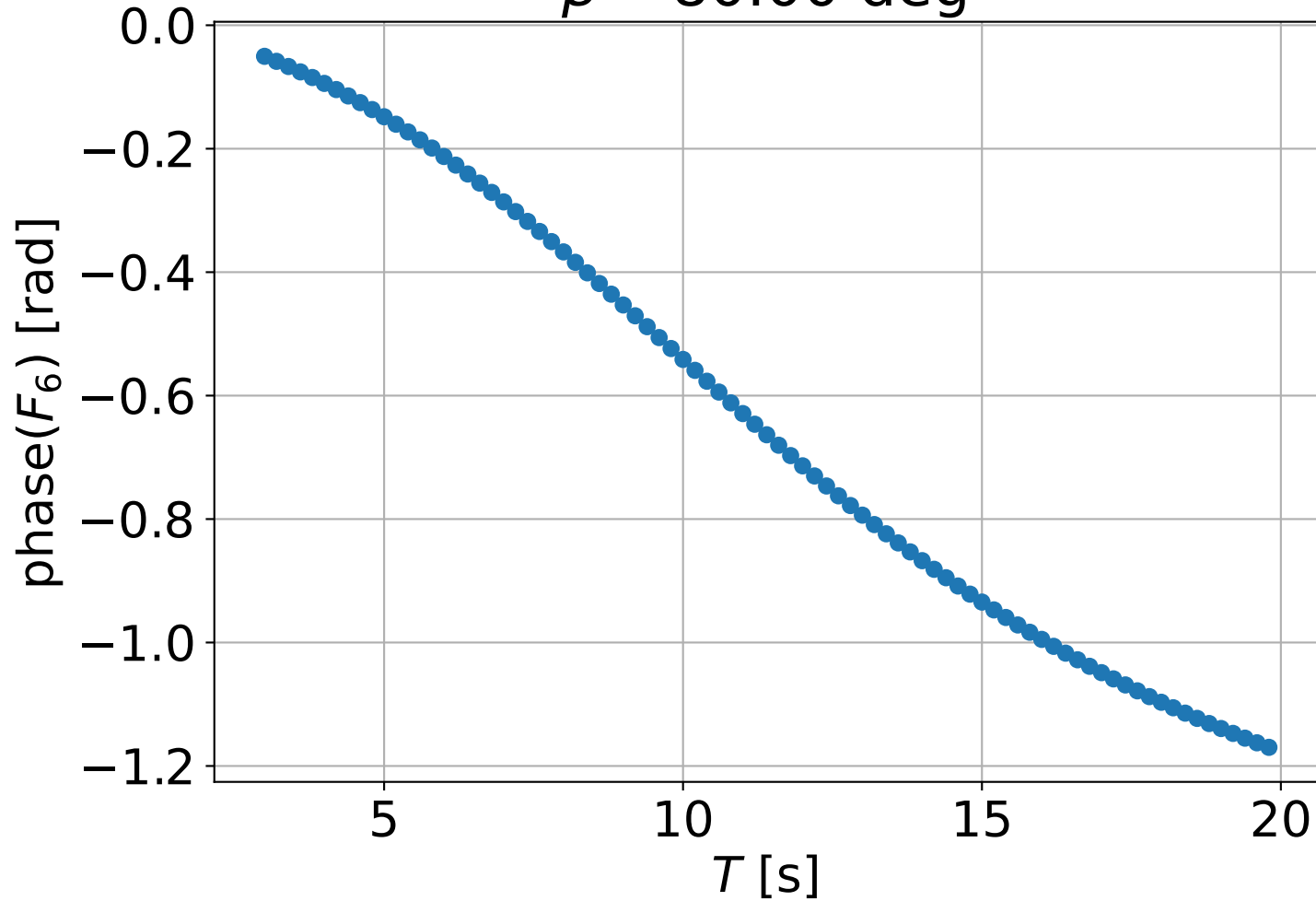


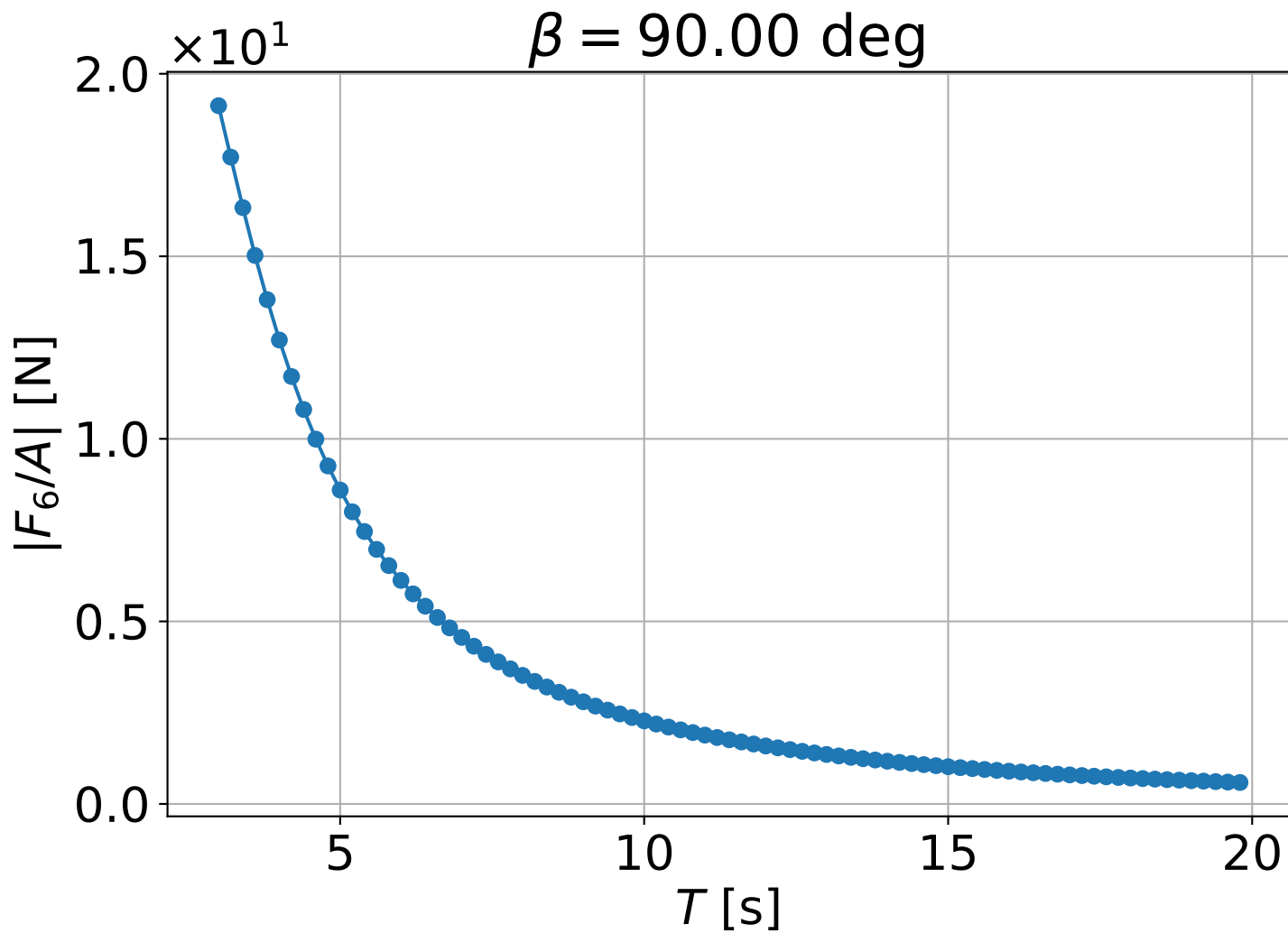


$\beta = 80.00$ deg

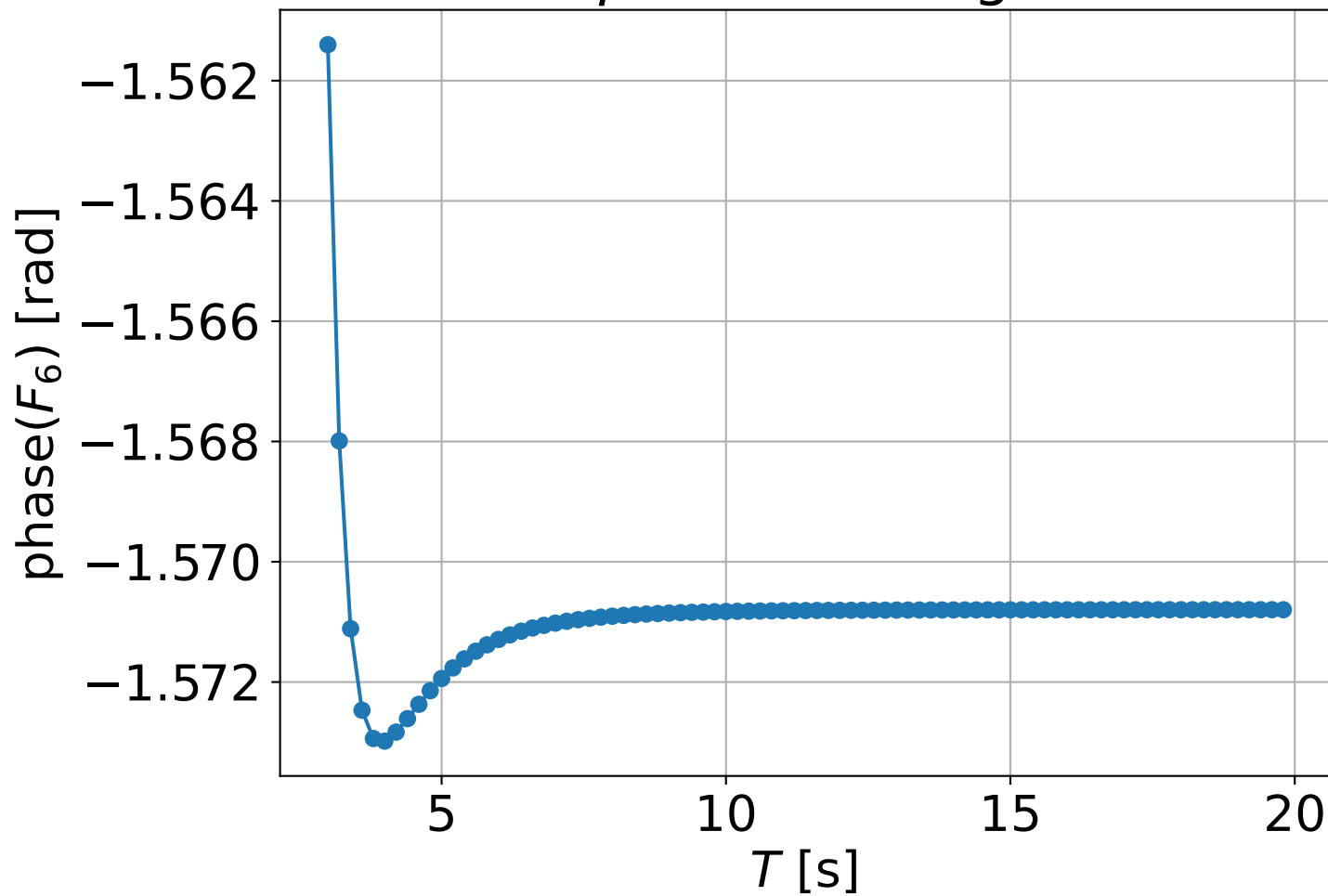


$\beta = 80.00$ deg

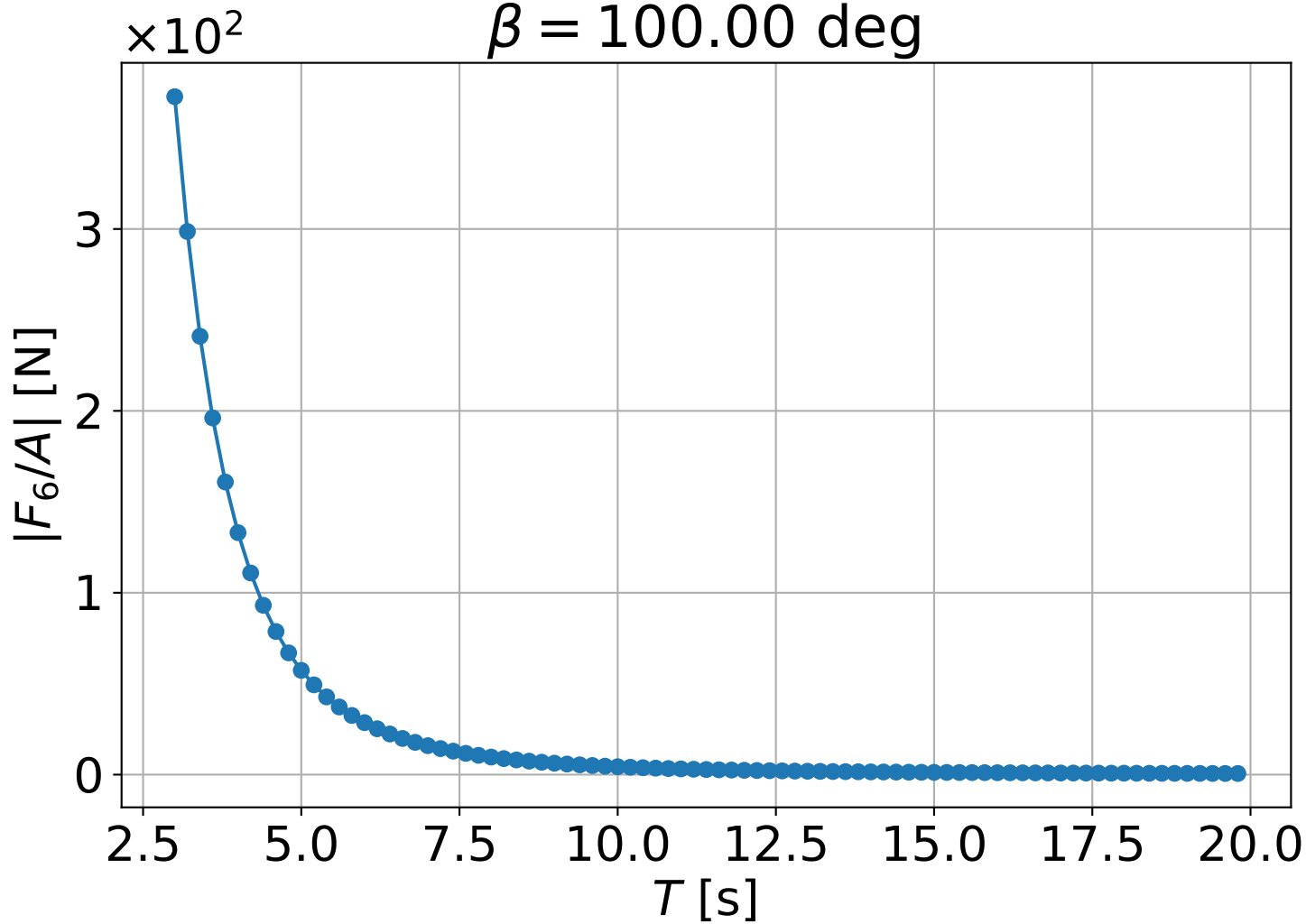




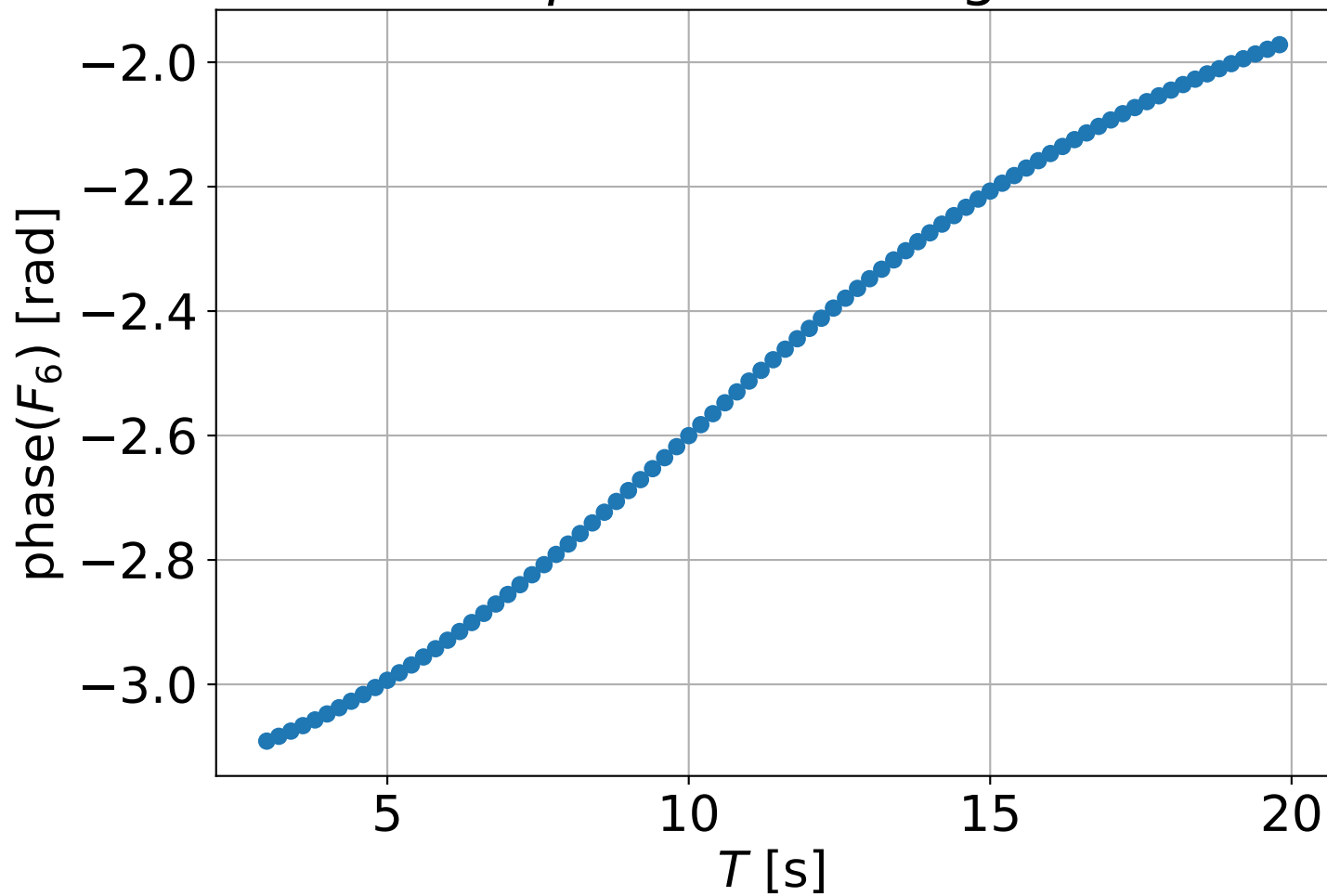
$\beta = 90.00$ deg



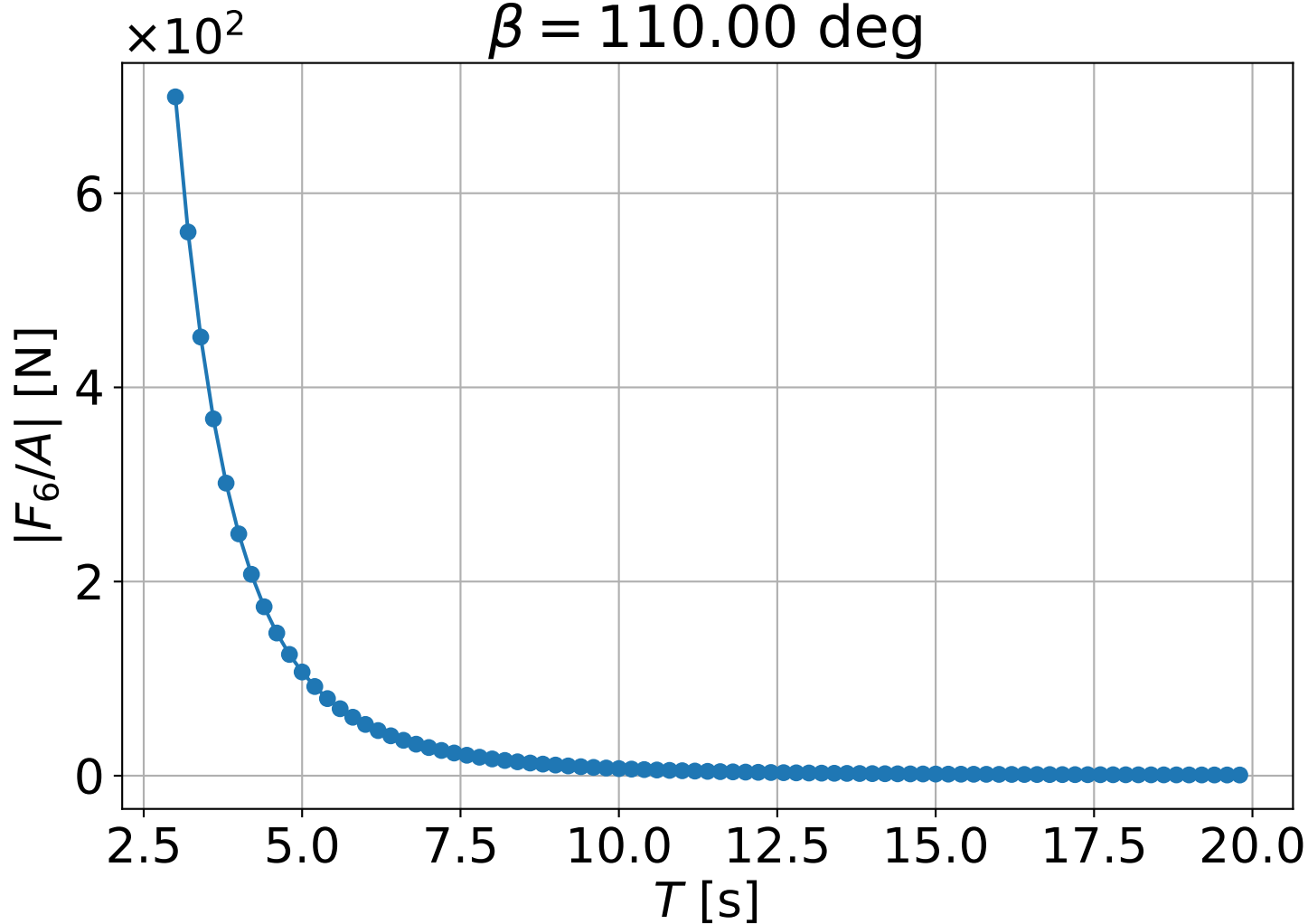
$\beta = 100.00$ deg



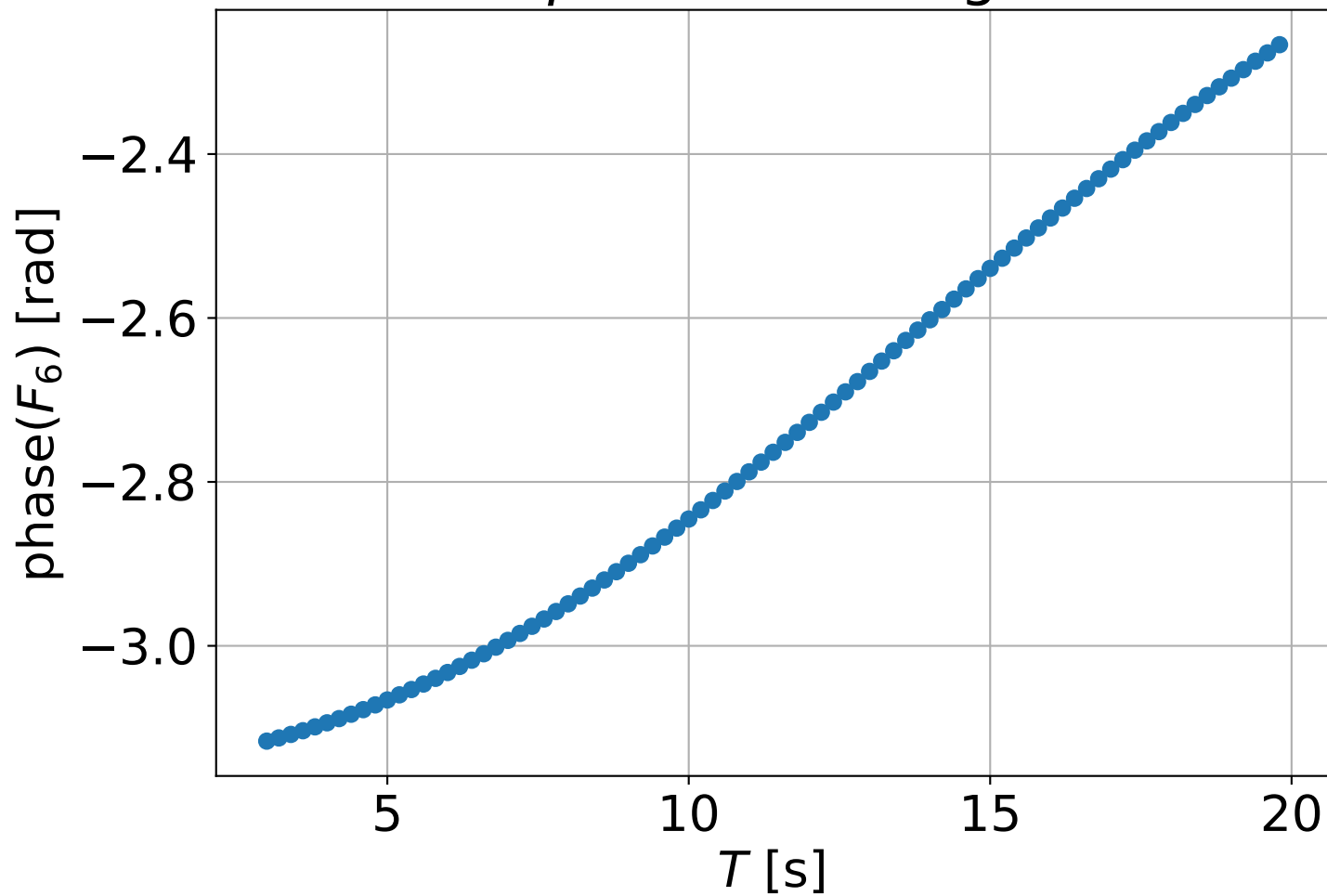
$\beta = 100.00$ deg



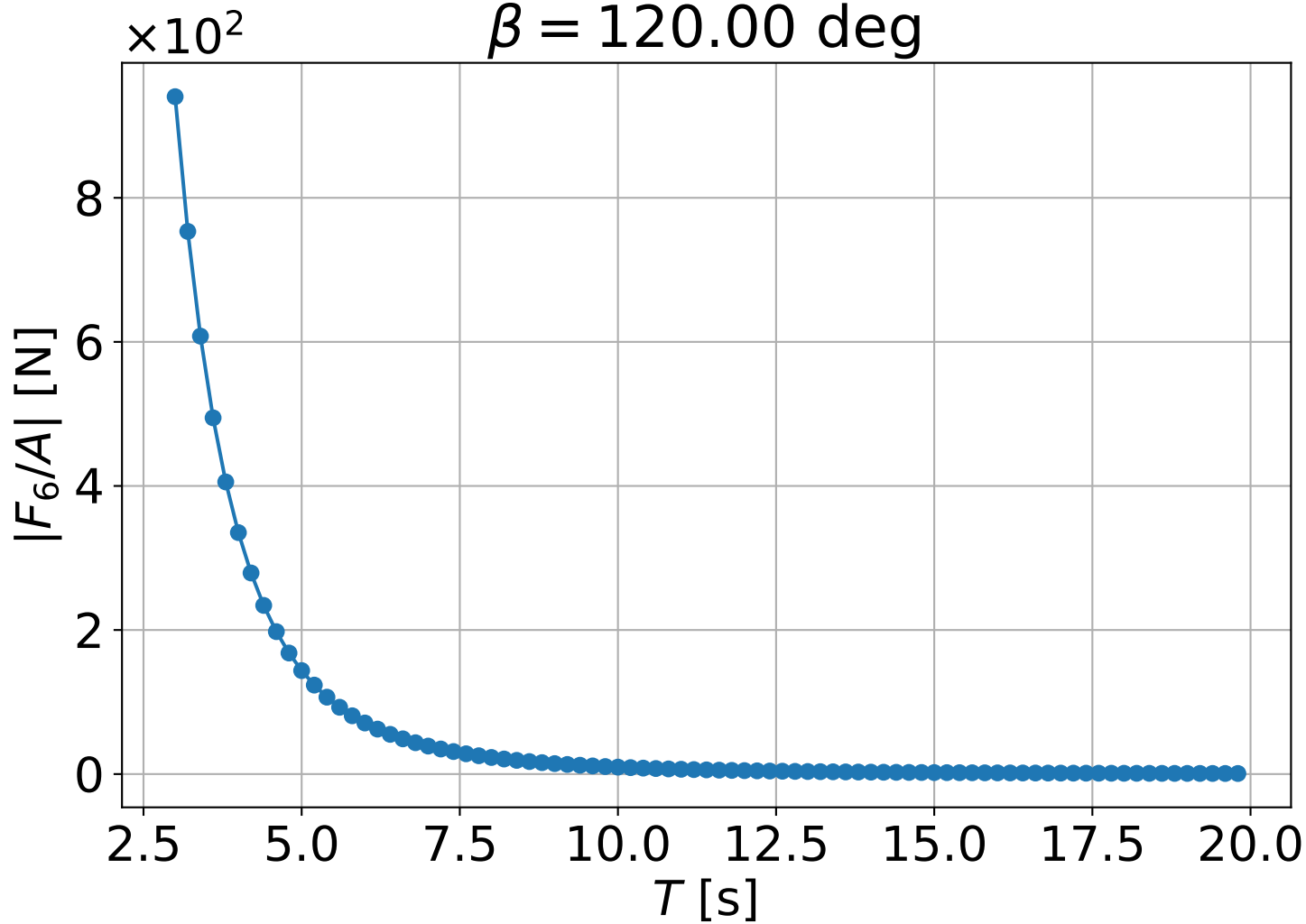
$\beta = 110.00$ deg



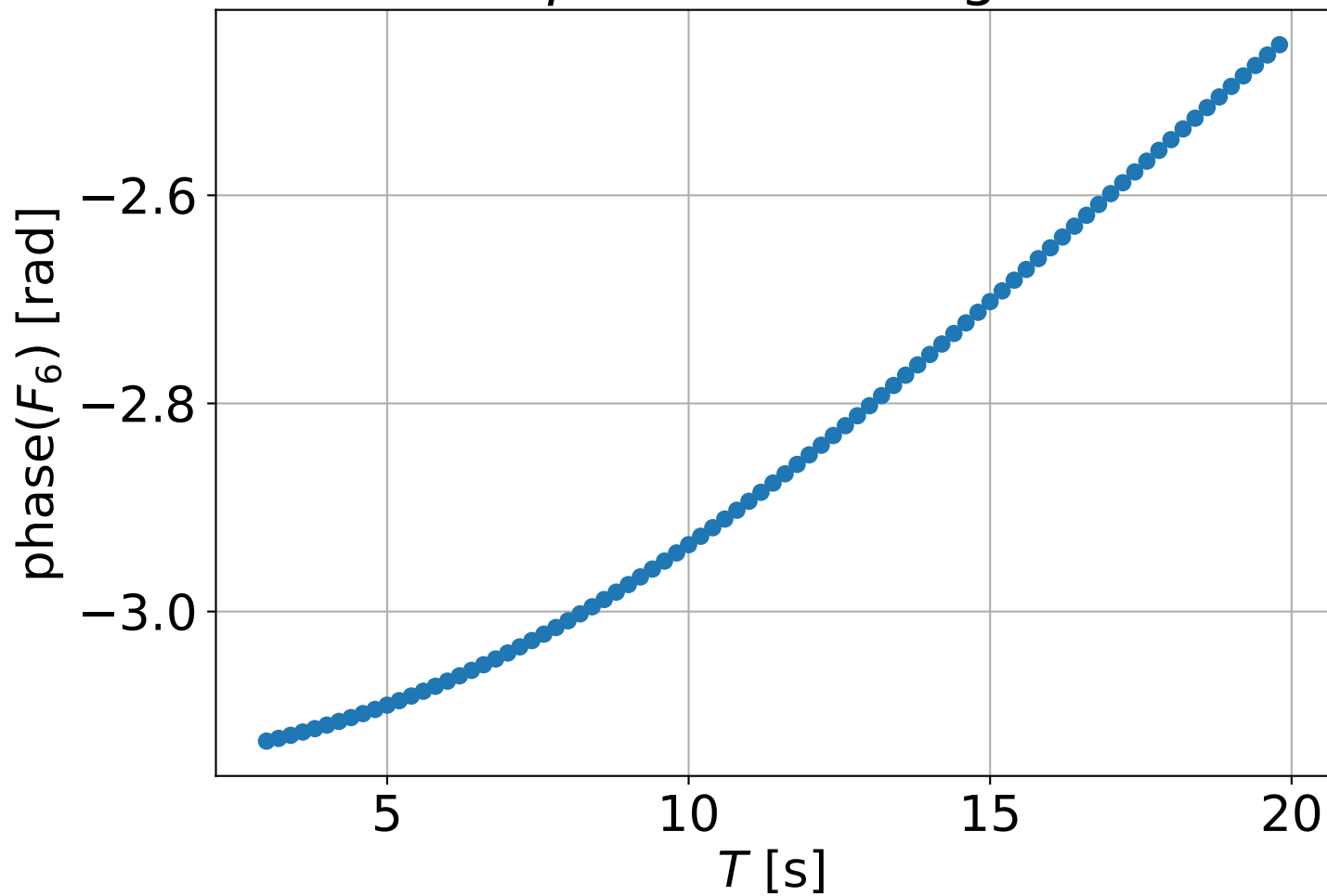
$\beta = 110.00$ deg

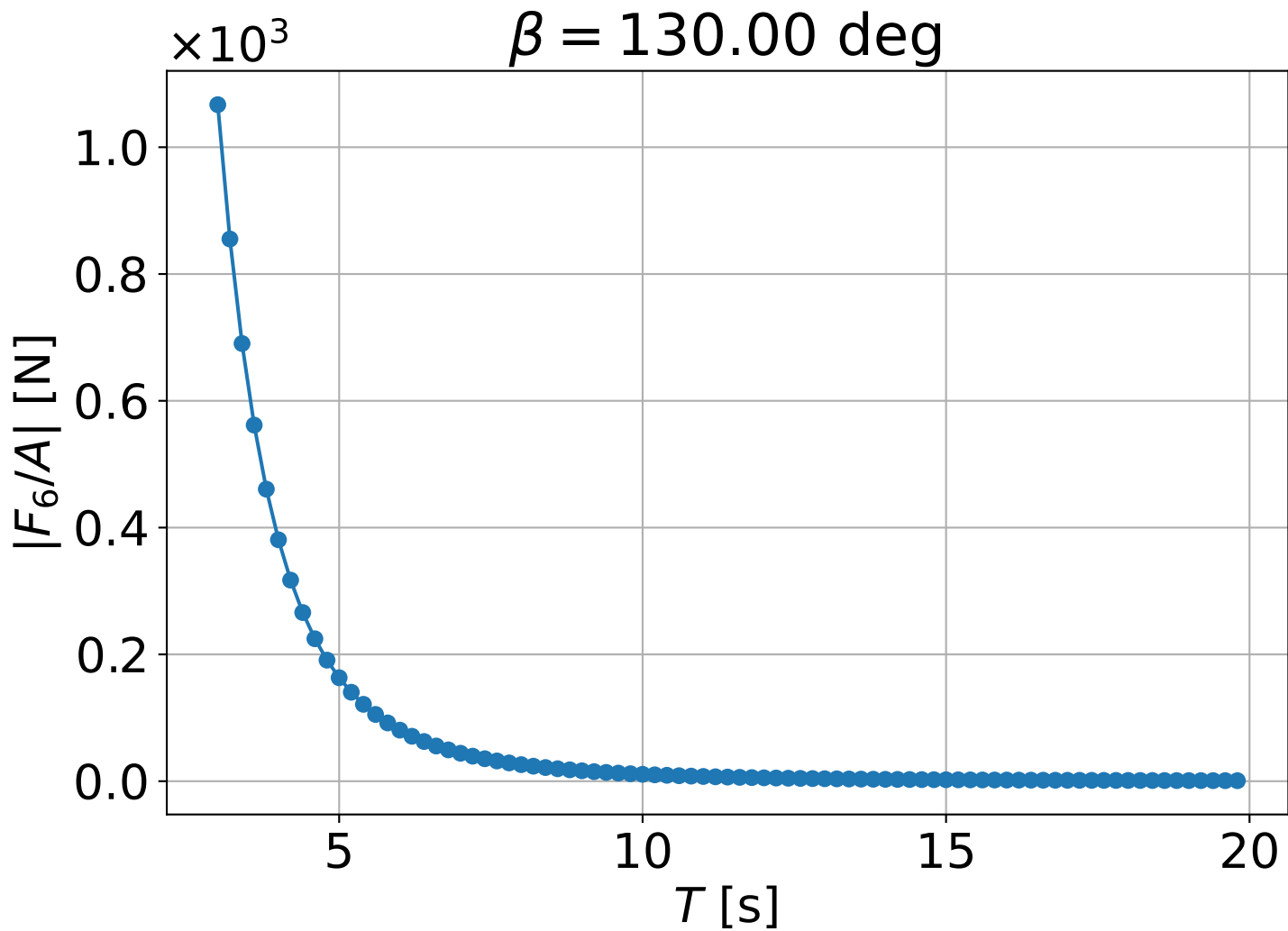


$\beta = 120.00$ deg

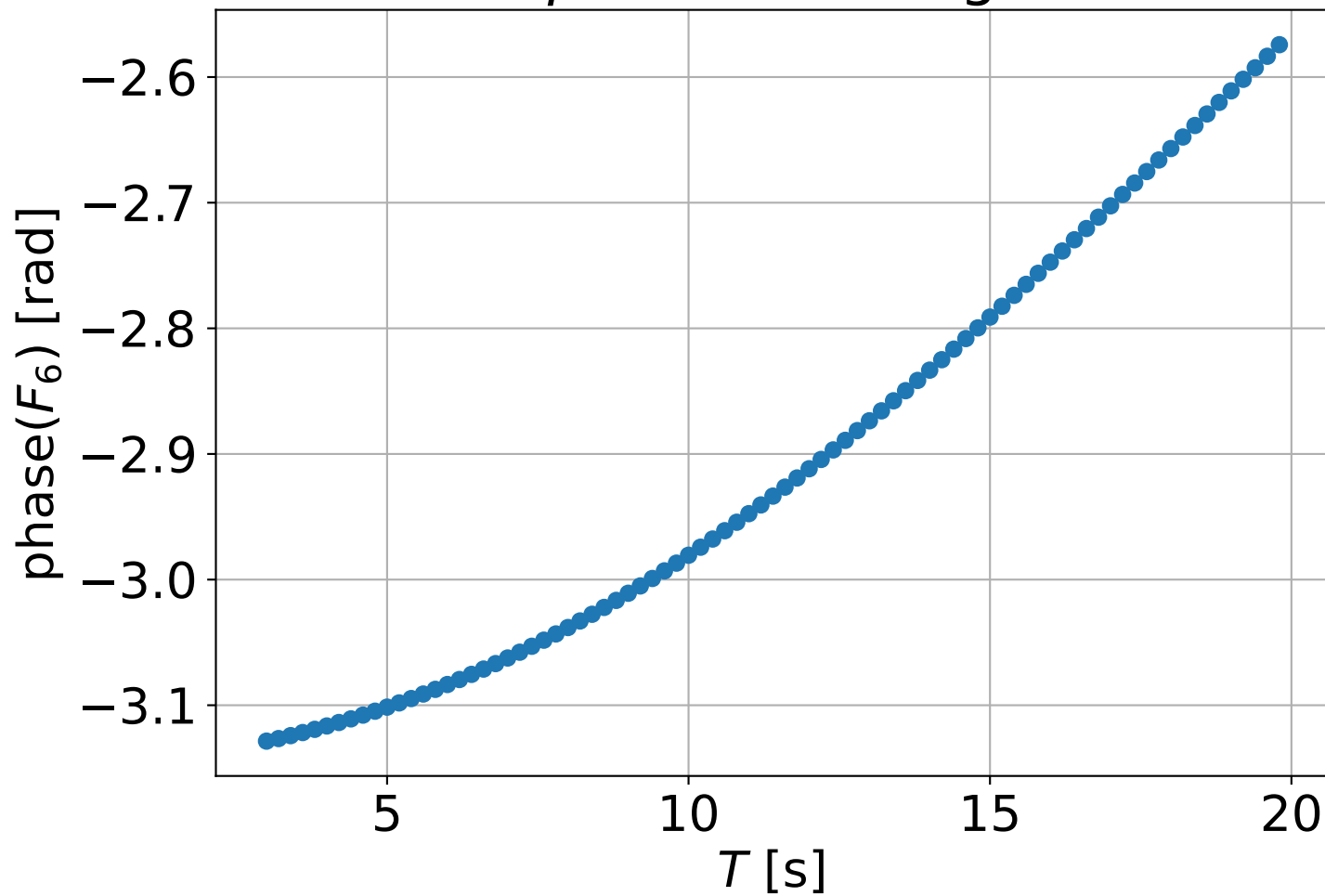


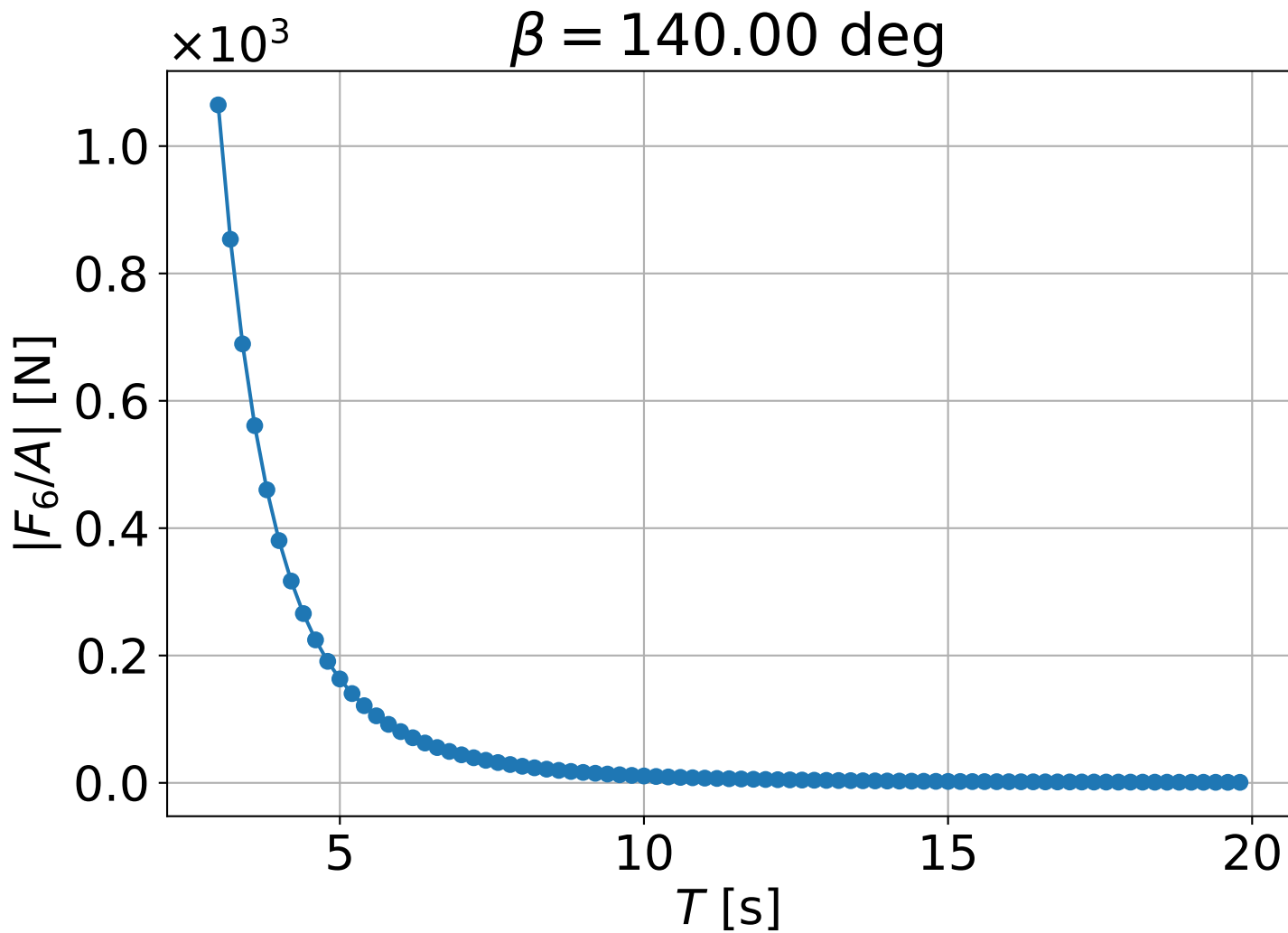
$$\beta = 120.00 \text{ deg}$$



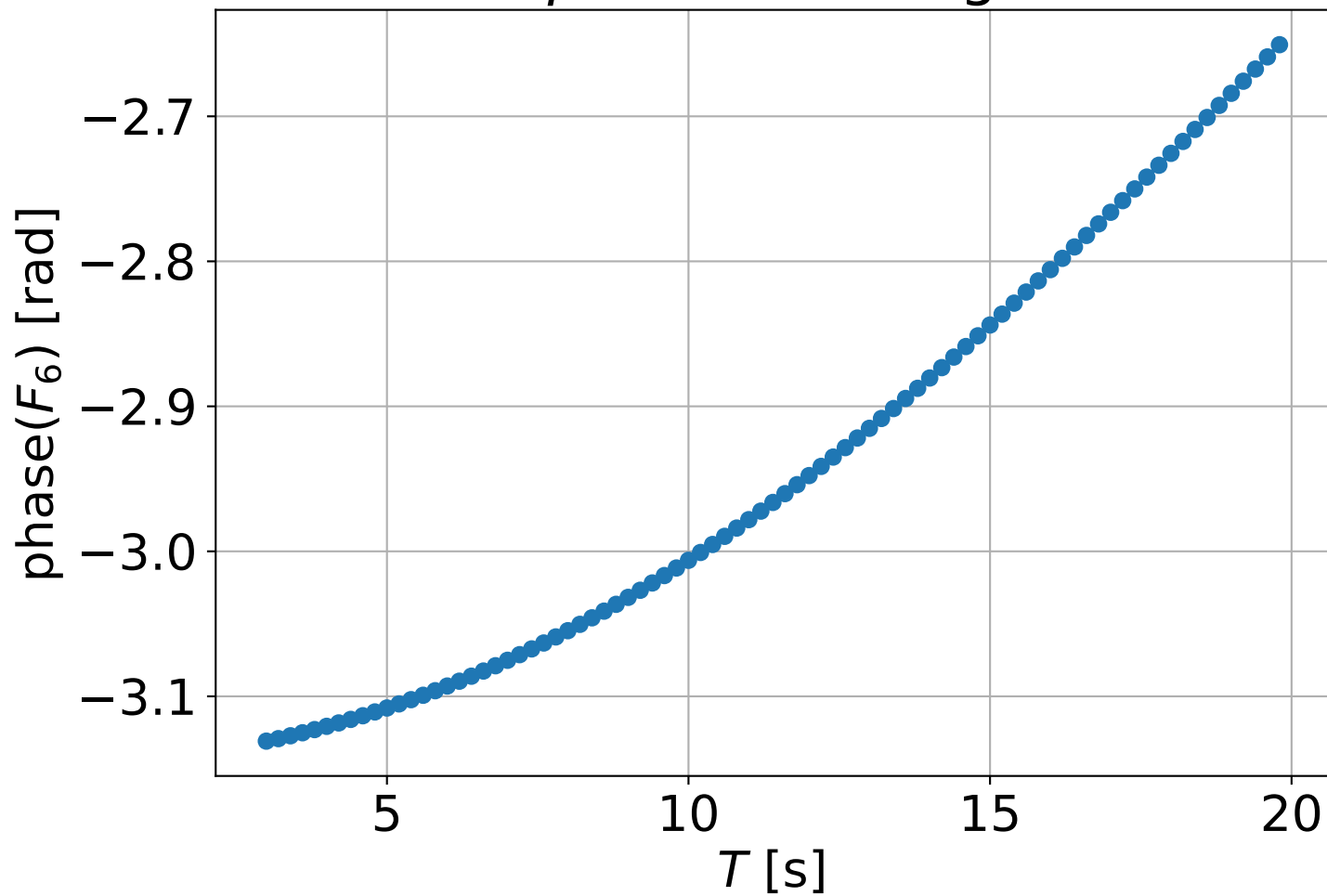


$\beta = 130.00$ deg

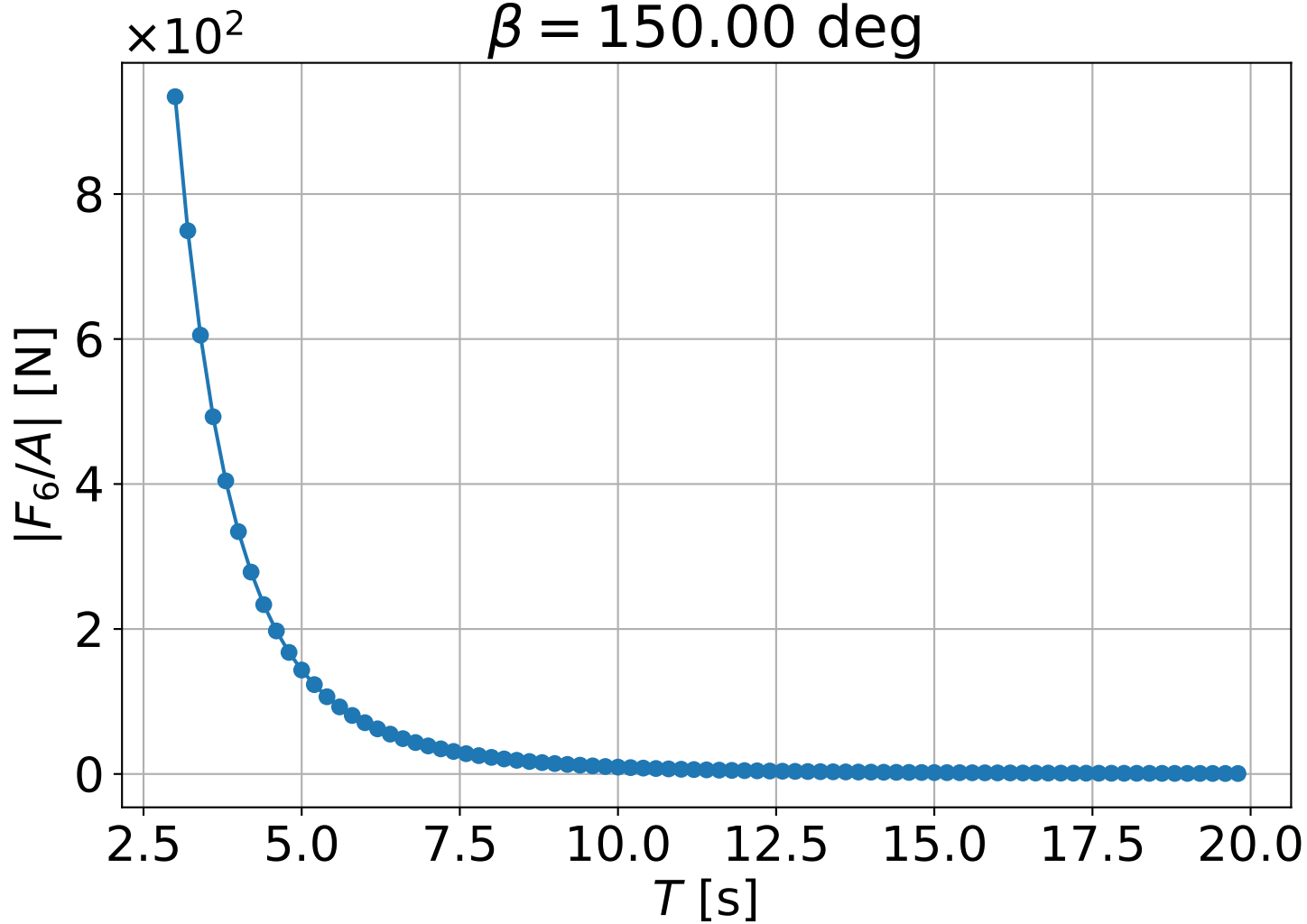




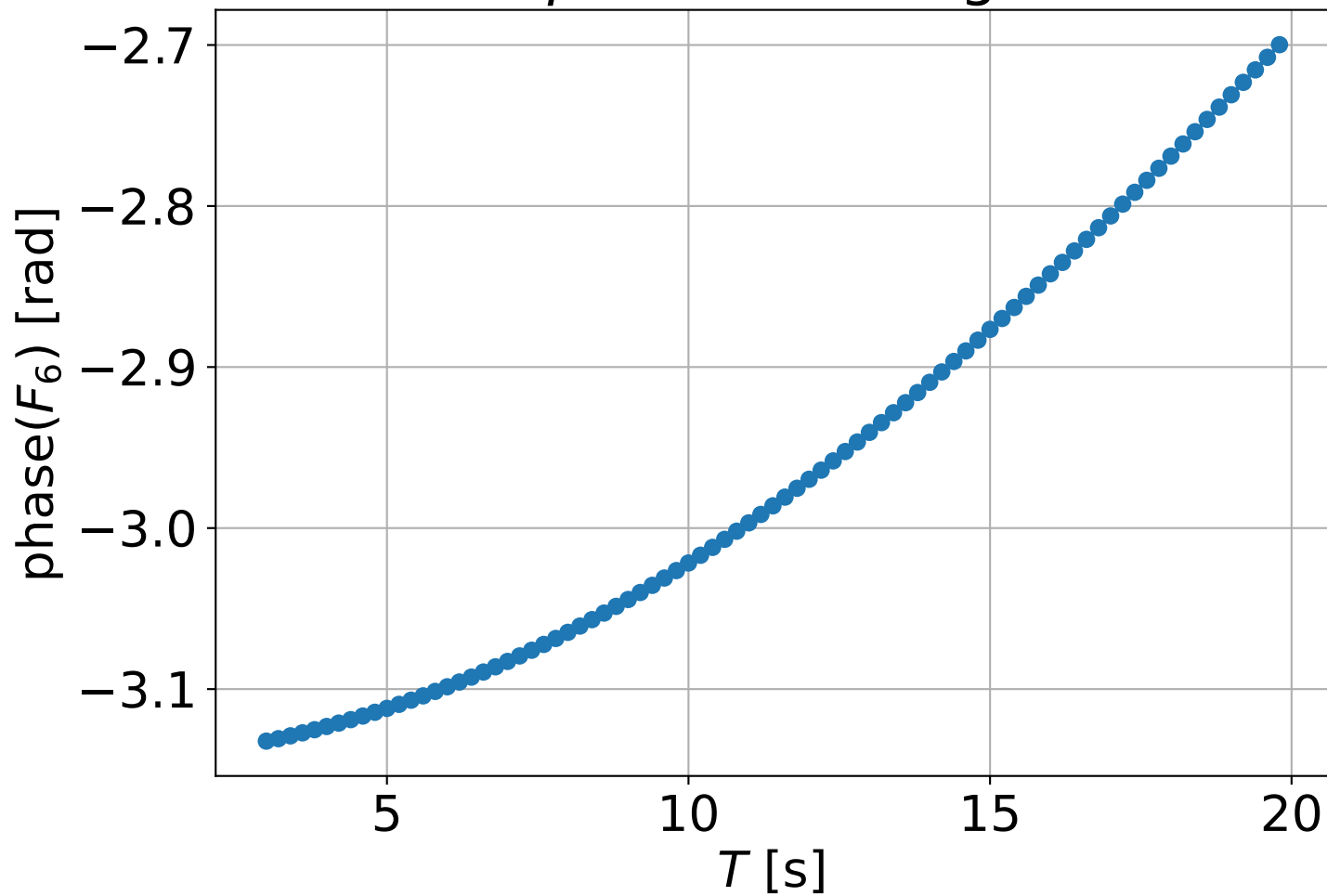
$$\beta = 140.00 \text{ deg}$$



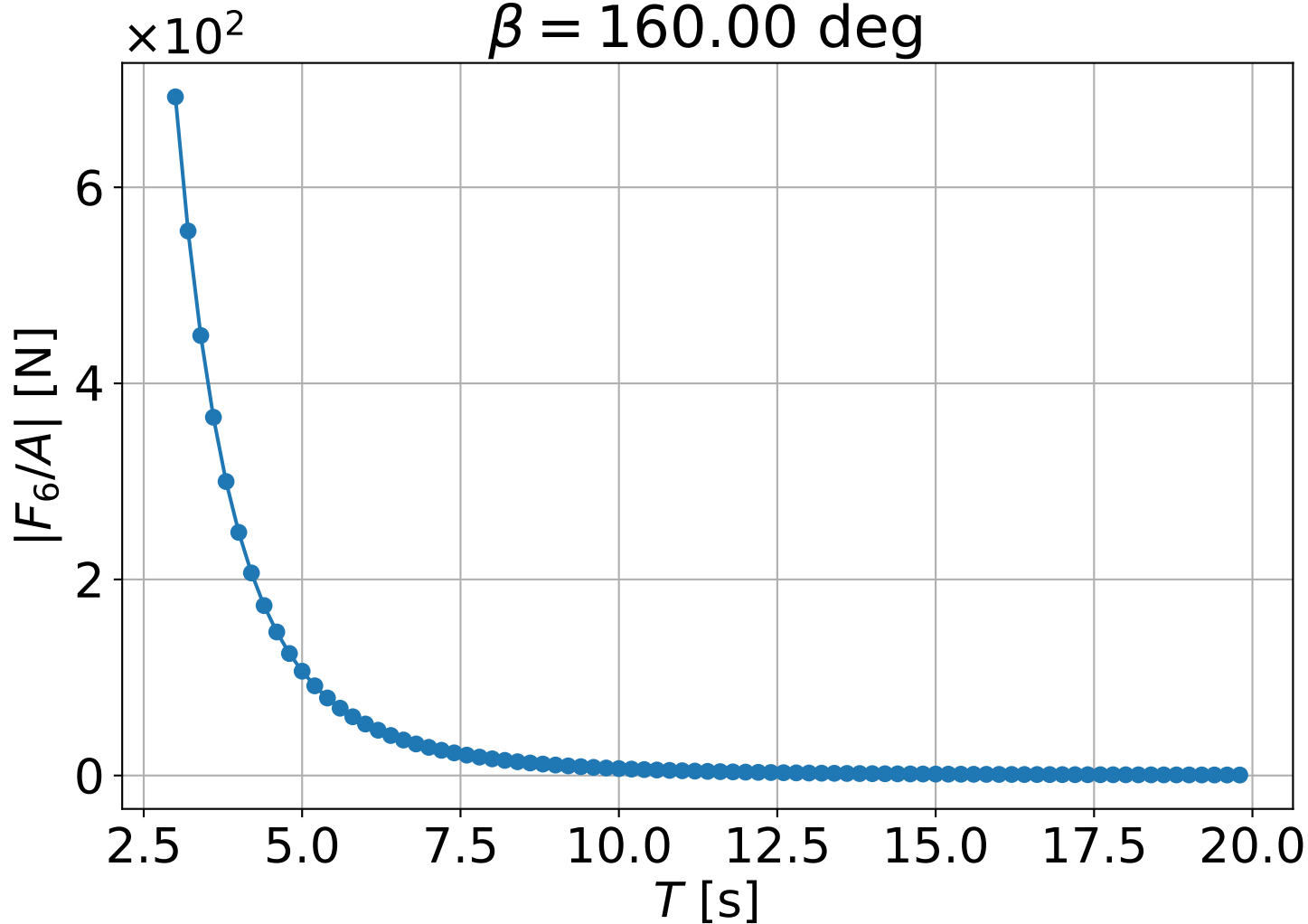
$\beta = 150.00$ deg



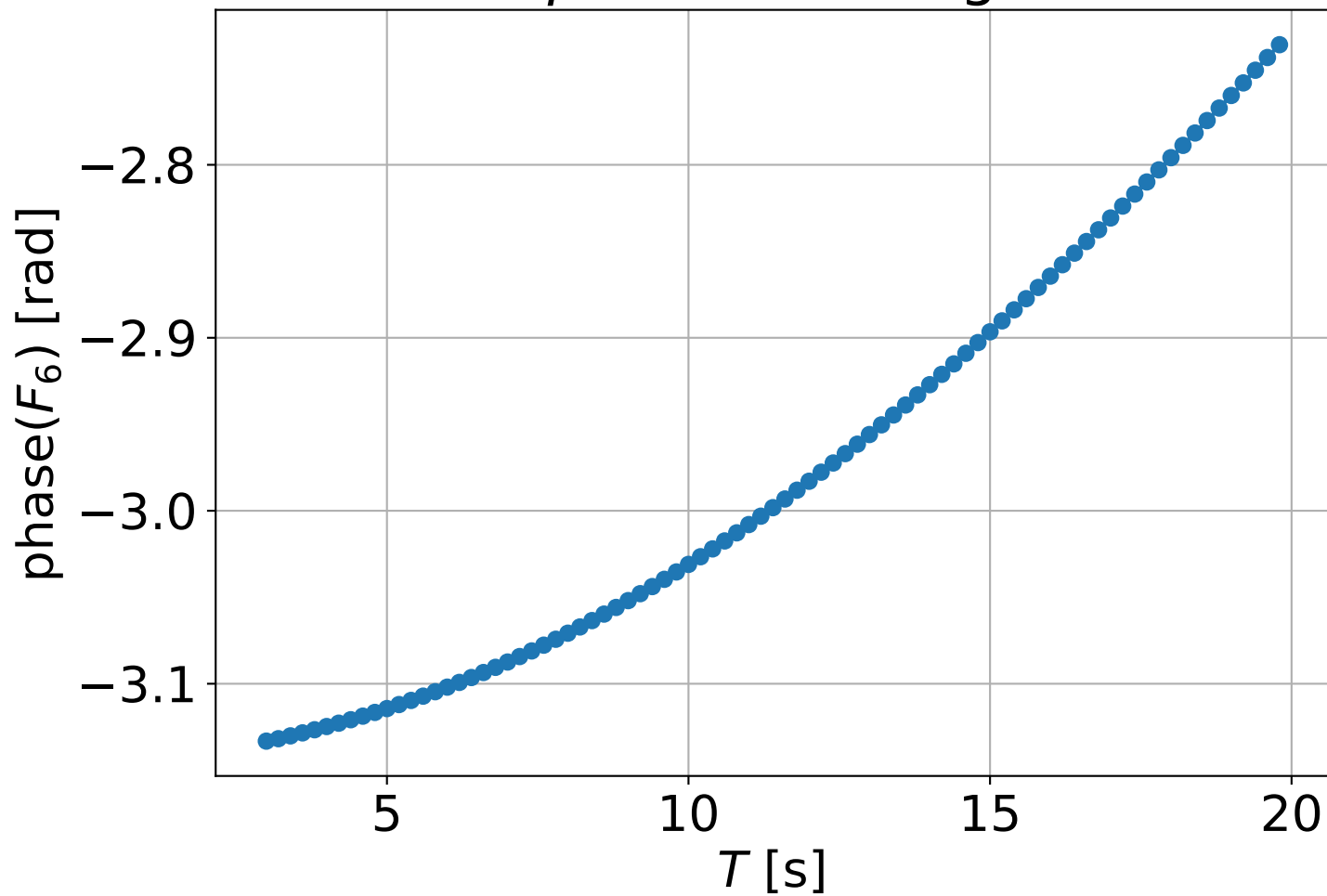
$\beta = 150.00$ deg



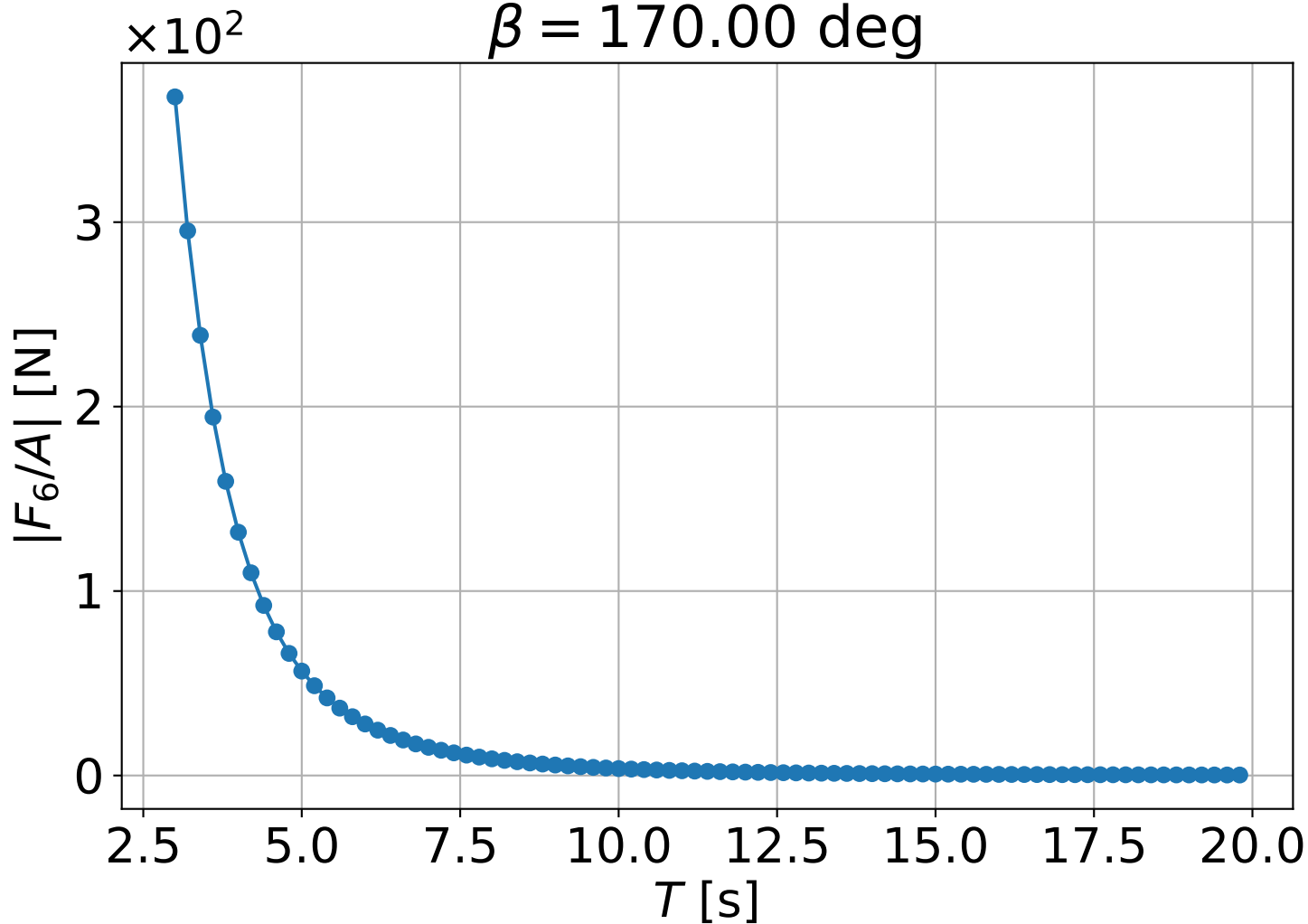
$\beta = 160.00$ deg



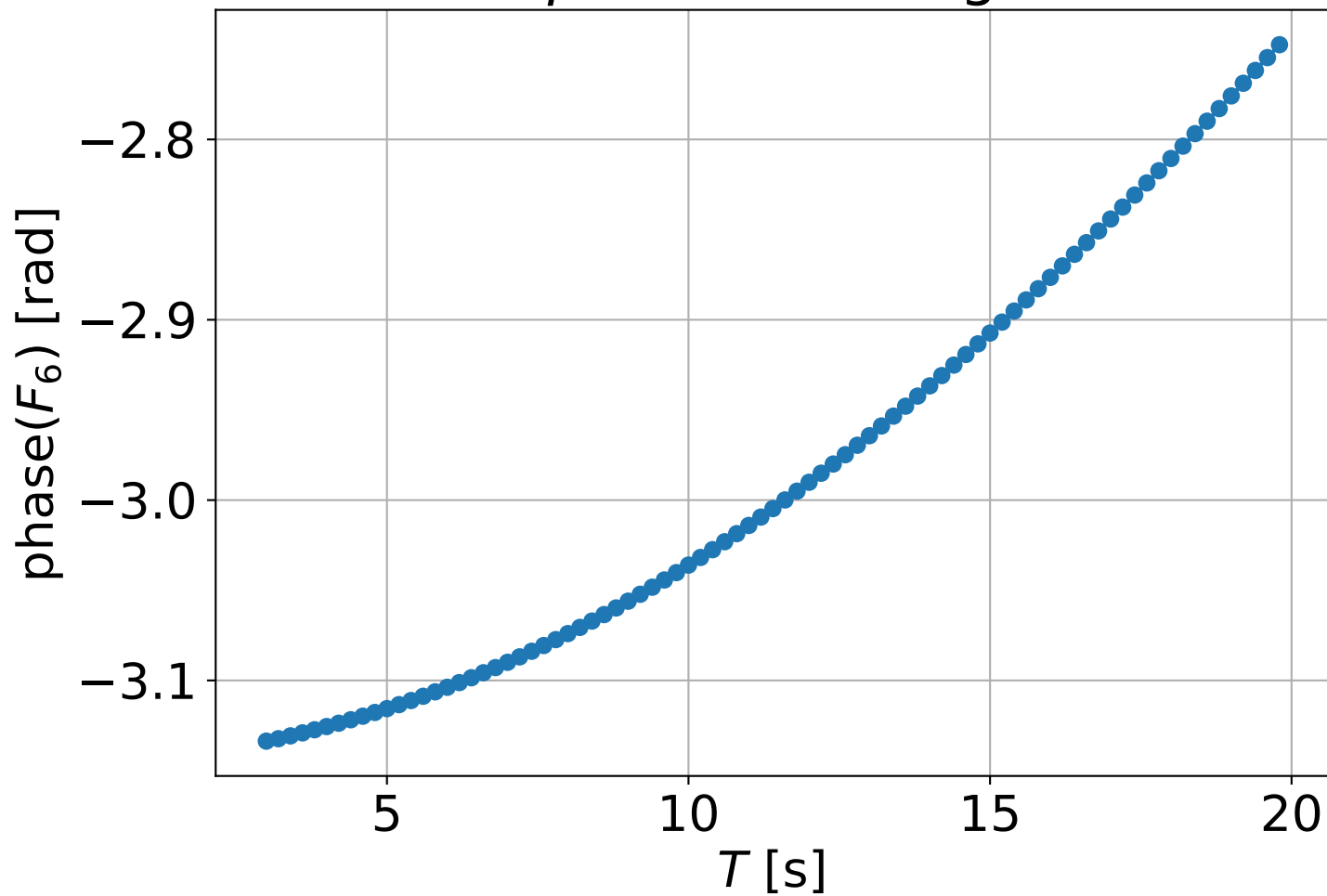
$\beta = 160.00$ deg

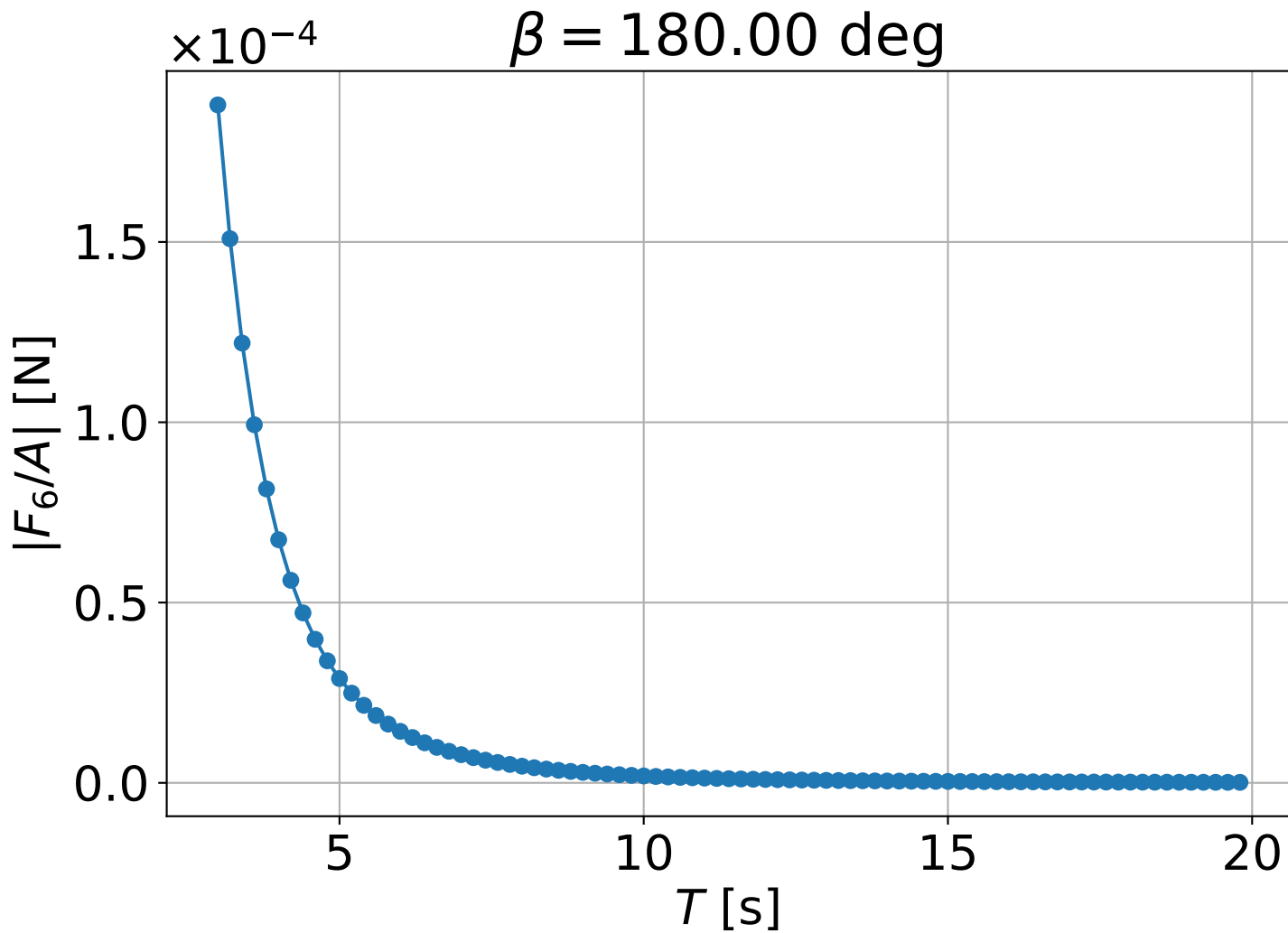


$\beta = 170.00$ deg



$\beta = 170.00$ deg





$\beta = 180.00$ deg

