

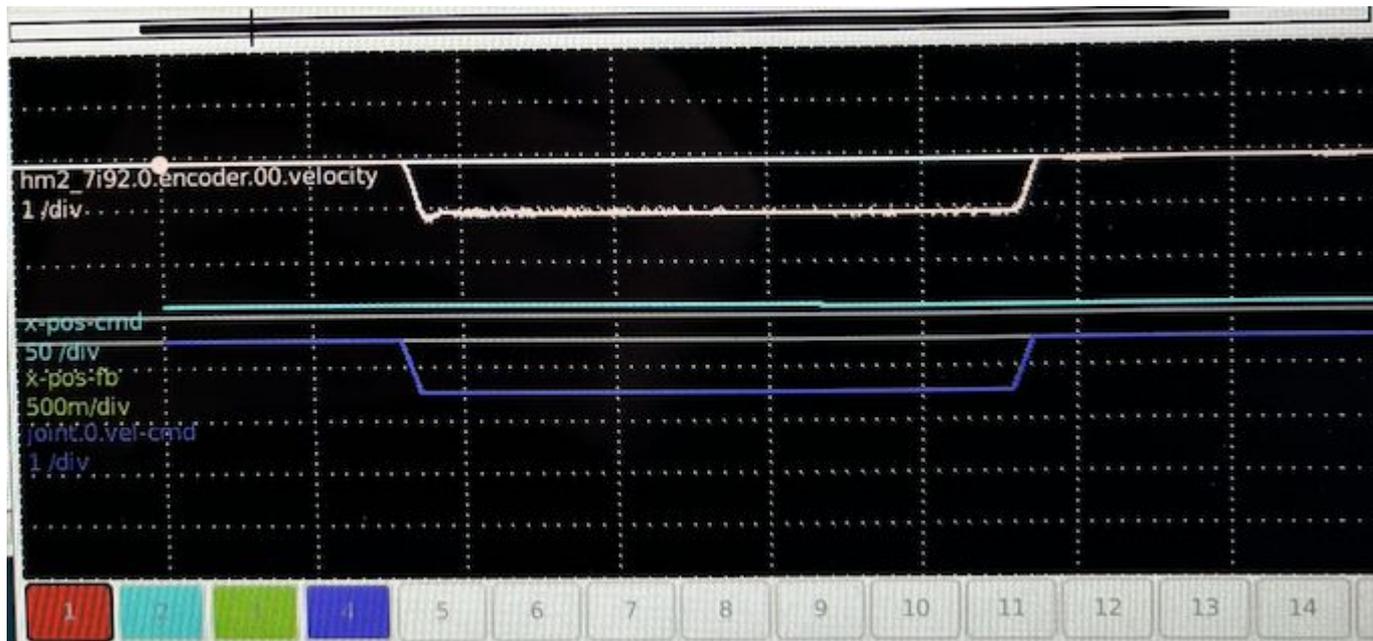
Oscilloscope results from testing on March 26, 2026

The following tests were done only on X axis of the 312

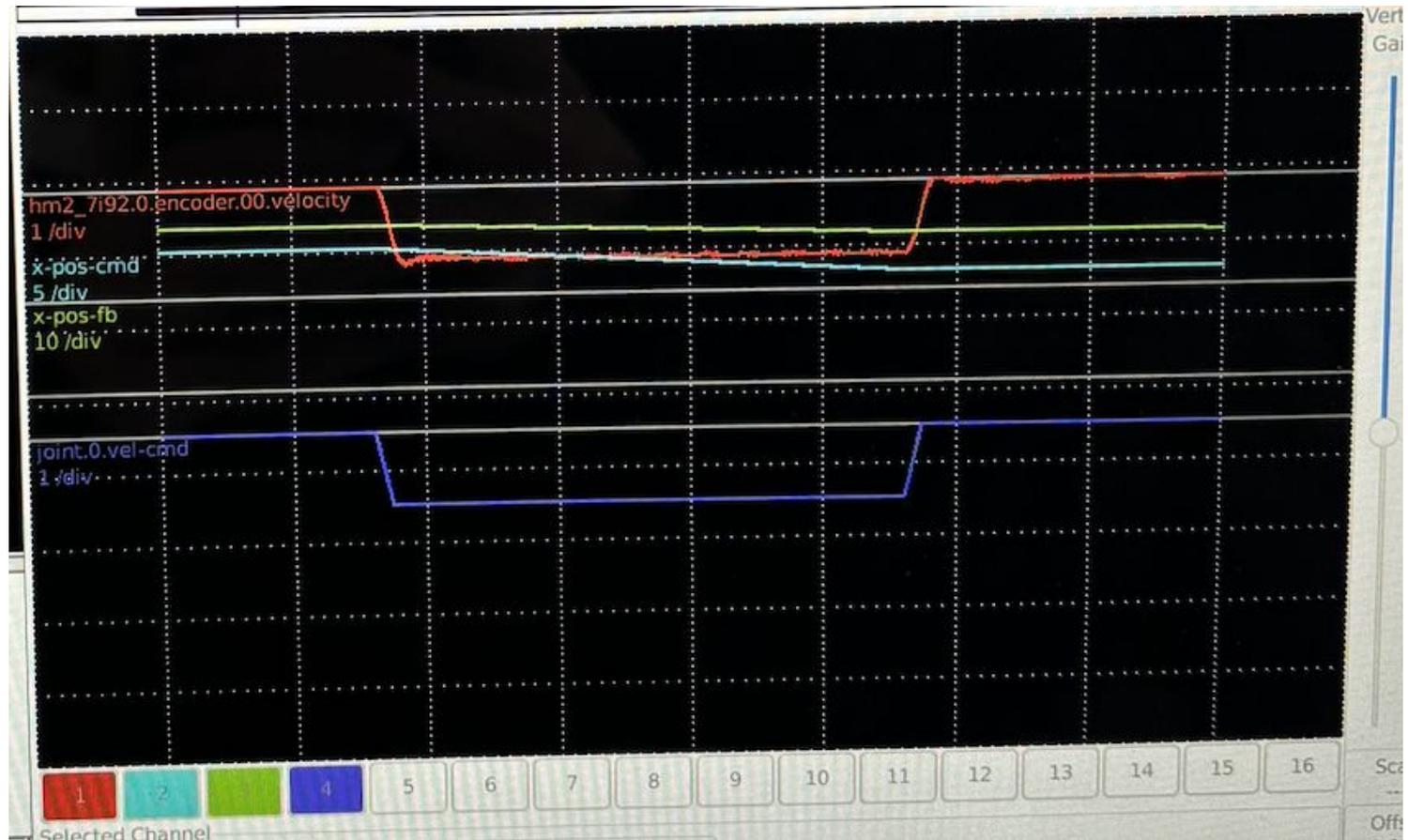
$P = 2$

$D = 1.9$

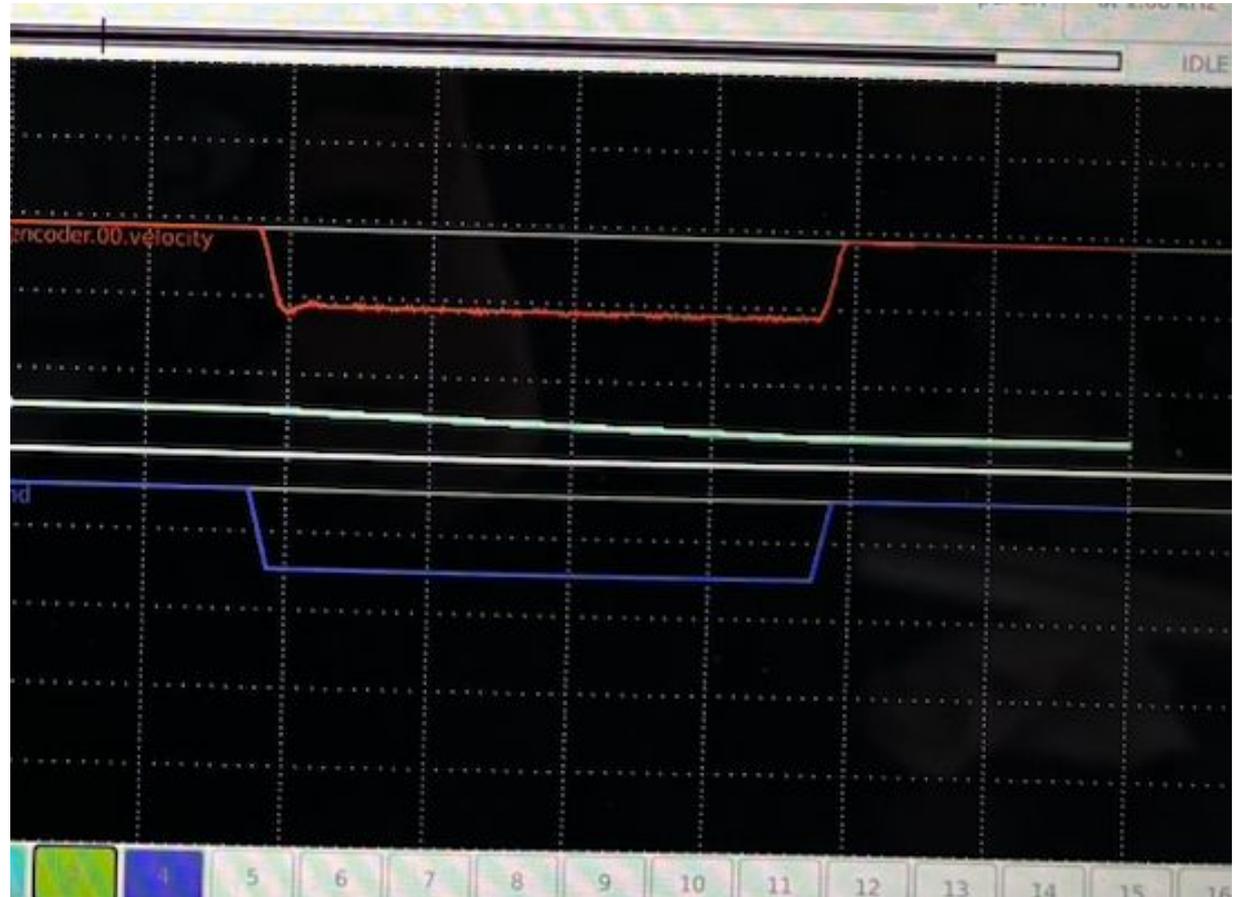
$FF1 = 0$



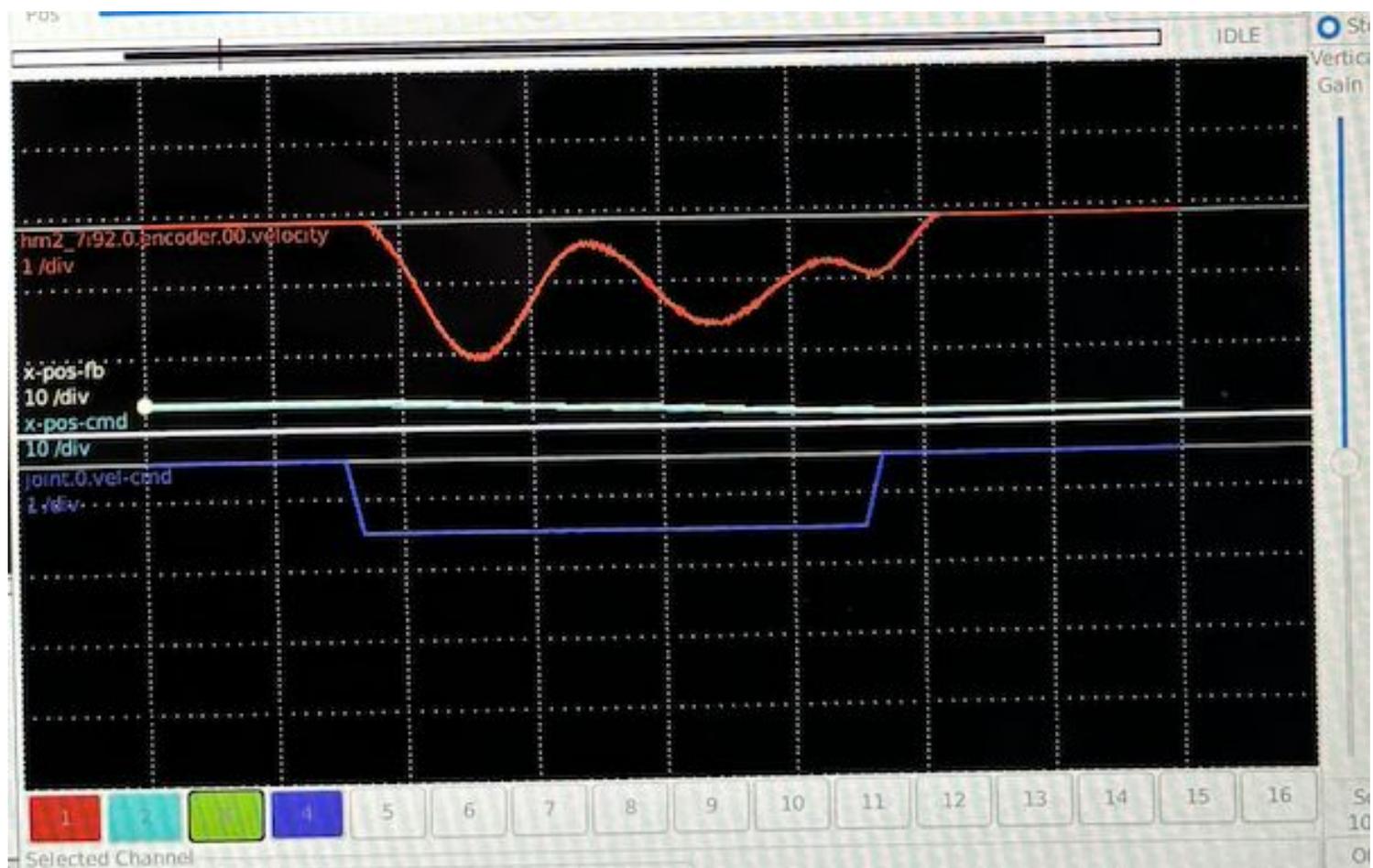
P = 2
D = 1.9
FF1 = 0.2



P = 2
D = 1.9
FF1 = 0.15

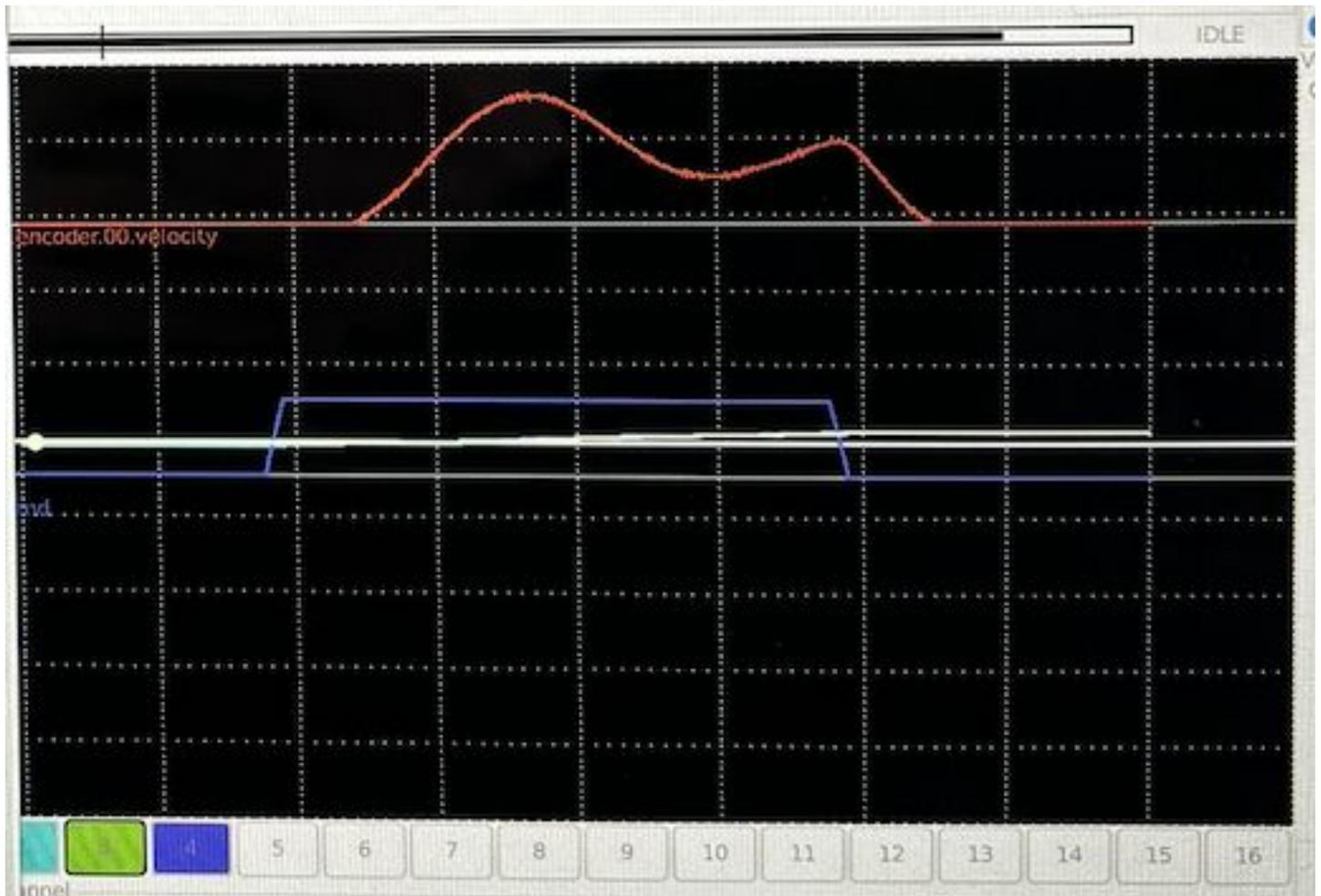


P = 2
D = 0
FF1 = 0.15



P = 1
D = 0
FF1 = 0.15

*The blue/indigo signal is the commanded velocity



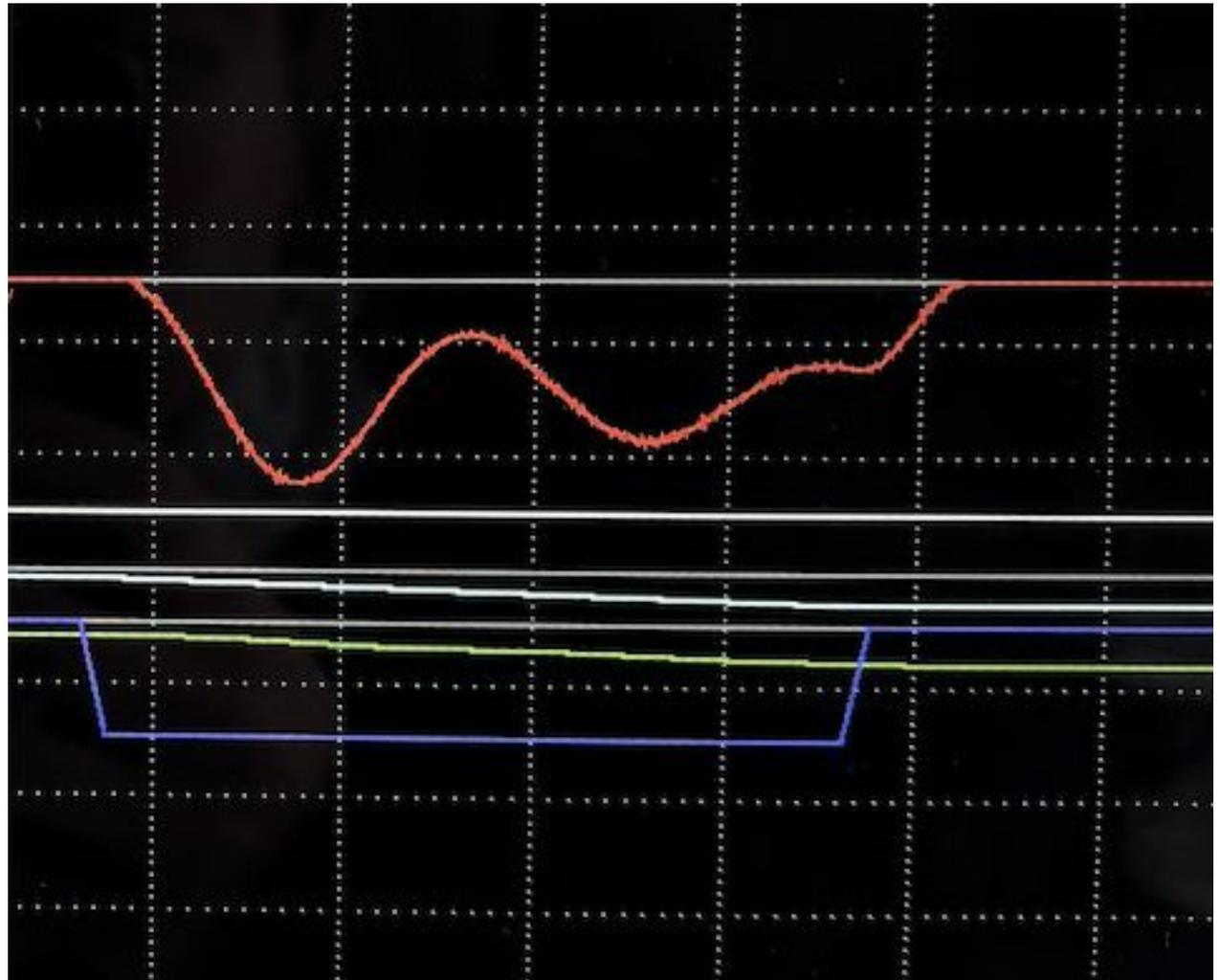
P = 0.5
D = 0
FF1 = 0.5



P = 4
D = 0
FF1 = 0.15

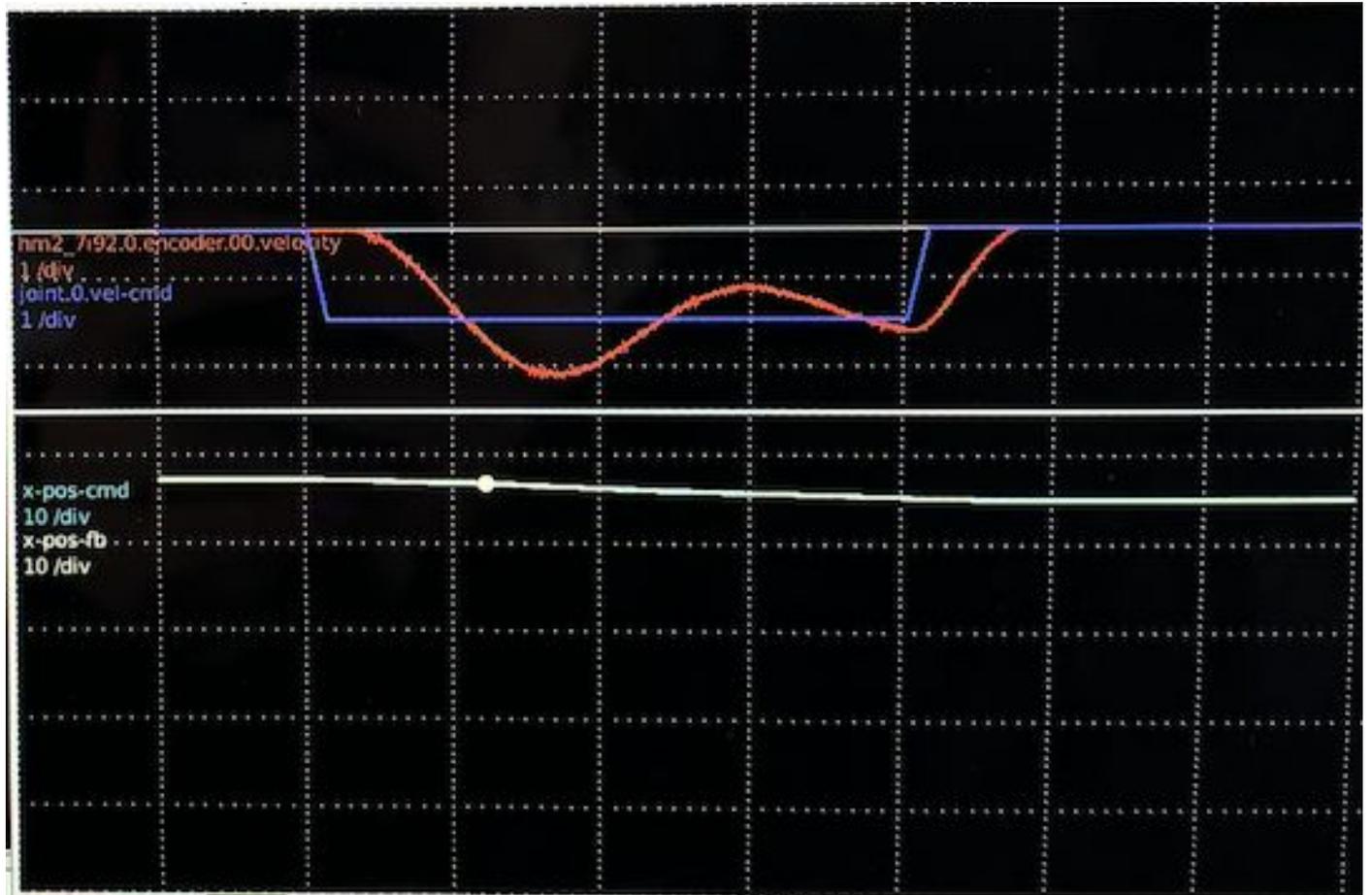


P = 2
D = 0
FF1 = 0.15



*This is a repeated test of values, shown in slide 5

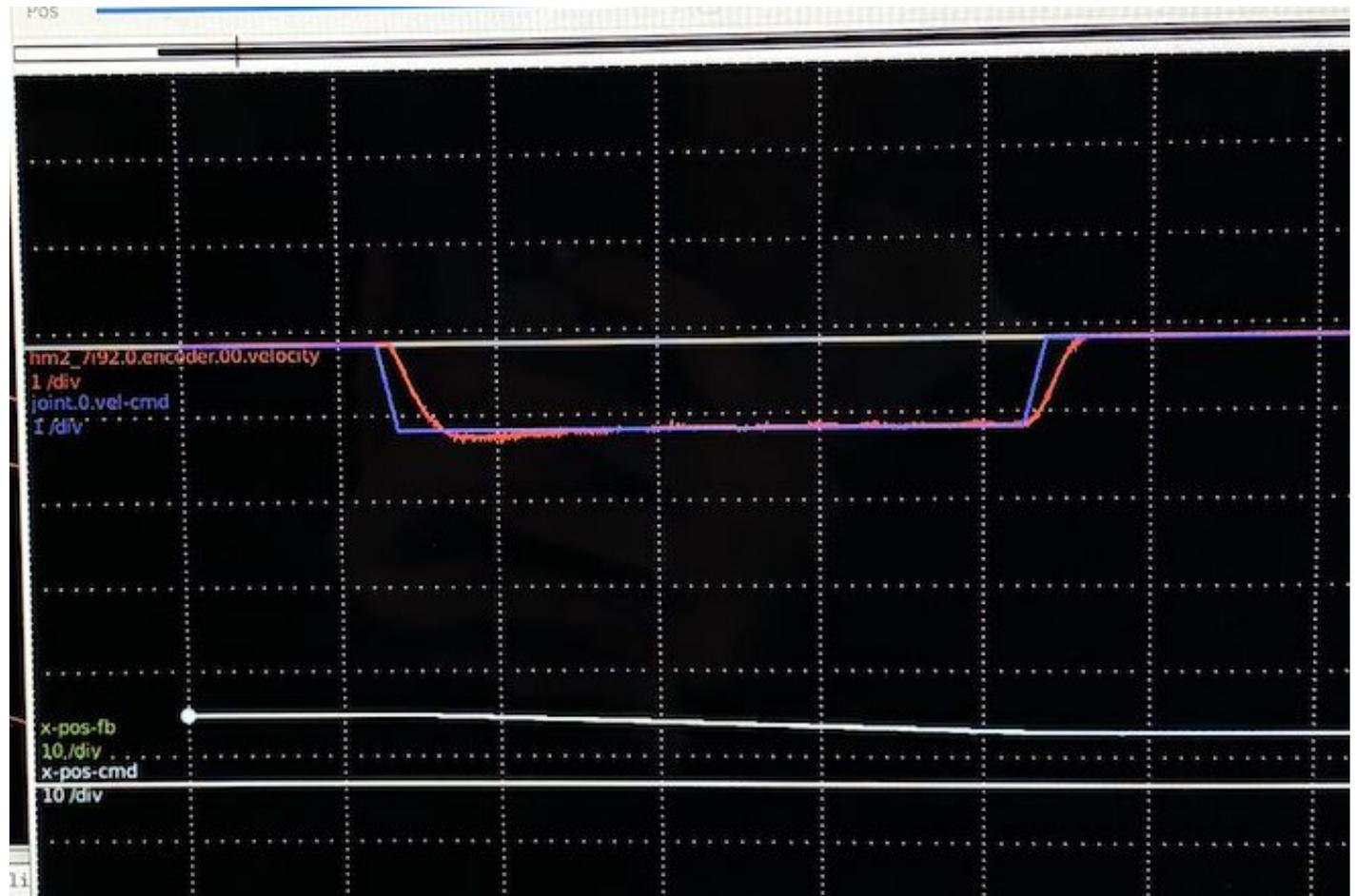
P = 1
D = 0
FF1 = 0.15



$P = 2$

$D = 0.5$

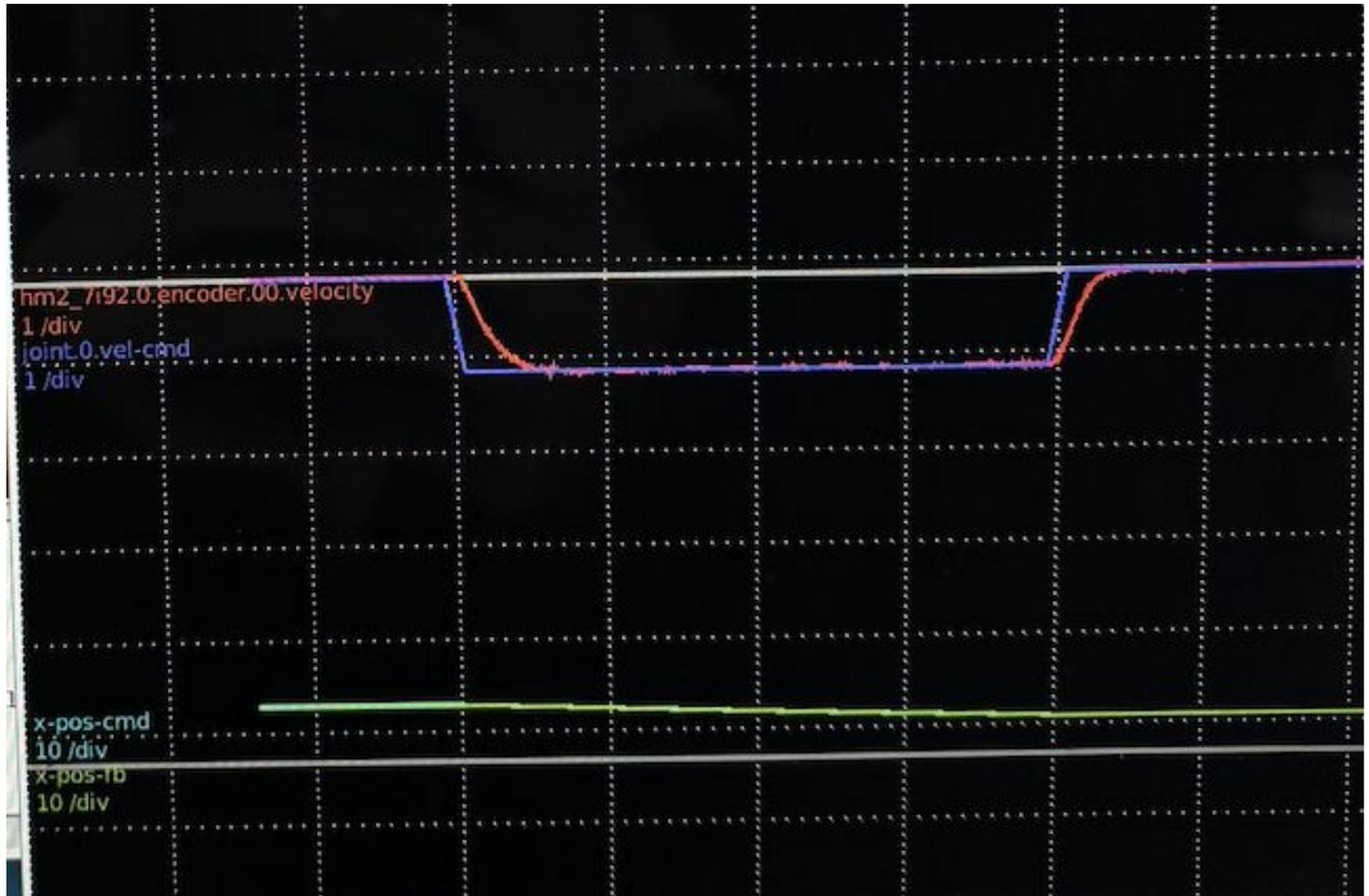
$FF1 = 0.12$



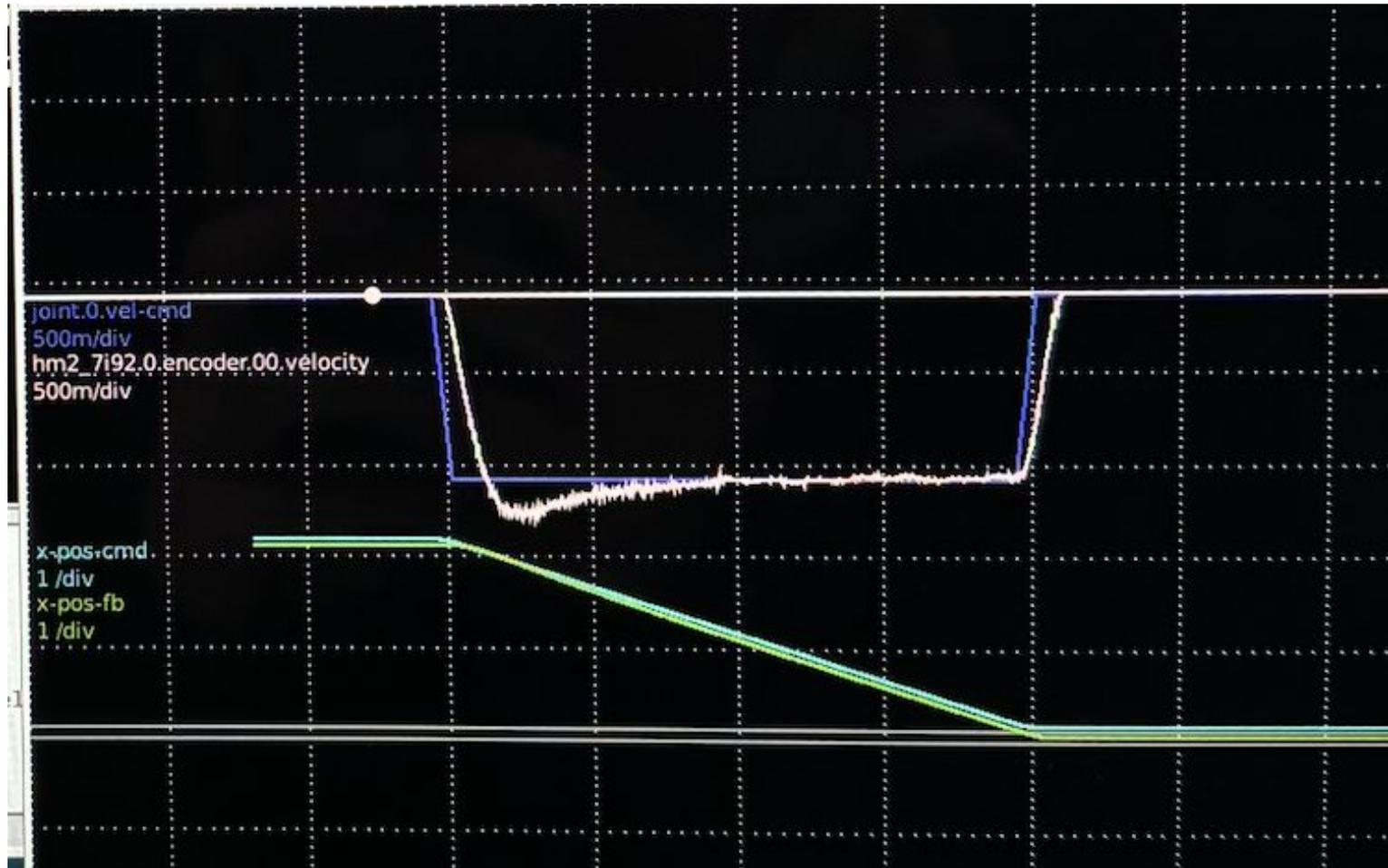
$P = 2$

$D = 0.5$

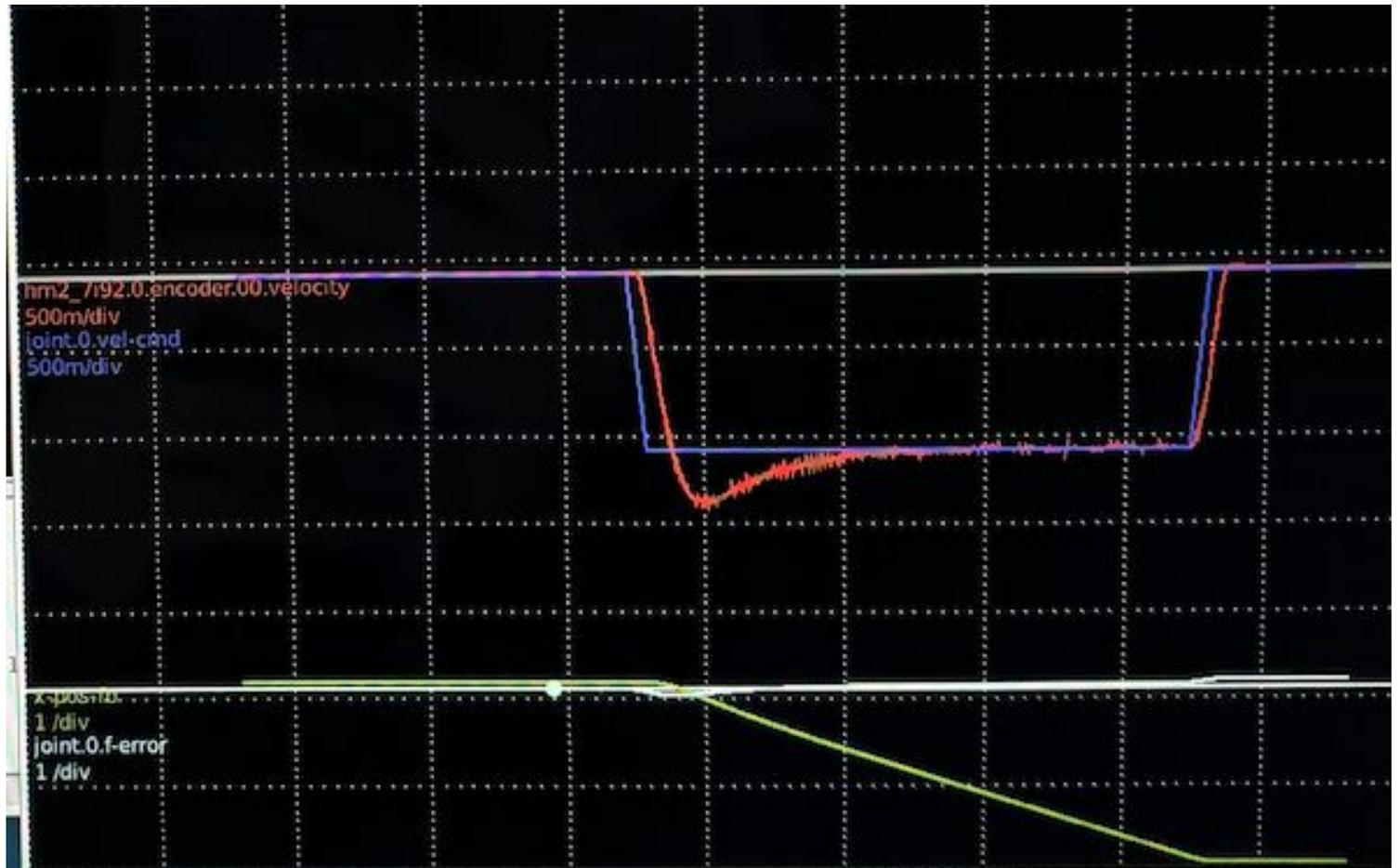
$FF1 = 0.06$



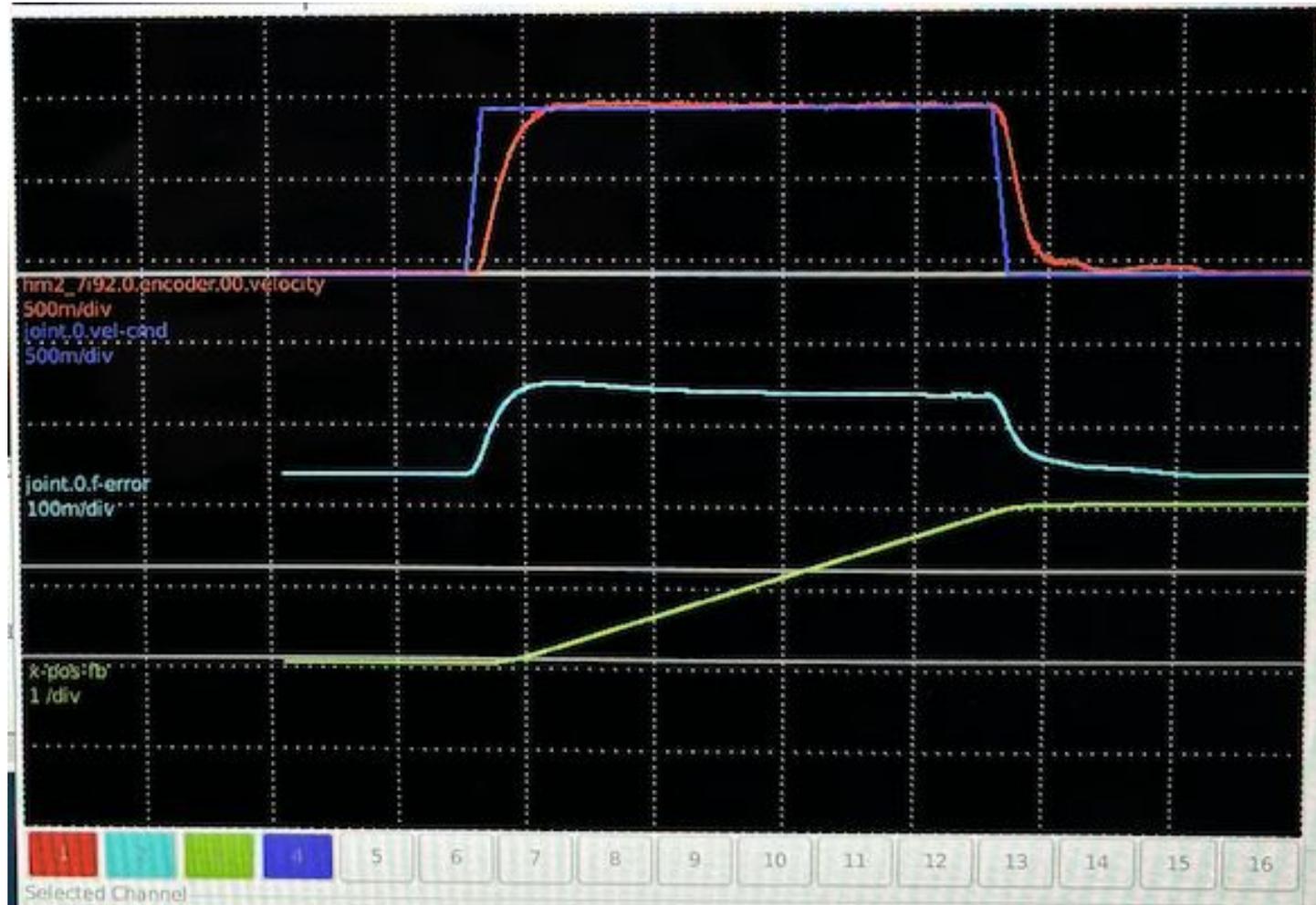
$P = 2$
 $D = 0.5$
 $FF1 = 0.2$



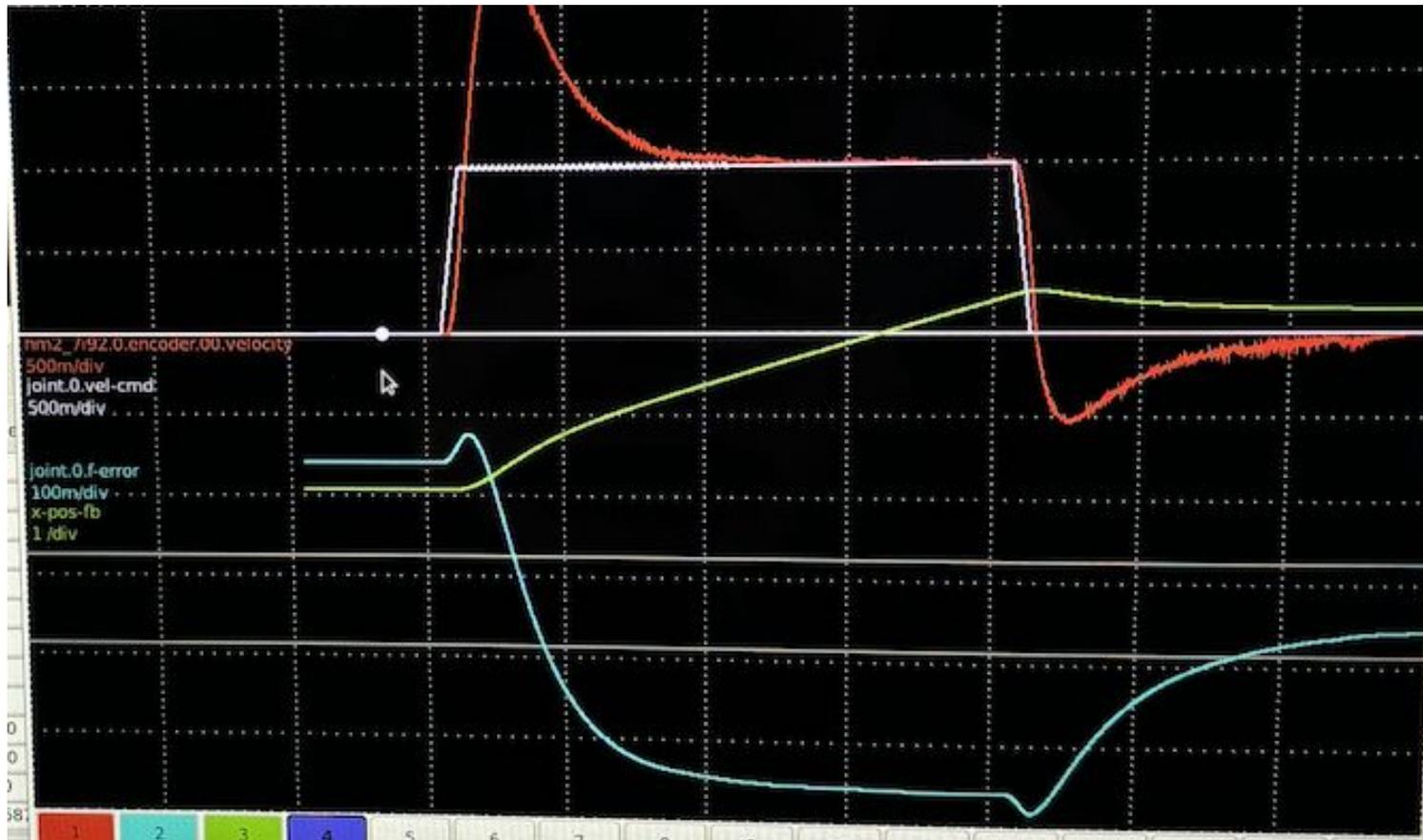
P = 2
D = 0.5
FF1 = 0.4



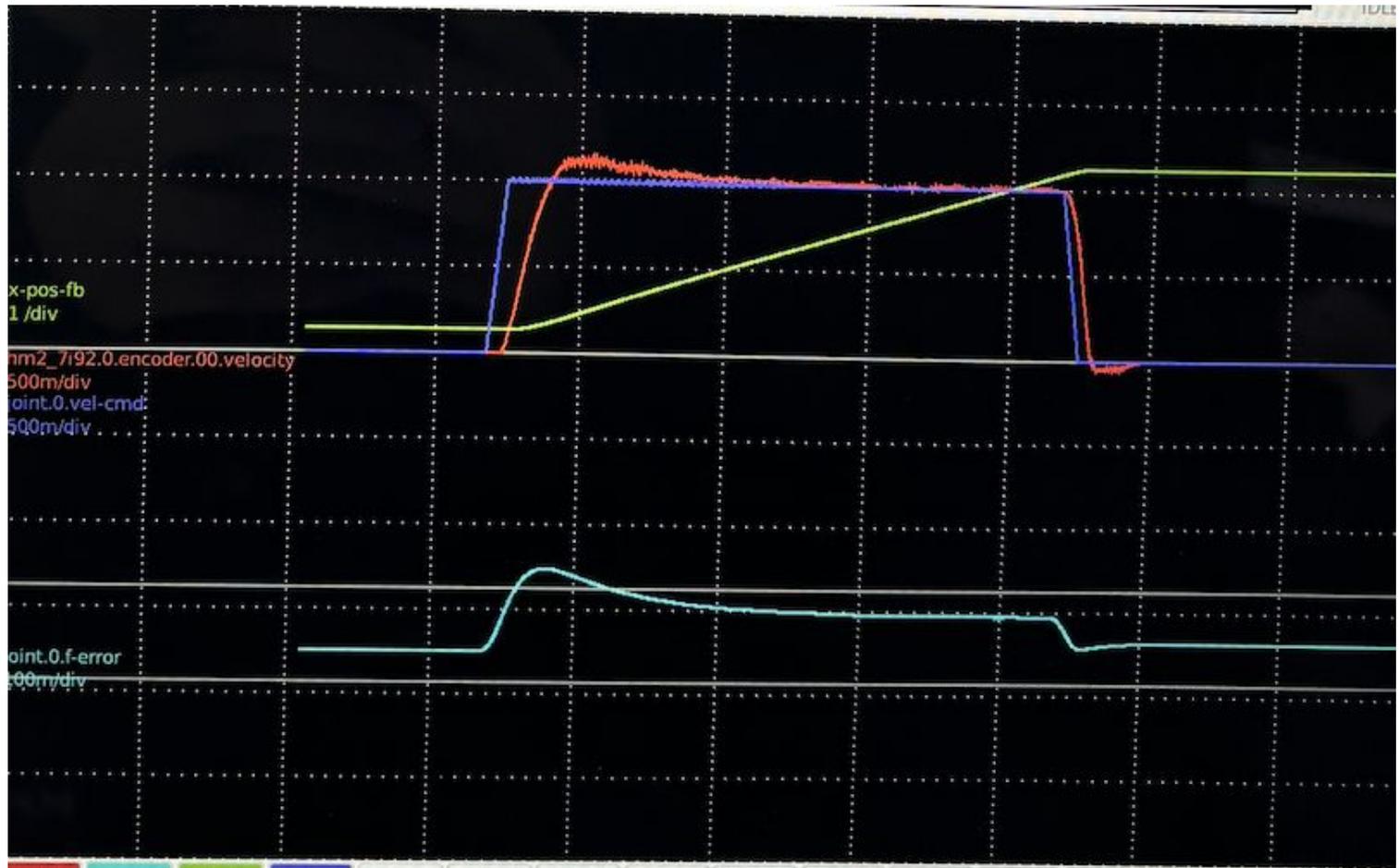
$P = 2$
 $D = 0.5$
 $FF1 = 0$



P = 2
D = 0.5
FF1 = 1.00



P = 2
D = 0.5
FF1 = 0.5



$P = 2$

$D = 0.8$

$FF1 = 0.4$



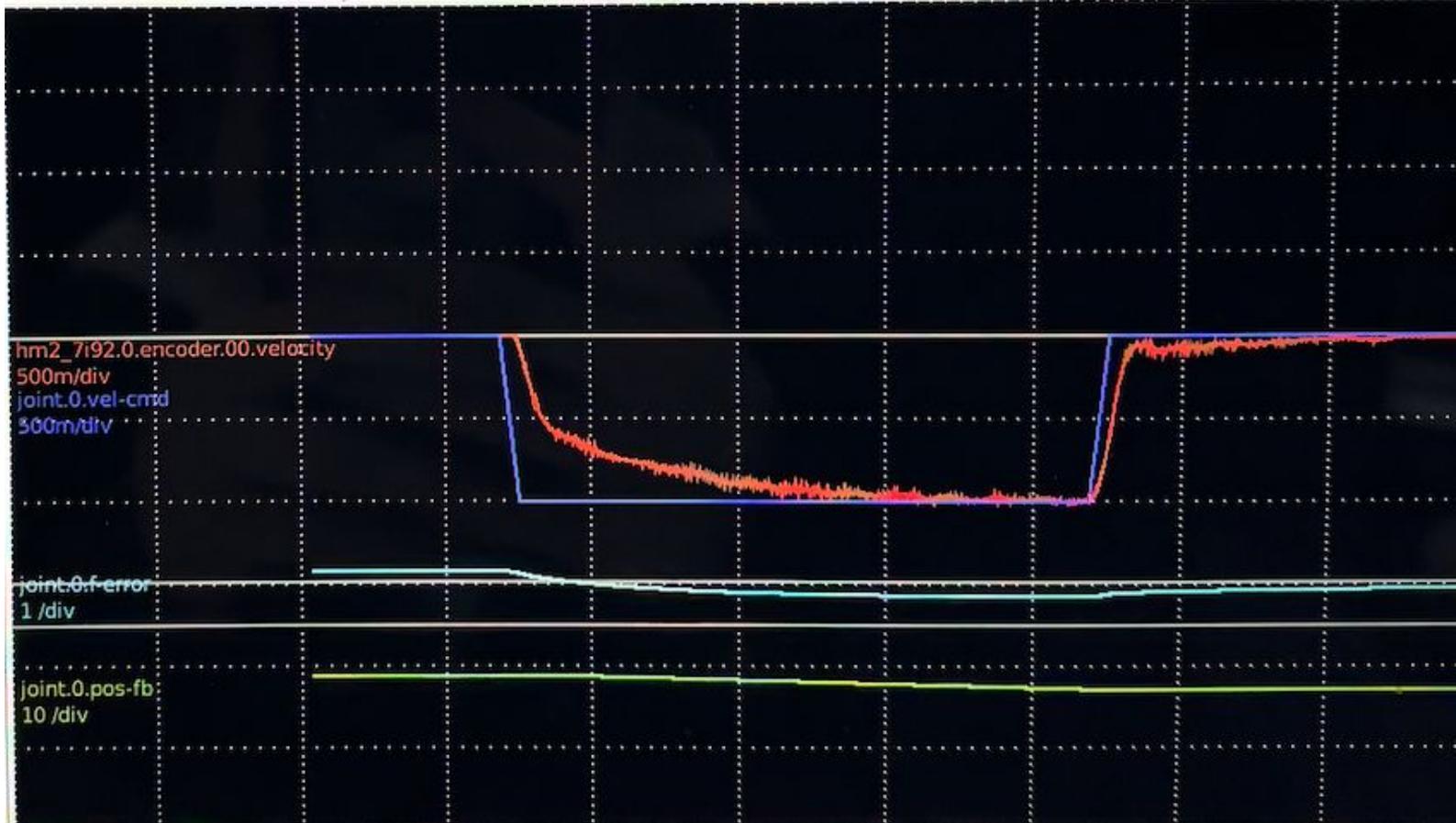
P = 2
D = 2
FF1 = 0



P = 2

D = 1

FF1 = 0



P = 2

D = 4

FF1 = 0.12

