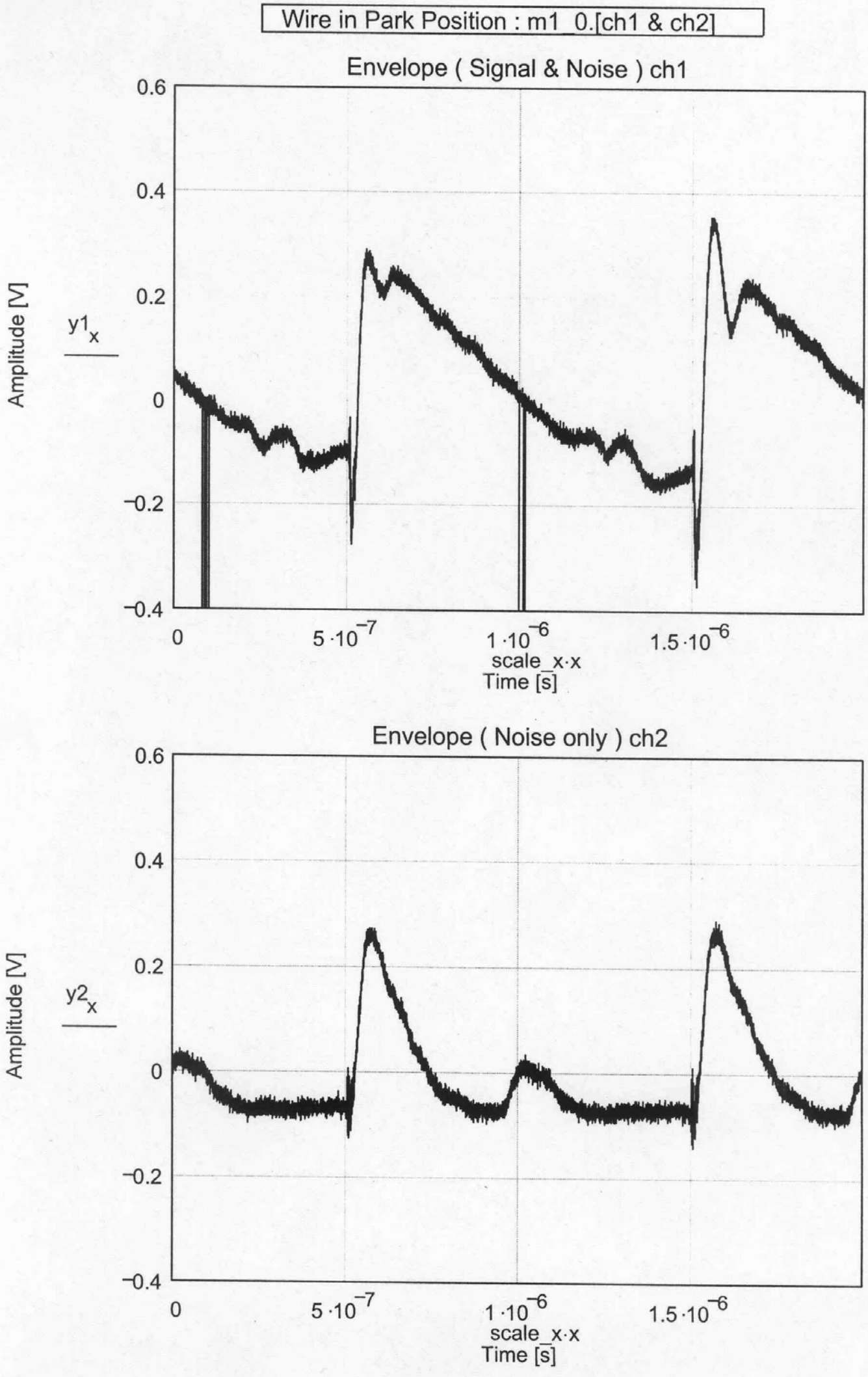
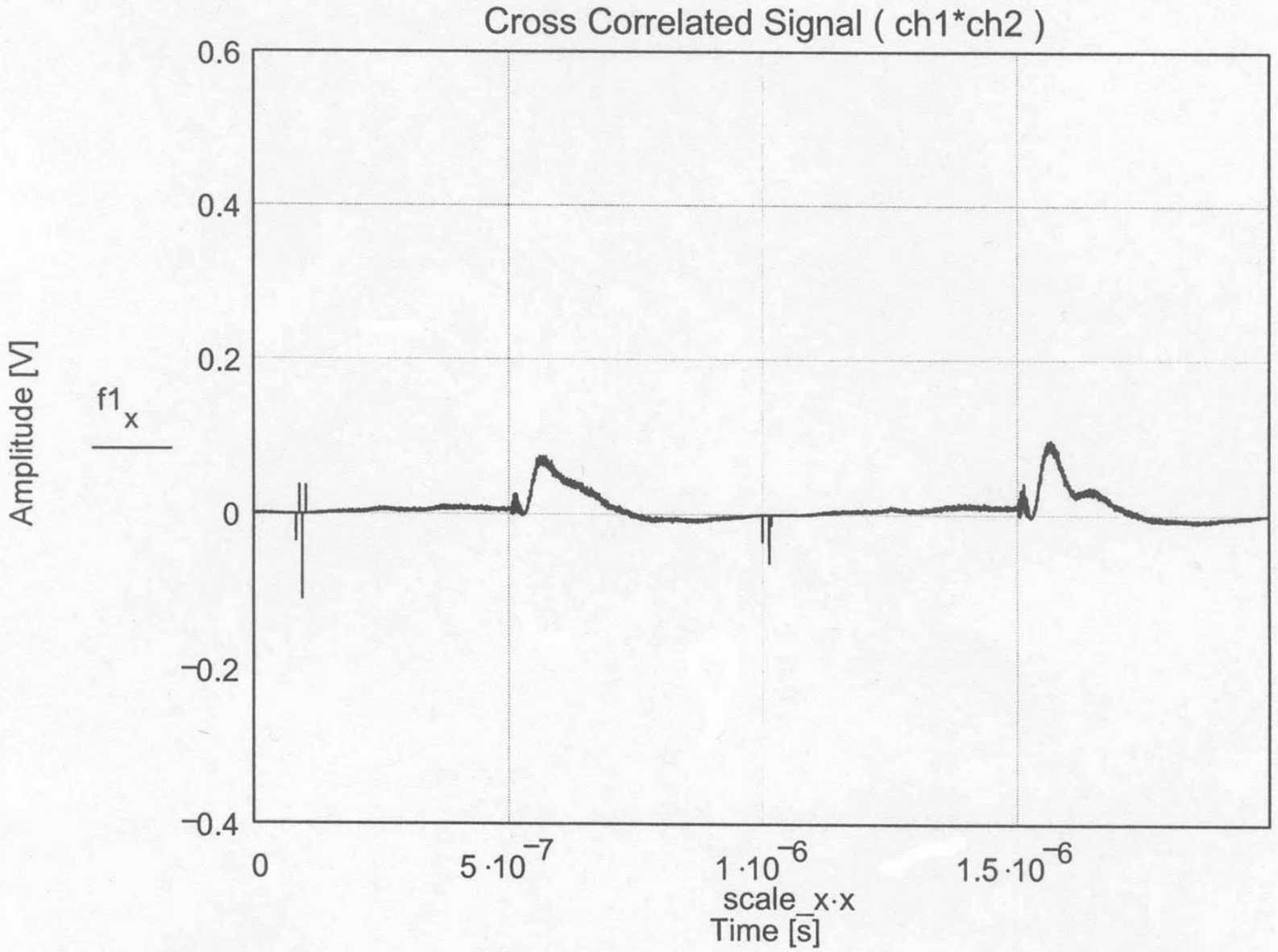
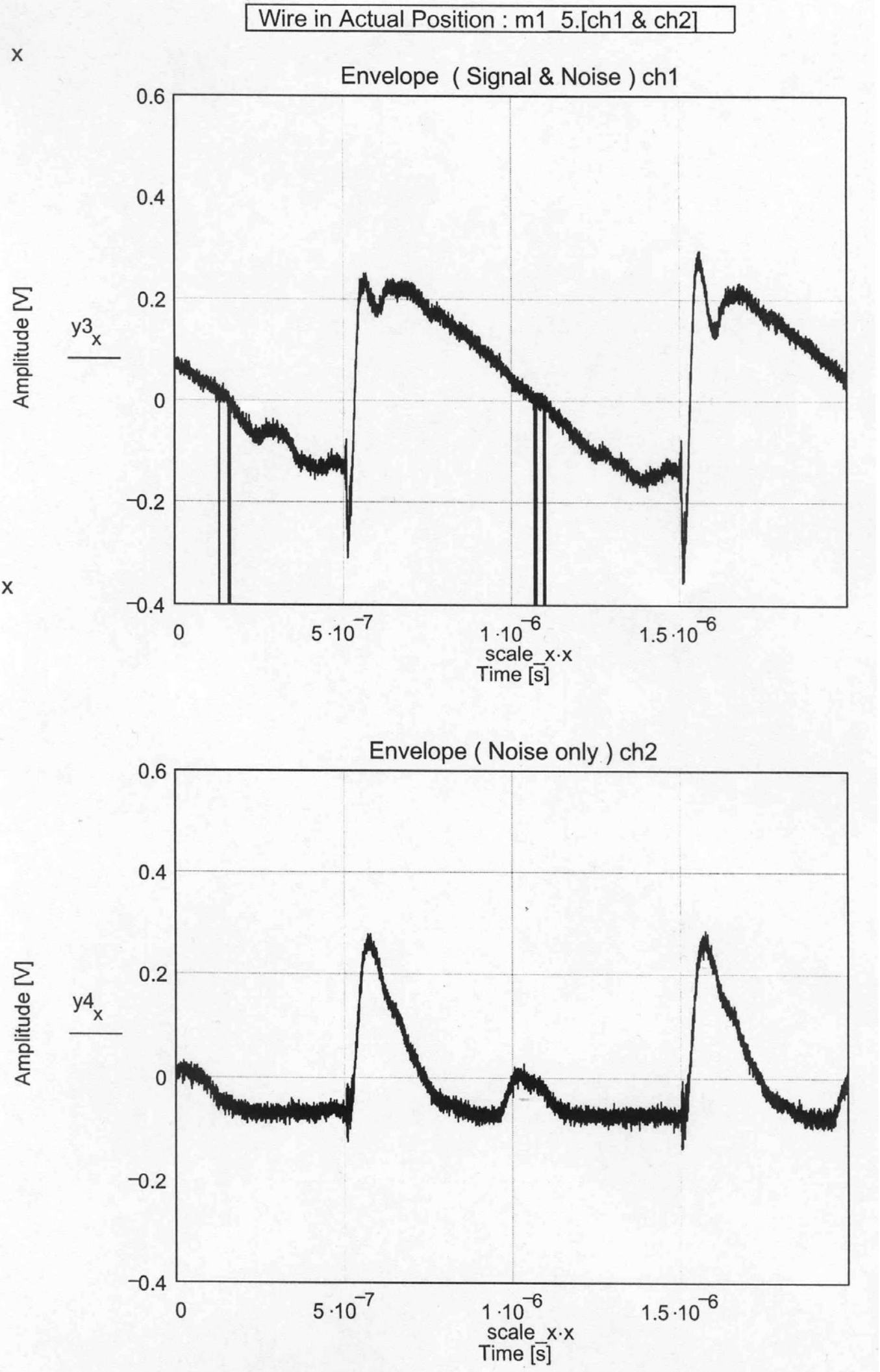

Wire in Park Position : m1_0.[ch1 & ch2]
Envelope (Signal & Noise) ch1
Amplitude [V]
y1x
0.6
0.4
0.2
0
−0.2
−0.4
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]
Envelope (Noise only) ch2
Amplitude [V]
y2x
0.6
0.4
0.2
0
−0.2
−0.4
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]

$f1_x := y1_x \cdot y2_x$

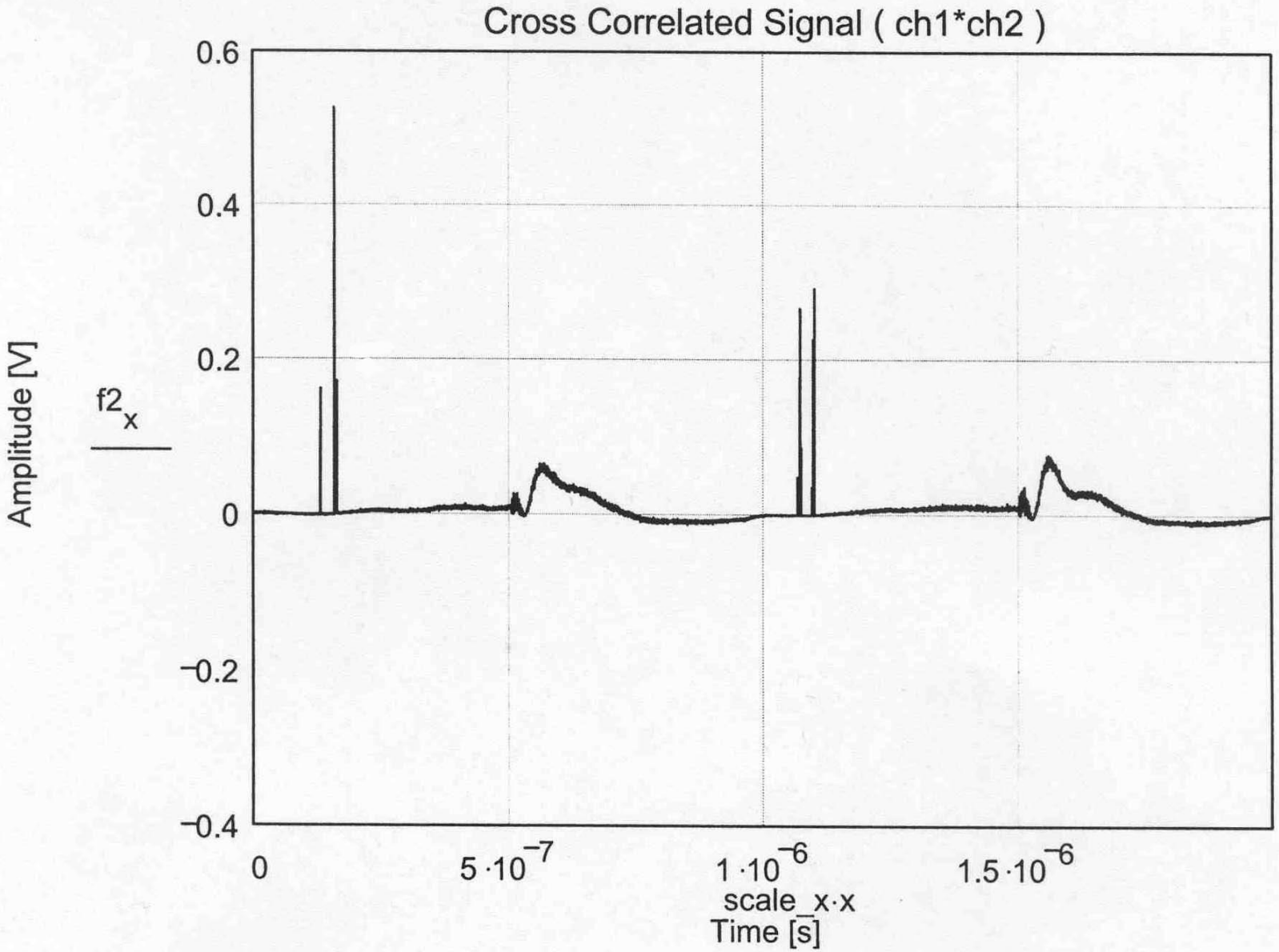
Wire in Park Position : m1_0.[ch1&ch2]




Wire in Actual Position : m1_5.[ch1 & ch2]
x
Envelope (Signal & Noise) ch1
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y3x
x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]
Envelope (Noise only) ch2
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y4x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]

$f2_x := y3_x \cdot y4_x$

Wire in Actual Position : m1_5.[ch1&ch2]

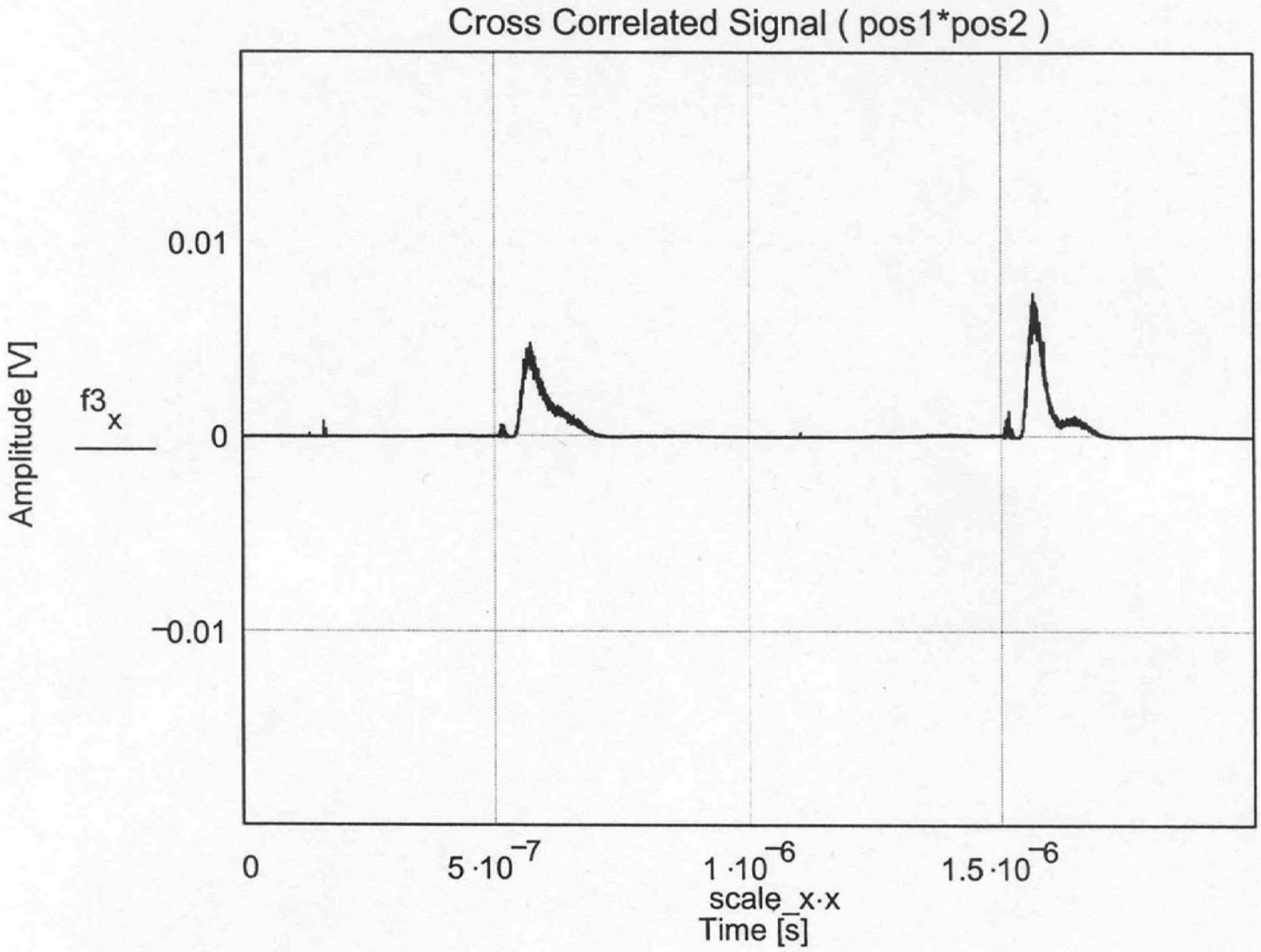


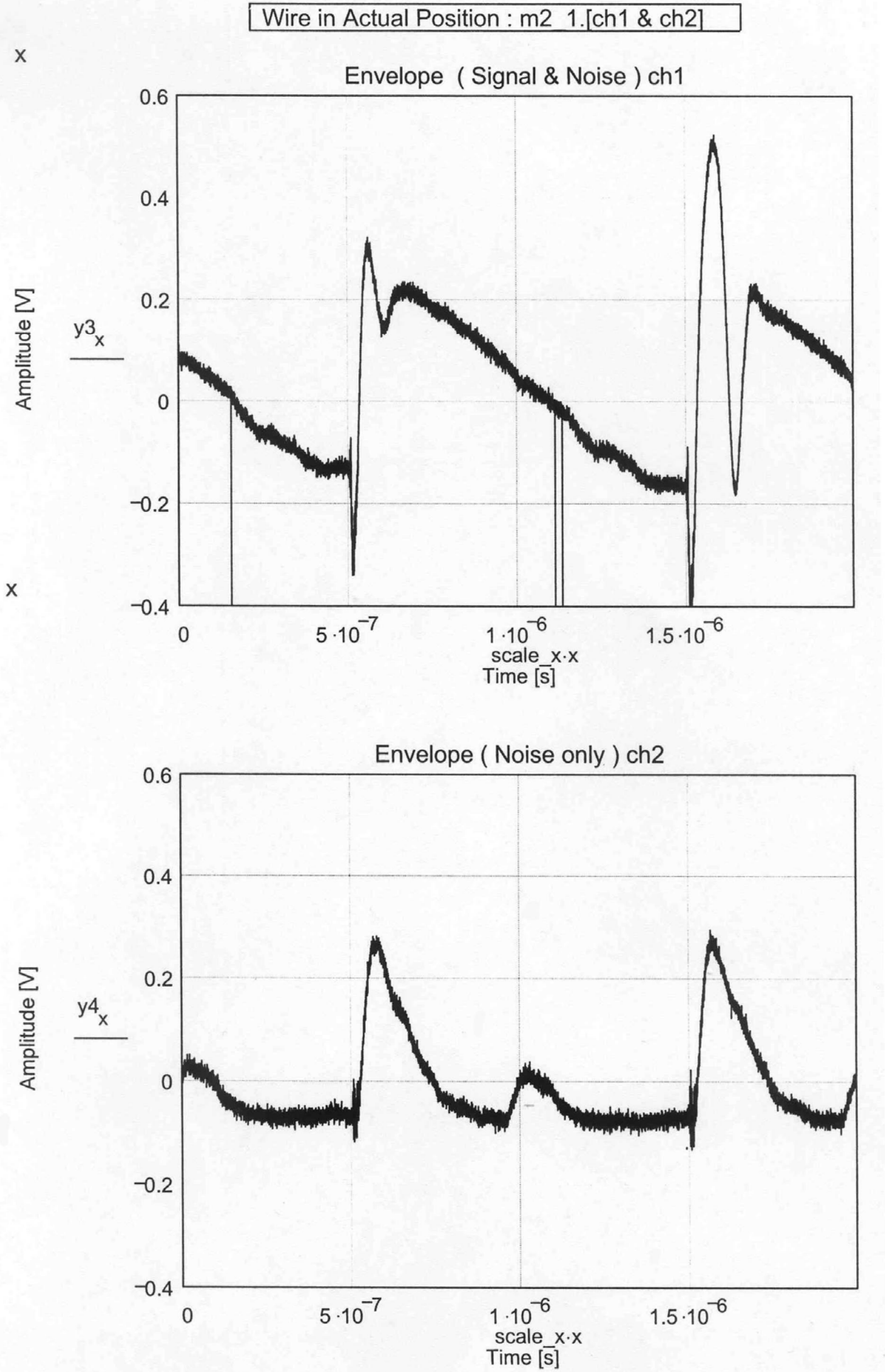
$f3_x := f2_x \cdot f1_x$

MIN_Y := −0.02

MAX_Y := 0.02

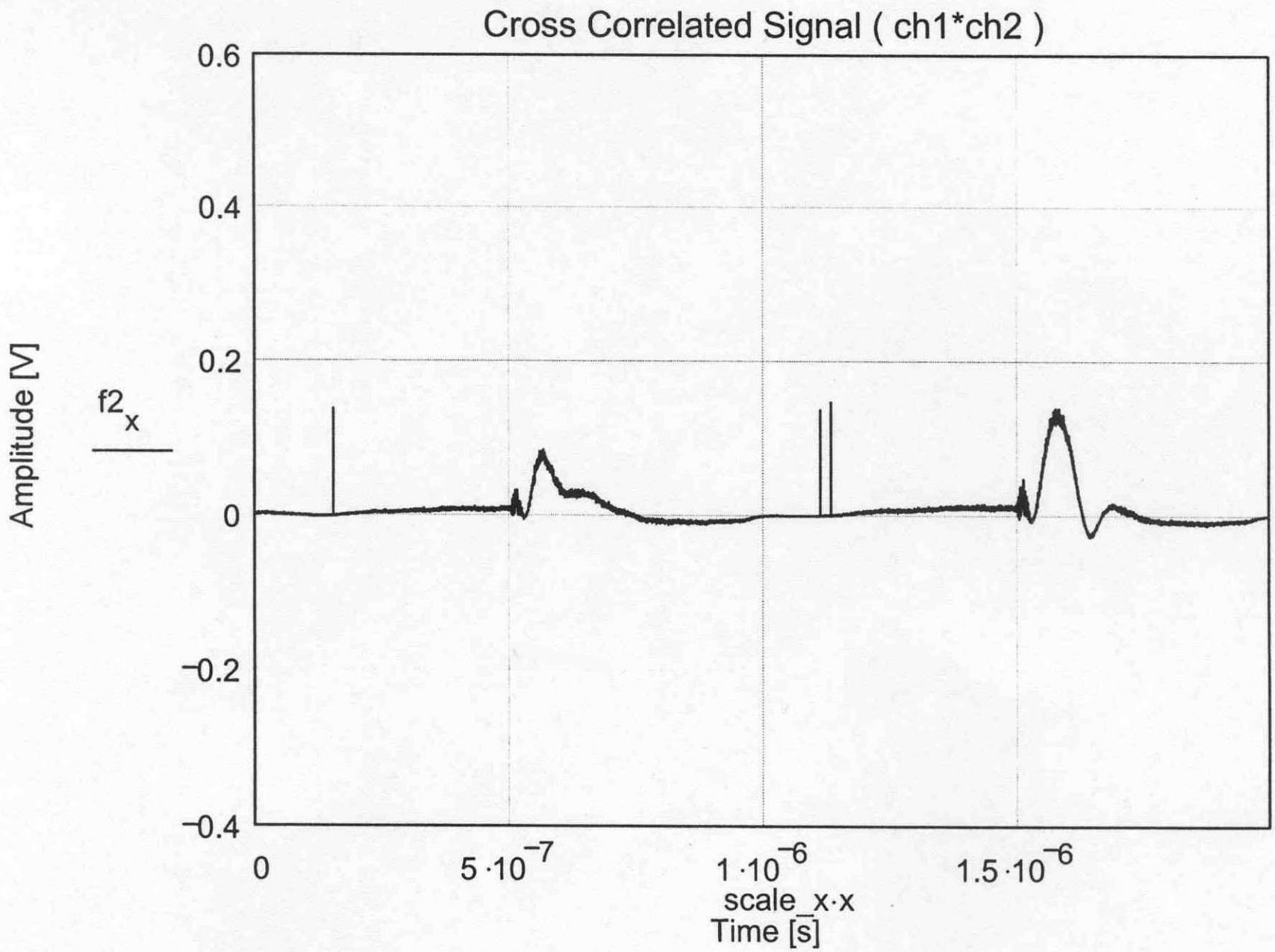
Cross Correlation between
Park &Actual Position




Wire in Actual Position : m2_1.[ch1 & ch2]
x
Envelope (Signal & Noise) ch1
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y3x
x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]
Envelope (Noise only) ch2
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y4x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]

$f2_x := y3_x \cdot y4_x$

Wire in Actual Position : m2_1.[ch1&ch2]

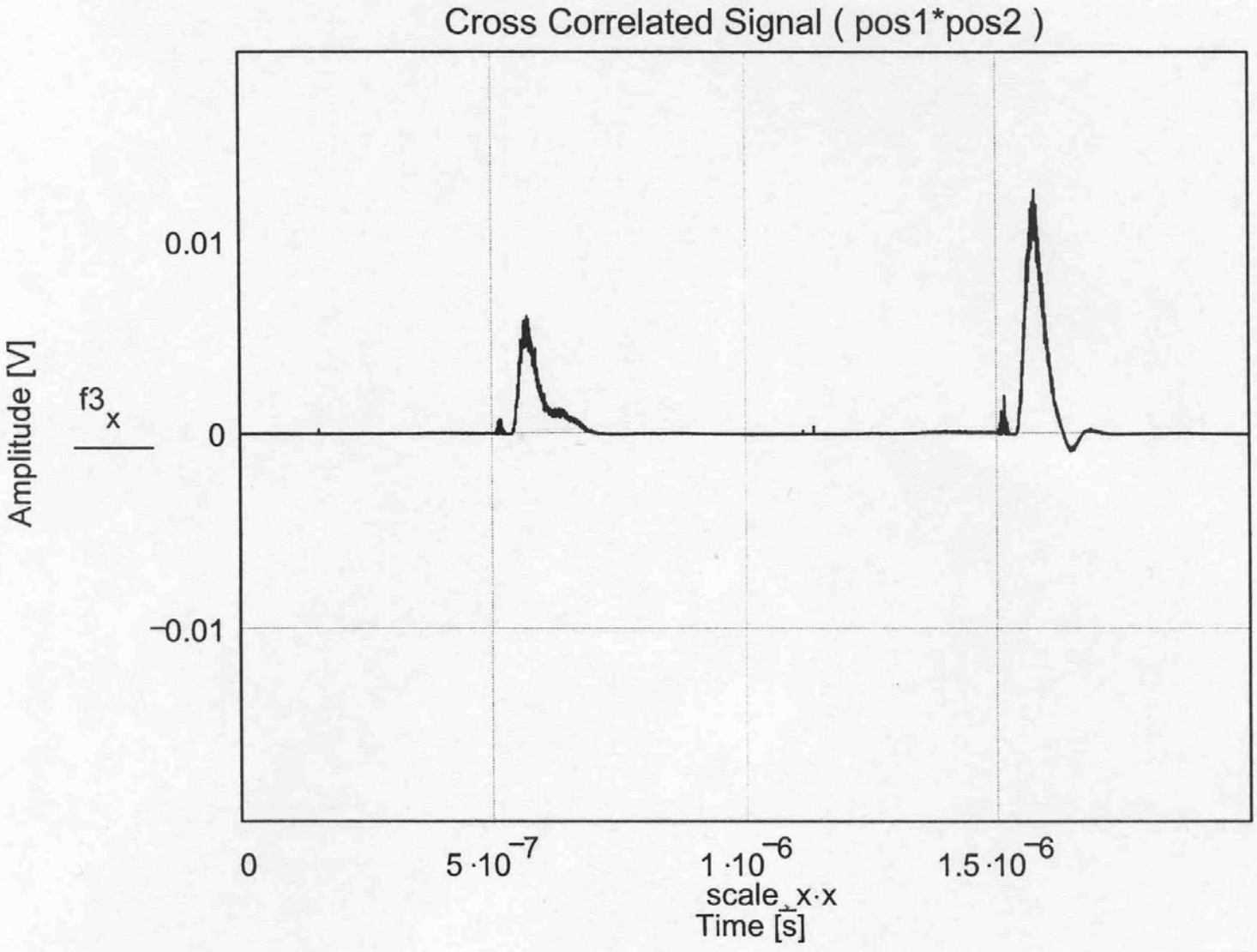


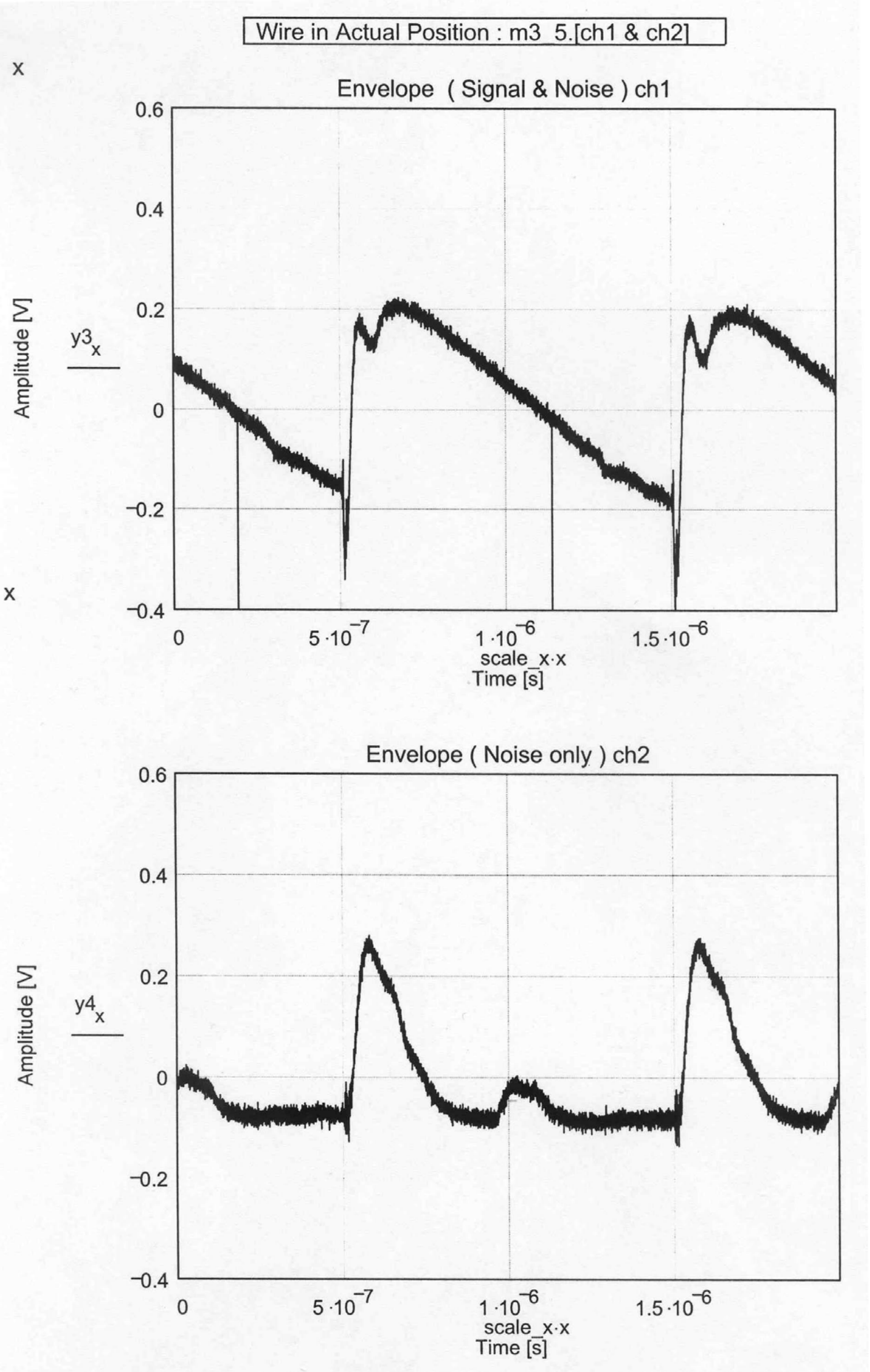
$f3_x := f2_x \cdot f1_x$

Cross Correlation between
Park &Actual Position

MIN_Y := –0.02

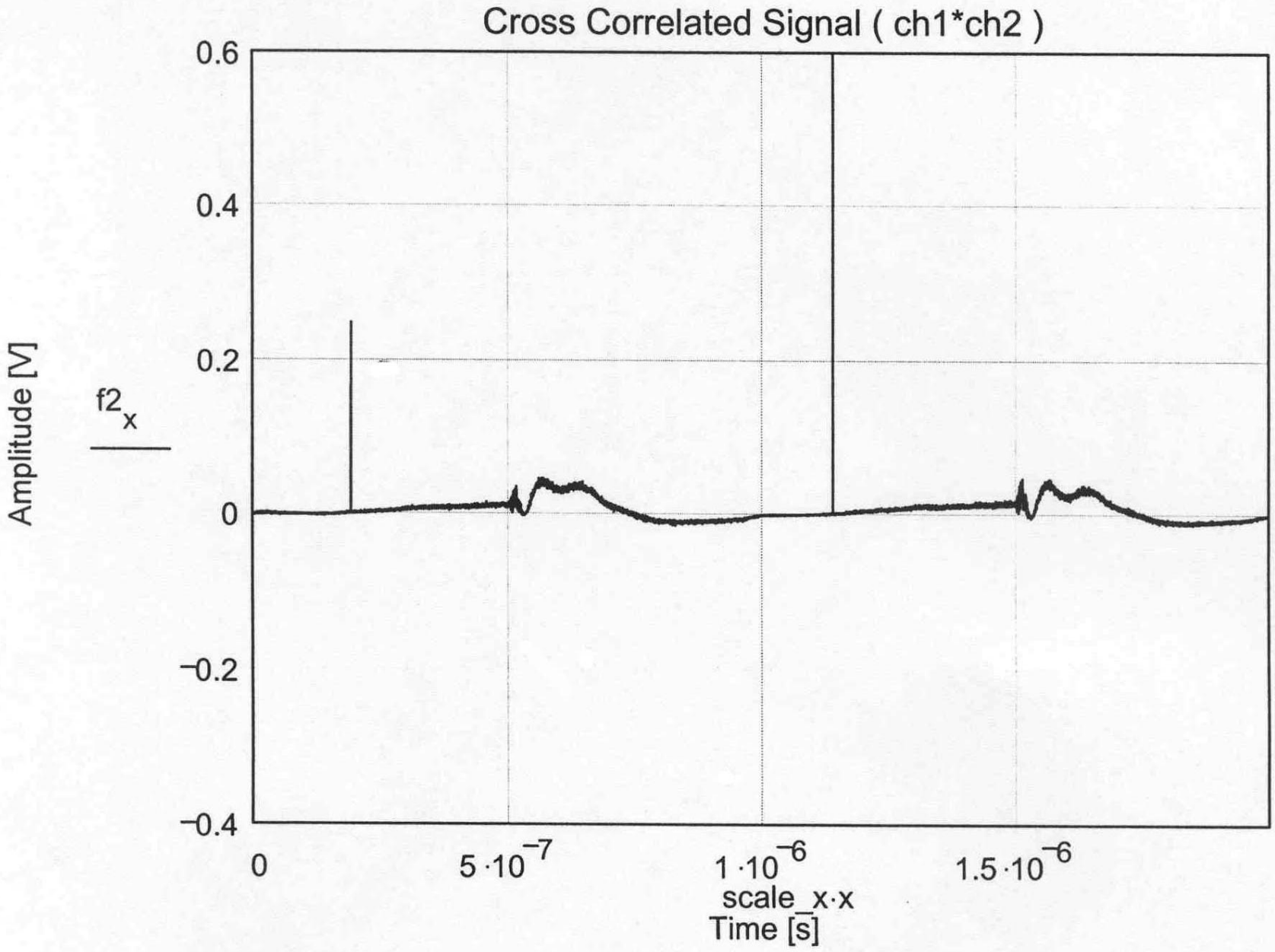
MAX_Y := 0.02




Wire in Actual Position : m3_5.[ch1 & ch2]
x
Envelope (Signal & Noise) ch1
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y3x
x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]
Envelope (Noise only) ch2
0.6
0.4
0.2
0
−0.2
−0.4
Amplitude [V]
y4x
0
5·10−7
1·10−6
1.5·10−6
scale_x·x
Time [s]

$f2_x := y3_x \cdot y4_x$

Wire in Actual Position : m3_5.[ch1&ch2]



$f3_x := f2_x \cdot f1_x$

Cross Correlation between
Park &Actual Position

MIN_Y := −0.02

MAX_Y := 0.02