Experiment 6

Code:
```
set ns [new Simulator]

set file1 [open out.tr w]
$ns trace-all $file1

set file2 [open out.nam w]
$ns namtrace-all $file2

proc finish {} {
        global ns file1 file2
        $ns flush-trace
        close $file1
        close $file2
        exec nam out.nam &
        exit 0
}

set n0 [$ns node]
set n1 [$ns node]

$ns at 0.0 "$n0 label Sender"
$ns at 0.0 "$n1 label Receiver"

$ns duplex-link $n0 $n1 2Mb 100ms DropTail
$ns duplex-link-op $n0 $n1 orient right
$ns queue-limit $n0 $n1 10

set tcp [new Agent/TCP]
$tcp set windowInit_ 6
$tcp set maxcwnd_ 6
$ns attach-agent $n0 $tcp

set sink [new Agent/TCPSink]
$ns attach-agent $n1 $sink
$ns connect $tcp $sink

set ftp [new Application/FTP]
$ftp attach-agent $tcp
$ftp set type_ FTP

$ns at 0.0 "$ftp start"
$ns at 5.0 "finish"

set file [open cwnd_rtt.tr w]
$tcp attach $file
$tcp trace cwnd_
```

$tcp trace rtt_

$ns run

Screenshot: