```
set val(chan)   Channel/WirelessChannel;
set val(prop)   Propagation/TwoRayGround   ;
set val(netif)  Phy/WirelessPhy          ;
set val(mac)    Mac/802_11               ;
set val(ifq)    Queue/DropTail/PriQueue    ;
set val(ll)     LL                       ;
set val(ant)    Antenna/OmniAntenna        ;
set val(ifqlen) 50                       ;
set val(nn)     7                        ;
set val(rp)     DSDV                       ;
set val(x)      933                      ;
set val(y)      585                      ;
set val(stop)   90.0                       ;
set ns [new Simulator]
set topo       [new Topography]
$topo load_flatgrid $val(x) $val(y)
create-god $val(nn)
set tracefile [open 4.tr w]
$ns trace-all $tracefile
set namfile [open 4.nam w]
$ns namtrace-all $namfile
$ns namtrace-all-wireless $namfile $val(x) $val(y)
set chan [new $val(chan)];#Create wireless channel\
$ns node-config -adhocRouting  $val(rp) \
-llType        $val(ll) \
-macType       $val(mac) \
-ifqType       $val(ifq) \
-ifqLen        $val(ifqlen) \
-antType       $val(ant) \
-propType      $val(prop) \
-phyType       $val(netif) \
-channel       $chan \
-topoInstance  $topo \
-agentTrace    ON \
-routerTrace   ON \
-macTrace      ON \
-movementTrace ON
set n0 [$ns node]
$n0 set X_ 201
$n0 set Y_ 301
$n0 set Z_ 0.0
$ns initial_node_pos $n0 20
set n1 [$ns node]
$n1 set X_ 398
$n1 set Y_ 300
$n1 set Z_ 0.0
$ns initial_node_pos $n1 20
set n2 [$ns node]
$n2 set X_ 68
$n2 set Y_ 429
$n2 set Z_ 0.0
$ns initial_node_pos $n2 20
set n3 [$ns node]
$n3 set X_ 50
$n3 set Y_ 130
$n3 set Z_ 0.0
$ns initial_node_pos $n3 20
set n4 [$ns node]
$n4 set X_ 646
$n4 set Y_ 302
$n4 set Z_ 0.0
$ns initial_node_pos $n4 20
set n5 [$ns node]
$n5 set X_ 770
$n5 set Y_ 485
$n5 set Z_ 0.0
$ns initial_node_pos $n5 20
set n6 [$ns node]
$n6 set X_ 833
$n6 set Y_ 161
$n6 set Z_ 0.0
$ns initial_node_pos $n6 20
set udp0 [new Agent/UDP]
$ns attach-agent $n5 $udp0
set null1 [new Agent/Null]
$ns attach-agent $n3 $null1
$ns connect$udp0 $null1
$udp0 set packetSize_ 1500
set cbr0 [new Application/Traffic/CBR]
$cbr0 attach-agent $udp0
$cbr0 set packetSize_ 1000
$cbr0 set rate_ 0.05Mb
$cbr0 set random_ null
$ns at 1.0 "$cbr0 start"
$ns at 50.0 "$n3 setdest 50 50 10"
$ns at 60.0 "$n3 setdest 700 150 10"
$ns at 100.0 "$cbr0 stop"
proc finish {} {
global ns tracefile namfile
$ns flush-trace
close $tracefile
close $namfile
exec nam 4.nam &
exit 0
}
for {set i 0} {$i < $val(nn) } { incr i } {
$ns at $val(stop) "\$n$i reset"
}
$ns at $val(stop) "$ns nam-end-wireless $val(stop)"
$ns at $val(stop) "finish"
$ns at $val(stop) "puts \"done\" ; $ns halt"
$ns run
```