Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9090

pk\_suc: 0.0651

pk\_per: 0.0259

through: 4.7958e+005

energyeff: 1.9605e-007

---------------------------------------------------------------

sim.time is: 2-1-15-44

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9071

pk\_suc: 0.0929

pk\_per: 0

through: 6.7006e+005

energyeff: 1.5297e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9111

pk\_suc: 0.0712

pk\_per: 0.0177

through: 5.4288e+005

energyeff: 1.9233e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9082

pk\_suc: 0.0653

pk\_per: 0.0265

through: 4.8093e+005

energyeff: 1.9406e-007

---------------------------------------------------------------

sim.time is: 2-1-15-45

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9053

pk\_suc: 0.0947

pk\_per: 0

through: 6.8140e+005

energyeff: 1.4995e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9115

pk\_suc: 0.0703

pk\_per: 0.0182

through: 5.3587e+005

energyeff: 1.9475e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9103

pk\_suc: 0.0668

pk\_per: 0.0230

through: 4.8974e+005

energyeff: 1.9423e-007

---------------------------------------------------------------

sim.time is: 2-1-15-45

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9063

pk\_suc: 0.0937

pk\_per: 0

through: 6.7356e+005

energyeff: 1.5166e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9121

pk\_suc: 0.0696

pk\_per: 0.0183

through: 5.2947e+005

energyeff: 1.9671e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9100

pk\_suc: 0.0642

pk\_per: 0.0258

through: 4.7374e+005

energyeff: 1.9852e-007

Simulation AARF: n=23, snr=5, startrate=4, throughput=675852.1794

Simulation ONOE: n=23, snr=5, startrate=4, throughput=539928.5038

Simulation SAMPLE: n=23, snr=5, startrate=4, throughput=539928.5038

---------------------------------------------------------------

sim.time is: 2-1-15-45

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9063

pk\_suc: 0.0937

pk\_per: 0

through: 6.7445e+005

energyeff: 1.5161e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9151

pk\_suc: 0.0807

pk\_per: 0.0042

through: 6.2784e+005

energyeff: 1.6842e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9137

pk\_suc: 0.0768

pk\_per: 0.0096

through: 5.7810e+005

energyeff: 1.6273e-007

---------------------------------------------------------------

sim.time is: 2-1-15-45

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9075

pk\_suc: 0.0925

pk\_per: 0

through: 6.6428e+005

energyeff: 1.5358e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9152

pk\_suc: 0.0809

pk\_per: 0.0038

through: 6.2644e+005

energyeff: 1.6812e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9153

pk\_suc: 0.0775

pk\_per: 0.0072

through: 5.8889e+005

energyeff: 1.5931e-007

---------------------------------------------------------------

sim.time is: 2-1-15-46

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9062

pk\_suc: 0.0938

pk\_per: 0

through: 6.7303e+005

energyeff: 1.5153e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9153

pk\_suc: 0.0809

pk\_per: 0.0038

through: 6.2809e+005

energyeff: 1.6803e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9159

pk\_suc: 0.0762

pk\_per: 0.0079

through: 5.7690e+005

energyeff: 1.6317e-007

---------------------------------------------------------------

sim.time is: 2-1-15-46

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9063

pk\_suc: 0.0937

pk\_per: 0

through: 6.7440e+005

energyeff: 1.5156e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9145

pk\_suc: 0.0818

pk\_per: 0.0037

through: 6.3458e+005

energyeff: 1.6625e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9140

pk\_suc: 0.0782

pk\_per: 0.0077

through: 5.9147e+005

energyeff: 1.5795e-007

Simulation AARF: n=23, snr=10, startrate=4, throughput=671537.219

Simulation ONOE: n=23, snr=10, startrate=4, throughput=629238.4004

Simulation SAMPLE: n=23, snr=10, startrate=4, throughput=629238.4004

---------------------------------------------------------------

sim.time is: 2-1-15-46

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9066

pk\_suc: 0.0934

pk\_per: 0

through: 6.7395e+005

energyeff: 1.5202e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9163

pk\_suc: 0.0825

pk\_per: 0.0012

through: 6.4269e+005

energyeff: 1.6434e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9153

pk\_suc: 0.0796

pk\_per: 0.0051

through: 6.1276e+005

energyeff: 1.4958e-007

---------------------------------------------------------------

sim.time is: 2-1-15-46

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9070

pk\_suc: 0.0930

pk\_per: 0

through: 6.6870e+005

energyeff: 1.5267e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9168

pk\_suc: 0.0819

pk\_per: 0.0013

through: 6.3957e+005

energyeff: 1.6562e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9163

pk\_suc: 0.0801

pk\_per: 0.0037

through: 6.1167e+005

energyeff: 1.5167e-007

---------------------------------------------------------------

sim.time is: 2-1-15-47

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9064

pk\_suc: 0.0936

pk\_per: 0

through: 6.7352e+005

energyeff: 1.5183e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9184

pk\_suc: 0.0808

pk\_per: 8.7560e-004

through: 6.3021e+005

energyeff: 1.6813e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9163

pk\_suc: 0.0788

pk\_per: 0.0049

through: 6.0412e+005

energyeff: 1.5141e-007

---------------------------------------------------------------

sim.time is: 2-1-15-47

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9057

pk\_suc: 0.0943

pk\_per: 0

through: 6.7638e+005

energyeff: 1.5068e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9157

pk\_suc: 0.0832

pk\_per: 0.0011

through: 6.4771e+005

energyeff: 1.6288e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9158

pk\_suc: 0.0805

pk\_per: 0.0037

through: 6.1497e+005

energyeff: 1.5060e-007

Simulation AARF: n=23, snr=15, startrate=4, throughput=673136.8626

Simulation ONOE: n=23, snr=15, startrate=4, throughput=640046.2638

Simulation SAMPLE: n=23, snr=15, startrate=4, throughput=640046.2638

---------------------------------------------------------------

sim.time is: 2-1-15-47

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9079

pk\_suc: 0.0921

pk\_per: 0

through: 6.6256e+005

energyeff: 1.5426e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9161

pk\_suc: 0.0837

pk\_per: 1.9186e-004

through: 6.5481e+005

energyeff: 1.6174e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9166

pk\_suc: 0.0820

pk\_per: 0.0014

through: 6.3328e+005

energyeff: 1.4399e-007

---------------------------------------------------------------

sim.time is: 2-1-15-47

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9076

pk\_suc: 0.0924

pk\_per: 0

through: 6.6611e+005

energyeff: 1.5371e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9158

pk\_suc: 0.0841

pk\_per: 1.4025e-004

through: 6.5590e+005

energyeff: 1.6109e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9162

pk\_suc: 0.0819

pk\_per: 0.0020

through: 6.3410e+005

energyeff: 1.4368e-007

---------------------------------------------------------------

sim.time is: 2-1-15-47

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9066

pk\_suc: 0.0934

pk\_per: 0

through: 6.7187e+005

energyeff: 1.5212e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9152

pk\_suc: 0.0846

pk\_per: 2.2931e-004

through: 6.6048e+005

energyeff: 1.5987e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9159

pk\_suc: 0.0825

pk\_per: 0.0017

through: 6.4034e+005

energyeff: 1.4049e-007

---------------------------------------------------------------

sim.time is: 2-1-15-48

number of packets to be simulated: 4796

---------------------------------------------------------------

Simulation AARF: n=23, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9068

pk\_suc: 0.0932

pk\_per: 0

through: 6.6806e+005

energyeff: 1.5252e-007

---------------------------------------------------------------

Simulation ONOE: n=23, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9159

pk\_suc: 0.0838

pk\_per: 2.2723e-004

through: 6.5355e+005

energyeff: 1.6154e-007

---------------------------------------------------------------

Simulation Sample: n=23, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9159

pk\_suc: 0.0824

pk\_per: 0.0017

through: 6.4295e+005

energyeff: 1.4007e-007

Simulation AARF: n=23, snr=20, startrate=4, throughput=667150.0377

Simulation ONOE: n=23, snr=20, startrate=4, throughput=656183.8401

Simulation SAMPLE: n=23, snr=20, startrate=4, throughput=656183.8401

---------------------------------------------------------------

sim.time is: 2-1-15-48

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9149

pk\_suc: 0.0851

pk\_per: 0

through: 6.2757e+005

energyeff: 1.6690e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9163

pk\_suc: 0.0670

pk\_per: 0.0167

through: 5.2060e+005

energyeff: 2.0467e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9170

pk\_suc: 0.0601

pk\_per: 0.0229

through: 4.5183e+005

energyeff: 2.1557e-007

---------------------------------------------------------------

sim.time is: 2-1-15-48

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9132

pk\_suc: 0.0868

pk\_per: 0

through: 6.4115e+005

energyeff: 1.6368e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9173

pk\_suc: 0.0665

pk\_per: 0.0162

through: 5.1701e+005

energyeff: 2.0652e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9167

pk\_suc: 0.0608

pk\_per: 0.0224

through: 4.5662e+005

energyeff: 2.1331e-007

---------------------------------------------------------------

sim.time is: 2-1-15-49

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9136

pk\_suc: 0.0864

pk\_per: 0

through: 6.3814e+005

energyeff: 1.6440e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9175

pk\_suc: 0.0660

pk\_per: 0.0166

through: 5.1383e+005

energyeff: 2.0819e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9153

pk\_suc: 0.0609

pk\_per: 0.0238

through: 4.5711e+005

energyeff: 2.1047e-007

---------------------------------------------------------------

sim.time is: 2-1-15-49

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9151

pk\_suc: 0.0849

pk\_per: 0

through: 6.2727e+005

energyeff: 1.6725e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9194

pk\_suc: 0.0649

pk\_per: 0.0157

through: 5.0650e+005

energyeff: 2.1139e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9169

pk\_suc: 0.0613

pk\_per: 0.0218

through: 4.6077e+005

energyeff: 2.1003e-007

Simulation AARF: n=24, snr=5, startrate=4, throughput=633536.0014

Simulation ONOE: n=24, snr=5, startrate=4, throughput=514485.9468

Simulation SAMPLE: n=24, snr=5, startrate=4, throughput=514485.9468

---------------------------------------------------------------

sim.time is: 2-1-15-49

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9142

pk\_suc: 0.0858

pk\_per: 0

through: 6.3356e+005

energyeff: 1.6547e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9220

pk\_suc: 0.0746

pk\_per: 0.0034

through: 5.9376e+005

energyeff: 1.8277e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9213

pk\_suc: 0.0710

pk\_per: 0.0077

through: 5.4810e+005

energyeff: 1.7633e-007

---------------------------------------------------------------

sim.time is: 2-1-15-49

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9127

pk\_suc: 0.0873

pk\_per: 0

through: 6.4348e+005

energyeff: 1.6276e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9216

pk\_suc: 0.0752

pk\_per: 0.0032

through: 5.9584e+005

energyeff: 1.8126e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9209

pk\_suc: 0.0716

pk\_per: 0.0075

through: 5.5071e+005

energyeff: 1.7551e-007

---------------------------------------------------------------

sim.time is: 2-1-15-50

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9155

pk\_suc: 0.0845

pk\_per: 0

through: 6.2415e+005

energyeff: 1.6806e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9212

pk\_suc: 0.0754

pk\_per: 0.0033

through: 5.9902e+005

energyeff: 1.8077e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9206

pk\_suc: 0.0717

pk\_per: 0.0077

through: 5.5262e+005

energyeff: 1.7502e-007

---------------------------------------------------------------

sim.time is: 2-1-15-50

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9157

pk\_suc: 0.0843

pk\_per: 0

through: 6.2202e+005

energyeff: 1.6842e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9226

pk\_suc: 0.0744

pk\_per: 0.0030

through: 5.9204e+005

energyeff: 1.8334e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9210

pk\_suc: 0.0713

pk\_per: 0.0077

through: 5.4660e+005

energyeff: 1.7650e-007

Simulation AARF: n=24, snr=10, startrate=4, throughput=630802.8357

Simulation ONOE: n=24, snr=10, startrate=4, throughput=595166.7816

Simulation SAMPLE: n=24, snr=10, startrate=4, throughput=595166.7816

---------------------------------------------------------------

sim.time is: 2-1-15-50

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9141

pk\_suc: 0.0859

pk\_per: 0

through: 6.3279e+005

energyeff: 1.6529e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9213

pk\_suc: 0.0779

pk\_per: 8.2639e-004

through: 6.2068e+005

energyeff: 1.7461e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9227

pk\_suc: 0.0736

pk\_per: 0.0036

through: 5.7496e+005

energyeff: 1.6592e-007

---------------------------------------------------------------

sim.time is: 2-1-15-51

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9154

pk\_suc: 0.0846

pk\_per: 0

through: 6.2479e+005

energyeff: 1.6786e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9233

pk\_suc: 0.0760

pk\_per: 7.4445e-004

through: 6.0641e+005

energyeff: 1.7909e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9225

pk\_suc: 0.0735

pk\_per: 0.0040

through: 5.6945e+005

energyeff: 1.6666e-007

---------------------------------------------------------------

sim.time is: 2-1-15-51

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9152

pk\_suc: 0.0848

pk\_per: 0

through: 6.2685e+005

energyeff: 1.6761e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9234

pk\_suc: 0.0758

pk\_per: 8.3488e-004

through: 6.0345e+005

energyeff: 1.7963e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9219

pk\_suc: 0.0731

pk\_per: 0.0050

through: 5.7349e+005

energyeff: 1.6394e-007

---------------------------------------------------------------

sim.time is: 2-1-15-51

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9129

pk\_suc: 0.0871

pk\_per: 0

through: 6.4238e+005

energyeff: 1.6301e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9239

pk\_suc: 0.0754

pk\_per: 7.8440e-004

through: 5.9848e+005

energyeff: 1.8066e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9219

pk\_suc: 0.0728

pk\_per: 0.0052

through: 5.7148e+005

energyeff: 1.6393e-007

Simulation AARF: n=24, snr=15, startrate=4, throughput=631704.812

Simulation ONOE: n=24, snr=15, startrate=4, throughput=607255.6931

Simulation SAMPLE: n=24, snr=15, startrate=4, throughput=607255.6931

---------------------------------------------------------------

sim.time is: 2-1-15-51

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9145

pk\_suc: 0.0855

pk\_per: 0

through: 6.3136e+005

energyeff: 1.6612e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9227

pk\_suc: 0.0772

pk\_per: 1.2597e-004

through: 6.1476e+005

energyeff: 1.7622e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9228

pk\_suc: 0.0757

pk\_per: 0.0015

through: 5.9504e+005

energyeff: 1.5668e-007

---------------------------------------------------------------

sim.time is: 2-1-15-52

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9147

pk\_suc: 0.0853

pk\_per: 0

through: 6.2940e+005

energyeff: 1.6647e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9225

pk\_suc: 0.0775

pk\_per: 6.3240e-005

through: 6.1867e+005

energyeff: 1.7529e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9235

pk\_suc: 0.0751

pk\_per: 0.0013

through: 5.8997e+005

energyeff: 1.6001e-007

---------------------------------------------------------------

sim.time is: 2-1-15-52

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9161

pk\_suc: 0.0839

pk\_per: 0

through: 6.1844e+005

energyeff: 1.6939e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9230

pk\_suc: 0.0768

pk\_per: 1.4113e-004

through: 6.1296e+005

energyeff: 1.7692e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9229

pk\_suc: 0.0756

pk\_per: 0.0015

through: 5.9172e+005

energyeff: 1.5856e-007

---------------------------------------------------------------

sim.time is: 2-1-15-52

number of packets to be simulated: 4899

---------------------------------------------------------------

Simulation AARF: n=24, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9139

pk\_suc: 0.0861

pk\_per: 0

through: 6.3530e+005

energyeff: 1.6509e-007

---------------------------------------------------------------

Simulation ONOE: n=24, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9229

pk\_suc: 0.0770

pk\_per: 9.4343e-005

through: 6.1654e+005

energyeff: 1.7629e-007

---------------------------------------------------------------

Simulation Sample: n=24, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9225

pk\_suc: 0.0757

pk\_per: 0.0019

through: 5.9517e+005

energyeff: 1.5738e-007

Simulation AARF: n=24, snr=20, startrate=4, throughput=628626.1235

Simulation ONOE: n=24, snr=20, startrate=4, throughput=615734.9185

Simulation SAMPLE: n=24, snr=20, startrate=4, throughput=615734.9185

---------------------------------------------------------------

sim.time is: 2-1-15-52

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9211

pk\_suc: 0.0789

pk\_per: 0

through: 5.9606e+005

energyeff: 1.7995e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9249

pk\_suc: 0.0606

pk\_per: 0.0145

through: 4.8243e+005

energyeff: 2.2691e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9217

pk\_suc: 0.0583

pk\_per: 0.0200

through: 4.4719e+005

energyeff: 2.2566e-007

---------------------------------------------------------------

sim.time is: 2-1-15-53

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9207

pk\_suc: 0.0793

pk\_per: 0

through: 6.0115e+005

energyeff: 1.7894e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9234

pk\_suc: 0.0613

pk\_per: 0.0153

through: 4.8738e+005

energyeff: 2.2445e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9233

pk\_suc: 0.0568

pk\_per: 0.0200

through: 4.3611e+005

energyeff: 2.2768e-007

---------------------------------------------------------------

sim.time is: 2-1-15-53

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9209

pk\_suc: 0.0791

pk\_per: 0

through: 5.9831e+005

energyeff: 1.7943e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9246

pk\_suc: 0.0598

pk\_per: 0.0157

through: 4.7589e+005

energyeff: 2.3021e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9243

pk\_suc: 0.0562

pk\_per: 0.0196

through: 4.3041e+005

energyeff: 2.3286e-007

---------------------------------------------------------------

sim.time is: 2-1-15-53

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9218

pk\_suc: 0.0782

pk\_per: 0

through: 5.9300e+005

energyeff: 1.8154e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9248

pk\_suc: 0.0602

pk\_per: 0.0151

through: 4.7828e+005

energyeff: 2.2863e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9227

pk\_suc: 0.0562

pk\_per: 0.0210

through: 4.3279e+005

energyeff: 2.3021e-007

Simulation AARF: n=25, snr=5, startrate=4, throughput=597132.0575

Simulation ONOE: n=25, snr=5, startrate=4, throughput=480994.0692

Simulation SAMPLE: n=25, snr=5, startrate=4, throughput=480994.0692

---------------------------------------------------------------

sim.time is: 2-1-15-54

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9222

pk\_suc: 0.0778

pk\_per: 0

through: 5.8886e+005

energyeff: 1.8256e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9280

pk\_suc: 0.0689

pk\_per: 0.0031

through: 5.5940e+005

energyeff: 1.9852e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9269

pk\_suc: 0.0656

pk\_per: 0.0075

through: 5.1680e+005

energyeff: 1.9089e-007

---------------------------------------------------------------

sim.time is: 2-1-15-54

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9202

pk\_suc: 0.0798

pk\_per: 0

through: 6.0460e+005

energyeff: 1.7800e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9274

pk\_suc: 0.0697

pk\_per: 0.0029

through: 5.6560e+005

energyeff: 1.9602e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9275

pk\_suc: 0.0669

pk\_per: 0.0056

through: 5.2460e+005

energyeff: 1.9045e-007

---------------------------------------------------------------

sim.time is: 2-1-15-54

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9199

pk\_suc: 0.0801

pk\_per: 0

through: 6.0662e+005

energyeff: 1.7723e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9288

pk\_suc: 0.0683

pk\_per: 0.0029

through: 5.5288e+005

energyeff: 2.0028e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9272

pk\_suc: 0.0651

pk\_per: 0.0077

through: 5.1137e+005

energyeff: 1.9180e-007

---------------------------------------------------------------

sim.time is: 2-1-15-55

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9218

pk\_suc: 0.0782

pk\_per: 0

through: 5.9384e+005

energyeff: 1.8174e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9286

pk\_suc: 0.0688

pk\_per: 0.0026

through: 5.5704e+005

energyeff: 1.9874e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9275

pk\_suc: 0.0657

pk\_per: 0.0068

through: 5.1736e+005

energyeff: 1.9080e-007

Simulation AARF: n=25, snr=10, startrate=4, throughput=598479.6907

Simulation ONOE: n=25, snr=10, startrate=4, throughput=558729.3668

Simulation SAMPLE: n=25, snr=10, startrate=4, throughput=558729.3668

---------------------------------------------------------------

sim.time is: 2-1-15-55

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9222

pk\_suc: 0.0778

pk\_per: 0

through: 5.8931e+005

energyeff: 1.8265e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9290

pk\_suc: 0.0704

pk\_per: 6.3344e-004

through: 5.7139e+005

energyeff: 1.9385e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9279

pk\_suc: 0.0687

pk\_per: 0.0034

through: 5.4685e+005

energyeff: 1.7799e-007

---------------------------------------------------------------

sim.time is: 2-1-15-55

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9206

pk\_suc: 0.0794

pk\_per: 0

through: 6.0218e+005

energyeff: 1.7883e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9288

pk\_suc: 0.0706

pk\_per: 6.2086e-004

through: 5.7491e+005

energyeff: 1.9333e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9281

pk\_suc: 0.0688

pk\_per: 0.0031

through: 5.4123e+005

energyeff: 1.8377e-007

---------------------------------------------------------------

sim.time is: 2-1-15-56

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9201

pk\_suc: 0.0799

pk\_per: 0

through: 6.0522e+005

energyeff: 1.7777e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9299

pk\_suc: 0.0694

pk\_per: 7.0746e-004

through: 5.6450e+005

energyeff: 1.9680e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9274

pk\_suc: 0.0686

pk\_per: 0.0040

through: 5.4494e+005

energyeff: 1.7965e-007

---------------------------------------------------------------

sim.time is: 2-1-15-56

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9216

pk\_suc: 0.0784

pk\_per: 0

through: 5.9271e+005

energyeff: 1.8113e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9291

pk\_suc: 0.0703

pk\_per: 5.7644e-004

through: 5.7124e+005

energyeff: 1.9410e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9278

pk\_suc: 0.0690

pk\_per: 0.0032

through: 5.4799e+005

energyeff: 1.7873e-007

Simulation AARF: n=25, snr=15, startrate=4, throughput=597353.7253

Simulation ONOE: n=25, snr=15, startrate=4, throughput=570507.5217

Simulation SAMPLE: n=25, snr=15, startrate=4, throughput=570507.5217

---------------------------------------------------------------

sim.time is: 2-1-15-56

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9222

pk\_suc: 0.0778

pk\_per: 0

through: 5.9114e+005

energyeff: 1.8251e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9273

pk\_suc: 0.0726

pk\_per: 1.3057e-004

through: 5.9076e+005

energyeff: 1.8779e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9291

pk\_suc: 0.0696

pk\_per: 0.0013

through: 5.5576e+005

energyeff: 1.7366e-007

---------------------------------------------------------------

sim.time is: 2-1-15-56

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9206

pk\_suc: 0.0794

pk\_per: 0

through: 6.0133e+005

energyeff: 1.7881e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9285

pk\_suc: 0.0714

pk\_per: 1.0001e-004

through: 5.8197e+005

energyeff: 1.9080e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9291

pk\_suc: 0.0694

pk\_per: 0.0014

through: 5.5558e+005

energyeff: 1.7566e-007

---------------------------------------------------------------

sim.time is: 2-1-15-57

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9205

pk\_suc: 0.0795

pk\_per: 0

through: 6.0247e+005

energyeff: 1.7873e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9292

pk\_suc: 0.0706

pk\_per: 1.4122e-004

through: 5.7643e+005

energyeff: 1.9291e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9285

pk\_suc: 0.0702

pk\_per: 0.0013

through: 5.6077e+005

energyeff: 1.7213e-007

---------------------------------------------------------------

sim.time is: 2-1-15-57

number of packets to be simulated: 5000

---------------------------------------------------------------

Simulation AARF: n=25, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9205

pk\_suc: 0.0795

pk\_per: 0

through: 6.0084e+005

energyeff: 1.7872e-007

---------------------------------------------------------------

Simulation ONOE: n=25, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9269

pk\_suc: 0.0729

pk\_per: 2.0415e-004

through: 5.9145e+005

energyeff: 1.8678e-007

---------------------------------------------------------------

Simulation Sample: n=25, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9275

pk\_suc: 0.0711

pk\_per: 0.0014

through: 5.6788e+005

energyeff: 1.7063e-007

Simulation AARF: n=25, snr=20, startrate=4, throughput=598942.4904

Simulation ONOE: n=25, snr=20, startrate=4, throughput=585154.9321

Simulation SAMPLE: n=25, snr=20, startrate=4, throughput=585154.9321

---------------------------------------------------------------

sim.time is: 2-1-15-57

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9263

pk\_suc: 0.0737

pk\_per: 0

through: 5.6975e+005

energyeff: 1.9275e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9304

pk\_suc: 0.0559

pk\_per: 0.0137

through: 4.5446e+005

energyeff: 2.4663e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9295

pk\_suc: 0.0525

pk\_per: 0.0180

through: 4.0961e+005

energyeff: 2.5491e-007

---------------------------------------------------------------

sim.time is: 2-1-15-58

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9285

pk\_suc: 0.0715

pk\_per: 0

through: 5.5733e+005

energyeff: 1.9850e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9296

pk\_suc: 0.0563

pk\_per: 0.0141

through: 4.5834e+005

energyeff: 2.4479e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9279

pk\_suc: 0.0527

pk\_per: 0.0194

through: 4.1237e+005

energyeff: 2.4882e-007

---------------------------------------------------------------

sim.time is: 2-1-15-58

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9272

pk\_suc: 0.0728

pk\_per: 0

through: 5.6503e+005

energyeff: 1.9515e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9301

pk\_suc: 0.0557

pk\_per: 0.0142

through: 4.5239e+005

energyeff: 2.4769e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9294

pk\_suc: 0.0519

pk\_per: 0.0187

through: 4.0810e+005

energyeff: 2.5169e-007

---------------------------------------------------------------

sim.time is: 2-1-15-58

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9269

pk\_suc: 0.0731

pk\_per: 0

through: 5.6786e+005

energyeff: 1.9424e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9306

pk\_suc: 0.0555

pk\_per: 0.0139

through: 4.5159e+005

energyeff: 2.4844e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9298

pk\_suc: 0.0535

pk\_per: 0.0167

through: 4.1956e+005

energyeff: 2.4989e-007

Simulation AARF: n=26, snr=5, startrate=4, throughput=564991.3606

Simulation ONOE: n=26, snr=5, startrate=4, throughput=454193.6446

Simulation SAMPLE: n=26, snr=5, startrate=4, throughput=454193.6446

---------------------------------------------------------------

sim.time is: 2-1-15-59

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9279

pk\_suc: 0.0721

pk\_per: 0

through: 5.6246e+005

energyeff: 1.9694e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9325

pk\_suc: 0.0652

pk\_per: 0.0023

through: 5.3941e+005

energyeff: 2.1000e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9325

pk\_suc: 0.0616

pk\_per: 0.0058

through: 4.9307e+005

energyeff: 2.0529e-007

---------------------------------------------------------------

sim.time is: 2-1-15-59

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9272

pk\_suc: 0.0728

pk\_per: 0

through: 5.6530e+005

energyeff: 1.9516e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9328

pk\_suc: 0.0647

pk\_per: 0.0025

through: 5.3553e+005

energyeff: 2.1174e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9333

pk\_suc: 0.0603

pk\_per: 0.0064

through: 4.8212e+005

energyeff: 2.1214e-007

---------------------------------------------------------------

sim.time is: 2-1-15-59

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9289

pk\_suc: 0.0711

pk\_per: 0

through: 5.5250e+005

energyeff: 1.9987e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9330

pk\_suc: 0.0649

pk\_per: 0.0022

through: 5.3855e+005

energyeff: 2.1113e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9317

pk\_suc: 0.0621

pk\_per: 0.0062

through: 4.9683e+005

energyeff: 2.0617e-007

---------------------------------------------------------------

sim.time is: 2-1-16-0

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9271

pk\_suc: 0.0729

pk\_per: 0

through: 5.6473e+005

energyeff: 1.9480e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9339

pk\_suc: 0.0638

pk\_per: 0.0022

through: 5.2873e+005

energyeff: 2.1482e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9323

pk\_suc: 0.0617

pk\_per: 0.0060

through: 4.9505e+005

energyeff: 2.0665e-007

Simulation AARF: n=26, snr=10, startrate=4, throughput=561248.0381

Simulation ONOE: n=26, snr=10, startrate=4, throughput=535552.6487

Simulation SAMPLE: n=26, snr=10, startrate=4, throughput=535552.6487

---------------------------------------------------------------

sim.time is: 2-1-16-0

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9279

pk\_suc: 0.0721

pk\_per: 0

through: 5.6212e+005

energyeff: 1.9688e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9338

pk\_suc: 0.0655

pk\_per: 6.8047e-004

through: 5.4507e+005

energyeff: 2.0884e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9337

pk\_suc: 0.0633

pk\_per: 0.0030

through: 5.1251e+005

energyeff: 1.9742e-007

---------------------------------------------------------------

sim.time is: 2-1-16-0

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9272

pk\_suc: 0.0728

pk\_per: 0

through: 5.6641e+005

energyeff: 1.9508e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9337

pk\_suc: 0.0658

pk\_per: 4.9027e-004

through: 5.4608e+005

energyeff: 2.0779e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9332

pk\_suc: 0.0639

pk\_per: 0.0029

through: 5.1634e+005

energyeff: 1.9592e-007

---------------------------------------------------------------

sim.time is: 2-1-16-1

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9266

pk\_suc: 0.0734

pk\_per: 0

through: 5.6947e+005

energyeff: 1.9357e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9335

pk\_suc: 0.0659

pk\_per: 5.8146e-004

through: 5.4571e+005

energyeff: 2.0745e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9329

pk\_suc: 0.0638

pk\_per: 0.0033

through: 5.1552e+005

energyeff: 1.9393e-007

---------------------------------------------------------------

sim.time is: 2-1-16-1

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9263

pk\_suc: 0.0737

pk\_per: 0

through: 5.7096e+005

energyeff: 1.9280e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9341

pk\_suc: 0.0653

pk\_per: 6.9084e-004

through: 5.4397e+005

energyeff: 2.0974e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9338

pk\_suc: 0.0624

pk\_per: 0.0038

through: 5.0428e+005

energyeff: 1.9983e-007

Simulation AARF: n=26, snr=15, startrate=4, throughput=567238.8596

Simulation ONOE: n=26, snr=15, startrate=4, throughput=545210.1241

Simulation SAMPLE: n=26, snr=15, startrate=4, throughput=545210.1241

---------------------------------------------------------------

sim.time is: 2-1-16-1

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9274

pk\_suc: 0.0726

pk\_per: 0

through: 5.6446e+005

energyeff: 1.9560e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9347

pk\_suc: 0.0651

pk\_per: 1.5315e-004

through: 5.4389e+005

energyeff: 2.1005e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9340

pk\_suc: 0.0647

pk\_per: 0.0013

through: 5.2701e+005

energyeff: 1.8793e-007

---------------------------------------------------------------

sim.time is: 2-1-16-2

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9273

pk\_suc: 0.0727

pk\_per: 0

through: 5.6496e+005

energyeff: 1.9527e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9334

pk\_suc: 0.0665

pk\_per: 7.8250e-005

through: 5.5425e+005

energyeff: 2.0548e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9331

pk\_suc: 0.0657

pk\_per: 0.0012

through: 5.3386e+005

energyeff: 1.8845e-007

---------------------------------------------------------------

sim.time is: 2-1-16-2

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9263

pk\_suc: 0.0737

pk\_per: 0

through: 5.7059e+005

energyeff: 1.9278e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9353

pk\_suc: 0.0647

pk\_per: 6.3387e-005

through: 5.3606e+005

energyeff: 2.1153e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9342

pk\_suc: 0.0644

pk\_per: 0.0014

through: 5.2360e+005

energyeff: 1.9077e-007

---------------------------------------------------------------

sim.time is: 2-1-16-2

number of packets to be simulated: 5100

---------------------------------------------------------------

Simulation AARF: n=26, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9280

pk\_suc: 0.0720

pk\_per: 0

through: 5.6051e+005

energyeff: 1.9726e-007

---------------------------------------------------------------

Simulation ONOE: n=26, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9343

pk\_suc: 0.0656

pk\_per: 1.0293e-004

through: 5.4679e+005

energyeff: 2.0825e-007

---------------------------------------------------------------

Simulation Sample: n=26, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9337

pk\_suc: 0.0653

pk\_per: 9.7258e-004

through: 5.2872e+005

energyeff: 1.9087e-007

Simulation AARF: n=26, snr=20, startrate=4, throughput=565130.0759

Simulation ONOE: n=26, snr=20, startrate=4, throughput=545247.735

Simulation SAMPLE: n=26, snr=20, startrate=4, throughput=545247.735

---------------------------------------------------------------

sim.time is: 2-1-16-3

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9336

pk\_suc: 0.0664

pk\_per: 0

through: 5.3047e+005

energyeff: 2.1374e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9356

pk\_suc: 0.0515

pk\_per: 0.0129

through: 4.2762e+005

energyeff: 2.6827e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9351

pk\_suc: 0.0486

pk\_per: 0.0163

through: 3.8842e+005

energyeff: 2.7327e-007

---------------------------------------------------------------

sim.time is: 2-1-16-3

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9345

pk\_suc: 0.0655

pk\_per: 0

through: 5.2254e+005

energyeff: 2.1691e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9354

pk\_suc: 0.0520

pk\_per: 0.0127

through: 4.3270e+005

energyeff: 2.6585e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9350

pk\_suc: 0.0482

pk\_per: 0.0168

through: 3.8610e+005

energyeff: 2.7366e-007

---------------------------------------------------------------

sim.time is: 2-1-16-4

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9330

pk\_suc: 0.0670

pk\_per: 0

through: 5.3511e+005

energyeff: 2.1203e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9355

pk\_suc: 0.0521

pk\_per: 0.0124

through: 4.3380e+005

energyeff: 2.6540e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9349

pk\_suc: 0.0490

pk\_per: 0.0161

through: 3.9096e+005

energyeff: 2.7237e-007

---------------------------------------------------------------

sim.time is: 2-1-16-4

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9336

pk\_suc: 0.0664

pk\_per: 0

through: 5.3031e+005

energyeff: 2.1382e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9355

pk\_suc: 0.0518

pk\_per: 0.0126

through: 4.3168e+005

energyeff: 2.6645e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9354

pk\_suc: 0.0487

pk\_per: 0.0159

through: 3.9126e+005

energyeff: 2.7132e-007

Simulation AARF: n=27, snr=5, startrate=4, throughput=529604.358

Simulation ONOE: n=27, snr=5, startrate=4, throughput=431447.4721

Simulation SAMPLE: n=27, snr=5, startrate=4, throughput=431447.4721

---------------------------------------------------------------

sim.time is: 2-1-16-4

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9328

pk\_suc: 0.0672

pk\_per: 0

through: 5.3652e+005

energyeff: 2.1123e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9392

pk\_suc: 0.0588

pk\_per: 0.0020

through: 4.9729e+005

energyeff: 2.3376e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Static =

pk\_col: 0.9379

pk\_suc: 0.0573

pk\_per: 0.0048

through: 4.6774e+005

energyeff: 2.2621e-007

---------------------------------------------------------------

sim.time is: 2-1-16-5

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9320

pk\_suc: 0.0680

pk\_per: 0

through: 5.4245e+005

energyeff: 2.0874e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9380

pk\_suc: 0.0600

pk\_per: 0.0021

through: 5.0748e+005

energyeff: 2.2910e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9385

pk\_suc: 0.0569

pk\_per: 0.0047

through: 4.6300e+005

energyeff: 2.2822e-007

---------------------------------------------------------------

sim.time is: 2-1-16-5

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9330

pk\_suc: 0.0670

pk\_per: 0

through: 5.3535e+005

energyeff: 2.1199e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9394

pk\_suc: 0.0586

pk\_per: 0.0020

through: 4.9566e+005

energyeff: 2.3453e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9381

pk\_suc: 0.0567

pk\_per: 0.0052

through: 4.6210e+005

energyeff: 2.2896e-007

---------------------------------------------------------------

sim.time is: 2-1-16-5

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9325

pk\_suc: 0.0675

pk\_per: 0

through: 5.3674e+005

energyeff: 2.1028e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9383

pk\_suc: 0.0595

pk\_per: 0.0022

through: 5.0414e+005

energyeff: 2.3076e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9376

pk\_suc: 0.0572

pk\_per: 0.0052

through: 4.6796e+005

energyeff: 2.2470e-007

Simulation AARF: n=27, snr=10, startrate=4, throughput=537764.4414

Simulation ONOE: n=27, snr=10, startrate=4, throughput=501142.9513

Simulation SAMPLE: n=27, snr=10, startrate=4, throughput=501142.9513

---------------------------------------------------------------

sim.time is: 2-1-16-6

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9324

pk\_suc: 0.0676

pk\_per: 0

through: 5.3868e+005

energyeff: 2.1014e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9384

pk\_suc: 0.0609

pk\_per: 6.7992e-004

through: 5.1646e+005

energyeff: 2.2515e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9383

pk\_suc: 0.0590

pk\_per: 0.0028

through: 4.8593e+005

energyeff: 2.1386e-007

---------------------------------------------------------------

sim.time is: 2-1-16-6

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9326

pk\_suc: 0.0674

pk\_per: 0

through: 5.3498e+005

energyeff: 2.1076e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9398

pk\_suc: 0.0596

pk\_per: 5.8506e-004

through: 5.0540e+005

energyeff: 2.3015e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9385

pk\_suc: 0.0593

pk\_per: 0.0022

through: 4.8633e+005

energyeff: 2.1651e-007

---------------------------------------------------------------

sim.time is: 2-1-16-7

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9327

pk\_suc: 0.0673

pk\_per: 0

through: 5.3597e+005

energyeff: 2.1093e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9391

pk\_suc: 0.0604

pk\_per: 5.4613e-004

through: 5.1100e+005

energyeff: 2.2710e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9387

pk\_suc: 0.0590

pk\_per: 0.0024

through: 4.8195e+005

energyeff: 2.1612e-007

---------------------------------------------------------------

sim.time is: 2-1-16-7

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9337

pk\_suc: 0.0663

pk\_per: 0

through: 5.2804e+005

energyeff: 2.1416e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9391

pk\_suc: 0.0603

pk\_per: 5.5726e-004

through: 5.1184e+005

energyeff: 2.2730e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9389

pk\_suc: 0.0588

pk\_per: 0.0023

through: 4.8391e+005

energyeff: 2.1418e-007

Simulation AARF: n=27, snr=15, startrate=4, throughput=534416.1729

Simulation ONOE: n=27, snr=15, startrate=4, throughput=511174.874

Simulation SAMPLE: n=27, snr=15, startrate=4, throughput=511174.874

---------------------------------------------------------------

sim.time is: 2-1-16-7

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9322

pk\_suc: 0.0678

pk\_per: 0

through: 5.4095e+005

energyeff: 2.0946e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9394

pk\_suc: 0.0605

pk\_per: 8.1507e-005

through: 5.1346e+005

energyeff: 2.2645e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9388

pk\_suc: 0.0605

pk\_per: 6.9892e-004

through: 5.0169e+005

energyeff: 2.0697e-007

---------------------------------------------------------------

sim.time is: 2-1-16-8

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9327

pk\_suc: 0.0673

pk\_per: 0

through: 5.3561e+005

energyeff: 2.1105e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9392

pk\_suc: 0.0607

pk\_per: 1.1672e-004

through: 5.1447e+005

energyeff: 2.2601e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9391

pk\_suc: 0.0600

pk\_per: 8.8855e-004

through: 4.9589e+005

energyeff: 2.0751e-007

---------------------------------------------------------------

sim.time is: 2-1-16-8

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9324

pk\_suc: 0.0676

pk\_per: 0

through: 5.3991e+005

energyeff: 2.1007e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9384

pk\_suc: 0.0615

pk\_per: 1.3018e-004

through: 5.2389e+005

energyeff: 2.2281e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9388

pk\_suc: 0.0605

pk\_per: 7.4458e-004

through: 4.9998e+005

energyeff: 2.0542e-007

---------------------------------------------------------------

sim.time is: 2-1-16-8

number of packets to be simulated: 5197

---------------------------------------------------------------

Simulation AARF: n=27, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9336

pk\_suc: 0.0664

pk\_per: 0

through: 5.2879e+005

energyeff: 2.1387e-007

---------------------------------------------------------------

Simulation ONOE: n=27, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9393

pk\_suc: 0.0606

pk\_per: 5.8295e-005

through: 5.1358e+005

energyeff: 2.2619e-007

---------------------------------------------------------------

Simulation Sample: n=27, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9395

pk\_suc: 0.0595

pk\_per: 9.5017e-004

through: 4.9344e+005

energyeff: 2.0803e-007

Simulation AARF: n=27, snr=20, startrate=4, throughput=536314.9218

Simulation ONOE: n=27, snr=20, startrate=4, throughput=516350.5602

Simulation SAMPLE: n=27, snr=20, startrate=4, throughput=516350.5602

---------------------------------------------------------------

sim.time is: 2-1-16-9

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9384

pk\_suc: 0.0616

pk\_per: 0

through: 5.0361e+005

energyeff: 2.3067e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9409

pk\_suc: 0.0478

pk\_per: 0.0113

through: 4.0538e+005

energyeff: 2.8947e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9402

pk\_suc: 0.0447

pk\_per: 0.0151

through: 3.6634e+005

energyeff: 2.9711e-007

---------------------------------------------------------------

sim.time is: 2-1-16-9

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9381

pk\_suc: 0.0619

pk\_per: 0

through: 5.0614e+005

energyeff: 2.2930e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9406

pk\_suc: 0.0479

pk\_per: 0.0115

through: 4.0740e+005

energyeff: 2.8900e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9402

pk\_suc: 0.0447

pk\_per: 0.0151

through: 3.6482e+005

energyeff: 2.9926e-007

---------------------------------------------------------------

sim.time is: 2-1-16-10

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9383

pk\_suc: 0.0617

pk\_per: 0

through: 5.0425e+005

energyeff: 2.3003e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9409

pk\_suc: 0.0476

pk\_per: 0.0115

through: 4.0497e+005

energyeff: 2.9062e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9406

pk\_suc: 0.0443

pk\_per: 0.0151

through: 3.6246e+005

energyeff: 2.9945e-007

---------------------------------------------------------------

sim.time is: 2-1-16-10

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9378

pk\_suc: 0.0622

pk\_per: 0

through: 5.0918e+005

energyeff: 2.2822e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9409

pk\_suc: 0.0480

pk\_per: 0.0111

through: 4.0840e+005

energyeff: 2.8839e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9396

pk\_suc: 0.0452

pk\_per: 0.0152

through: 3.7070e+005

energyeff: 2.9435e-007

Simulation AARF: n=28, snr=5, startrate=4, throughput=505795.9357

Simulation ONOE: n=28, snr=5, startrate=4, throughput=406535.5132

Simulation SAMPLE: n=28, snr=5, startrate=4, throughput=406535.5132

---------------------------------------------------------------

sim.time is: 2-1-16-10

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9373

pk\_suc: 0.0627

pk\_per: 0

through: 5.1077e+005

energyeff: 2.2666e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9437

pk\_suc: 0.0544

pk\_per: 0.0019

through: 4.7026e+005

energyeff: 2.5321e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9423

pk\_suc: 0.0540

pk\_per: 0.0037

through: 4.5024e+005

energyeff: 2.4345e-007

---------------------------------------------------------------

sim.time is: 2-1-16-11

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9385

pk\_suc: 0.0615

pk\_per: 0

through: 5.0190e+005

energyeff: 2.3075e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9433

pk\_suc: 0.0550

pk\_per: 0.0017

through: 4.7639e+005

energyeff: 2.5035e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9423

pk\_suc: 0.0531

pk\_per: 0.0046

through: 4.4186e+005

energyeff: 2.4493e-007

---------------------------------------------------------------

sim.time is: 2-1-16-11

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9399

pk\_suc: 0.0601

pk\_per: 0

through: 4.9171e+005

energyeff: 2.3614e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9436

pk\_suc: 0.0547

pk\_per: 0.0017

through: 4.7166e+005

energyeff: 2.5194e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9419

pk\_suc: 0.0527

pk\_per: 0.0054

through: 4.3966e+005

energyeff: 2.4342e-007

---------------------------------------------------------------

sim.time is: 2-1-16-12

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9388

pk\_suc: 0.0612

pk\_per: 0

through: 4.9970e+005

energyeff: 2.3220e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9428

pk\_suc: 0.0552

pk\_per: 0.0020

through: 4.7707e+005

energyeff: 2.4961e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9435

pk\_suc: 0.0526

pk\_per: 0.0039

through: 4.3861e+005

energyeff: 2.5025e-007

Simulation AARF: n=28, snr=10, startrate=4, throughput=501019.0607

Simulation ONOE: n=28, snr=10, startrate=4, throughput=473846.6649

Simulation SAMPLE: n=28, snr=10, startrate=4, throughput=473846.6649

---------------------------------------------------------------

sim.time is: 2-1-16-12

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9380

pk\_suc: 0.0620

pk\_per: 0

through: 5.0418e+005

energyeff: 2.2886e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9443

pk\_suc: 0.0553

pk\_per: 4.1805e-004

through: 4.7843e+005

energyeff: 2.4863e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9443

pk\_suc: 0.0538

pk\_per: 0.0019

through: 4.4953e+005

energyeff: 2.3915e-007

---------------------------------------------------------------

sim.time is: 2-1-16-12

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9388

pk\_suc: 0.0612

pk\_per: 0

through: 5.0130e+005

energyeff: 2.3191e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9431

pk\_suc: 0.0565

pk\_per: 3.8433e-004

through: 4.8814e+005

energyeff: 2.4324e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9437

pk\_suc: 0.0537

pk\_per: 0.0026

through: 4.5088e+005

energyeff: 2.3575e-007

---------------------------------------------------------------

sim.time is: 2-1-16-13

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9380

pk\_suc: 0.0620

pk\_per: 0

through: 5.0593e+005

energyeff: 2.2897e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9435

pk\_suc: 0.0561

pk\_per: 4.5561e-004

through: 4.8539e+005

energyeff: 2.4509e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9433

pk\_suc: 0.0546

pk\_per: 0.0021

through: 4.5680e+005

energyeff: 2.3479e-007

---------------------------------------------------------------

sim.time is: 2-1-16-13

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9378

pk\_suc: 0.0622

pk\_per: 0

through: 5.0732e+005

energyeff: 2.2816e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9433

pk\_suc: 0.0561

pk\_per: 5.1977e-004

through: 4.8696e+005

energyeff: 2.4489e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9432

pk\_suc: 0.0546

pk\_per: 0.0022

through: 4.5659e+005

energyeff: 2.3221e-007

Simulation AARF: n=28, snr=15, startrate=4, throughput=504681.6204

Simulation ONOE: n=28, snr=15, startrate=4, throughput=484731.8893

Simulation SAMPLE: n=28, snr=15, startrate=4, throughput=484731.8893

---------------------------------------------------------------

sim.time is: 2-1-16-14

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9377

pk\_suc: 0.0623

pk\_per: 0

through: 5.0793e+005

energyeff: 2.2785e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9438

pk\_suc: 0.0561

pk\_per: 5.3013e-005

through: 4.8676e+005

energyeff: 2.4494e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9435

pk\_suc: 0.0558

pk\_per: 7.0595e-004

through: 4.6889e+005

energyeff: 2.2764e-007

---------------------------------------------------------------

sim.time is: 2-1-16-14

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9377

pk\_suc: 0.0623

pk\_per: 0

through: 5.0830e+005

energyeff: 2.2792e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9436

pk\_suc: 0.0563

pk\_per: 1.1703e-004

through: 4.8706e+005

energyeff: 2.4408e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9439

pk\_suc: 0.0554

pk\_per: 7.6349e-004

through: 4.6590e+005

energyeff: 2.2964e-007

---------------------------------------------------------------

sim.time is: 2-1-16-14

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9377

pk\_suc: 0.0623

pk\_per: 0

through: 5.0592e+005

energyeff: 2.2803e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9434

pk\_suc: 0.0565

pk\_per: 1.3877e-004

through: 4.8955e+005

energyeff: 2.4322e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9429

pk\_suc: 0.0565

pk\_per: 6.1894e-004

through: 4.7318e+005

energyeff: 2.2460e-007

---------------------------------------------------------------

sim.time is: 2-1-16-15

number of packets to be simulated: 5292

---------------------------------------------------------------

Simulation AARF: n=28, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9379

pk\_suc: 0.0621

pk\_per: 0

through: 5.0805e+005

energyeff: 2.2855e-007

---------------------------------------------------------------

Simulation ONOE: n=28, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9441

pk\_suc: 0.0558

pk\_per: 8.4336e-005

through: 4.8388e+005

energyeff: 2.4632e-007

---------------------------------------------------------------

Simulation Sample: n=28, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9435

pk\_suc: 0.0555

pk\_per: 9.8515e-004

through: 4.6568e+005

energyeff: 2.2906e-007

Simulation AARF: n=28, snr=20, startrate=4, throughput=507550.6653

Simulation ONOE: n=28, snr=20, startrate=4, throughput=486813.7513

Simulation SAMPLE: n=28, snr=20, startrate=4, throughput=486813.7513

---------------------------------------------------------------

sim.time is: 2-1-16-15

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9439

pk\_suc: 0.0561

pk\_per: 0

through: 4.7067e+005

energyeff: 2.5322e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9457

pk\_suc: 0.0439

pk\_per: 0.0103

through: 3.8298e+005

energyeff: 3.1535e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9454

pk\_suc: 0.0407

pk\_per: 0.0139

through: 3.4112e+005

energyeff: 3.2528e-007

---------------------------------------------------------------

sim.time is: 2-1-16-16

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9432

pk\_suc: 0.0568

pk\_per: 0

through: 4.7459e+005

energyeff: 2.5010e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9448

pk\_suc: 0.0444

pk\_per: 0.0108

through: 3.8530e+005

energyeff: 3.1220e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Static =

pk\_col: 0.9453

pk\_suc: 0.0414

pk\_per: 0.0133

through: 3.4511e+005

energyeff: 3.2401e-007

---------------------------------------------------------------

sim.time is: 2-1-16-16

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9427

pk\_suc: 0.0573

pk\_per: 0

through: 4.7935e+005

energyeff: 2.4790e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9450

pk\_suc: 0.0446

pk\_per: 0.0103

through: 3.8907e+005

energyeff: 3.1060e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9450

pk\_suc: 0.0413

pk\_per: 0.0137

through: 3.4529e+005

energyeff: 3.2270e-007

---------------------------------------------------------------

sim.time is: 2-1-16-17

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9435

pk\_suc: 0.0565

pk\_per: 0

through: 4.7193e+005

energyeff: 2.5141e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9461

pk\_suc: 0.0436

pk\_per: 0.0104

through: 3.7789e+005

energyeff: 3.1844e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9450

pk\_suc: 0.0415

pk\_per: 0.0134

through: 3.4772e+005

energyeff: 3.2178e-007

Simulation AARF: n=29, snr=5, startrate=4, throughput=474137.1955

Simulation ONOE: n=29, snr=5, startrate=4, throughput=383810.0964

Simulation SAMPLE: n=29, snr=5, startrate=4, throughput=383810.0964

---------------------------------------------------------------

sim.time is: 2-1-16-17

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9437

pk\_suc: 0.0563

pk\_per: 0

through: 4.7118e+005

energyeff: 2.5209e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9474

pk\_suc: 0.0509

pk\_per: 0.0017

through: 4.4961e+005

energyeff: 2.7112e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9467

pk\_suc: 0.0489

pk\_per: 0.0044

through: 4.1428e+005

energyeff: 2.6886e-007

---------------------------------------------------------------

sim.time is: 2-1-16-18

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9436

pk\_suc: 0.0564

pk\_per: 0

through: 4.7104e+005

energyeff: 2.5194e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9465

pk\_suc: 0.0520

pk\_per: 0.0015

through: 4.5873e+005

energyeff: 2.6543e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9471

pk\_suc: 0.0487

pk\_per: 0.0042

through: 4.1501e+005

energyeff: 2.6969e-007

---------------------------------------------------------------

sim.time is: 2-1-16-18

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9423

pk\_suc: 0.0577

pk\_per: 0

through: 4.8173e+005

energyeff: 2.4624e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9478

pk\_suc: 0.0507

pk\_per: 0.0015

through: 4.4894e+005

energyeff: 2.7196e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9474

pk\_suc: 0.0487

pk\_per: 0.0039

through: 4.1320e+005

energyeff: 2.7111e-007

---------------------------------------------------------------

sim.time is: 2-1-16-19

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9422

pk\_suc: 0.0578

pk\_per: 0

through: 4.8418e+005

energyeff: 2.4559e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9477

pk\_suc: 0.0507

pk\_per: 0.0016

through: 4.4751e+005

energyeff: 2.7239e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9469

pk\_suc: 0.0494

pk\_per: 0.0037

through: 4.1951e+005

energyeff: 2.6598e-007

Simulation AARF: n=29, snr=10, startrate=4, throughput=477033.4408

Simulation ONOE: n=29, snr=10, startrate=4, throughput=451198.3336

Simulation SAMPLE: n=29, snr=10, startrate=4, throughput=451198.3336

---------------------------------------------------------------

sim.time is: 2-1-16-19

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9436

pk\_suc: 0.0564

pk\_per: 0

through: 4.7257e+005

energyeff: 2.5189e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9477

pk\_suc: 0.0519

pk\_per: 4.0460e-004

through: 4.5948e+005

energyeff: 2.6550e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9485

pk\_suc: 0.0499

pk\_per: 0.0016

through: 4.2569e+005

energyeff: 2.6005e-007

---------------------------------------------------------------

sim.time is: 2-1-16-20

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9437

pk\_suc: 0.0563

pk\_per: 0

through: 4.7076e+005

energyeff: 2.5244e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9478

pk\_suc: 0.0519

pk\_per: 3.2728e-004

through: 4.5801e+005

energyeff: 2.6574e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9476

pk\_suc: 0.0507

pk\_per: 0.0017

through: 4.3277e+005

energyeff: 2.5735e-007

---------------------------------------------------------------

sim.time is: 2-1-16-20

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9429

pk\_suc: 0.0571

pk\_per: 0

through: 4.7752e+005

energyeff: 2.4886e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9485

pk\_suc: 0.0512

pk\_per: 3.5144e-004

through: 4.5159e+005

energyeff: 2.6937e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9478

pk\_suc: 0.0498

pk\_per: 0.0025

through: 4.2457e+005

energyeff: 2.5759e-007

---------------------------------------------------------------

sim.time is: 2-1-16-21

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9445

pk\_suc: 0.0555

pk\_per: 0

through: 4.6419e+005

energyeff: 2.5606e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9486

pk\_suc: 0.0510

pk\_per: 3.9783e-004

through: 4.5194e+005

energyeff: 2.7012e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9480

pk\_suc: 0.0501

pk\_per: 0.0020

through: 4.2829e+005

energyeff: 2.5725e-007

Simulation AARF: n=29, snr=15, startrate=4, throughput=471258.3119

Simulation ONOE: n=29, snr=15, startrate=4, throughput=455256.0959

Simulation SAMPLE: n=29, snr=15, startrate=4, throughput=455256.0959

---------------------------------------------------------------

sim.time is: 2-1-16-21

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9433

pk\_suc: 0.0567

pk\_per: 0

through: 4.7372e+005

energyeff: 2.5058e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9479

pk\_suc: 0.0520

pk\_per: 6.7553e-005

through: 4.6043e+005

energyeff: 2.6489e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9478

pk\_suc: 0.0515

pk\_per: 6.6981e-004

through: 4.4115e+005

energyeff: 2.4798e-007

---------------------------------------------------------------

sim.time is: 2-1-16-21

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9432

pk\_suc: 0.0568

pk\_per: 0

through: 4.7530e+005

energyeff: 2.4984e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9470

pk\_suc: 0.0529

pk\_per: 1.0804e-004

through: 4.6875e+005

energyeff: 2.6021e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9488

pk\_suc: 0.0505

pk\_per: 7.1214e-004

through: 4.3196e+005

energyeff: 2.5465e-007

---------------------------------------------------------------

sim.time is: 2-1-16-22

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9437

pk\_suc: 0.0563

pk\_per: 0

through: 4.7006e+005

energyeff: 2.5235e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9480

pk\_suc: 0.0519

pk\_per: 8.6653e-005

through: 4.6036e+005

energyeff: 2.6564e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Static =

pk\_col: 0.9483

pk\_suc: 0.0512

pk\_per: 4.9412e-004

through: 4.3860e+005

energyeff: 2.5171e-007

---------------------------------------------------------------

sim.time is: 2-1-16-22

number of packets to be simulated: 5386

---------------------------------------------------------------

Simulation AARF: n=29, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9422

pk\_suc: 0.0578

pk\_per: 0

through: 4.8299e+005

energyeff: 2.4575e-007

---------------------------------------------------------------

Simulation ONOE: n=29, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9478

pk\_suc: 0.0521

pk\_per: 5.8056e-005

through: 4.6002e+005

energyeff: 2.6422e-007

---------------------------------------------------------------

Simulation Sample: n=29, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9478

pk\_suc: 0.0515

pk\_per: 6.7856e-004

through: 4.4040e+005

energyeff: 2.5194e-007

Simulation AARF: n=29, snr=20, startrate=4, throughput=475518.1255

Simulation ONOE: n=29, snr=20, startrate=4, throughput=462389.5604

Simulation SAMPLE: n=29, snr=20, startrate=4, throughput=462389.5604

---------------------------------------------------------------

sim.time is: 2-1-16-23

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9487

pk\_suc: 0.0513

pk\_per: 0

through: 4.3981e+005

energyeff: 2.7694e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=5, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9499

pk\_suc: 0.0409

pk\_per: 0.0092

through: 3.6281e+005

energyeff: 3.3966e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=5, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9492

pk\_suc: 0.0383

pk\_per: 0.0126

through: 3.2665e+005

energyeff: 3.5084e-007

---------------------------------------------------------------

sim.time is: 2-1-16-23

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9474

pk\_suc: 0.0526

pk\_per: 0

through: 4.5069e+005

energyeff: 2.7008e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=5, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9503

pk\_suc: 0.0407

pk\_per: 0.0090

through: 3.6293e+005

energyeff: 3.4137e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=5, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9496

pk\_suc: 0.0387

pk\_per: 0.0117

through: 3.3086e+005

energyeff: 3.4849e-007

---------------------------------------------------------------

sim.time is: 2-1-16-24

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9484

pk\_suc: 0.0516

pk\_per: 0

through: 4.4187e+005

energyeff: 2.7544e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=5, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9490

pk\_suc: 0.0416

pk\_per: 0.0094

through: 3.6928e+005

energyeff: 3.3392e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=5, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 11 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9499

pk\_suc: 0.0387

pk\_per: 0.0115

through: 3.2924e+005

energyeff: 3.5187e-007

---------------------------------------------------------------

sim.time is: 2-1-16-24

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9475

pk\_suc: 0.0525

pk\_per: 0

through: 4.5033e+005

energyeff: 2.7039e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=5, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9497

pk\_suc: 0.0410

pk\_per: 0.0094

through: 3.6427e+005

energyeff: 3.3892e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=5, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 11 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9493

pk\_suc: 0.0379

pk\_per: 0.0128

through: 3.2318e+005

energyeff: 3.5694e-007

Simulation AARF: n=30, snr=5, startrate=4, throughput=445677.1031

Simulation ONOE: n=30, snr=5, startrate=4, throughput=364822.4242

Simulation SAMPLE: n=30, snr=5, startrate=4, throughput=364822.4242

---------------------------------------------------------------

sim.time is: 2-1-16-25

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9481

pk\_suc: 0.0519

pk\_per: 0

through: 4.4467e+005

energyeff: 2.7365e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=10, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9508

pk\_suc: 0.0477

pk\_per: 0.0015

through: 4.2935e+005

energyeff: 2.8978e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=10, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9513

pk\_suc: 0.0452

pk\_per: 0.0035

through: 3.9120e+005

energyeff: 2.9249e-007

---------------------------------------------------------------

sim.time is: 2-1-16-26

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9485

pk\_suc: 0.0515

pk\_per: 0

through: 4.4240e+005

energyeff: 2.7556e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=10, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9518

pk\_suc: 0.0468

pk\_per: 0.0015

through: 4.2115e+005

energyeff: 2.9570e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=10, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9510

pk\_suc: 0.0454

pk\_per: 0.0036

through: 3.9484e+005

energyeff: 2.8999e-007

---------------------------------------------------------------

sim.time is: 2-1-16-26

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9483

pk\_suc: 0.0517

pk\_per: 0

through: 4.4363e+005

energyeff: 2.7454e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=10, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9516

pk\_suc: 0.0472

pk\_per: 0.0012

through: 4.2452e+005

energyeff: 2.9305e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=10, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 0 sec...

Static =

pk\_col: 0.9510

pk\_suc: 0.0454

pk\_per: 0.0036

through: 3.9343e+005

energyeff: 2.9277e-007

---------------------------------------------------------------

sim.time is: 2-1-16-27

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9483

pk\_suc: 0.0517

pk\_per: 0

through: 4.4329e+005

energyeff: 2.7453e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=10, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9515

pk\_suc: 0.0472

pk\_per: 0.0013

through: 4.2564e+005

energyeff: 2.9280e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=10, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9519

pk\_suc: 0.0449

pk\_per: 0.0032

through: 3.8917e+005

energyeff: 2.9654e-007

Simulation AARF: n=30, snr=10, startrate=4, throughput=443497.4966

Simulation ONOE: n=30, snr=10, startrate=4, throughput=425164.6469

Simulation SAMPLE: n=30, snr=10, startrate=4, throughput=425164.6469

---------------------------------------------------------------

sim.time is: 2-1-16-27

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9481

pk\_suc: 0.0519

pk\_per: 0

through: 4.4657e+005

energyeff: 2.7350e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=15, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9524

pk\_suc: 0.0473

pk\_per: 2.8499e-004

through: 4.2709e+005

energyeff: 2.9192e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=15, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Static =

pk\_col: 0.9524

pk\_suc: 0.0457

pk\_per: 0.0019

through: 3.9922e+005

energyeff: 2.8442e-007

---------------------------------------------------------------

sim.time is: 2-1-16-28

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9479

pk\_suc: 0.0521

pk\_per: 0

through: 4.4616e+005

energyeff: 2.7237e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=15, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9517

pk\_suc: 0.0479

pk\_per: 4.1096e-004

through: 4.3163e+005

energyeff: 2.8835e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=15, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9515

pk\_suc: 0.0471

pk\_per: 0.0014

through: 4.0972e+005

energyeff: 2.7847e-007

---------------------------------------------------------------

sim.time is: 2-1-16-28

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9474

pk\_suc: 0.0526

pk\_per: 0

through: 4.5102e+005

energyeff: 2.6995e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=15, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9528

pk\_suc: 0.0469

pk\_per: 3.1690e-004

through: 4.2290e+005

energyeff: 2.9448e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=15, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 2 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9513

pk\_suc: 0.0471

pk\_per: 0.0016

through: 4.1064e+005

energyeff: 2.7610e-007

---------------------------------------------------------------

sim.time is: 2-1-16-29

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9473

pk\_suc: 0.0527

pk\_per: 0

through: 4.5072e+005

energyeff: 2.6958e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=15, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9524

pk\_suc: 0.0472

pk\_per: 3.9635e-004

through: 4.2684e+005

energyeff: 2.9258e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=15, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 9 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 3 sec...

Static =

pk\_col: 0.9517

pk\_suc: 0.0469

pk\_per: 0.0014

through: 4.0642e+005

energyeff: 2.7857e-007

Simulation AARF: n=30, snr=15, startrate=4, throughput=448618.7363

Simulation ONOE: n=30, snr=15, startrate=4, throughput=427114.2917

Simulation SAMPLE: n=30, snr=15, startrate=4, throughput=427114.2917

---------------------------------------------------------------

sim.time is: 2-1-16-29

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9483

pk\_suc: 0.0517

pk\_per: 0

through: 4.4329e+005

energyeff: 2.7445e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=20, startrate=4 is running iteration 1. Please be patient...

Static =

pk\_col: 0.9524

pk\_suc: 0.0475

pk\_per: 6.9391e-005

through: 4.2920e+005

energyeff: 2.9053e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=20, startrate=4 is running iteration 1. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 1 sec...

Static =

pk\_col: 0.9519

pk\_suc: 0.0478

pk\_per: 3.2279e-004

through: 4.1510e+005

energyeff: 2.7595e-007

---------------------------------------------------------------

sim.time is: 2-1-16-30

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9477

pk\_suc: 0.0523

pk\_per: 0

through: 4.4864e+005

energyeff: 2.7132e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=20, startrate=4 is running iteration 2. Please be patient...

Static =

pk\_col: 0.9525

pk\_suc: 0.0475

pk\_per: 5.2006e-005

through: 4.2821e+005

energyeff: 2.9077e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=20, startrate=4 is running iteration 2. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 10 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Static =

pk\_col: 0.9525

pk\_suc: 0.0471

pk\_per: 4.0415e-004

through: 4.1079e+005

energyeff: 2.7755e-007

---------------------------------------------------------------

sim.time is: 2-1-16-30

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9472

pk\_suc: 0.0528

pk\_per: 0

through: 4.5316e+005

energyeff: 2.6898e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=20, startrate=4 is running iteration 3. Please be patient...

Static =

pk\_col: 0.9508

pk\_suc: 0.0491

pk\_per: 6.2724e-005

through: 4.4262e+005

energyeff: 2.8097e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=20, startrate=4 is running iteration 3. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 8 sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 5 sec...

Expected time to conclusion: 4 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9525

pk\_suc: 0.0470

pk\_per: 5.4029e-004

through: 4.1011e+005

energyeff: 2.7755e-007

---------------------------------------------------------------

sim.time is: 2-1-16-31

number of packets to be simulated: 5478

---------------------------------------------------------------

Simulation AARF: n=30, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9476

pk\_suc: 0.0524

pk\_per: 0

through: 4.4768e+005

energyeff: 2.7089e-007

---------------------------------------------------------------

Simulation ONOE: n=30, snr=20, startrate=4 is running iteration 4. Please be patient...

Static =

pk\_col: 0.9516

pk\_suc: 0.0483

pk\_per: 6.1718e-005

through: 4.3628e+005

energyeff: 2.8568e-007

---------------------------------------------------------------

Simulation Sample: n=30, snr=20, startrate=4 is running iteration 4. Please be patient...

Expected time to conclusion: Inf sec...

Expected time to conclusion: 7 sec...

Expected time to conclusion: 6 sec...

Expected time to conclusion: 3 sec...

Expected time to conclusion: 2 sec...

Static =

pk\_col: 0.9521

pk\_suc: 0.0472

pk\_per: 6.1216e-004

through: 4.1249e+005

energyeff: 2.7551e-007

Simulation AARF: n=30, snr=20, startrate=4, throughput=448193.4836

Simulation ONOE: n=30, snr=20, startrate=4, throughput=434077.5752

Simulation SAMPLE: n=30, snr=20, startrate=4, throughput=434077.5752

current time is: 2-1-16-31

Done, bye.

---------------------------------------------------------------

>>