File = Fake_databignosnp.tif, delta theta = 1, delta rho = 1, SNR = nonoise.
Only LM solver
Black: Fake data line parameters.
Red: Detection. (Gaussian masks determined by program was used)

StartX: 147.994 StartY: 32.8812 EndX: 167.9939 EndY :45.98487
Length 23.91038

StartX:148.11014 StartY:32.87689 EndX:167.947539 EndY: 46.05476
Length: 23.815511
Error : StartX = 0.17, StartY = 0.065, EndX = 0.046, EndY = 0.07 , Length = 0.095

StartX : 92.8676 StartY : 5.4997 EndX : 112.8676 EndY : 21.13153
Length 25.38412

StartX: 92.7555 StartY: 5.341061 EndX: 113.117144 EndY: 21.46082
Length: 25.9700

Error : StartX = 0.112, StartY = 0.158, EndX = 0.249, EndY = 0.329 , Length = 0.585

StartX: 46.9581 StartY: 73.9193 EndX: 66.95812 EndY :78.34778
Length 20.4844

StartX:47.221215 StartY:73.93651 EndX:66.8584 EndY: 78.4061
Length: 20.139468

Error : StartX = 0.263, StartY = 0.017, EndX = 0.09, EndY = 0.06 , Length = 0.345

StartX: 106.0607 StartY: 183.0128 EndX: 126.0607 EndY :184.7074
Length 20.07166

StartX:106.2703 StartY:183.009 EndX:126.7759 EndY: 184.78914
Length: 20.58271

Error : StartX = 0.21, StartY = 0.004, EndX = 0.72, EndY = 0.08, Length = 0.511

StartX: 41.379541 StartY: 80.073 EndX: 61.37954 EndY : 94.4024
Length 24.6033

StartX:41.4534326 StartY:80.007794 EndX:61.64963 EndY: 94.742565
Length: 25.0

Error : StartX = 0.074, StartY = 0.065, EndX = 0.27, EndY = 0.34 , Length = 0.4

StartX: 100.599 StartY: 47.243269 EndX: 120.5994 EndY :50.00073

Length 20.18919

StartX:100.80525 StartY:47.23805 EndX:121.19532 EndY: 50.11815

Length: 20.5924741

Error : StartX = 0.2, StartY = 0.005, EndX = 0.596, EndY = 0.12 , Length = 0.4

StartX: 7.79435 StartY: 33.1048 EndX: 27.7944 EndY :52.91969

Length 28.1536

StartX:7.852730 StartY:32.99194 EndX:28.336868 EndY: 53.62822

Length: 29.076732

Error : StartX = 0.058, StartY = 0.113, EndX = 0.54, EndY = 0.71 , Length = 0.92

StartX: 45.3096 StartY: 158.025 EndX: 65.3096 EndY :176.277

Length 27.07645

StartX:45.256584 StartY:157.922312 EndX:65.916638 EndY: 176.864818

Length: 28.0295

Error : StartX = 0.053, StartY = 0.1, EndX = 0.61, EndY = 0.6 , Length = 0.95

StartX: 55.34645 StartY: 40.82695 EndX: 75.3464 EndY :56.43092

Length 25.36698

StartX:55.45550 StartY:40.76362 EndX:75.73623 EndY: 56.8833

Length: 25.90662

Error : StartX = 0.11, StartY = 0.06, EndX = 0.4, EndY = 0.45 , Length = 0.54