

File = Fake_databigsnp.tif, delta theta = 1, delta rho = 1, SNR = no noise.
Black: Fake data line parameters.
Red: Detection.

StartX: 147.99397954559853 StartY: 32.88119775551587
EndX: 167.99397954559853 EndY :45.984869141998246
Slope: 0.6551835693241188 Intercept: -64.08202600165001 Length 23.91037857928889

StartX:148.2952269004583 StartY:32.961774923668465
EndX:167.7676965609127EndY: 45.953407464880456
Slope: 0.6671794984277726 Intercept :-65.97776017901202 Length: 23.4085367070049

StartX: 92.8676372377067 StartY: 5.499718994655133
EndX: 112.8676372377067 EndY :21.131534922414605
Slope: 0.7815907963879736 Intercept: -67.08477155263347 Length 25.384122383871276

StartX:93.12557613781749 StartY:5.6378075357849555
EndX:113.09494245934818EndY: 21.37270180811705
Slope: 0.7879516064246344 Intercept :-67.74063978122793 Length: 25.423660024570683

StartX: 46.95812894108671 StartY: 73.9193397629198
EndX: 66.95812894108671 EndY :78.3477854435783
Slope: 0.2214222840329249 Intercept: 63.52176359887179 Length 20.484411906289694

StartX:47.38102301608802 StartY:73.88668063275878
EndX:67.03831133814415EndY: 78.49218300217512
Slope: 0.23428981118666378 Intercept :62.78578969648855 Length: 20.189592275505316

StartX: 106.06073273206955 StartY: 183.01279696011633
EndX: 126.06073273206955 EndY :184.70741244170682
Slope: 0.08473077407952445 Intercept: 174.02618897628653 Length 20.071664645226768

StartX:106.51437377346426 StartY:182.96022025949787
EndX:126.53211269646354EndY: 184.83836916345103
Slope: 0.0938242281597184 Intercept :172.96659135228683 Length: 20.10565380421092

StartX: 41.379541842397856 StartY: 80.073242656372
EndX: 61.379541842397856 EndY :94.4024072043764
Slope: 0.71645822740022 Intercept: 50.4265294573344 Length 24.6033525488659

StartX:41.64753950654199 StartY:80.20790150584273
EndX:61.43405173811988EndY: 94.49865990533291
Slope: 0.7222474700055089 Intercept :50.12807146528829 Length: 24.407618522153708

StartX: 100.59945184657138 StartY: 47.24326969725762
EndX: 120.59945184657138 EndY :50.00073903143623
Slope: 0.1378734667089308 Intercept: 33.37327452215267 Length 20.18919604959384

StartX:101.04308950705554 StartY:47.22618763479237
EndX:120.95901956557171EndY: 50.12855851262474
Slope: 0.1457311242460055 Intercept :32.5010646036394 Length: 20.12630186616998

StartX: 7.794350587783296 StartY: 33.10481325801554
EndX: 27.794350587783295 EndY :52.91969866168526
Slope: 0.990744270183486 Intercept: 25.38260507336795 Length 28.153679751687225

StartX:8.013527952428845 StartY:33.29164478619643
EndX:28.176388386575415EndY: 53.32851726954179
Slope: 0.9937514842592551 Intercept :25.328189489317236 Length: 28.425643348932596

StartX: 45.30959973137538 StartY: 158.02503112977763
EndX: 65.30959973137539 EndY :176.27699530569882
Slope: 0.912598208796059 Intercept: 116.67557157365806 Length 27.07645095427225

45.53223810081539 StartY:158.20548684095235
EndX:65.76913980457874EndY: 176.71909471650775
Slope: 0.9148439887965918 Intercept :116.55059251796624 Length: 27.427830157298395

StartX: 55.346451860313366 StartY: 40.826958488144356
EndX: 75.34645186031337 EndY :56.4309289796462

Slope: 0.780198524575092 Intercept: -2.354261593738485 Length 25.366984351705273

StartX:55.61985858004615 StartY:40.945043466556434

EndX:75.57213116566126EndY: 56.702230503523865

Slope: 0.7897439737430115 Intercept :-2.980404667473543 Length: 25.42404618955572