

SAR IMAGE DATASET

Sift accuracy = 77.13%

Sar-sift accuracy=95.54%

m_1 = number of mapped features shown in combined image

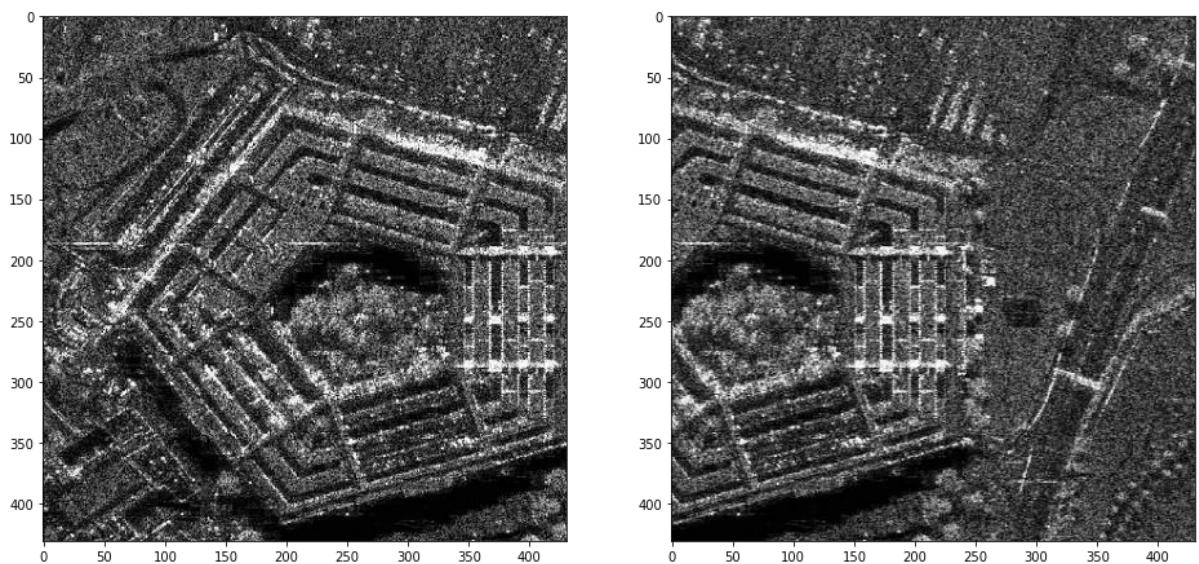
m_2 = number of mapped features shown in combined image

f_1 = features points in 1st image

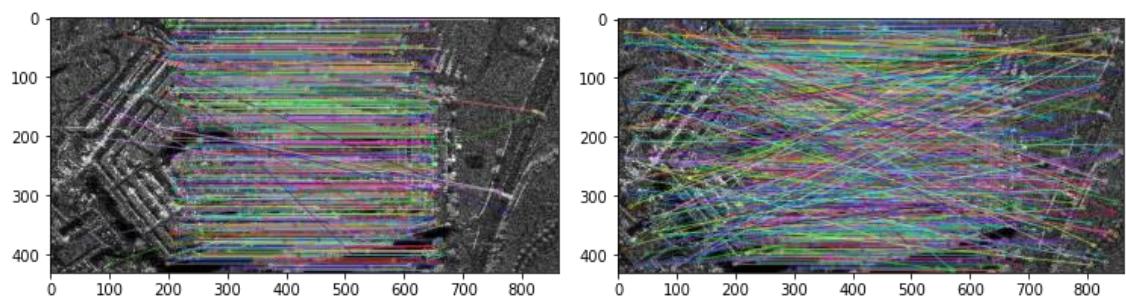
f_2 =features points in 2nd image

tm = total number of features mapped in two images

a = accuracy of two images = m_1/tm



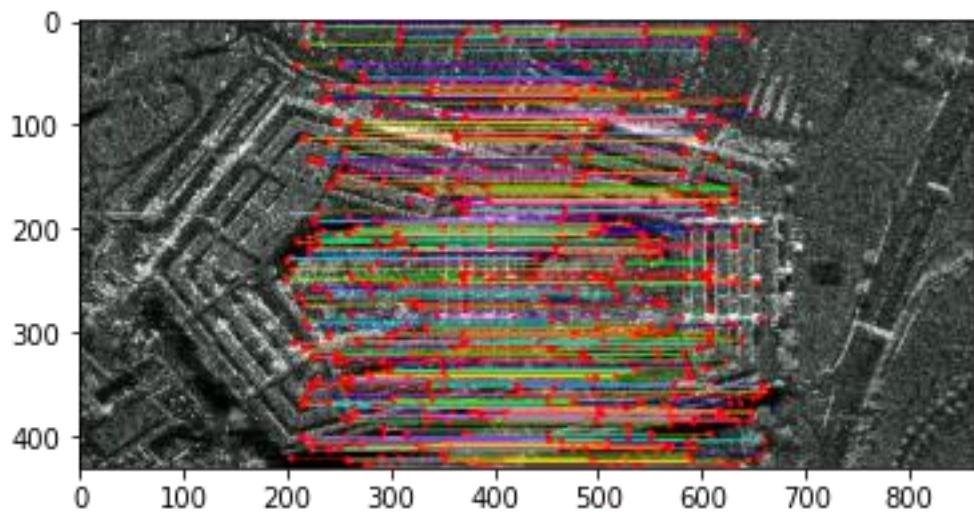
SIFT



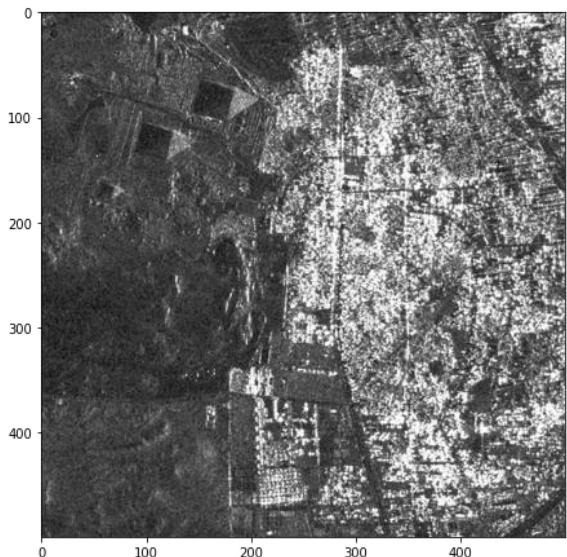
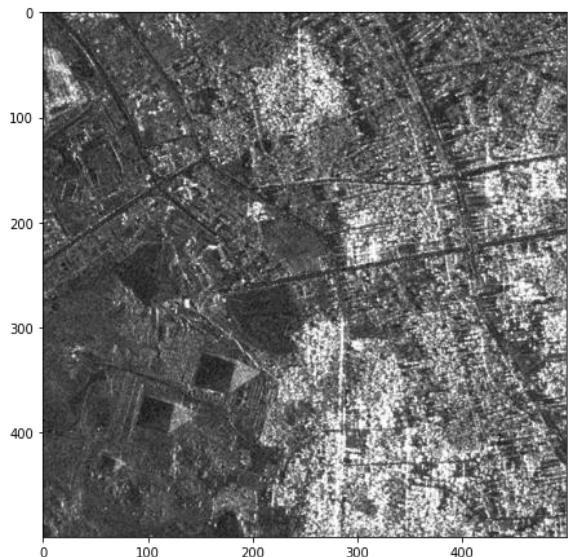
$m_1 = 800, m_2 = 1021$

$f_1=2037, f_2=2198, t_m=1021, a=77.96\%$

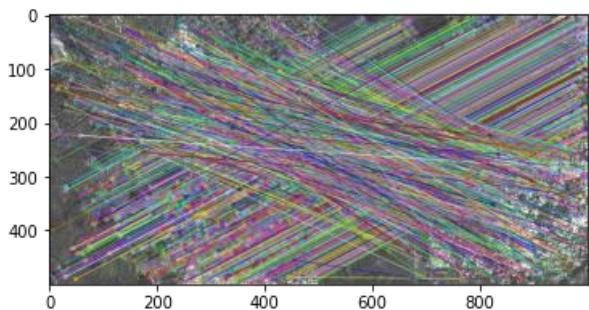
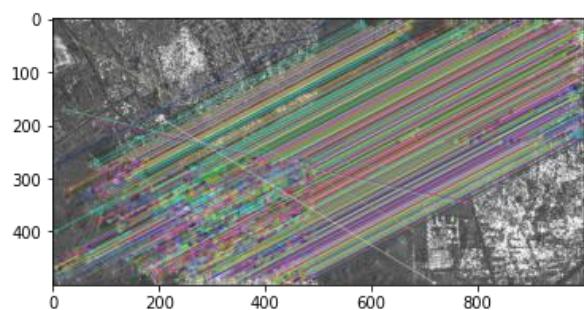
SAR-SIFT



$f_1 = 1917, f_2 = 1474, t_m=511, a=97\%$



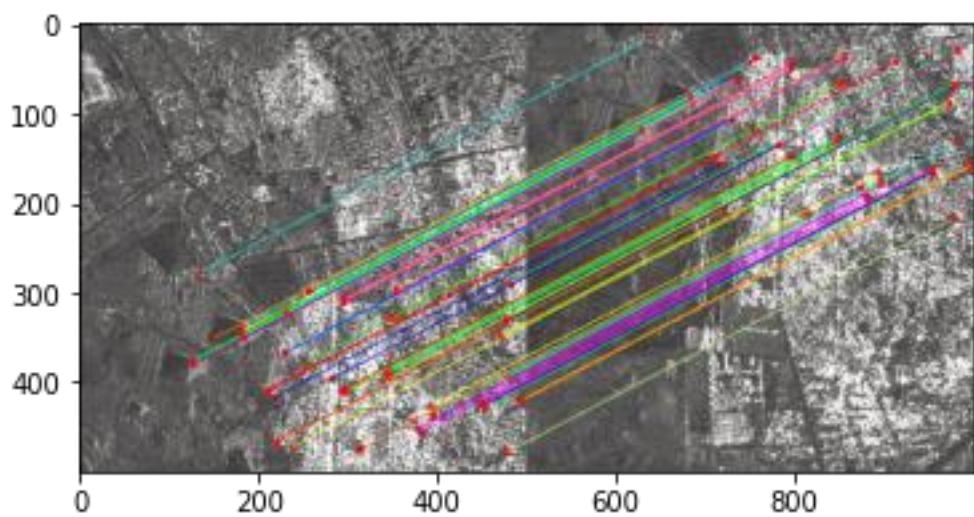
SIFT



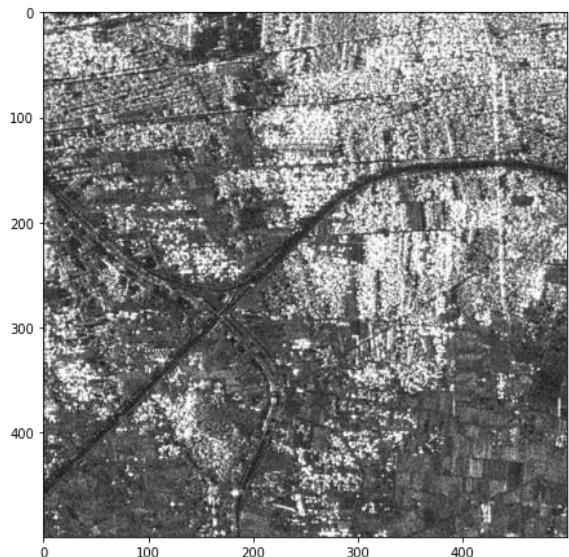
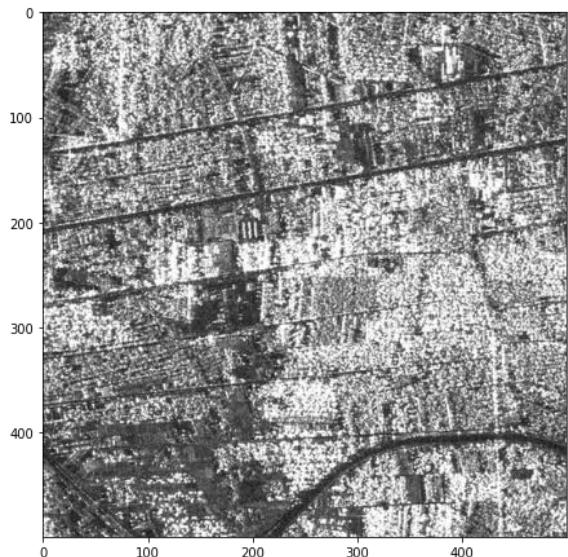
$m_1 = 2030, m_2 = 2464$

$f_1=4339, f_2=4167, t_m=2464, a=82.38\%$

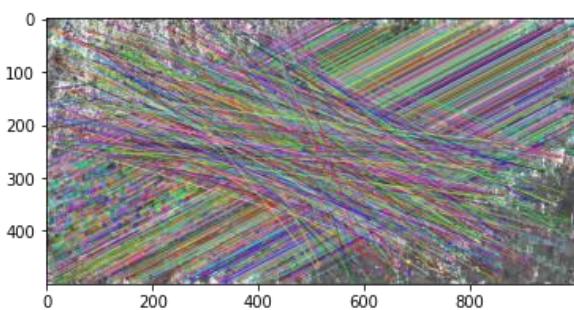
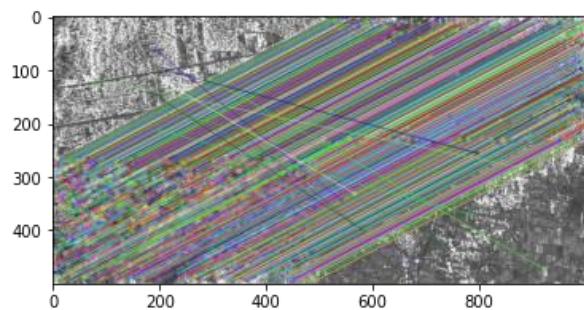
SAR-SIFT



$f_1 = 284, f_2 = 389, t_m=71, a=98.5\%$



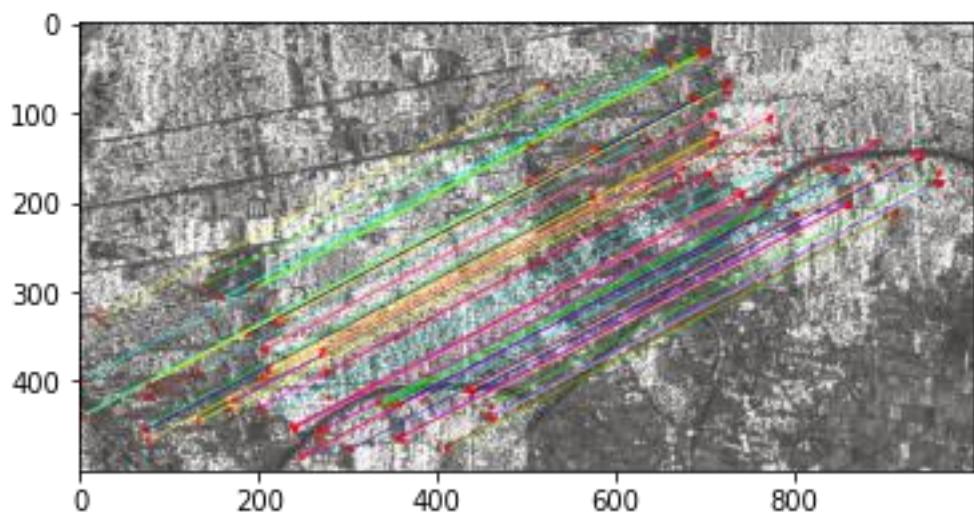
SIFT



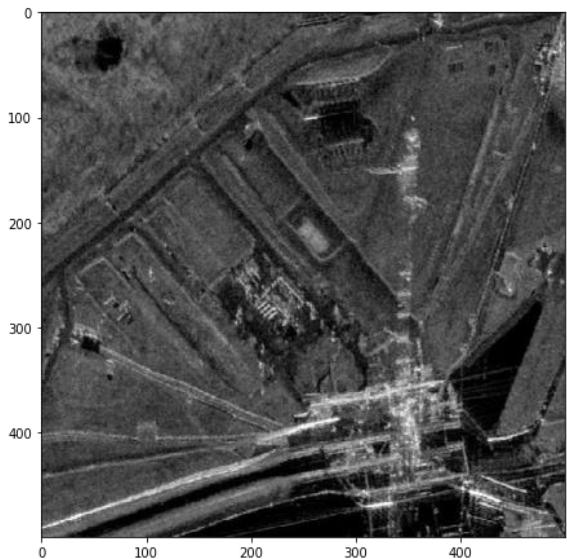
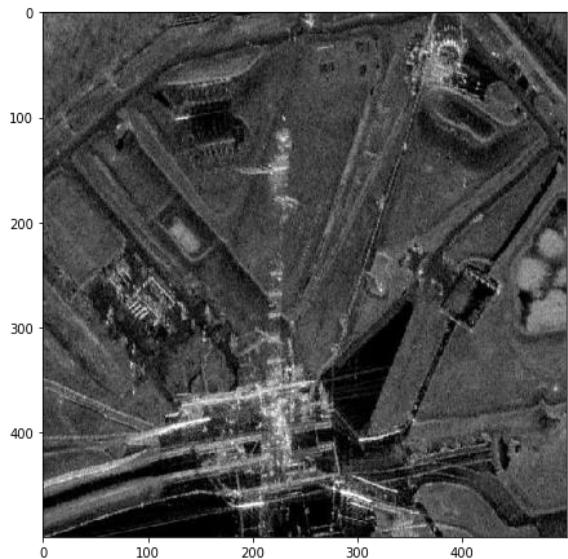
$m_1 = 2900, m_2 = 3381$

$f_1=6454, f_2=5299, tm=3381, a=85.61\%$

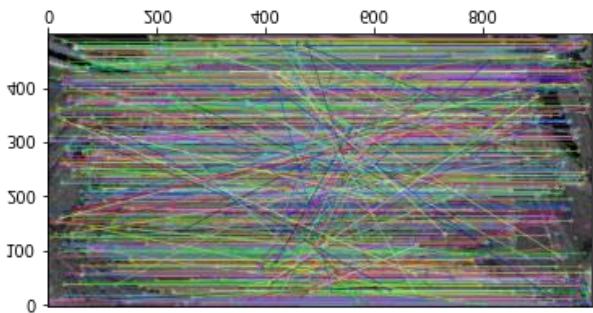
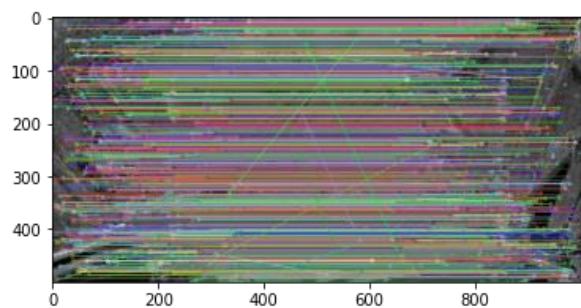
SAR-SIFT



$f_1 = 417, f_2 = 472, tm=85, a=97\%$



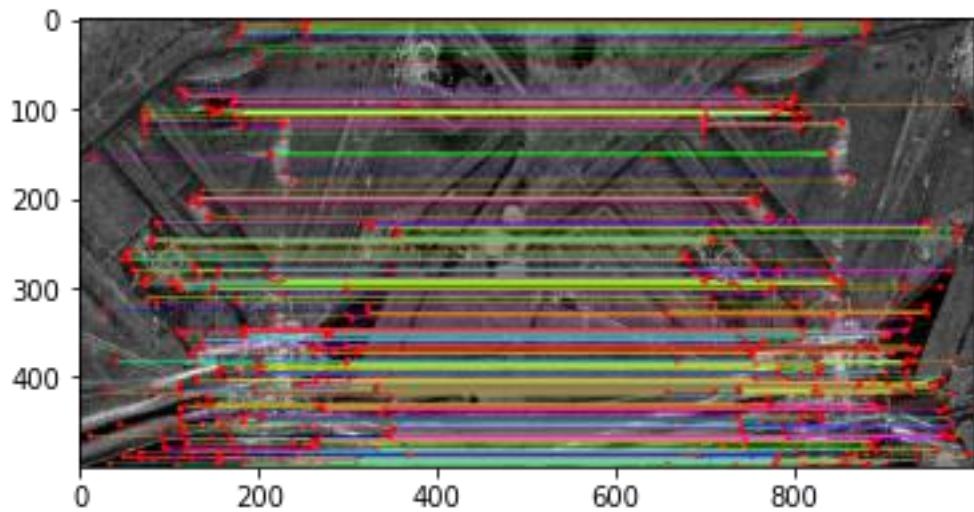
SIFT



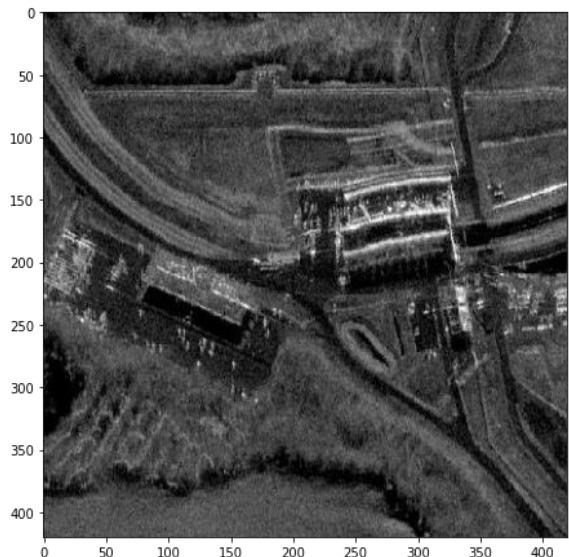
$m_1 = 1200, m_2 = 1440$

$f_1 = 2464, f_2 = 3020, t_m = 1440, a = 82.63\%$

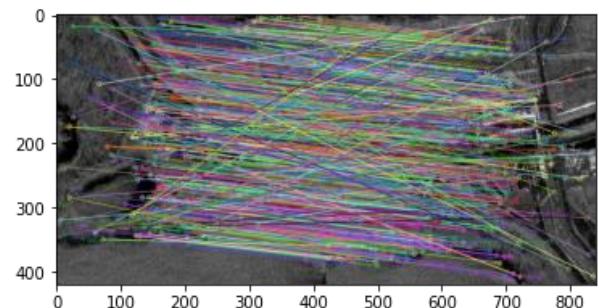
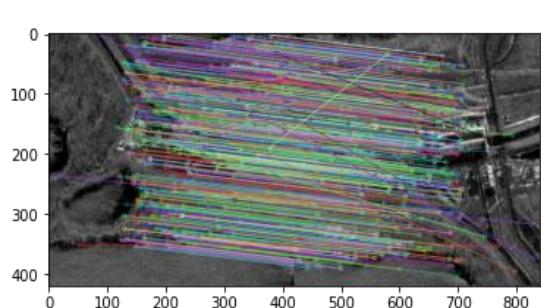
SAR-SIFT



$f_1 = 1261, f_2 = 981, t_m = 429, a = 98\%$



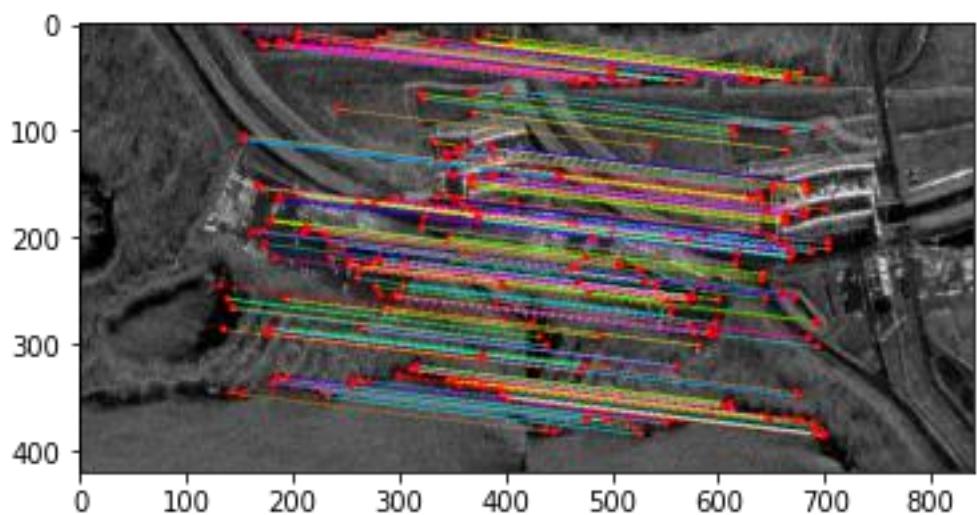
SIFT



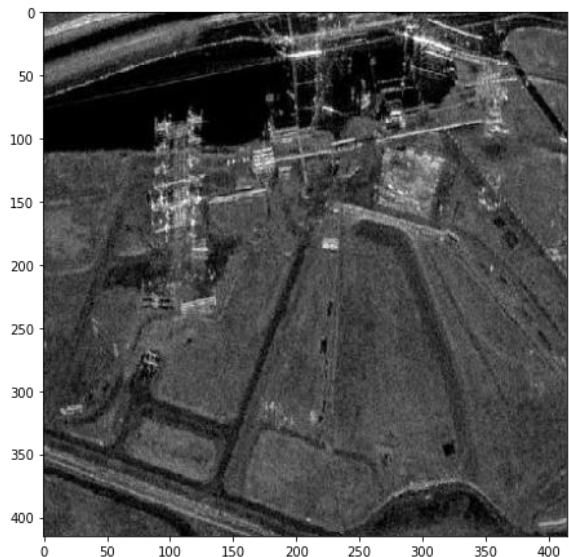
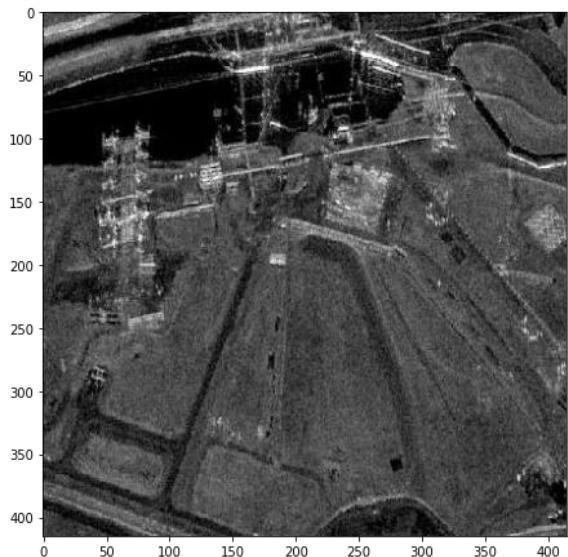
$m_1 = 800, m_2 = 904$

$f_1 = f_2 = \text{tm}=904, a=88.27\%$

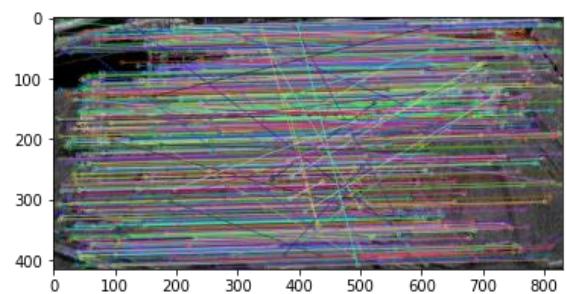
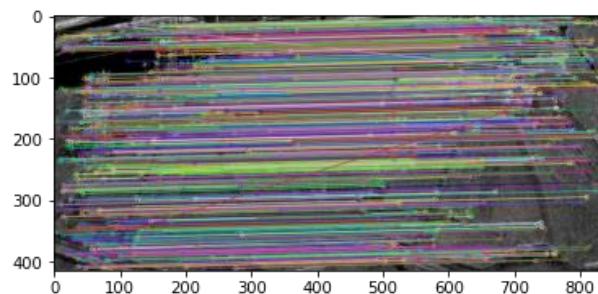
SAR-SIFT



$f_1 = 754, f_2 = 908, \text{tm}=293, a=98\%$



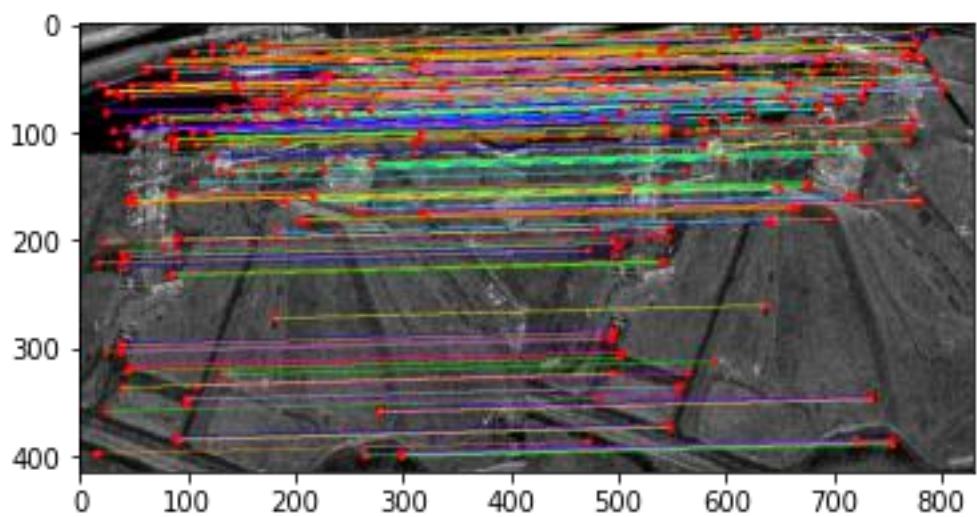
SIFT



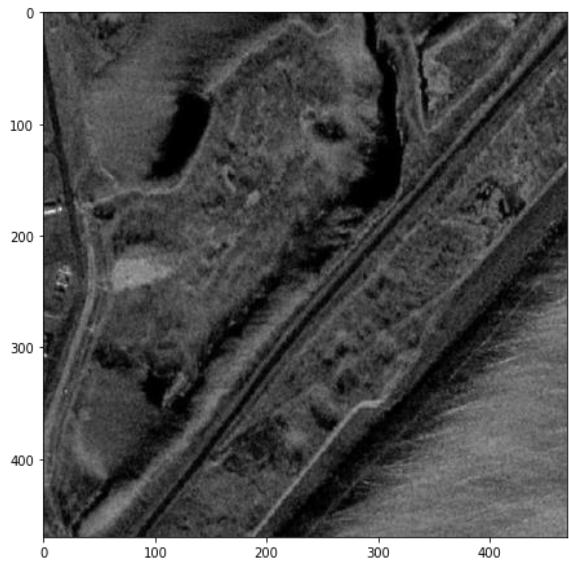
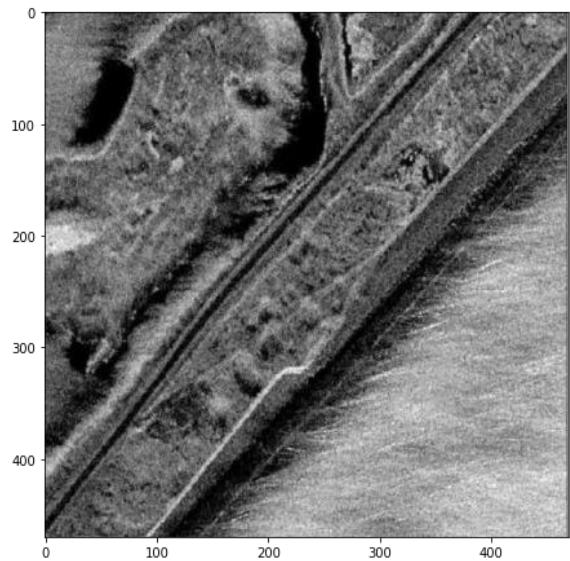
$m_1 = 900, m_2 = 1011$

$f_1=1682, f_2=1654, t_m=1011, a=88.8\%$

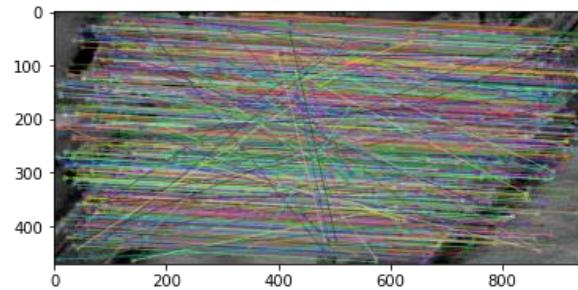
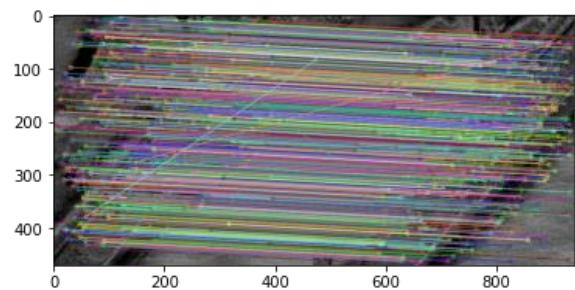
SAR-SIFT



$f_1 = 799, f_2 = 758, t_m=290, a=98\%$



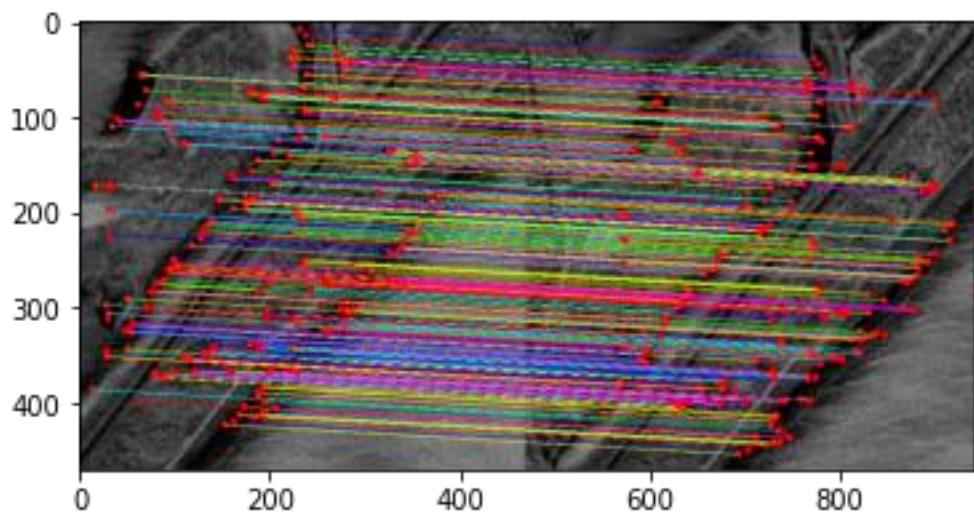
SIFT



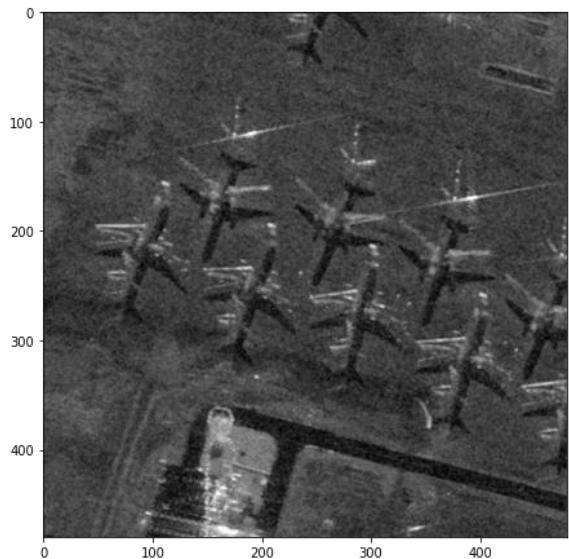
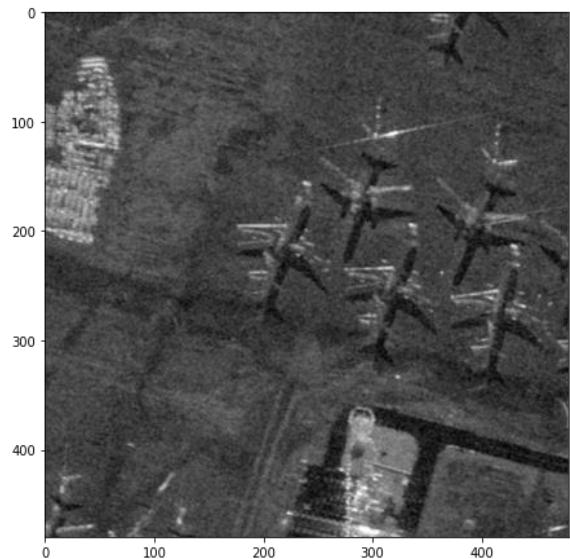
$m_1 = 1248, m_2 = 1418$

$f_1=2262, f_2=2522, t_m=1418, a=87.7\%$

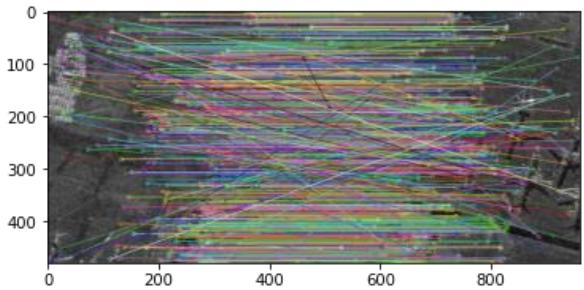
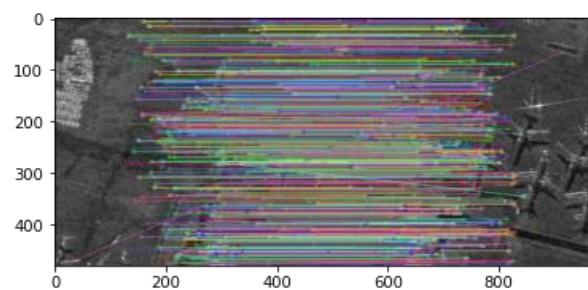
SAR-SIFT



$f_1 = 855, f_2 = 937, t_m=344, a=100\%$



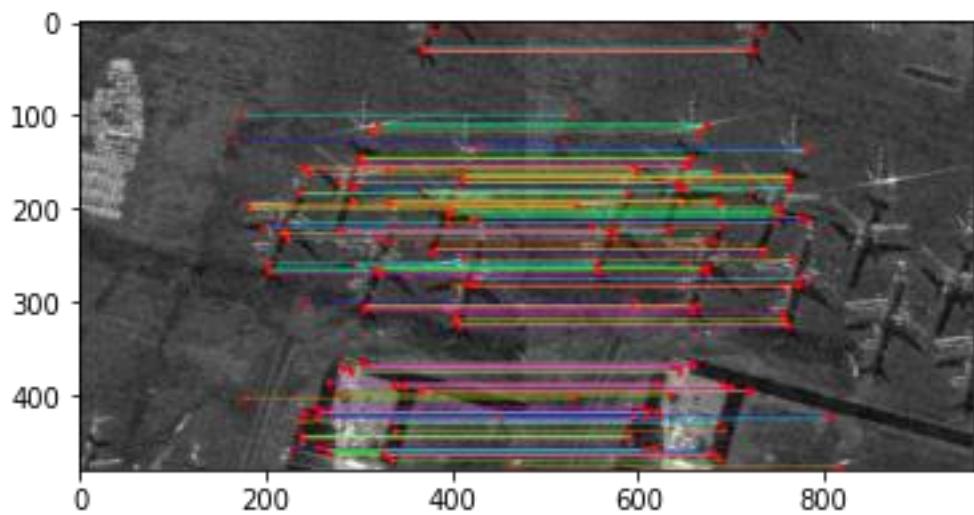
SIFT



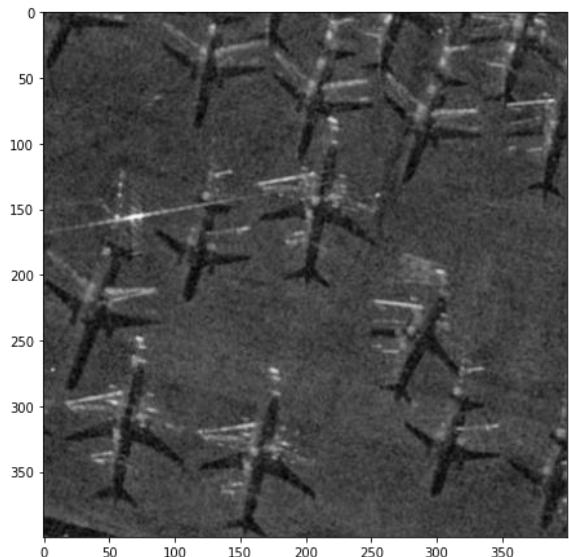
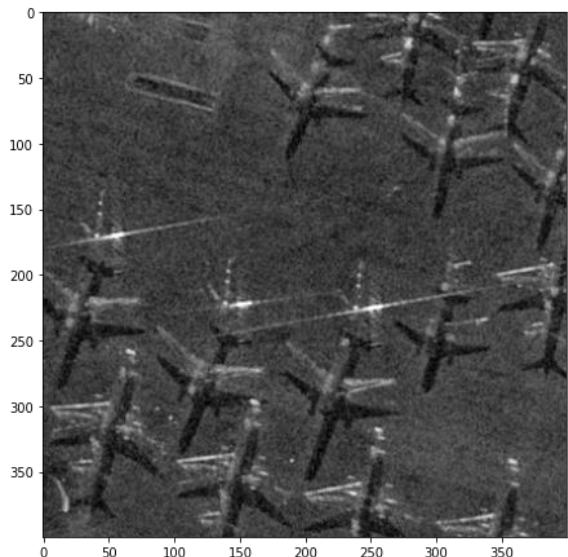
$m_1 = 1200, m_2 = 1326$

$f_1 = 2171, f_2 = 2288, t_m = 1326, a = 90.4\%$

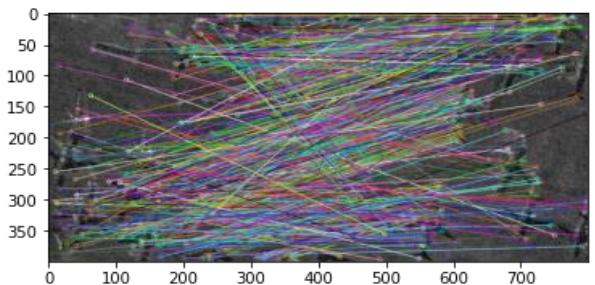
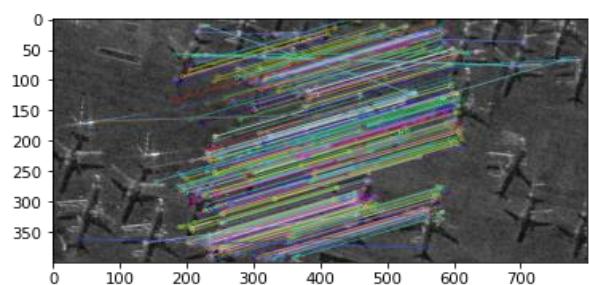
SAR-SIFT



$f_1 = 419, f_2 = 544, t_m = 178, a = 100\%$



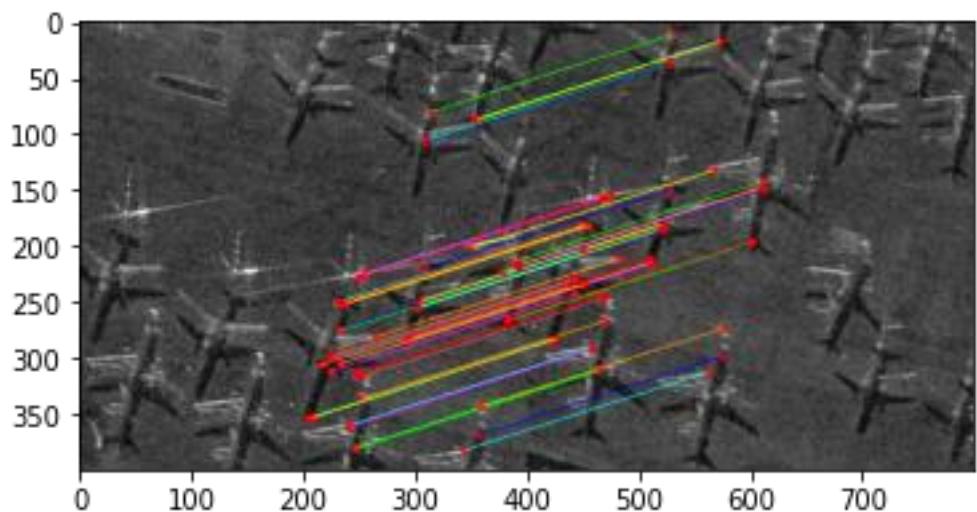
SIFT



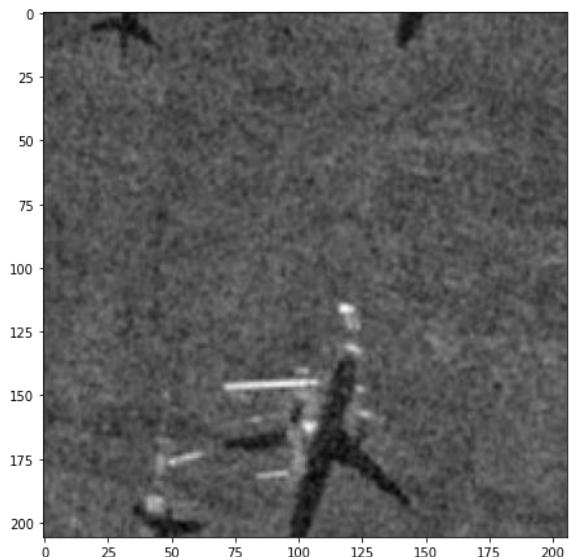
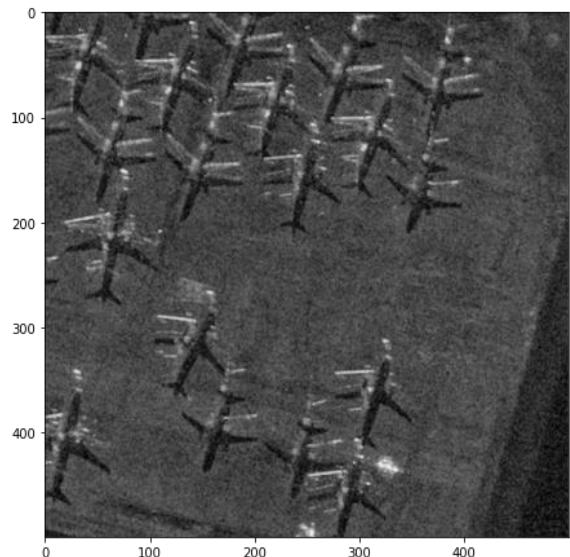
$m_1 = 440, m_2 = 728$

$f_1=1871, f_2=1614, t_m=728, a=27\%$

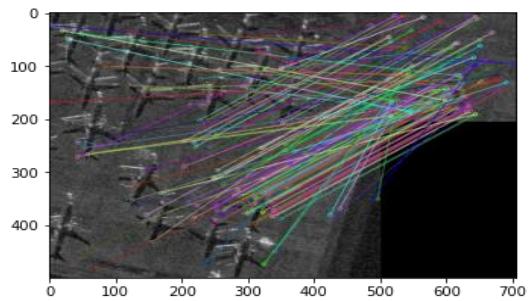
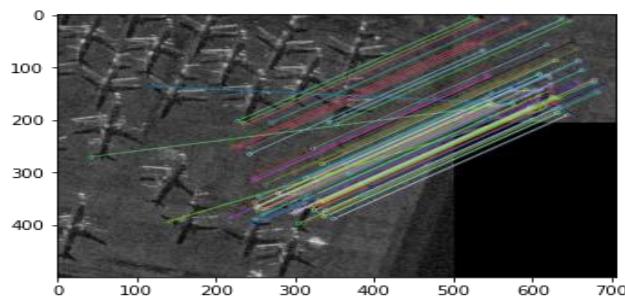
SAR-SIFT



$f_1 = 518, f_2 = 458, t_m=65, a=100\%$



SIFT

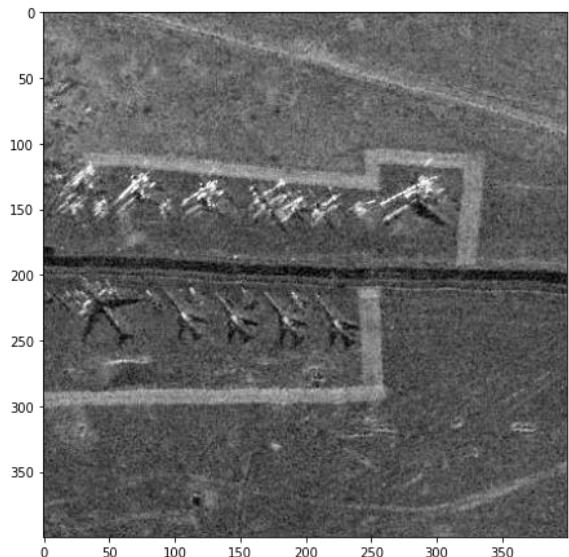
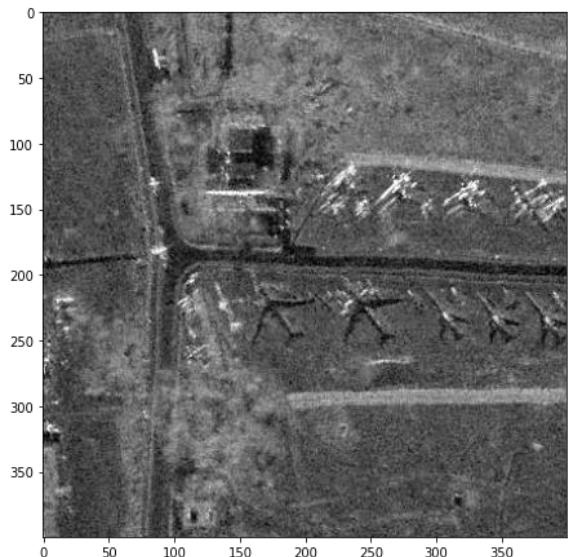


$m_1 = 120, m_2 = 171$

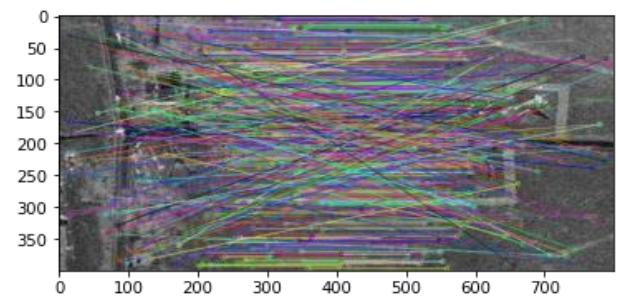
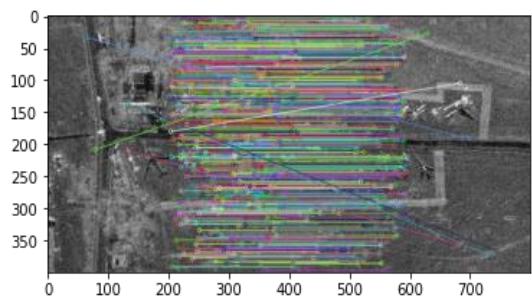
$f_1 = 2534, f_2 = 198, t_m = 171, a = 69\%$

SAR-SIFT

NOT WORKING



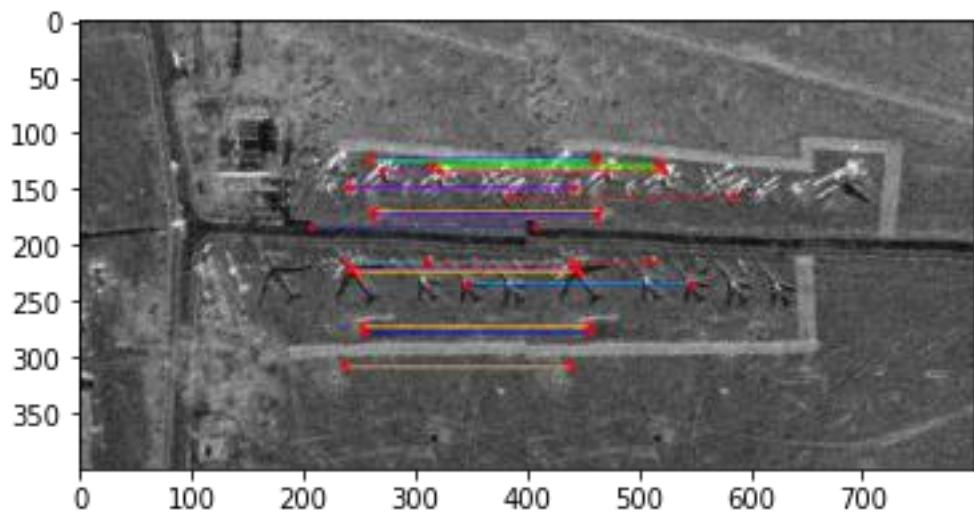
SIFT



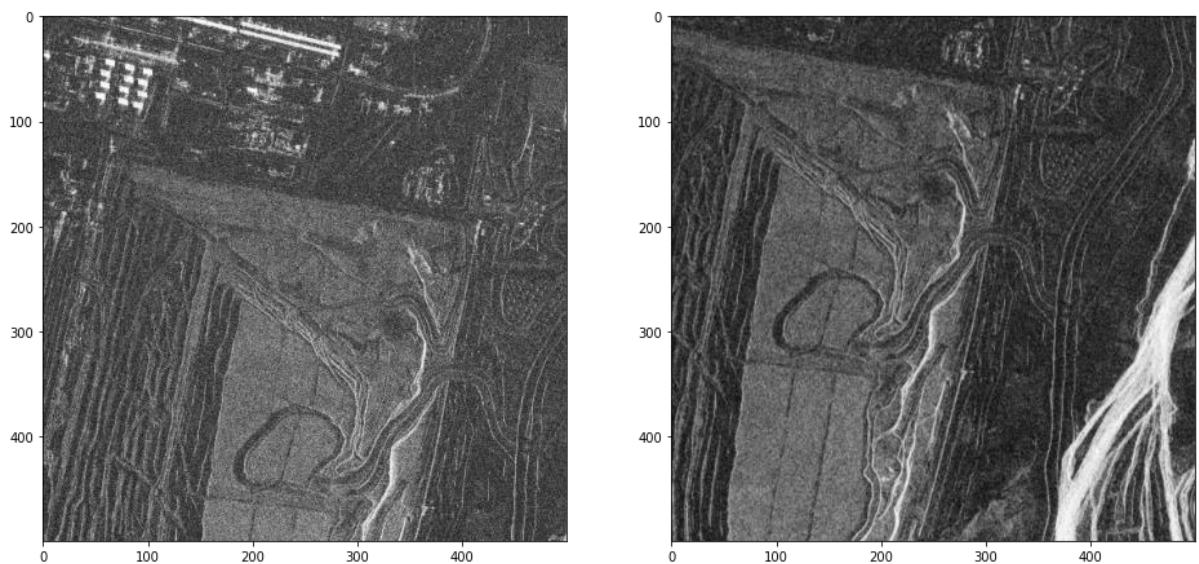
$m_1 = 800, m_2 = 912$

$f_1 = 1832, f_2 = 1489, t_m = 912, a = 87.2\%$

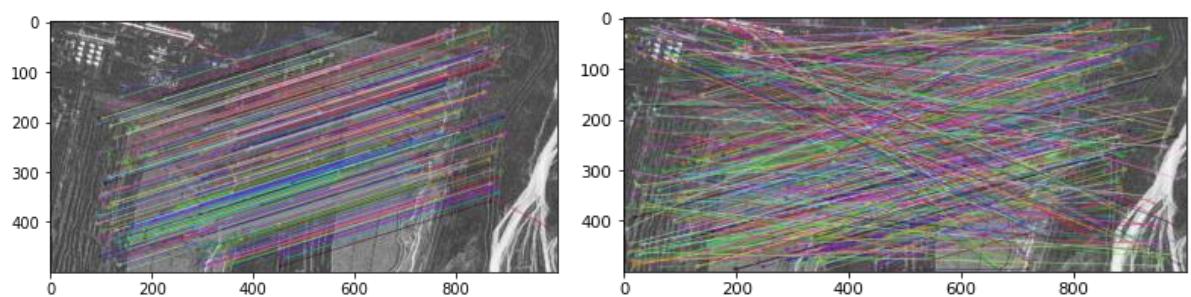
SAR-SIFT



$f_1 = 266, f_2 = 128, t_m = 33, a = 97\%$



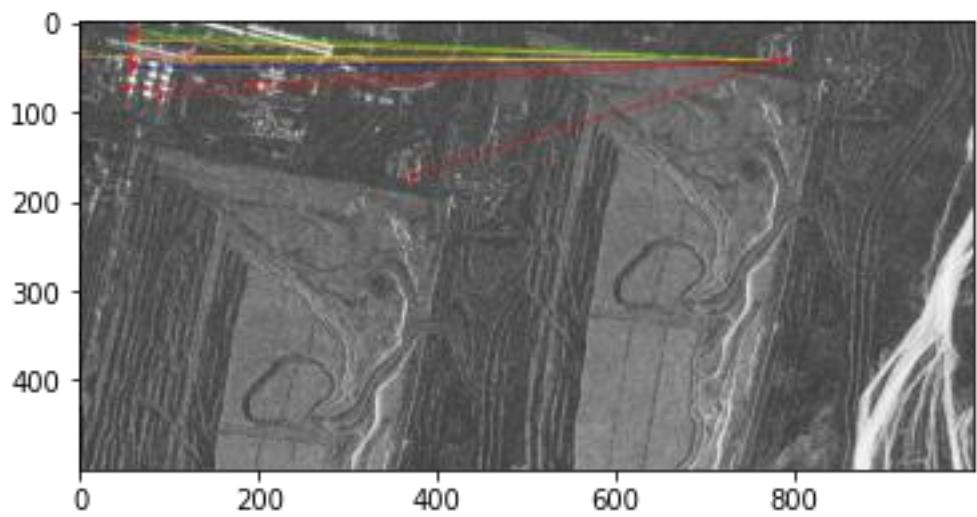
SIFT



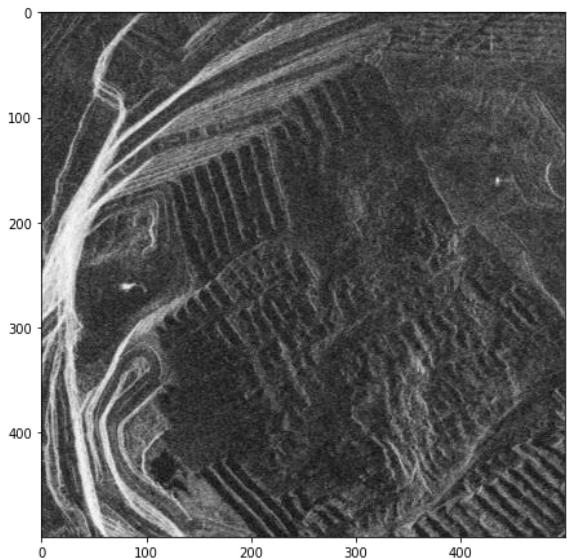
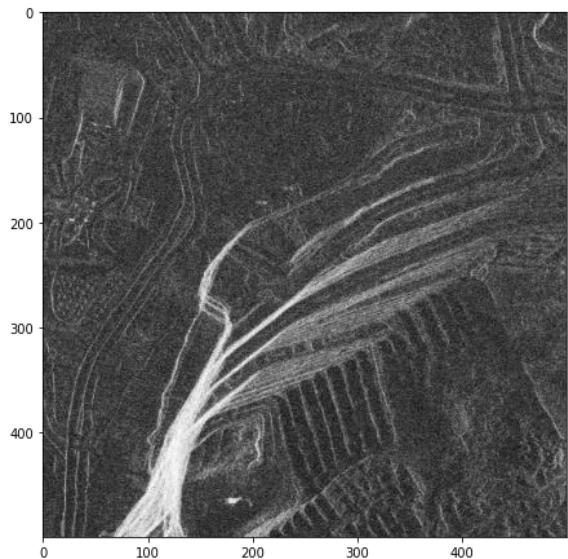
$m_1 = 450, m_2 = 731$

$f_1 = 1678, f_2 = 2258, t_m = 731, a = 61.2\%$

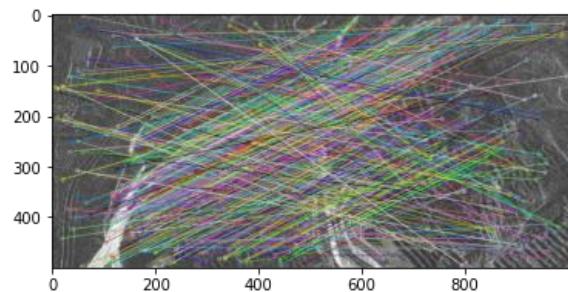
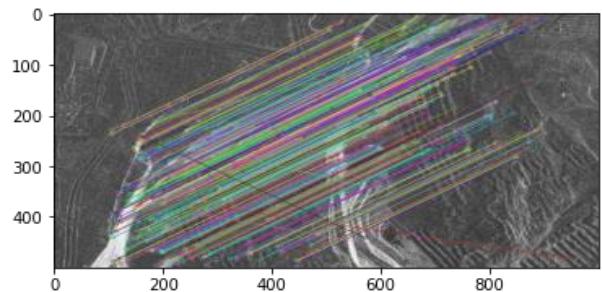
SAR-SIFT



$f_1 = 125, f_2 = 25, t_m = 13, a = 7.7\%$



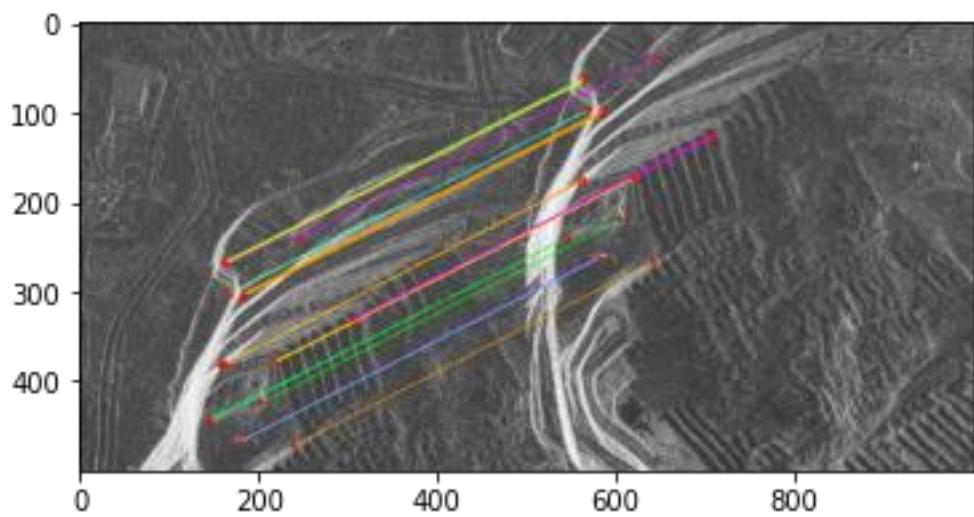
SIFT



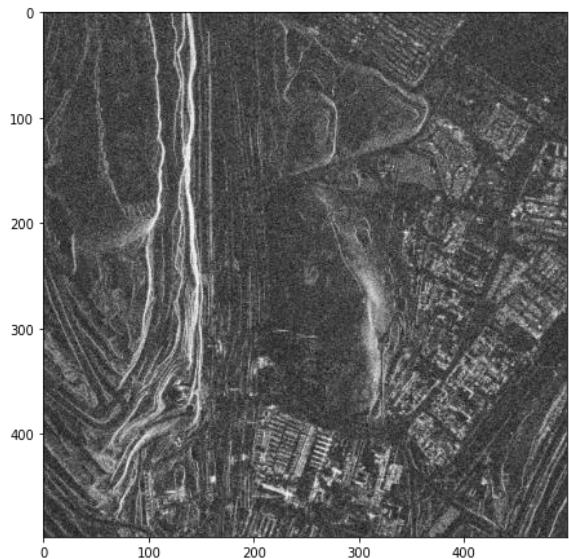
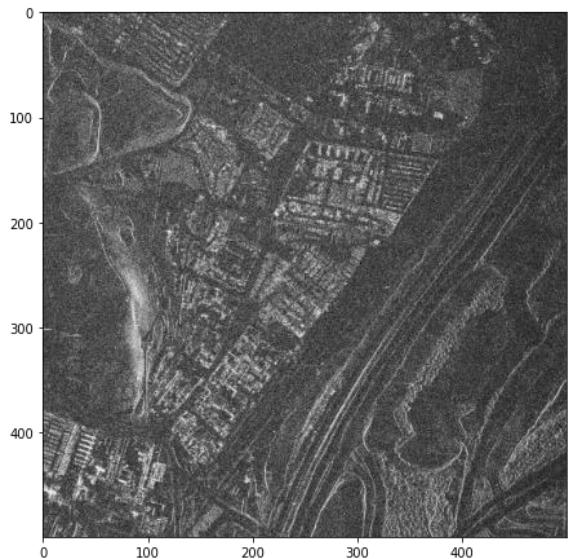
$m_1 = 460, m_2 = 642$

$f_1=1188, f_2=2218, t_m=642, a=70.7\%$

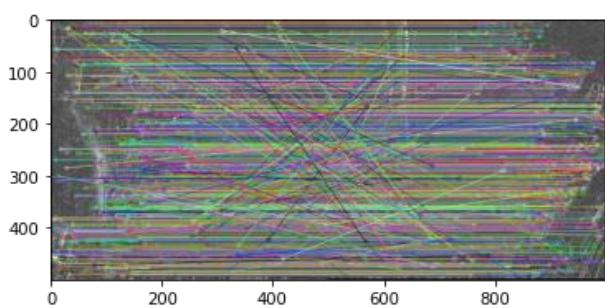
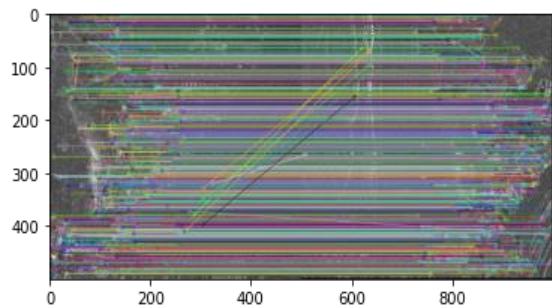
SAR-SIFT



$f_1 = 45, f_2 = 76, t_m = 23, a = 100\%$



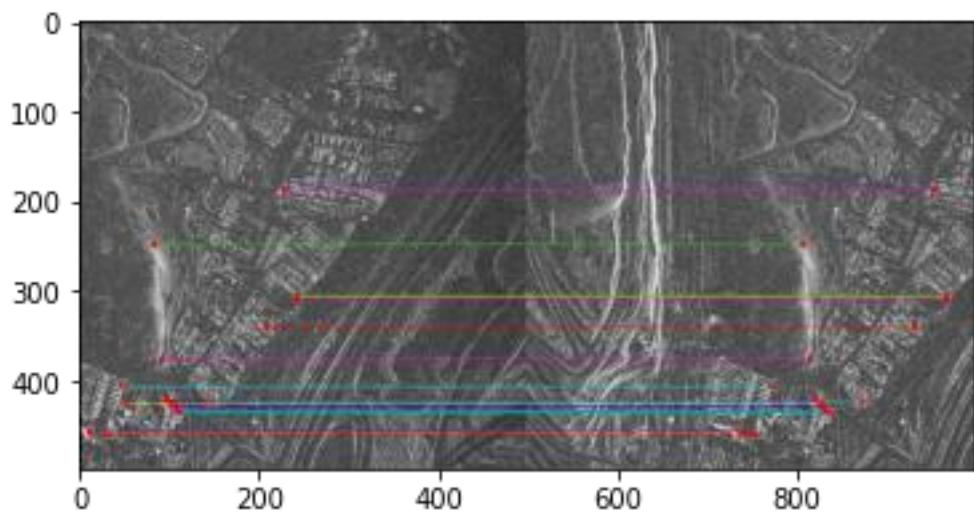
SIFT



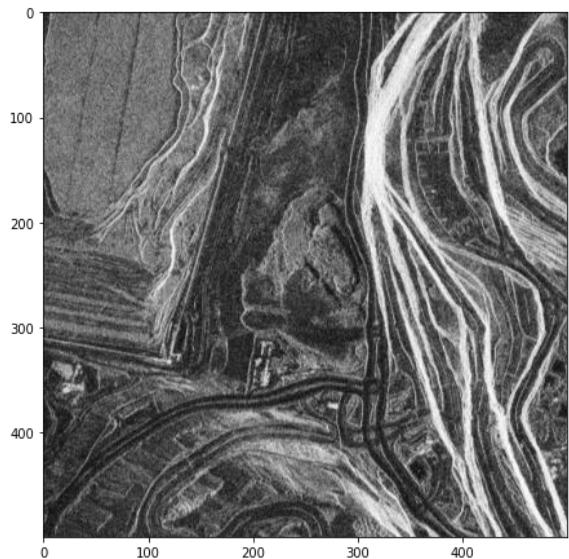
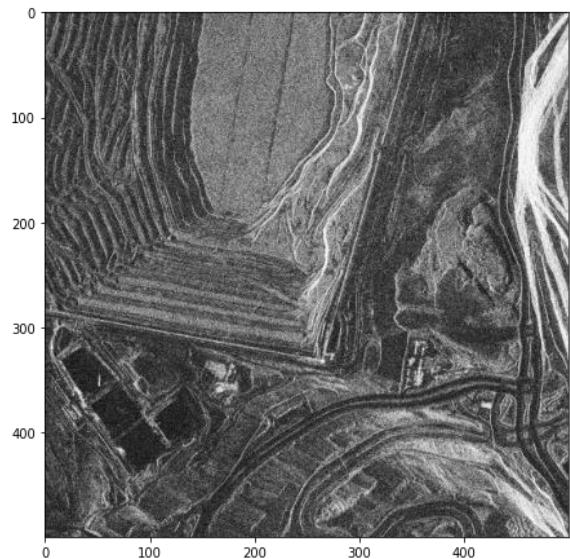
$m_1 = 840, m_2 = 1000$

$f_1=1672, f_2=2085, t_m=1000, a=83.5\%$

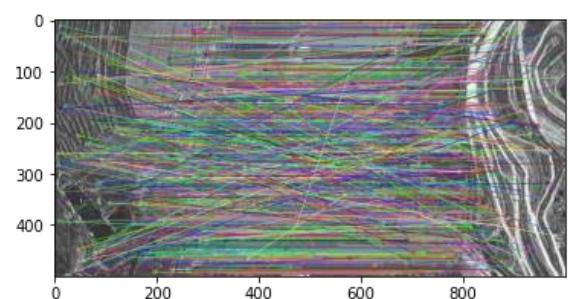
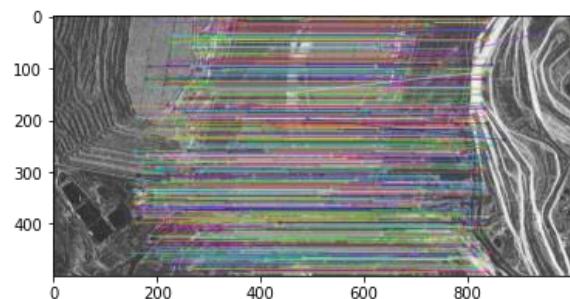
SAR-SIFT



$f_1 = 69, f_2 = 76, t_m=22, a=100\%$



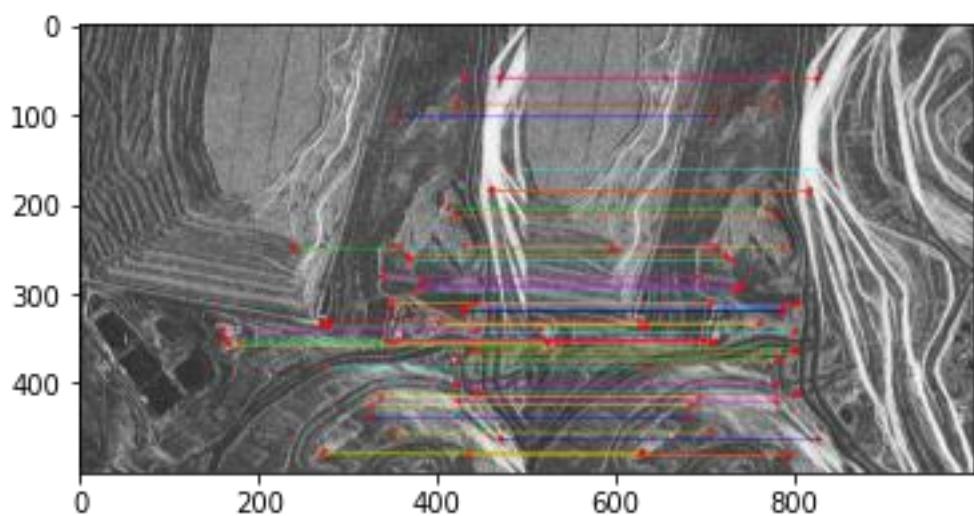
SIFT



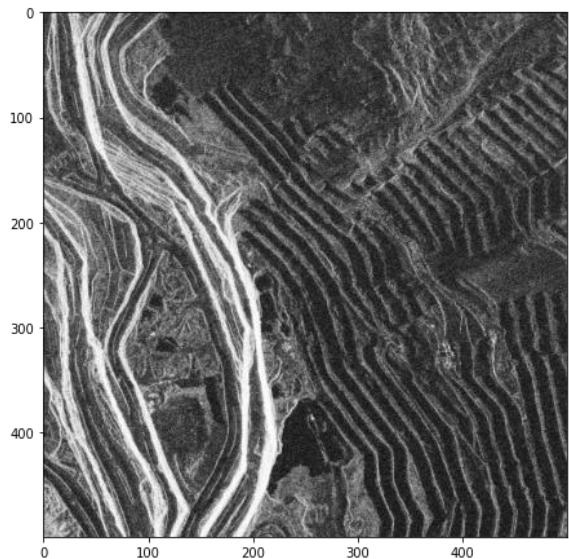
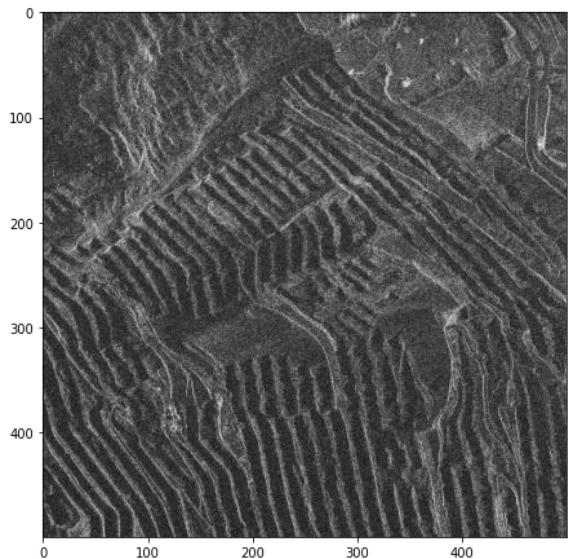
$m_1 = 900, m_2 = 1293$

$f_1=2412, f_2=3399, t_m=1293, a=70.23\%$

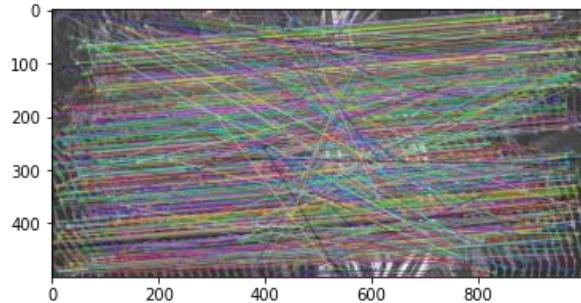
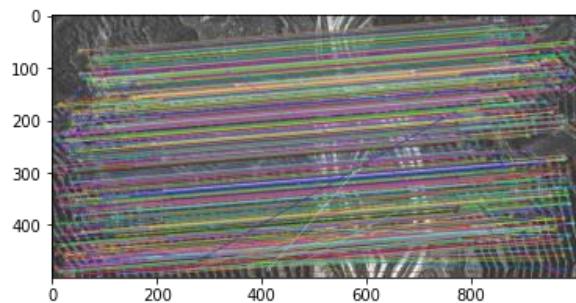
SAR-SIFT



$f_1 = 176, f_2 = 189, t_m=64, a=98\%$



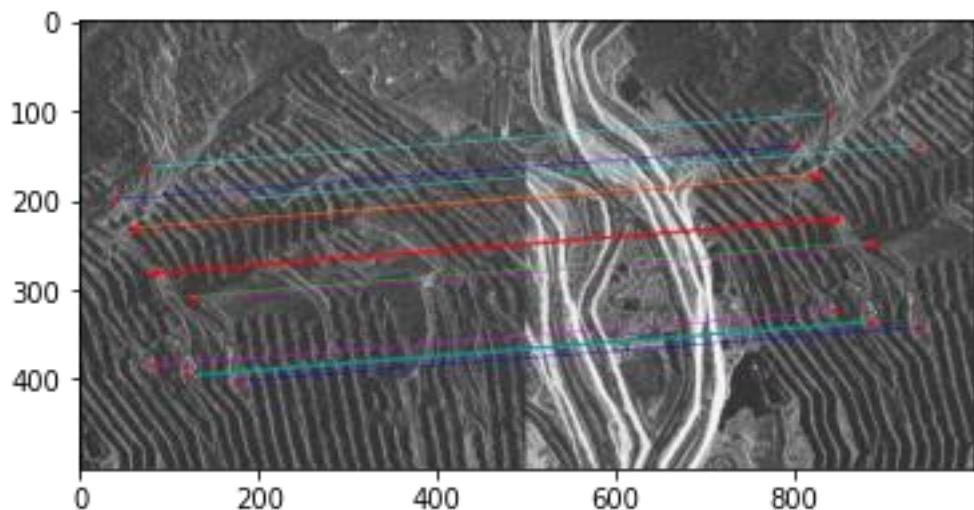
SIFT



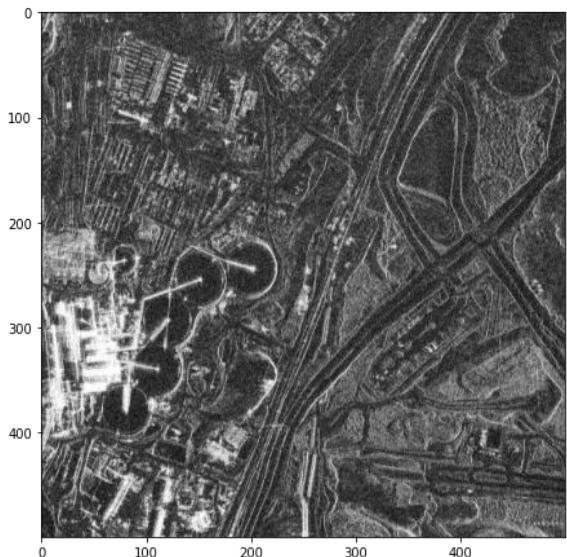
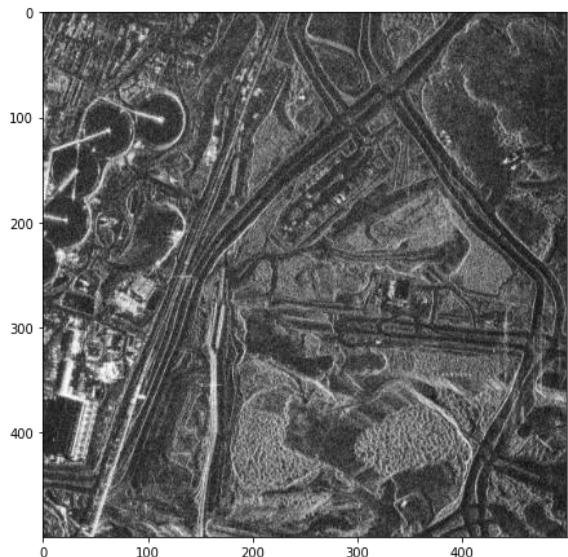
$m_1 = 800, m_2 = 1007$

$f_1 = 2477, f_2 = 3092, tm = 1007, a = 80.36\%$

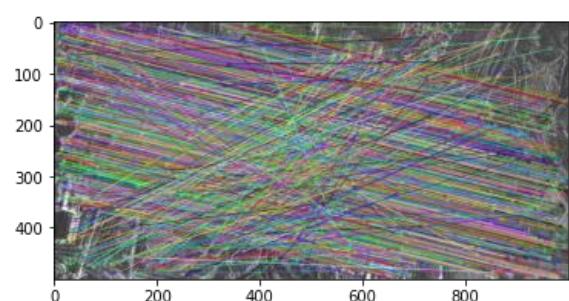
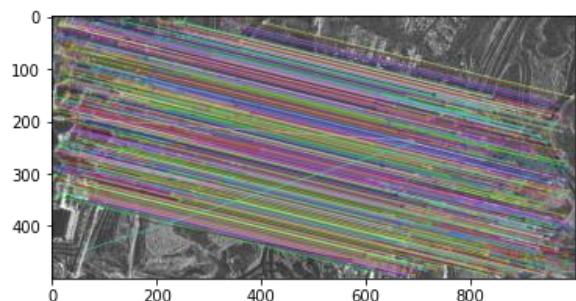
SAR-SIFT



$f_1 = 94, f_2 = 166, tm = 15, a = 100\%$



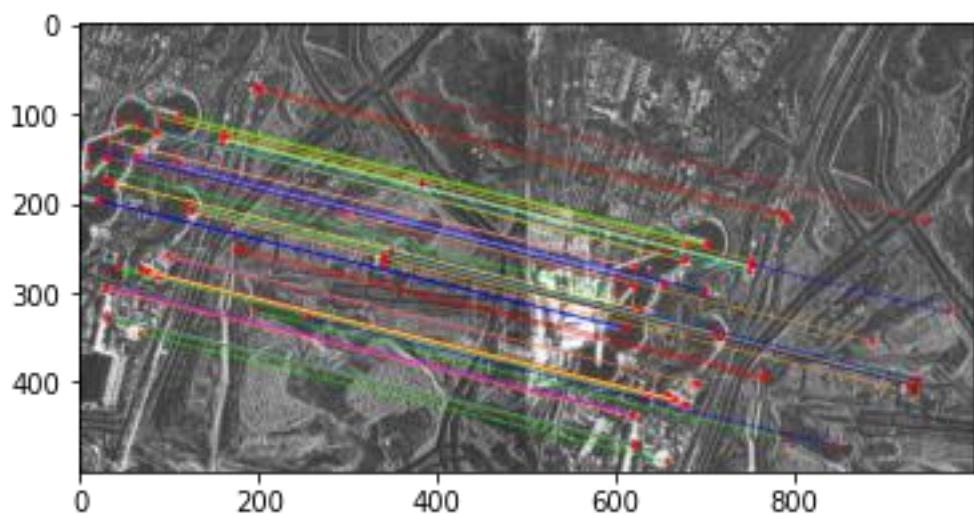
SIFT



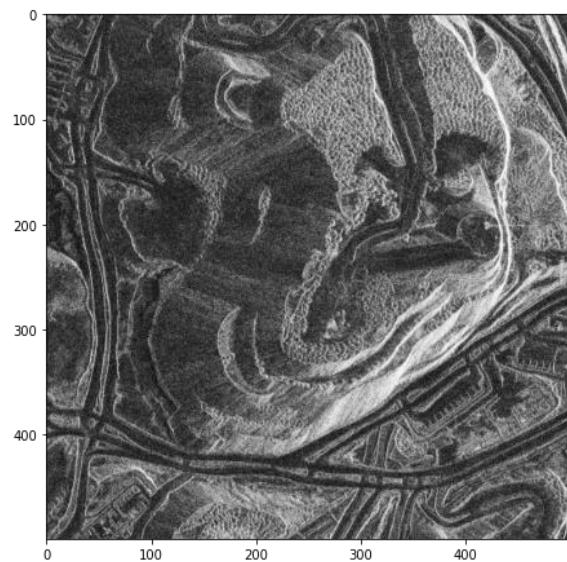
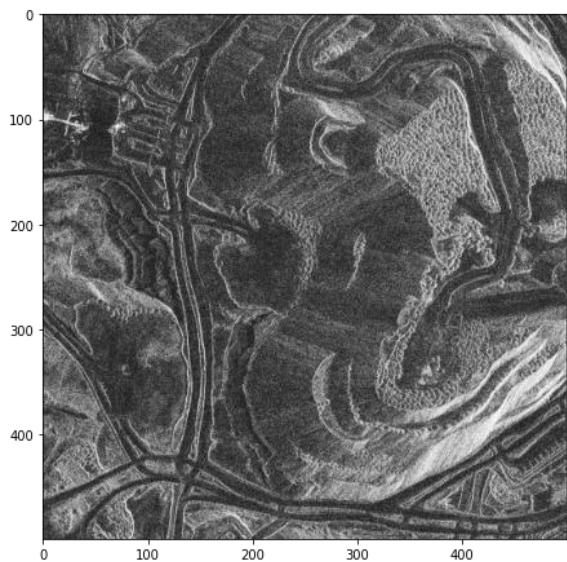
$m_1 = 1300$, $m_2 = 1662$

$f_1 = 3192$, $f_2 = 3715$, $t_m = 1662$, $a = 78.62\%$

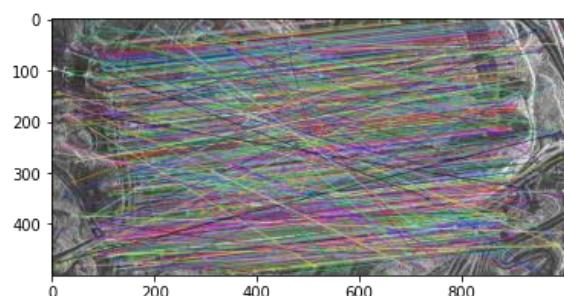
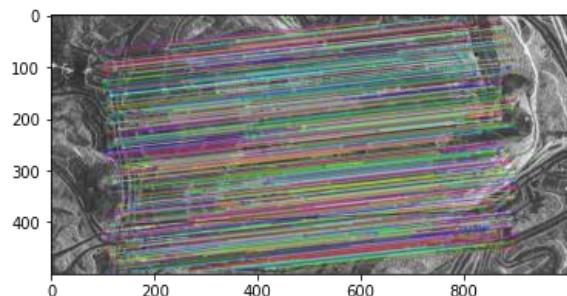
SAR-SIFT



$f_1 = 392$, $f_2 = 320$, $t_m = 72$, $a = 100\%$



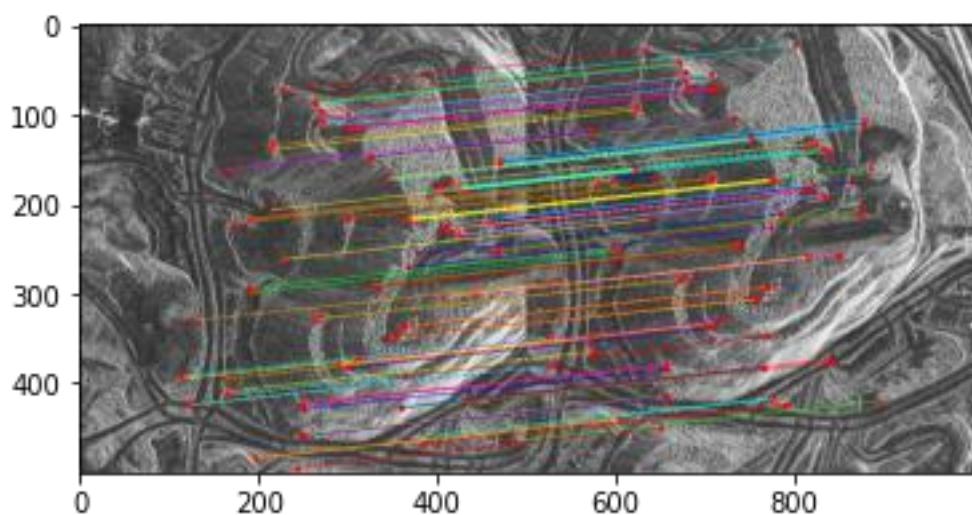
SIFT



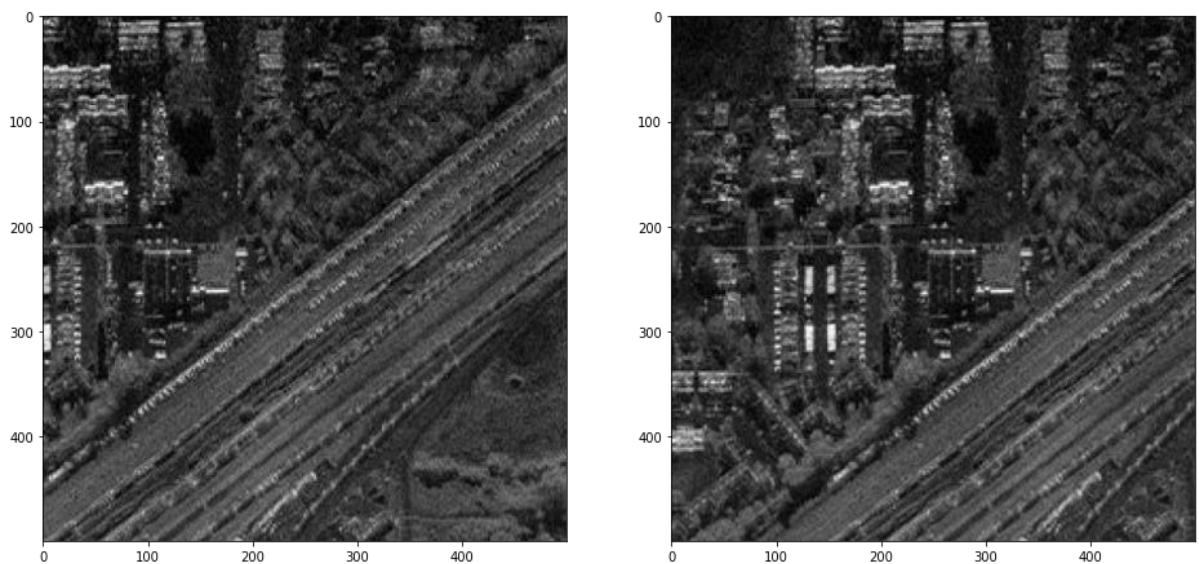
$m_1 = 1150, m_2 = 1419$

$f_1=2469, f_2=3068, t_m=1419, a=81.04\%$

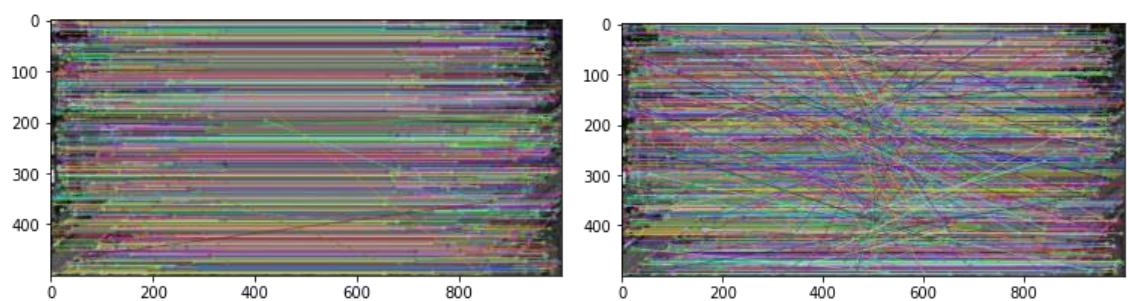
SAR-SIFT



$f_1 = 363, f_2 = 318, t_m=107, a=96\%$



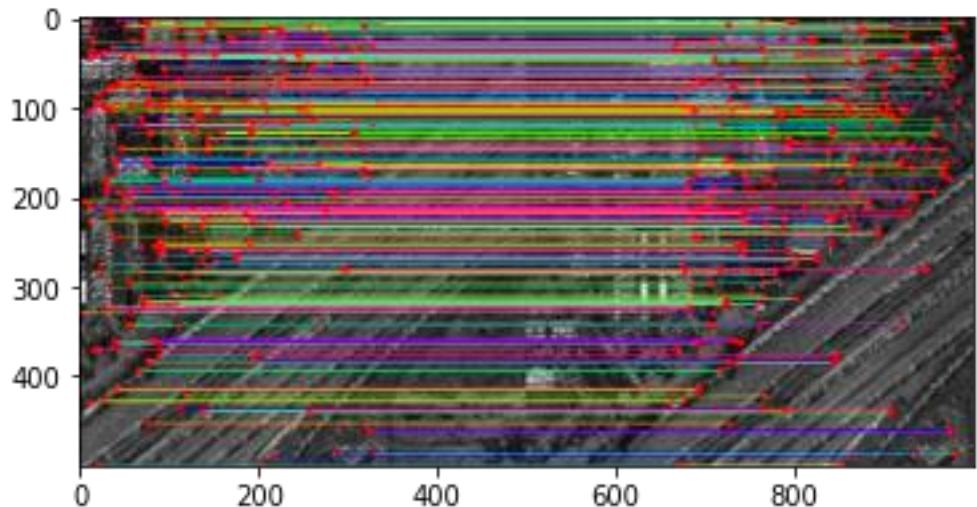
SIFT



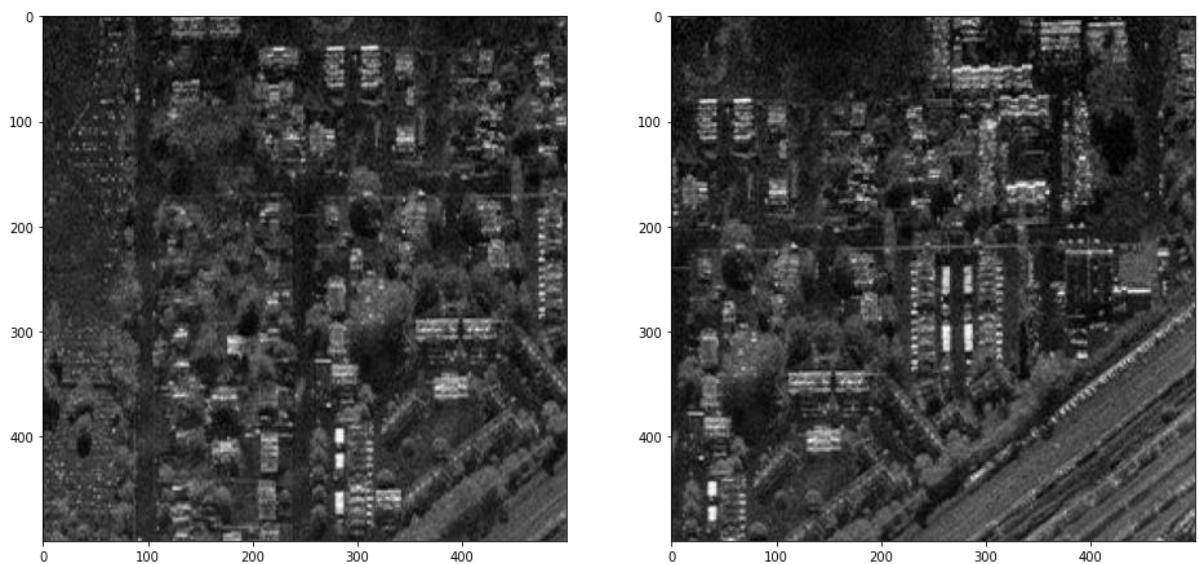
$m_1 = 1900, m_2 = 2160$

$f_1=3520, f_2=3906, t_m=2160, a=87.77\%$

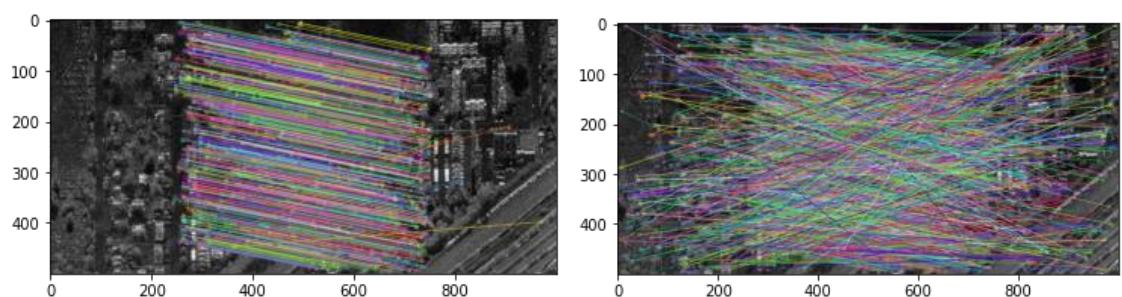
SAR-SIFT



$f_1 = 1581, f_2 = 2068, t_m=592, a=97.4\%$



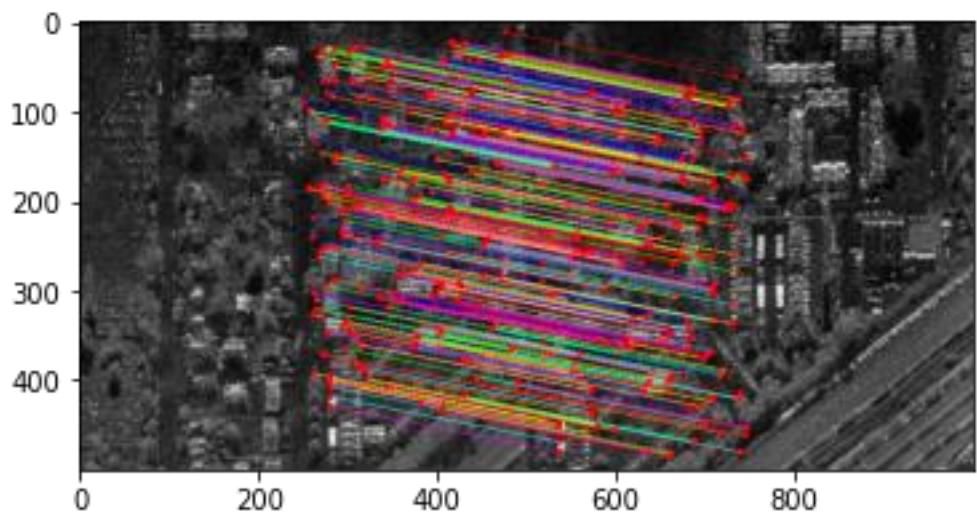
SIFT



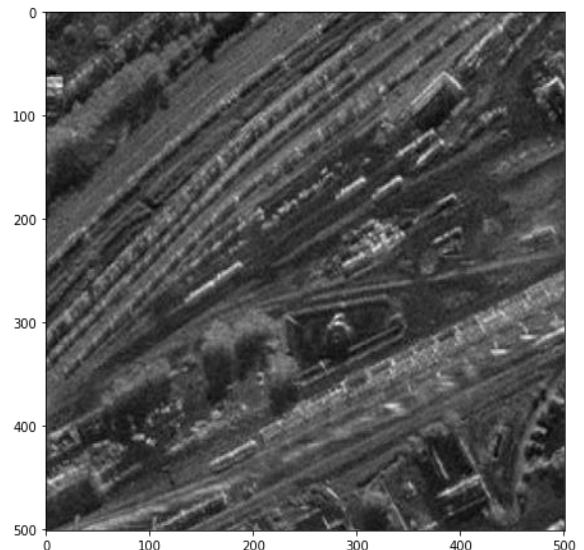
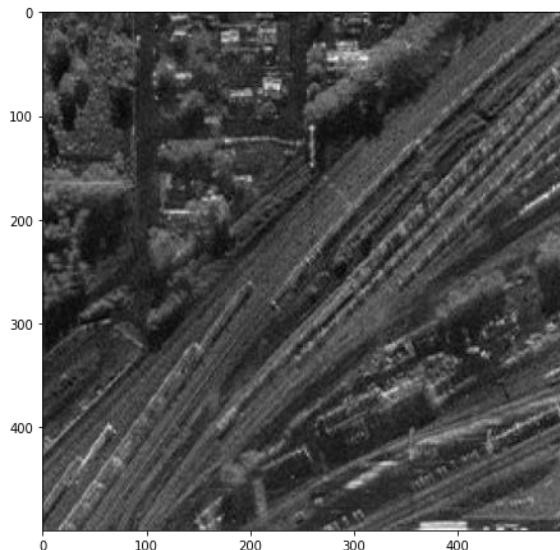
$m_1 = 1175, m_2 = 1699$

$f_1=3660, f_2=3796, t_m=1699, a=68.68\%$

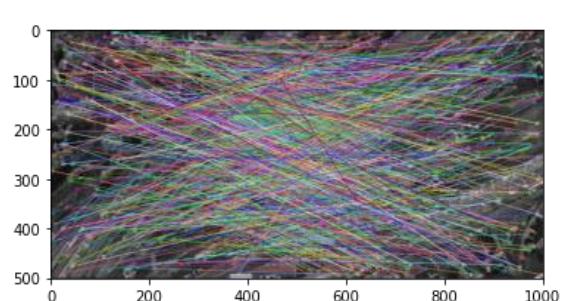
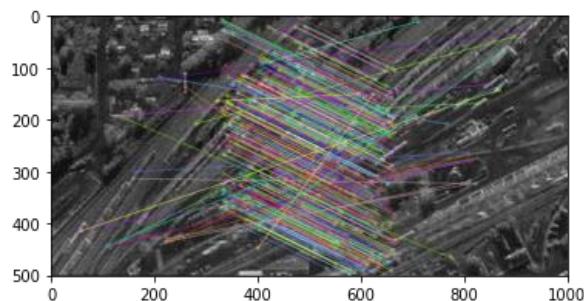
SAR-SIFT



$f_1 = 2189, f_2 = 2317, t_m=423, a=98.36\%$



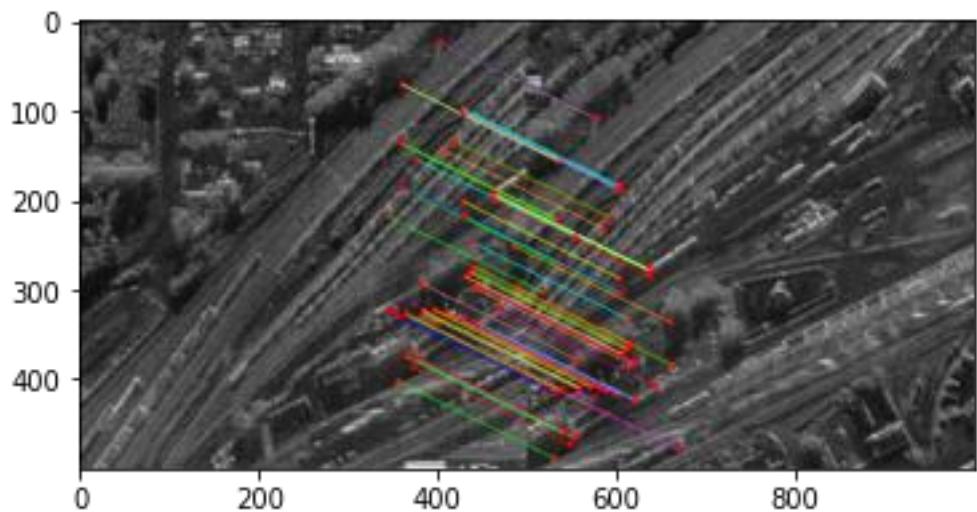
SIFT



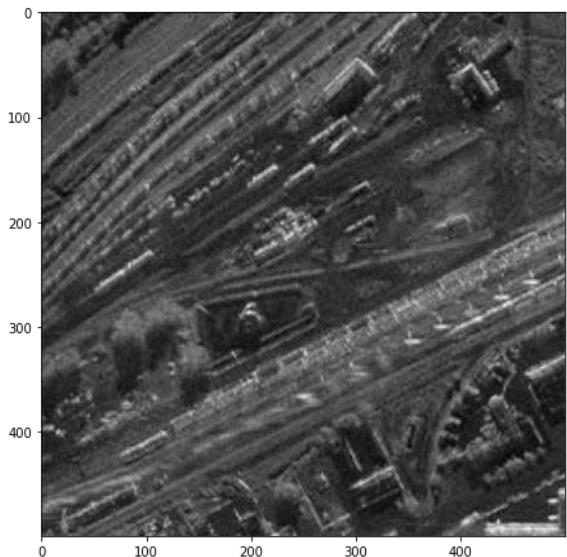
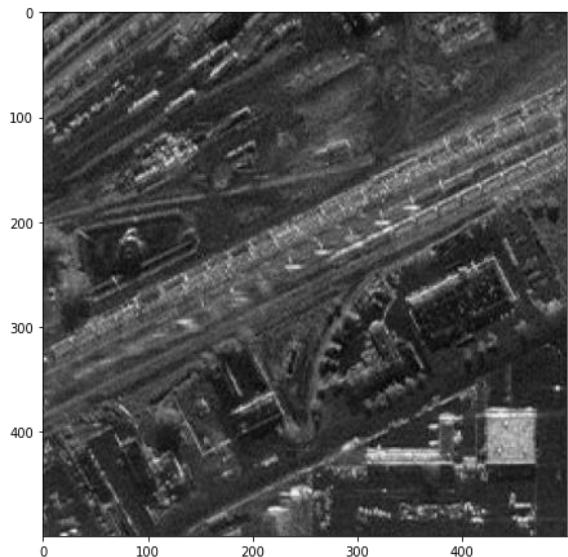
$m_1 = 620, m_2 = 1092$

$f_1=2948, f_2=3210, t_m=1092, a=62.38\%$

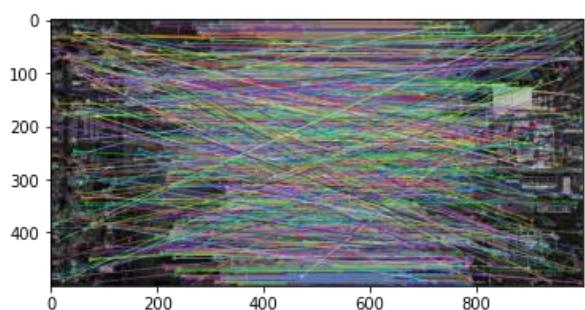
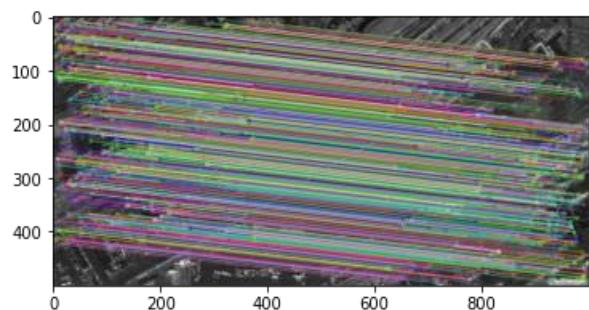
SAR-SIFT



$f_1 = 879, f_2 = 724, t_m=67, a=99\%$



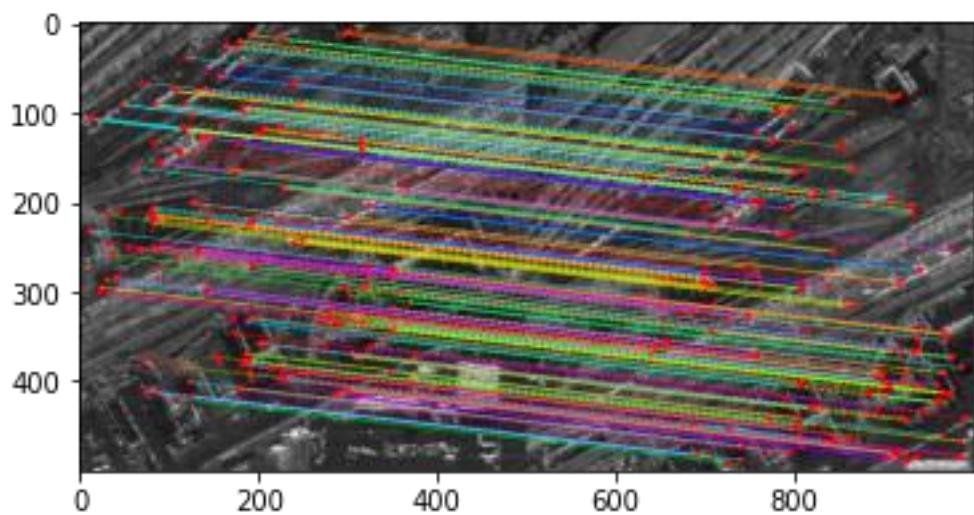
SIFT



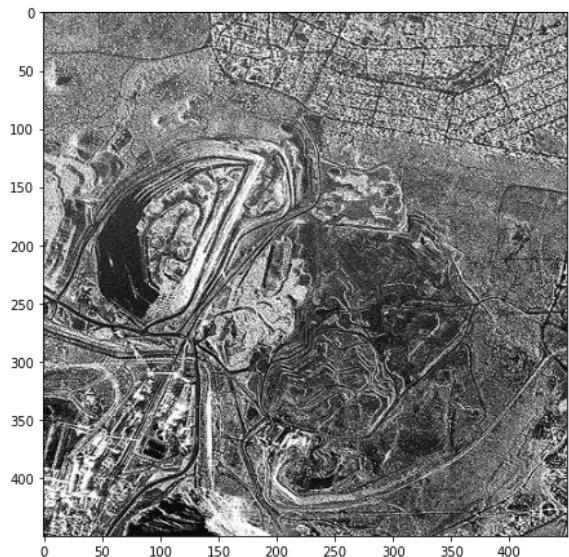
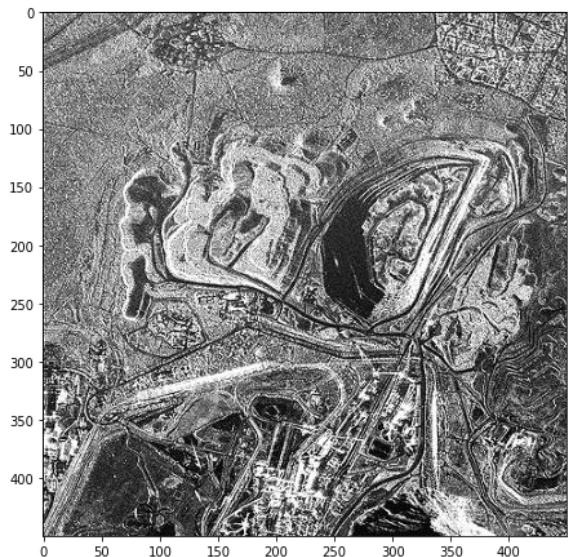
$m_1 = 1250, m_2 = 1571$

$f_1=2971, f_2=3258, tm=1571, a=79.56\%$

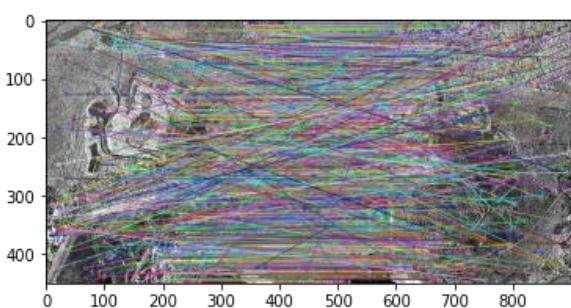
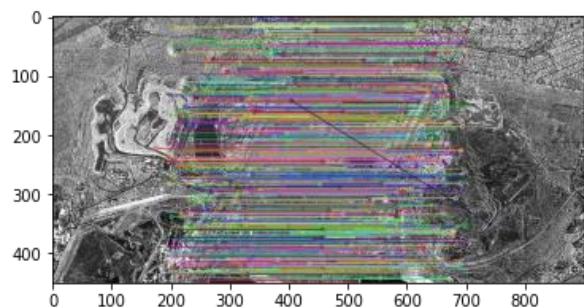
SAR-SIFT



$f_1 = 988, f_2 = 808, tm=275, a=98\%$



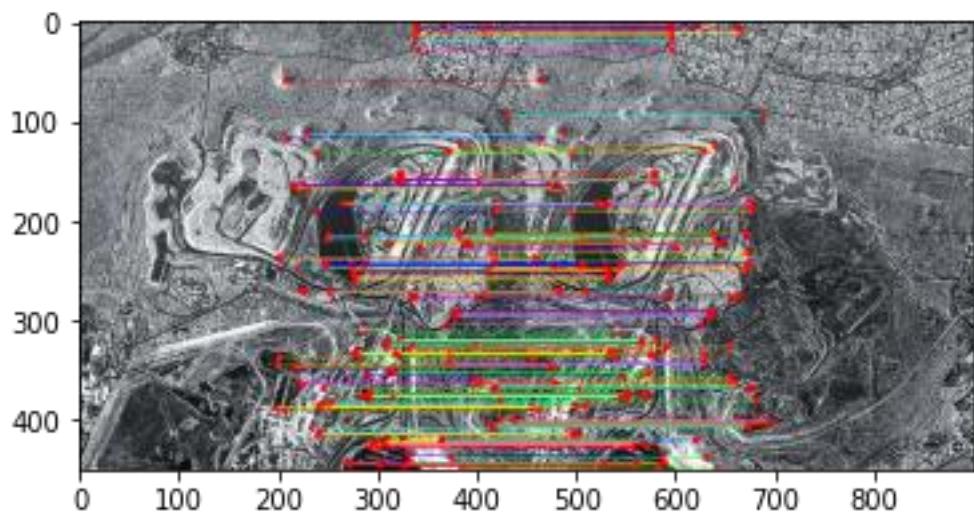
SIFT



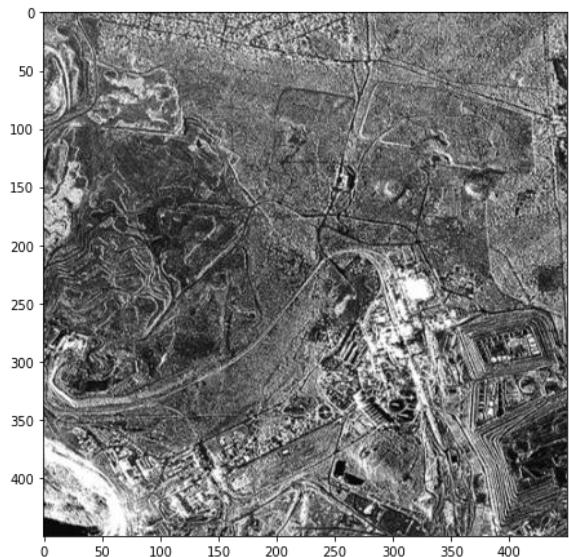
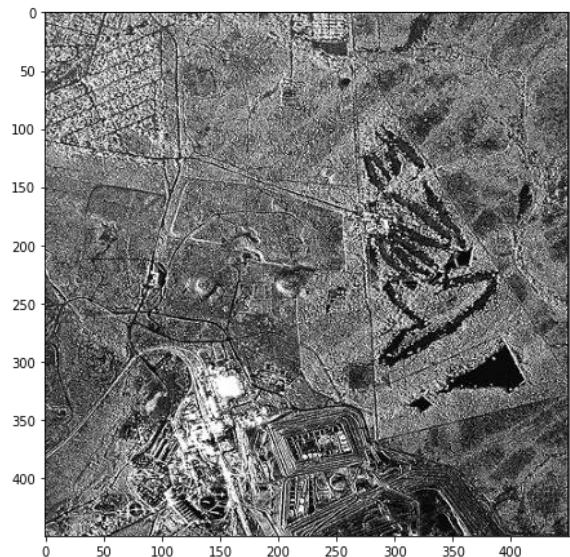
$m_1 = 900, m_2 = 1109$

$f_1=2017, f_2=1986, t_m=1109, a=81.15\%$

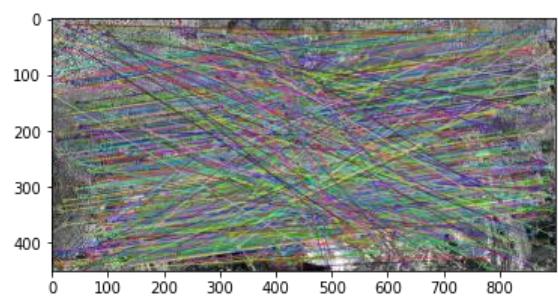
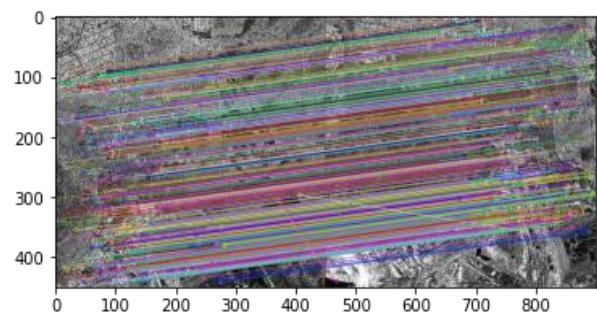
SAR-SIFT



$f_1 = 773, f_2 = 645, t_m=237, a=97\%$



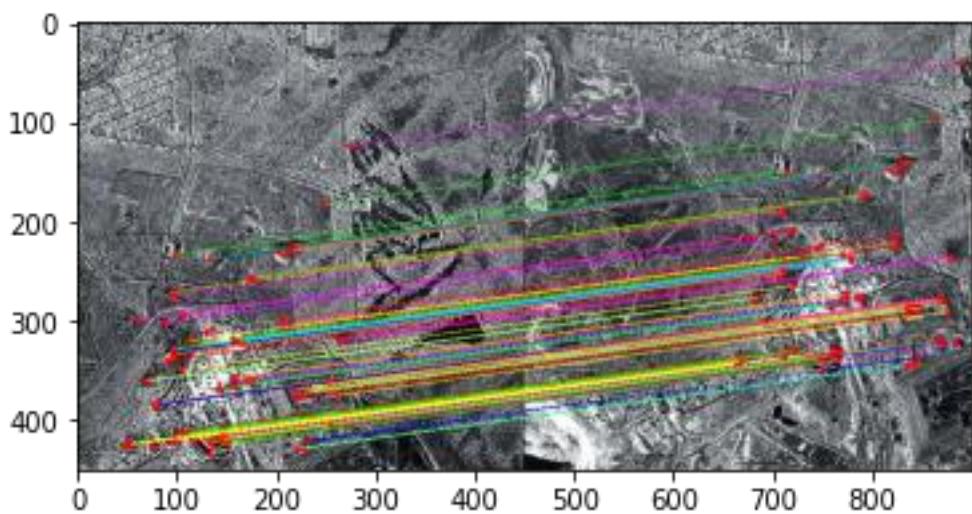
SIFT



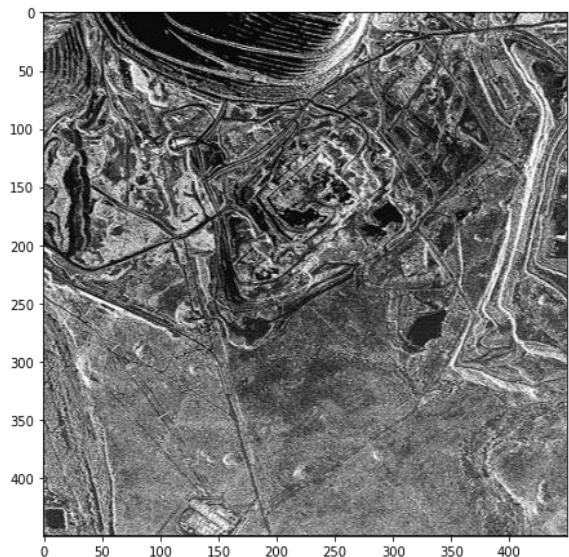
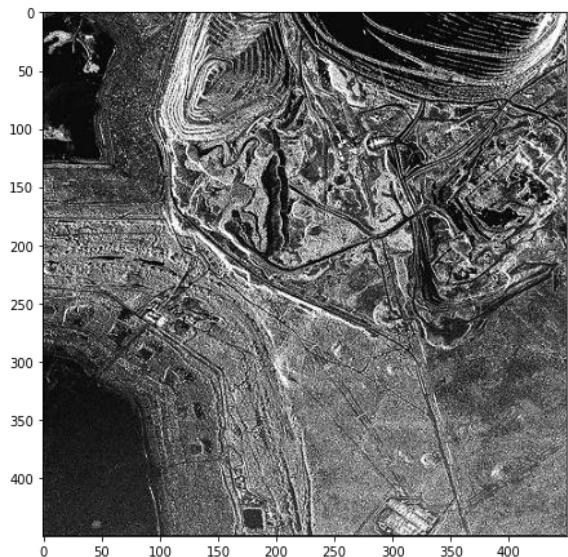
$m_1 = 550$, $m_2 = 901$

$f_1 = 1507$, $f_2 = 2741$, $tm = 901$, $a = 61.04\%$

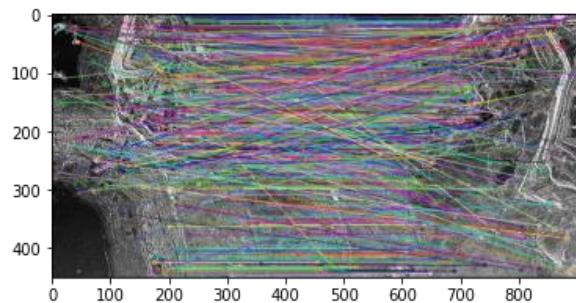
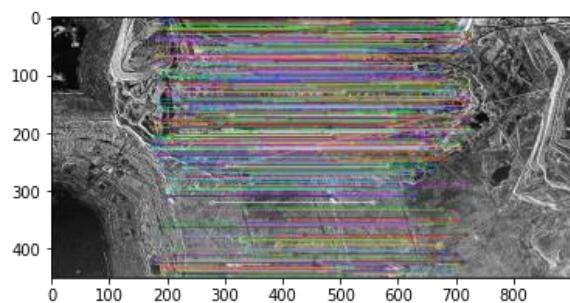
SAR-SIFT



$f_1 = 874$, $f_2 = 640$, $tm = 110$, $a = 97\%$



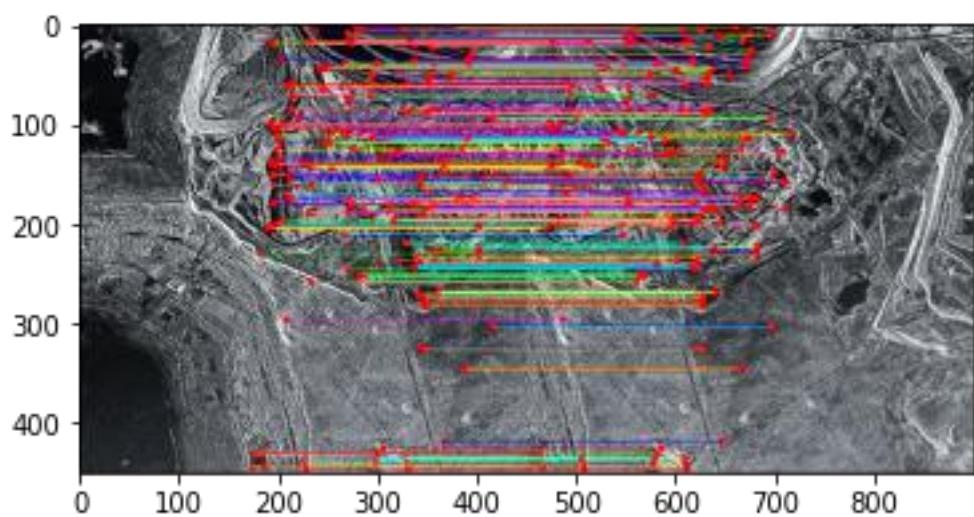
SIFT



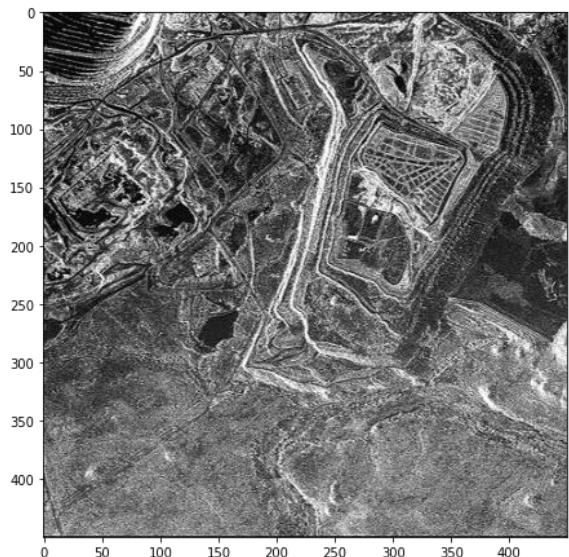
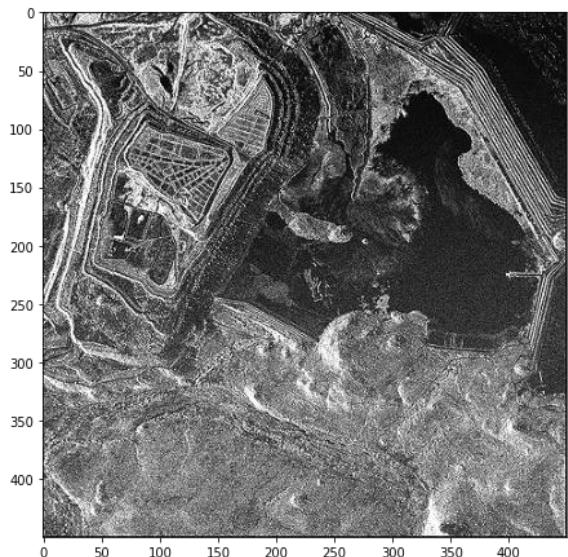
$m_1 = 825, m_2 = 1027$

$f_1=1732, f_2=2504, t_m=1027, a=80.23\%$

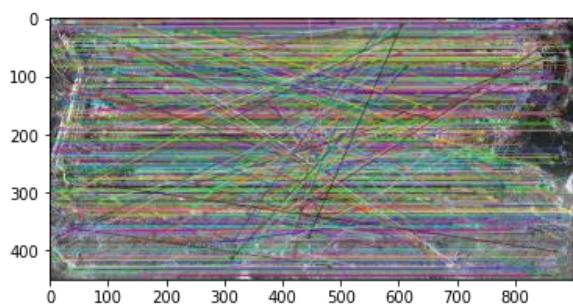
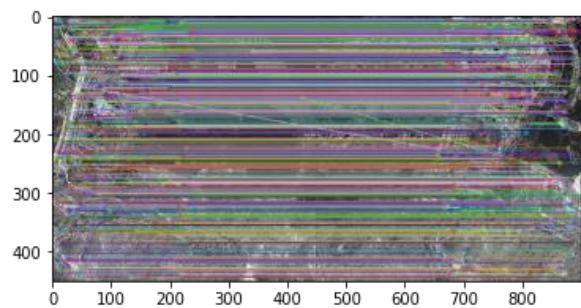
SAR-SIFT



$f_1 = 1038, f_2 = 1090, t_m=368, a=98\%$



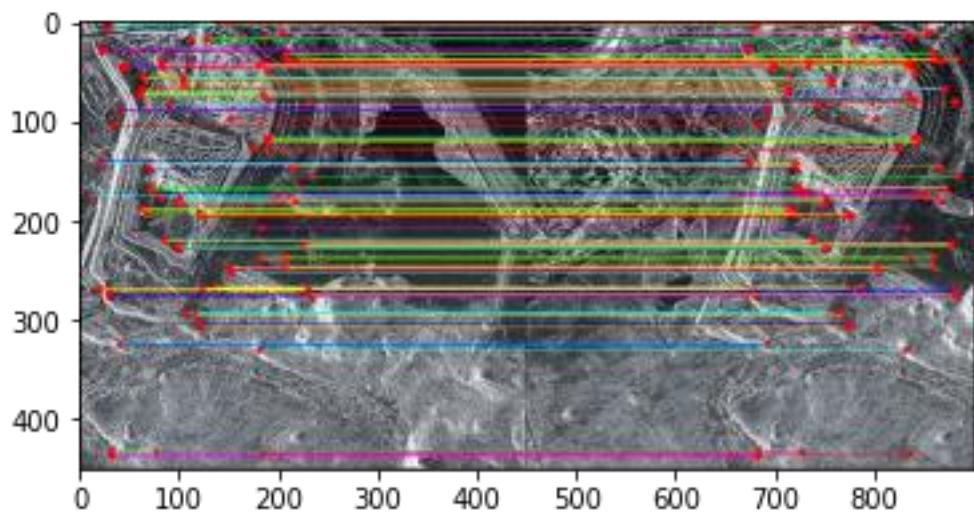
SIFT



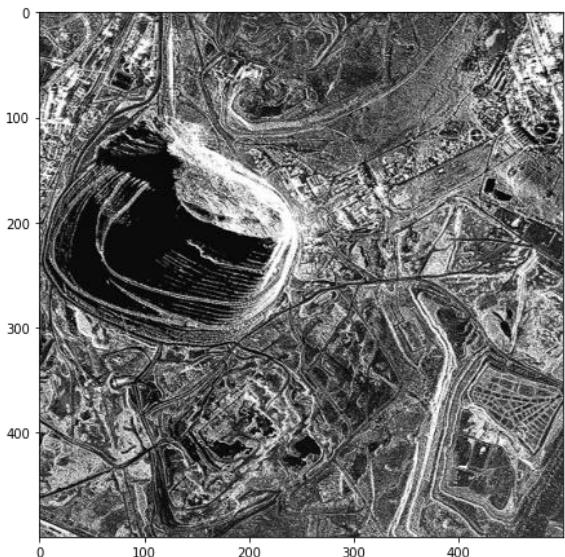
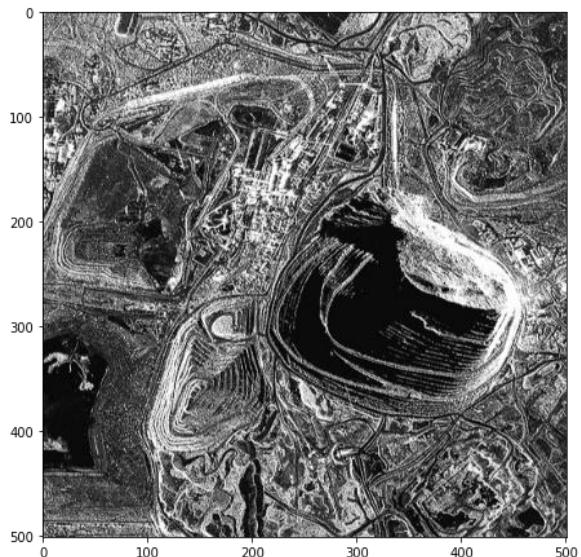
$m_1 = 650, m_2 = 832$

$f_1=1428, f_2=2246, tm=832, a=78.12\%$

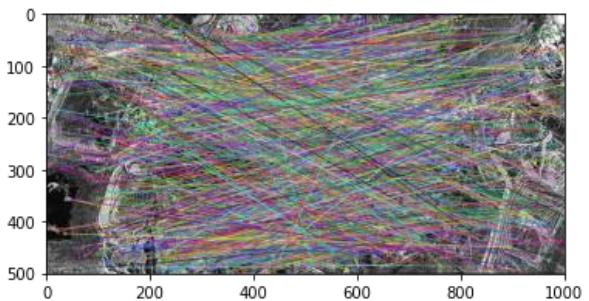
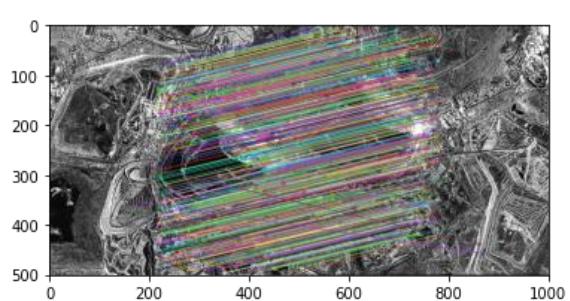
SAR-SIFT



$f_1 = 662, f_2 = 844, tm=167, a=98\%$



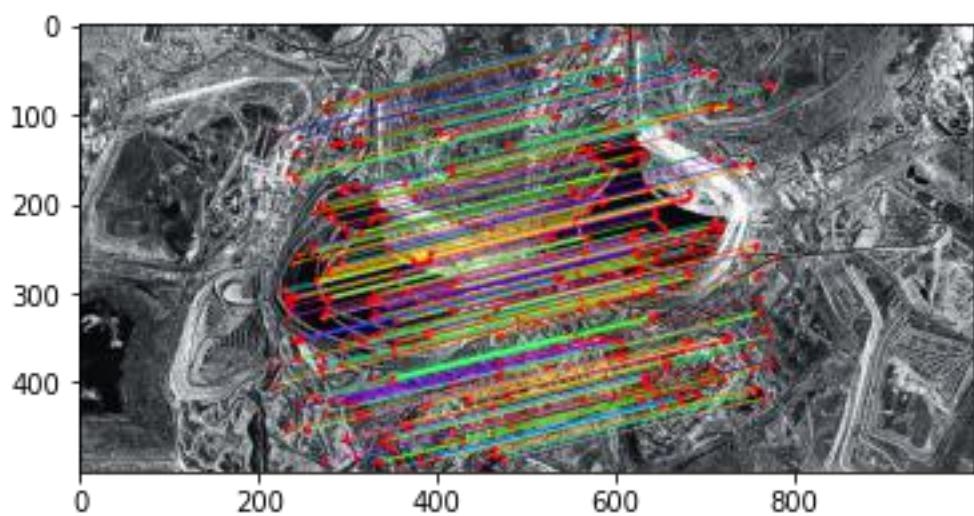
SIFT



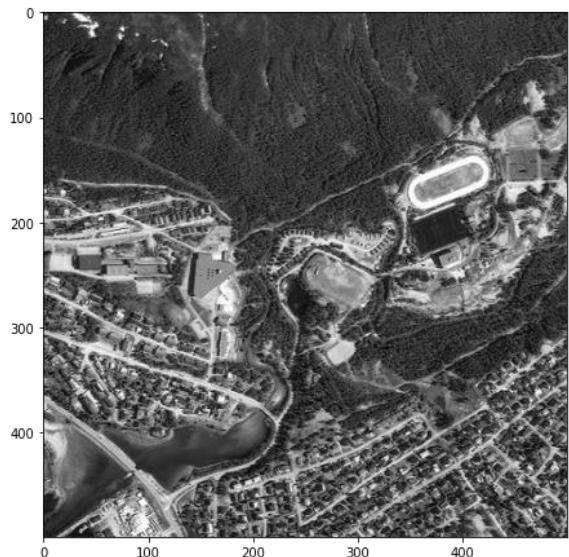
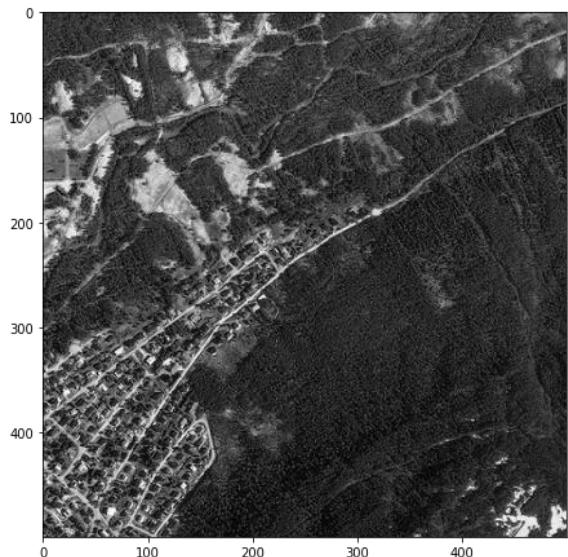
$m_1 = 950, m_2 = 1481$

$f_1=3421, f_2=3402, t_m=1481, a=63.87\%$

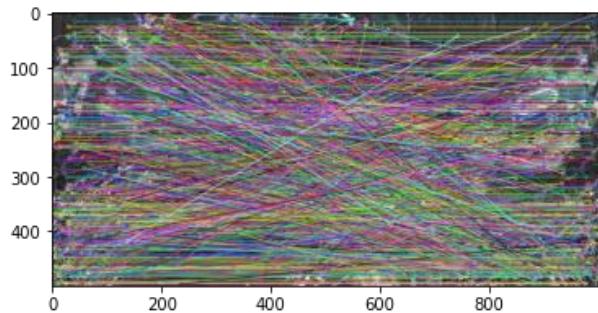
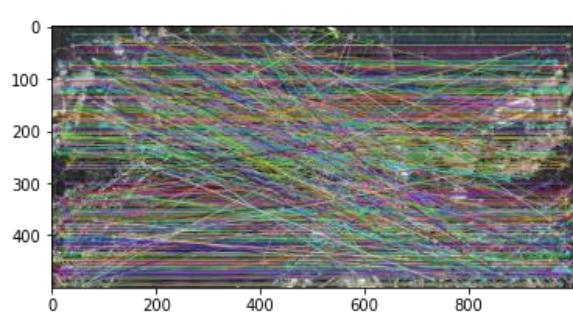
SAR-SIFT



$f_1 = 1719, f_2 = 1684, t_m=436, a= 96\%$



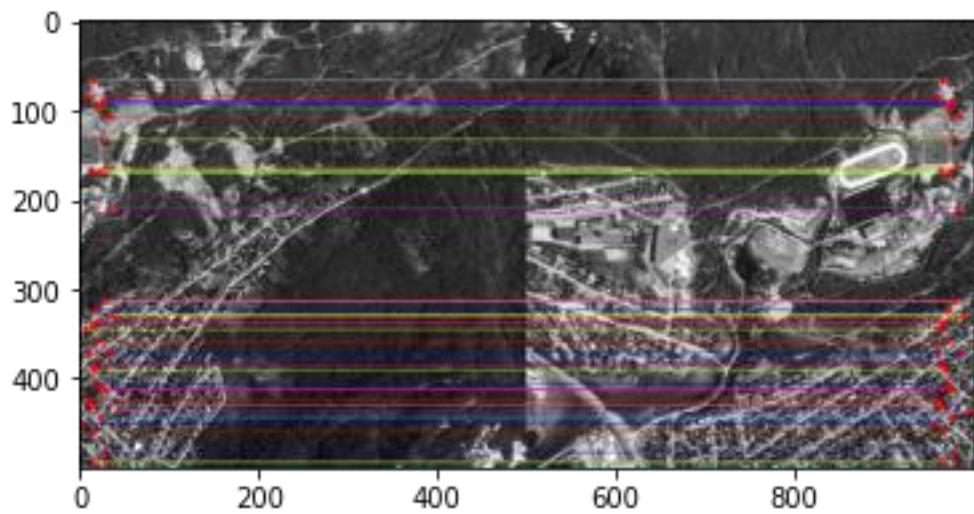
SIFT



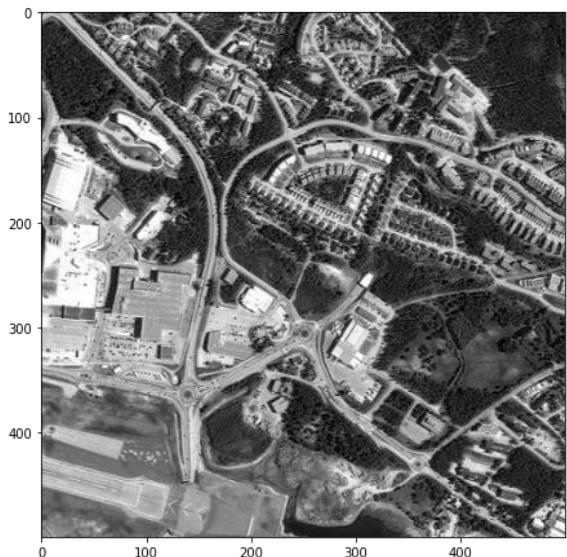
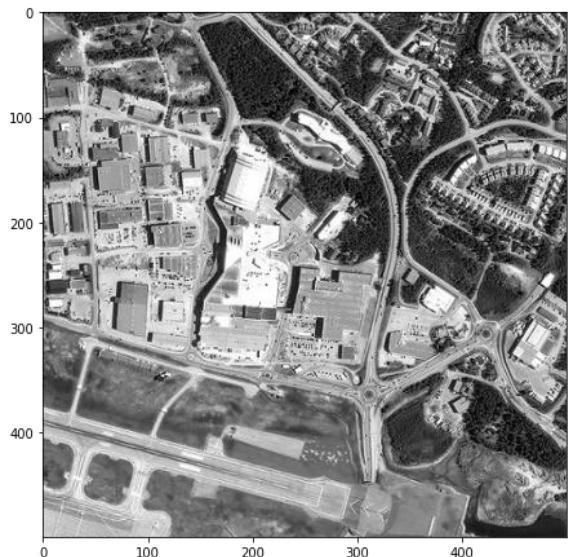
$m_1 = 600, m_2 = 874$

$f_1=2248, f_2=3386, t_m=874, a=68.64\%$

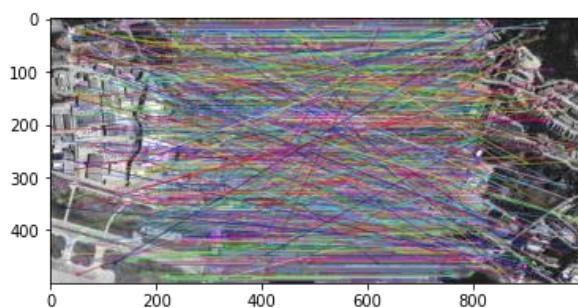
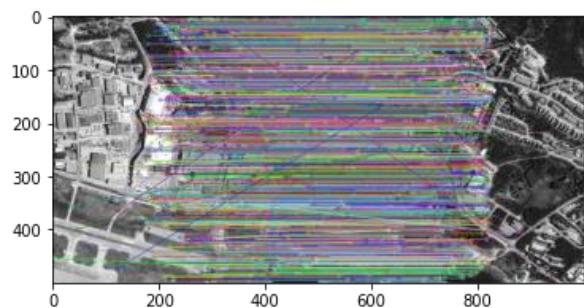
SAR-SIFT



$f_1 = 1378, f_2 = 1570, t_m=170, a=98\%$



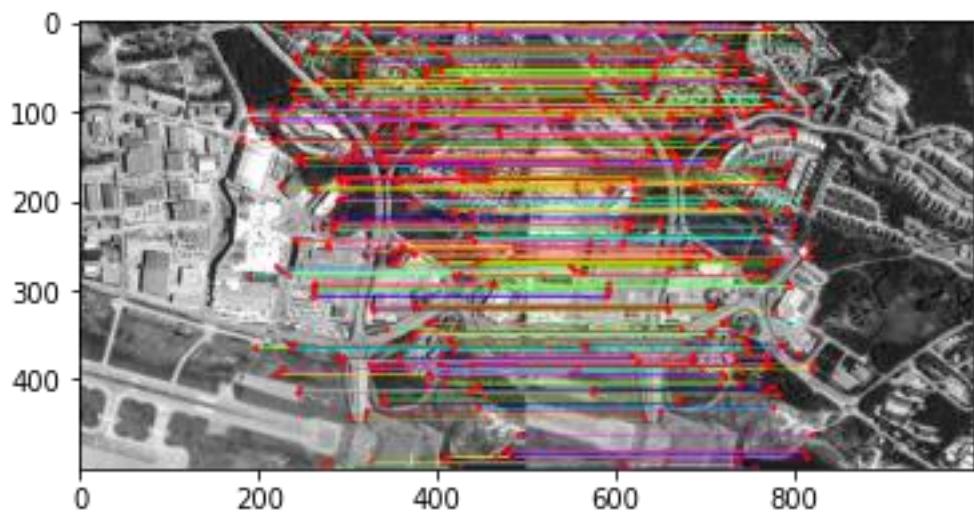
SIFT



$m_1 = 1600, m_2 = 1881$

$f_1=3269, f_2=4095, t_m=1881, a=85.06\%$

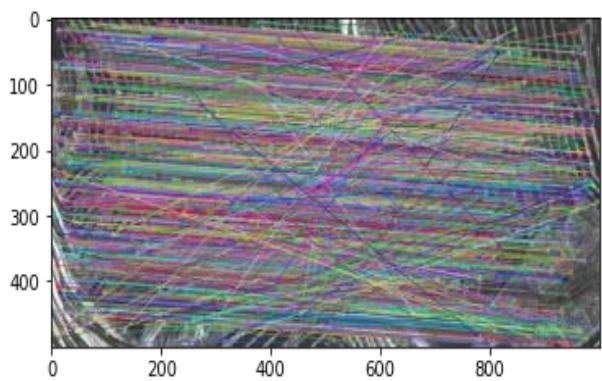
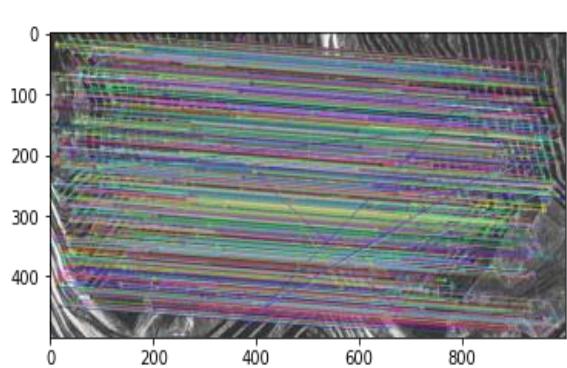
SAR-SIFT



$f_1 = 1565, f_2 = 1939, t_m=548, a=96\%$



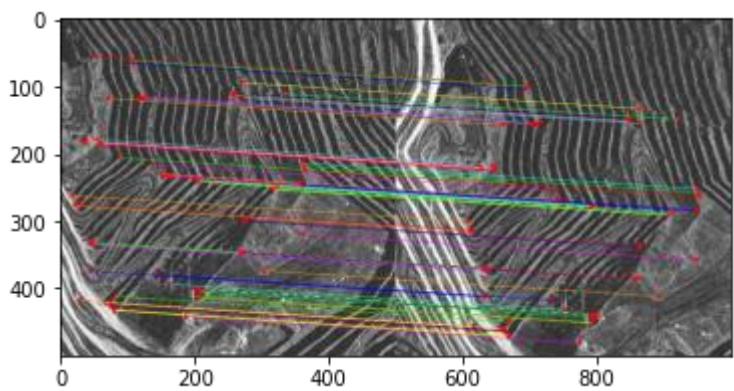
Sift



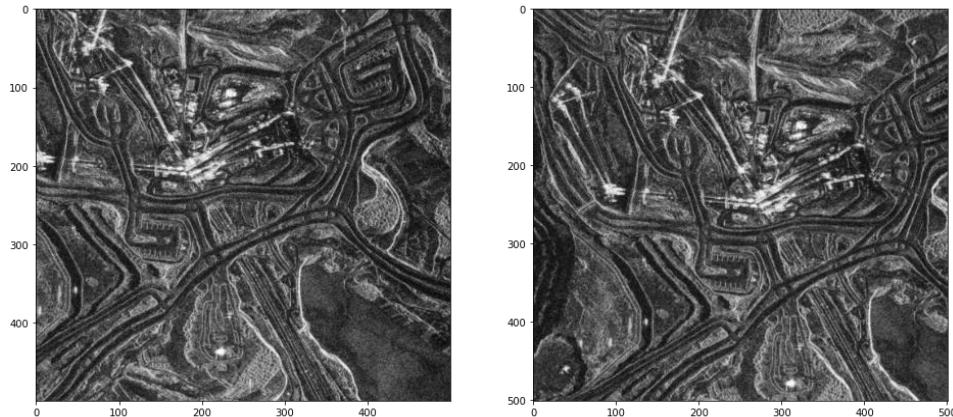
$m_1=1200, m_2=1658$

$f_1= 2947, f_2=3816, t_m=1658, a=72.37\%$

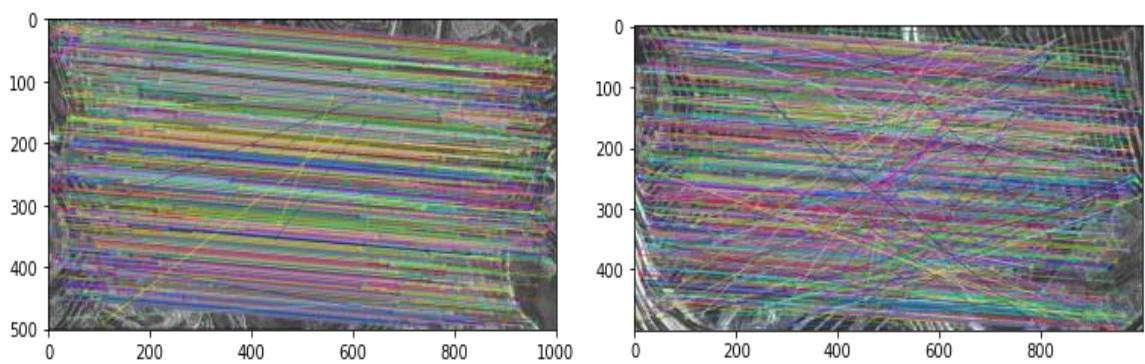
SAR-SIFT



$f_1=258, f_2=226, t_m=77, a=98\%$



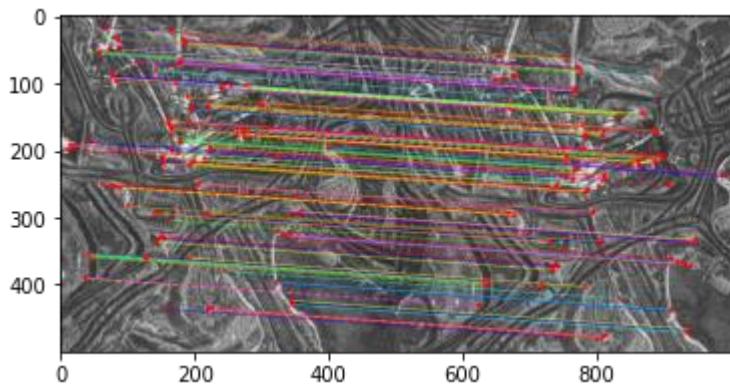
Sift



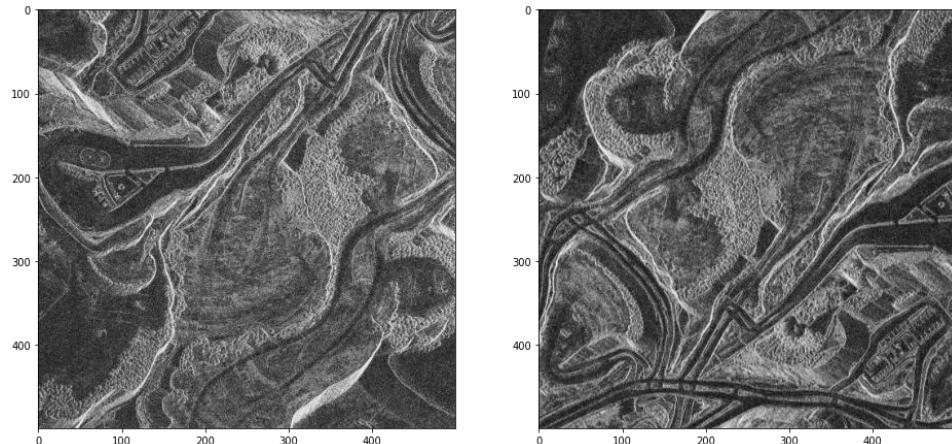
$m_1=2200, m_2=2567$

$f_1=4384, f_2=4594, tm=2567, a=85.03\%$

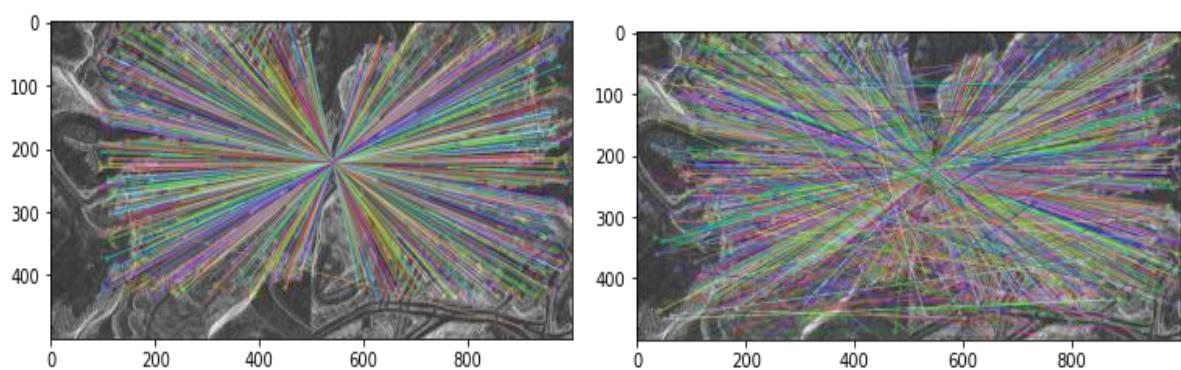
SAR-SIFT



$f_1=525, f_2=473, tm=155, a=99\%$



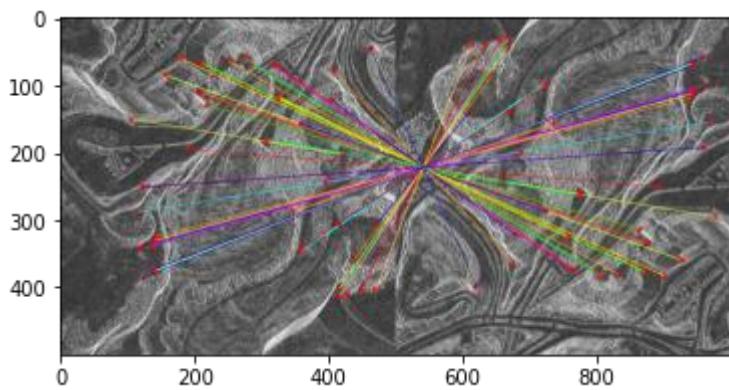
Sift



$m_1=1300$ $m_2=1600$

$f_1= 2481$, $f_2=3298$, $tm=1600$, $a=81.25\%$

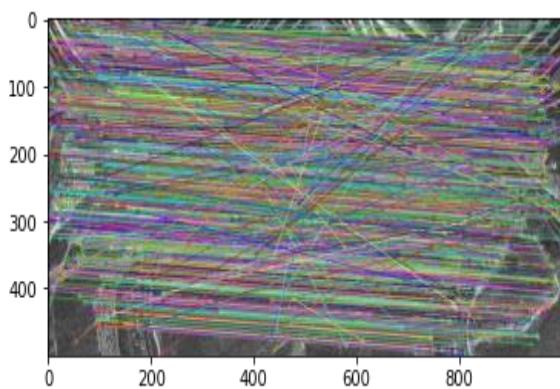
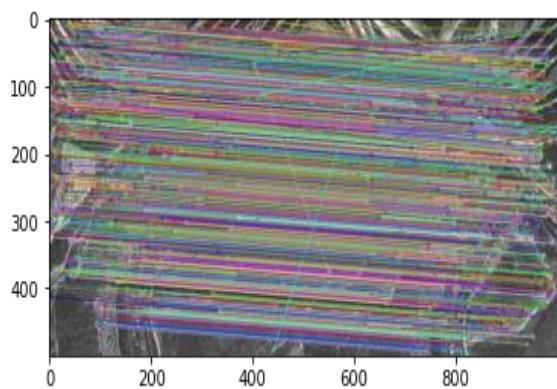
SAR-SIFT



$f_1=246$, $f_2=273$, $tm=65$, $a=100\%$



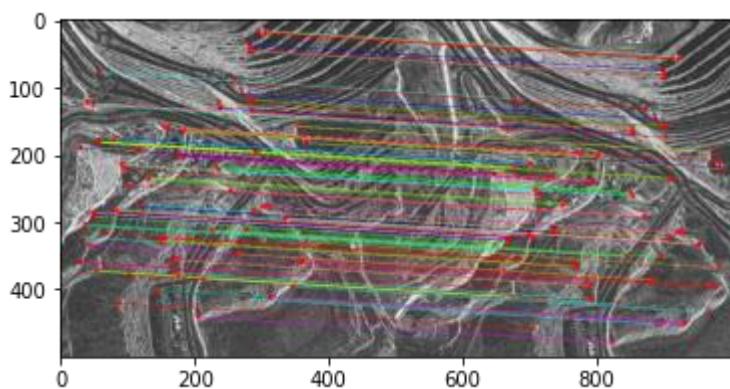
Sift



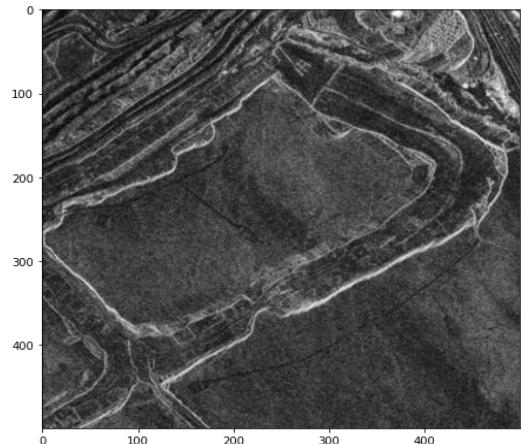
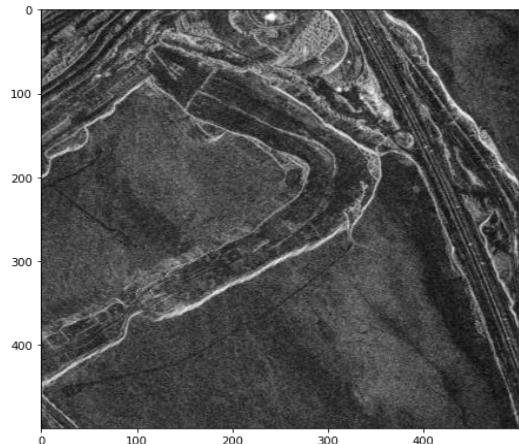
$m_1=1500, m_2=1715$

$f_1= 2879, f_2=4065, t_m=1715, a=88.15\%$

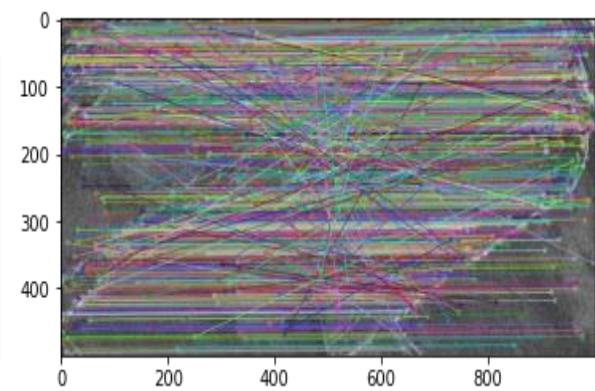
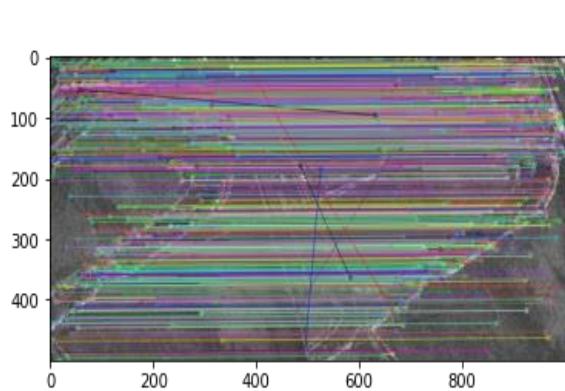
SAR-SIFT



$f_1=312, f_2=387, t_m=115, a=98\%$



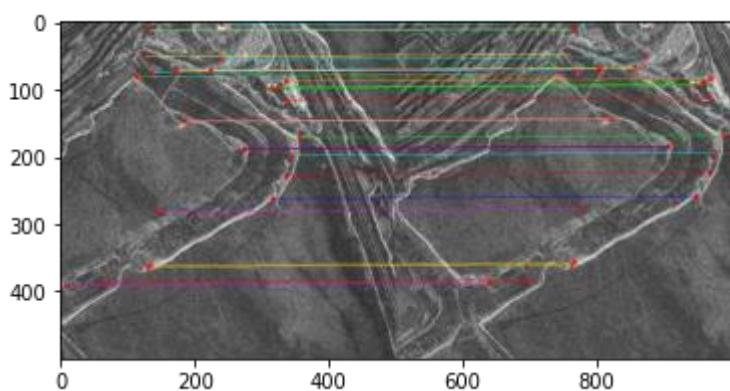
Sift



$m_1=1020, m_2=1248$

$f_1=2215, f_2=2818, t_m=1248, a=81.37\%$

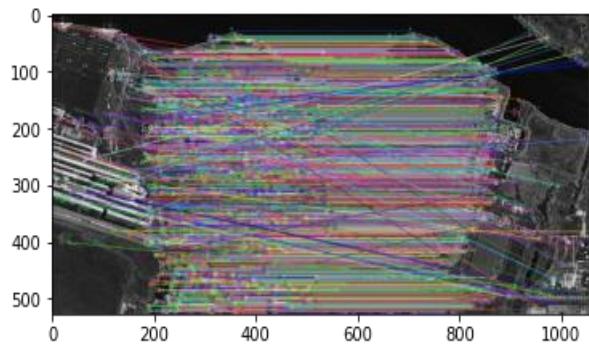
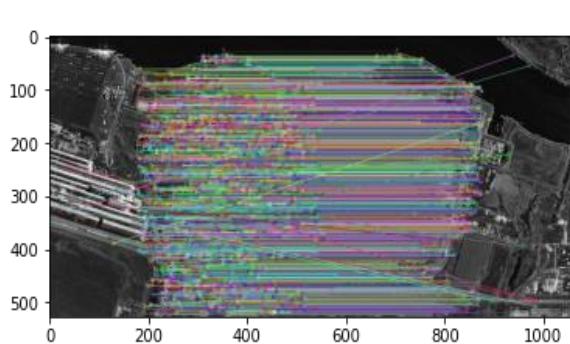
SAR-SIFT



$f_1=130, f_2=104, t_m=32, a=97\%$



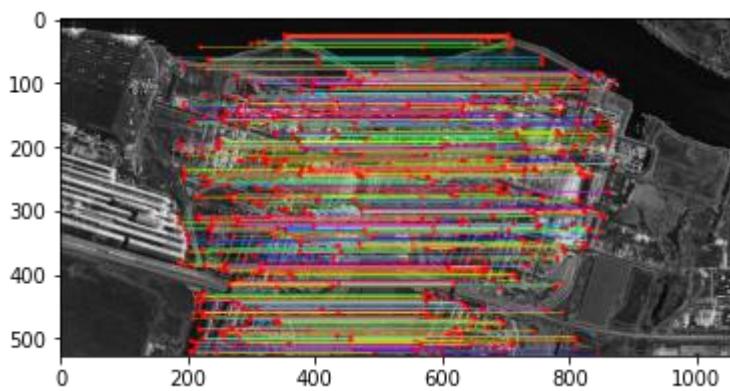
Sift



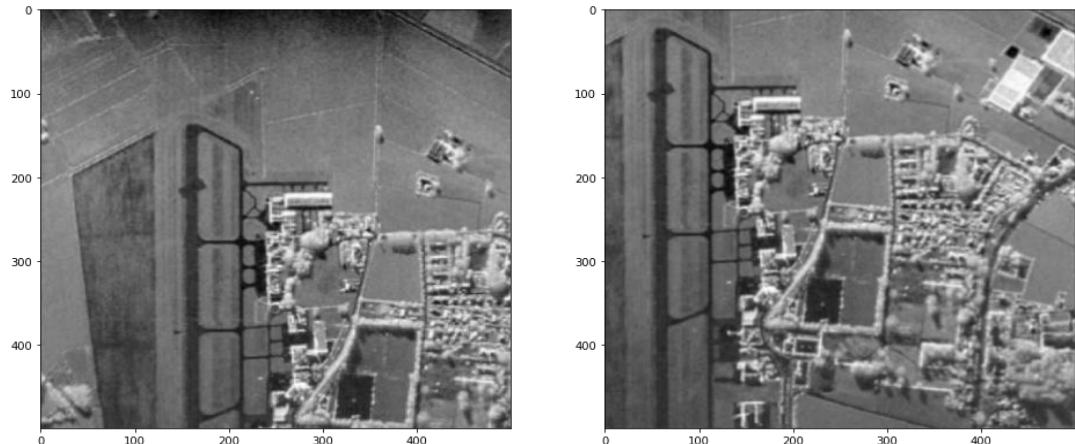
$m_1=2750, m_2=2807$

$f_1=3606, f_2=3680, t_m=2807, a=97.96\%$

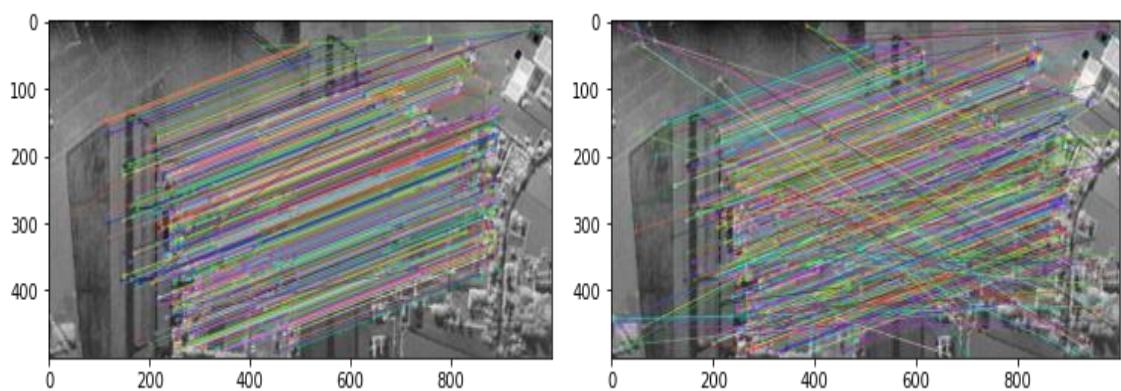
SAR-SIFT



$f_1=1865, f_2=1997, t_m=779, a=100\%$



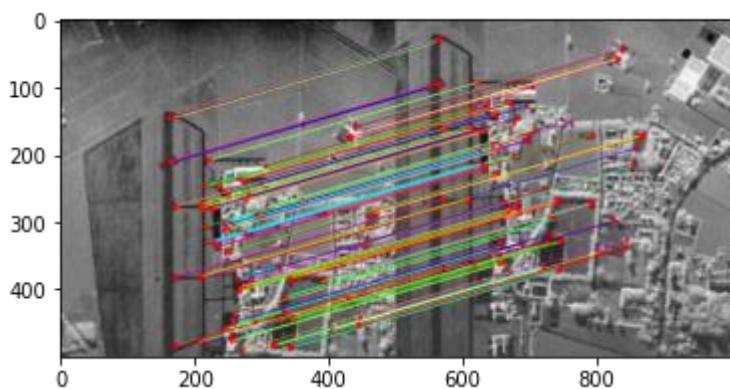
Sift



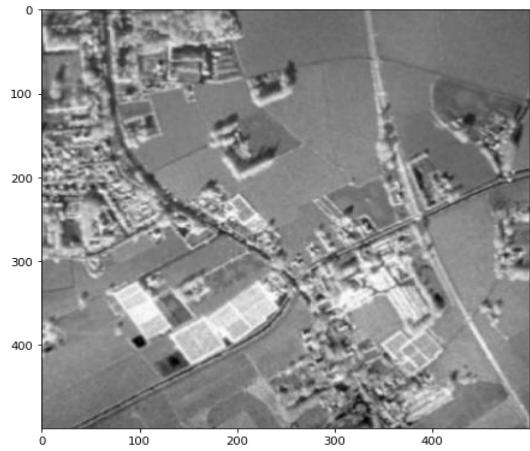
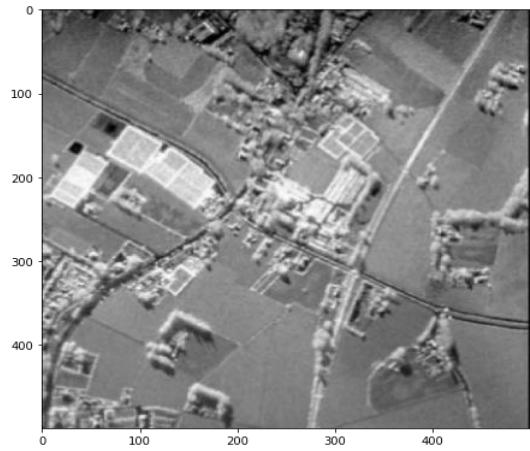
$m_1=1050, m_2=1170$

$f_1= 1740, f_2=2429, t_m=1170, a=89.74\%$

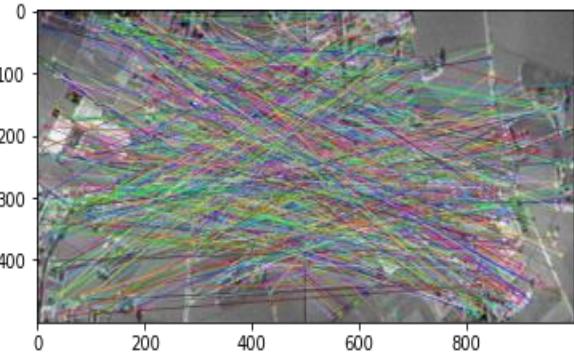
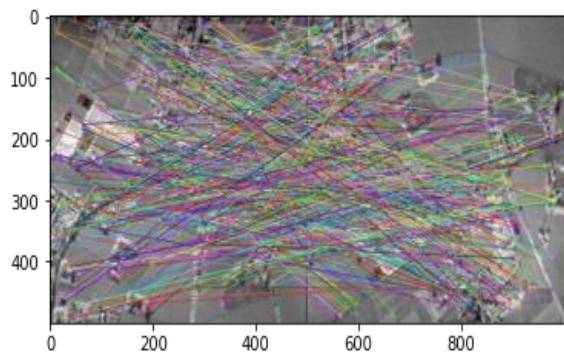
SAR-SIFT



$f_1=430, f_2=672, t_m=189, a=98\%$



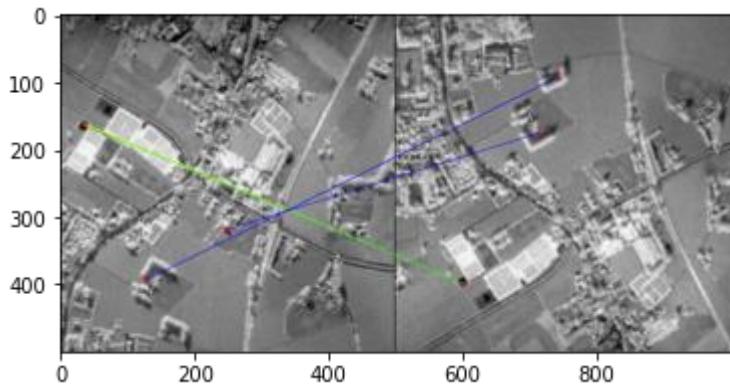
Sift



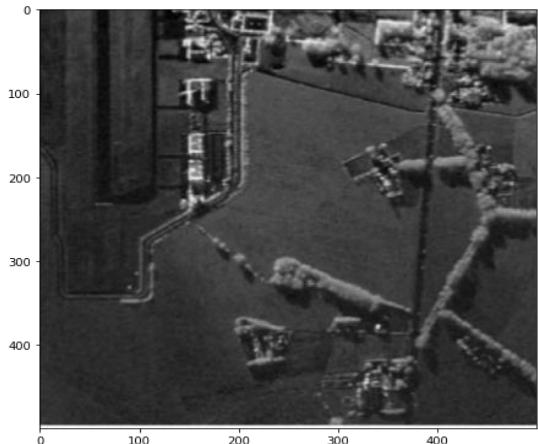
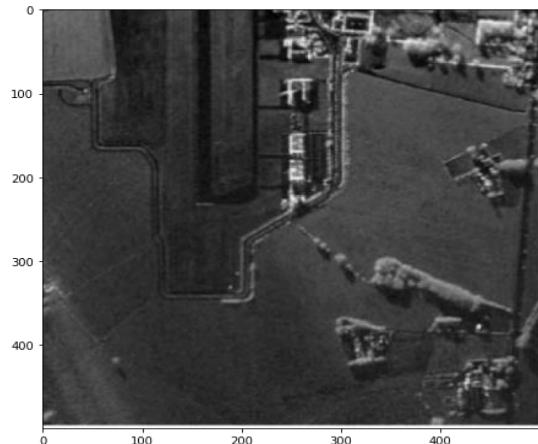
$m_1=600, m_2=873$

$f_1=2723, f_2=2630, tm=873, a=68.72\%$

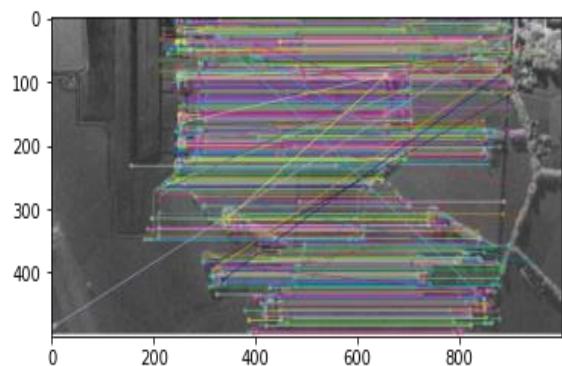
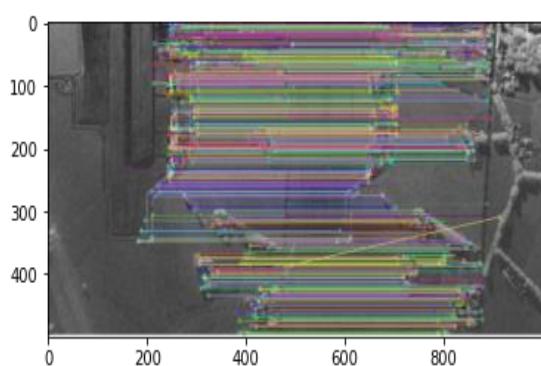
SAR-SIFT



$f_1=477, f_2=447, tm=4, a=75\%$



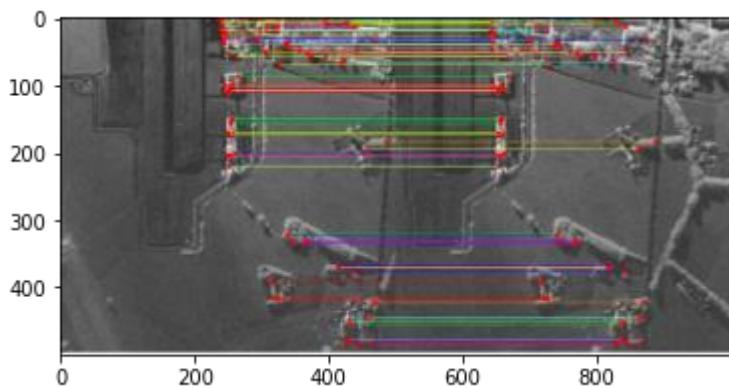
Sift



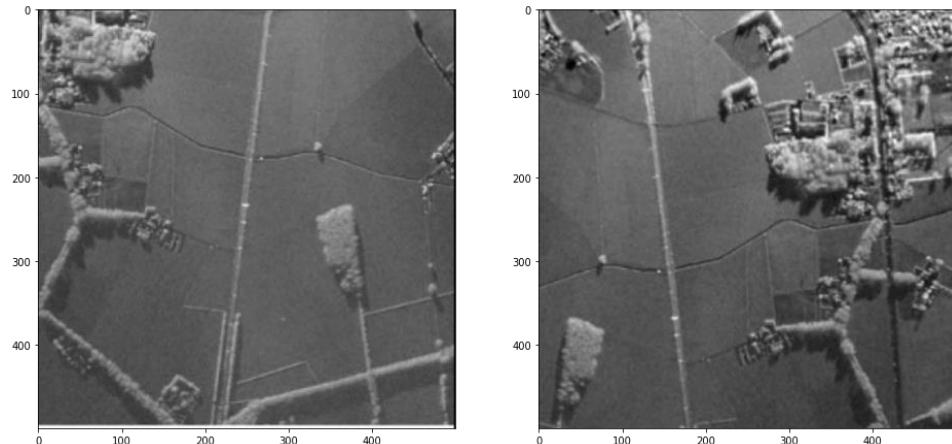
$m_1=600, m_2=757$

$f_1=978, f_2=1222, t_m=757, a=79.27\%$

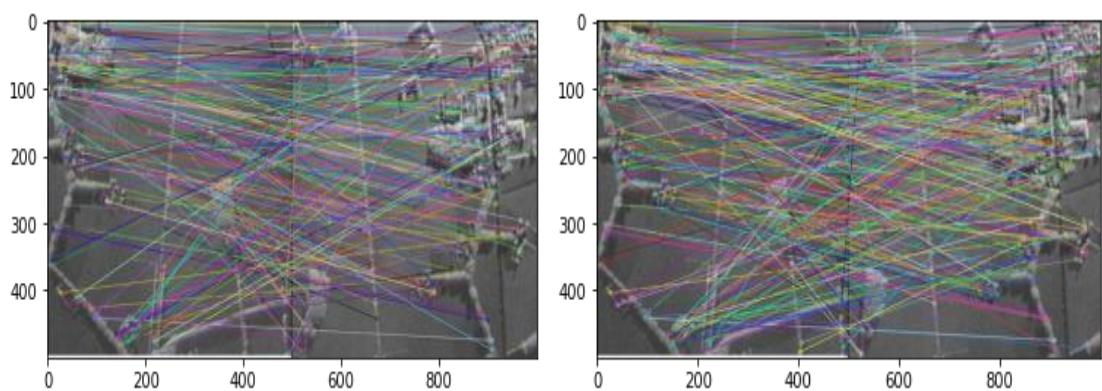
SAR-SIFT



$f_1=222, f_2=307, t_m=112, a=100\%$



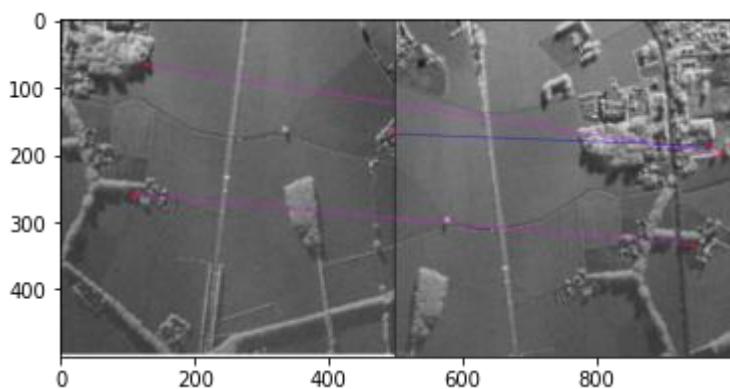
Sift



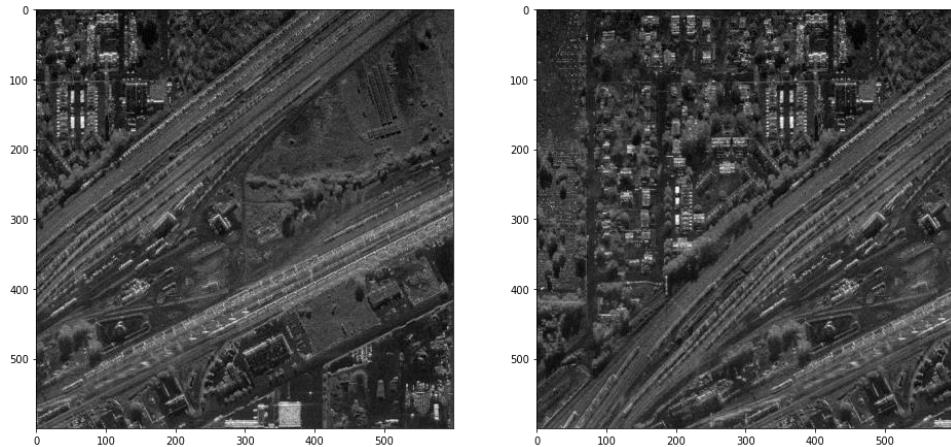
$m_1=200, m_2=278$

$f_1=795, f_2=1310, t_m=278, a=71.94\%$

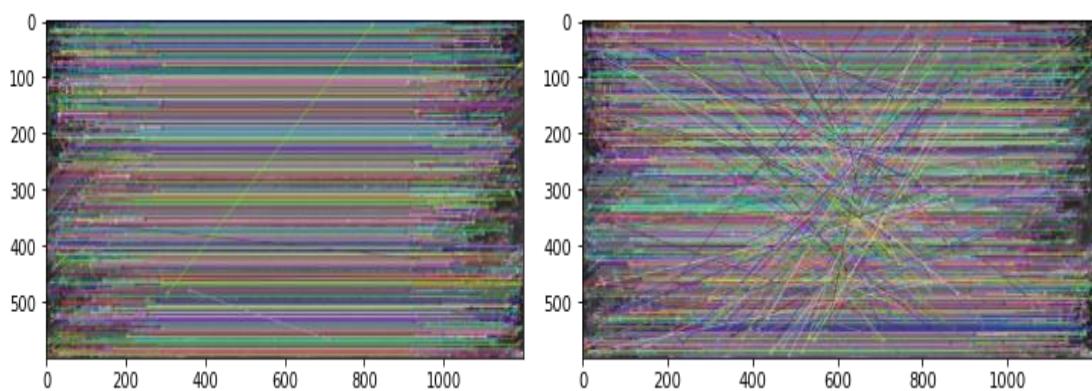
SAR-SIFT



$f_1=141, f_2=249, t_m=3, a=63\%$



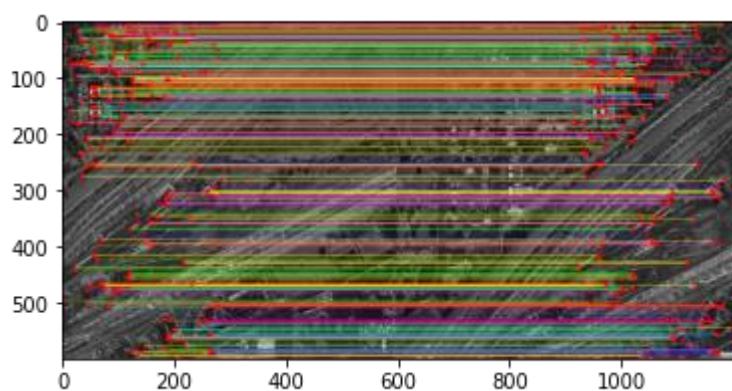
Sift



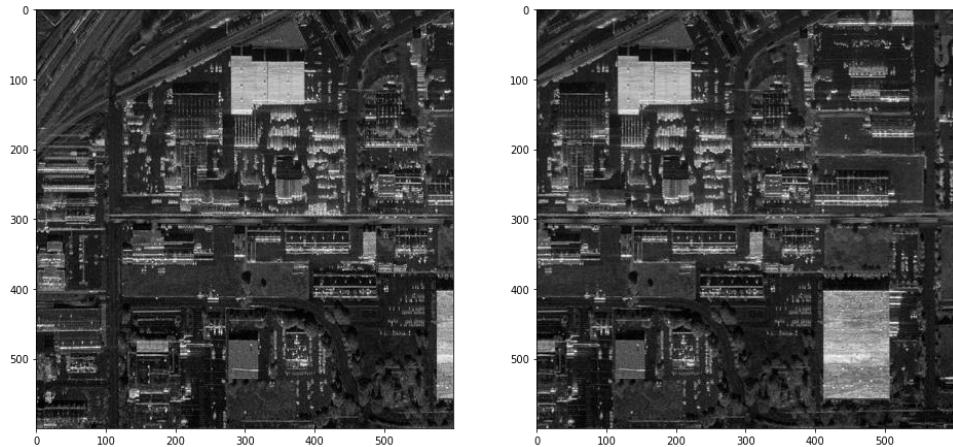
$m_1=1600, m_2=1889$

$f_1=3409, f_2=4021, t_m=1889, a=84.70\%$

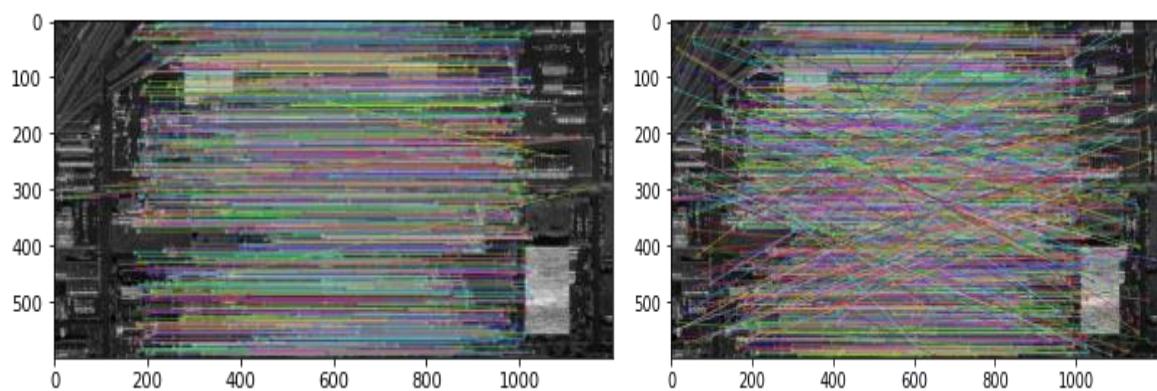
SAR-SIFT



$f_1=1582, f_2=2312, t_m=457, a=99\%$



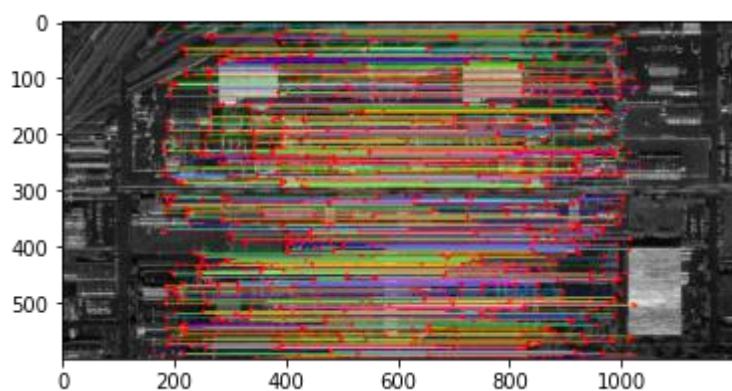
Sift



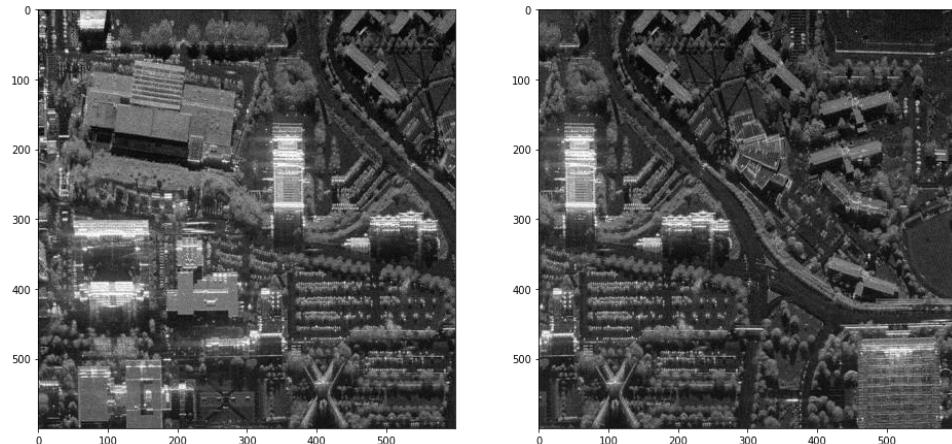
$m_1=1600, m_2=2097$

$f_1=3627, f_2=4099, t_m=2097, a=80.96\%$

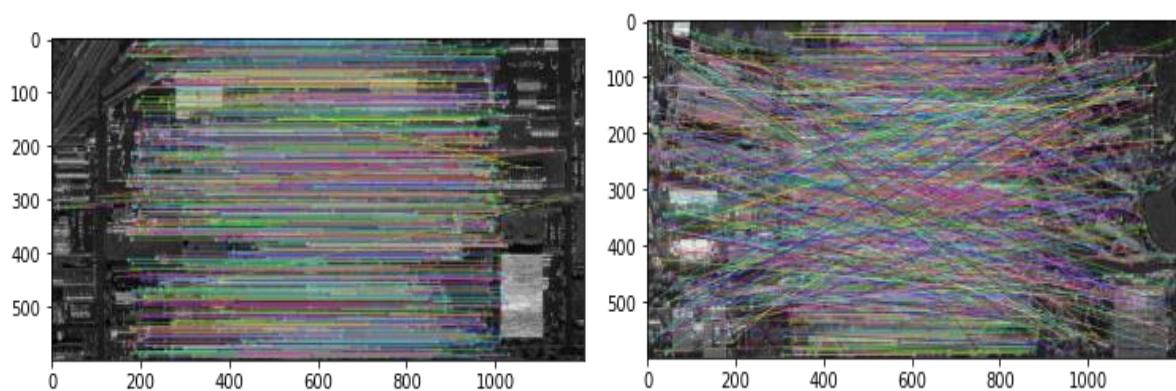
SAR-SIFT



$f_1=3321, f_2=3280, t_m=1230, a=98\%$



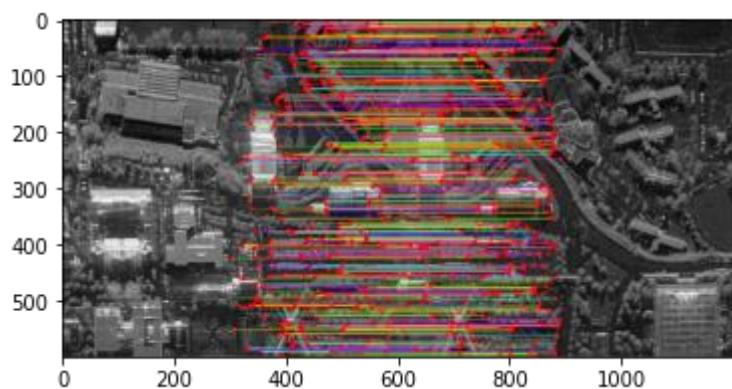
Sift



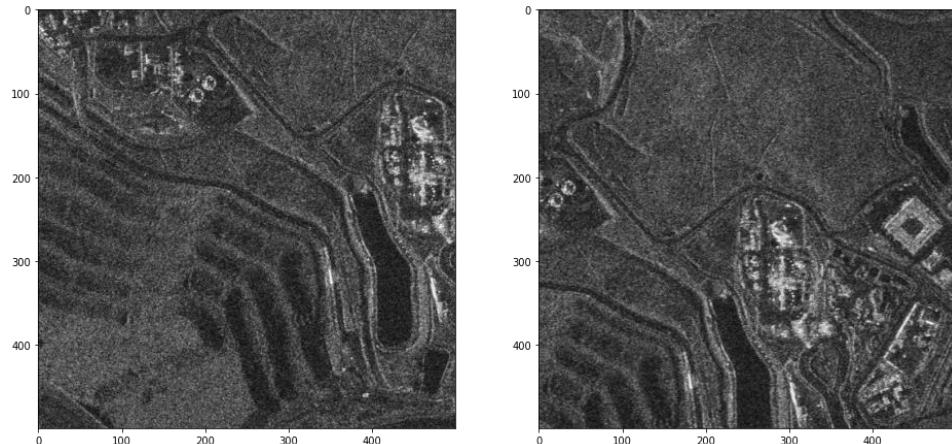
$m_1=1650, m_2=2111$

$f_1=4412, f_2=3968$ tm=2111, a=78.16%

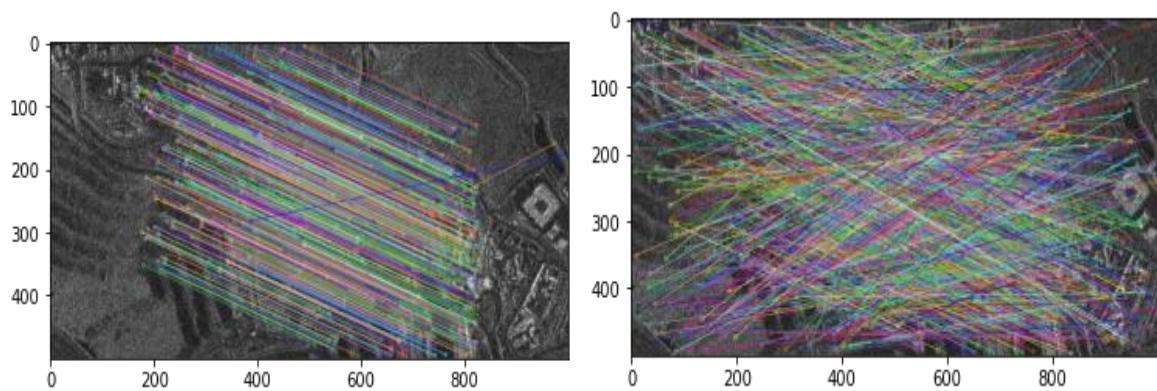
SAR-SIFT



$f_1=2521, f_2=2992$, tm=756, a=99%



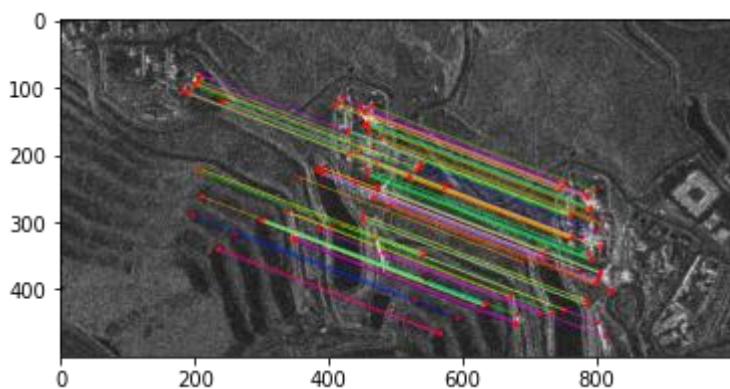
Sift



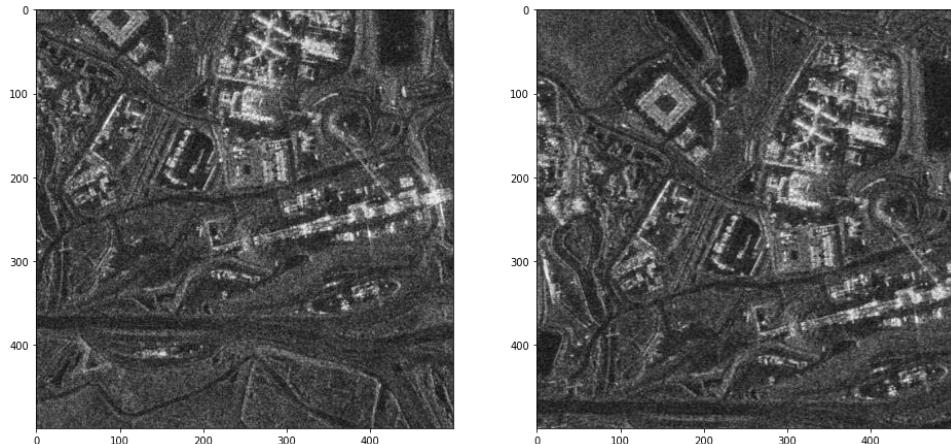
$m_1=850, m_2=1254$

$f_1= 2529, f_2=3968$ tm=1254, a=67.74%

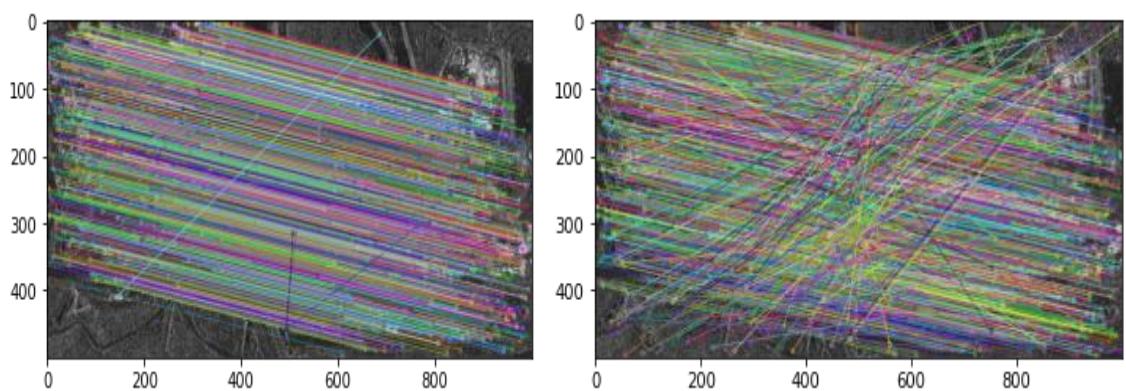
SAR-SIFT



$f_1=413, f_2=455$, tm=95, a=100%



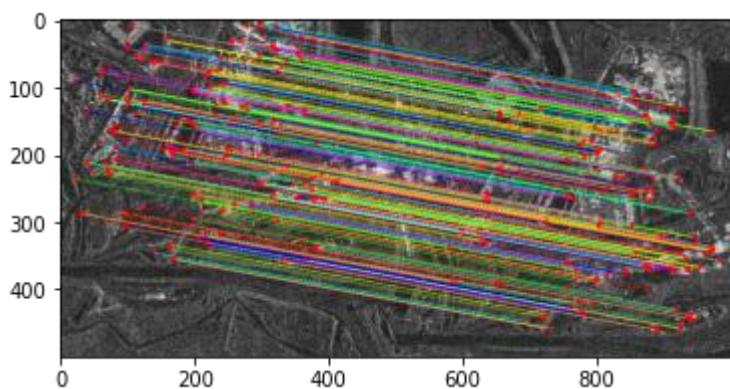
Sift



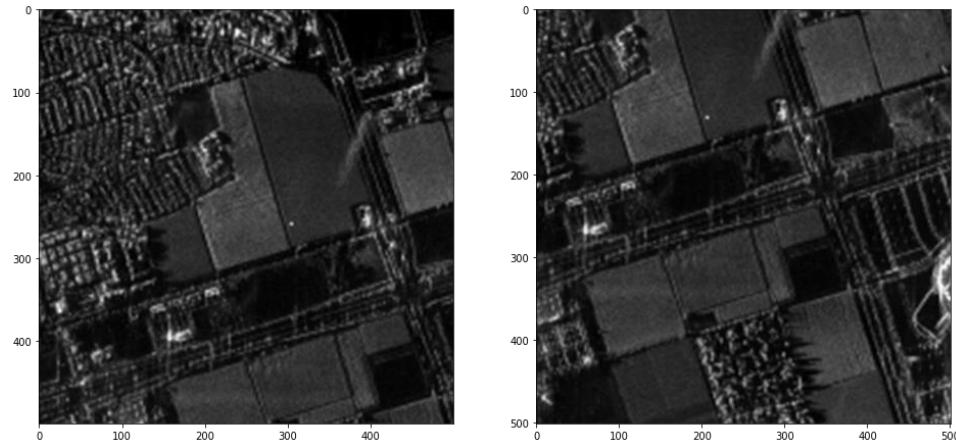
$m_1=1700, m_2=2014$

$f_1=3238, f_2=3838, t_m=2014, a=84.36\%$

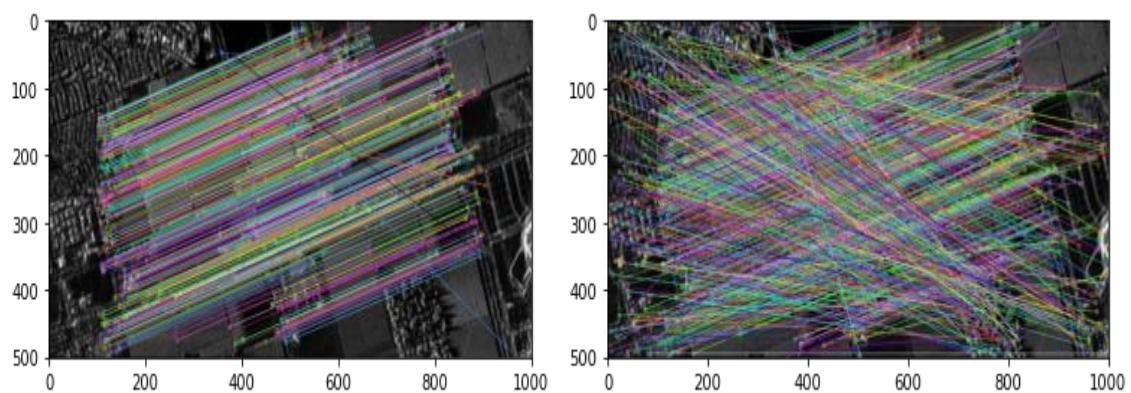
SAR-SIFT



$f_1=892, f_2=973, t_m=332, a=98\%$



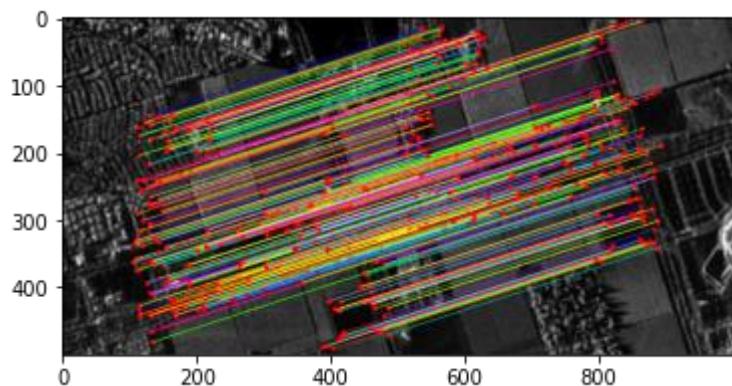
Sift



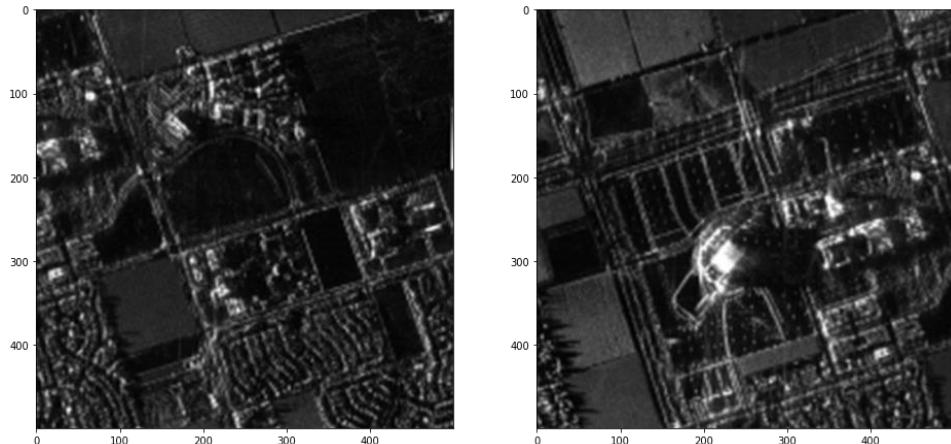
$m_1=850, m_2=1129$

$f_1=2812, f_2=2018, t_m=1129, a=75.28\%$

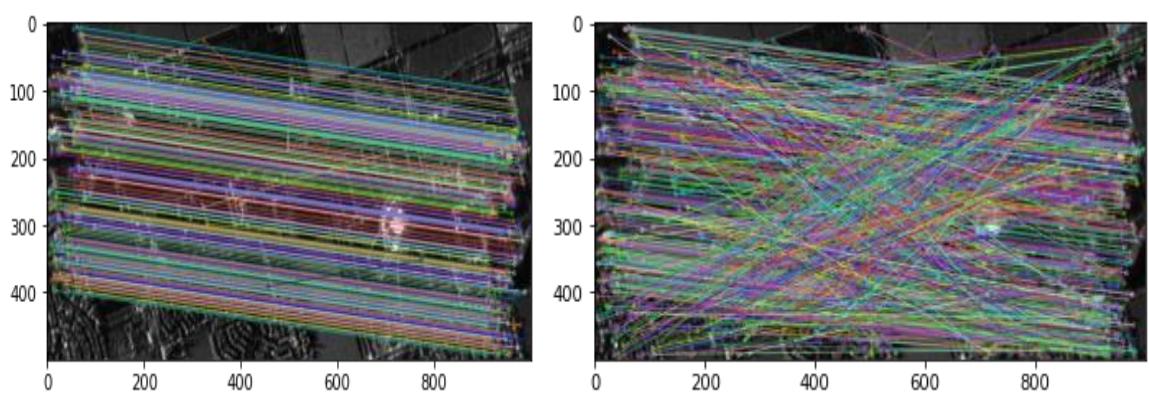
SAR-SIFT



$f_1=2799, f_2=2278, t_m=517, a=99\%$



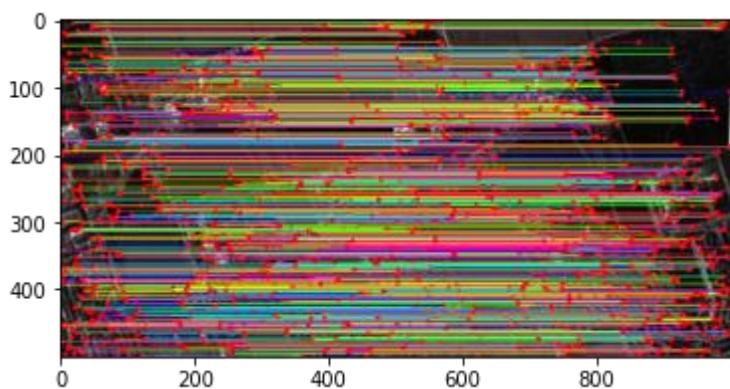
Sift



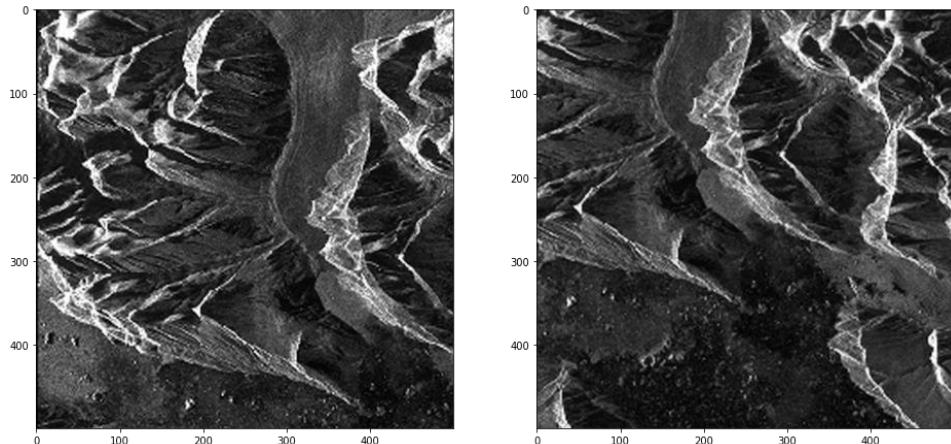
$m_1=350, m_2=839$

$f_1= 2614, f_2=2516, t_m=839, a=41.7\%$

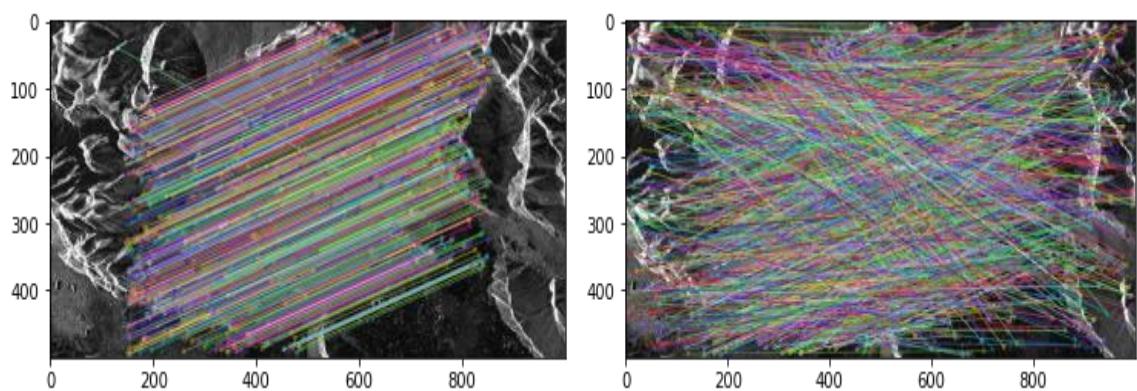
SAR-SIFT



$f_1=2871, f_2=2871, t_m=1417, a=98\%$



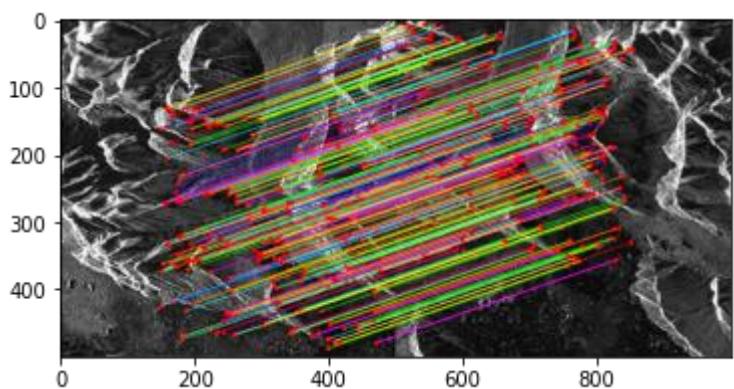
Sift



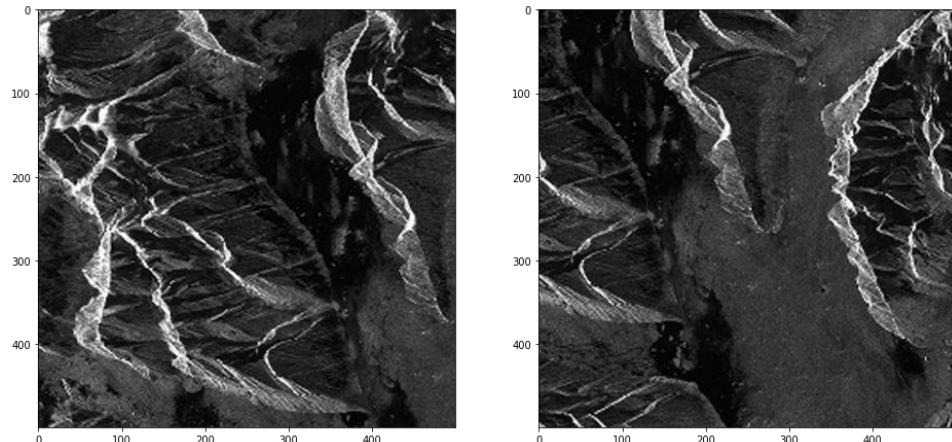
$m_1=350, m_2=2391$

$f_1=5723, f_2=4976, t_m=2391, a=14.63\%$

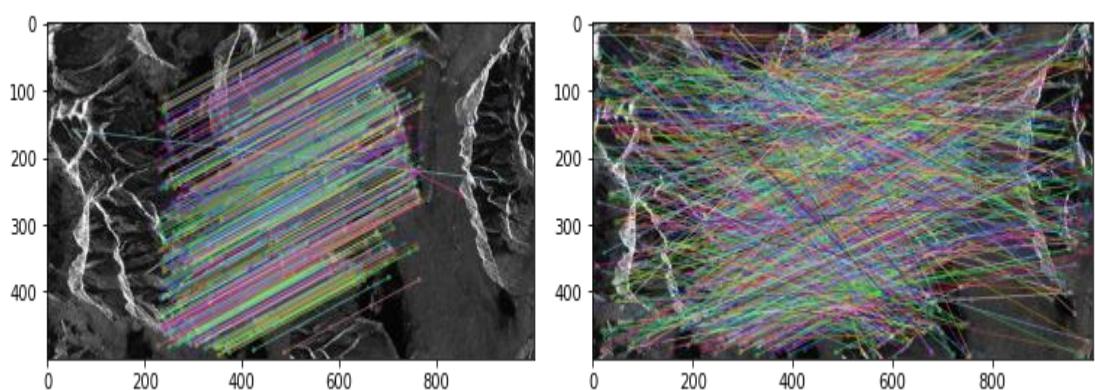
SAR-SIFT



$f_1=2116, f_2=2195, t_m=463, a=98\%$



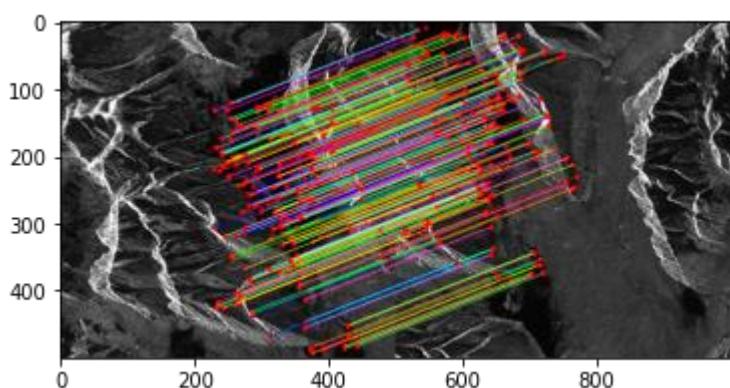
Sift



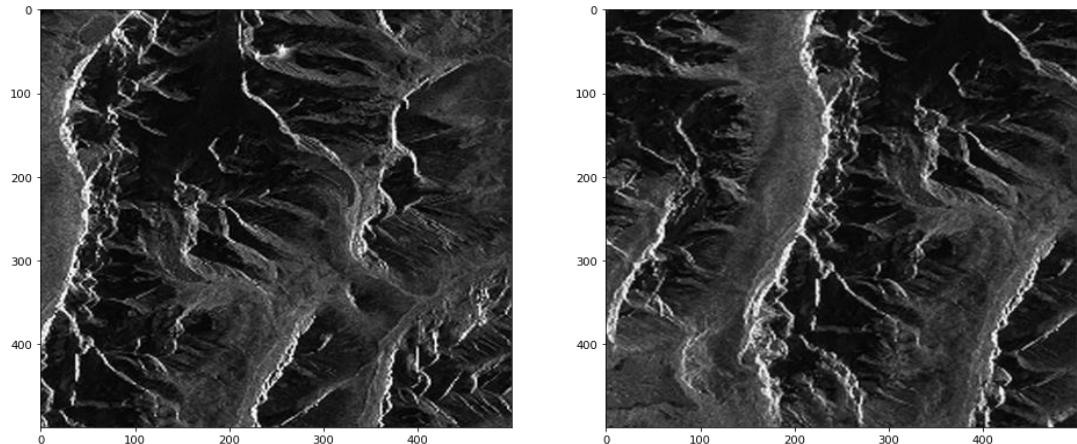
$m_1=1150, m_2=1687$

$f_1=4687, f_2=3605, t_m=1687, a=68.1\%$

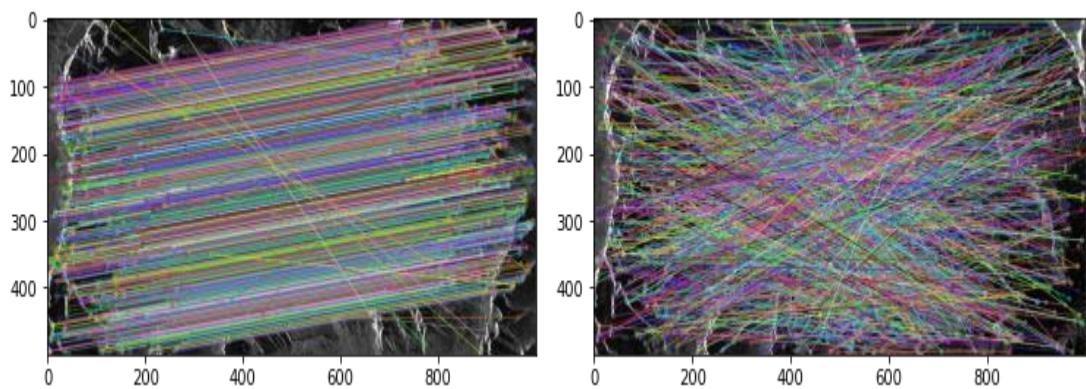
SAR-SIFT



$f_1=2307, f_2=1626, t_m=391, a=100\%$



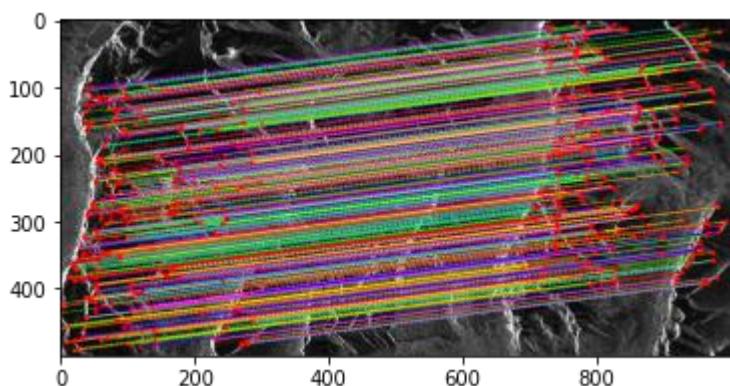
Sift



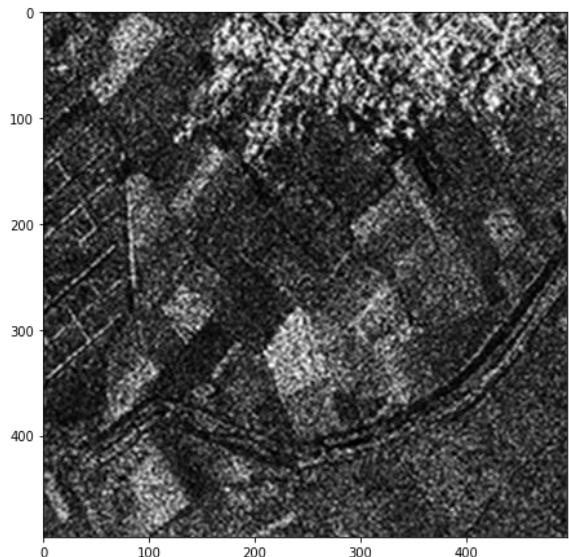
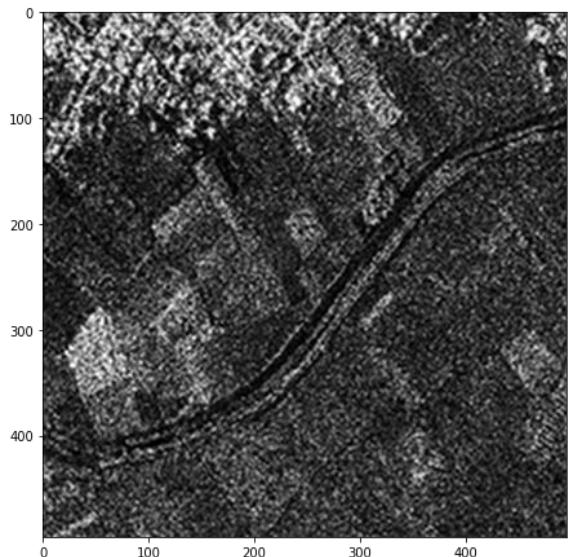
$m_1=1500, m_2=1952$

$f_1=4423, f_2=4704, t_m=1952, a=74\%$

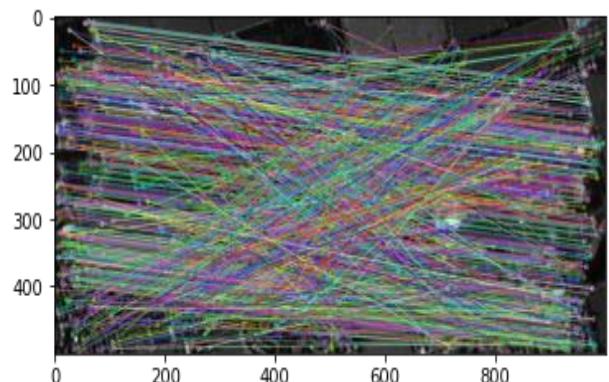
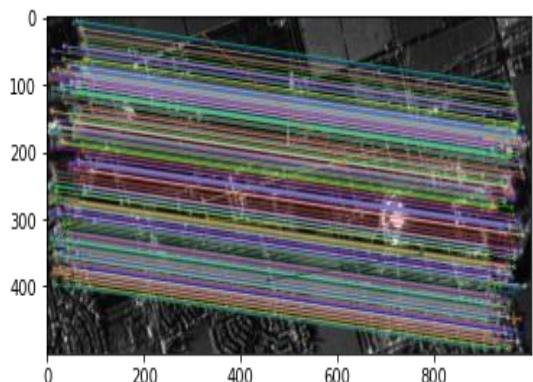
SAR-SIFT



$f_1=2527, f_2=2394, t_m=616, a=100\%$



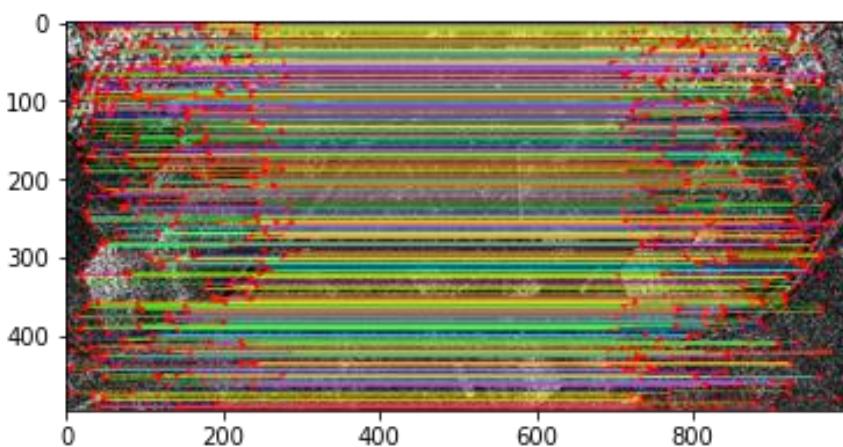
Sift



$m_1=6250, m_2=7305$

$f_1=12778, f_2=12212, t_m=7305, a=41.7\%$

SAR-SIFT



$f_1=3755, f_2=3735, t_m=992, a=98\%$