

Geometric Calibration Report

Performed at 15:48 on Wednesday, August 13, 2008 by User.

Scanner Serial Number: 151926
PhotoScan version: 4.4.1.15
Firmware revision: 5.40

CCD Angle (radians) : 0.001000
CCD Angle (degrees) : 0.057299

Width across all CCDs (microns) : 39421.000000
Size of one CCD (microns) : 6.999467

Intersections read from: C:\Program
Files\PhotoScan\CalibFiles\25NominalPoints.dat
Title: # Calibration plate: Using all 25 nominal points (in BEST order)

Table with 7 columns: Status #, X (mm), Y (mm), Observed X (mm), Observed Y (mm), Residuals X (um), Residuals Y (um). Rows 1-25 showing calibration data for points SM 1 through SM 25.

1.0036601678 = Standard Deviation (sigma)
0.7958324670 = Root Mean Square X
1.1015576216 = Root Mean Square Y
0.9999400436 = Scale X
0.9999902746 = Scale Y
-0.0194111582 = Non-orthogonality (degrees)

x = 1.0000591210 * X + 0.0013389188 * Y + 0.0 (microns)
y = -0.0010000599 * X + 1.0000092828 * Y + 5000.0 (microns)

Notes:

This file is rewritten every time a point is measured, withheld, or reinstated whether or not the resulting calibration is downloaded to the scanner.

Original Filename:

C:\PROGRA~1\PHOTOS~1\CalibFiles\GeoCalibReport_151926_13August2008.txt