SIMPLE = T / file does conform to FITS standard

BITPIX = 16 / number of bits per data pixel

NAXIS = 2 / number of data axes

NAXIS1 = 4656 / length of data axis 1

NAXIS2 = 3520 / length of data axis 2

EXTEND = T / FITS dataset may contain extensions

COMMENT FITS (Flexible Image Transport System) format is defined in 'Astronomy

COMMENT and Astrophysics', volume 376, page 359; bibcode: 2001A&A...376..359H

BZERO = 32768 / offset data range to that of unsigned short

BSCALE = 1 / default scaling factor

CREATOR = 'ZWO ASIAIR Plus' / Capture software

OFFSET = 50 / camera offset

XORGSUBF= 0 / Subframe X position in binned pixels

YORGSUBF= 0 / Subframe Y position in binned pixels

FOCALLEN= 596 / Focal length of telescope in mm

SET-TEMP= -5 / CCD temperature setpoint in degrees C

EGAIN = 4.96000003814697 / Electronic gain in e-/ADU

XBINNING= 1 / Camera X Bin

YBINNING= 1 / Camera Y Bin

CCDXBIN = 1 / Camera X Bin

CCDYBIN = 1 / Camera Y Bin

XPIXSZ = 3.79999995231628 / pixel size in microns (with binning)

YPIXSZ = 3.79999995231628 / pixel size in microns (with binning)

IMAGETYP= 'Light ' / Type of image

EXPOSURE= 60. / Exposure time in seconds

EXPTIME = 60. / Exposure time in seconds

CCD-TEMP= -5. / sensor temperature in C

RA = 325.689 / Object Right Ascension in degrees

DEC = 43.589 / Object Declination in degrees

DATE-OBS= '2024-01-18T18:19:47.687016' / Image exposure start time

FILTER = 'V ' / Filter used when taking image

INSTRUME= 'ZWO ASI1600MM Pro' / Camera model

GUIDECAM= 'ZWO ASI120MM Mini' / Guide camera model

GAIN = 0 / Gain Value

FOCUSPOS= 50863 / Focuser position in steps

TELESCOP= 'EQMod Mount' / Telescope name

CTYPE1 = 'RA---TAN-SIP' / TAN (gnomic) projection + SIP distortions

CTYPE2 = 'DEC--TAN-SIP' / TAN (gnomic) projection + SIP distortions

CRVAL1 = 325.888903924 / RA of reference point

CRVAL2 = 43.6800870247 / DEC of reference point

CRPIX1 = 1463.93554688 / X reference pixel

CRPIX2 = 1227.16470337 / Y reference pixel

CD1\_1 = -0.000365155376782 / Transformation matrix

CD1\_2 = 7.36210193544E-06 / no comment

CD2\_1 = -7.38619962844E-06 / no comment

CD2\_2 = -0.000365193954375 / no comment

A\_ORDER = 2 / Polynomial order, axis 1

B\_ORDER = 2 / Polynomial order, axis 2

AP\_ORDER= 2 / Inv polynomial order, axis 1

BP\_ORDER= 2 / Inv polynomial order, axis 2

A\_0\_0 = 0 / no comment

A\_0\_1 = 0 / no comment

A\_0\_2 = 6.00103686857E-08 / no comment

A\_1\_0 = 0 / no comment

A\_1\_1 = 1.03860666677E-08 / no comment

A\_2\_0 = 1.15585514855E-07 / no comment

B\_0\_0 = 0 / no comment

B\_0\_1 = 0 / no comment

B\_0\_2 = 4.03645054232E-08 / no comment

B\_1\_0 = 0 / no comment

B\_1\_1 = 9.87886222994E-08 / no comment

B\_2\_0 = 8.84550865709E-09 / no comment

AP\_0\_0 = -9.02351555901E-05 / no comment

AP\_0\_1 = -1.12693668296E-08 / no comment

AP\_0\_2 = -5.99789454663E-08 / no comment

AP\_1\_0 = 4.92407500716E-08 / no comment

AP\_1\_1 = -1.03482766132E-08 / no comment

AP\_2\_0 = -1.15513007363E-07 / no comment

BP\_0\_0 = -3.90600299003E-05 / no comment

BP\_0\_1 = 2.35827799211E-08 / no comment

BP\_0\_2 = -4.03376845189E-08 / no comment

BP\_1\_0 = -5.23160481153E-09 / no comment

BP\_1\_1 = -9.8735514278E-08 / no comment

BP\_2\_0 = -8.82619125635E-09 / no comment

IMAGEW = 4656 / Image width, in pixels.

IMAGEH = 3520 / Image height, in pixels.

END