

Ultraviolet Spectrometer / Polarimeter Experiment 03281

Start time May 21 1980 20:50:36 DOY 142

End time May 21 1980 21:34:18 DOY 142

Start major 502516 Minor 2

End major 502836 Minor 8

Experiment type (18) \*\*RASTER-THRU-LINE\*\*

Intvl 1 Det(s): 5 WL 2806.3 to 2807.1

Slit 12 (B) Reformatter version 15

Wavelength: Step # 113727 to # 113647

|              |       |           |              |
|--------------|-------|-----------|--------------|
|              | NW 8  | DW 10     | GBL WO=0     |
| Polarimeter: | NP 0  | DP 0      | OUT          |
| Raster:      | NX 80 | DX 3      | X-center 118 |
|              | NY 80 | DY 3      | Y-center 136 |
|              | NR 1  | -X-Y-W-P- | Gate 0.063   |

DMA information:

threshold 29  
max value 8464 at ( 48,171) WLD = 113727  
min value 46 at (231, 21)  
blue max: vel = 0 int = 2 at ( 71, 41)  
red max : vel = 0 int = 1 at ( 68, 41)  
current flarX = 240 flarY = 208

Pointing information :

NOAA active region : 2456  
Helio. Latitude and Longitude : -11.5(S), 15.5(W)  
B0: -1.8 degrees P: -18.9 degrees

Spacecraft roll : 0.0 degrees  
Spacecraft Pitch 217.9 Yaw -183.5 arcsec  
Pitch and Yaw corresponding to UVSP X-cen Y-cen :  
Pitch 159.9 arcsec  
Yaw -248.5 arcsec

X boresight : 60.0  
Y boresight : 201.0

Theta : -123.0 deg.  
R : 295.5 arcsec  
Rsun : 947.9 arcsec  
R/Rsun : 0.312

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| #   | Start Time   | Det   | Min | Max   | Mean   |
|-----|--------------|-------|-----|-------|--------|
| 1   | 20:50:36.689 | 5     | 0.  | 8464. | 782.64 |
| 2   | 21:01:01.010 | 5     | 59. | 8082. | 814.86 |
| 3   | 21:09:52.274 | 5     | 46. | 8193. | 734.89 |
| 4   | 21:20:47.122 | 5     | 73. | 6059. | 721.85 |
| Det | Min          | Max   |     |       |        |
| 5   | 0.           | 8464. |     |       |        |