

VLA OBSERVING LOG

2004-04-02_0158_AK563

Contact Observer's E-Mail Address: archung@astro.columbia.edu
 Configuration: Cs
 Decommissioned: 10
 VLBI Ref. Ant:
 VLBI Antenna Pad:

| | | | |
|-----------------|----------------|-----------------|----------|
| Program: | AK563 | Date: | 2-Apr-04 |
| Observer(s): | Chung | Initial Source: | 1331+305 |
| User #: | 20 | Observing Mode: | Line 2AC |
| Subarray(s): | 1 | Bands Used: | L |
| Source File(s): | 814K563 | | |
| Operator(s): | Greg Patterson | | |

API (Atmospheric Phase Interferometer) information can be found at:

<http://www.vla.nrao.edu/astro/guides/api/>

Adobe PDF version of this log is located at:

<http://www.vla.nrao.edu/operators/logs/>

| Time (IAT) | Dew Point (C) | Temp. (C) | Wind m/sec @ direction | Bar. Pressure (mbars) | API sat. rms ϕ | Remarks |
|---------------|---------------|-----------|------------------------|-----------------------|---------------------|-----------------------------|
| 02Apr 1:58:20 | 2.6 | 9.5 | NEat 2.6 m/s | 783.3 | 5 | Sky overcast. Mixed clouds. |

Observing Data:

| Tape # | Time of Final Record |
|--------|----------------------|
| N20170 | 02Apr 4:16:39 |
| N20171 | |

Monitor Data:

| Tape # | File # | Time of Final Record |
|--------|--------|----------------------|
| N20180 | 5 | |
| | | |

Total # of antennas used = 27

| Start Time | End Time | Comments | Form # | #Ants | Down T. (in minutes) |
|---------------|----------------|--|---------|-------|----------------------|
| 02Apr 1:58:20 | | Starting program AK563. | | | |
| 02Apr 1:59:30 | | On source 1331+305 with all available antennas. | | | |
| | | The band(s) used is(are) L | | | |
| | | Antenna(s): 21 | | | |
| | | have recently updated baseline parameters to correct for errors resulting from their recent relocation. Please check for any significant errors and let the Data Analysts (email - analysts@nrao.edu) know what you find. Thank you. | | | |
| 02Apr 1:58:20 | 02Apr 11:56:41 | Antenna(s) 13 (Data: Lost): EVLA | C112151 | 1.00 | 598.3 |
| | | Antenna is on the master pad for EVLA testing. | | | |
| 02Apr 1:58:20 | | SHADOWING IS OCCURRING! Some antennas are blocking the view of your radio source from other antennas. You may have to edit your data. Observing data: Corrupted. | | | |
| 02Apr 5:50:00 | 02Apr 6:41:00 | Antenna(s) 2 (Data: Lost): FOC/ROT | C113725 | 0.75 | 38.2 |
| | | Subreflector continuously drifting out of position in rotation. | | | |
| 02Apr 6:41:00 | 02Apr 11:56:41 | Antenna(s) 2 (Data: Lost): FOC/ROT | C113725 | 1.00 | 315.7 |
| | | Unable to keep subreflector in position. Antenna parked. | | | |

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|-------------------------|-----------------------------|--|---------------------------------|-----------------------|
| 02Apr 6:49:00 | | Your new operator is: Jim Campbell | | |
| 02Apr 6:51:00 | | Ran a backup on the Modcomp partition. | | |
| Program End Time | | Total Program Time (minutes x 27 ants.) | Downtime % of Total Time | Total Downtime |
| 02Apr 11:56:41 | End of program AK563 | 16155.4 | 5.9% | 952.3 |