

# VLA OBSERVING LOG

2004-05-13\_2314\_AK563

Contact Observer's E-Mail Address: archung@astro.columbia.edu  
 Configuration: Cs  
 Decommissioned: 14  
 VLBI Ref. Ant:  
 VLBI Antenna Pad:

Program:	<b>AK563</b>	Date:	13-May-04
Observer(s):	Aeree Chung	Initial Source:	N4694
User #:	20	Observing Mode:	Line 2BD
Subarray(s):	1	Bands Used:	L
Source File(s):	856K563		
Operator(s):	Tom Briscoe and Ryan Johnson		

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 $\phi$	Remarks
13May 23:14:55	2.3	17.9	NW at 8.6 m/s	787.5	N/A	Sky clear.

## Observing Data:

Tape #	Time of Final Record
N20348	14May 2:00:14
N20349	14May 6:02:14
N20350	

## Monitor Data:

Tape #	File #	Time of Final Record
N20340	4	13May 23:59:00
N20340	5	

**Total # of antennas used = 27**

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
13May 23:14:55		Starting program AK563.			
13May 23:27:30		On source N4694 with all available antennas.			
		The band(s) used is(are) L			
		<b>Antenna(s) : 10</b>			
		do not have good baseline positions determined for them because they were			

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		moved to their present location recently. Please check for any significant errors and let the Data Analysts (email - analysts@nrao.edu) know what you find. Thank you.			
13May 23:14:55		<b>SHADOWING IS OCCURRING!</b> Some antennas are blocking the view of your radio source from other antennas. You may have to edit your data. Observing data: Corrupted.			
13May 23:14:55	14May 9:12:14	Antenna(s) 13 (Data: Lost): EVLA Antenna is on the master pad for EVLA testing.	C112151	1.00	597.3
13May 23:14:55	14May 9:12:14	Antenna(s) 11 (Data: Lost): FOC/ROT Antenna's subreflector will not drive to proper location in Focus. Antenna is parked.	C113995	1.00	597.3
14May 2:22:00		Ran a backup on the Modcomp partition.			
14May 5:56:00		Your new operator is: Sam Gilmore			
14May 5:58:00		Ran a backup on the Modcomp partition.			
<b>Program End Time</b>			<b>Total Program Time (minutes x 27 ants.)</b>	<b>Downtime % of Total Time</b>	<b>Total Downtime</b>
<b>14May 9:12:14</b>	<b>End of program AK563</b>		<b>16127.5</b>	<b>7.4%</b>	<b>1194.6</b>