

VLA OBSERVING LOG

2004-04-09_0100_AK563

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

Program:	AK563	Date:	9-Apr-04
Observer(s):	Aeree Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	821K563A		
Operator(s):	David Midgett		

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
09Apr 1:00:59	2.7	6.4	SW at 4.5 m/s	784.8	7.2	Sky cover 80%. Mixed clouds. Thunderstorms.
09Apr 7:05:00	2.3	4.1	SW at 4.6 m/s	786	3.7	Sky cover 50%. Cumuliform clouds.
09Apr 11:07:00	2.3	4.4	W at 3.1 m/s	785.9	13.5	Sky cover 40%. Cumuliform clouds.

Observing Data:

Tape #	Time of Final Record
N20199	09Apr 1:23:29
N20200	09Apr 9:21:00
N20201	

Monitor Data:

Tape #	File #	Time of Final Record
N20190	5	

Total # of antennas used = 27

Start Time	End Time	Comments	Form #	#Ants	Down T. (in minutes)
09Apr 1:00:59		Starting program AK563.			
09Apr 1:05:00		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.			
09Apr 1:00:59	09Apr 11:29:00	Antenna(s) 13 (Data: Lost): EVLA	C112151	1.00	628.0
		Antenna is on the master pad for EVLA testing.			
09Apr 1:05:00		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.			
09Apr 5:52:00		Your new operator is: Greg Patterson			

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09Apr 6:20:00		Ran a backup on the Modcomp partition.			
09Apr 6:55:00	09Apr 7:02:00	Antenna(s) 20, 22, 24 (Data: Corrupted):	VLA CORRELTR	C113774	3.00 21.0
		Multiplier card failed in correlator. Swapped in spare card and problem cleared.			
Program End Time			Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
09Apr 11:29:00	End of program AK563		16956.5	3.8%	649.0