VLA OBSERVING LOG

2017-07-23_0026_17A-240

Observing Date:	23-Jul-2017	Project:	17A-240	# Subarrays: 1	Observation Type:	Science
Configuration:	С	Observer(PI):	Dr John M. Cannon		Band(s) Used:	L
Decommissioned:	15	SBID(s):	33803345			
		Source File(s):	17A-240_sb33803345_1_1			
		Observer E-mail:	jcannon@macalester.edu			
		Operator(s):	Matt Gardiner			

Adobe PDF version of this log is located at: http://www.vla.nrao.edu/operators/logs/

Visibility data is updated each day at IAT/UT midnight and is available from the online archive at: https://archive.nrao.edu

Time (UTC)	Dew Point (C)	Temp. (C)	Wind Speed & Direction (avg)	Bar. Pressure (mbars)	API RMS Phase (degs)		Remarks	
23Jul 0:35:24	13.0	22.7	W at 3.1 m/s	789.4	30.1	Sky cover 90%.	Thunderstorms.	Heavy rain.

Number of antennas used: 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Down Time (in minutes)
23Jul 0:26:47		Starting project 17A-240.			
23Jul 0:26:47		The band(s) used is(are): L.			
23Jul 0:34:27		On source J1206+6413 with all available antennas.			
23Jul 0:26:47		Antenna(s):11			
		have recently updated baseline parameters to correct for errors resulting from			
		their recent relocation. Please check for any significant errors and submit			
		them to the NRAO Helpdesk (https://science.nrao.edu/observing/helpdesk)			
		under the VLA Observing department.			
23Jul 0:26:47		To access your data from the NRAO archive visit:			
		https://science.nrao.edu/facilities/vla/archive.			
		All VLA science data are processed through the VLA calibration pipeline. Details			
		are at: https://science.nrao.edu/facilities/vla/data-processing/pipeline.			
		For further questions please use the NRAO helpdesk at:			
		https://science.nrao.edu/observing/helpdesk.			
23Jul 0:26:47		Note: To support our ongoing RFI monitoring efforts, any feedback from your			

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23Jul 2:00:56	End of project 17A-240		2542.1	6.4%		163.2
Project End Time			Total Project Time (minutes x 27 ants.)	Down Time % of Total Time		Total Down Time
			1			
					1	
	1				<u> </u>	
					<u> </u>	
20Jul 1.30.34		used in the next observation				
23111 1.56.34		End of script Using the next 4 minutes to ensure the troubled board is not				
		Please check your data carefully. Any effect would be limited to one subband			<u> </u>	
		during this time, the board itself may have continued to output good data			<u> </u>	
23Jul 1:55:00		WIDAK baseline board b106-t-5 CMIB stopped responding. I believe this				
		These antennas have new ACUs, they were all back on source by 1:52:53 UT.				
23Jul 1:42:08	23Jul 1:52:53	Antenna(s) 1, 2, 8, 14, 17, 21 (Data: Lost): SITE POWER			6.00	64.5
		antennas with original ACUs on source by 1:46:50 UT.				<u></u>
		All antennas dropped out of DPM. Cleared faults and I	repointed antennas. All			
23Jul 1:42:08	23Jul 1:46:50	Antenna(s) All (Data: Lost):	SITE POWER	Power	21.00	98.7
23Jul 1:42:08		Site power loss for ~1 second.			ļ	
		https://science.nrao.edu/facilities/vla/docs/manuals/ob				
		updated on the EVLA science pages at:				
		Thanks very much for your support; this information will be continuously				
		- If possible, a spectrum of the RFI should be included	d in the e-mail.			
		intermittent?				
		- The characteristics of the RFI signal, in particular if i	t is continuous or			
		- Frequency and Time of the observations				
		- Observation/project code				
<u> </u>	1	The key information to provide is:			<u> </u>	
		program on RFI can be sent to: prao-rfi@prao.edu				