

V&V Reference Report

L2 ASCDS Version : 10

Observation 53655 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 5 2013

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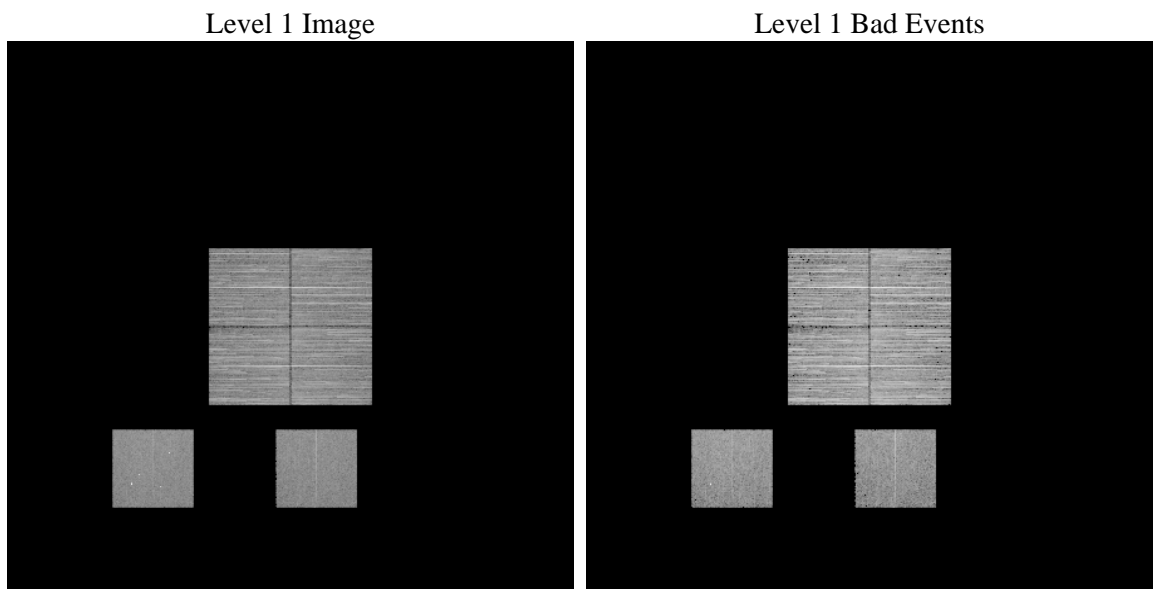
1 Front

seq_num	 	Sequence number
obs_id	53655	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	28.972750938352	Nominal RA [deg]
dec_nom	-7.9899925673409	Nominal Dec [deg]
roll_nom	126.94555620137	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6905.5249921083	Sum of GTIs [s]
livetime	6818.0830766503	Livetime [s]
ontime0	6908.7999743223	Sum of GTIs [s]
ontime1	6908.7999743223	Sum of GTIs [s]
ontime2	6908.7999743223	Sum of GTIs [s]
ontime3	6905.4839221239	Sum of GTIs [s]
ontime5	6908.7999743223	Sum of GTIs [s]
ontime7	6905.5249921083	Sum of GTIs [s]
l2events	199172	Number of level 2 events

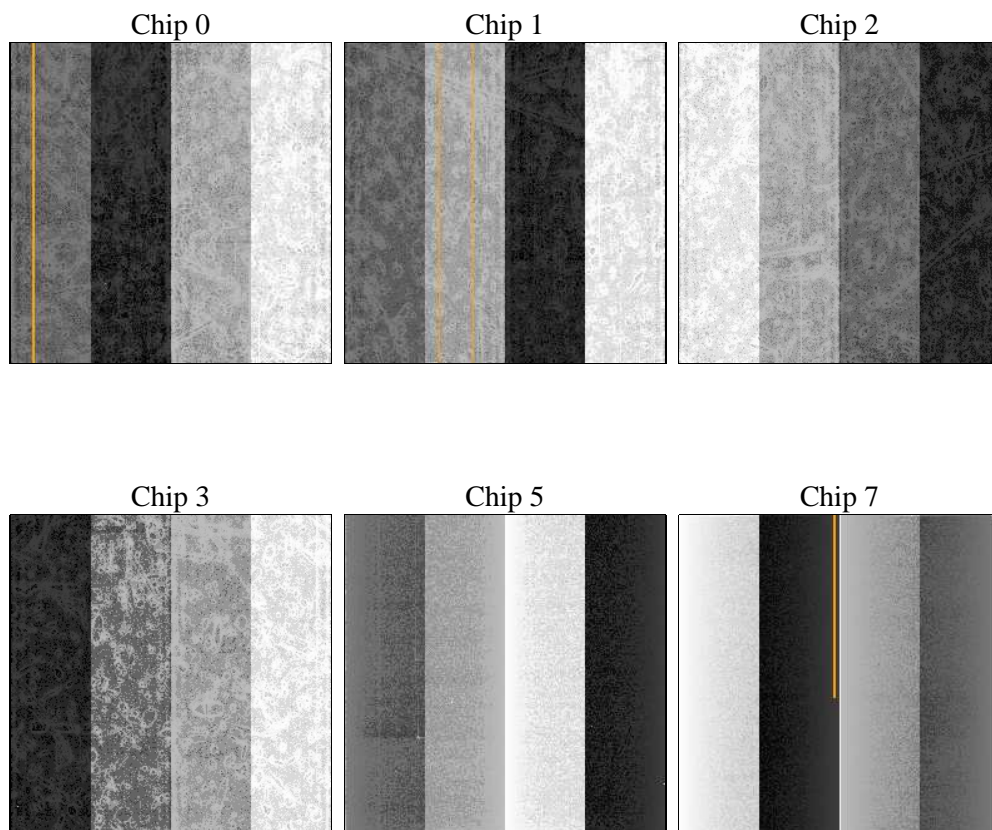
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10	Processing system revision	ontime	6905.5249921083	Sum of GTIs [s]
caldsver	4.5.6	 	ontime0	6908.7999743223	Sum of GTIs [s]
date	2013-06-05T22:12:43	Date and time of file creation	ontime1	6908.7999743223	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6908.7999743223	Sum of GTIs [s]
			ontime3	6905.4839221239	Sum of GTIs [s]
			ontime5	6908.7999743223	Sum of GTIs [s]
			ontime7	6905.5249921083	Sum of GTIs [s]
			l1events	712415	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	119537	118090	131045	131562	110410	101771	grade 0 events	13841	13664	14652	14388	6707	7504
rejected events	92292	90537	103073	104005	57673	53323		11%	11%	11%	10%	6%	7%
rejected %	77%	76%	78%	79%	52%	52%	grade 1 events	59	51	80	74	111	78
								0%	0%	0%	0%	0%	0%
							grade 2 events	5405	5636	5283	5015	20020	11889
								4%	4%	4%	3%	18%	11%
							grade 3 events	1881	1900	1929	1949	1915	3958
								1%	1%	1%	1%	1%	3%
							grade 4 events	1810	1816	1881	1936	1846	3953
								1%	1%	1%	1%	1%	3%
							grade 5 events	2263	2310	2102	2592	4818	6069
								1%	1%	1%	1%	4%	5%
							grade 6 events	4308	4537	4227	4269	22249	21144
								3%	3%	3%	3%	20%	20%
							grade 7 events	89970	88176	100891	101339	52744	47176
								75%	74%	76%	77%	47%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	28.97275093835219	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.98999256734093	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	126.9455562013661	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	486672897.097436	486672896.07244			
Observation start date	2013-06-03T18:54:57	2013-06-03T18:54:56			
[s] Observation end time (MET)	486683473.048009	486683472.02301			
Observation end date	2013-06-03T21:51:13	2013-06-03T21:51:12			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9055249921083

A.2 Comments