

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 54056 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 2 2013

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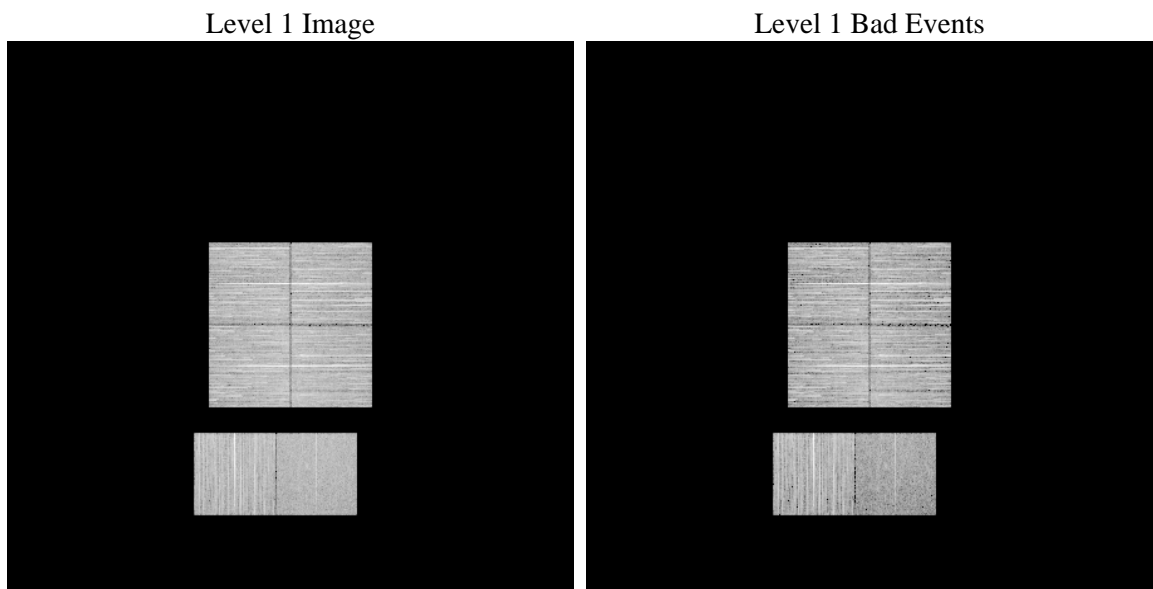
1 Front

seq_num	 	Sequence number
obs_id	54056	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	84.934820111657	Nominal RA [deg]
dec_nom	0.59989906926796	Nominal Dec [deg]
roll_nom	324.78919475791	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5353.5999801159	Sum of GTIs [s]
livetime	5285.8094736168	Livetime [s]
ontime0	5353.5999801159	Sum of GTIs [s]
ontime1	5353.5999801159	Sum of GTIs [s]
ontime2	5350.3589493632	Sum of GTIs [s]
ontime3	5353.5999801159	Sum of GTIs [s]
ontime6	5353.5999801159	Sum of GTIs [s]
ontime7	5353.5999801159	Sum of GTIs [s]
l2events	147696	Number of level 2 events

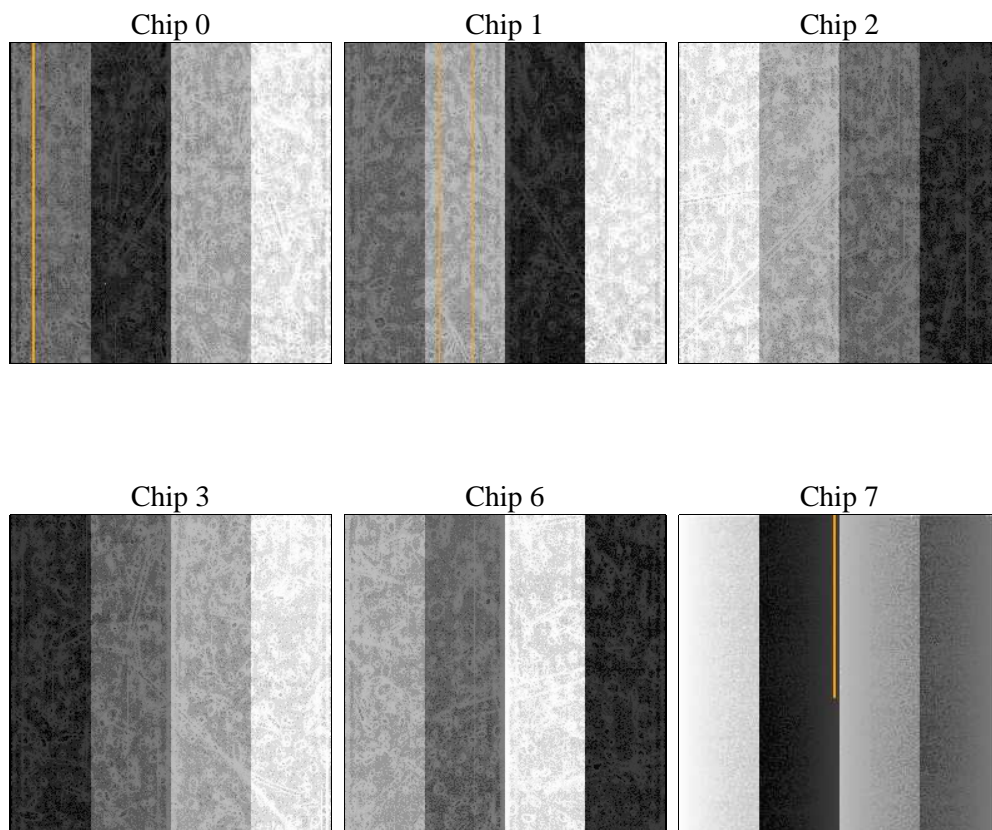
2 OBI

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	8.5.1.1	Processing system revision	ontime	5353.5999801159	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	5353.5999801159	Sum of GTIs [s]
date	2013-01-02T08:46:36	Date and time of file creation	ontime1	5353.5999801159	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5350.3589493632	Sum of GTIs [s]
			ontime3	5353.5999801159	Sum of GTIs [s]
			ontime6	5353.5999801159	Sum of GTIs [s]
			ontime7	5353.5999801159	Sum of GTIs [s]
			l1events	642249	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	110367	108917	115676	110524	109368	87397	grade 0 events	11638	11270	11998	12053	11572	5954
rejected events	87551	85935	92642	87421	85670	46636		10%	10%	10%	10%	10%	6%
rejected %	79%	78%	80%	79%	78%	53%	grade 1 events	61	62	61	65	49	58
								0%	0%	0%	0%	0%	0%
							grade 2 events	4601	4983	4479	4481	5094	10066
								4%	4%	3%	4%	4%	11%
							grade 3 events	1553	1549	1577	1567	1484	3302
								1%	1%	1%	1%	1%	3%
							grade 4 events	1506	1439	1637	1638	1528	3203
								1%	1%	1%	1%	1%	3%
							grade 5 events	1886	1982	1907	2166	1961	5057
								1%	1%	1%	1%	1%	5%
							grade 6 events	3539	3756	3360	3379	4036	18270
								3%	3%	2%	3%	3%	20%
							grade 7 events	85583	83876	90657	85175	83644	41487
								77%	77%	78%	77%	76%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	84.93482011165742	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.5998990692679638	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	324.7891947579135	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	473419115.430478	473419114.40548			
Observation start date	2013-01-01T09:18:35	2013-01-01T09:18:34			
[s] Observation end time (MET)	473428305.580972	473428304.55597			
Observation end date	2013-01-01T11:51:46	2013-01-01T11:51:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3535999801159

A.2 Comments