

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55634 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

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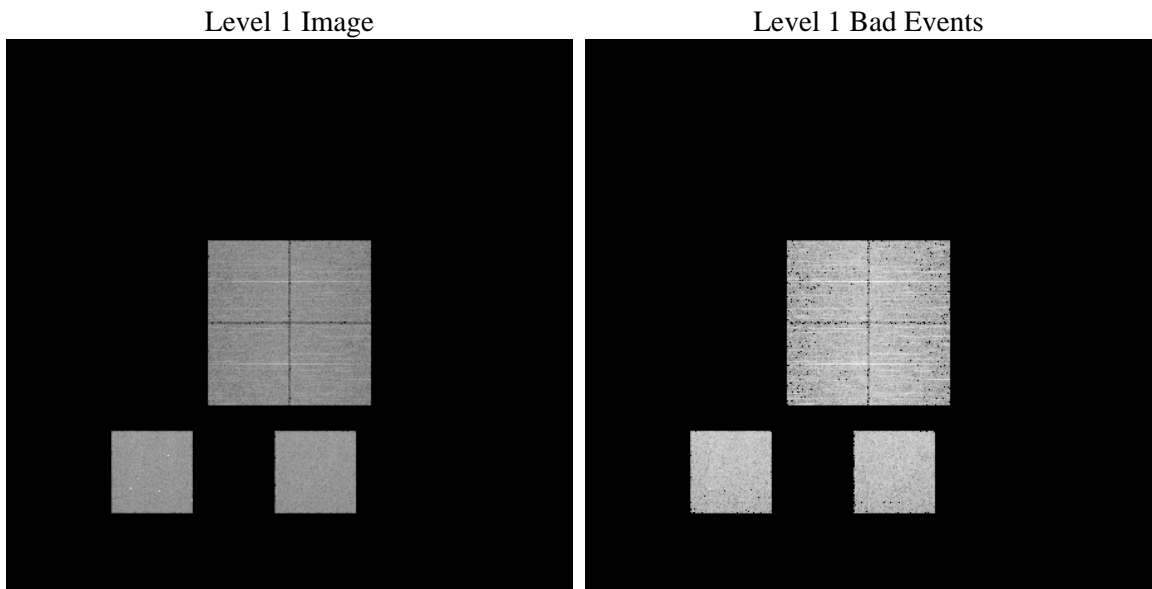
1 Front

seq_num	 	Sequence number
obs_id	55634	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	136.02941316182	Nominal RA [deg]
dec_nom	-12.502786290789	Nominal Dec [deg]
roll_nom	321.29809150597	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4335.9999839067	Sum of GTIs [s]
livetime	4281.0949412848	Livetime [s]
ontime0	4335.9999839067	Sum of GTIs [s]
ontime1	4335.9999839067	Sum of GTIs [s]
ontime2	4335.9999839067	Sum of GTIs [s]
ontime3	4335.9719701409	Sum of GTIs [s]
ontime5	4335.9999839067	Sum of GTIs [s]
ontime7	4335.9999839067	Sum of GTIs [s]
l2events	193327	Number of level 2 events

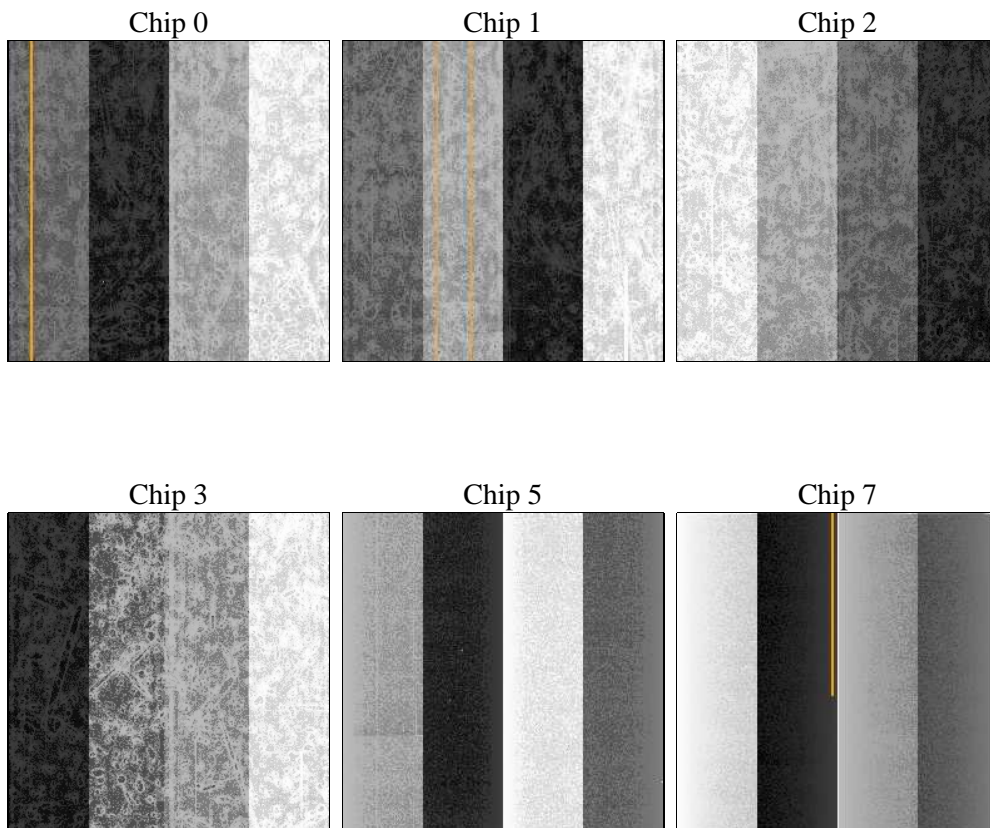
2 OBI

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	8.4.3	Processing system revision	ontime	4335.9999839067	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	4335.9999839067	Sum of GTIs [s]
date	2012-02-04T20:17:25	Date and time of file creation	ontime1	4335.9999839067	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4335.9999839067	Sum of GTIs [s]
			ontime3	4335.9719701409	Sum of GTIs [s]
			ontime5	4335.9999839067	Sum of GTIs [s]
			ontime7	4335.9999839067	Sum of GTIs [s]
			l1events	392617	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	57708	56870	58584	60144	81180	78131	grade 0 events	14770	14441	15204	15059	7397	7842
rejected events	29547	29072	30553	32122	33442	32908		25%	25%	25%	25%	9%	10%
rejected %	51%	51%	52%	53%	41%	42%	grade 1 events	97	84	102	96	118	71
								0%	0%	0%	0%	0%	0%
							grade 2 events	5258	5238	4896	4913	16526	9718
								9%	9%	8%	8%	20%	12%
							grade 3 events	1876	1863	1975	1968	1968	4037
								3%	3%	3%	3%	2%	5%
							grade 4 events	1927	1867	1911	1942	1879	4123
								3%	3%	3%	3%	2%	5%
							grade 5 events	1966	1977	1926	2083	4444	5201
								3%	3%	3%	3%	5%	6%
							grade 6 events	4330	4389	4045	4140	19968	19503
								7%	7%	6%	6%	24%	24%
							grade 7 events	27484	27011	28525	29943	28880	27636
								47%	47%	48%	49%	35%	35%

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	136.0294131618184	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-12.50278629078878	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	321.29809150597	[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)	414668774.839791	414668773.81479			
Observation start date	2011-02-21T09:46:15	2011-02-21T09:46:13			
[s] Observation end time (MET)	414683735.740565	414683734.71556			
Observation end date	2011-02-21T13:55:36	2011-02-21T13:55:34			
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)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3359999839067

A.2 Comments