

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51523 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 6 2015

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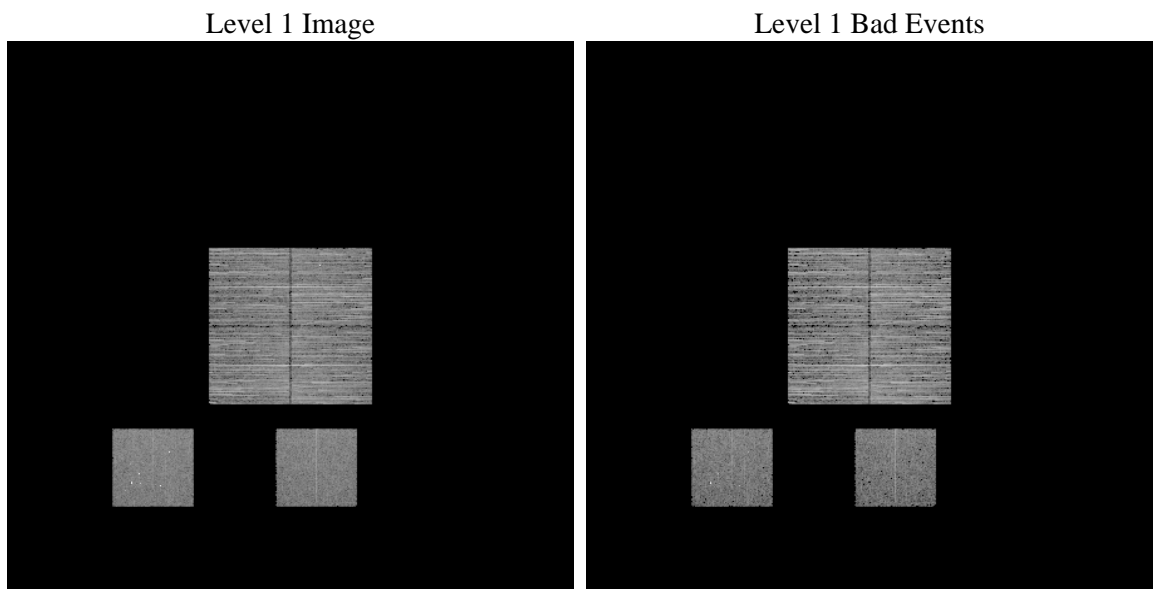
1 Front

seq_num	 	Sequence number
obs_id	51523	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	66.986411159133	Nominal RA [deg]
dec_nom	15.02576831105	Nominal Dec [deg]
roll_nom	84.554382605895	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3259.9919447899	Sum of GTIs [s]
livetime	3218.7119638535	Livetime [s]
ontime0	3259.950904727	Sum of GTIs [s]
ontime1	3259.9098647833	Sum of GTIs [s]
ontime2	3259.8688247204	Sum of GTIs [s]
ontime3	3260.0329847336	Sum of GTIs [s]
ontime5	3259.8277847767	Sum of GTIs [s]
ontime7	3259.9919447899	Sum of GTIs [s]
l2events	69084	Number of level 2 events

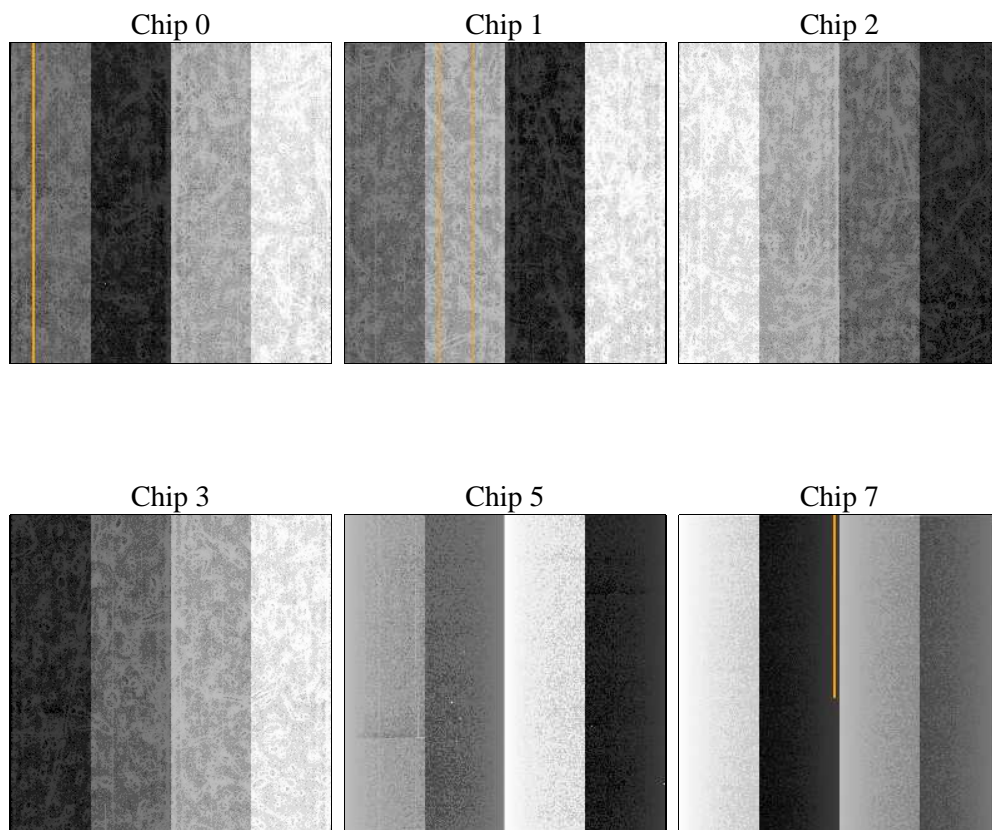
2 OBI

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	10.4.2.1	Processing system revision	ontime	3259.9919447899	Sum of GTIs [s]
caldbver	4.6.10a	 	ontime0	3259.950904727	Sum of GTIs [s]
date	2015-11-06T21:47:00	Date and time of file creation	ontime1	3259.9098647833	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3259.8688247204	Sum of GTIs [s]
			ontime3	3260.0329847336	Sum of GTIs [s]
			ontime5	3259.8277847767	Sum of GTIs [s]
			ontime7	3259.9919447899	Sum of GTIs [s]
			l1events	383504	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	62348	71700	69645	69667	59429	50715	grade 0 events	4069	4703	4261	4230	4718	2263
rejected events	54125	62505	61566	61449	35091	31719		6%	6%	6%	6%	7%	4%
rejected %	86%	87%	88%	88%	59%	62%	grade 1 events	24	21	29	34	70	35
								0%	0%	0%	0%	0%	0%
							grade 2 events	1994	2387	1801	1770	8511	5108
								3%	3%	2%	2%	14%	10%
							grade 3 events	668	562	619	629	674	1449
								1%	0%	0%	0%	1%	2%
							grade 4 events	603	571	596	632	647	1473
								0%	0%	0%	0%	1%	2%
							grade 5 events	1221	1205	1195	1372	2395	3138
								1%	1%	1%	1%	4%	6%
							grade 6 events	1522	1627	1404	1532	11488	10040
								2%	2%	2%	2%	19%	19%
							grade 7 events	52247	60624	59740	59468	30926	27209
								83%	84%	85%	85%	52%	53%

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	OVERRIDE	OVERRIDE
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	66.98641115913323	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	15.02576831104986	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	84.55438260589516	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	563192657.630262	563192657.630262			
Observation start date	2015-11-06T10:24:18	2015-11-06T10:24:17			
[s] Observation end time (MET)	563197433.8168629	563197433.8168629			
Observation end date	2015-11-06T11:43:54	2015-11-06T11:43:53			
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)	2015.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2599919447899

A.2 Comments