

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52280 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 30 2014

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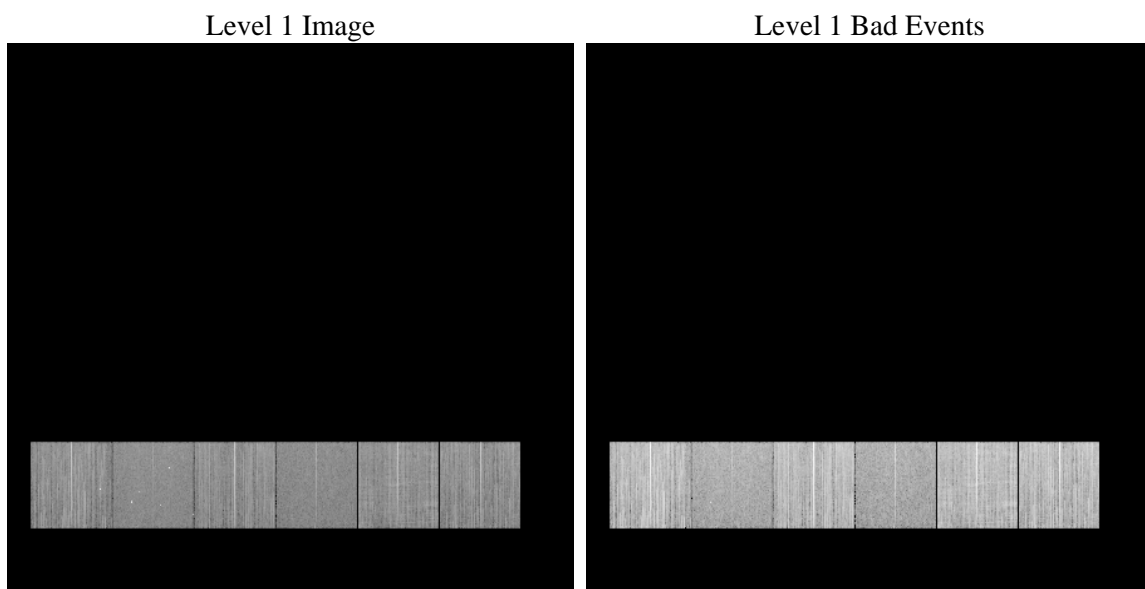
1 Front

seq_num	 	Sequence number
obs_id	52280	Observation id
title	ACIS-456789 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	264.96254638048	Nominal RA [deg]
dec_nom	-68.022949085615	Nominal Dec [deg]
roll_nom	204.16305107289	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8280.1161543727	Sum of GTIs [s]
livetime	8175.2683379386	Livetime [s]
ontime4	8279.9930343628	Sum of GTIs [s]
ontime5	8280.0751143694	Sum of GTIs [s]
ontime6	8276.7930740118	Sum of GTIs [s]
ontime7	8280.1161543727	Sum of GTIs [s]
ontime8	8279.9519943595	Sum of GTIs [s]
ontime9	8280.157194376	Sum of GTIs [s]
l2events	197090	Number of level 2 events

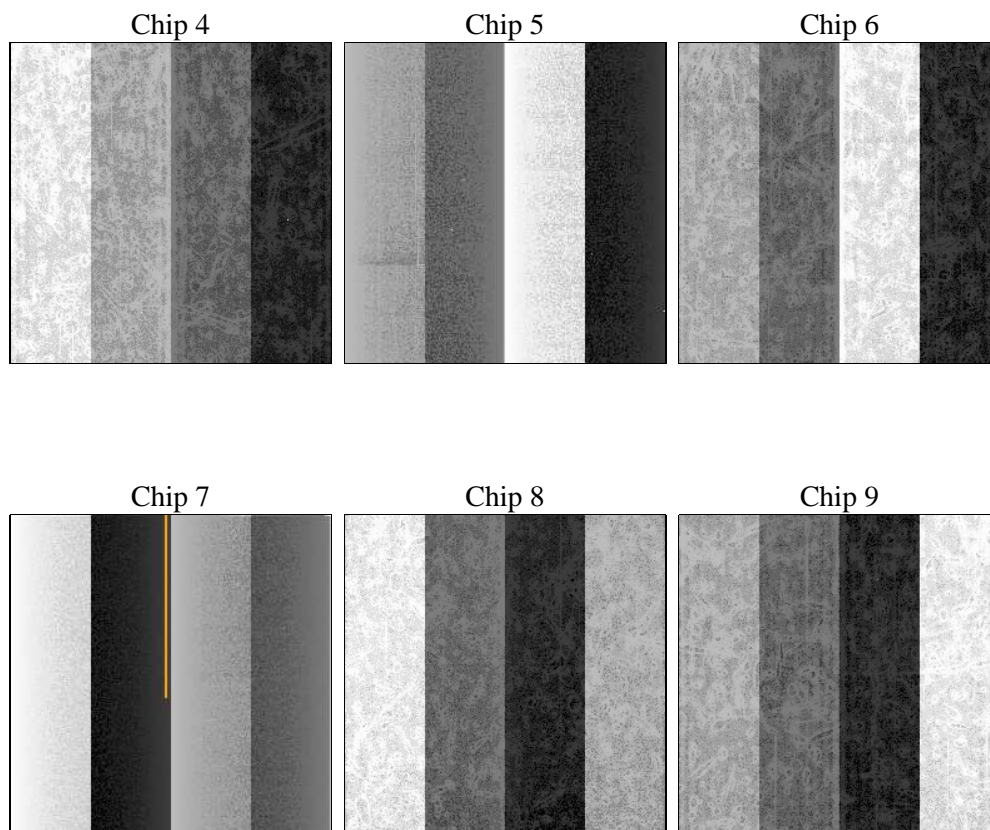
2 OBI

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	10.3	Processing system revision	ontime	8280.1161543727	Sum of GTIs [s]
caldbver	4.6.4	 	ontime4	8279.9930343628	Sum of GTIs [s]
date	2014-12-01T02:24:38	Date and time of file creation	ontime5	8280.0751143694	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8276.7930740118	Sum of GTIs [s]
			ontime7	8280.1161543727	Sum of GTIs [s]
			ontime8	8279.9519943595	Sum of GTIs [s]
			ontime9	8280.157194376	Sum of GTIs [s]
			l1events	897350	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	159885	134165	156810	121119	168356	157015	grade 0 events	14684	6828	12079	6558	14894	12298
rejected events	133418	75385	131397	69764	133436	131898		9%	5%	7%	5%	8%	7%
rejected %	83%	56%	83%	57%	79%	84%	grade 1 events	116	207	80	86	76	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	4832	21014	5418	12646	7334	5112
								3%	15%	3%	10%	4%	3%
							grade 3 events	1792	1818	1657	4003	2778	1724
								1%	1%	1%	3%	1%	1%
							grade 4 events	1776	1873	1666	3958	2748	1751
								1%	1%	1%	3%	1%	1%
							grade 5 events	3209	6107	3118	7587	4205	3495
								2%	4%	1%	6%	2%	2%
							grade 6 events	3383	27247	4593	24190	7166	4232
								2%	20%	2%	19%	4%	2%
							grade 7 events	130093	69071	128199	62091	129155	128338
								81%	51%	81%	51%	76%	81%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	264.9625463804784
[deg] Pointing Dec	0	-68.02294908561532
[deg] Pointing Roll	0.0	204.1630510728922
[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)	533713792.53656	533713791.51156
Observation start date	2014-11-30T05:49:53	2014-11-30T05:49:51
[s] Observation end time (MET)	533748373.988488	533748372.96349
Observation end date	2014-11-30T15:26:14	2014-11-30T15:26:12
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2801161543727

A.2 Comments