

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55549 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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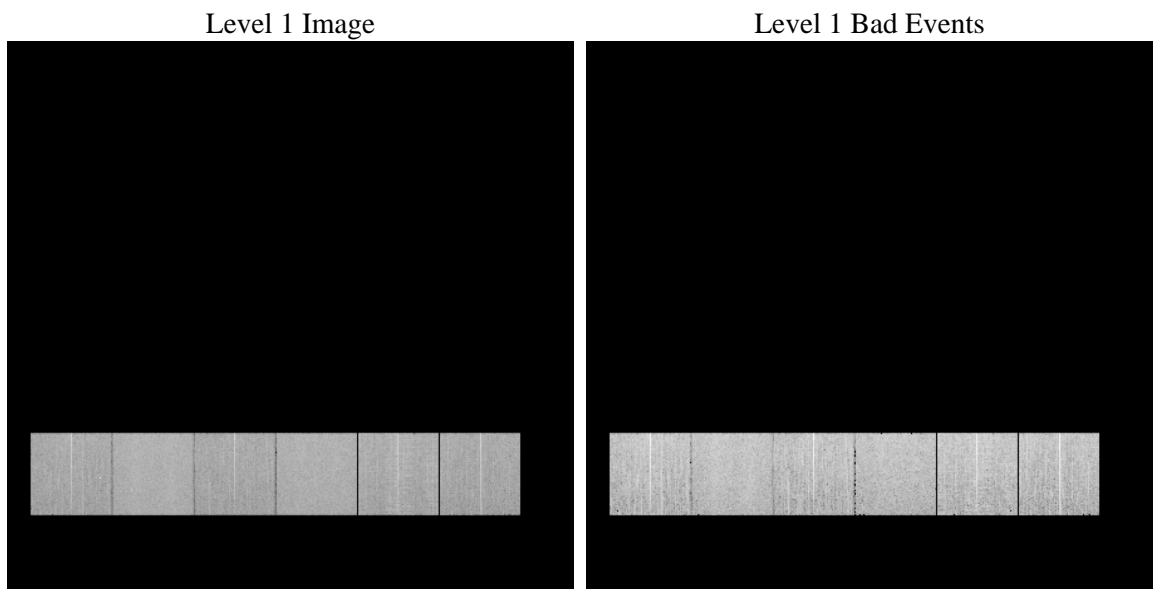
1 Front

seq_num	 	Sequence number
obs_id	55549	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	214.99252798741	Nominal RA [deg]
dec_nom	-13.472159142016	Nominal Dec [deg]
roll_nom	71.877162401404	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.4079926014	Sum of GTIs [s]
livetime	8176.5438181338	Livetime [s]
ontime4	8281.2848725915	Sum of GTIs [s]
ontime5	8281.3669525981	Sum of GTIs [s]
ontime6	8281.3259125948	Sum of GTIs [s]
ontime7	8281.4079926014	Sum of GTIs [s]
ontime8	8281.2438325882	Sum of GTIs [s]
ontime9	8280.827919364	Sum of GTIs [s]
l2events	348971	Number of level 2 events

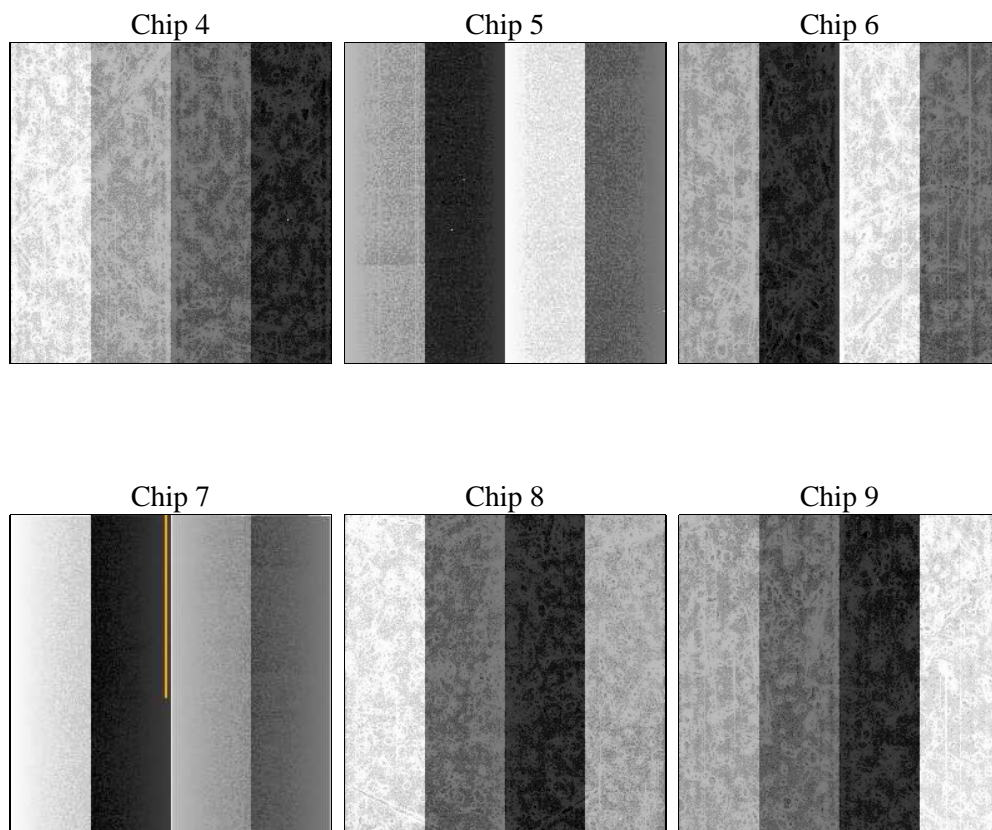
2 OBI

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	8281.4079926014	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8281.2848725915	Sum of GTIs [s]
date	2012-02-07T01:42:43	Date and time of file creation	ontime5	8281.3669525981	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8281.3259125948	Sum of GTIs [s]
			ontime7	8281.4079926014	Sum of GTIs [s]
			ontime8	8281.2438325882	Sum of GTIs [s]
			ontime9	8280.827919364	Sum of GTIs [s]
			l1events	756674	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	114115	143731	113024	140187	131821	113796	grade 0 events	29045	8368	26624	13589	30628	27101
rejected events	63901	62632	60671	59622	67703	62247		25%	5%	23%	9%	23%	23%
rejected %	55%	43%	53%	42%	51%	54%	grade 1 events	251	159	128	118	183	173
								0%	0%	0%	0%	0%	0%
							grade 2 events	7626	30324	10085	17821	12231	9122
								6%	21%	8%	12%	9%	8%
							grade 3 events	3509	2929	3463	7032	4887	3396
								3%	2%	3%	5%	3%	2%
							grade 4 events	3505	2853	3290	6805	4696	3474
								3%	1%	2%	4%	3%	3%
							grade 5 events	3560	7180	3581	8800	4782	3963
								3%	4%	3%	6%	3%	3%
							grade 6 events	6551	36660	8911	35363	11723	8456
								5%	25%	7%	25%	8%	7%
							grade 7 events	60068	55258	56942	50659	62691	58111
								52%	38%	50%	36%	47%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	214.9925279874064	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.47215914201551	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	71.87716240140404	[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)	417895147.006887	417895145.98189			
Observation start date	2011-03-30T17:59:07	2011-03-30T17:59:05			
[s] Observation end time (MET)	417906944.757498	417906943.7325			
Observation end date	2011-03-30T21:15:45	2011-03-30T21:15:43			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2814079926014

A.2 Comments