

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59343 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 31 2012

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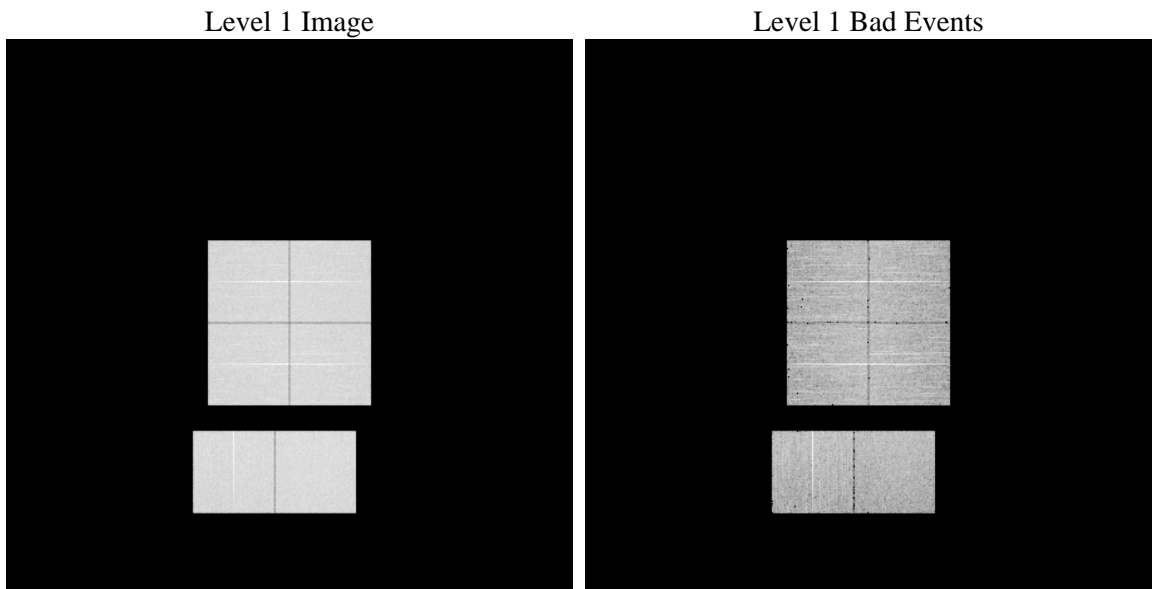
1 Front

seq_num	 	Sequence number
obs_id	59343	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	50.019648985895	Nominal RA [deg]
dec_nom	-13.678695564311	Nominal Dec [deg]
roll_nom	15.30389260752	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime0	8275.1999691725	Sum of GTIs [s]
ontime1	8275.1999691725	Sum of GTIs [s]
ontime2	8275.1999691725	Sum of GTIs [s]
ontime3	8275.1999691725	Sum of GTIs [s]
ontime6	8275.1999691725	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
l2events	1058728	Number of level 2 events

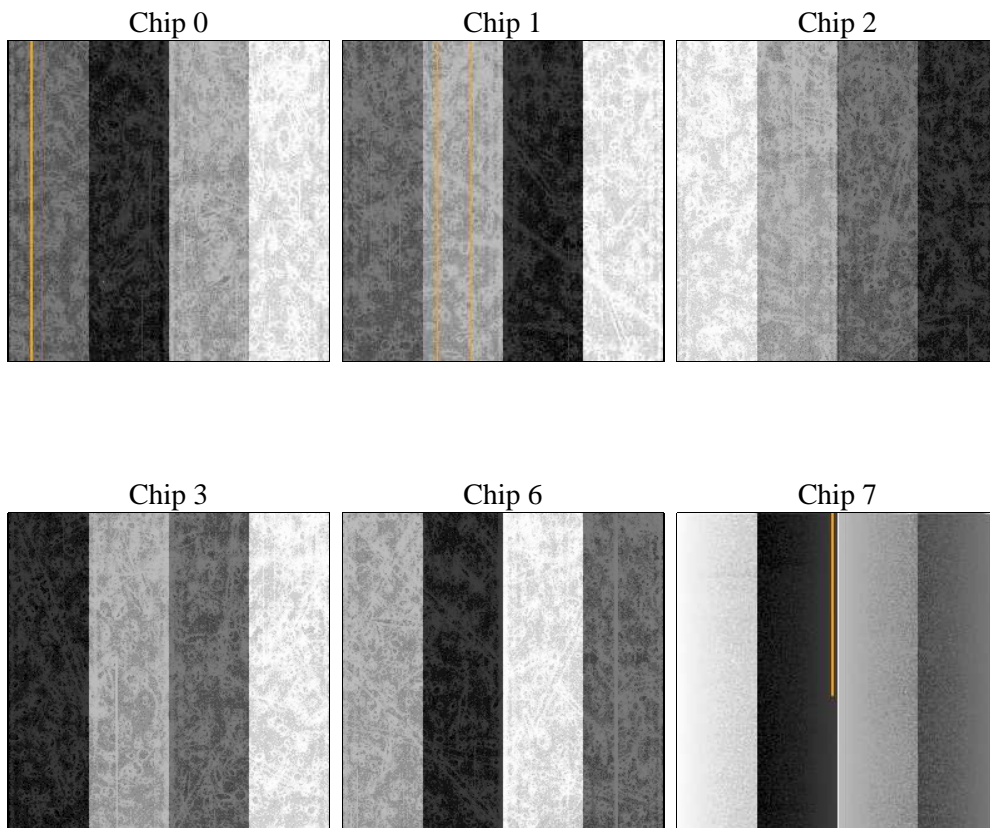
2 OBI

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	8275.1999691725	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	8275.1999691725	Sum of GTIs [s]
date	2012-12-31T13:36:36	Date and time of file creation	ontime1	8275.1999691725	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8275.1999691725	Sum of GTIs [s]
			ontime3	8275.1999691725	Sum of GTIs [s]
			ontime6	8275.1999691725	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			l1events	1476547	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	238476	238852	243900	243676	251912	259731	grade 0 events	97570	97625	100062	101333	101226	47520
rejected events	59750	58844	63825	62072	63944	53808		40%	40%	41%	41%	40%	18%
rejected %	25%	24%	26%	25%	25%	20%	grade 1 events	619	551	680	629	510	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	31247	32072	30340	30952	32629	45277
								13%	13%	12%	12%	12%	17%
							grade 3 events	11594	11520	11800	11951	12068	20207
								4%	4%	4%	4%	4%	7%
							grade 4 events	11726	11636	11936	11929	11660	20025
								4%	4%	4%	4%	4%	7%
							grade 5 events	3488	3621	3482	3891	3890	9459
								1%	1%	1%	1%	1%	3%
							grade 6 events	26589	27155	25937	25518	30385	72894
								11%	11%	10%	10%	12%	28%
							grade 7 events	55643	54672	59663	57473	59544	44181
								23%	22%	24%	23%	23%	17%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	50.01964898589463	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-13.6786955643111	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	15.30389260752017			
[mm] SIM focus pos	-0.782348	-0.7823481983384333			
[mm] SIM defocus	0	0.7509884410658636			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	247688512.257816	247688511.23283			
Observation start date	2005-11-06T18:21:52	2005-11-06T18:21:51			
[s] Observation end time (MET)	247709822.008799	247709820.98381			
Observation end date	2005-11-07T00:17:02	2005-11-07T00:17:00			
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)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments