

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53117 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 2 2014

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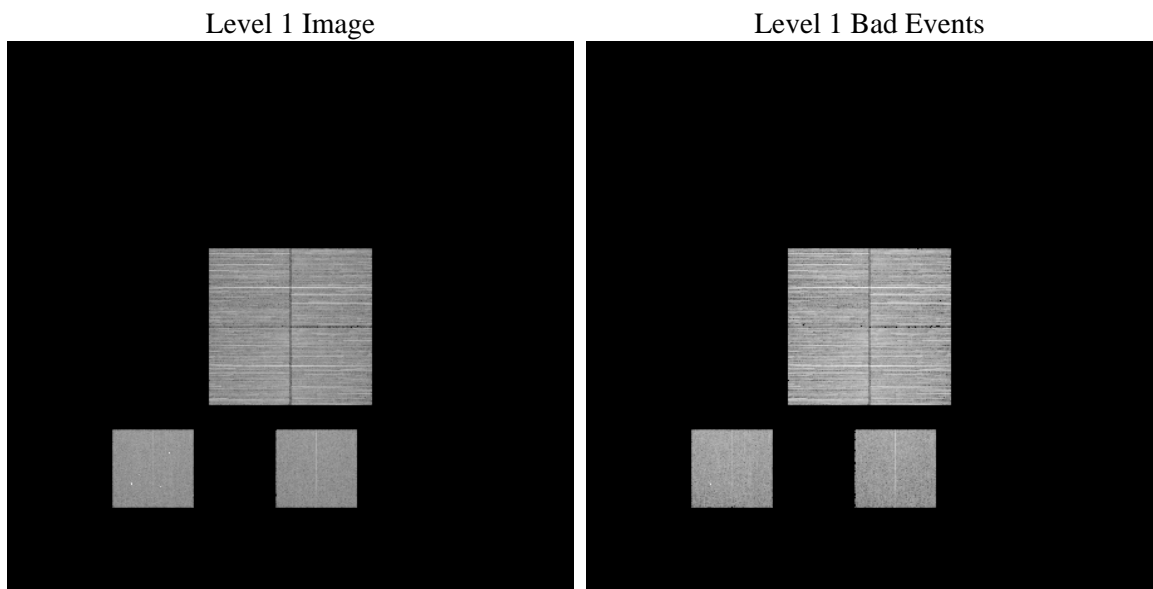
1 Front

seq_num	 	Sequence number
obs_id	53117	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	232.57805964331	Nominal RA [deg]
dec_nom	5.465784747671	Nominal Dec [deg]
roll_nom	57.398184075227	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.4732934833	Sum of GTIs [s]
livetime	8182.5323165239	Livetime [s]
ontime0	8287.43225348	Sum of GTIs [s]
ontime1	8287.3912134767	Sum of GTIs [s]
ontime2	8287.3501734734	Sum of GTIs [s]
ontime3	8287.5143334866	Sum of GTIs [s]
ontime5	8287.3091334701	Sum of GTIs [s]
ontime7	8287.4732934833	Sum of GTIs [s]
l2events	214947	Number of level 2 events

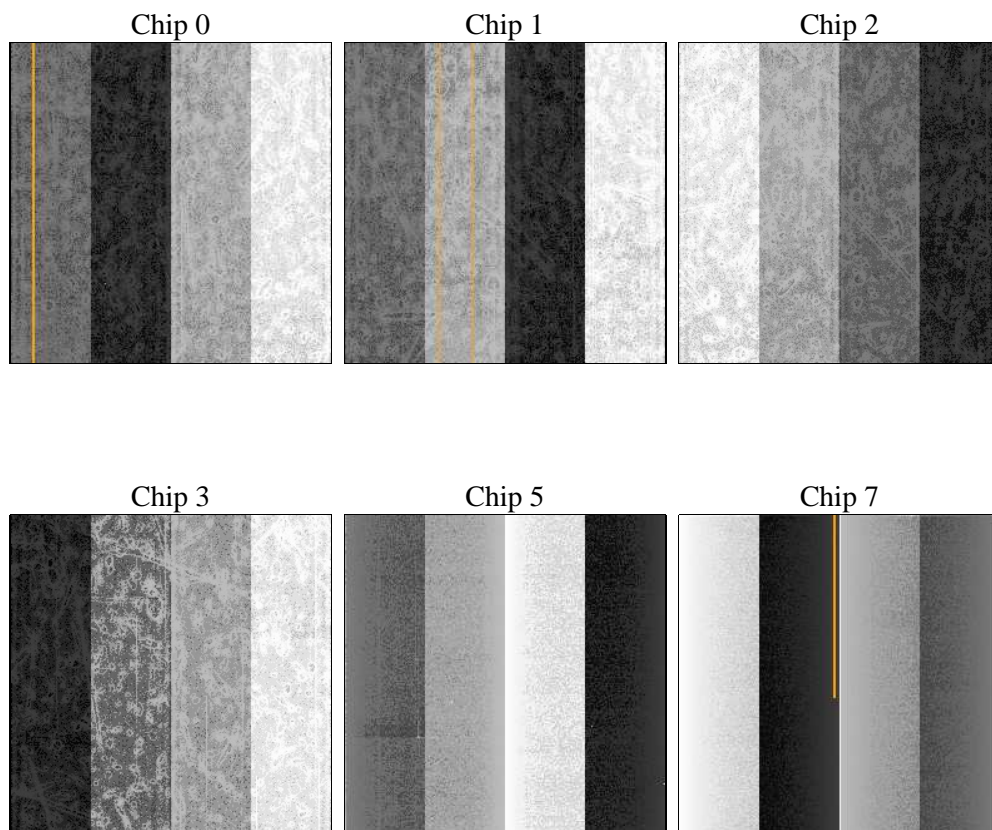
2 OBI

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	10.1.1	Processing system revision	ontime	8287.4732934833	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8287.43225348	Sum of GTIs [s]
date	2014-01-02T11:11:15	Date and time of file creation	ontime1	8287.3912134767	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8287.3501734734	Sum of GTIs [s]
			ontime3	8287.5143334866	Sum of GTIs [s]
			ontime5	8287.3091334701	Sum of GTIs [s]
			ontime7	8287.4732934833	Sum of GTIs [s]
			l1events	807226	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	131012	139270	147287	142709	128799	118149	grade 0 events	14371	13804	15098	14944	7039	7544
rejected events	102622	110751	118172	113776	69551	64119		10%	9%	10%	10%	5%	6%
rejected %	78%	79%	80%	79%	53%	54%	grade 1 events	69	63	70	88	121	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	5686	6045	5581	5619	21907	13022
								4%	4%	3%	3%	17%	11%
							grade 3 events	1960	1821	1987	1995	2173	4475
								1%	1%	1%	1%	1%	3%
							grade 4 events	1844	1980	2012	2032	2047	4253
								1%	1%	1%	1%	1%	3%
							grade 5 events	2779	2772	2539	3100	6015	7119
								2%	1%	1%	2%	4%	6%
							grade 6 events	4536	4878	4452	4351	26104	24766
								3%	3%	3%	3%	20%	20%
							grade 7 events	99767	107907	115548	110580	63393	56872
								76%	77%	78%	77%	49%	48%

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	232.578059643309	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.465784747670972	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	57.39818407522699	[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)	504955554.545864	504955553.52086			
Observation start date	2014-01-01T09:25:55	2014-01-01T09:25:53			
[s] Observation end time (MET)	504968159.996556	504968158.97156			
Observation end date	2014-01-01T12:56:00	2014-01-01T12:55:58			
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)	2014.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2874732934833

A.2 Comments