

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58531 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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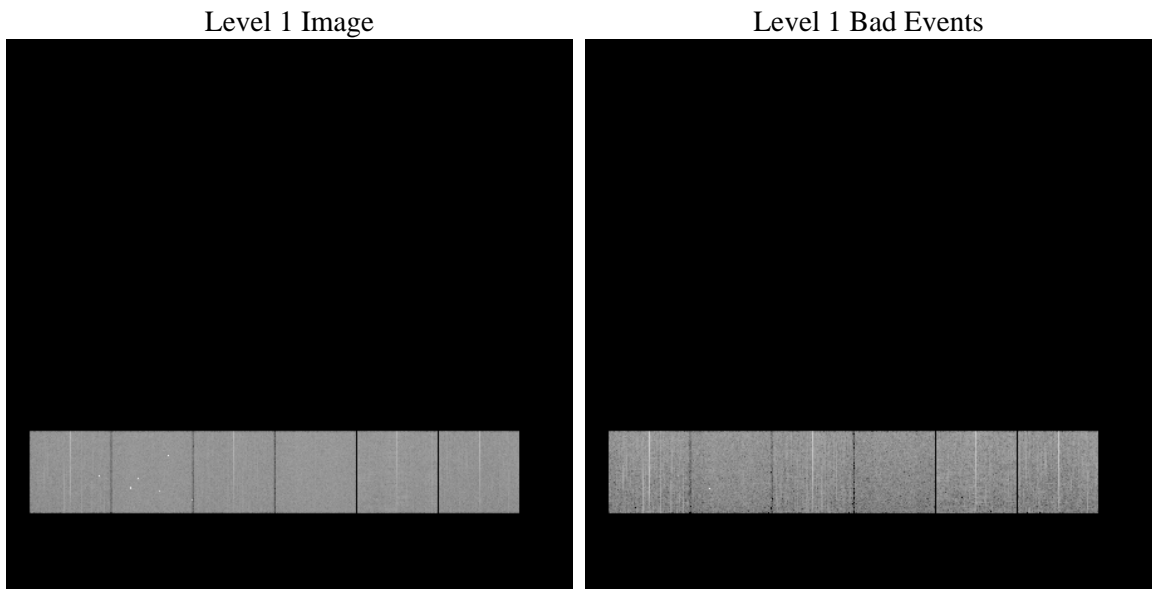
1 Front

seq_num	 	Sequence number
obs_id	58531	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	156.90994775021	Nominal RA [deg]
dec_nom	8.324569101064	Nominal Dec [deg]
roll_nom	61.447965694017	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7052.6351516247	Sum of GTIs [s]
livetime	6963.3304387478	Livetime [s]
ontime4	7052.5120316148	Sum of GTIs [s]
ontime5	7052.5941116214	Sum of GTIs [s]
ontime6	7052.5530716181	Sum of GTIs [s]
ontime7	7052.6351516247	Sum of GTIs [s]
ontime8	7052.4709916115	Sum of GTIs [s]
ontime9	7052.676191628	Sum of GTIs [s]
l2events	743015	Number of level 2 events

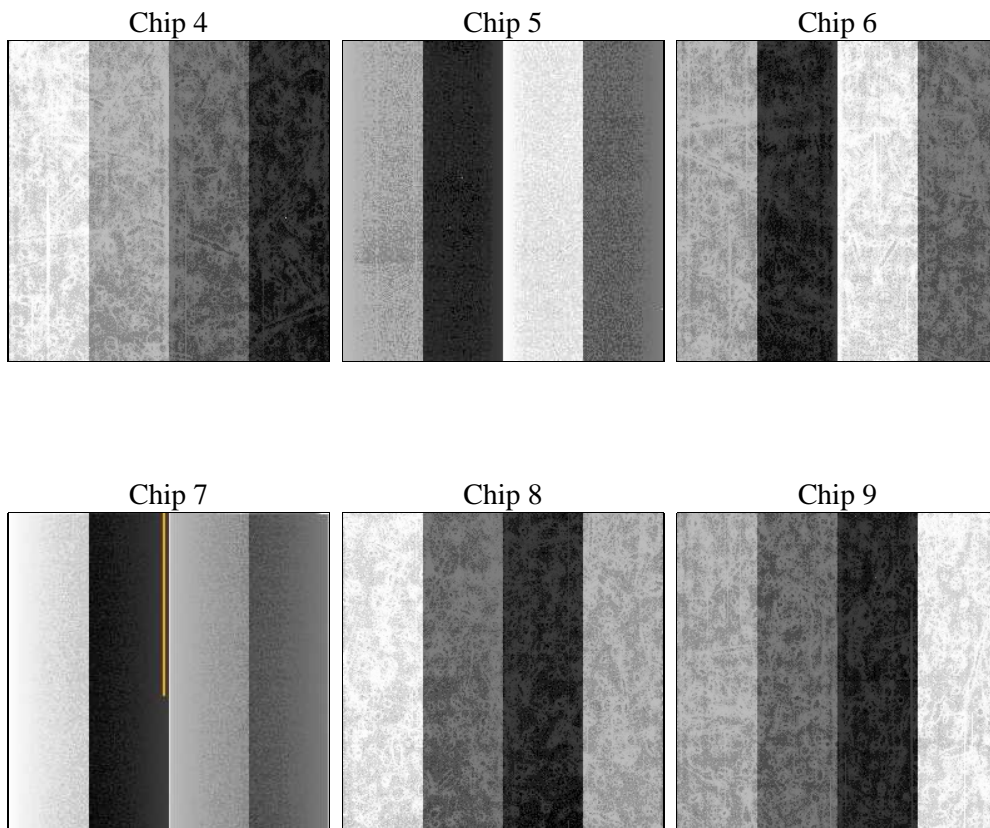
2 OBI

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	8.4.4	Processing system revision	ontime	7052.6351516247	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7052.5120316148	Sum of GTIs [s]
date	2012-04-20T04:59:52	Date and time of file creation	ontime5	7052.5941116214	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7052.5530716181	Sum of GTIs [s]
			ontime7	7052.6351516247	Sum of GTIs [s]
			ontime8	7052.4709916115	Sum of GTIs [s]
			ontime9	7052.676191628	Sum of GTIs [s]
			l1events	1174540	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	188876	200879	192646	201205	204204	186730	grade 0 events	69407	29312	67268	33166	71323	66302
rejected events	67959	58009	64989	52011	66523	63162		36%	14%	34%	16%	34%	35%
rejected %	35%	28%	33%	25%	32%	33%	grade 1 events	659	214	424	140	475	492
								0%	0%	0%	0%	0%	0%
							grade 2 events	18996	50933	22407	32541	24652	21340
								10%	25%	11%	16%	12%	11%
							grade 3 events	8290	7357	8058	14298	9351	8107
								4%	3%	4%	7%	4%	4%
							grade 4 events	8148	7199	8108	14139	9145	7971
								4%	3%	4%	7%	4%	4%
							grade 5 events	3455	8254	3842	8694	4665	3932
								1%	4%	1%	4%	2%	2%
							grade 6 events	16147	48131	21876	55127	23283	19906
								8%	23%	11%	27%	11%	10%
							grade 7 events	63774	49479	60663	43100	61310	58680
								33%	24%	31%	21%	30%	31%

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	156.9099477502137
[deg] Pointing Dec	0	8.324569101064043
[deg] Pointing Roll	0.0	61.4479656940175
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	287853807.437978	287853806.41298
Observation start date	2007-02-14T15:23:27	2007-02-14T15:23:26
[s] Observation end time (MET)	287865402.238529	287865401.21353
Observation end date	2007-02-14T18:36:42	2007-02-14T18:36:41
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0526351516247

A.2 Comments