

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4994 - L2 Version 001
Chandra X-Ray Center

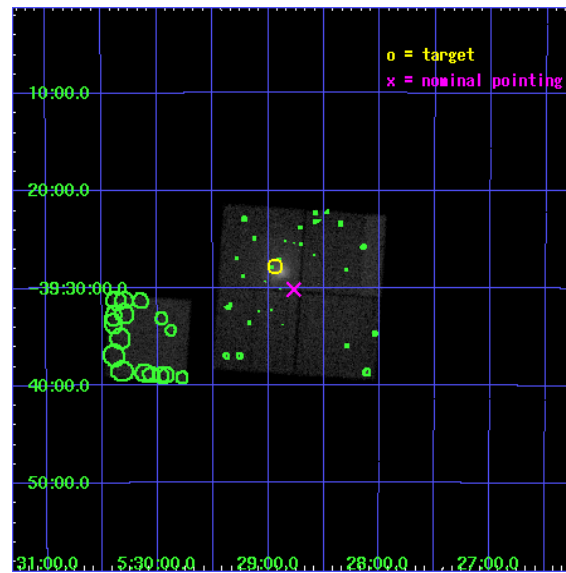
L2 Processing Date : May 29 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

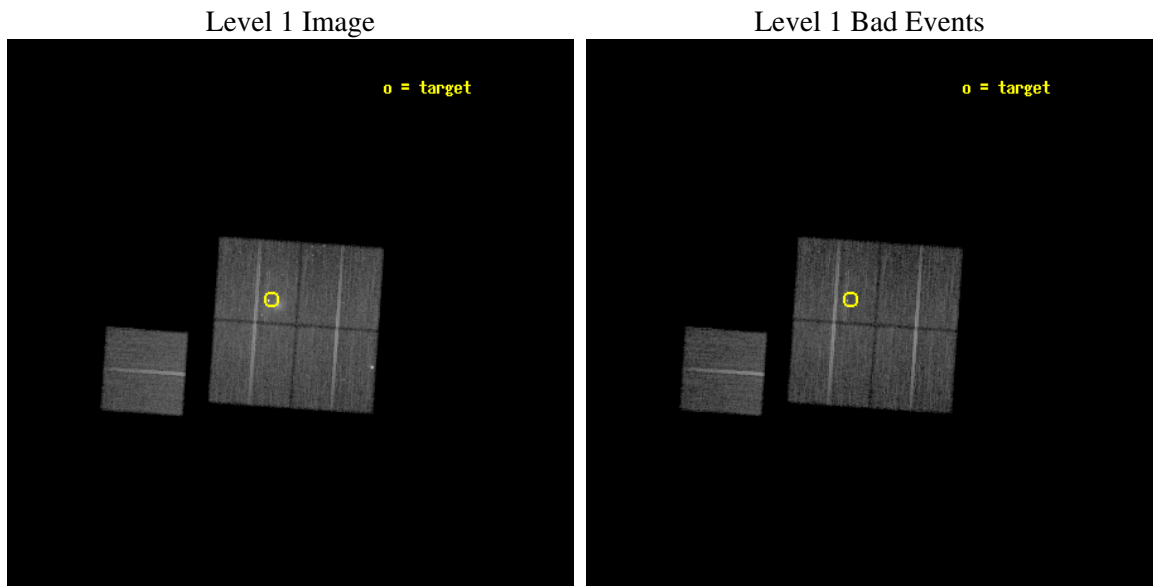
seq_num	800437
obs_id	4994
title	Studying the effect of merging clusters in cosmological cluster samples
observer	Prof. Hans Boehringer
object	RXCJ0528.9-3927
dtcycle	0
cycle	P
ra_targ	82.234583
dec_targ	-39.462778
ra_nom	82.192406886307
dec_nom	-39.502624015721
roll_nom	273.98076484757
revision	2
ontime	22750.85898605
livetime	22453.602264458
ontime0	22750.858996004
ontime1	22750.858996004
ontime2	22744.577035606
ontime3	22750.85898605
ontime6	22750.85898602
l2events	137006



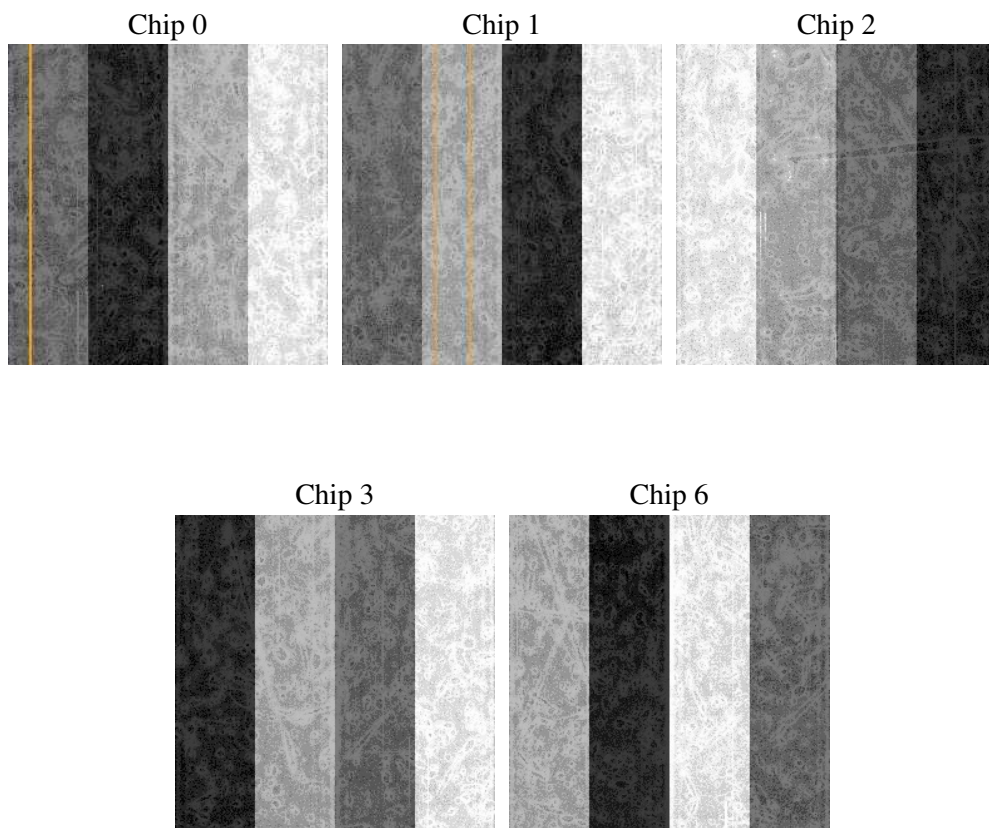
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-29T10:49:01
revision	2

sched_exp_time	22636.141000
ontime	22756.560108304
ontime0	22756.560118258
ontime1	22756.560148209
ontime2	22750.27815786
ontime3	22756.560108304
ontime6	22756.560138226
l1events	708180

2.1.4 Events

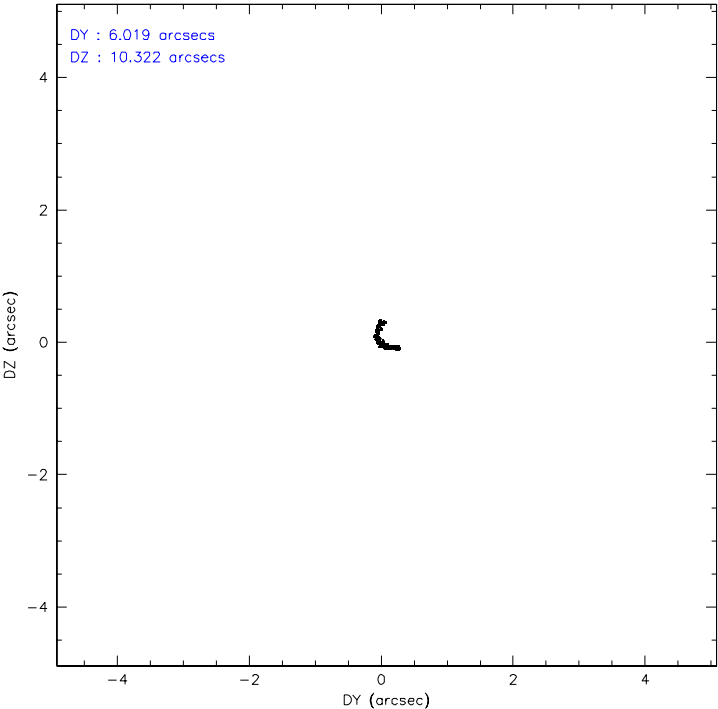
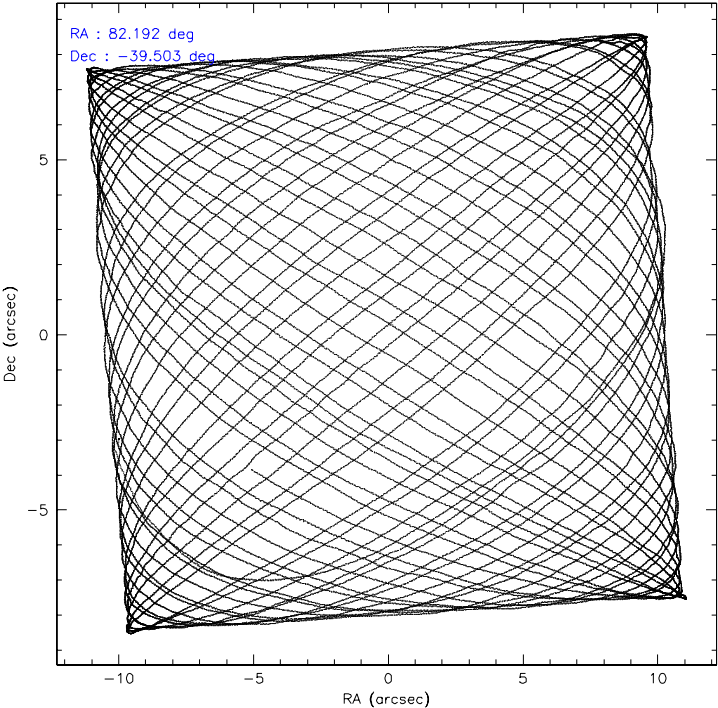
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	134645	132205	142096	159734	139500
rejected events	108576	102876	117348	115683	111822
rejected %	80%	77%	82%	72%	80%

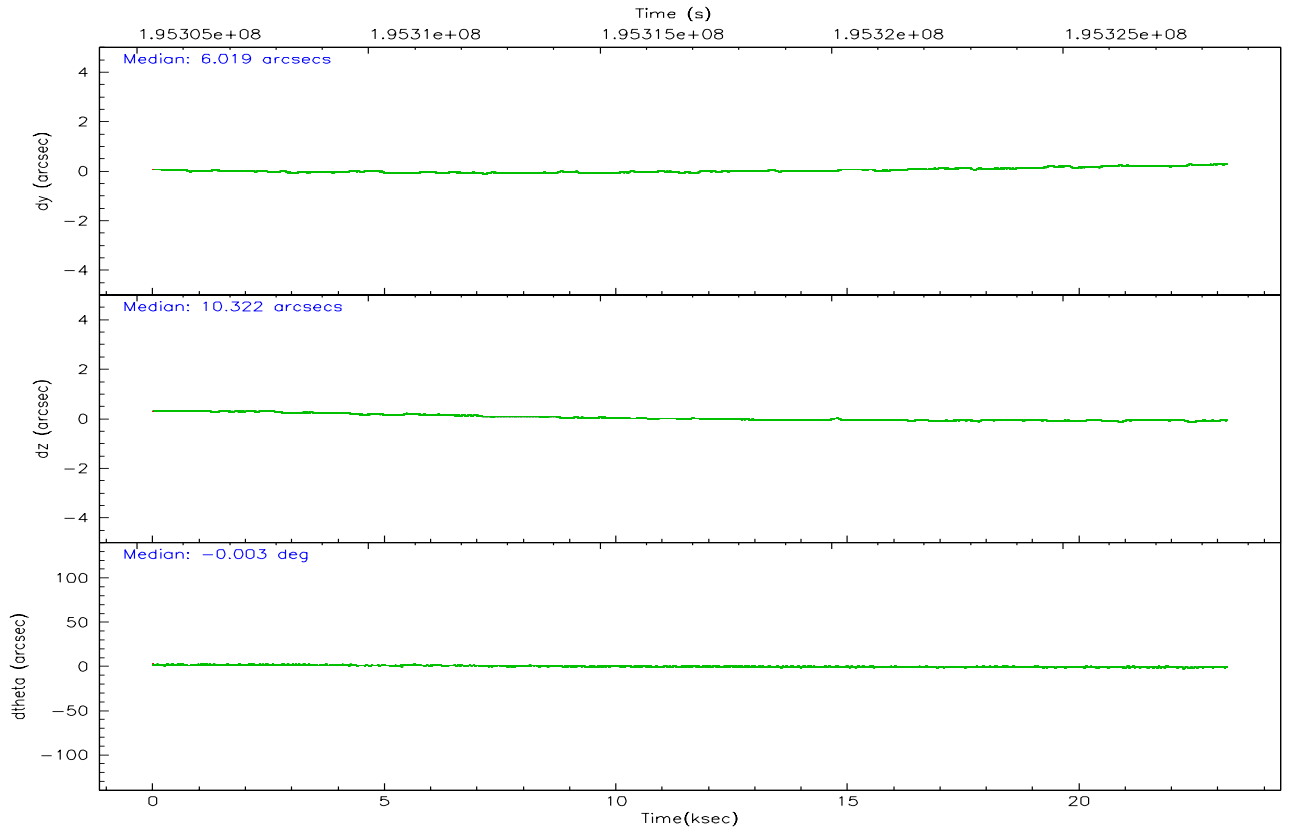
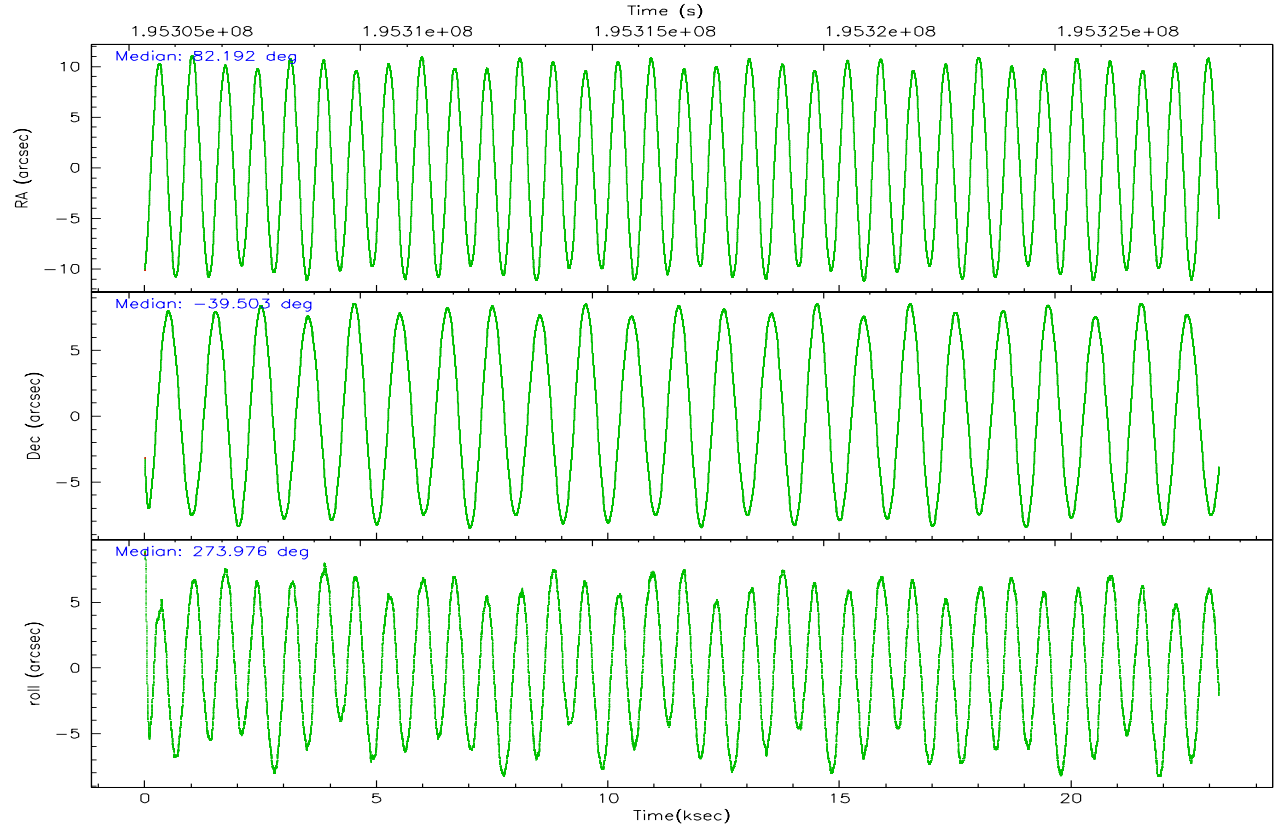
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	13823	15842	13091	28770	14919
	10%	11%	9%	18%	10%
grade 1 events	107	101	118	552	94
	0%	0%	0%	0%	0%
grade 2 events	4524	4983	4255	6108	4432
	3%	3%	2%	3%	3%
grade 3 events	2047	2264	1929	2582	2059
	1%	1%	1%	1%	1%
grade 4 events	1891	2076	1998	2521	2014
	1%	1%	1%	1%	1%
grade 5 events	4517	4881	4351	5147	5105
	3%	3%	3%	3%	3%
grade 6 events	3792	4175	3484	4075	4267
	2%	3%	2%	2%	3%
grade 7 events	103944	97883	112870	109979	106610
	77%	74%	79%	68%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	82.172443	82.19240688630686	Alternating exposures requested	N	N
Pointing Dec	-39.479971	-39.5026240157212	Primary exposure time	0.000000	3.1
Pointing Roll	273.759374	273.9807648475708			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	195305910.184000	195304758.42271			
Observation start date	2004-03-10T11:37:26	2004-03-10T11:19:18			
Observation end time	195328546.184000	195328860.27376			
Observation end date	2004-03-10T17:54:42	2004-03-10T18:01:00			
Read mode	TIMED	TIMED			

2.3 Aspect



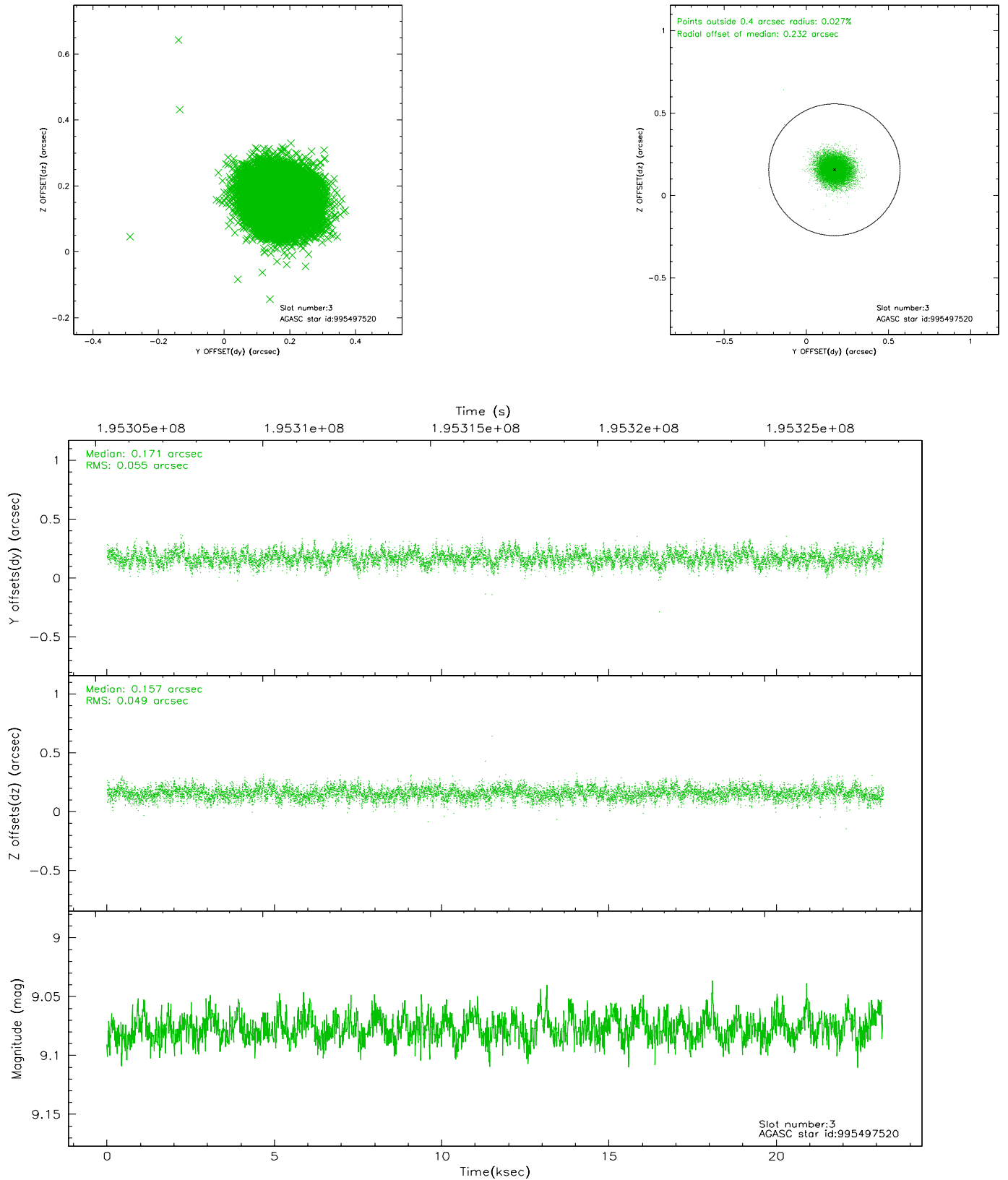


Slot Statistics

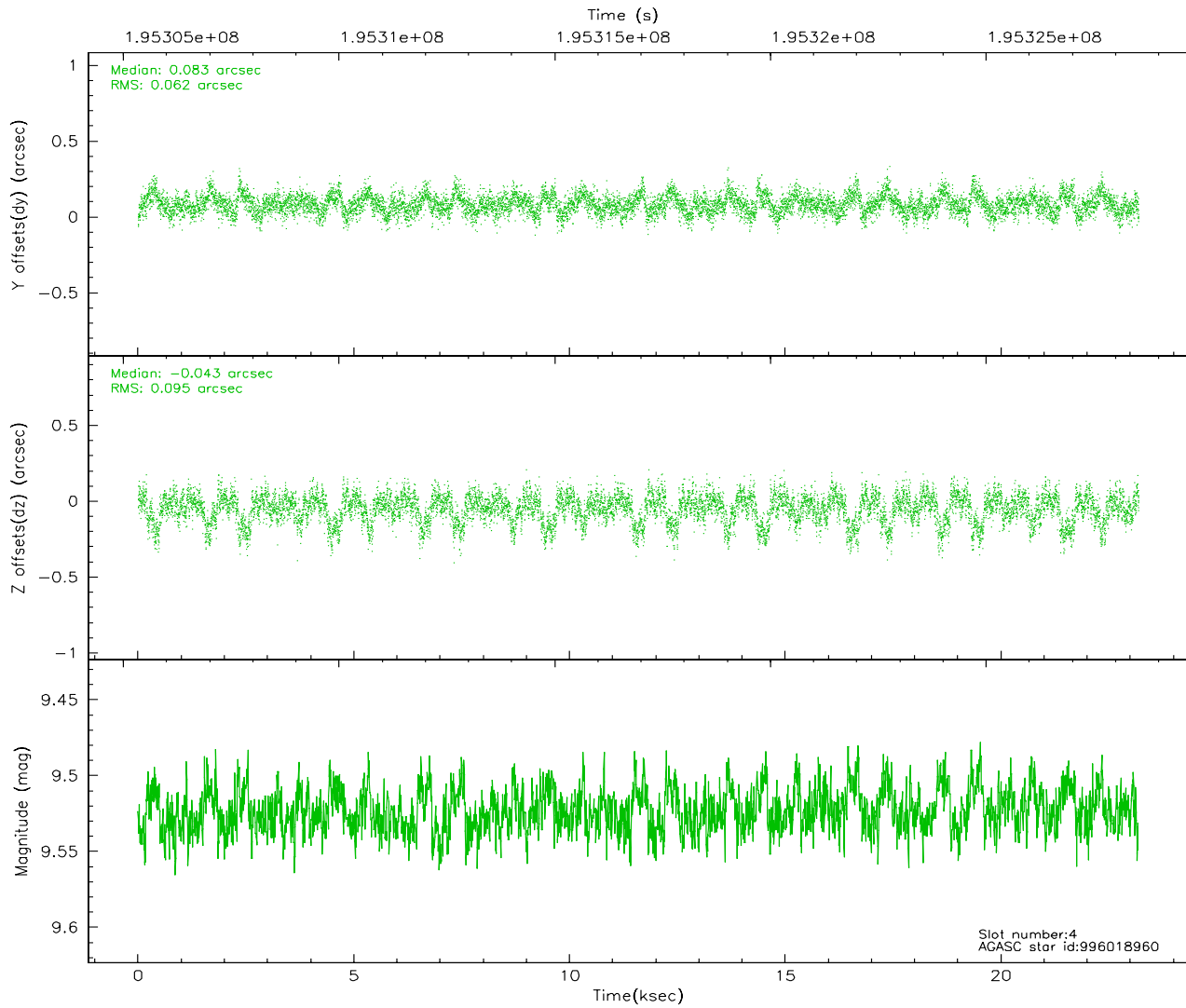
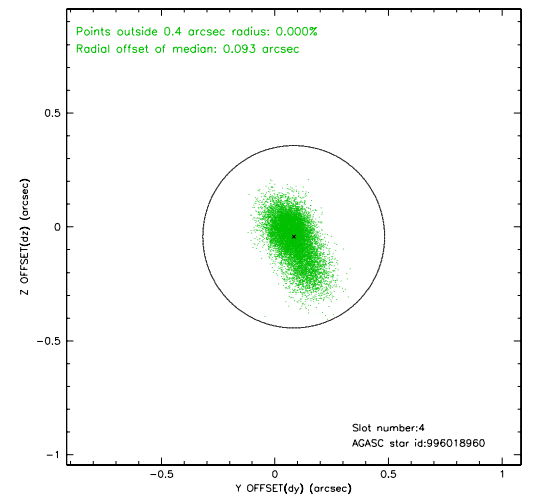
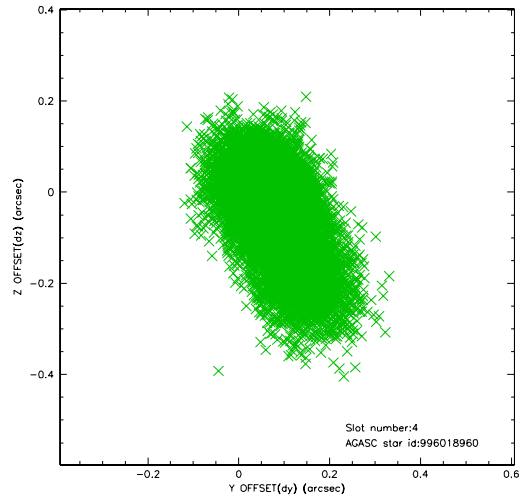
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5656	0.018	0.006	0.006	0.011	0.000000	0.000000	933.68	-833.84
1	FID	ACIS-I-5	7.23	5655	-0.056	0.068	0.010	0.017	0.000000	0.000000	-1814.45	1063.61
2	FID	ACIS-I-6	7.24	5656	-0.053	-0.004	0.010	0.016	0.000000	0.000000	398.97	1708.23
3	GUIDE	995497520	9.08	11305	0.171	0.157	0.078	0.125	82.116967	-39.370982	-401.23	-127.55
4	GUIDE	996018960	9.52	11299	0.083	-0.043	0.113	0.211	81.511270	-39.679524	603.85	-1875.18
5	GUIDE	996147256	9.34	11311	0.126	0.050	0.097	0.155	82.511157	-39.766031	1090.97	867.98
6	GUIDE	995632472	9.29	11307	-0.125	0.040	0.109	0.175	82.864391	-38.800374	-2306.55	2097.18
7	GUIDE	995499784	8.78	11308	-0.256	-0.187	0.081	0.132	81.259517	-38.875649	-2325.83	-2411.38

2.4 Star Slots

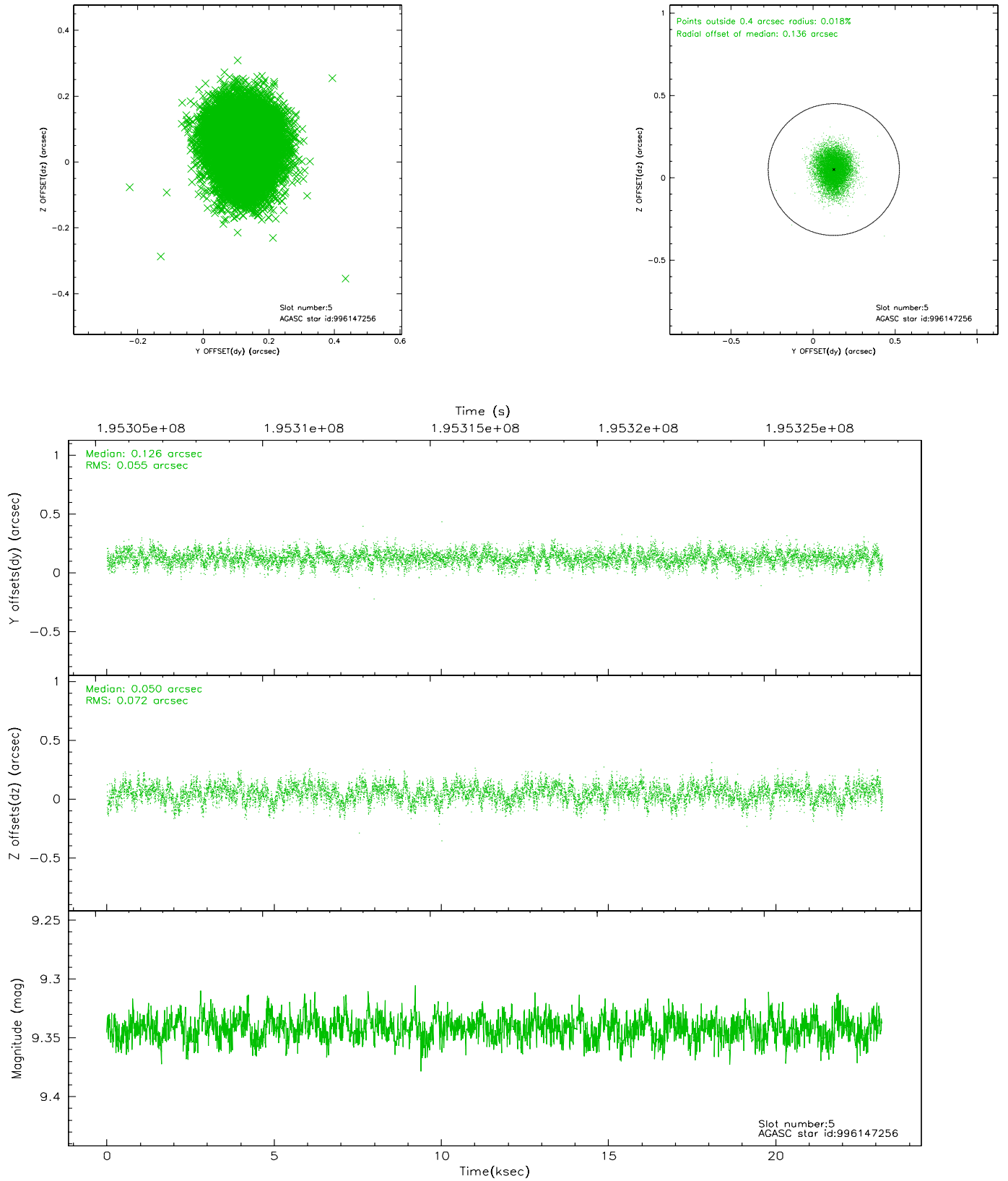
2.4.1 Slot 3



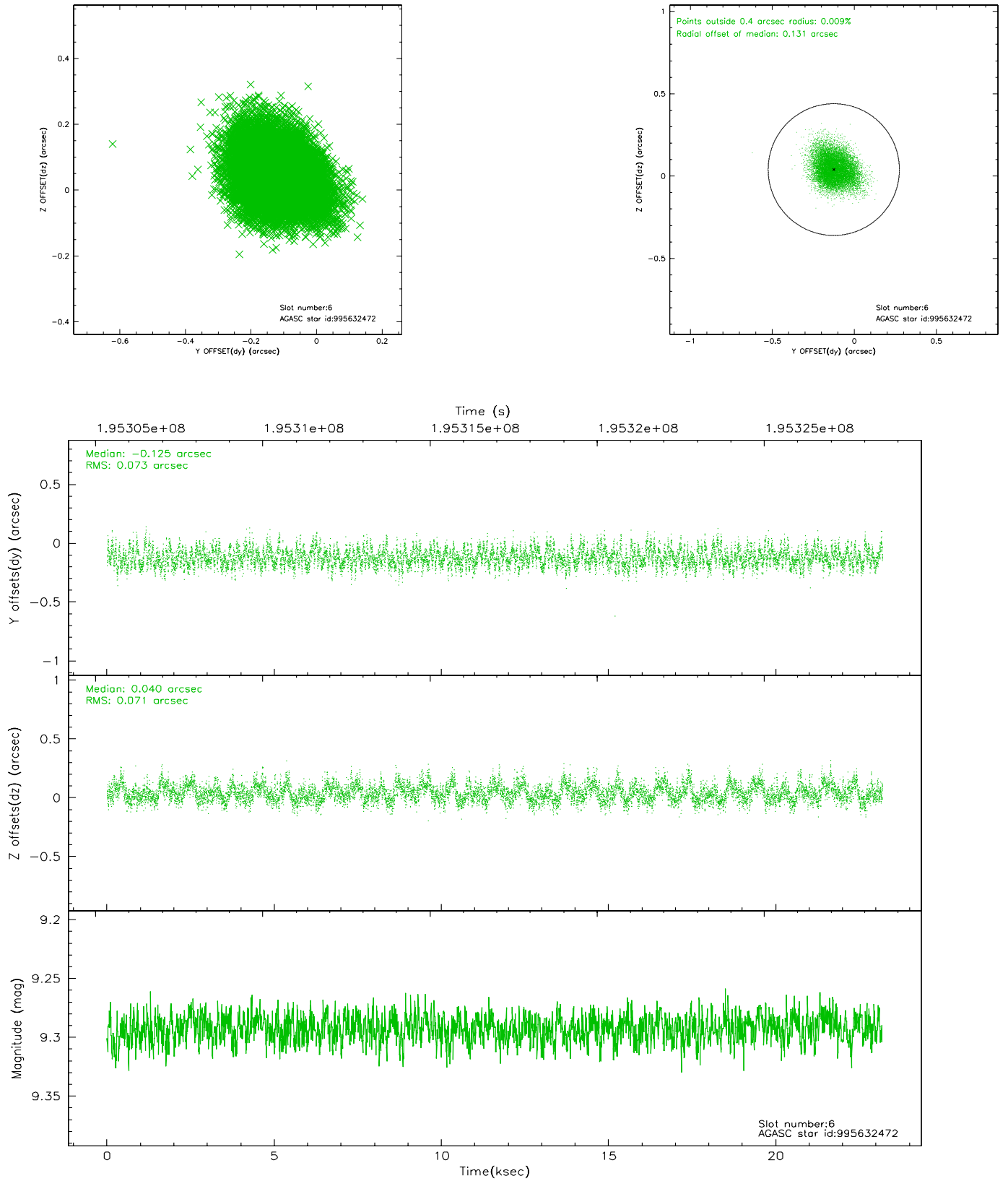
2.4.2 Slot 4



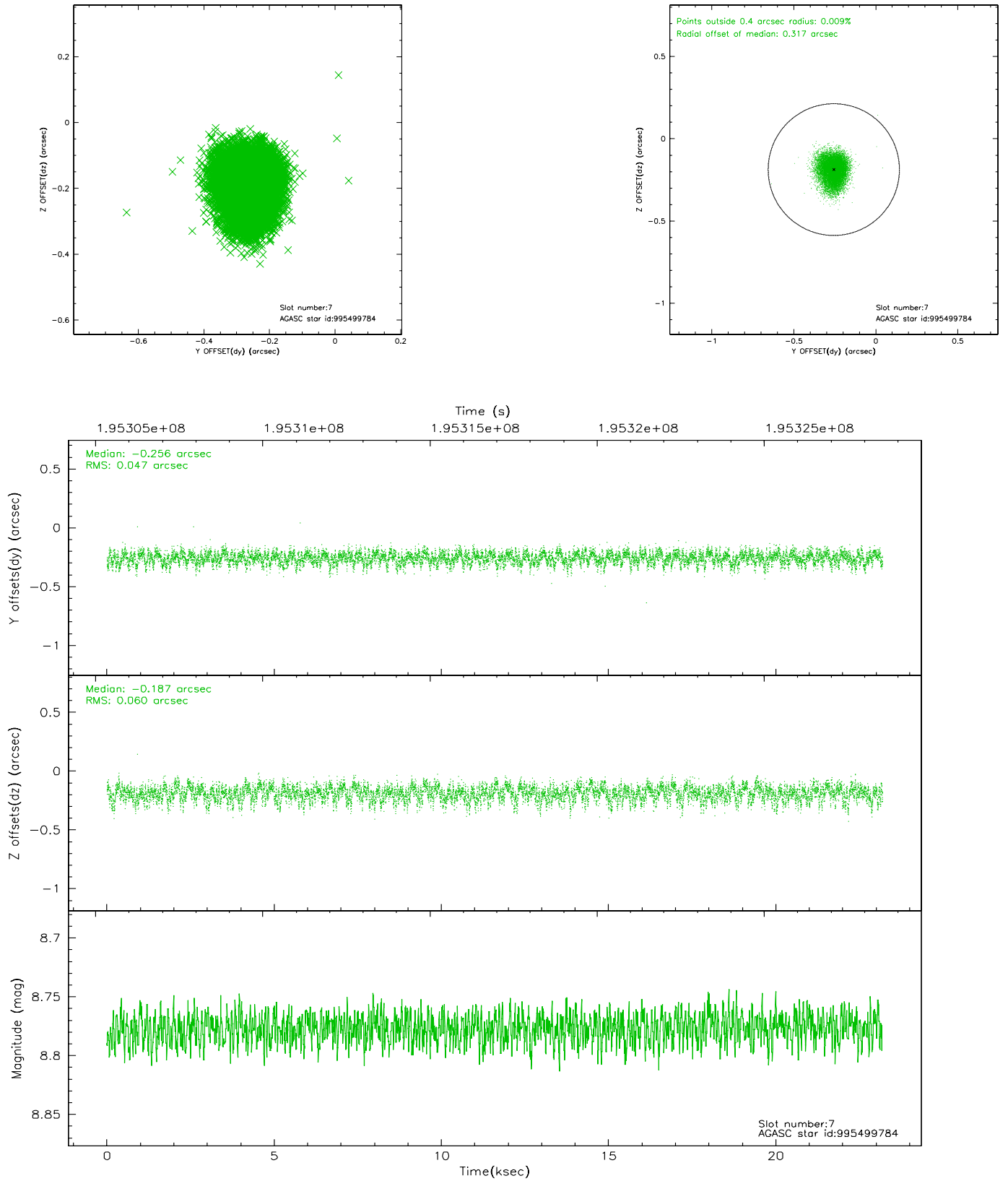
2.4.3 Slot 5



2.4.4 Slot 6

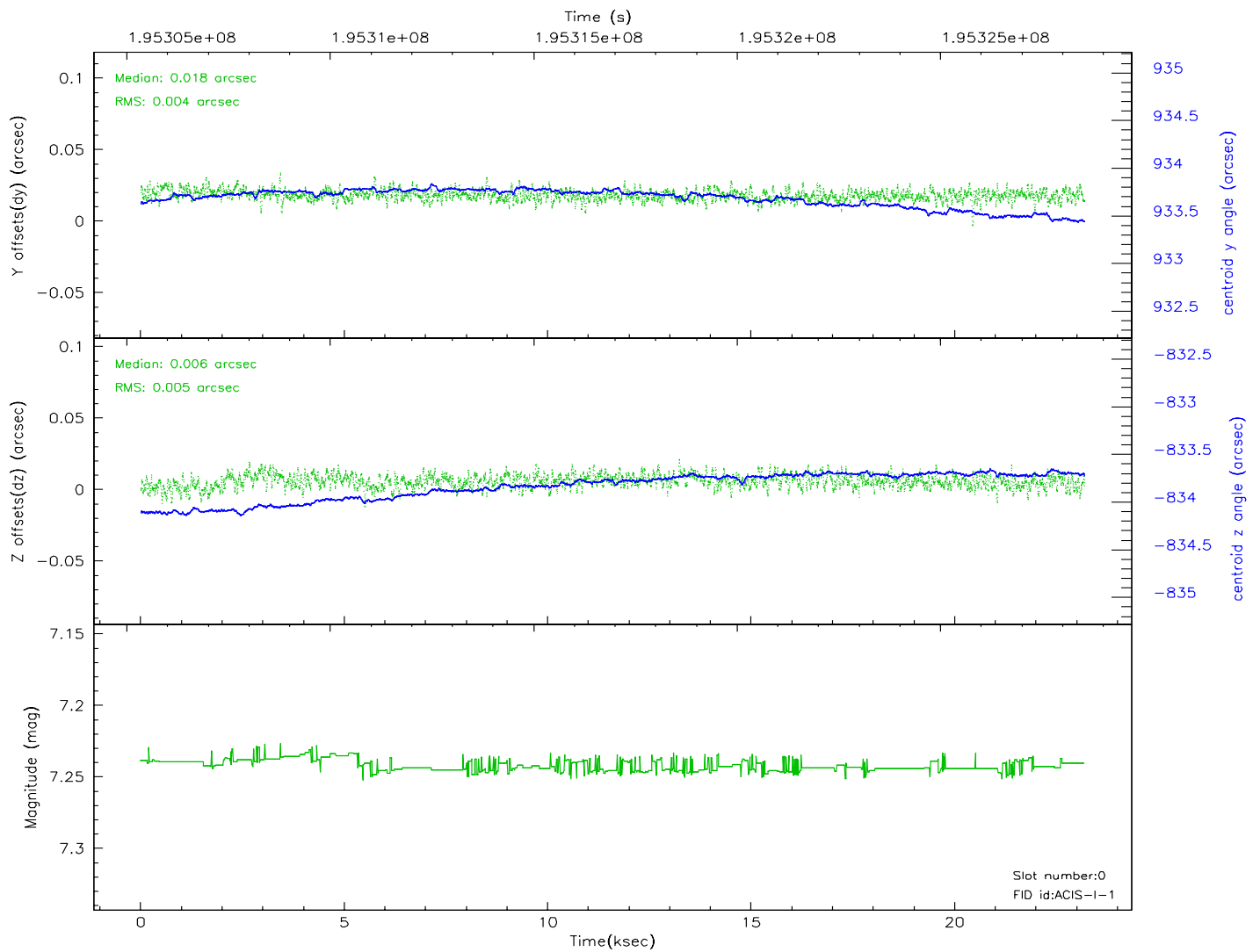
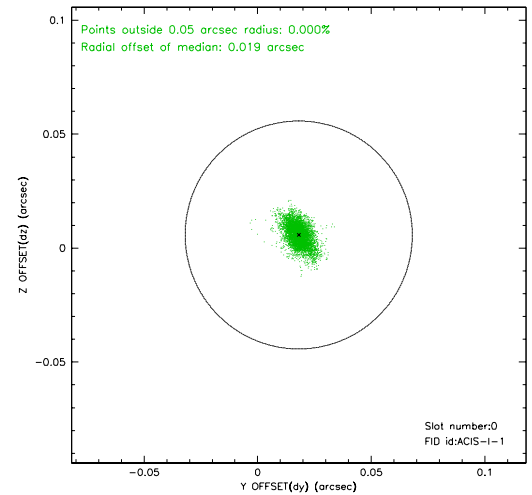
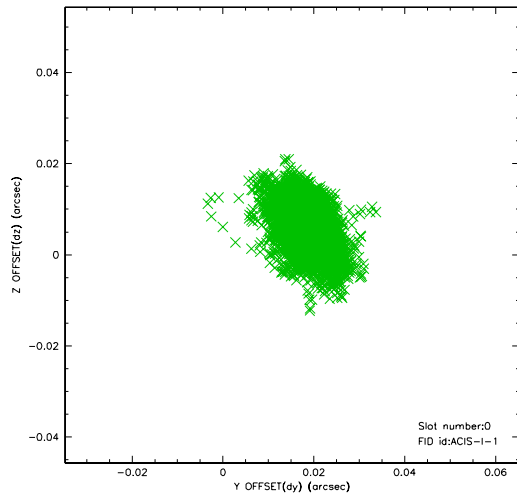


2.4.5 Slot 7

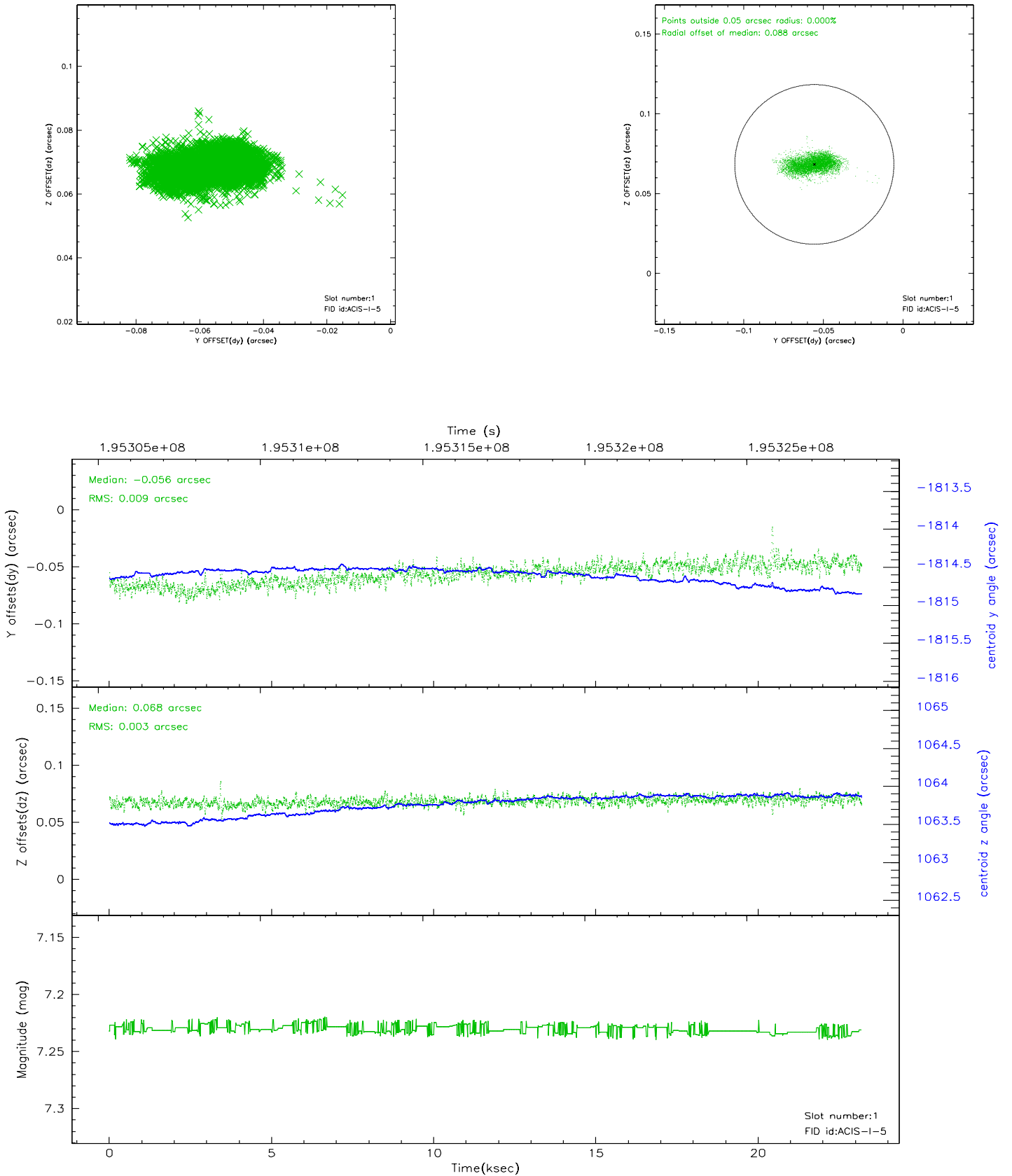


2.5 FID Slots

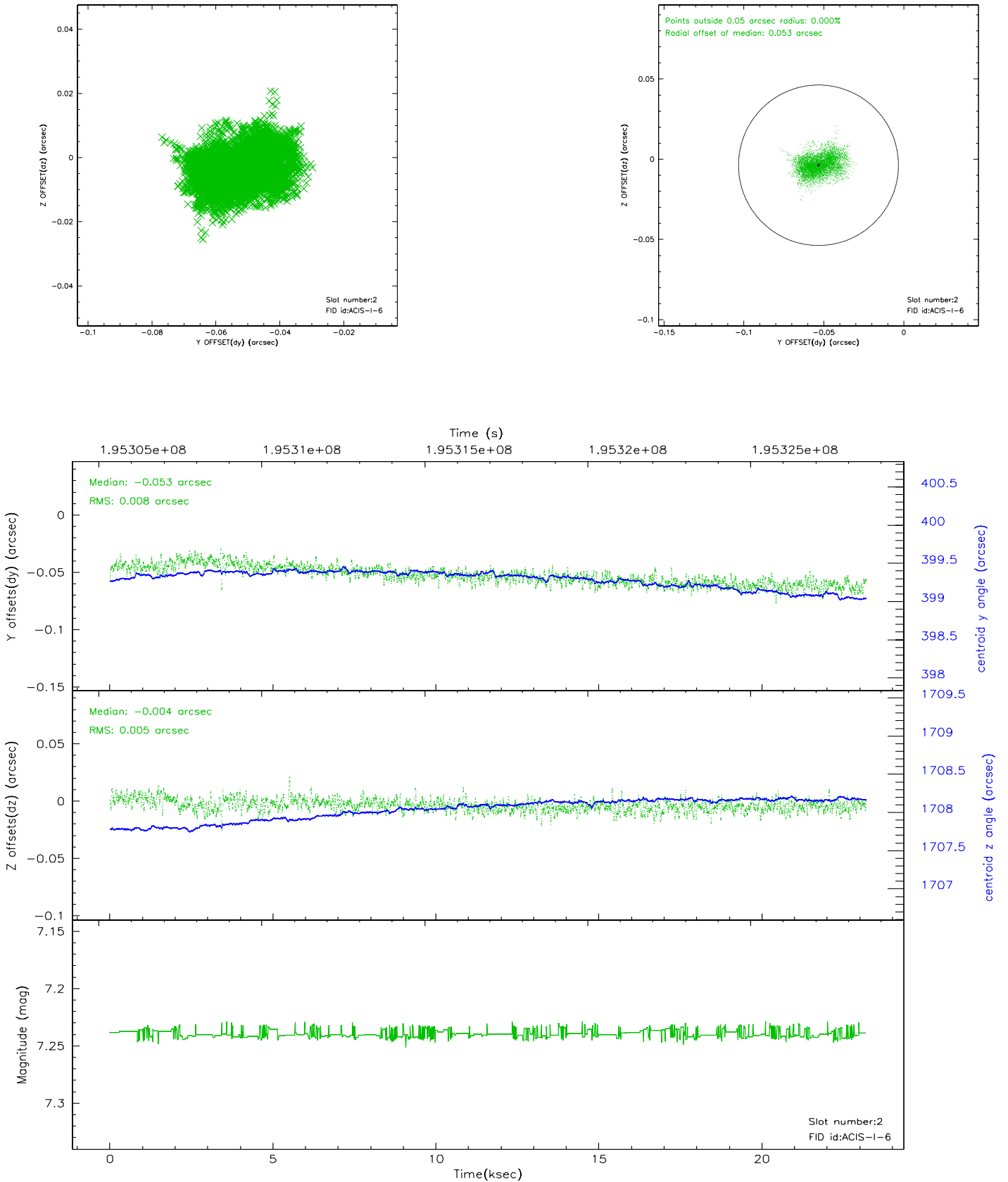
2.5.1 Slot 0



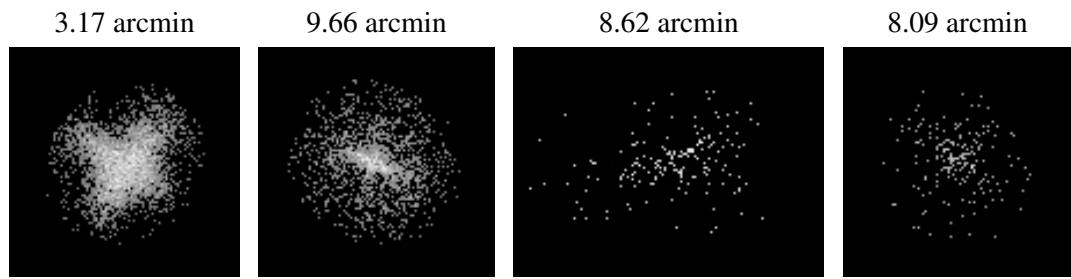
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.75

A.2 Comments