

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2951 - L2 Version 001
Chandra X-Ray Center

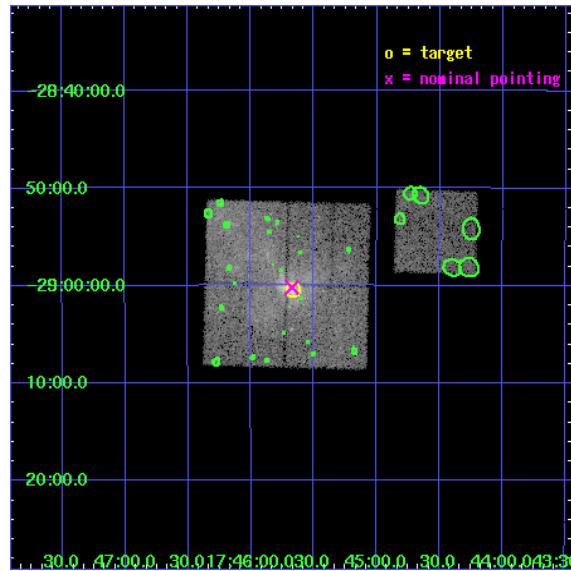
L2 Processing Date : Sep 2 2006

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1 Front

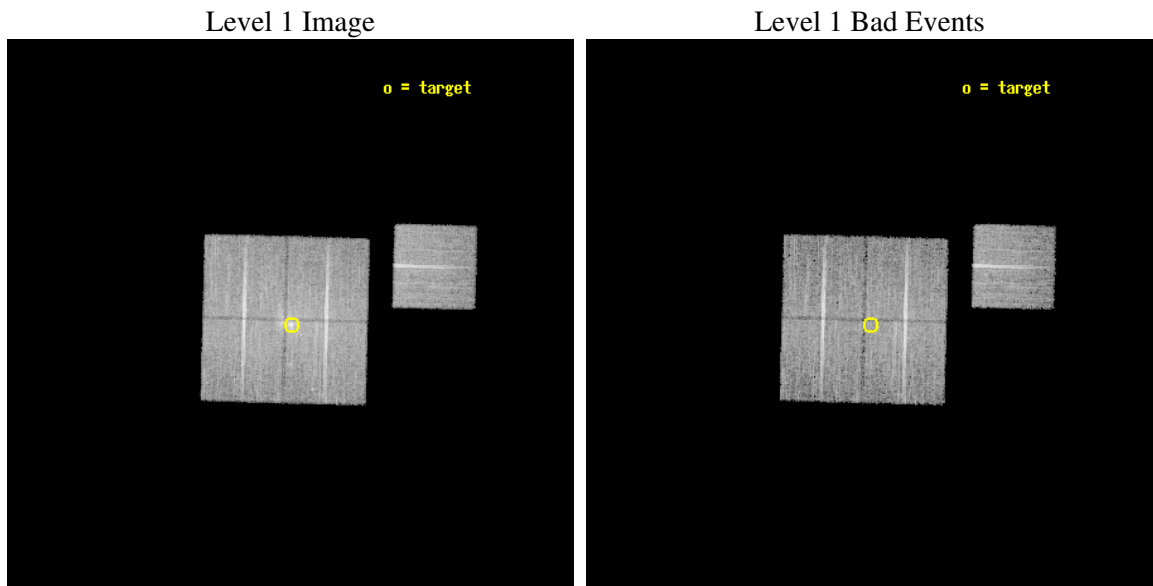
seq_num	600288
obs_id	2951
title	SIMULTANEOUS X-RAY/RADIO MONITORING OF SAGITTARIUS A*
observer	Professor Gordon Garmire
object	SGR A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41861759968
dec_nom	-29.003445753461
roll_nom	91.495134656953
revision	2
ontime	12533.299975902
livetime	12369.543184835
ontime0	12533.299975902
ontime1	12533.299975902
ontime2	12530.159015656
ontime3	12533.299975902
ontime6	12533.299975902
l2events	93619



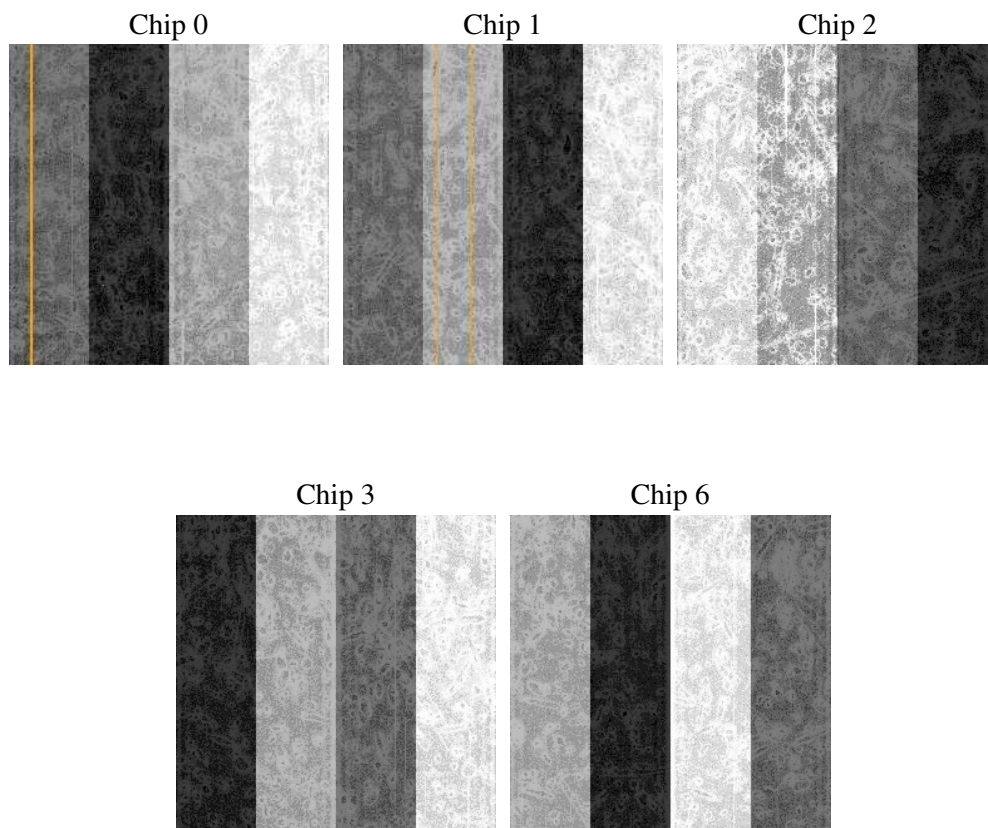
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-02T13:31:54
revision	2

sched_exp_time	12400.000000
ontime	12765.017535791
ontime0	12768.158555865
ontime1	12765.017565697
ontime2	12761.876575544
ontime3	12765.017535791
ontime6	12768.158555865
l1events	478397

2.1.4 Events

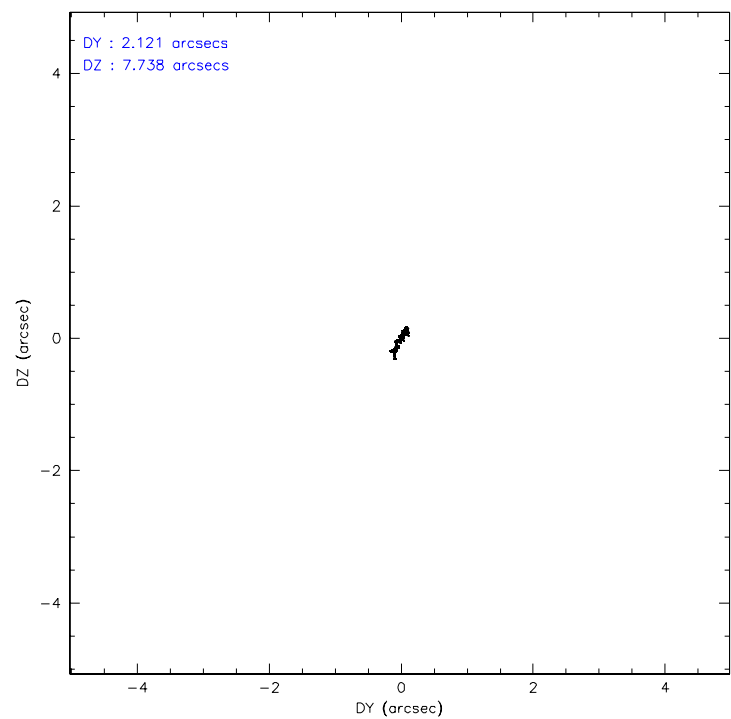
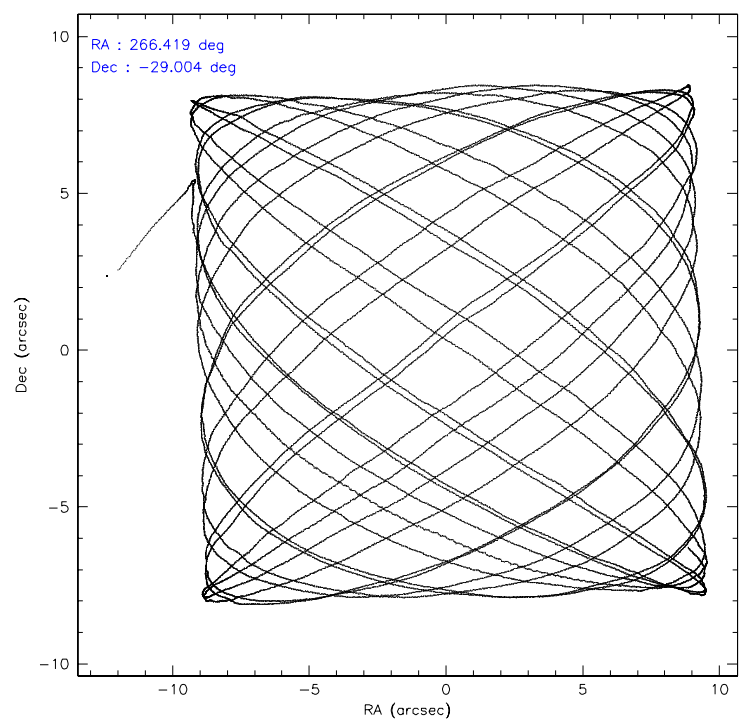
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	97865	94640	94447	102523	88922
rejected events	69994	72971	75454	79301	76942
rejected %	71%	77%	79%	77%	86%

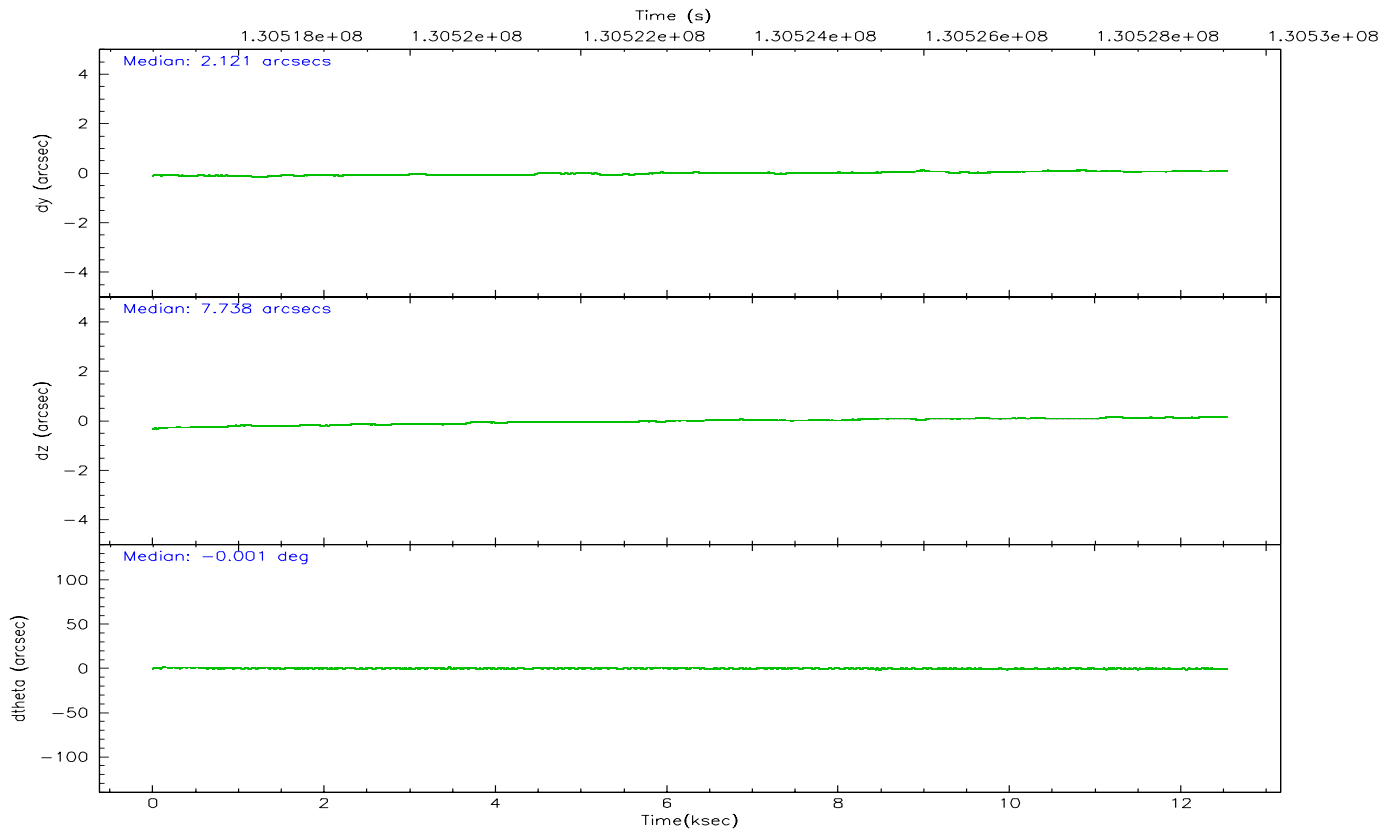
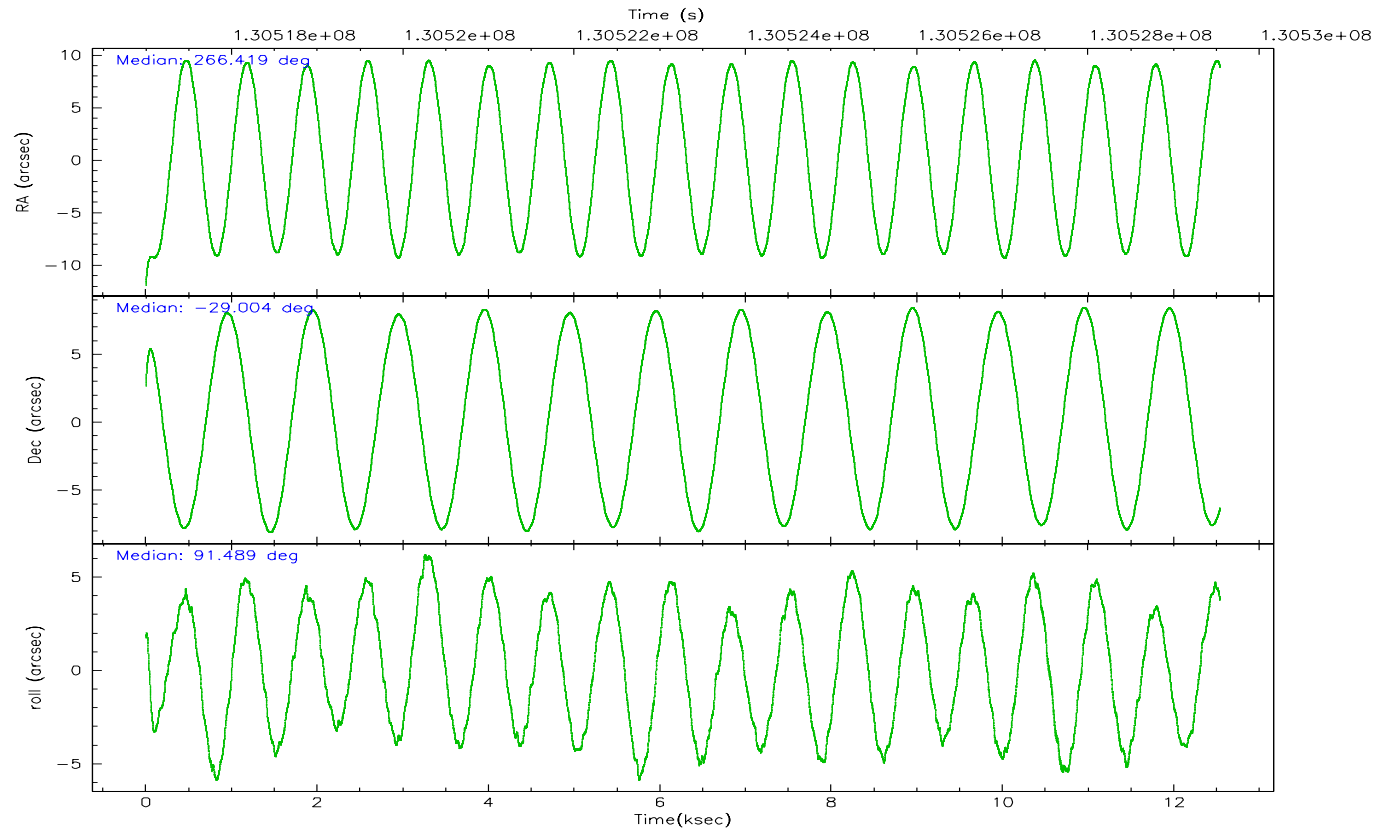
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	17006	12384	10686	13659	5555
	17%	13%	11%	13%	6%
grade 1 events	113	104	77	106	62
	0%	0%	0%	0%	0%
grade 2 events	4670	3794	3405	3914	2340
	4%	4%	3%	3%	2%
grade 3 events	1883	1600	1348	1650	1118
	1%	1%	1%	1%	1%
grade 4 events	1682	1570	1390	1533	1015
	1%	1%	1%	1%	1%
grade 5 events	3177	3472	3025	3432	3651
	3%	3%	3%	3%	4%
grade 6 events	3127	2798	2491	2846	2199
	3%	2%	2%	2%	2%
grade 7 events	66207	68918	72025	75383	72982
	67%	72%	76%	73%	82%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	266.435072	266.4186175996828	Alternating exposures requested	N	N
Pointing Dec	-29.026754	-29.00344575346094	Primary exposure time	0.000000	3.1
Pointing Roll	91.294423	91.49513465695252			
Window start time	130516984.184000	130516984.184000			
Window stop time	130529584.184000	130529584.184000			
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	130517142.184000	130516052.42196			
Observation start date	2002-02-19T14:44:38	2002-02-19T14:27:32			
Observation end time	130529542.184000	130530819.59756			
Observation end date	2002-02-19T18:11:18	2002-02-19T18:33:39			
Read mode	TIMED	TIMED			

2.3 Aspect



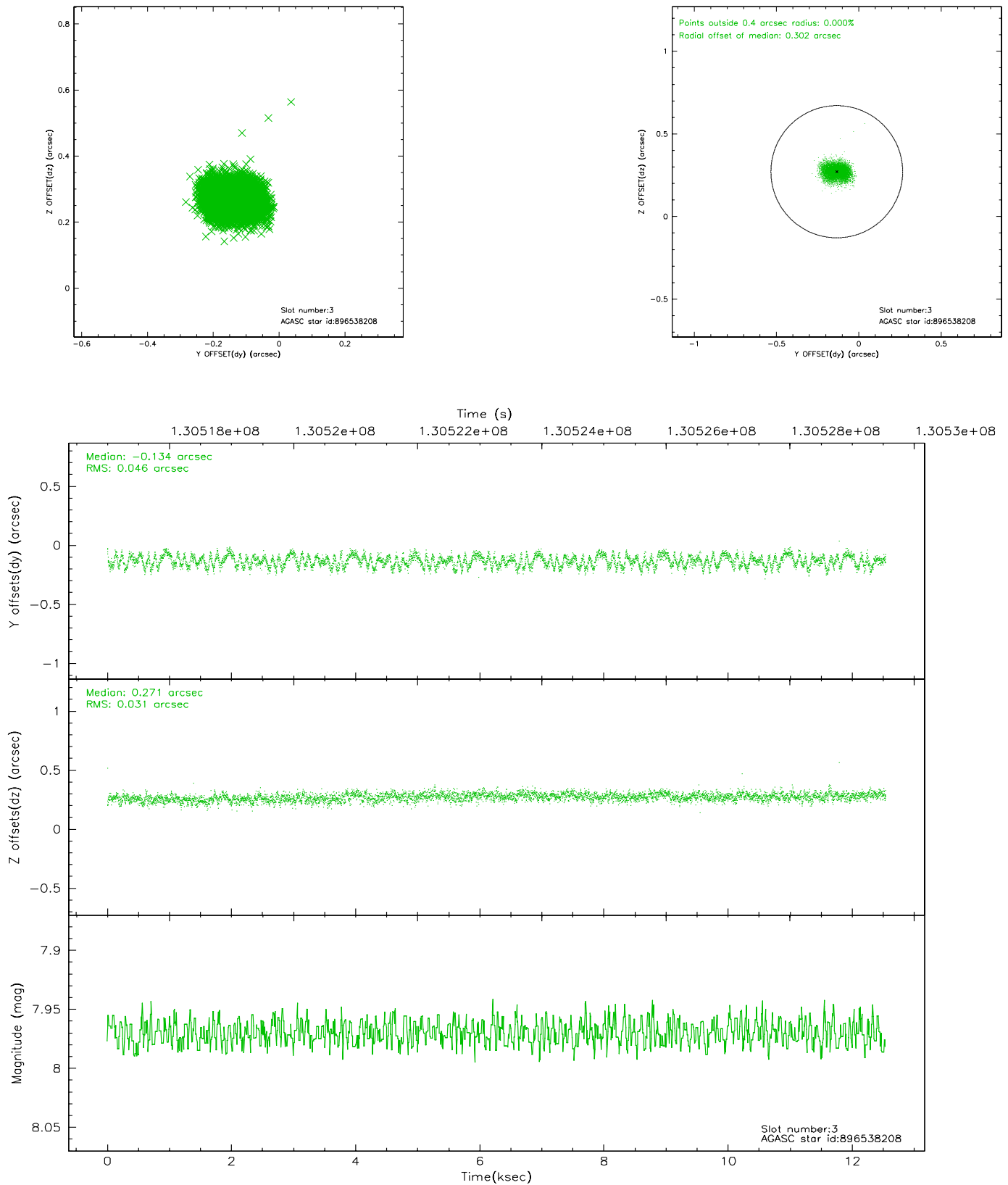


Slot Statistics

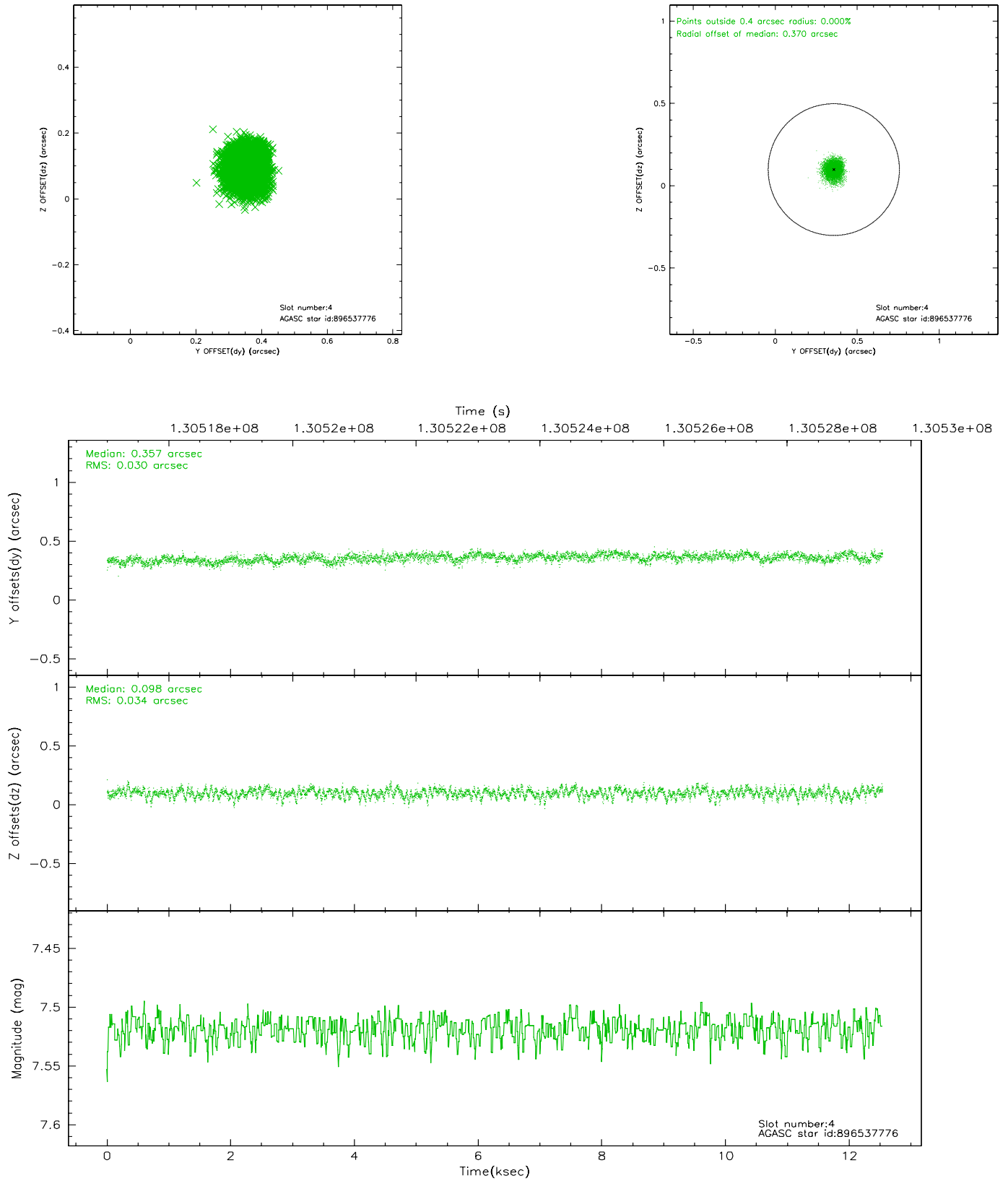
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	3058	-0.049	0.086	0.015	0.030	0.000000	0.000000	937.64	-831.06
1	FID	ACIS-I-5	7.23	3059	0.011	0.031	0.013	0.025	0.000000	0.000000	-1810.16	1066.23
2	FID	ACIS-I-6	7.26	3059	-0.052	-0.045	0.011	0.020	0.000000	0.000000	402.80	1711.06
3	GUIDE	896538208	7.97	6117	-0.134	0.271	0.060	0.093	267.176969	-28.671626	1219.21	-2371.47
4	GUIDE	896537776	7.52	6118	0.357	0.098	0.048	0.079	266.655684	-29.665673	-2313.96	-638.89
5	GUIDE	896540808	7.47	6118	0.090	-0.271	0.049	0.078	265.985401	-29.308604	-984.47	1433.39
6	GUIDE	896535464	9.35	6113	-0.115	0.198	0.095	0.151	266.962550	-28.408631	2184.37	-1719.82
7	GUIDE	896544560	9.03	6116	-0.195	-0.294	0.079	0.130	265.902975	-28.371895	2392.43	1631.25

2.4 Star Slots

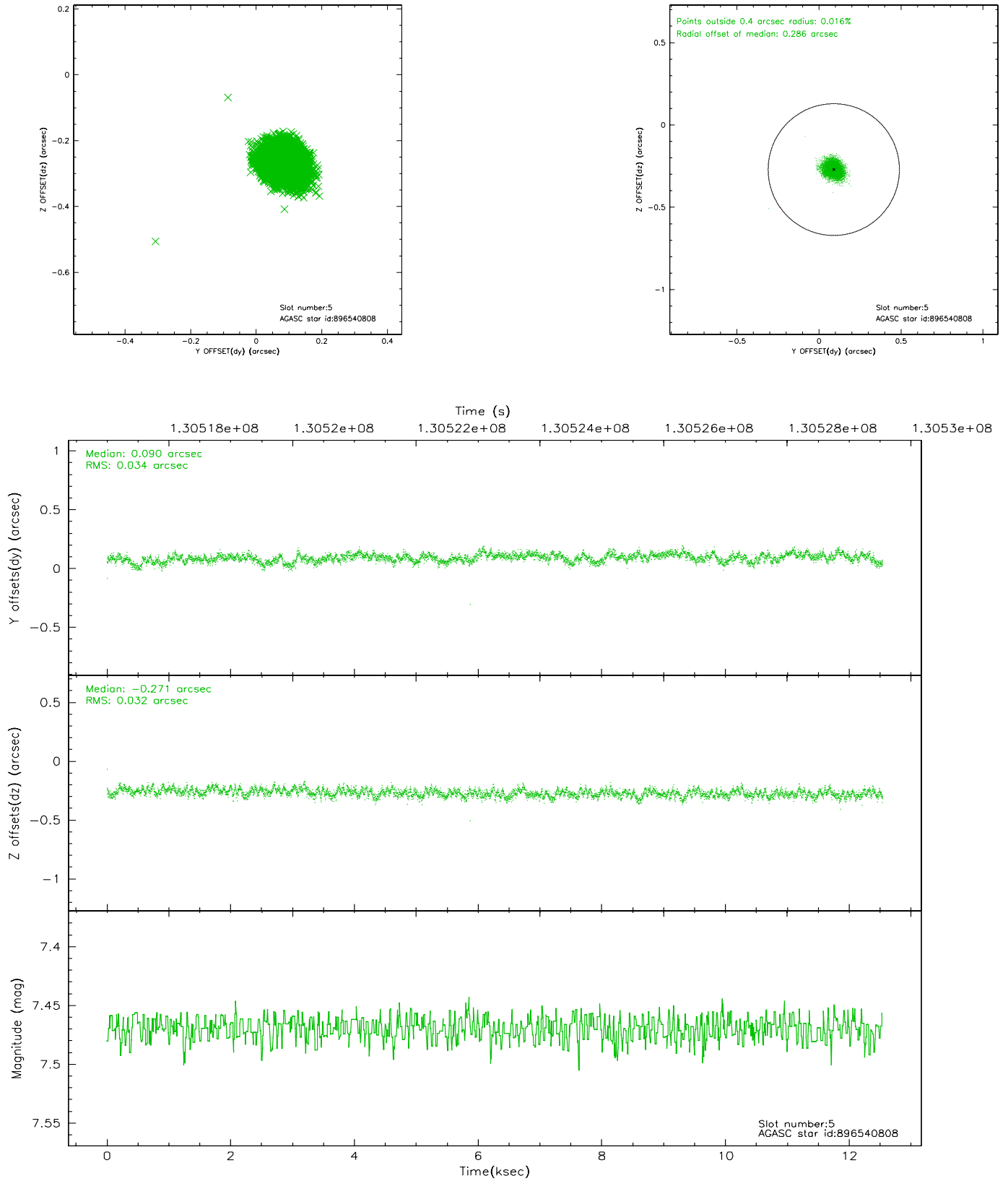
2.4.1 Slot 3



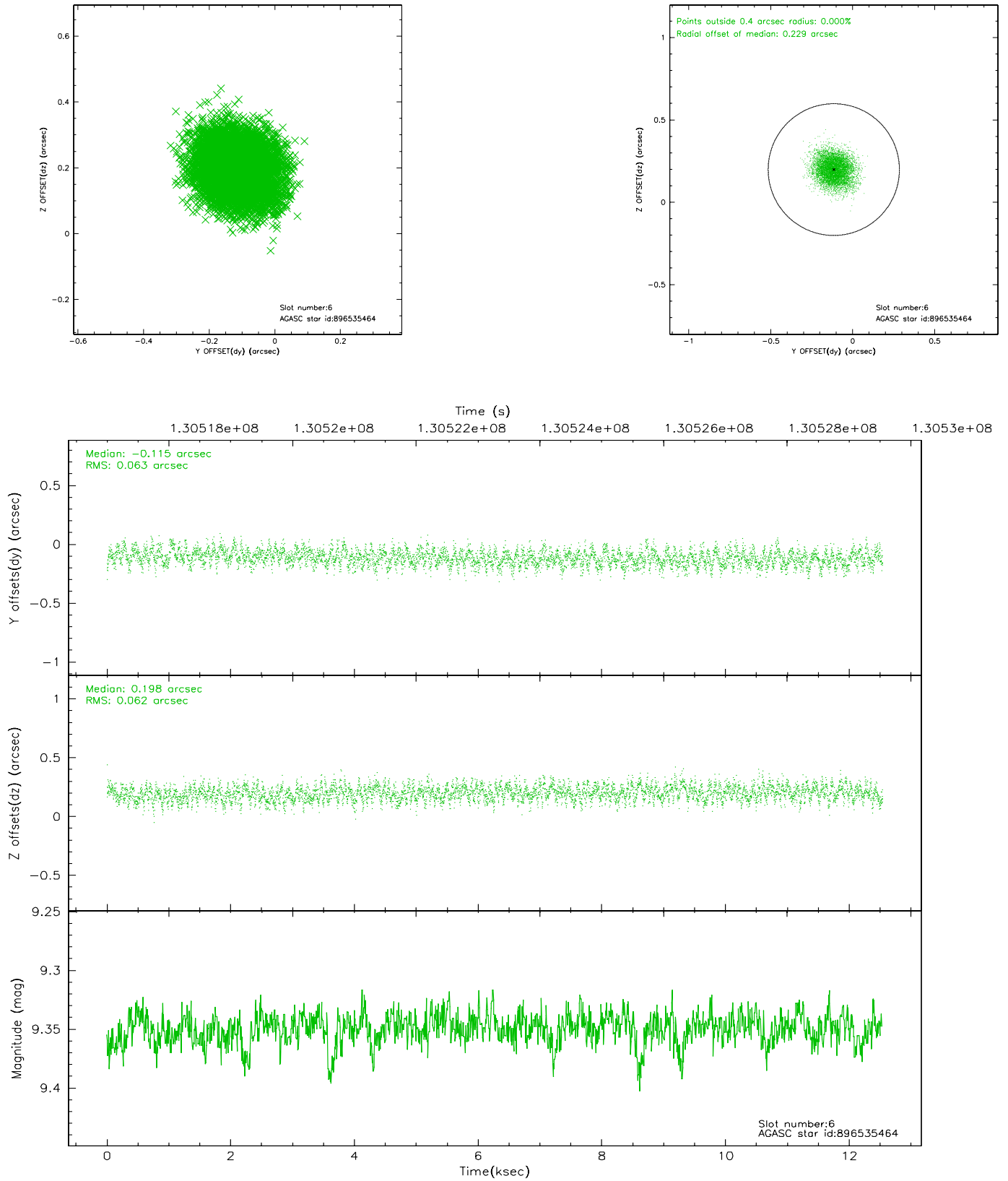
2.4.2 Slot 4



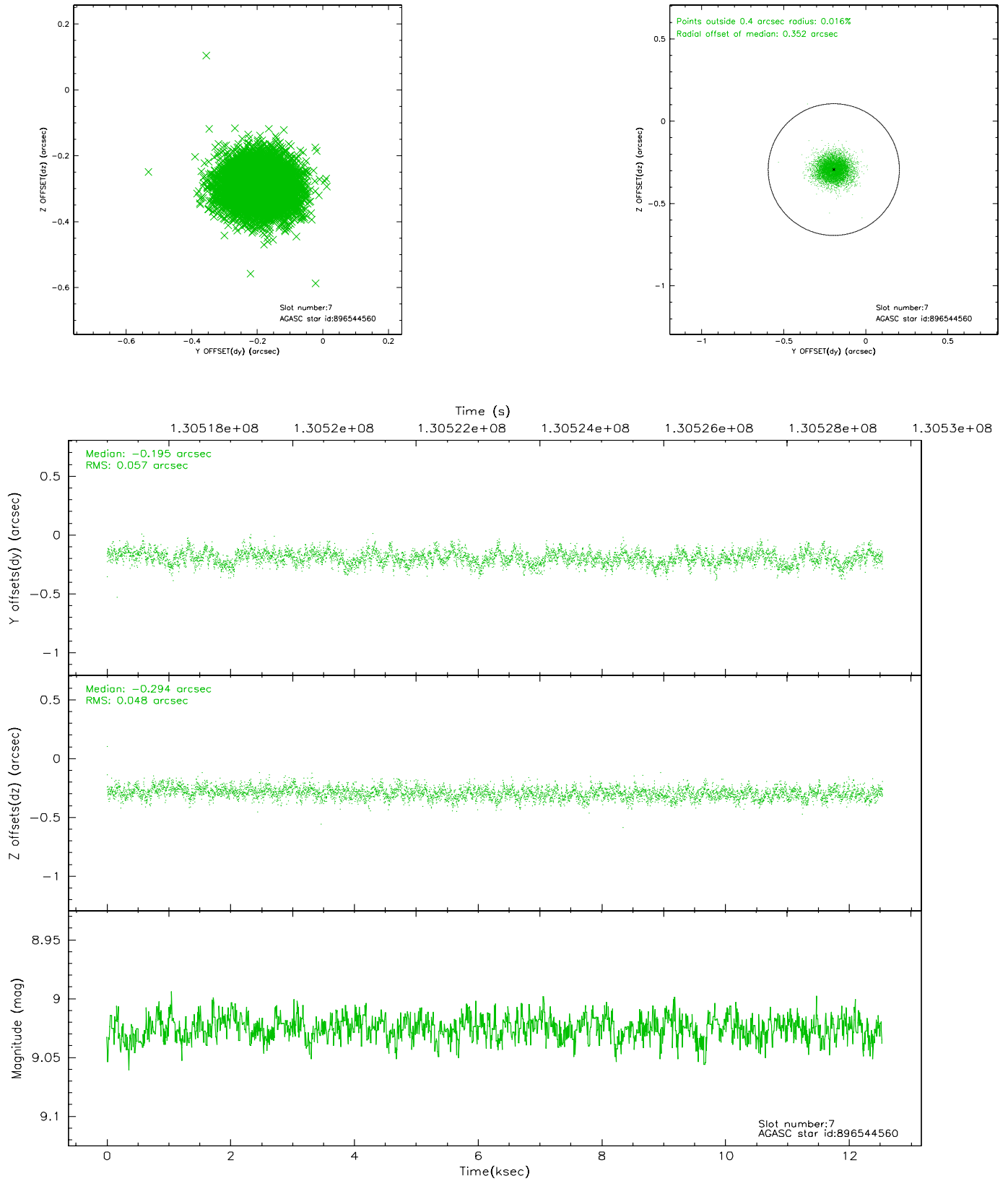
2.4.3 Slot 5



2.4.4 Slot 6

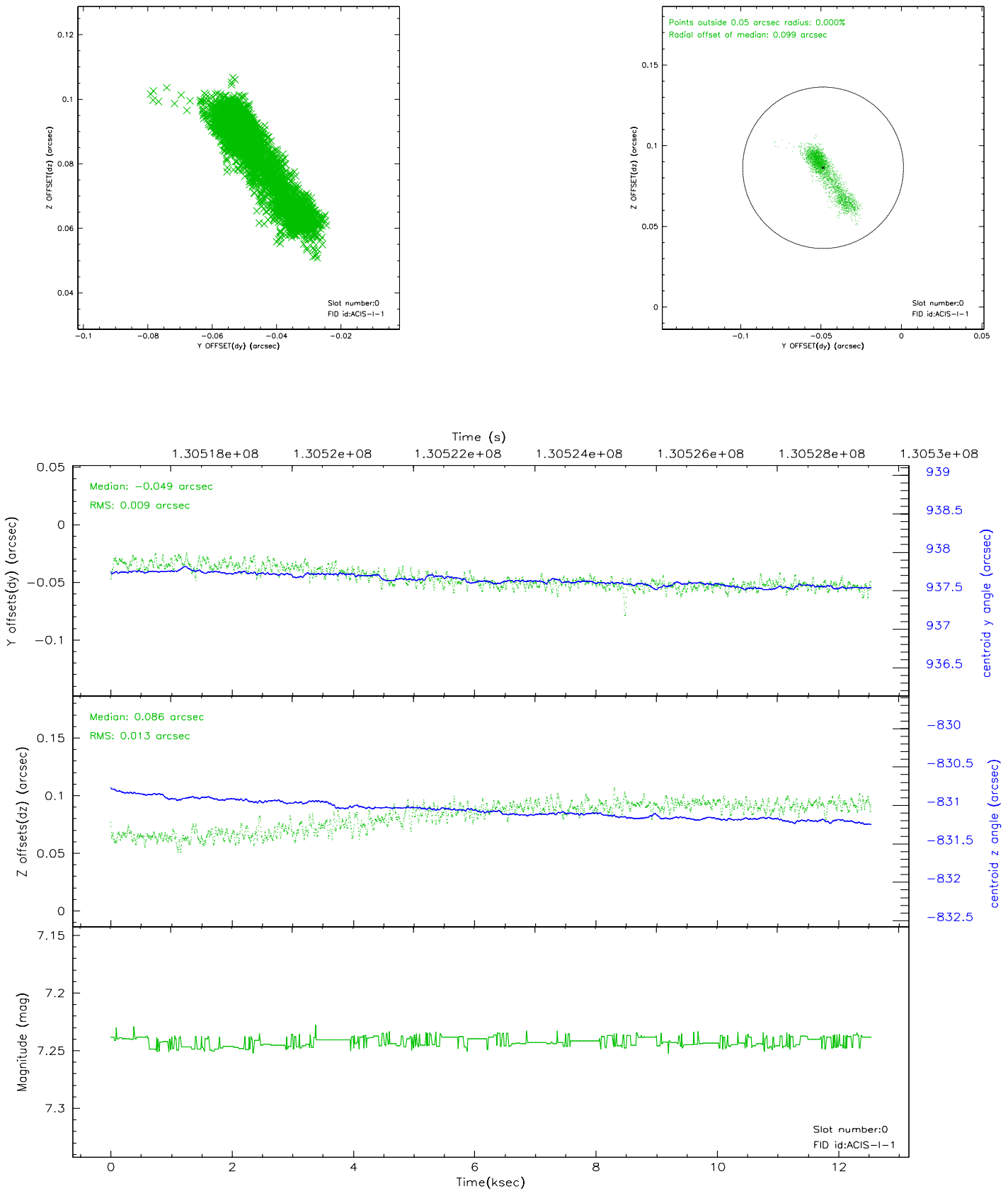


2.4.5 Slot 7

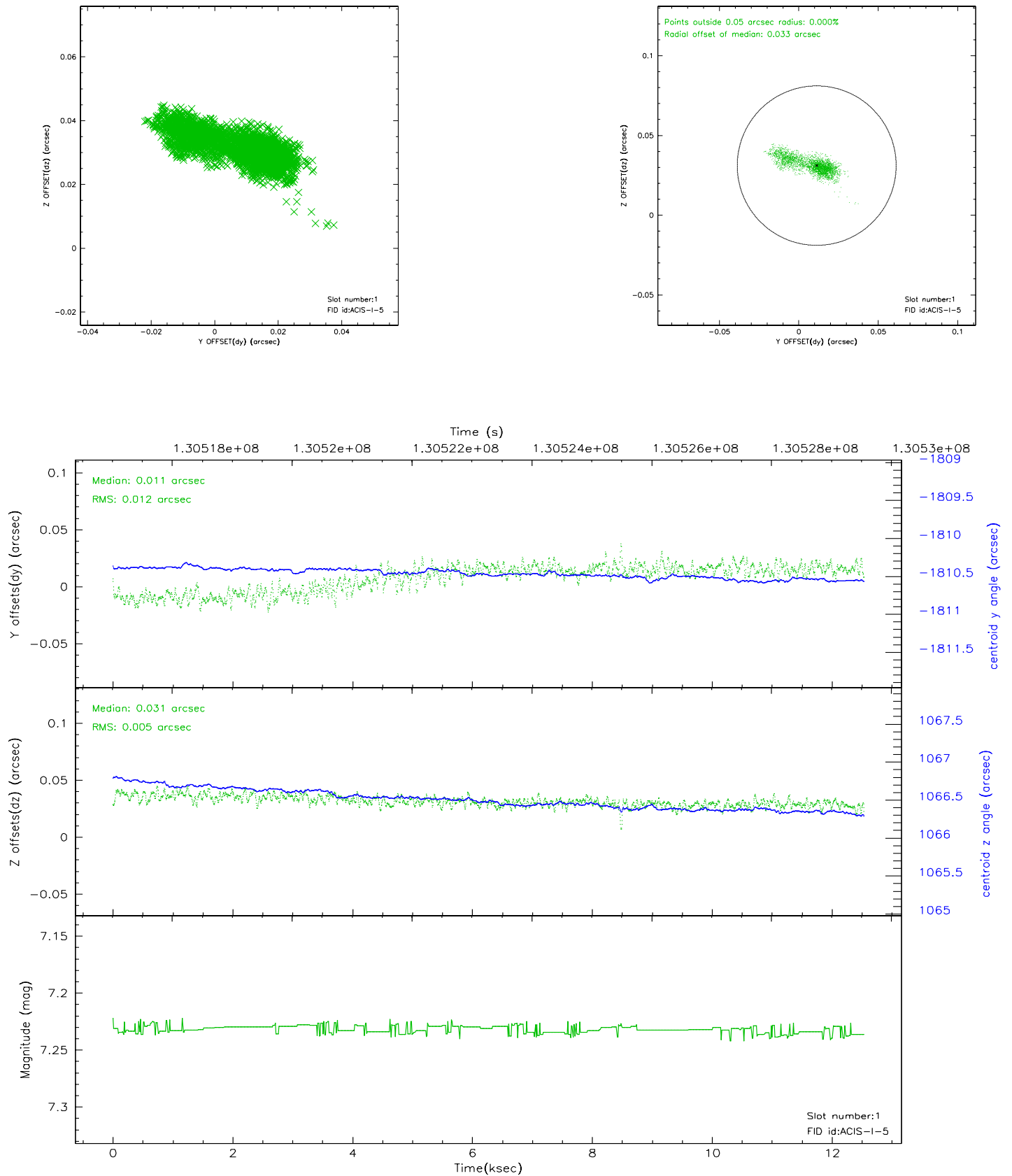


2.5 FID Slots

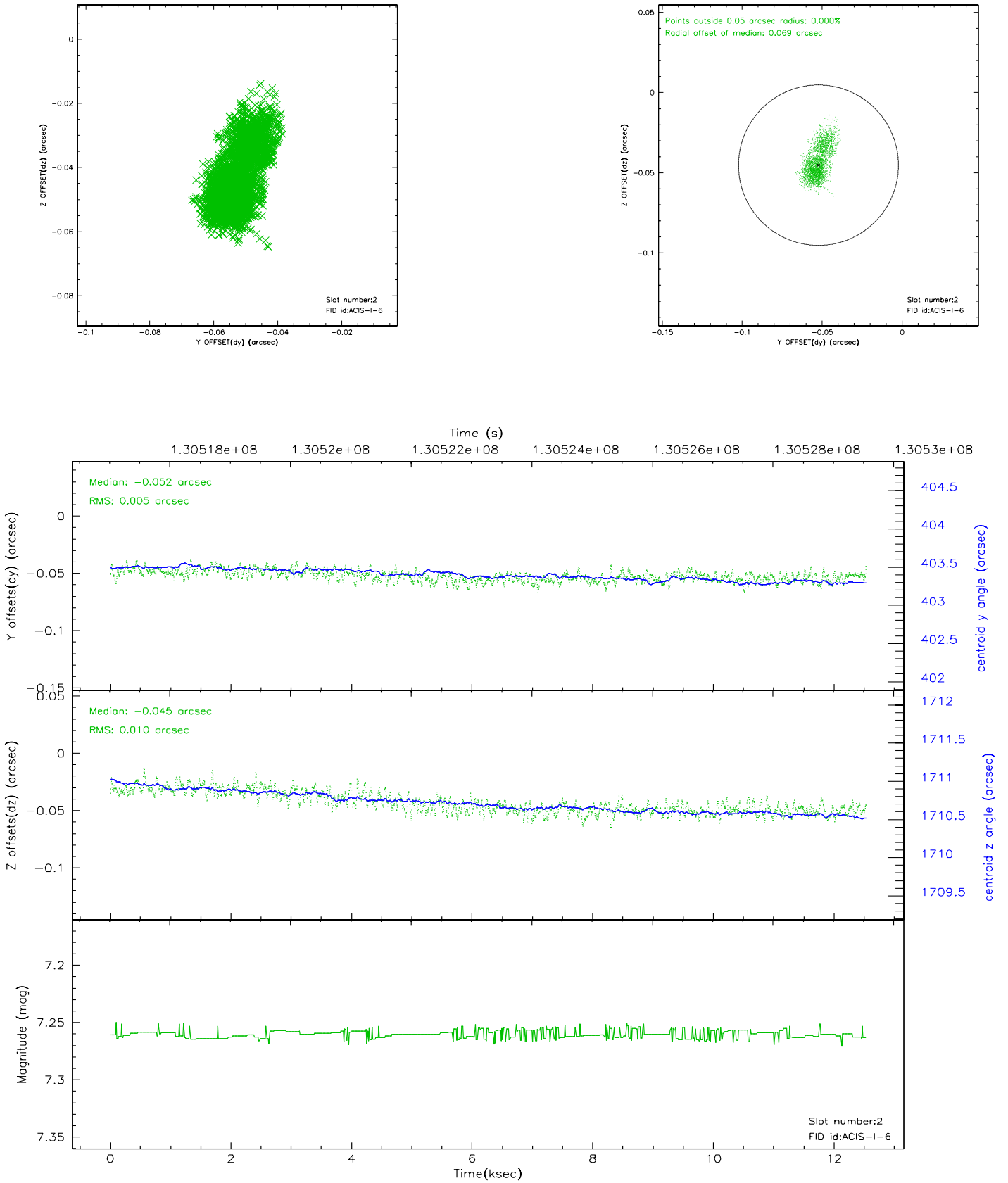
2.5.1 Slot 0



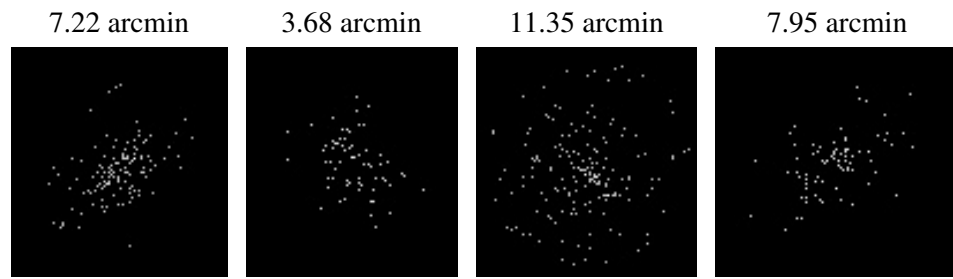
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.533

A.2 Comments

The observation starts 15 minutes before and ends 20 minutes after the window constraint, completely covering the constraint time. Window constraint met.