

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3794 - L2 Version 001
Chandra X-Ray Center

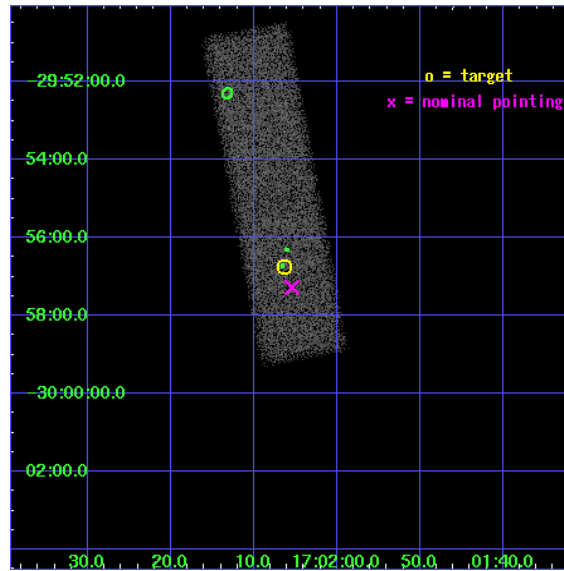
L2 Processing Date : Oct 7 2006

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1 Front

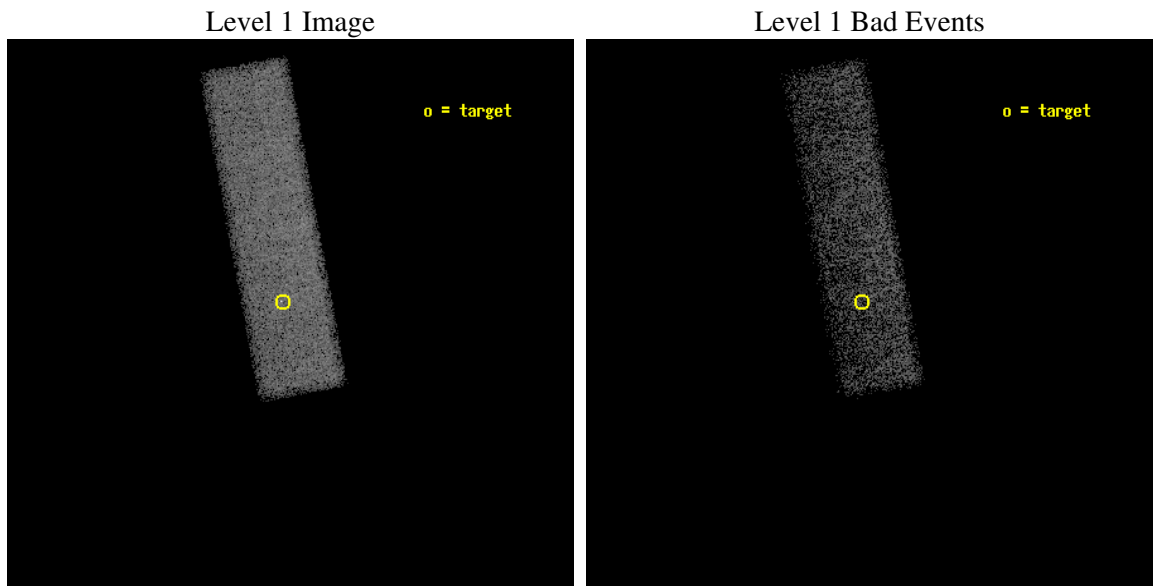
seq_num	400281
obs_id	3794
title	MONITORING TWO QUASI-PERSISTENT X-RAY BINARIES IN QUIESCENCE
observer	Dr. Rudy Wijnands
object	MXB 1659-298
dtcycle	0
cycle	P
ra_targ	255.526667
dec_targ	-29.945639
ra_nom	255.52271633689
dec_nom	-29.954716322168
roll_nom	259.49206974903
revision	2
ontime	28423.159413487
livetime	27036.202238644
ontime7	28423.159413487
l2events	27567



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-07T06:28:54
revision	2

sched_exp_time	28000.000000
ontime	28829.644626051
ontime7	28829.644626051
l1events	66274

2.1.4 Events

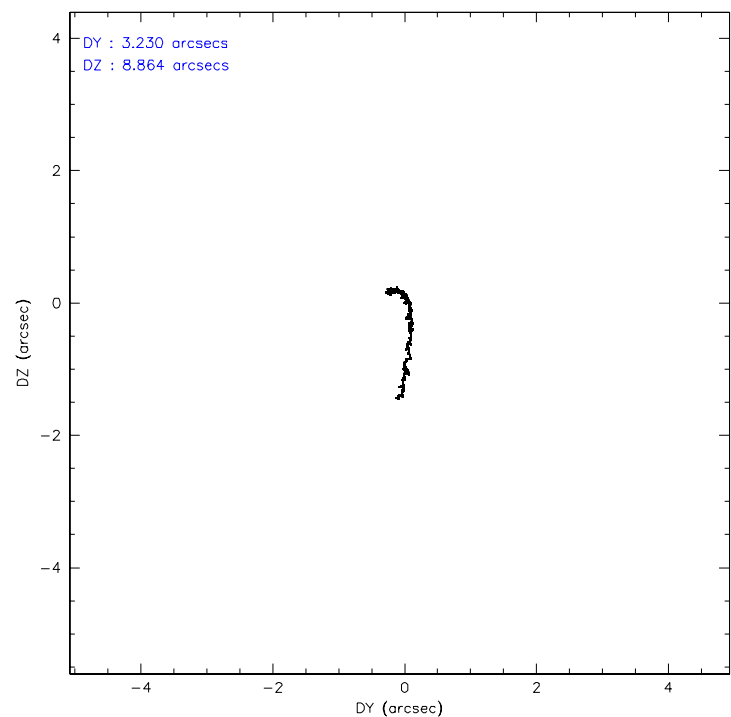
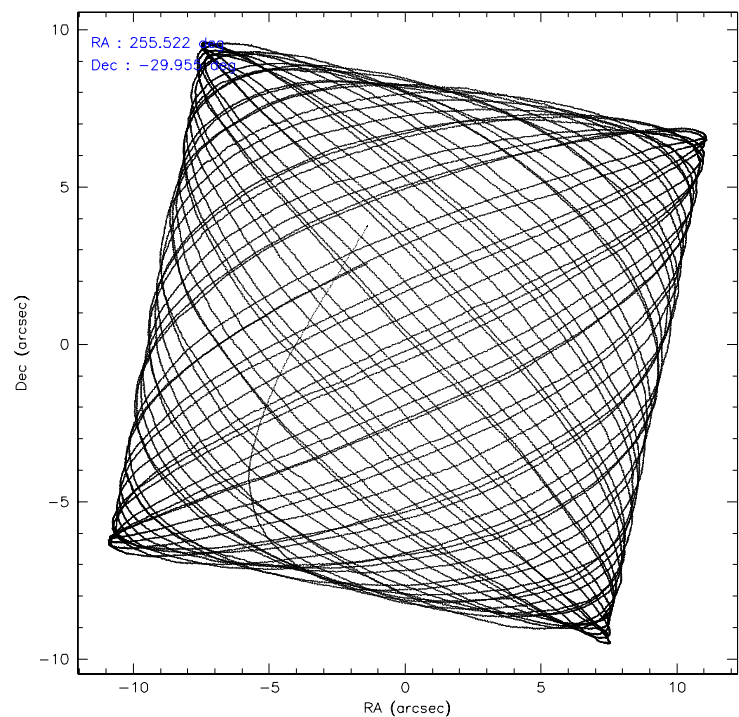
	ccd 7
level 1 events	66274
rejected events	37735
rejected %	56%

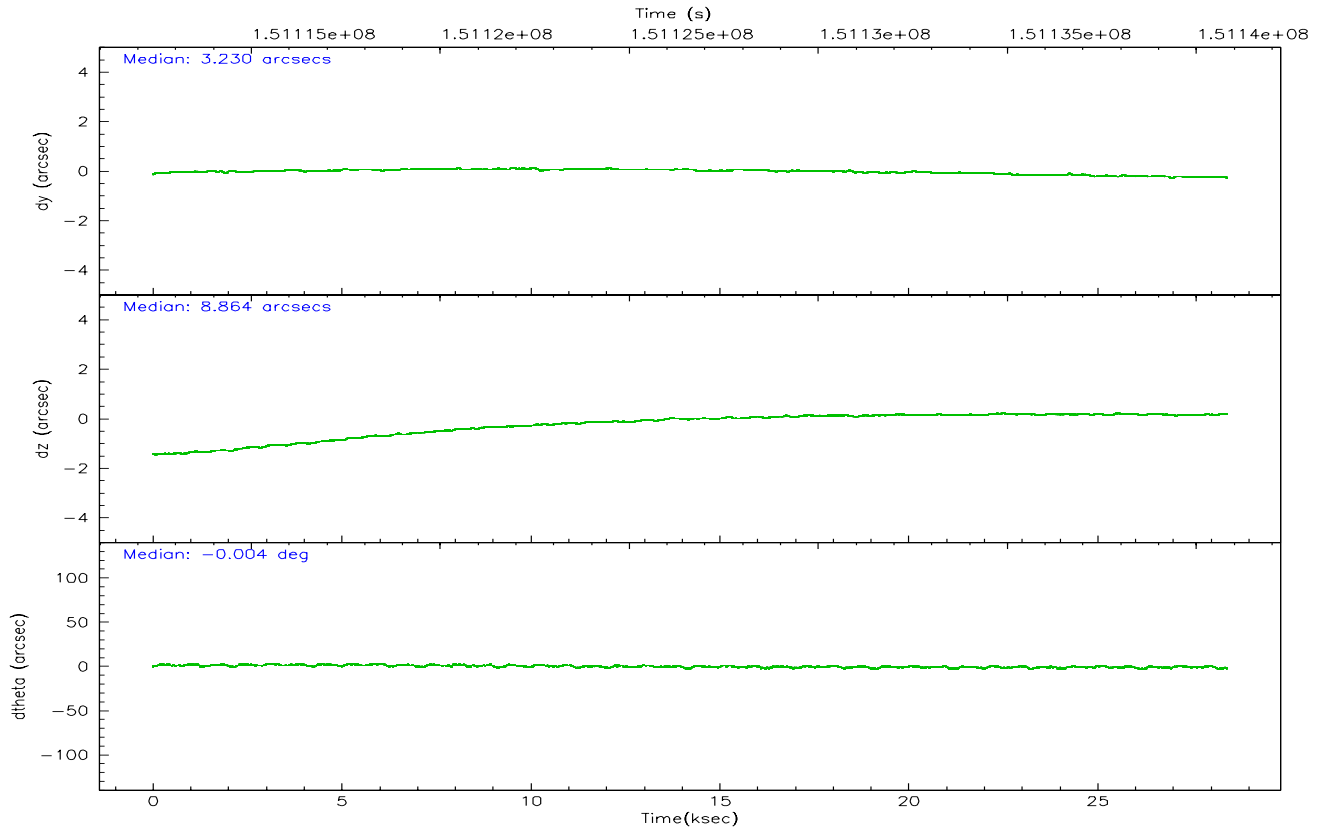
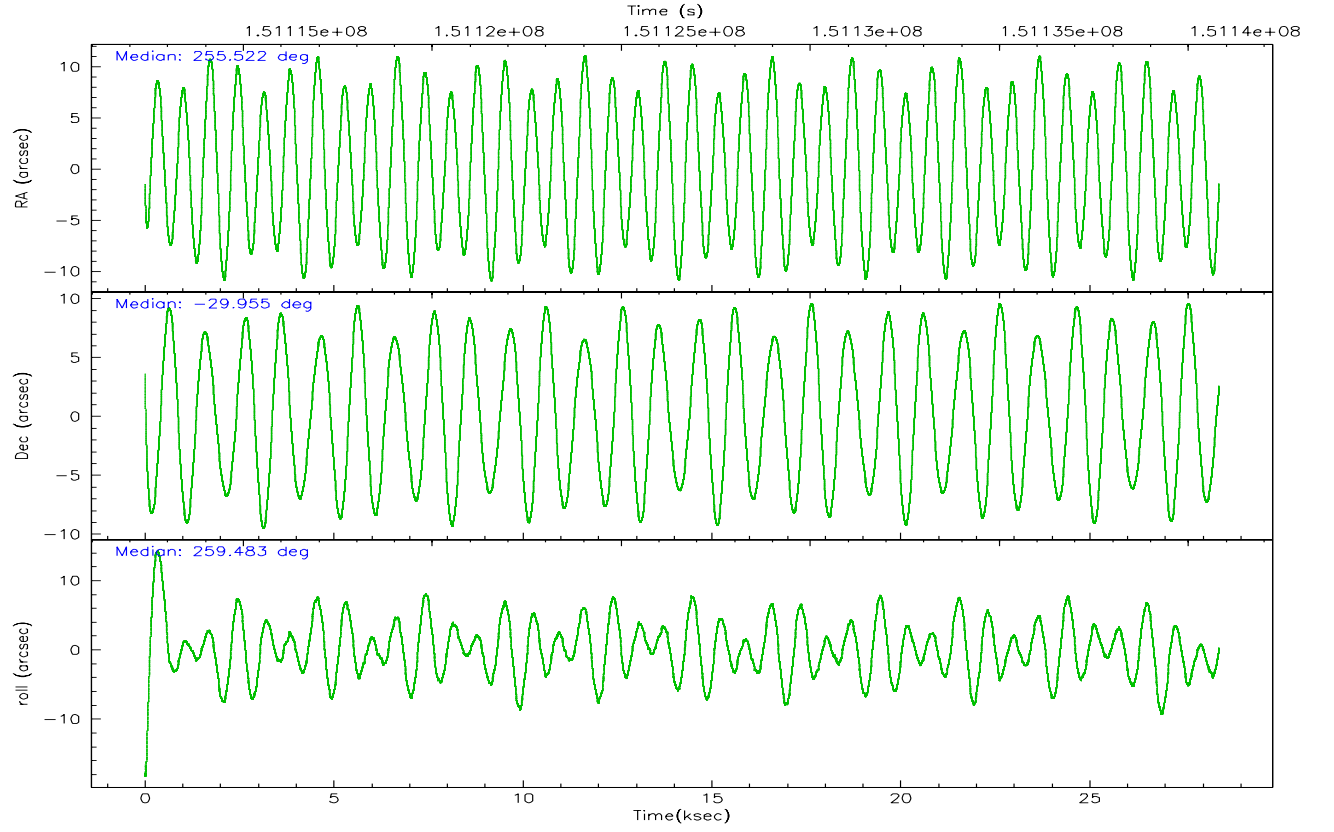
	ccd 7
grade 0 events	2441
	3%
grade 1 events	50
	0%
grade 2 events	7006
	10%
grade 3 events	2467
	3%
grade 4 events	2283
	3%
grade 5 events	4702
	7%
grade 6 events	14739
	22%
grade 7 events	32586
	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	255.511855	255.5227163368909	Subarray requested	1/4	1/4
Pointing Dec	-29.929144	-29.95471632216826	Subarray start row	0	385
Pointing Roll	259.330030	259.4920697490334	Subarray row count	1024	256
Window start time	149731264.184000	149731264.184000	Alternating exposures requested	N	N
Window stop time	151891264.184000	151891264.184000	Primary exposure time	0.000000	0.8
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	151112824.184000	151111742.65263			
Observation start date	2002-10-15T23:46:00	2002-10-15T23:29:02			
Observation end time	151140824.184000	151141517.87886			
Observation end date	2002-10-16T07:32:40	2002-10-16T07:45:17			
Read mode	TIMED	TIMED			

2.3 Aspect



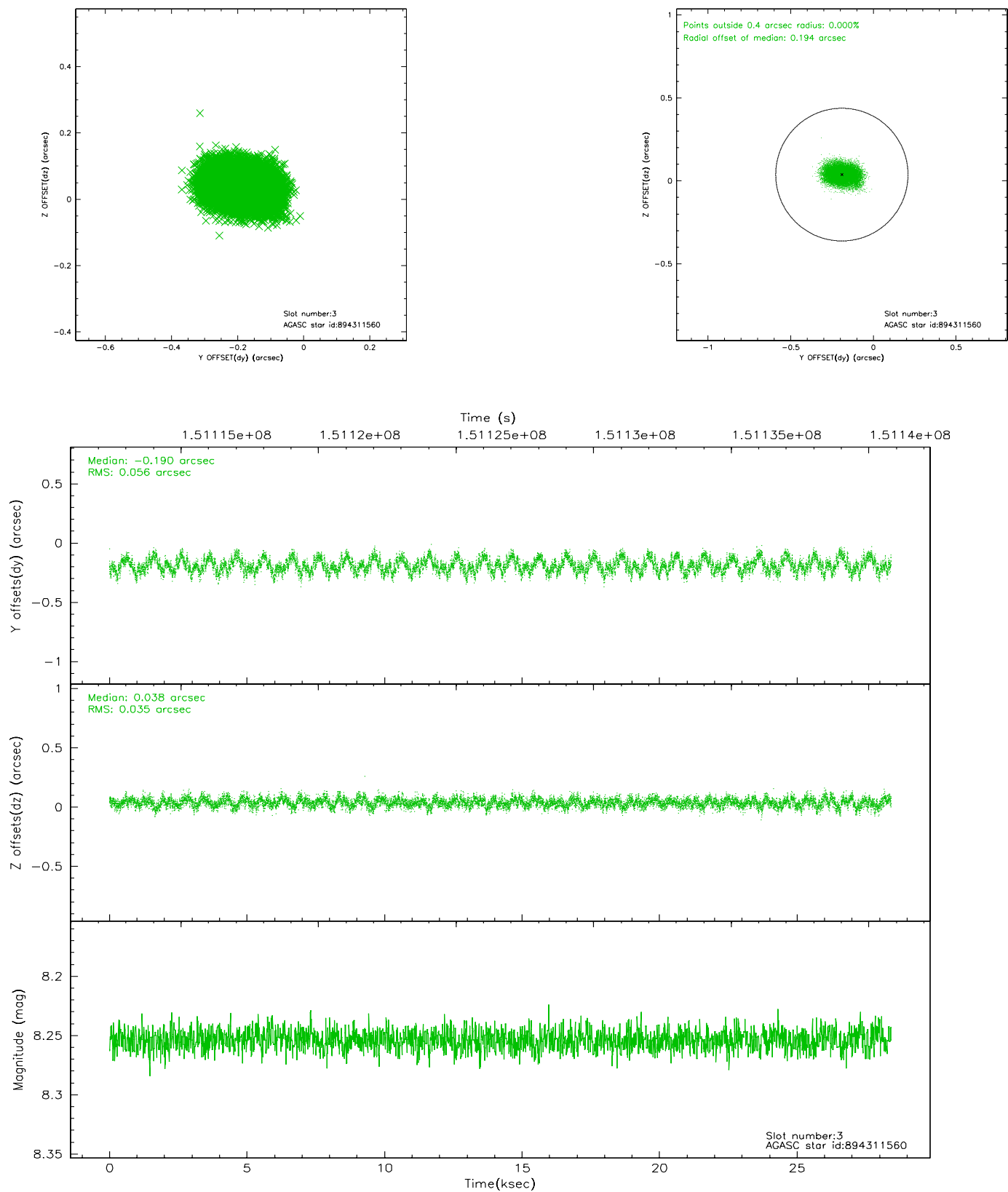


Slot Statistics

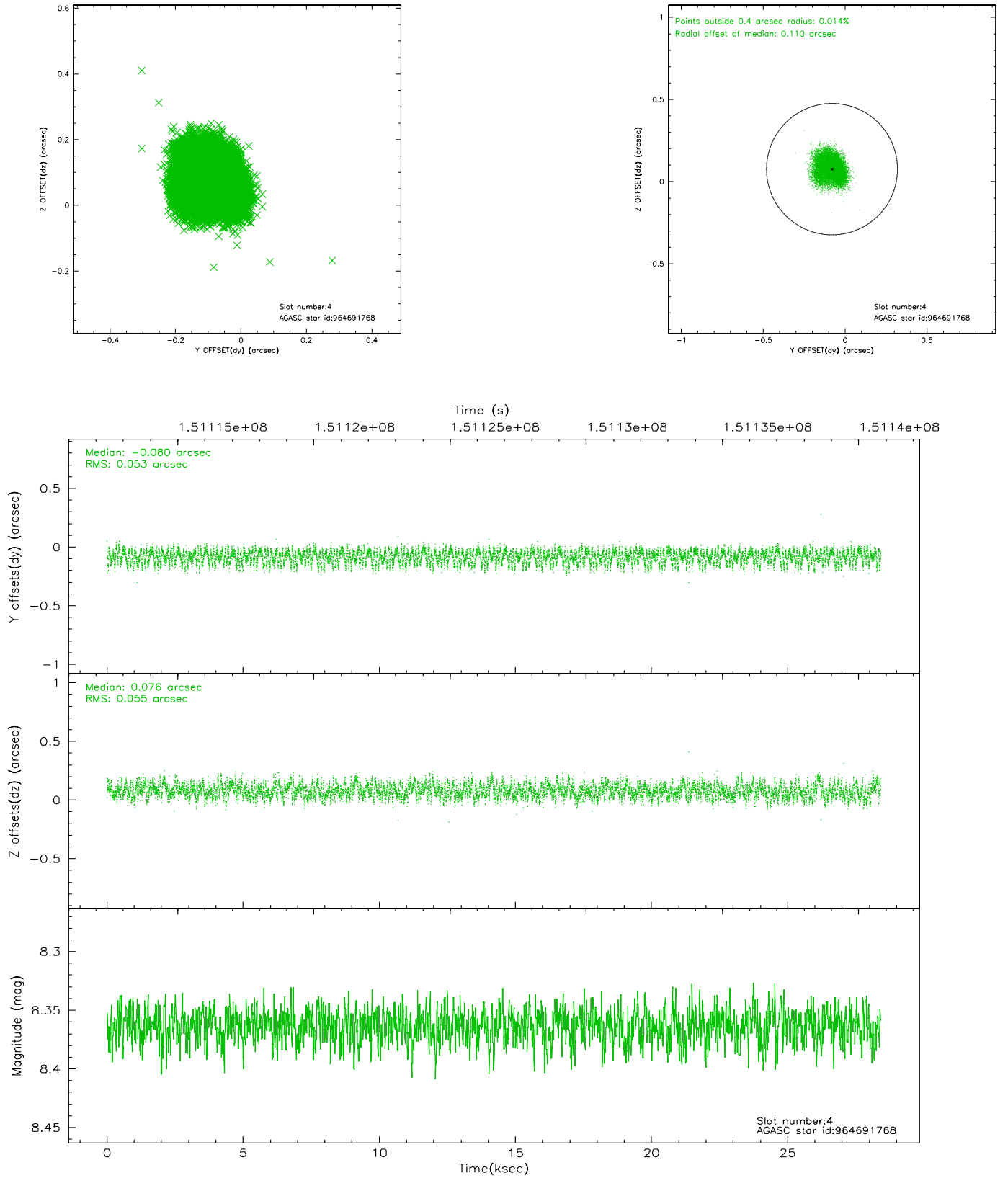
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6932	-0.011	0.012	0.013	0.020	0.000000	0.000000	-755.87	-1729.82
1	FID	ACIS-S-4	7.19	6931	-0.025	0.002	0.010	0.017	0.000000	0.000000	2157.36	178.57
2	FID	ACIS-S-5	7.23	6934	0.004	-0.005	0.012	0.020	0.000000	0.000000	-1808.58	172.33
3	GUIDE	894311560	8.25	13859	-0.190	0.038	0.071	0.114	255.968048	-29.561250	-1563.70	1159.66
4	GUIDE	964691768	8.36	13863	-0.080	0.076	0.083	0.127	256.279938	-30.028521	-84.45	2421.13
5	GUIDE	894191616	9.46	13860	-0.370	-0.037	0.119	0.184	254.985496	-29.335021	-1792.52	-2018.17
6	GUIDE	964693496	8.88	13862	0.543	0.134	0.086	0.137	255.191226	-30.516598	2264.18	-584.36
7	GUIDE	964702672	9.49	13858	0.104	-0.209	0.119	0.197	254.750357	-30.472308	2367.35	-1957.67

2.4 Star Slots

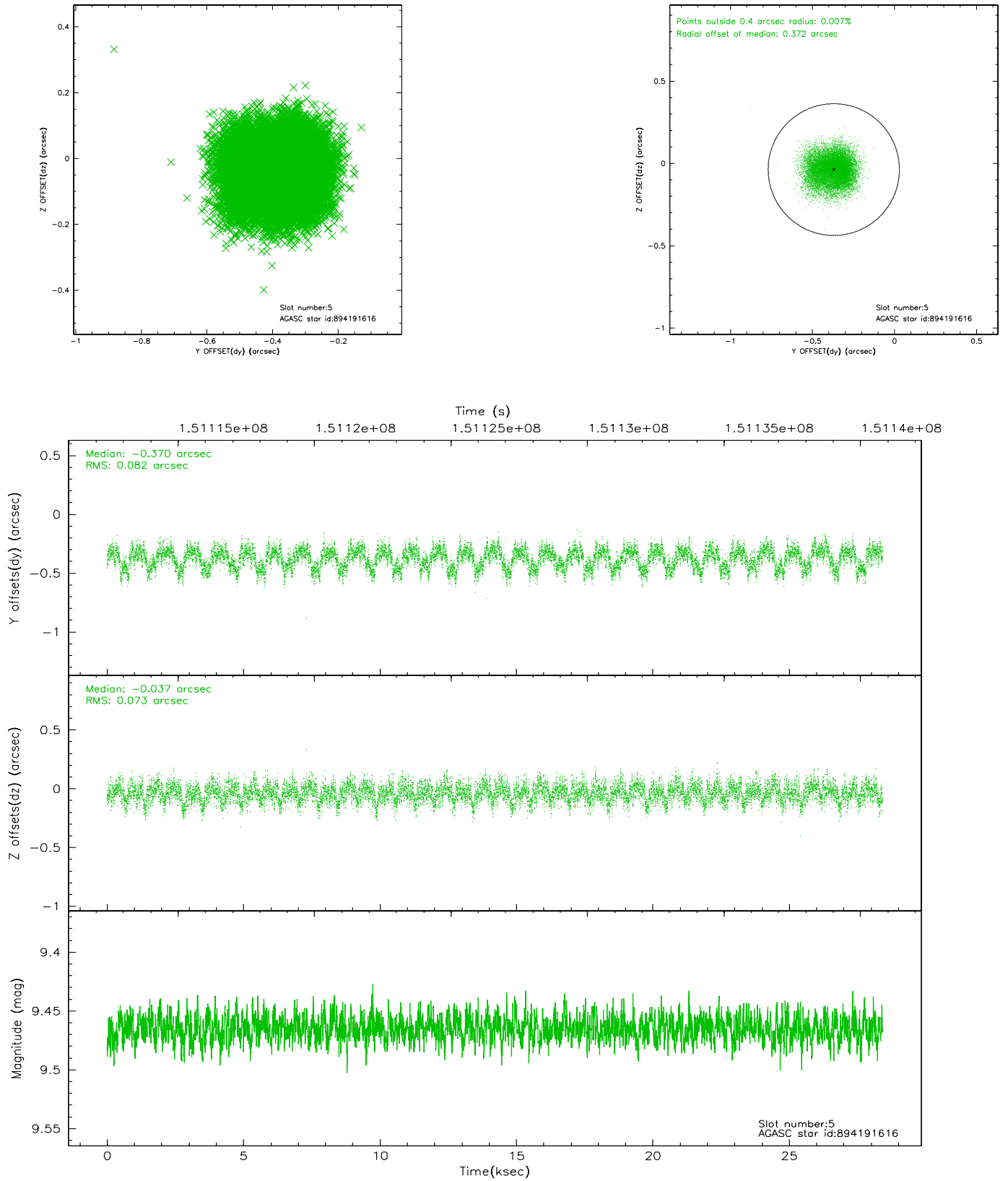
2.4.1 Slot 3



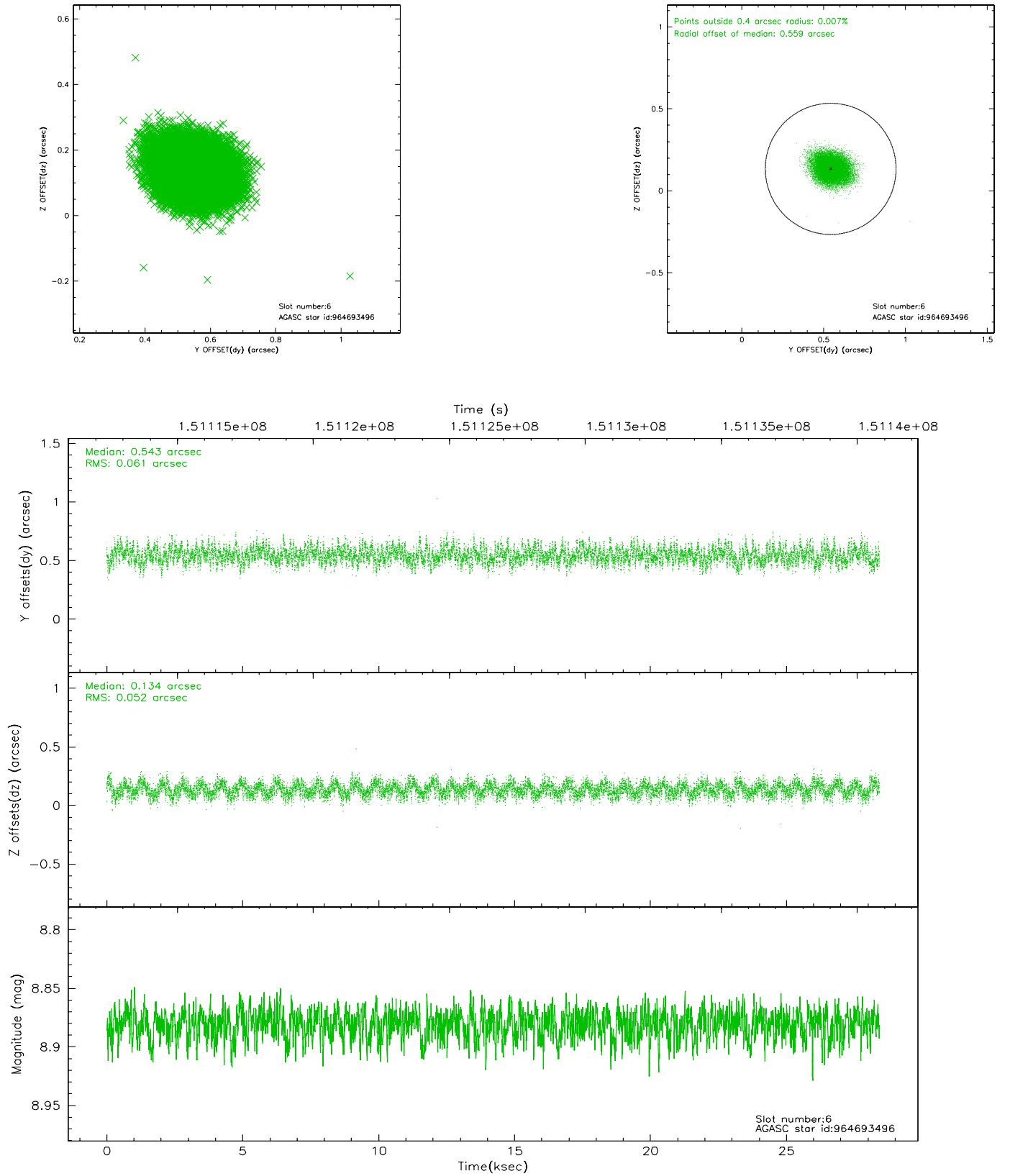
2.4.2 Slot 4



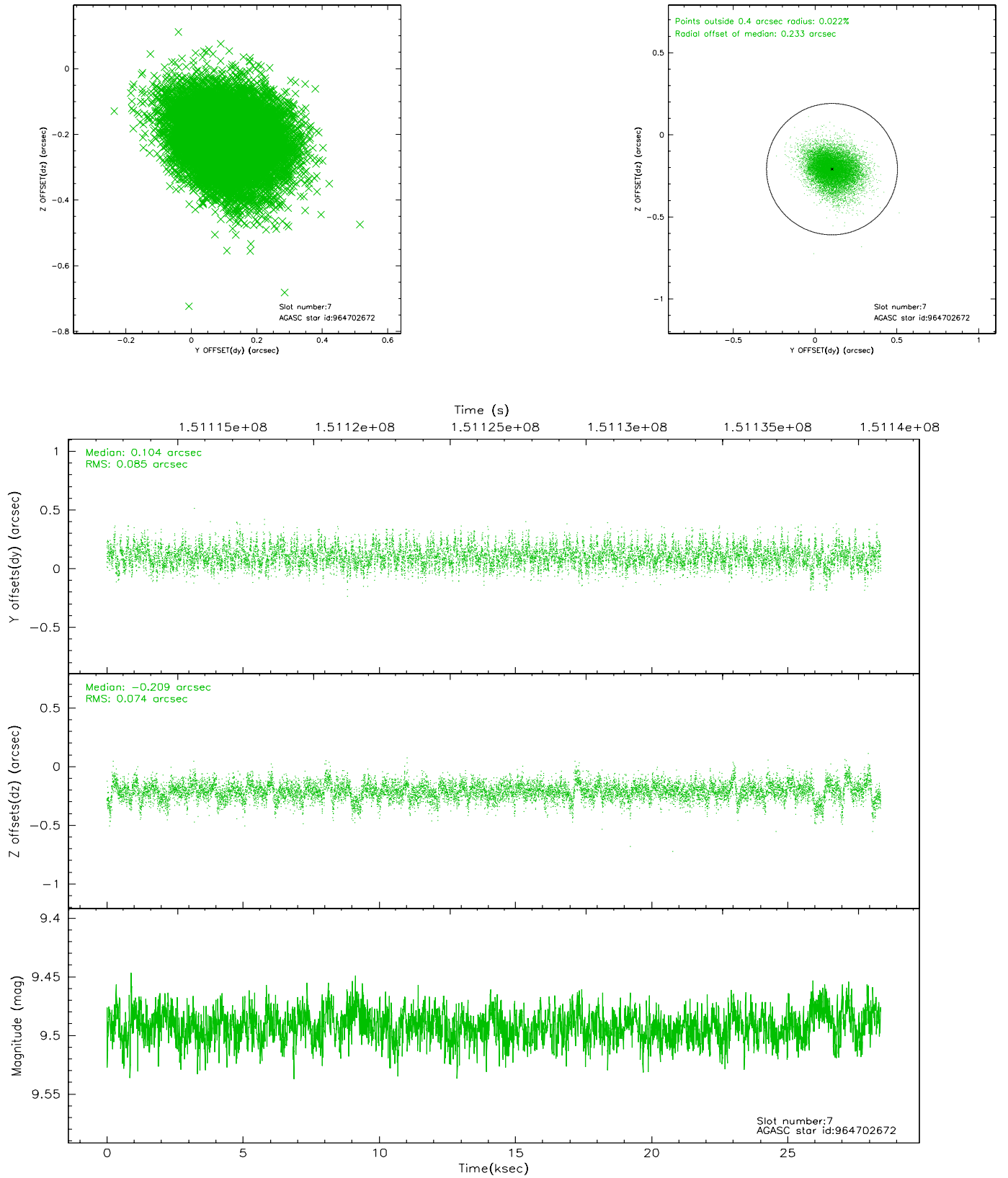
2.4.3 Slot 5



2.4.4 Slot 6

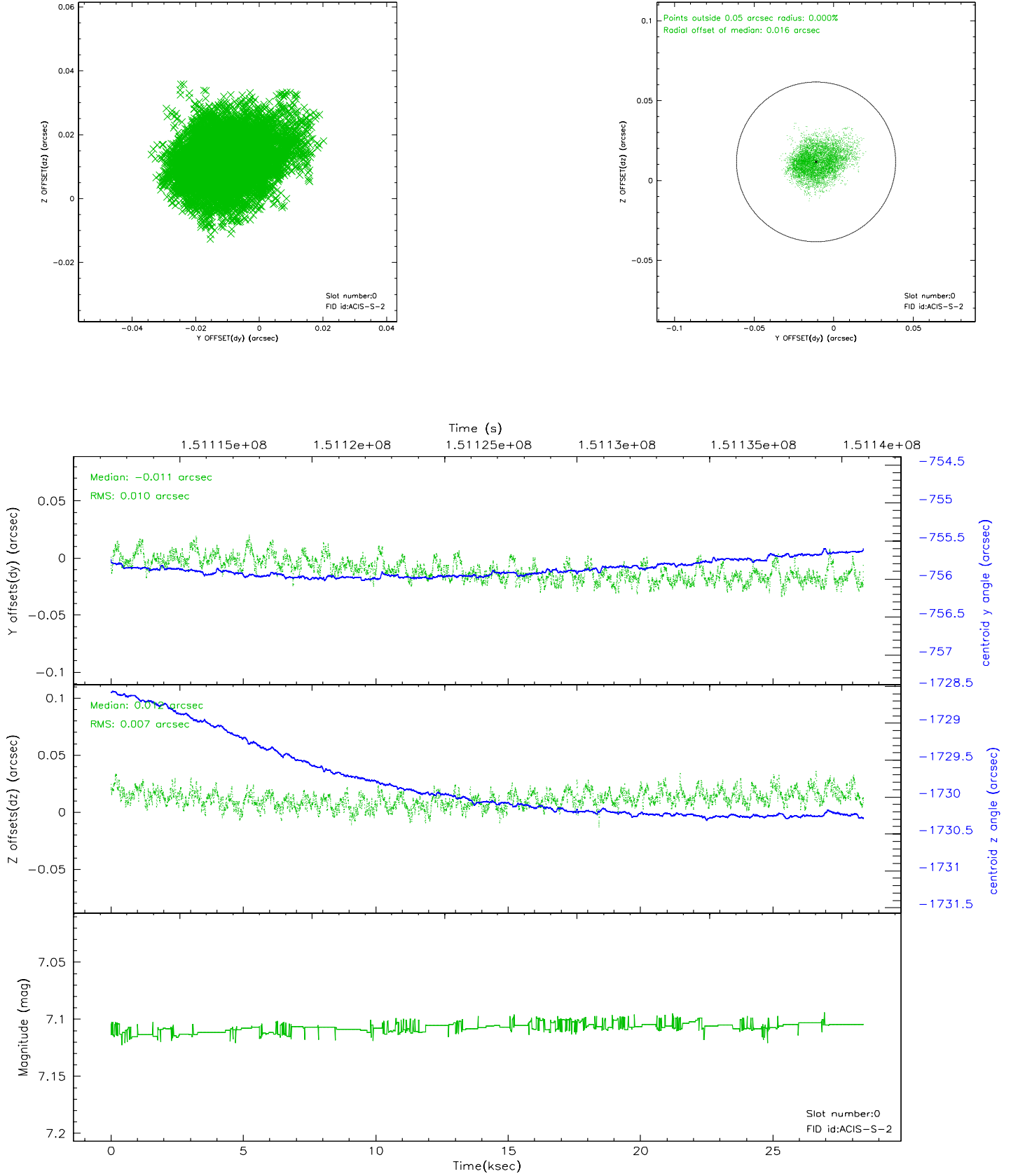


2.4.5 Slot 7

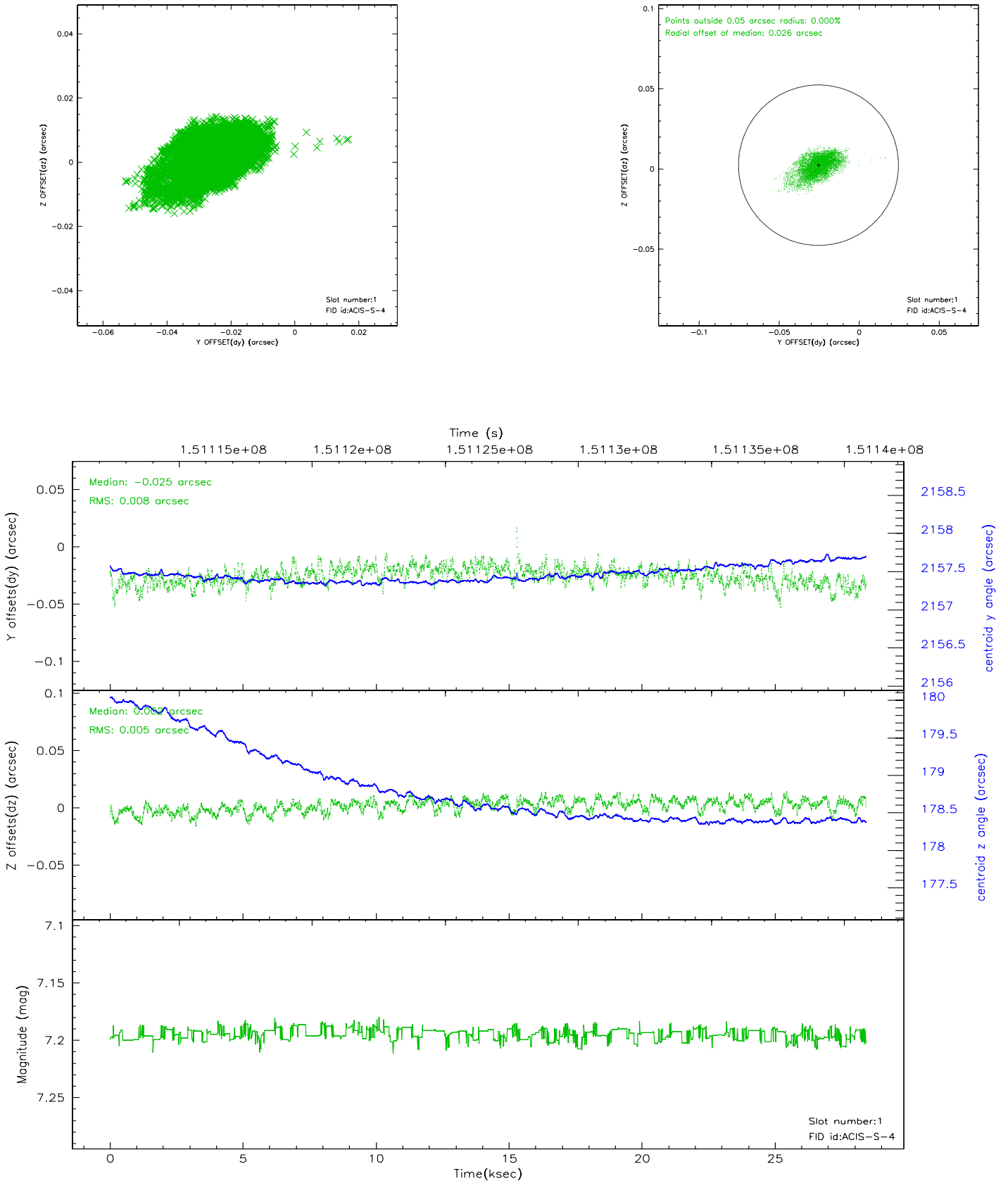


2.5 FID Slots

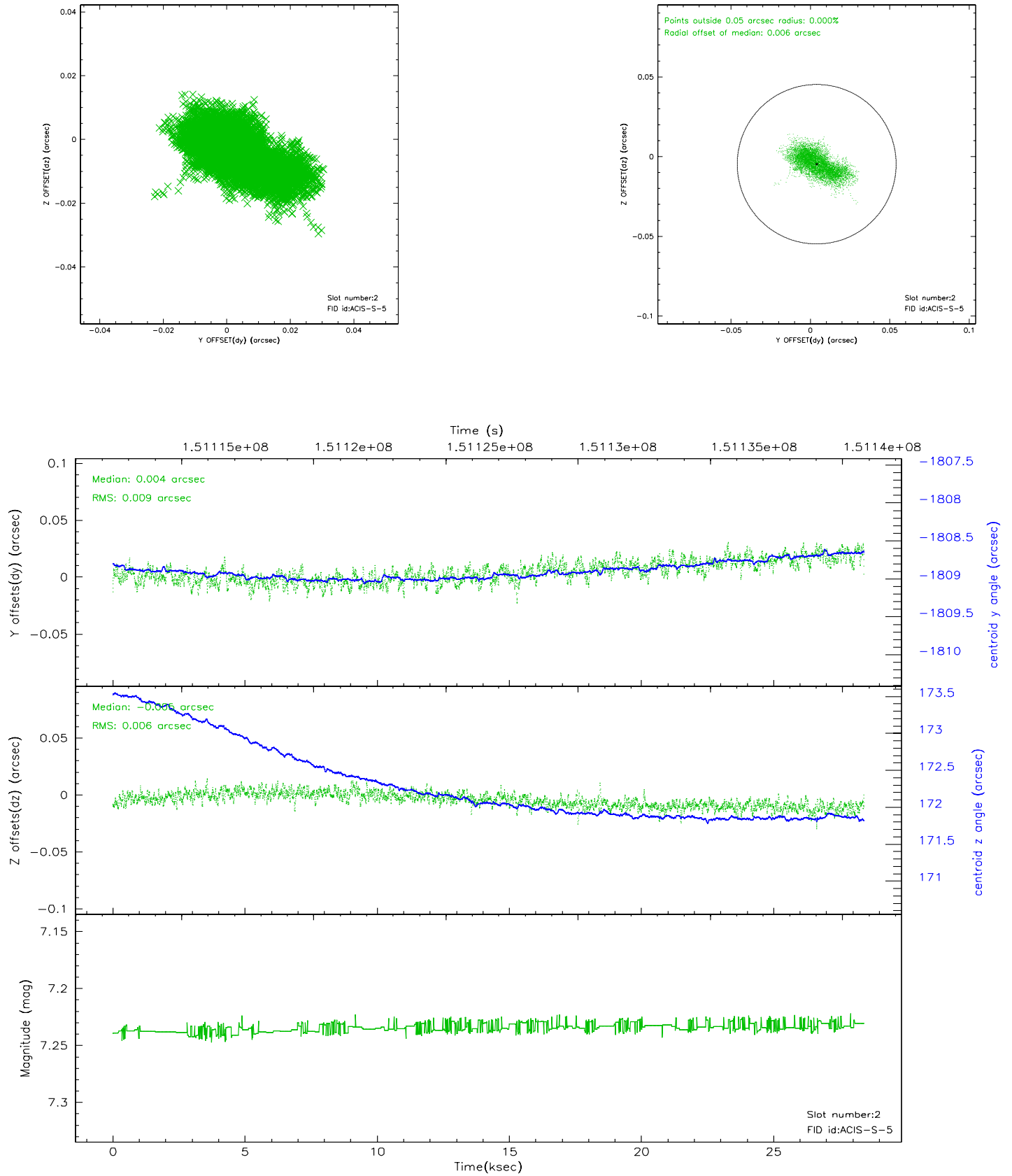
2.5.1 Slot 0



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)	2006.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.423

A.2 Comments

Window constraint met.