

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3212 - L2 Version 001
Chandra X-Ray Center

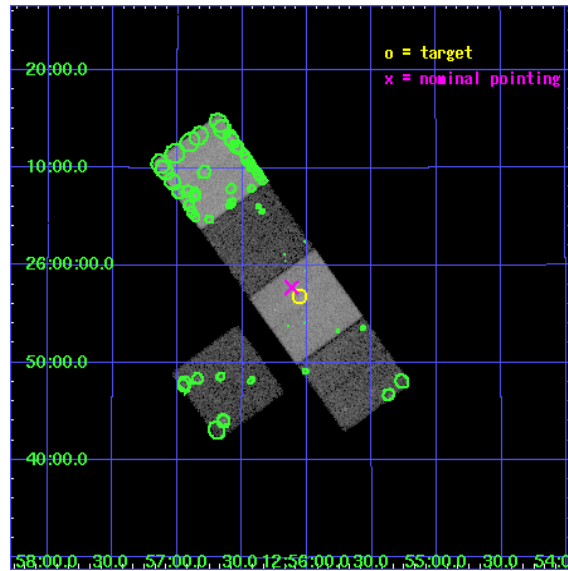
L2 Processing Date : Oct 13 2006

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1 Front

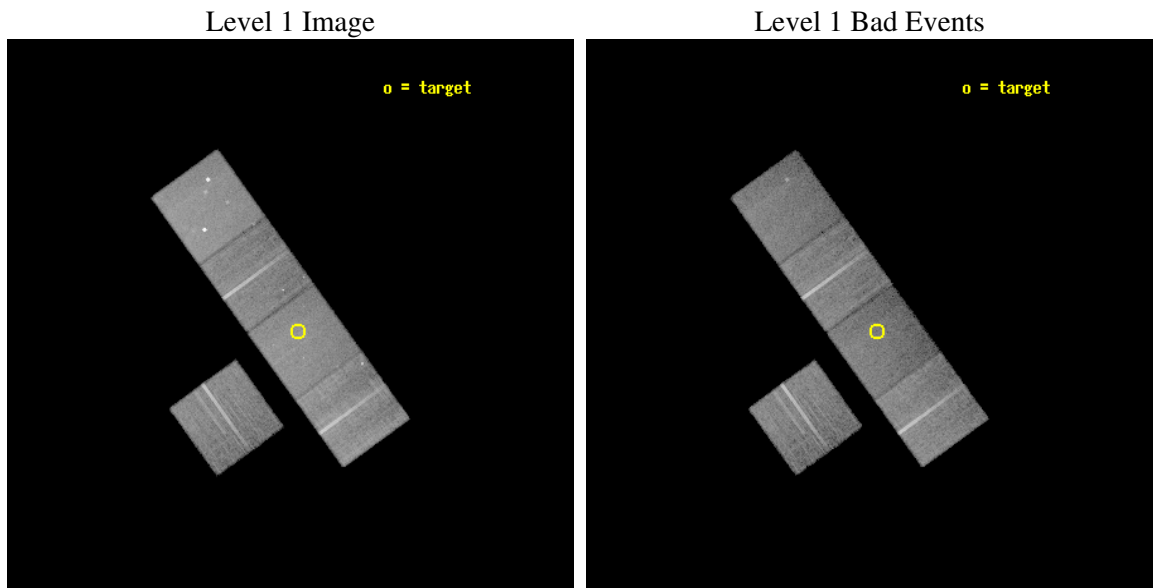
seq_num	800212
obs_id	3212
title	THE X-RAY STRUCTURE OF OLD, HIGH LUMINOSITY FOSSIL GALAXY GROUPS
observer	Dr Laurence Jones
object	RXJ1256.0+2556
dtcycle	0
cycle	P
ra_targ	194.014167
dec_targ	25.946667
ra_nom	194.02918458756
dec_nom	25.962405394172
roll_nom	54.133711698592
revision	2
ontime	28104.599945962
livetime	27737.392657363
ontime3	28101.458965838
ontime5	28104.599945962
ontime6	28095.17705524
ontime7	28104.599945962
ontime8	28101.458955824
l2events	206379



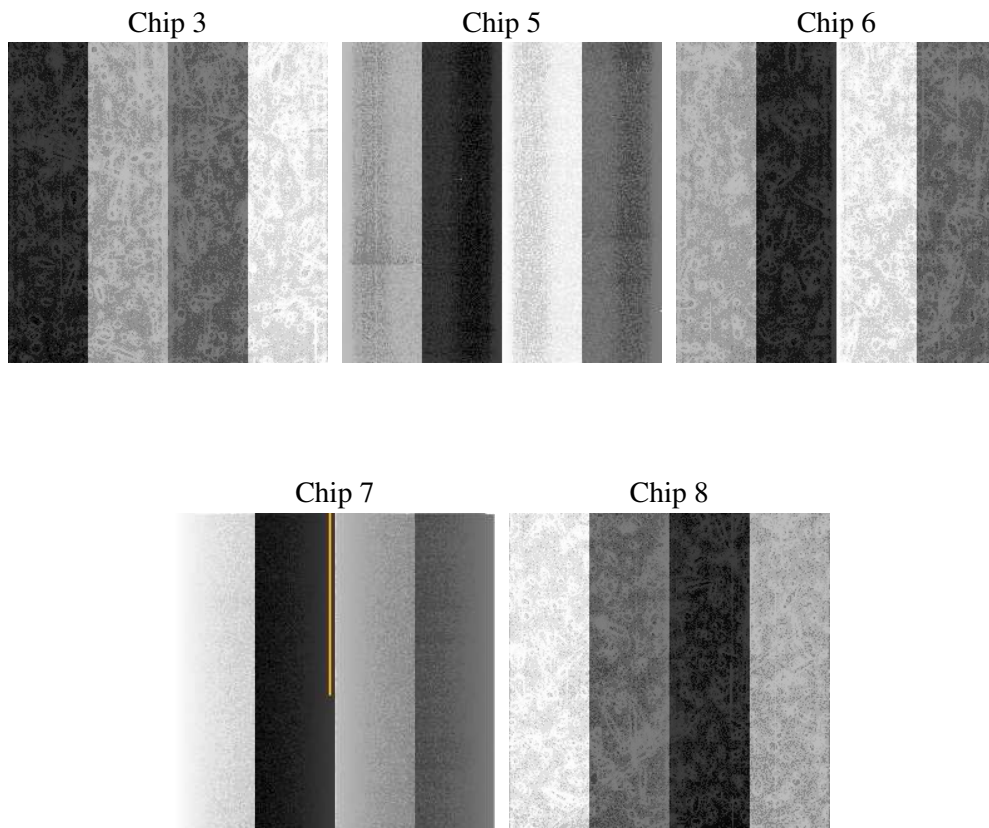
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-13T20:45:25
revision	2

sched_exp_time	28000.000000
ontime	28108.819492668
ontime3	28105.678512543
ontime5	28108.819492668
ontime6	28099.396601945
ontime7	28108.819492668
ontime8	28105.67850253
l1events	869804

2.1.4 Events

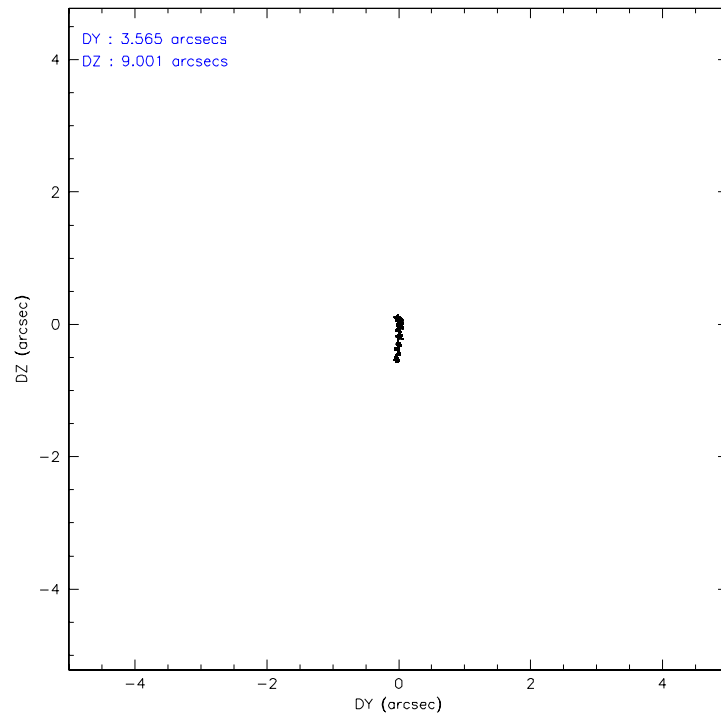
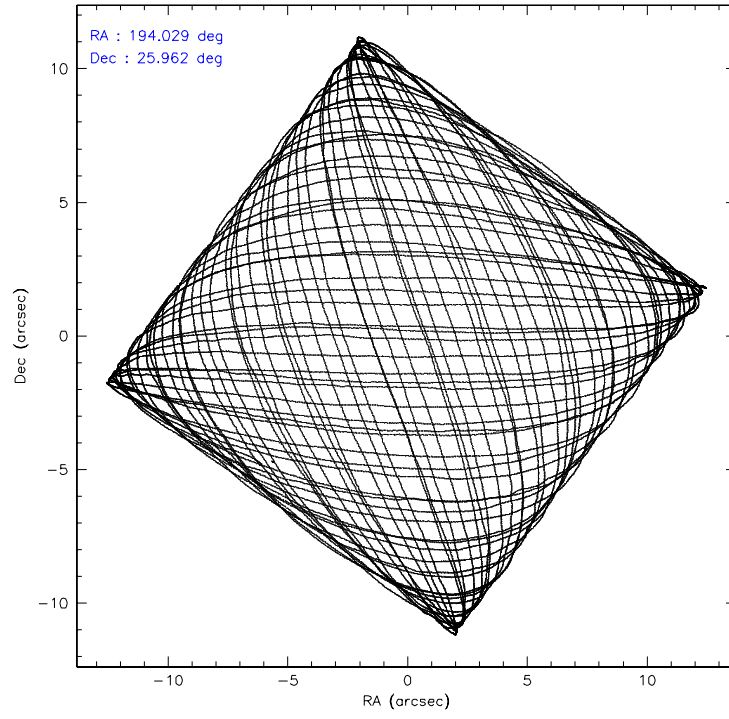
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	148905	206695	153057	168893	192254
rejected events	134757	104033	136561	95821	149294
rejected %	90%	50%	89%	56%	77%

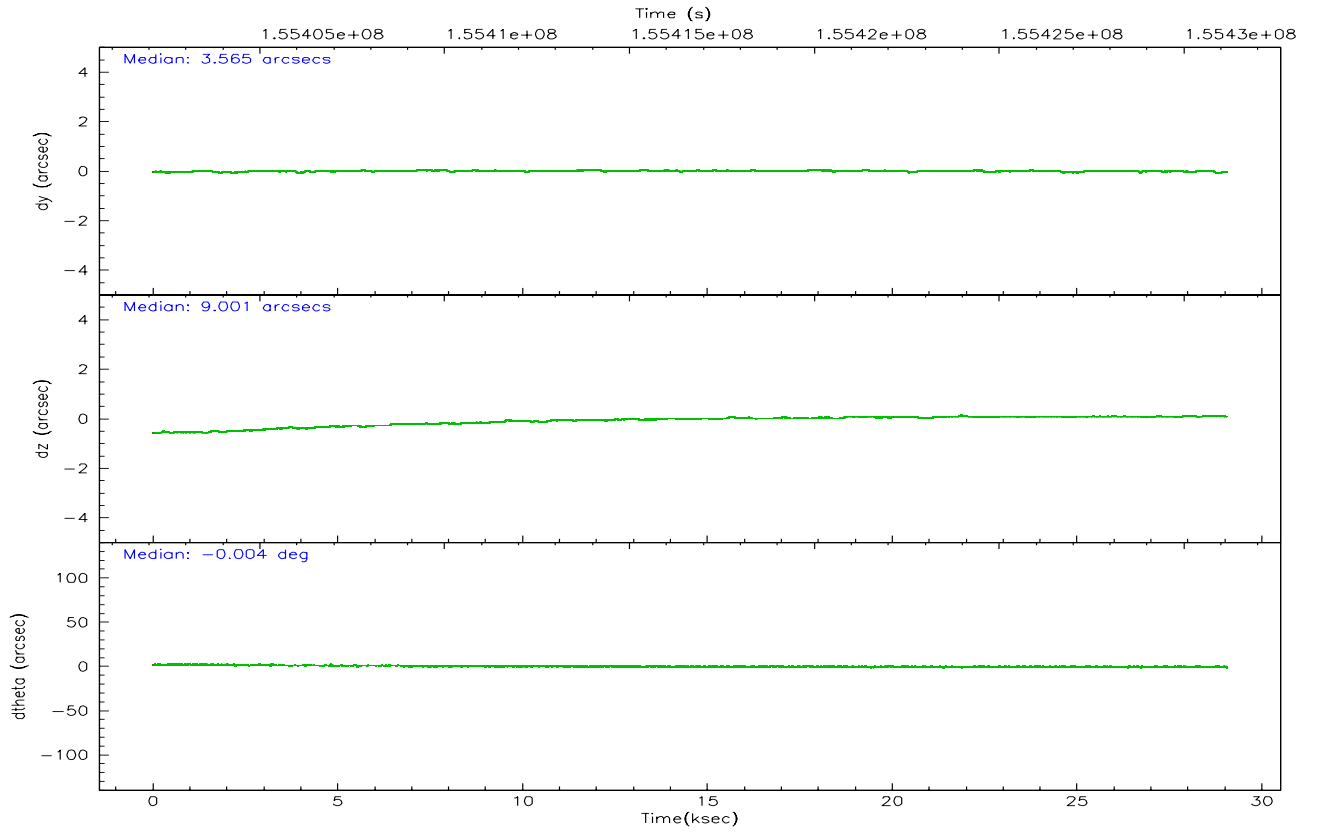
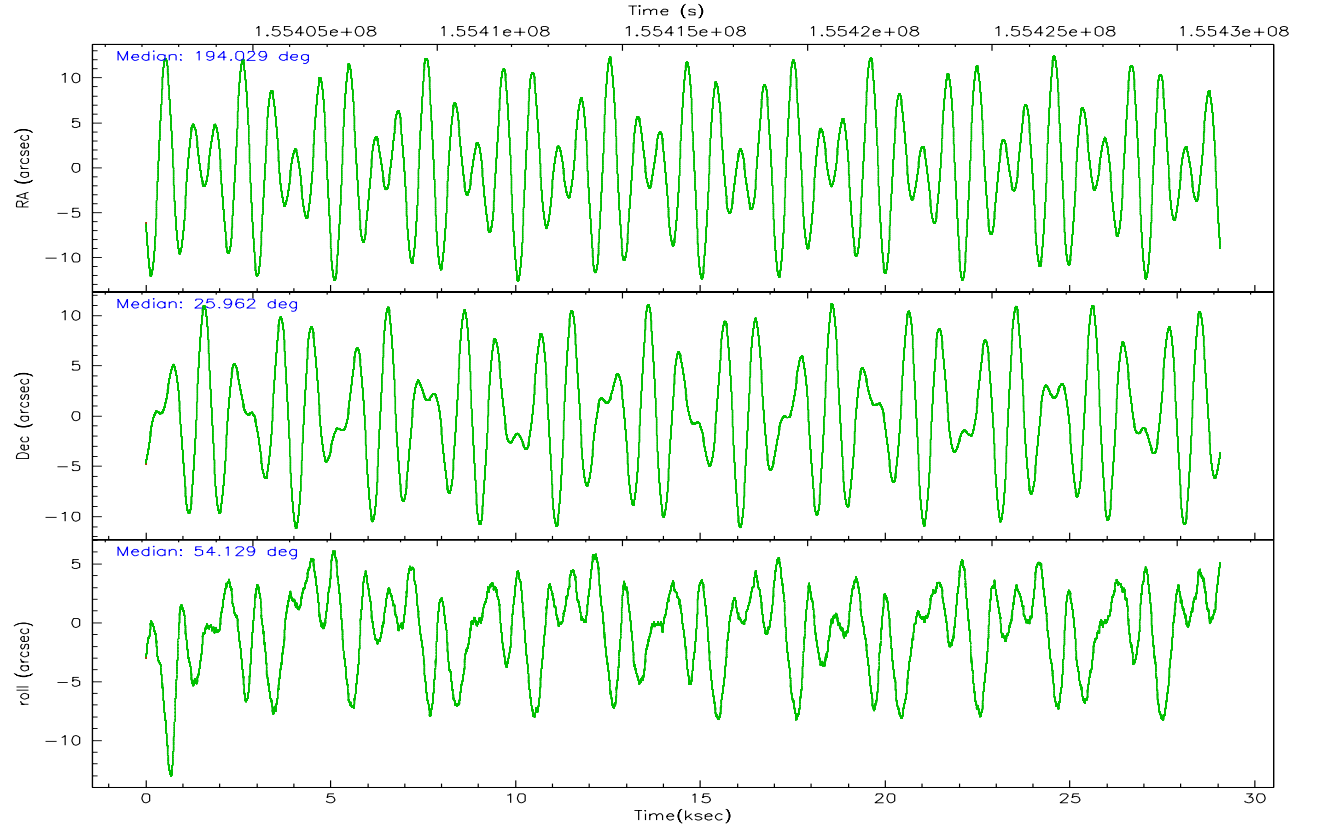
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5122	11695	6139	5436	13689
	3%	5%	4%	3%	7%
grade 1 events	71	491	58	71	121
	0%	0%	0%	0%	0%
grade 2 events	2918	31796	3458	17736	9140
	1%	15%	2%	10%	4%
grade 3 events	1644	2648	1812	4381	4730
	1%	1%	1%	2%	2%
grade 4 events	1695	2473	1778	4265	4296
	1%	1%	1%	2%	2%
grade 5 events	5527	10628	5842	12863	8027
	3%	5%	3%	7%	4%
grade 6 events	2769	54062	3309	41256	11105
	1%	26%	2%	24%	5%
grade 7 events	129159	92902	130661	82885	141146
	86%	44%	85%	49%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	194.026516	194.02918458756	Subarray requested	NONE	NONE
Pointing Dec	25.935294	25.96240539417167	Alternating exposures requested	N	N
Pointing Roll	53.978253	54.13371169859158	Primary exposure time	0.000000	3.1
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	155403175.184000	155401778.85608			
Observation start date	2002-12-04T15:31:51	2002-12-04T15:09:38			
Observation end time	155431175.184000	155431447.99482			
Observation end date	2002-12-04T23:18:31	2002-12-04T23:24:07			
Read mode	TIMED	TIMED			

2.3 Aspect



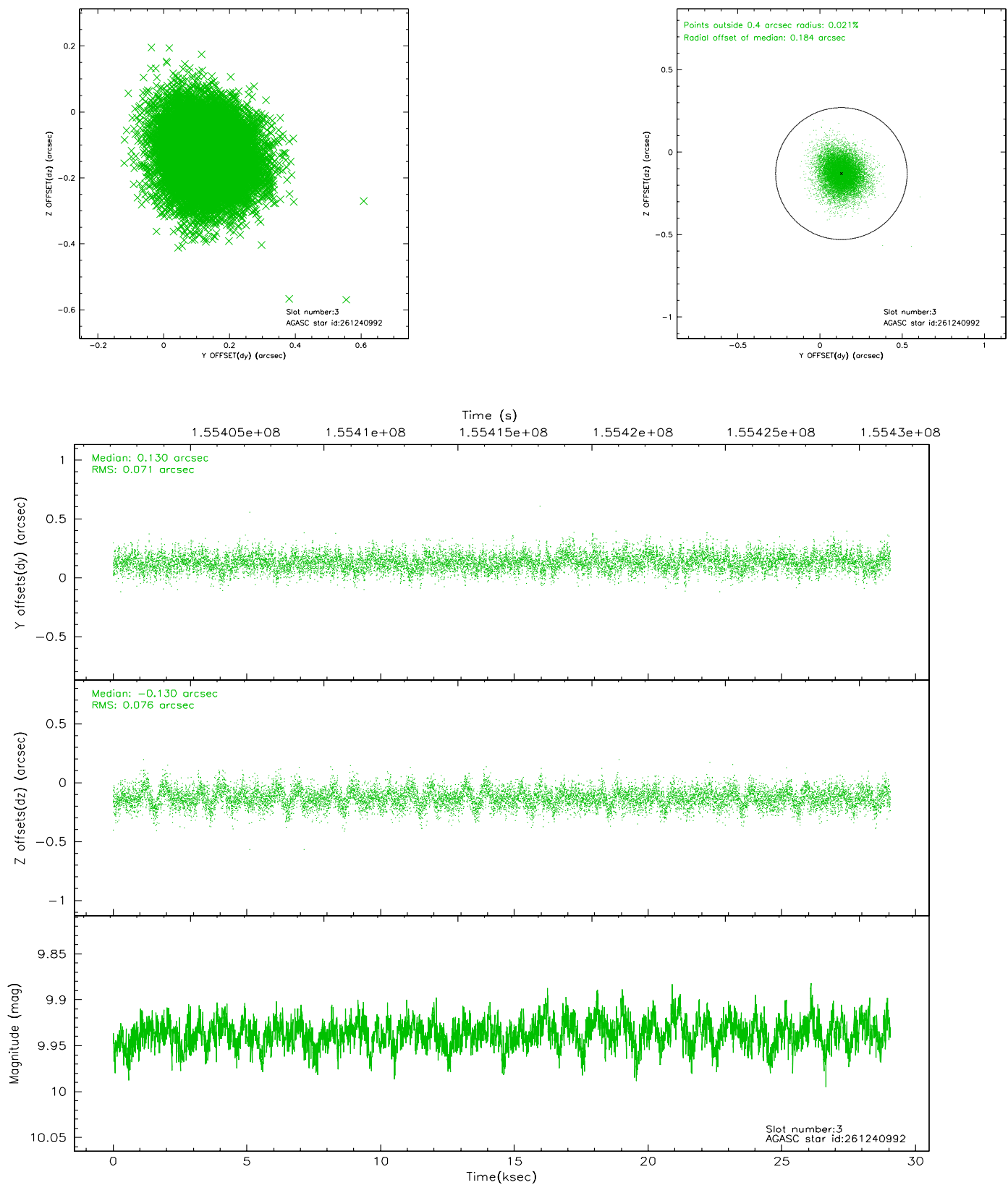


Slot Statistics

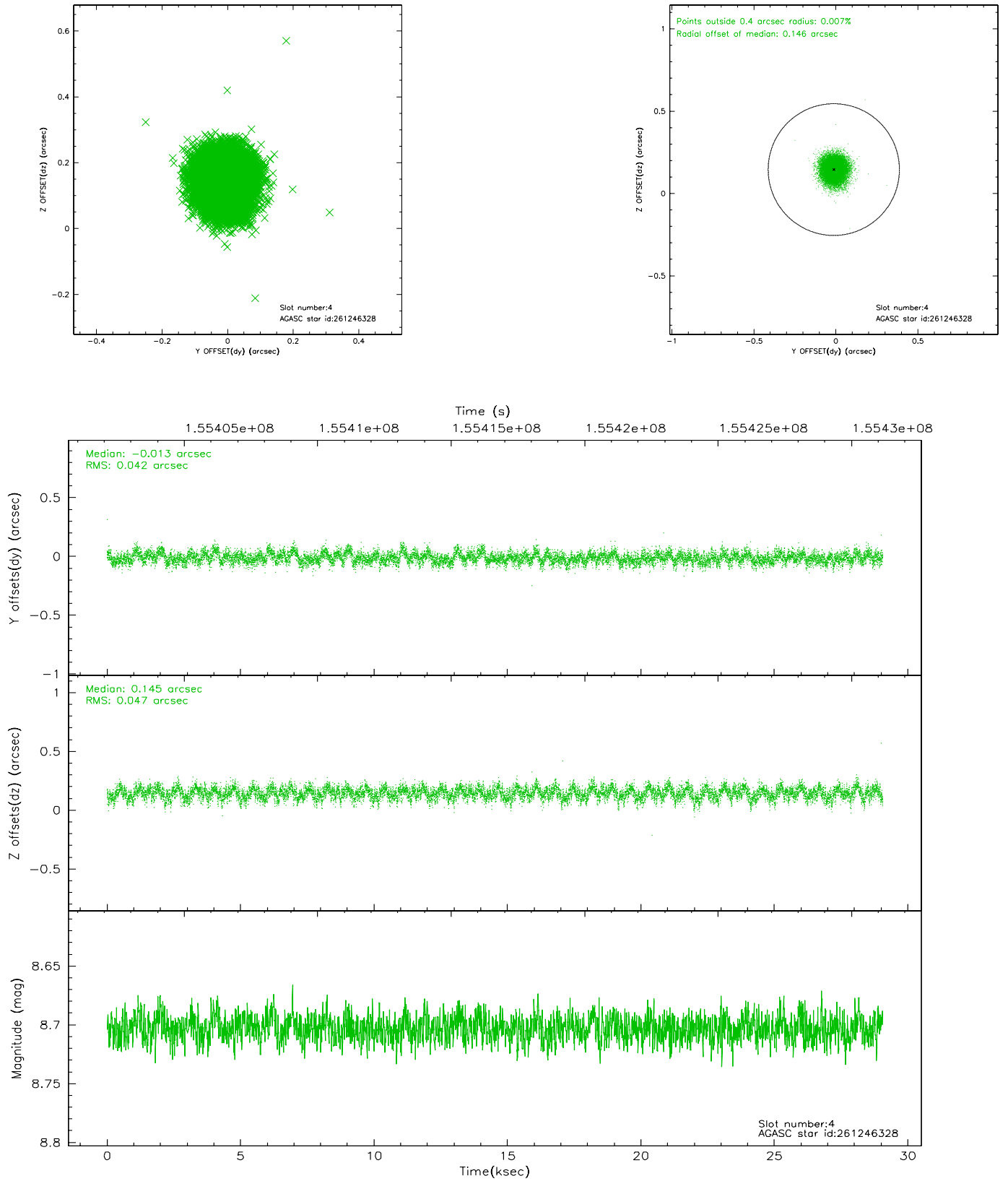
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7088	-0.004	0.024	0.007	0.013	0.000000	0.000000	-756.22	-1730.11
1	FID	ACIS-S-4	7.20	7088	-0.038	-0.004	0.006	0.013	0.000000	0.000000	2156.98	178.26
2	FID	ACIS-S-5	7.24	7088	0.010	-0.010	0.006	0.011	0.000000	0.000000	-1808.95	172.02
3	GUIDE	261240992	9.94	14167	0.130	-0.130	0.109	0.183	194.021650	26.021914	244.54	195.51
4	GUIDE	261246328	8.70	14171	-0.013	0.145	0.067	0.107	194.437444	25.936229	788.31	-1073.03
5	GUIDE	261247656	8.85	14170	0.087	-0.050	0.067	0.107	193.890607	25.891836	-383.61	263.46
6	GUIDE	261490112	9.76	14165	-0.110	-0.118	0.127	0.198	194.017210	26.469930	1540.29	1155.70
7	GUIDE	261240768	8.36	14170	-0.096	0.160	0.054	0.090	194.617140	25.922325	1092.00	-1571.67

2.4 Star Slots

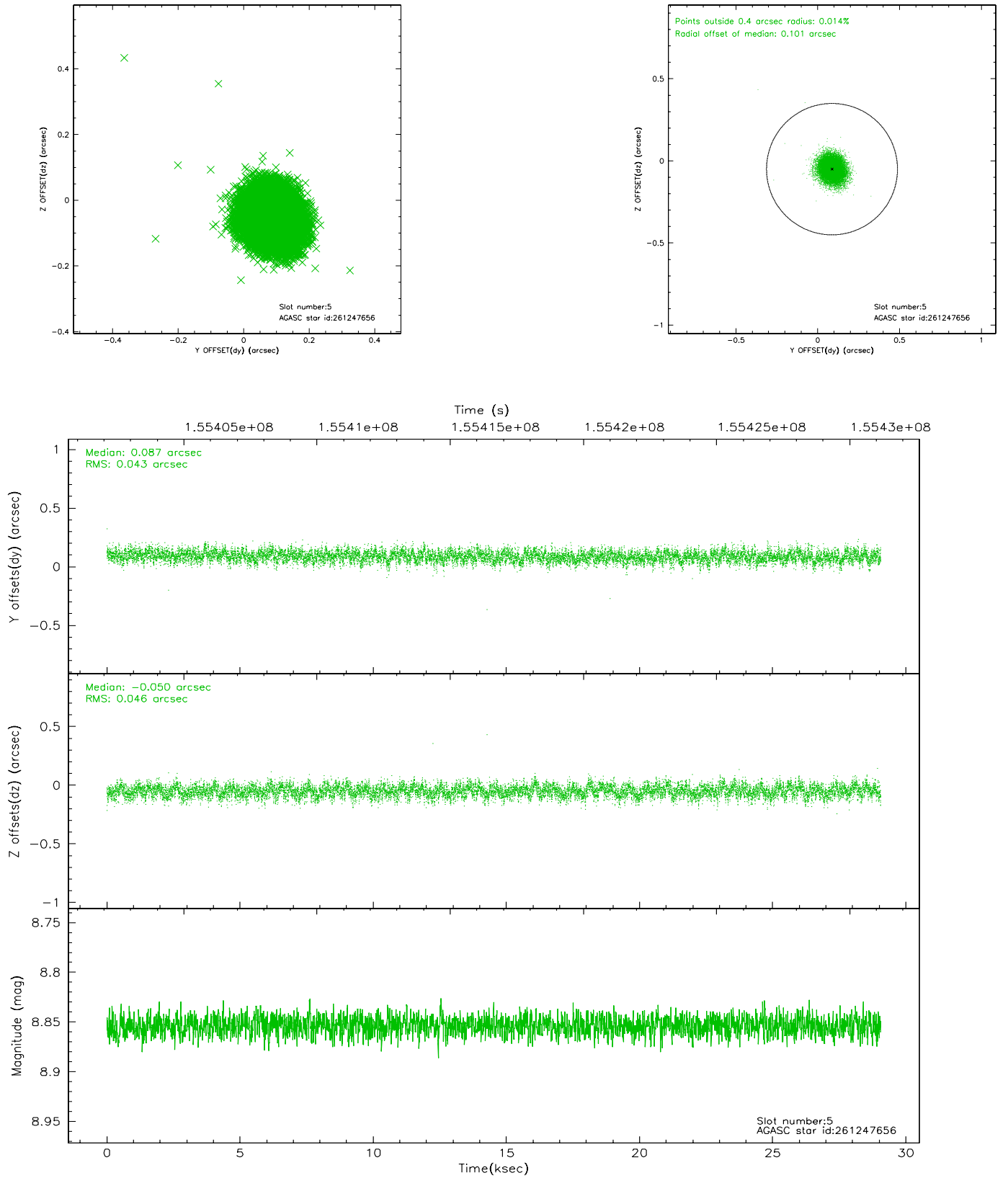
2.4.1 Slot 3



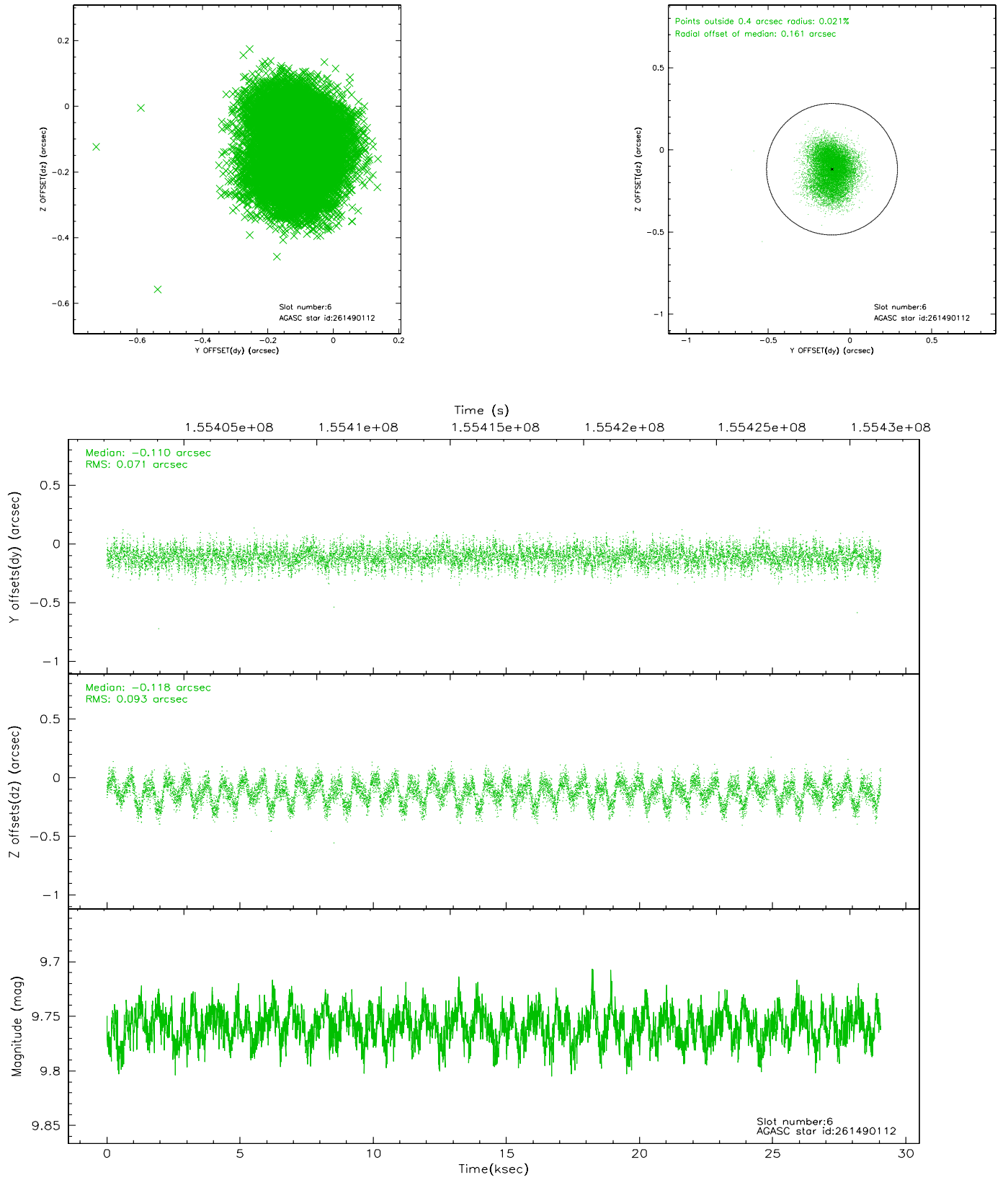
2.4.2 Slot 4



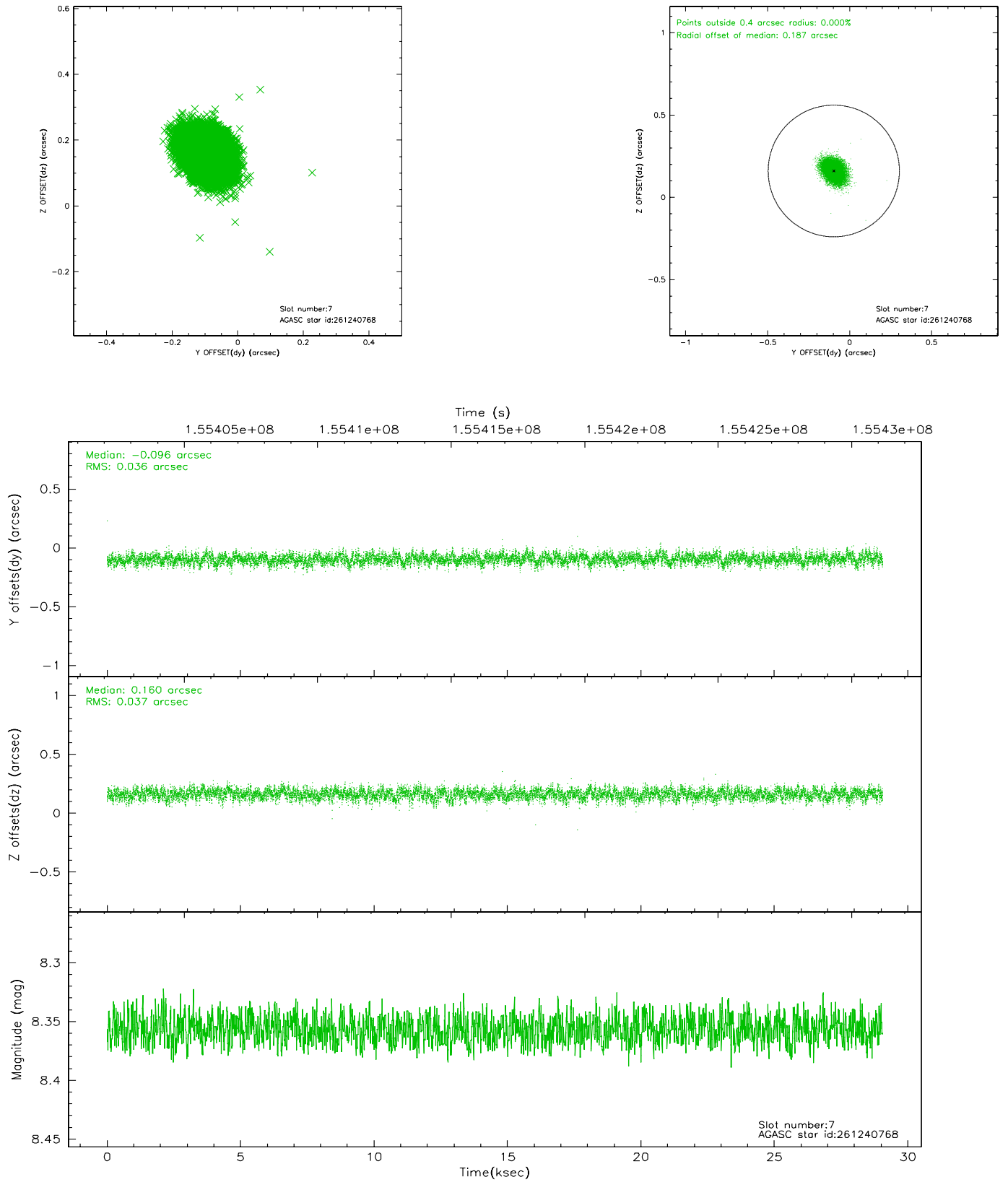
2.4.3 Slot 5



2.4.4 Slot 6

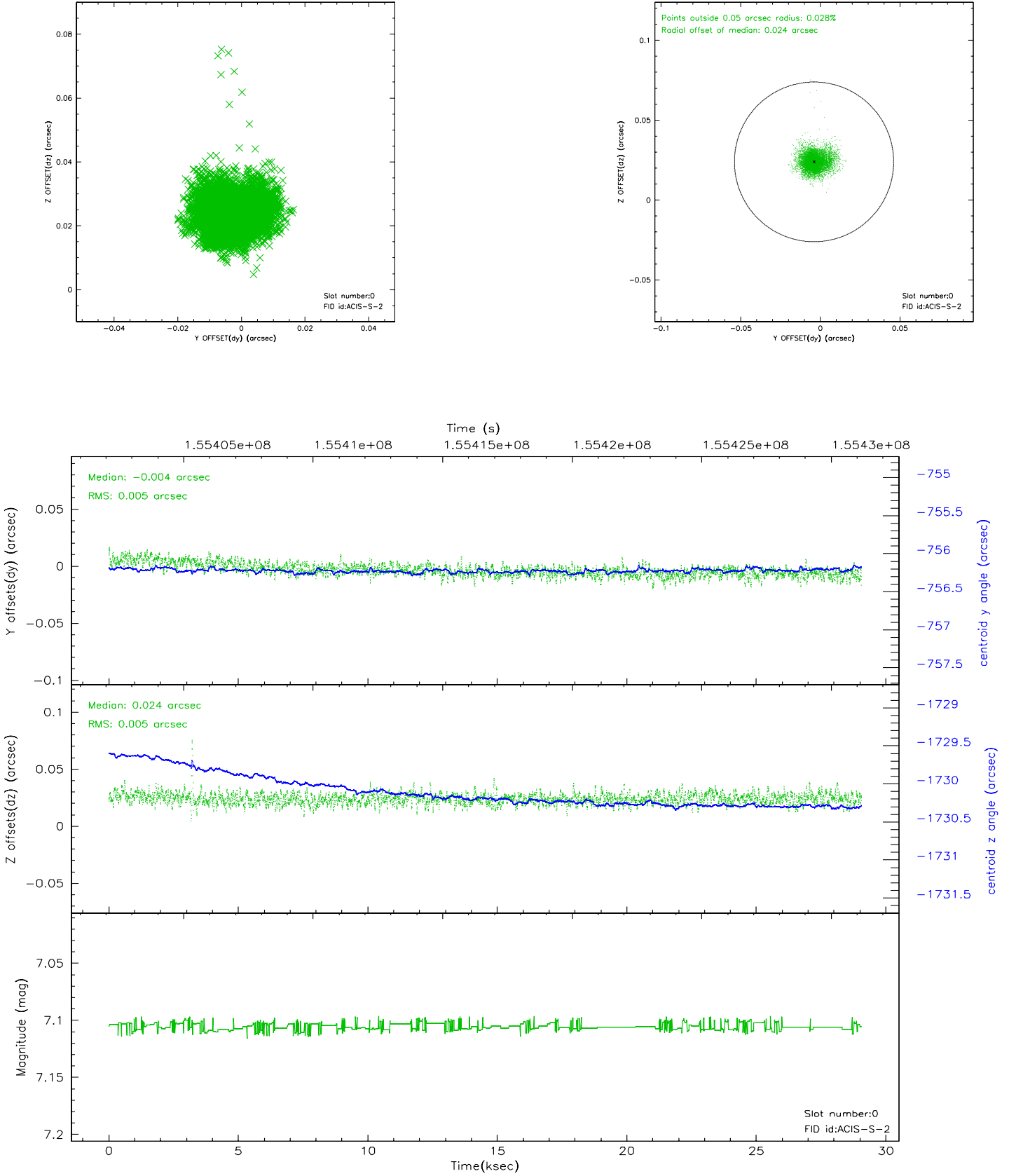


2.4.5 Slot 7

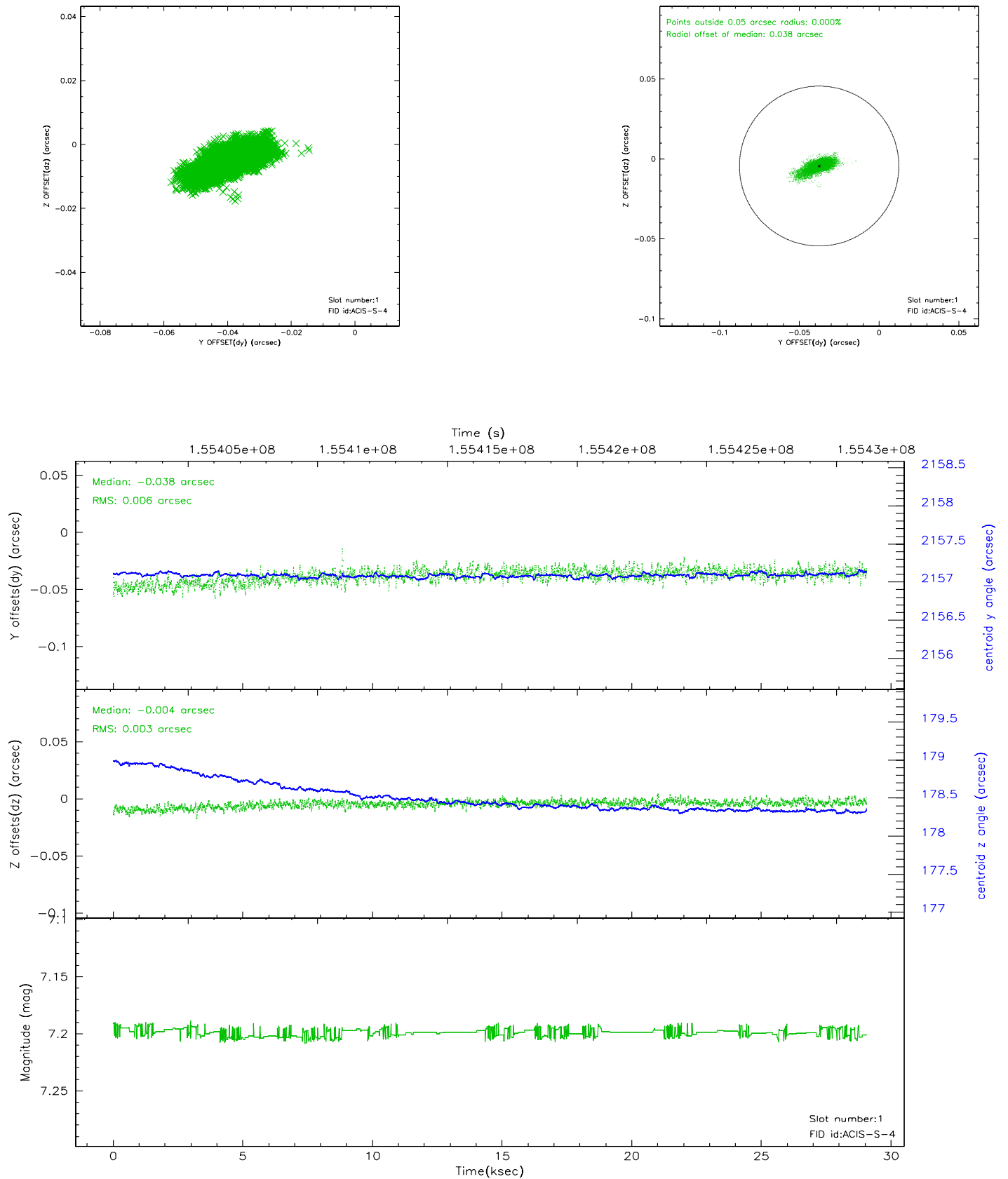


2.5 FID Slots

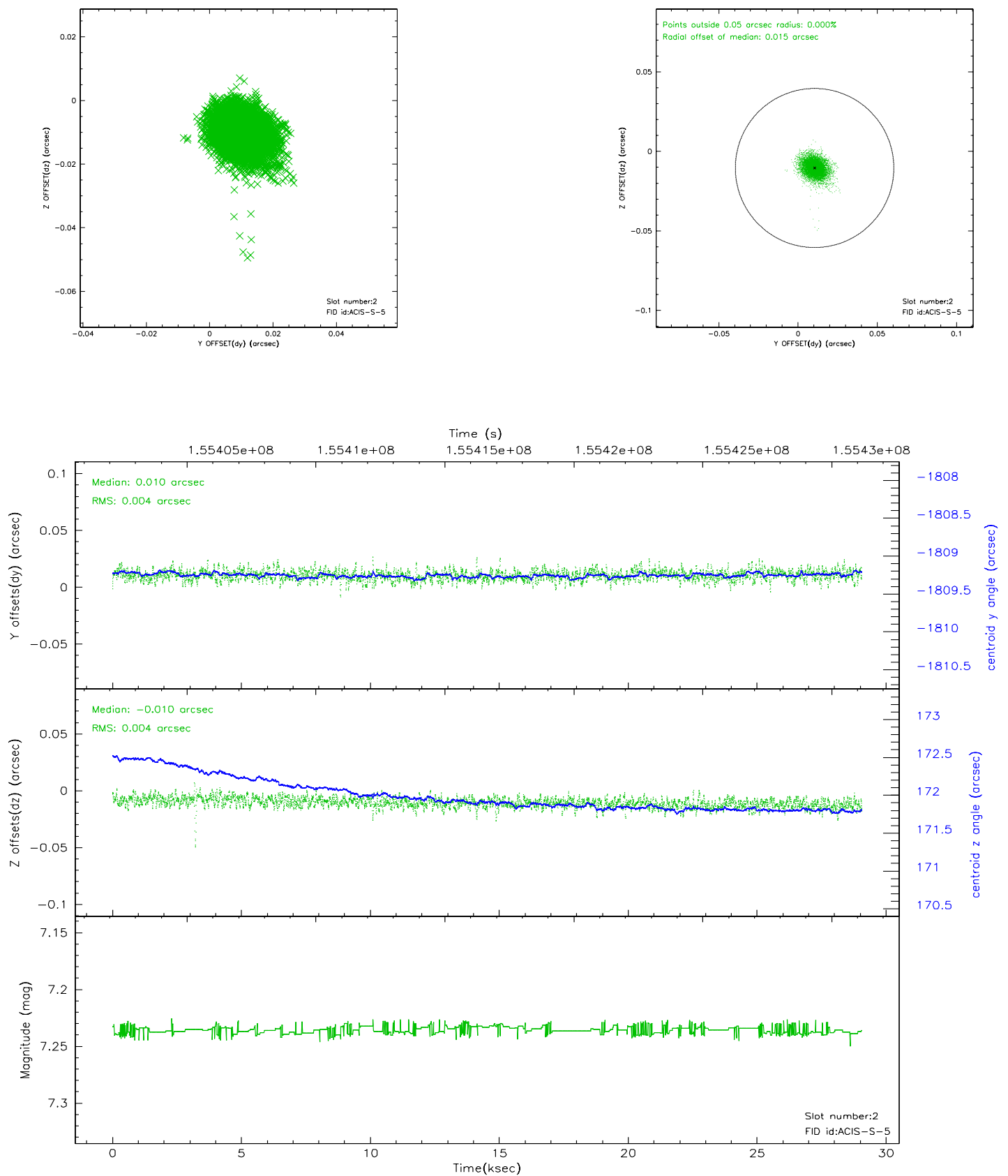
2.5.1 Slot 0



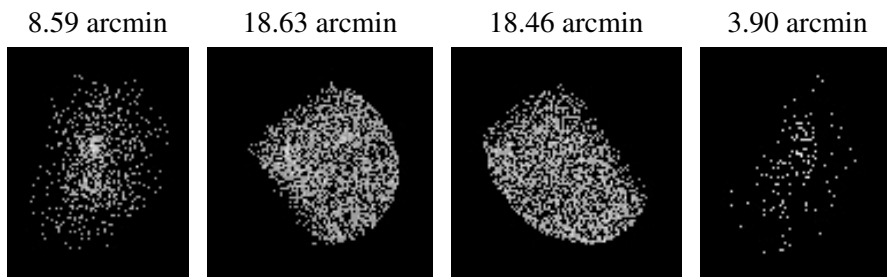
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.101

A.2 Comments