

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2919 - L2 Version 001
Chandra X-Ray Center

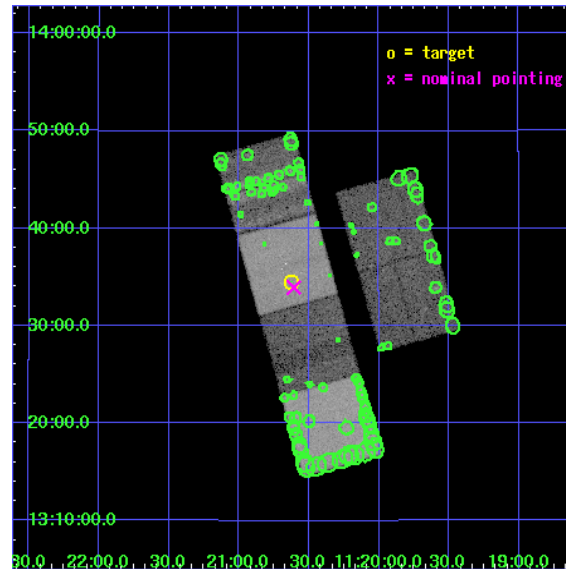
L2 Processing Date : Sep 22 2006

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1 Front

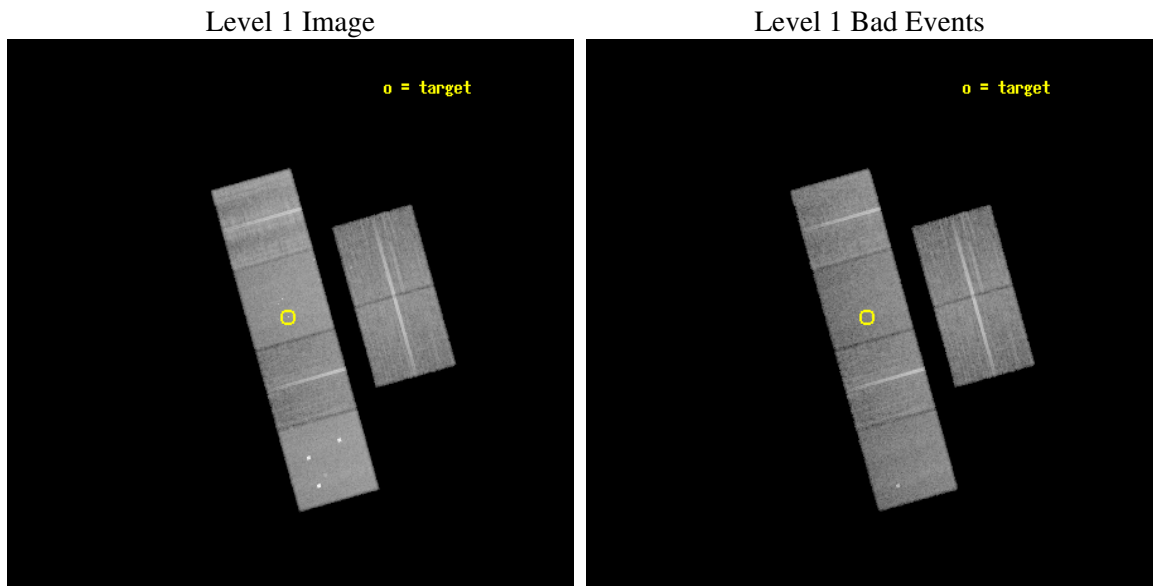
seq_num	600256
obs_id	2919
title	FURTHER PROBING THE NATURE OF SUPER-LUMINOUS X-RAY SOURCES IN NEARBY GALAXIES
observer	Dr Timothy Roberts
object	NGC 3628 X-2
dtcycle	0
cycle	P
ra_targ	170.15625
dec_targ	13.574444
ra_nom	170.15192139153
dec_nom	13.565713728901
roll_nom	254.32245401388
revision	2
ontime	22764.799915195
livetime	22476.538311351
ontime2	22764.799915195
ontime3	22761.558974832
ontime5	22764.799915195
ontime6	22764.799915195
ontime7	22764.799915195
ontime8	22764.799915195
l2events	250361



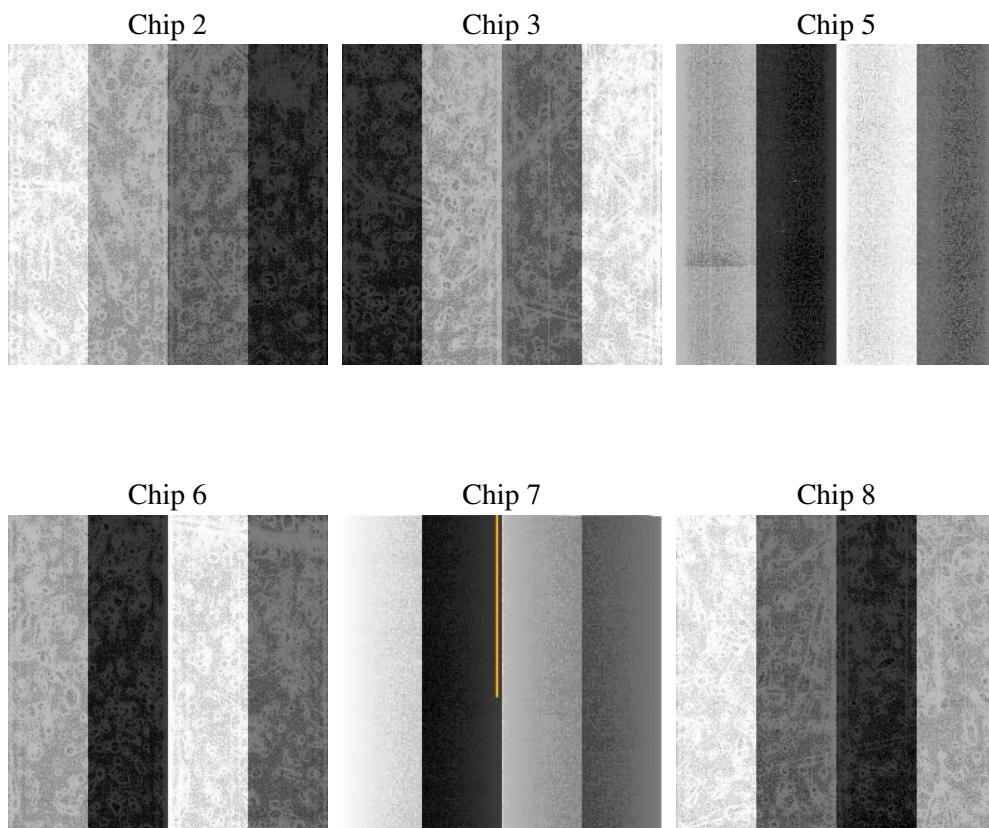
2 OBI

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	2006-09-22T17:28:51
revision	2

sched_exp_time	22800.000000
ontime	22768.02487421
ontime2	22768.024844259
ontime3	22764.783903897
ontime5	22768.024844259
ontime6	22768.024844259
ontime7	22768.02487421
ontime8	22768.024844259
l1events	1149392

2.1.4 Events

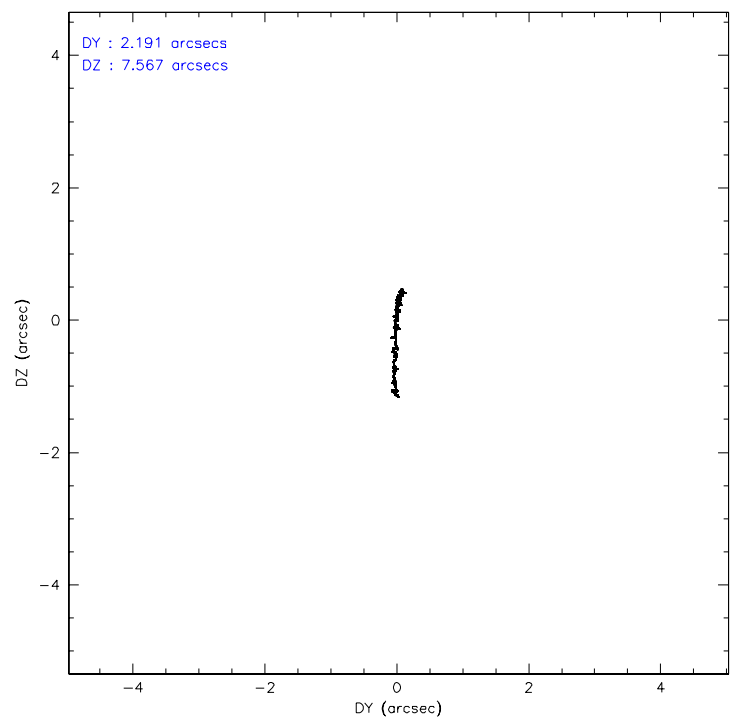
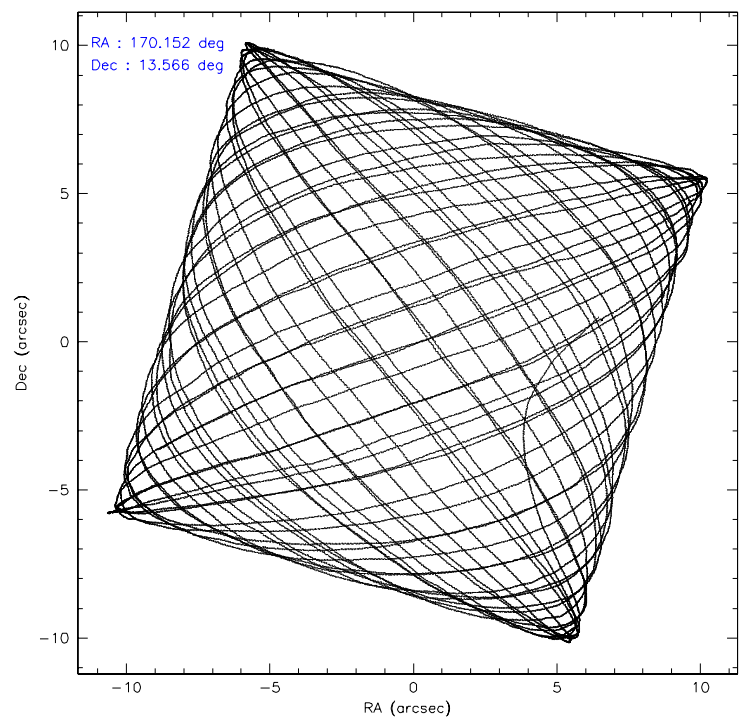
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	165745	158672	230429	161650	203589	229307
rejected events	144662	138634	125819	141196	123482	157184
rejected %	87%	87%	54%	87%	60%	68%

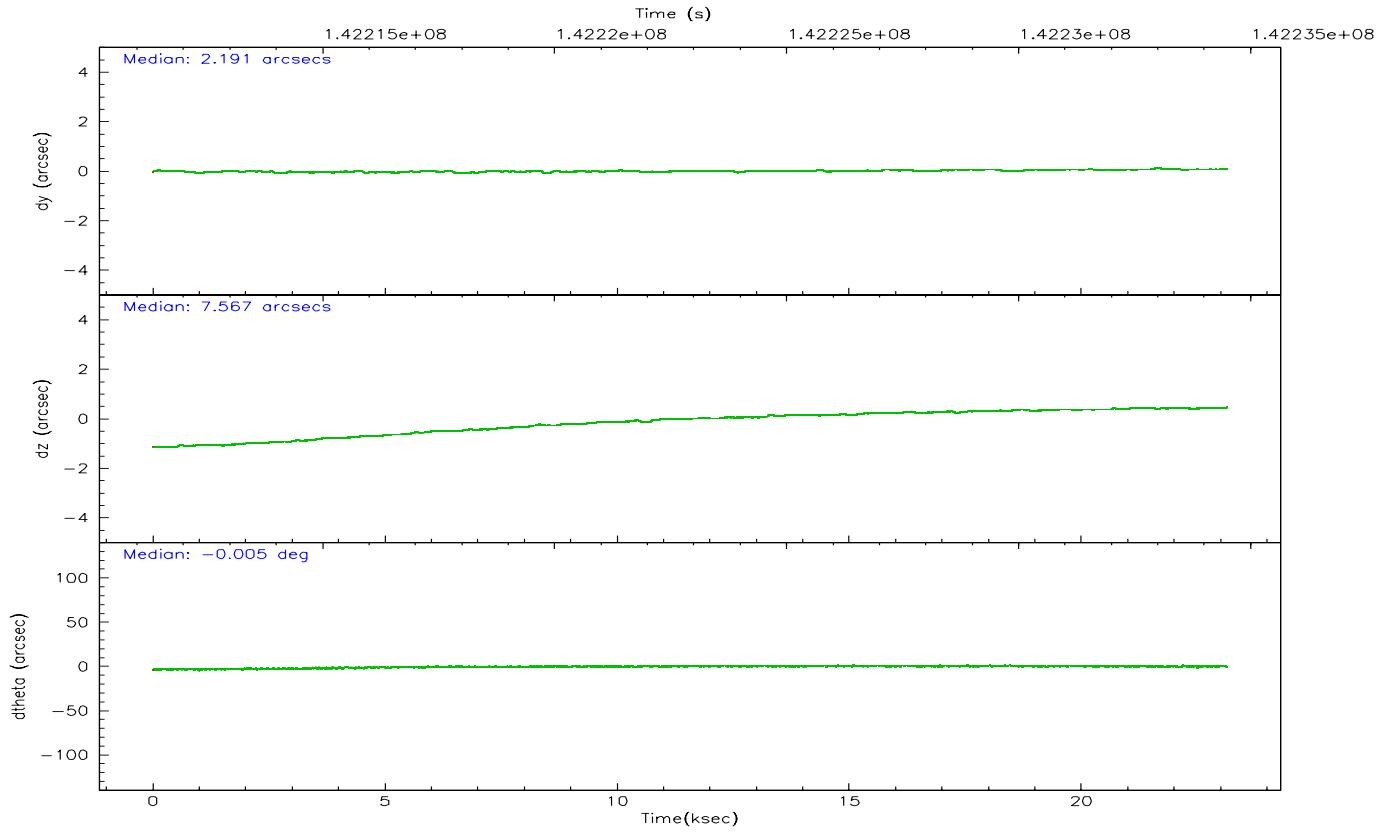
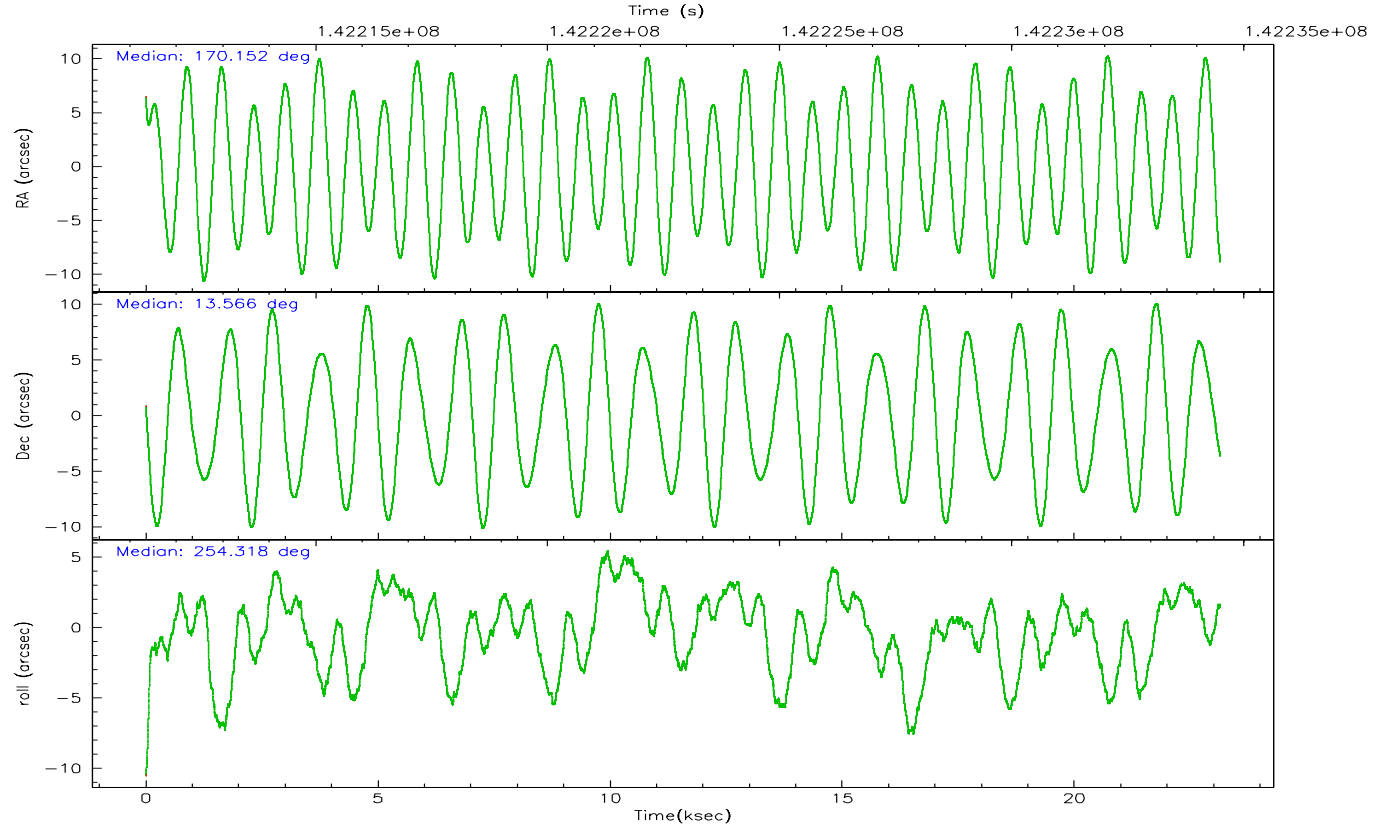
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9089	8118	14322	8149	5449	24788
	5%	5%	6%	5%	2%	10%
grade 1 events	99	64	991	78	133	214
	0%	0%	0%	0%	0%	0%
grade 2 events	4887	4577	30397	4605	19647	11594
	2%	2%	13%	2%	9%	5%
grade 3 events	1620	1642	2459	1754	4271	11322
	0%	1%	1%	1%	2%	4%
grade 4 events	1725	1773	2400	1762	4401	10270
	1%	1%	1%	1%	2%	4%
grade 5 events	5524	6179	10650	6635	13808	8832
	3%	3%	4%	4%	6%	3%
grade 6 events	3765	3930	55044	4187	46353	14158
	2%	2%	23%	2%	22%	6%
grade 7 events	139036	132389	114166	134480	109527	148129
	83%	83%	49%	83%	53%	64%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	170.144627	170.1519213915291	Subarray requested	NONE	NONE
Pointing Dec	13.592021	13.56571372890077	Alternating exposures requested	N	N
Pointing Roll	254.167542	254.3224540138772	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	142211689.184000	142210659.19799			
Observation start date	2002-07-04T23:13:45	2002-07-04T22:57:39			
Observation end time	142234489.184000	142236120.71153			
Observation end date	2002-07-05T05:33:45	2002-07-05T06:02:00			
Read mode	TIMED	TIMED			

2.3 Aspect



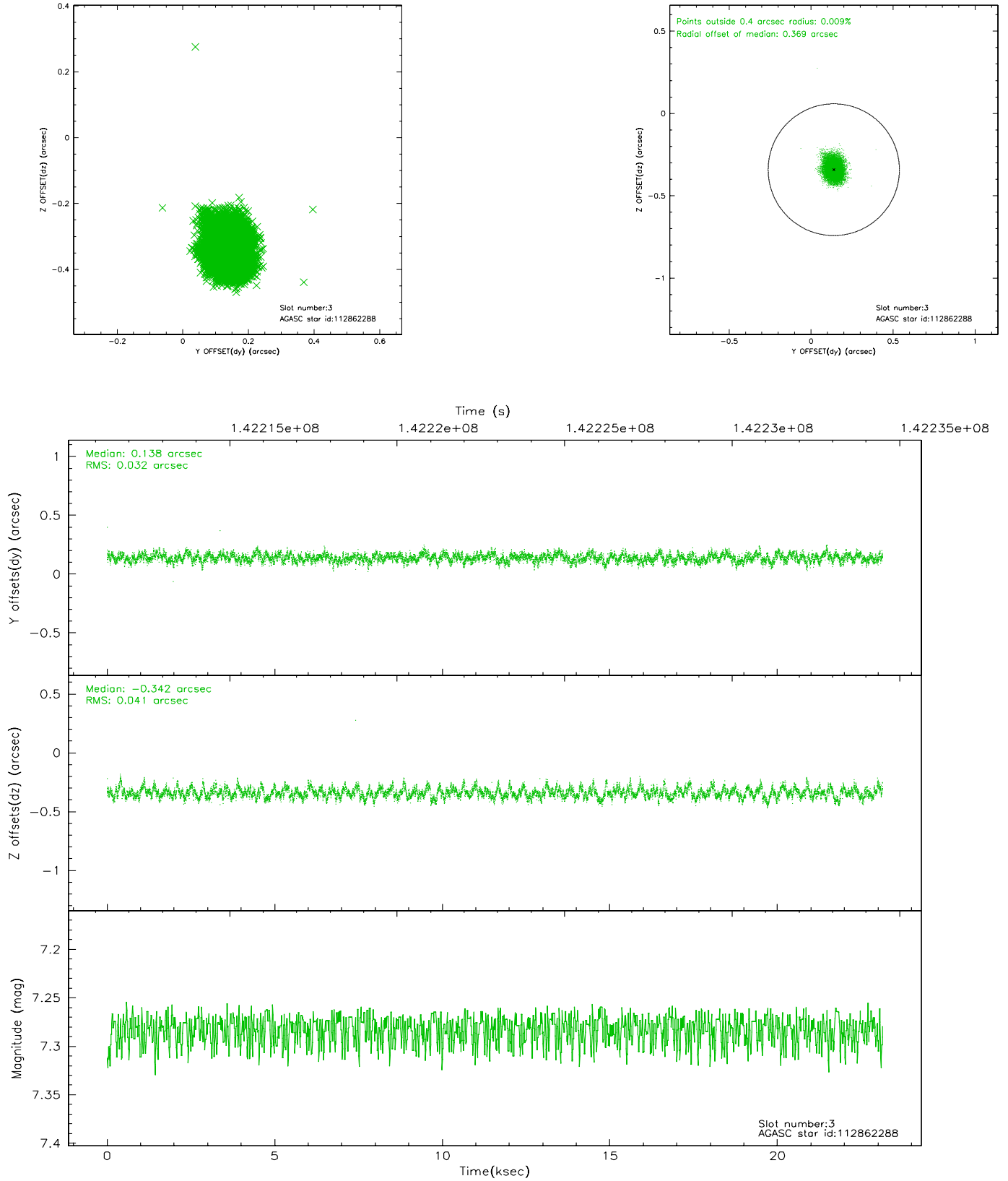


Slot Statistics

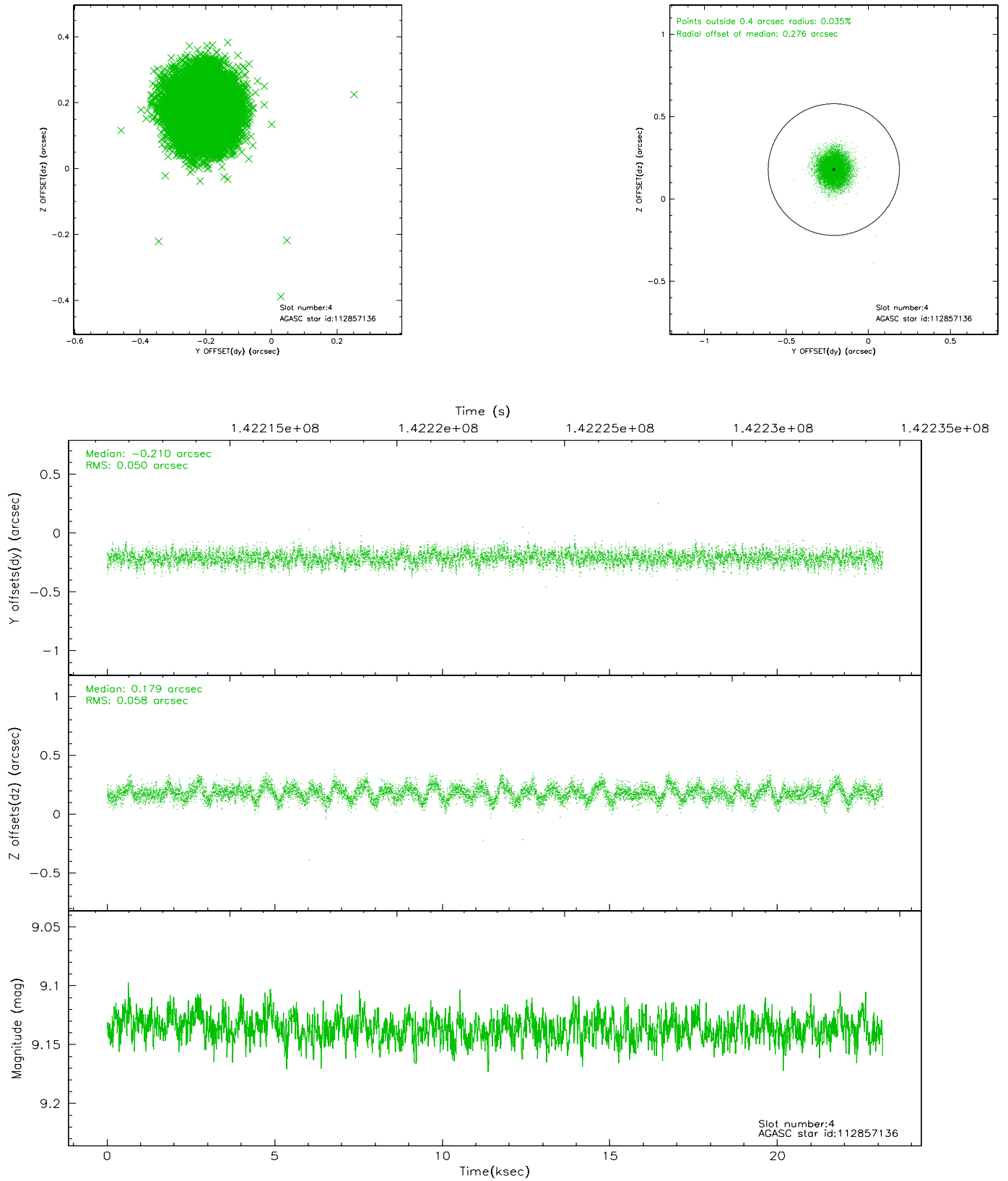
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	5644	0.016	-0.017	0.019	0.025	0.000000	0.000000	941.22	-1724.19
1	FID	ACIS-S-5	7.24	5644	0.020	0.035	0.011	0.024	0.000000	0.000000	-1807.67	173.30
2	FID	ACIS-S-6	7.35	5645	-0.057	-0.007	0.027	0.037	0.000000	0.000000	406.58	817.36
3	GUIDE	112862288	7.28	11283	0.138	-0.342	0.055	0.091	169.777560	13.390753	1047.29	-1039.22
4	GUIDE	112857136	9.14	11276	-0.210	0.179	0.082	0.130	170.586186	13.944462	-1642.92	1138.07
5	GUIDE	112862424	9.42	11281	-0.056	0.126	0.077	0.125	170.459633	13.475243	102.81	1176.09
6	GUIDE	112857720	9.38	11280	-0.008	-0.062	0.094	0.154	169.841312	13.775016	-344.75	-1199.83
7	GUIDE	112862568	9.61	11276	0.136	0.098	0.117	0.190	170.030630	13.021719	2084.49	175.97

2.4 Star Slots

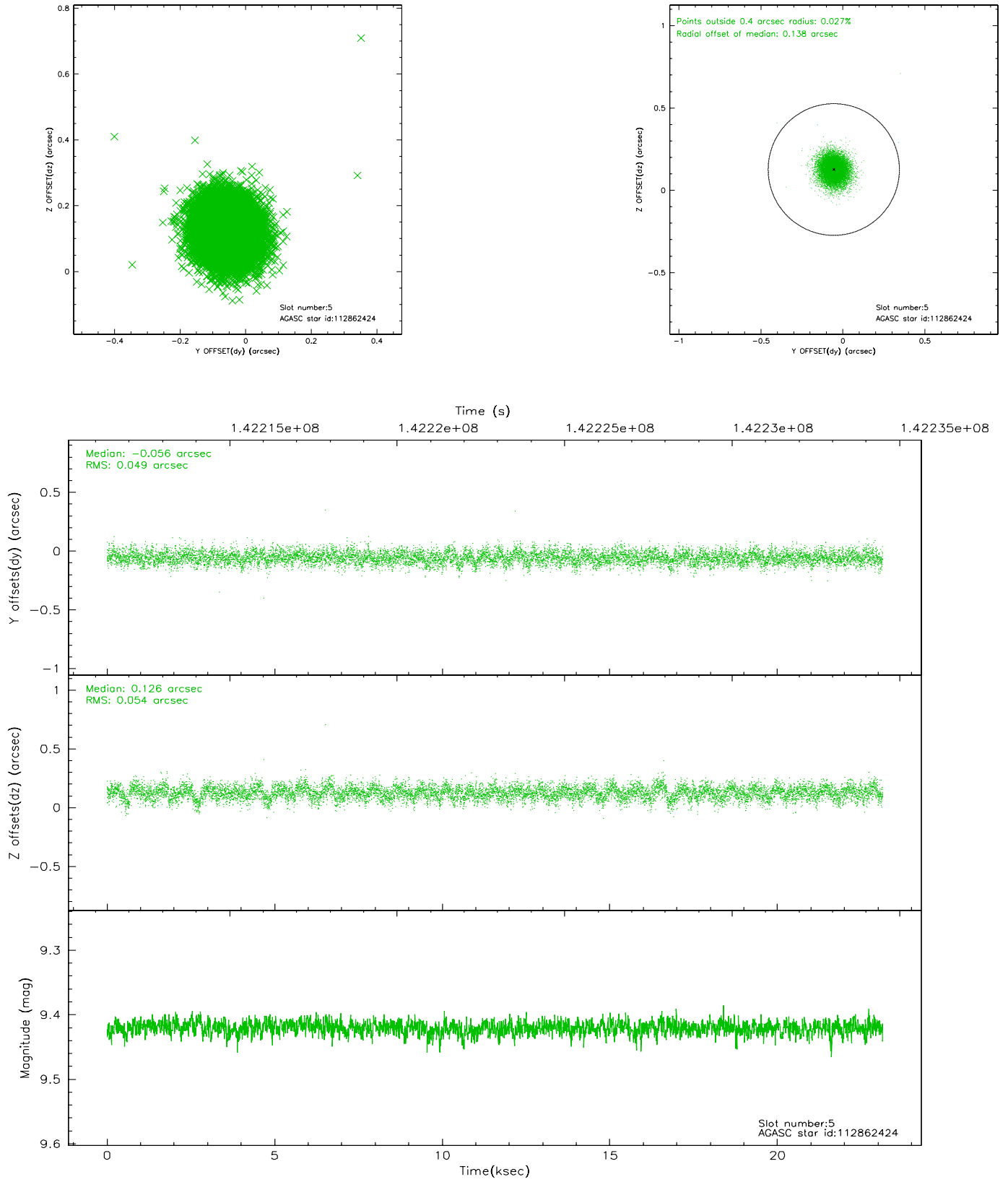
2.4.1 Slot 3



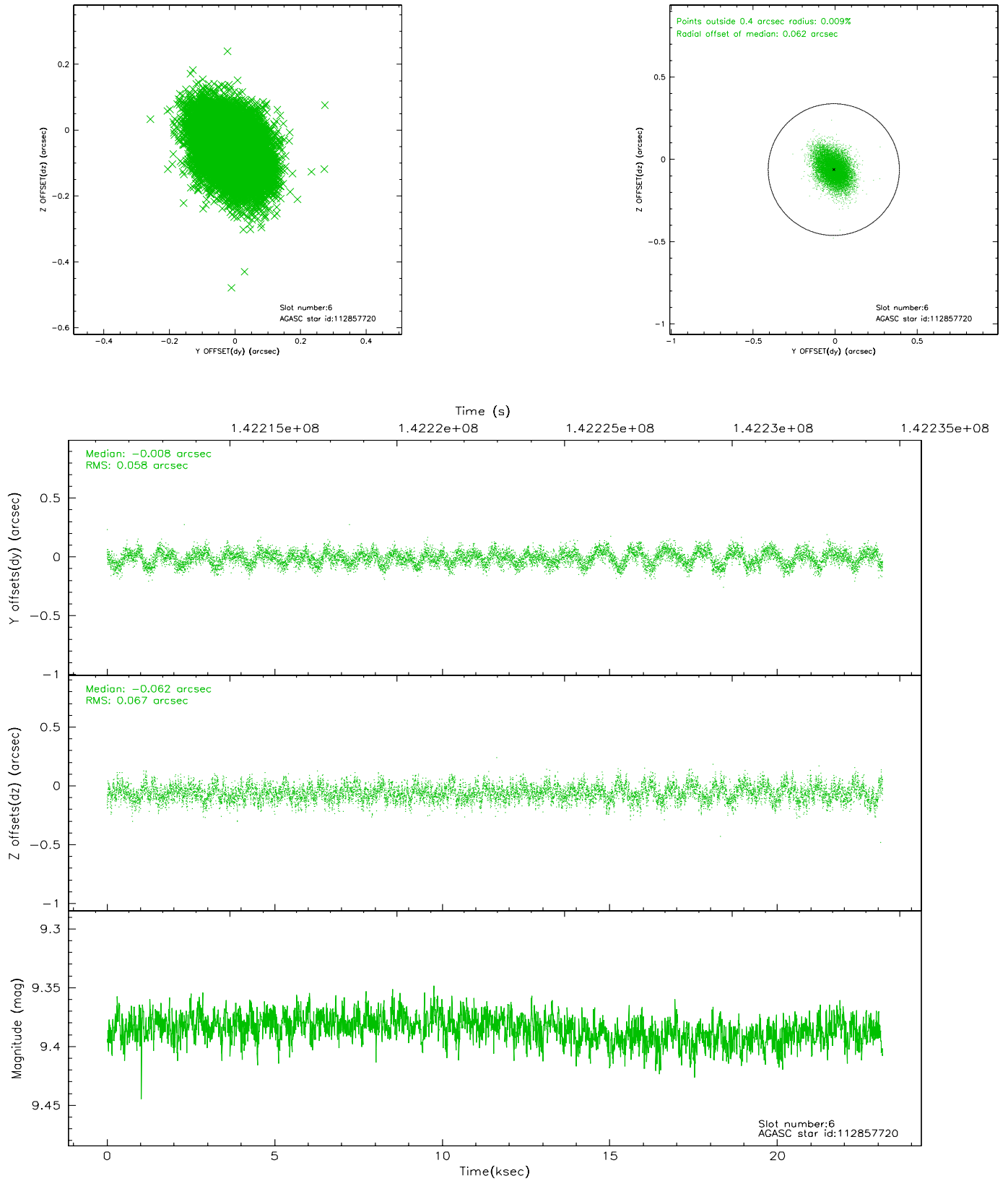
2.4.2 Slot 4



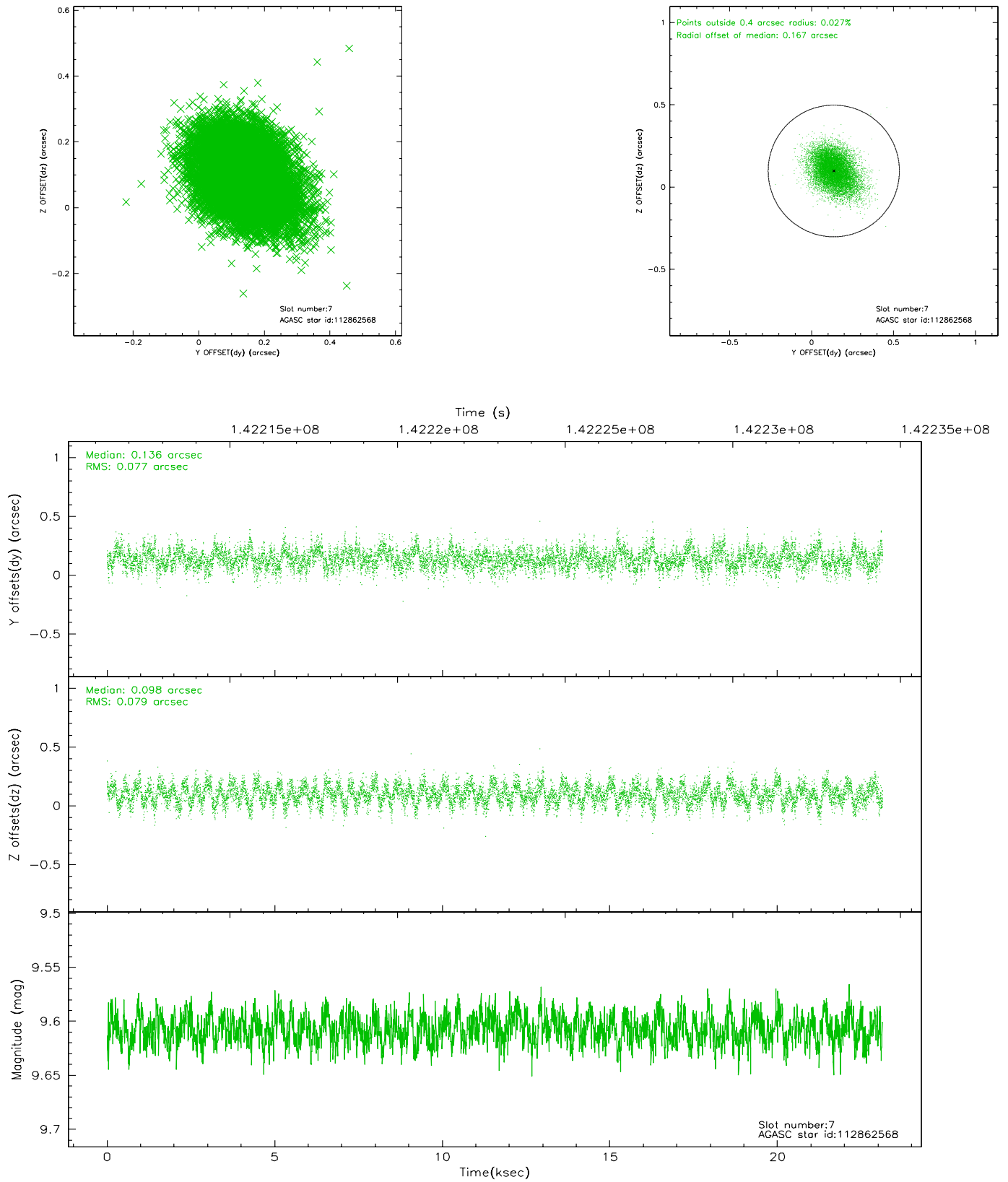
2.4.3 Slot 5



2.4.4 Slot 6

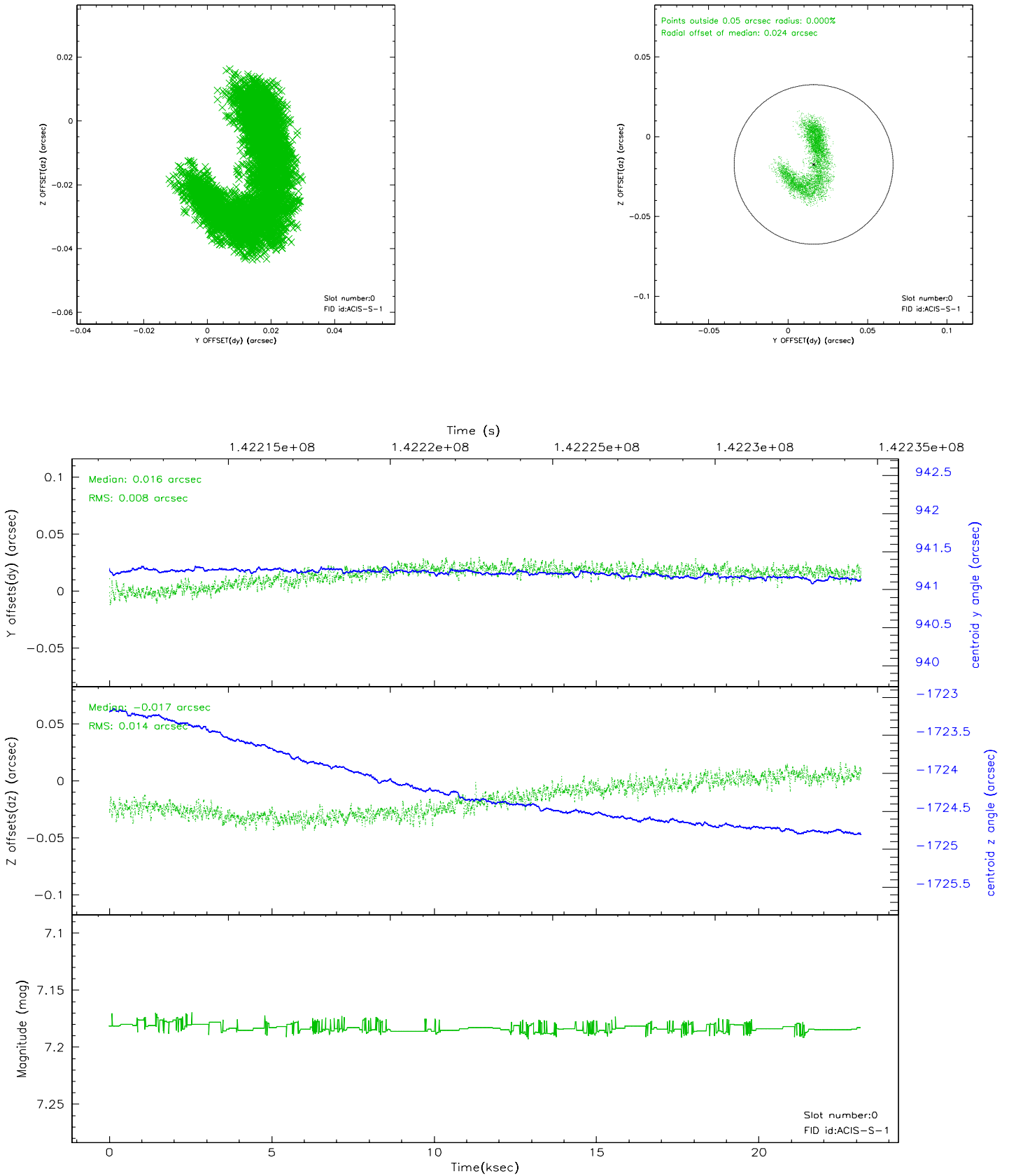


2.4.5 Slot 7

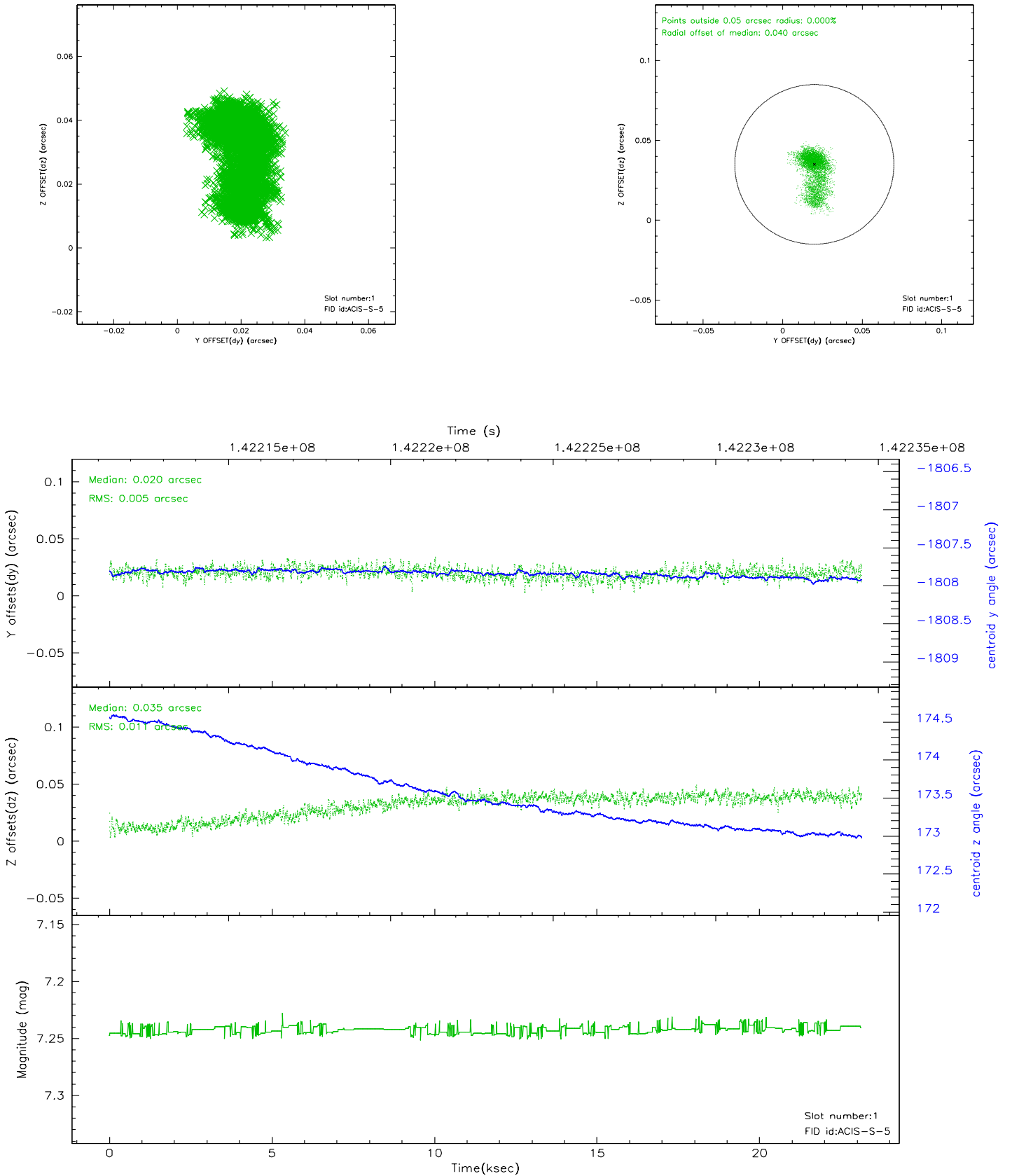


2.5 FID Slots

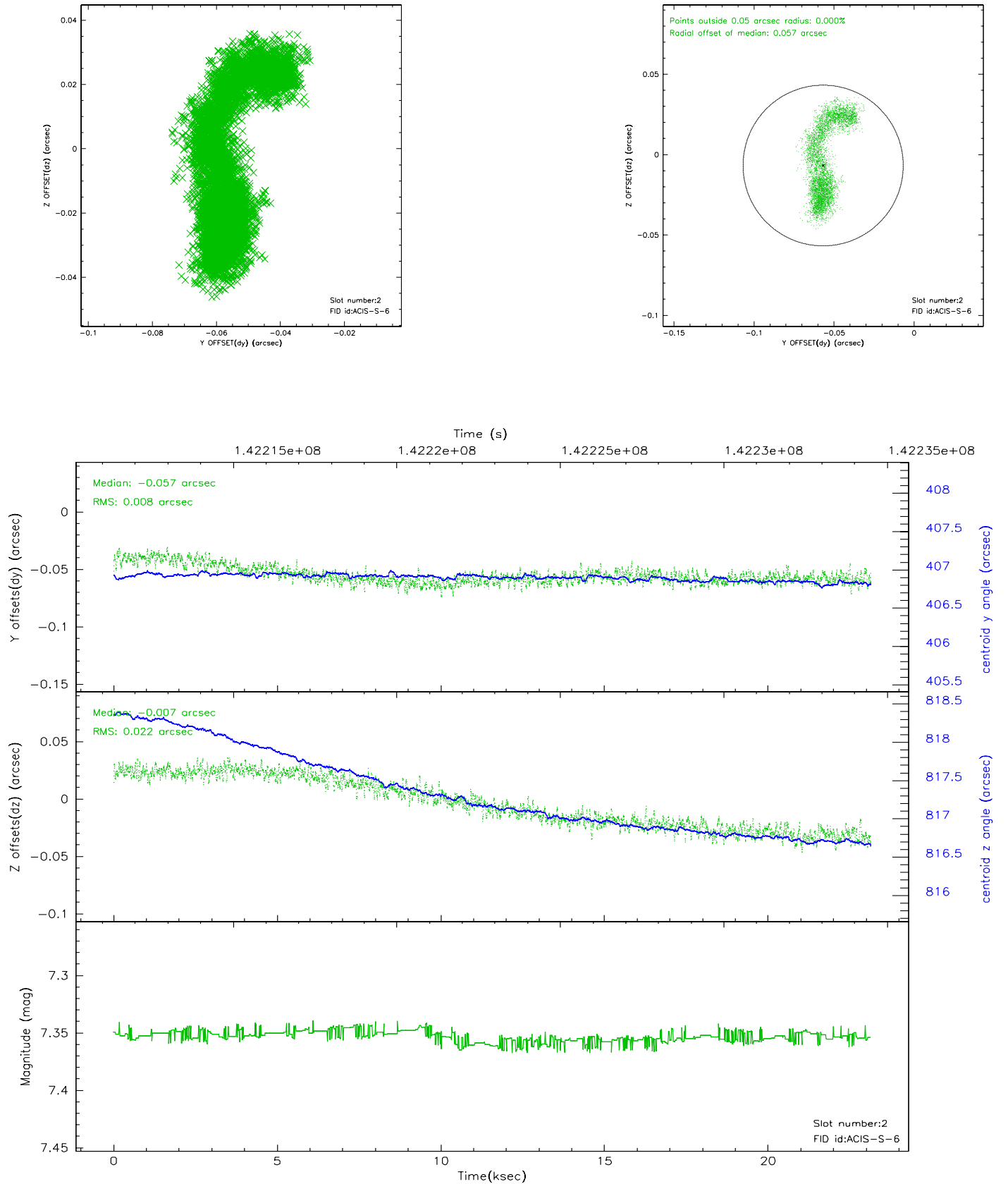
2.5.1 Slot 0



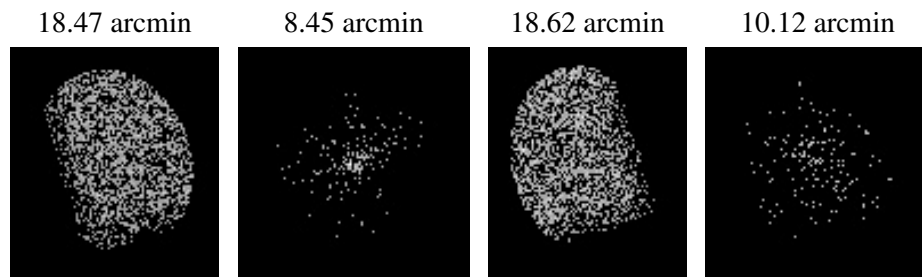
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.764

A.2 Comments