

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4825 - L2 Version 001
Chandra X-Ray Center

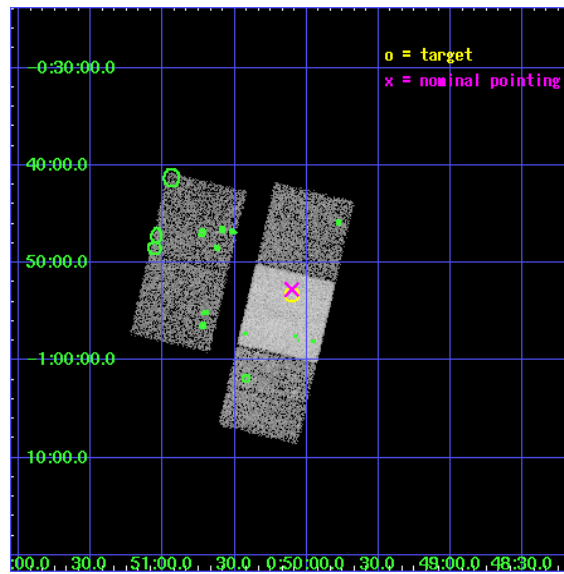
L2 Processing Date : Apr 19 2006

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1 Front

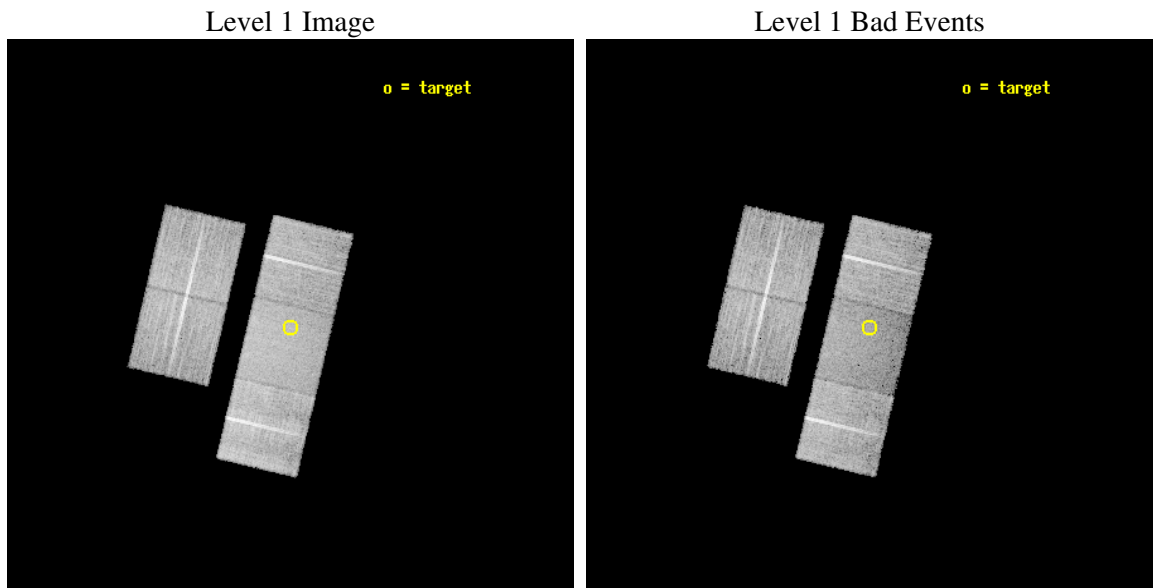
seq_num	700907
obs_id	4825
title	Destroying Degeneracy: Spanning the Luminosity Range for Radio-Quiet Quasars at z=4
observer	Dr. Jill Bechtold
object	SDS 0050-0053
dtcycle	0
cycle	P
ra_targ	12.52625
dec_targ	-0.888611
ra_nom	12.525715014424
dec_nom	-0.87900165111001
roll_nom	103.3373478337
revision	2
ontime	13181.199974656
livetime	13008.977893129
ontime2	13181.199974656
ontime3	13181.199974656
ontime6	13171.777073711
ontime7	13181.199974656
ontime8	13178.059074044
l2events	66041



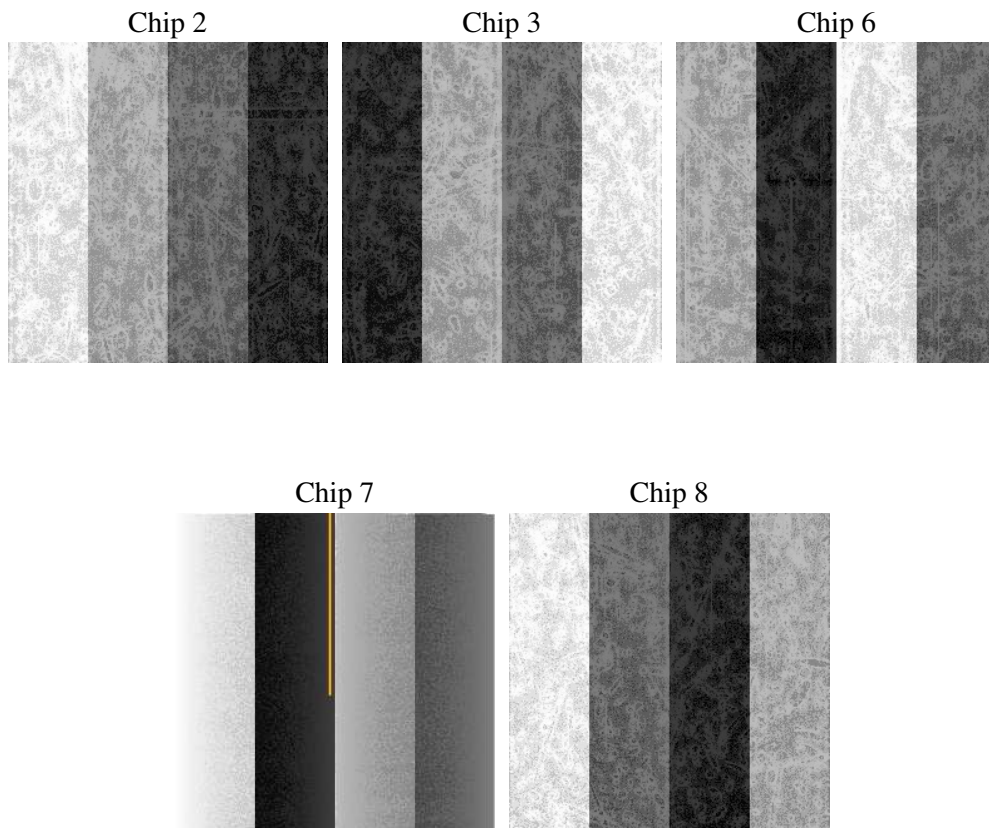
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-19T07:55:12
revision	2

sched_exp_time	13000.000000
ontime	13201.667758524
ontime2	13201.667738616
ontime3	13201.667738616
ontime6	13192.244857579
ontime7	13201.667758524
ontime8	13198.526838005
llevents	455877

2.1.4 Events

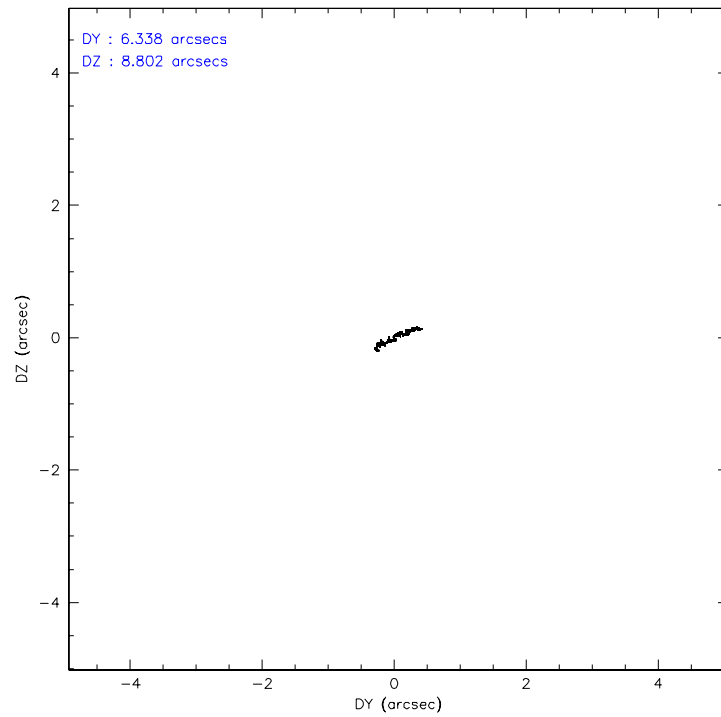
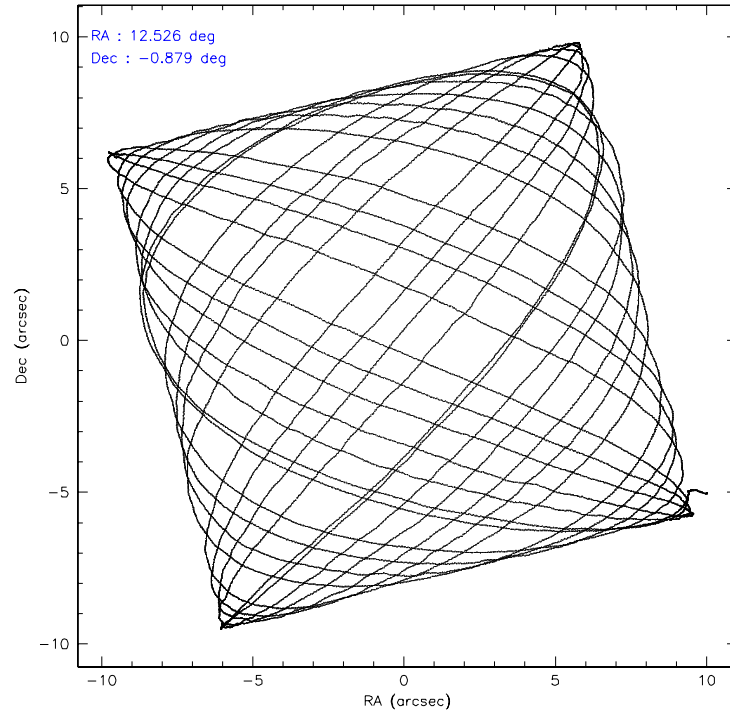
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	87767	83627	84820	90983	108680
rejected events	79731	76283	76565	52969	84065
rejected %	90%	91%	90%	58%	77%

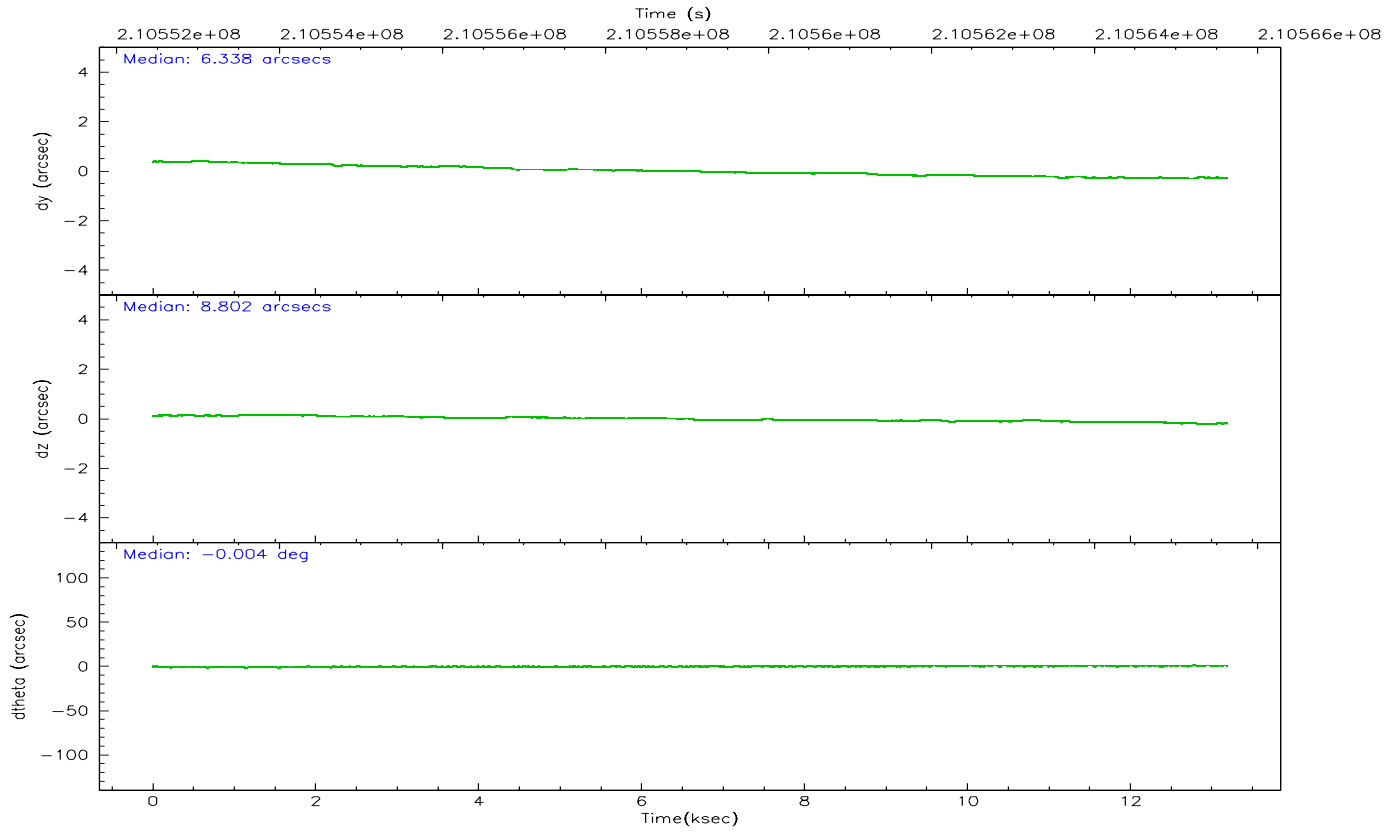
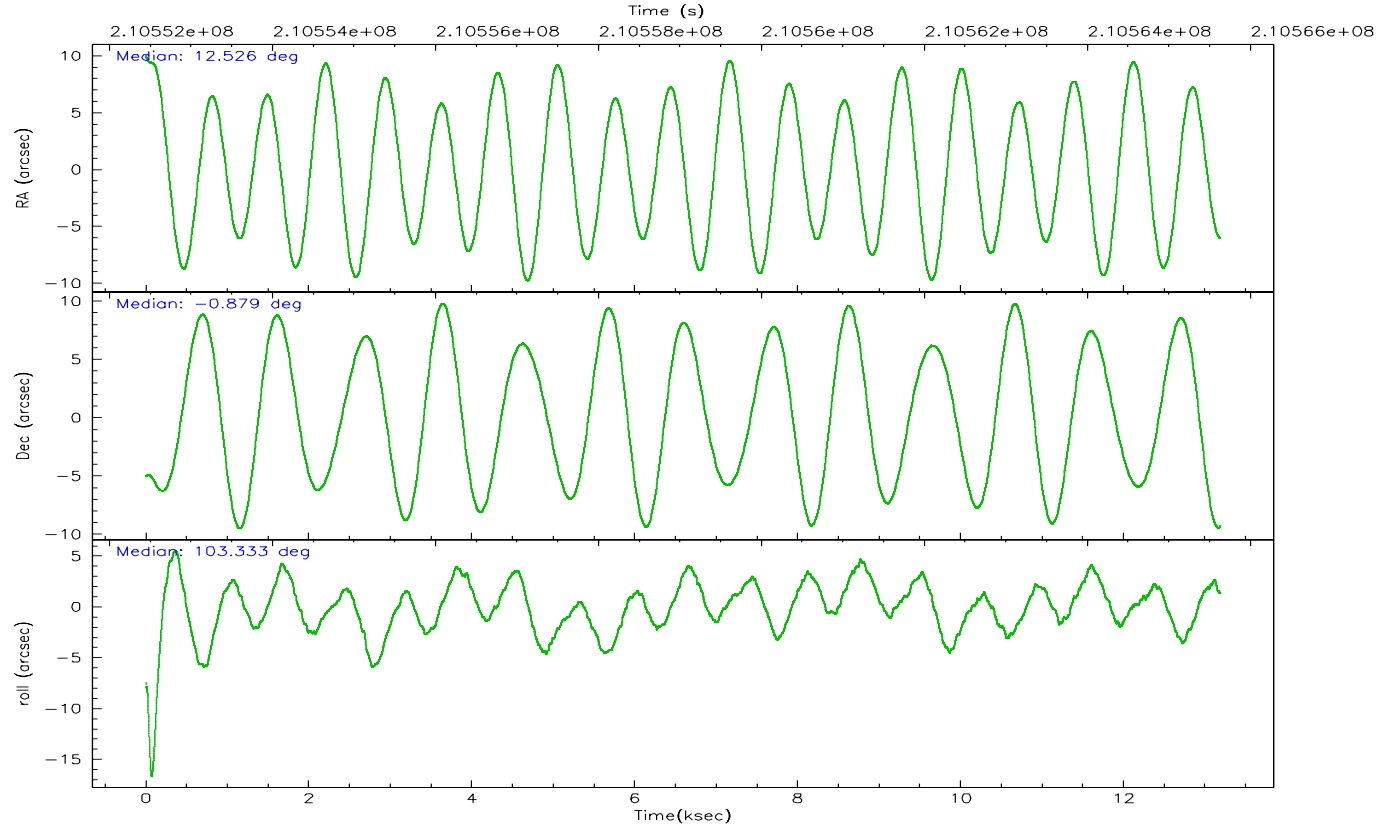
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2932	2550	2831	2245	7192
	3%	3%	3%	2%	6%
grade 1 events	44	52	40	52	73
	0%	0%	0%	0%	0%
grade 2 events	1887	1623	1739	9281	5413
	2%	1%	2%	10%	4%
grade 3 events	920	881	934	2261	2725
	1%	1%	1%	2%	2%
grade 4 events	853	873	956	2187	2576
	0%	1%	1%	2%	2%
grade 5 events	2672	3201	3335	7042	4749
	3%	3%	3%	7%	4%
grade 6 events	1457	1430	1806	22096	6741
	1%	1%	2%	24%	6%
grade 7 events	77002	73017	73179	45819	79211
	87%	87%	86%	50%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	12.544661	12.52571501442369	Alternating exposures requested	N	N
Pointing Dec	-0.898509	-0.8790016511100055	Primary exposure time	0.000000	3.1
Pointing Roll	103.181002	103.3373478336952			
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	210552636.184000	210551626.92202			
Observation start date	2004-09-02T22:49:32	2004-09-02T22:33:46			
Observation end time	210565636.184000	210566057.89767			
Observation end date	2004-09-03T02:26:12	2004-09-03T02:34:17			
Read mode	TIMED	TIMED			

2.3 Aspect



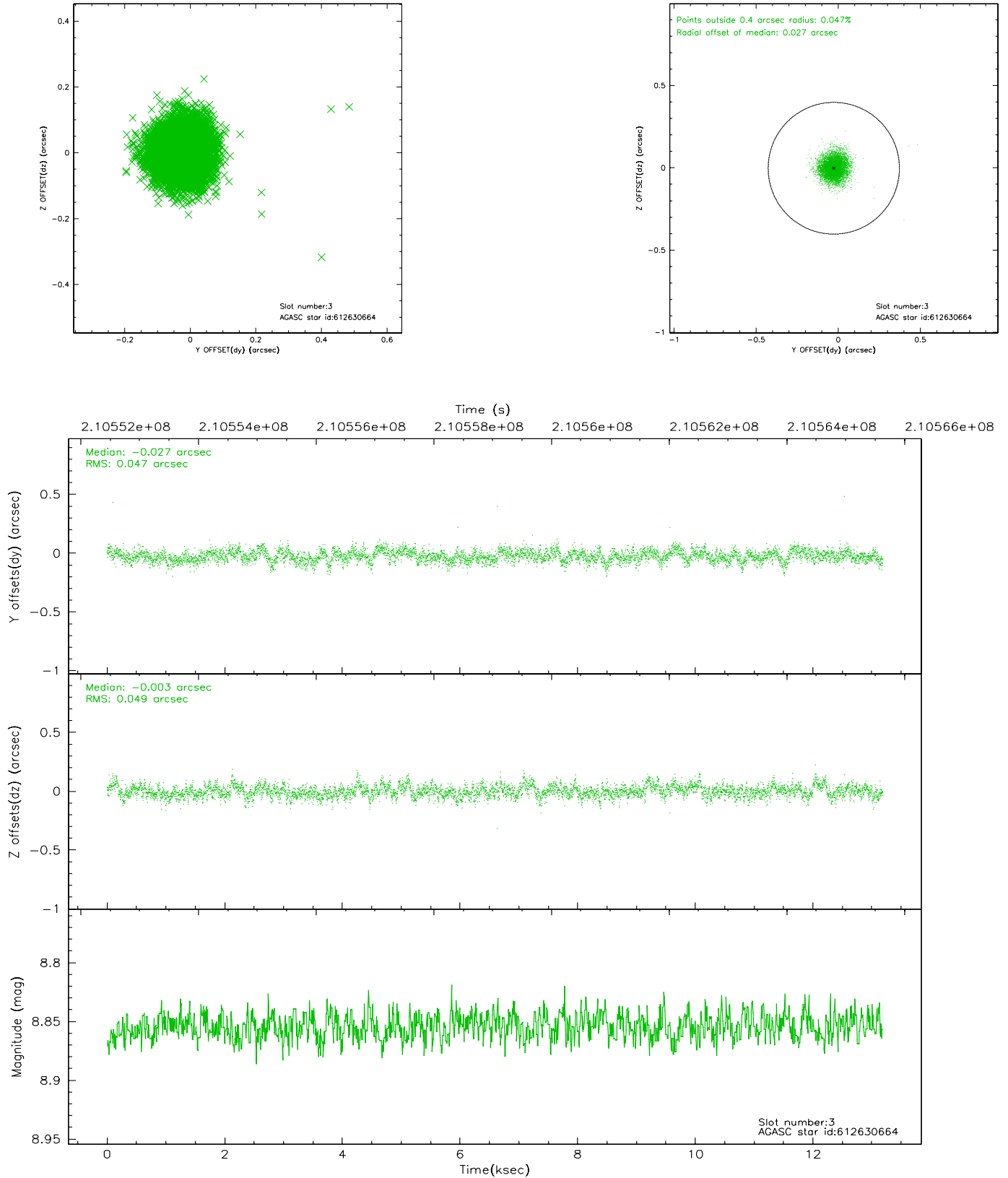


Slot Statistics

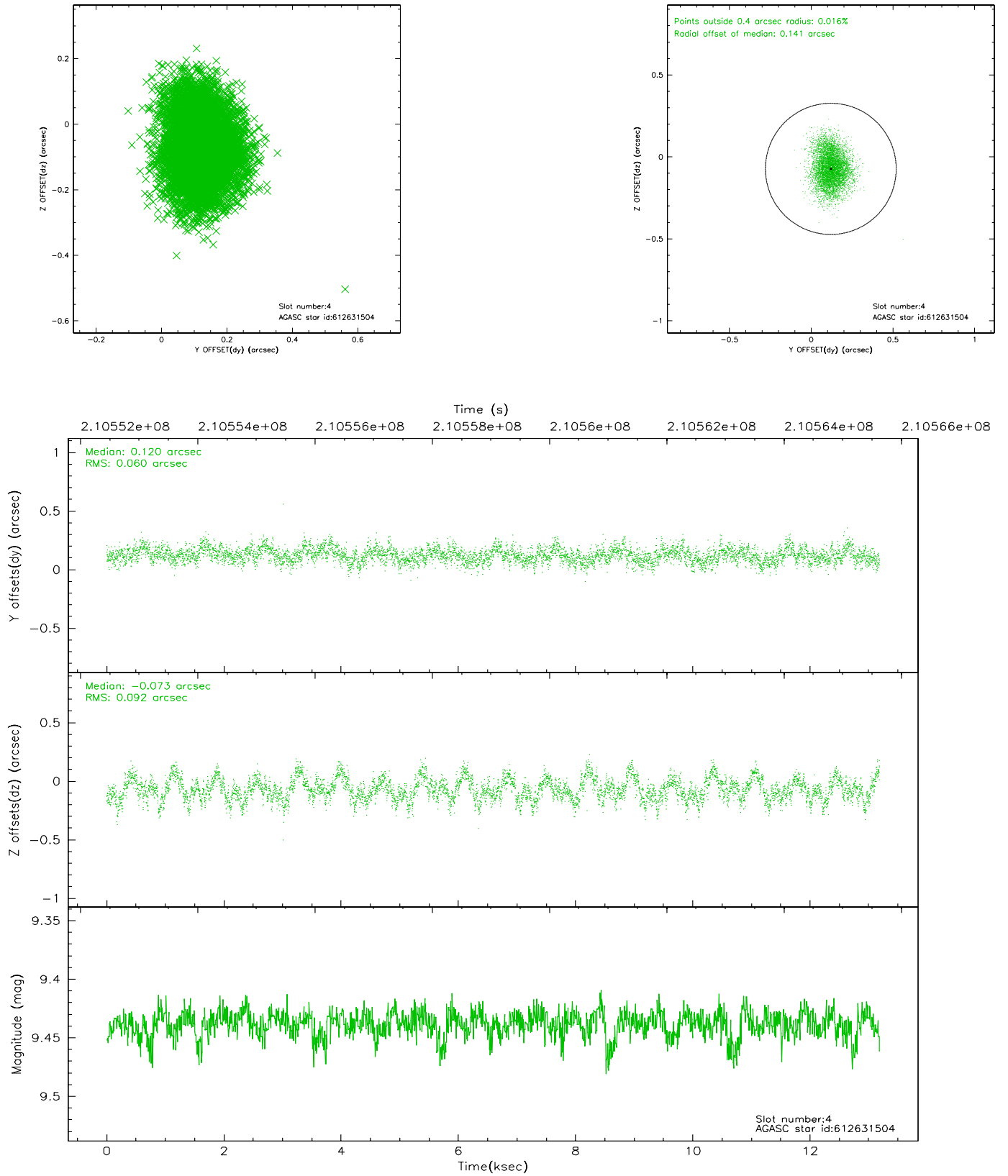
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3216	-0.036	-0.029	0.013	0.024	0.000000	0.000000	-759.13	-1729.98
1	FID	ACIS-S-4	7.20	3216	0.053	0.026	0.014	0.031	0.000000	0.000000	2154.07	178.16
2	FID	ACIS-S-5	7.23	3216	-0.046	0.011	0.011	0.020	0.000000	0.000000	-1811.50	172.25
3	GUIDE	612630664	8.85	6431	-0.027	-0.003	0.072	0.116	12.819163	-0.535703	1046.94	-1259.65
4	GUIDE	612631504	9.44	6429	0.120	-0.073	0.116	0.190	12.867412	-1.284411	-1616.68	-814.38
5	GUIDE	612632448	9.48	6362	0.008	0.050	0.097	0.157	12.770487	-1.004330	-555.94	-704.37
6	GUIDE	612633056	9.39	6431	-0.030	0.013	0.109	0.178	13.071720	-0.364507	1439.56	-2285.62
7	GUIDE	612633288	8.51	6430	-0.072	0.013	0.071	0.116	12.908194	-0.488403	1139.70	-1610.68

2.4 Star Slots

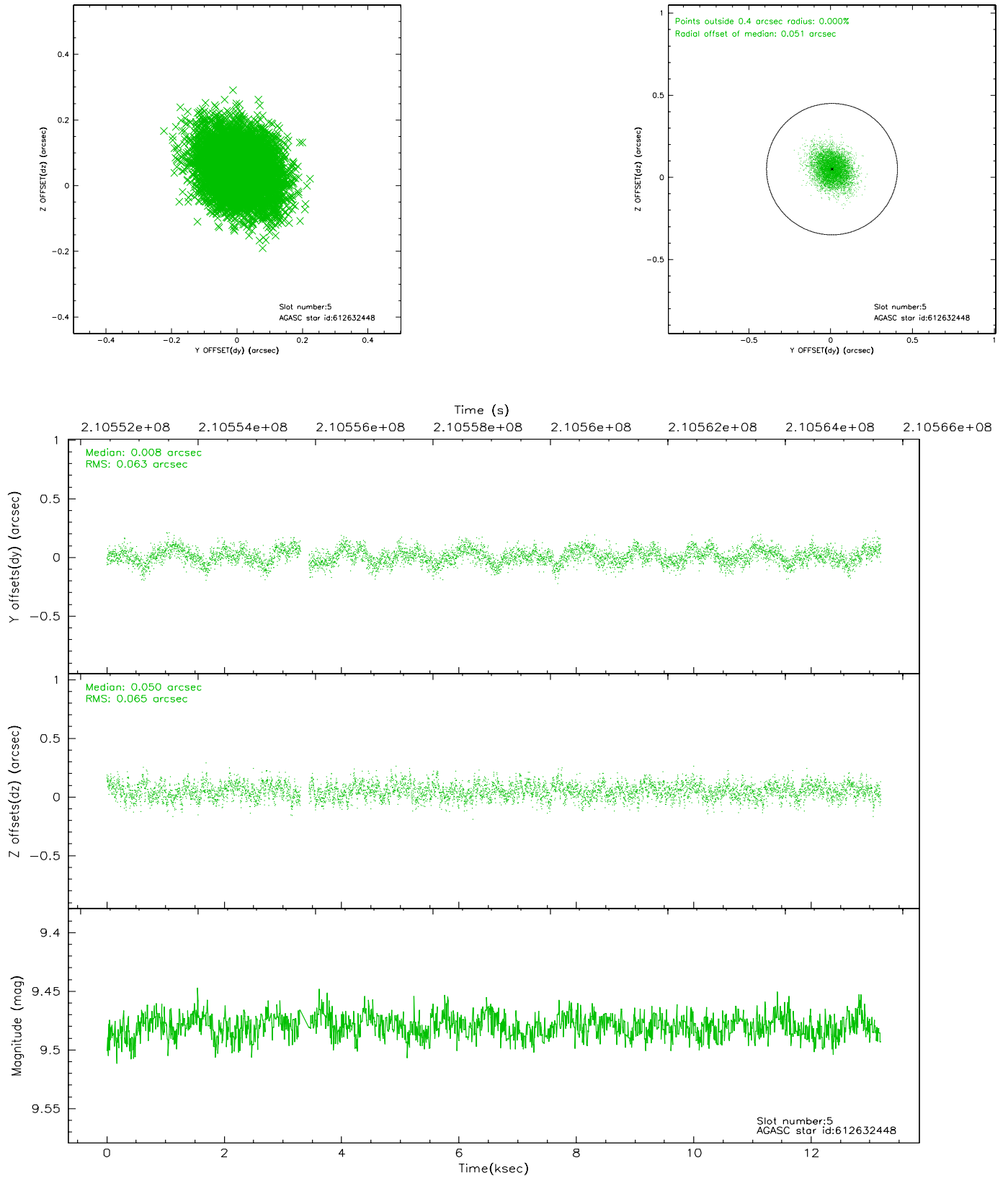
2.4.1 Slot 3



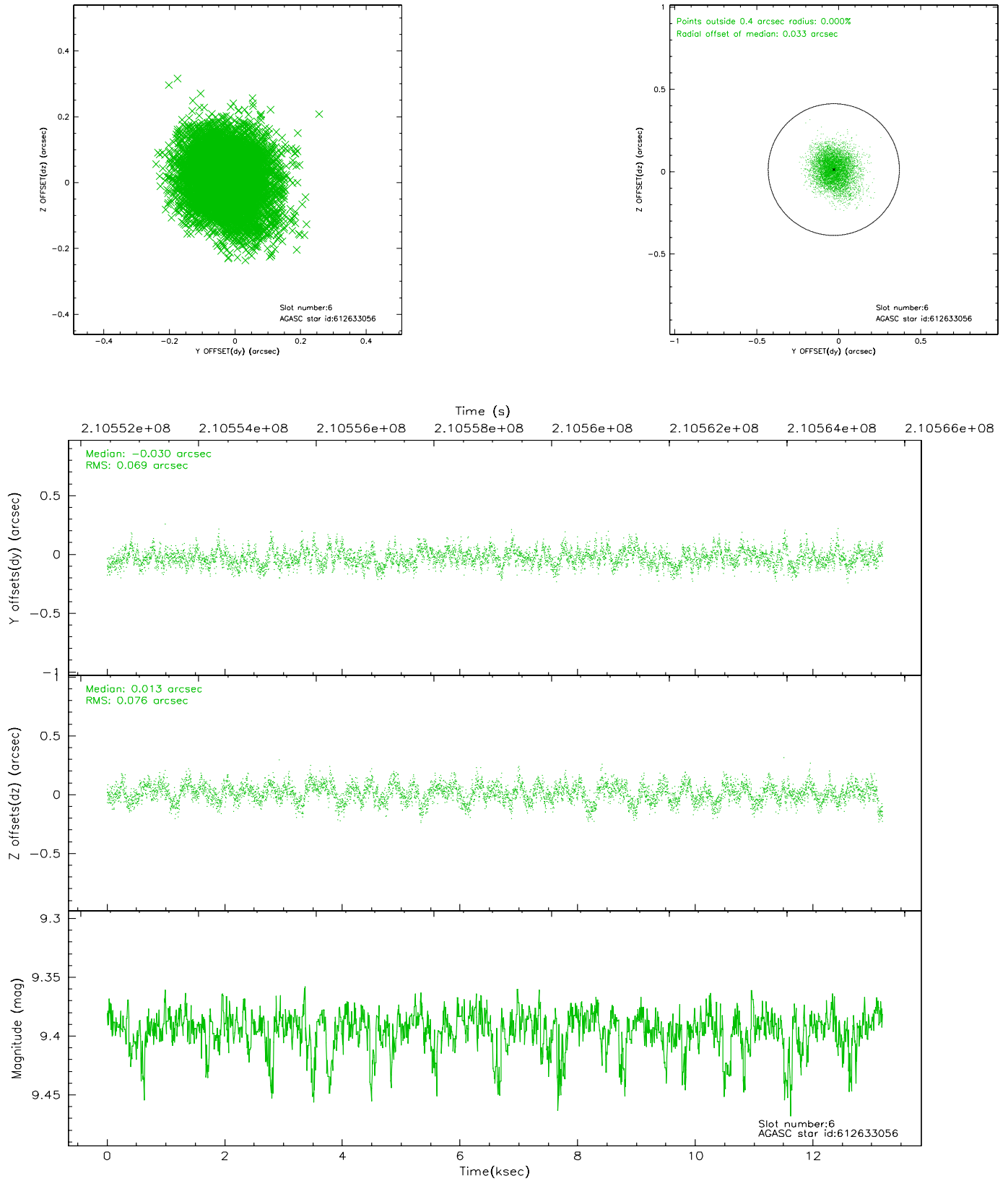
2.4.2 Slot 4



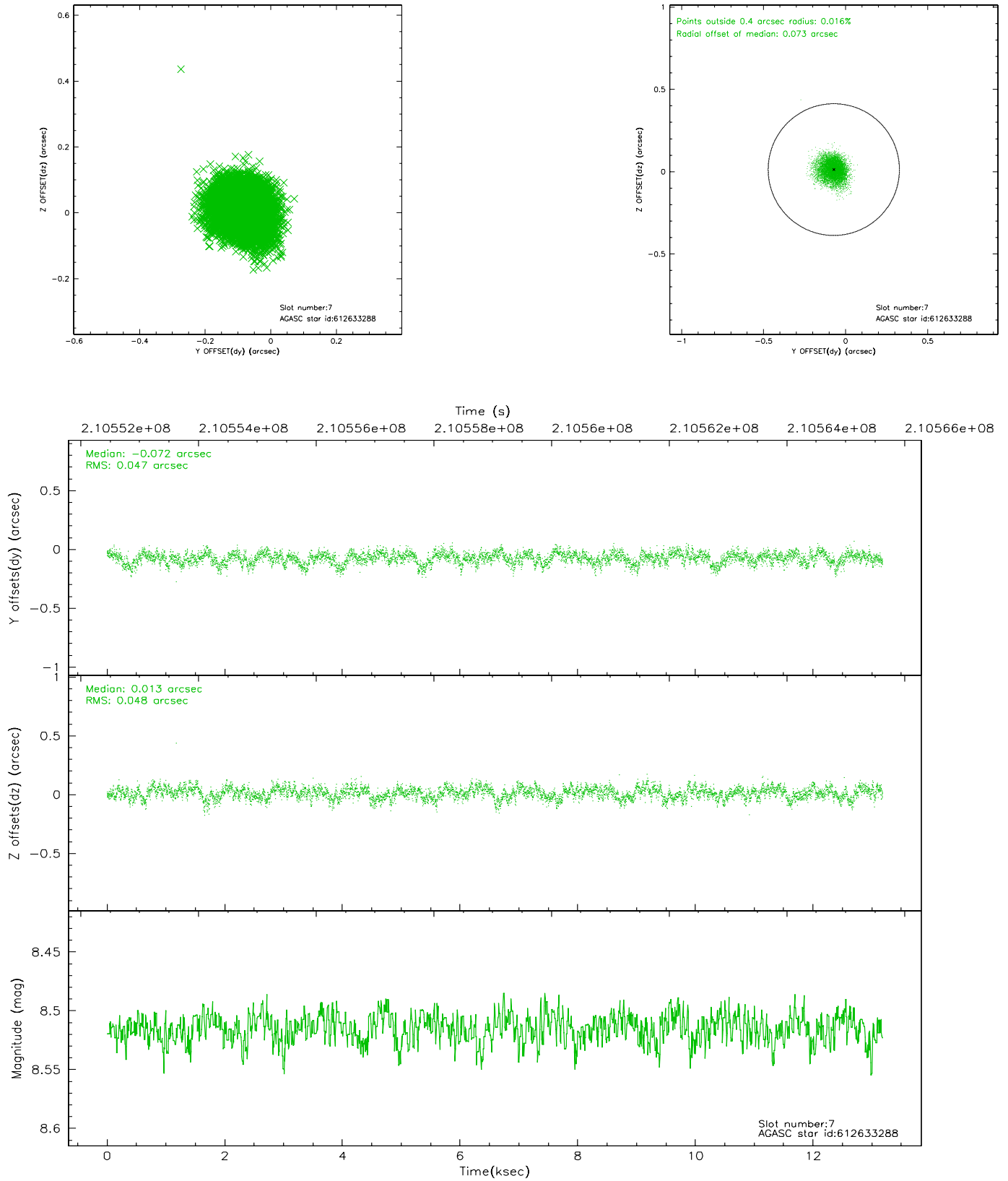
2.4.3 Slot 5



2.4.4 Slot 6

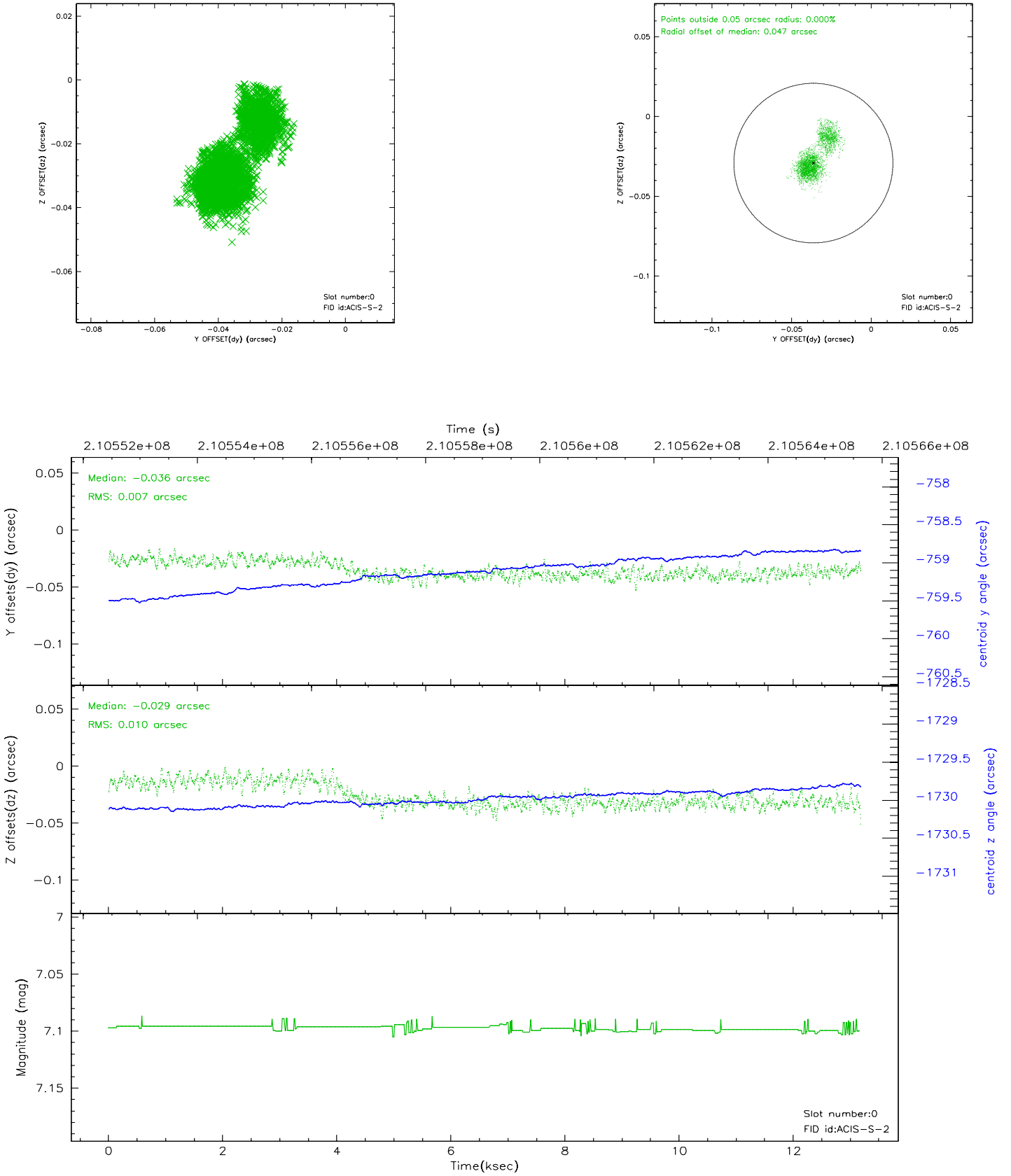


2.4.5 Slot 7

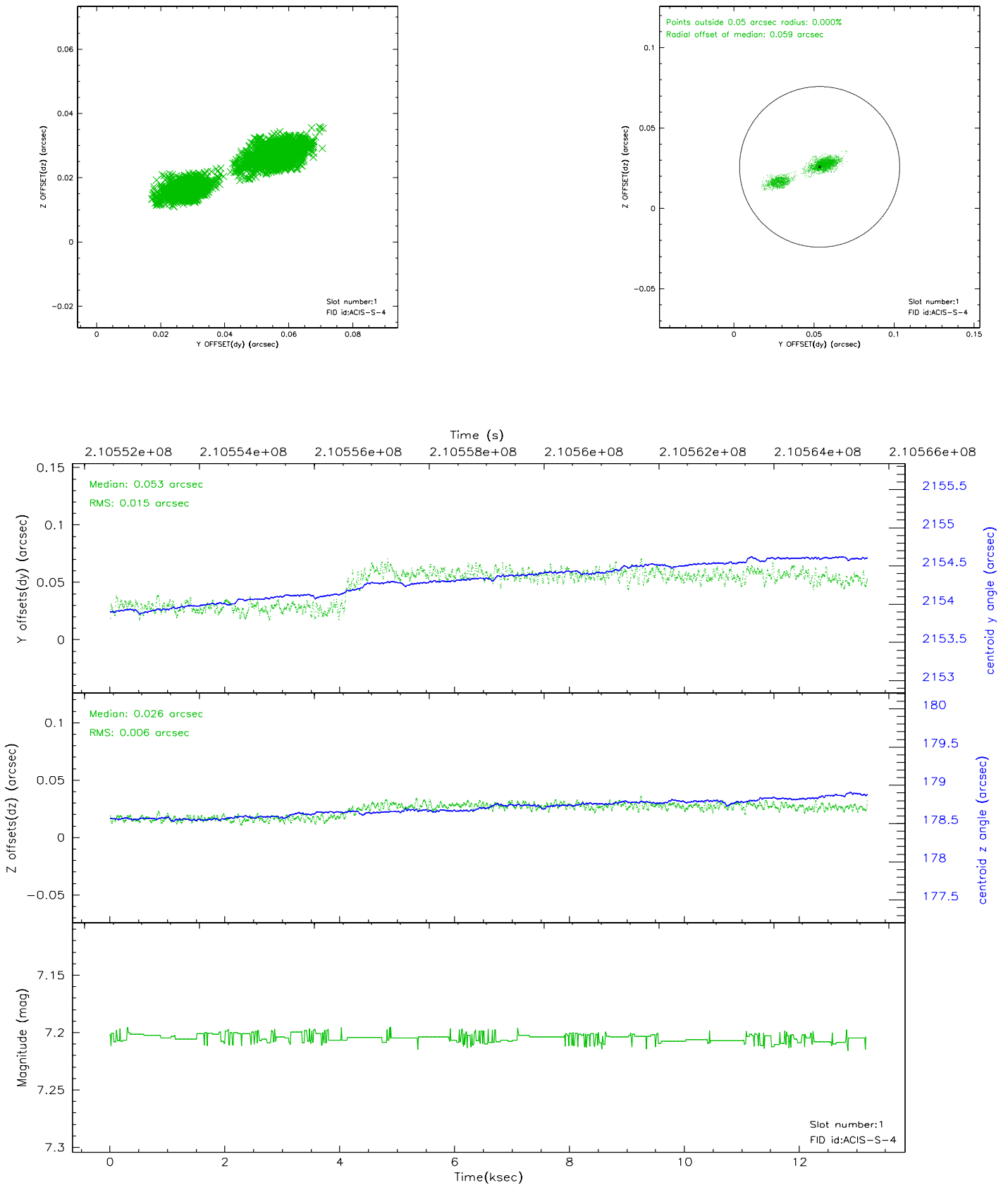


2.5 FID Slots

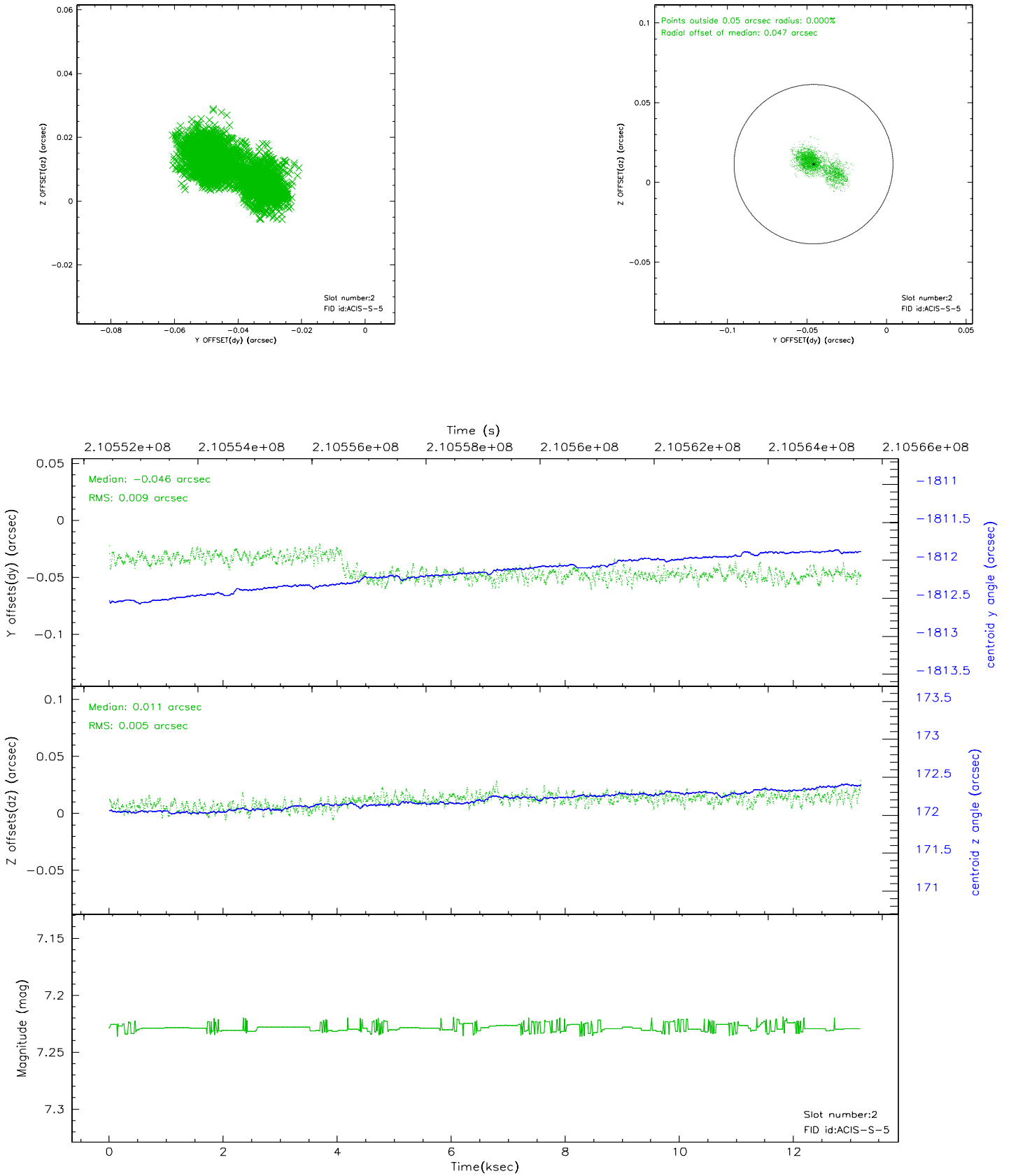
2.5.1 Slot 0



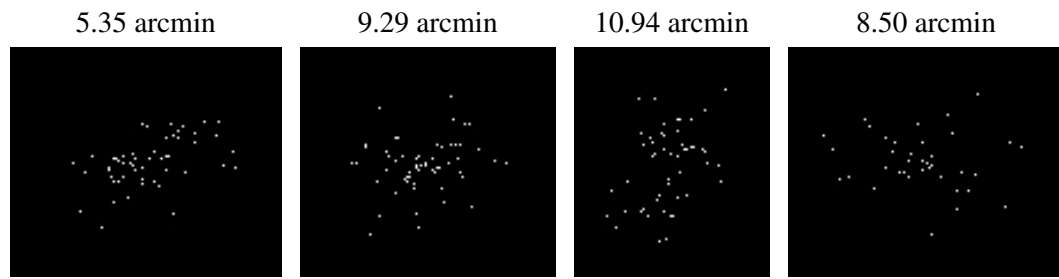
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.181

A.2 Comments