

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5653 - L2 Version 002
Chandra X-Ray Center

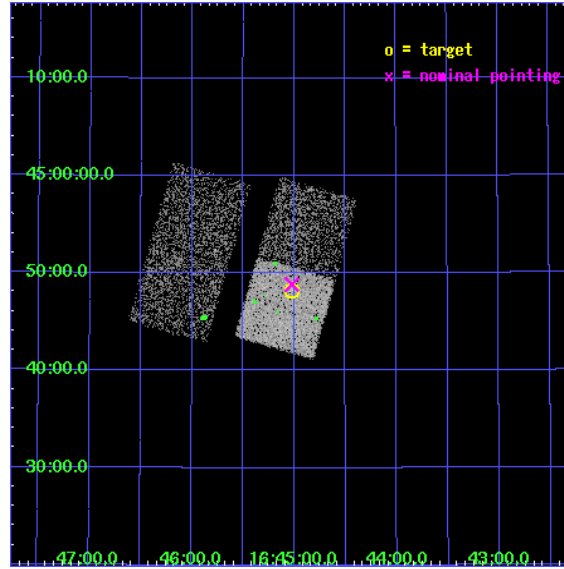
L2 Processing Date : Mar 17 2006

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1 Front

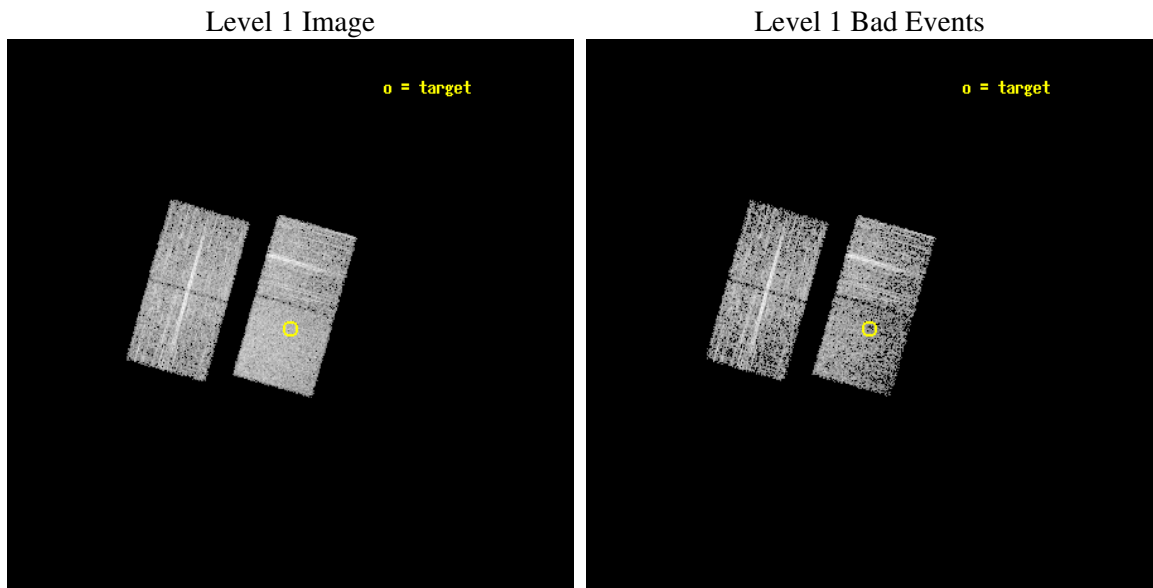
seq_num	701076
obs_id	5653
title	The Spectral Energy Distribution and Fe II Emission in Intermediate-Redshift Narrow-line Seyfert 1 Galaxies
observer	PROF. KAREN LEIGHLY
object	SDSS J164501.69+444815.5
dtcycle	0
cycle	P
ra_targ	251.257083
dec_targ	44.804306
ra_nom	251.25571127346
dec_nom	44.813947832894
roll_nom	105.99052841945
revision	2
ontime	4550.79999125
livetime	4491.3404391141
ontime2	4547.6590309143
ontime3	4550.79999125
ontime6	4550.79999125
ontime7	4550.79999125
l2events	19964



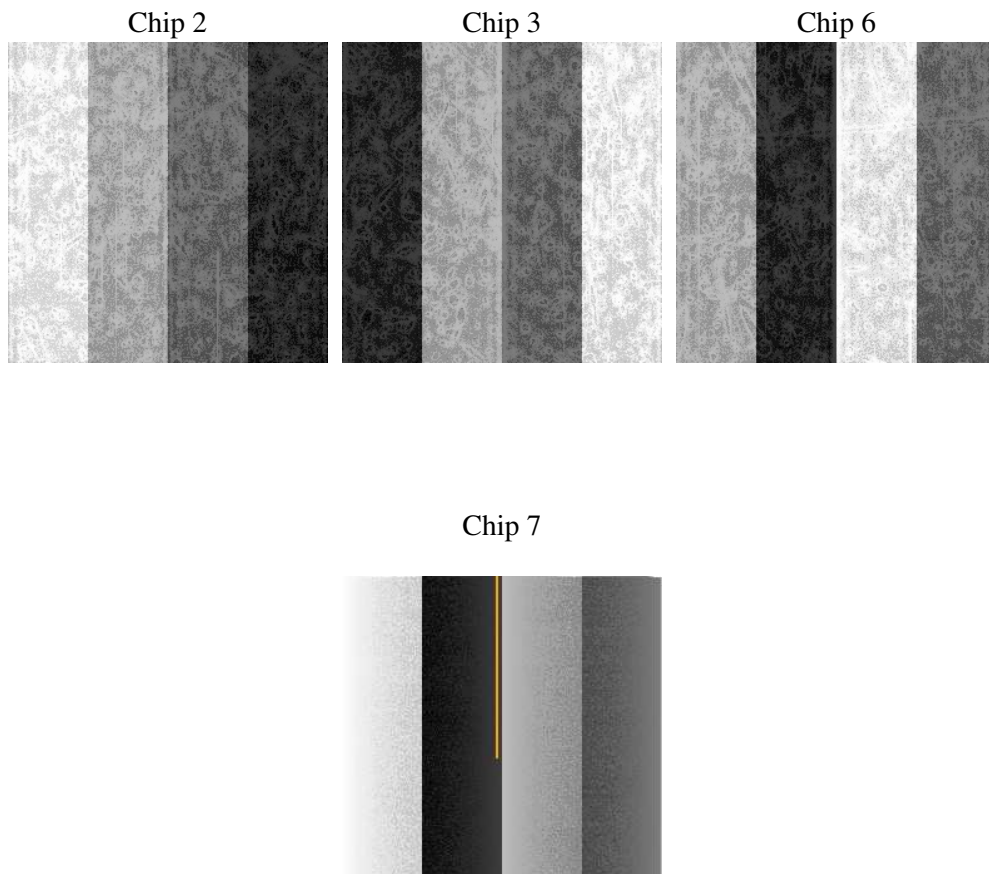
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-17T13:09:02
revision	2

sched_exp_time	4500.000000
ontime	4554.4622268379
ontime2	4551.3212665021
ontime3	4554.4622268379
ontime6	4554.4622268379
ontime7	4554.4622268379
l1events	113644

2.1.4 Events

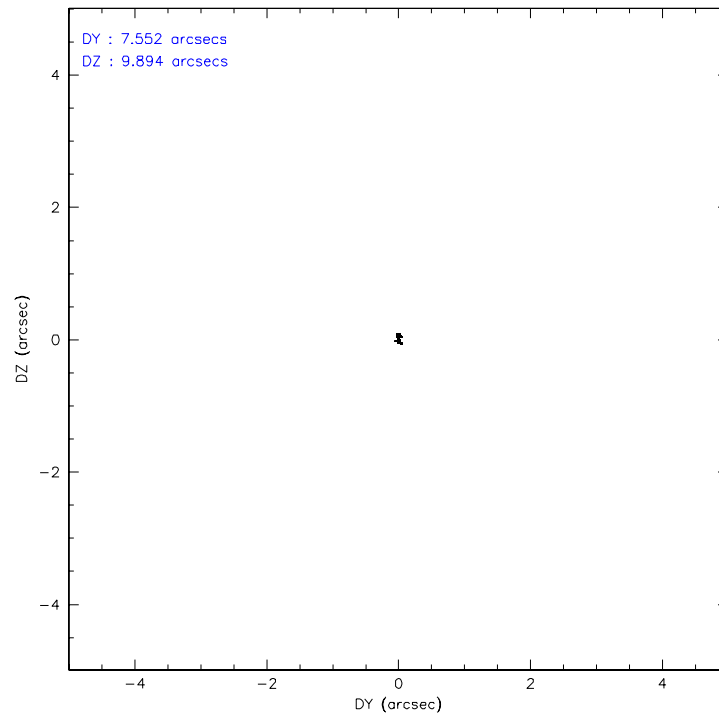
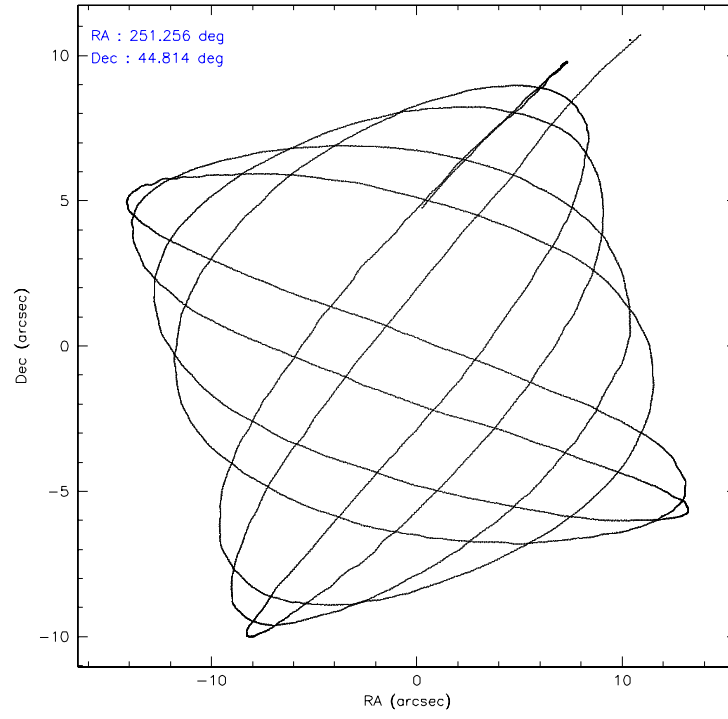
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	26997	26929	28251	31467
rejected events	24304	24397	25319	18103
rejected %	90%	90%	89%	57%

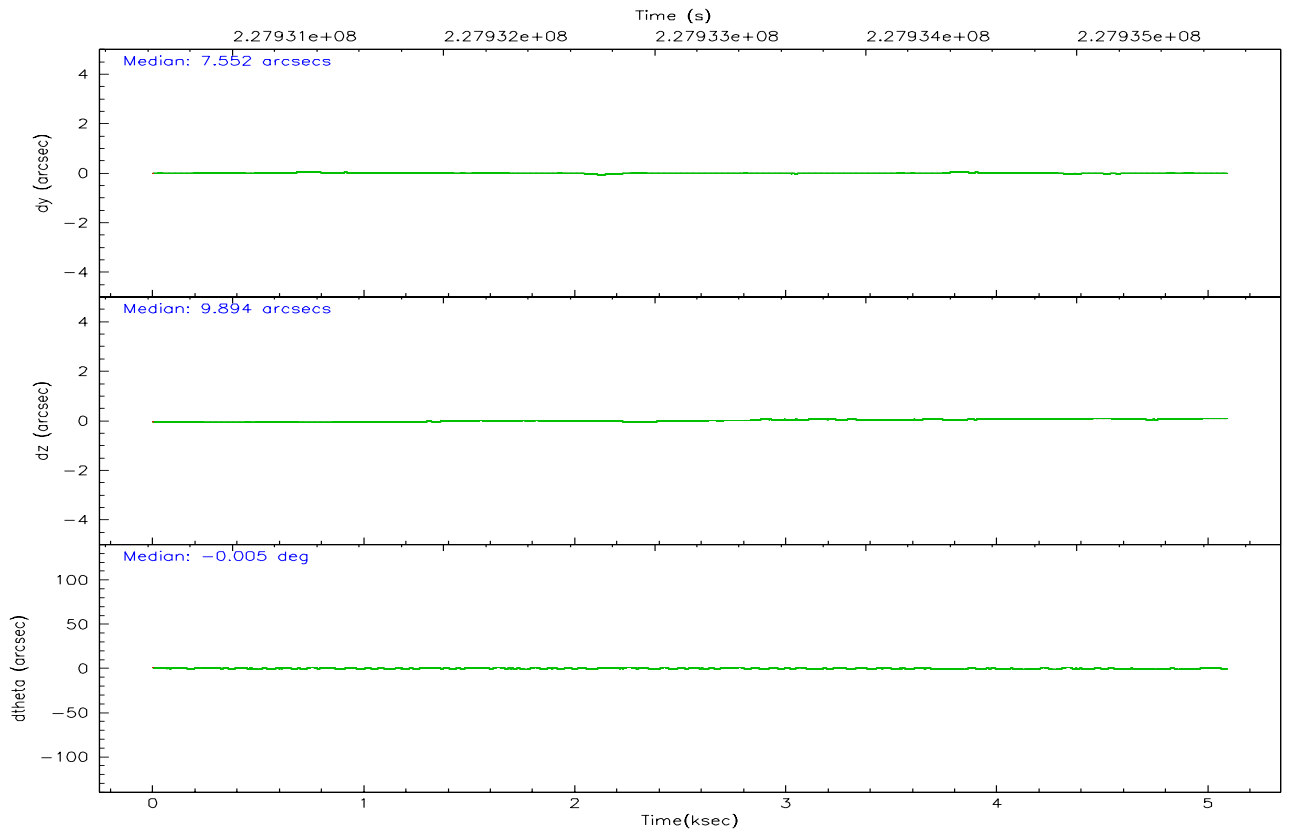
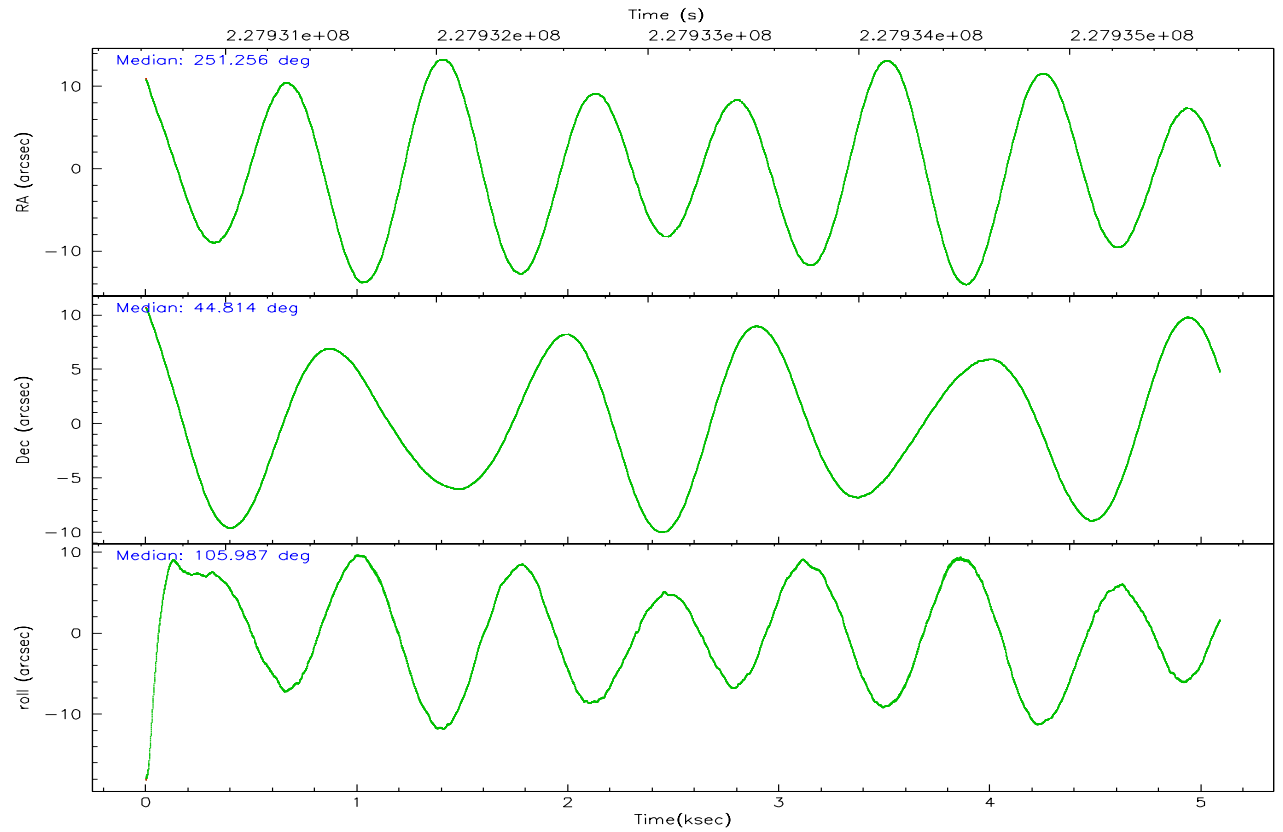
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	999	847	1005	848
	3%	3%	3%	2%
grade 1 events	14	6	25	19
	0%	0%	0%	0%
grade 2 events	599	567	628	3229
	2%	2%	2%	10%
grade 3 events	287	320	344	809
	1%	1%	1%	2%
grade 4 events	316	285	326	753
	1%	1%	1%	2%
grade 5 events	894	1133	1113	2404
	3%	4%	3%	7%
grade 6 events	496	516	634	7742
	1%	1%	2%	24%
grade 7 events	23392	23255	24176	15663
	86%	86%	85%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	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	251.283637	251.2557112734579	Alternating exposures requested	N	N
Pointing Dec	44.795267	44.81394783289392	Primary exposure time	0.000000	3.1
Pointing Roll	105.814274	105.9905284194462			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	227931217.184000	227930147.0288			
Observation start date	2005-03-23T02:12:33	2005-03-23T01:55:47			
Observation end time	227935717.184000	227936379.02908			
Observation end date	2005-03-23T03:27:33	2005-03-23T03:39:39			
Read mode	TIMED	TIMED			

2.3 Aspect





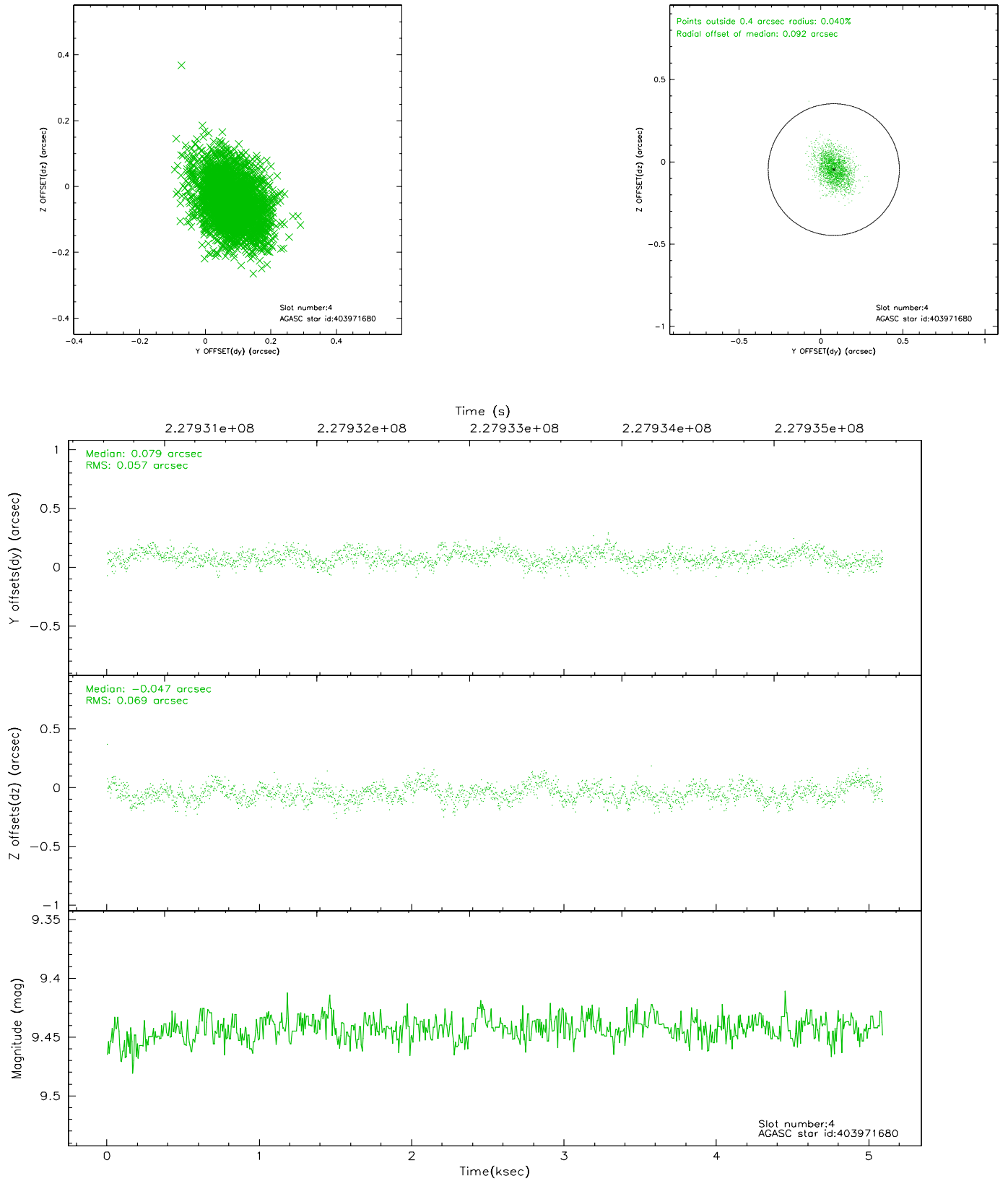
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1242	-0.033	-0.000	0.007	0.011	0.000000	0.000000	-760.32	-1731.06
1	FID	ACIS-S-4	7.20	1242	0.054	0.016	0.005	0.009	0.000000	0.000000	2152.47	176.26
2	FID	ACIS-S-5	7.24	1242	-0.051	-0.007	0.007	0.011	0.000000	0.000000	-1811.68	171.19
3	GUIDE	403967496	8.58	2482	0.051	-0.035	0.076	0.123	250.953746	44.214120	-1779.39	1388.89
4	GUIDE	403971680	9.44	2482	0.079	-0.047	0.093	0.155	250.873106	44.943708	801.34	861.31
5	GUIDE	458636568	9.04	2484	-0.125	-0.033	0.070	0.113	250.506253	45.189221	1911.42	1509.49
6	GUIDE	458756568	9.80	2481	-0.094	0.149	0.127	0.210	251.904062	45.185359	928.85	-1897.90
7	GUIDE	403967320	7.76	2483	0.089	-0.035	0.050	0.081	251.285478	44.113335	-2363.01	663.85

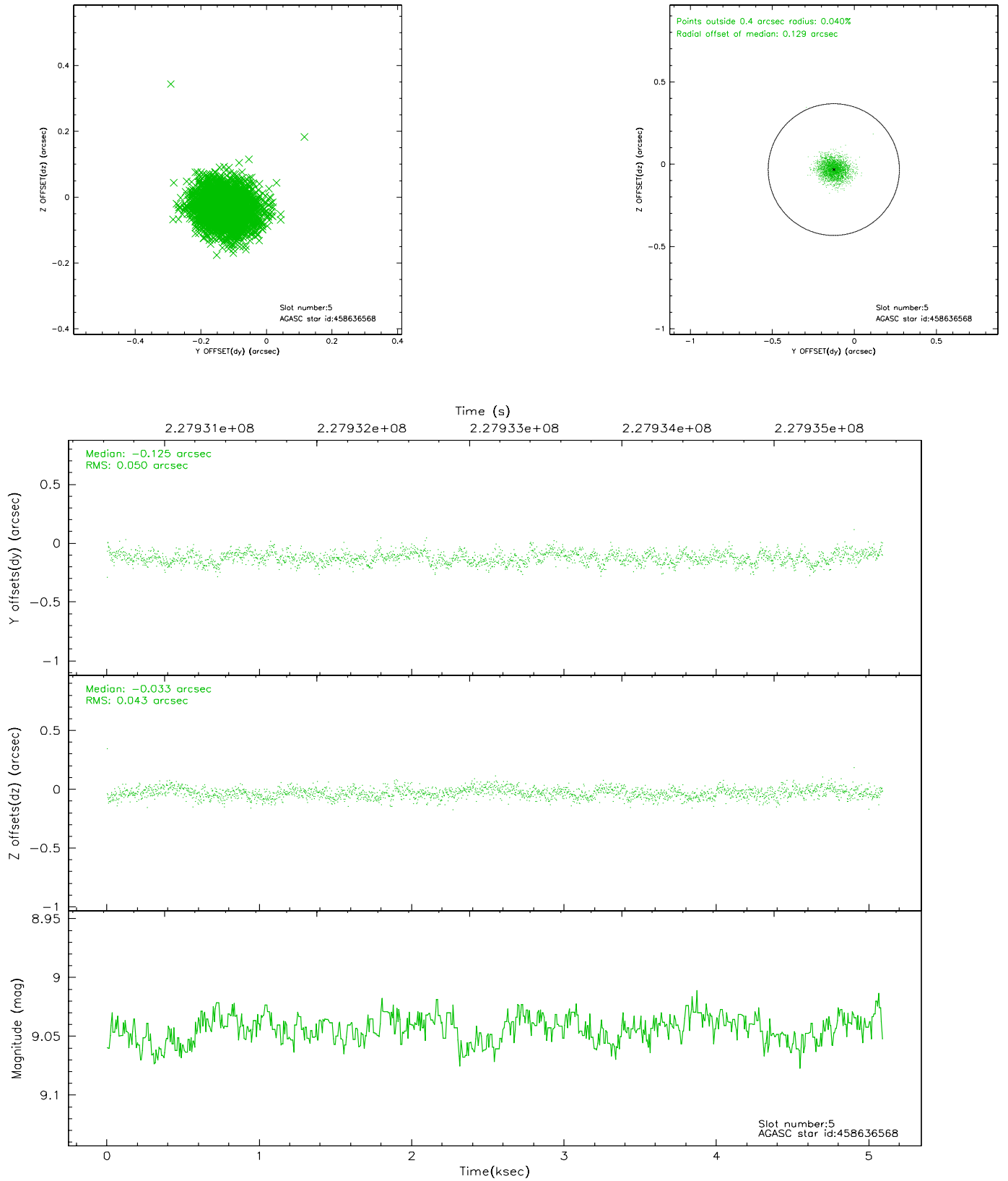
2.4.1 Slot 3



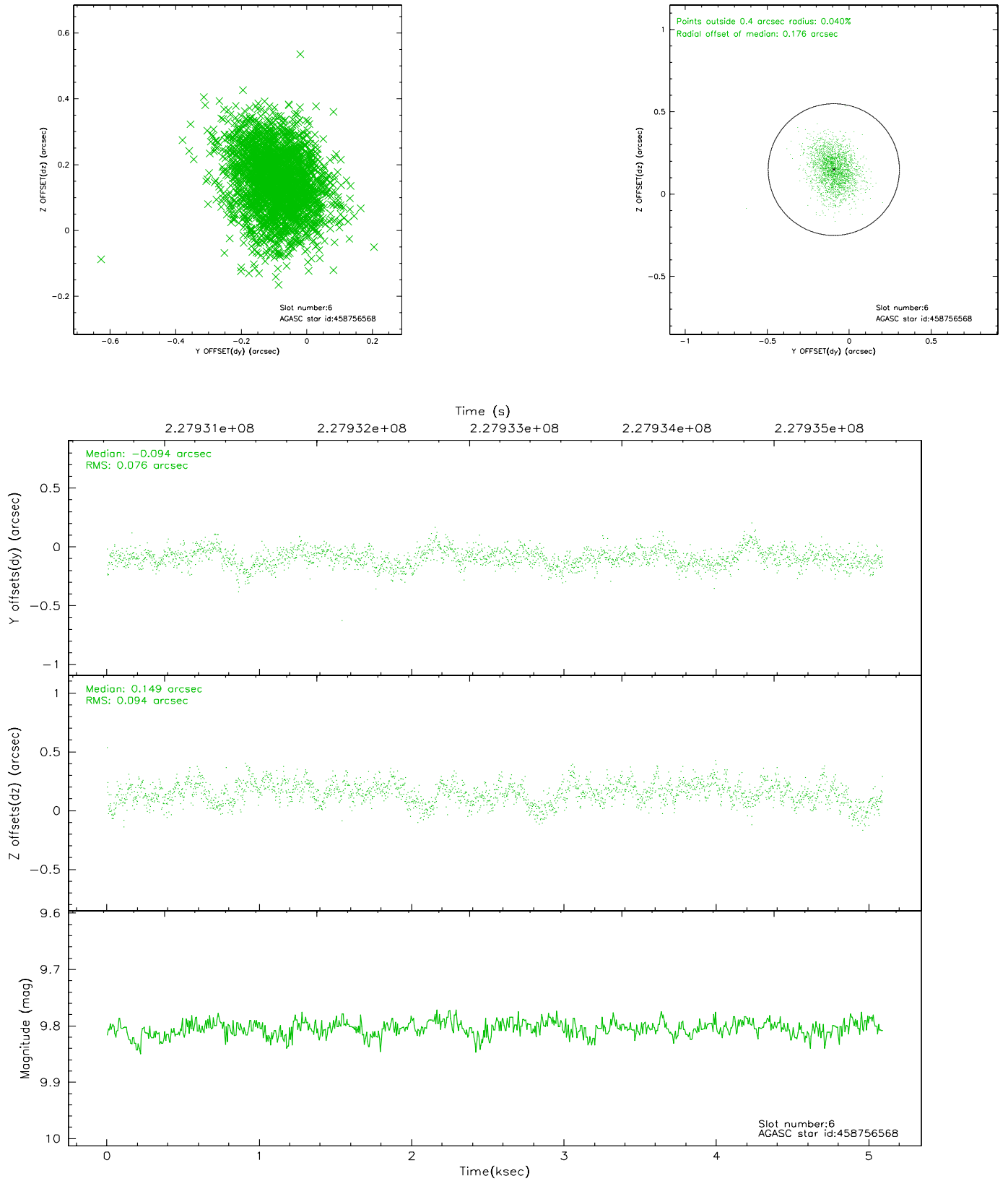
2.4.2 Slot 4



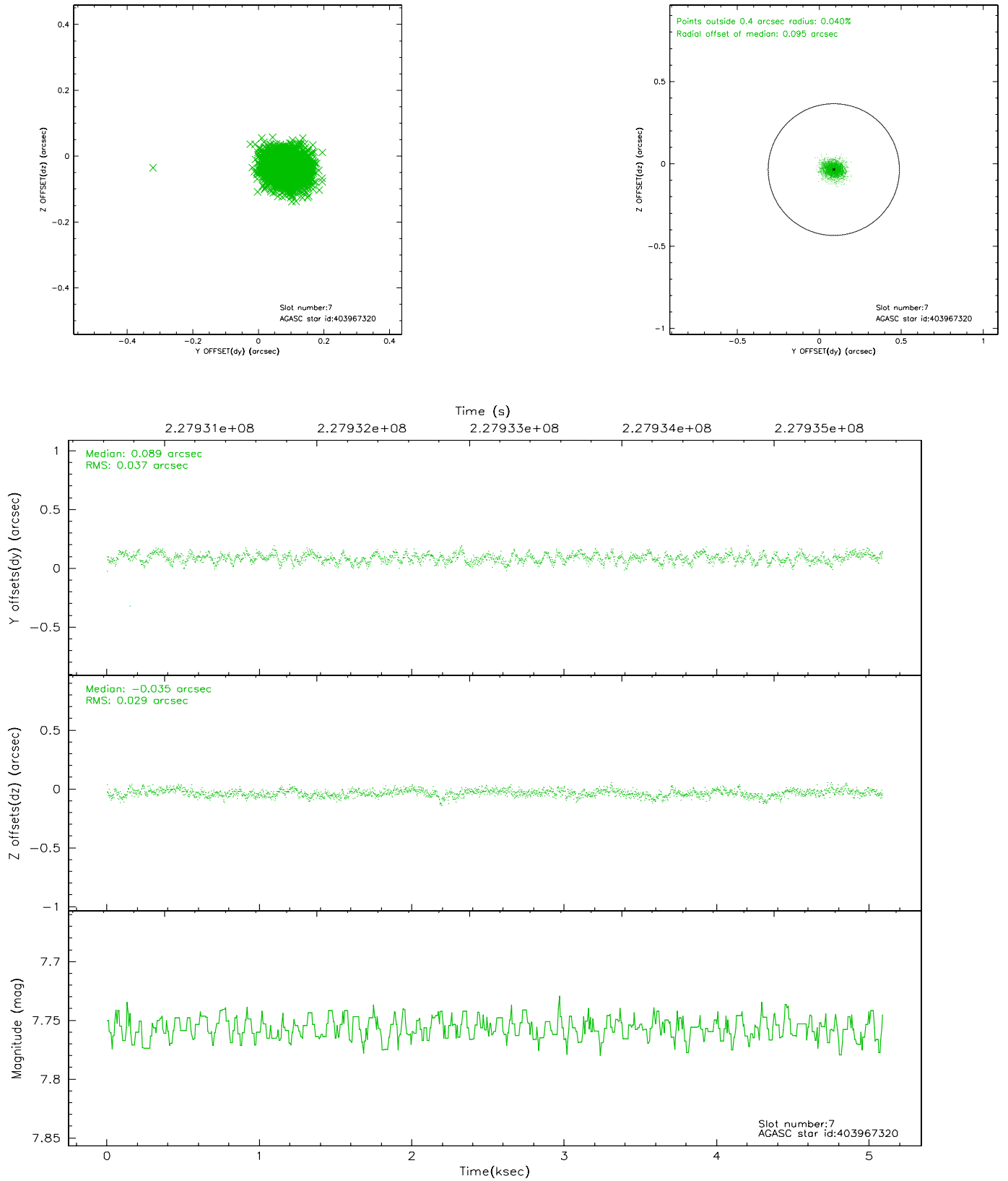
2.4.3 Slot 5



2.4.4 Slot 6

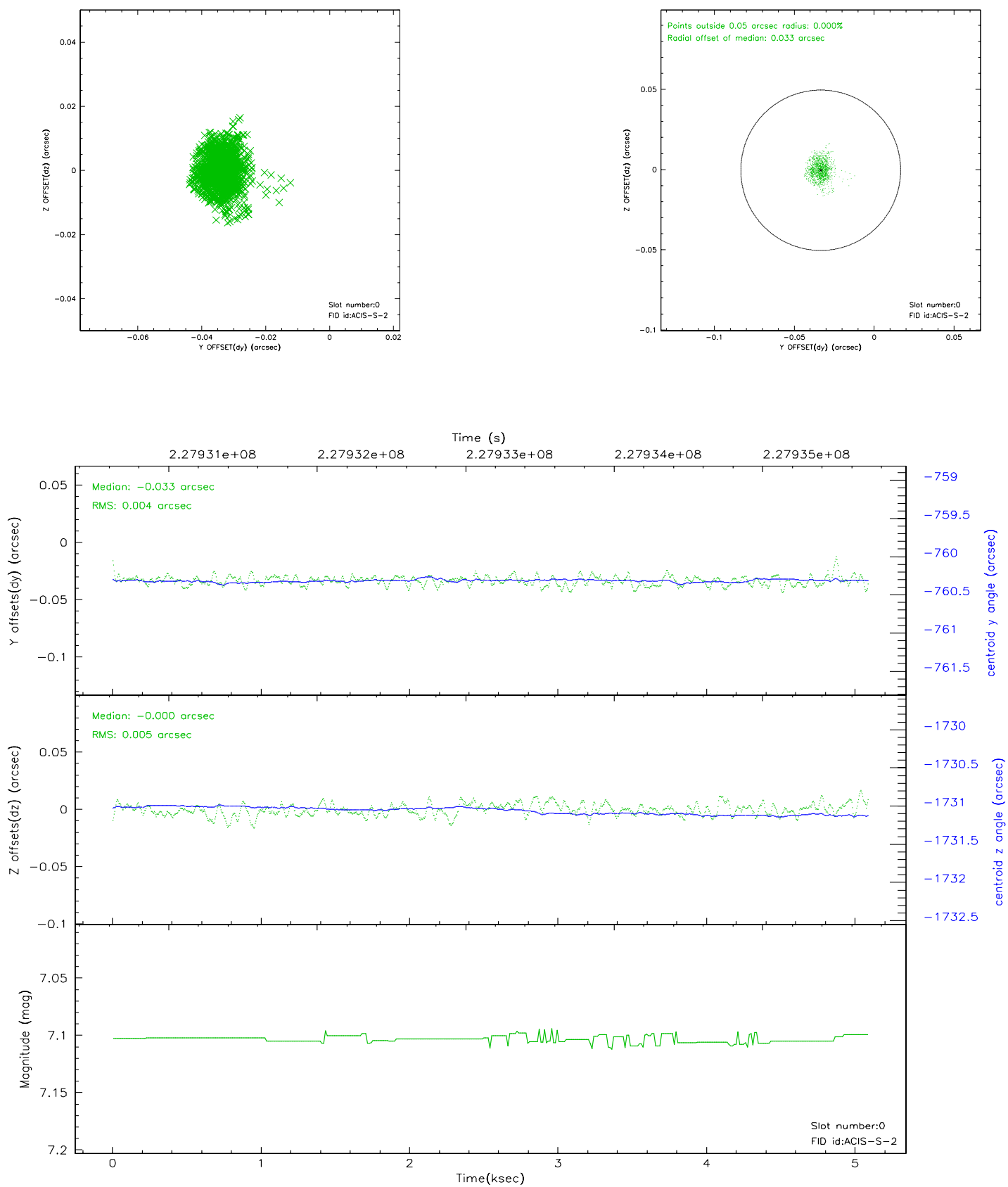


2.4.5 Slot 7

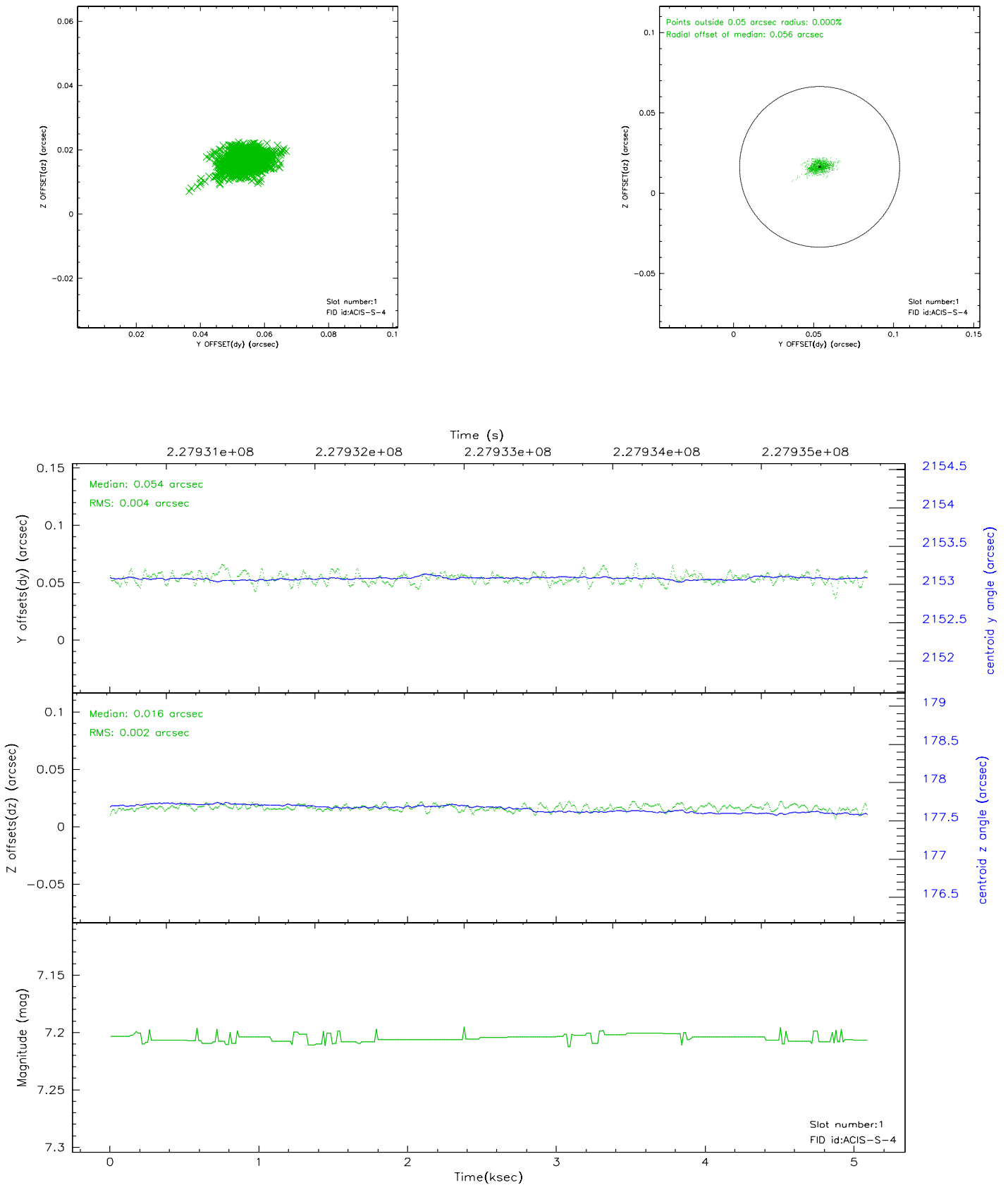


2.5 FID Slots

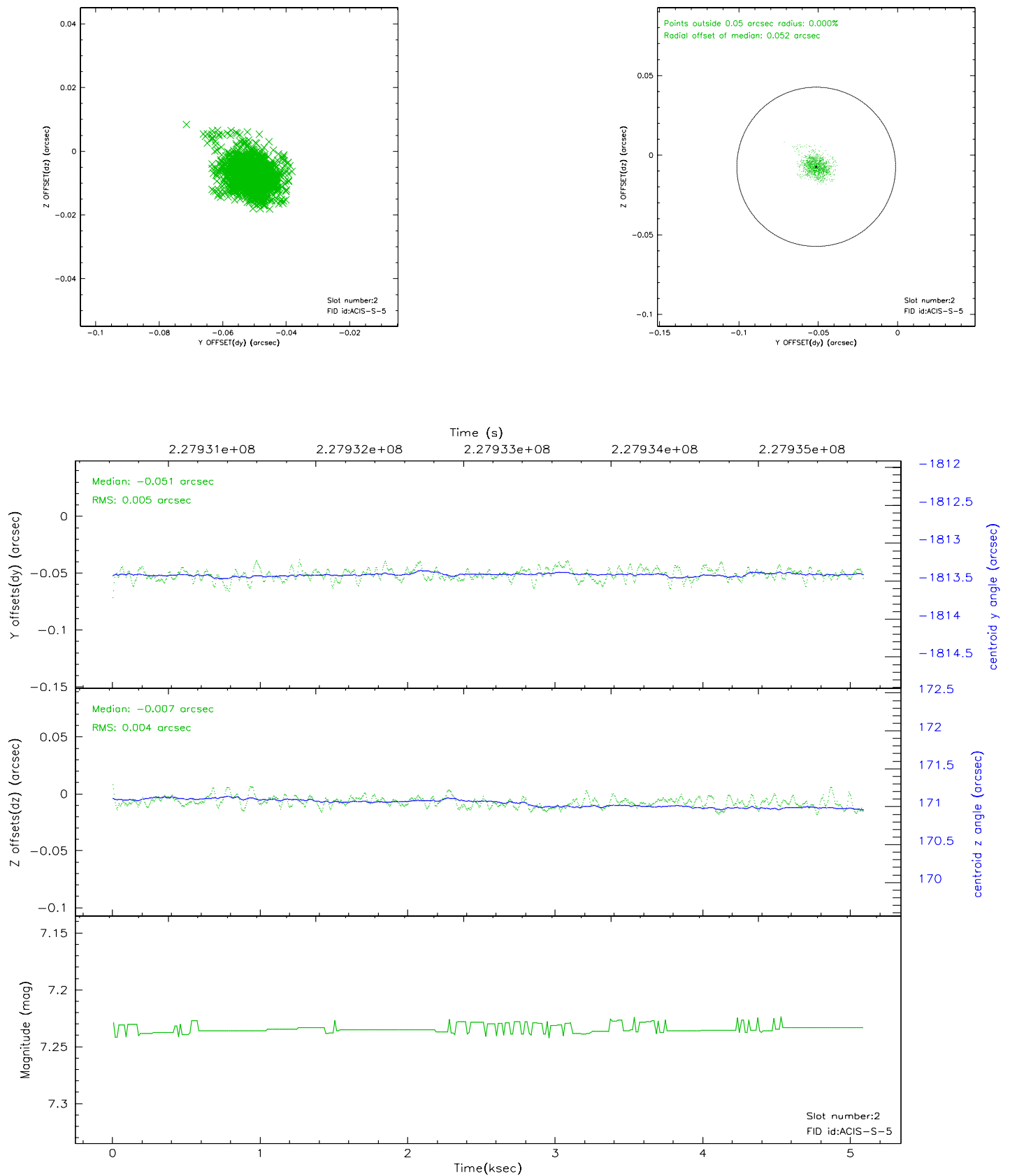
2.5.1 Slot 0



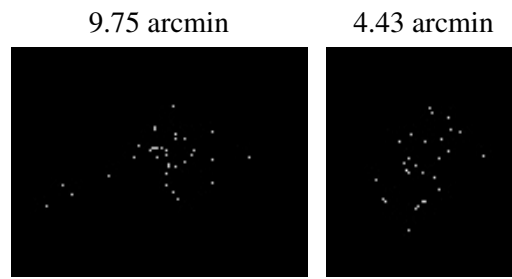
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.550799

A.2 Comments