

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2832 - L2 Version 001
Chandra X-Ray Center

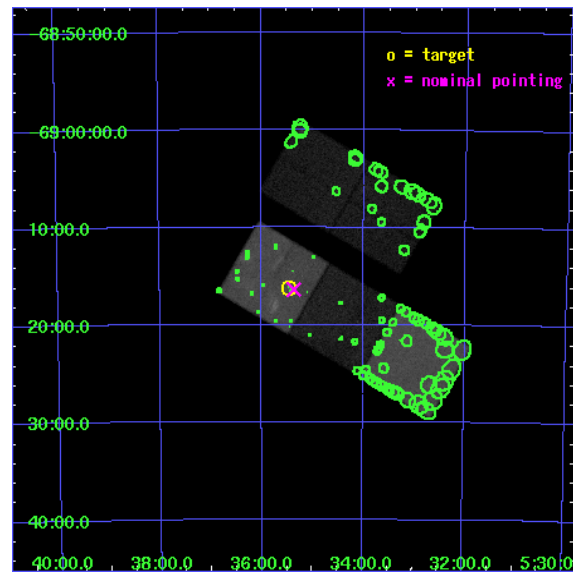
L2 Processing Date : Sep 16 2006

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1 Front

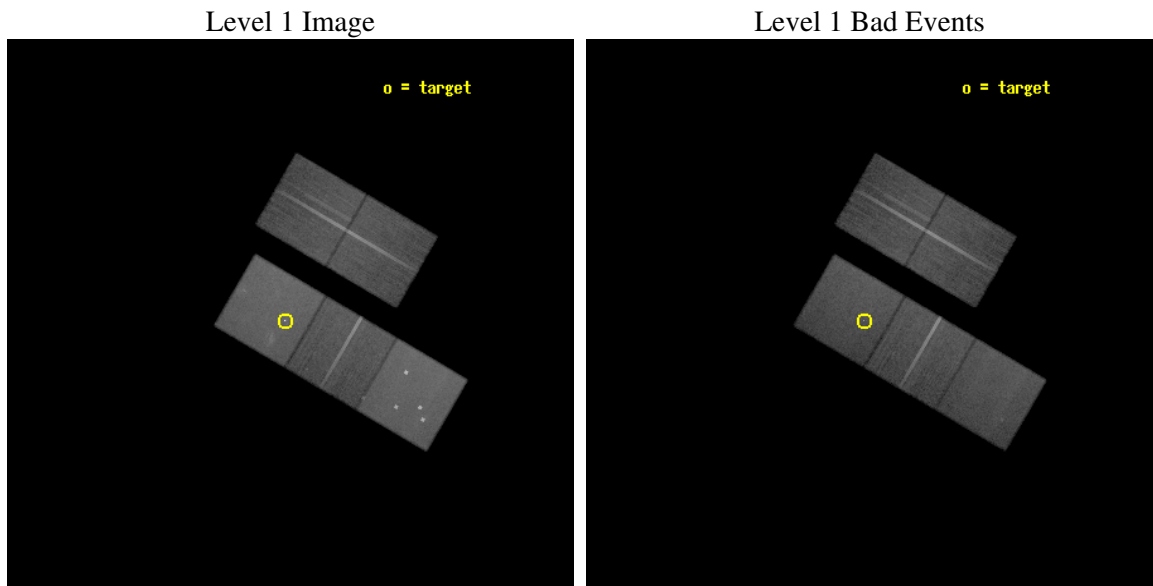
seq_num	500282
obs_id	2832
title	THE RAPIDLY EVOLVING YOUNG SUPERNOVA REMNANT, SNR1987A
observer	Dr. David Burrows
object	SNR 1987A
dtcycle	0
cycle	P
ra_targ	83.866667
dec_targ	-69.26975
ra_nom	83.840913461133
dec_nom	-69.273091896054
roll_nom	210.27841377815
revision	2
ontime	44844.599913776
livetime	44258.672201788
ontime2	44844.599913776
ontime3	44844.599913776
ontime5	44844.599913776
ontime6	44841.458953559
ontime7	44844.599913776
l2events	451828



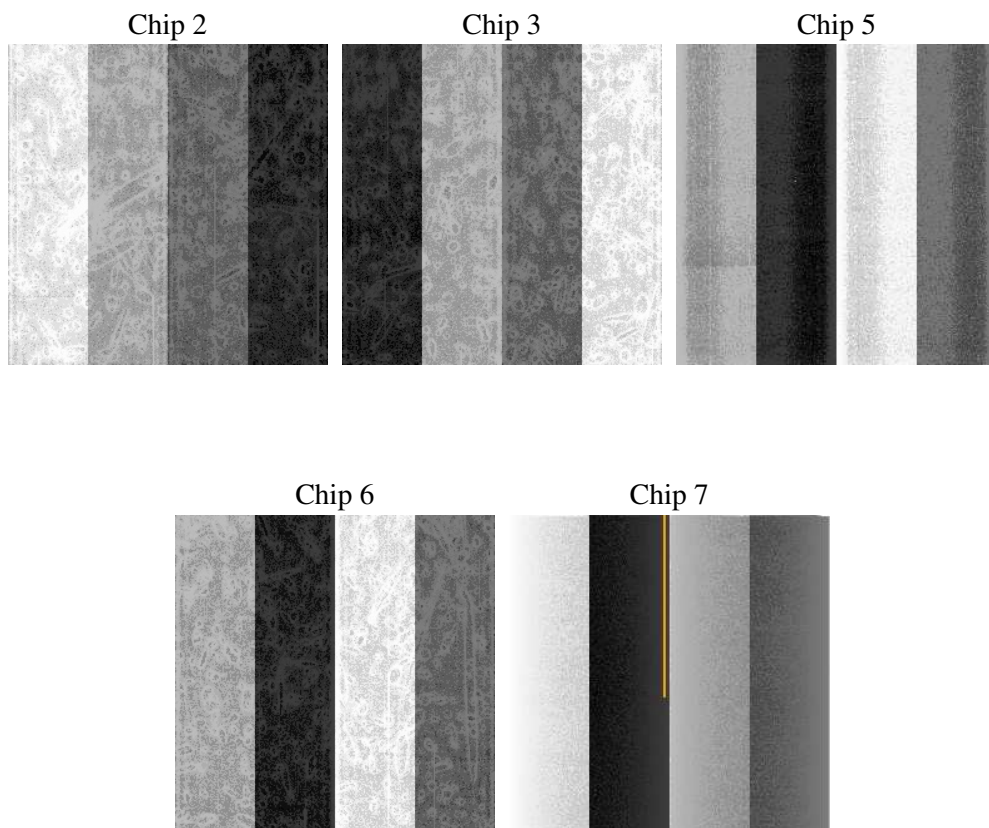
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-16T14:23:29
revision	2

sched_exp_time	45000.000000
ontime	44850.357509792
ontime2	44850.357509792
ontime3	44850.357509792
ontime5	44850.357509792
ontime6	44847.216549575
ontime7	44850.357509792
l1events	1688860

2.1.4 Events

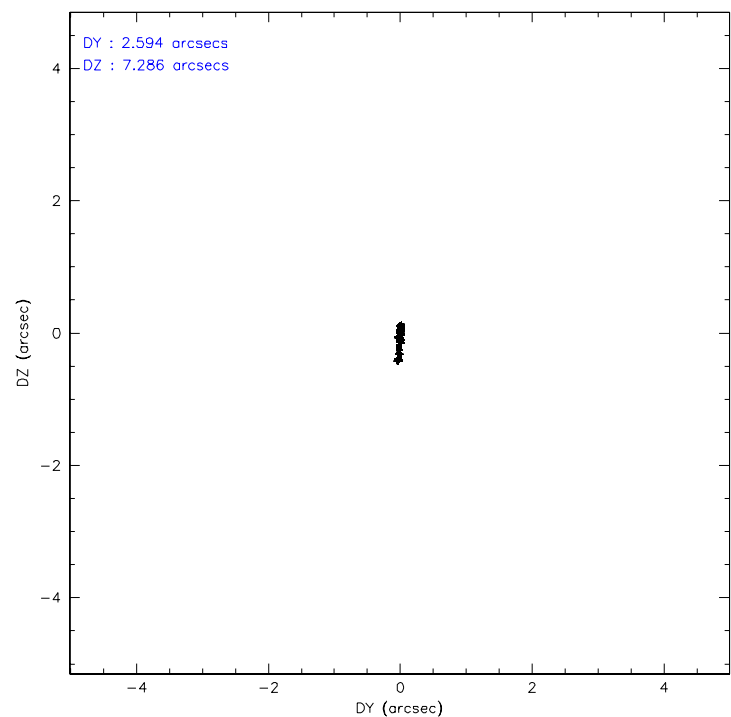
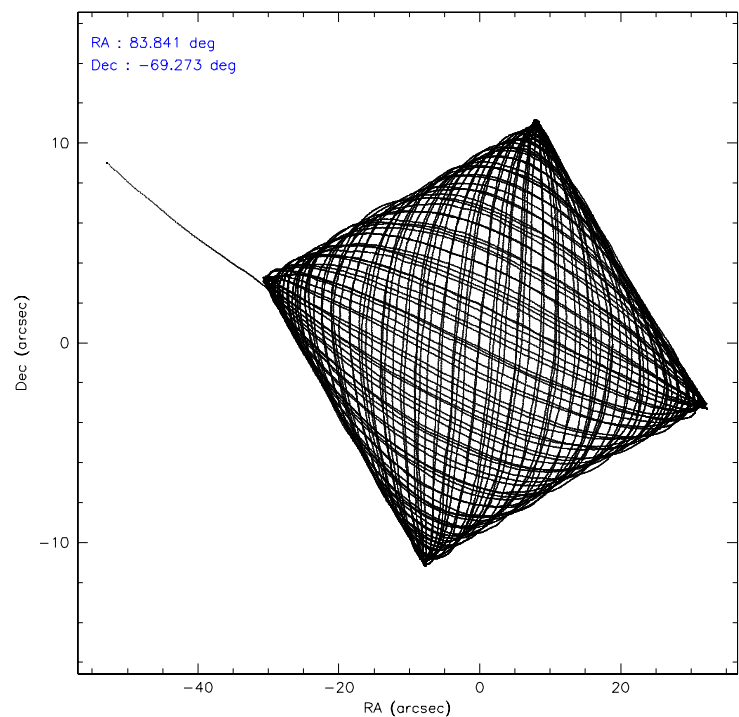
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	281609	278950	427569	292016	408716
rejected events	245622	244377	227269	249292	230677
rejected %	87%	87%	53%	85%	56%

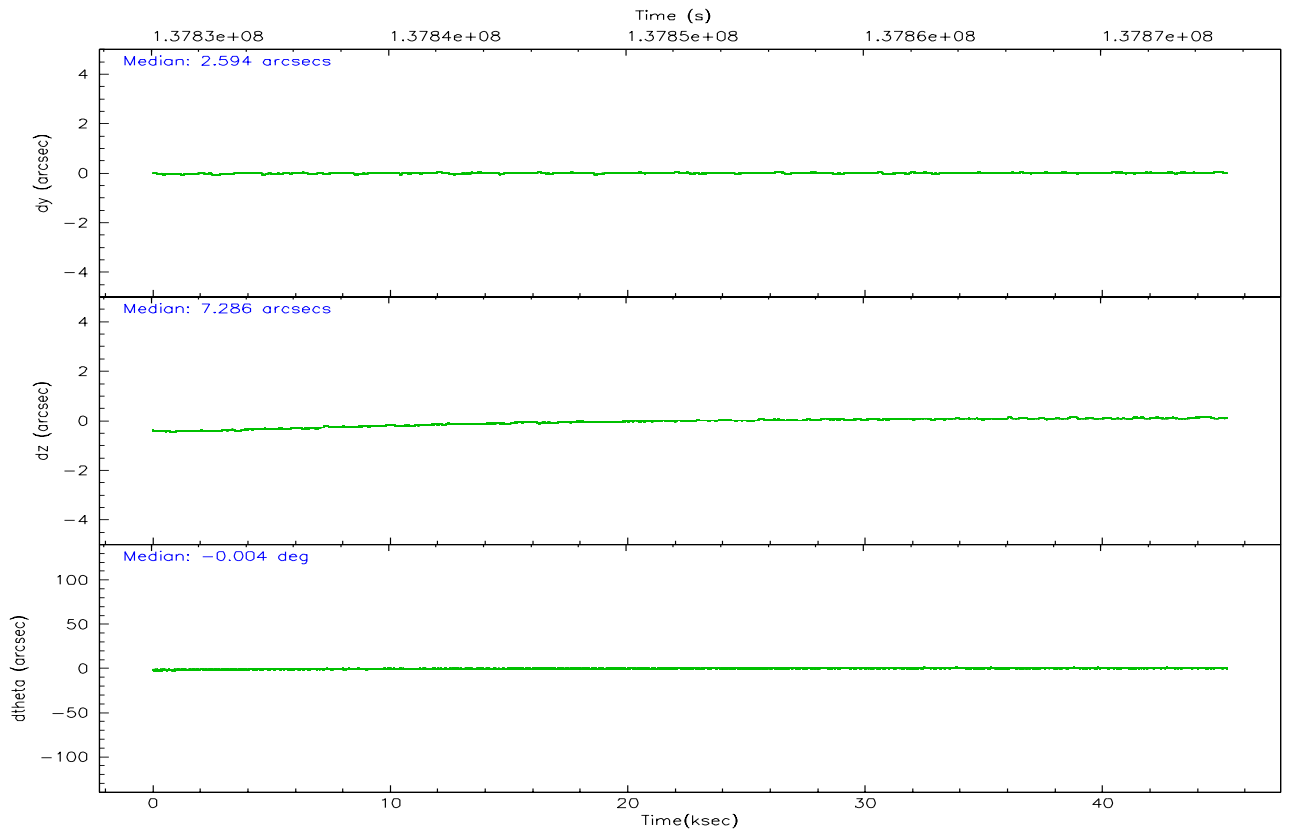
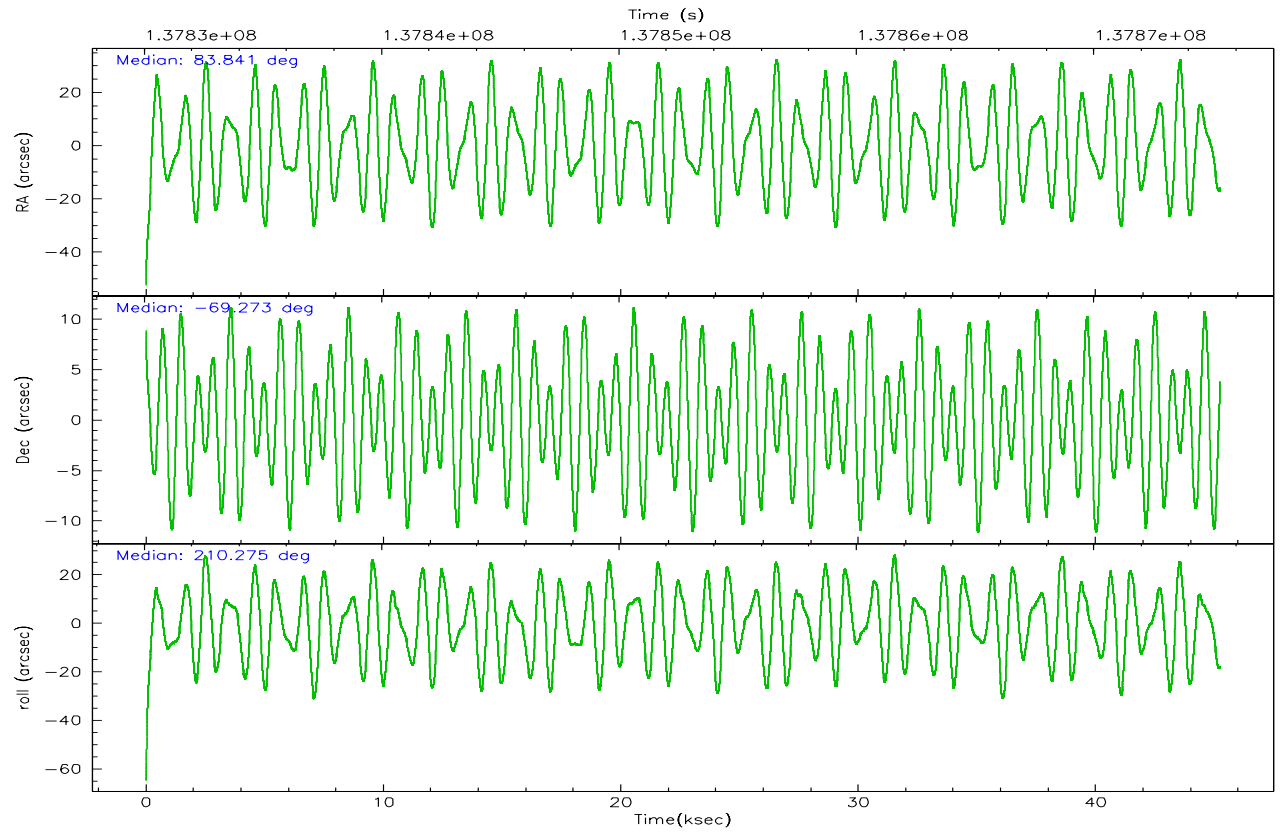
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	17016	15986	30880	22001	19709
	6%	5%	7%	7%	4%
grade 1 events	136	142	532	174	315
	0%	0%	0%	0%	0%
grade 2 events	7224	6657	57691	7324	45318
	2%	2%	13%	2%	11%
grade 3 events	3156	3143	5023	3442	11826
	1%	1%	1%	1%	2%
grade 4 events	3021	3112	4755	3396	11535
	1%	1%	1%	1%	2%
grade 5 events	9619	11379	19798	12627	25364
	3%	4%	4%	4%	6%
grade 6 events	5575	5677	101965	6561	89658
	1%	2%	23%	2%	21%
grade 7 events	235862	232854	206925	236491	204991
	83%	83%	48%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	83.878228	83.84091346113314	Subarray requested	NONE	NONE
Pointing Dec	-69.249261	-69.27309189605388	Alternating exposures requested	N	N
Pointing Roll	210.156681	210.2784137781538	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	137830331.184000	137829329.31883			
Observation start date	2002-05-15T06:11:07	2002-05-15T05:55:29			
Observation end time	137875331.184000	137876071.37074			
Observation end date	2002-05-15T18:41:07	2002-05-15T18:54:31			
Read mode	TIMED	TIMED			

2.3 Aspect



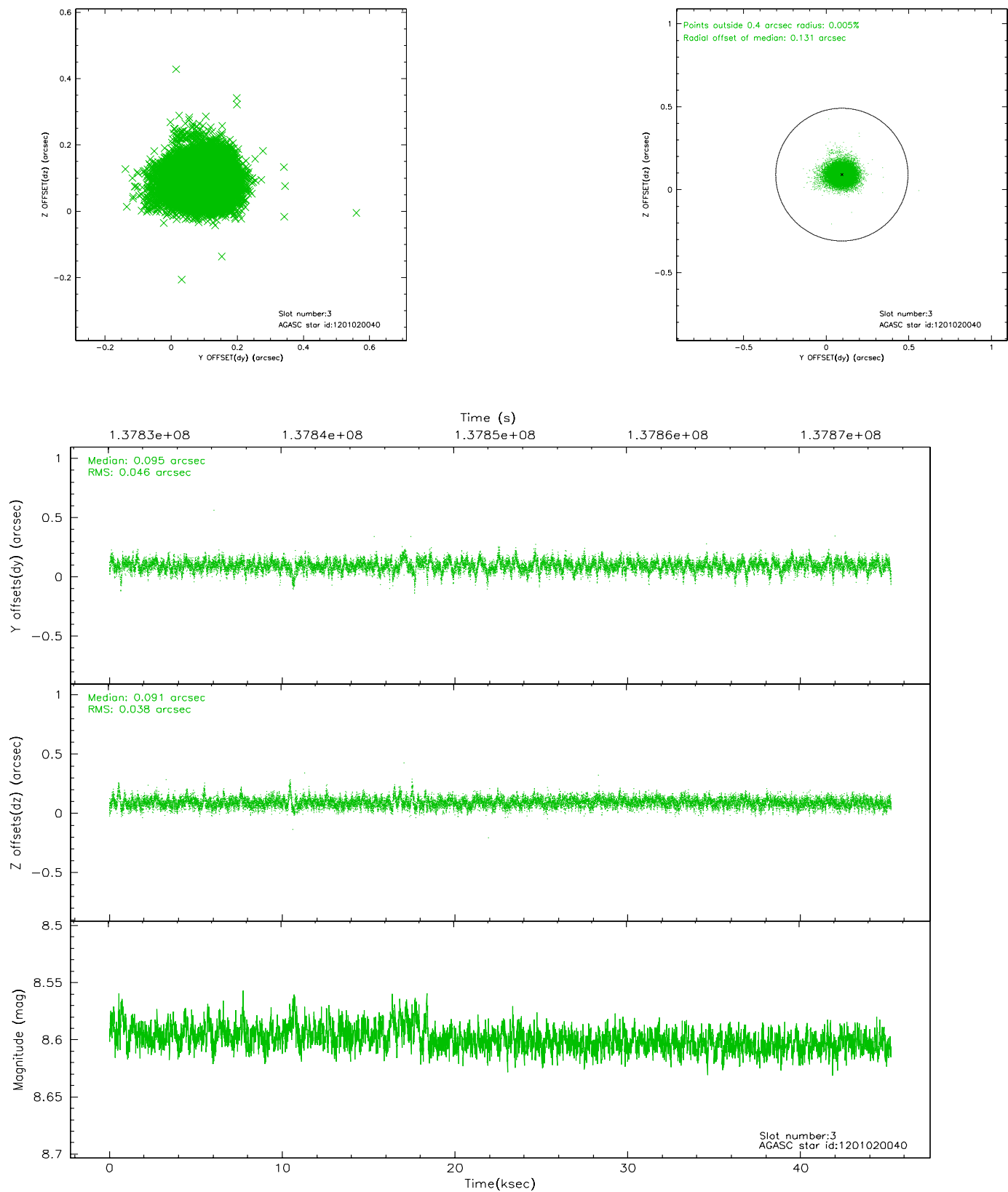


Slot Statistics

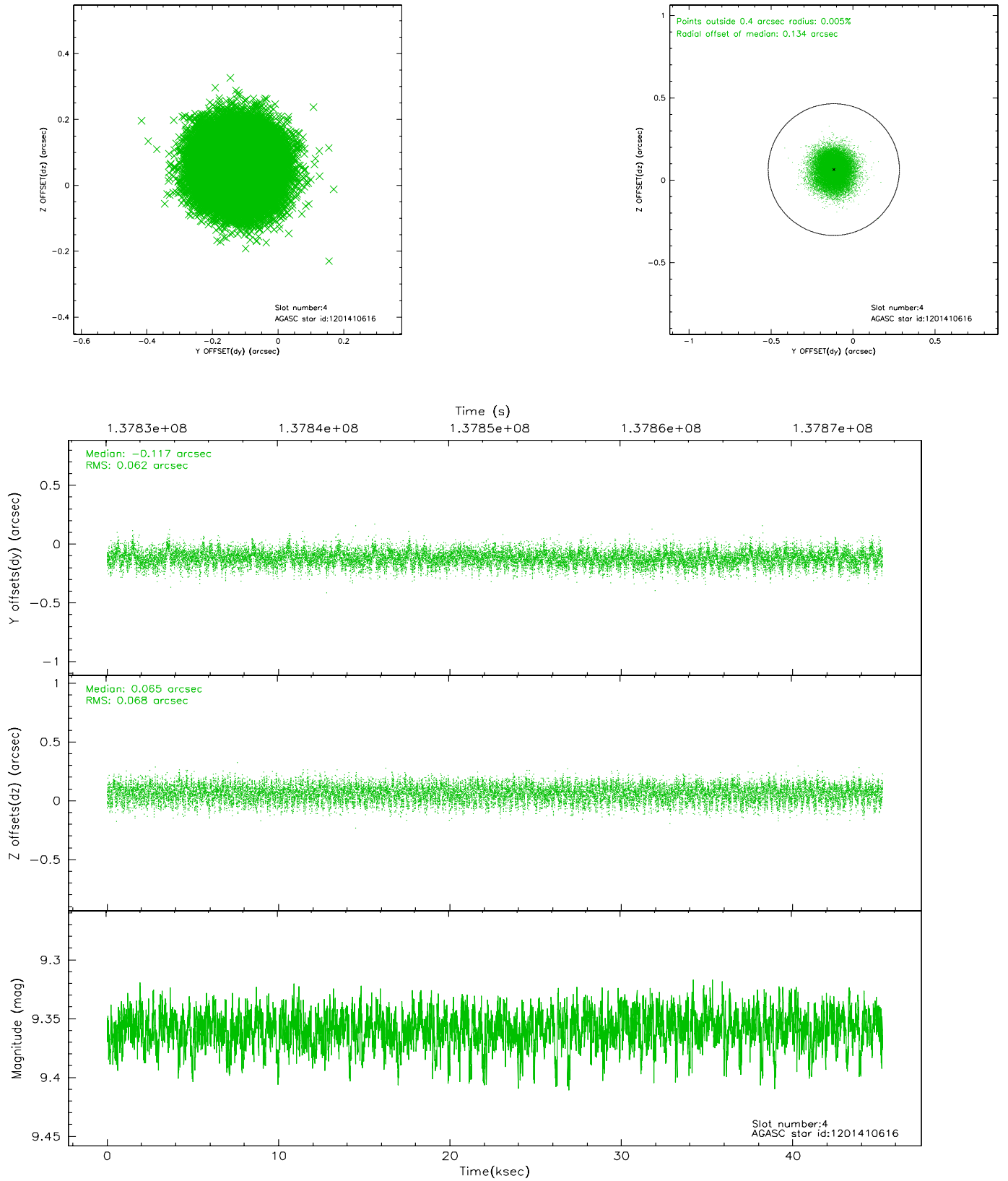
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	11036	-0.002	0.032	0.008	0.013	0.000000	0.000000	-755.23	-1728.37
1	FID	ACIS-S-4	7.20	11034	-0.083	-0.007	0.005	0.009	0.000000	0.000000	2157.97	180.08
2	FID	ACIS-S-5	7.24	11037	0.055	-0.015	0.007	0.012	0.000000	0.000000	-1808.01	173.74
3	GUIDE	1201020040	8.60	22069	0.095	0.091	0.062	0.106	85.379163	-68.879396	-2339.19	-152.38
4	GUIDE	1201410616	9.36	22059	-0.117	0.065	0.099	0.157	82.516808	-69.784406	2442.26	831.97
5	GUIDE	1201406992	9.24	22063	0.097	-0.114	0.124	0.192	83.682859	-69.471866	617.18	569.70
6	GUIDE	1200887248	9.70	22066	-0.100	0.050	0.122	0.193	82.362845	-68.868028	1024.18	-2153.13
7	GUIDE	1201019544	10.03	21963	0.022	-0.075	0.126	0.214	84.531594	-68.443947	-2200.25	-2068.64

2.4 Star Slots

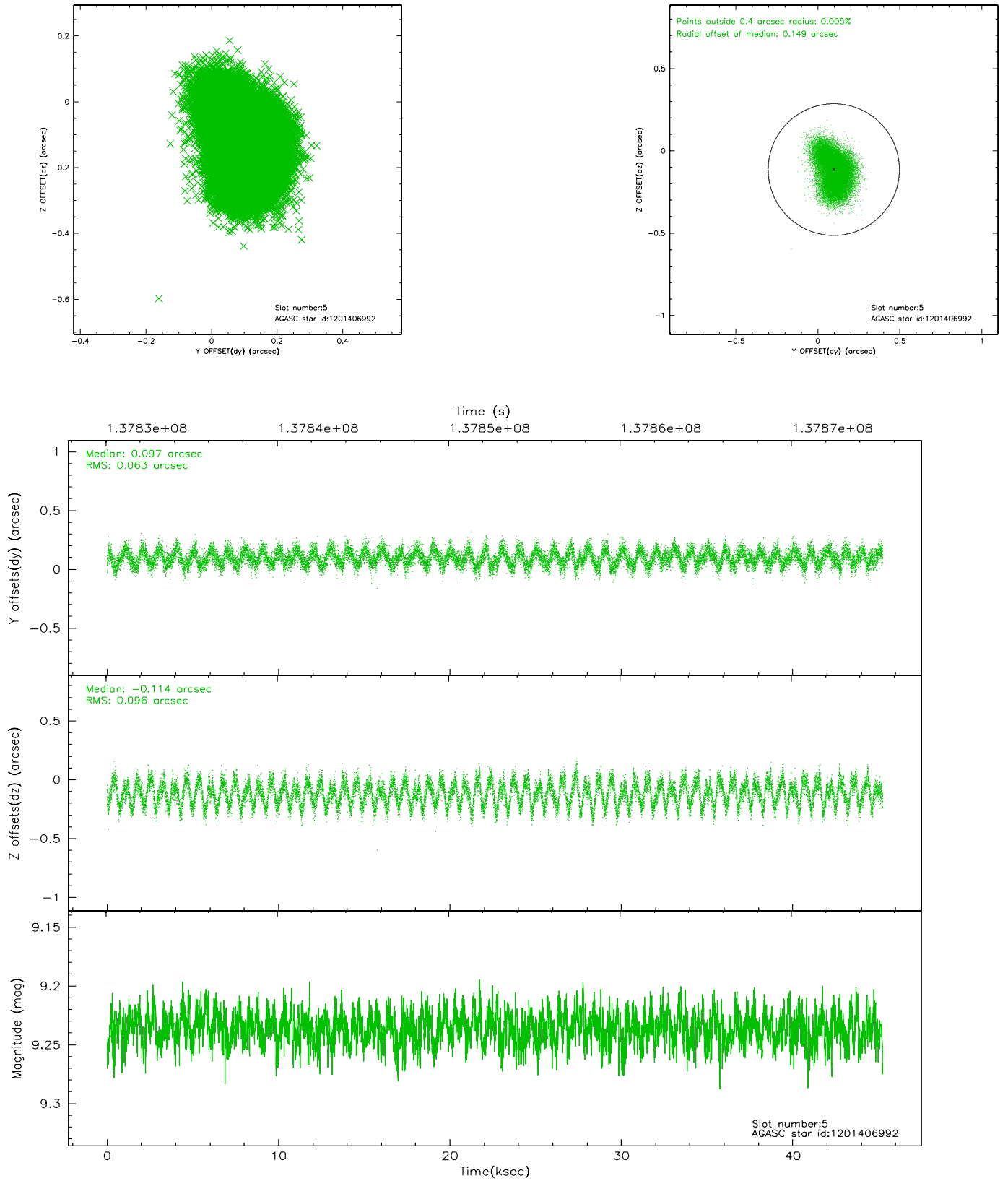
2.4.1 Slot 3



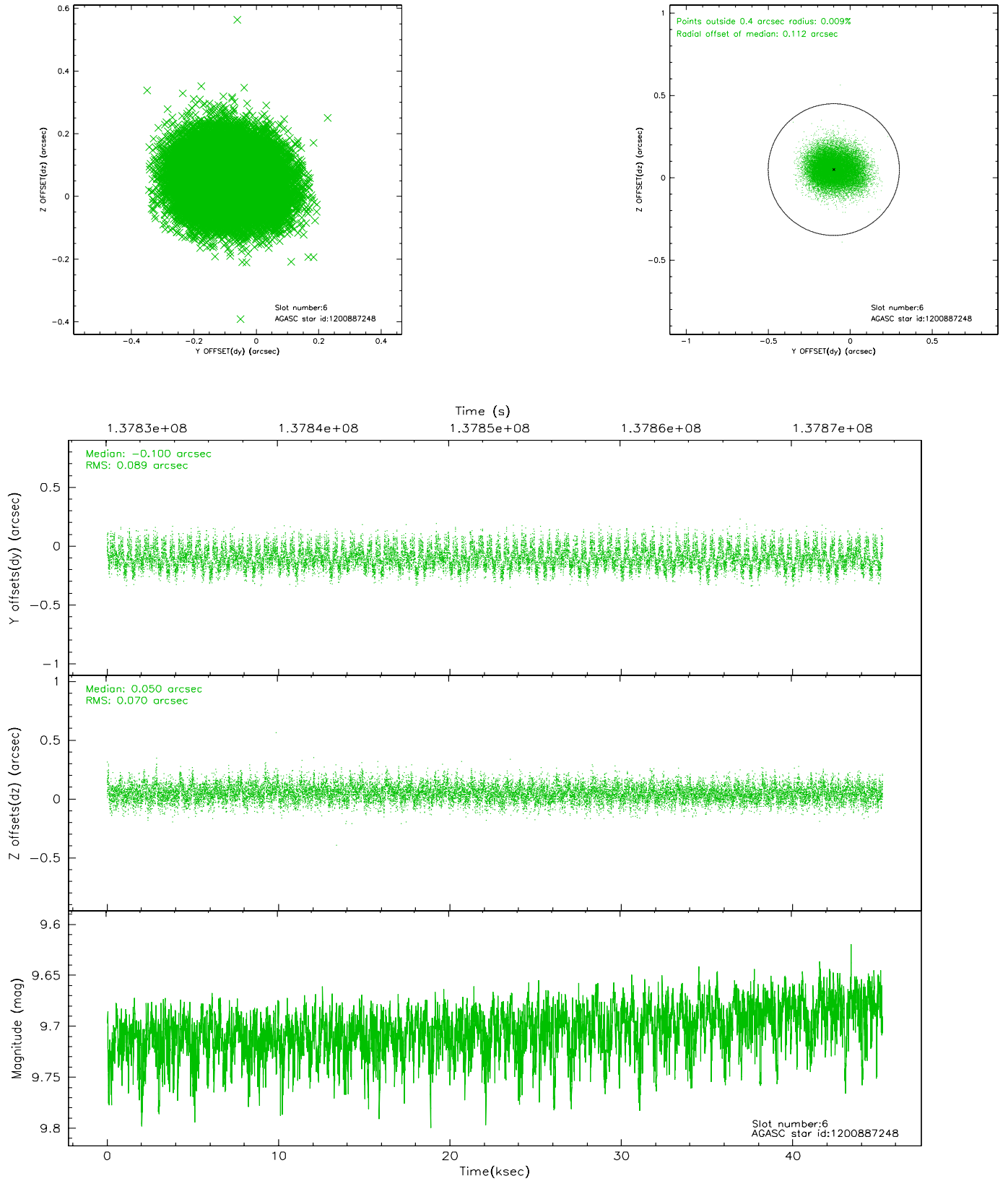
2.4.2 Slot 4



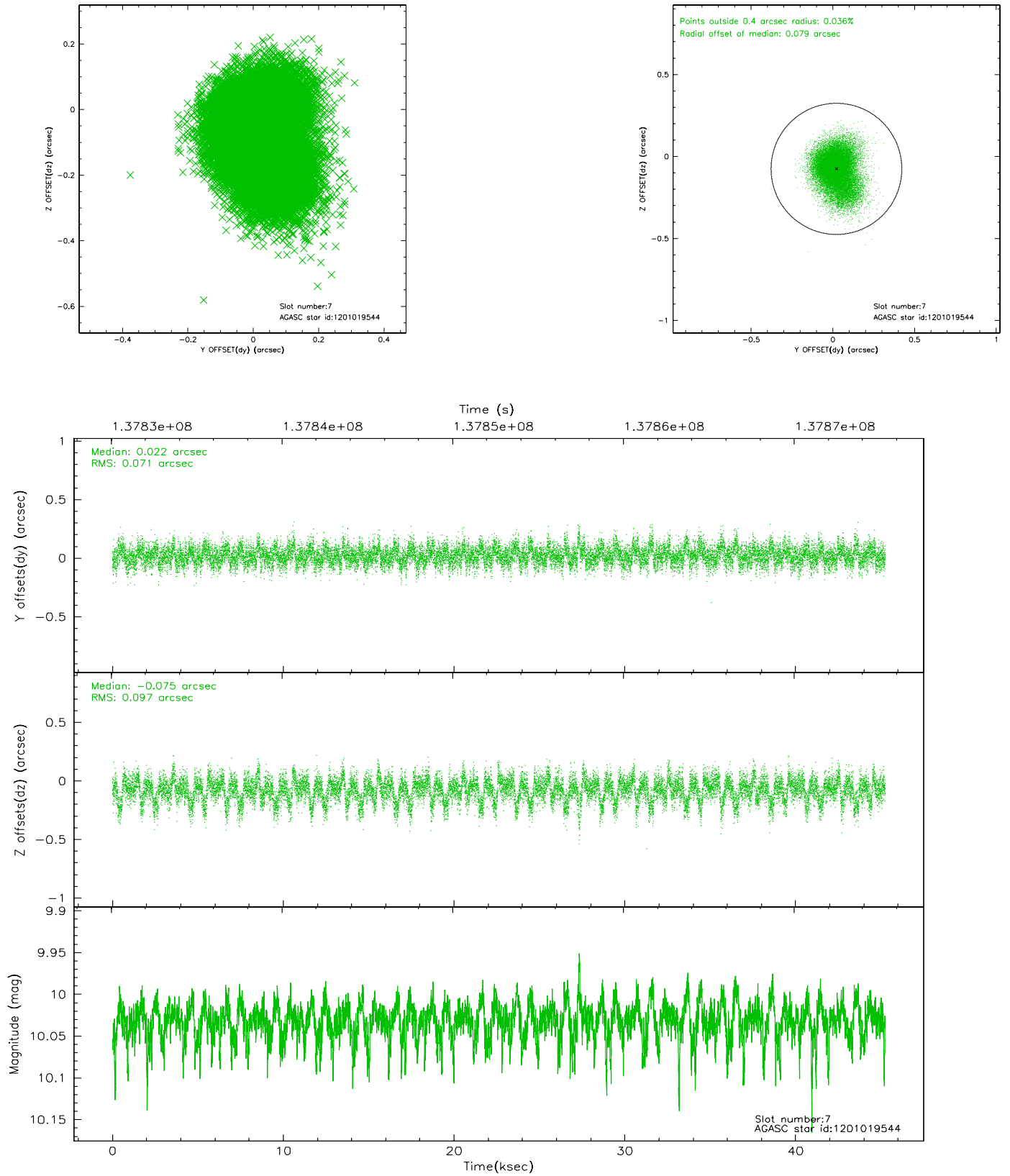
2.4.3 Slot 5



2.4.4 Slot 6

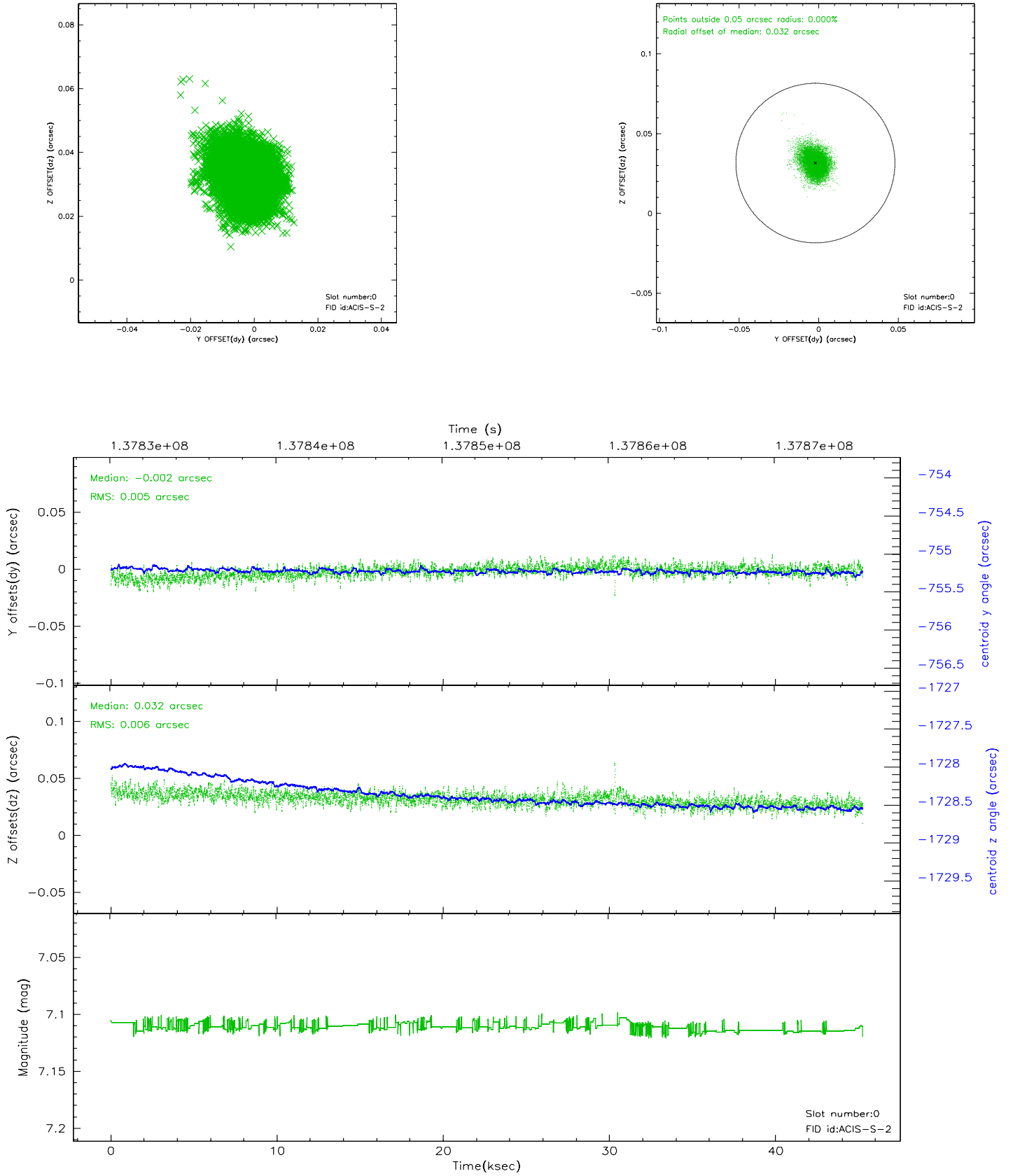


2.4.5 Slot 7

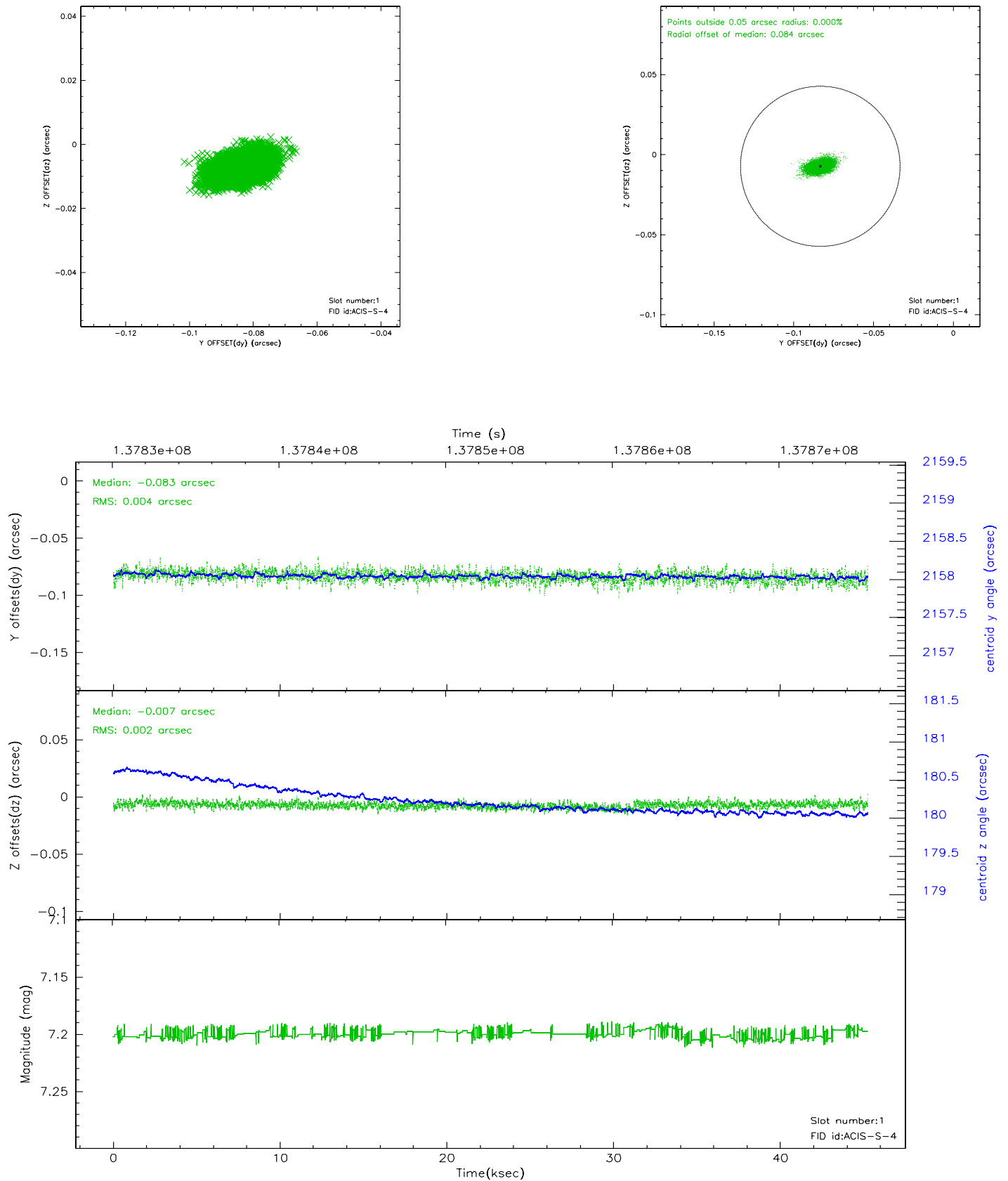


2.5 FID Slots

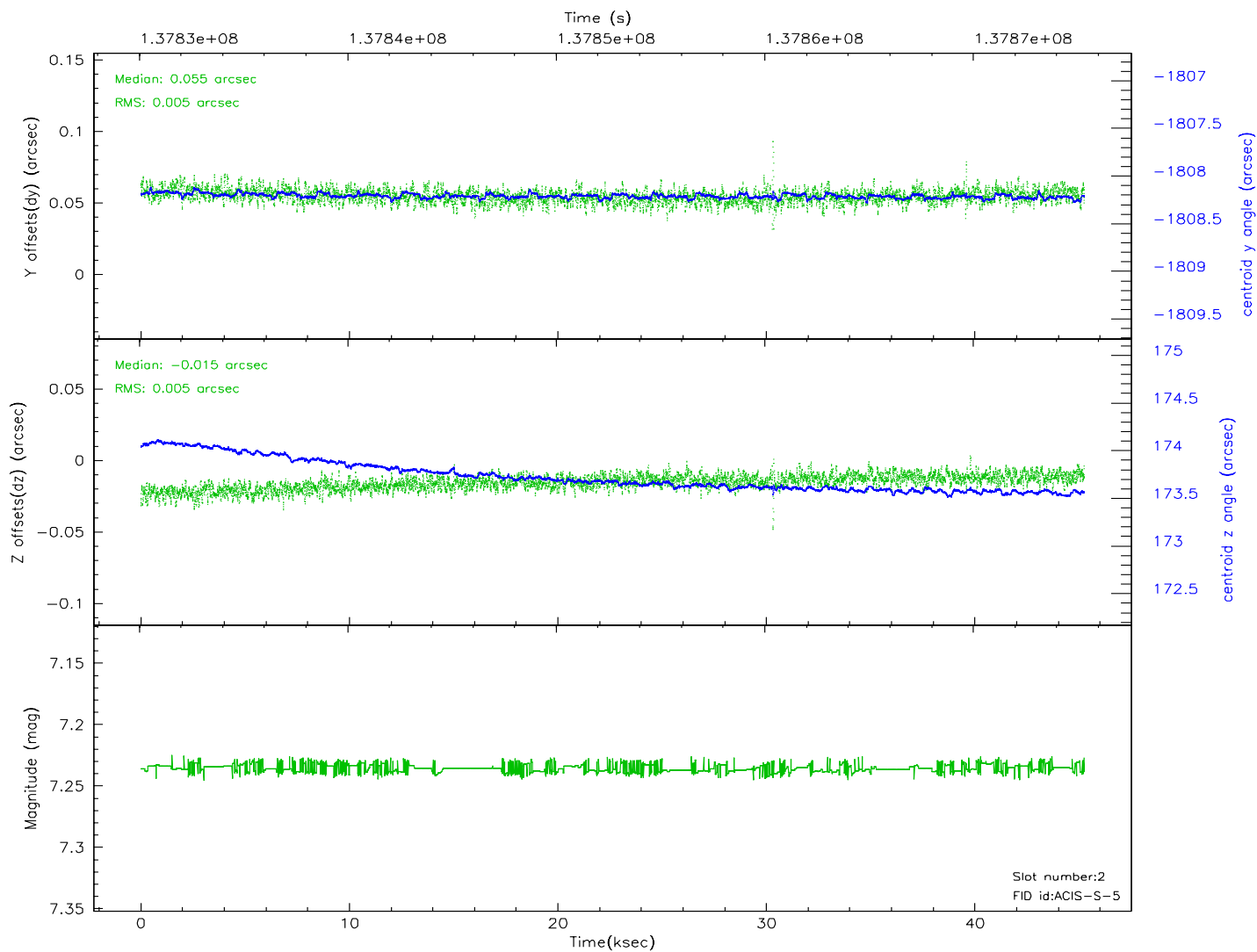
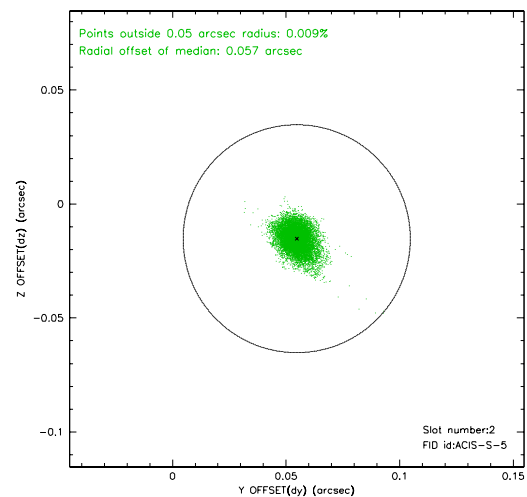
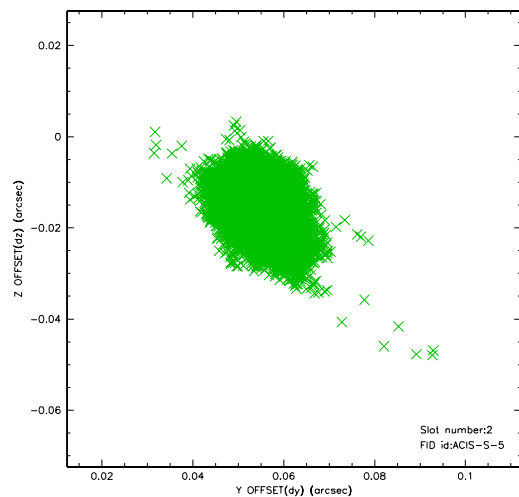
2.5.1 Slot 0



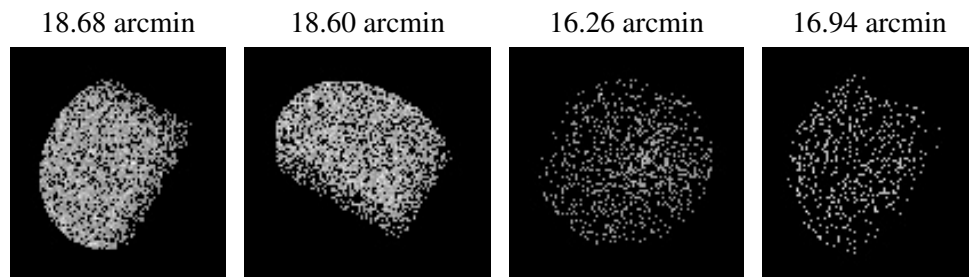
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.844

A.2 Comments

Monitor constraint met.