

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2833 - L2 Version 001
Chandra X-Ray Center

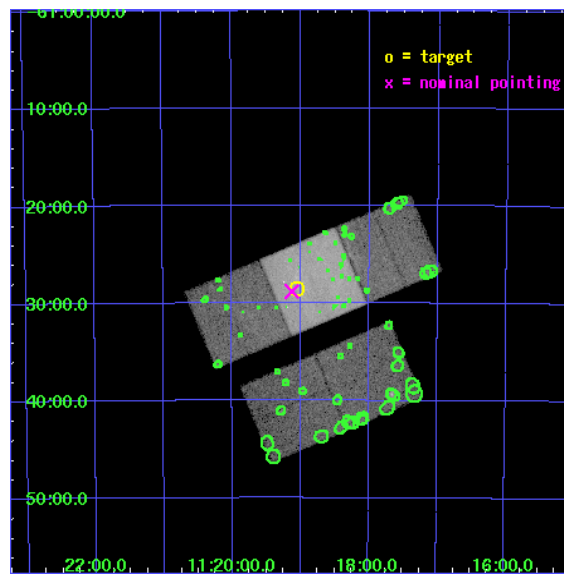
L2 Processing Date : Sep 9 2006

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1 Front

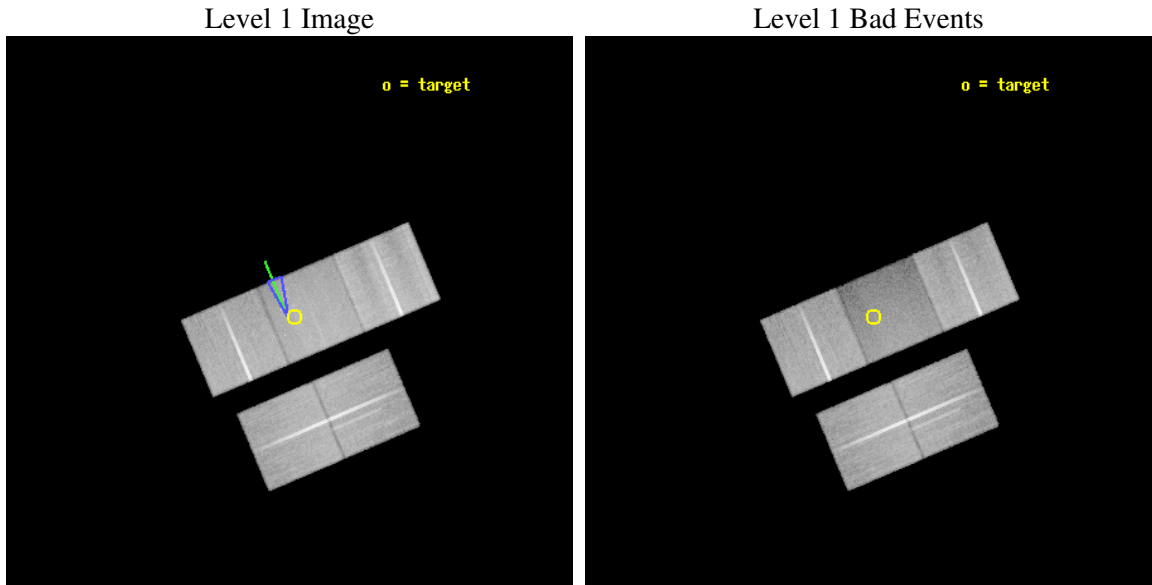
seq_num	500283
obs_id	2833
title	USING CHANDRA TO UNVEIL THE NATURE OF AN INTRIGUING PULSAR-SUPERNOVA REMNANT SYSTEM: PSR J1119-6127 AND G292.2-0.5
observer	Prof. Samar Safi-Harb
object	G292.2-0.5
dtcycle	0
cycle	P
ra_targ	169.764167
dec_targ	-61.475
ra_nom	169.78118304279
dec_nom	-61.480311495557
roll_nom	337.00286986275
revision	2
ontime	57545.299889356
livetime	56793.428182068
ontime2	57532.7359685
ontime3	57535.87693879
ontime6	57539.017918944
ontime7	57545.299889356
ontime8	57539.017948866
l2events	253655



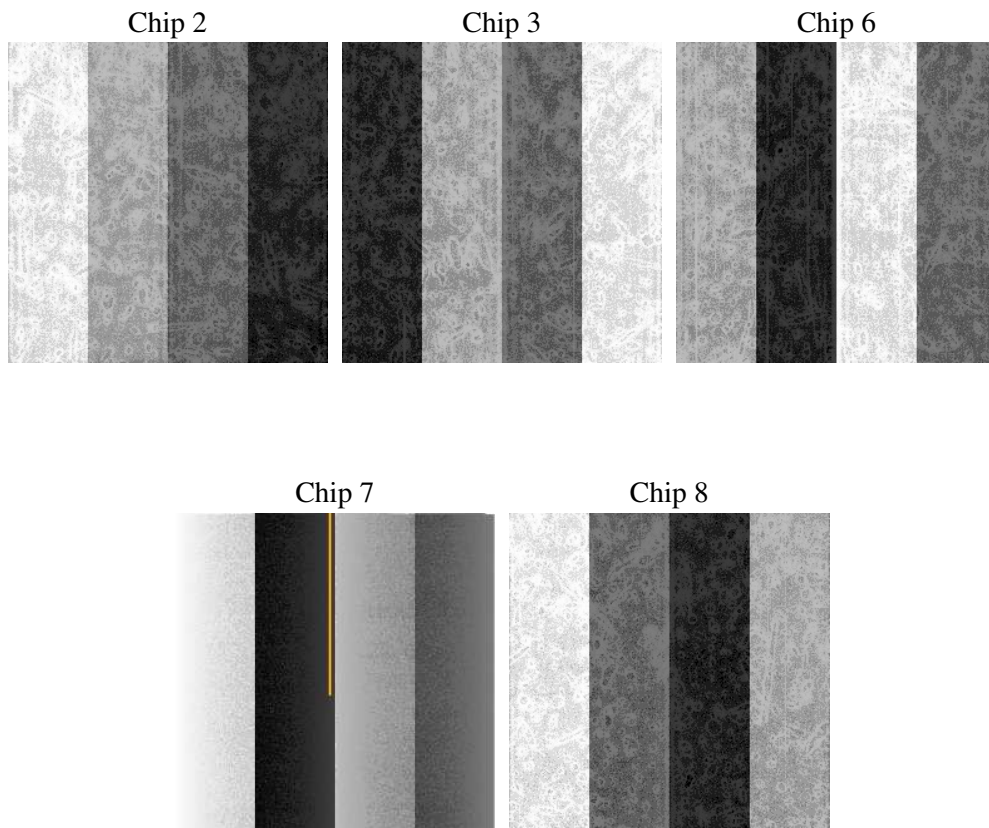
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-09T11:06:49
revision	2

sched_exp_time	57438.638000
ontime	57549.466354847
ontime2	57536.902414083
ontime3	57540.043384373
ontime6	57543.184364527
ontime7	57549.466354847
ontime8	57543.184394449
l1events	1553026

2.1.4 Events

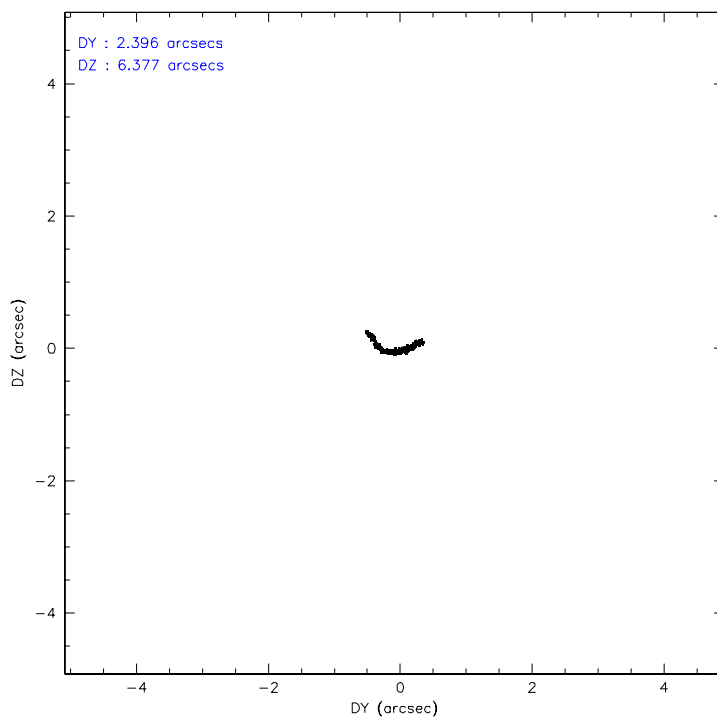
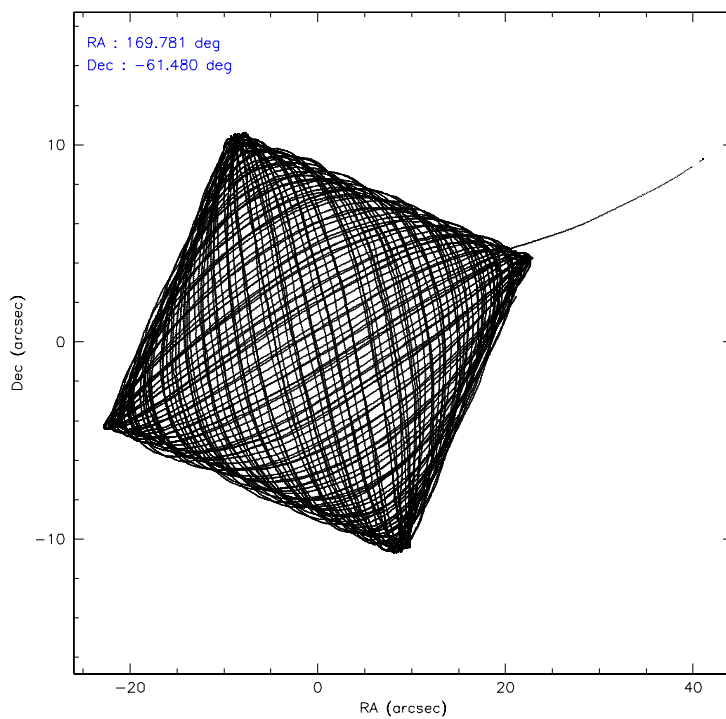
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	302843	291726	301556	286946	369955
rejected events	273036	262812	266499	141294	279251
rejected %	90%	90%	88%	49%	75%

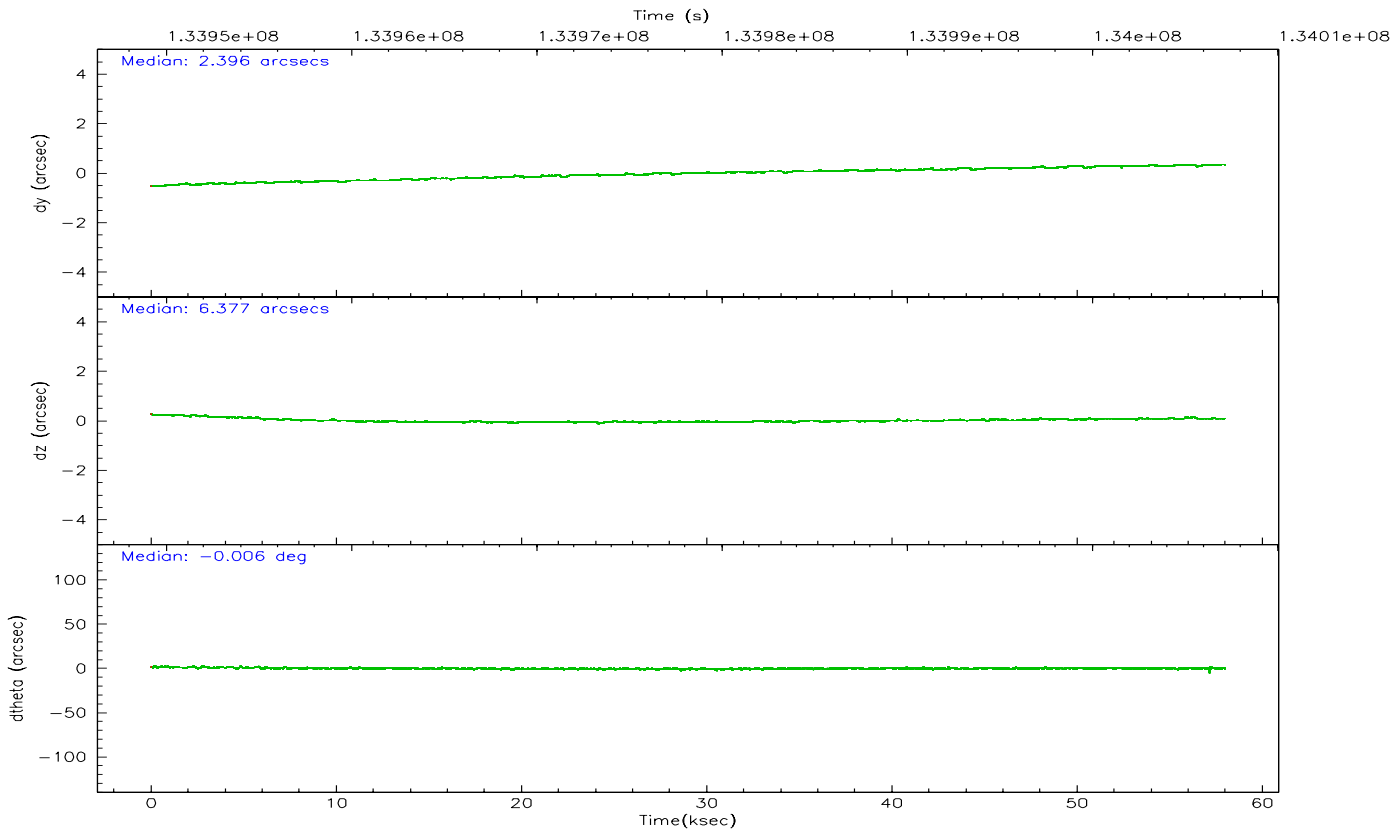
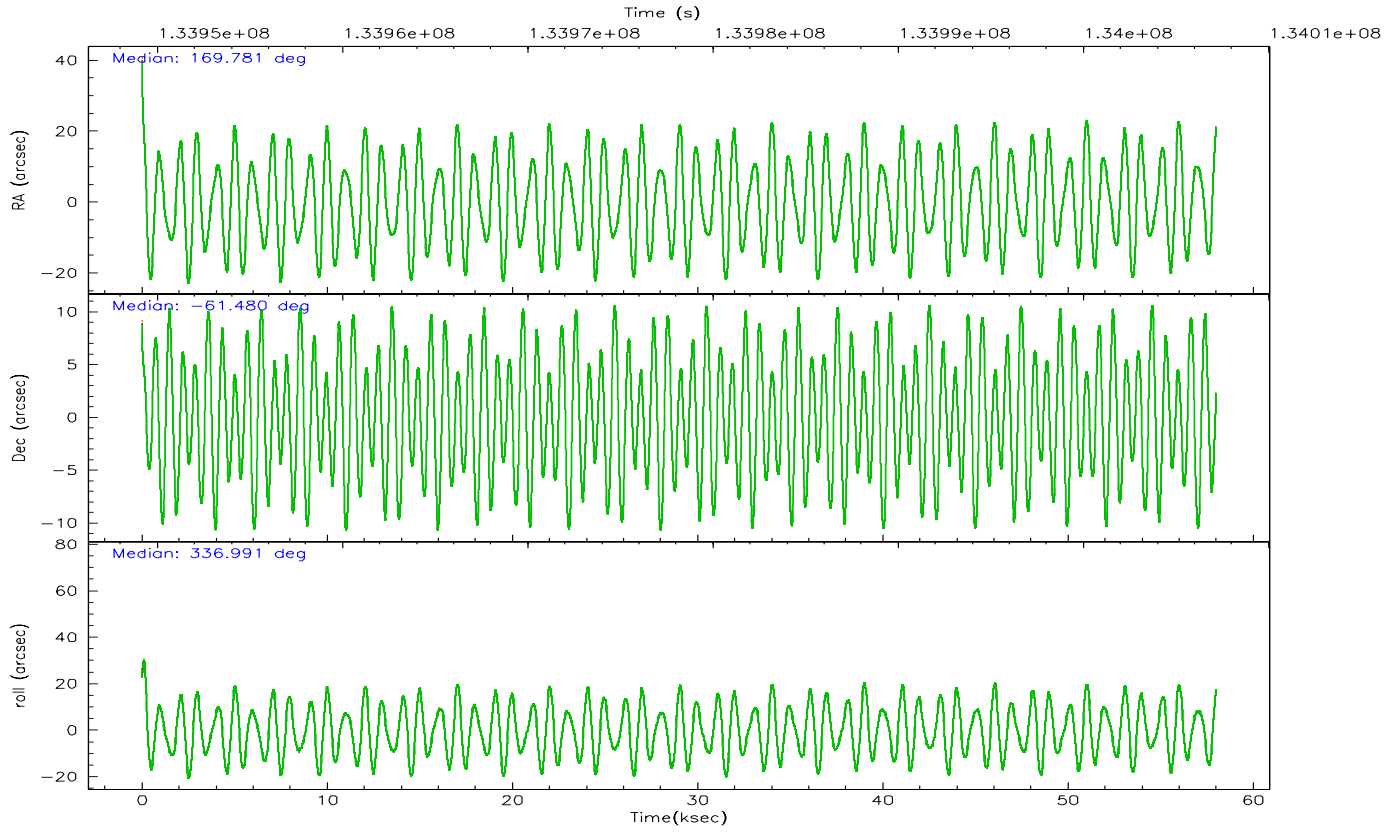
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	12149	12121	15558	13660	29586
	4%	4%	5%	4%	7%
grade 1 events	125	148	157	163	230
	0%	0%	0%	0%	0%
grade 2 events	6433	5647	6801	37553	18622
	2%	1%	2%	13%	5%
grade 3 events	3096	3228	3460	10205	10622
	1%	1%	1%	3%	2%
grade 4 events	3294	3030	3499	10046	9708
	1%	1%	1%	3%	2%
grade 5 events	7266	8709	9335	21286	13587
	2%	2%	3%	7%	3%
grade 6 events	4836	4891	5746	74196	22166
	1%	1%	1%	25%	5%
grade 7 events	265644	253952	257000	119837	265434
	87%	87%	85%	41%	71%

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	169.724618	169.7811830427935	Alternating exposures requested	N	N
Pointing Dec	-61.483950	-61.48031149555686	Primary exposure time	0.000000	3.1
Pointing Roll	336.796540	337.0028698627463			
Roll angle	340.000000	340.000000			
Roll tolerance	10.000000	10.000000			
Roll constraint allows 180D rotation	N	N			
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	133949731.184000	133948573.5859			
Observation start date	2002-03-31T08:14:27	2002-03-31T07:56:13			
Observation end time	134007170.184000	134008008.72581			
Observation end date	2002-04-01T00:11:46	2002-04-01T00:26:48			
Read mode	TIMED	TIMED			

2.3 Aspect



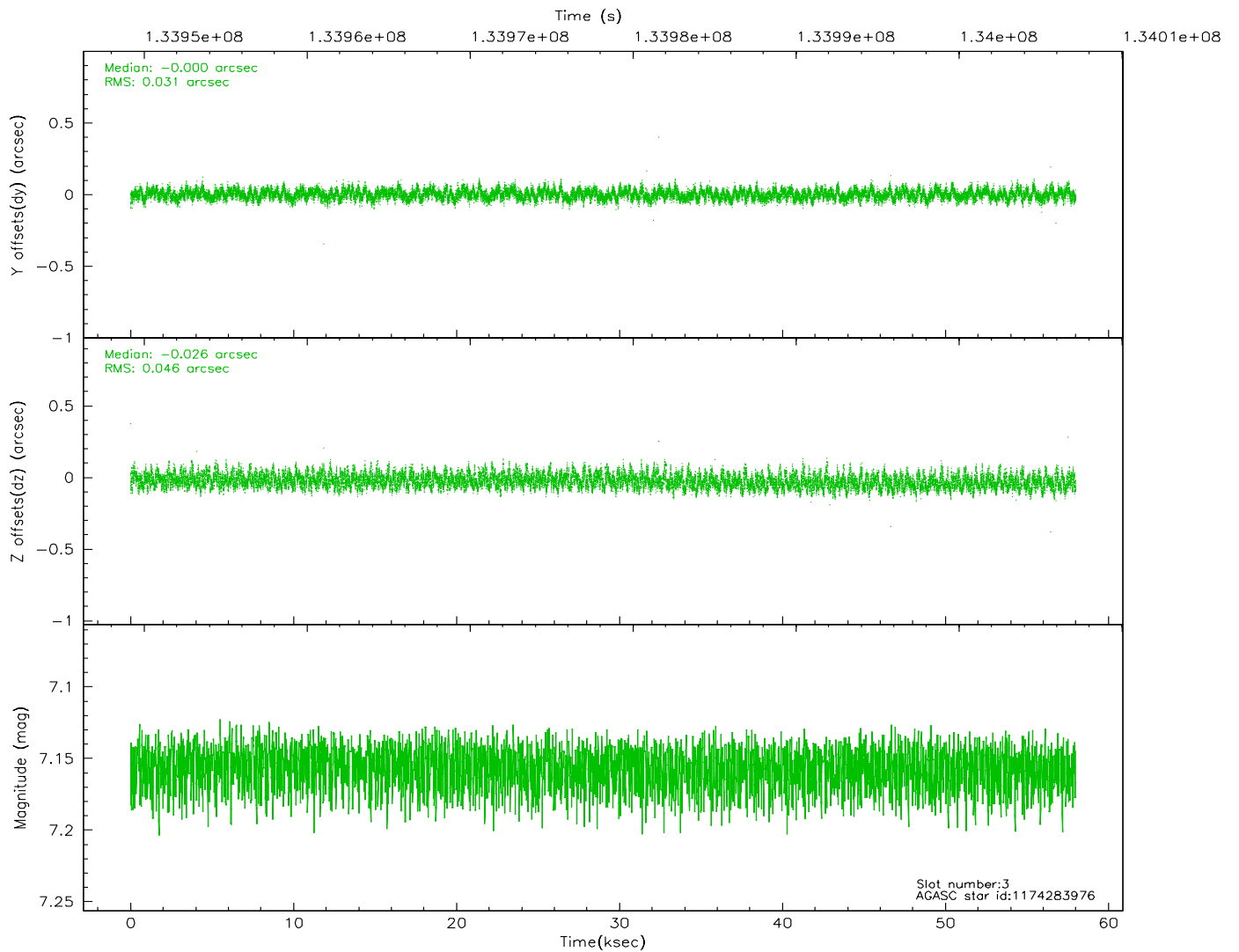
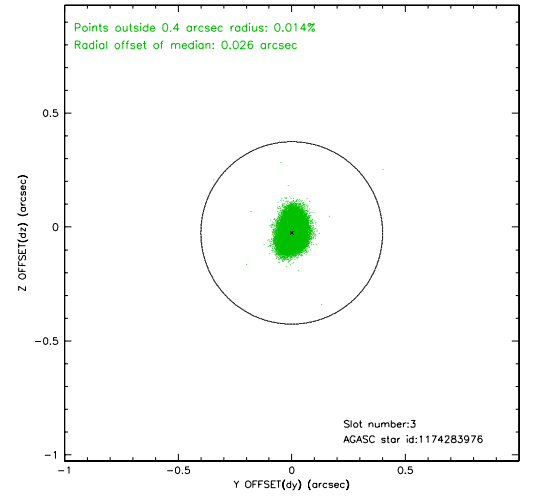
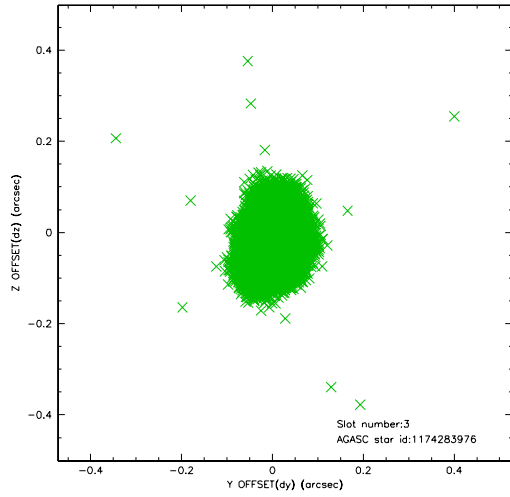


Slot Statistics

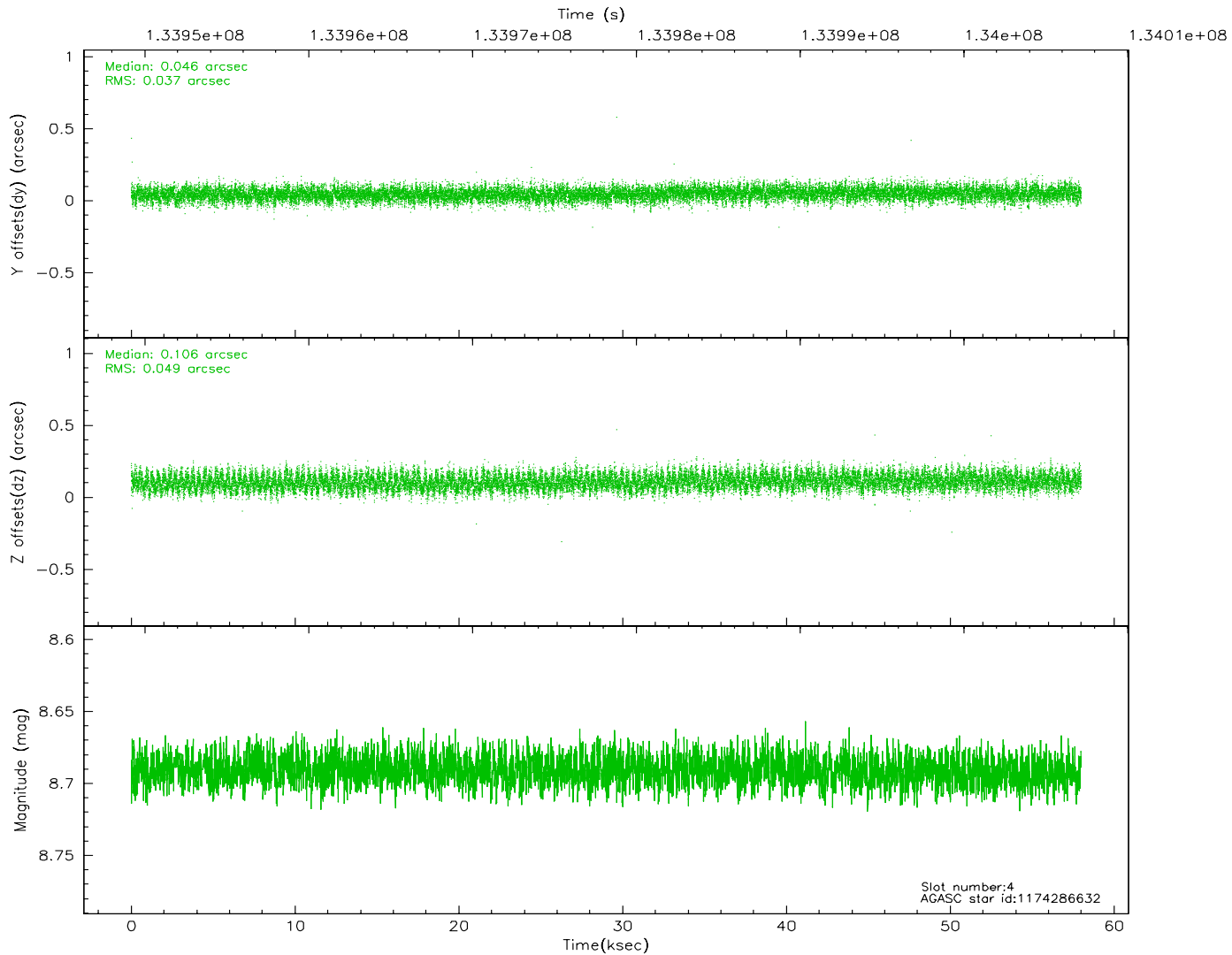
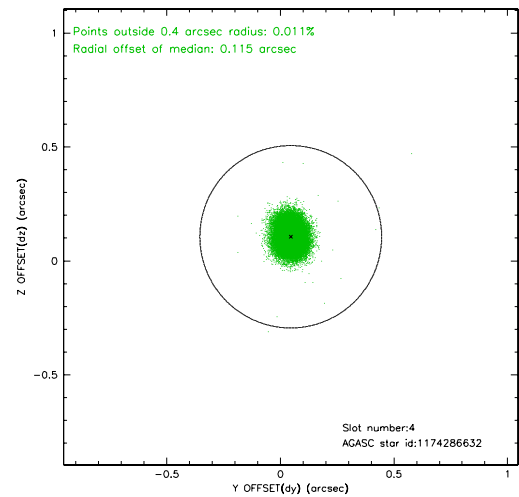
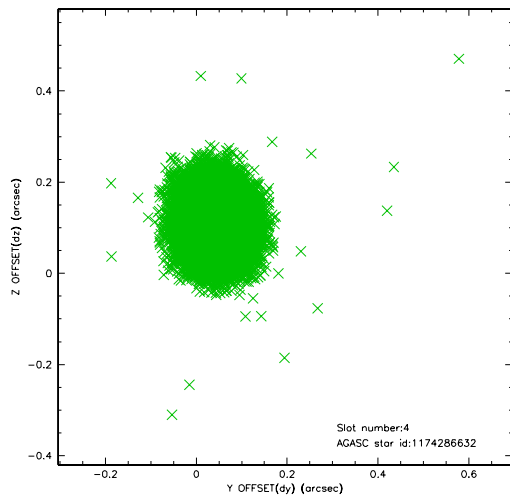
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.94	14147	-0.004	-0.018	0.009	0.017	0.000000	0.000000	941.05	-1723.19
1	FID	ACIS-S-5	6.99	14147	0.027	0.013	0.011	0.019	0.000000	0.000000	-1807.94	174.43
2	FID	ACIS-S-6	7.10	14147	-0.045	0.017	0.011	0.016	0.000000	0.000000	406.60	818.35
3	GUIDE	1174283976	7.16	28292	-0.000	-0.026	0.059	0.095	170.390254	-61.226219	697.49	1301.63
4	GUIDE	1174286632	8.69	28283	0.046	0.106	0.066	0.104	169.069142	-61.673672	-756.43	-1074.38
5	GUIDE	1174808080	8.71	28277	-0.019	0.117	0.084	0.138	169.528961	-61.918631	313.33	-1569.54
6	GUIDE	1174800664	9.16	28286	0.007	0.038	0.071	0.117	170.079972	-61.945807	1210.08	-1292.77
7	GUIDE	1174294816	6.86	28294	-0.036	-0.238	0.047	0.080	170.412360	-60.991172	407.74	2097.23

2.4 Star Slots

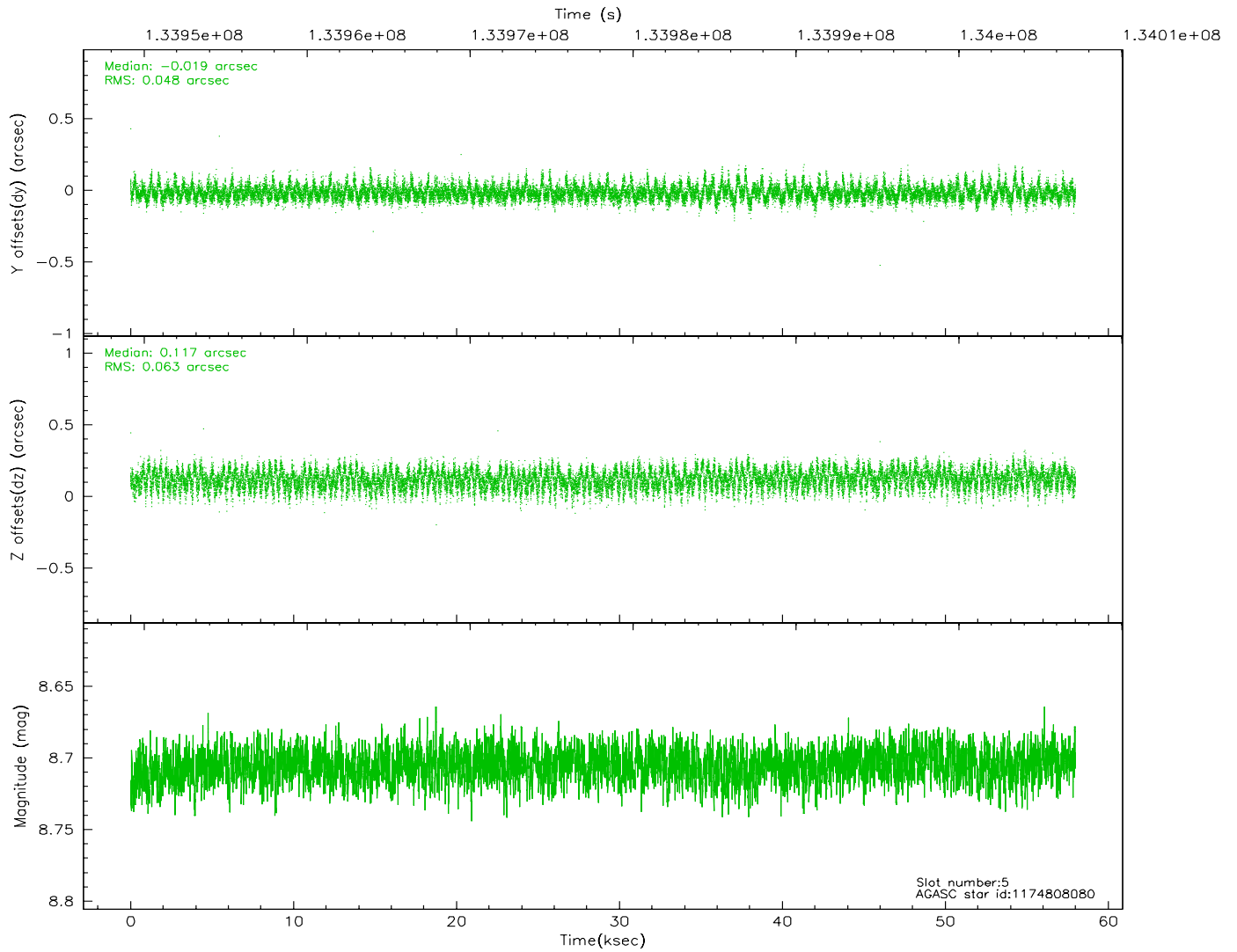
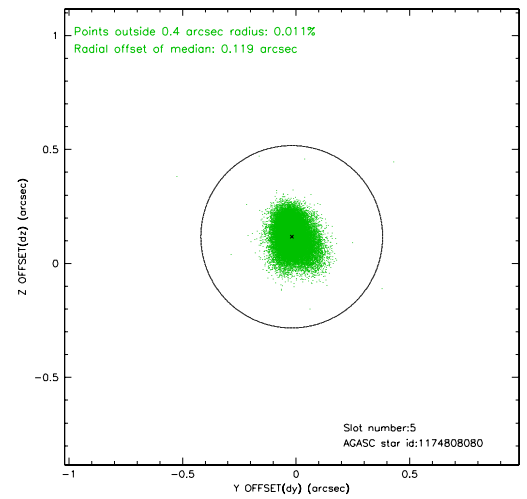
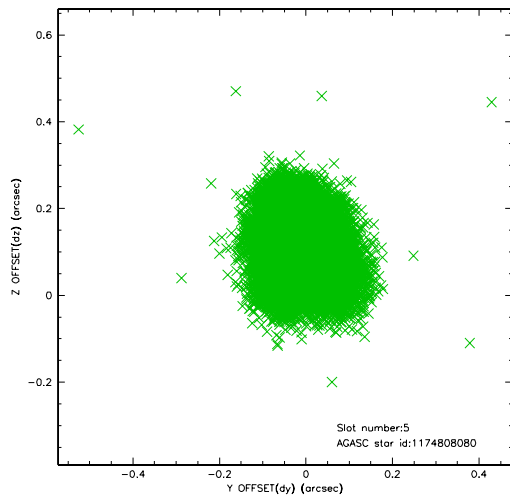
2.4.1 Slot 3



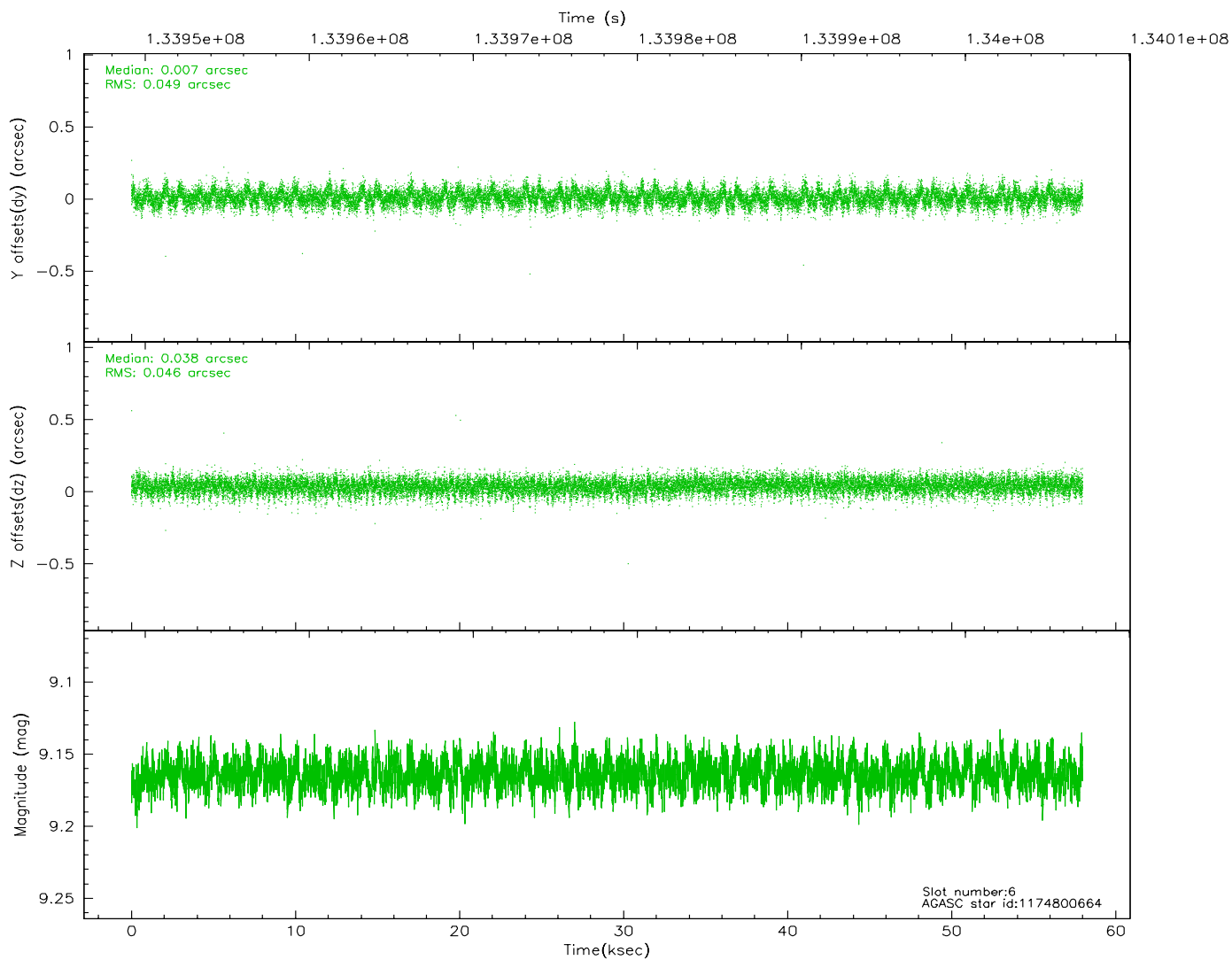
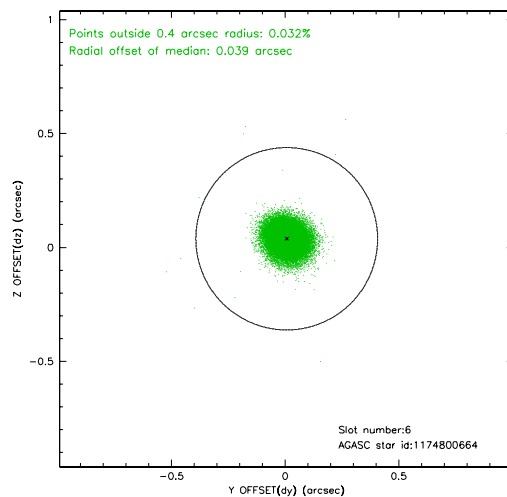
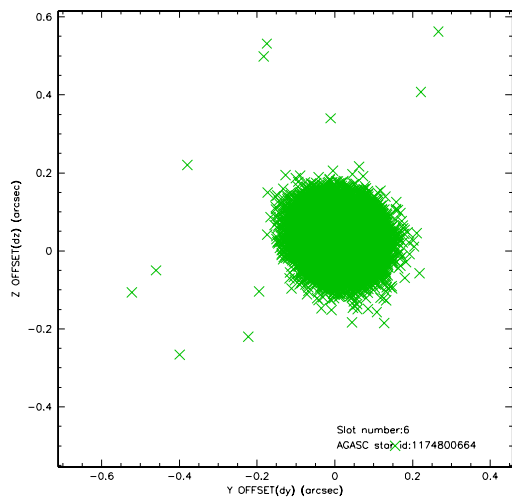
2.4.2 Slot 4



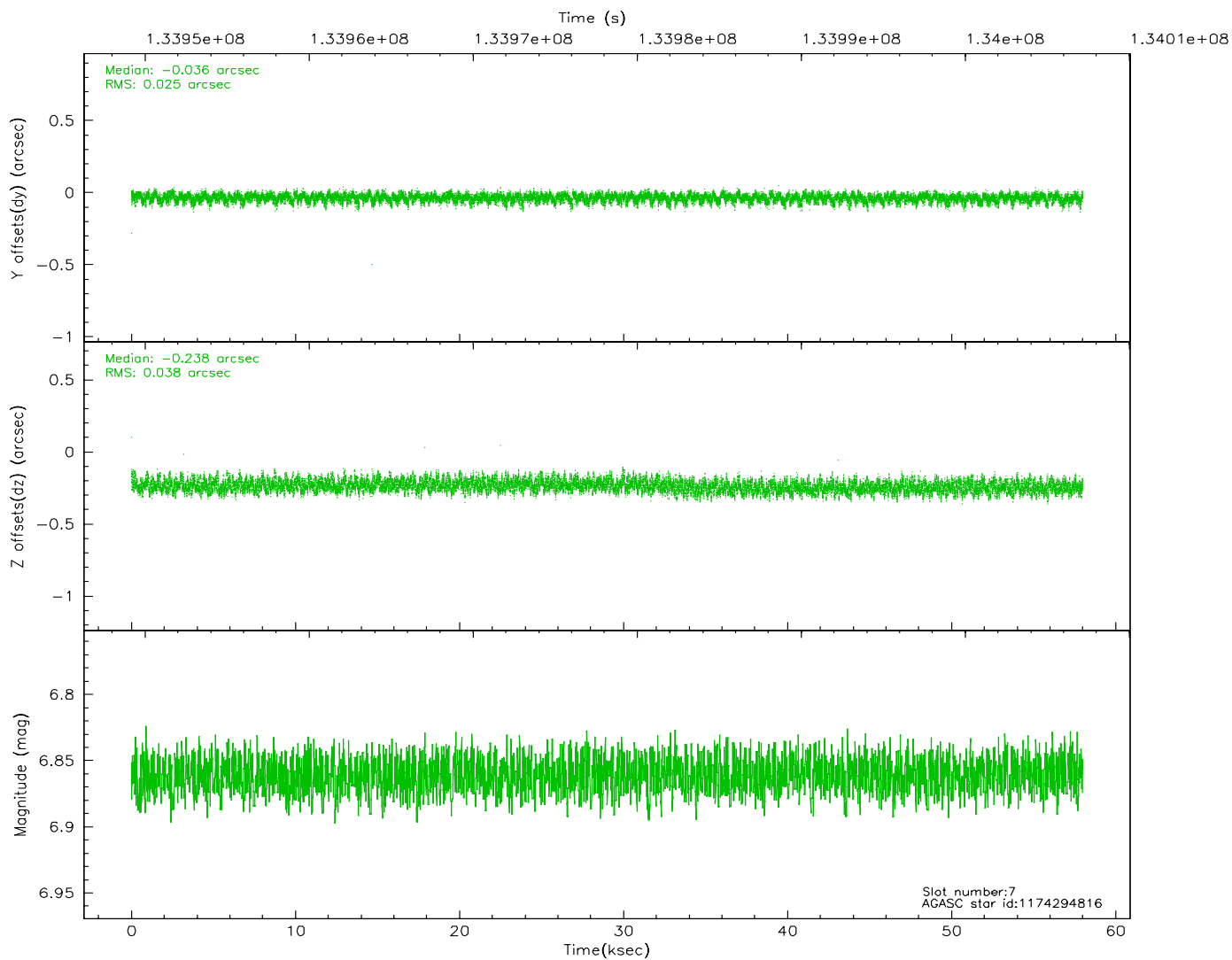
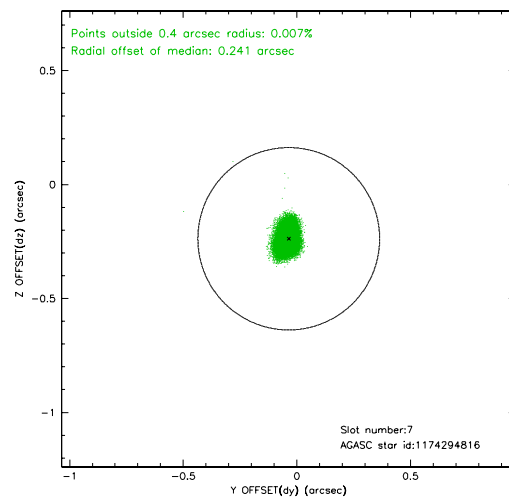
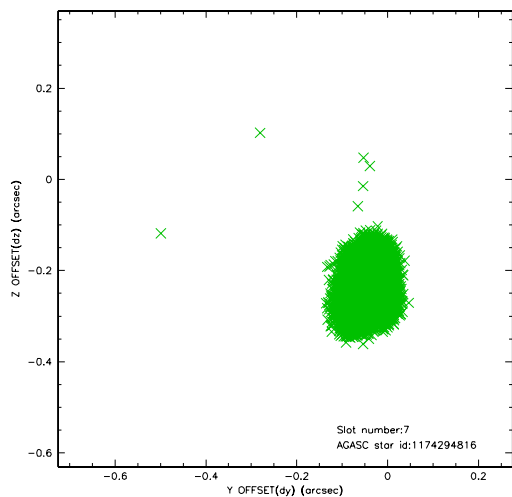
2.4.3 Slot 5



2.4.4 Slot 6

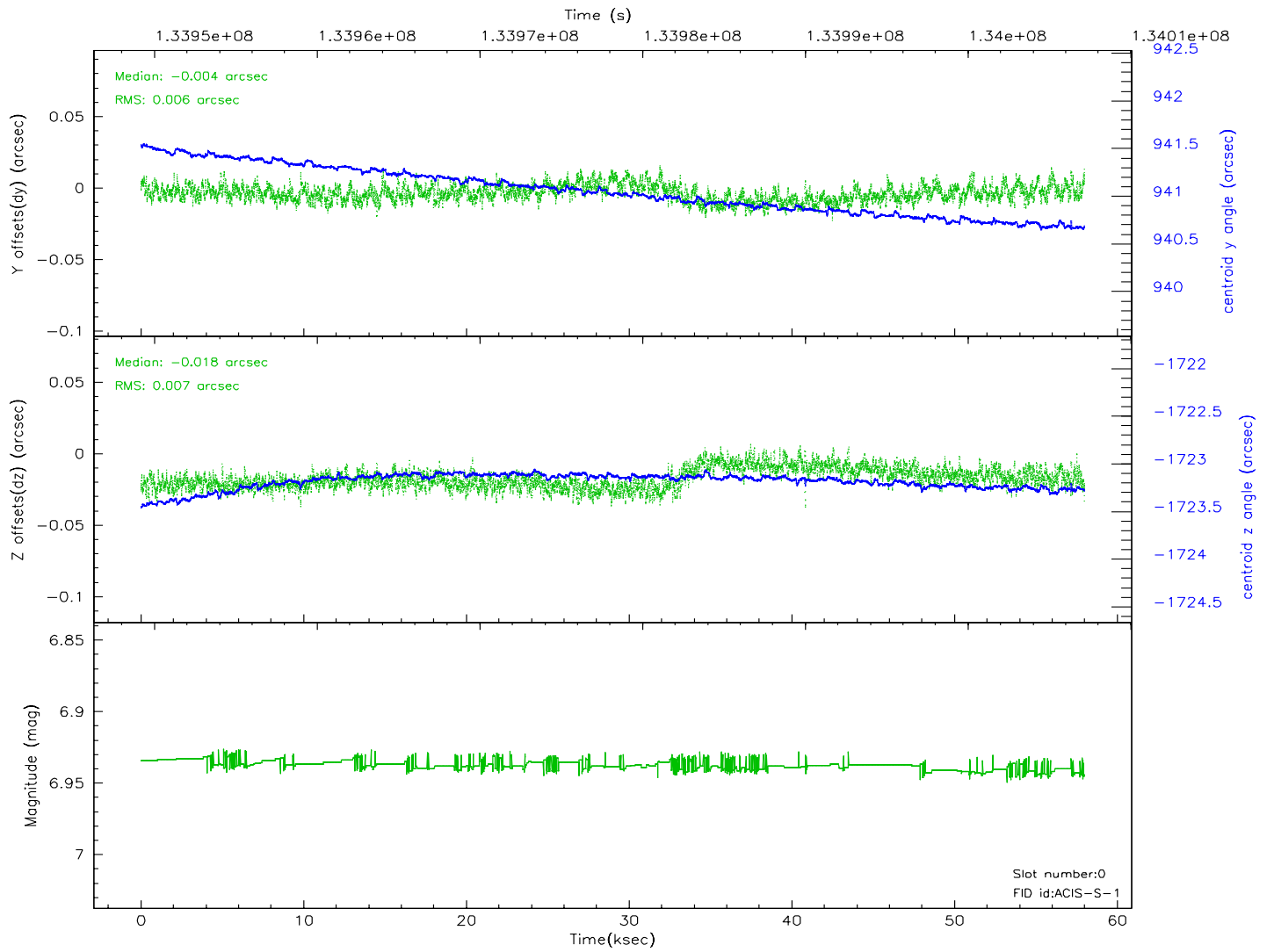
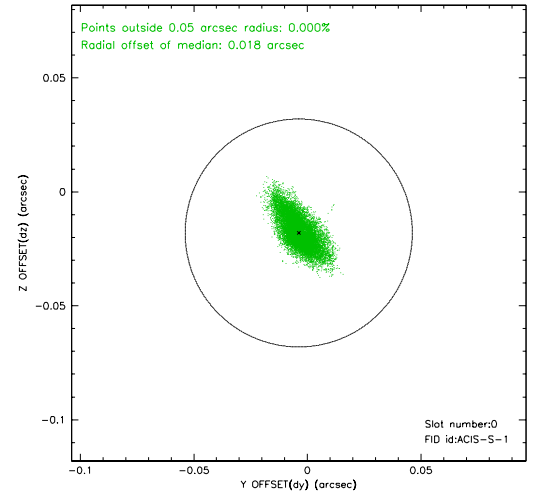
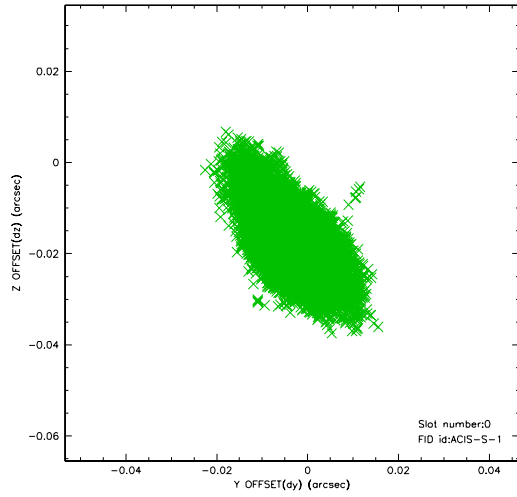


2.4.5 Slot 7

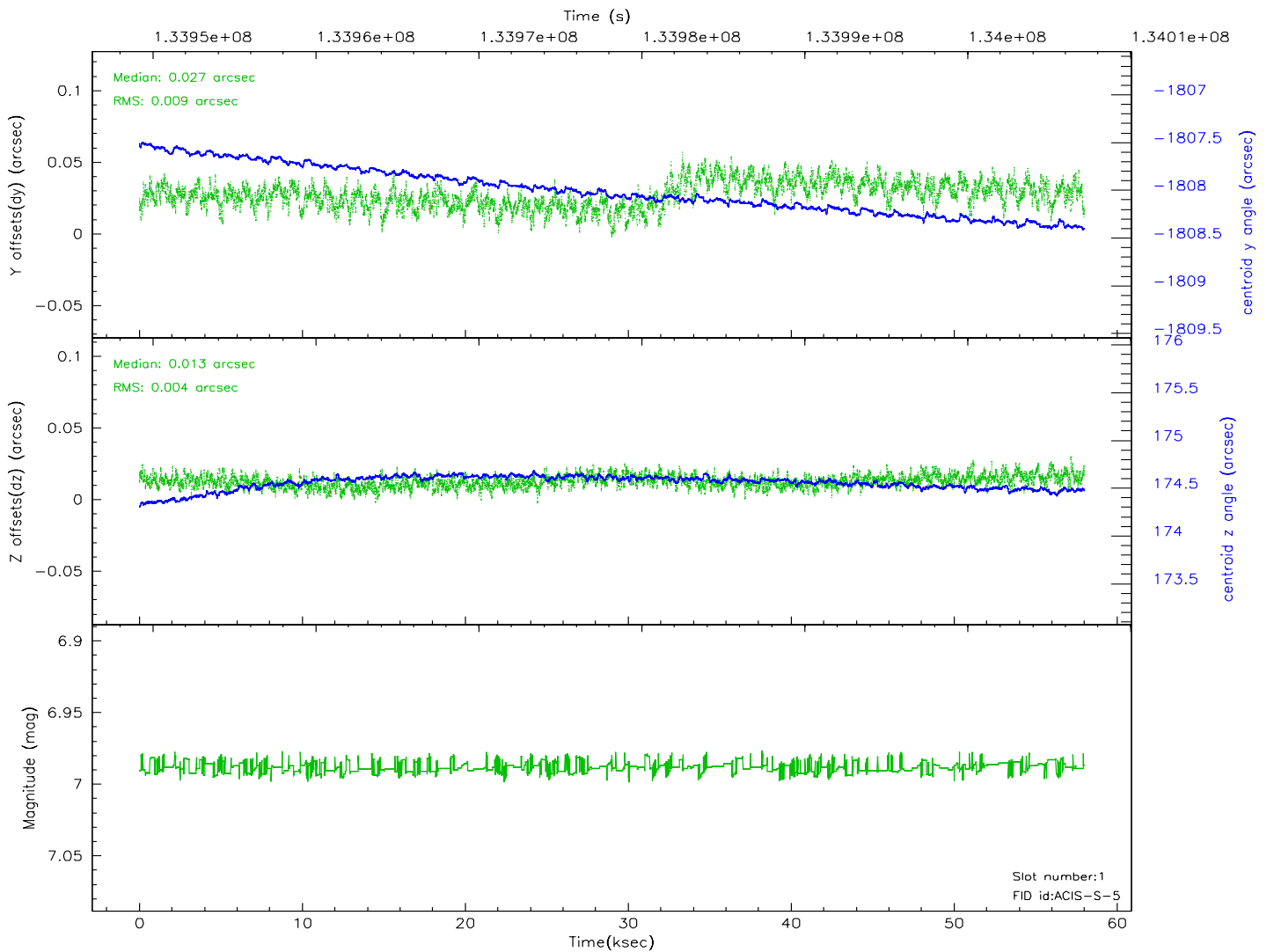
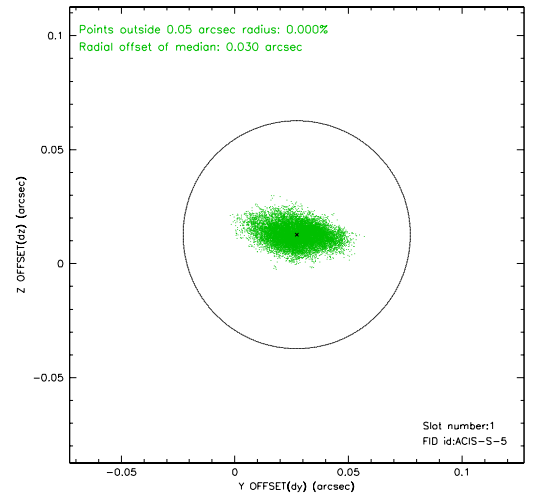
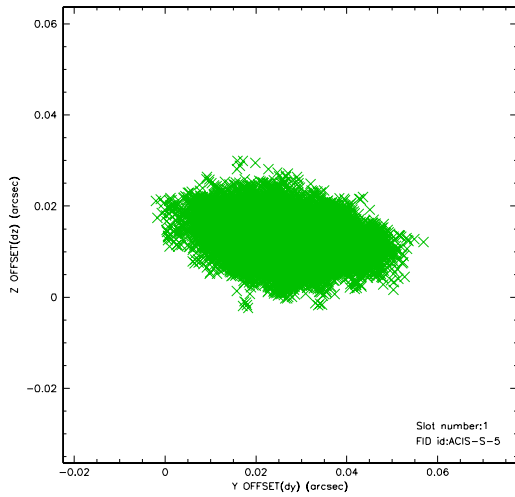


2.5 FID Slots

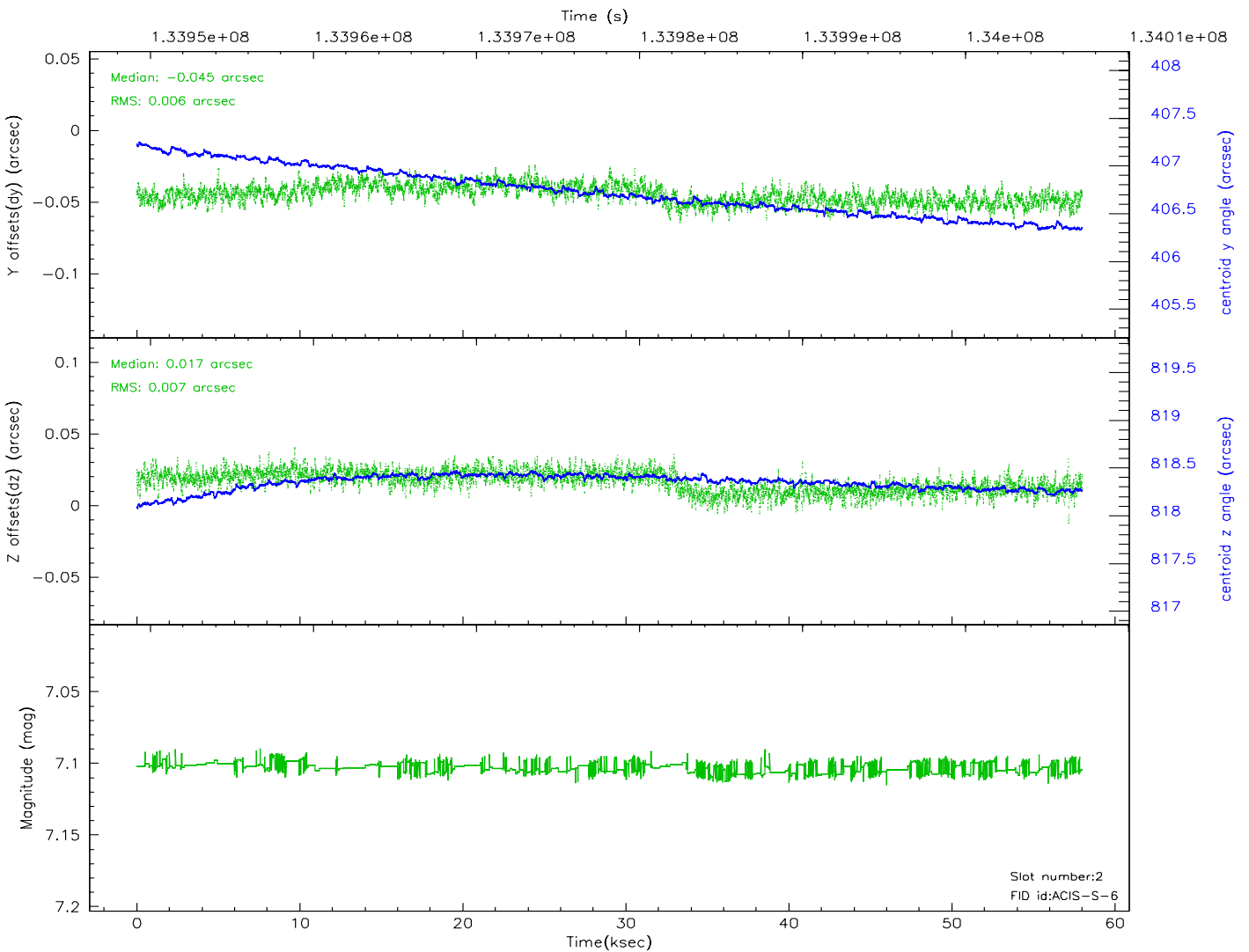
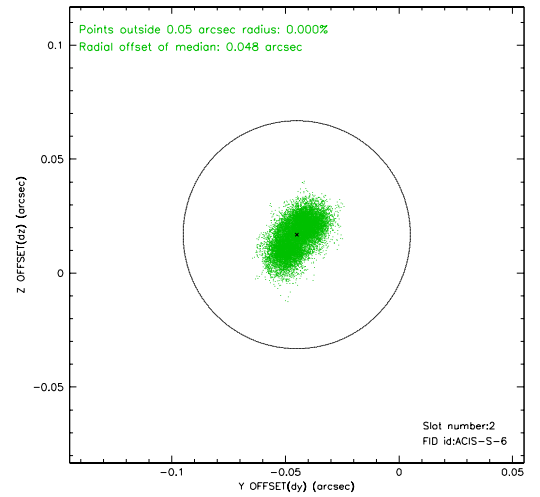
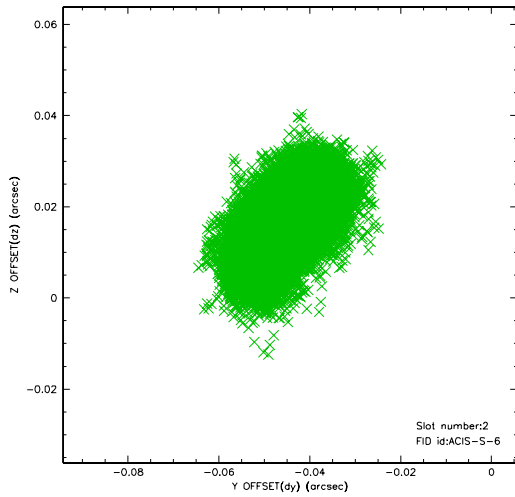
2.5.1 Slot 0



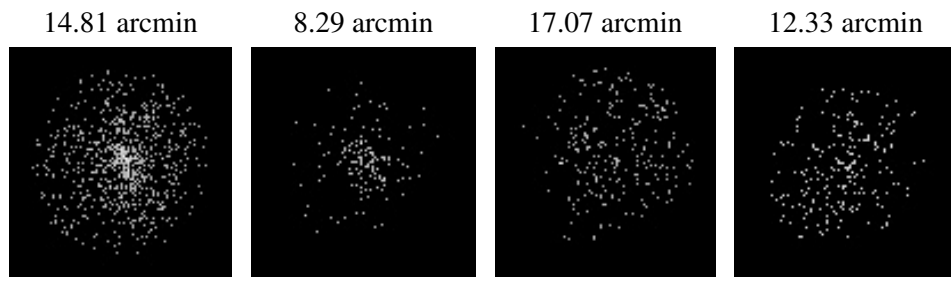
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	57.548

A.2 Comments

Roll constraint met.