

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2860 - L2 Version 001
Chandra X-Ray Center

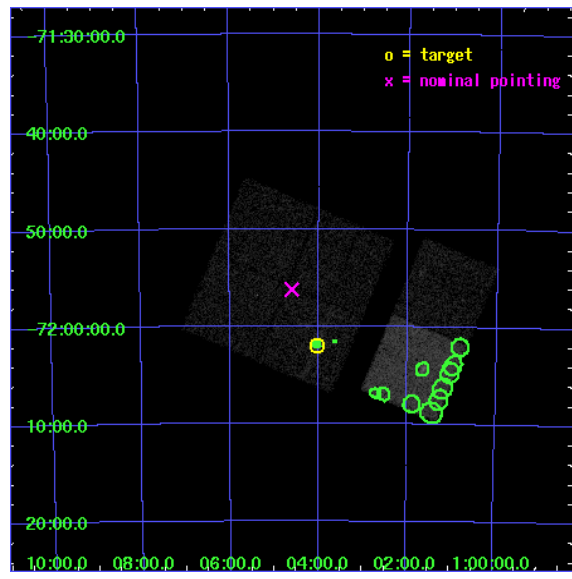
L2 Processing Date : Sep 20 2006

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1 Front

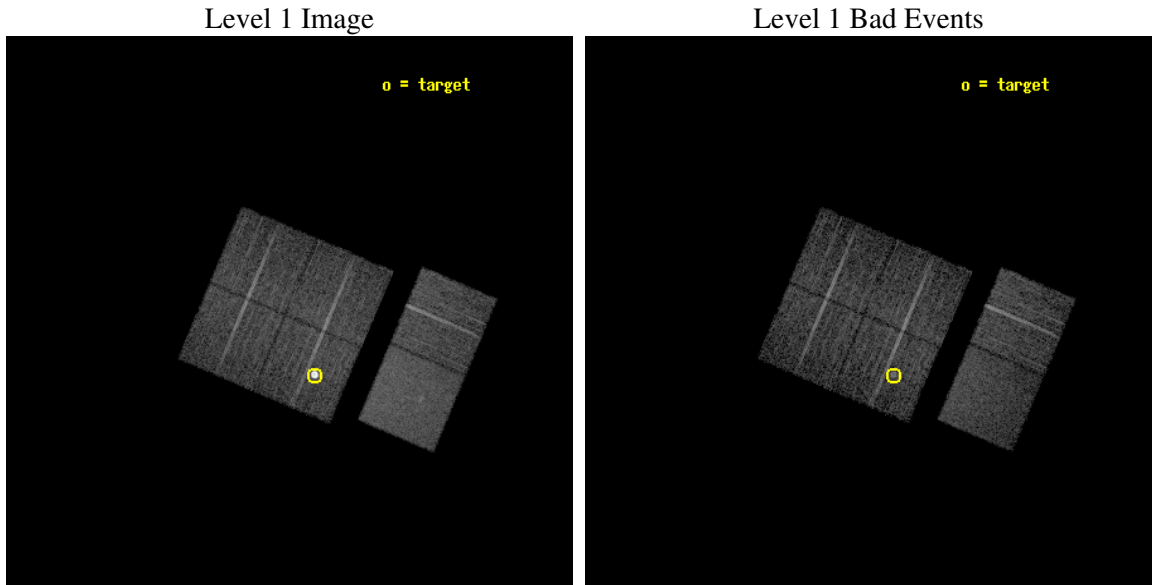
seq_num	590249
obs_id	2860
title	AO3B ACIS-I CALIBRATION OBSERVATIONS OF E0102-72
observer	Dr. CXC Calibration
object	E0102-72.3 [Chip I3, T=120, Offsets=-4,4,0]
dtcycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.150542897936
dec_nom	-71.936936741356
roll_nom	112.94696599432
revision	2
ontime	7654.3999714851
livetime	7557.4753501199
ontime0	7654.3999714851
ontime1	7654.3999714851
ontime2	7654.3999714851
ontime3	7654.3999714851
ontime6	7654.3999714851
ontime7	7654.3999714851
l2events	74473



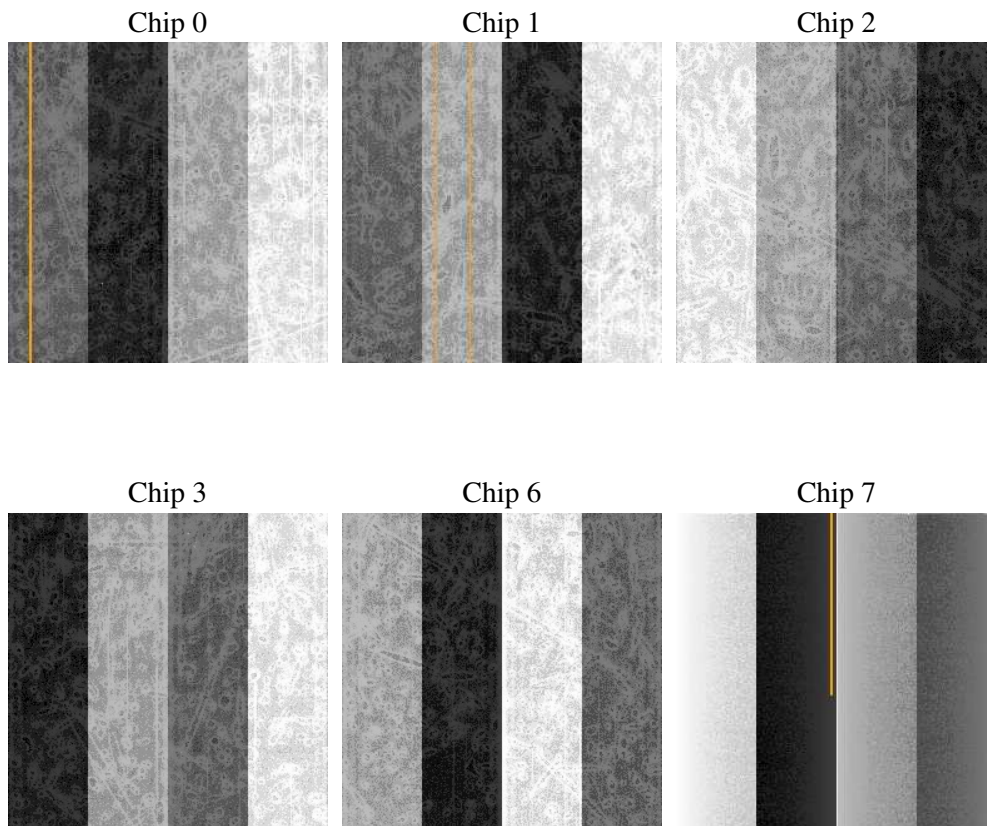
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-20T22:39:51
revision	2

sched_exp_time	7900.000000
ontime	7661.7254637182
ontime0	7664.9664837718
ontime1	7664.9664837718
ontime2	7661.7254437804
ontime3	7661.7254637182
ontime6	7661.7254637182
ontime7	7661.7254637182
l1events	332554

2.1.4 Events

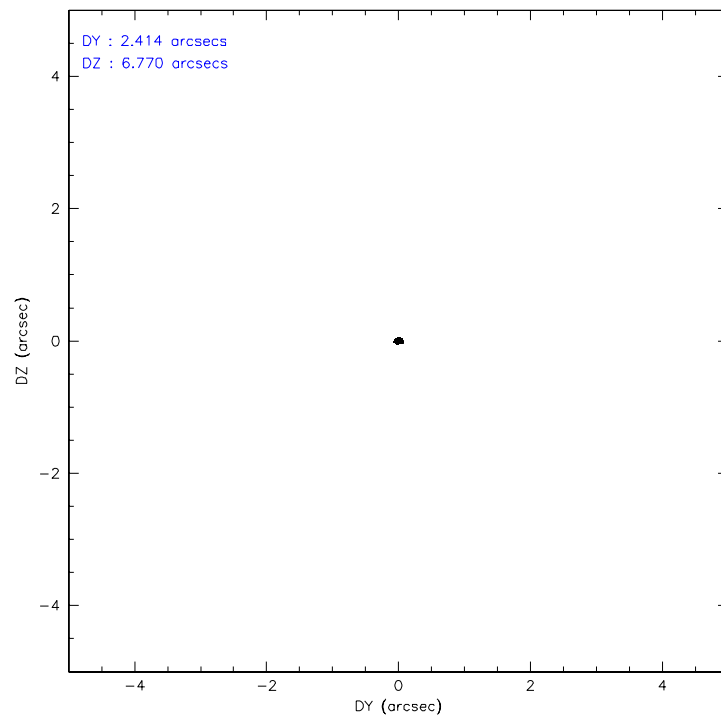
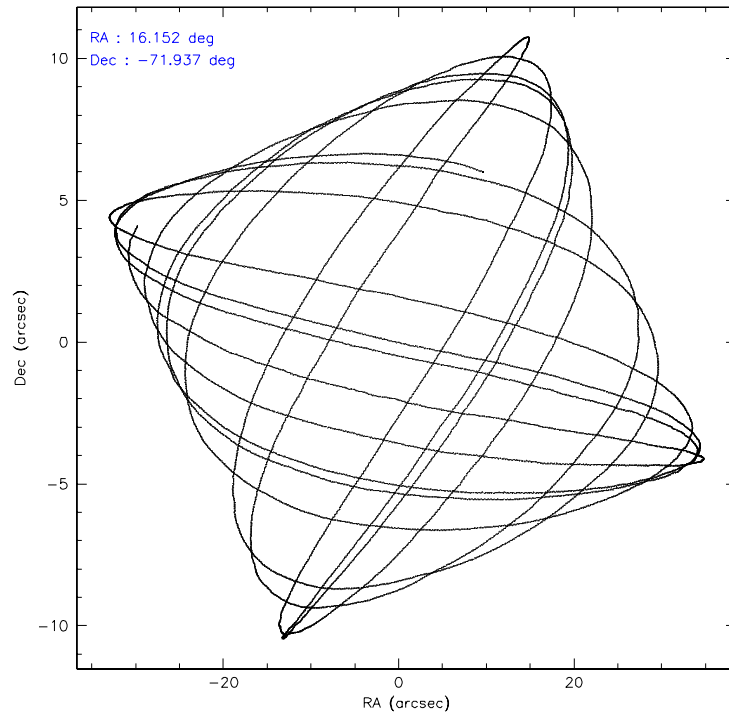
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	45533	44940	49698	73591	53726	65066
rejected events	39678	38785	43971	43024	47672	40087
rejected %	87%	86%	88%	58%	88%	61%

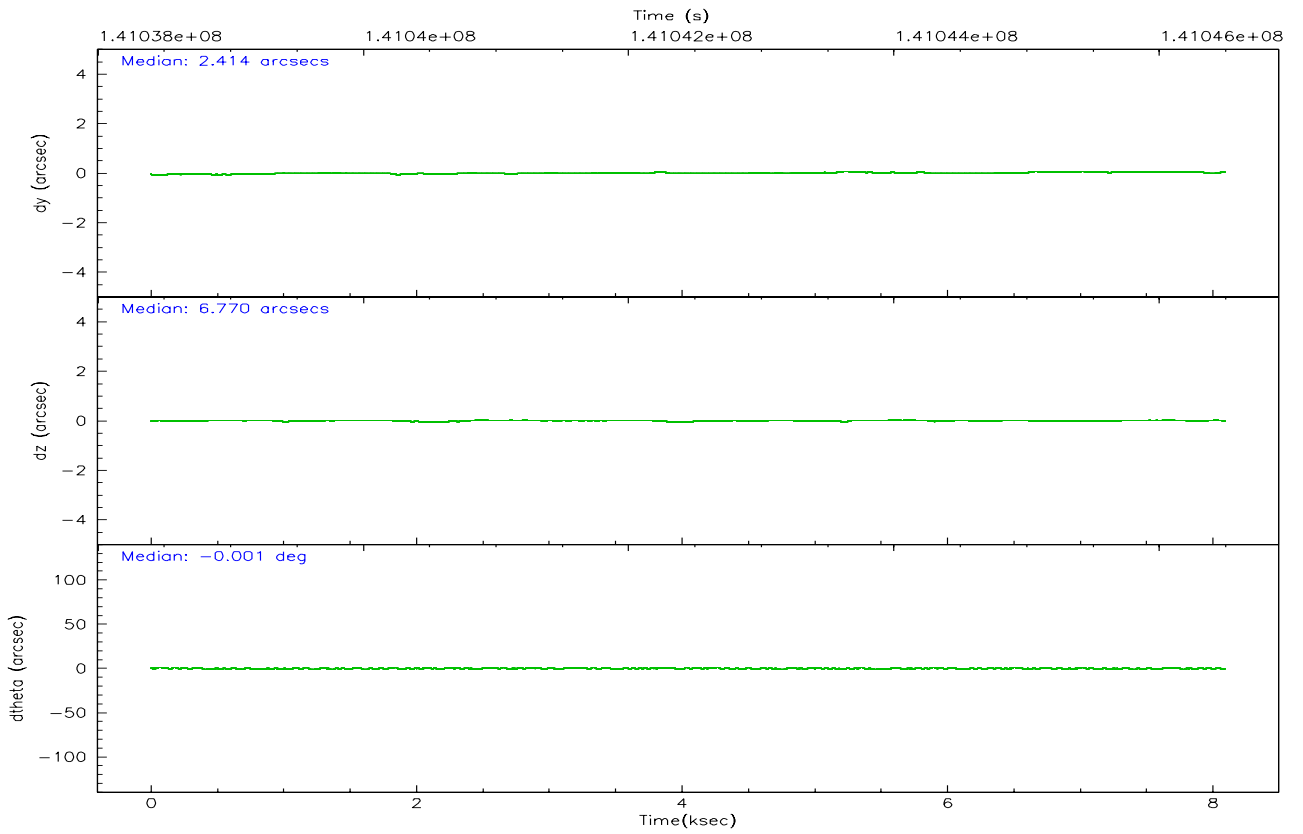
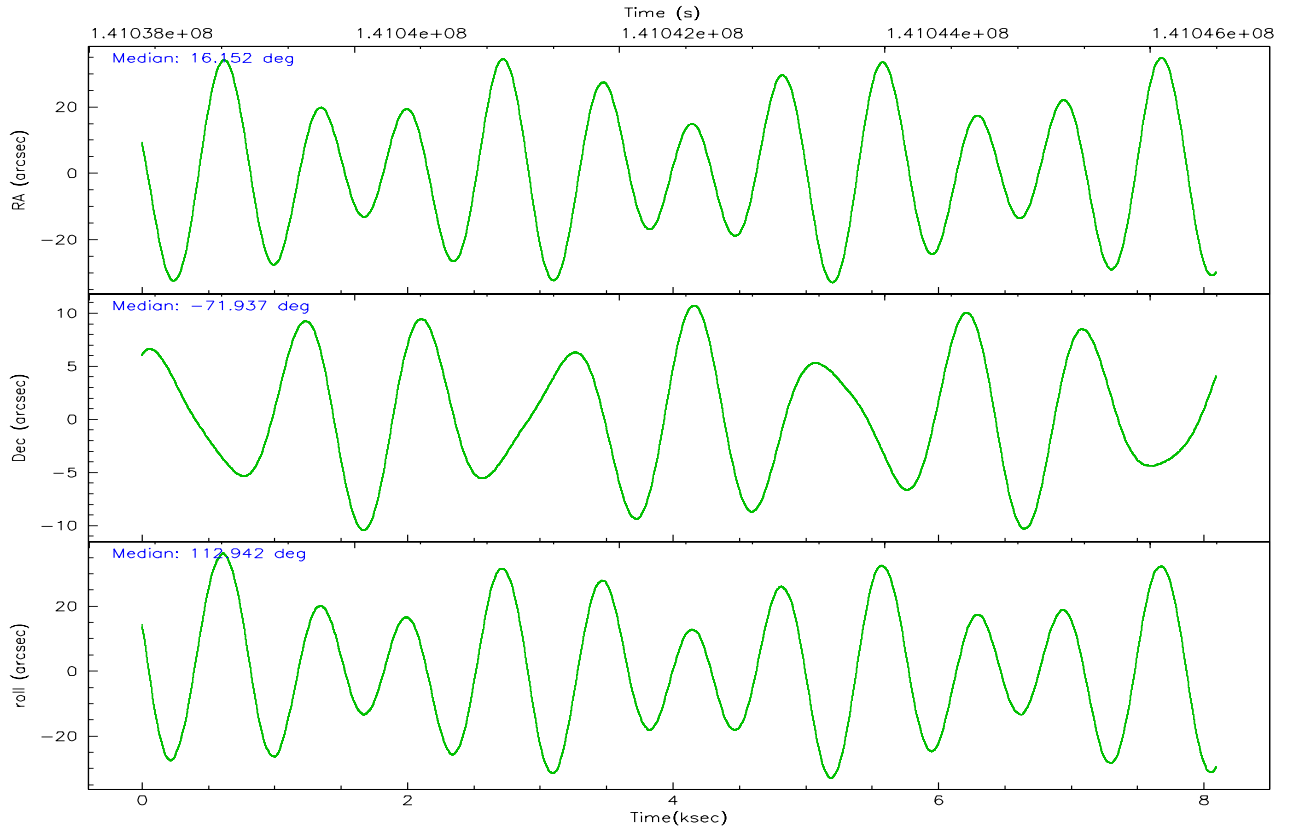
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2502	2523	2467	24519	2494	1649
	5%	5%	4%	33%	4%	2%
grade 1 events	31	30	23	202	21	48
	0%	0%	0%	0%	0%	0%
grade 2 events	1178	1277	1257	2887	1200	6107
	2%	2%	2%	3%	2%	9%
grade 3 events	571	653	530	998	575	1302
	1%	1%	1%	1%	1%	2%
grade 4 events	549	587	522	1004	576	1350
	1%	1%	1%	1%	1%	2%
grade 5 events	1843	2039	1668	2101	2228	4418
	4%	4%	3%	2%	4%	6%
grade 6 events	1060	1121	957	1182	1211	14589
	2%	2%	1%	1%	2%	22%
grade 7 events	37799	36710	42274	40698	45421	35603
	83%	81%	85%	55%	84%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	16.221453	16.15054289793613	Subarray requested	NONE	NONE
Pointing Dec	-71.953351	-71.93693674135616	Alternating exposures requested	N	N
Pointing Roll	112.805700	112.9469659943224	Primary exposure time	0.000000	3.2
Window start time	139276864.184000	139276864.184000			
Window stop time	141782464.184000	141782464.184000			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	141038593.184000	141038217.51243			
Observation start date	2002-06-21T09:22:09	2002-06-21T09:16:57			
Observation end time	141046493.184000	141046627.12527			
Observation end date	2002-06-21T11:33:49	2002-06-21T11:37:07			
Read mode	TIMED	TIMED			

2.3 Aspect



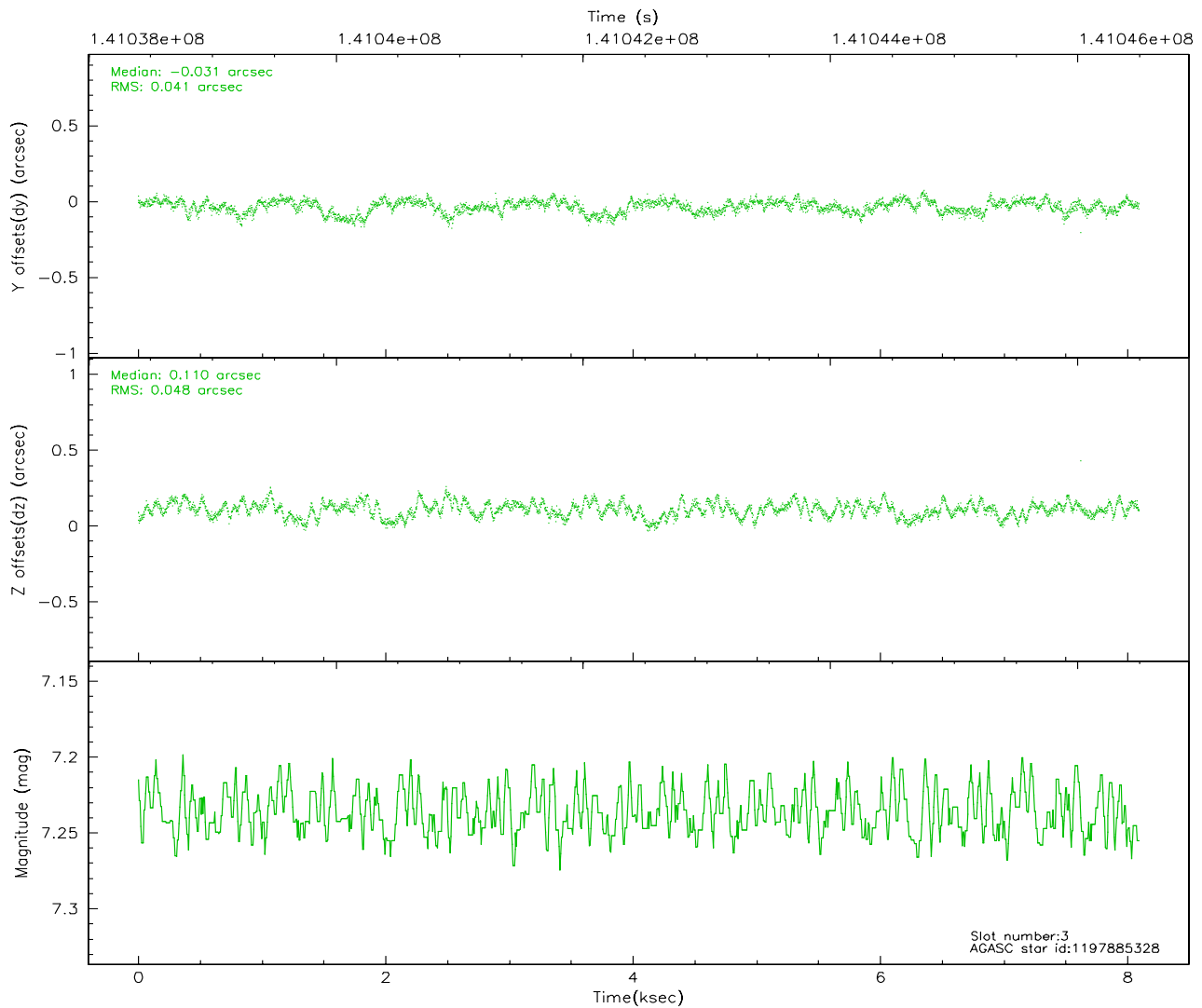
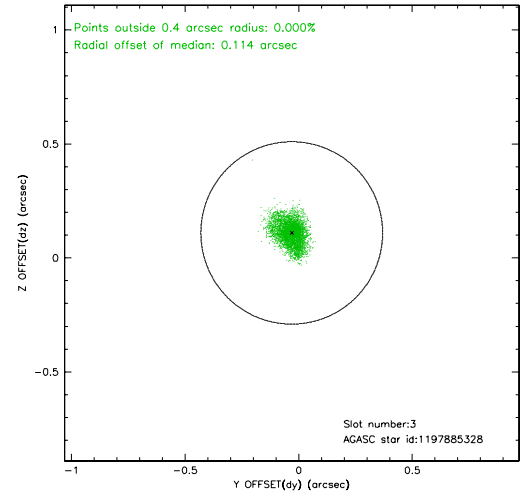
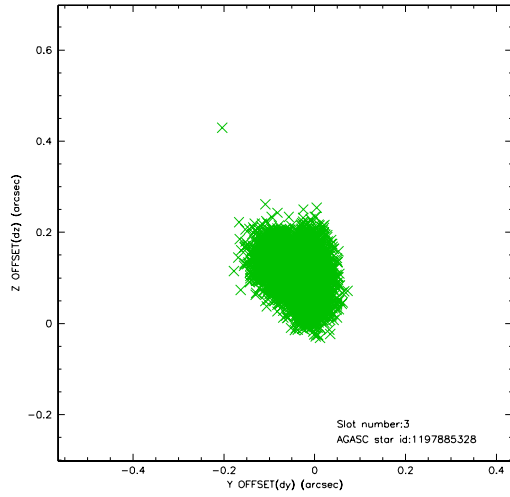


Slot Statistics

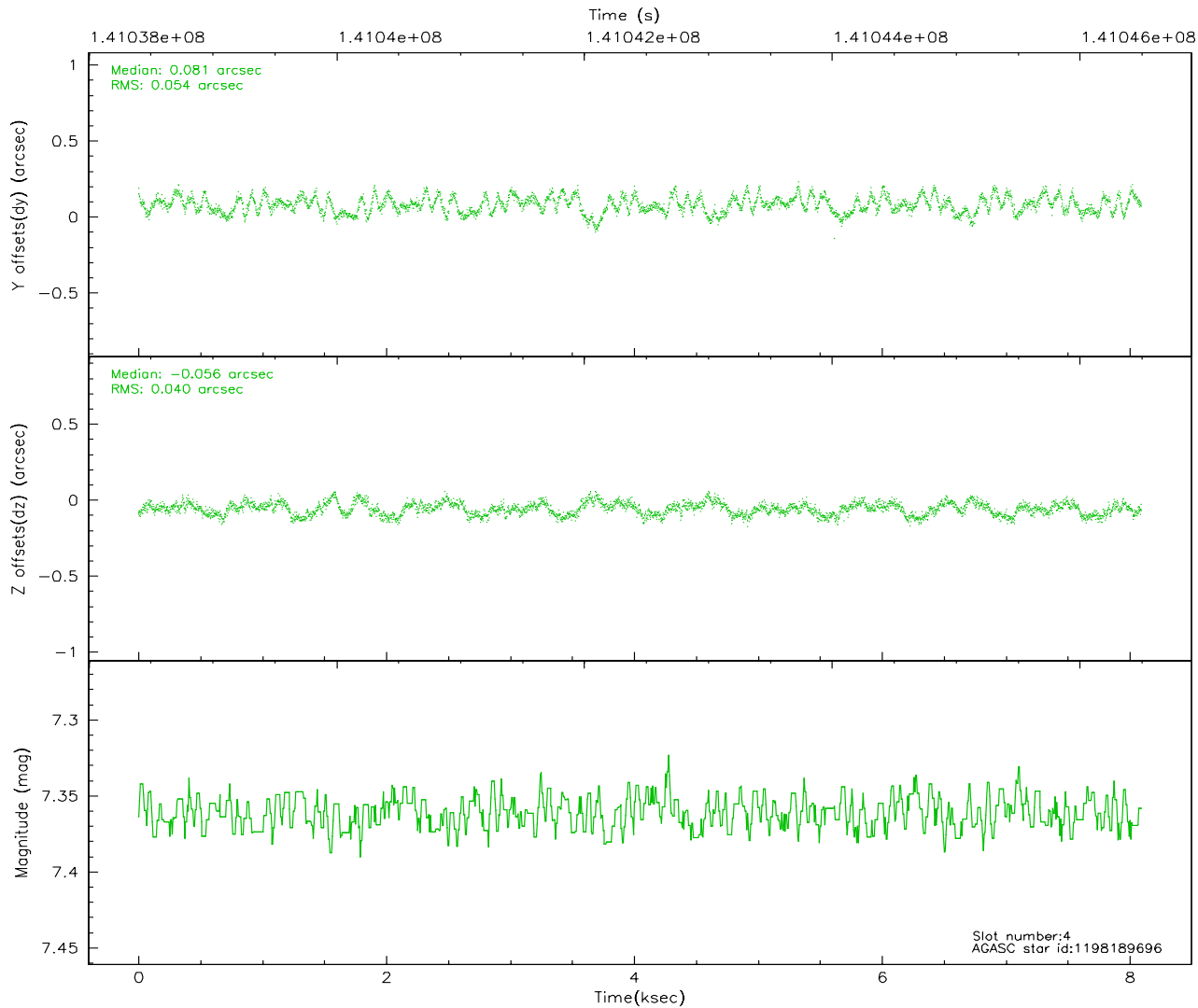
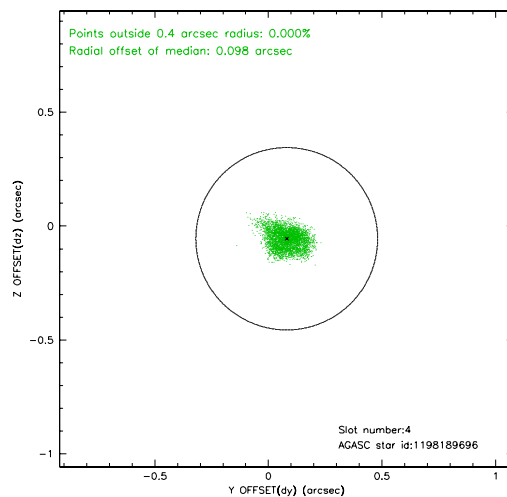
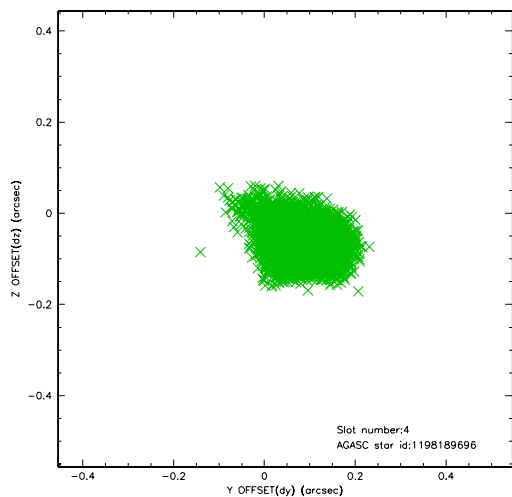
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1974	-0.022	0.041	0.006	0.010	0.000000	0.000000	937.35	-830.13
1	FID	ACIS-I-5	7.24	1974	-0.021	0.041	0.006	0.010	0.000000	0.000000	-1810.33	1067.07
2	FID	ACIS-I-6	7.26	1974	-0.048	-0.011	0.006	0.011	0.000000	0.000000	402.18	1712.26
3	GUIDE	1197885328	7.24	3949	-0.031	0.110	0.068	0.108	16.283090	-71.733943	701.90	-369.49
4	GUIDE	1198189696	7.36	3949	0.081	-0.056	0.073	0.113	15.223750	-72.697522	-2063.00	2027.08
5	GUIDE	1197750936	7.58	3949	-0.074	-0.103	0.083	0.118	15.387940	-71.549550	1702.10	315.95
6	GUIDE	1197884712	8.30	3948	0.057	-0.036	0.060	0.100	16.087398	-72.252690	-935.34	554.17
7	GUIDE	1197878768	9.62	3947	-0.031	0.097	0.121	0.208	16.656786	-71.304581	1957.35	-1366.50

2.4 Star Slots

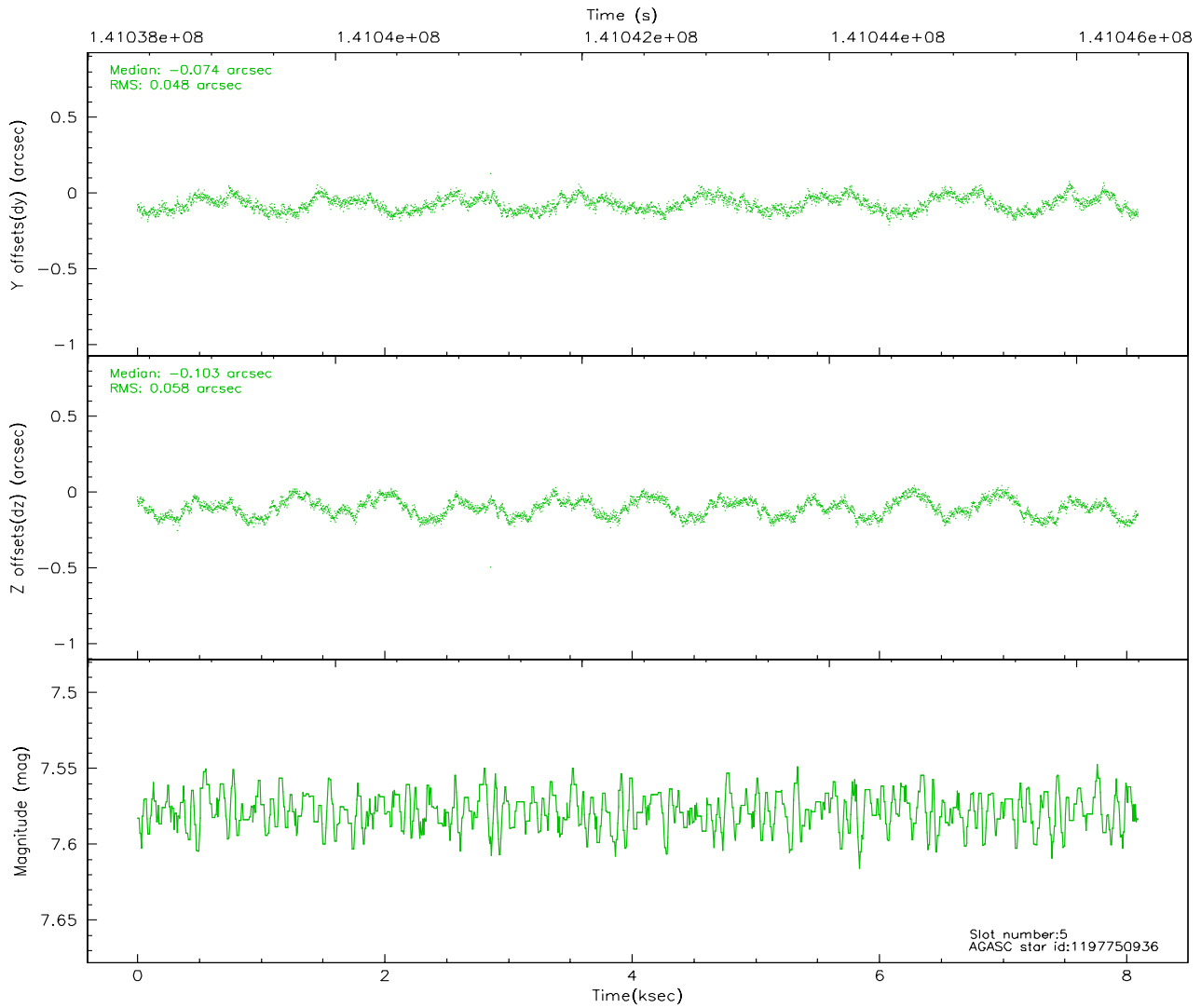
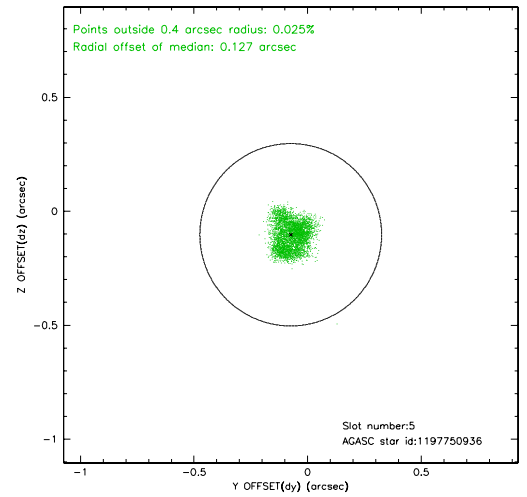
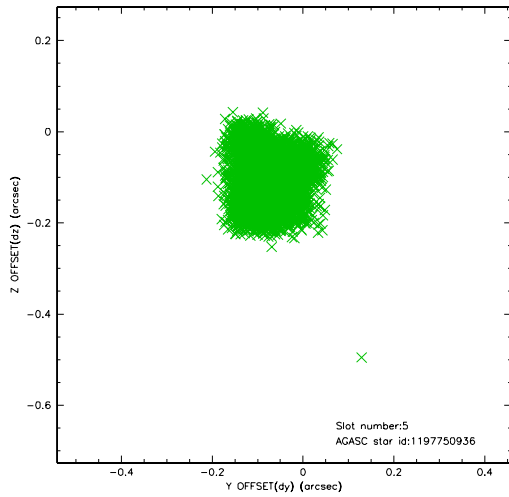
2.4.1 Slot 3



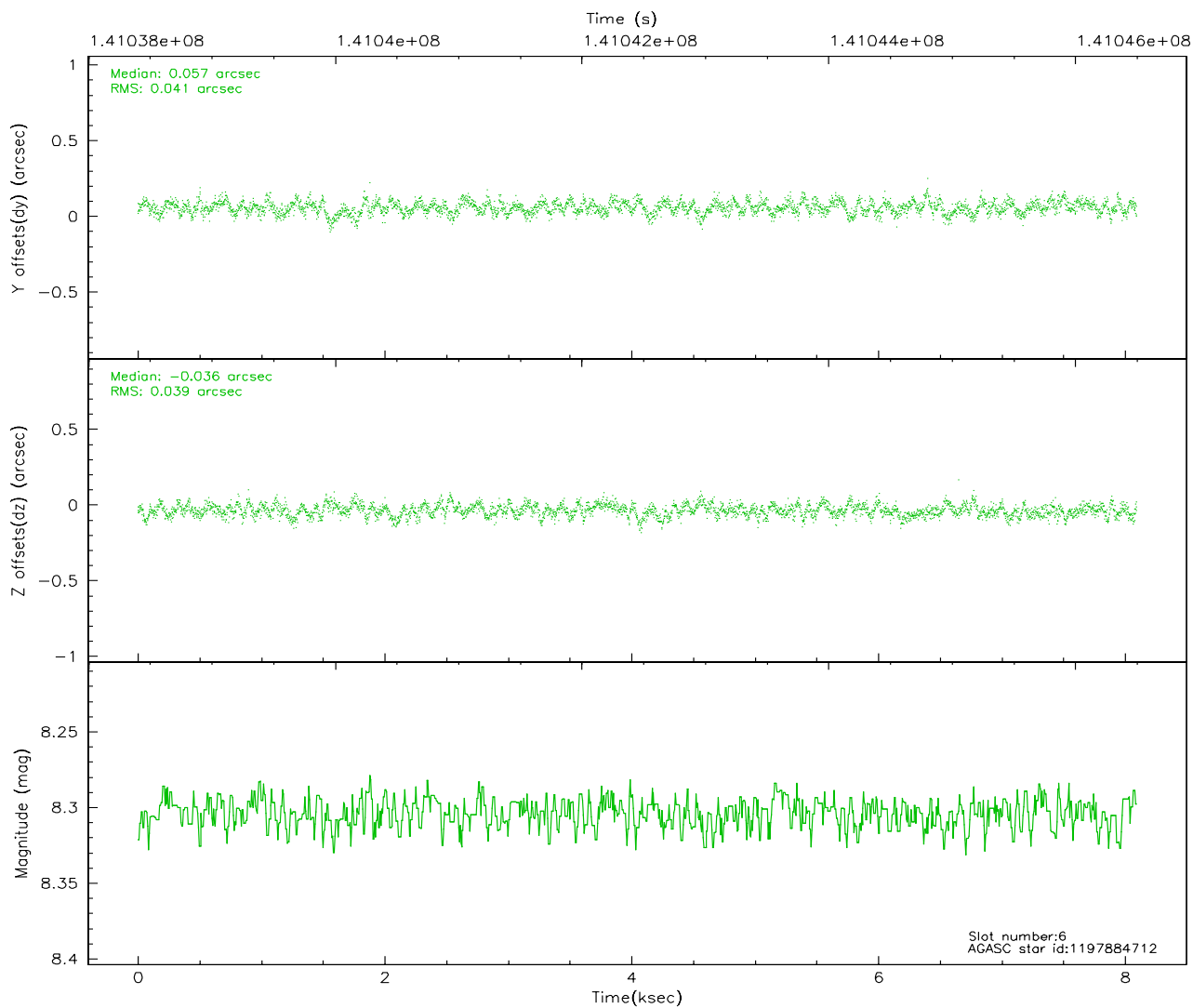
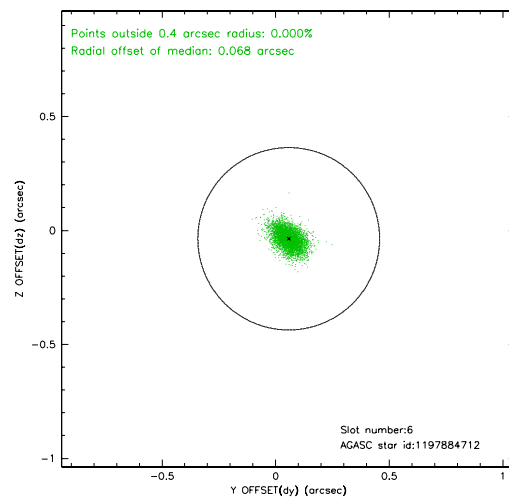
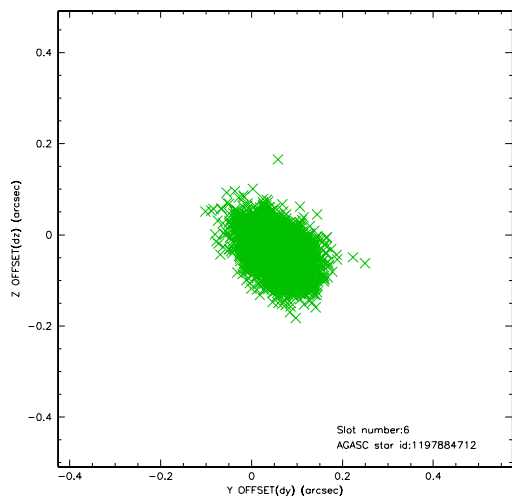
2.4.2 Slot 4



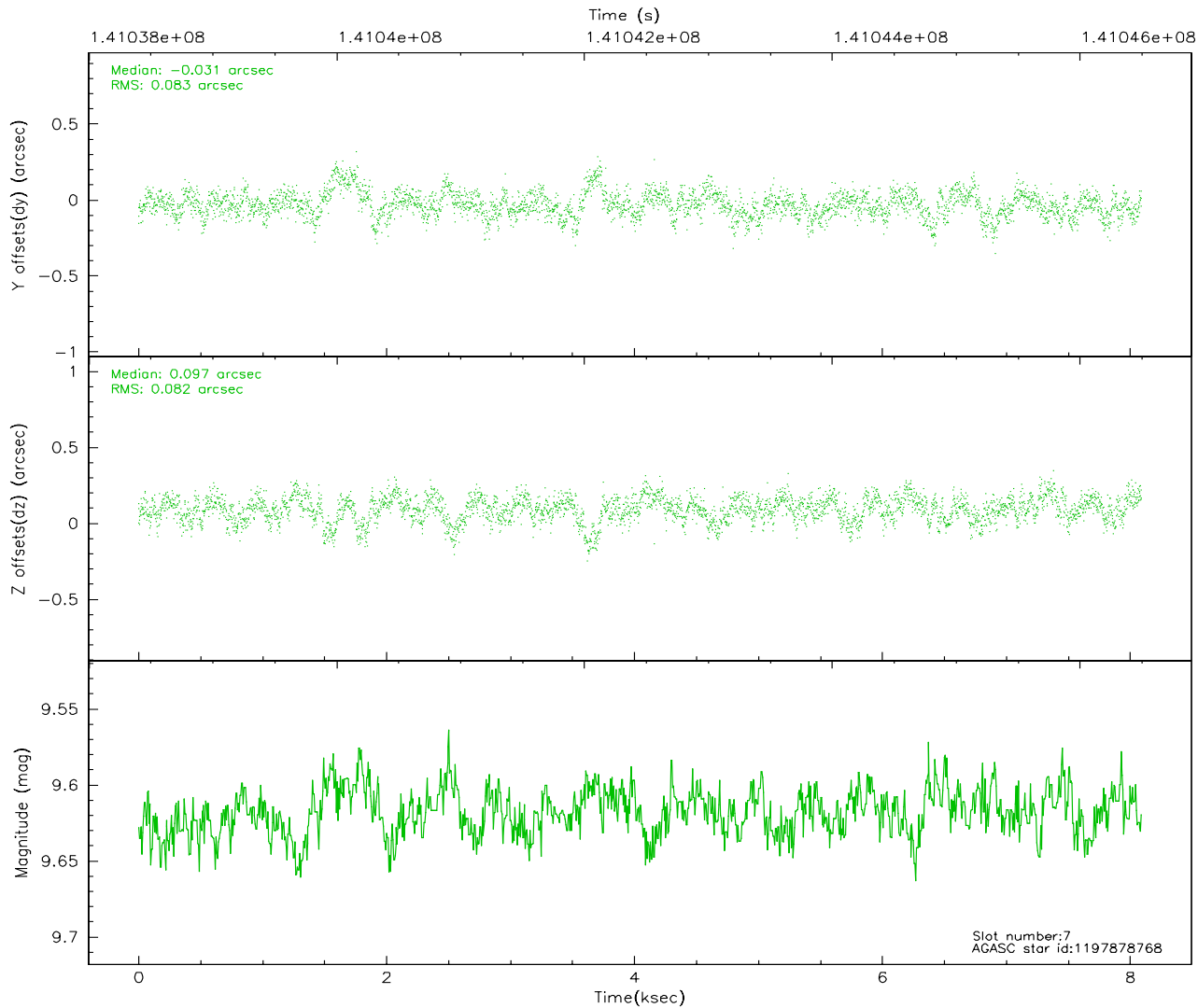
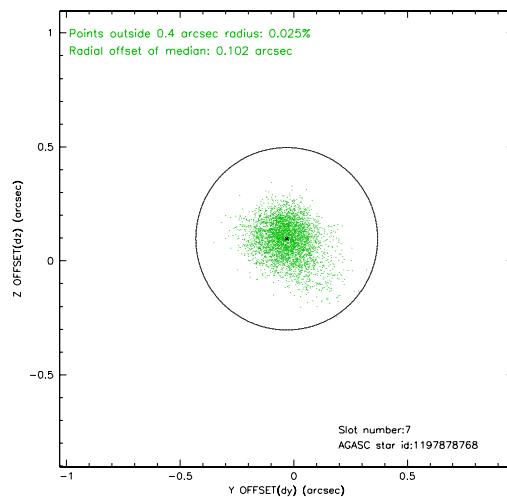
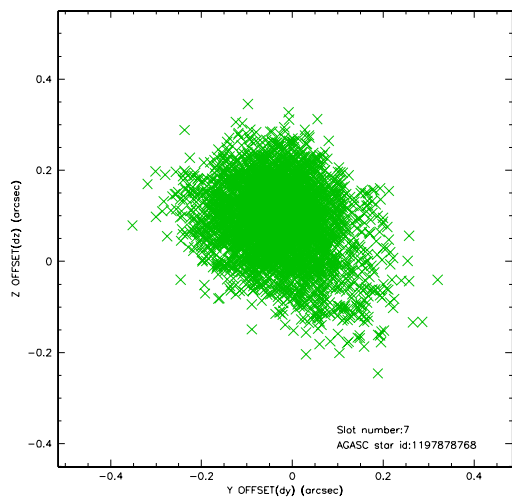
2.4.3 Slot 5



2.4.4 Slot 6

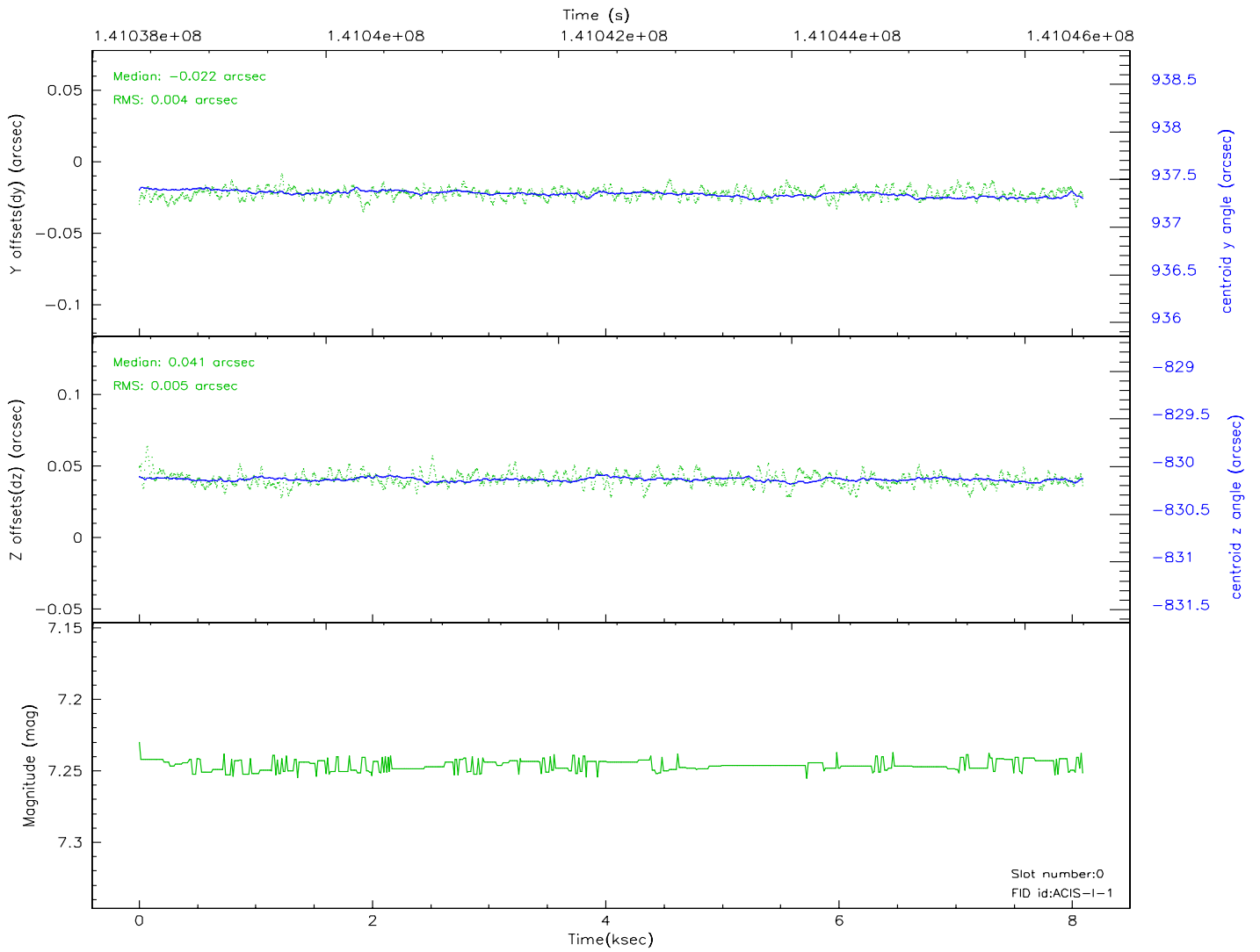
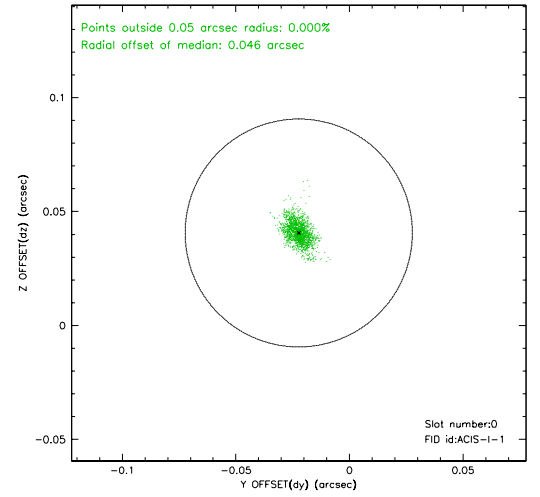
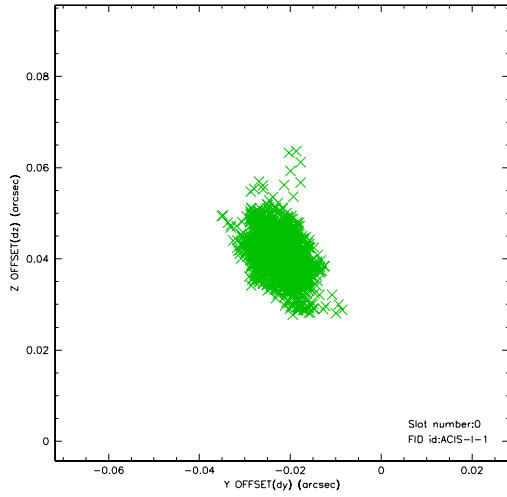


2.4.5 Slot 7

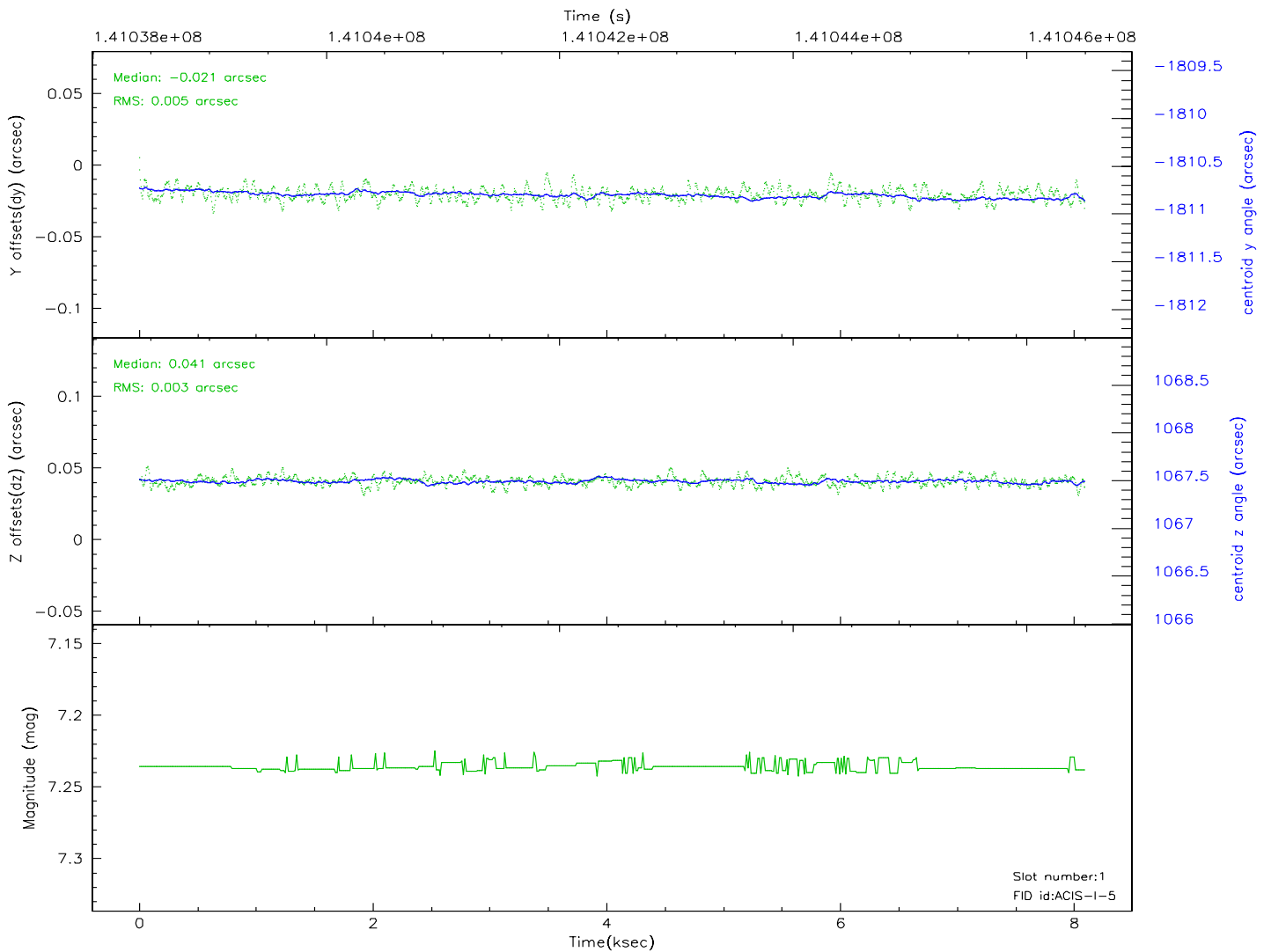
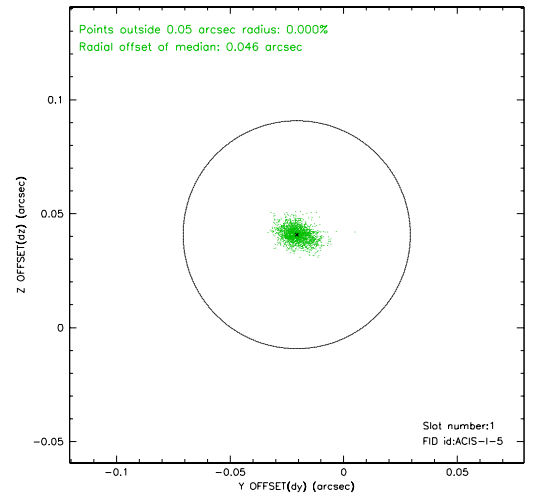
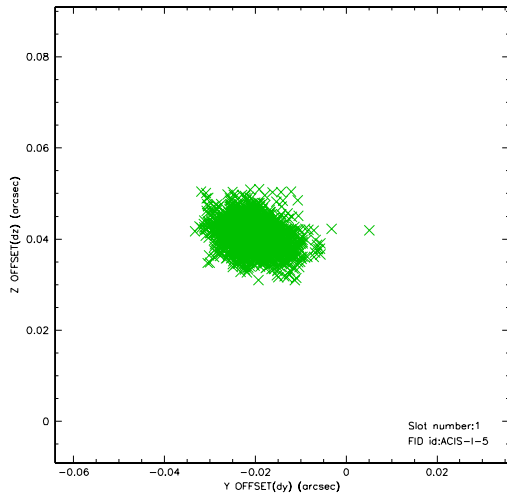


2.5 FID Slots

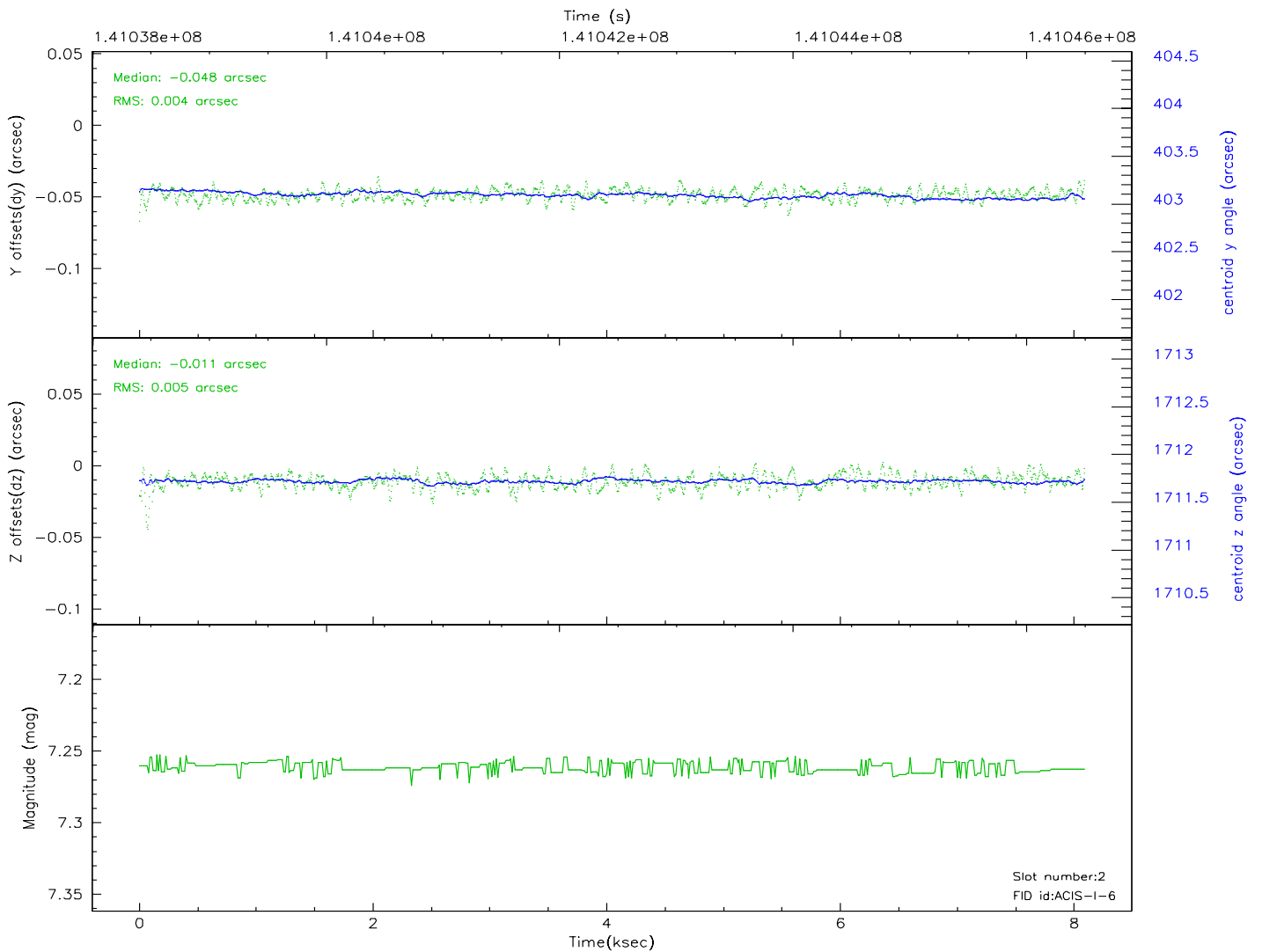
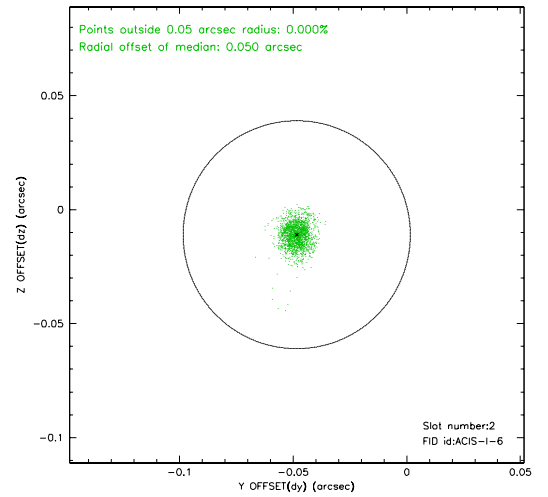
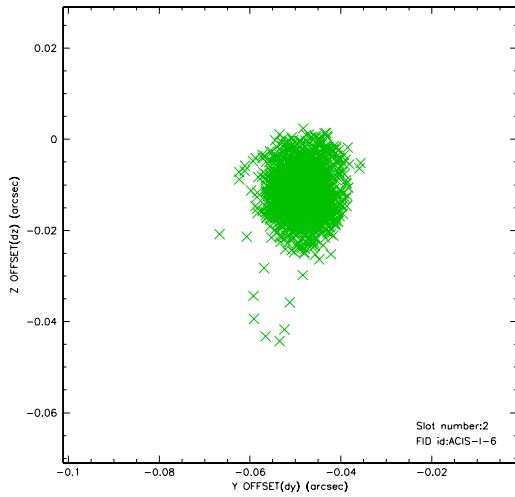
2.5.1 Slot 0



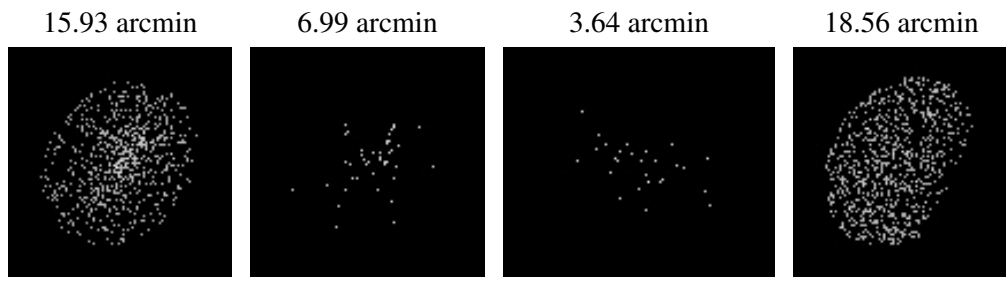
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.657

A.2 Comments

Window constraint satisfied.