

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3248 - L2 Version 001
Chandra X-Ray Center

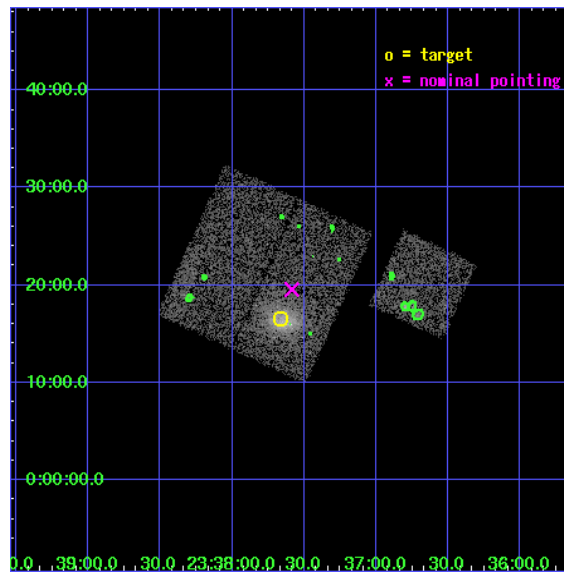
L2 Processing Date : Sep 22 2006

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1 Front

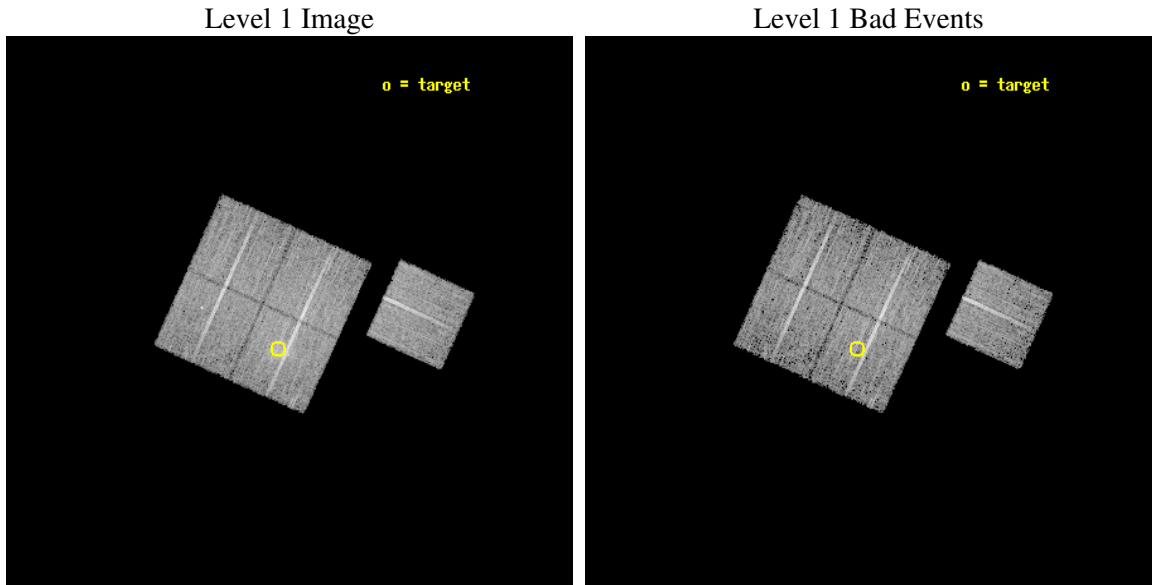
seq_num	800248
obs_id	3248
title	OBSERVATION OF BCS CLUSTERS, SECOND SET
observer	DR. LEON VANSPEYBROECK
object	A2631
dtcycle	0
cycle	P
ra_targ	354.417083
dec_targ	0.275833
ra_nom	354.39638771372
dec_nom	0.32607817039622
roll_nom	114.48520685596
revision	2
ontime	9312.3590118587
livetime	9190.6861857098
ontime0	9315.4999820888
ontime1	9315.4999820888
ontime2	9312.3590317667
ontime3	9312.3590118587
ontime6	9312.3590118587
l2events	27612



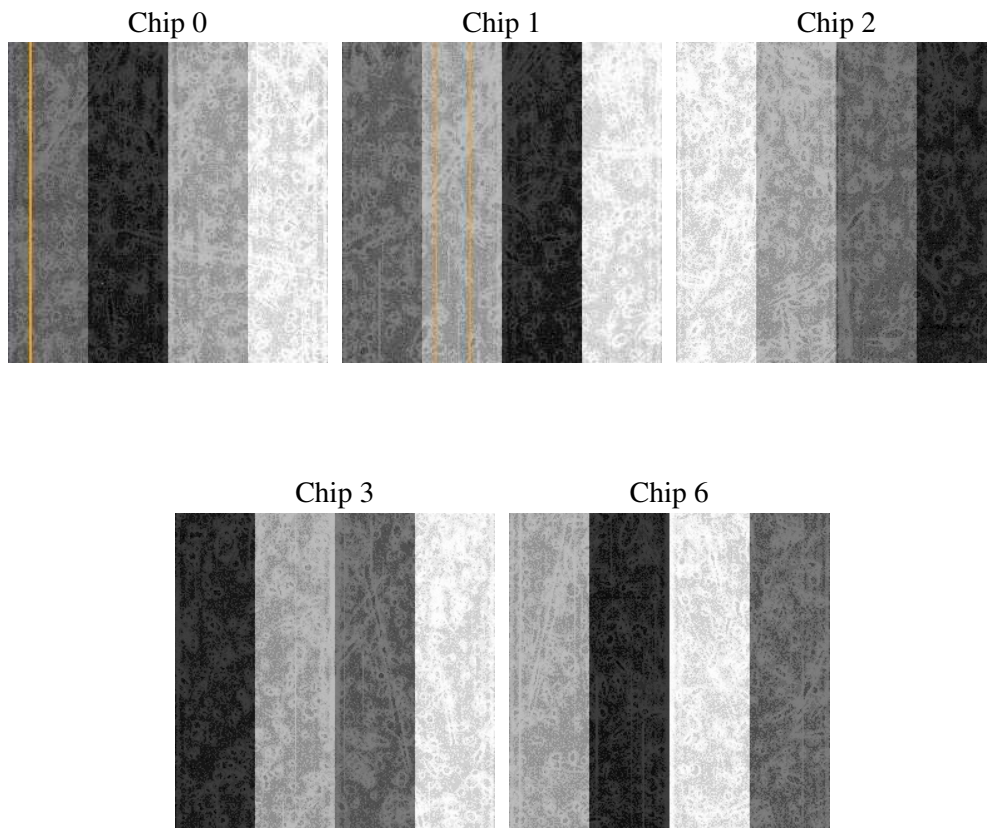
2 OBI

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	2006-09-22T18:04:33
revision	2

sched_exp_time	9200.000000
ontime	9319.3564225733
ontime0	9322.4973928034
ontime1	9322.4973928034
ontime2	9319.3564424813
ontime3	9319.3564225733
ontime6	9319.3564524651
l1events	262296

2.1.4 Events

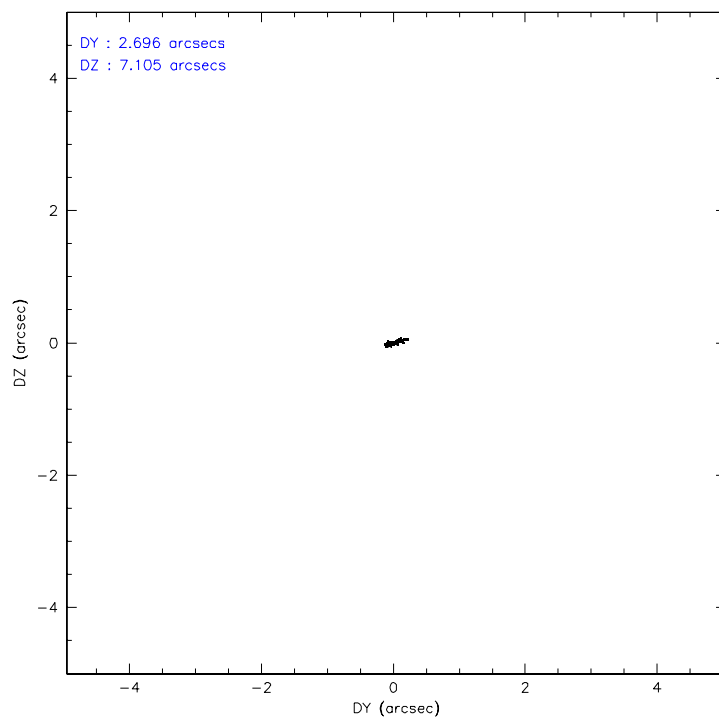
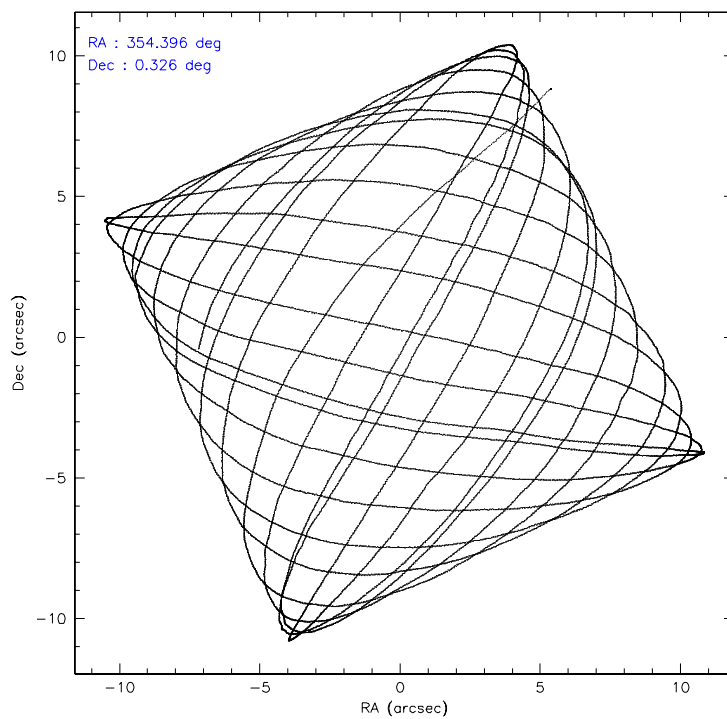
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	48853	48323	55441	57187	52492
rejected events	43615	42205	50006	47070	46861
rejected %	89%	87%	90%	82%	89%

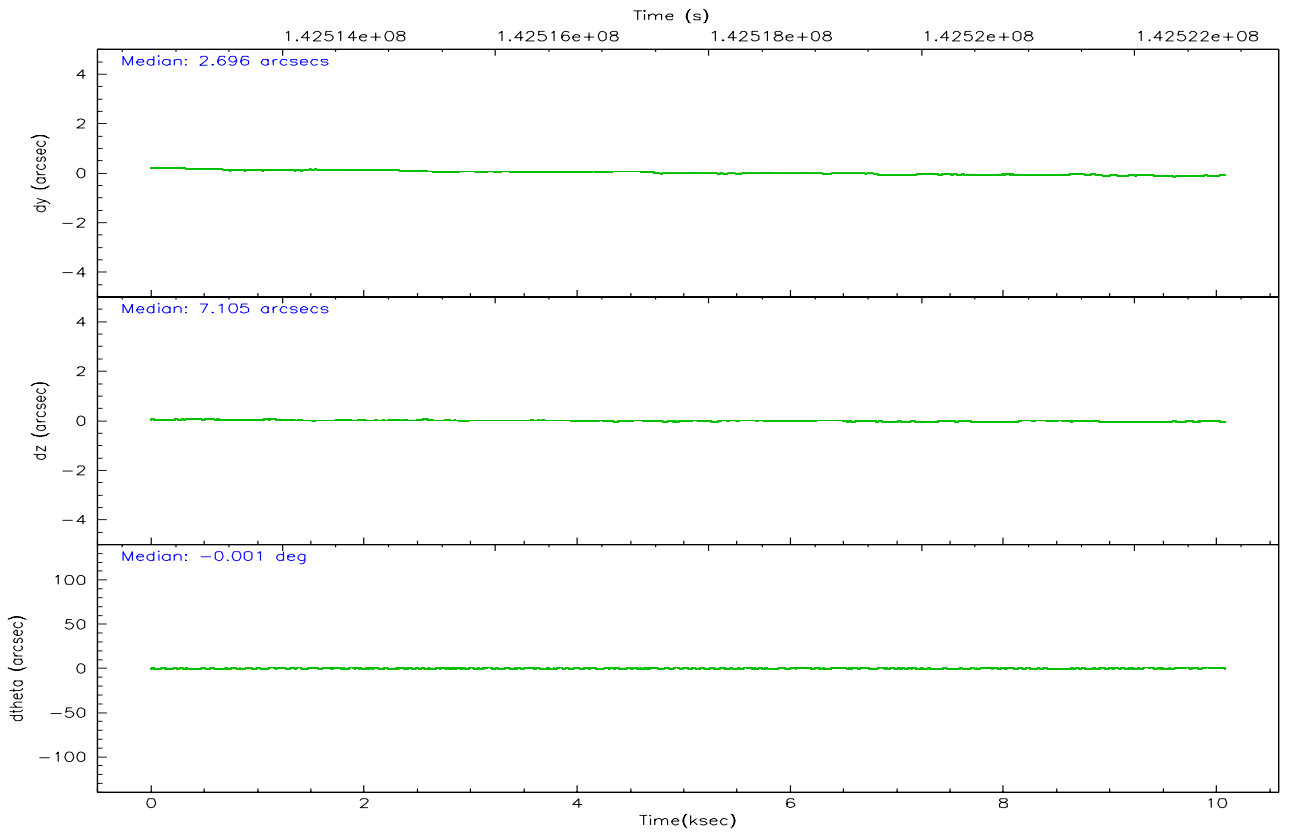
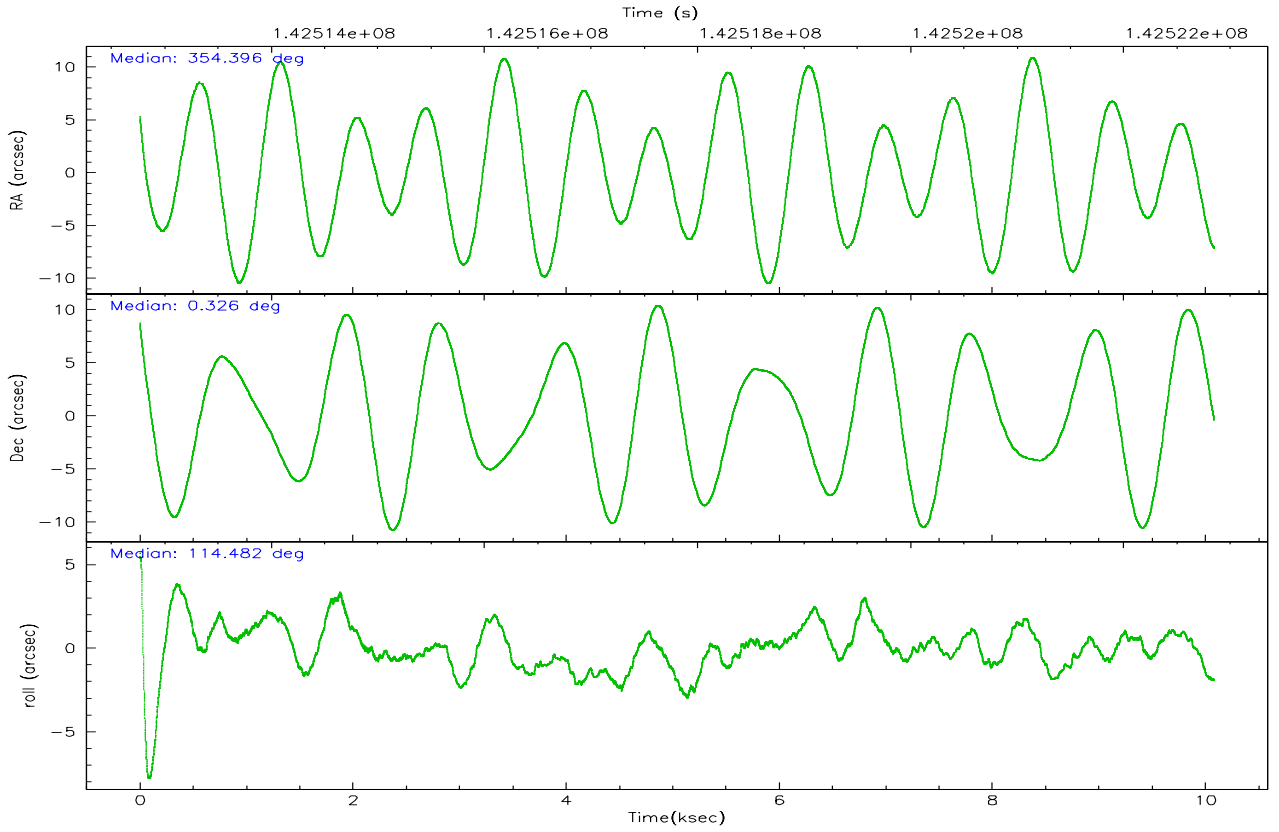
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1943	2410	2064	6054	2127
	3%	4%	3%	10%	4%
grade 1 events	22	31	25	29	21
	0%	0%	0%	0%	0%
grade 2 events	1189	1241	1257	1577	1162
	2%	2%	2%	2%	2%
grade 3 events	597	665	588	719	611
	1%	1%	1%	1%	1%
grade 4 events	554	652	528	650	590
	1%	1%	0%	1%	1%
grade 5 events	1690	1804	1642	1811	1962
	3%	3%	2%	3%	3%
grade 6 events	961	1154	1003	1121	1143
	1%	2%	1%	1%	2%
grade 7 events	41897	40366	48334	45226	44876
	85%	83%	87%	79%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	354.418759	354.3963877137214	Subarray requested	NONE	NONE
Pointing Dec	0.310234	0.3260781703962164	Alternating exposures requested	N	N
Pointing Roll	114.276374	114.4852068559639	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8458576473255			
SIM translation stage offset (mm)	-7.752	-7.746595355604228			
Observation start time	142513651.184000	142512338.74787			
Observation start date	2002-07-08T11:06:27	2002-07-08T10:45:38			
Observation end time	142522851.184000	142523260.63581			
Observation end date	2002-07-08T13:39:47	2002-07-08T13:47:40			
Read mode	TIMED	TIMED			

2.3 Aspect



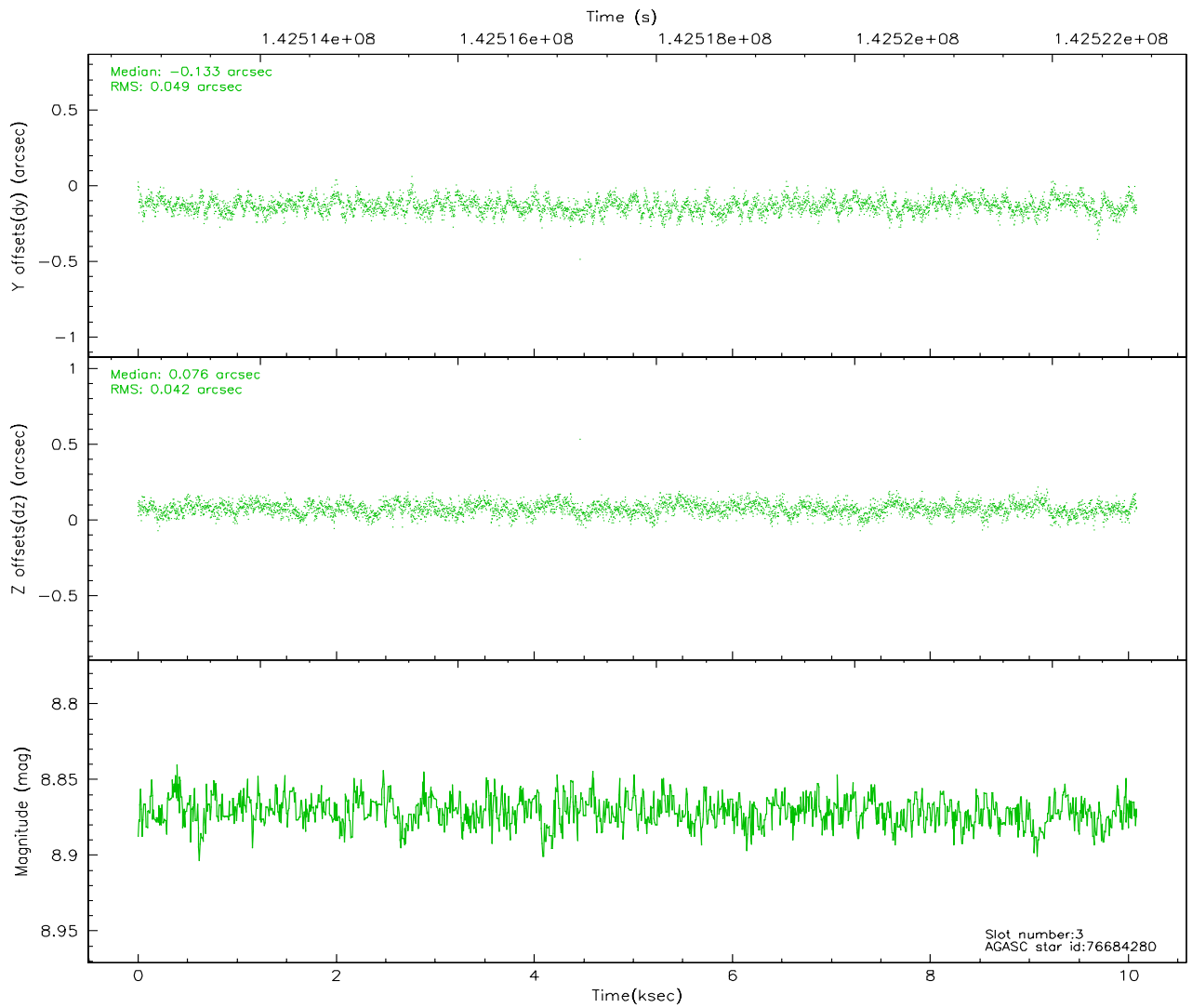
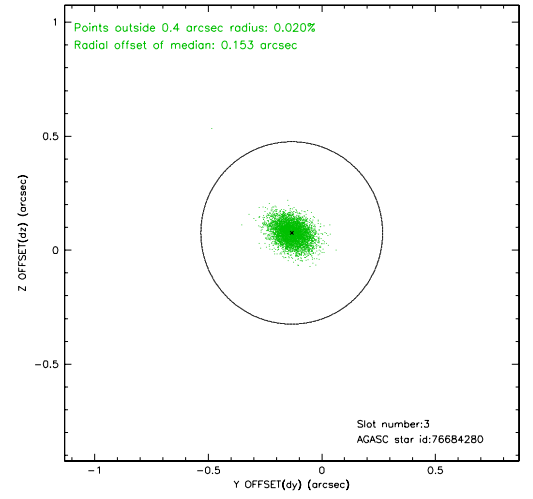
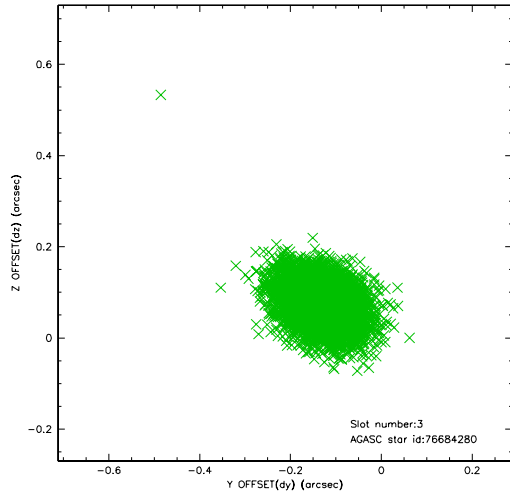


Slot Statistics

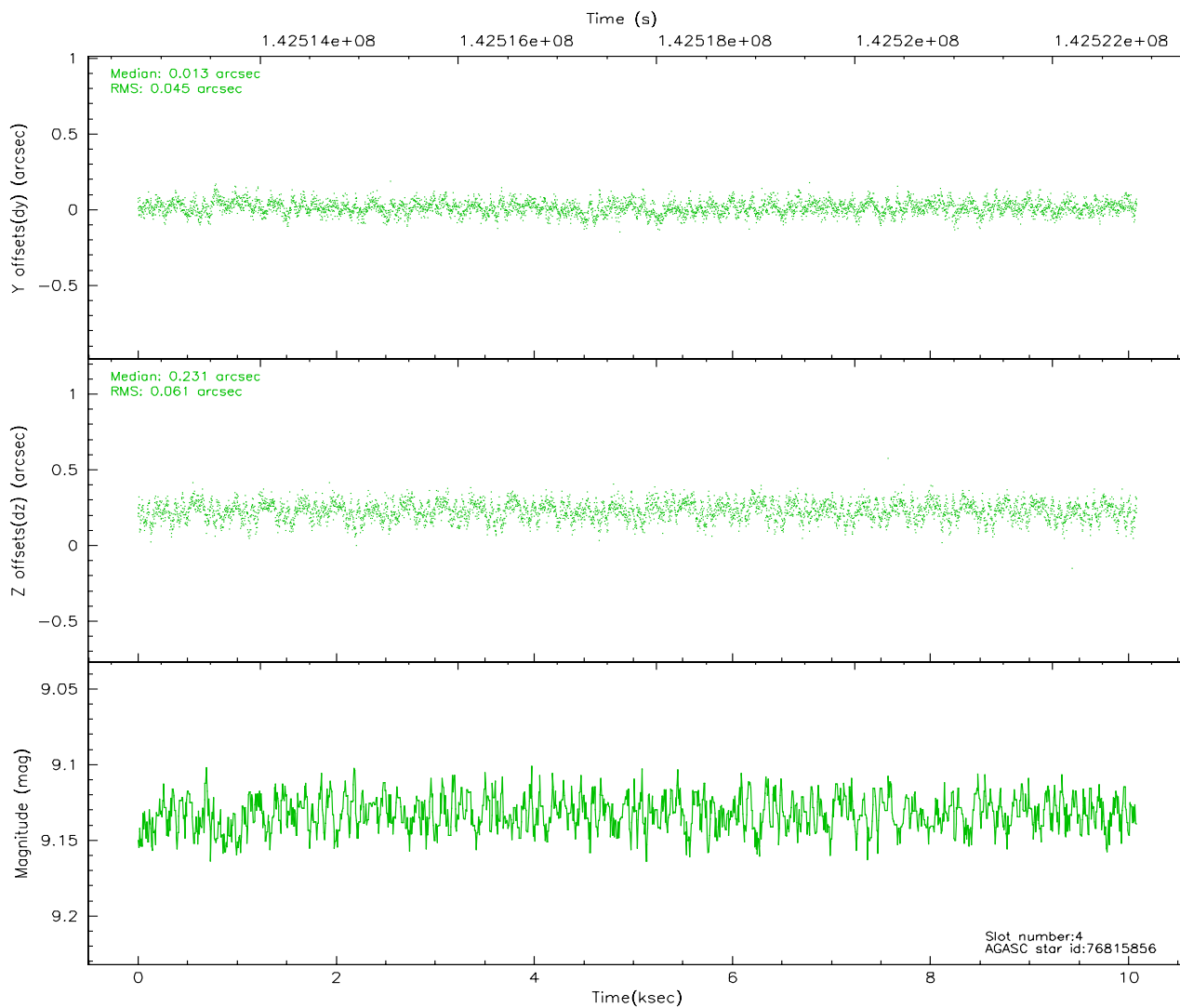
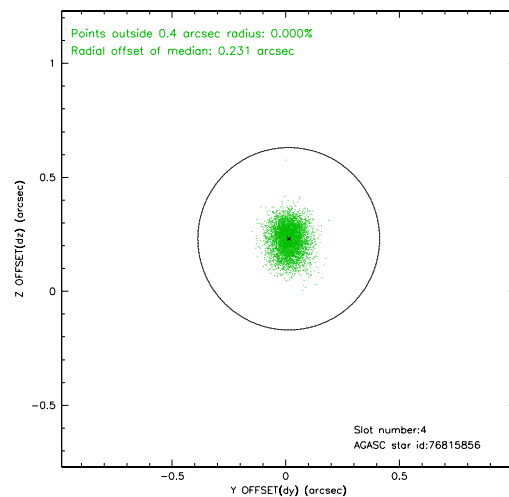
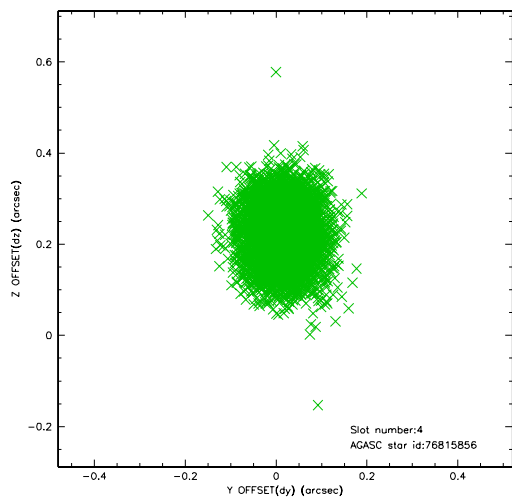
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	2460	0.073	-0.029	0.007	0.011	0.000000	0.000000	936.99	-989.58
1	FID	ACIS-I-5	7.23	2460	-0.128	0.102	0.007	0.012	0.000000	0.000000	-1810.98	907.78
2	FID	ACIS-I-6	7.26	2460	-0.037	-0.002	0.007	0.013	0.000000	0.000000	401.91	1552.73
3	GUIDE	76684280	8.87	4919	-0.133	0.076	0.068	0.112	354.578237	0.780972	1308.11	-1219.87
4	GUIDE	76815856	9.13	4917	0.013	0.231	0.081	0.131	355.105256	0.393799	-741.91	-2376.47
5	GUIDE	76678520	8.97	4919	0.060	0.080	0.069	0.112	354.768103	0.123630	-1130.02	-870.59
6	GUIDE	76813568	9.71	4904	0.212	0.117	0.101	0.168	355.056632	0.054605	-1783.48	-1715.02
7	GUIDE	76677544	9.36	4913	-0.146	-0.500	0.092	0.150	353.780973	0.190917	551.30	2268.89

2.4 Star Slots

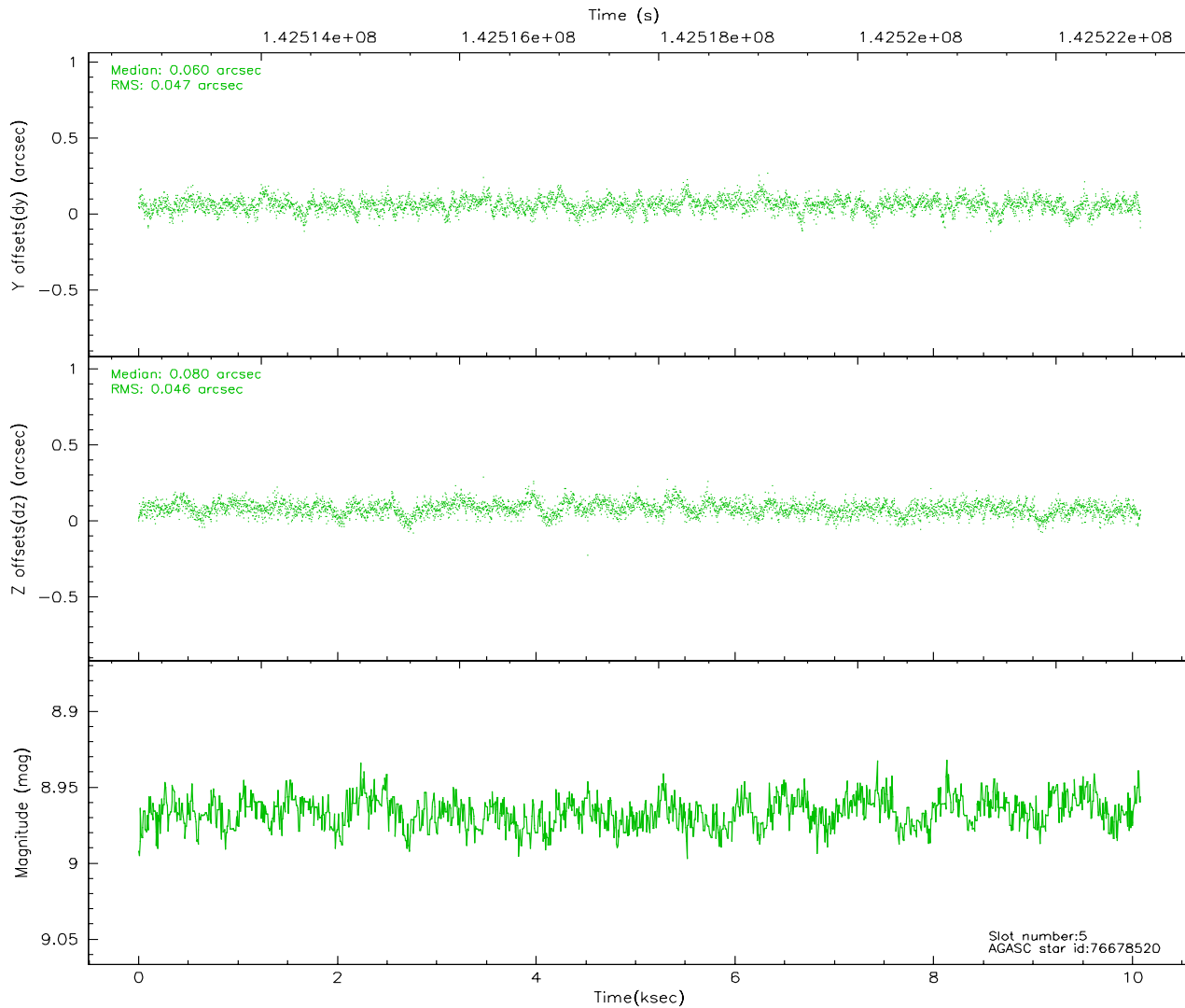
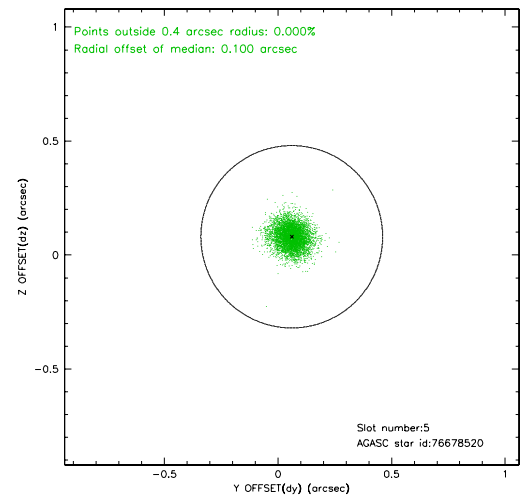
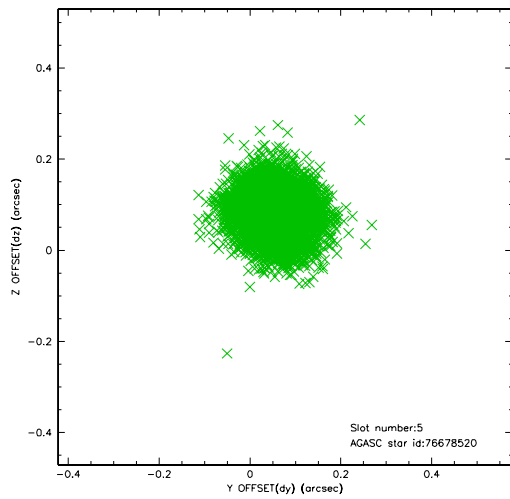
2.4.1 Slot 3



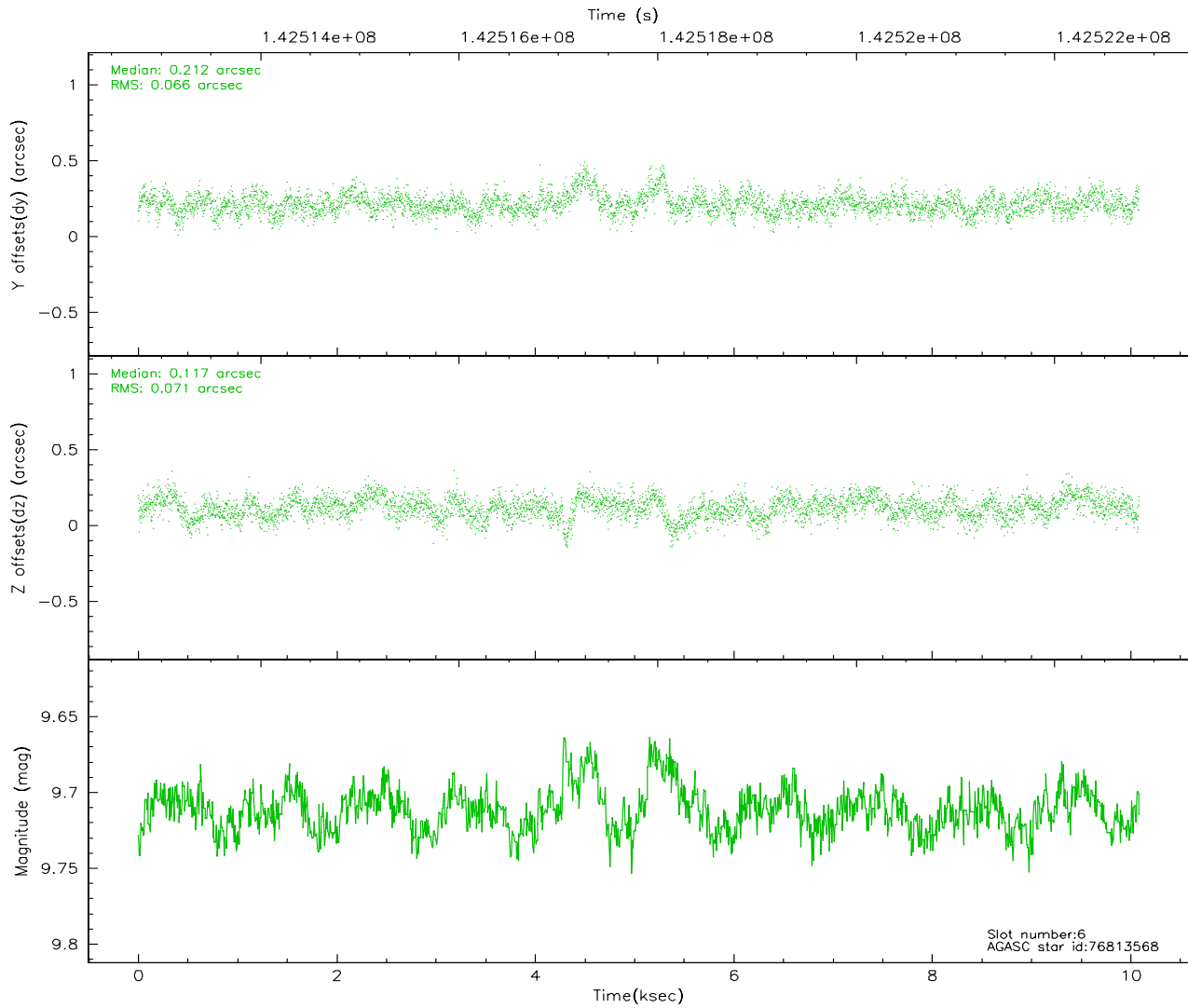
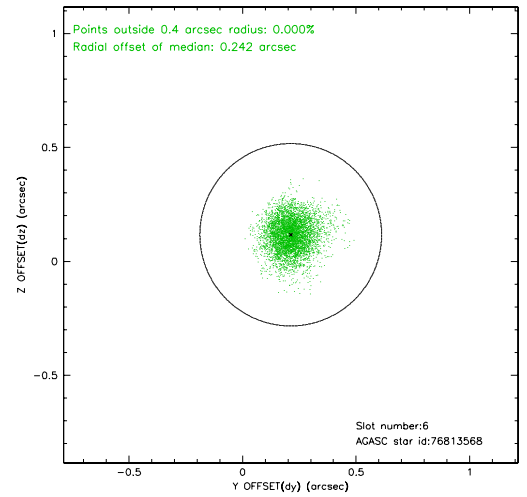
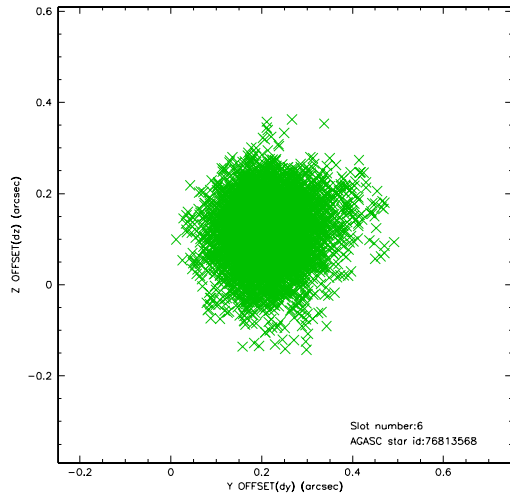
2.4.2 Slot 4



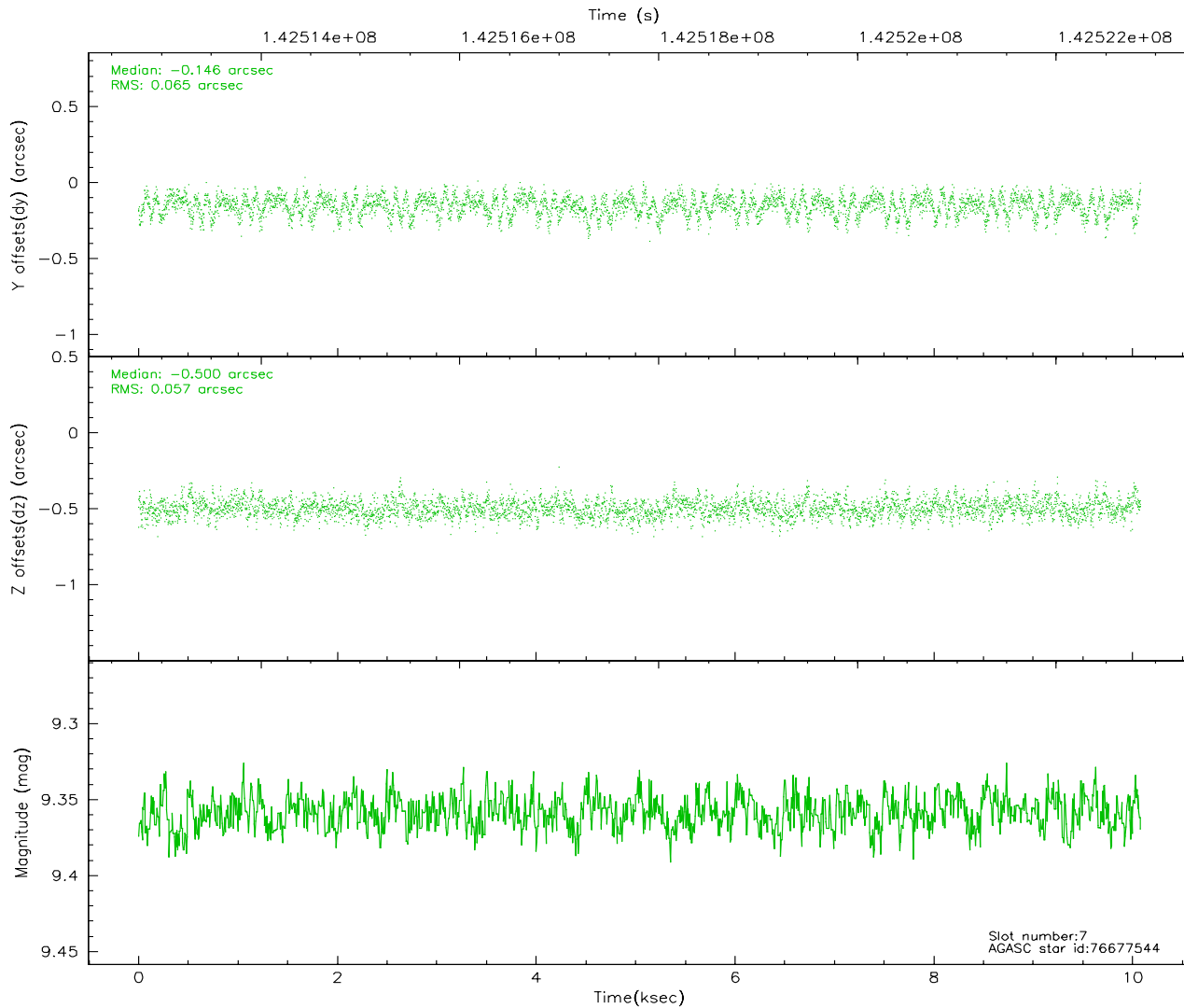
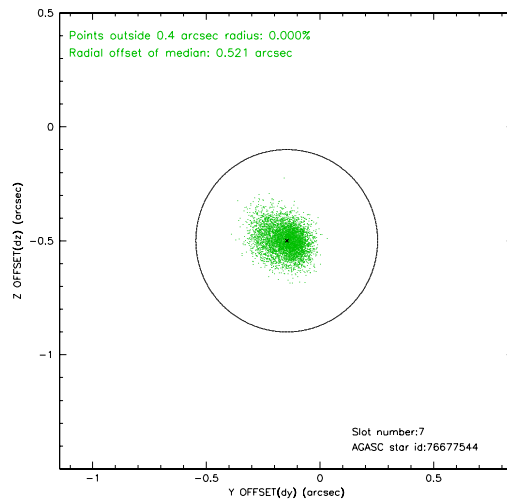
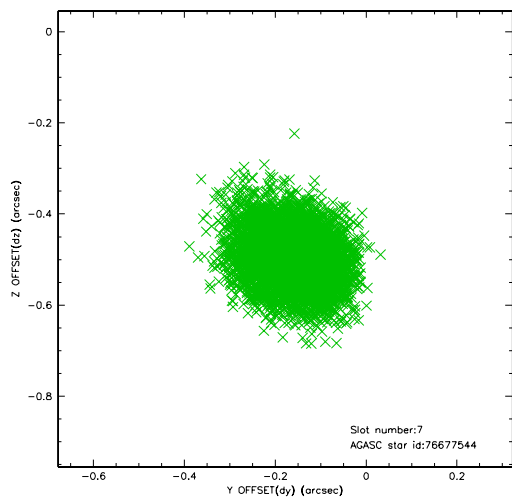
2.4.3 Slot 5



2.4.4 Slot 6

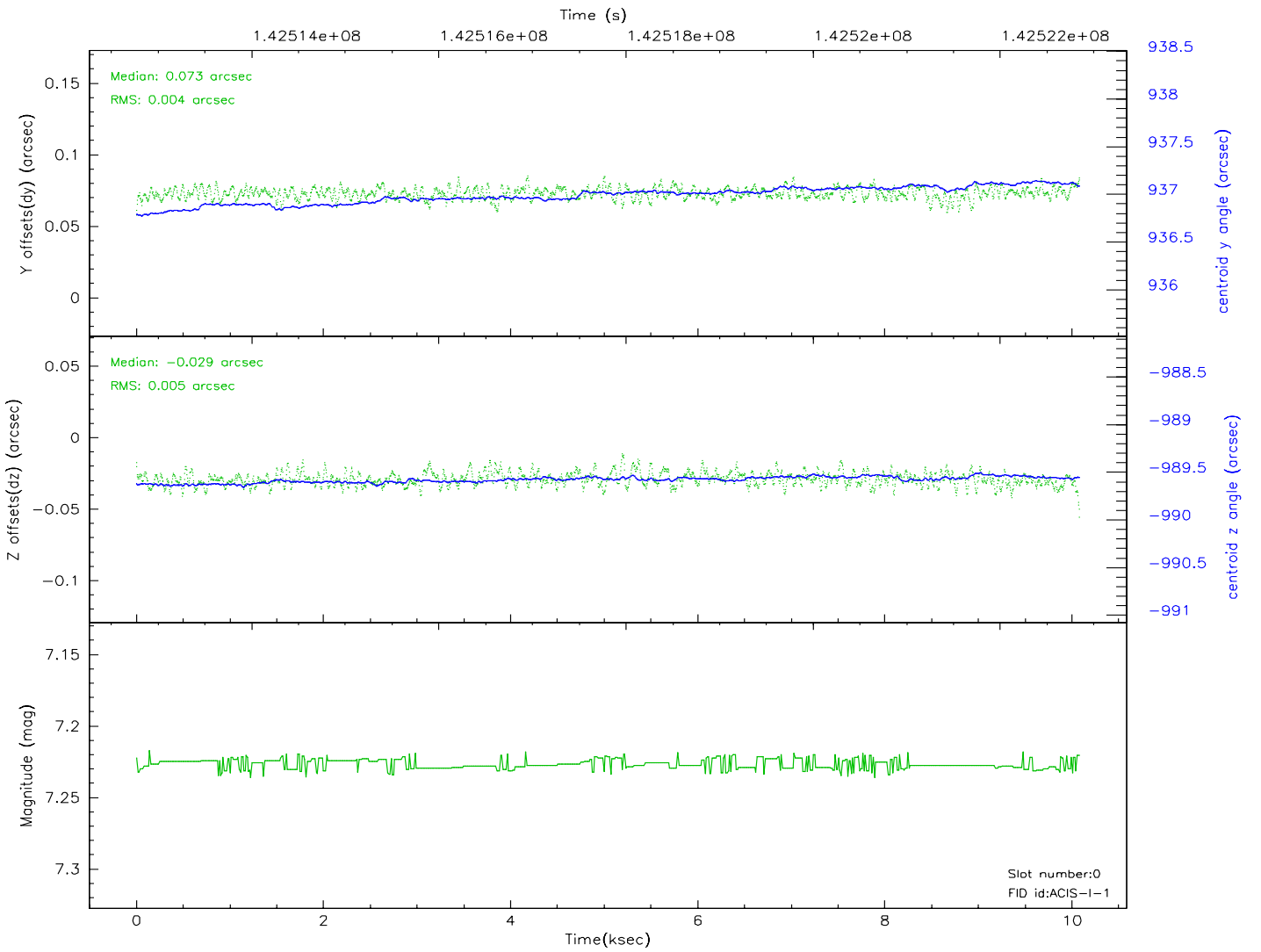
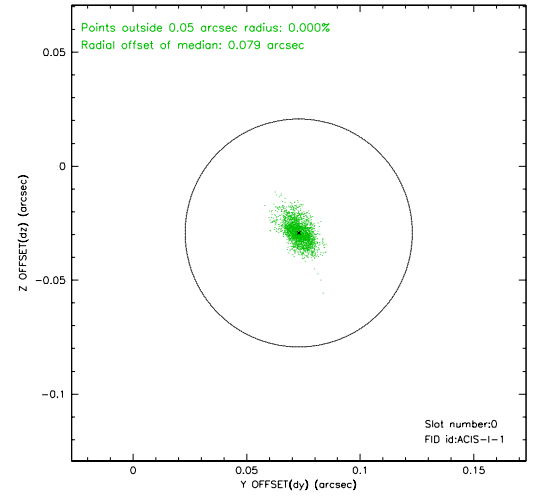
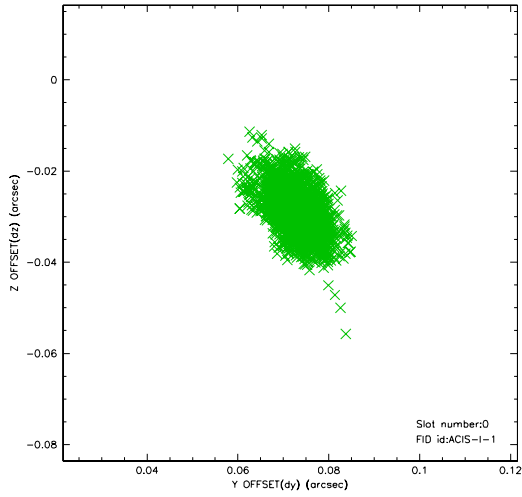


2.4.5 Slot 7

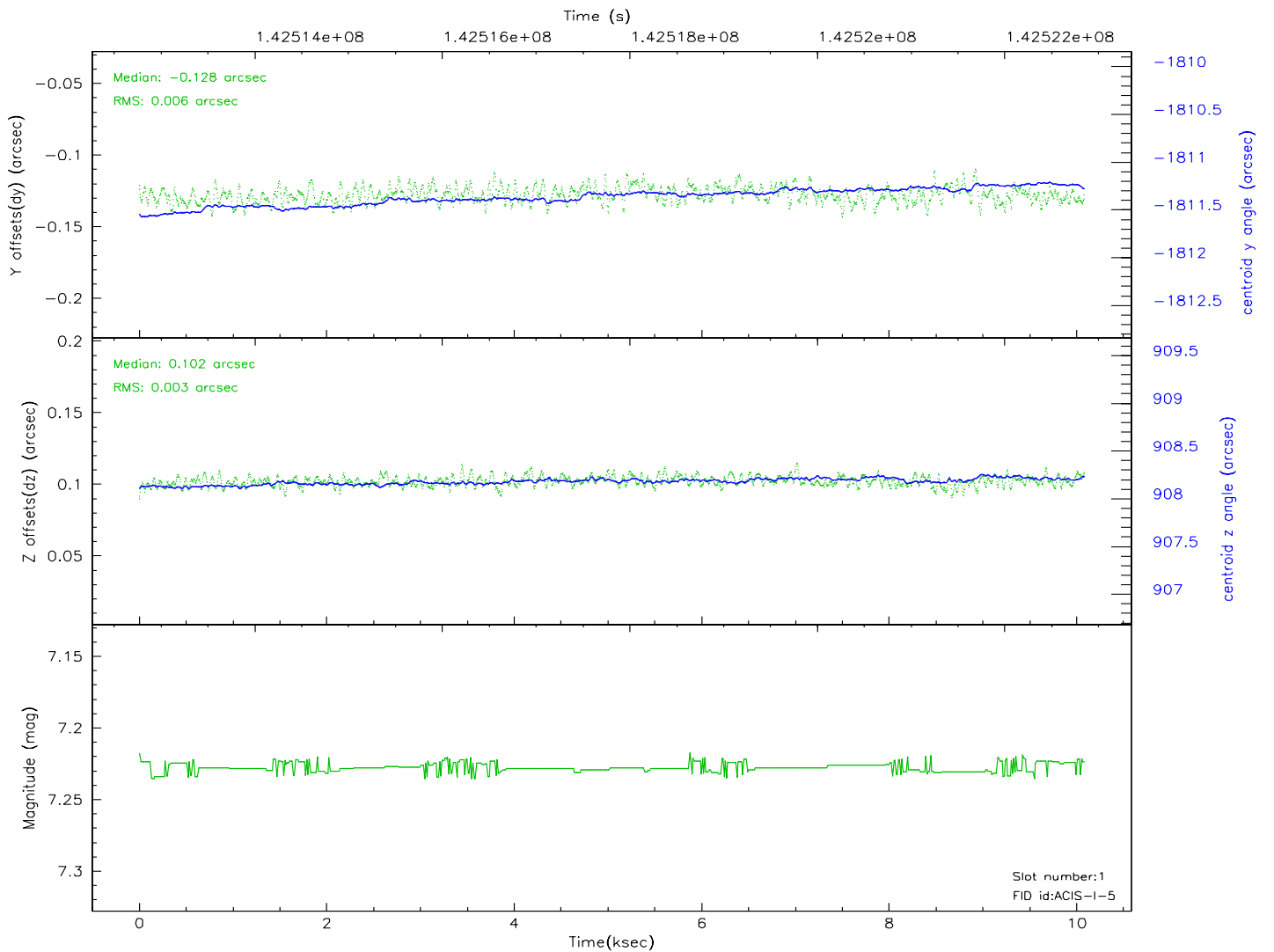
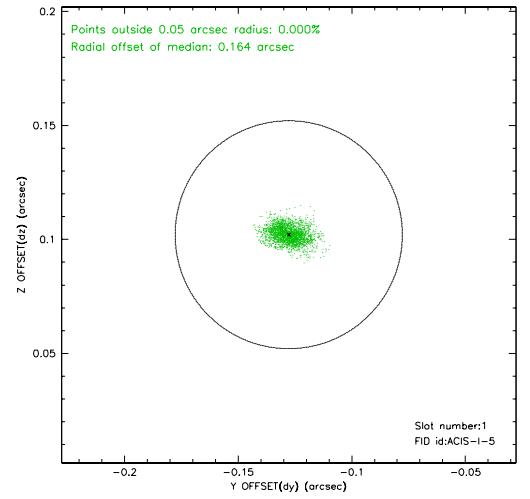
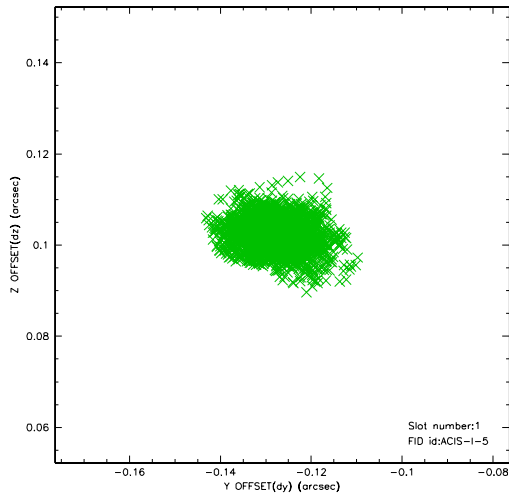


2.5 FID Slots

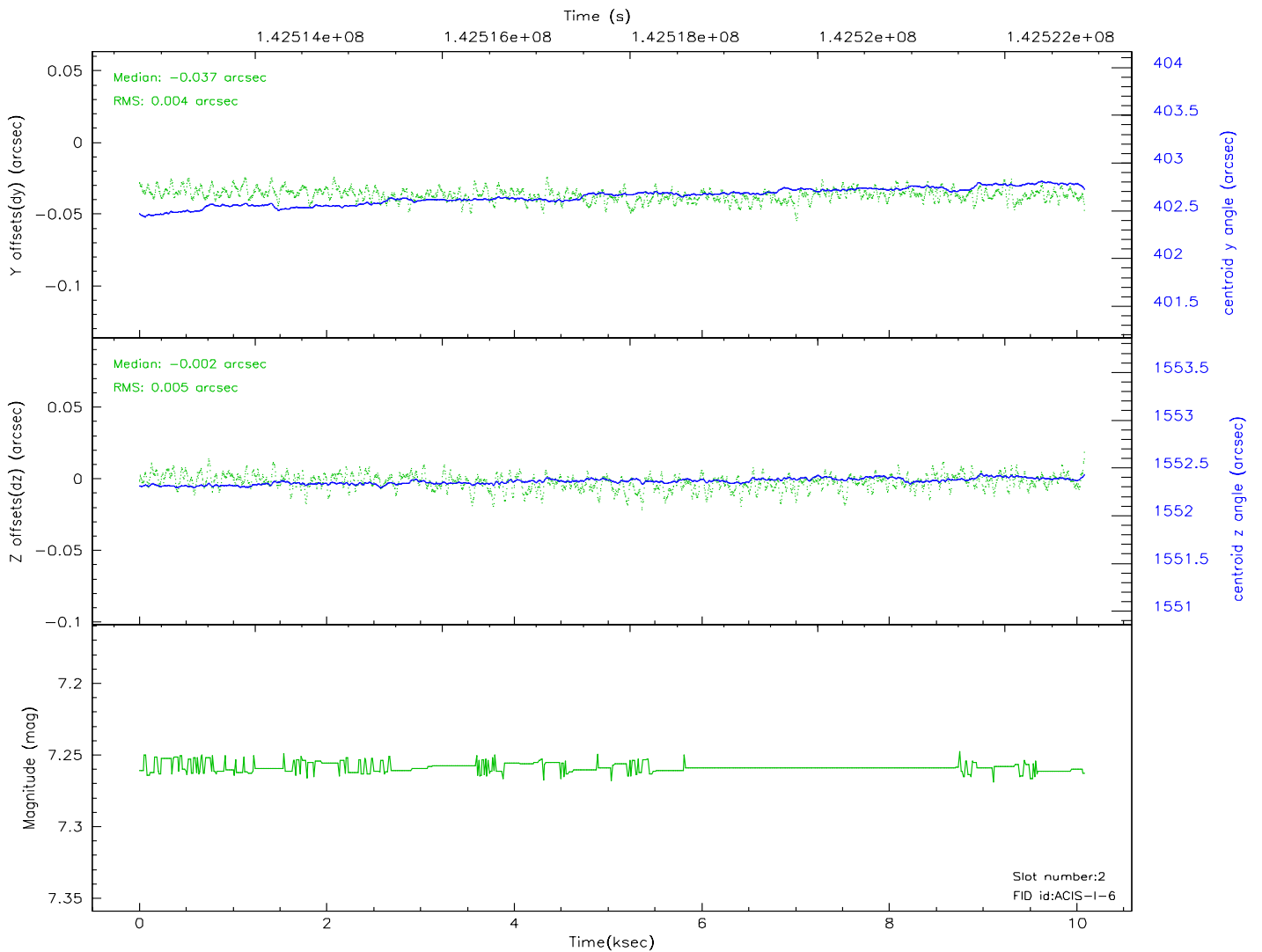
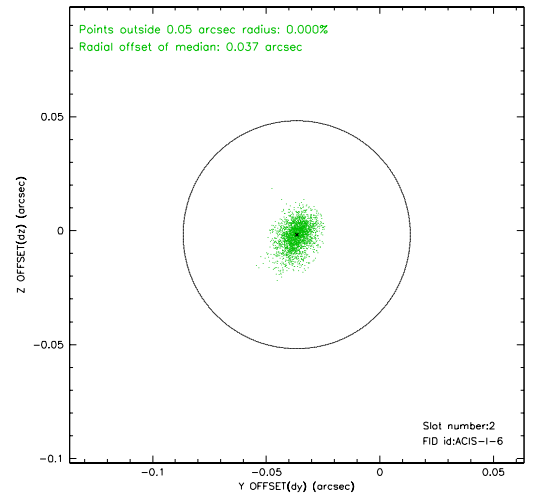
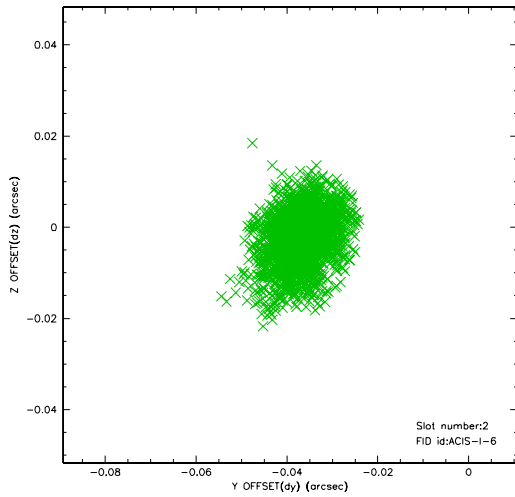
2.5.1 Slot 0



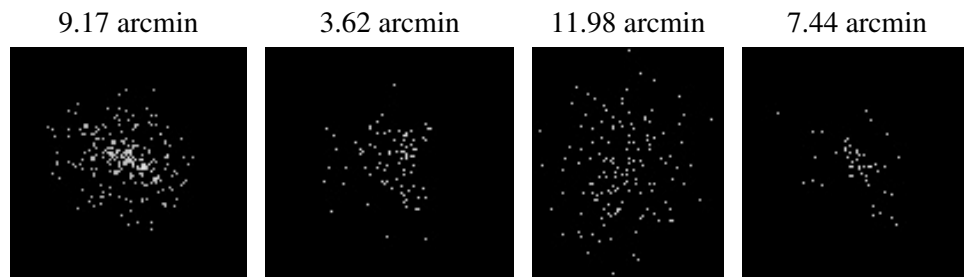
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.315

A.2 Comments