

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3408 - L2 Version 001
Chandra X-Ray Center

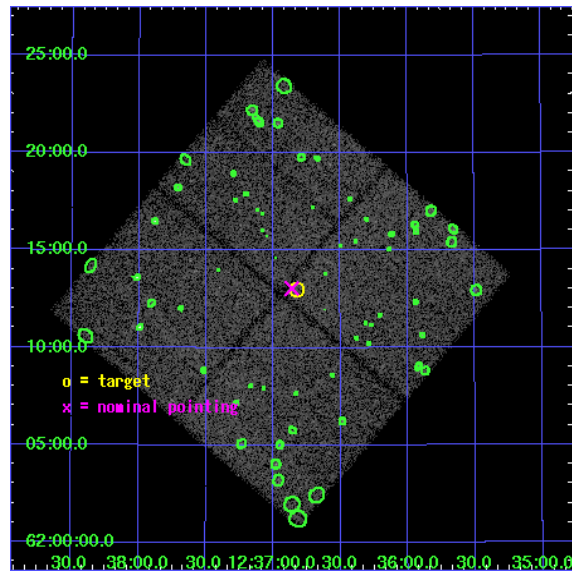
L2 Processing Date : Jan 12 2007

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1 Front

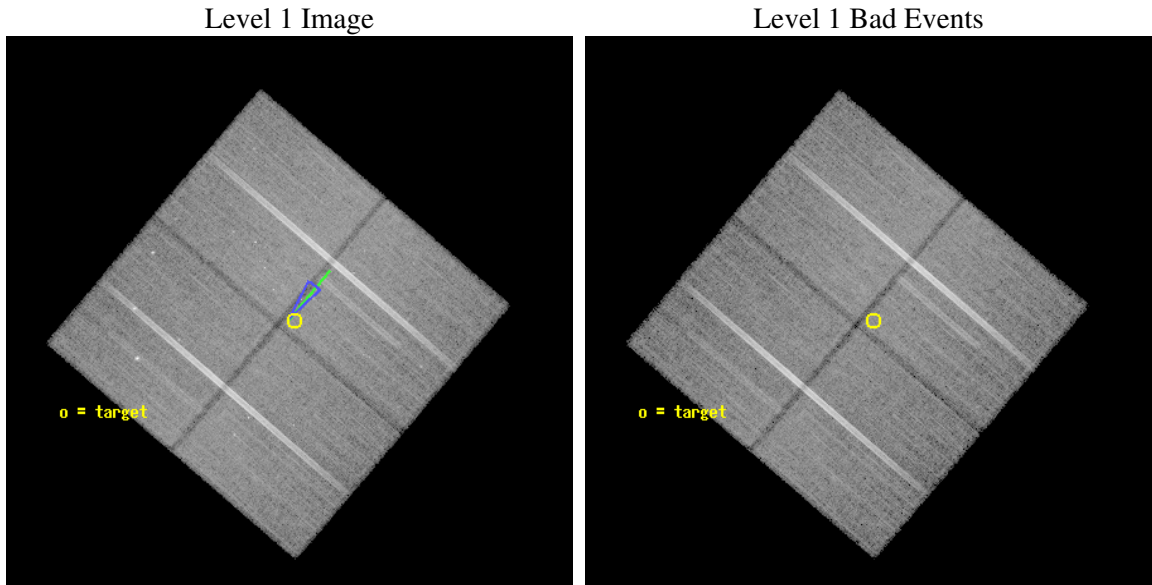
seq_num	900132
obs_id	3408
title	THE CHANDRA SURVEY OF THE HUBBLE DEEP FIELD NORTH AREA: A PUBLIC RESOURCE FOR THE PRESENT AND FUTURE OF X-RAY ASTRONOMY
observer	Prof. William Brandt
object	HDF-N
dtcycle	0
cycle	P
ra_targ	189.205833
dec_targ	62.216111
ra_nom	189.21546856995
dec_nom	62.21752525968
roll_nom	40.523164847567
revision	2
ontime	67089.954039738
livetime	66213.374399303
ontime0	67099.376960322
ontime1	67108.799870968
ontime2	67102.517930567
ontime3	67089.954039738
l2events	109860



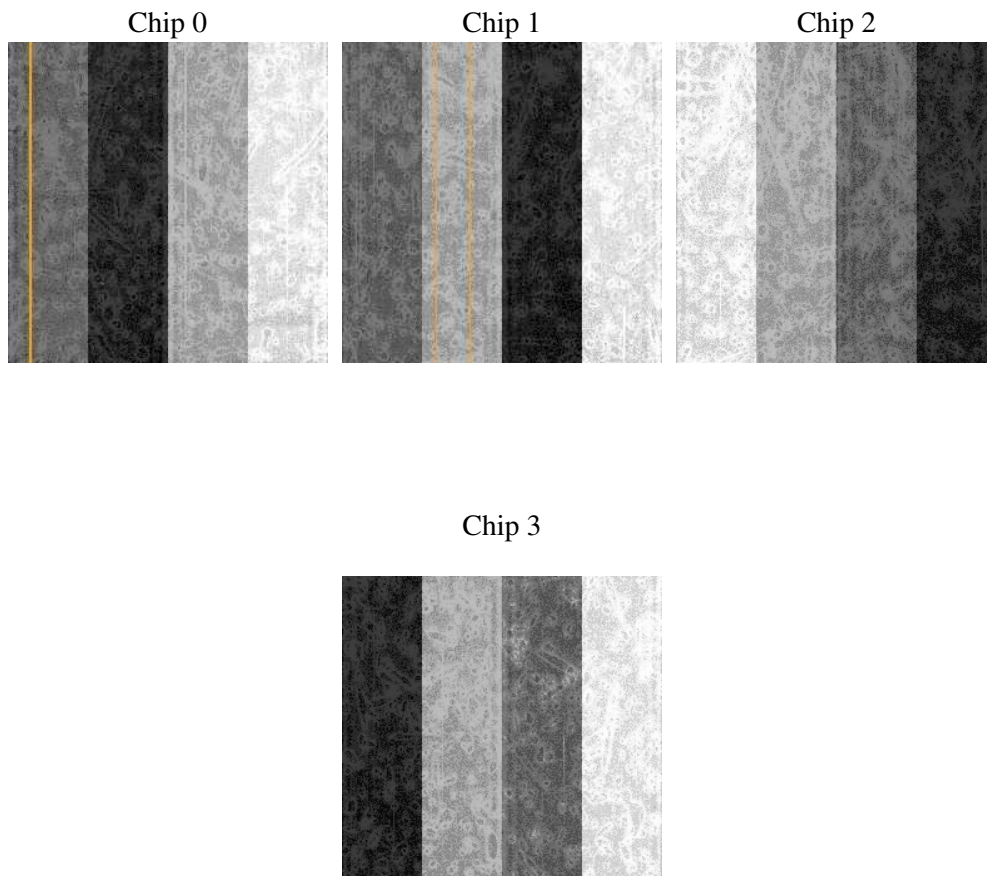
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-12T10:40:20
revision	2

sched_exp_time	67000.000000
ontime	67089.954039738
ontime0	67099.376960322
ontime1	67108.799870968
ontime2	67102.517930567
ontime3	67089.954039738
l1events	1414312

2.1.4 Events

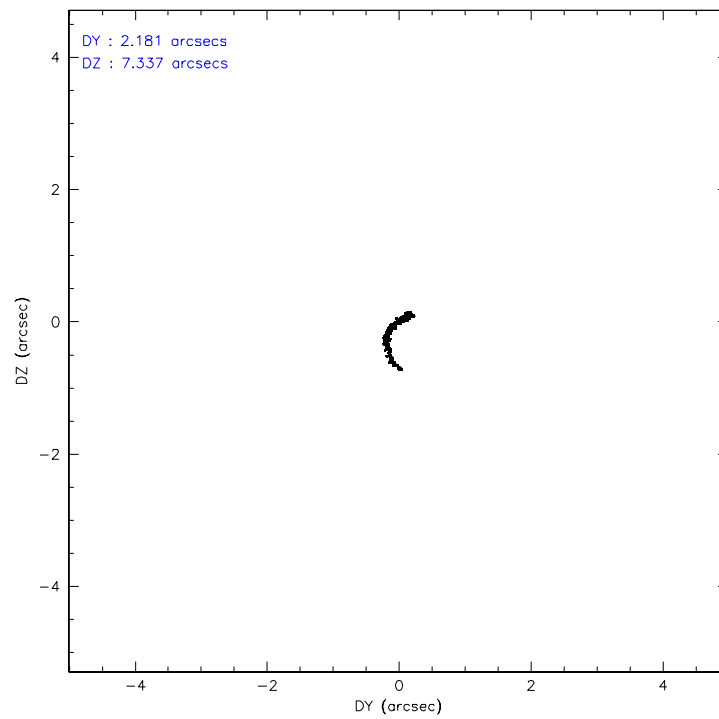
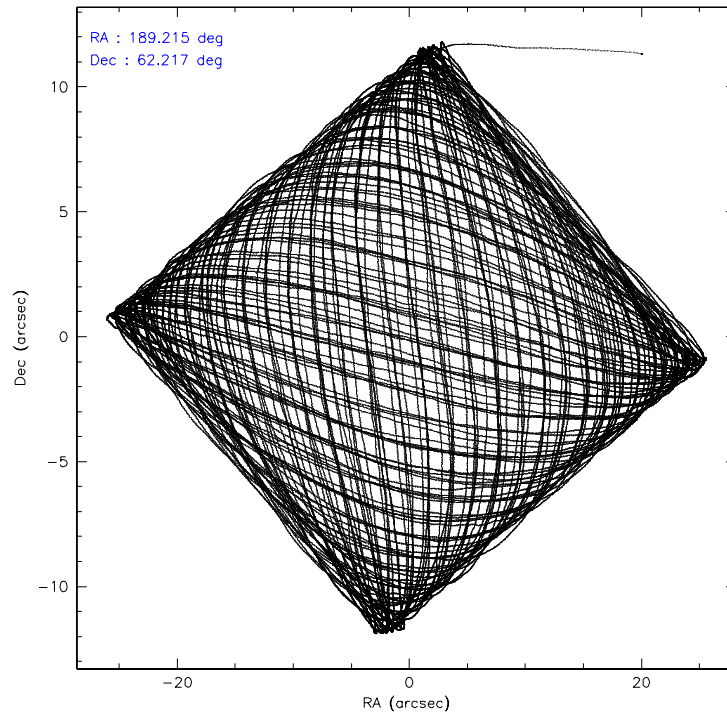
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	335907	332907	383531	361967
rejected events	300669	297879	349705	330118
rejected %	89%	89%	91%	91%

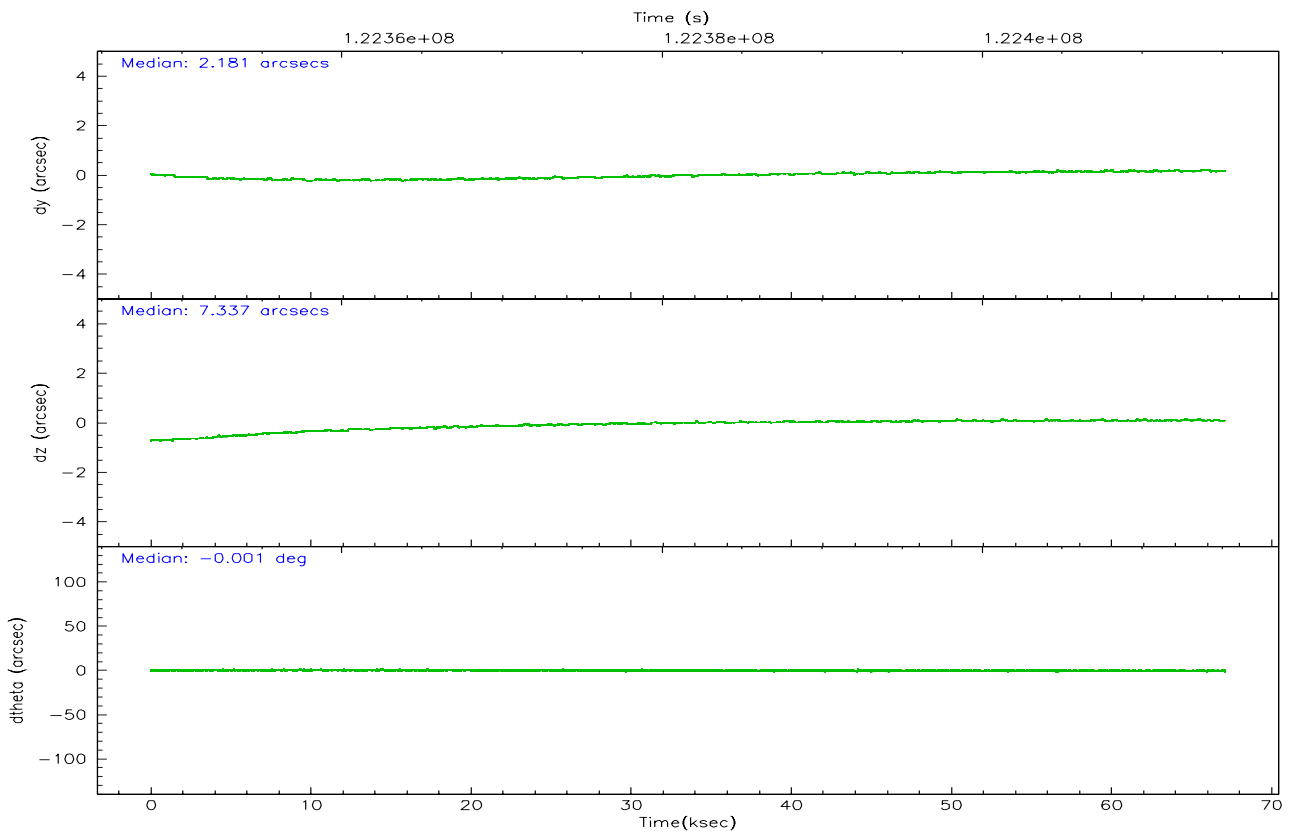
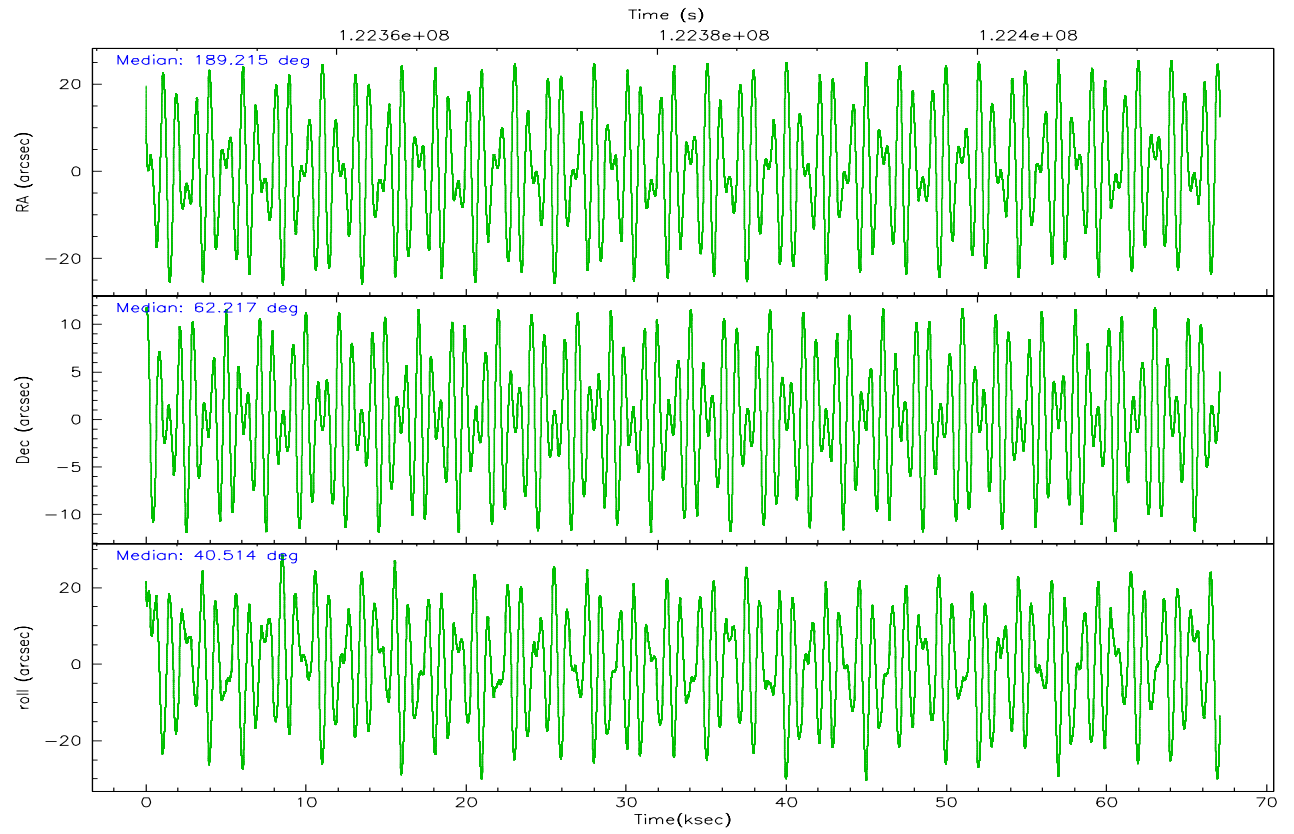
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	13670	12053	12599	11874
	4%	3%	3%	3%
grade 1 events	136	162	151	160
	0%	0%	0%	0%
grade 2 events	8139	7633	8012	6780
	2%	2%	2%	1%
grade 3 events	4153	4565	3854	3881
	1%	1%	1%	1%
grade 4 events	3840	4401	3863	3800
	1%	1%	1%	1%
grade 5 events	9454	10498	9192	10906
	2%	3%	2%	3%
grade 6 events	6174	7174	6213	6206
	1%	2%	1%	1%
grade 7 events	290341	286421	339647	318360
	86%	86%	88%	87%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	189.195967	189.2154685699542	Subarray requested	NONE	NONE
Pointing Dec	62.191647	62.21752525968024	Alternating exposures requested	N	N
Pointing Roll	40.331722	40.52316484756694	Primary exposure time	0.000000	3.1
Roll angle	38.000000	38.000000			
Roll tolerance	10.000000	10.000000			
Roll constraint allows 180D rotation	N	N			
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	122348182.184000	122346541.23132			
Observation start date	2001-11-17T01:35:18	2001-11-17T01:09:01			
Observation end time	122415182.184000	122416433.42161			
Observation end date	2001-11-17T20:11:58	2001-11-17T20:33:53			
Read mode	TIMED	TIMED			

2.3 Aspect



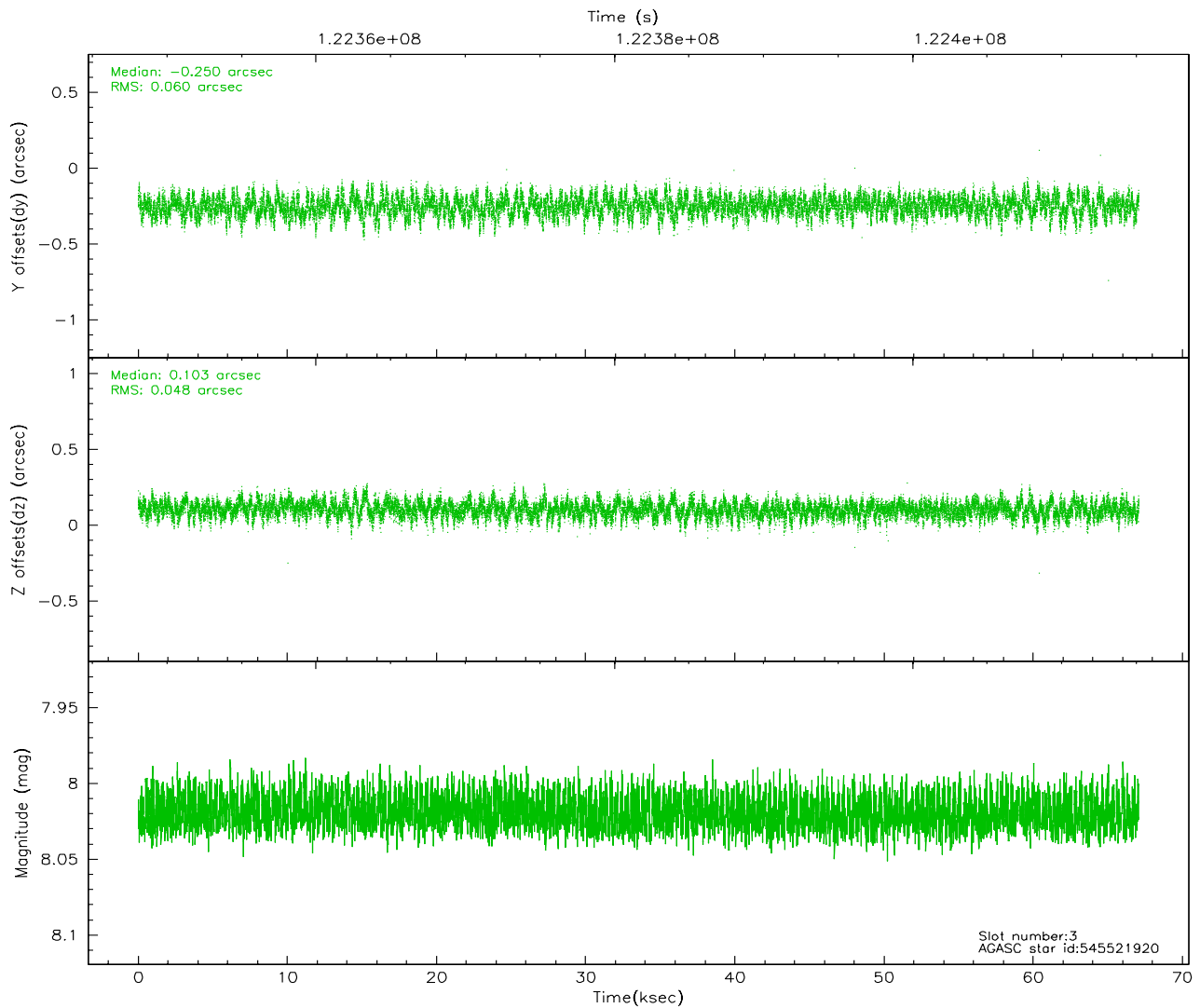
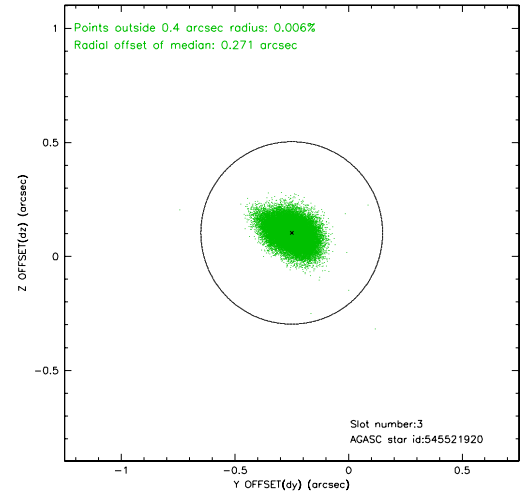
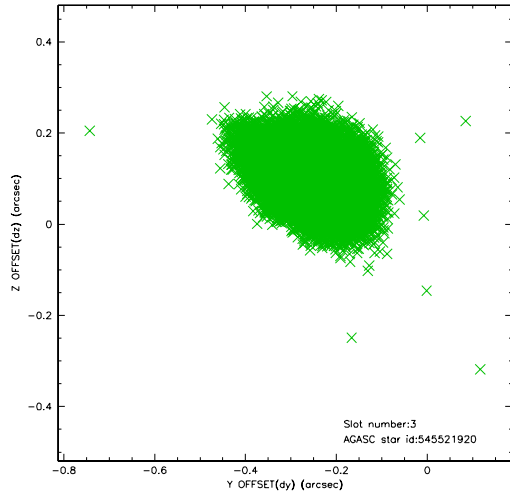


Slot Statistics

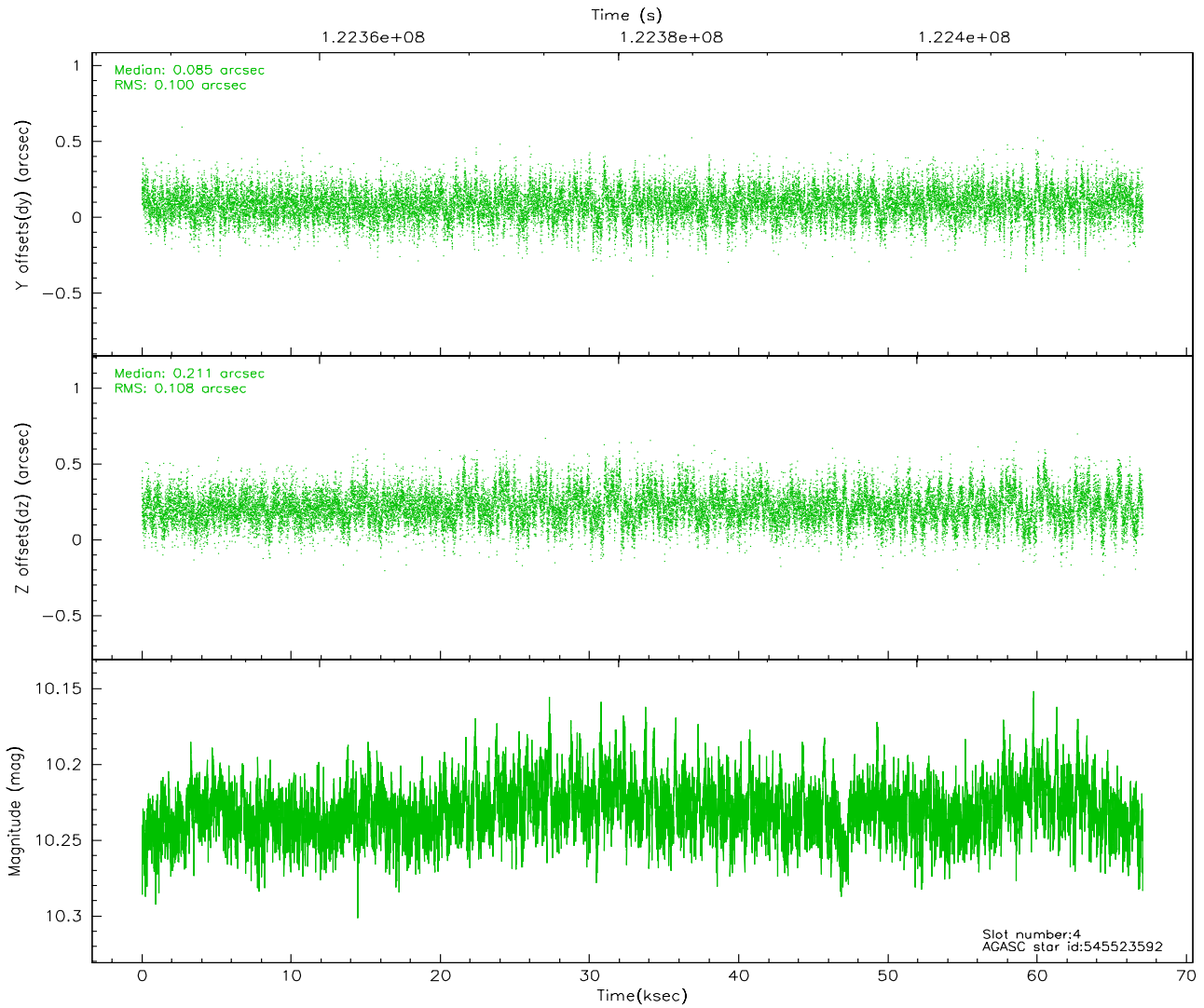
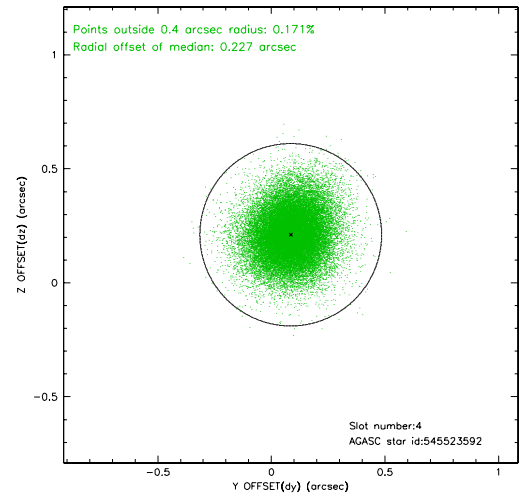
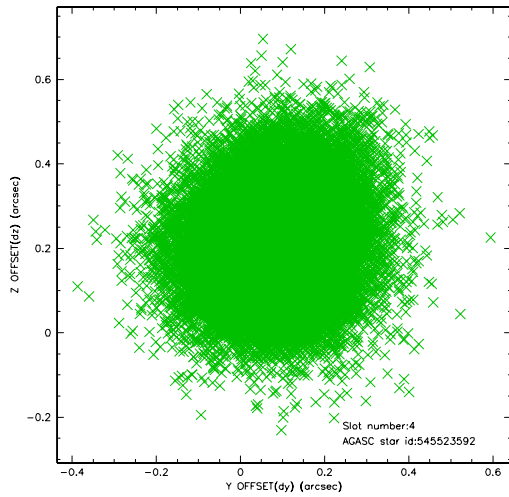
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	16367	-0.034	0.068	0.008	0.020	0.000000	0.000000	937.59	-830.60
1	FID	ACIS-I-5	7.23	16365	0.003	0.040	0.006	0.011	0.000000	0.000000	-1810.47	1066.96
2	FID	ACIS-I-6	7.26	16364	-0.061	-0.037	0.009	0.020	0.000000	0.000000	403.22	1711.27
3	GUIDE	545521920	8.02	32717	-0.250	0.103	0.081	0.133	190.203465	62.042567	957.72	-1498.84
4	GUIDE	545523592	10.23	32675	0.085	0.211	0.154	0.257	188.664324	61.541019	-2208.17	-1192.18
5	GUIDE	545523632	10.04	32712	0.194	0.083	0.165	0.290	188.952319	61.550910	-1810.32	-1487.11
6	GUIDE	544605560	10.24	32705	0.169	-0.308	0.214	0.335	187.386670	62.313812	-1994.70	2325.76
7	GUIDE	545916224	9.59	32706	-0.195	-0.086	0.129	0.202	188.817359	62.651242	594.53	1668.46

2.4 Star Slots

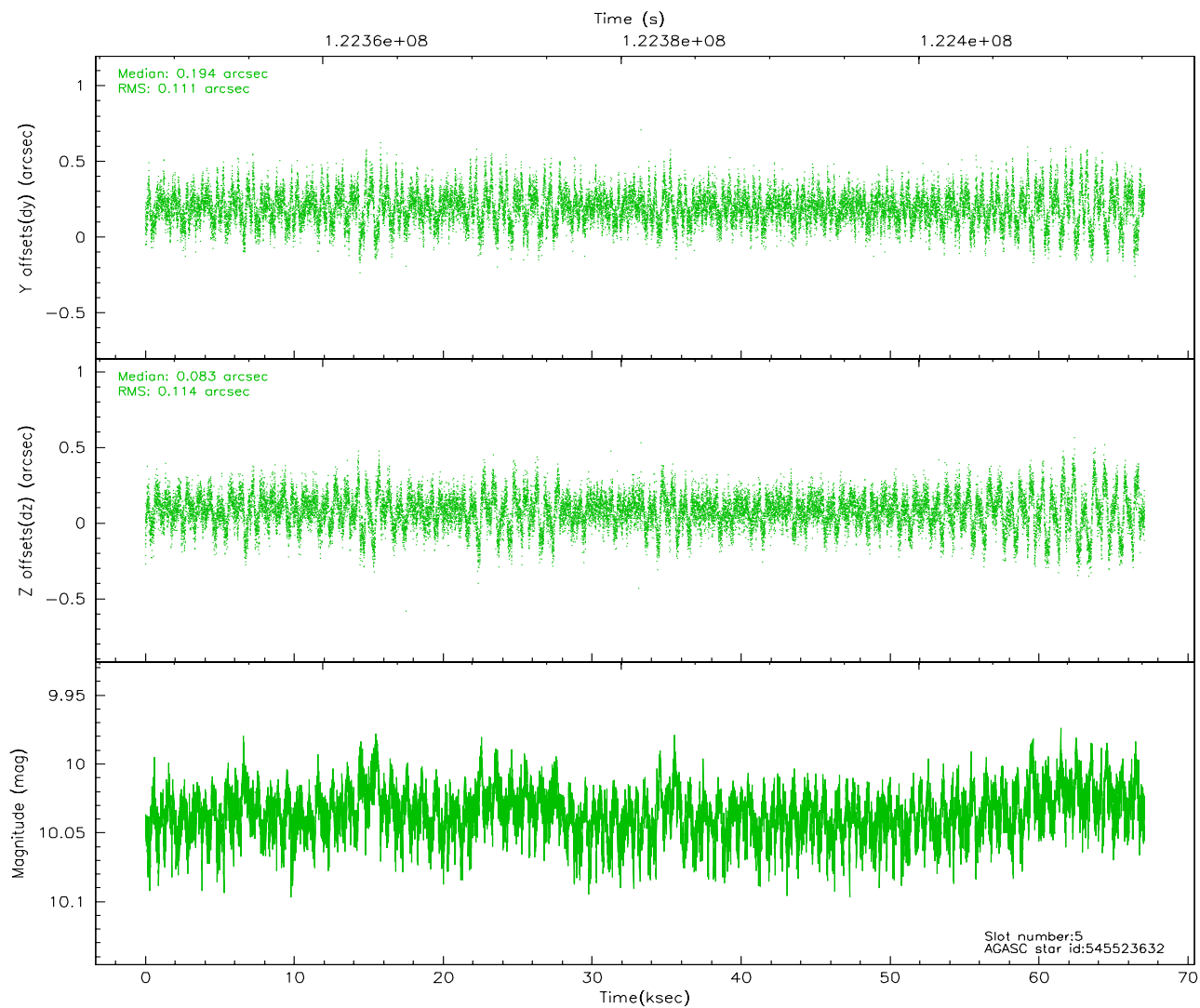
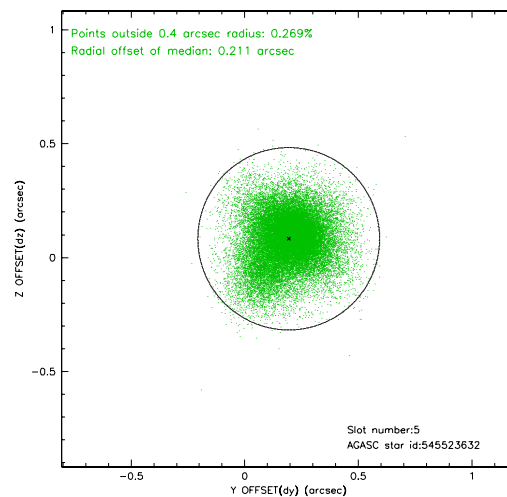
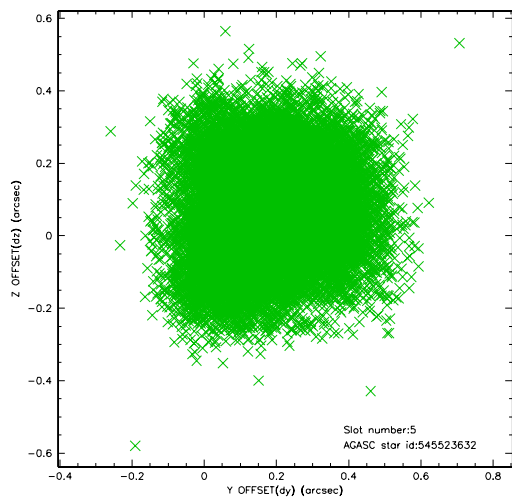
2.4.1 Slot 3



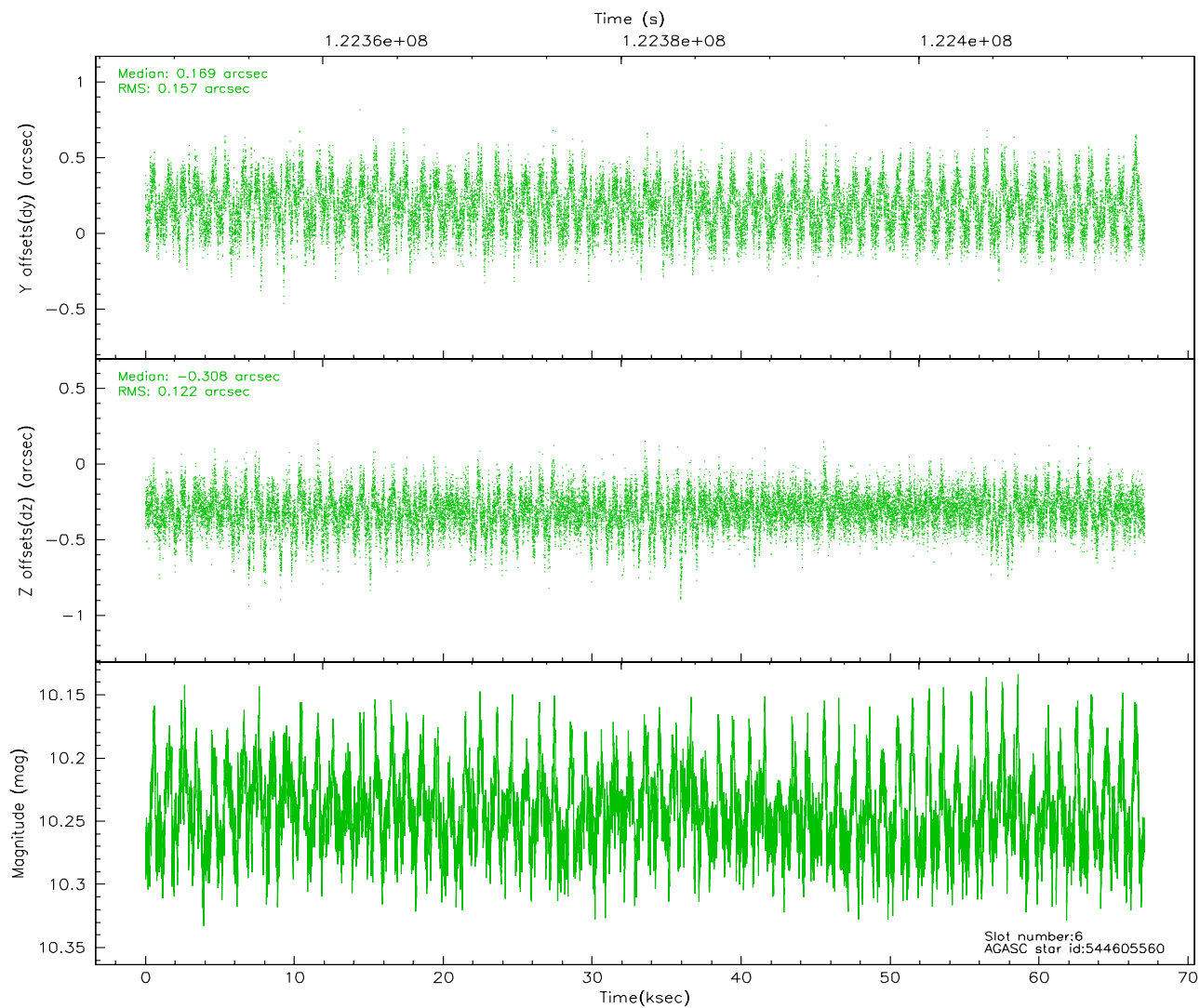
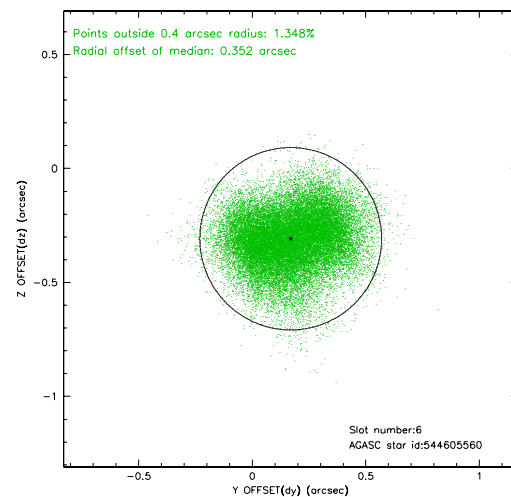
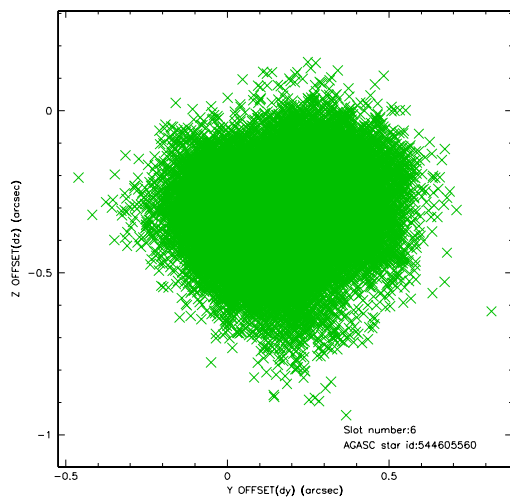
2.4.2 Slot 4



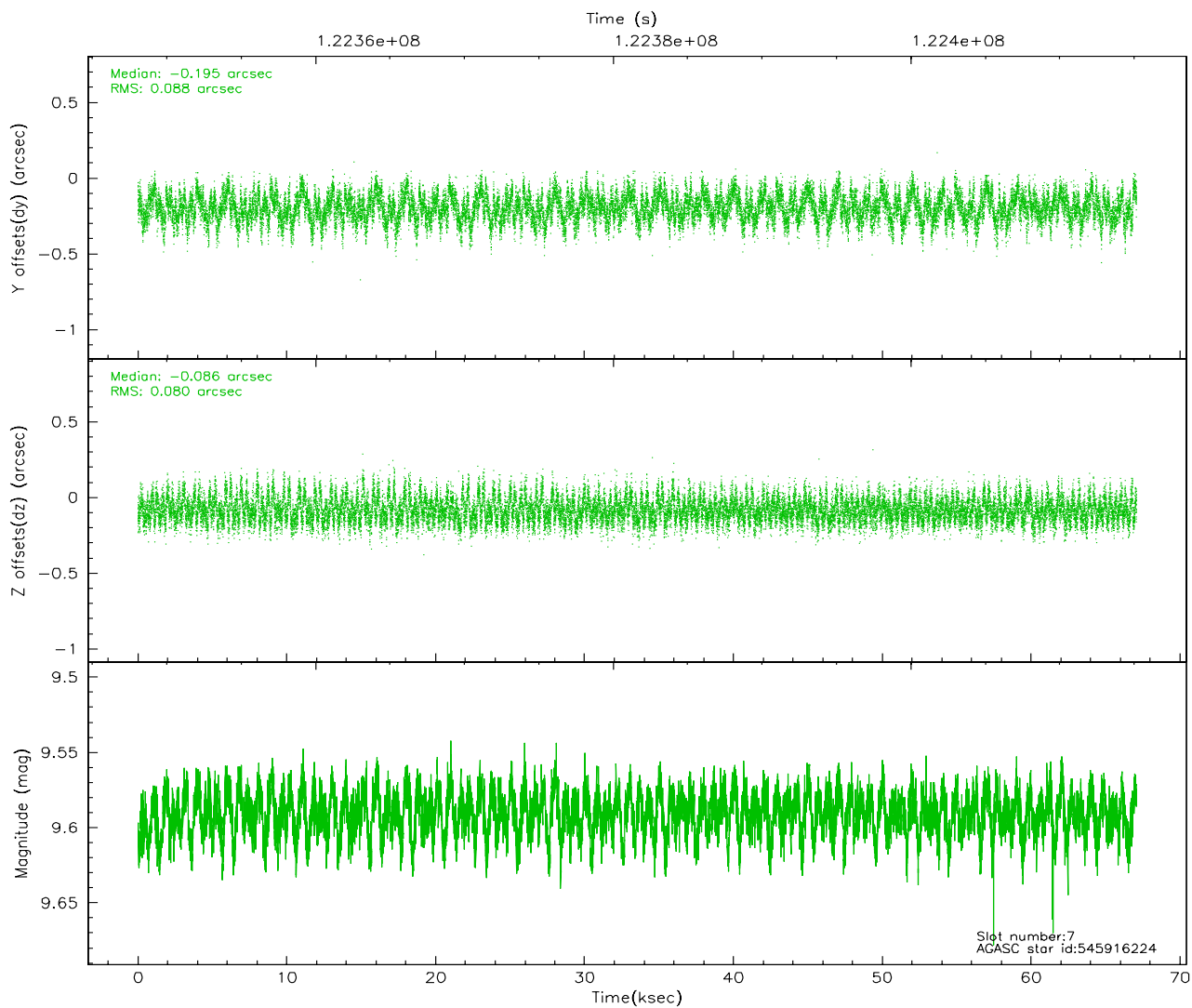
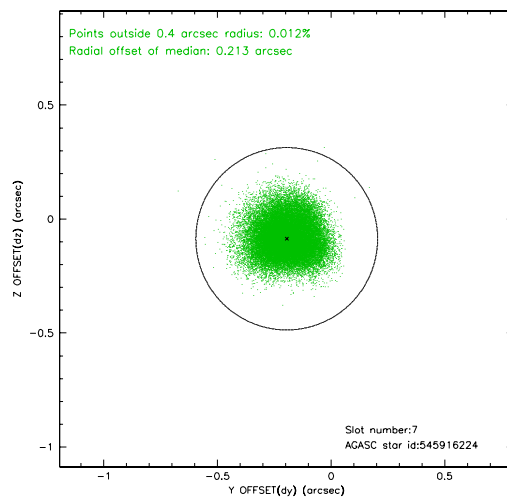
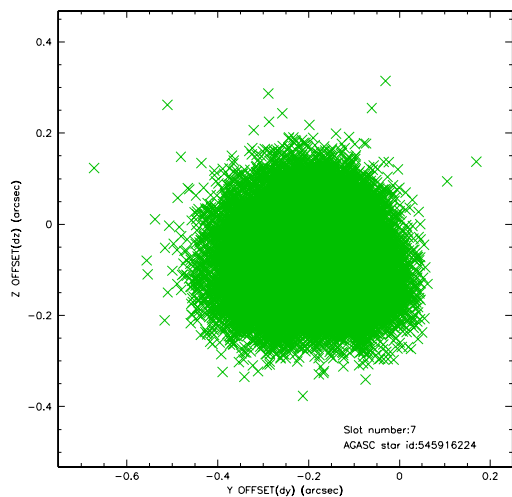
2.4.3 Slot 5



2.4.4 Slot 6

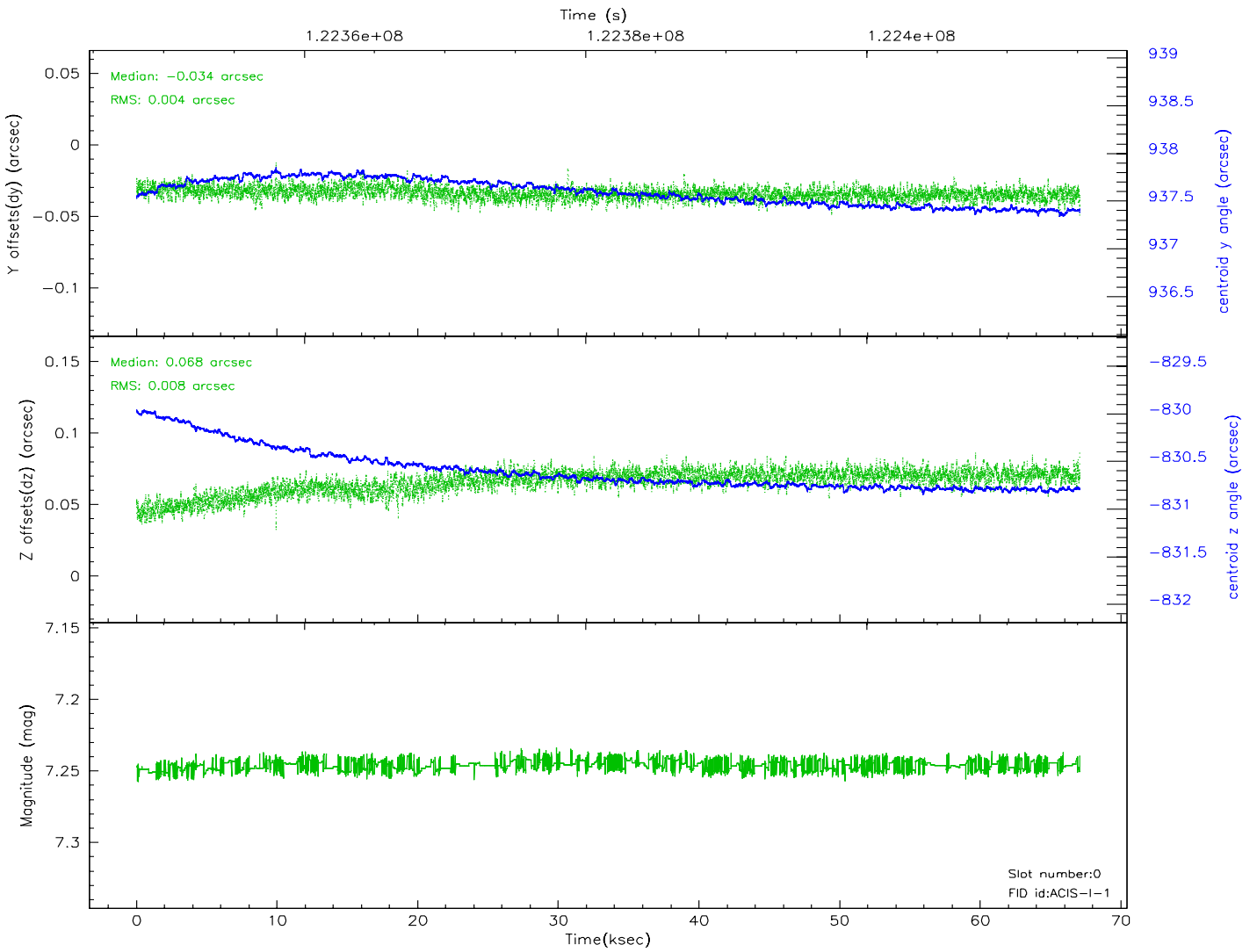
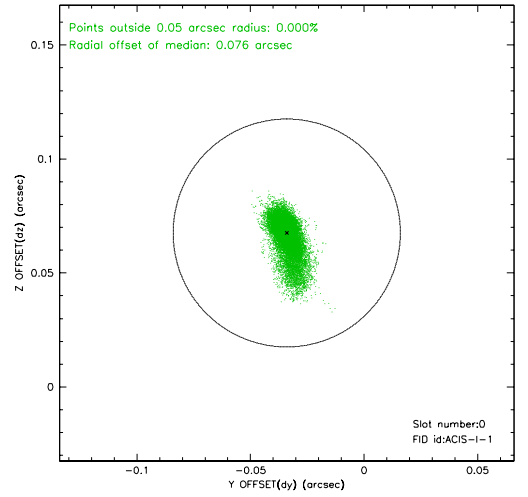
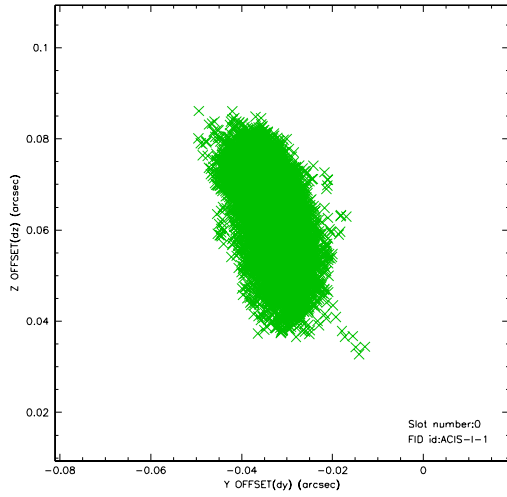


2.4.5 Slot 7

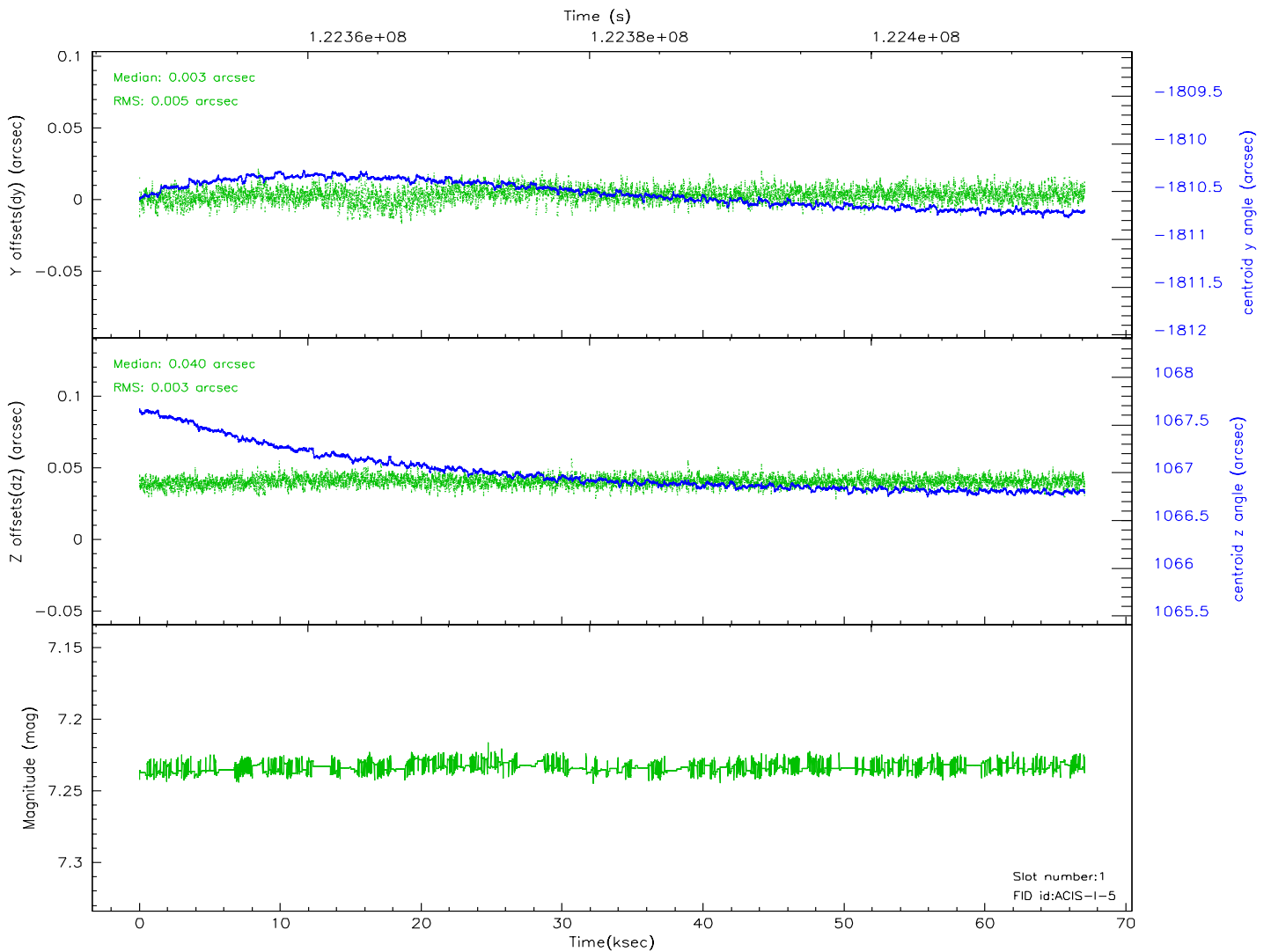
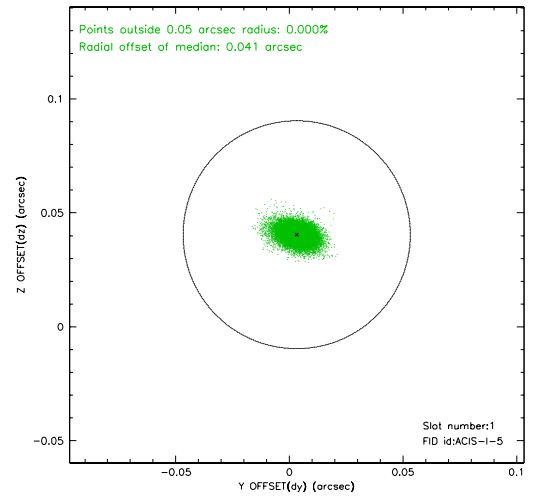
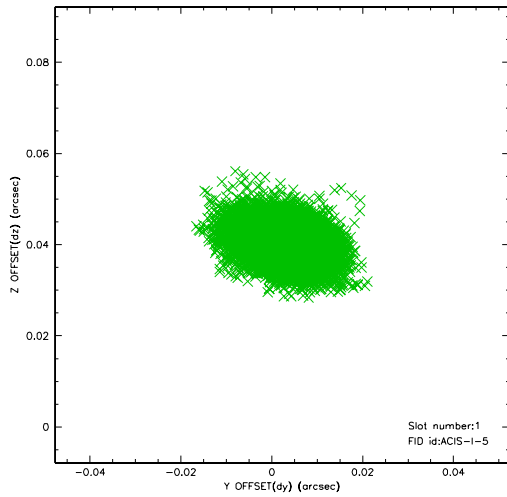


2.5 FID Slots

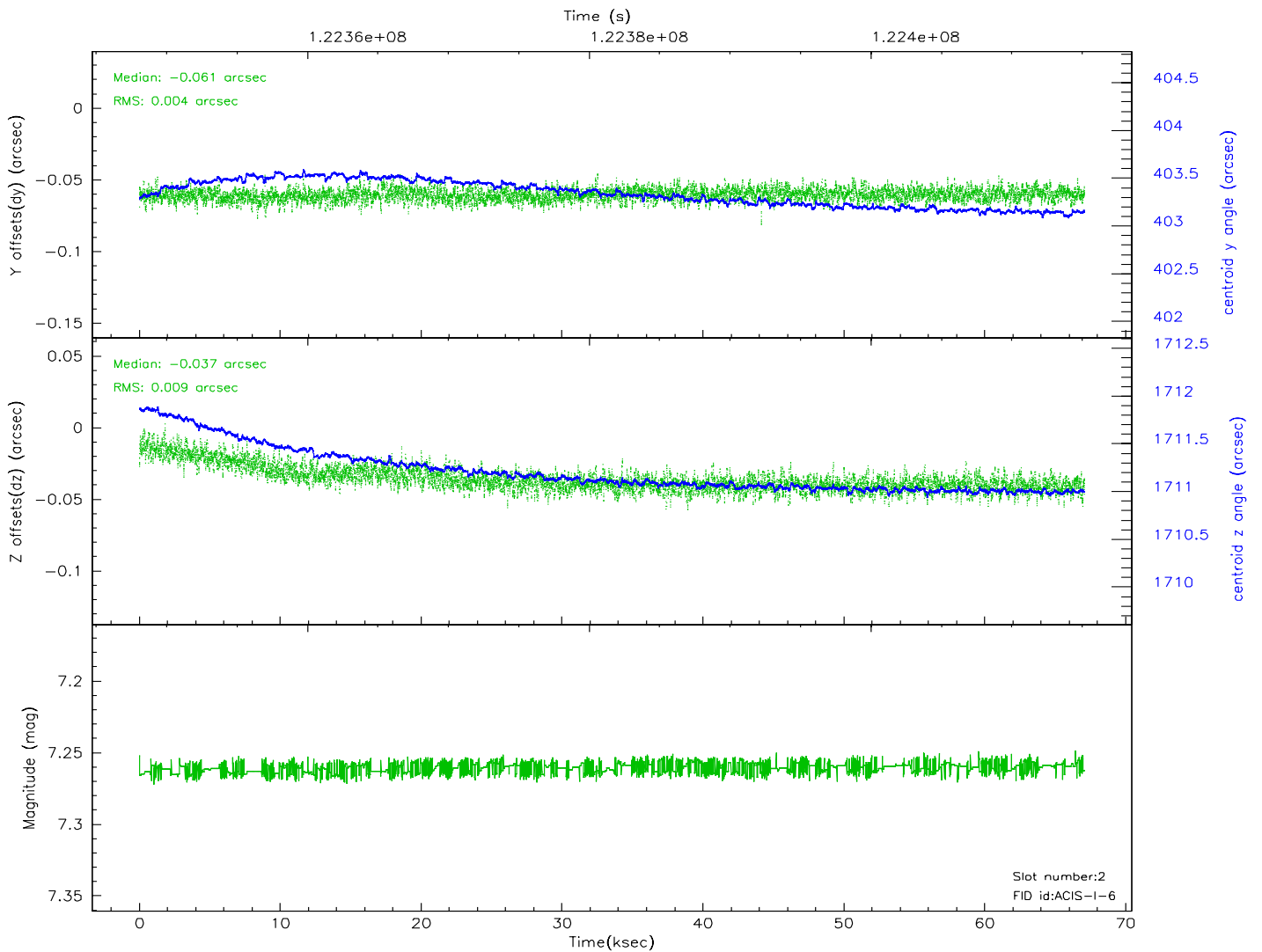
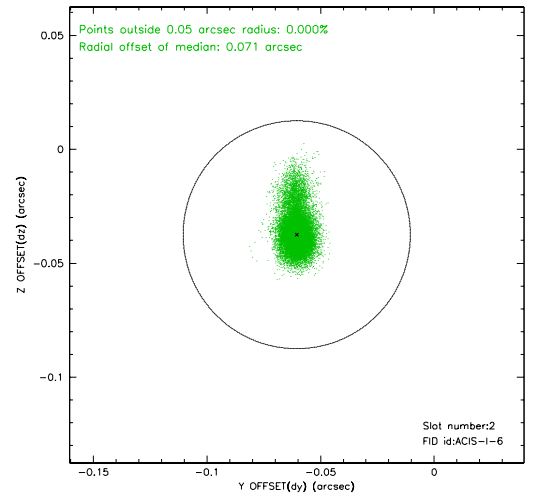
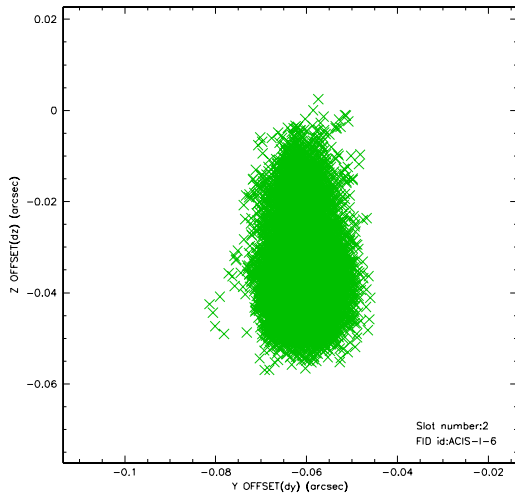
2.5.1 Slot 0



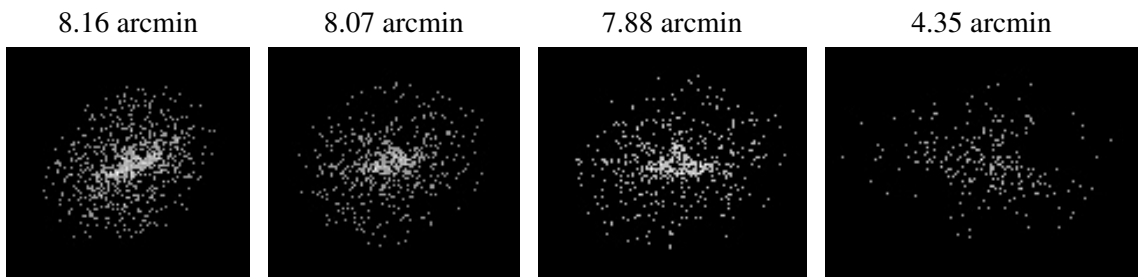
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.089

A.2 Comments