

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6274 - L2 Version 002
Chandra X-Ray Center

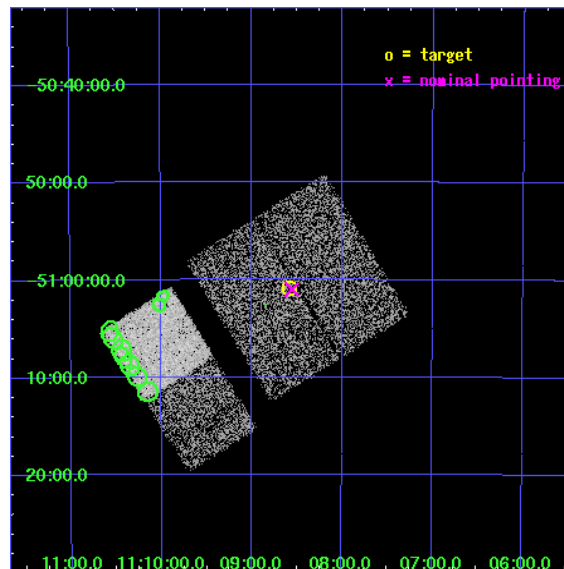
L2 Processing Date : Mar 11 2006

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1 Front

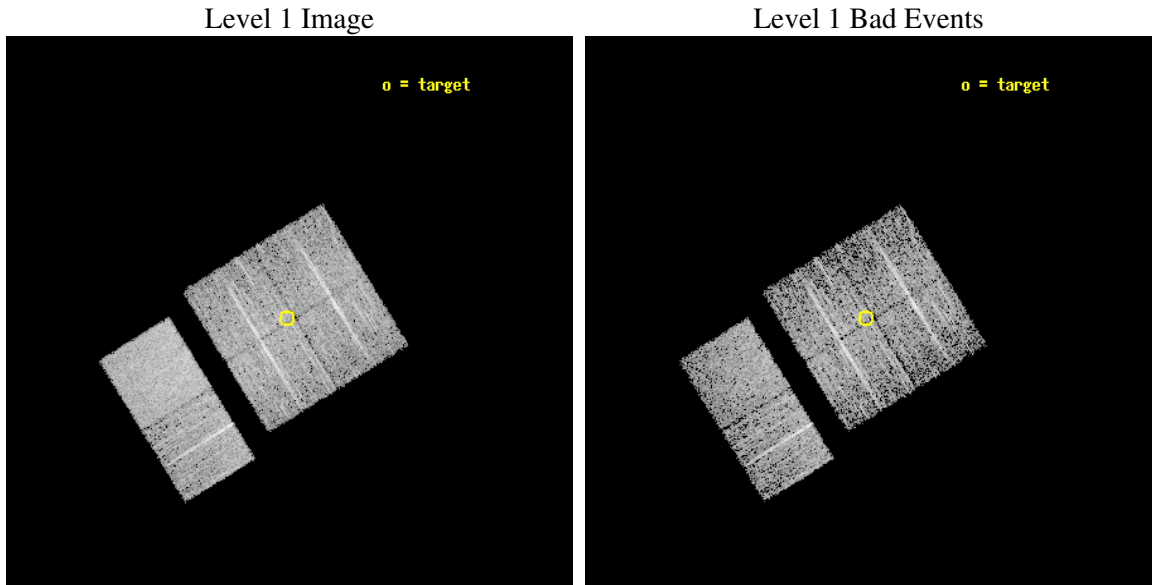
seq_num	701176
obs_id	6274
title	Search for strongly obscured AGNs: support for INTEGRAL all-sky hard X-ray survey
observer	Prof. Rashid Sunyaev
object	IGR J11085-5100
dtcycle	0
cycle	P
ra_targ	167.144167
dec_targ	-51.014
ra_nom	167.13831131939
dec_nom	-51.016692987852
roll_nom	238.37045238843
revision	2
ontime	3676.7999863029
livetime	3630.2421309731
ontime0	3676.7999863029
ontime1	3676.7999863029
ontime2	3676.7999863029
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ontime7	3676.7999863029
l2events	29291



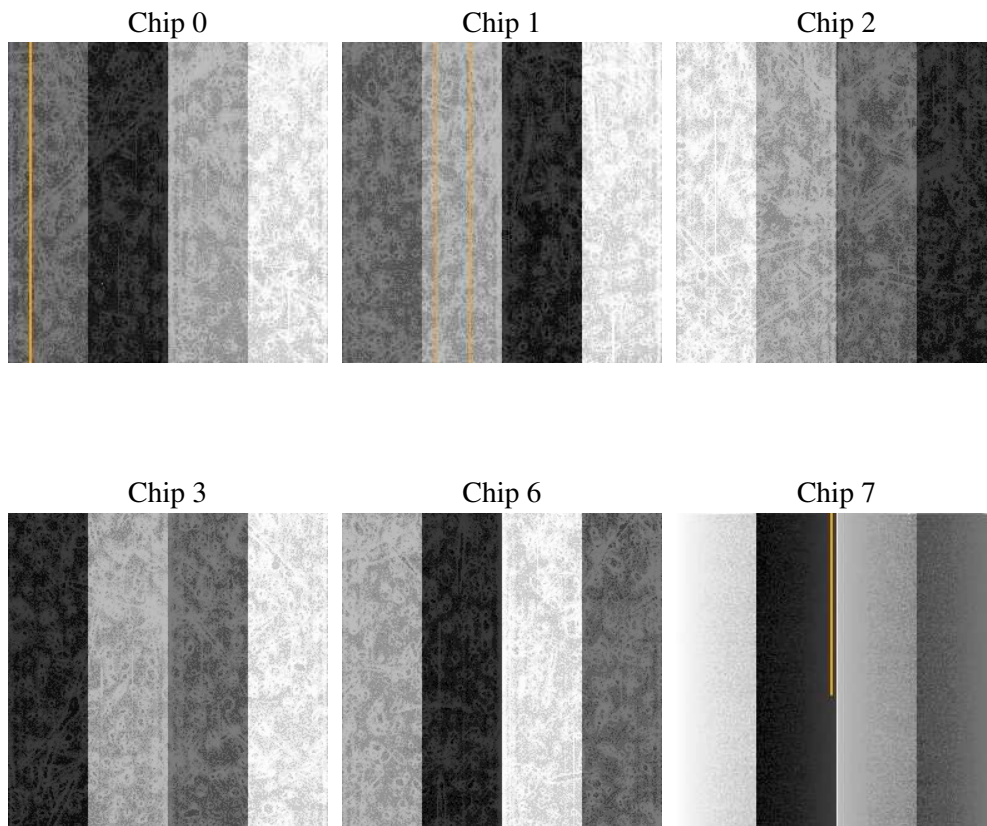
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-12T00:51:16
revision	2

sched_exp_time	3500.000000
ontime	3727.1565906703
ontime0	3727.1566205919
ontime1	3727.1565906703
ontime2	3727.1565906703
ontime3	3727.1565906703
ontime6	3727.1565906703
ontime7	3727.1566205919
l1events	181856

2.1.4 Events

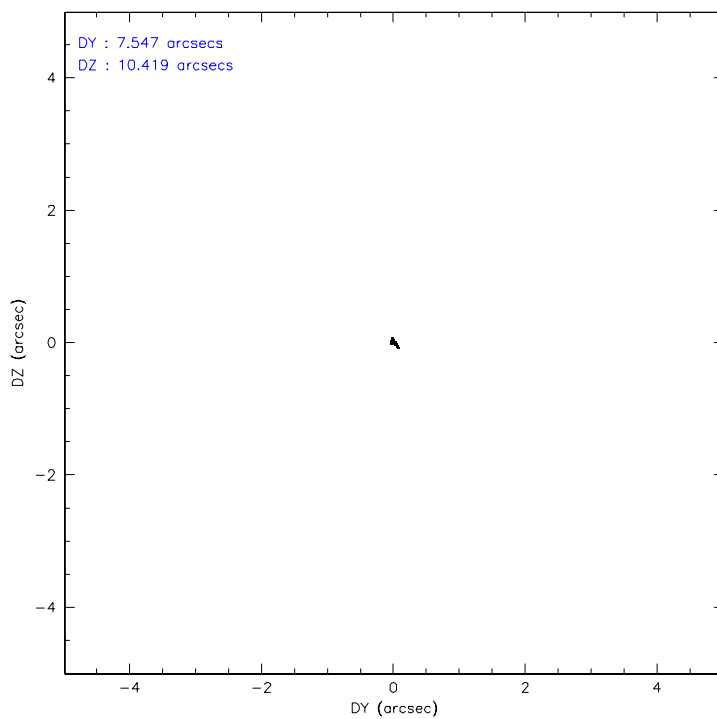
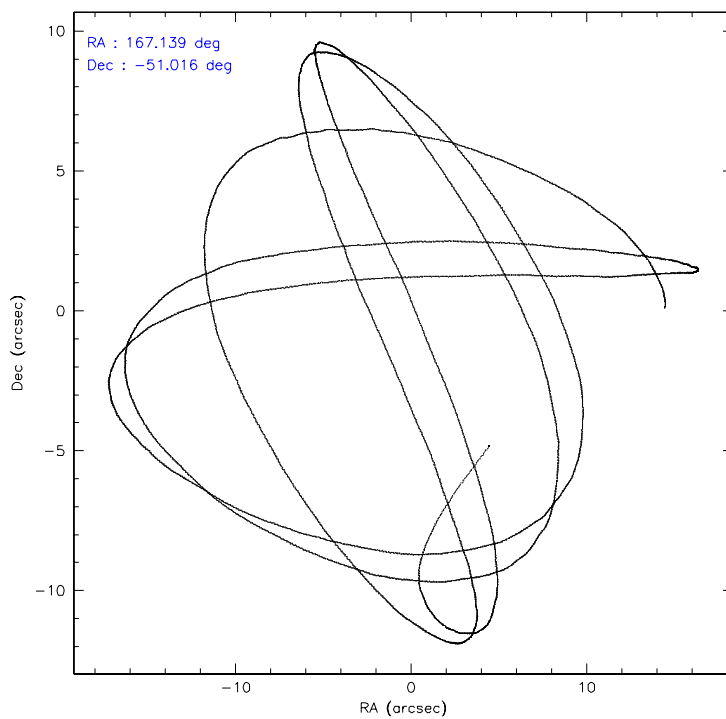
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	27044	26486	29807	28208	30576	39735
rejected events	23554	22873	26295	24896	27080	25075
rejected %	87%	86%	88%	88%	88%	63%

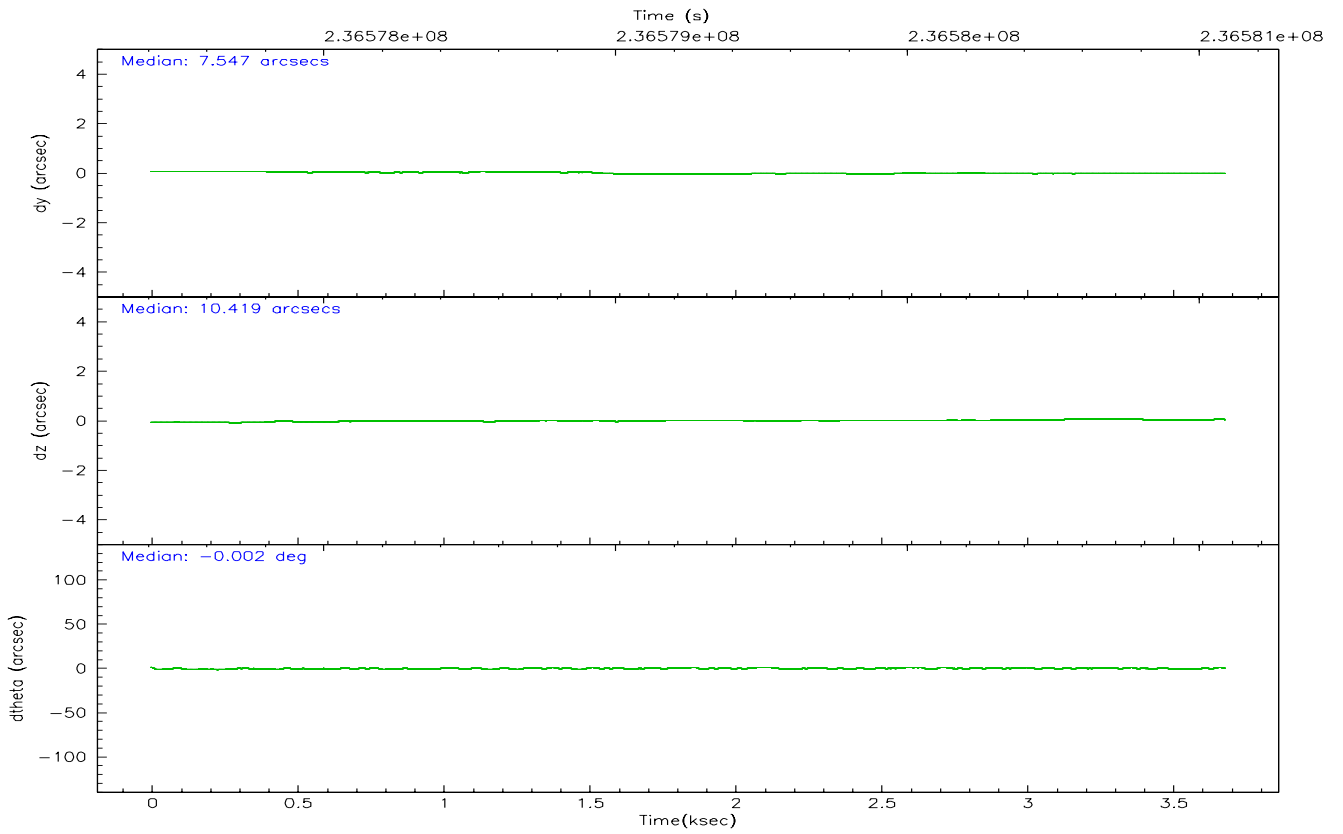
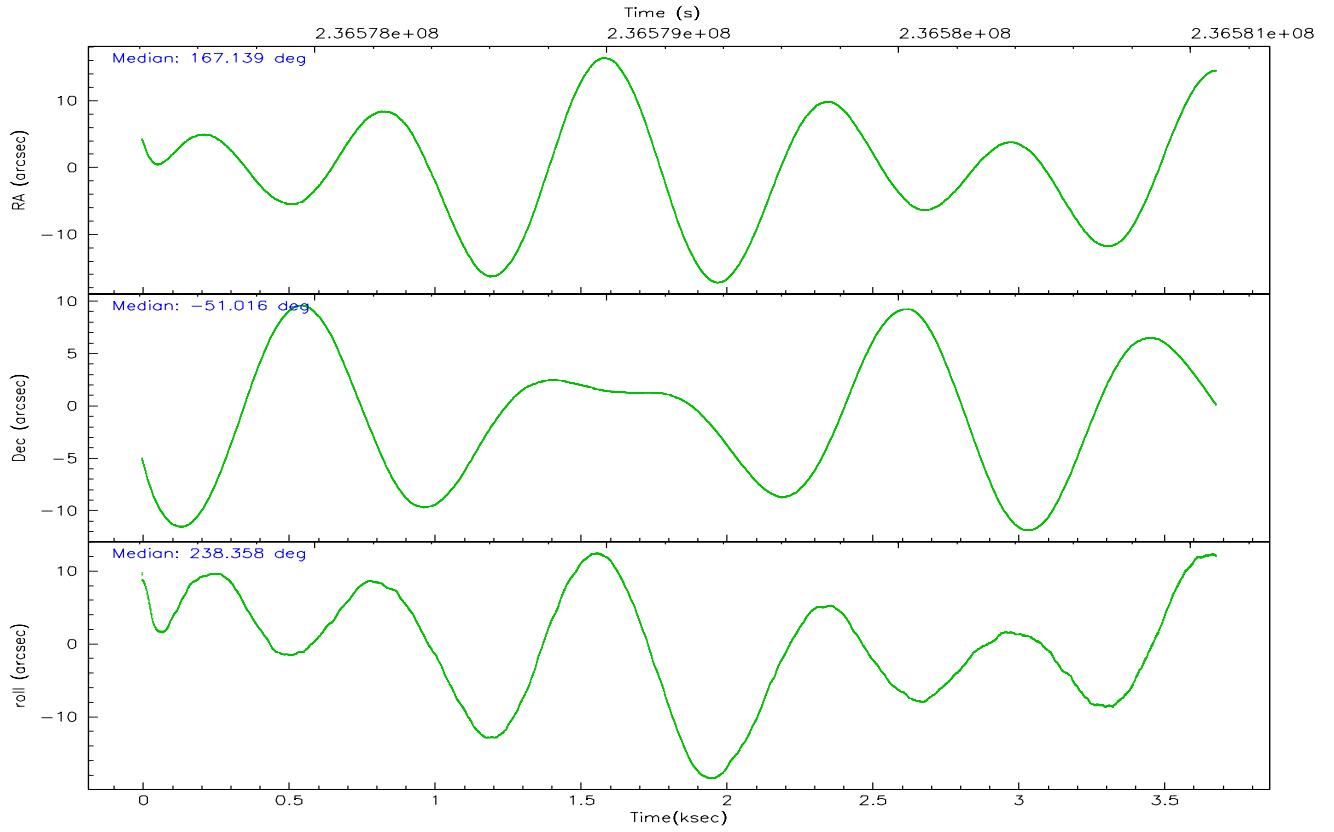
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1526	1451	1557	1376	1356	795
	5%	5%	5%	4%	4%	2%
grade 1 events	14	8	19	16	15	29
	0%	0%	0%	0%	0%	0%
grade 2 events	757	835	754	714	761	3670
	2%	3%	2%	2%	2%	9%
grade 3 events	334	358	331	294	371	671
	1%	1%	1%	1%	1%	1%
grade 4 events	313	335	327	333	316	671
	1%	1%	1%	1%	1%	1%
grade 5 events	1208	1299	1182	1331	1418	2569
	4%	4%	3%	4%	4%	6%
grade 6 events	602	679	589	647	738	9071
	2%	2%	1%	2%	2%	22%
grade 7 events	22290	21521	25048	23497	25601	22259
	82%	81%	84%	83%	83%	56%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	167.139225	167.1383113193864	Alternating exposures requested	N	N
Pointing Dec	-50.989308	-51.01669298785244	Primary exposure time	0.000000	3.2
Pointing Roll	238.162462	238.3704523884253			
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	236577585.184000	236576492.38507			
Observation start date	2005-07-01T03:58:41	2005-07-01T03:41:32			
Observation end time	236581085.184000	236581857.74781			
Observation end date	2005-07-01T04:57:01	2005-07-01T05:10:57			
Read mode	TIMED	TIMED			

2.3 Aspect



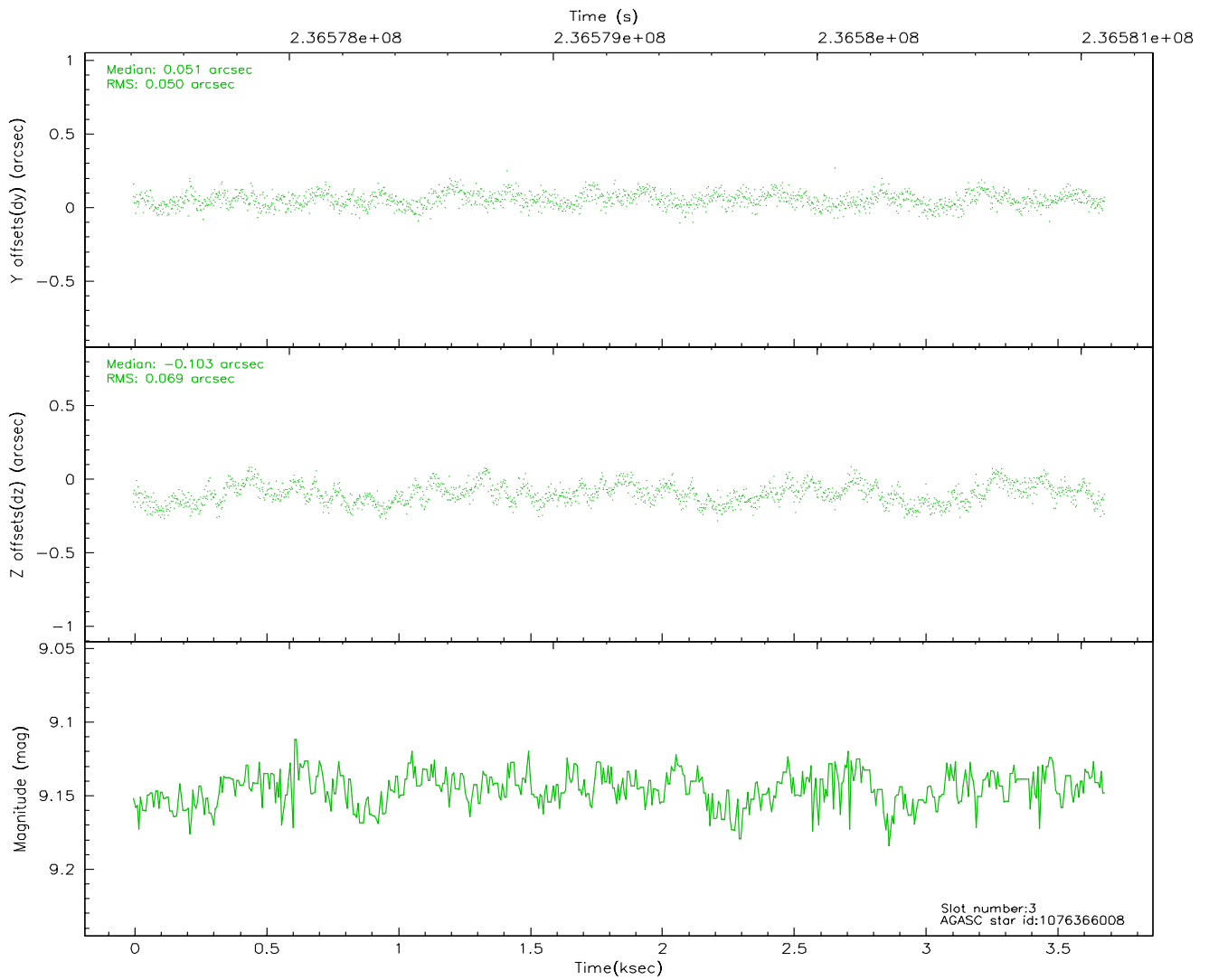
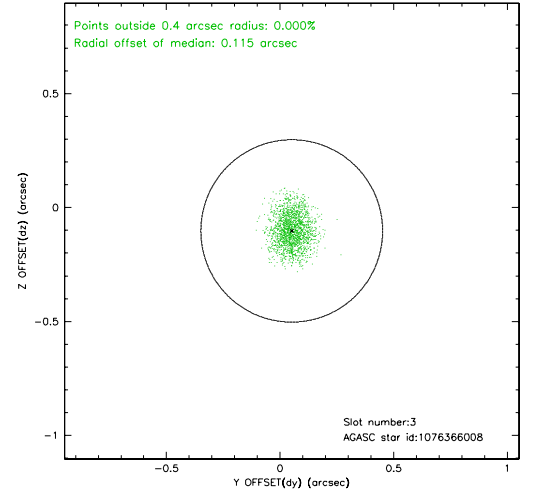
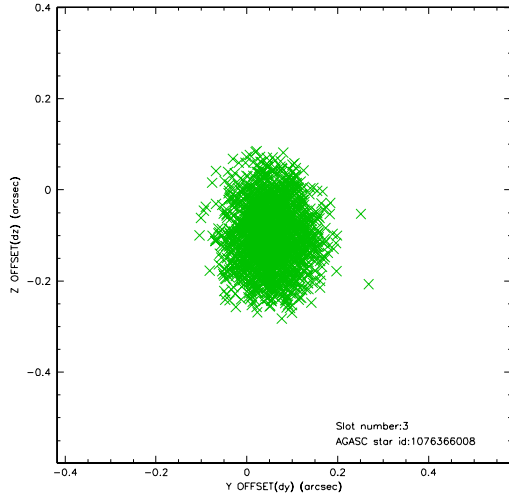


Slot Statistics

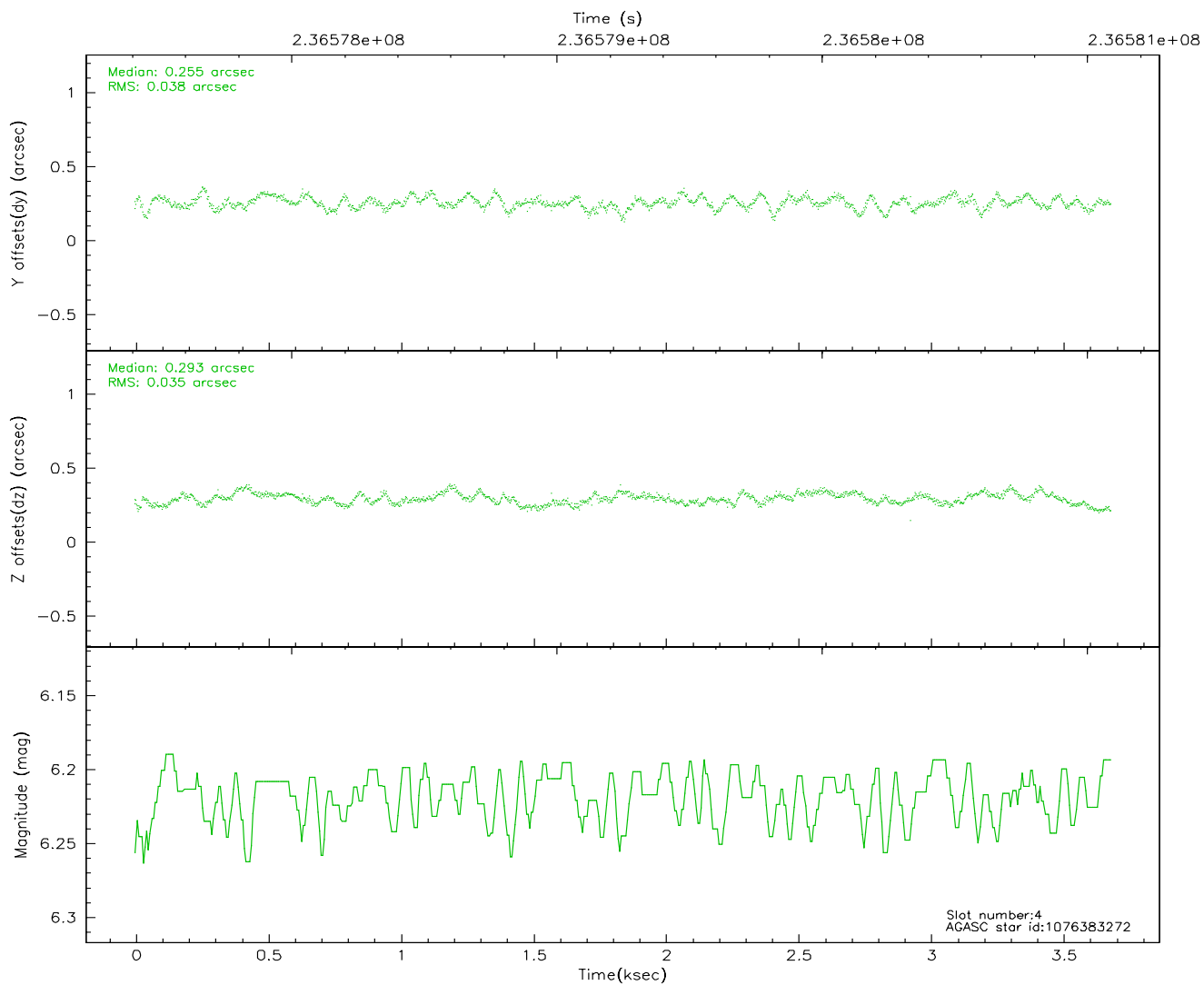
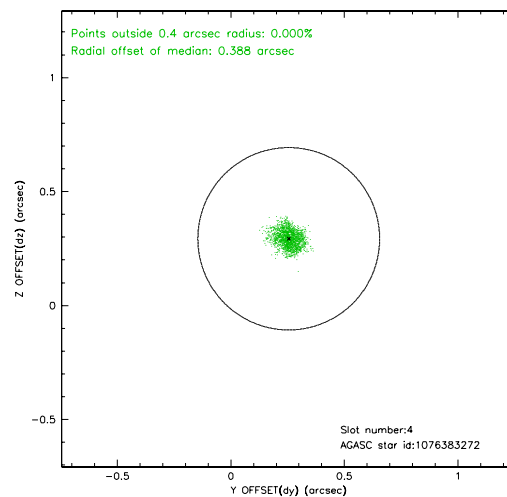
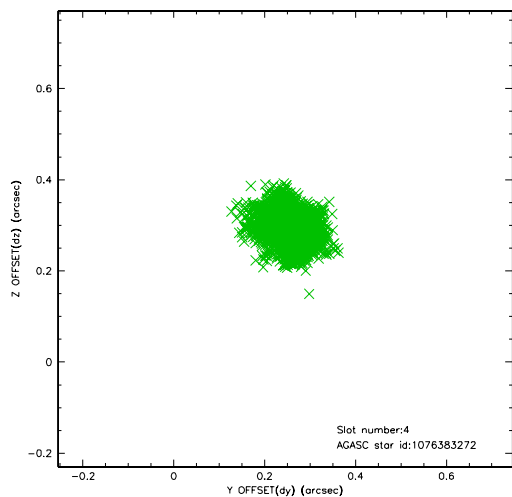
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	898	0.003	0.020	0.006	0.011	0.000000	0.000000	932.11	-833.89
1	FID	ACIS-I-5	7.23	899	-0.146	0.028	0.006	0.011	0.000000	0.000000	-1815.19	1062.77
2	FID	ACIS-I-6	7.25	898	0.052	0.022	0.007	0.011	0.000000	0.000000	395.86	1709.19
3	GUIDE	1076366008	9.15	1796	0.051	-0.103	0.092	0.144	167.117557	-51.158632	544.14	279.91
4	GUIDE	1076383272	6.22	1797	0.255	0.293	0.057	0.085	166.523920	-51.212923	1421.99	-750.47
5	GUIDE	1075839528	9.41	1794	-0.149	0.200	0.090	0.144	167.600273	-50.443040	-2224.34	-138.46
6	GUIDE	1076366088	9.64	1793	-0.020	-0.370	0.146	0.230	165.955573	-50.887204	1123.84	-2466.46
7	GUIDE	1076371224	9.70	1795	-0.148	-0.029	0.119	0.192	168.213830	-51.153111	-763.55	2379.99

2.4 Star Slots

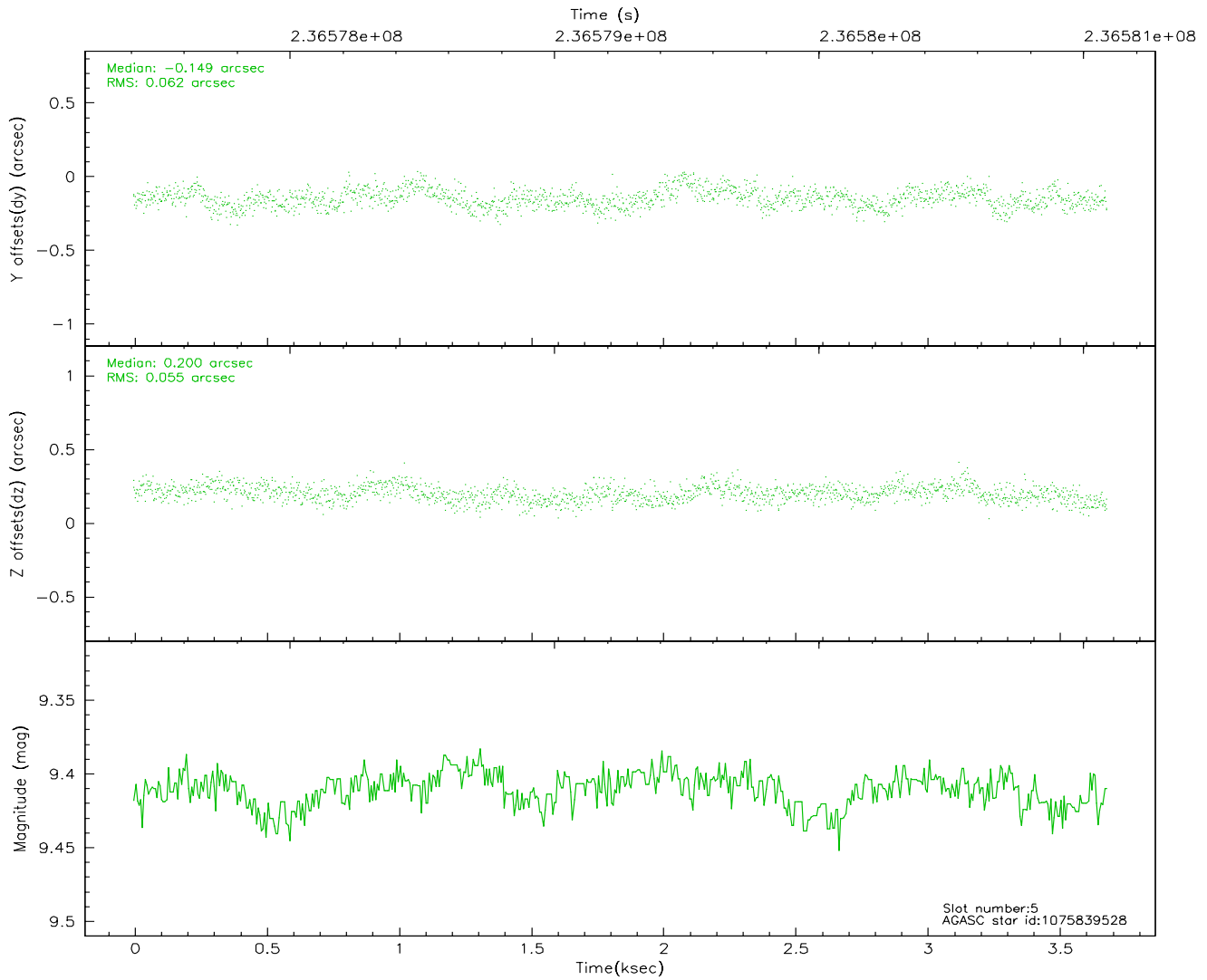
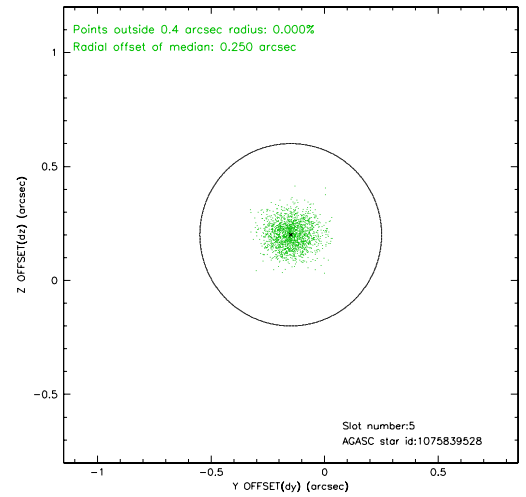
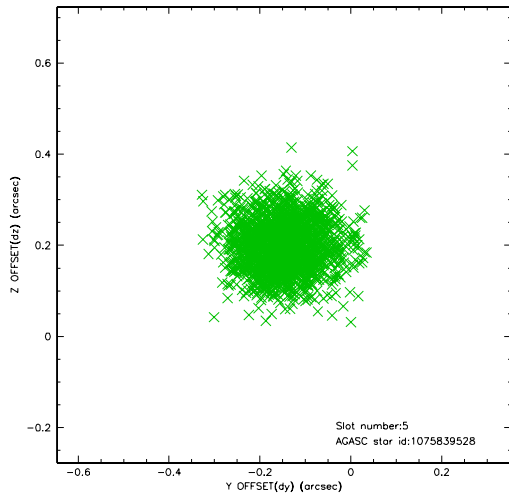
2.4.1 Slot 3



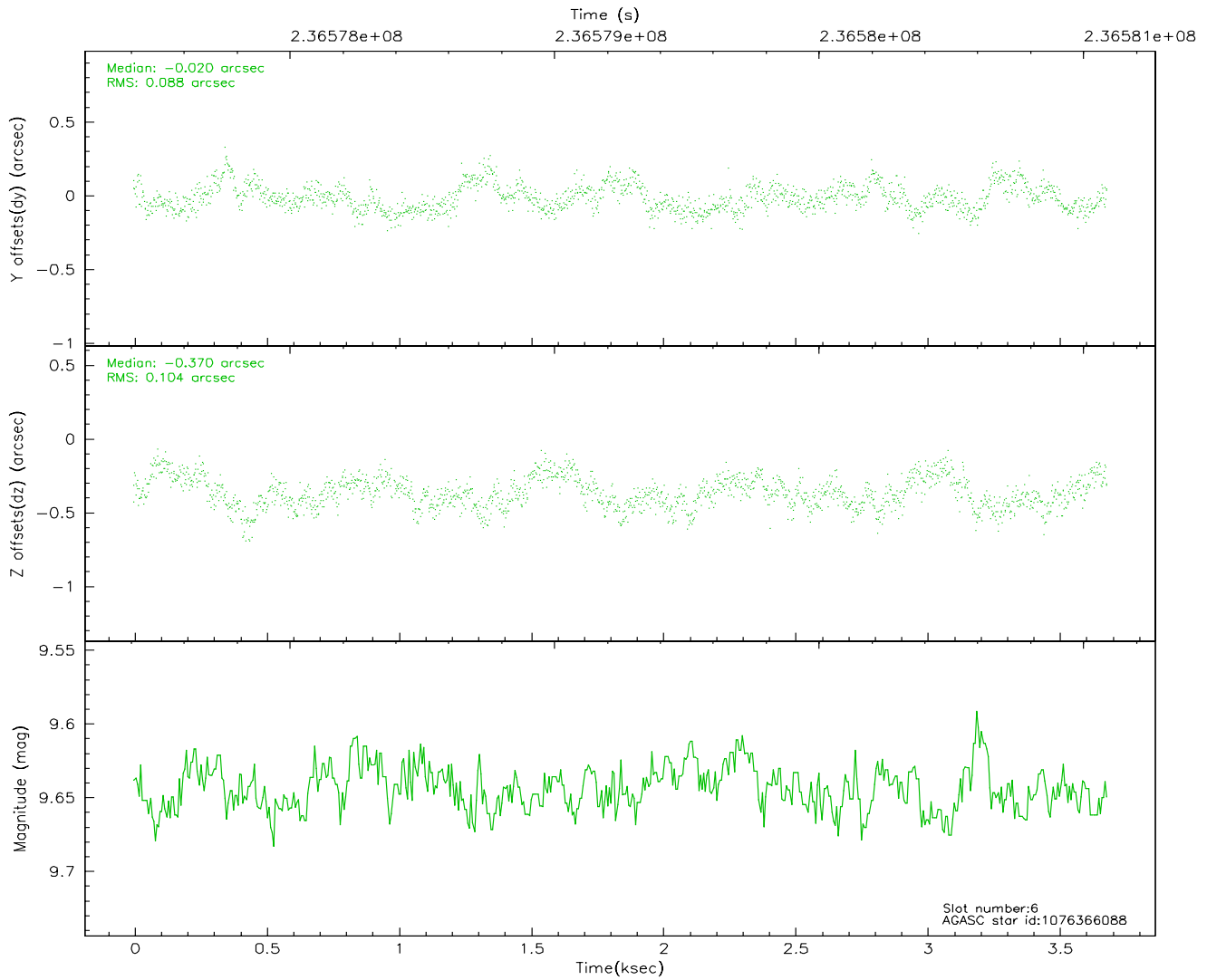
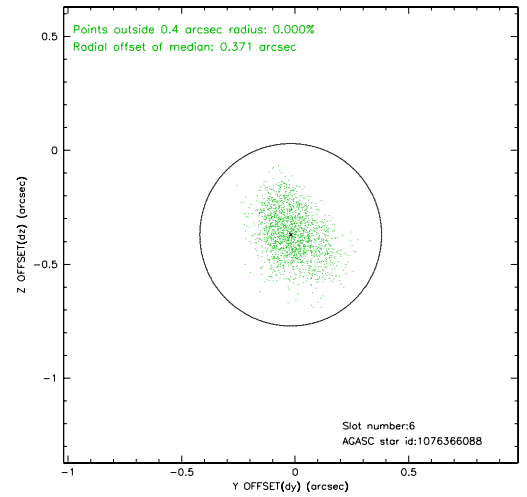
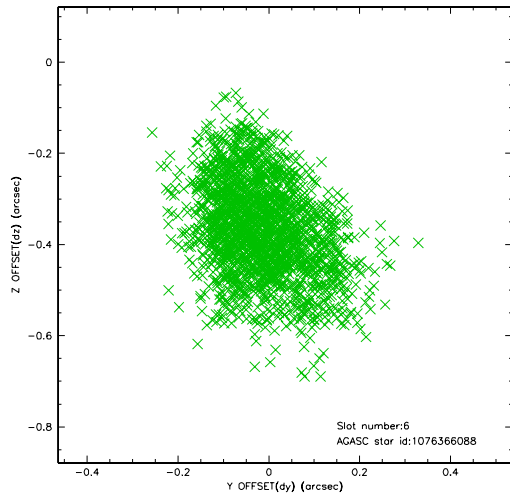
2.4.2 Slot 4



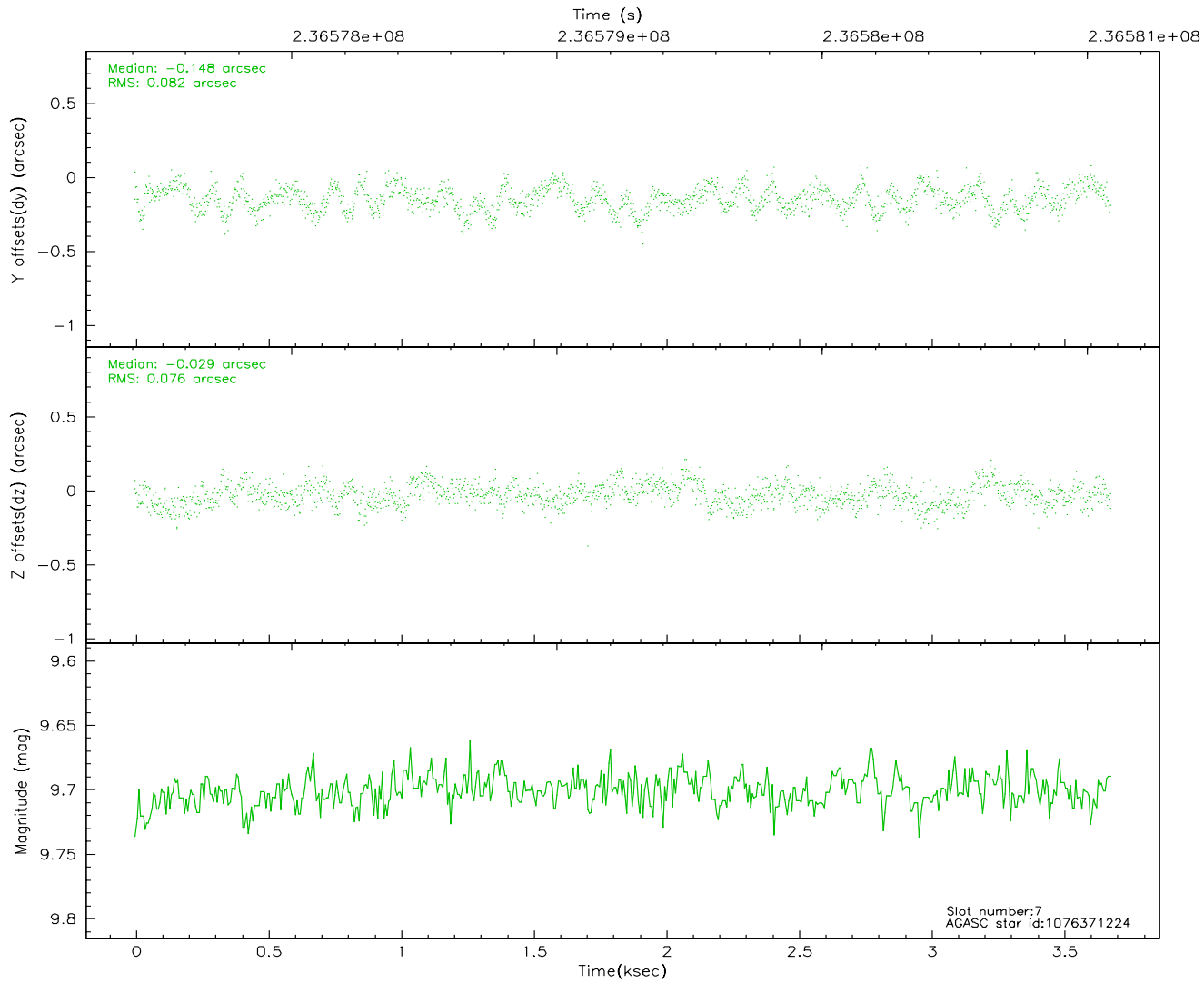
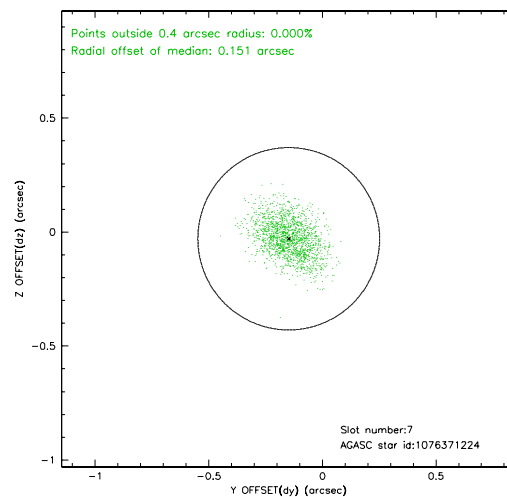
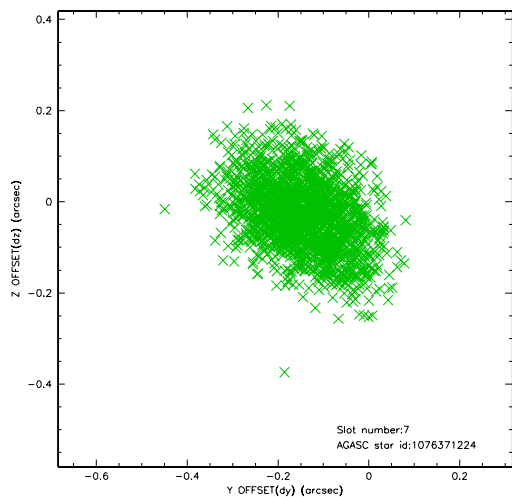
2.4.3 Slot 5



2.4.4 Slot 6

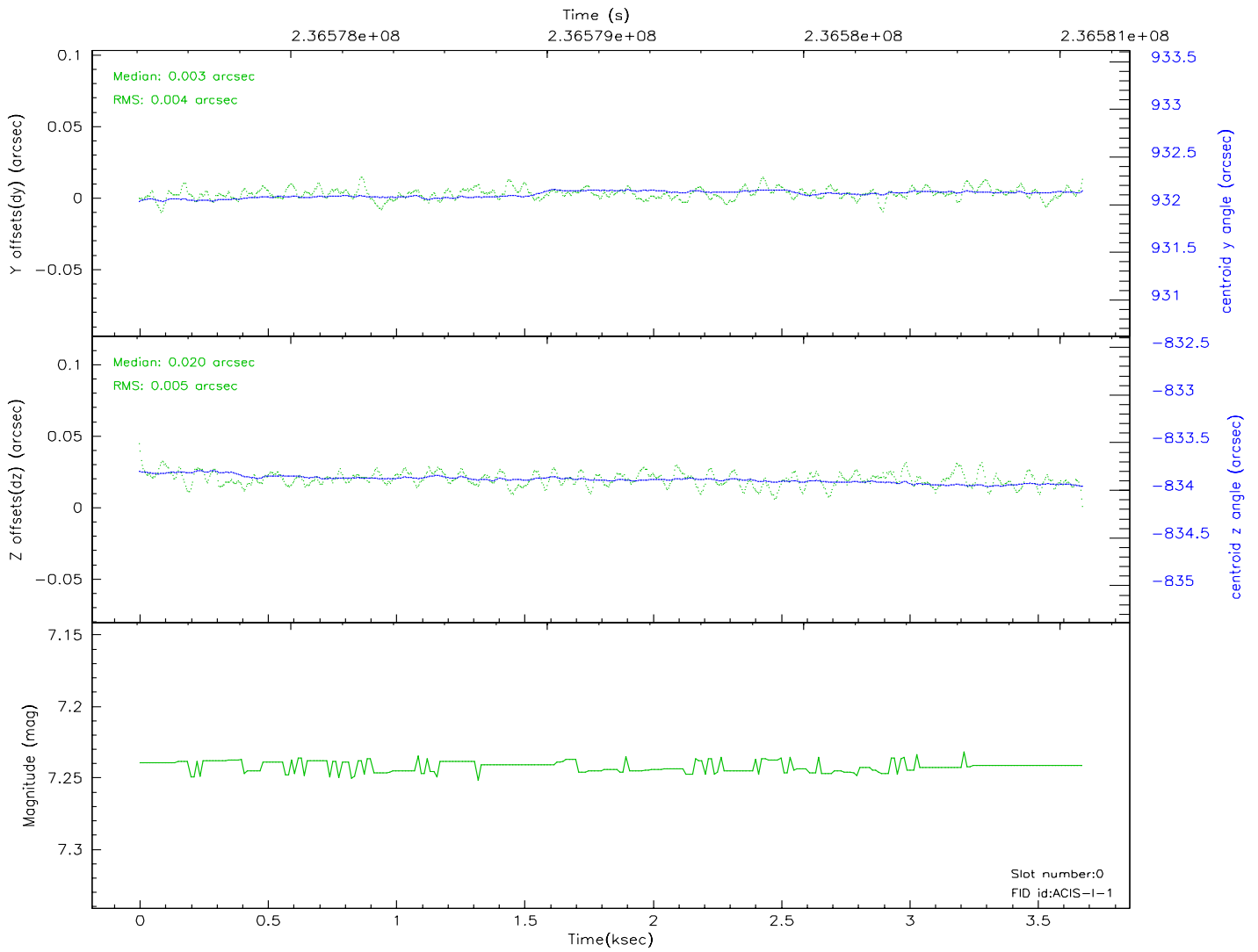
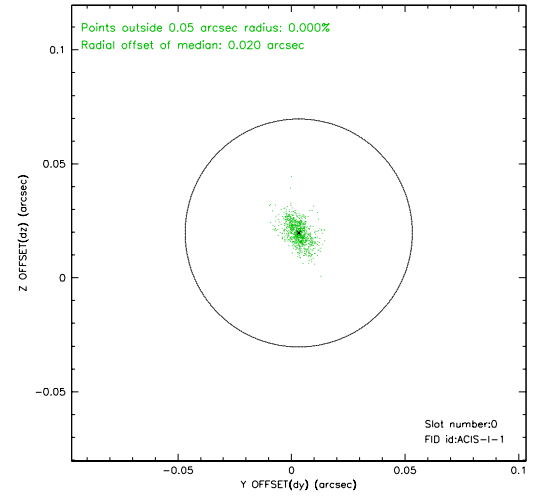
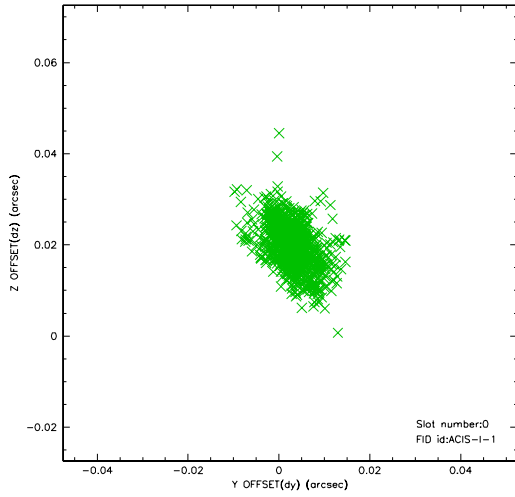


2.4.5 Slot 7

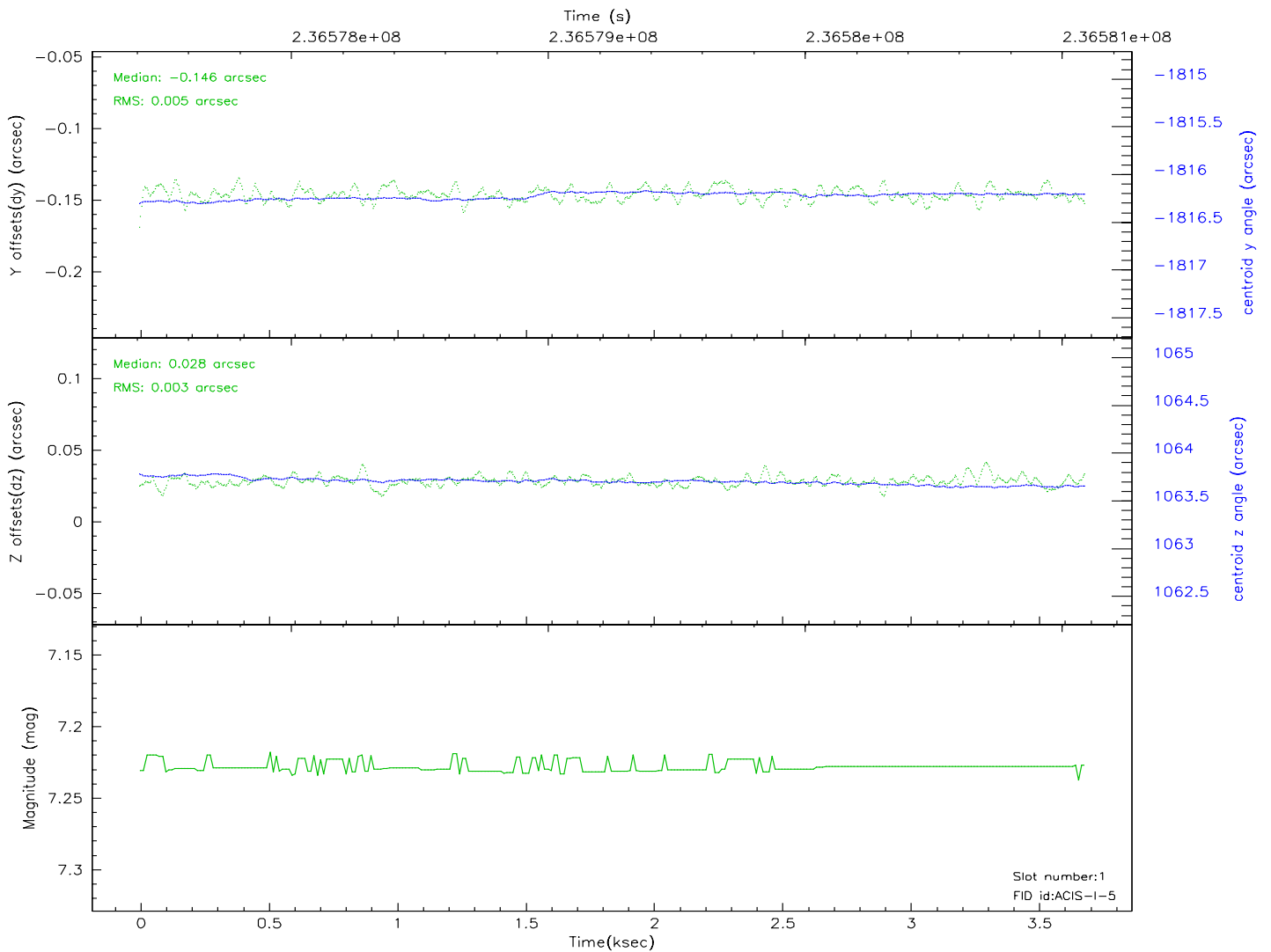
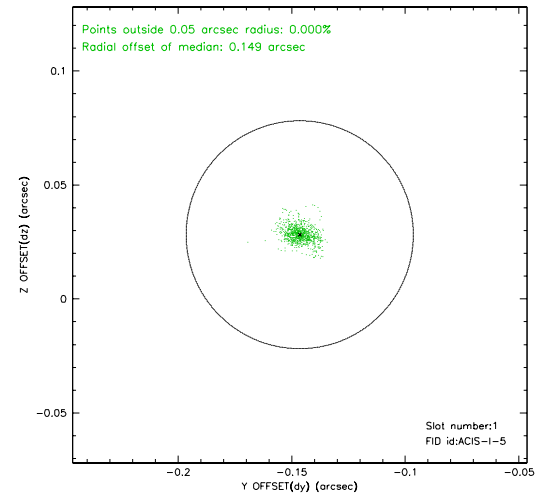
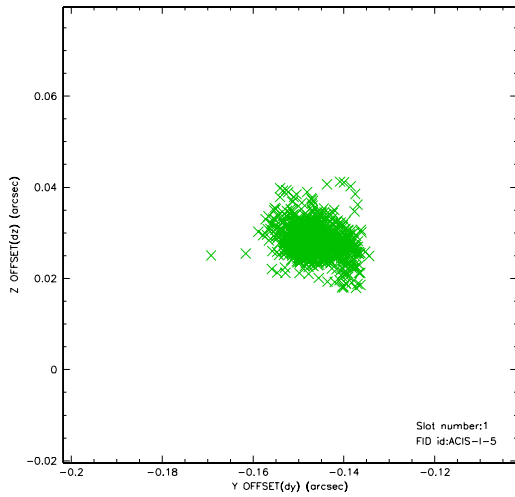


2.5 FID Slots

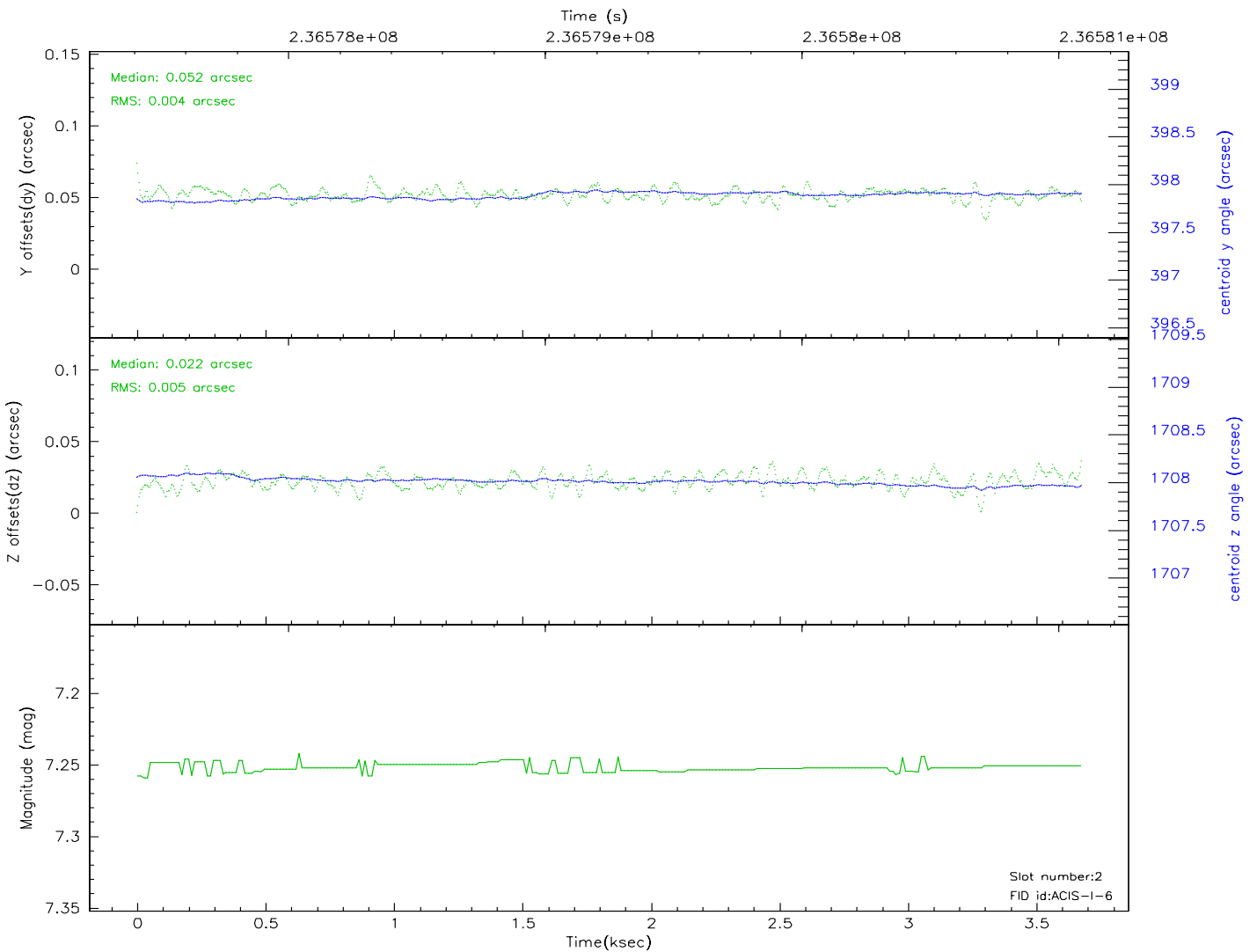
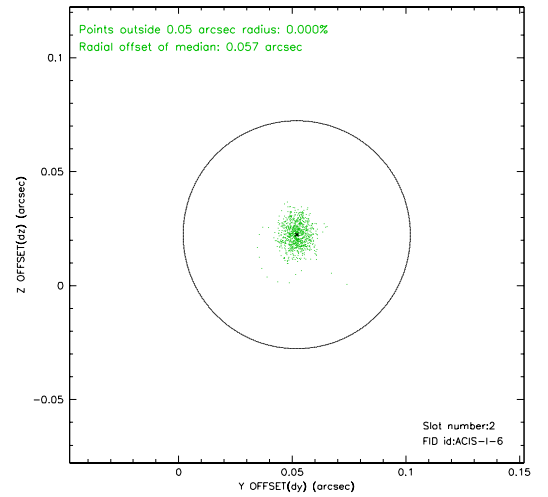
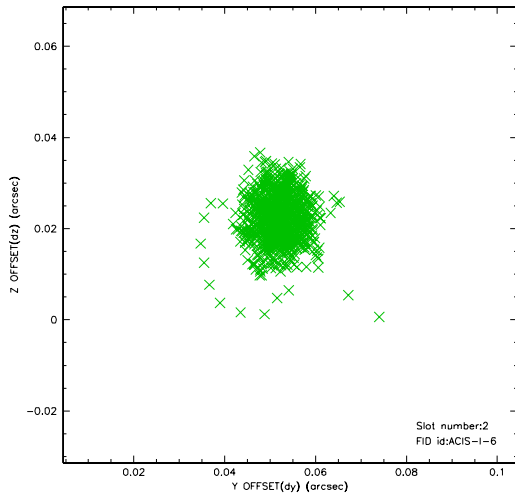
2.5.1 Slot 0



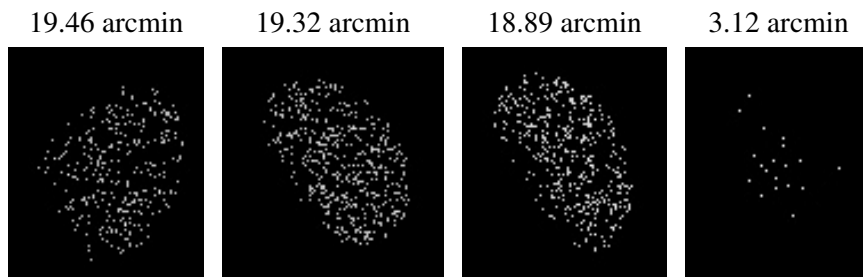
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.676799

A.2 Comments