

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3850 - L2 Version 001
Chandra X-Ray Center

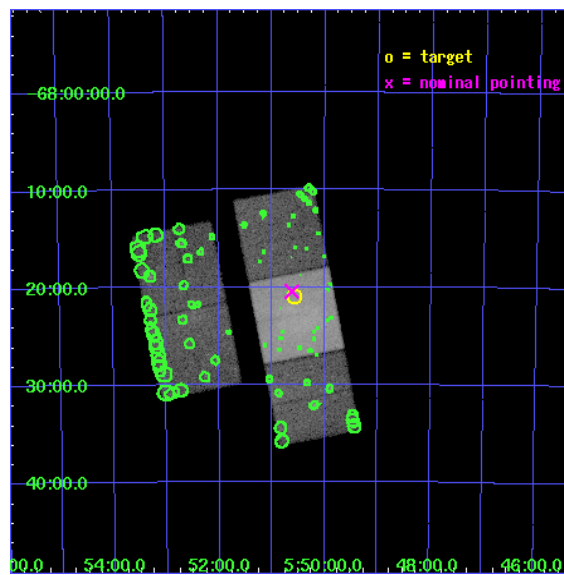
L2 Processing Date : Jul 1 2006

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1 Front

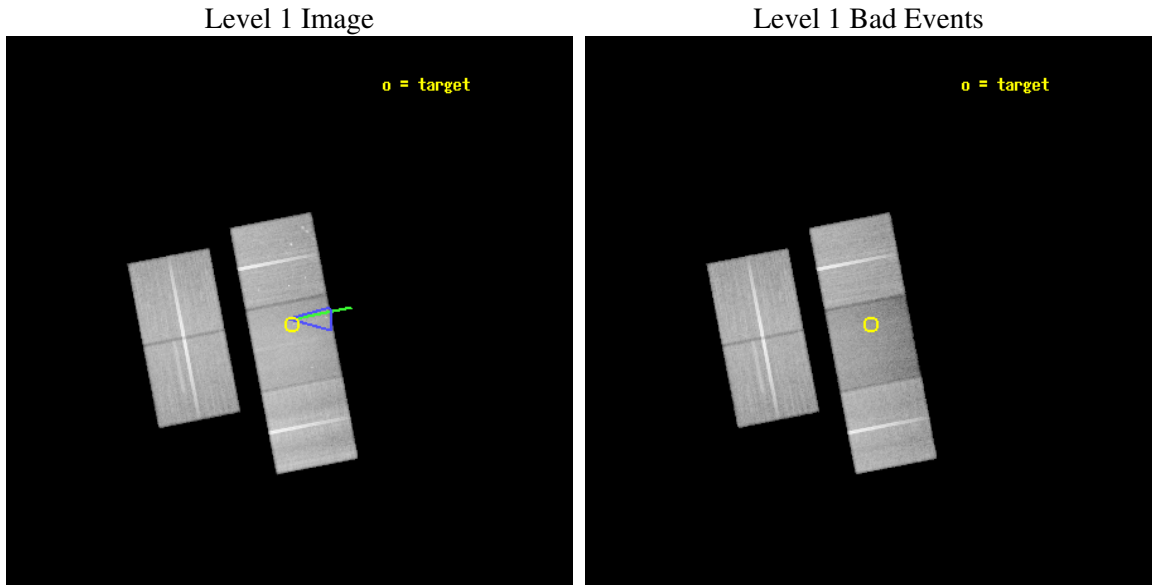
seq_num	500329
obs_id	3850
title	SUPERNOVA REMNANTS IN THE MAGELLANIC CLOUDS
observer	Frederick Seward
object	0550-683
dtcycle	0
cycle	P
ra_targ	87.645833
dec_targ	-68.35
ra_nom	87.655215165363
dec_nom	-68.340993931193
roll_nom	79.054917817301
revision	2
ontime	68370.499868542
livetime	67477.18895413
ontime2	68351.654086977
ontime3	68357.935967773
ontime6	68367.358908325
ontime7	68370.499868542
ontime8	68361.07692799
l2events	279339



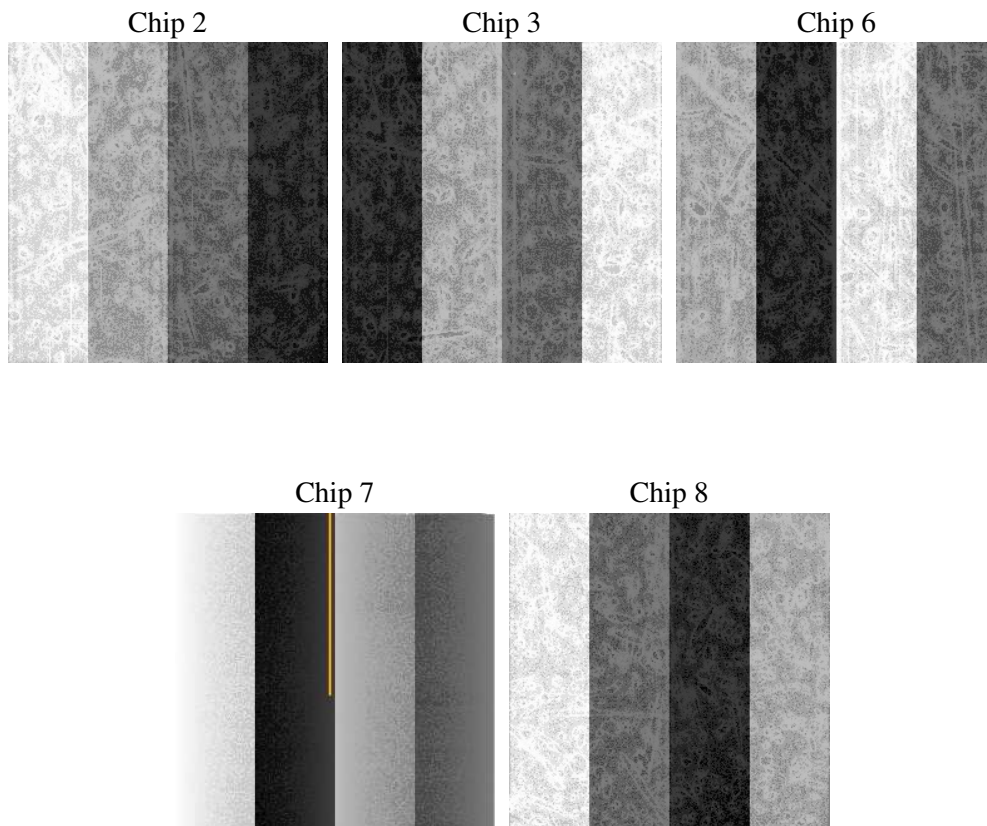
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T18:09:12
revision	2

sched_exp_time	68268.000000
ontime	68376.477406591
ontime2	68357.631625026
ontime3	68363.913505822
ontime6	68373.336446375
ontime7	68376.477406591
ontime8	68367.054466039
l1events	1883437

2.1.4 Events

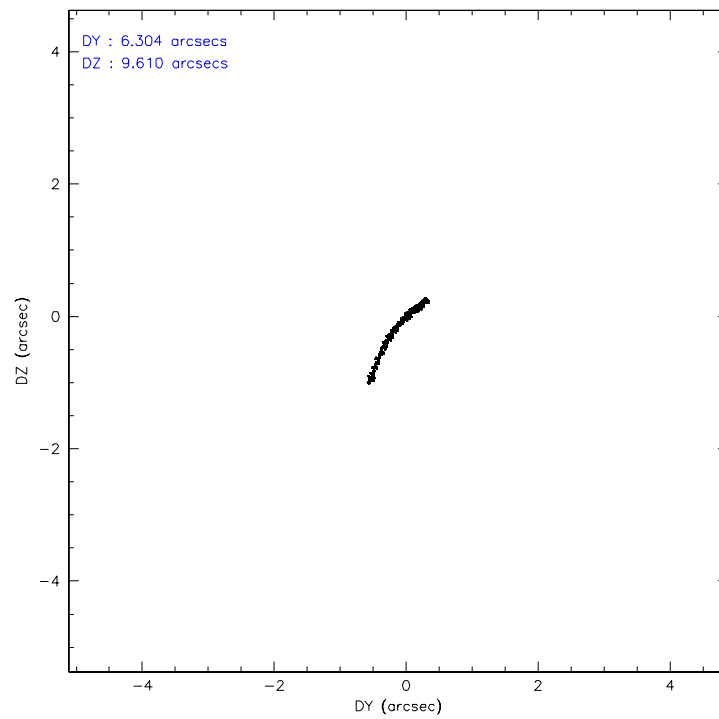
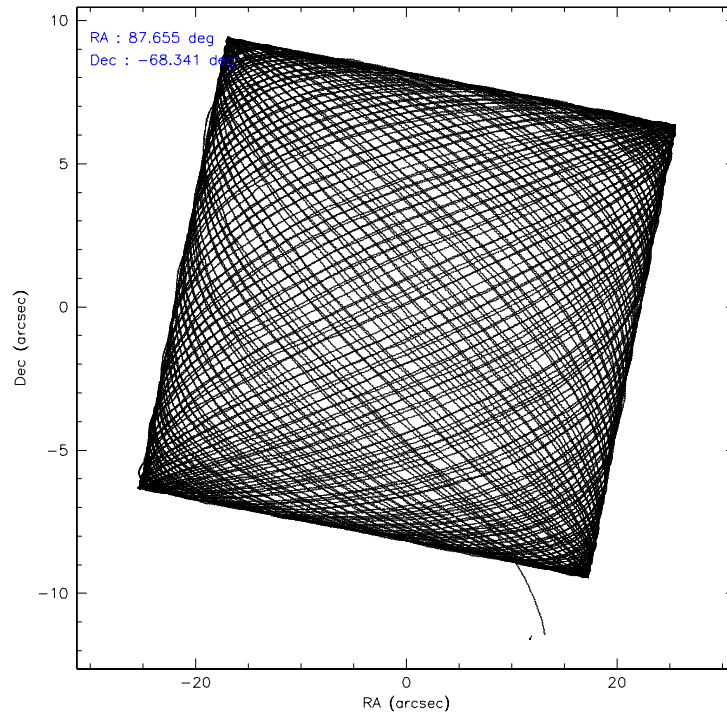
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	376667	362386	368733	340582	435069
rejected events	342841	329041	329652	179596	337979
rejected %	91%	90%	89%	52%	77%

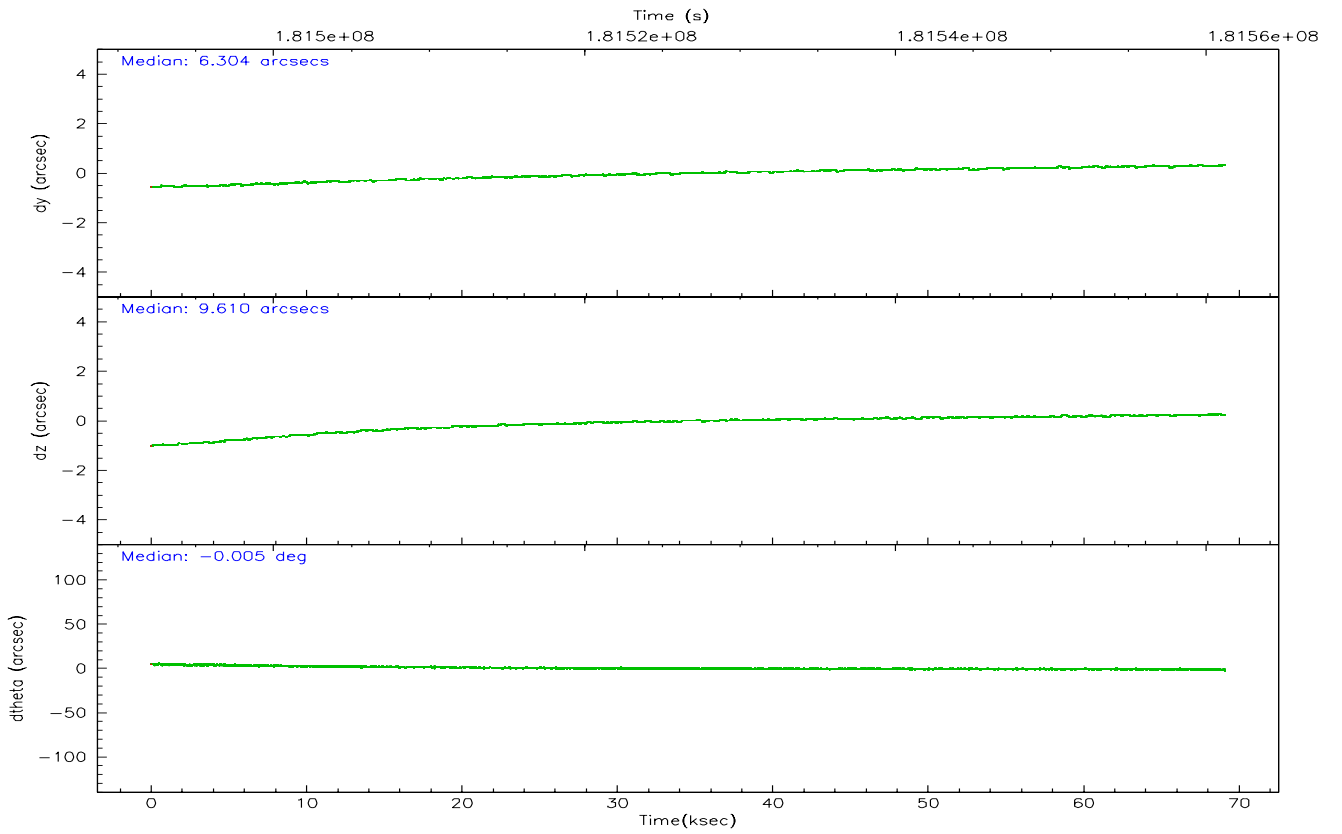
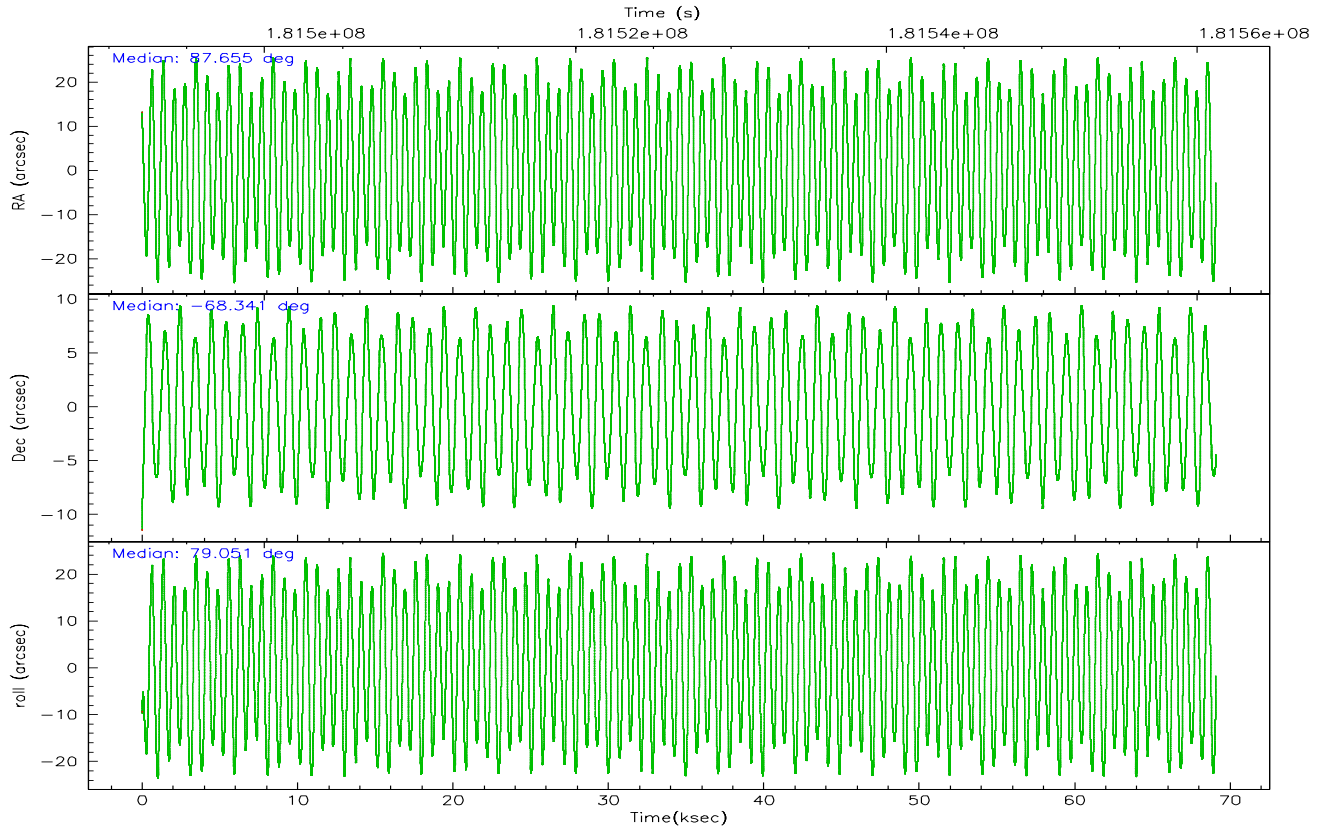
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	12924	12502	15281	13817	26322
	3%	3%	4%	4%	6%
grade 1 events	158	187	164	194	322
	0%	0%	0%	0%	0%
grade 2 events	7569	6922	8160	41176	22191
	2%	1%	2%	12%	5%
grade 3 events	3786	3904	4273	10908	11034
	1%	1%	1%	3%	2%
grade 4 events	3812	3897	4078	10709	10266
	1%	1%	1%	3%	2%
grade 5 events	9679	11915	12279	27033	17727
	2%	3%	3%	7%	4%
grade 6 events	5739	6122	7292	84400	27279
	1%	1%	1%	24%	6%
grade 7 events	333000	316937	317206	152345	319928
	88%	87%	86%	44%	73%

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	87.680320	87.65521516536275	Alternating exposures requested	N	N
Pointing Dec	-68.366591	-68.34099393119268	Primary exposure time	0.000000	3.1
Pointing Roll	78.921629	79.05491781730107			
Roll angle	90.000000	90.000000			
Roll tolerance	15.000000	15.000000			
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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	181492949.184000	181491658.97256			
Observation start date	2003-10-02T14:41:25	2003-10-02T14:20:58			
Observation end time	181561217.184000	181562208.70059			
Observation end date	2003-10-03T09:39:13	2003-10-03T09:56:48			
Read mode	TIMED	TIMED			

2.3 Aspect



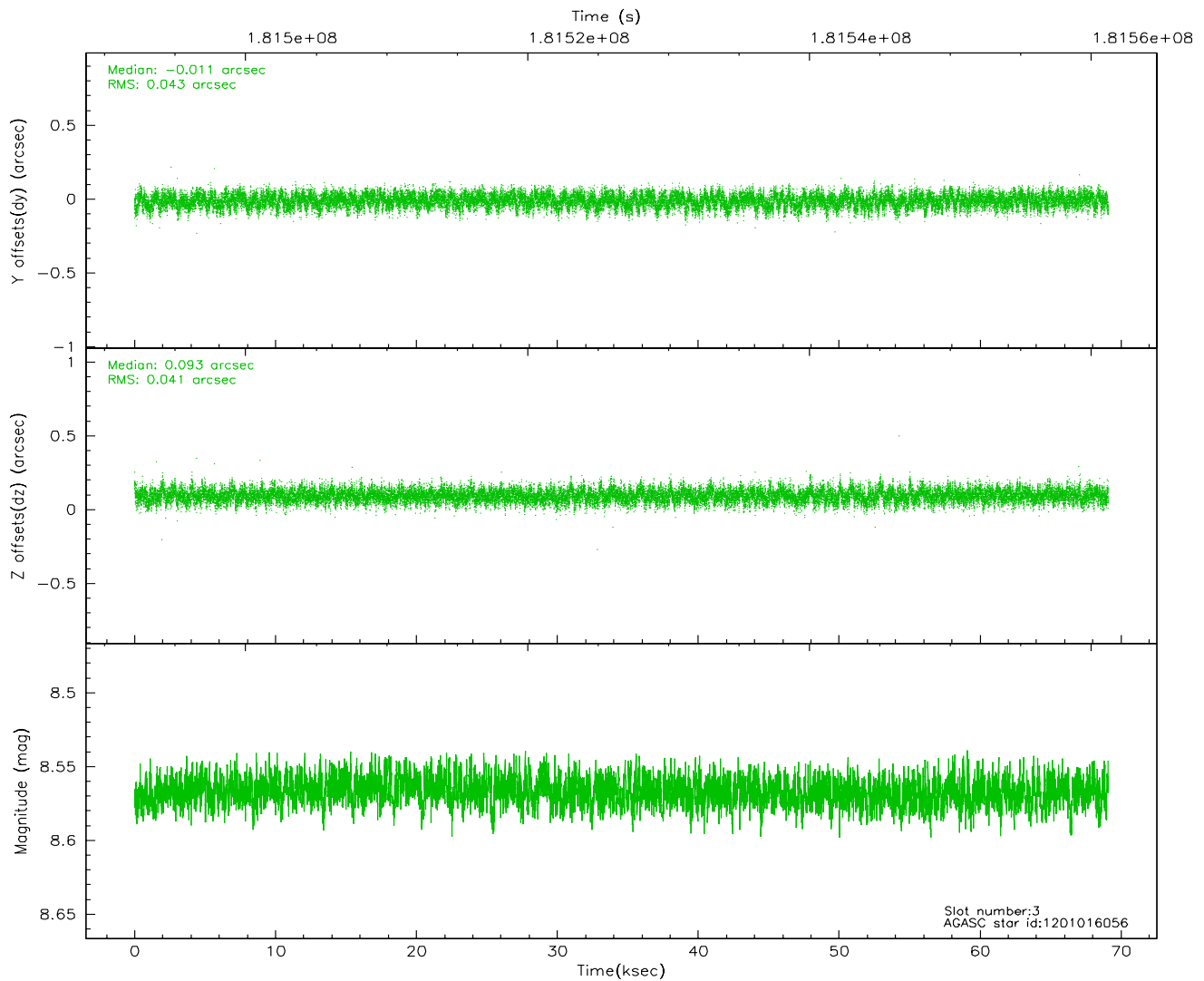
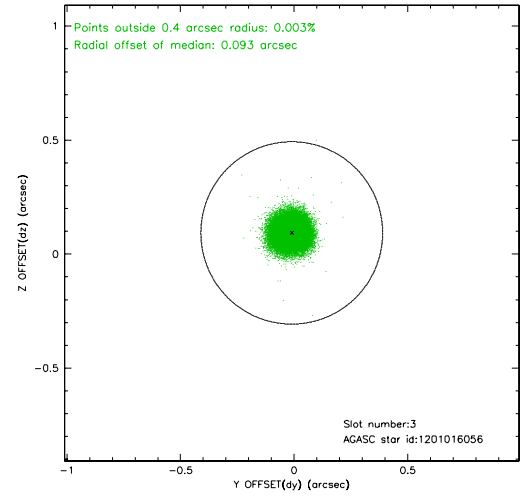
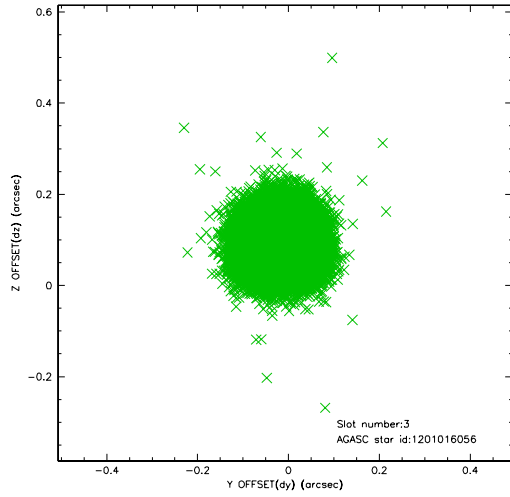


Slot Statistics

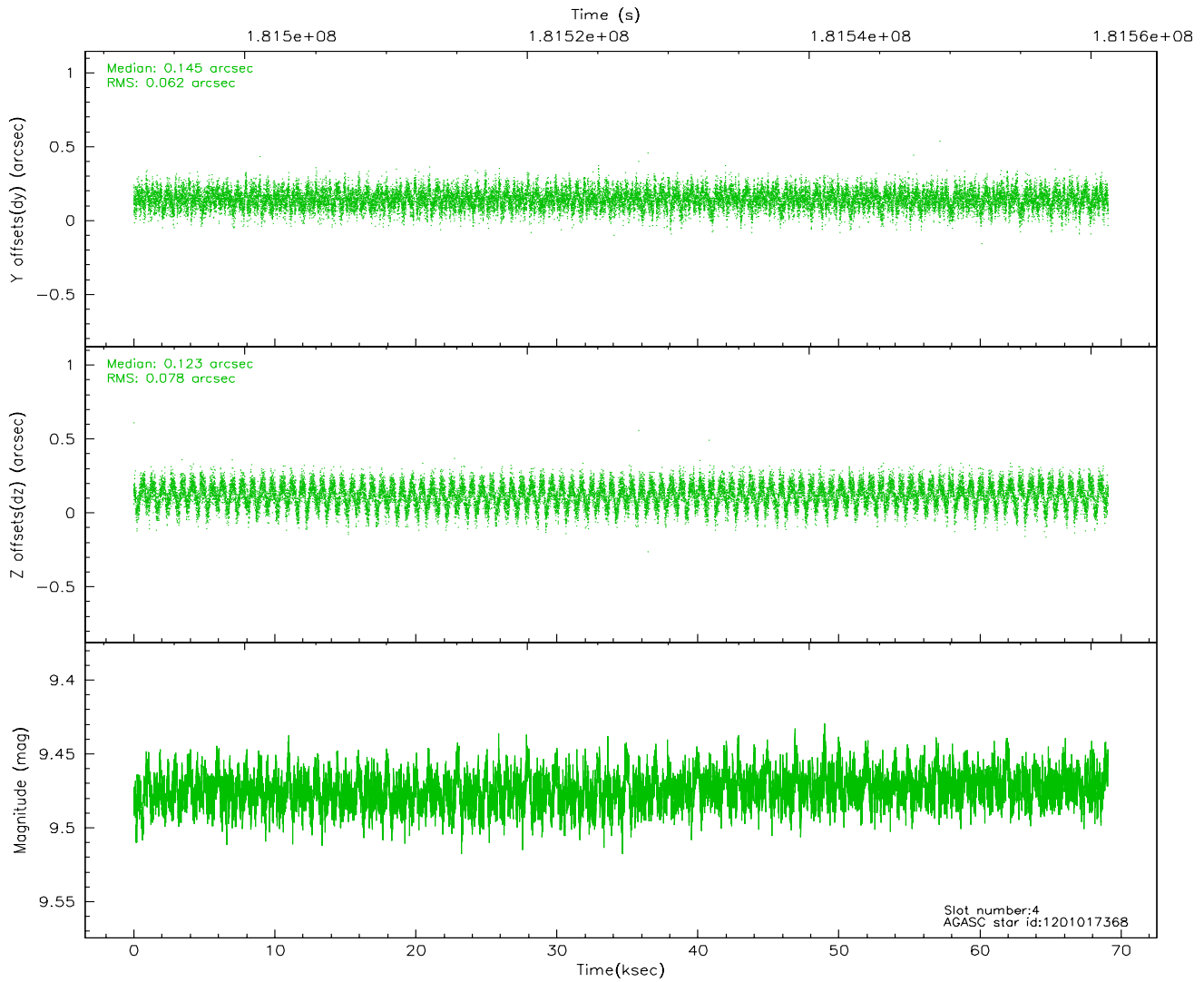
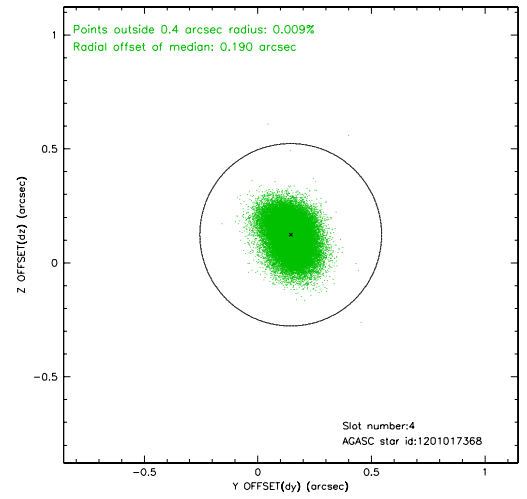
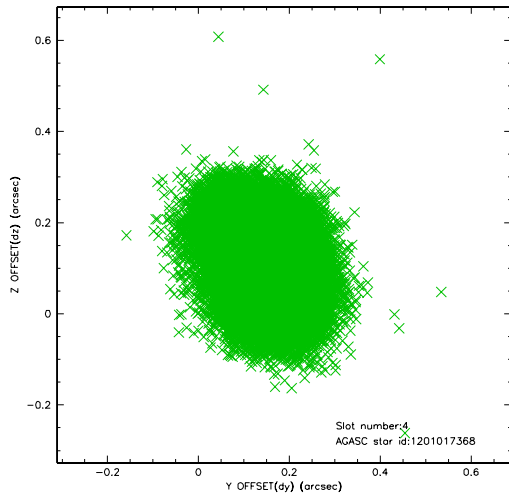
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	16856	-0.042	-0.007	0.009	0.018	0.000000	0.000000	-759.02	-1730.68
1	FID	ACIS-S-4	7.20	16855	0.032	0.022	0.005	0.009	0.000000	0.000000	2154.35	177.91
2	FID	ACIS-S-5	7.23	16855	-0.021	-0.007	0.009	0.019	0.000000	0.000000	-1811.92	171.47
3	GUIDE	1201016056	8.57	33708	-0.011	0.093	0.063	0.102	88.122740	-68.971148	-2028.00	-979.60
4	GUIDE	1201017368	9.47	33698	0.145	0.123	0.107	0.170	87.970426	-68.052014	1185.69	-165.43
5	GUIDE	1201017512	7.40	33714	-0.062	0.018	0.062	0.096	88.909460	-68.046793	1431.99	-1405.12
6	GUIDE	1201018000	8.87	33692	-0.067	-0.121	0.085	0.134	86.429836	-67.864420	1431.38	2008.61
7	GUIDE	1201018384	9.07	33633	-0.005	-0.105	0.104	0.161	85.801362	-68.593260	-1312.04	2258.23

2.4 Star Slots

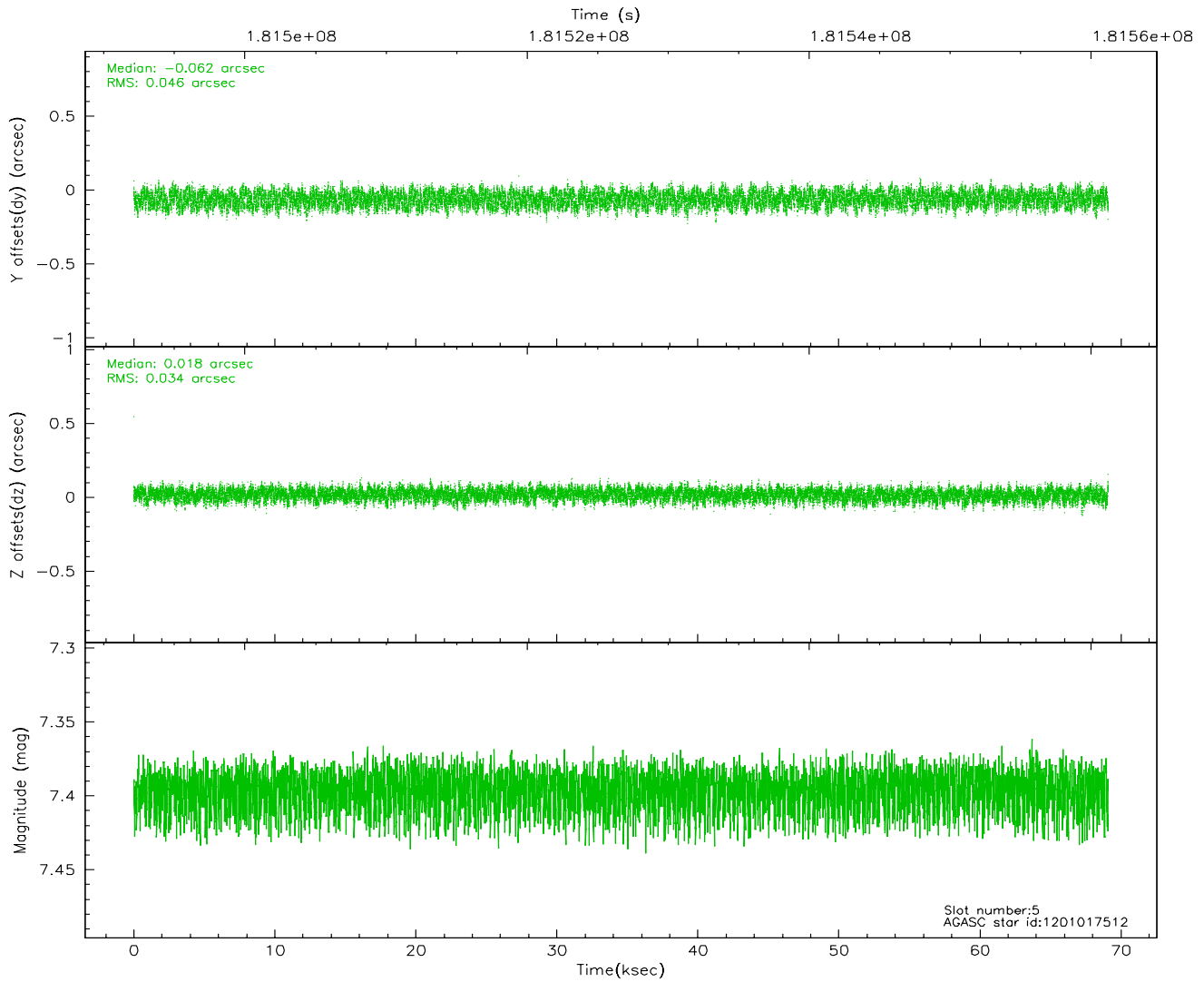
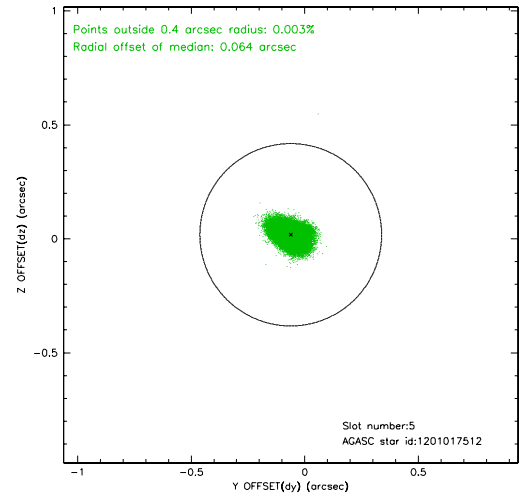
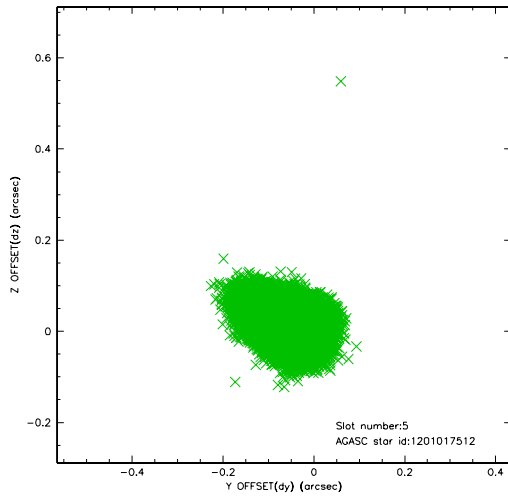
2.4.1 Slot 3



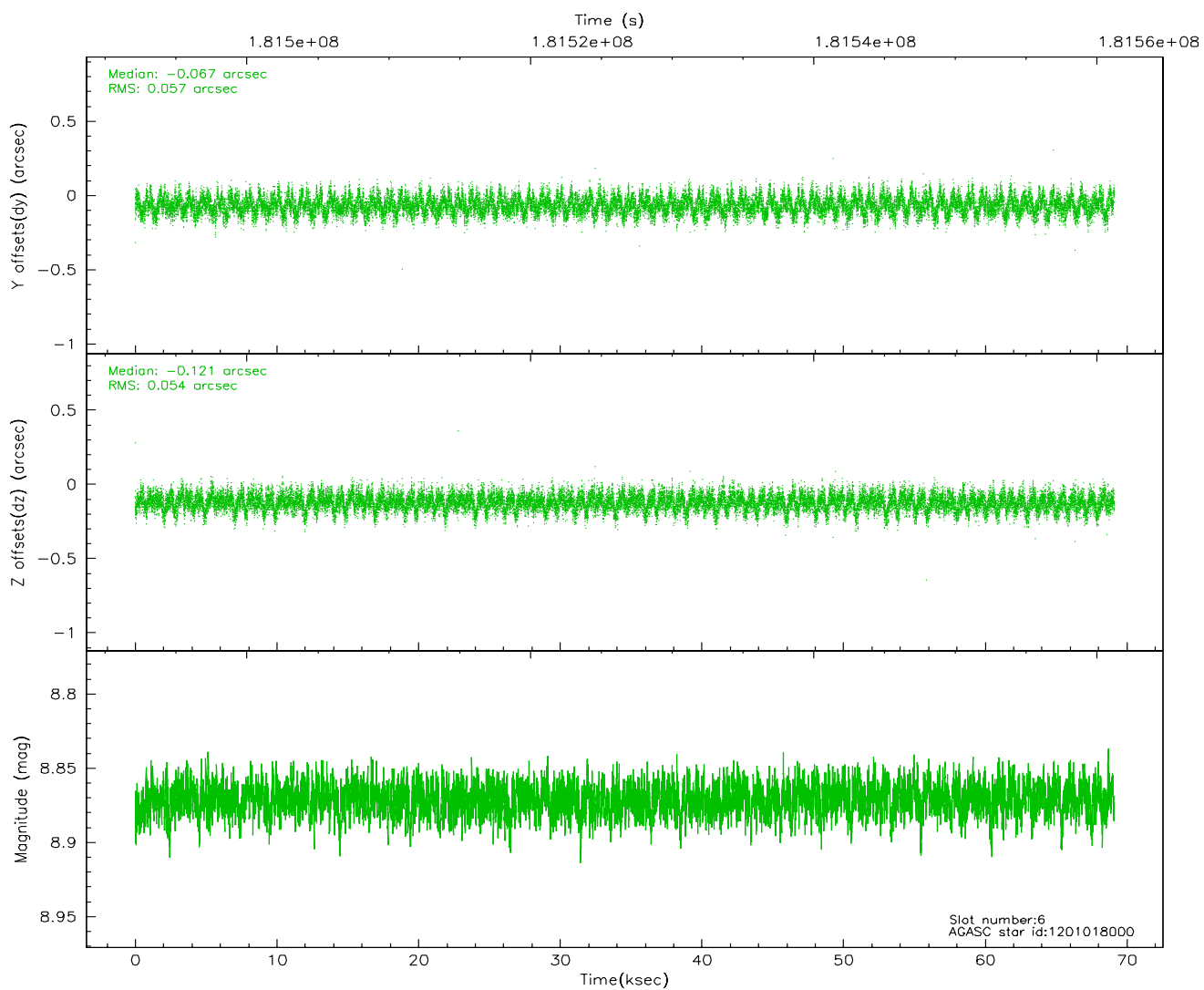
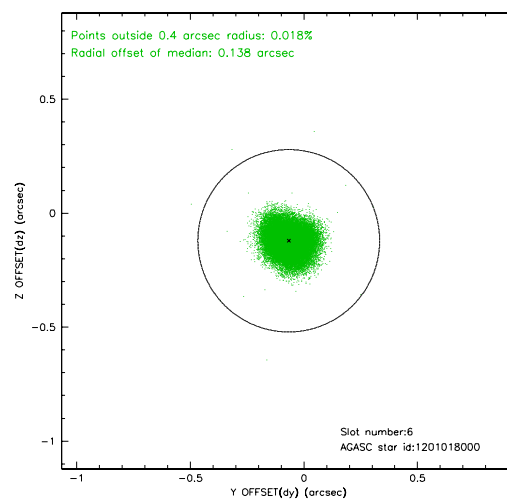
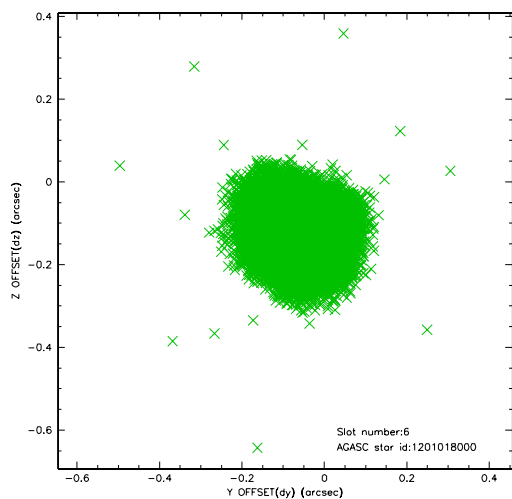
2.4.2 Slot 4



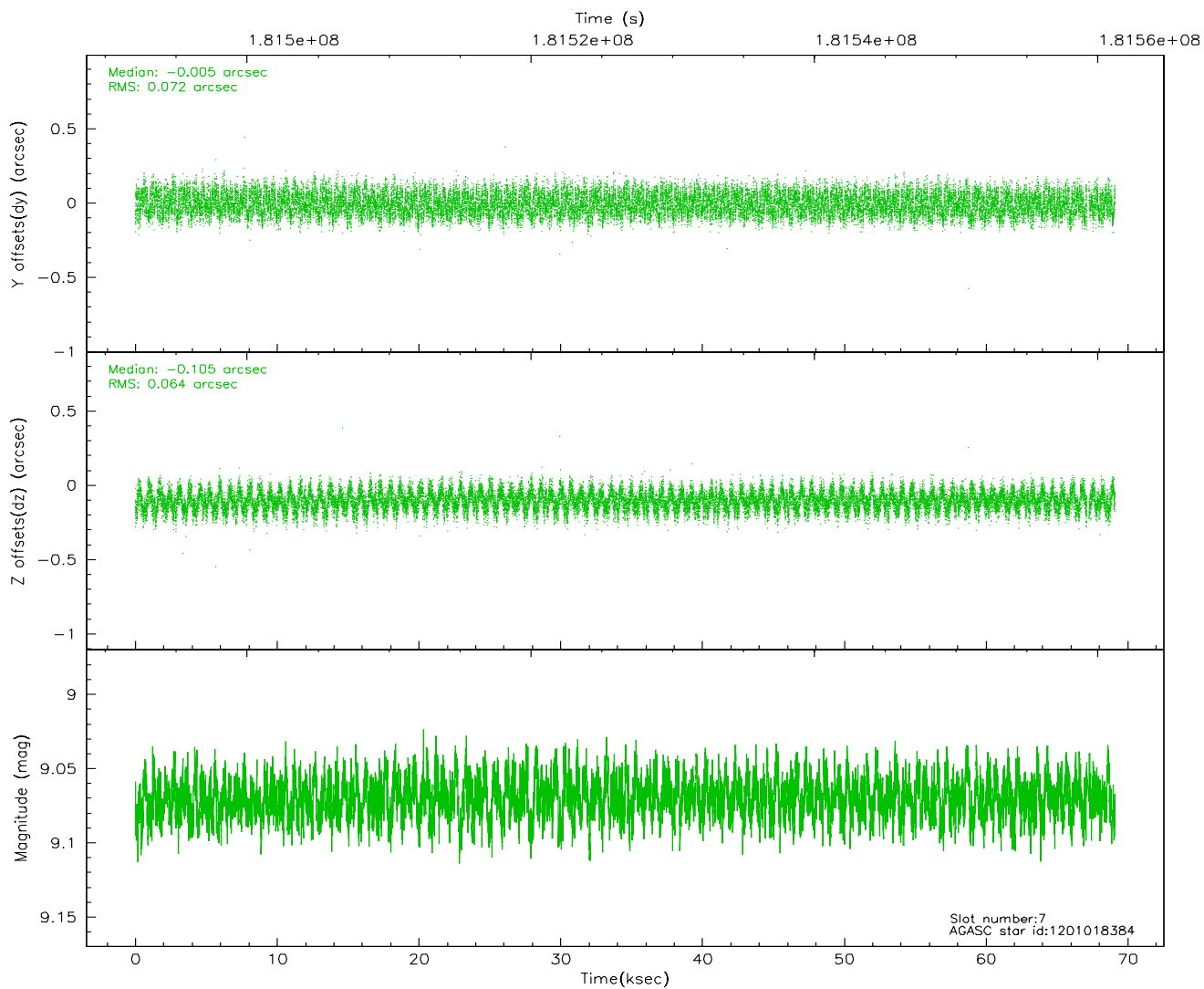
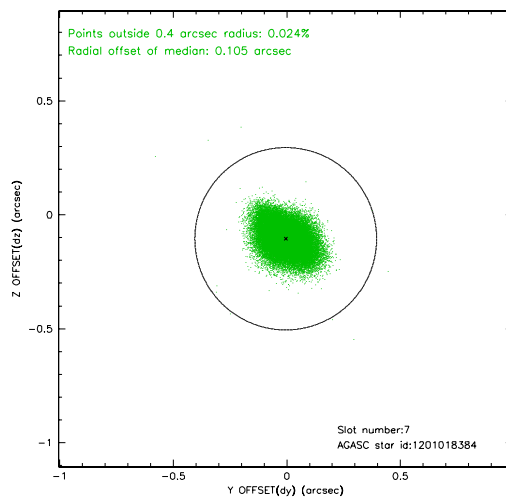
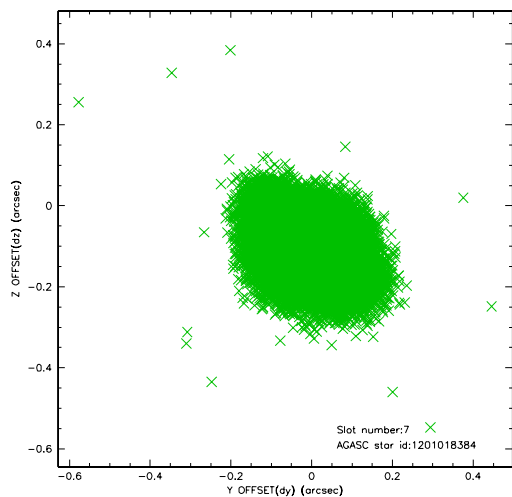
2.4.3 Slot 5



2.4.4 Slot 6

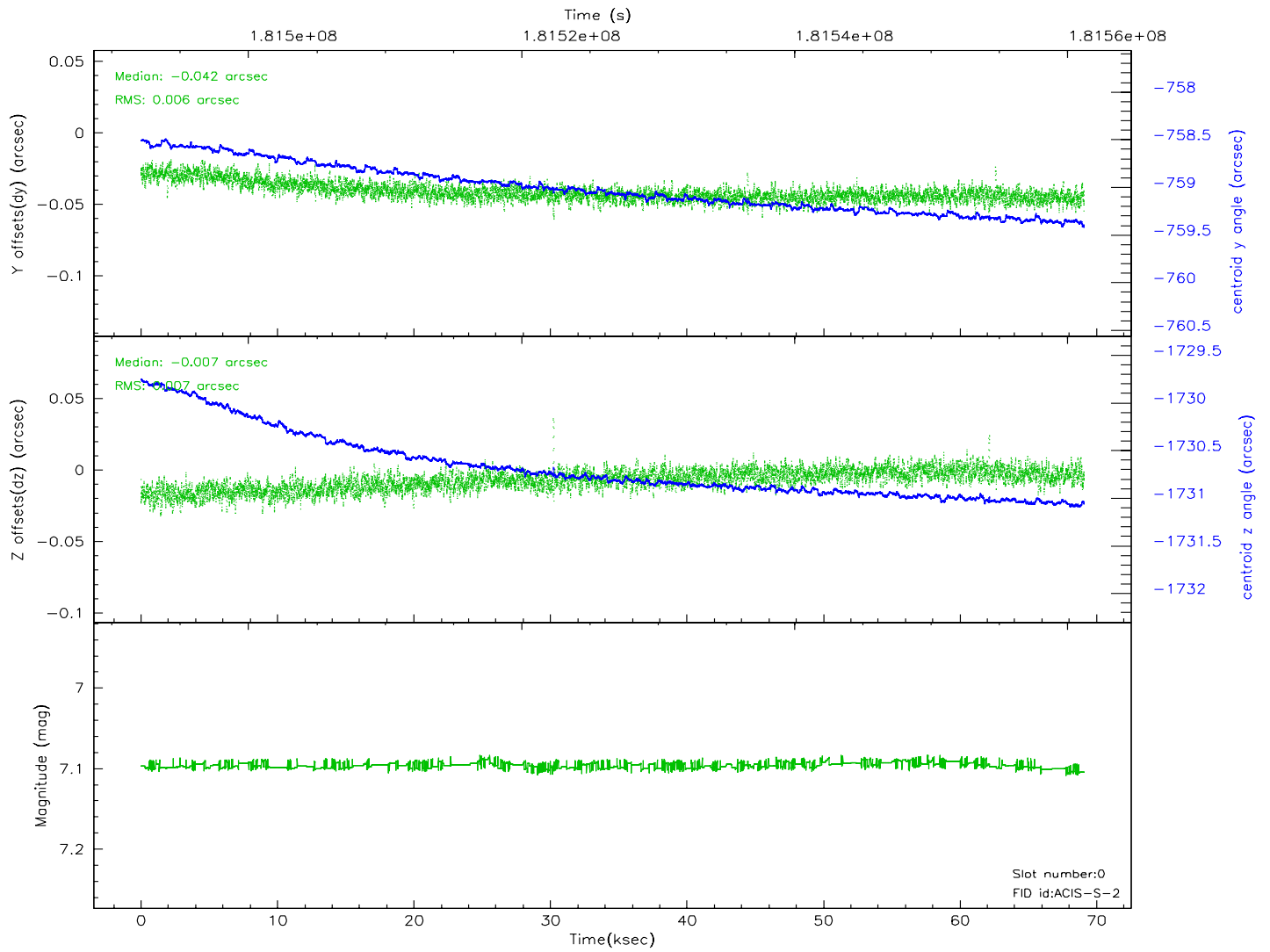
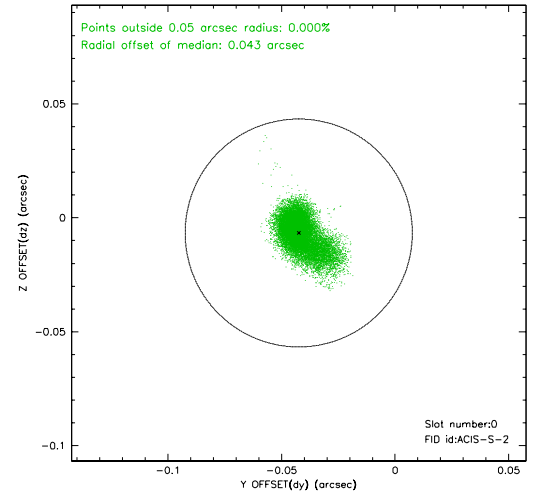
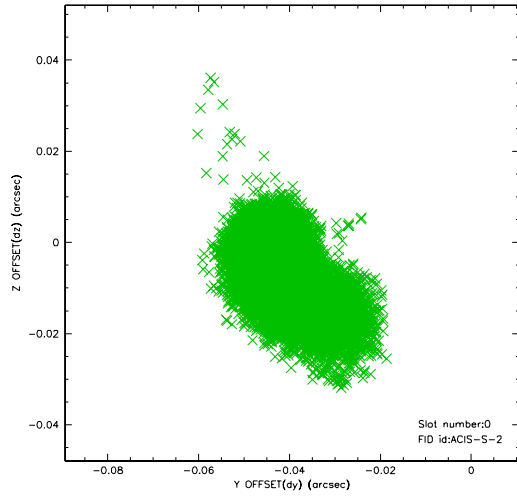


2.4.5 Slot 7

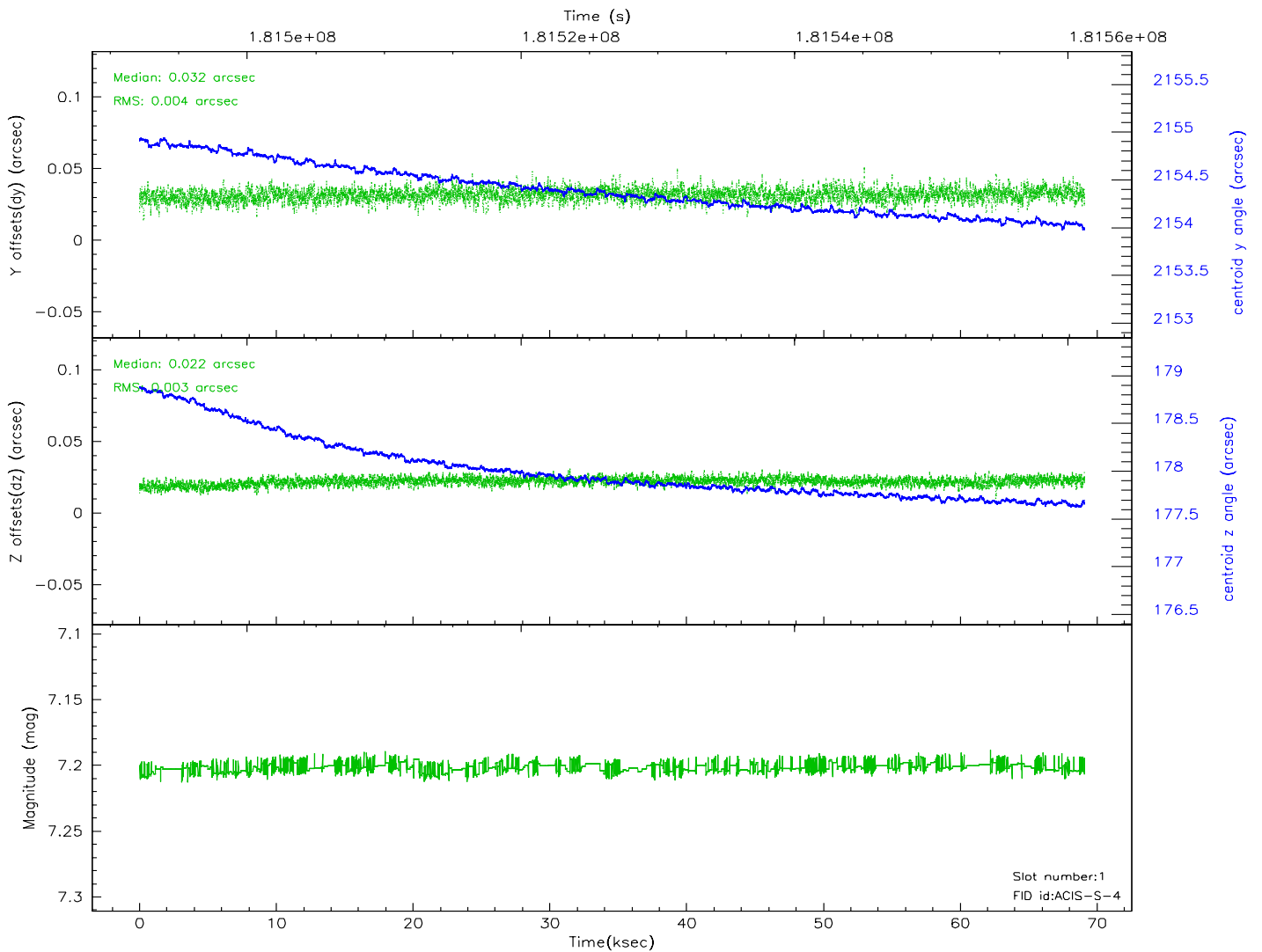
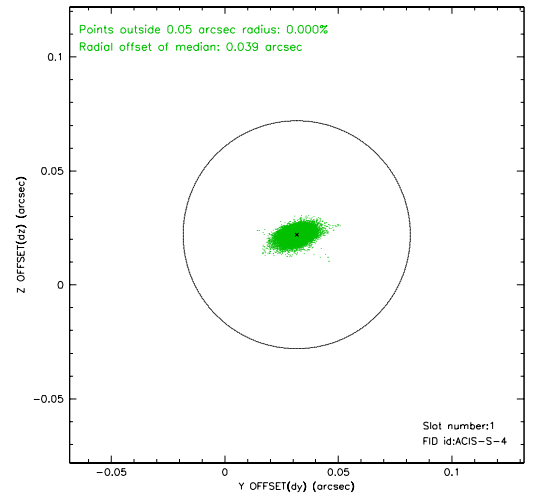
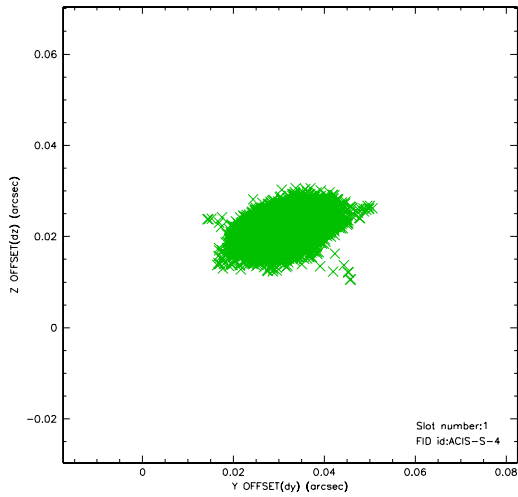


2.5 FID Slots

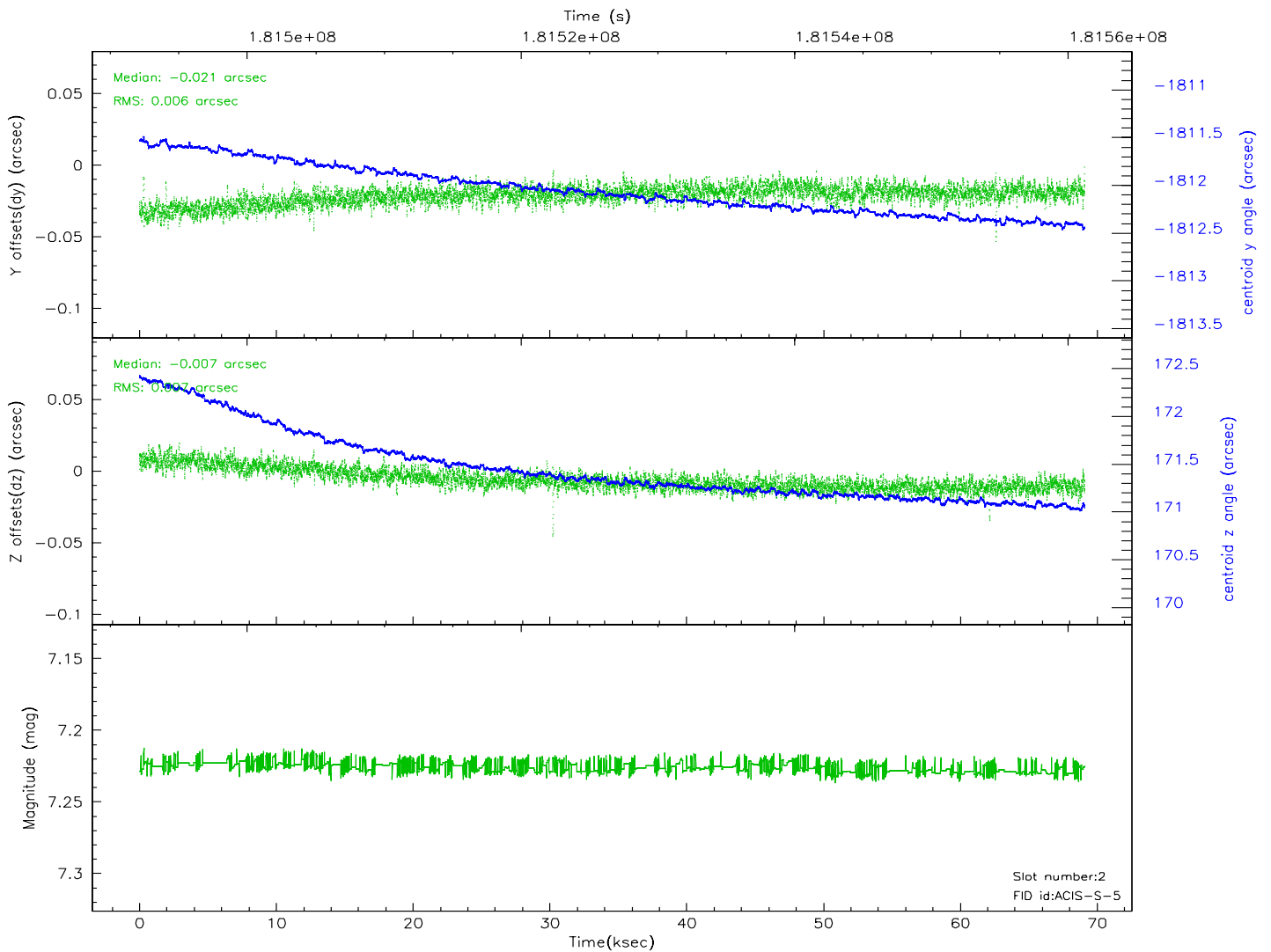
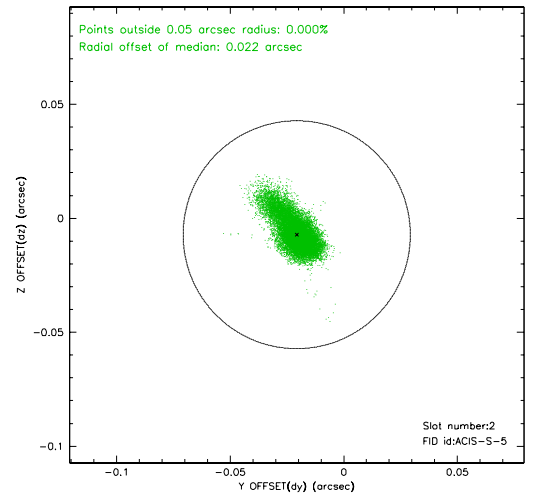
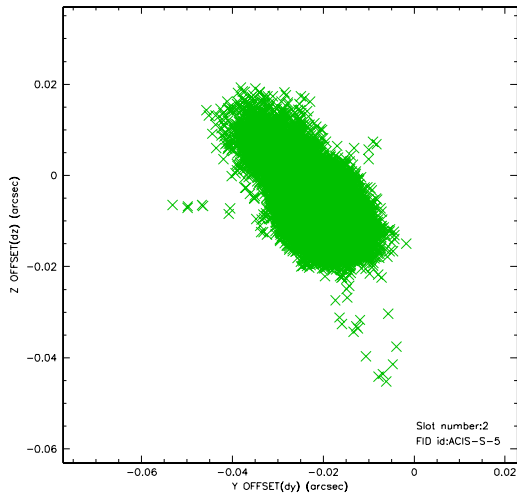
2.5.1 Slot 0



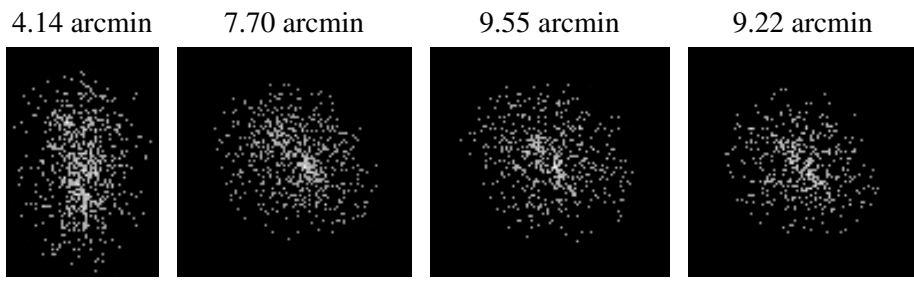
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	68.373

A.2 Comments

Roll constraint satisfied.