

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2990 - L2 Version 001
Chandra X-Ray Center

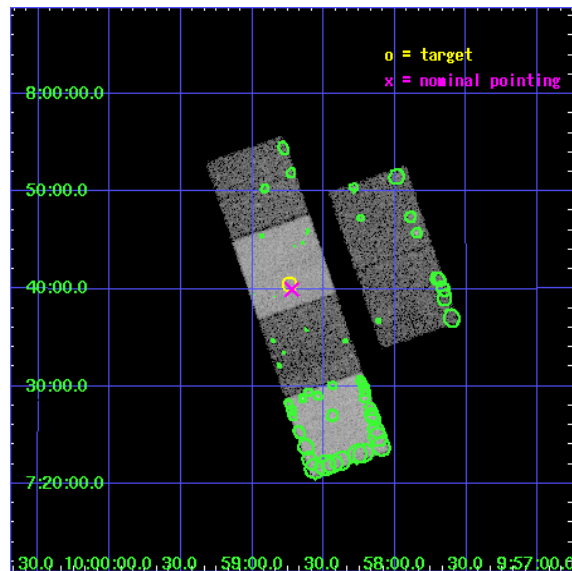
L2 Processing Date : Sep 14 2006

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1 Front

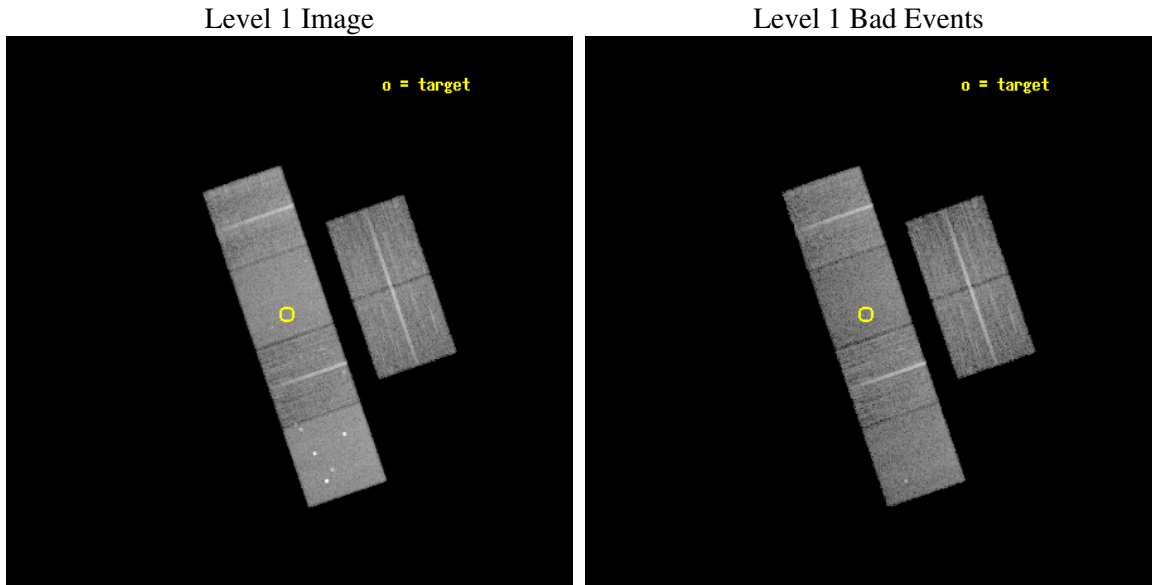
seq_num	700429
obs_id	2990
title	CHANDRA OBSERVATIONS OF A POPULATION OF TYPE 2 QUASARS DISCOVERED IN THE DPOSS
observer	PROF. S. DJORGOVSKI
object	PSS 0958+0740
dtcycle	0
cycle	P
ra_targ	149.685417
dec_targ	7.674167
ra_nom	149.68069557135
dec_nom	7.6657258359009
roll_nom	251.11289172832
revision	2
ontime	14319.999946654
livetime	14138.671484861
ontime2	14316.7589764
ontime3	14316.7589764
ontime5	14316.7589764
ontime6	14319.999946654
ontime7	14319.999946654
ontime8	14319.999946654
l2events	142890



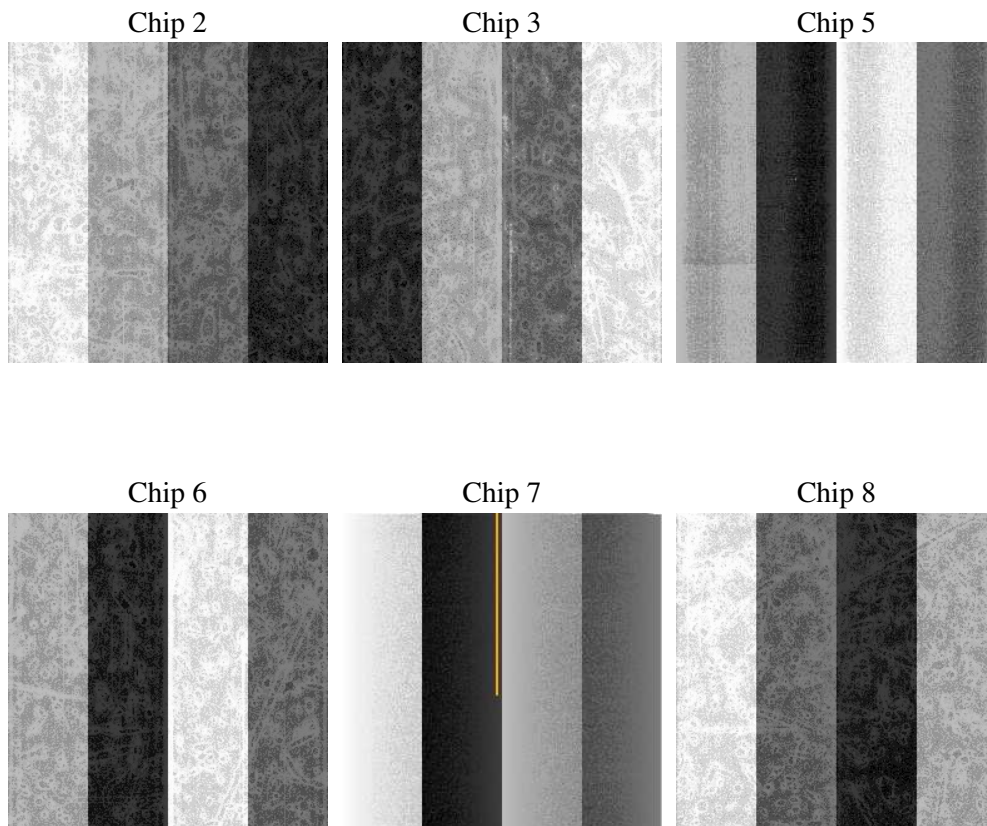
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-15T02:33:28
revision	2

sched_exp_time	14165.000000
ontime	14824.336954355
ontime2	14710.900594205
ontime3	14710.903753191
ontime5	14821.095984101
ontime6	14723.864714354
ontime7	14824.336954355
ontime8	14723.867823571
l1events	685923

2.1.4 Events

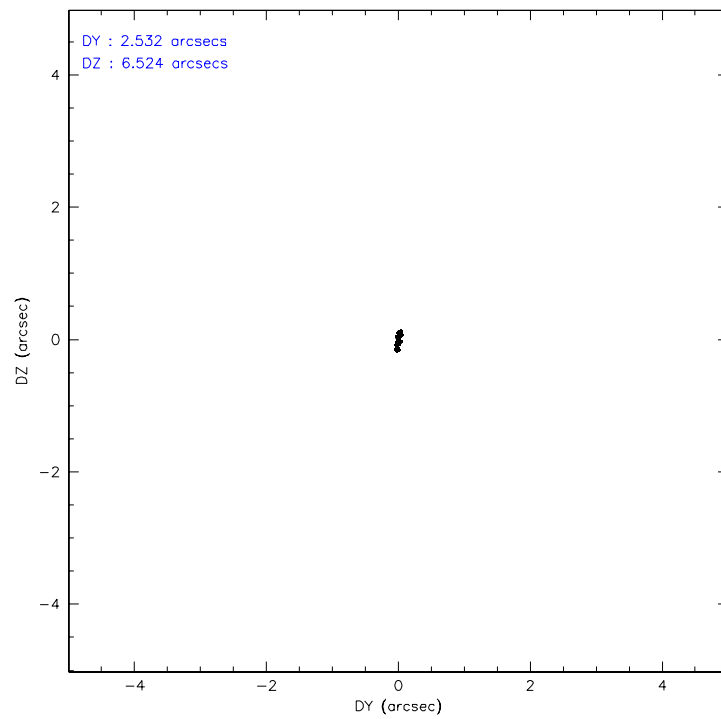
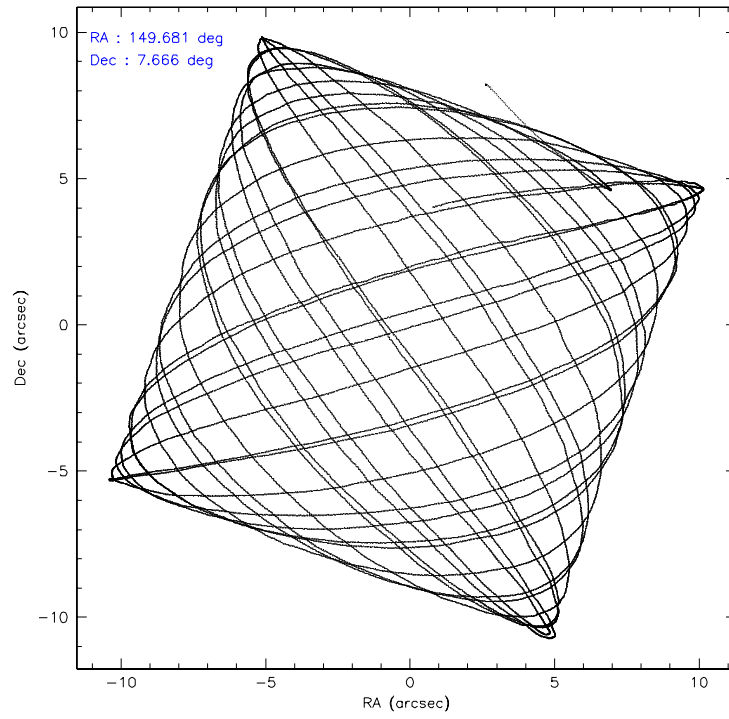
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	96976	92493	146689	99998	127028	122739
rejected events	85795	81536	80559	88367	80107	97738
rejected %	88%	88%	54%	88%	63%	79%

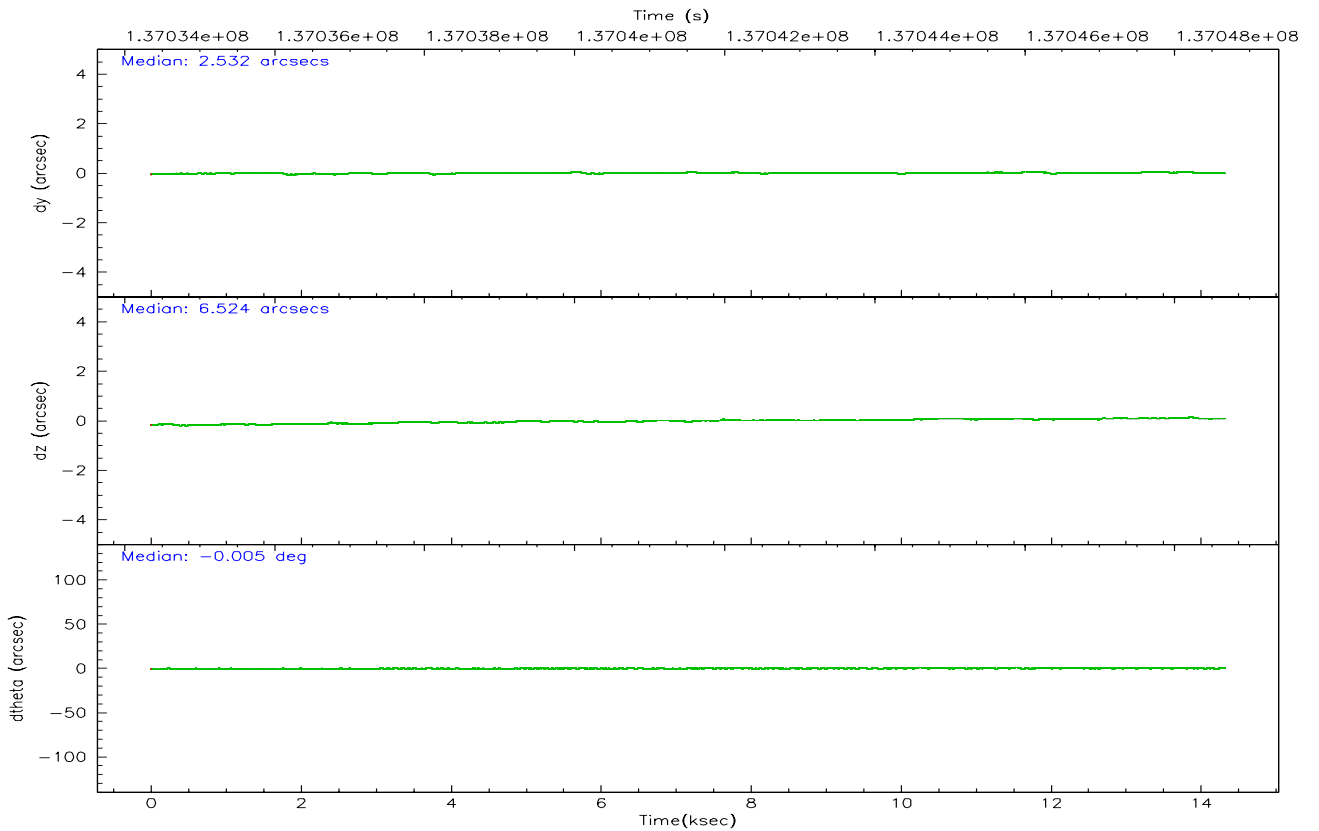
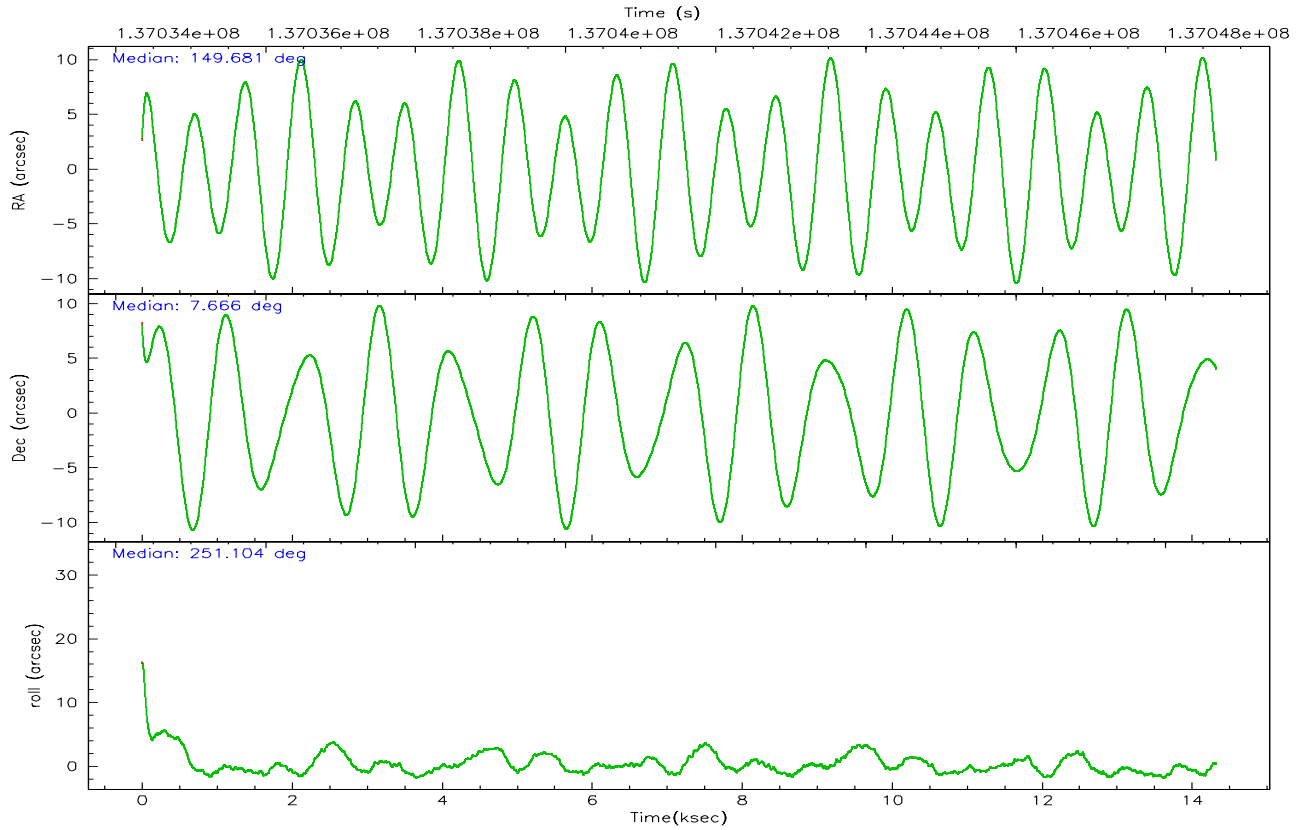
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4780	4885	9552	4924	3037	7925
	4%	5%	6%	4%	2%	6%
grade 1 events	38	47	414	53	73	84
	0%	0%	0%	0%	0%	0%
grade 2 events	2535	2289	20591	2431	11834	5688
	2%	2%	14%	2%	9%	4%
grade 3 events	1041	1065	1502	1174	2616	2797
	1%	1%	1%	1%	2%	2%
grade 4 events	1086	1044	1415	1159	2517	2614
	1%	1%	0%	1%	1%	2%
grade 5 events	3445	3625	6682	4225	8586	5322
	3%	3%	4%	4%	6%	4%
grade 6 events	2025	1967	35412	2265	28544	6673
	2%	2%	24%	2%	22%	5%
grade 7 events	82026	77571	71121	83767	69821	91636
	84%	83%	48%	83%	54%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	149.675025	149.6806955713476	Subarray requested	NONE	NONE
Pointing Dec	7.692351	7.665725835900877	Alternating exposures requested	N	N
Pointing Roll	250.957010	251.112891728322	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	137034508.184000	137033199.99888			
Observation start date	2002-05-06T01:07:24	2002-05-06T00:46:39			
Observation end time	137048673.184000	137049856.24956			
Observation end date	2002-05-06T05:03:29	2002-05-06T05:24:16			
Read mode	TIMED	TIMED			

2.3 Aspect



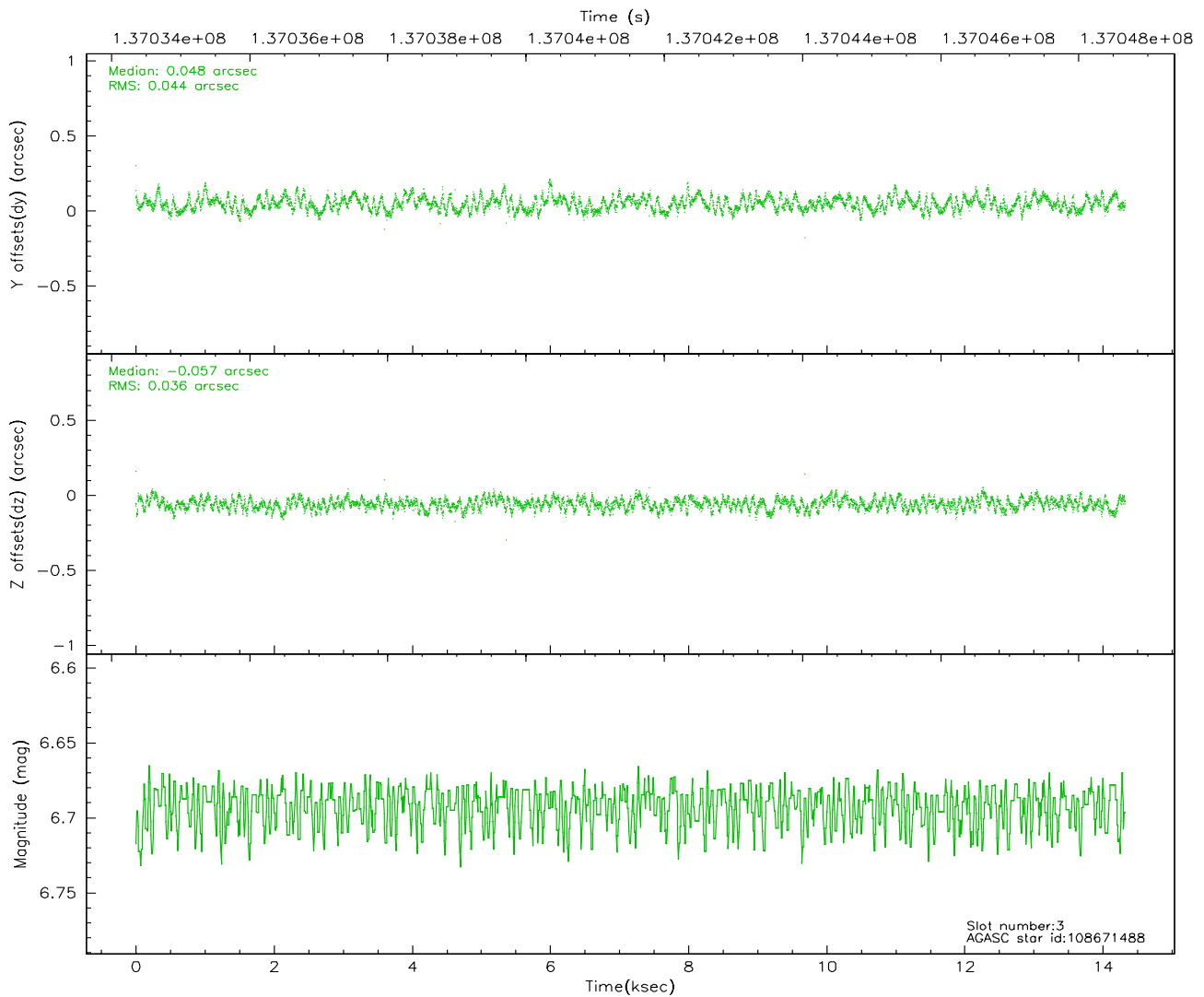
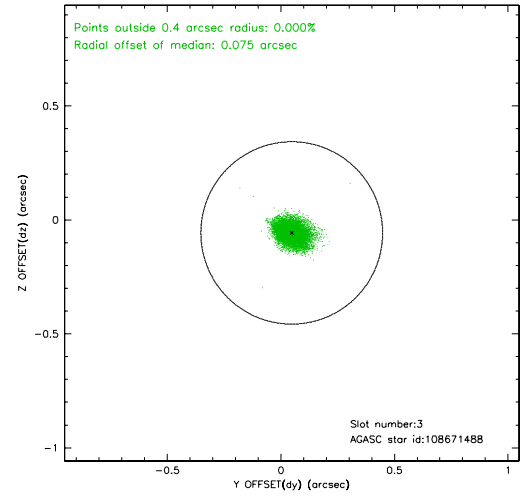
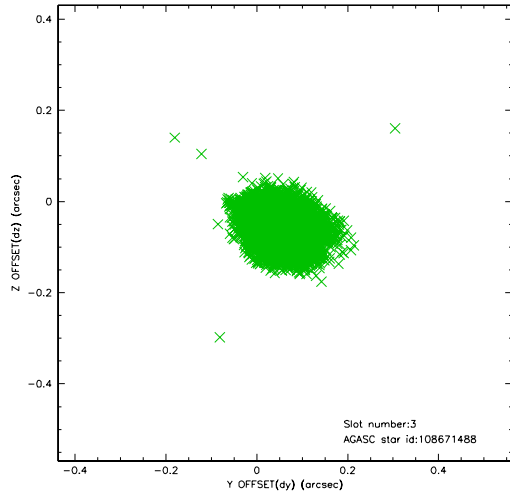


Slot Statistics

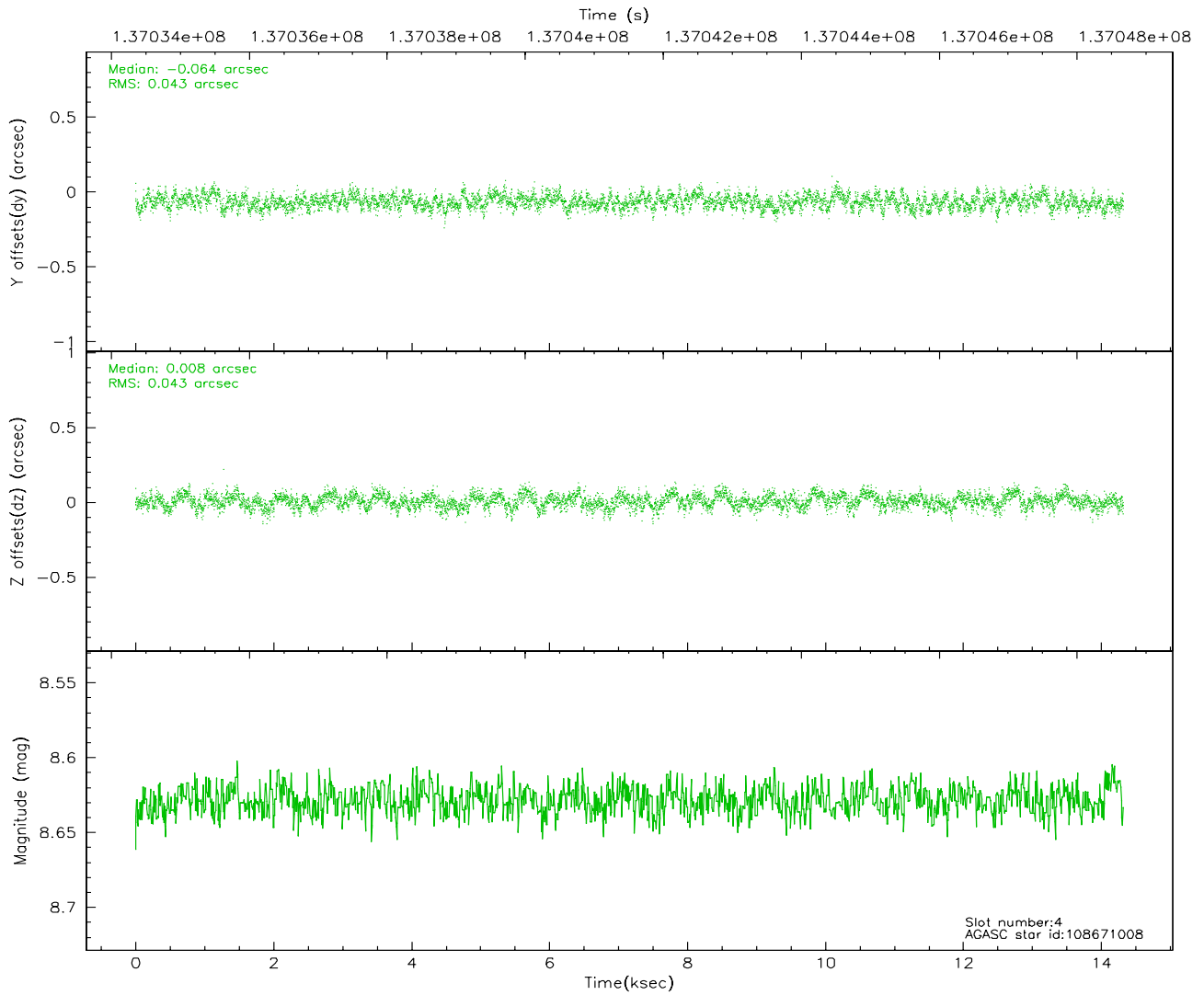
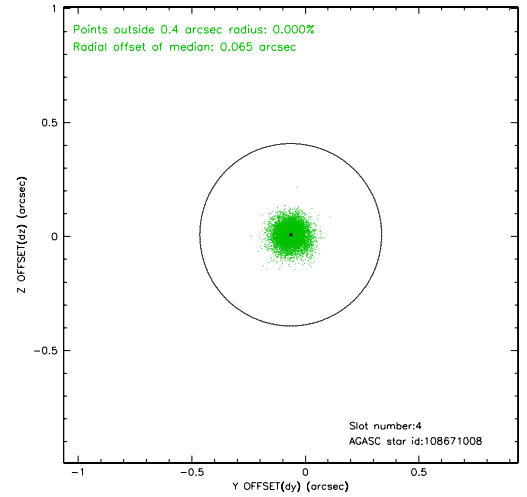
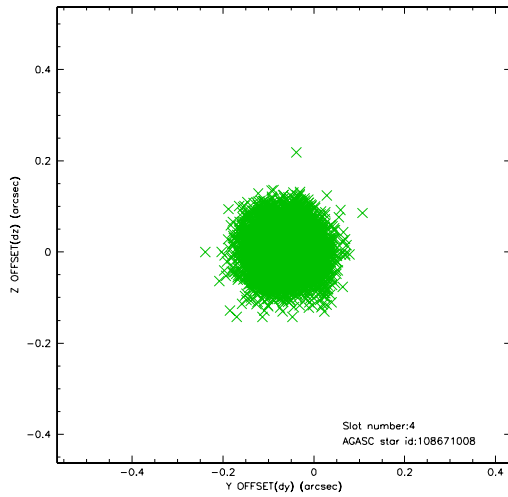
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3495	-0.016	0.037	0.007	0.011	0.000000	0.000000	-755.15	-1727.64
1	FID	ACIS-S-4	7.20	3495	-0.077	-0.002	0.005	0.009	0.000000	0.000000	2157.89	180.52
2	FID	ACIS-S-5	7.24	3495	0.063	-0.026	0.006	0.010	0.000000	0.000000	-1807.53	174.47
3	GUIDE	108671488	6.69	6988	0.048	-0.057	0.060	0.095	148.979143	7.677211	861.43	-2329.91
4	GUIDE	108671008	8.63	6988	-0.064	0.008	0.065	0.103	149.984498	7.934611	-1183.52	757.57
5	GUIDE	31852504	9.06	6984	0.024	-0.074	0.071	0.115	149.782695	7.436671	745.61	663.53
6	GUIDE	108670120	9.21	6982	-0.004	0.078	0.075	0.120	150.177894	7.612949	-315.16	1788.94
7	GUIDE	108670920	9.70	6981	-0.012	0.044	0.123	0.196	150.340500	7.649103	-628.49	2294.61

2.4 Star Slots

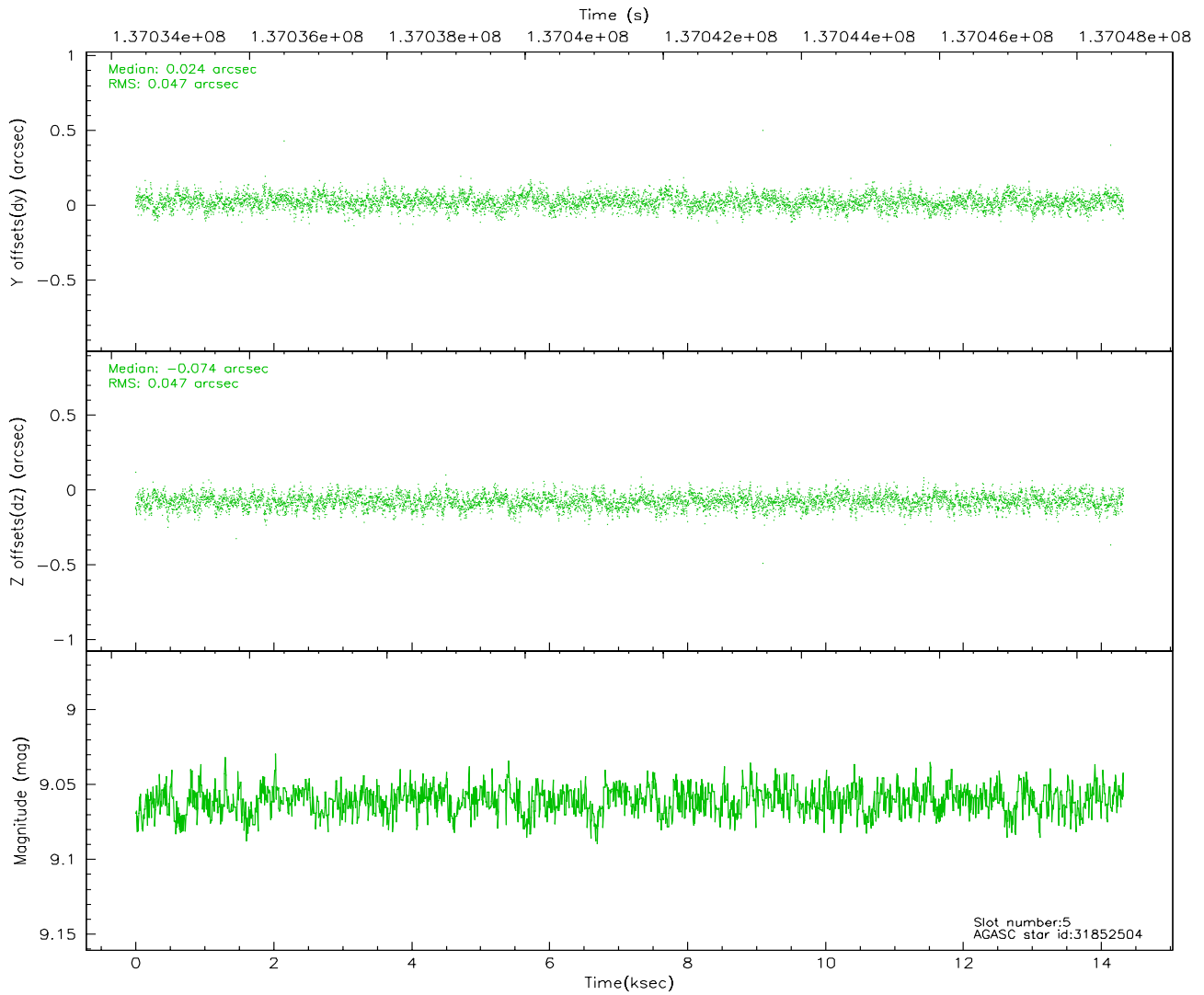
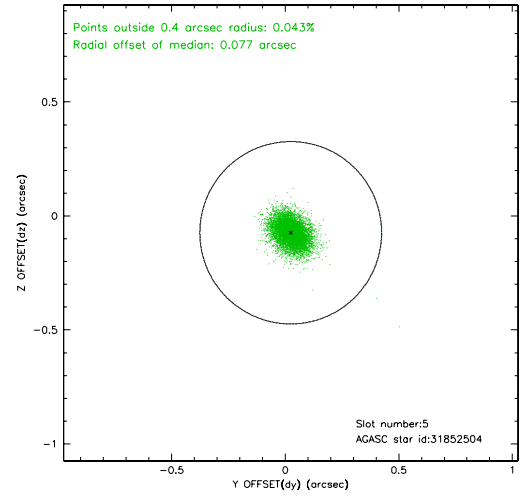
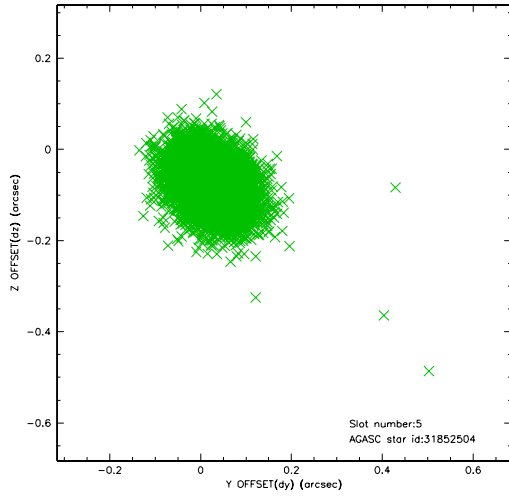
2.4.1 Slot 3



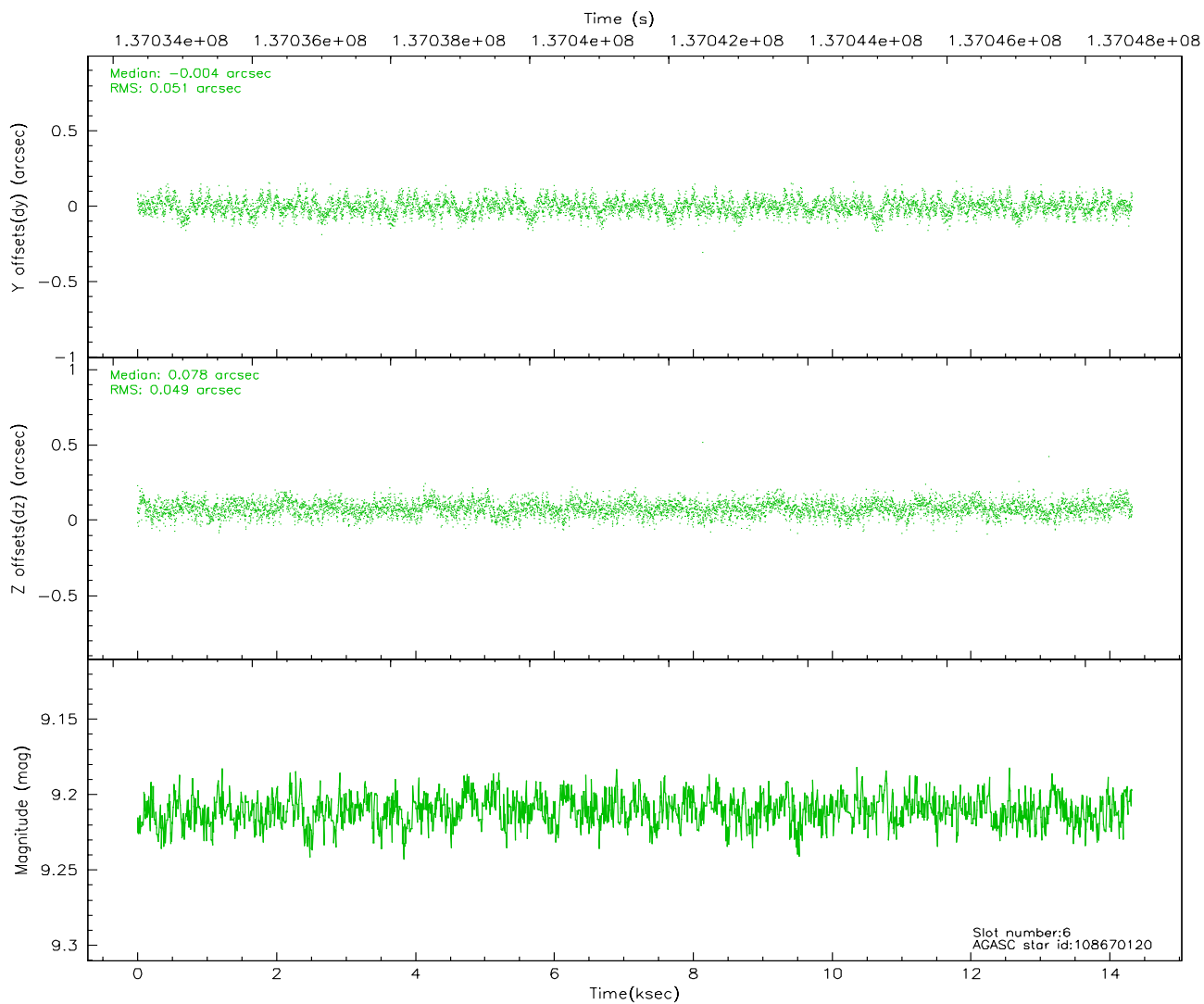
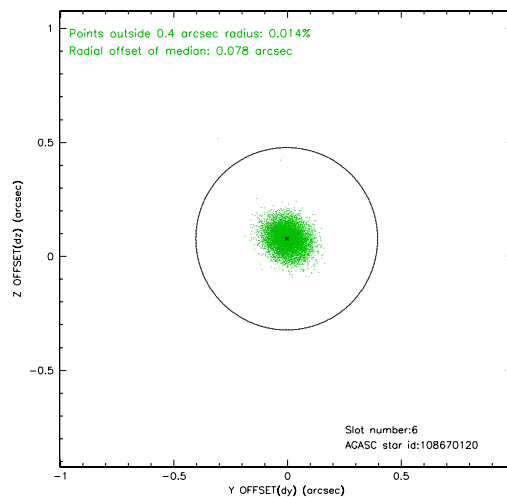
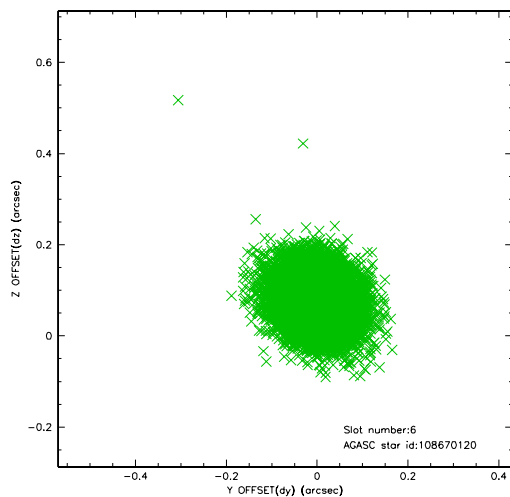
2.4.2 Slot 4



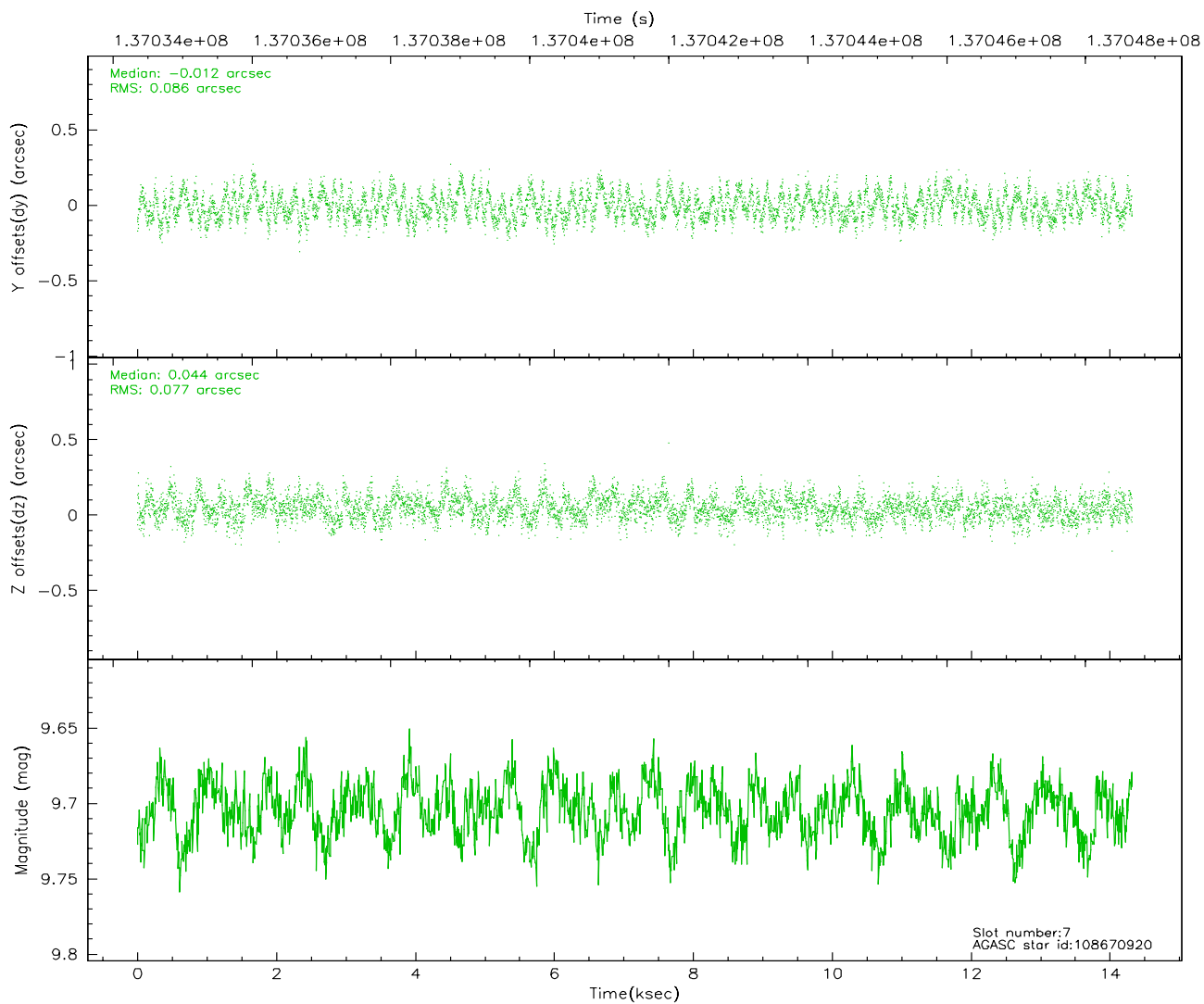
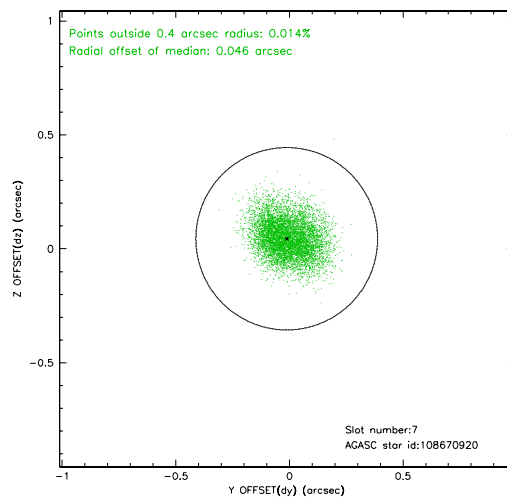
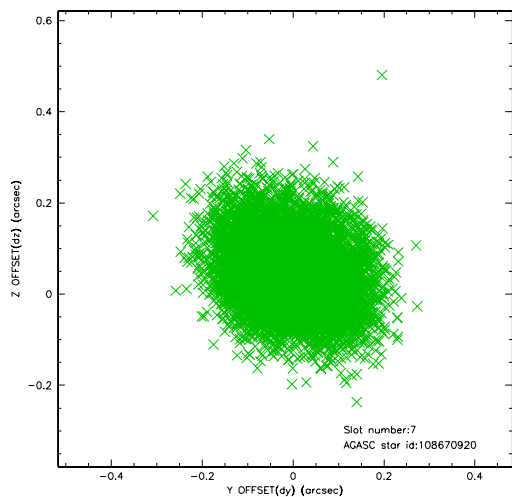
2.4.3 Slot 5



2.4.4 Slot 6

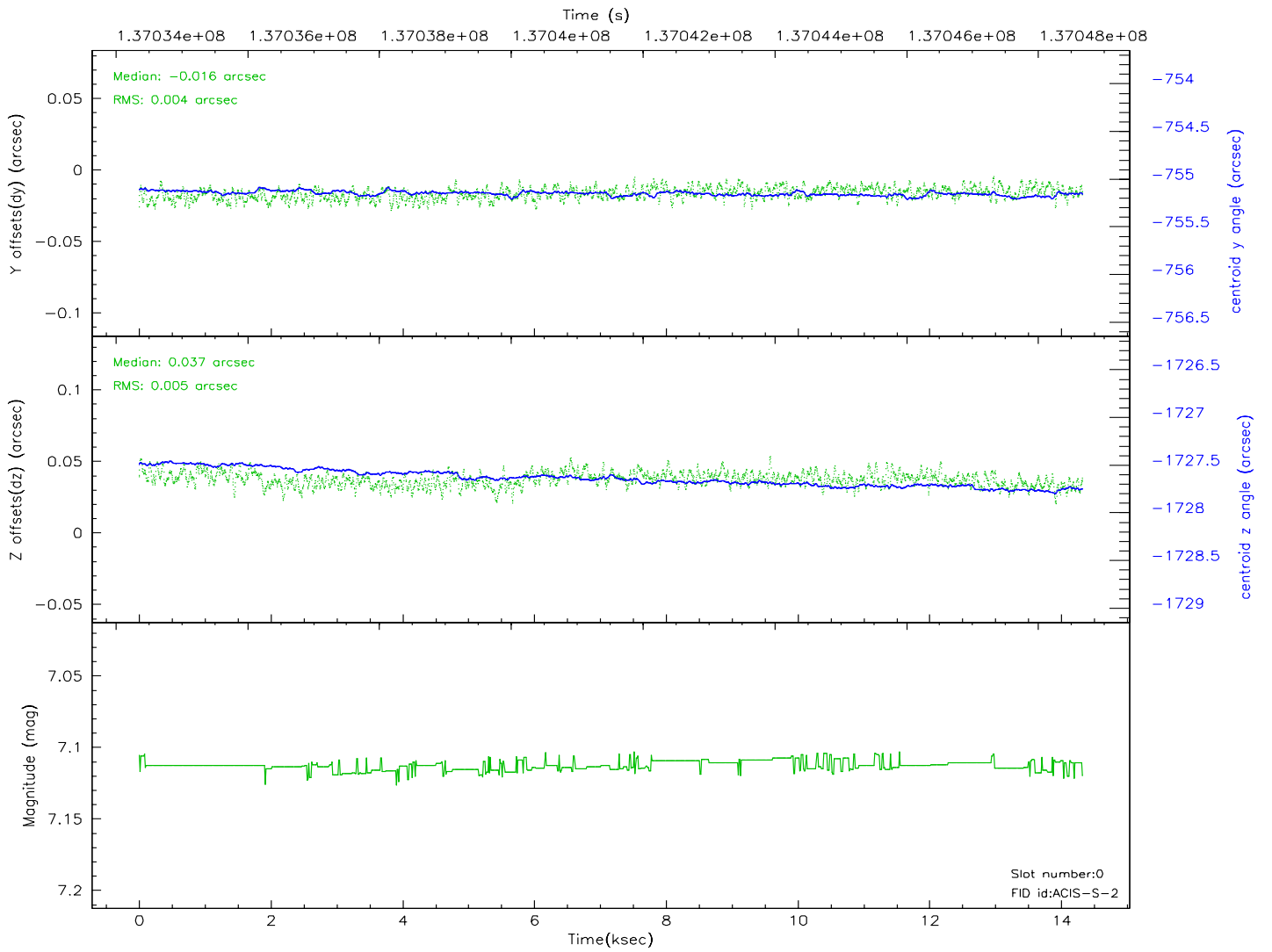
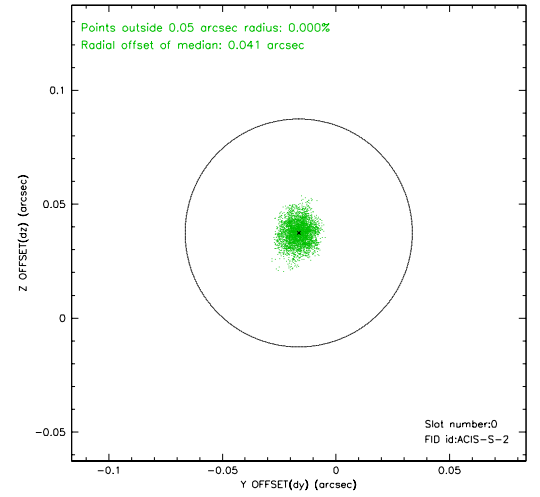
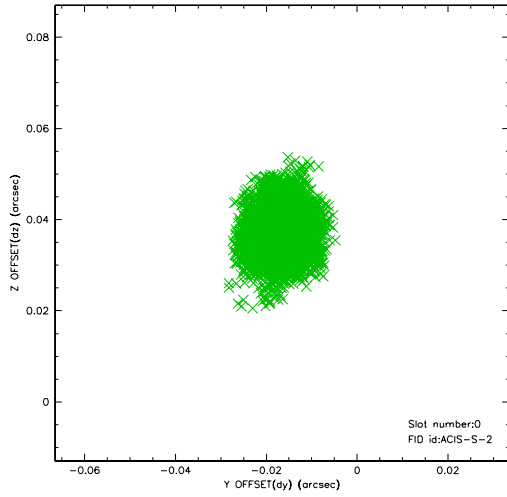


2.4.5 Slot 7

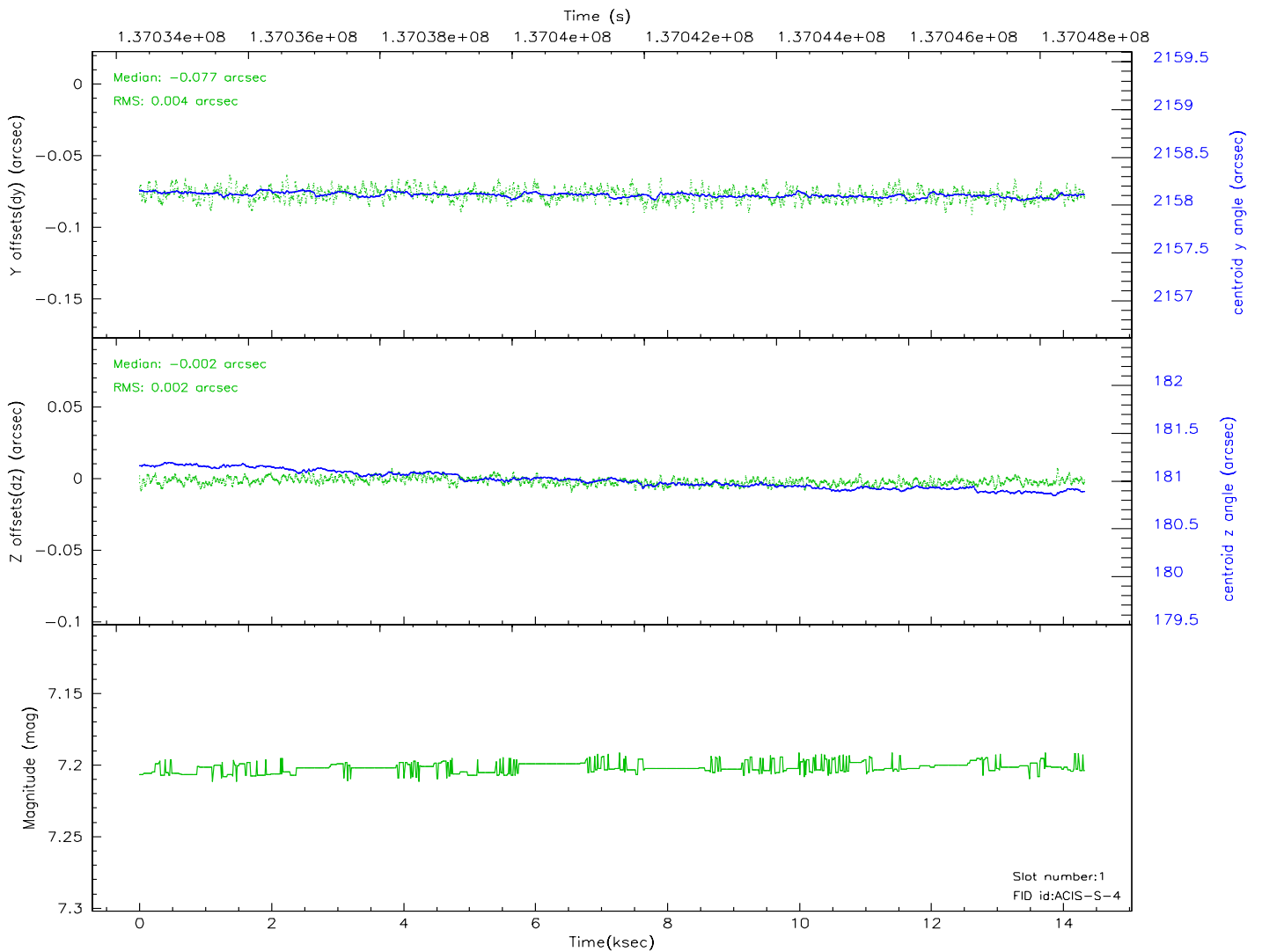
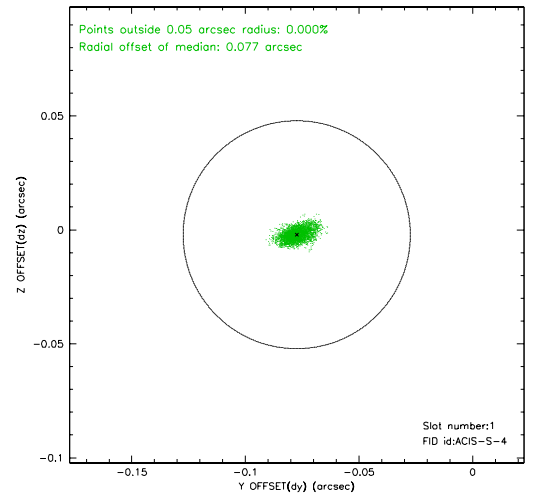
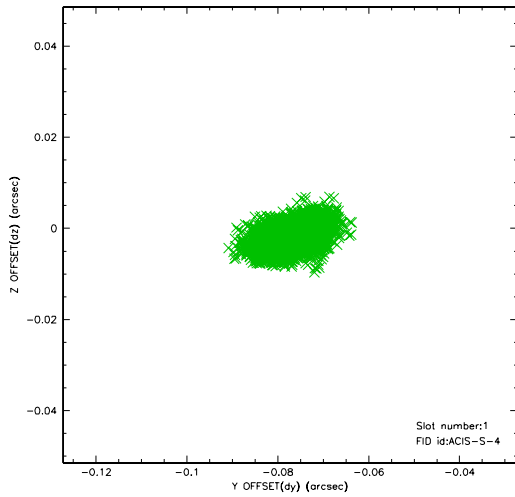


2.5 FID Slots

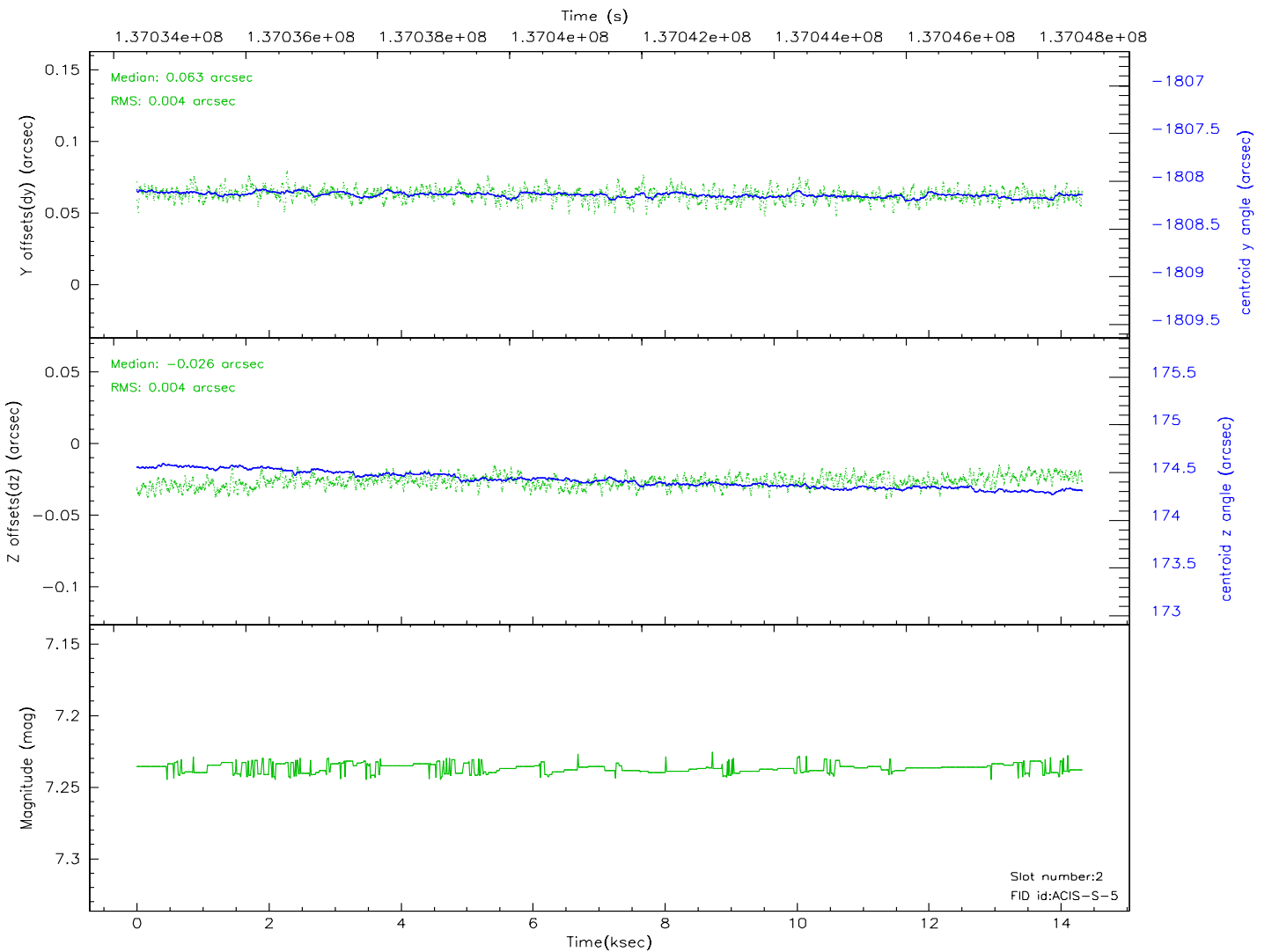
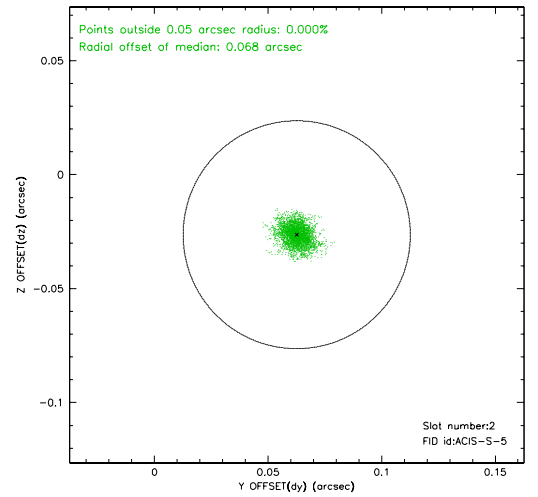
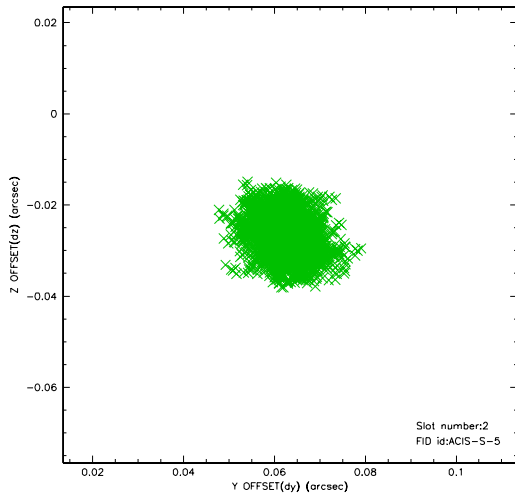
2.5.1 Slot 0



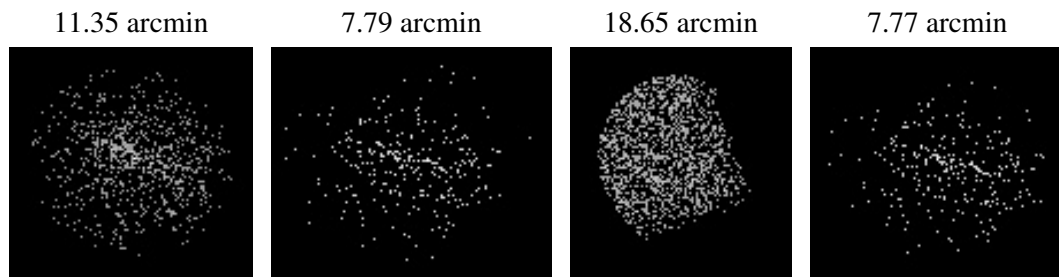
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.319

A.2 Comments