

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4070 - L2 Version 001
Chandra X-Ray Center

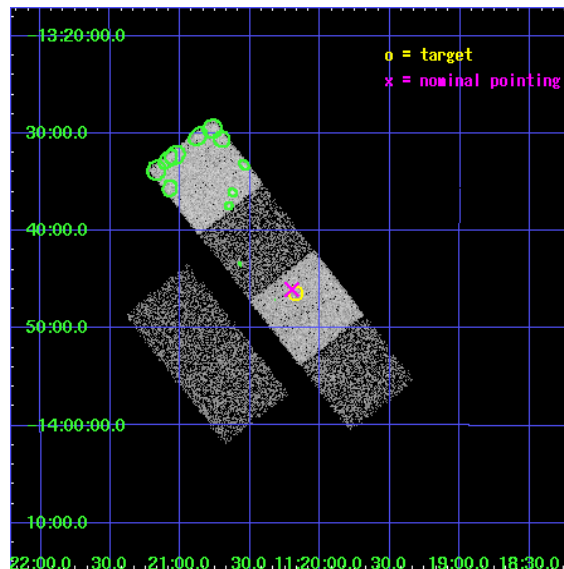
L2 Processing Date : Jul 19 2006

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1 Front

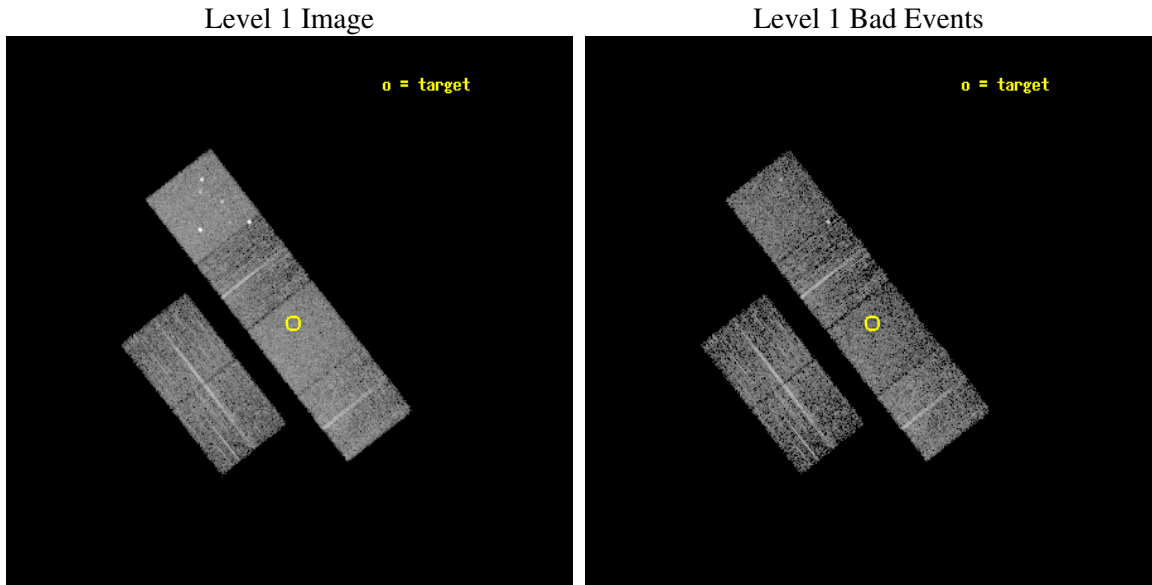
seq_num	700749
obs_id	4070
title	A CHANDRA SURVEY OF THE MOST LUMINOUS QUASARS AT Z>4
observer	Dr. Cristian Vignali
object	BRI 1117-1330
dtcycle	0
cycle	P
ra_targ	170.042917
dec_targ	-13.773806
ra_nom	170.05039777607
dec_nom	-13.767342209914
roll_nom	51.931190555332
revision	2
ontime	4758.3999822736
livetime	4698.1462565335
ontime2	4757.5128338933
ontime3	4758.3999822736
ontime5	4758.3999822736
ontime6	4758.3999822736
ontime7	4758.3999822736
ontime8	4755.1590119898
l2events	46144



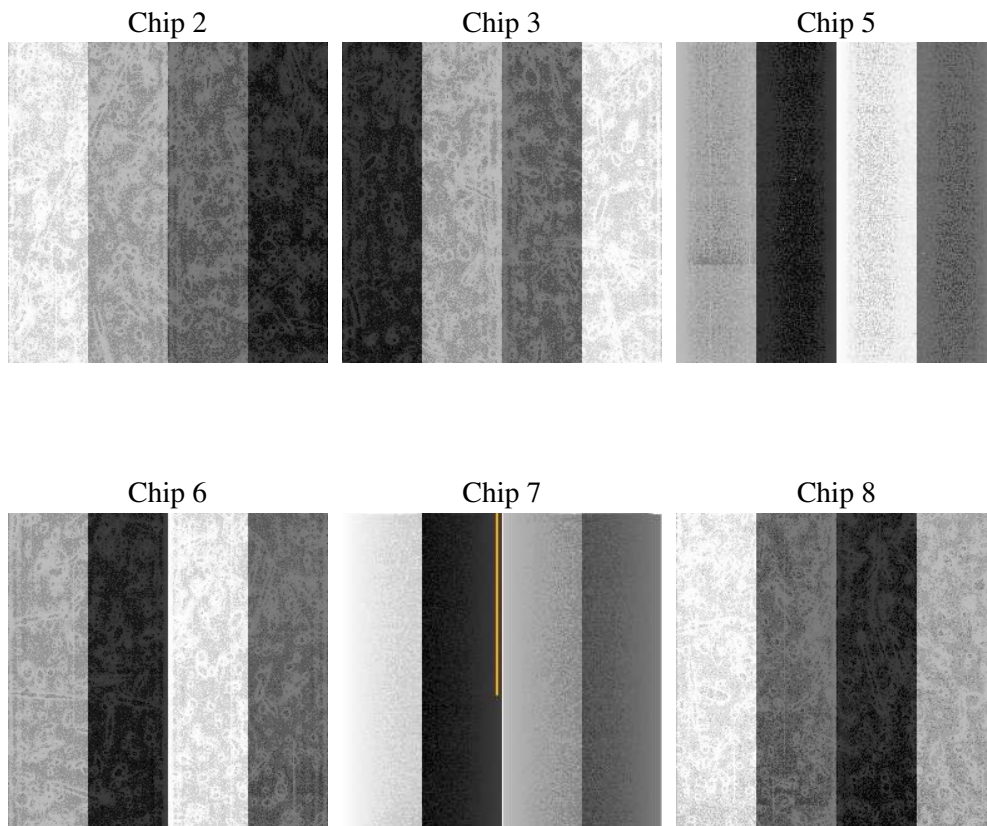
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-19T15:07:53
revision	2

sched_exp_time	5000.000000
ontime	4761.0386395156
ontime2	4757.7976393402
ontime3	4761.0386594236
ontime5	4761.0386793315
ontime6	4761.0386594236
ontime7	4761.0386395156
ontime8	4757.7975795865
l1events	209366

2.1.4 Events

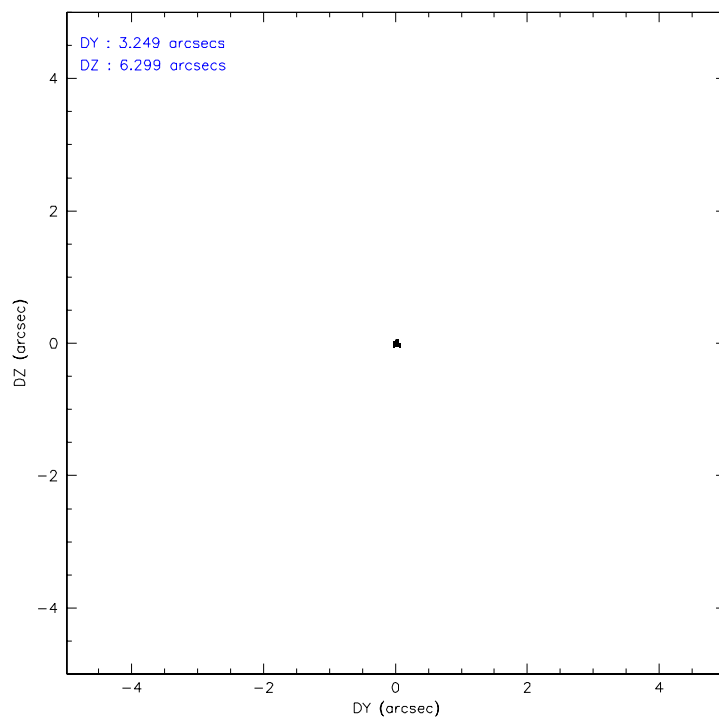
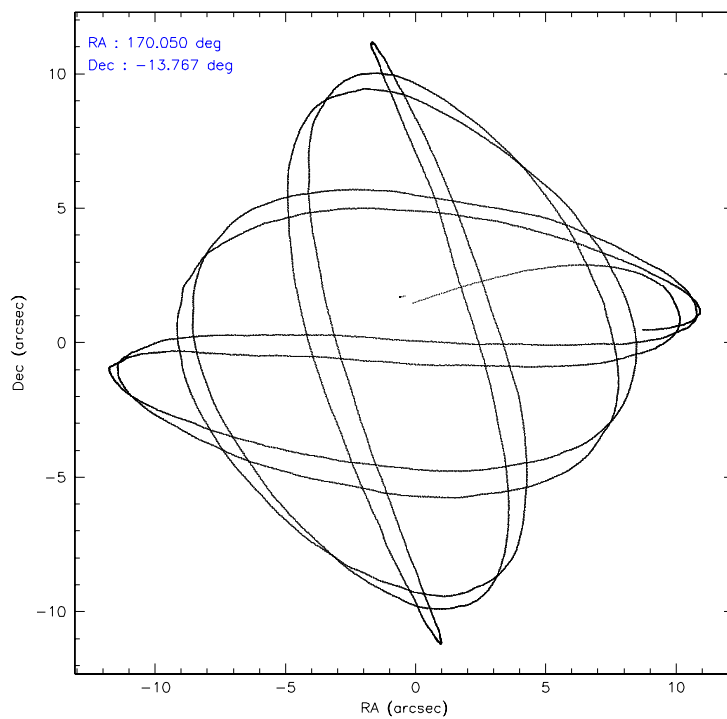
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29157	28016	46670	29058	39001	37464
rejected events	25878	24628	24199	25518	23600	30518
rejected %	88%	87%	51%	87%	60%	81%

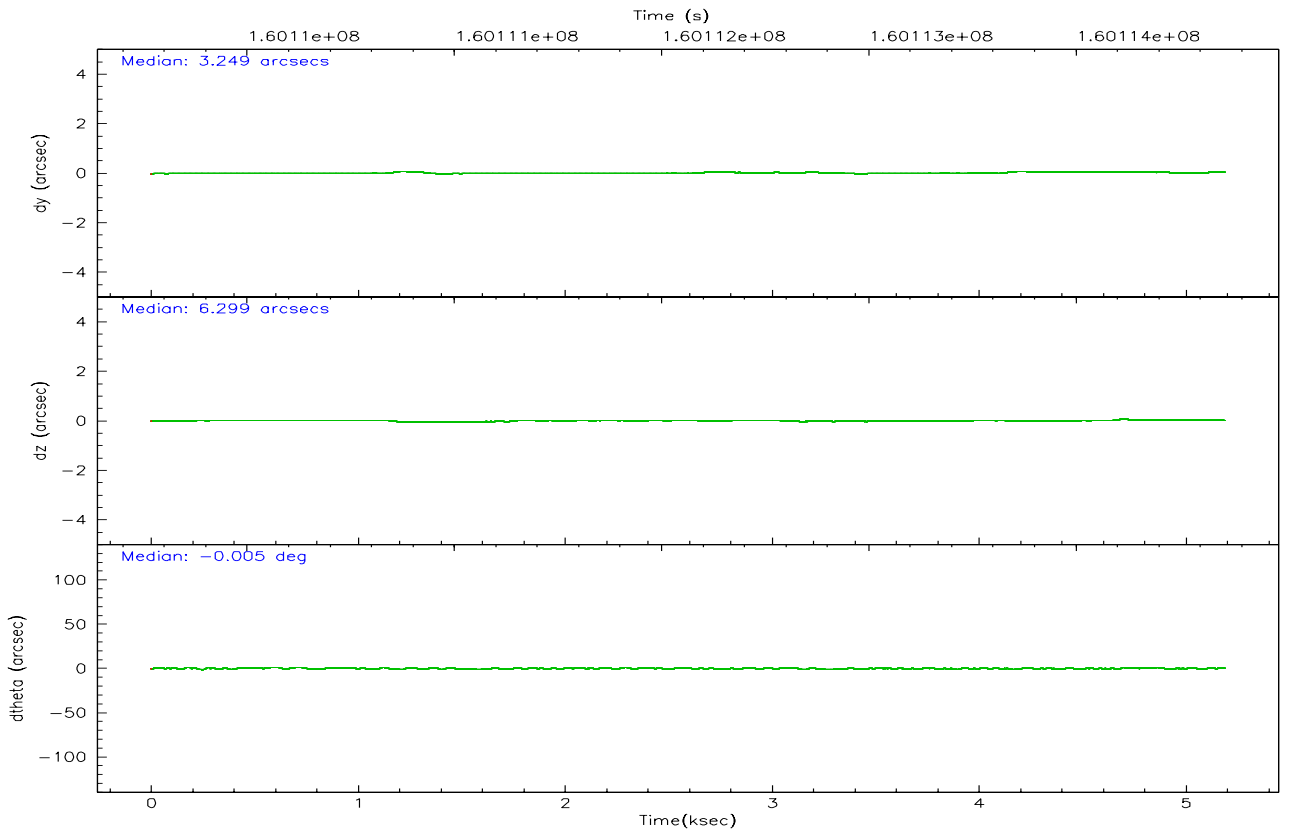
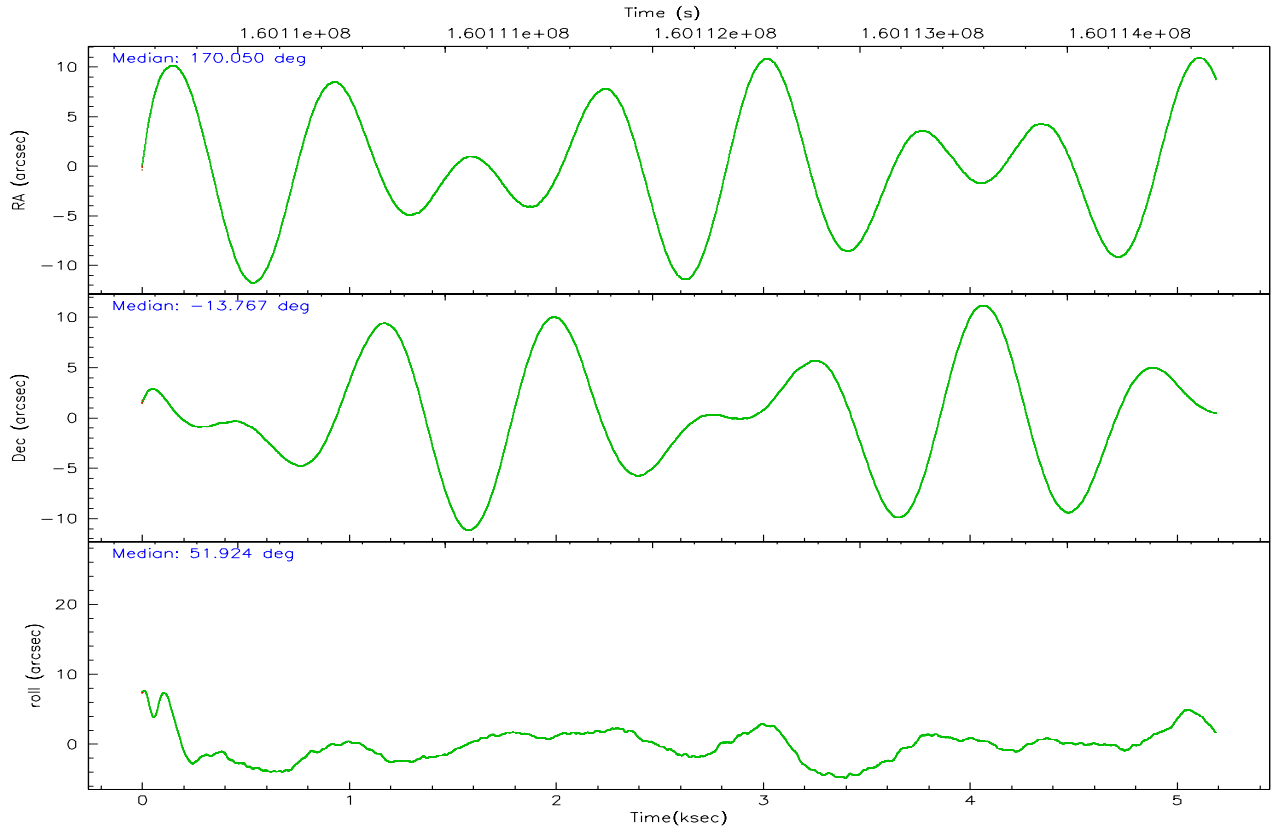
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1402	1477	2935	1522	997	2253
	4%	5%	6%	5%	2%	6%
grade 1 events	12	16	185	14	24	17
	0%	0%	0%	0%	0%	0%
grade 2 events	676	693	6807	682	3742	1475
	2%	2%	14%	2%	9%	3%
grade 3 events	332	322	599	322	807	770
	1%	1%	1%	1%	2%	2%
grade 4 events	321	341	503	318	751	686
	1%	1%	1%	1%	1%	1%
grade 5 events	1059	1242	2236	1311	2391	1593
	3%	4%	4%	4%	6%	4%
grade 6 events	548	558	11639	697	9127	1768
	1%	1%	24%	2%	23%	4%
grade 7 events	24807	23367	21766	24192	21162	28902
	85%	83%	46%	83%	54%	77%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	170.046777	170.0503977760675	Alternating exposures requested	N	N
Pointing Dec	-13.794360	-13.76734220991441	Primary exposure time	0.000000	3.2
Pointing Roll	51.773670	51.93119055533191			
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	160109725.184000	160108912.17781			
Observation start date	2003-01-28T02:54:21	2003-01-28T02:41:52			
Observation end time	160114725.184000	160115510.61558			
Observation end date	2003-01-28T04:17:41	2003-01-28T04:31:50			
Read mode	TIMED	TIMED			

2.3 Aspect



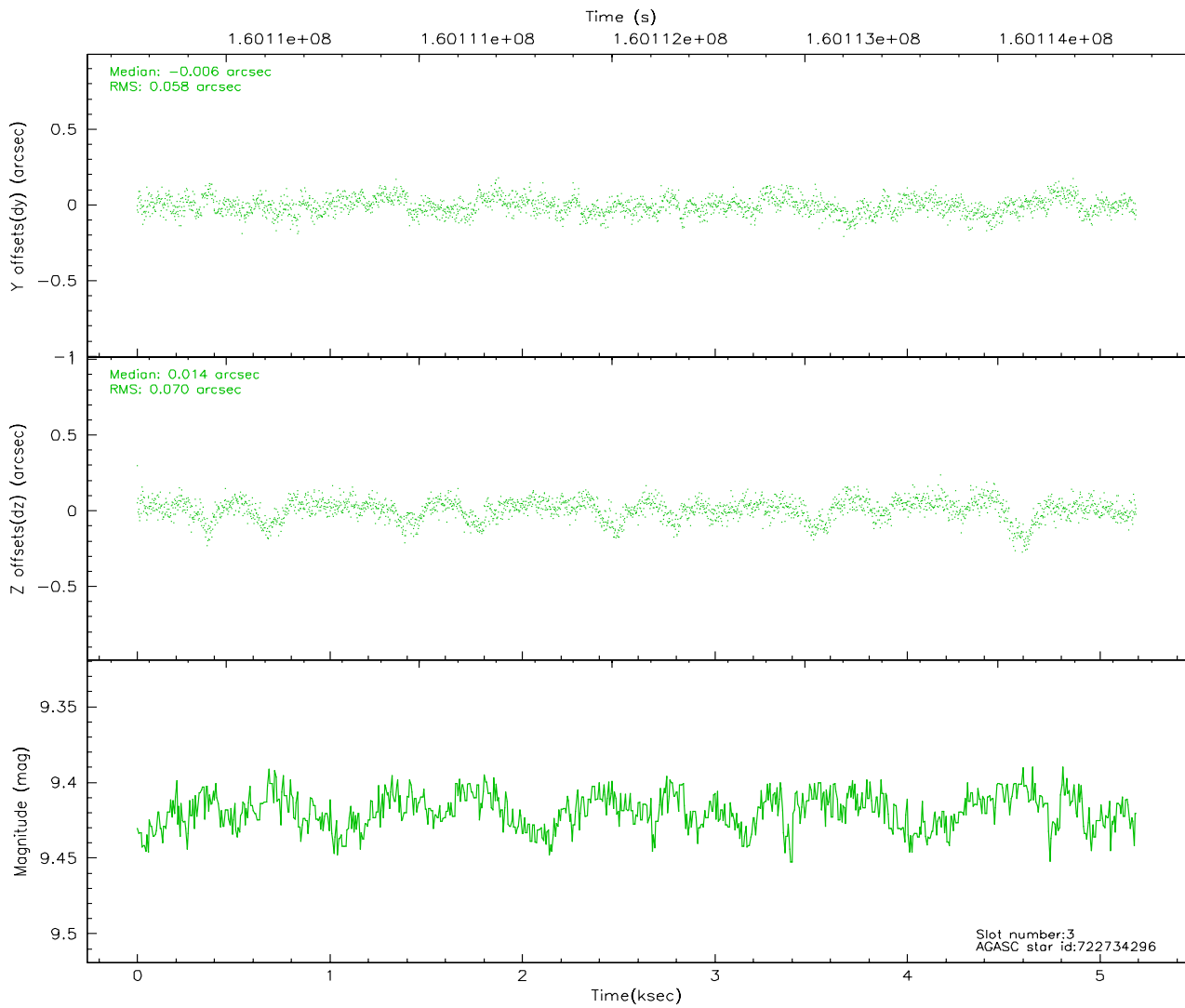
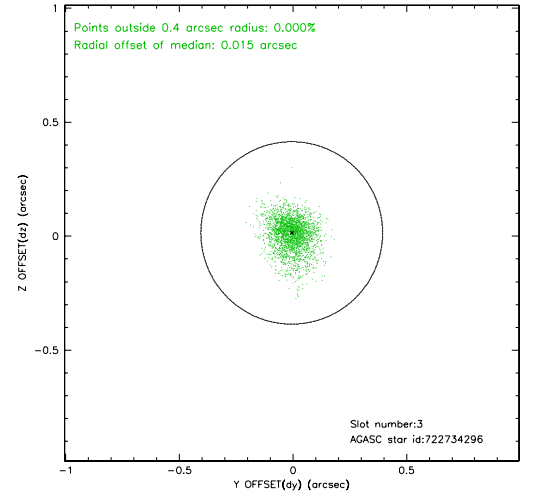
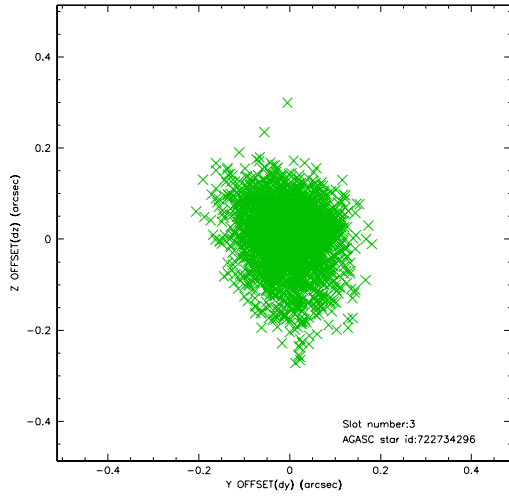


Slot Statistics

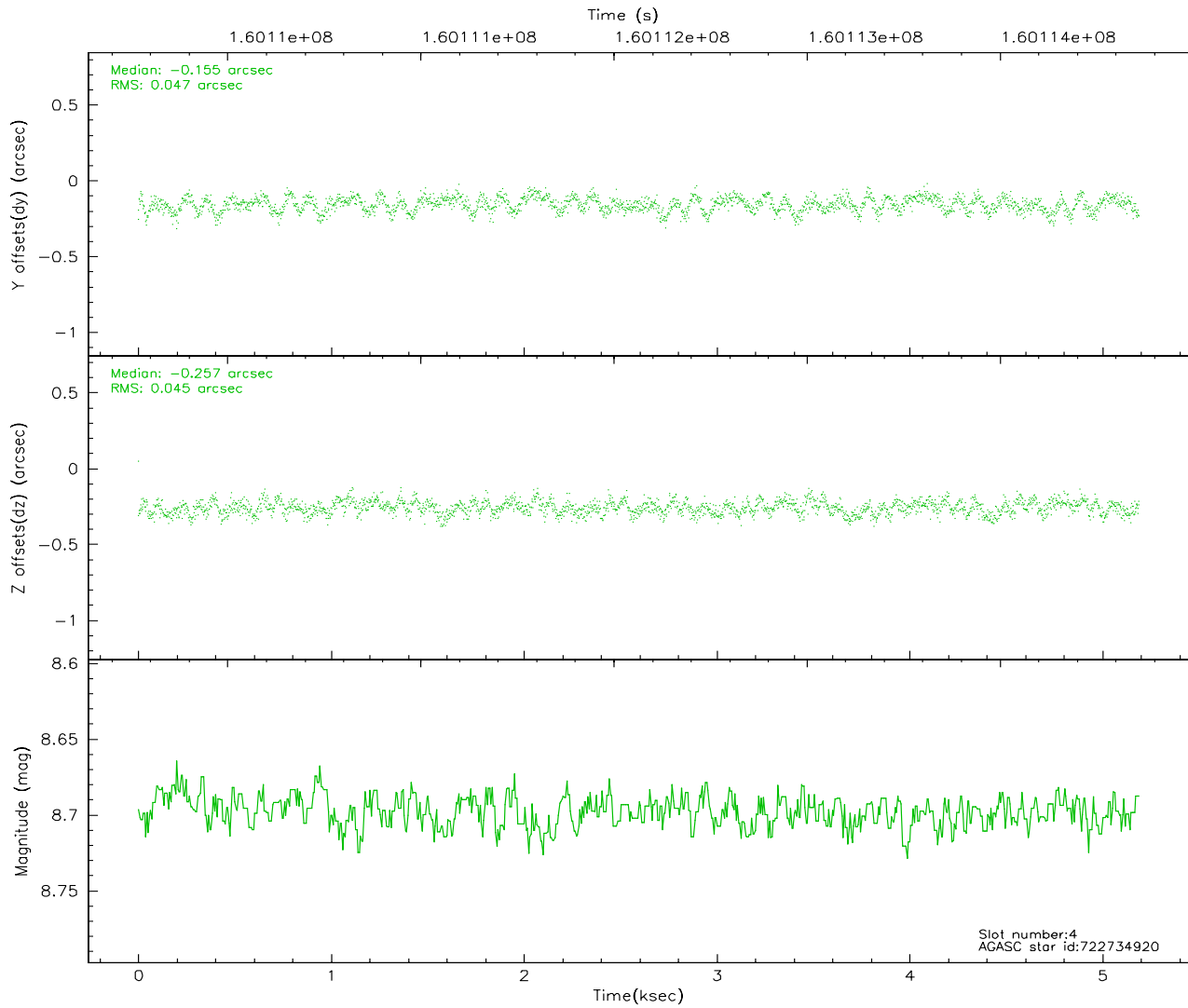
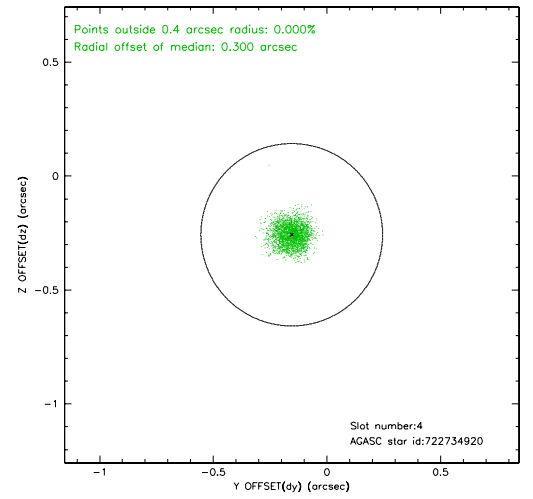
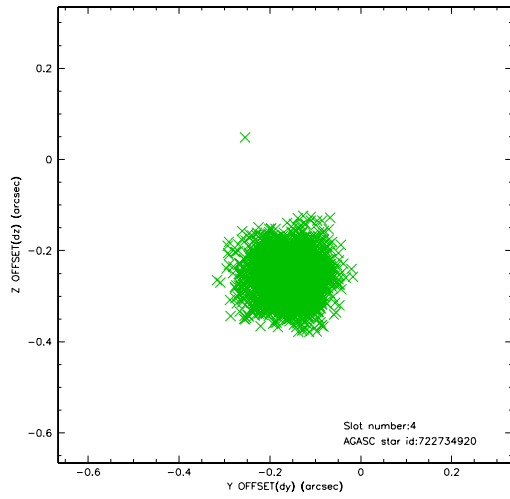
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1267	-0.030	0.021	0.006	0.010	0.000000	0.000000	-755.89	-1727.39
1	FID	ACIS-S-4	7.21	1267	-0.009	0.009	0.005	0.009	0.000000	0.000000	2156.83	179.95
2	FID	ACIS-S-5	7.24	1267	0.008	-0.021	0.006	0.011	0.000000	0.000000	-1807.24	174.82
3	GUIDE	722734296	9.42	2533	-0.006	0.014	0.094	0.165	169.928817	-13.452494	711.06	1086.28
4	GUIDE	722734920	8.70	2533	-0.155	-0.257	0.071	0.109	169.791250	-13.157470	1246.37	2122.77
5	GUIDE	722737128	9.97	2529	0.085	0.055	0.111	0.180	169.894888	-14.226568	-1549.76	-545.49
6	GUIDE	722737720	7.22	2533	0.032	0.125	0.058	0.090	170.053449	-13.884576	-241.28	-219.05
7	GUIDE	722742384	7.73	2532	0.044	0.074	0.068	0.108	170.286748	-14.081276	-293.02	-1297.32

2.4 Star Slots

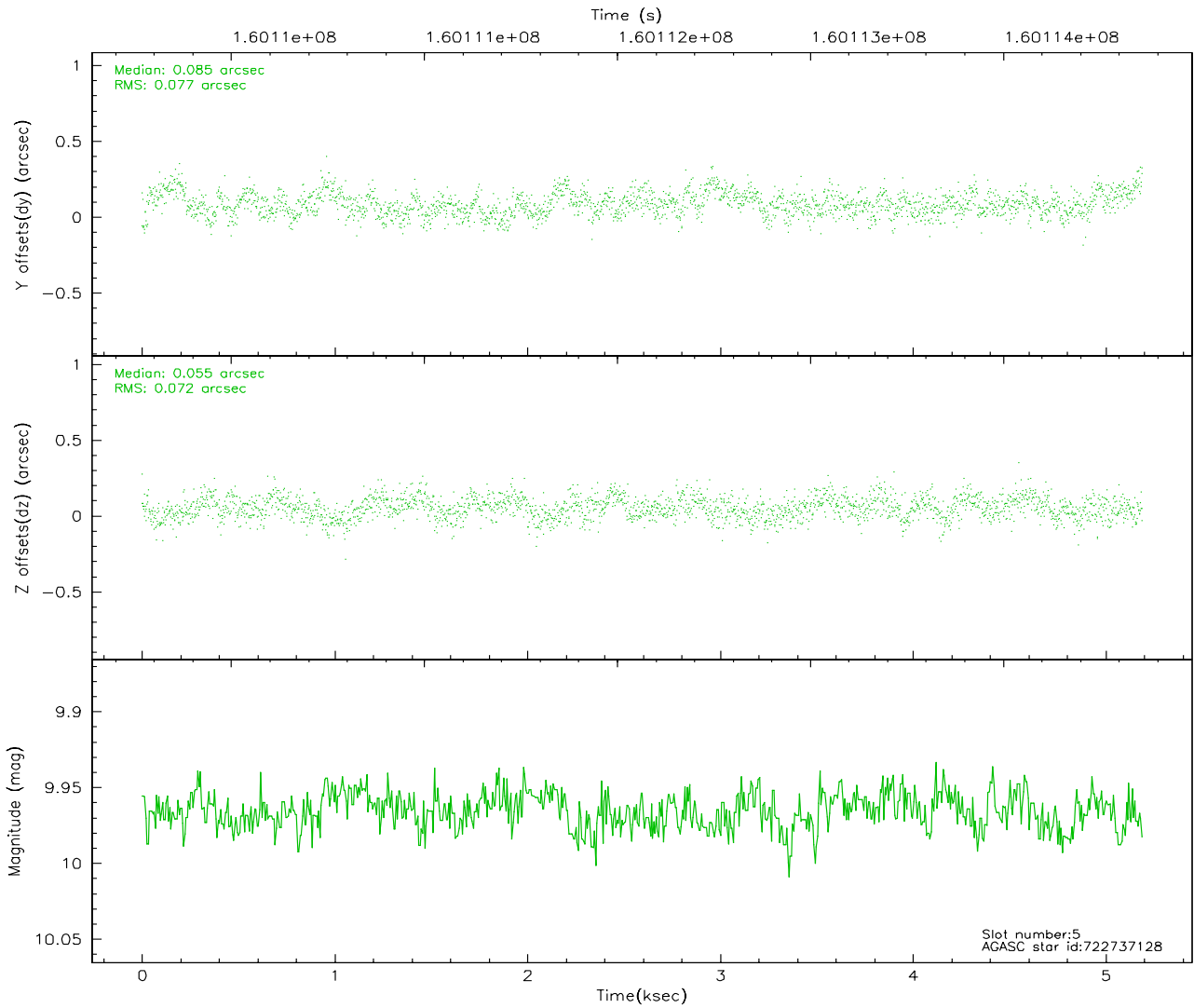
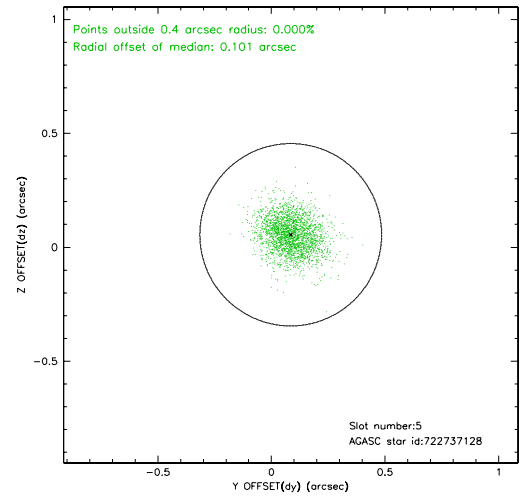
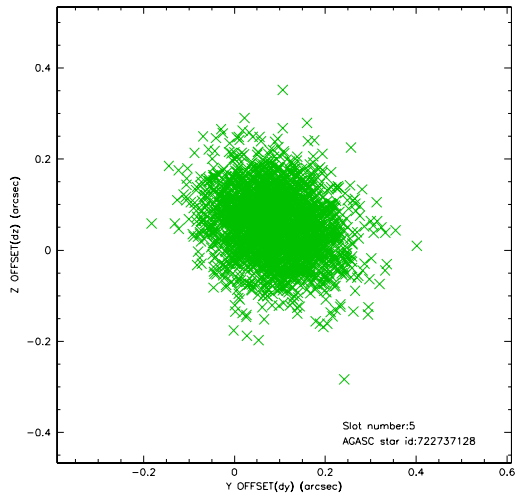
2.4.1 Slot 3



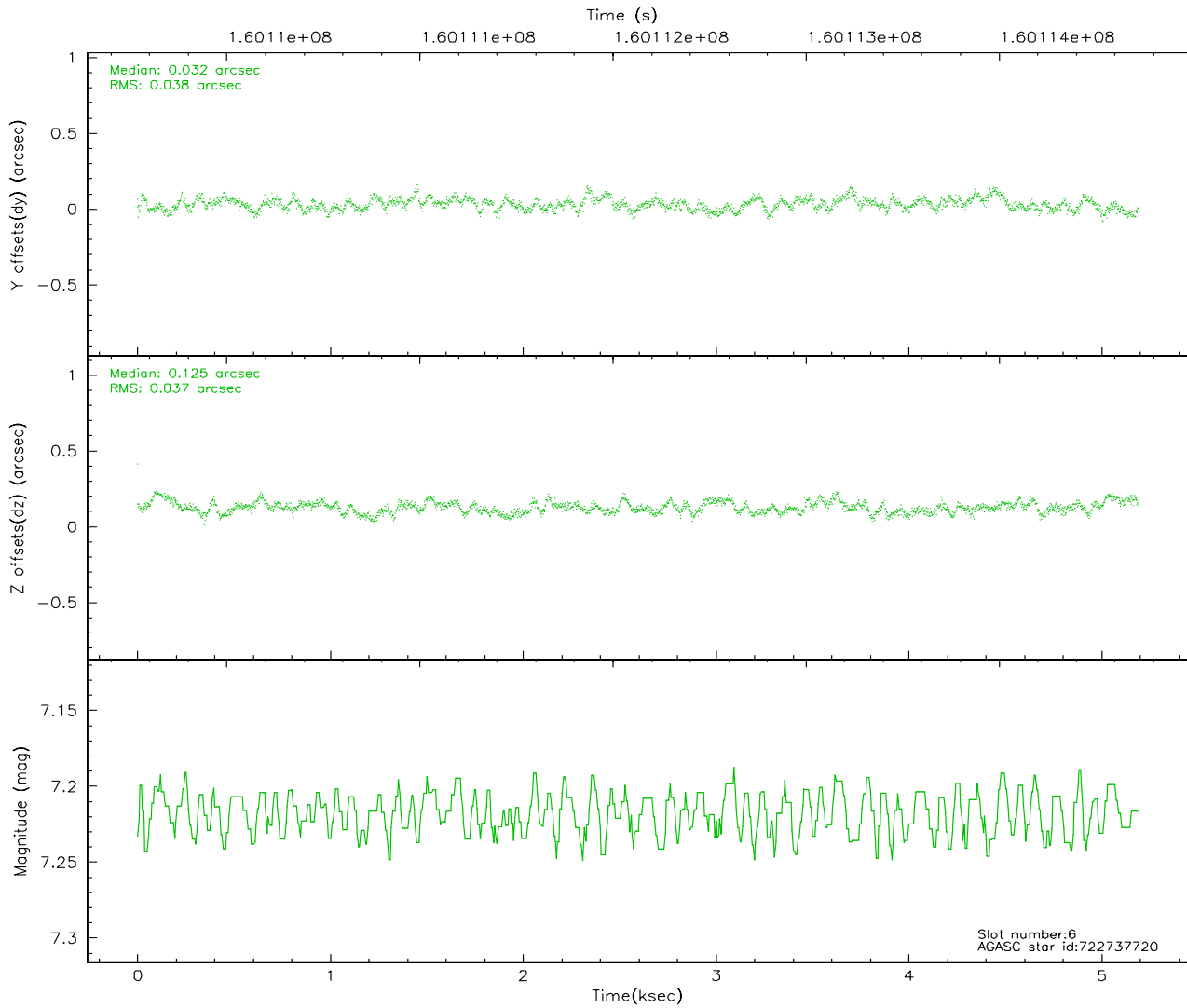
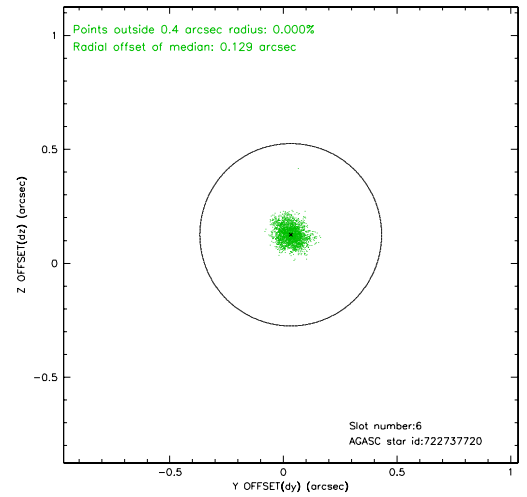
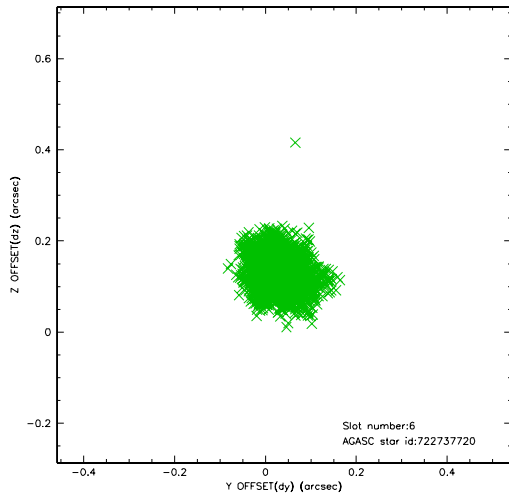
2.4.2 Slot 4



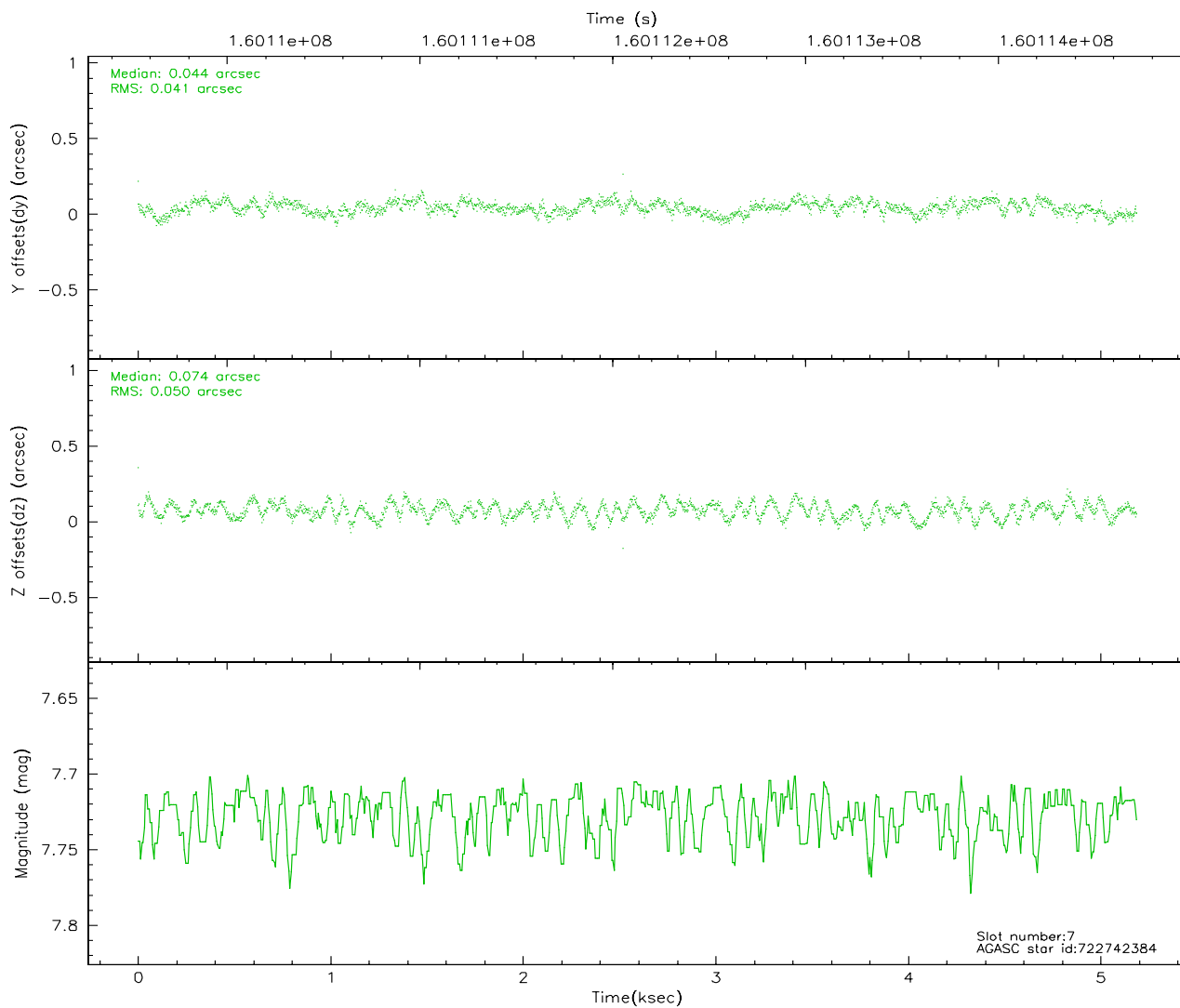
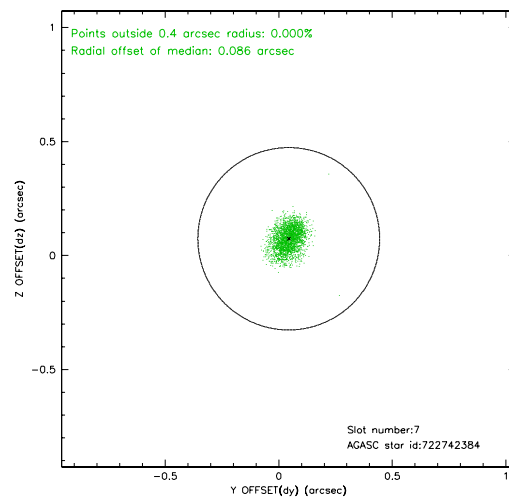
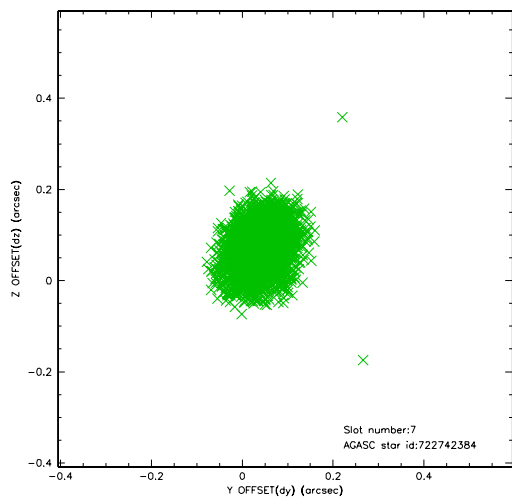
2.4.3 Slot 5



2.4.4 Slot 6

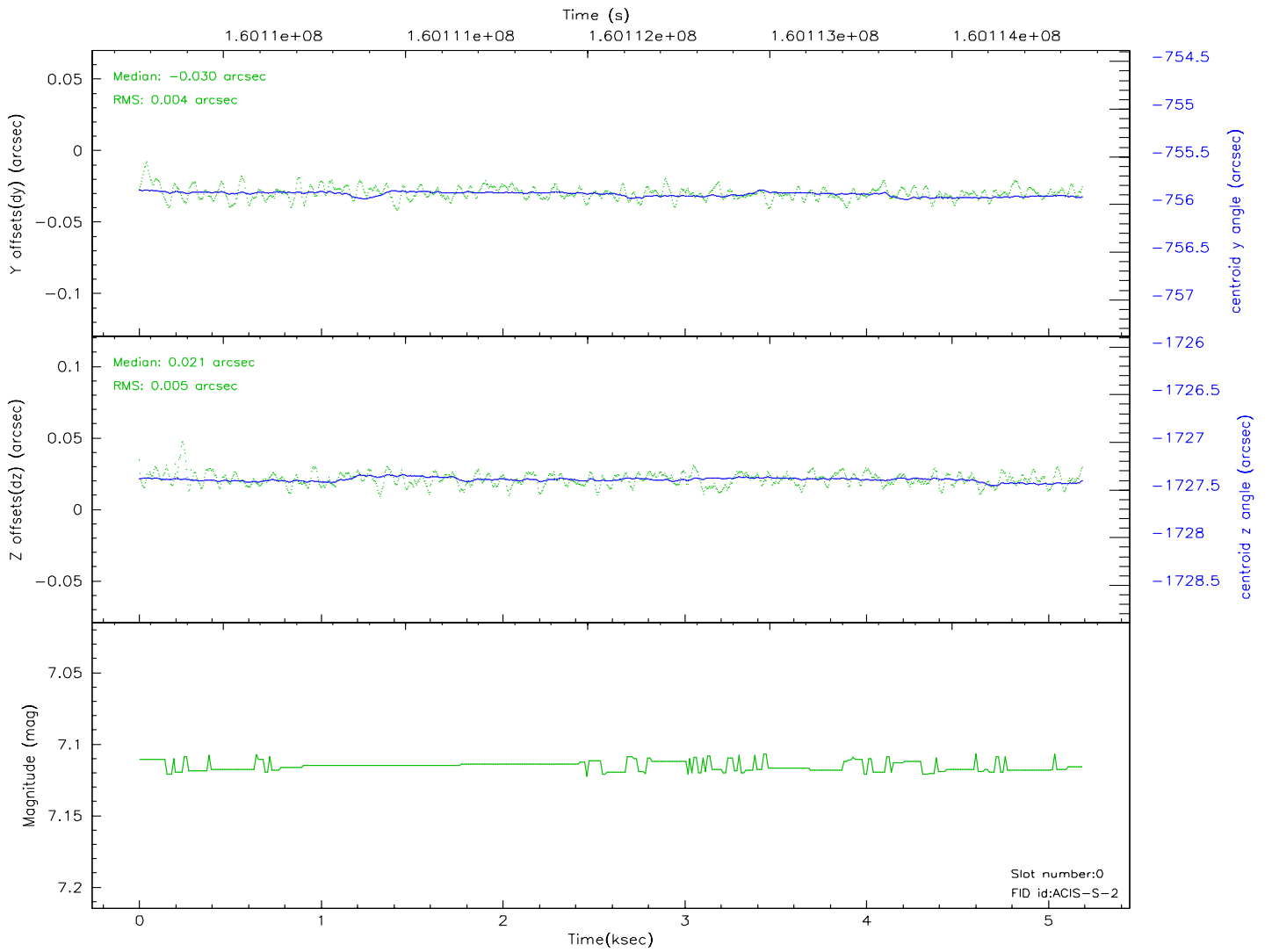
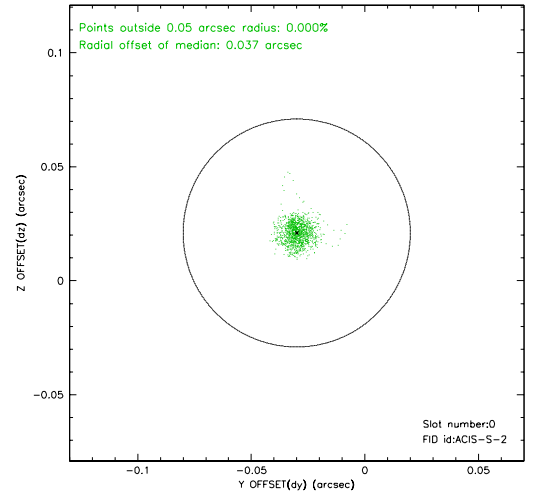
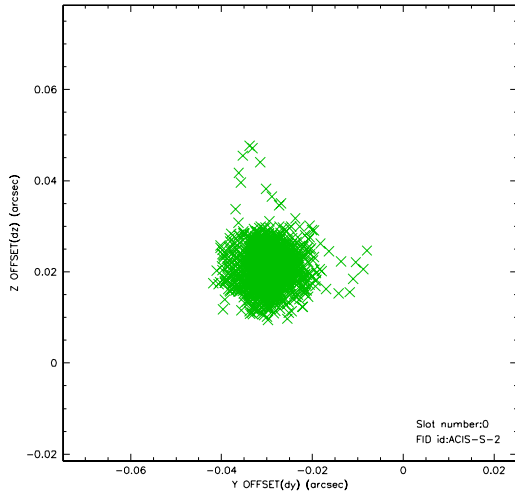


2.4.5 Slot 7

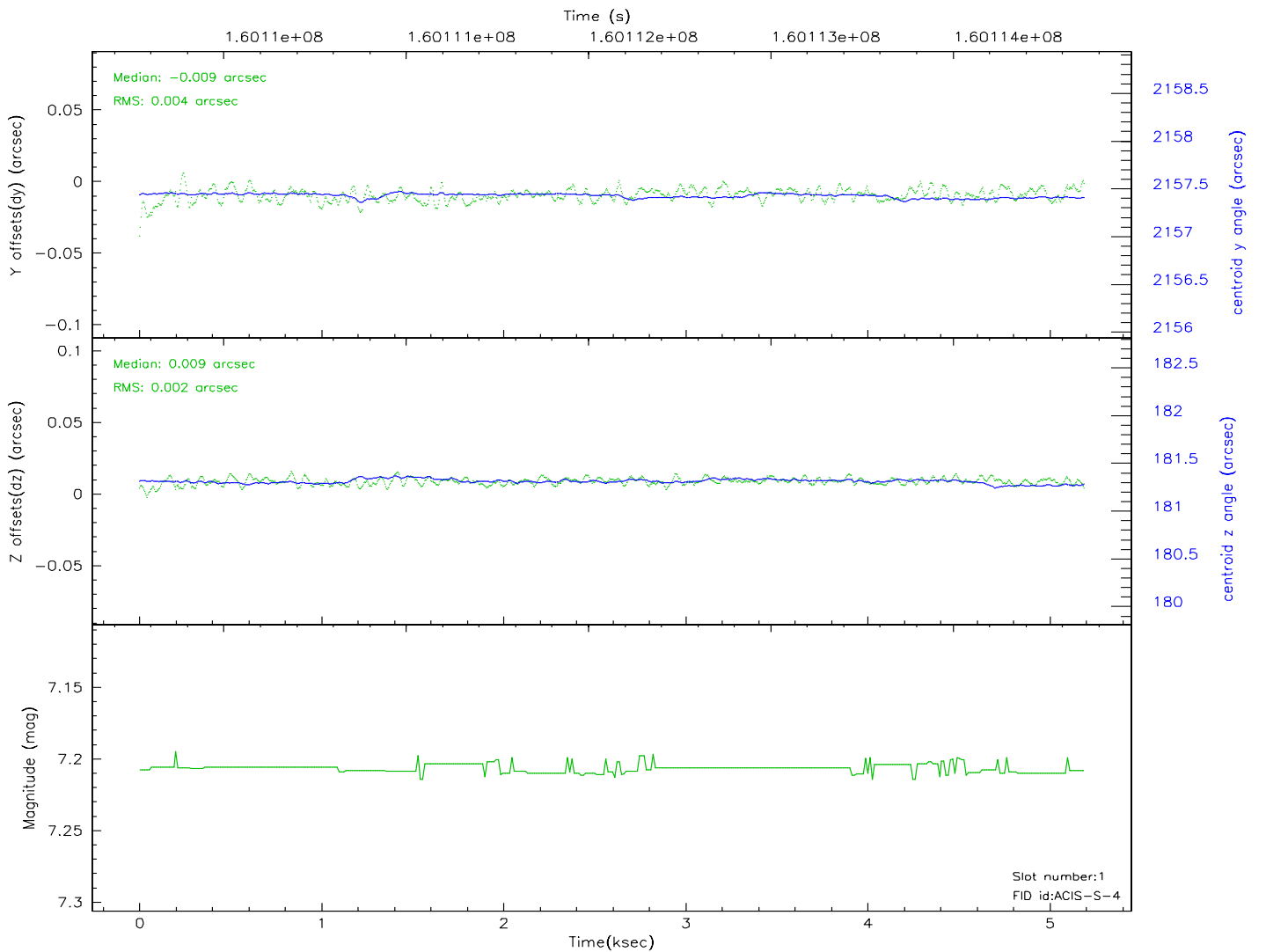
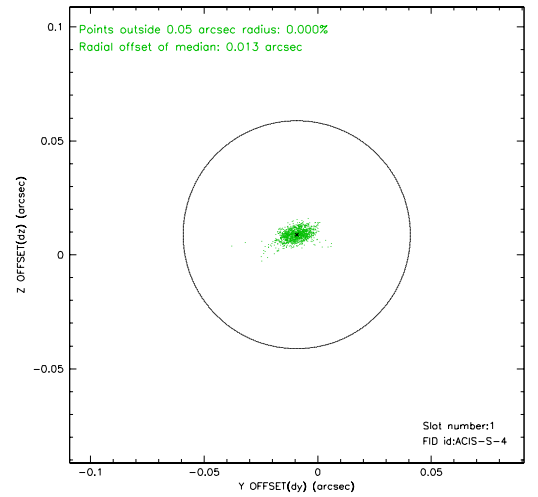
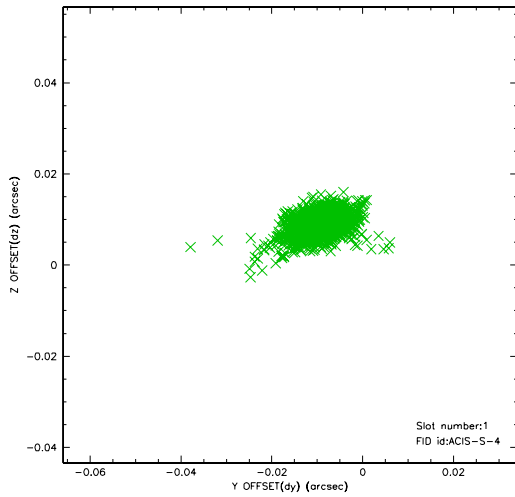


2.5 FID Slots

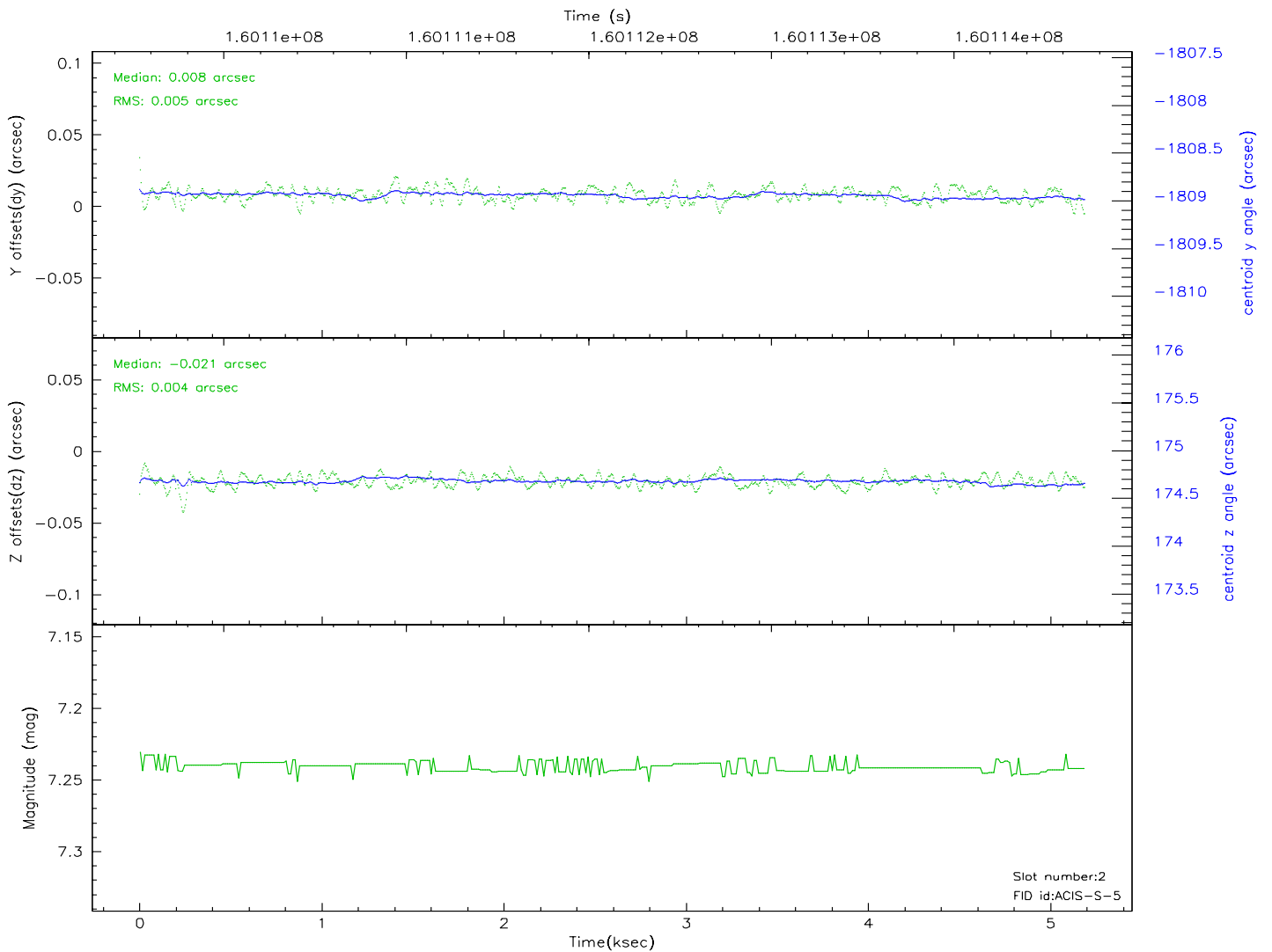
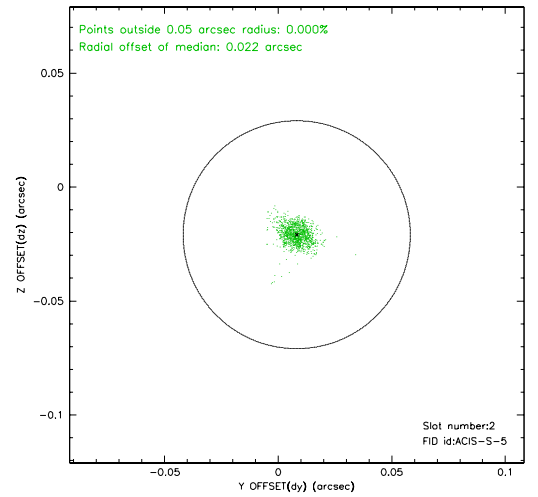
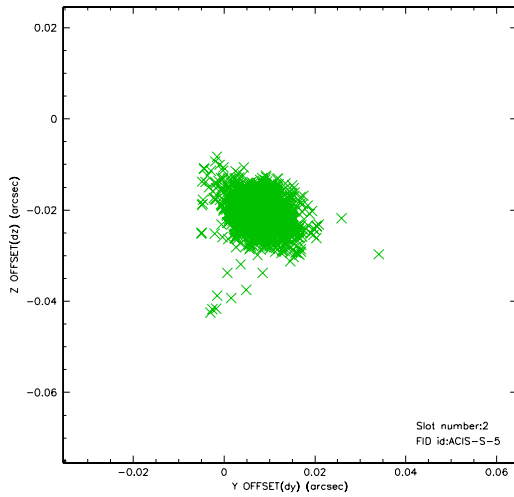
2.5.1 Slot 0



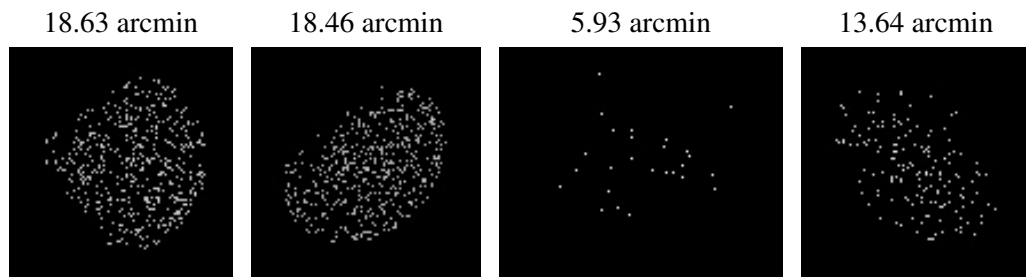
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.758

A.2 Comments