

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6331 - L2 Version 002
Chandra X-Ray Center

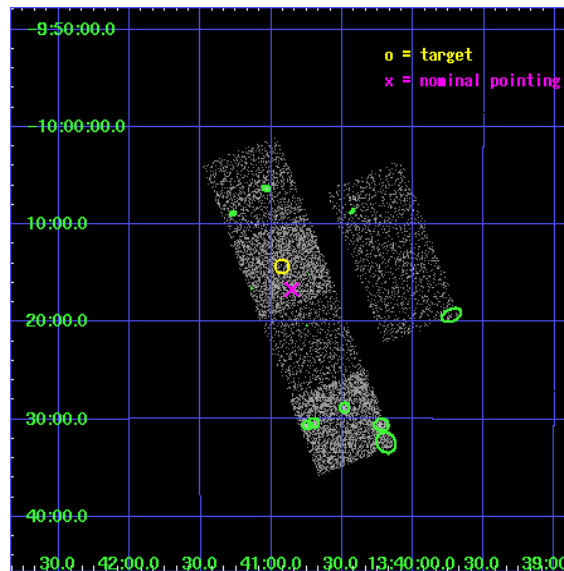
L2 Processing Date : Mar 14 2006

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1 Front

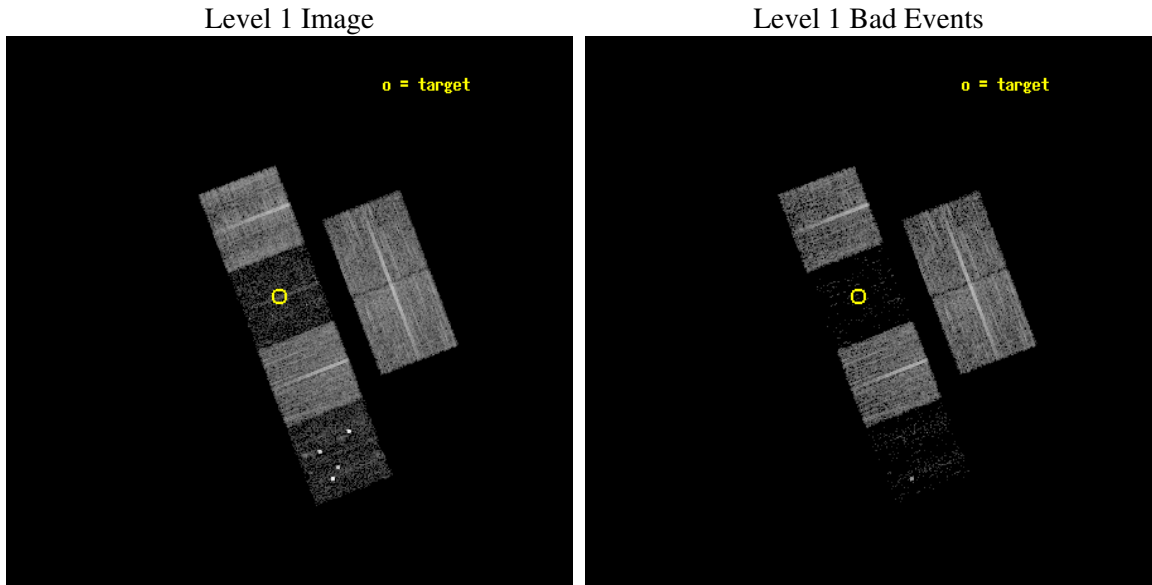
seq_num	100055
obs_id	6331
title	Comet 9P/Tempel 1 During the Deep Impact Encounter
observer	Dr. Carey Lisse
object	9P/Tempel 1
dtcycle	0
cycle	P
ra_targ	205.230995
dec_targ	-10.238833
ra_nom	205.21375255772
dec_nom	-10.278234159067
roll_nom	249.04079302876
revision	2
ontime	8086.3999698758
livetime	7984.0051044117
ontime2	8086.3999698758
ontime3	8086.3999698758
ontime5	8086.3999698758
ontime6	8086.3999698758
ontime7	8086.3999698758
ontime8	8086.3999698758
l2events	11618



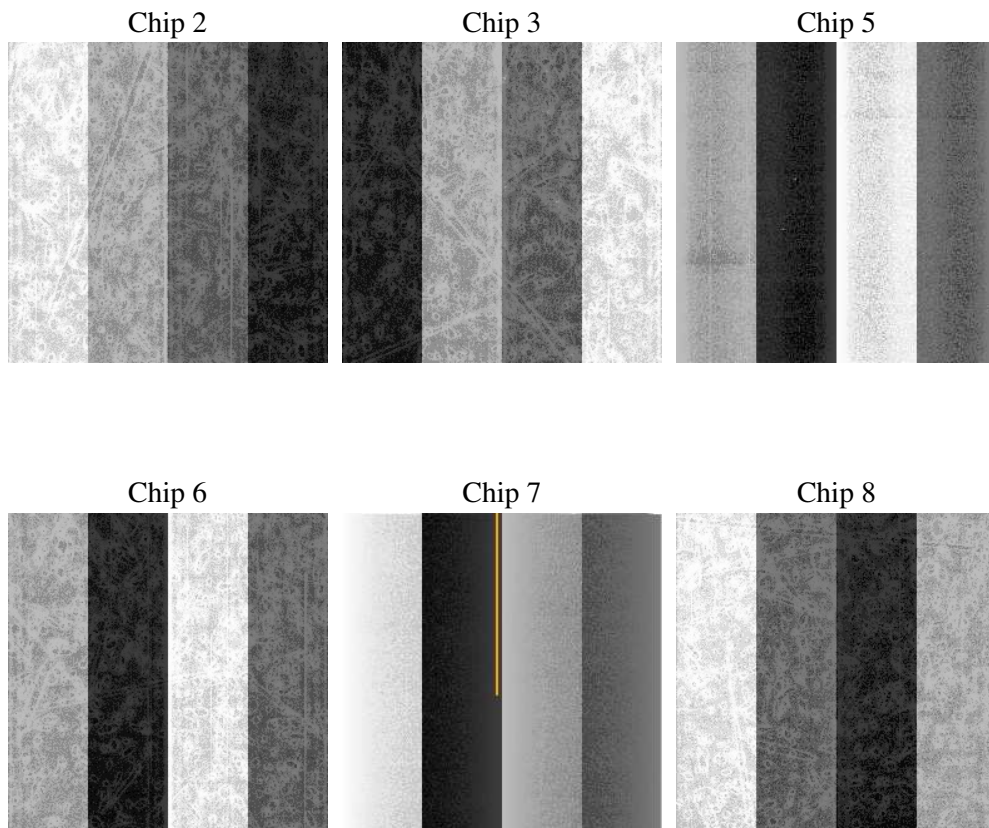
2 OBI

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	2006-03-14T09:07:55
revision	2

sched_exp_time	7899.000000
ontime	8410.4064846933
ontime2	8410.4065045714
ontime3	8410.4065045714
ontime5	8410.4065045714
ontime6	8410.4065045714
ontime7	8410.4064846933
ontime8	8410.4065045714
l1events	178031

2.1.4 Events

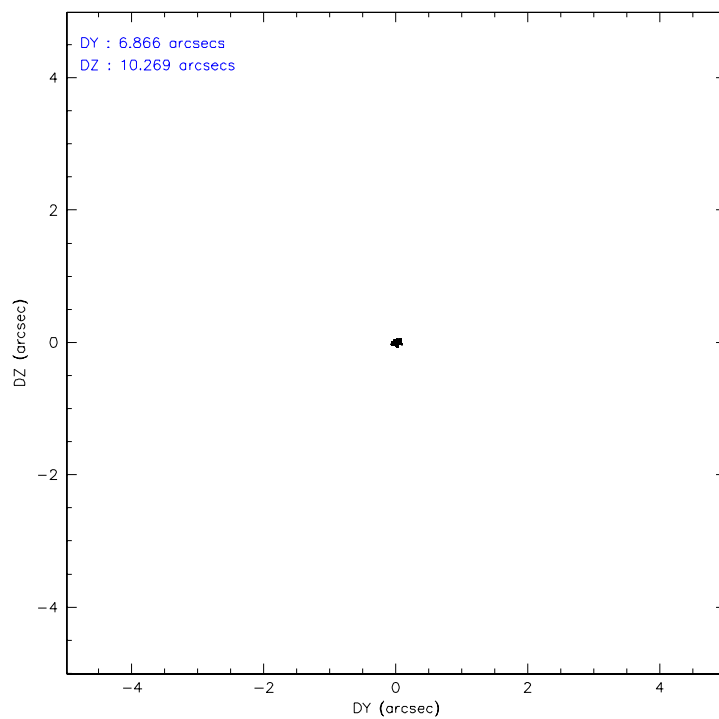
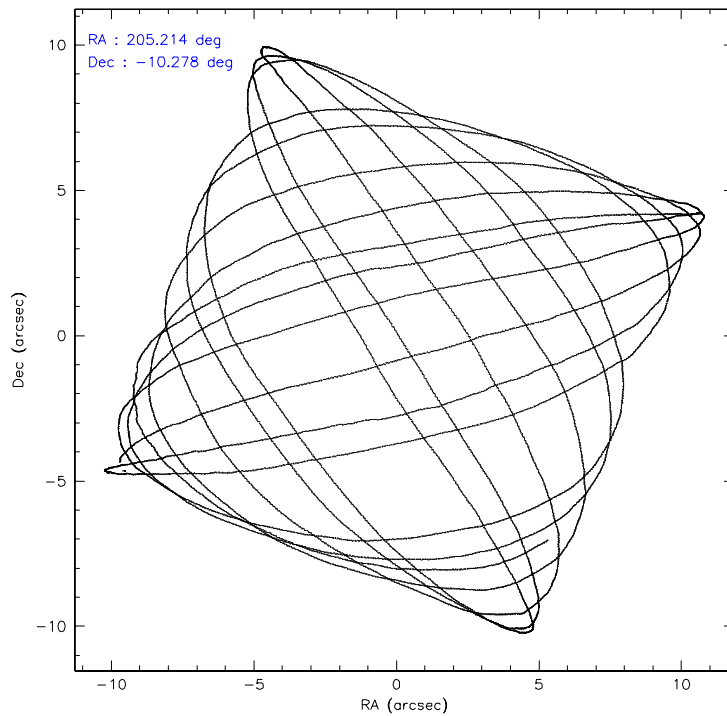
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	43774	35987	13234	37019	5064	42953
rejected events	42081	34782	2582	35518	1223	32659
rejected %	96%	96%	19%	95%	24%	76%

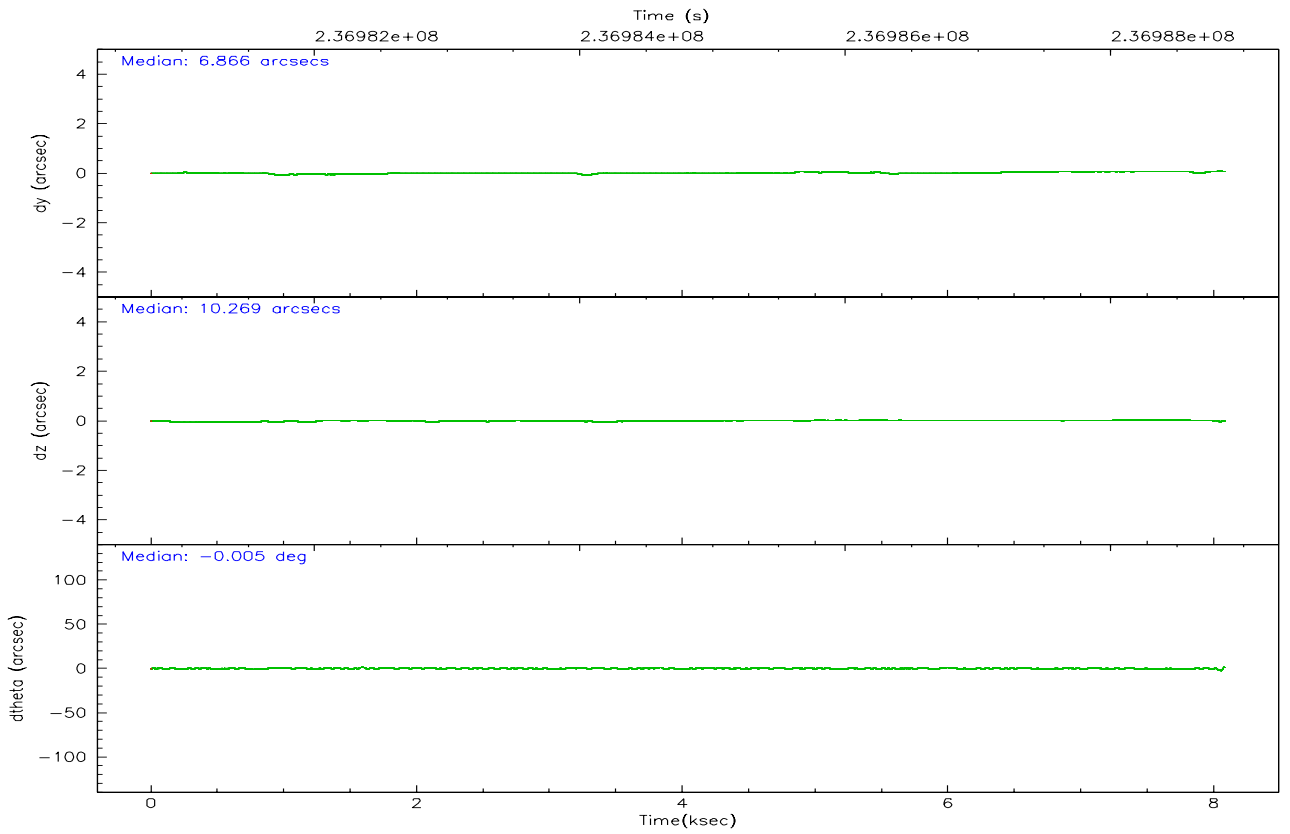
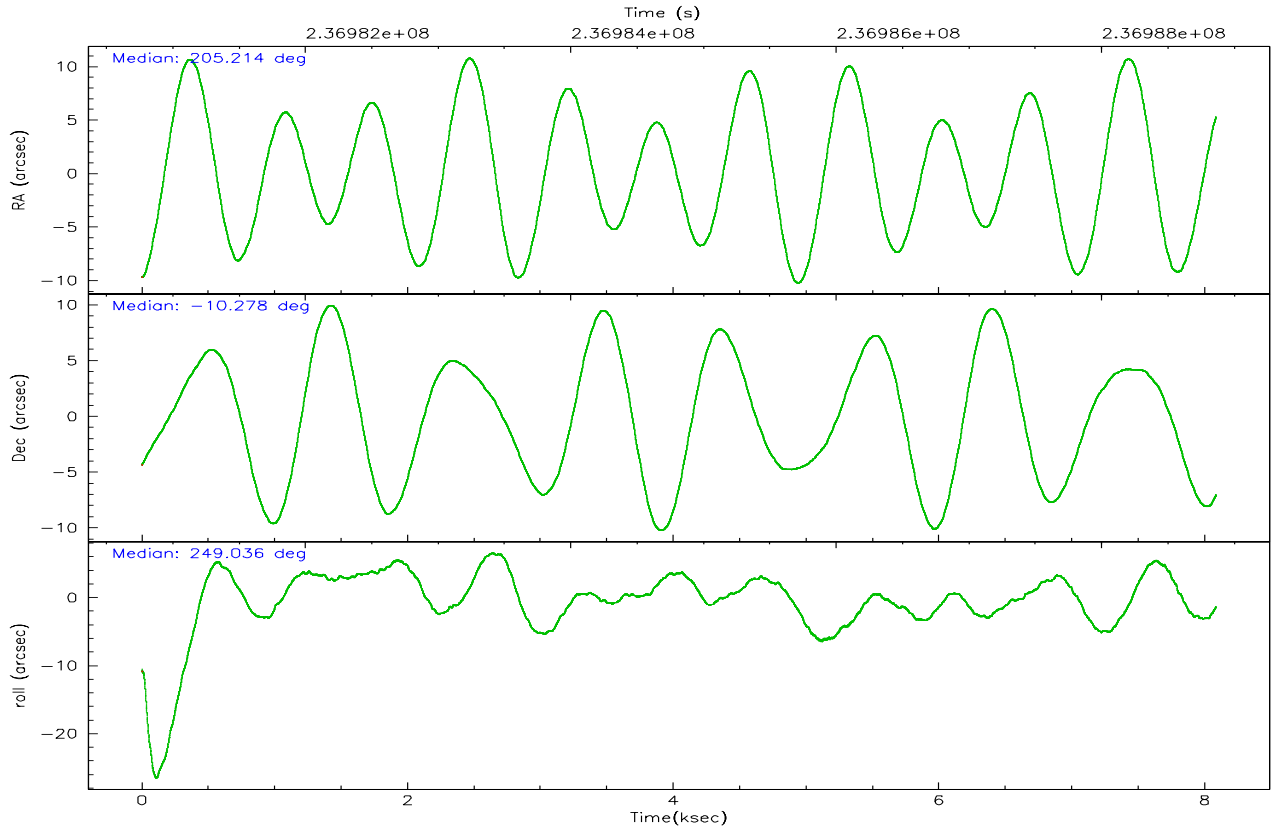
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	701	628	5164	708	932	2869
	1%	1%	39%	1%	18%	6%
grade 1 events	15	6	195	13	24	44
	0%	0%	1%	0%	0%	0%
grade 2 events	420	152	4171	257	1378	2415
	0%	0%	31%	0%	27%	5%
grade 3 events	203	205	594	243	589	1251
	0%	0%	4%	0%	11%	2%
grade 4 events	241	162	590	223	585	1160
	0%	0%	4%	0%	11%	2%
grade 5 events	58	39	325	36	118	212
	0%	0%	2%	0%	2%	0%
grade 6 events	193	115	578	112	515	2913
	0%	0%	4%	0%	10%	6%
grade 7 events	41943	34680	1617	35427	923	32089
	95%	96%	12%	95%	18%	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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	205.209032	205.213752557718	Alternating exposures requested	N	N
Pointing Dec	-10.251400	-10.27823415906737	Primary exposure time	0.000000	3.2
Pointing Roll	248.883299	249.0407930287626			
Window start time	236966464.184000	236966464.184000			
Window stop time	237031264.184000	237031264.184000			
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	236980957.184000	236980581.22855			
Observation start date	2005-07-05T20:01:33	2005-07-05T19:56:21			
Observation end time	236988856.184000	236988990.32894			
Observation end date	2005-07-05T22:13:12	2005-07-05T22:16:30			
Read mode	TIMED	TIMED			

2.3 Aspect



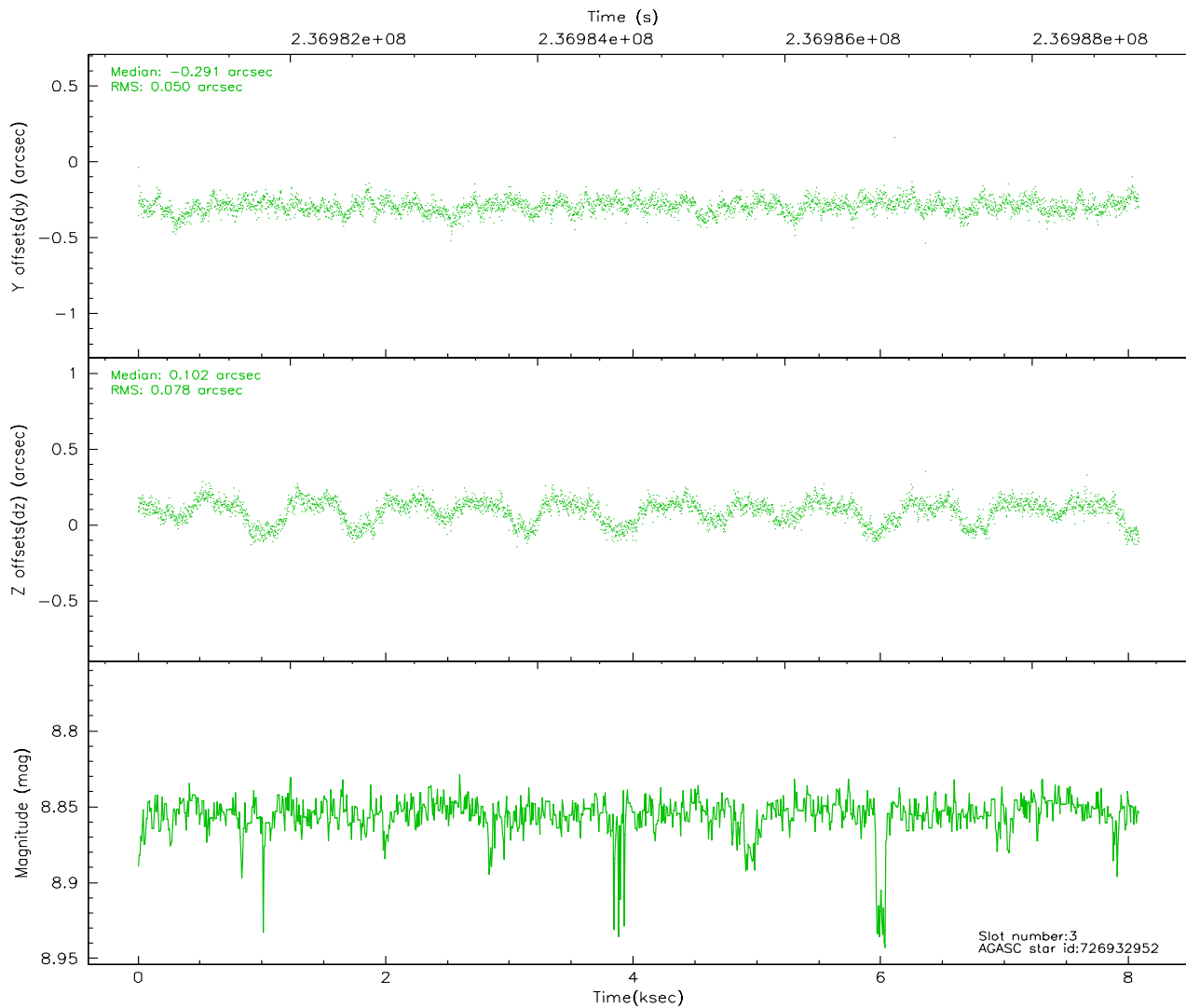
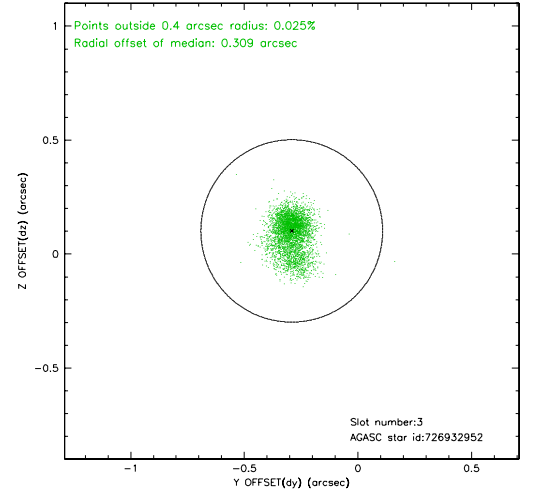
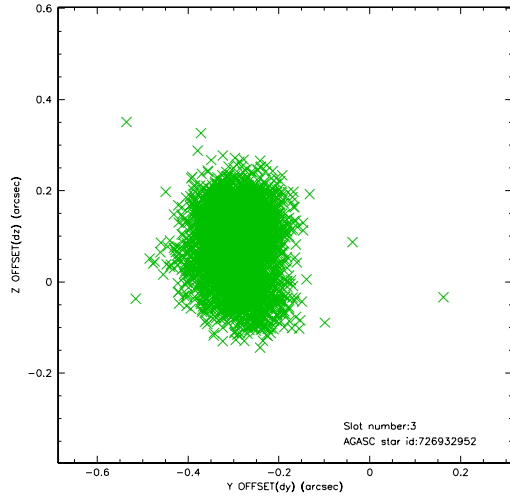


Slot Statistics

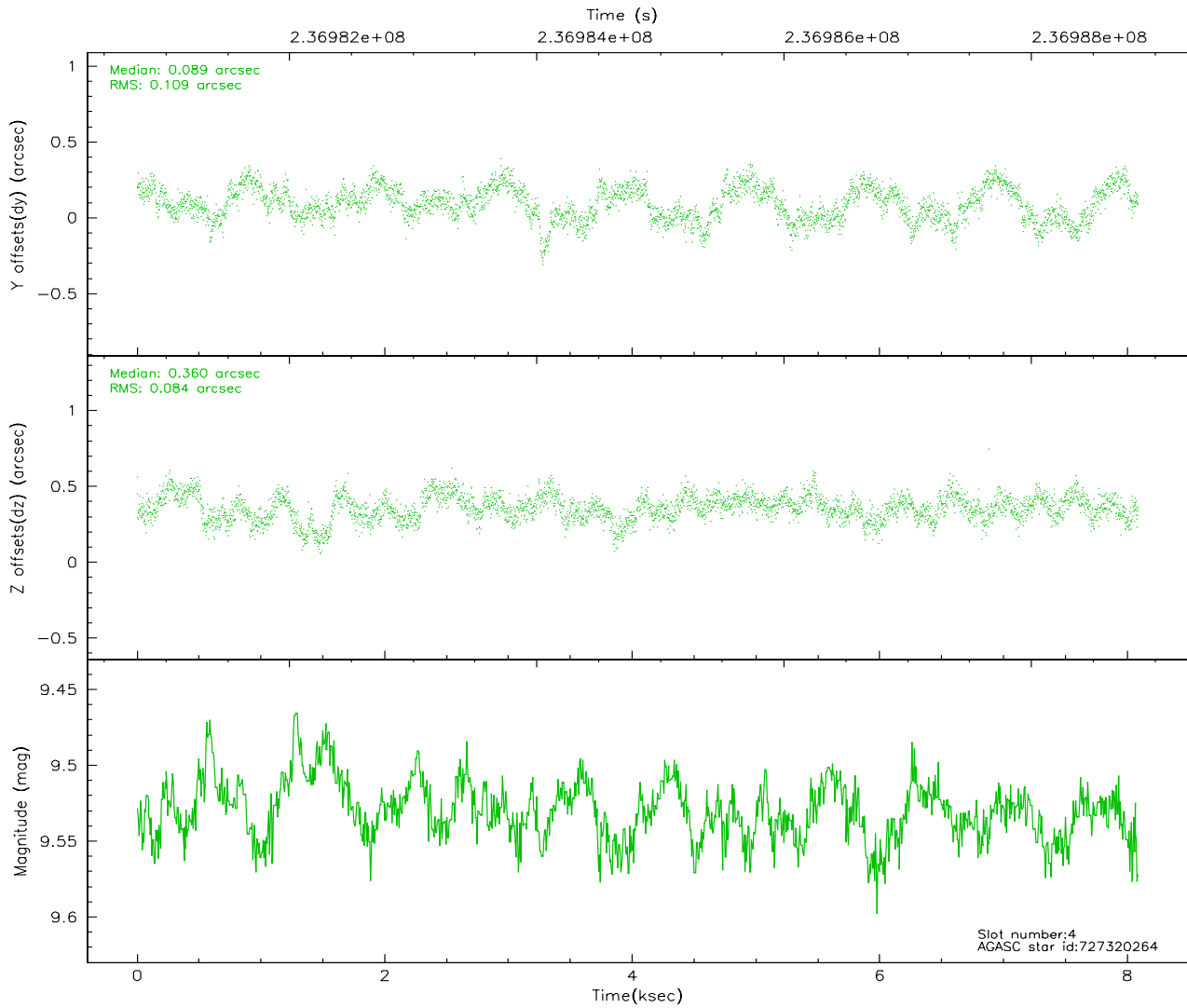
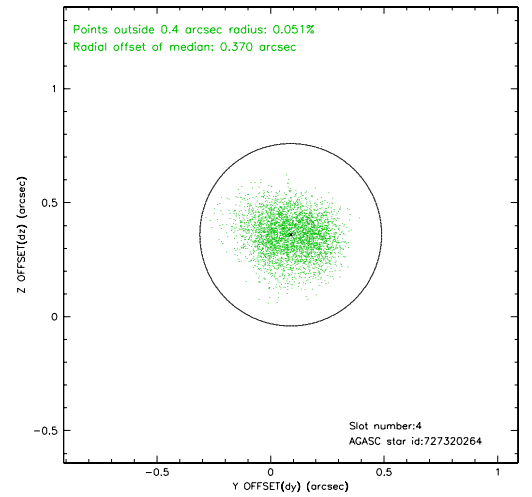
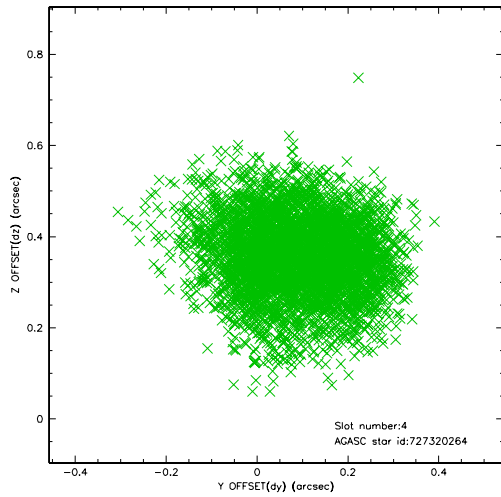
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1972	-0.057	-0.007	0.006	0.011	0.000000	0.000000	-759.64	-1731.54
1	FID	ACIS-S-4	7.21	1973	0.074	0.029	0.005	0.008	0.000000	0.000000	2153.41	176.32
2	FID	ACIS-S-5	7.23	1973	-0.048	-0.014	0.006	0.010	0.000000	0.000000	-1811.62	170.65
3	GUIDE	726932952	8.85	3942	-0.291	0.102	0.095	0.170	205.485641	-9.671333	-2301.36	163.60
4	GUIDE	727320264	9.53	3938	0.089	0.360	0.148	0.230	205.464326	-10.871323	1756.71	1646.81
5	GUIDE	727320968	9.34	3943	-0.185	0.087	0.129	0.197	205.790359	-10.593418	409.55	2363.81
6	GUIDE	727321088	9.45	3943	0.371	-0.509	0.115	0.176	204.964296	-10.686432	1773.90	-243.06
7	GUIDE	727320712	10.42	3897	0.027	-0.043	0.306	0.460	204.468965	-10.254166	957.70	-2440.98

2.4 Star Slots

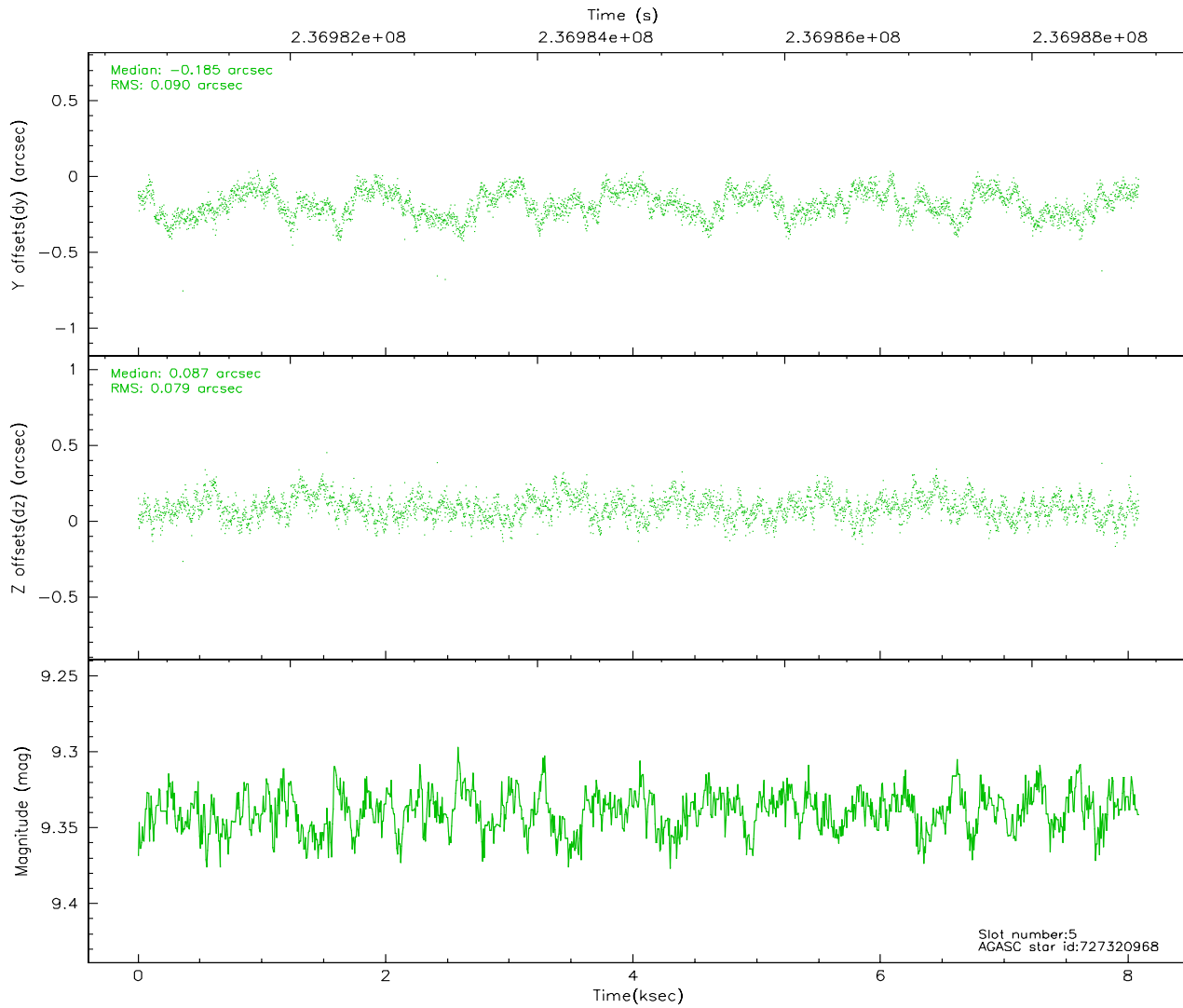
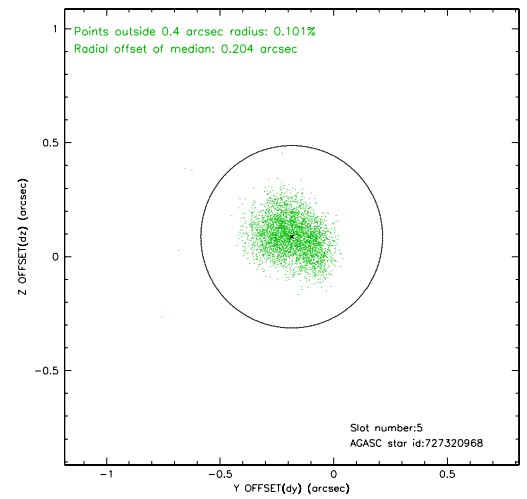
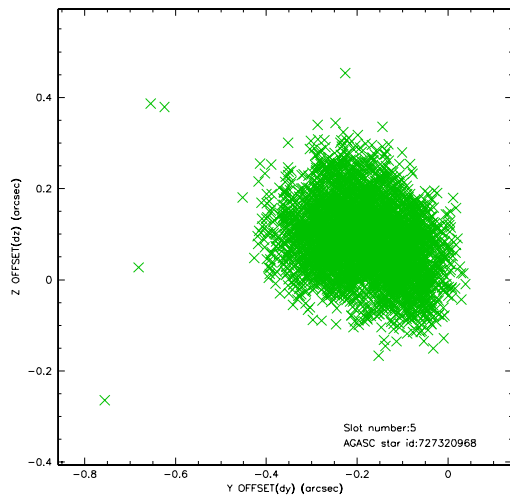
2.4.1 Slot 3



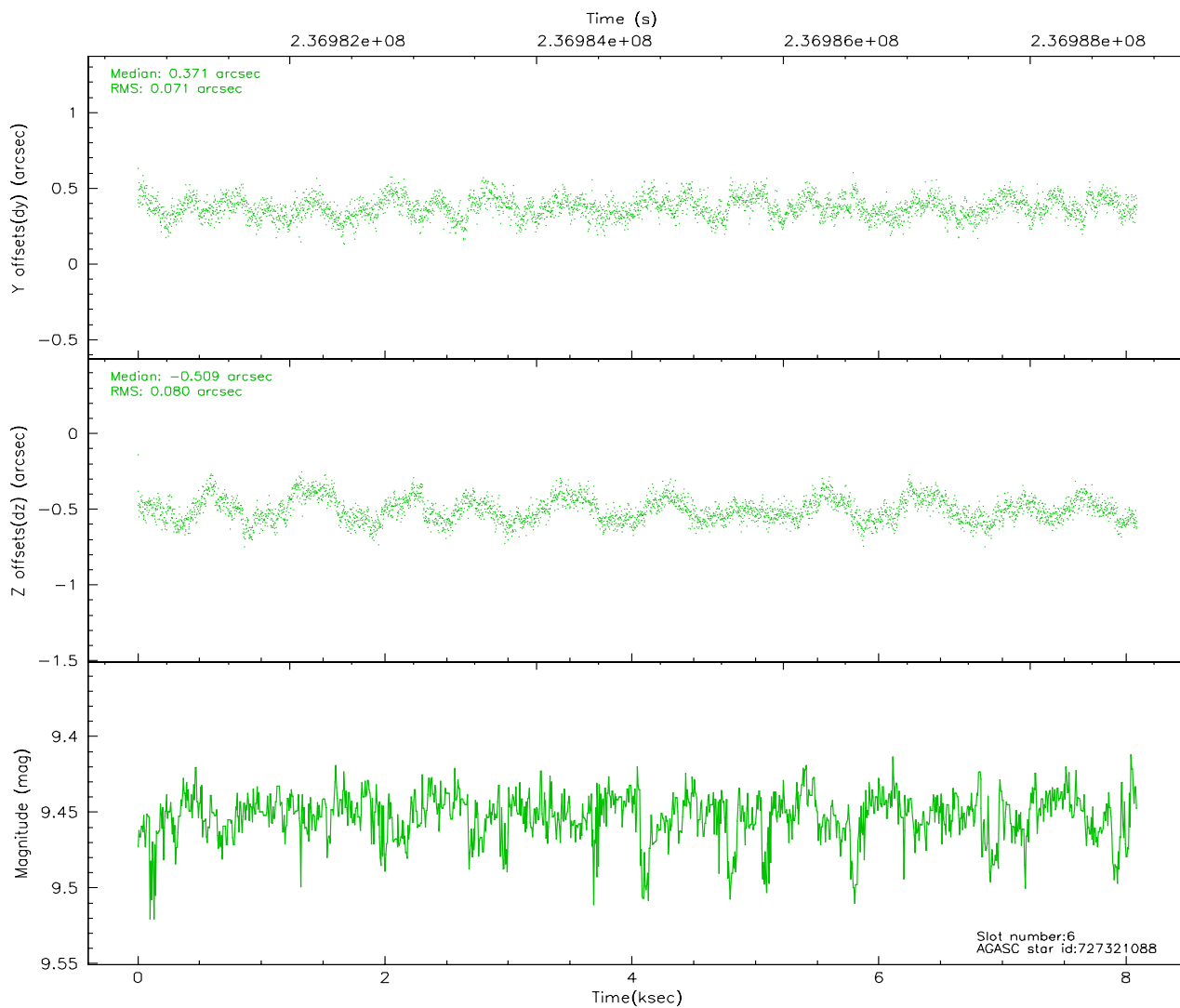
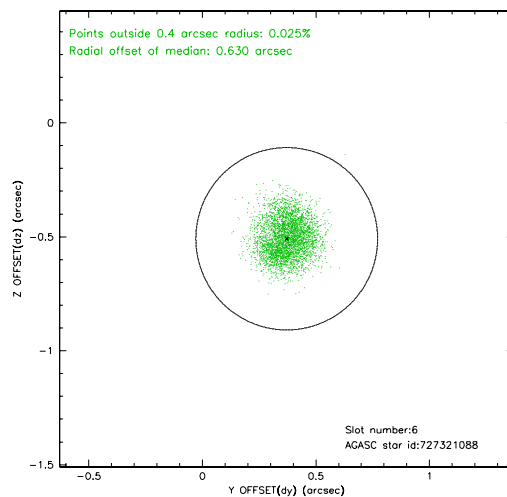
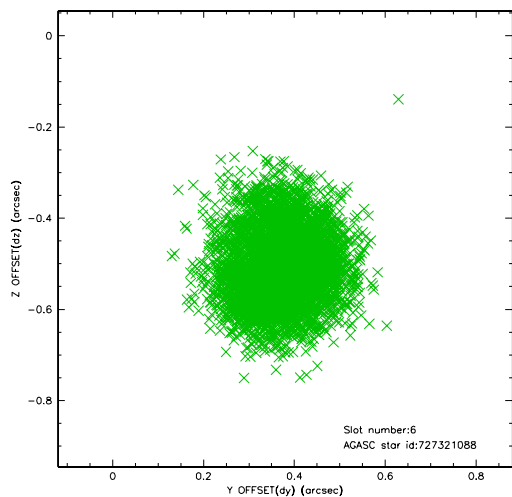
2.4.2 Slot 4



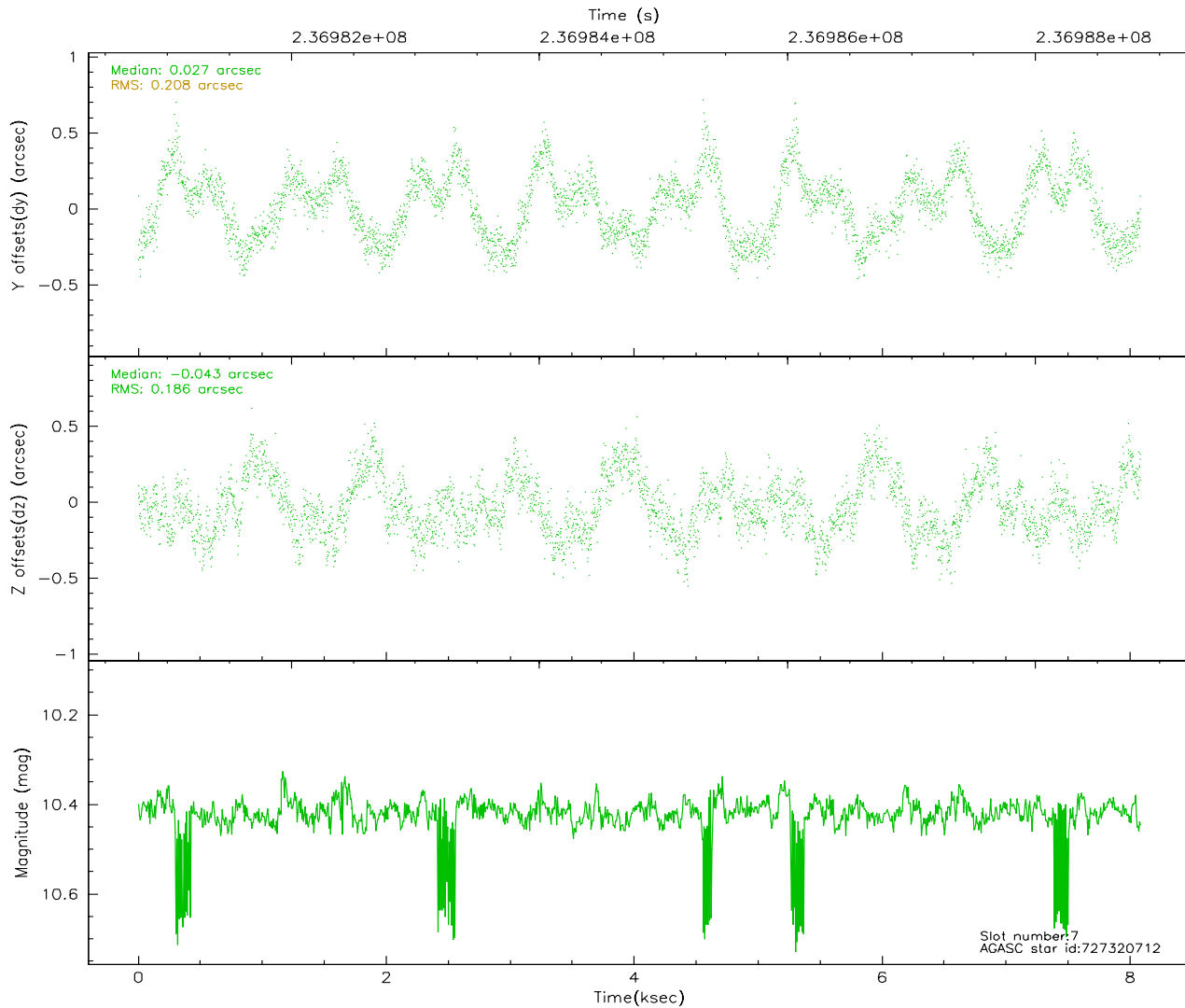
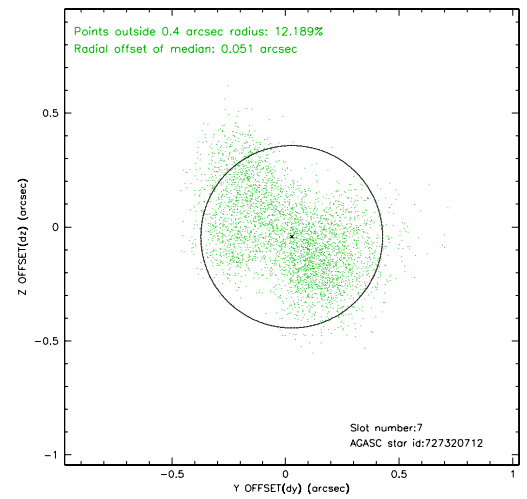
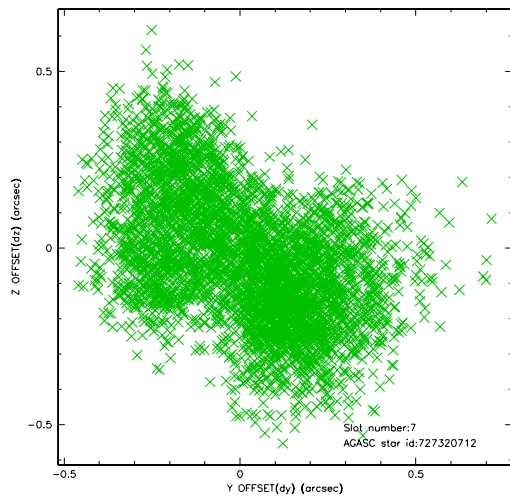
2.4.3 Slot 5



2.4.4 Slot 6

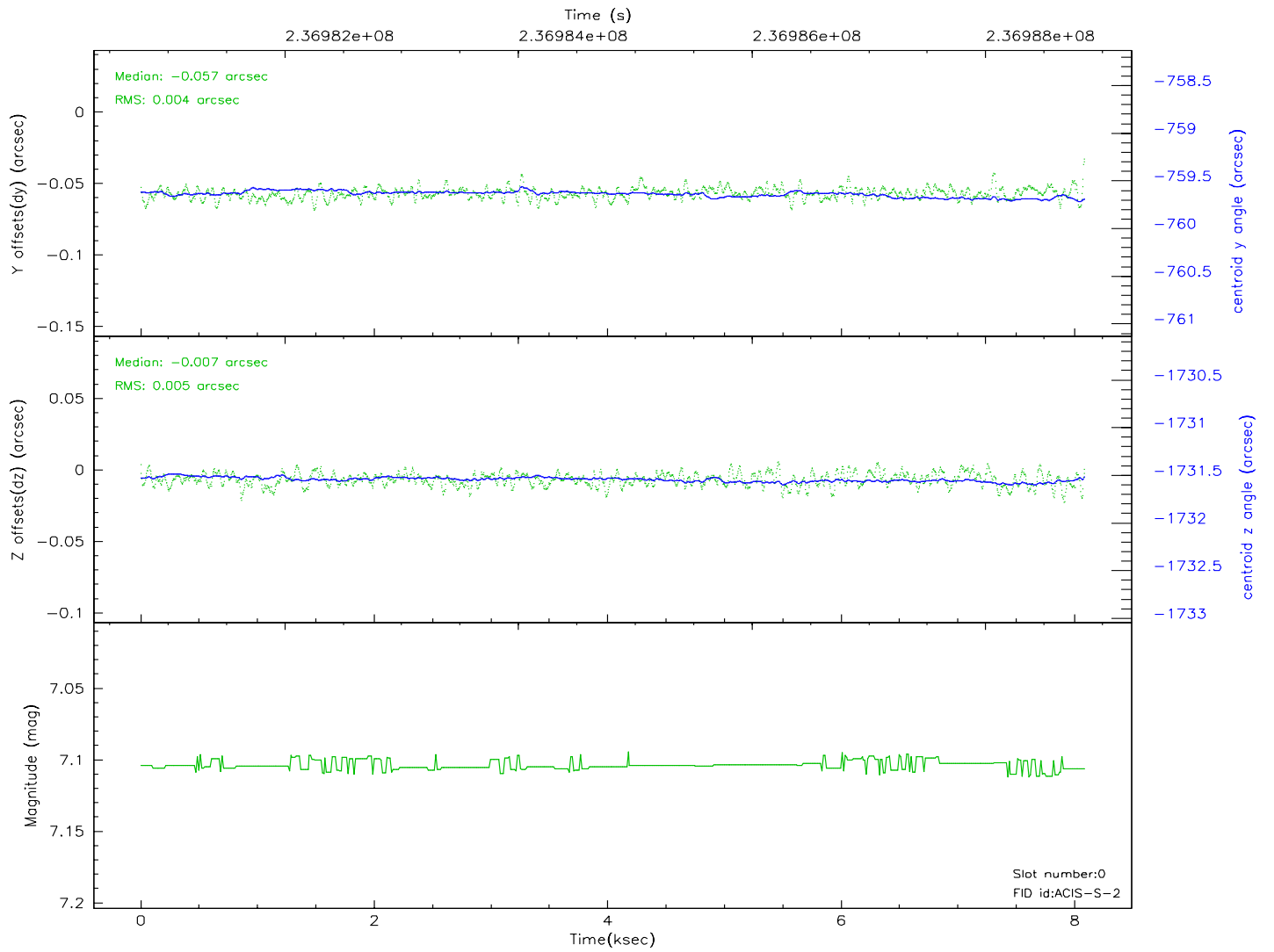
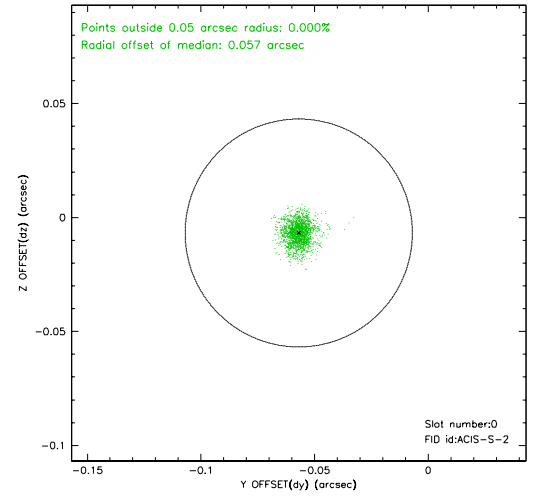
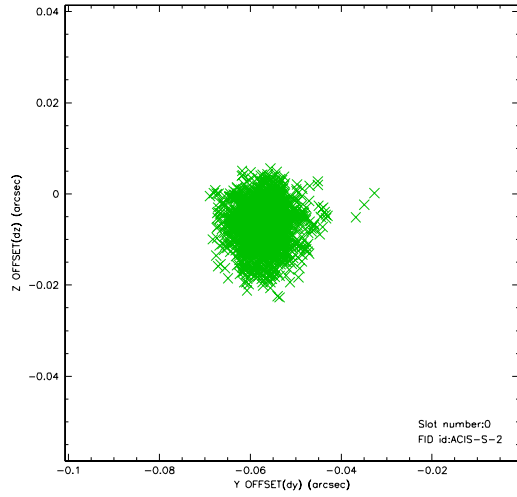


2.4.5 Slot 7

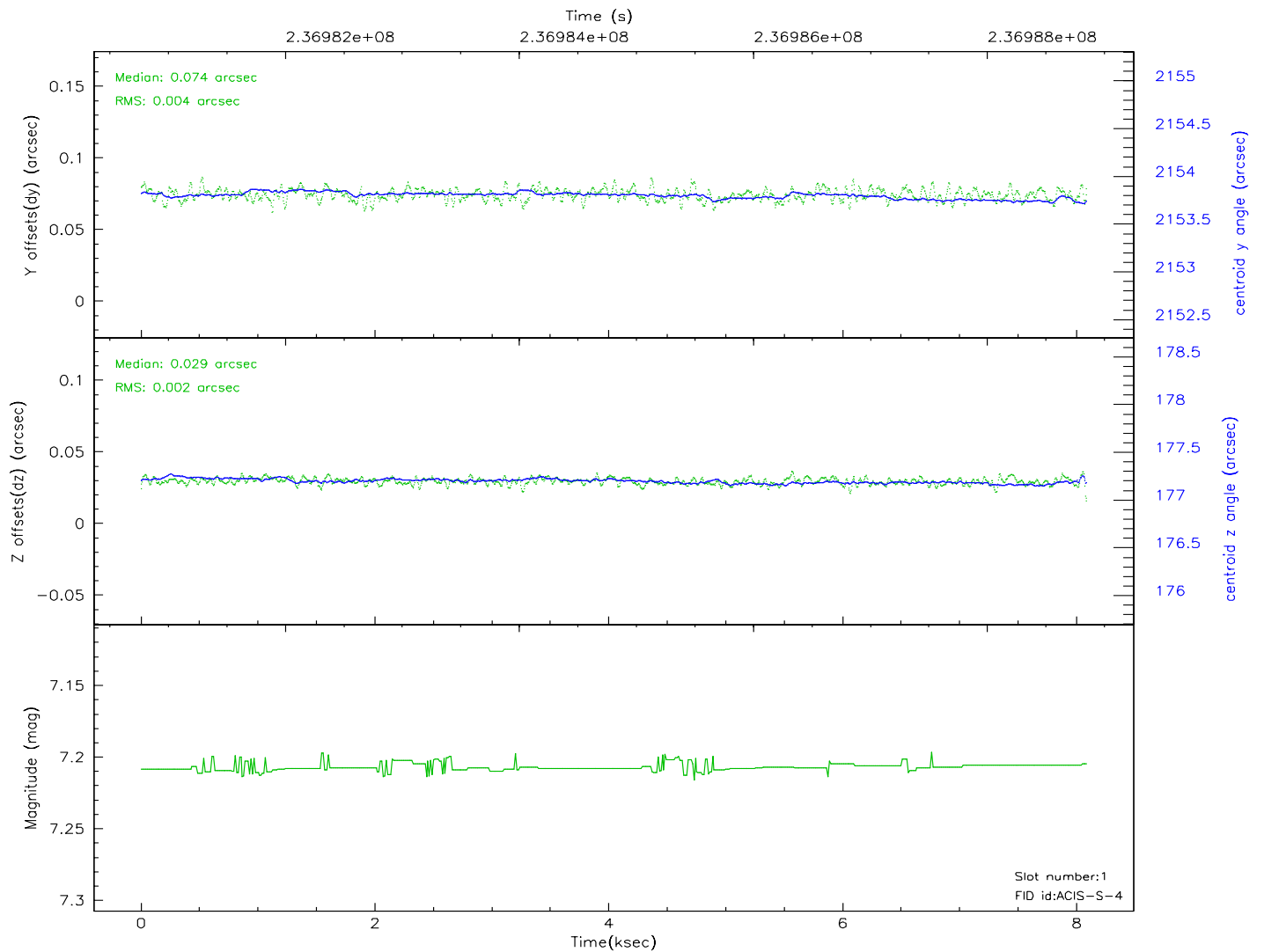
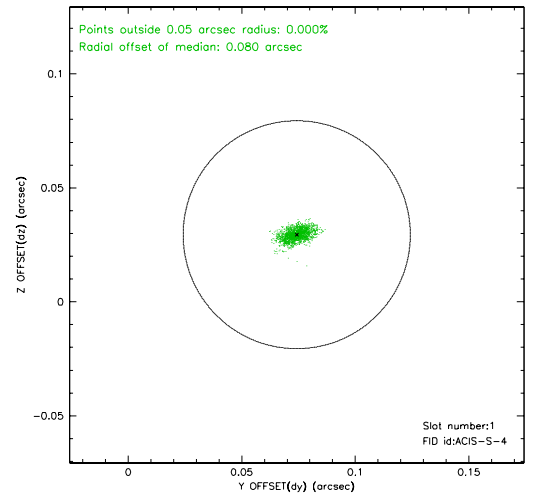
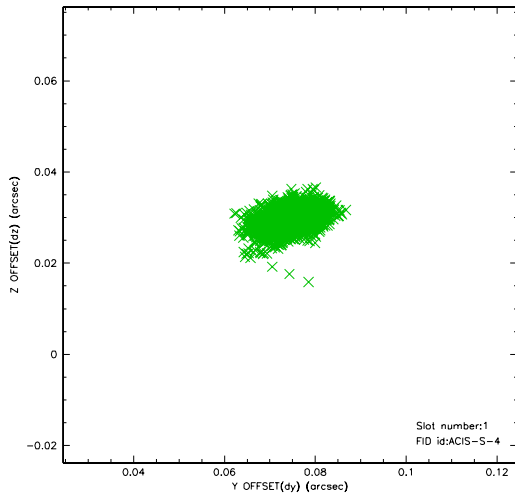


2.5 FID Slots

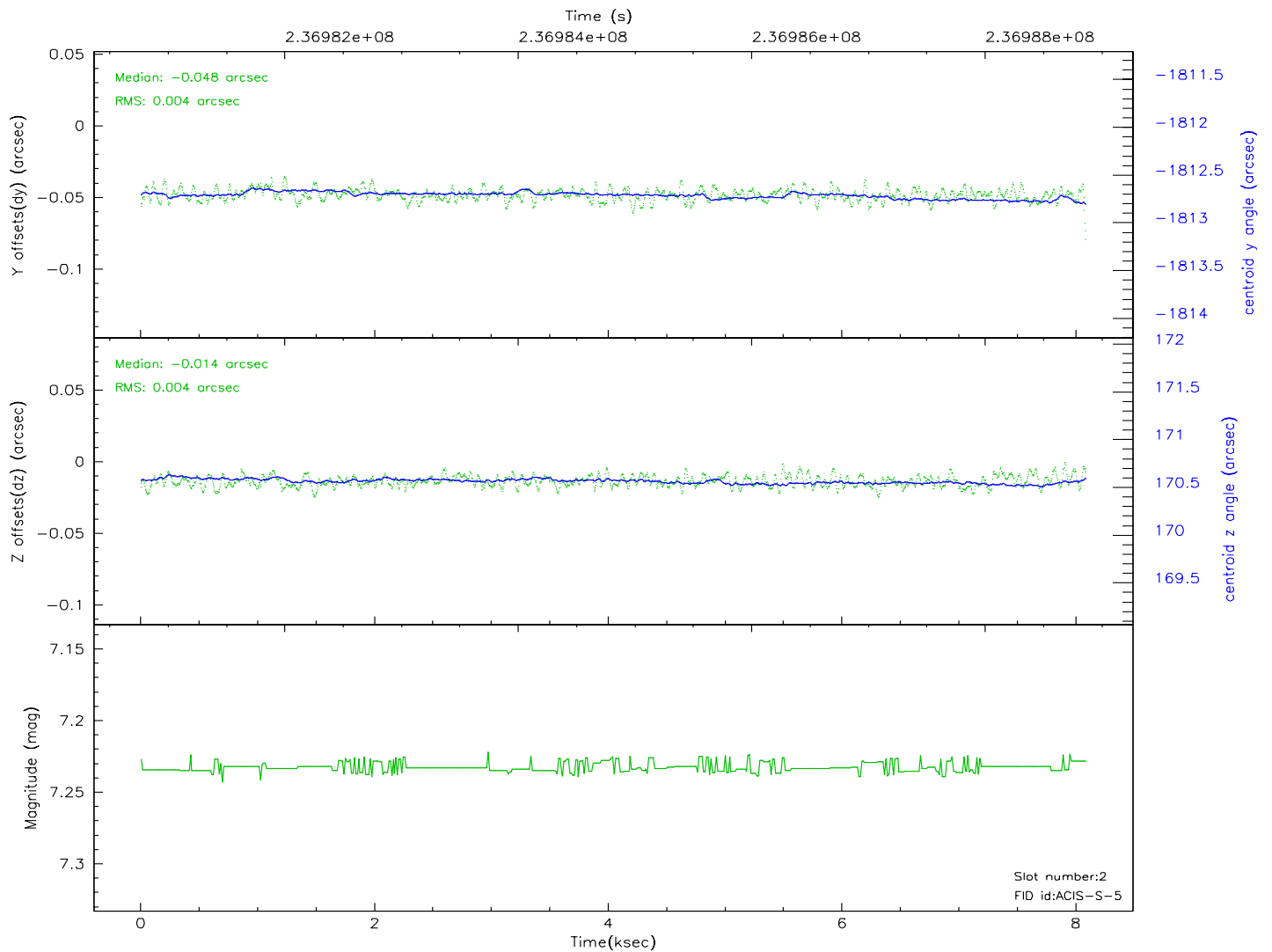
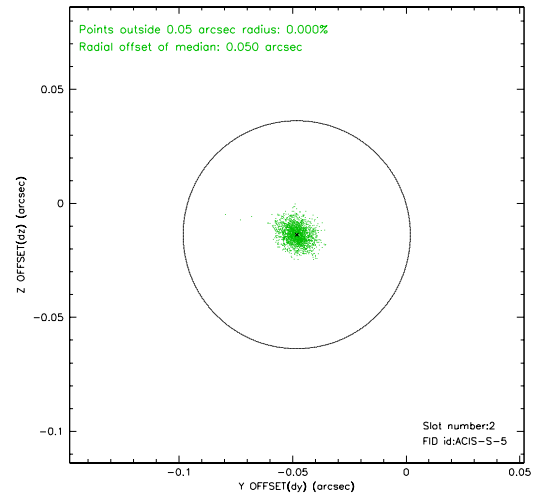
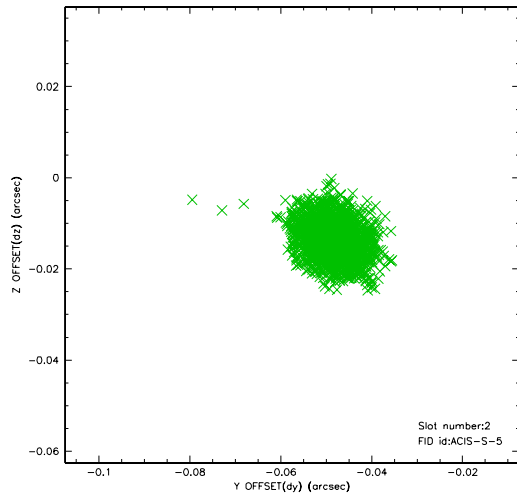
2.5.1 Slot 0



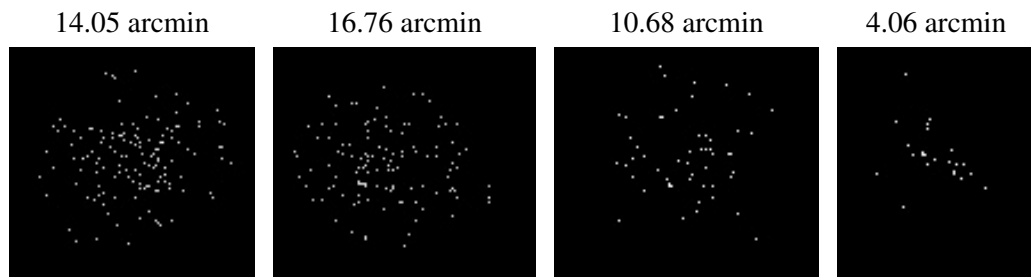
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.086399

A.2 Comments

Comments for Obi 0

Star in slot 7 has an RMS deviation > 0.200000 arcsec

Withing aspect spec.

Window constraint met.