

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3787 - L2 Version 001
Chandra X-Ray Center

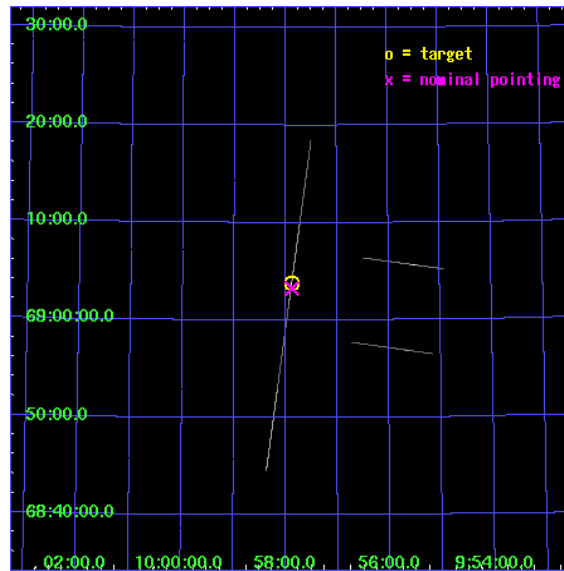
L2 Processing Date : Aug 7 2006

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1 Front

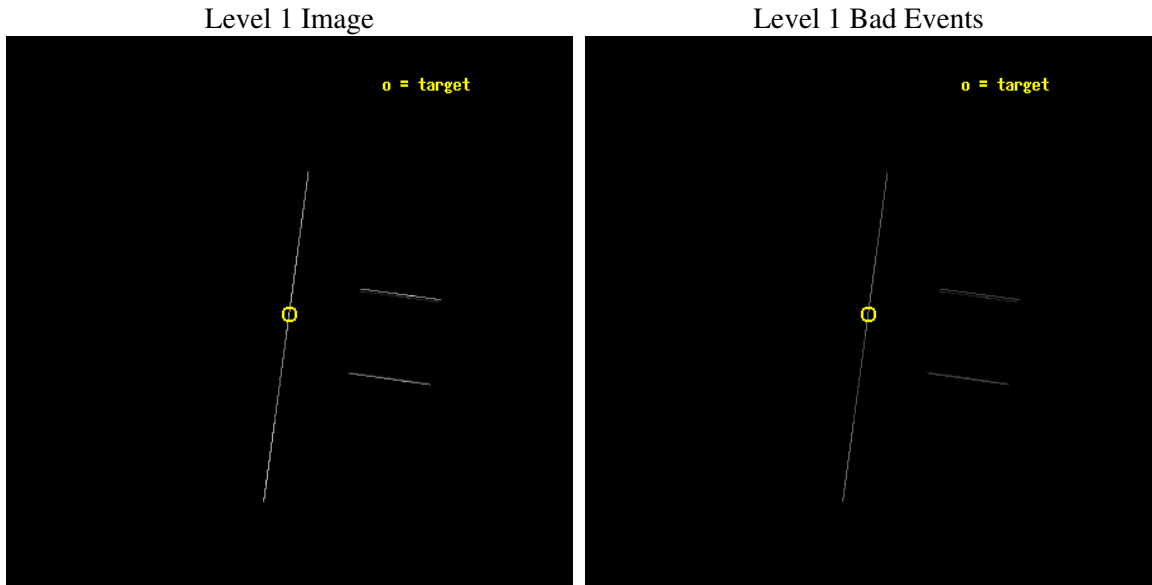
seq_num	400274
obs_id	3787
title	MONITORING THE SPECTRAL VARIABILITY OF THE ULTRALUMINOUS X-RAY SOURCE IN HOLMBERG IX
observer	Dr. Patrick Slane
object	1E0953.8+6918
ra_targ	149.470833
dec_targ	69.064167
ra_nom	149.46964785183
dec_nom	69.05453381031
roll_nom	277.77951114881
revision	2
ontime	15336.5
livetime	15276.591796875
ontime2	15336.5
ontime3	15336.5
ontime5	15336.5
ontime6	15336.5
ontime7	15336.5
ontime8	15336.5
l2events	208844



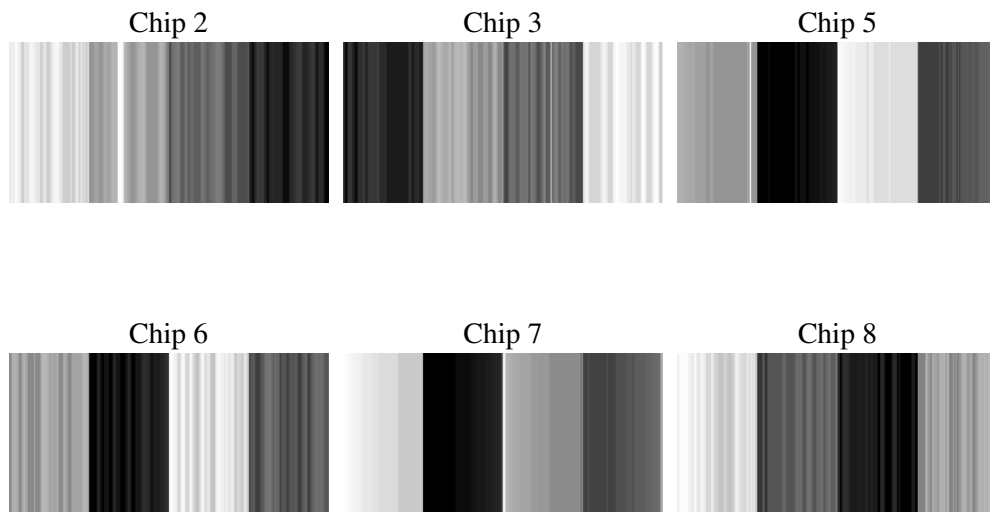
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-07T17:06:48
revision	2

sched_exp_time	15200.000000
ontime	16479.987678319
ontime2	16481.437001109
ontime3	16482.942844182
ontime5	16482.905671716
ontime6	16482.905567408
ontime7	16479.987678319
ontime8	16482.905371159
l1events	309839

2.1.4 Events

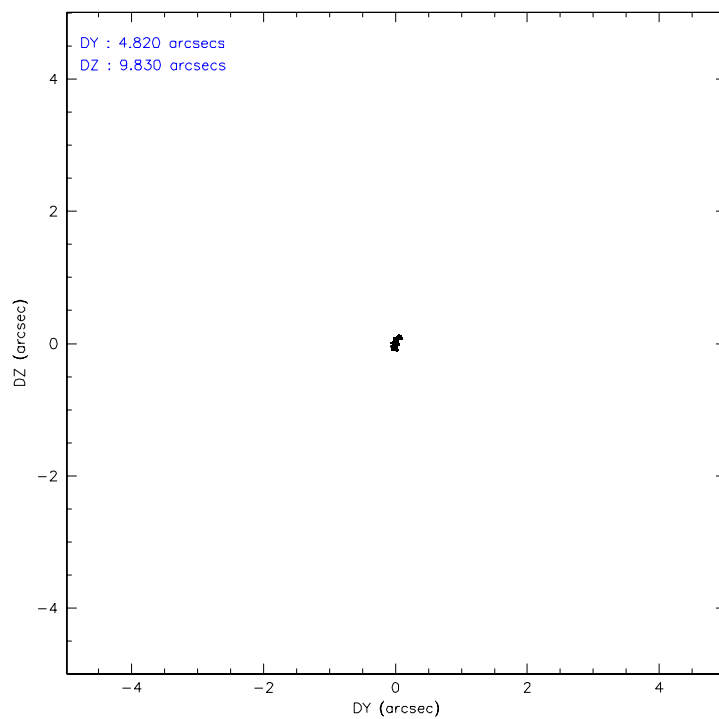
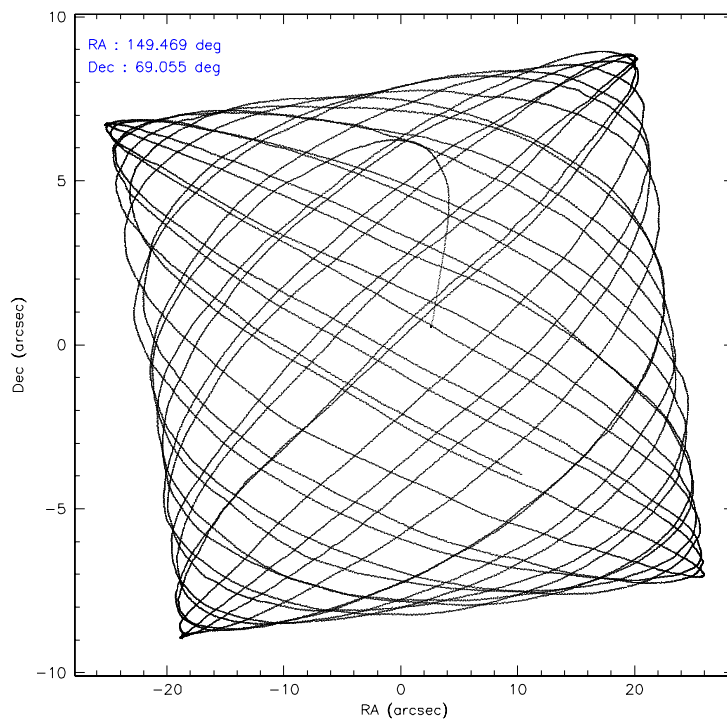
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22934	42315	97397	21649	84175	41369
rejected events	5002	5226	14344	5350	13860	8036
rejected %	21%	12%	14%	24%	16%	19%

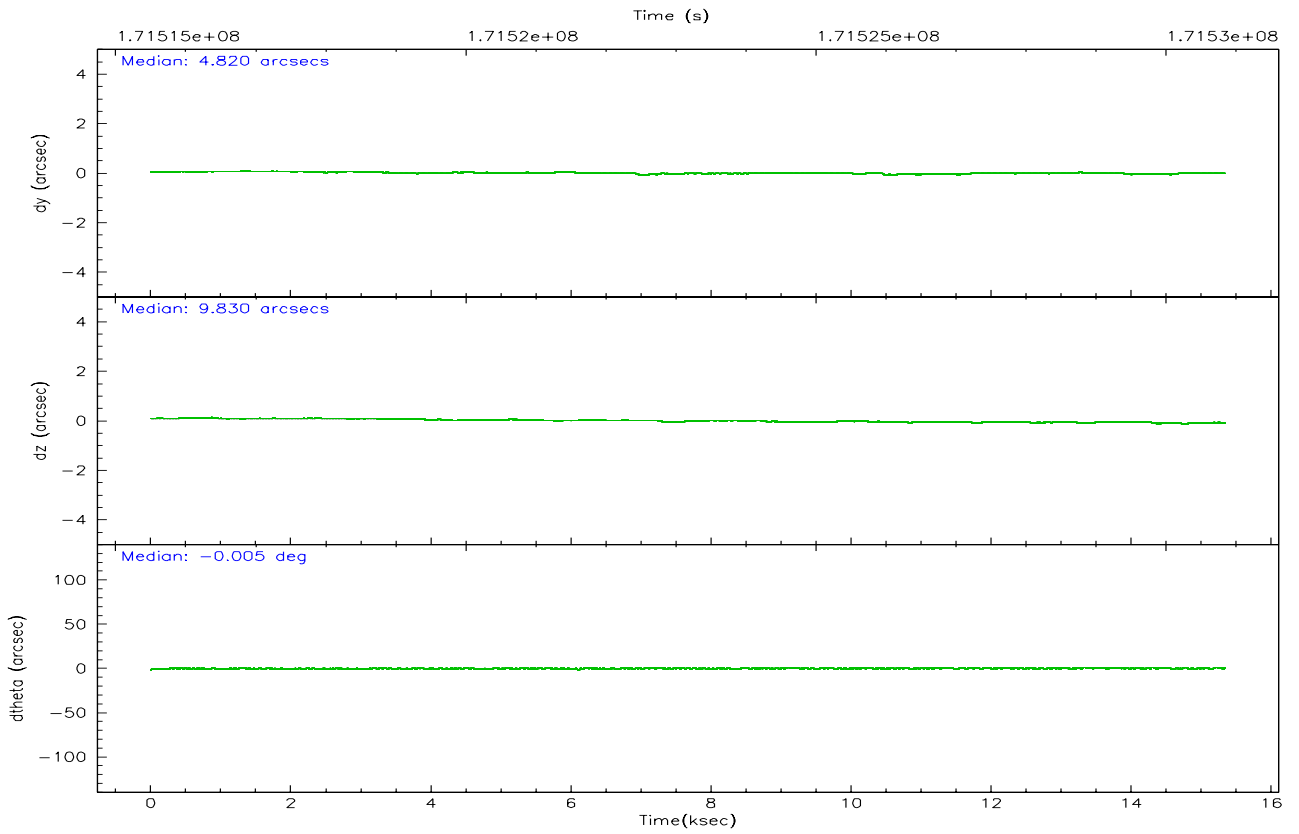
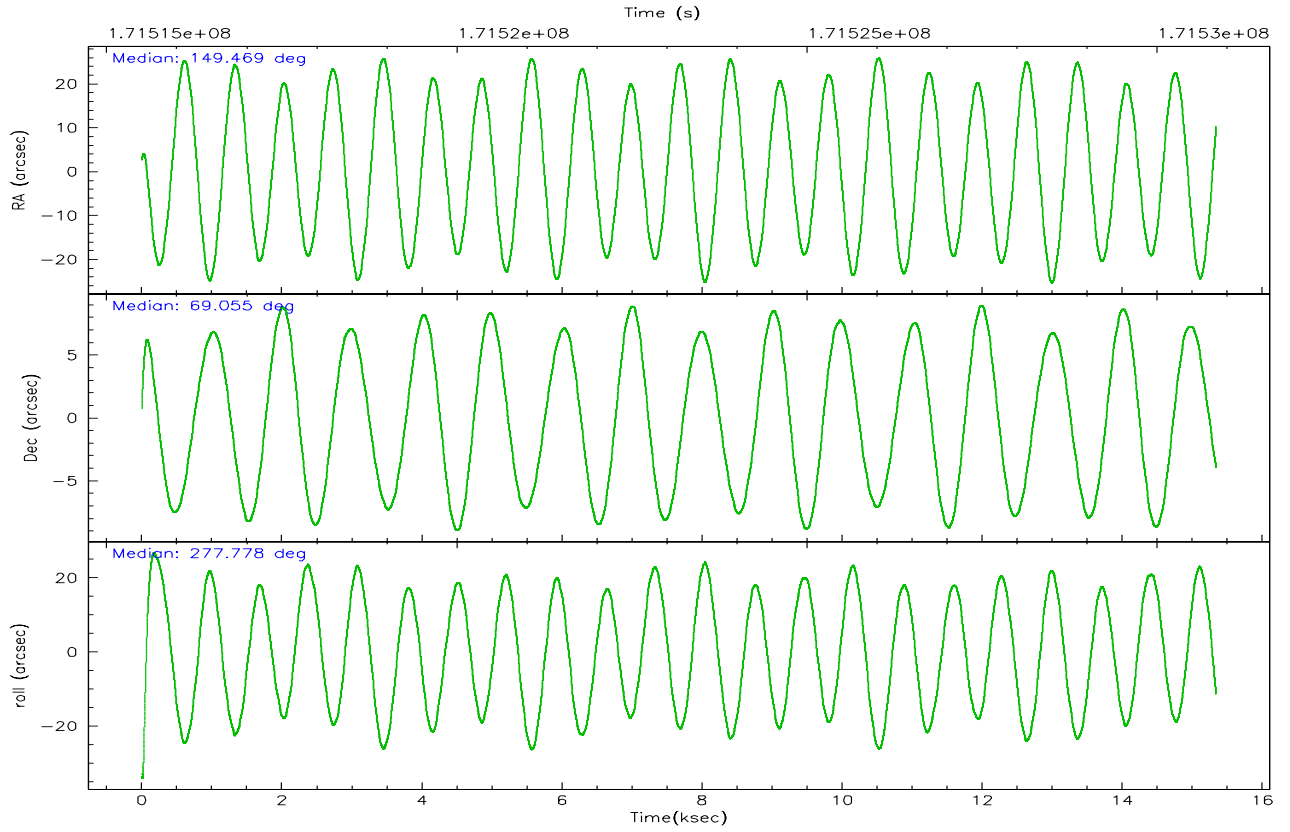
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2439	2912	20136	2056	8818	6857
	10%	6%	20%	9%	10%	16%
grade 1 events	81	78	98	76	109	136
	0%	0%	0%	0%	0%	0%
grade 2 events	8712	25850	23506	6761	19741	11218
	37%	61%	24%	31%	23%	27%
grade 3 events	2270	2606	1521	2287	4350	4140
	9%	6%	1%	10%	5%	10%
grade 4 events	2189	2148	1432	2225	4265	4169
	9%	5%	1%	10%	5%	10%
grade 5 events	3694	3838	7835	4044	9725	5538
	16%	9%	8%	18%	11%	13%
grade 6 events	3549	4883	42869	4200	37167	9311
	15%	11%	44%	19%	44%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	149.422223	149.4696478518343	Alternating exposures requested	N	N
Pointing Dec	69.075787	69.05453381031012	Primary exposure time	0.000000	0
Pointing Roll	277.667217	277.7795111488145			
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	171515650.184000	171514370.55903			
Observation start date	2003-06-09T03:13:06	2003-06-09T02:52:50			
Observation end time	171530850.184000	171531749.43477			
Observation end date	2003-06-09T07:26:26	2003-06-09T07:42:29			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



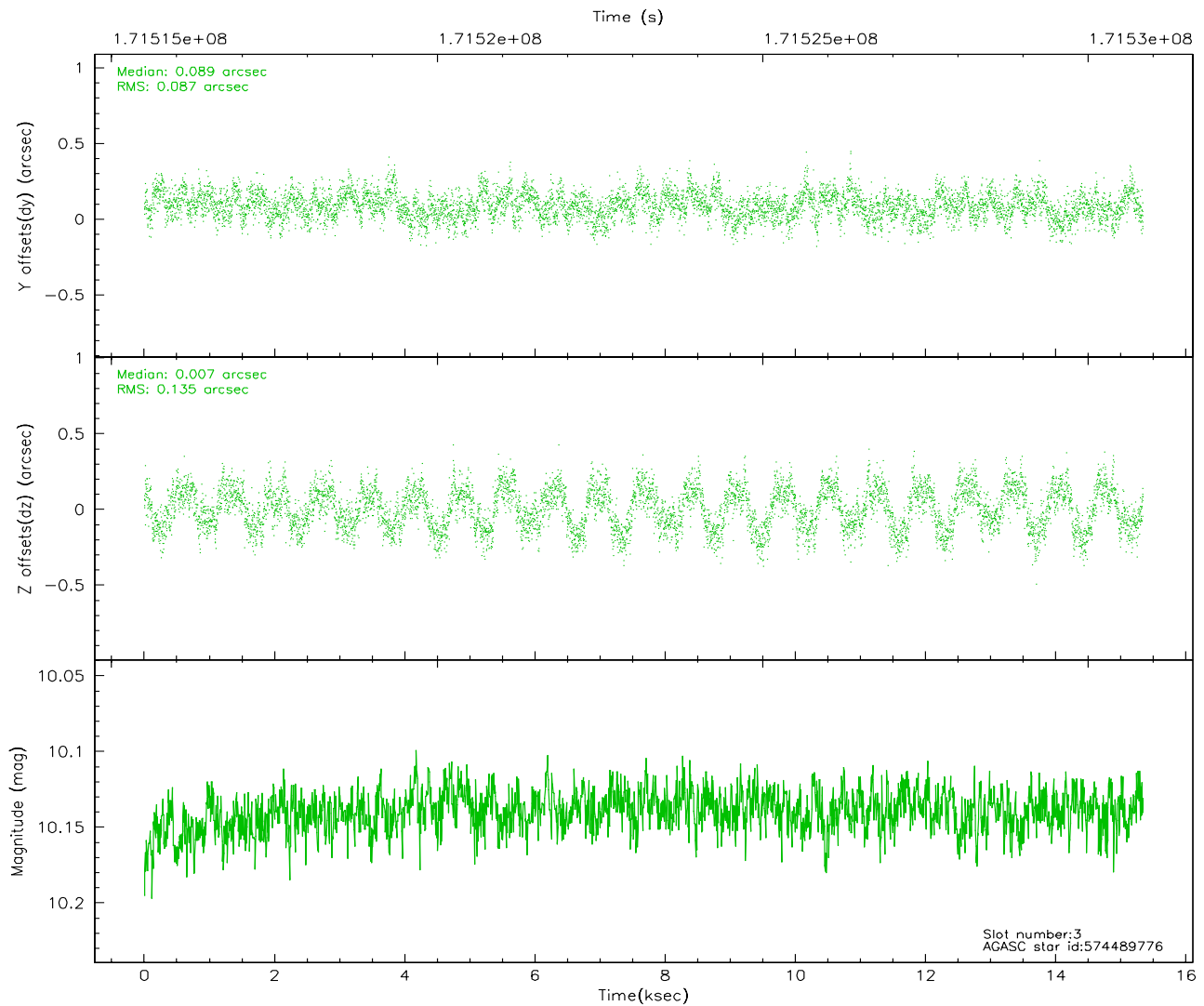
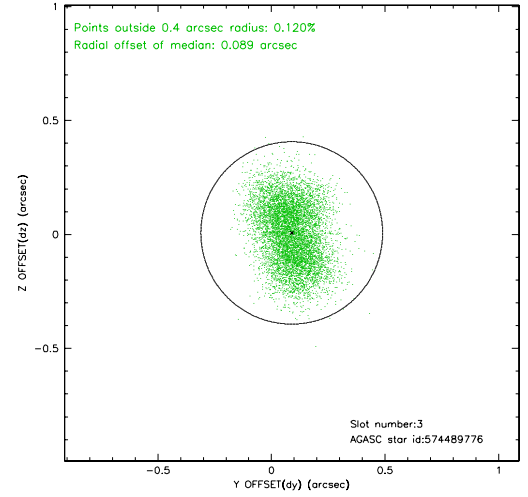
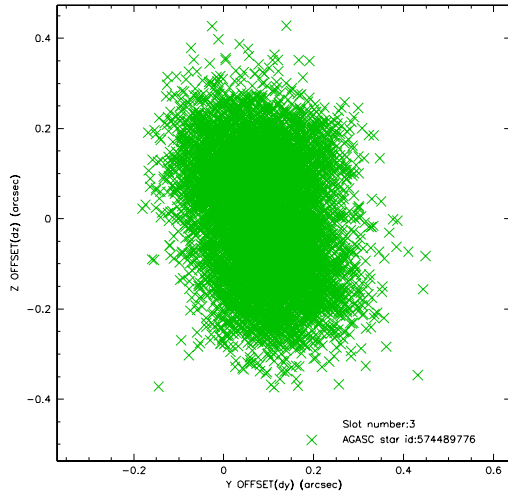


Slot Statistics

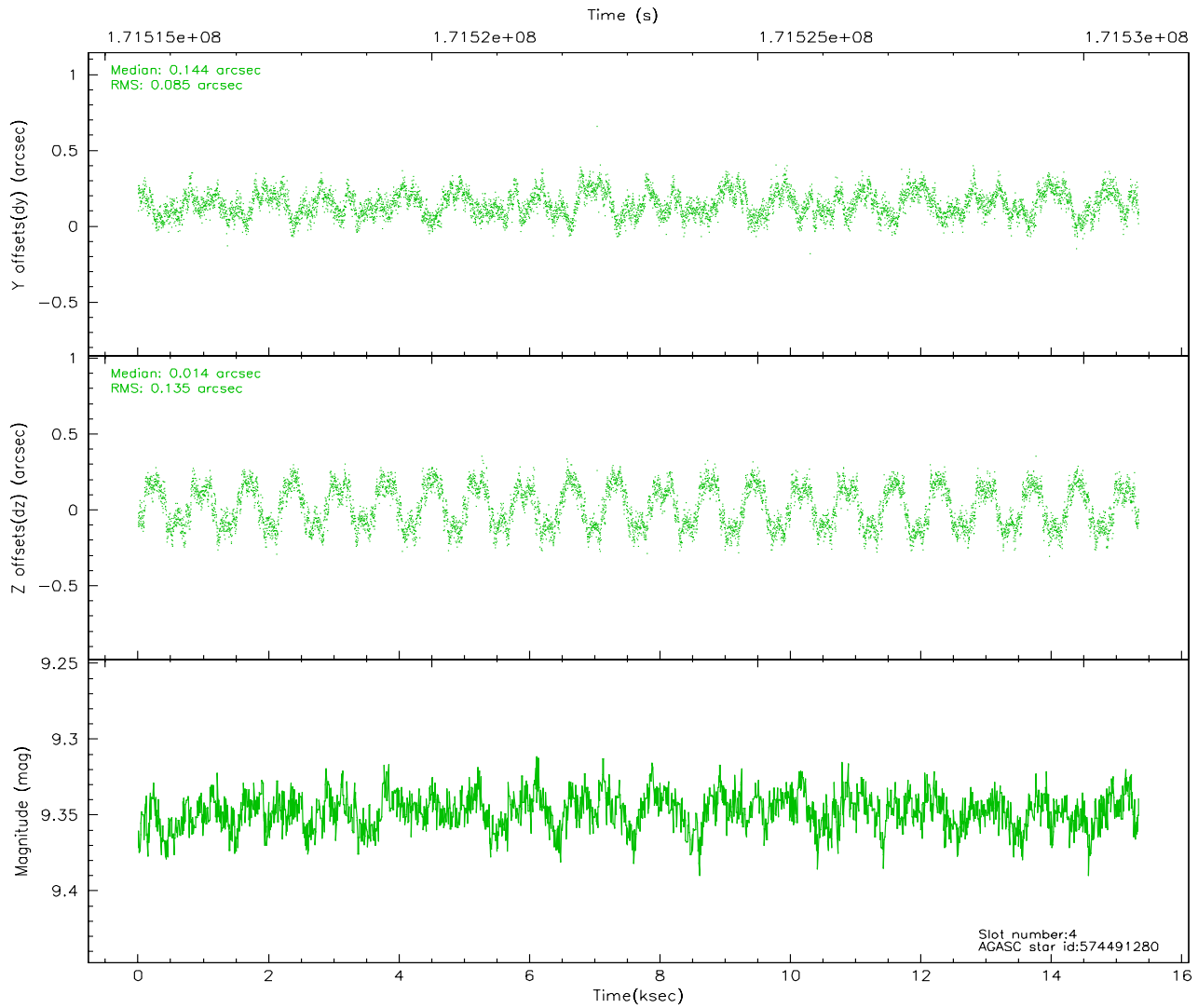
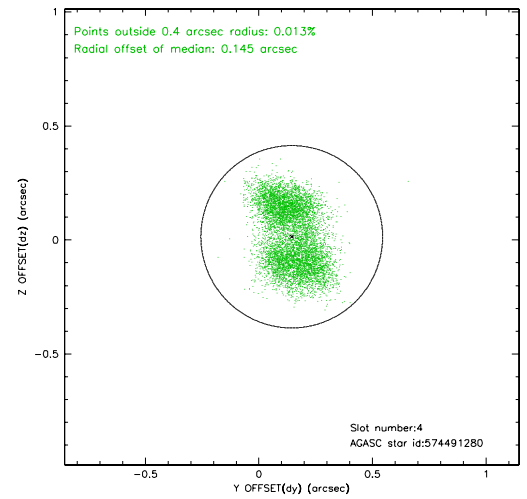
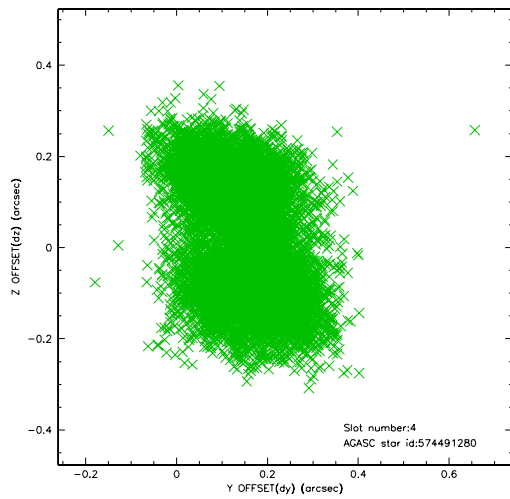
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3742	-0.041	0.004	0.007	0.010	0.000000	0.000000	-757.53	-1731.03
1	FID	ACIS-S-4	7.21	3740	0.030	0.019	0.005	0.009	0.000000	0.000000	2155.66	177.21
2	FID	ACIS-S-5	7.23	3743	-0.020	-0.014	0.006	0.010	0.000000	0.000000	-1810.01	171.12
3	GUIDE	574489776	10.14	7469	0.089	0.007	0.174	0.268	148.323662	69.046710	-97.12	-1413.25
4	GUIDE	574491280	9.35	7470	0.144	0.014	0.175	0.251	148.611567	69.450135	-1478.32	-834.64
5	GUIDE	574496360	9.47	7477	0.057	0.103	0.092	0.153	150.806604	68.529829	2170.96	1548.91
6	GUIDE	574491712	9.91	7474	-0.228	-0.039	0.121	0.194	147.262590	69.570889	-2175.48	-2444.09
7	GUIDE	574490960	9.74	7478	-0.060	-0.086	0.110	0.179	148.185918	69.658768	-2301.86	-1251.15

2.4 Star Slots

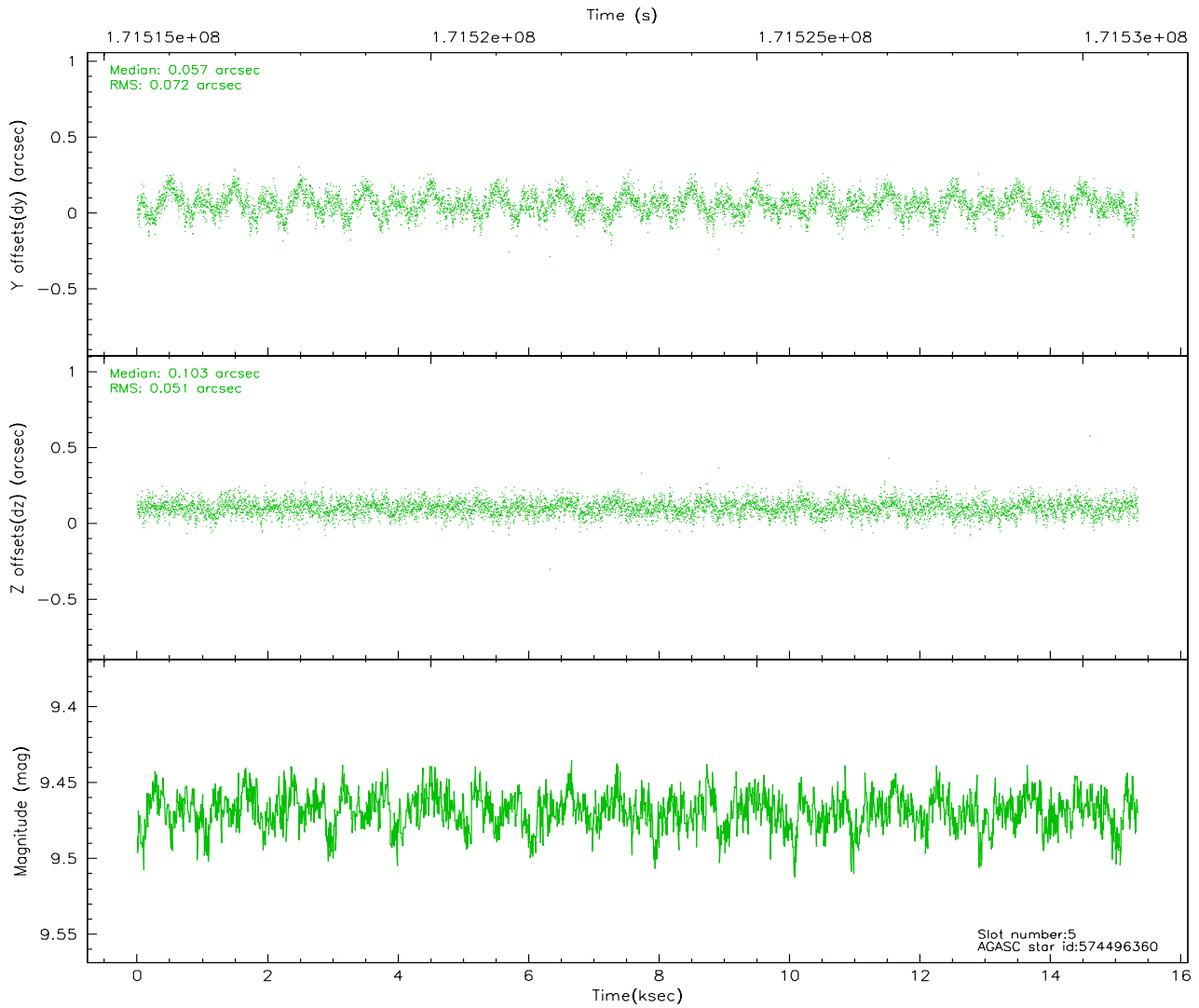
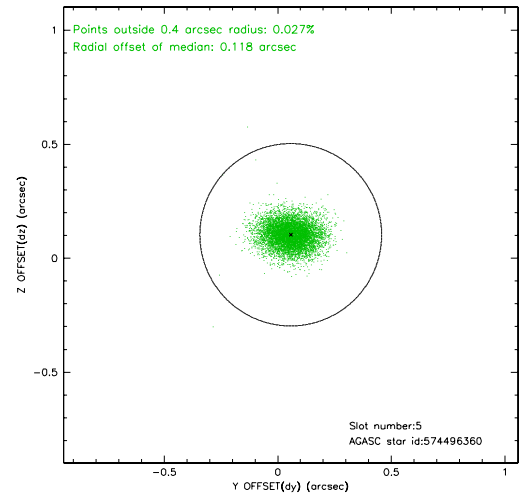
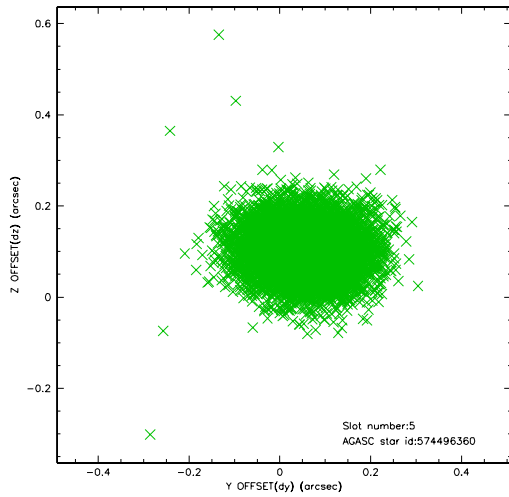
2.4.1 Slot 3



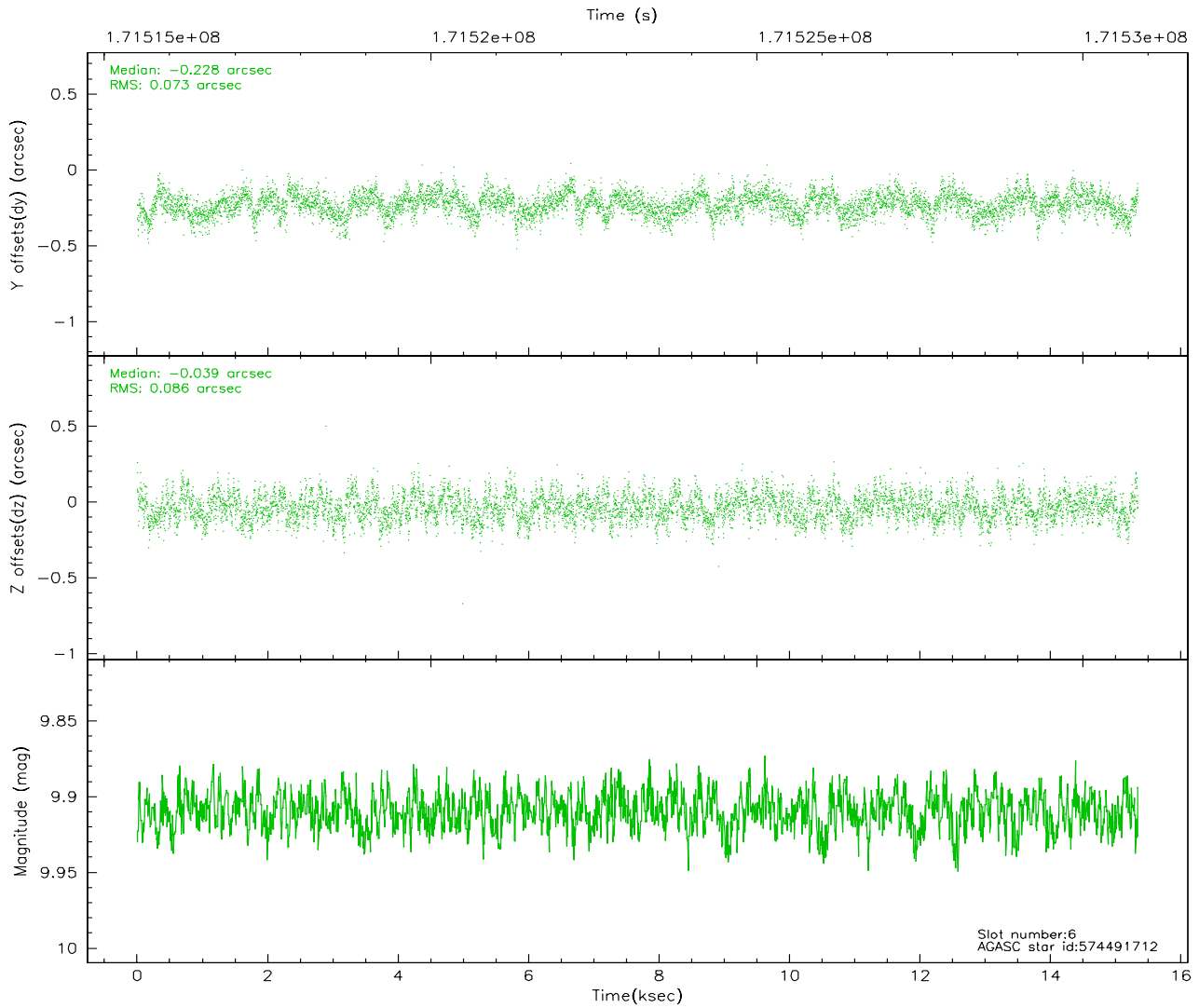
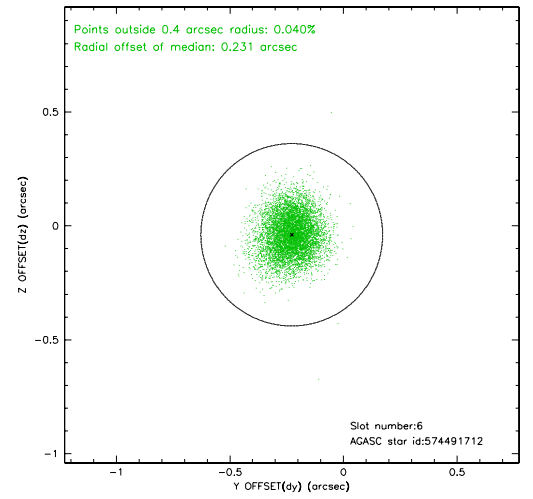
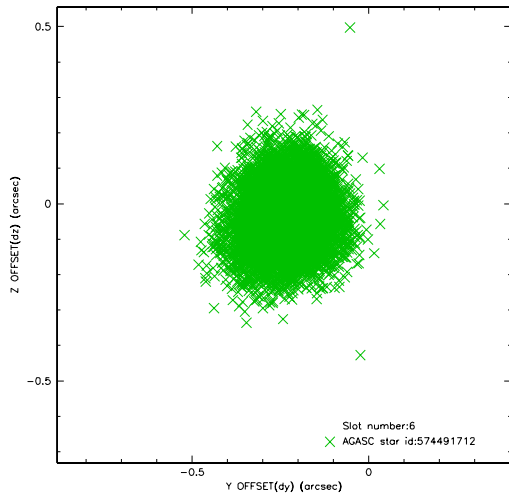
2.4.2 Slot 4



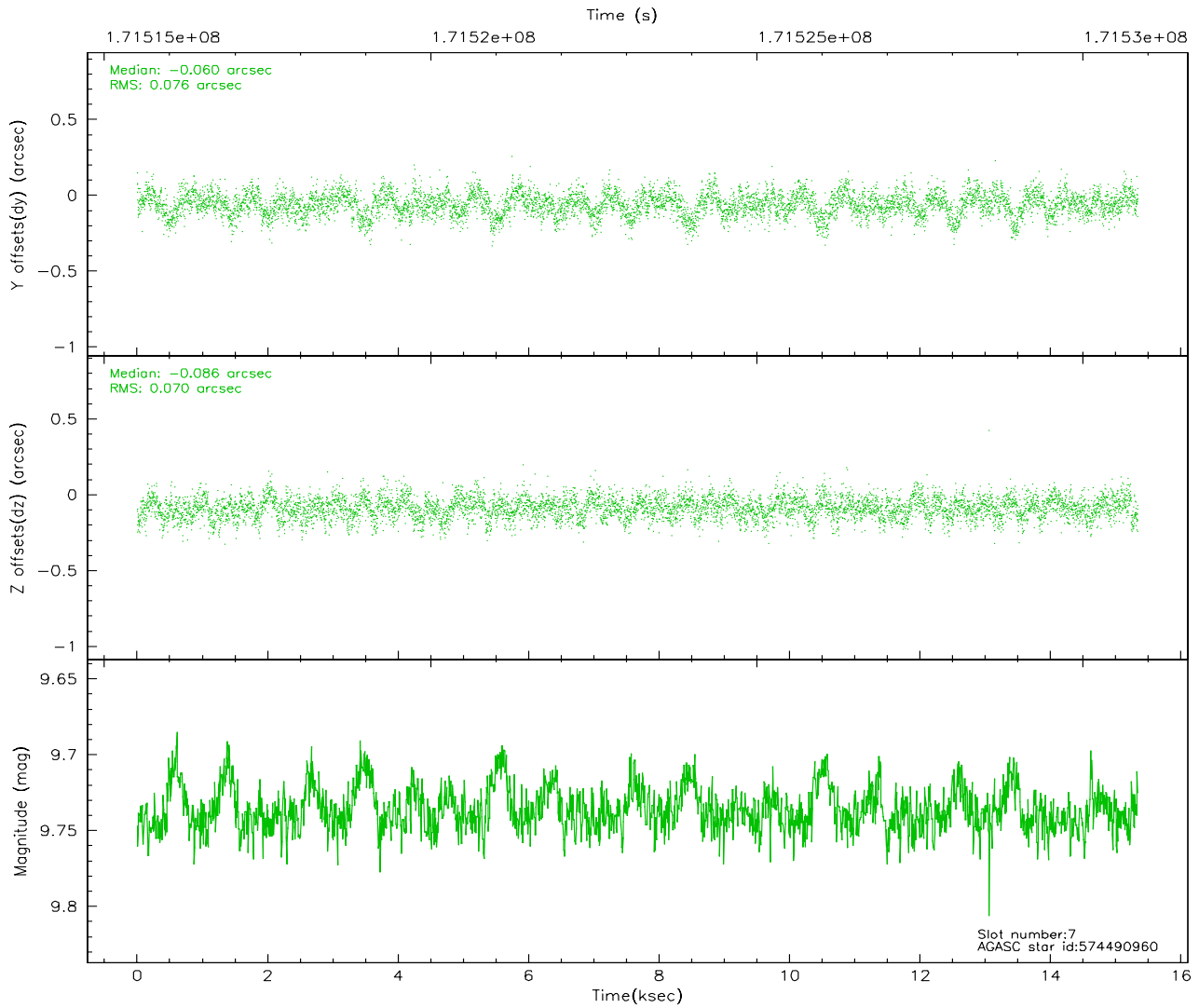
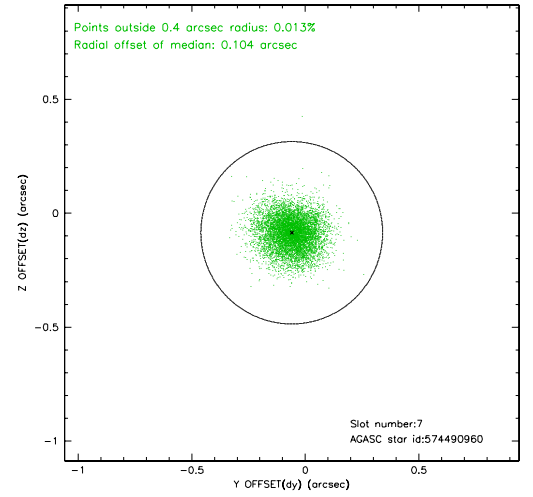
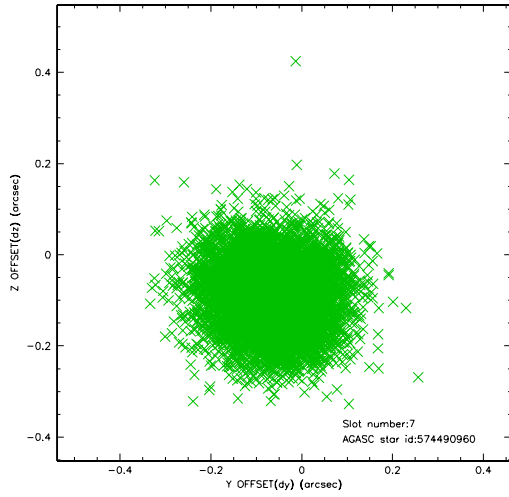
2.4.3 Slot 5



2.4.4 Slot 6

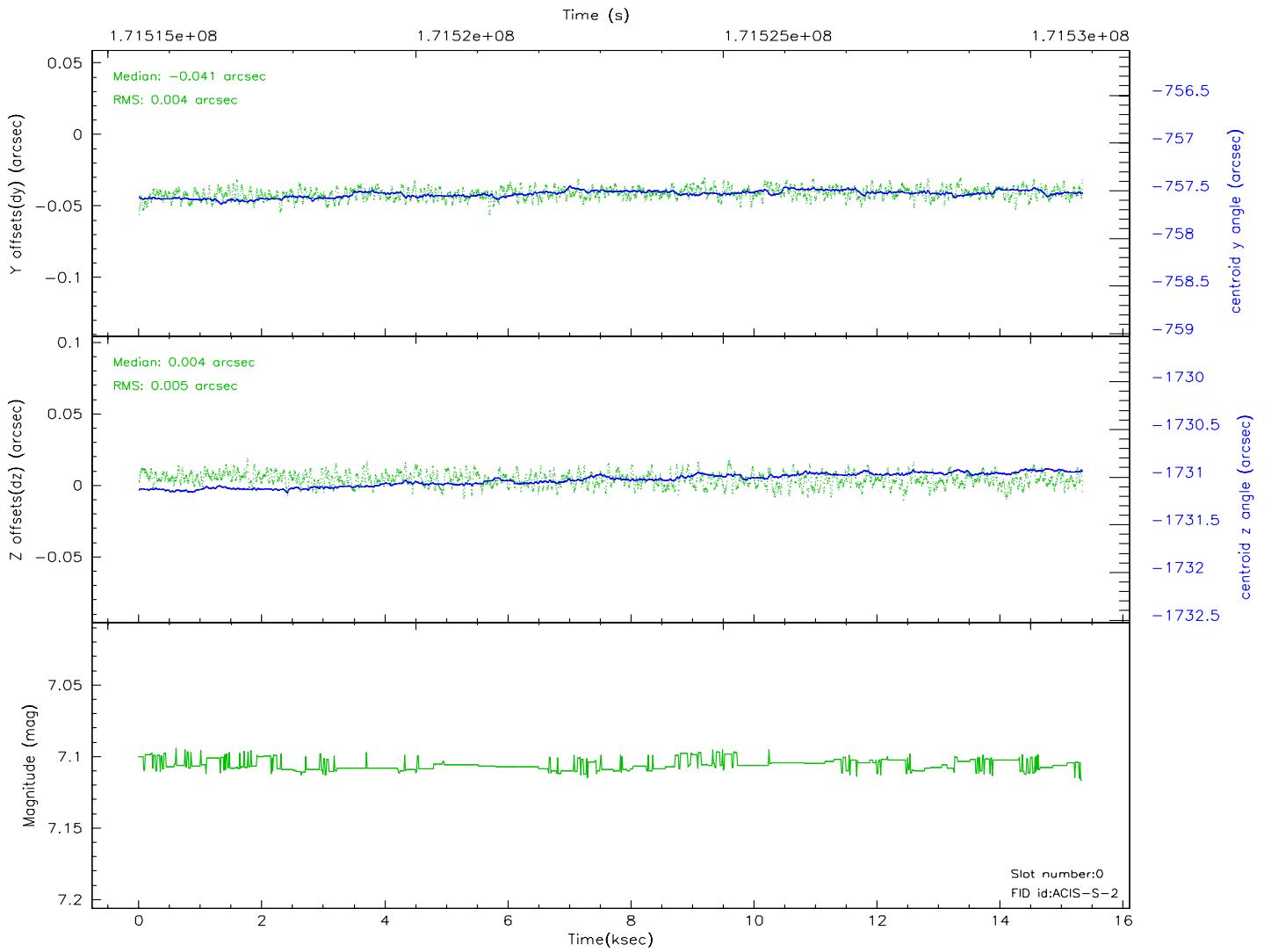
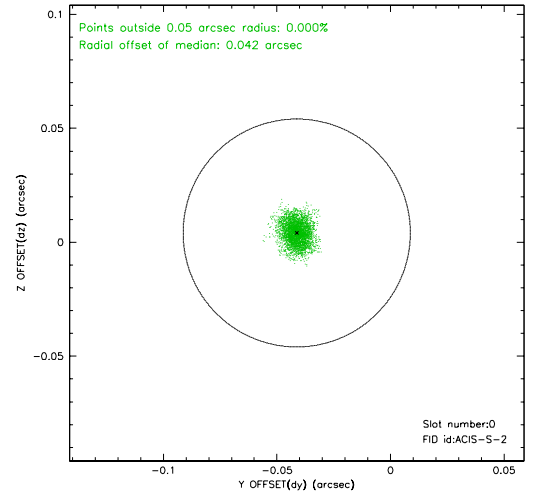
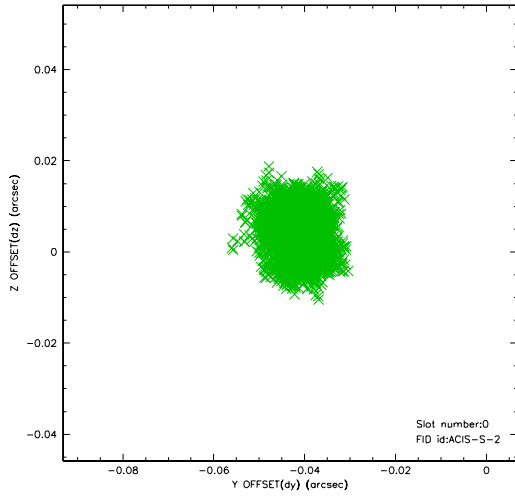


2.4.5 Slot 7

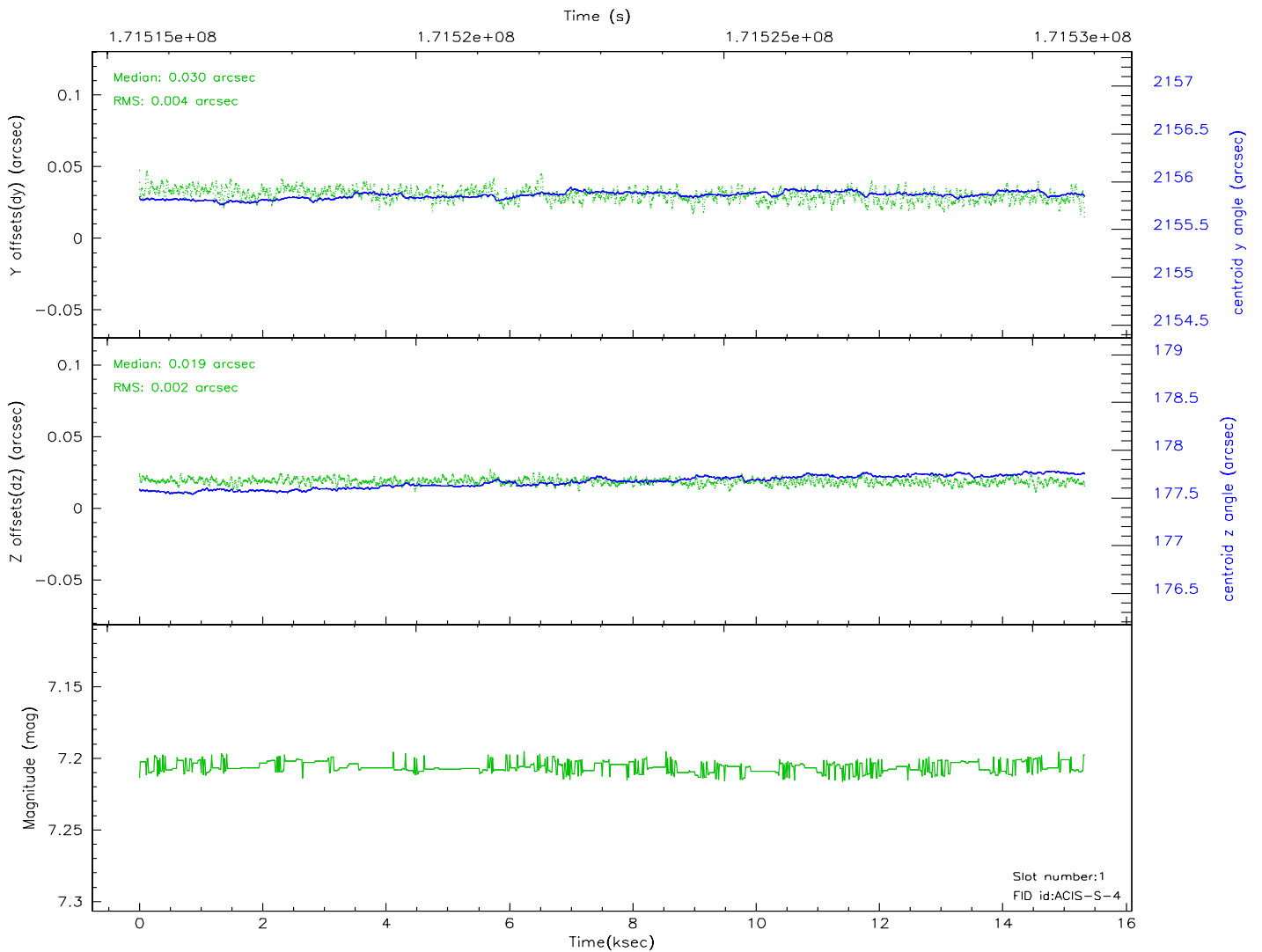
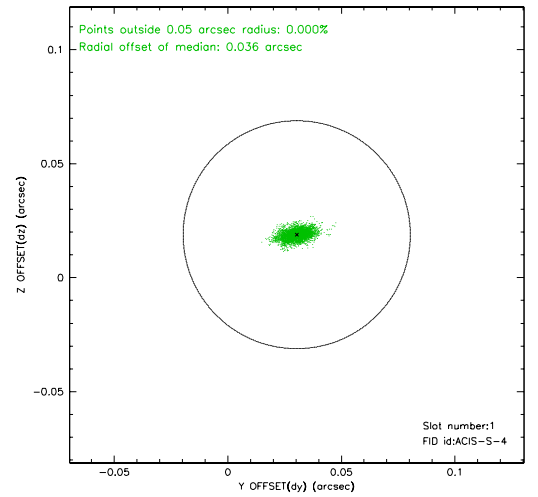
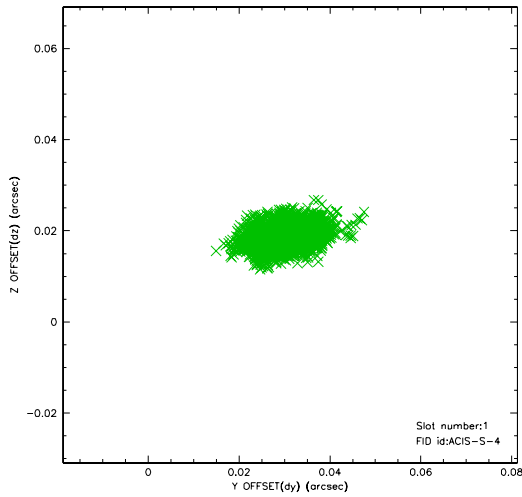


2.5 FID Slots

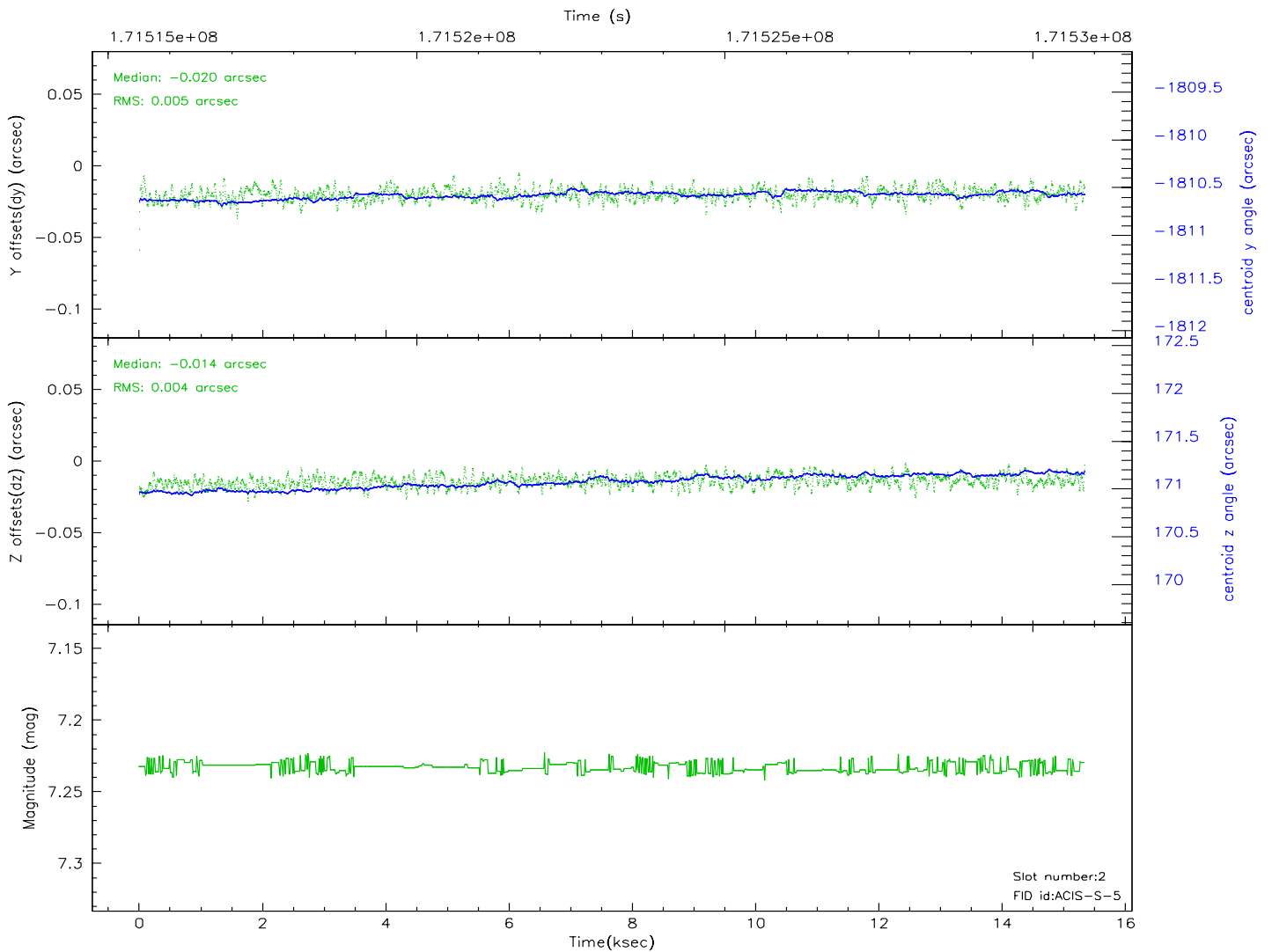
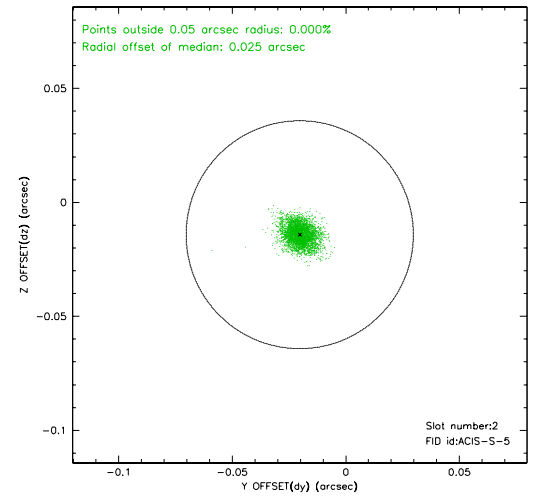
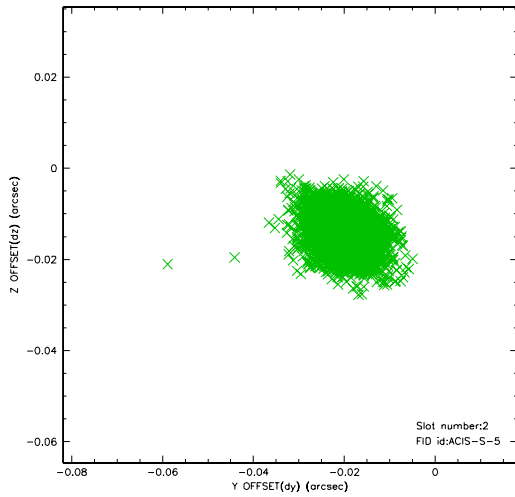
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.326

A.2 Comments