

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3098 - L2 Version 3
Chandra X-Ray Center

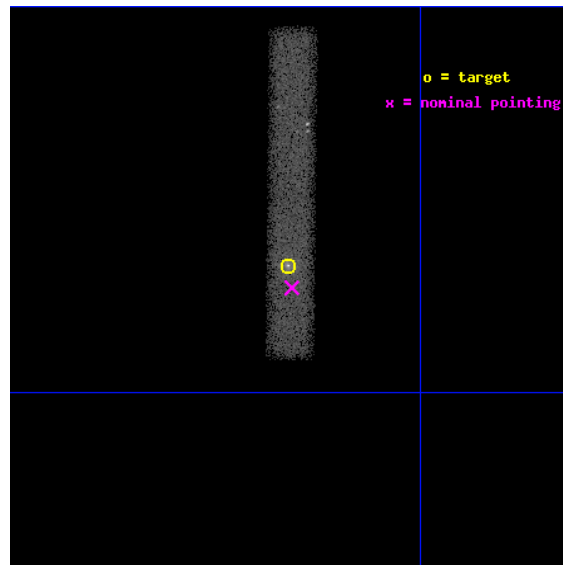
L2 Processing Date : Oct 8 2012

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1 Front

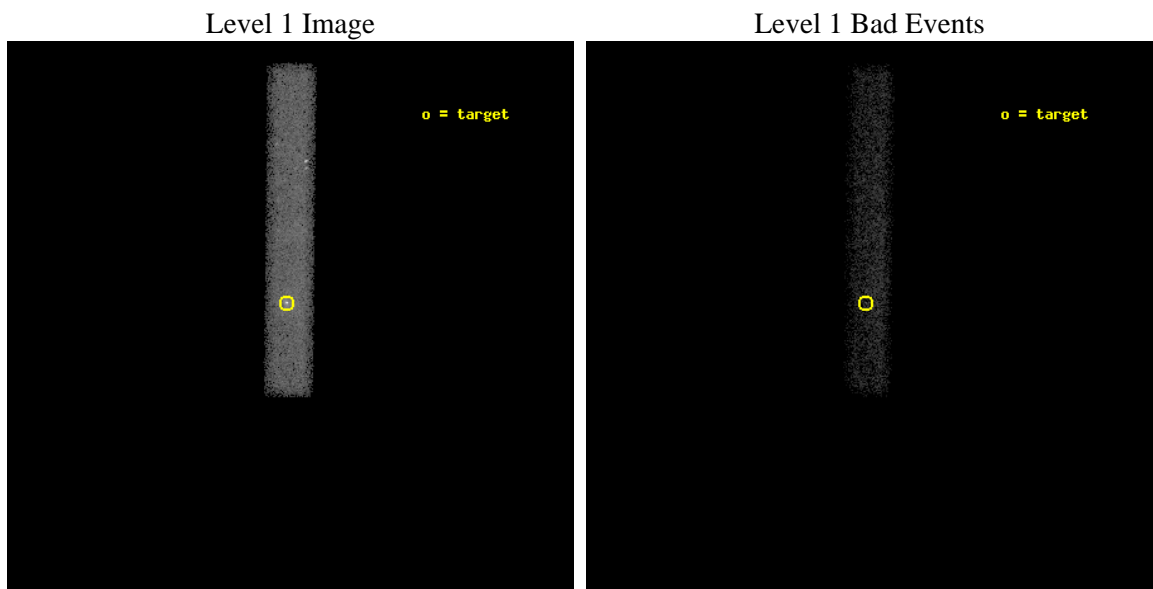
seq_num	700537	Sequence number
obs_id	3098	Observation id
title	X-RAY IMAGING OF GPS AND CSS QUASARS	Proposal title
observer	Dr. Aneta Siemiginowska	Principal investigator
object	Q0740+380	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	116.072917	Observer's specified target RA [deg]
dec_targ	37.888083	Observer's specified target Dec [deg]
ra_nom	116.07088231052	Nominal RA [deg]
dec_nom	37.878516954937	Nominal Dec [deg]
roll_nom	270.57447599566	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37969.200565755	Sum of GTIs [s]
livetime	34436.060734405	Livetime [s]
ontime7	37969.200565755	Sum of GTIs [s]
l2events	26407	Number of level 2 events



2 OBI

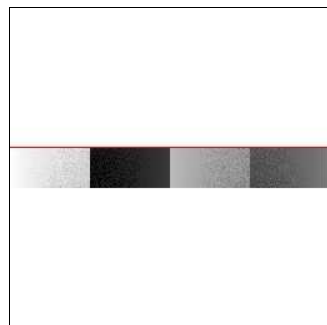
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	37815.018000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	37969.200565755	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	37969.200565755	Sum of GTIs [s]
date	2012-10-08T05:47:09	Date and time of file creation	l1events	51219	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

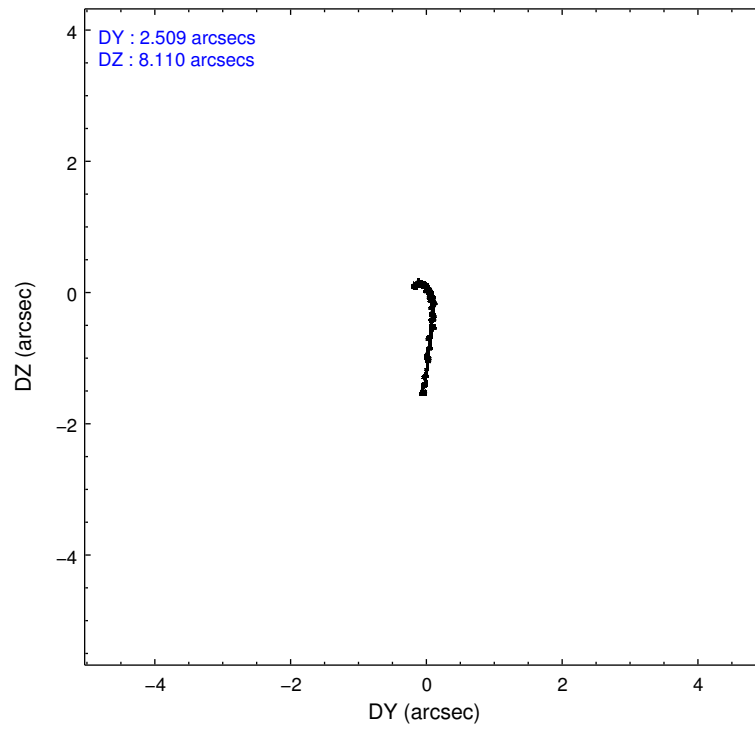
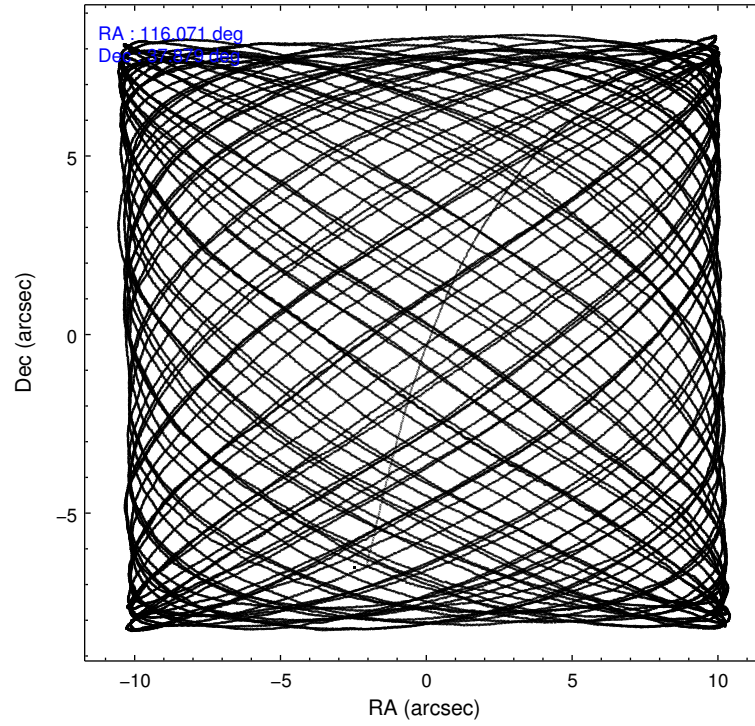
	ccd 7
level 1 events	51219
rejected events	23932
rejected %	46%

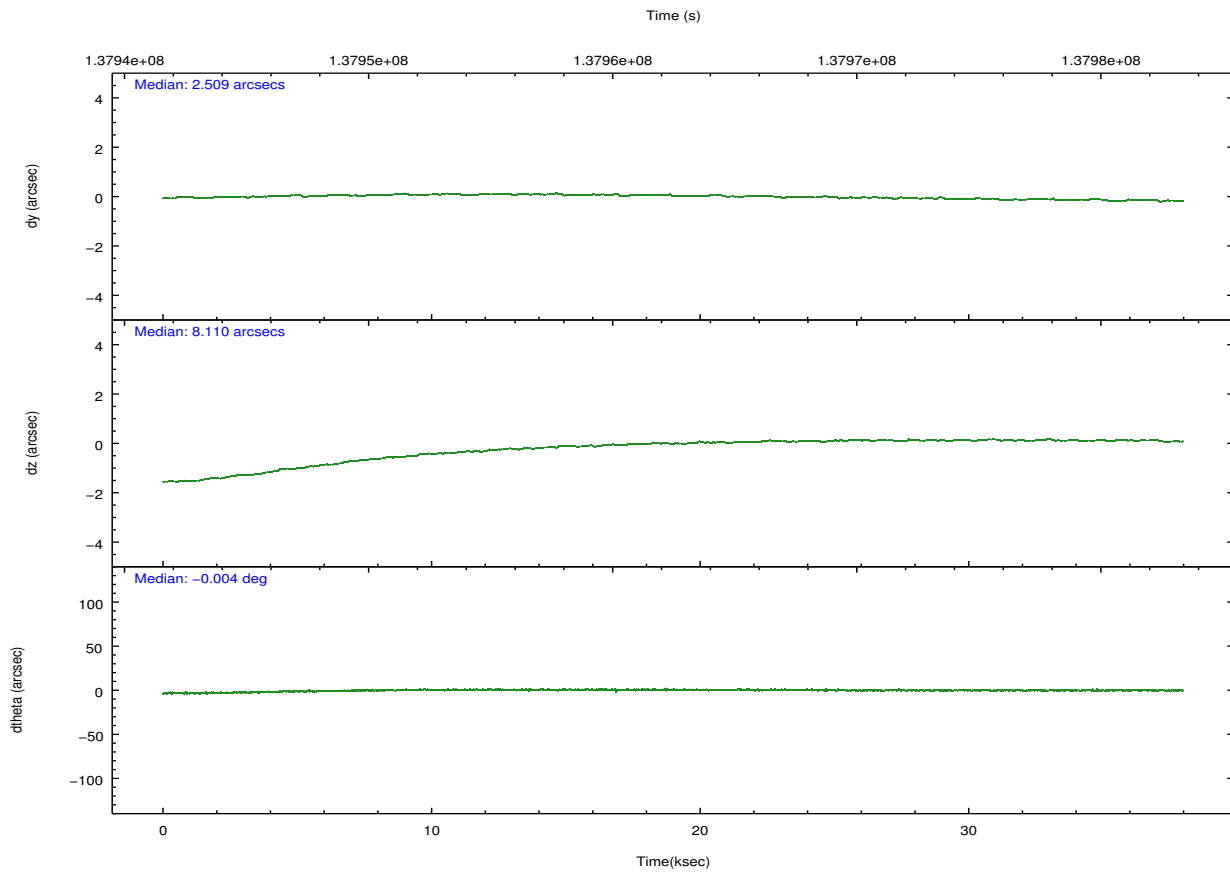
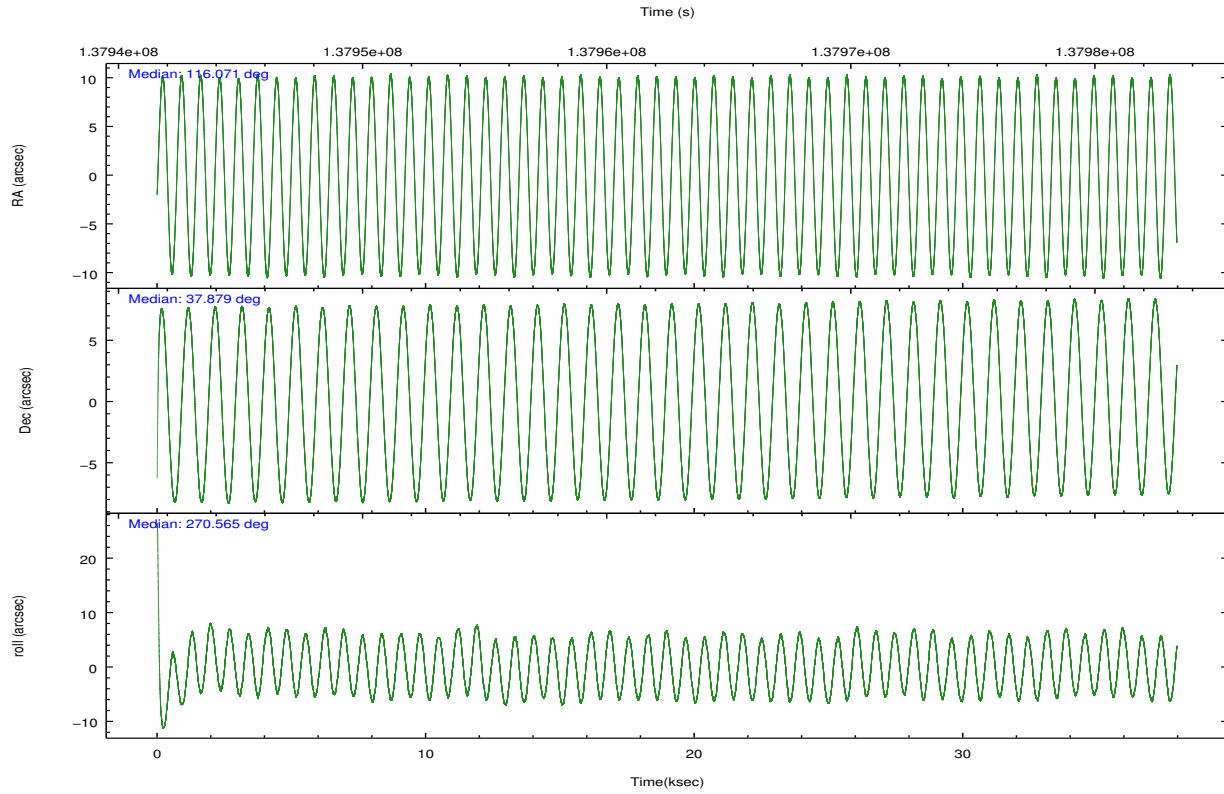
	ccd 7
grade 0 events	3918
	7%
grade 1 events	35
	0%
grade 2 events	5428
	10%
grade 3 events	3338
	6%
grade 4 events	3313
	6%
grade 5 events	4002
	7%
grade 6 events	11801
	23%
grade 7 events	19384
	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	116.052931	116.0708823105196	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	37.901801	37.87851695493727	Subarray start row	449	449
[deg] Pointing Roll	270.428872	270.5744759956593	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	137943648.184000	137942500.08595			
Observation start date	2002-05-16T13:39:44	2002-05-16T13:21:40			
[s] Observation end time (MET)	137981463.184000	137981777.57505			
Observation end date	2002-05-17T00:09:59	2002-05-17T00:16:17			
Read mode	TIMED	TIMED			

2.3 Aspect



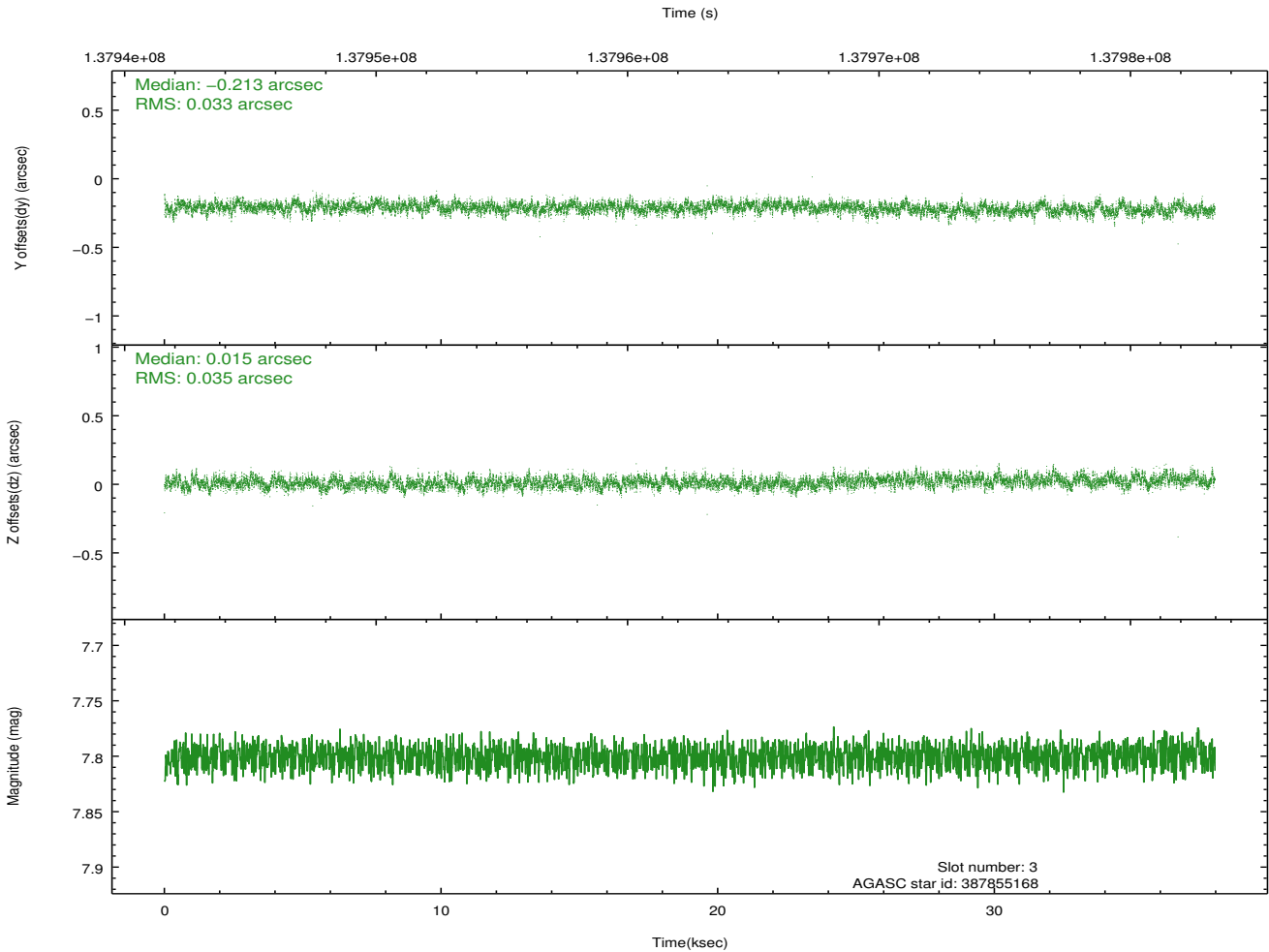
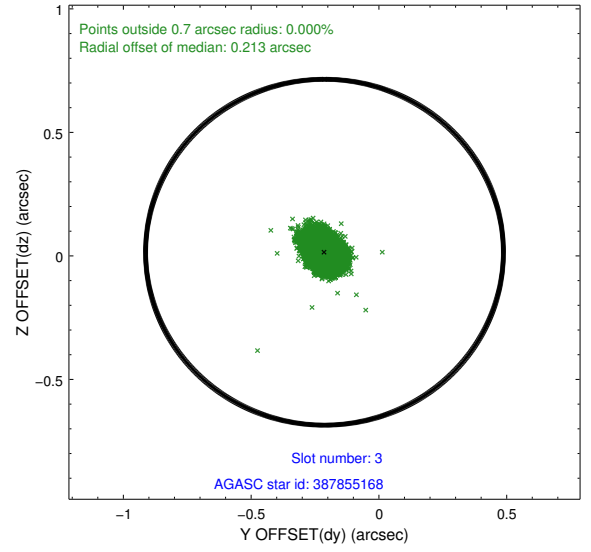
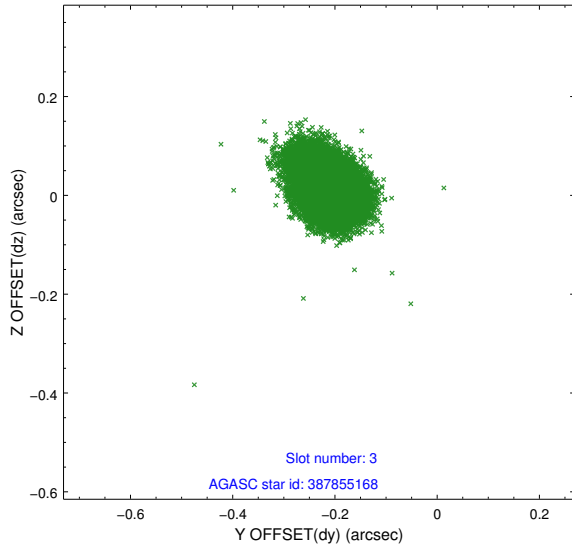


Slot Statistics

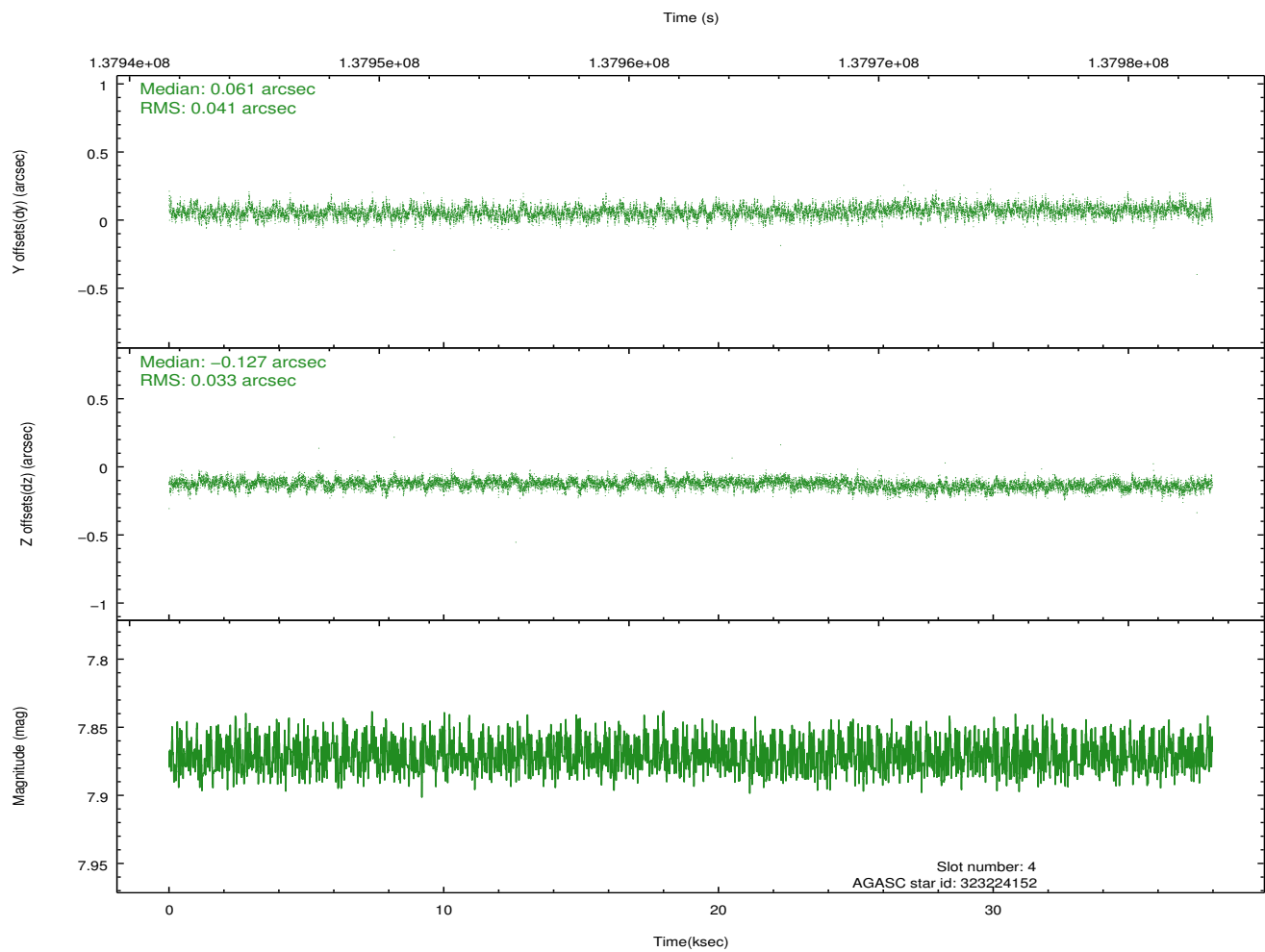
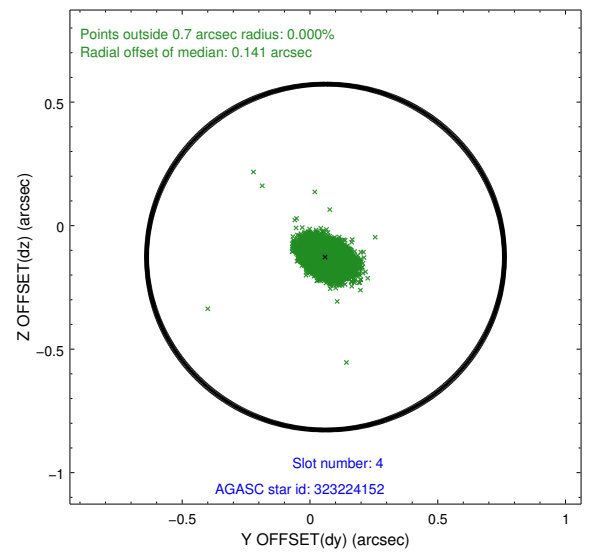
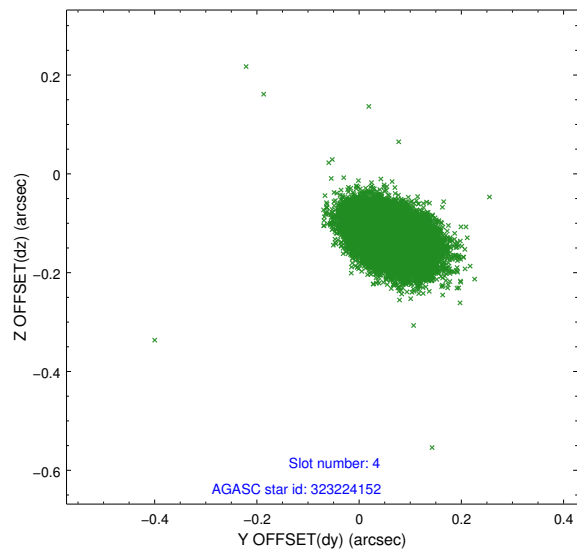
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	9261	-0.013	0.002	0.016	0.024	0.000000	0.000000	-755.14	-1728.99
1	FID	ACIS-S-4	7.20	9261	-0.042	0.006	0.017	0.029	0.000000	0.000000	2158.10	179.47
2	FID	ACIS-S-5	7.24	9260	0.022	0.004	0.014	0.024	0.000000	0.000000	-1807.92	173.17
3	GUIDE	387855168	7.80	18523	-0.213	0.015	0.051	0.084	116.658195	38.272157	-1325.37	1720.04
4	GUIDE	323224152	7.87	18515	0.061	-0.127	0.054	0.092	115.423366	37.430032	1680.31	-1812.57
5	GUIDE	387849992	8.94	18513	0.299	0.035	0.081	0.132	116.439680	37.644416	933.91	1095.21
6	GUIDE	323231976	9.10	18516	-0.018	0.004	0.083	0.139	115.260772	37.395366	1798.23	-2279.23
7	GUIDE	387849672	9.68	18502	-0.129	0.078	0.116	0.207	116.543370	38.237989	-1202.62	1395.19

2.4 Star Slots

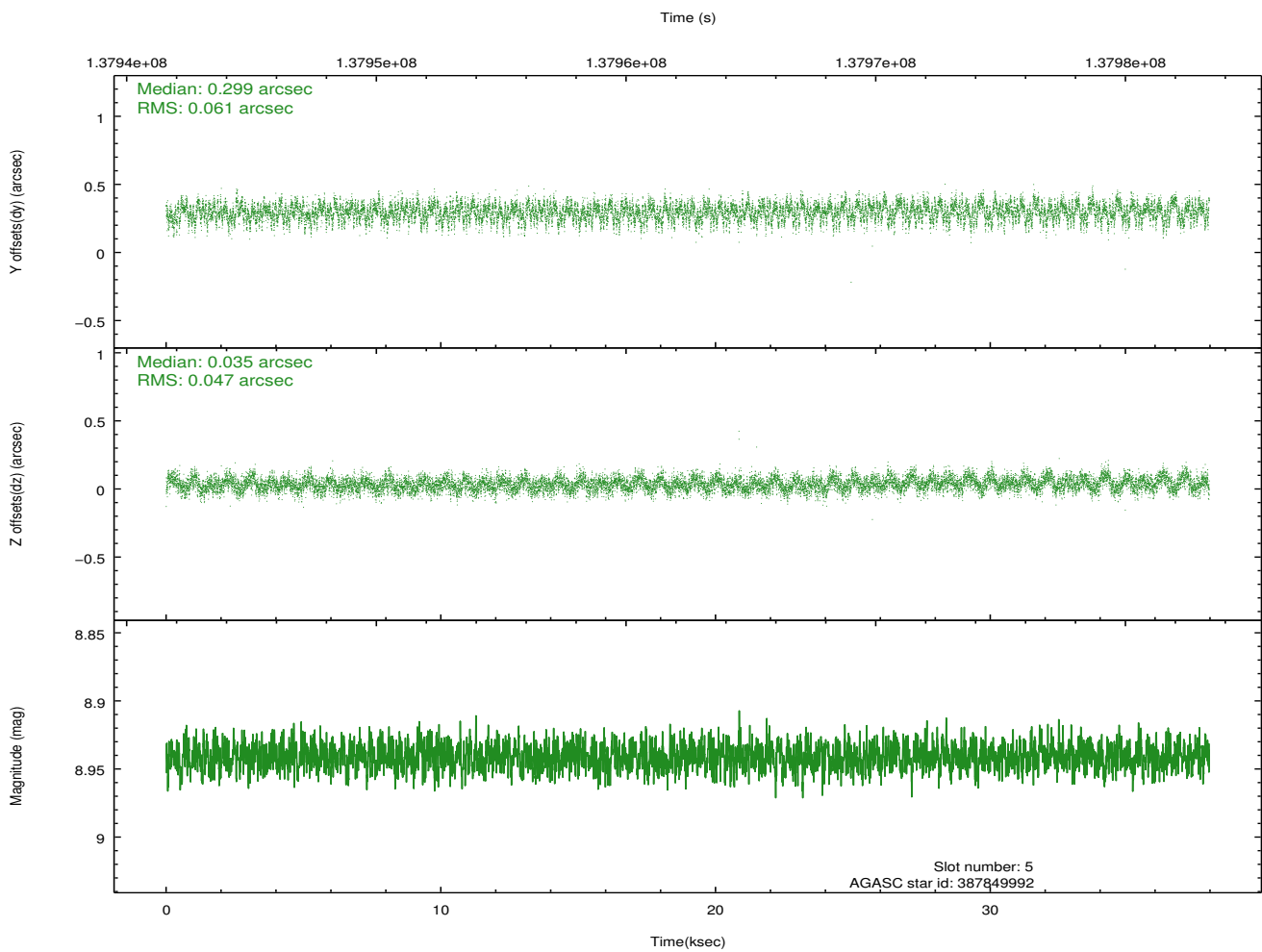
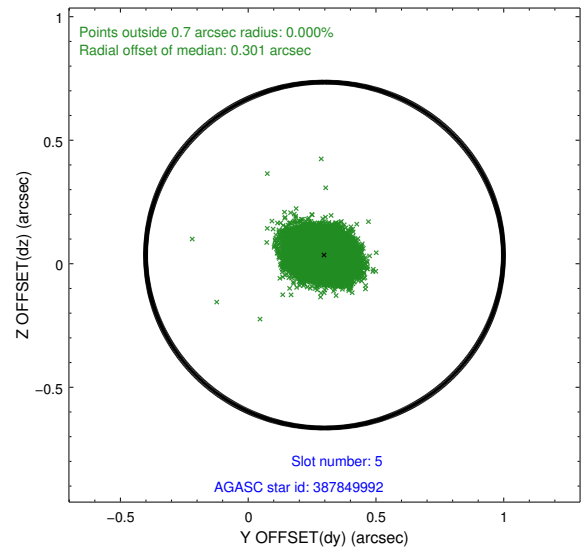
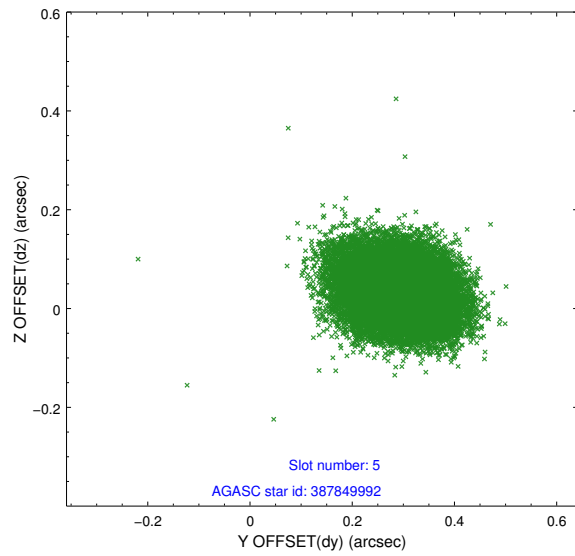
2.4.1 Slot 3



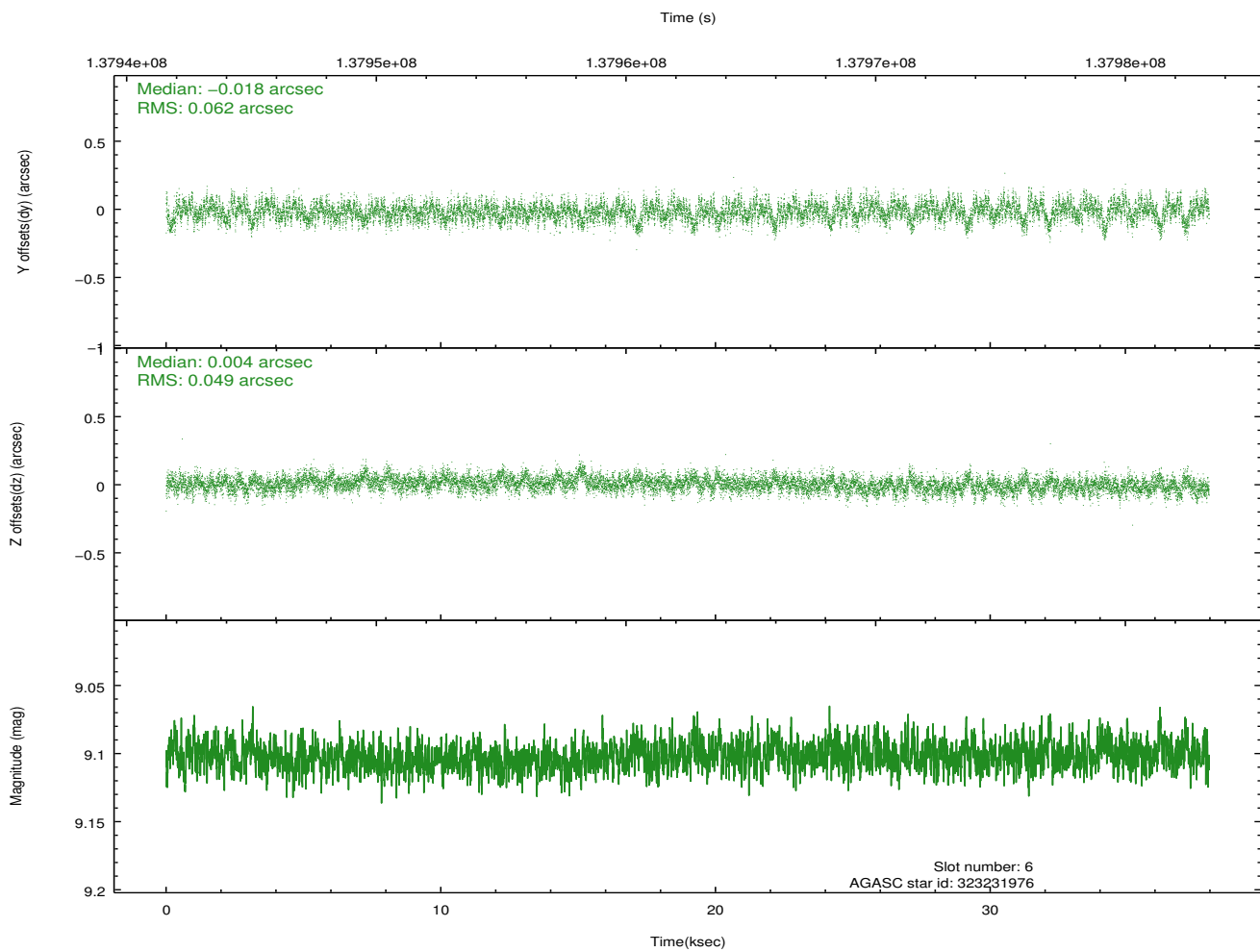
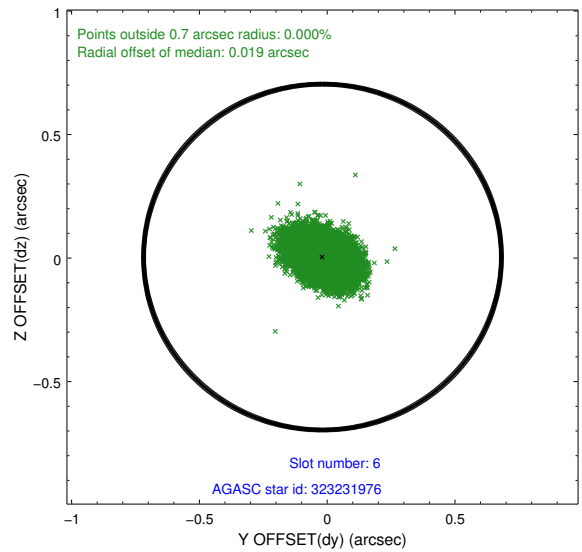
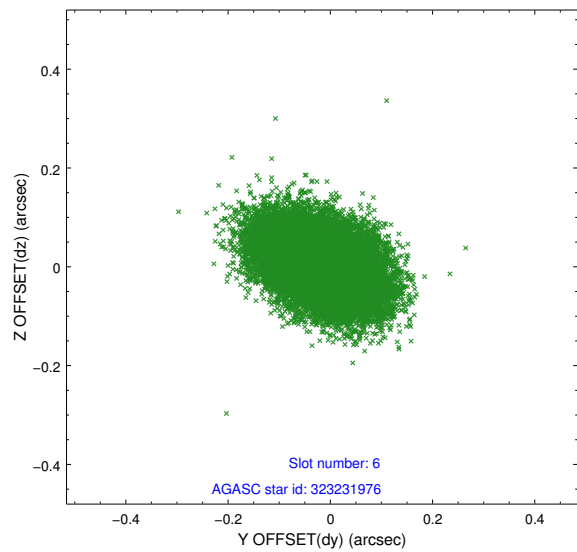
2.4.2 Slot 4



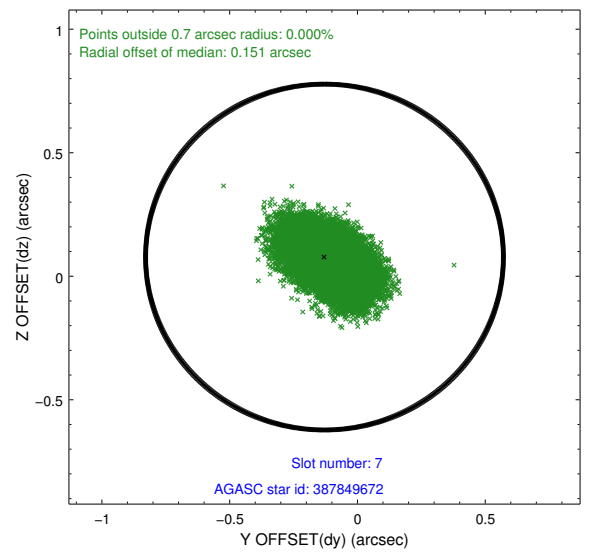
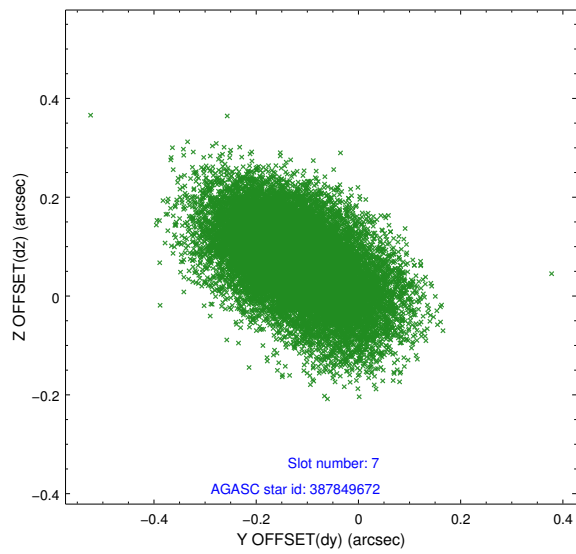
2.4.3 Slot 5



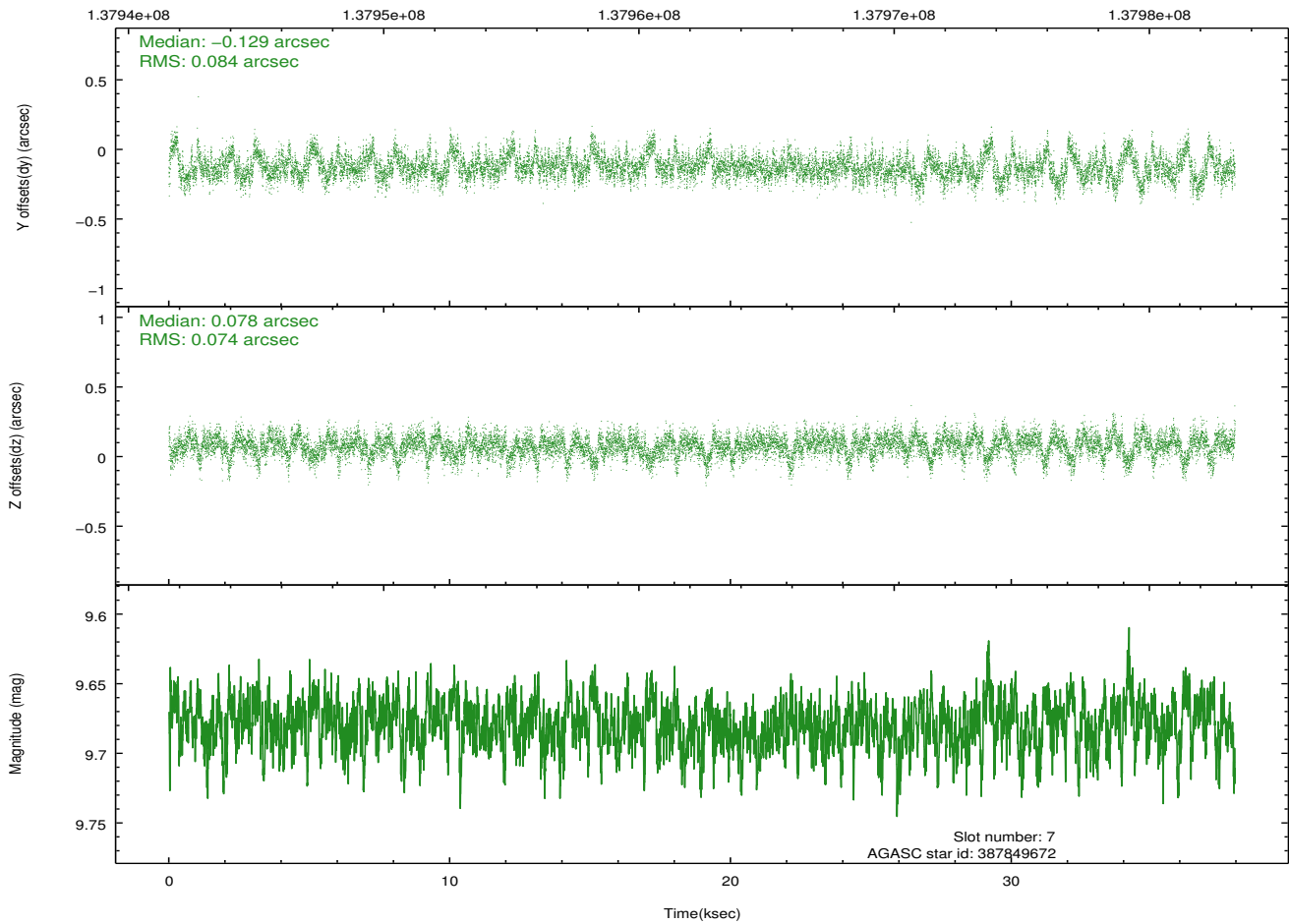
2.4.4 Slot 6



2.4.5 Slot 7

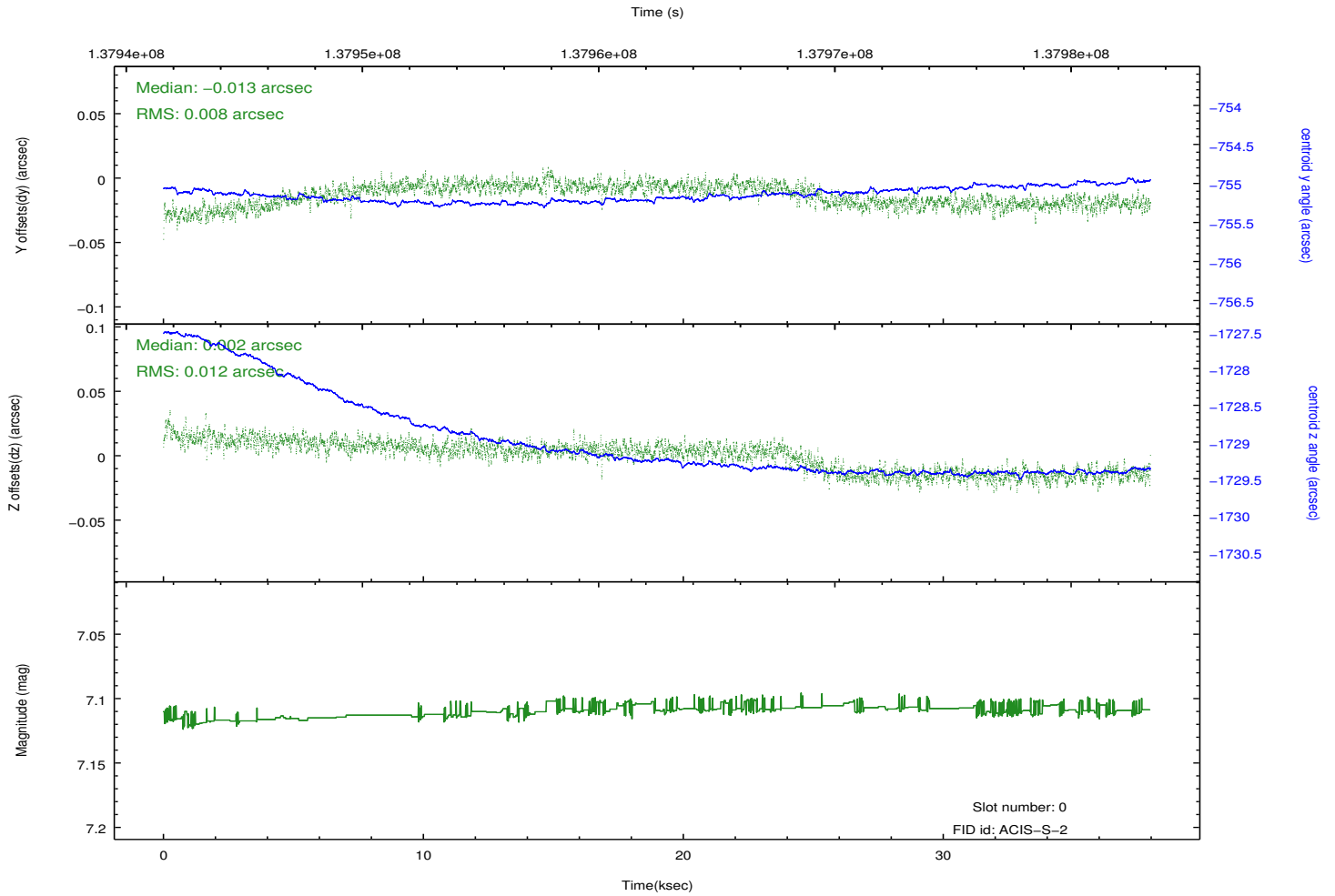
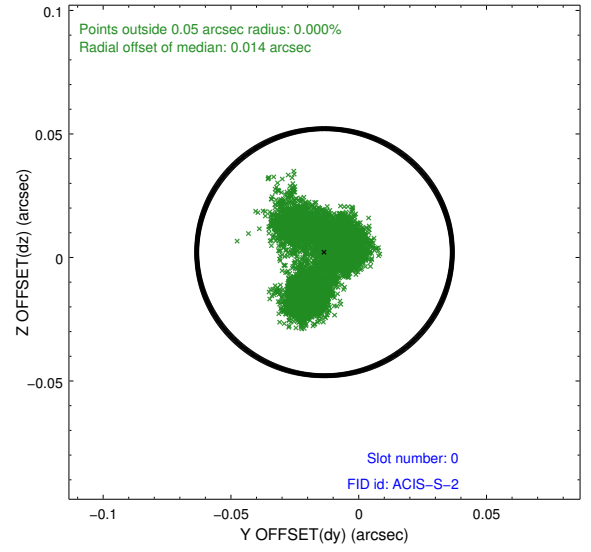
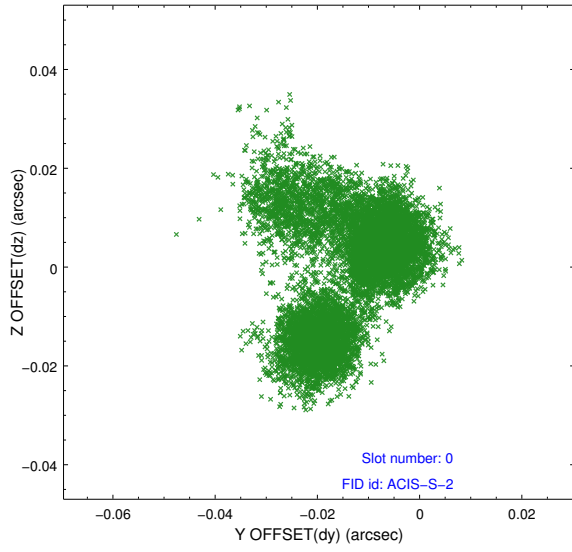


Time (s)

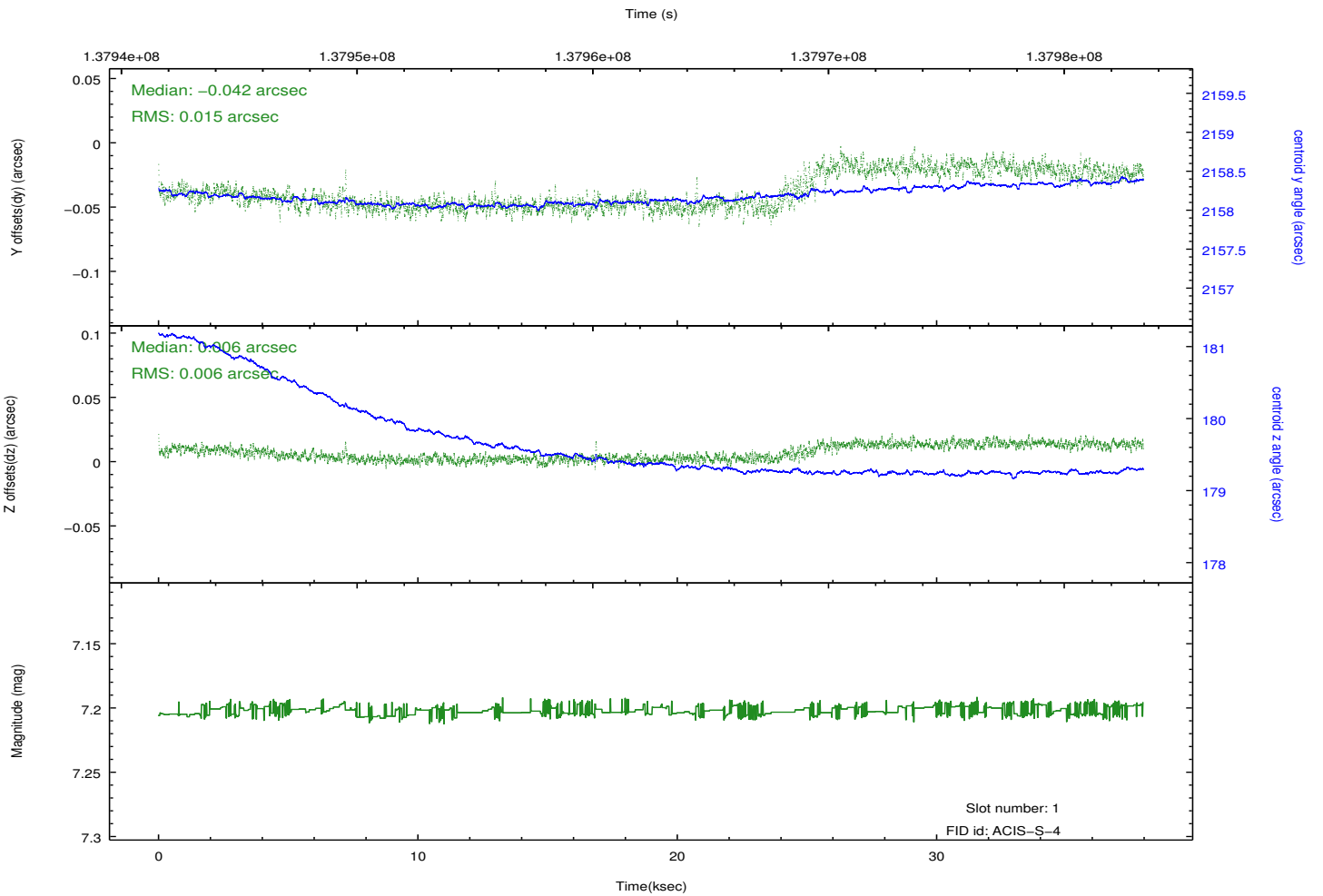
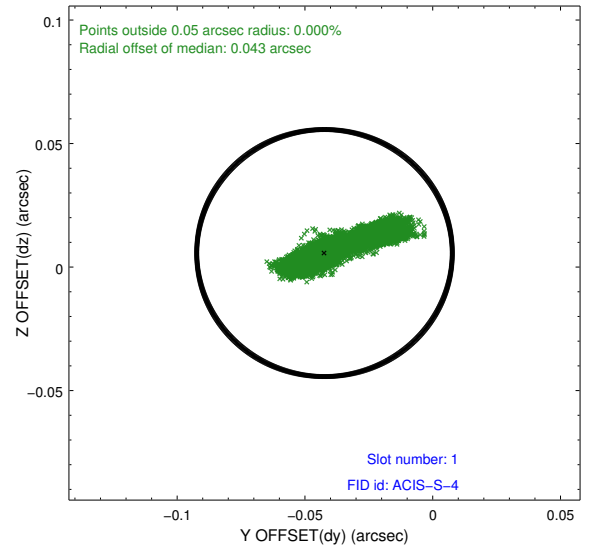
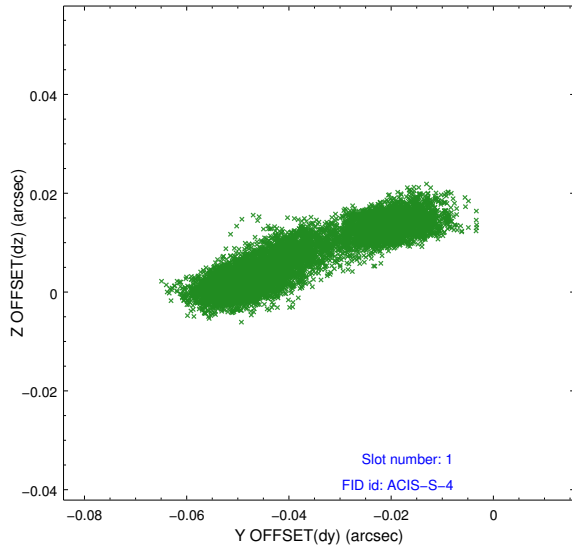


2.5 FID Slots

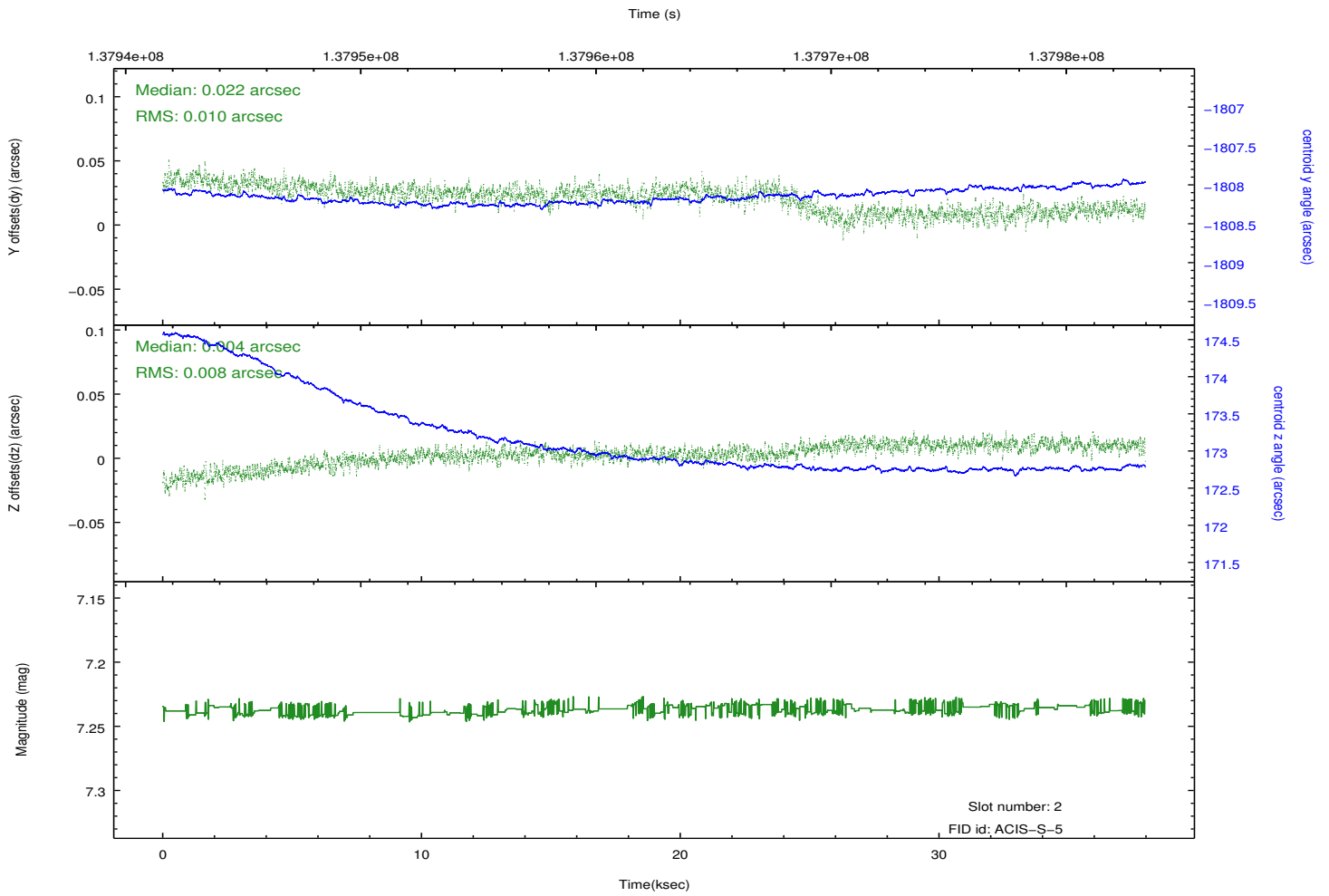
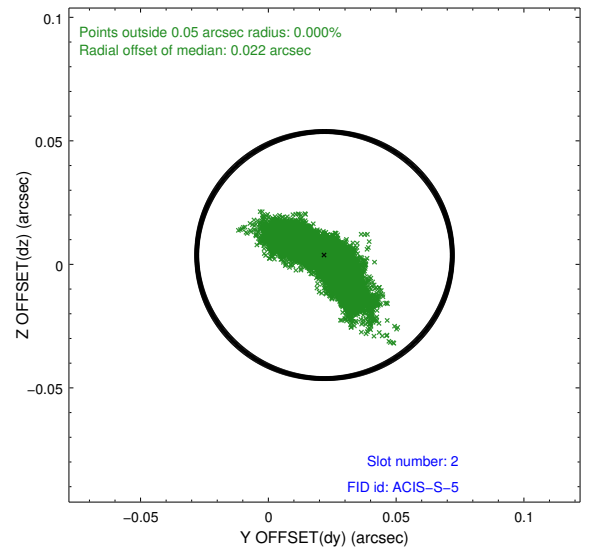
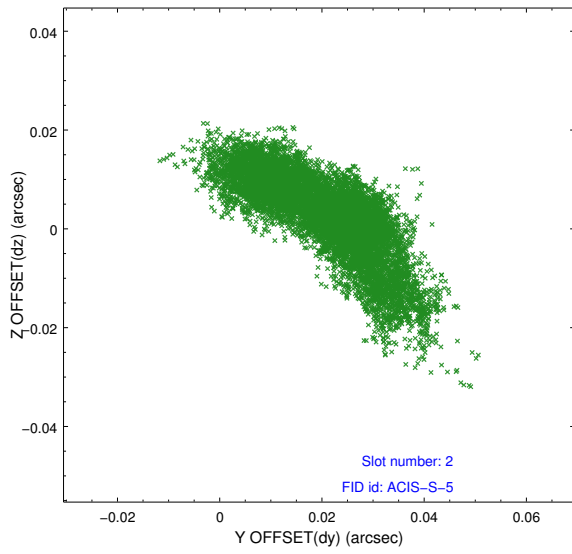
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.927

A.2 Comments

Charge time: Charge time for this ObsId remains at previous value of 37.927 ks although with the current processing the charge time would have been 37.97 ksec.

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Joint Proposal: HST+NOAO