

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10276 - L2 Version 2
Chandra X-Ray Center

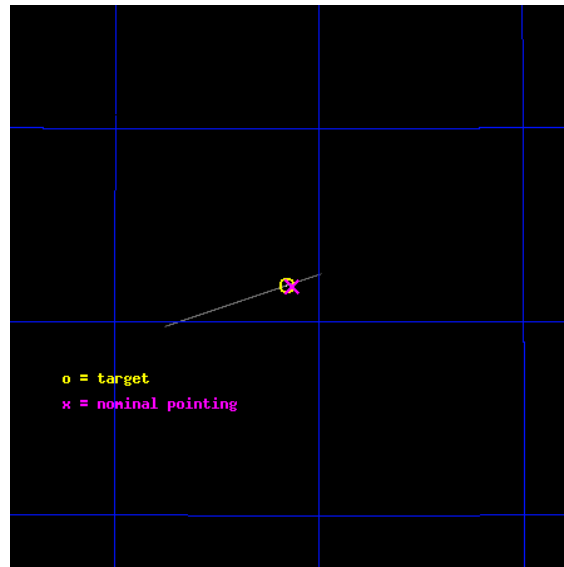
L2 Processing Date : Jun 1 2012

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1 Front

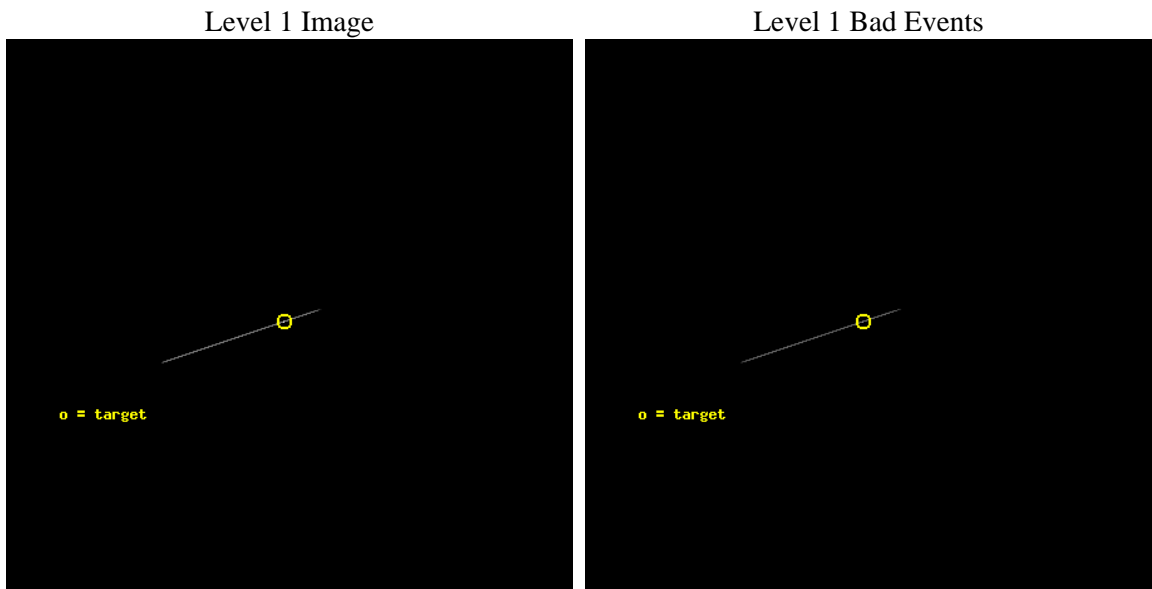
seq_num	701819	Sequence number
obs_id	10276	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.7834291228	Nominal RA [deg]
dec_nom	44.530226390908	Nominal Dec [deg]
roll_nom	161.58679683115	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10171.75	Sum of GTIs [s]
livetime	10132.016601562	Livetime [s]
ontime7	10171.75	Sum of GTIs [s]
l2events	115837	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10171.75	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	10171.75	Sum of GTIs [s]
date	2012-06-02T00:17:55	Date and time of file creation	l1events	131556	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

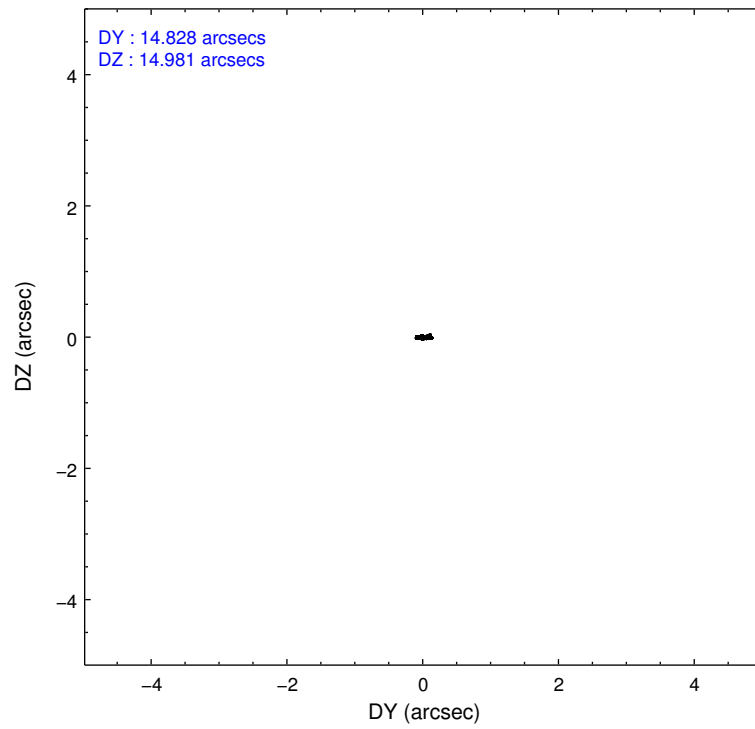
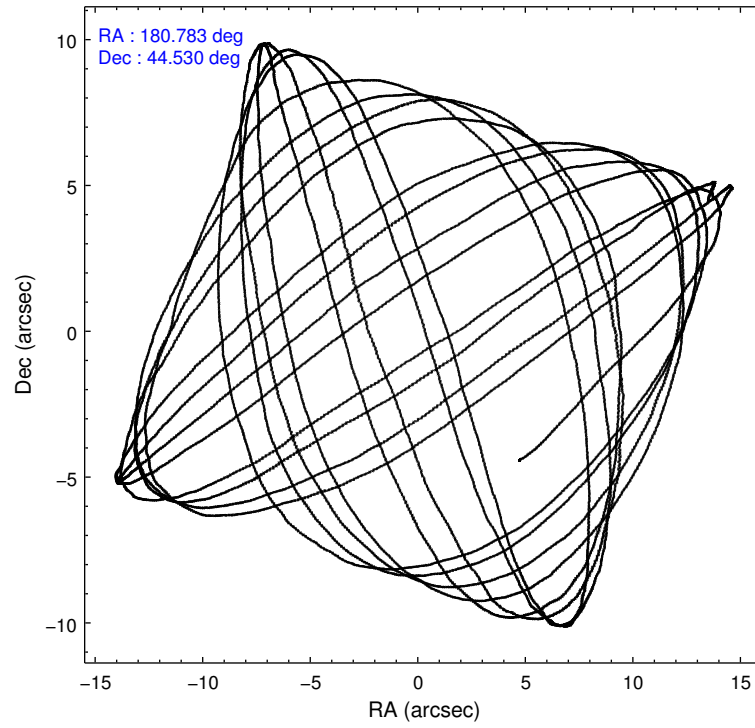
	ccd 7
level 1 events	131556
rejected events	13359
rejected %	10%

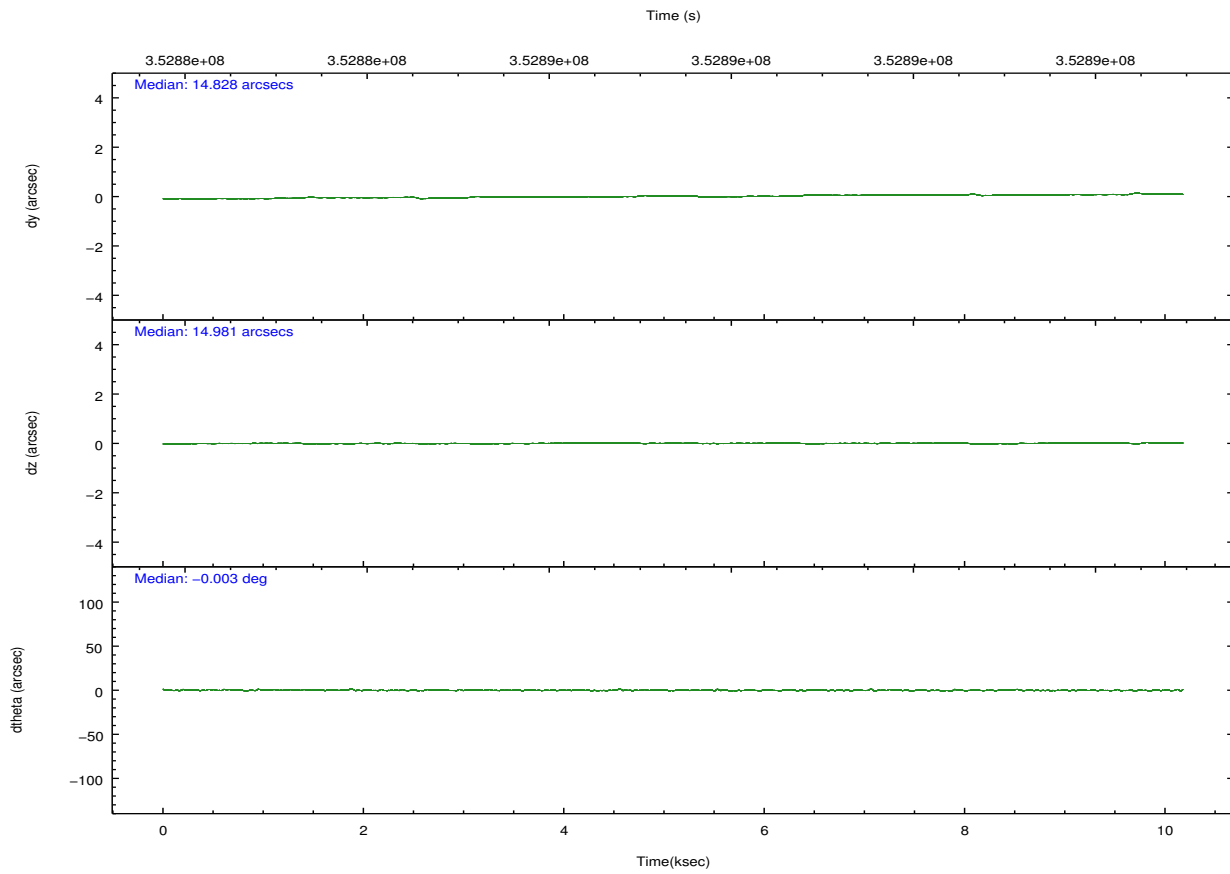
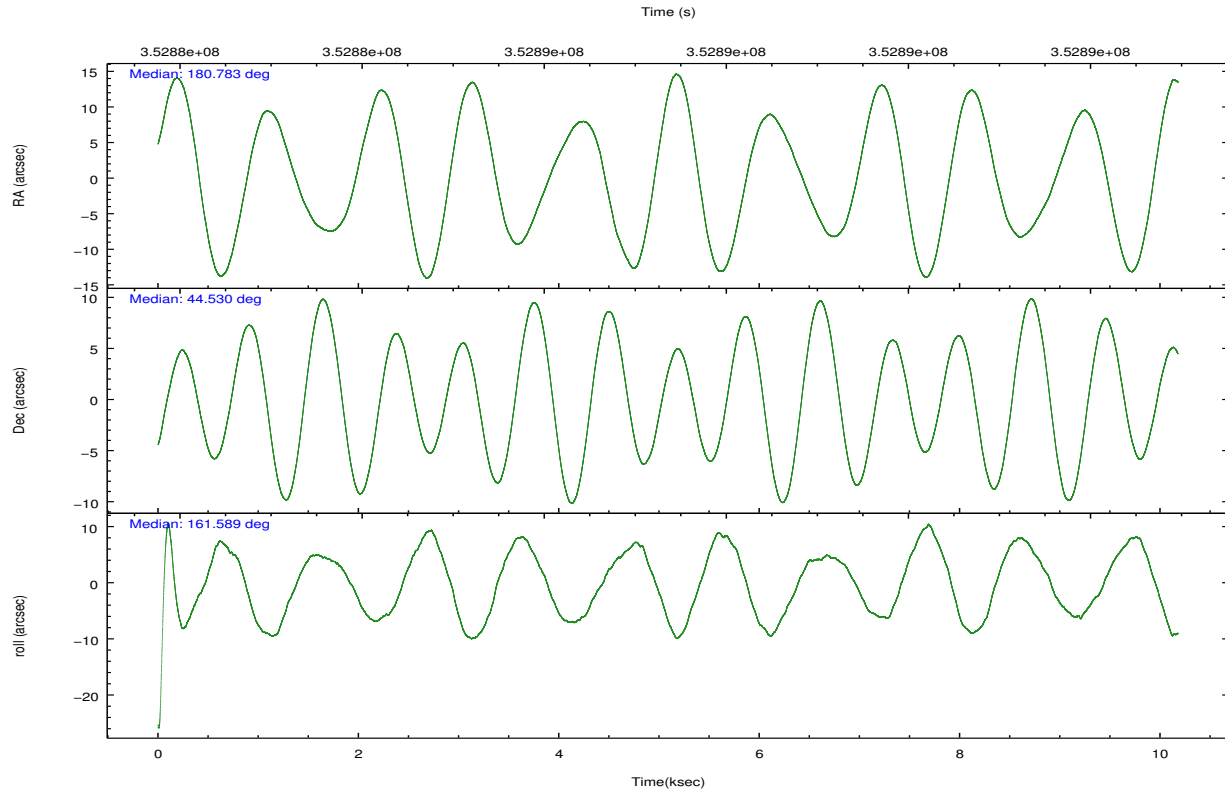
	ccd 7
grade 0 events	26603
	20%
grade 1 events	335
	0%
grade 2 events	32459
	24%
grade 3 events	7410
	5%
grade 4 events	7433
	5%
grade 5 events	10392
	7%
grade 6 events	46924
	35%
grade 7 events	0
	0%

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	CC33_GRADED	CC33_GRADED	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	180.820851	180.7834291227967	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.536071	44.53022639090783	Alternating exposures requested	N	N
[deg] Pointing Roll	161.403916	161.5867968311488	[s] Primary exposure time	0.000000	0
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	352882451.184000	352881878.81895			
Observation start date	2009-03-08T06:53:05	2009-03-08T06:44:38			
[s] Observation end time (MET)	352892451.184000	352893014.4195			
Observation end date	2009-03-08T09:39:45	2009-03-08T09:50:14			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



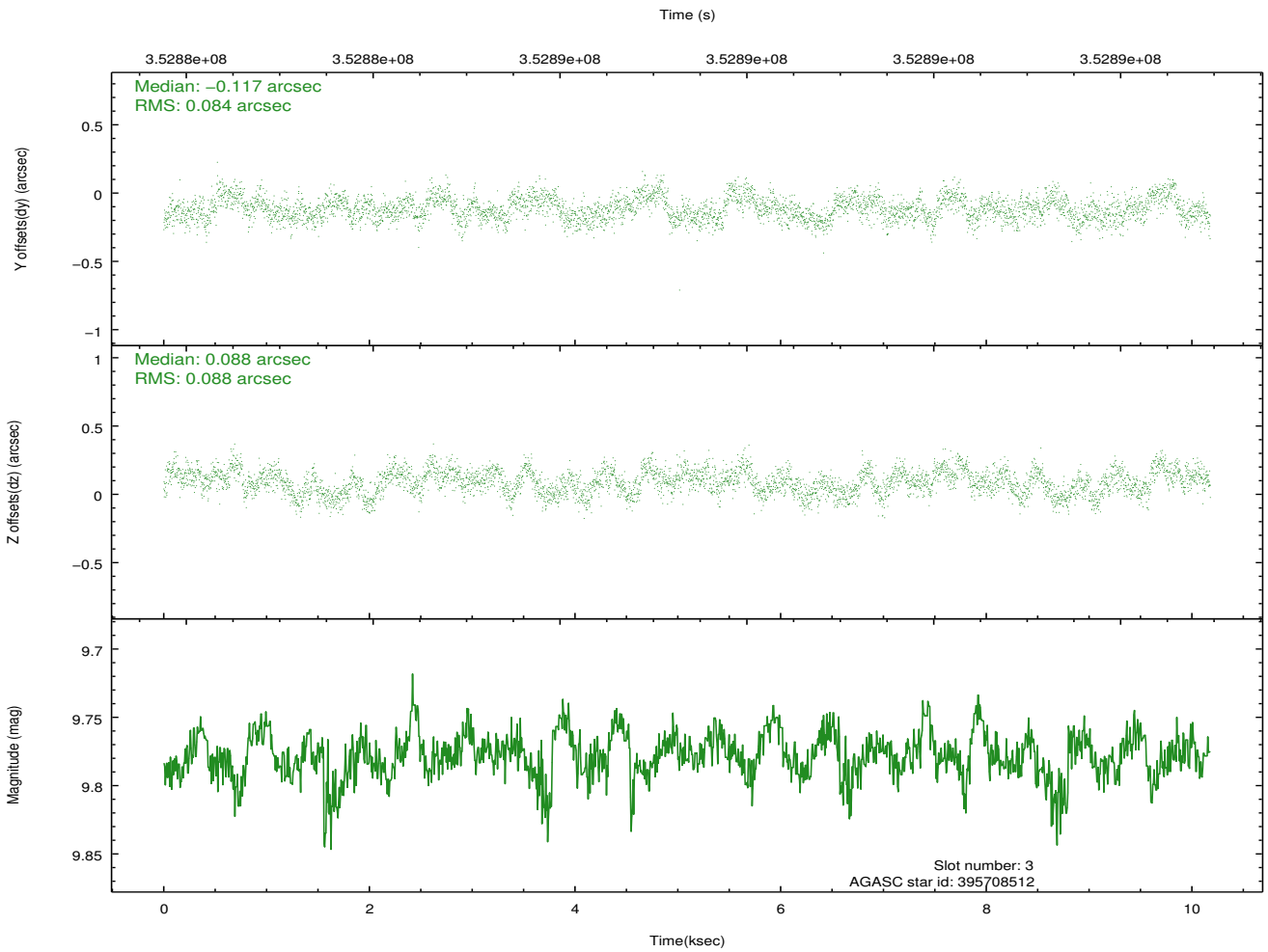
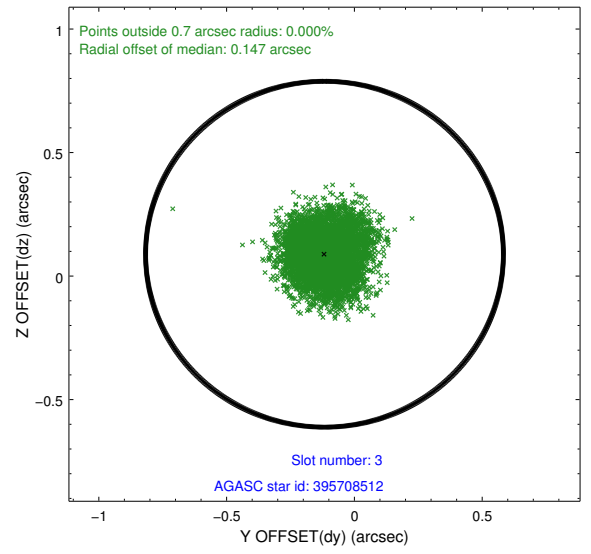
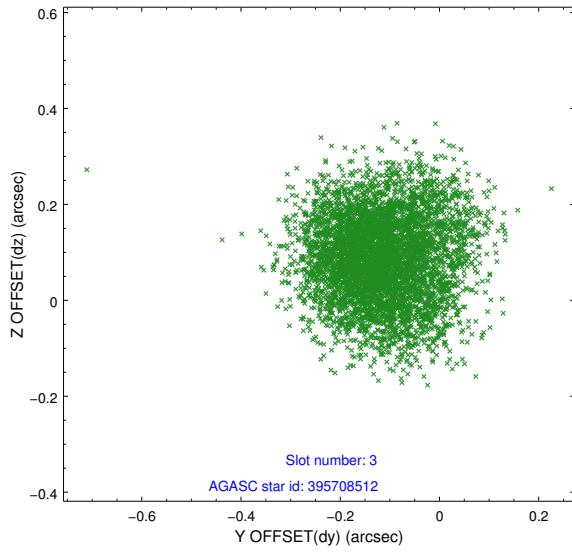


Slot Statistics

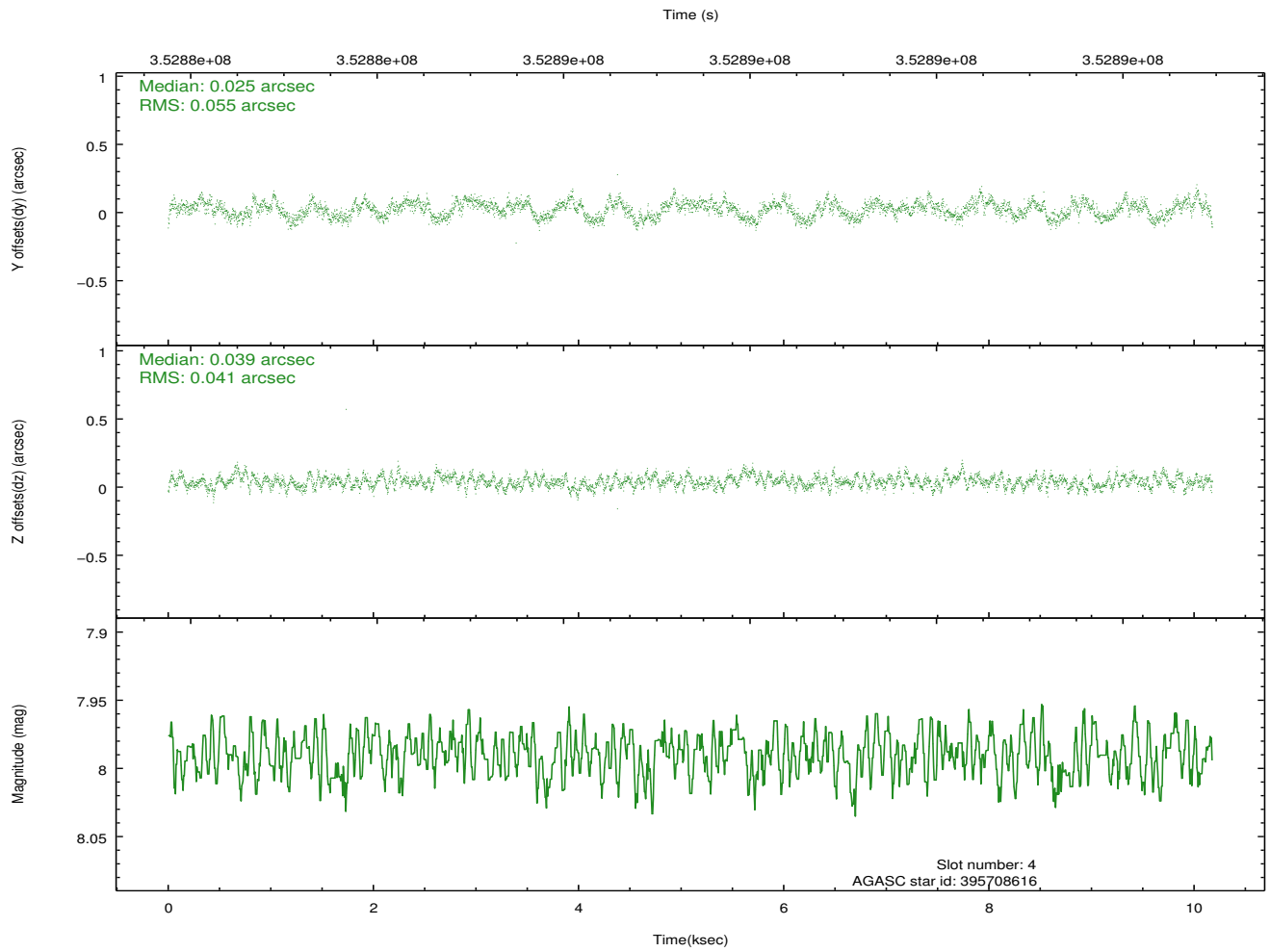
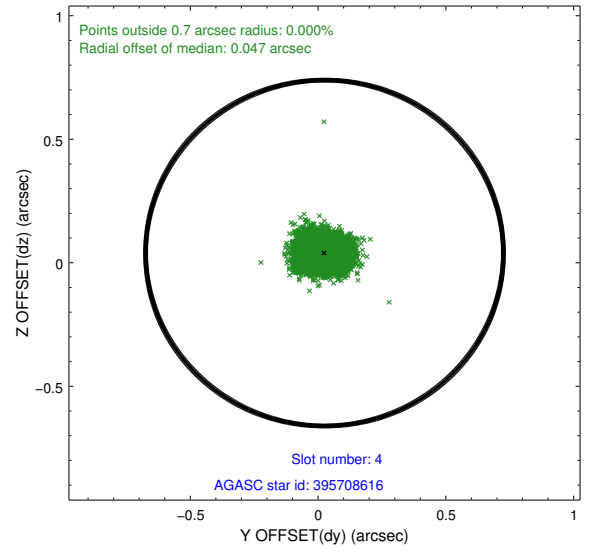
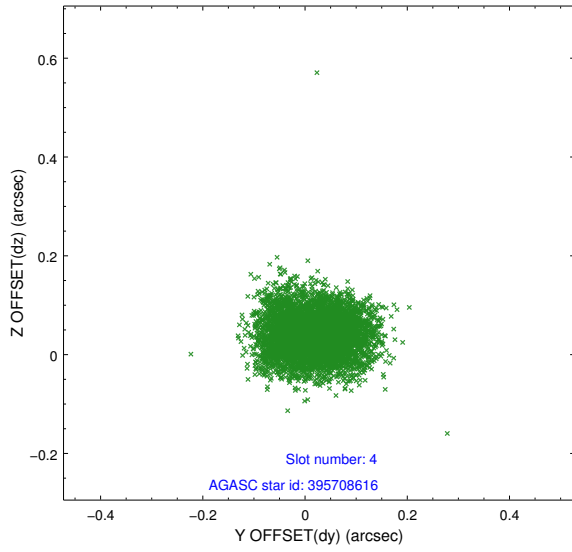
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.98	2483	-0.134	-0.084	0.005	0.010	0.000000	0.000000	-767.96	-1736.43
1	FID	ACIS-S-4	7.07	2483	0.145	0.074	0.006	0.011	0.000000	0.000000	2145.39	171.63
2	FID	ACIS-S-6	7.21	2482	-0.039	0.017	0.007	0.011	0.000000	0.000000	394.82	809.58
3	GUIDE	395708512	9.78	4958	-0.117	0.088	0.132	0.204	181.398075	44.161736	-1840.26	797.19
4	GUIDE	395708616	7.99	4963	0.025	0.039	0.074	0.116	180.101872	44.630343	1856.41	258.55
5	GUIDE	395708696	8.87	4957	0.210	-0.046	0.079	0.126	180.383726	44.624291	1164.55	53.71
6	GUIDE	395709536	9.93	4956	-0.011	0.015	0.158	0.254	181.395770	44.236081	-1747.53	546.23
7	GUIDE	395709608	8.37	4962	-0.096	-0.081	0.088	0.145	181.055130	44.450389	-668.98	100.02

2.4 Star Slots

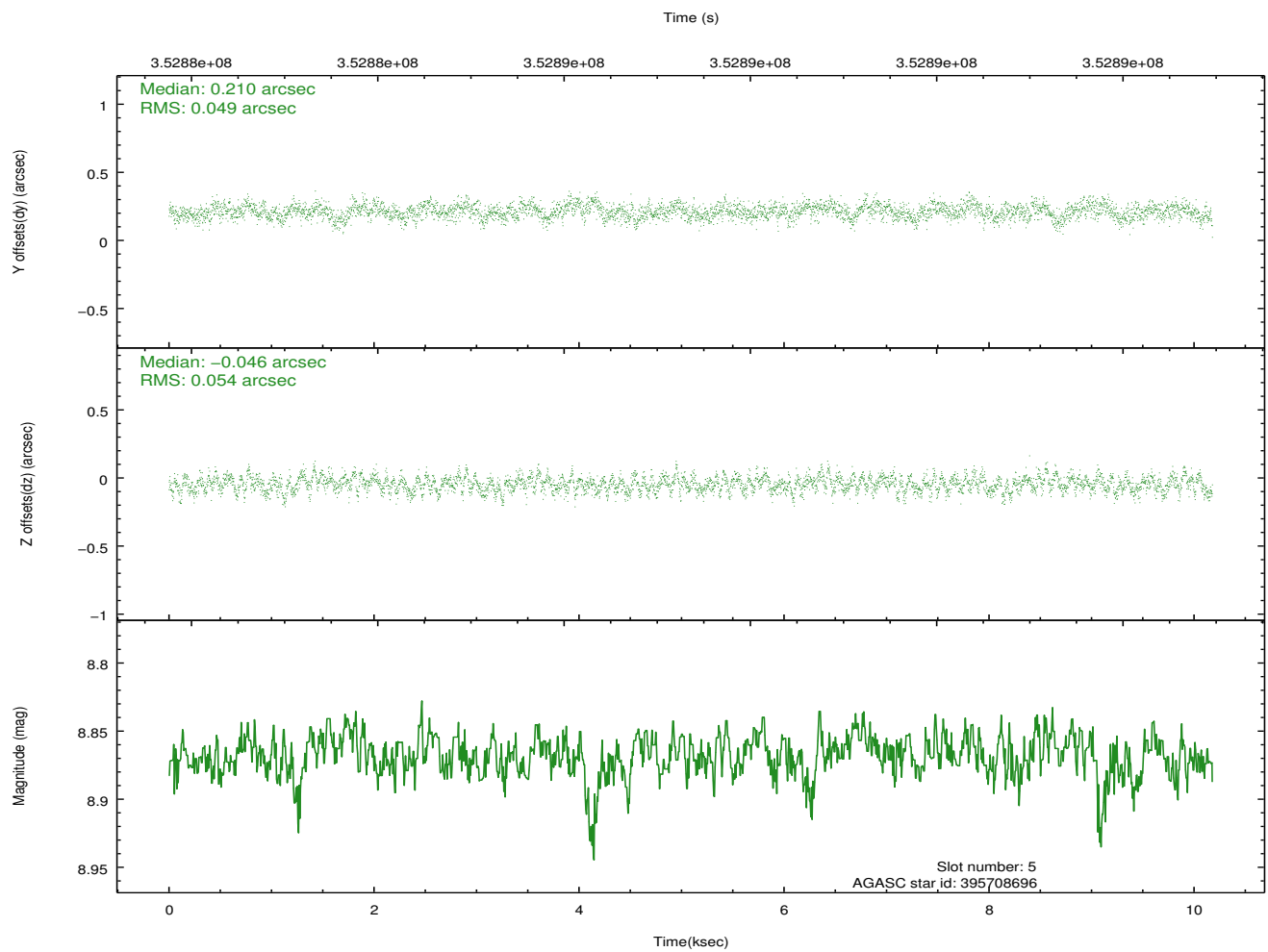
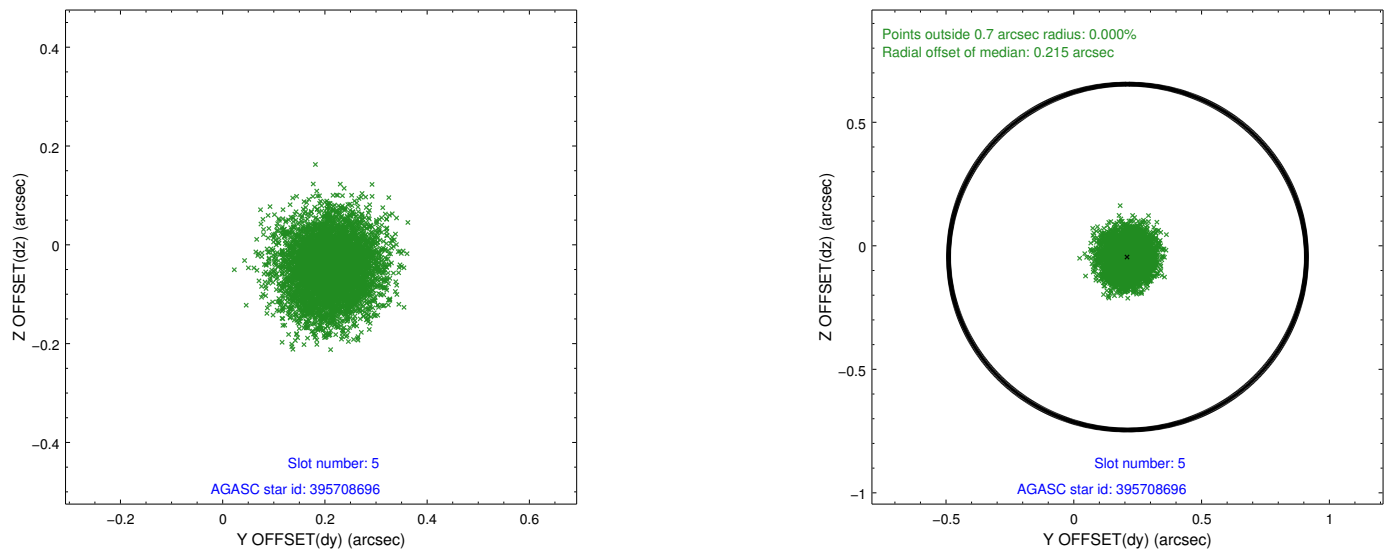
2.4.1 Slot 3



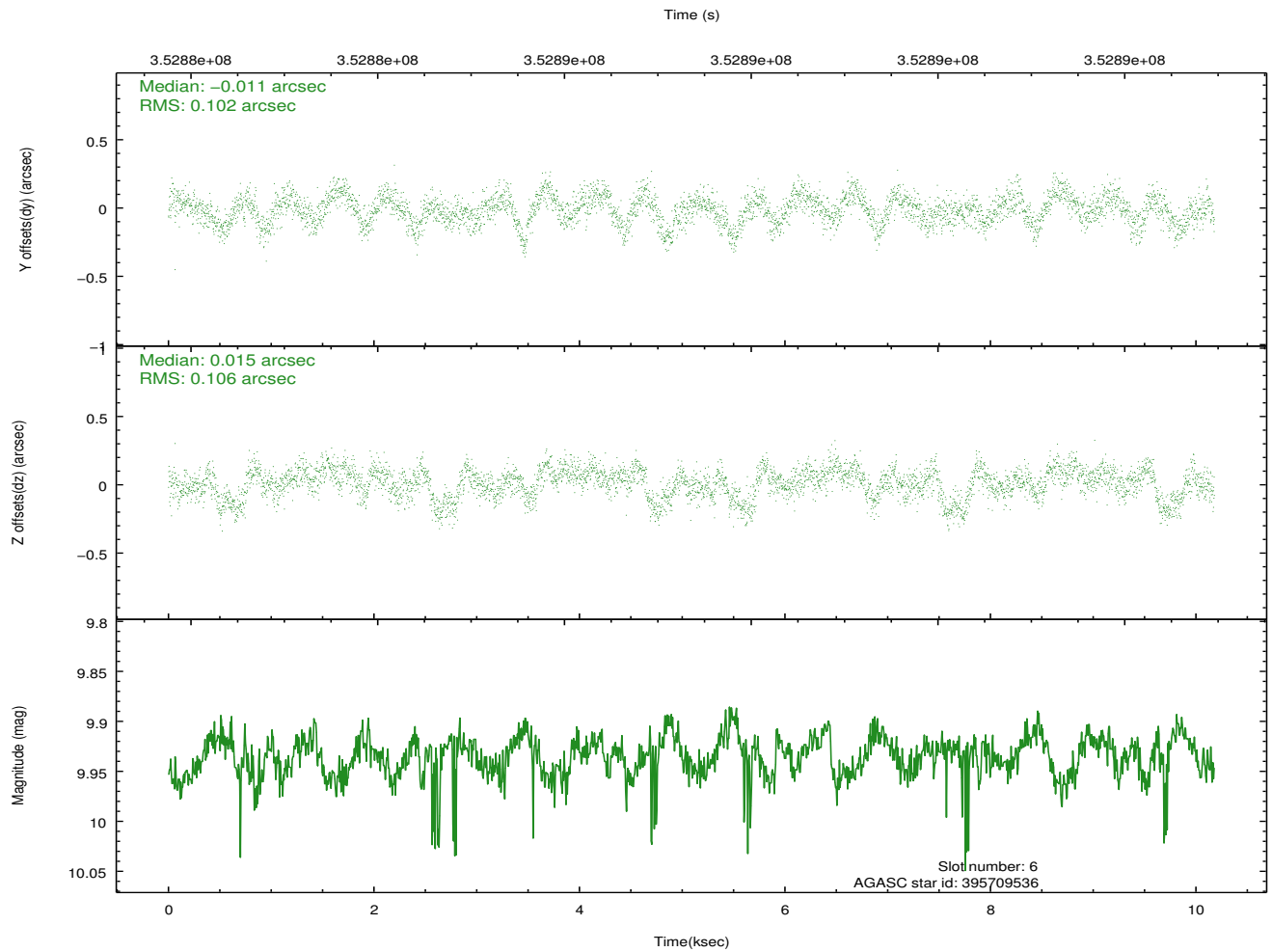
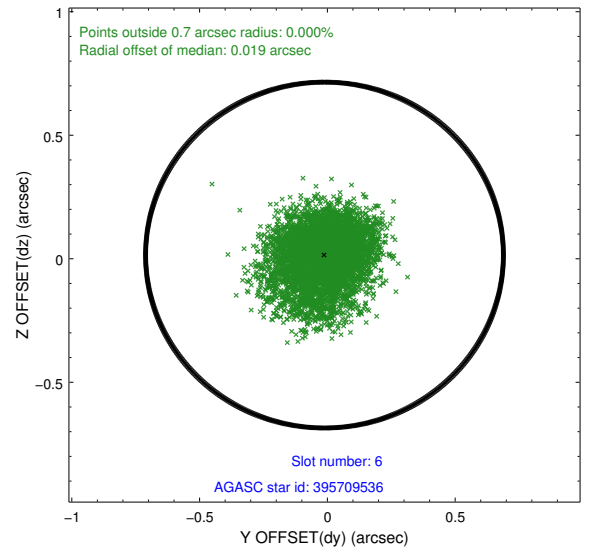
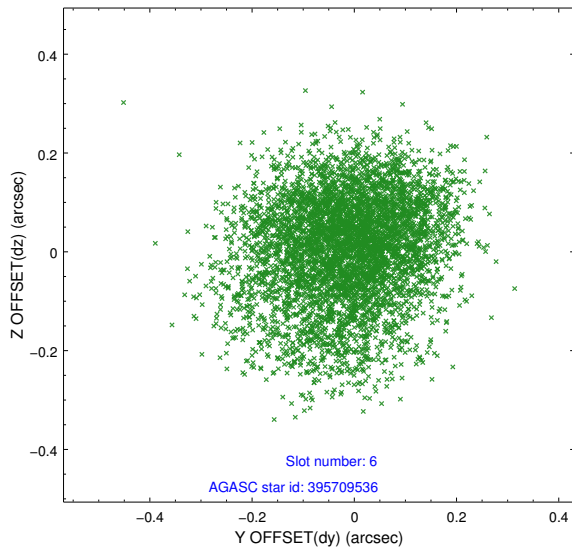
2.4.2 Slot 4



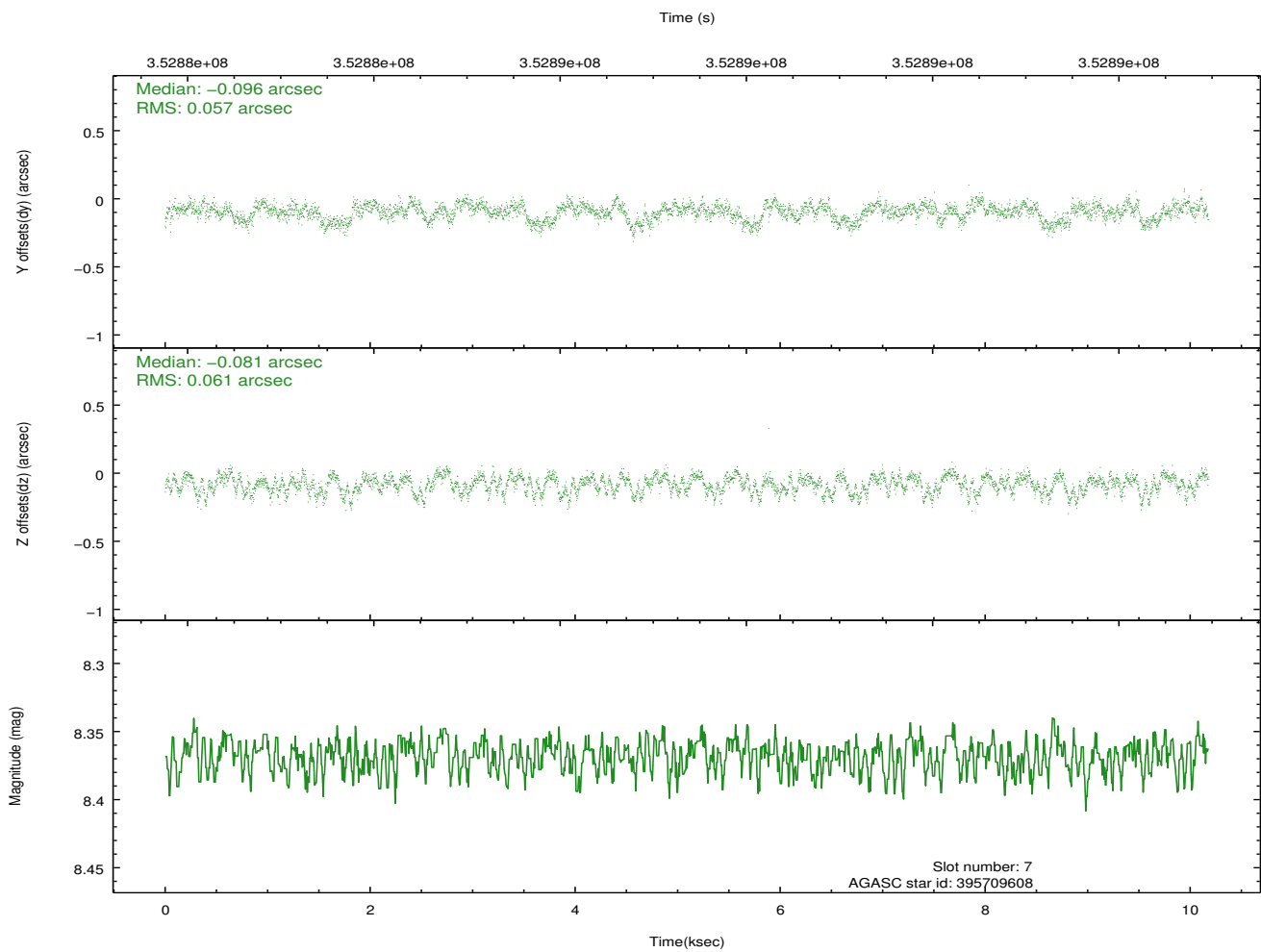
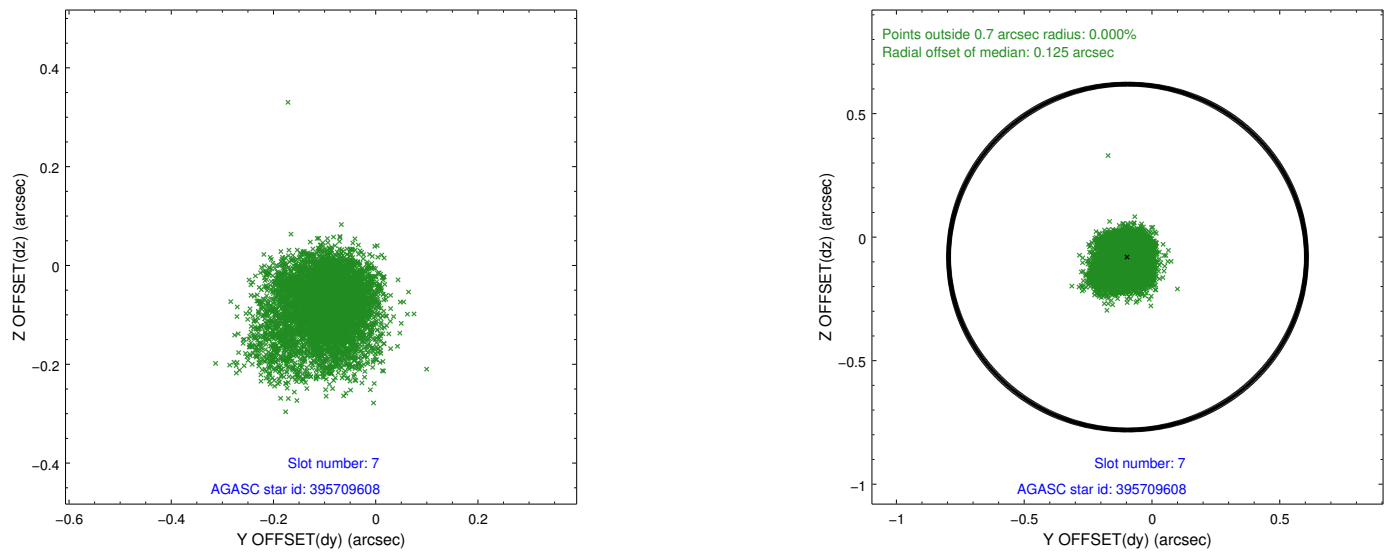
2.4.3 Slot 5



2.4.4 Slot 6

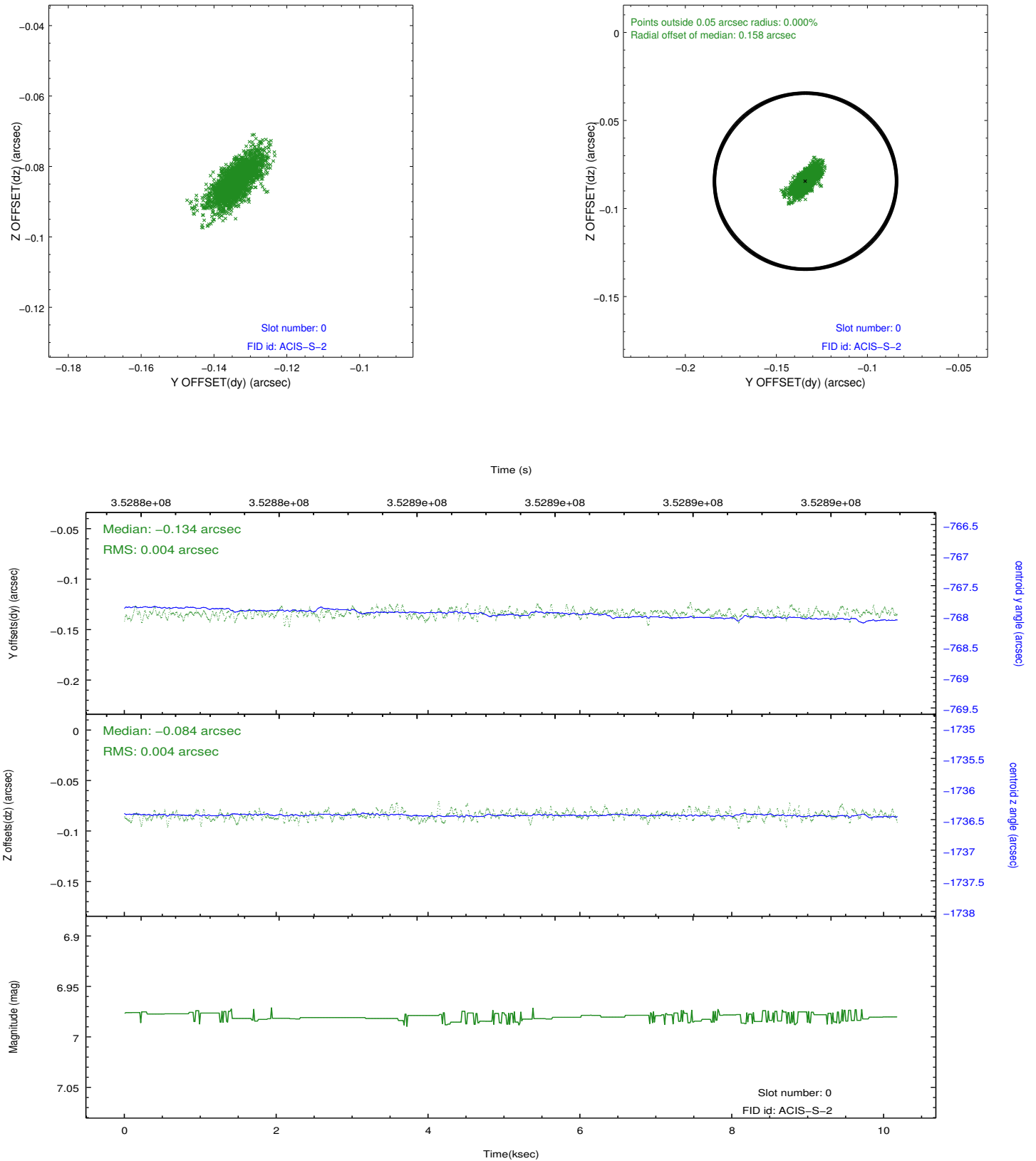


2.4.5 Slot 7

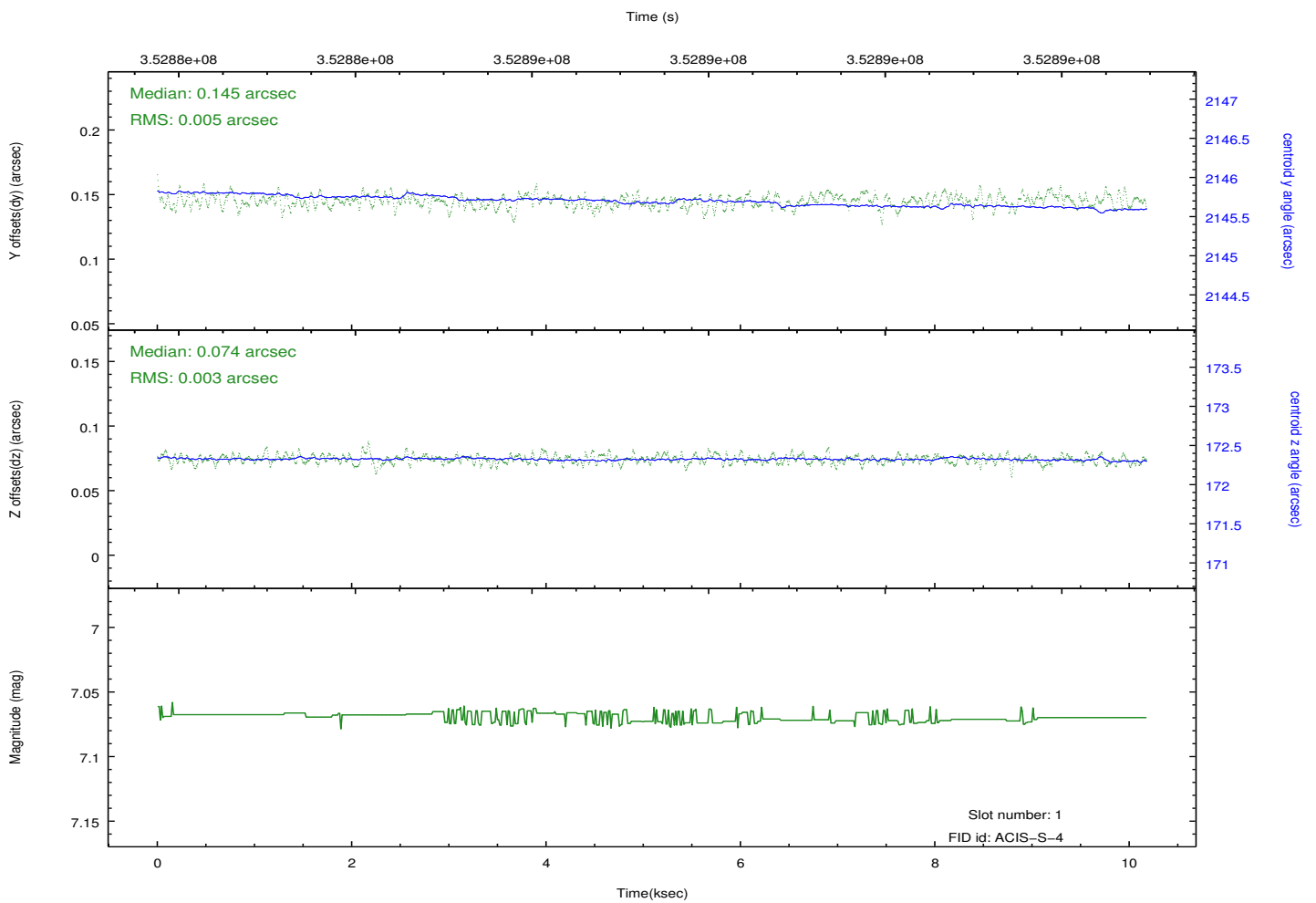
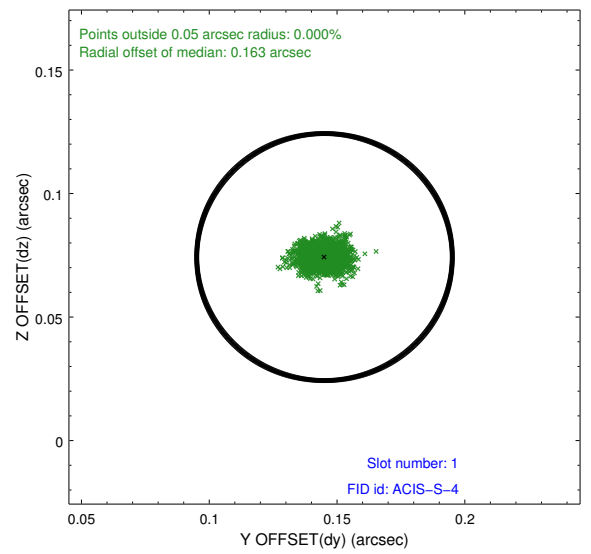
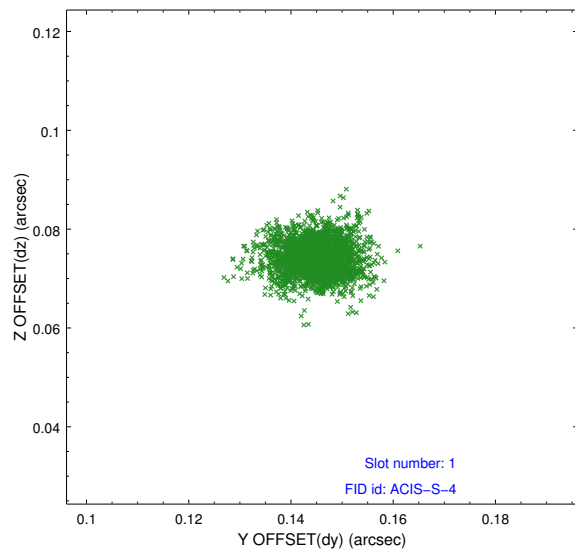


2.5 FID Slots

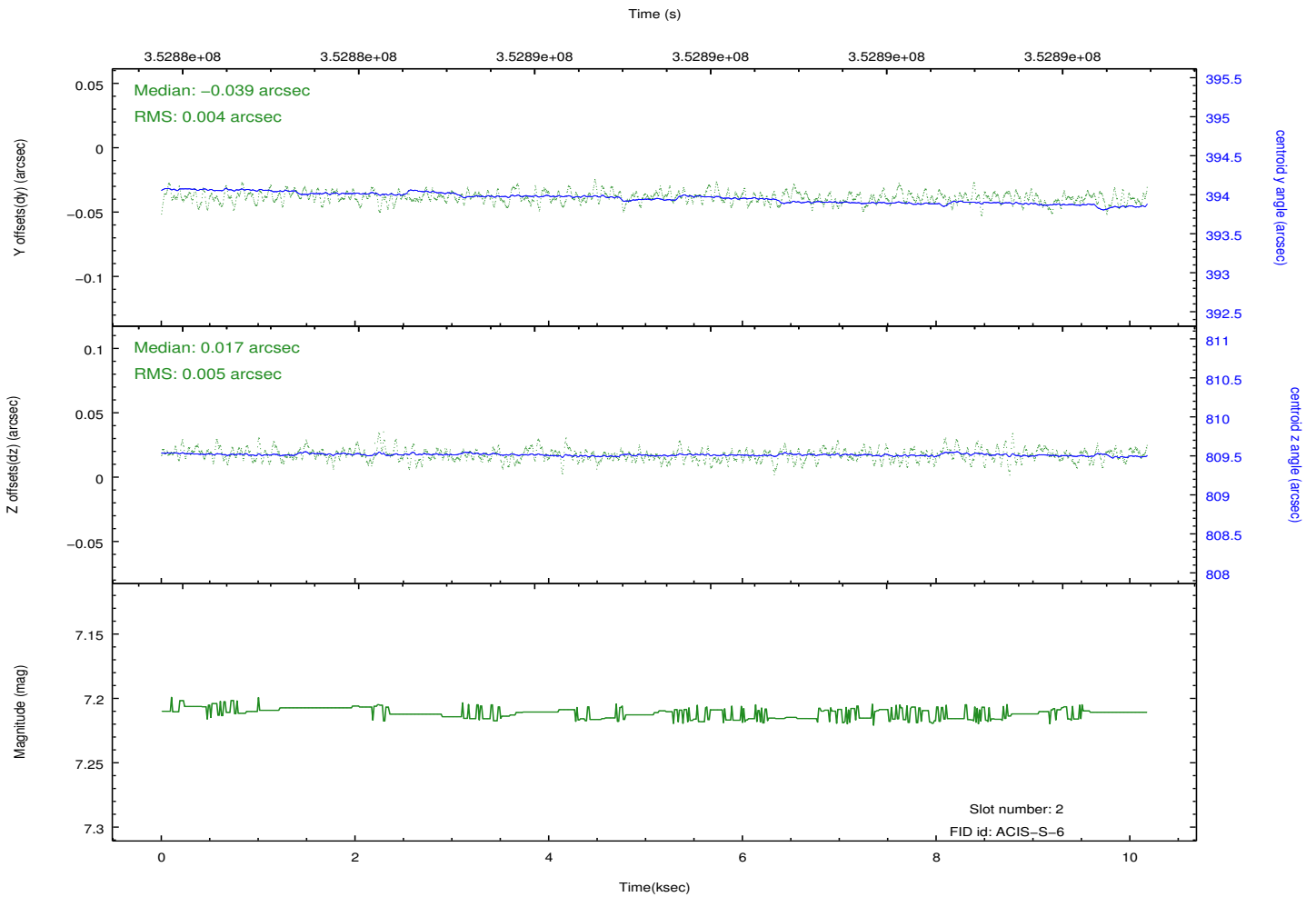
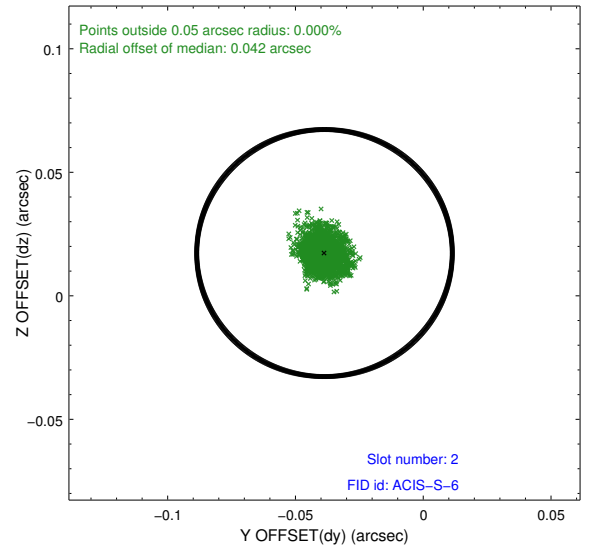
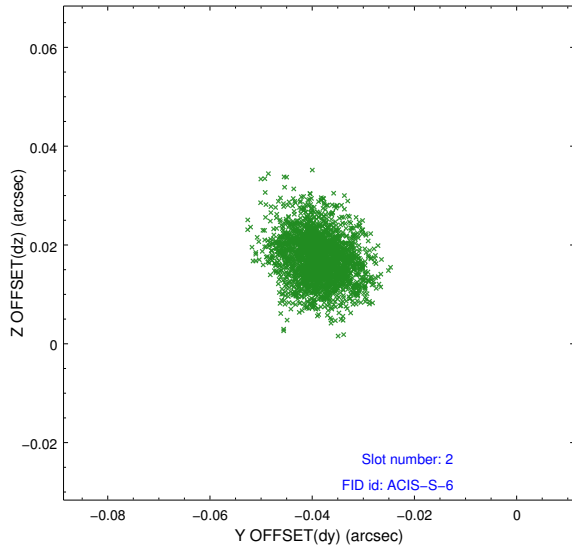
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.17175

A.2 Comments