

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10274 - L2 Version 2
Chandra X-Ray Center

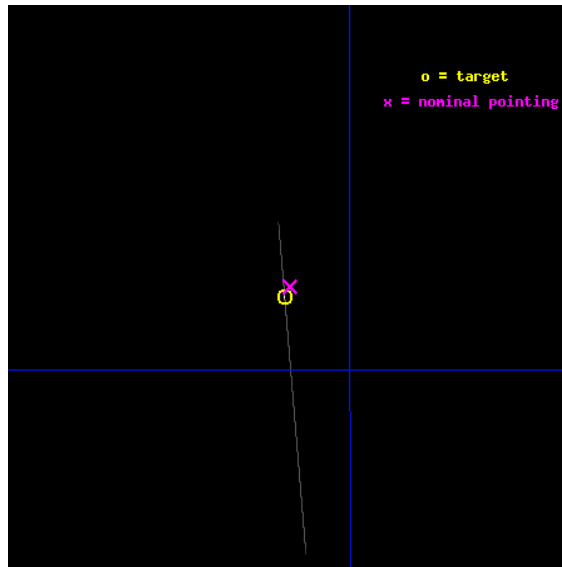
L2 Processing Date : May 28 2012

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1 Front

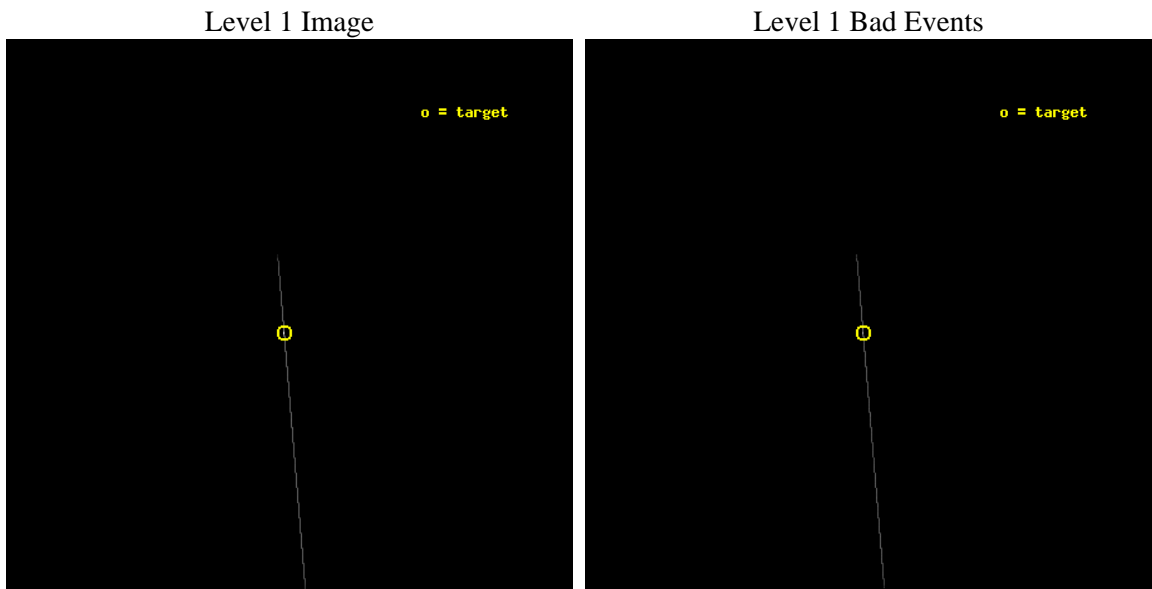
seq_num	701817	Sequence number
obs_id	10274	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.78685893186	Nominal RA [deg]
dec_nom	44.535687201084	Nominal Dec [deg]
roll_nom	85.177881331607	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10181.25	Sum of GTIs [s]
livetime	10141.479492188	Livetime [s]
ontime7	10181.25	Sum of GTIs [s]
l2events	229882	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	10181.25	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	10181.25	Sum of GTIs [s]
date	2012-05-28T12:17:29	Date and time of file creation	l1events	253295	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

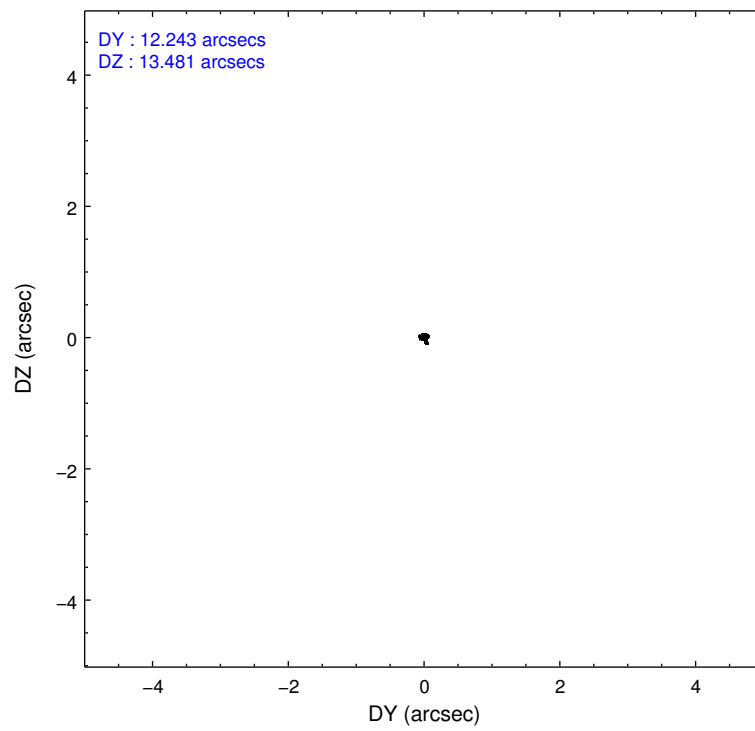
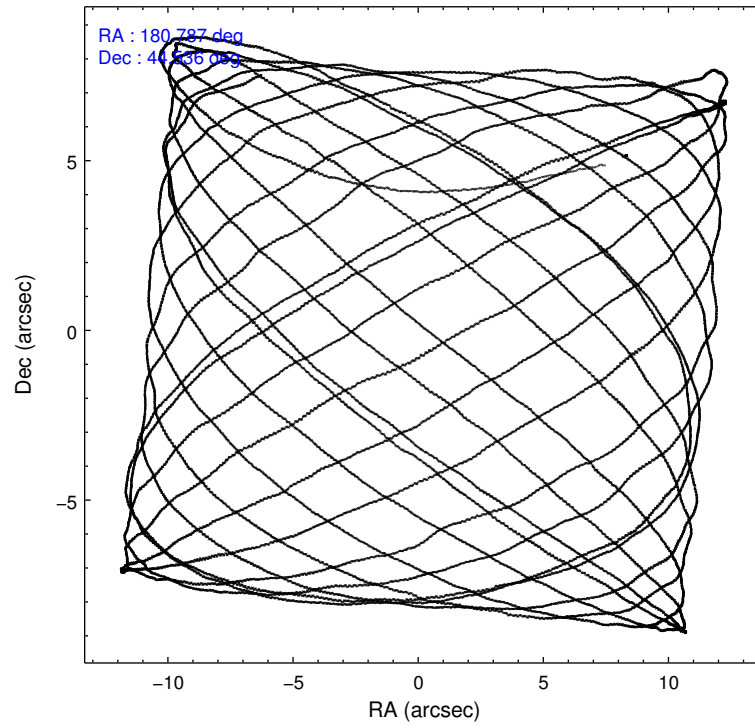
	ccd 7
level 1 events	253295
rejected events	20966
rejected %	8%

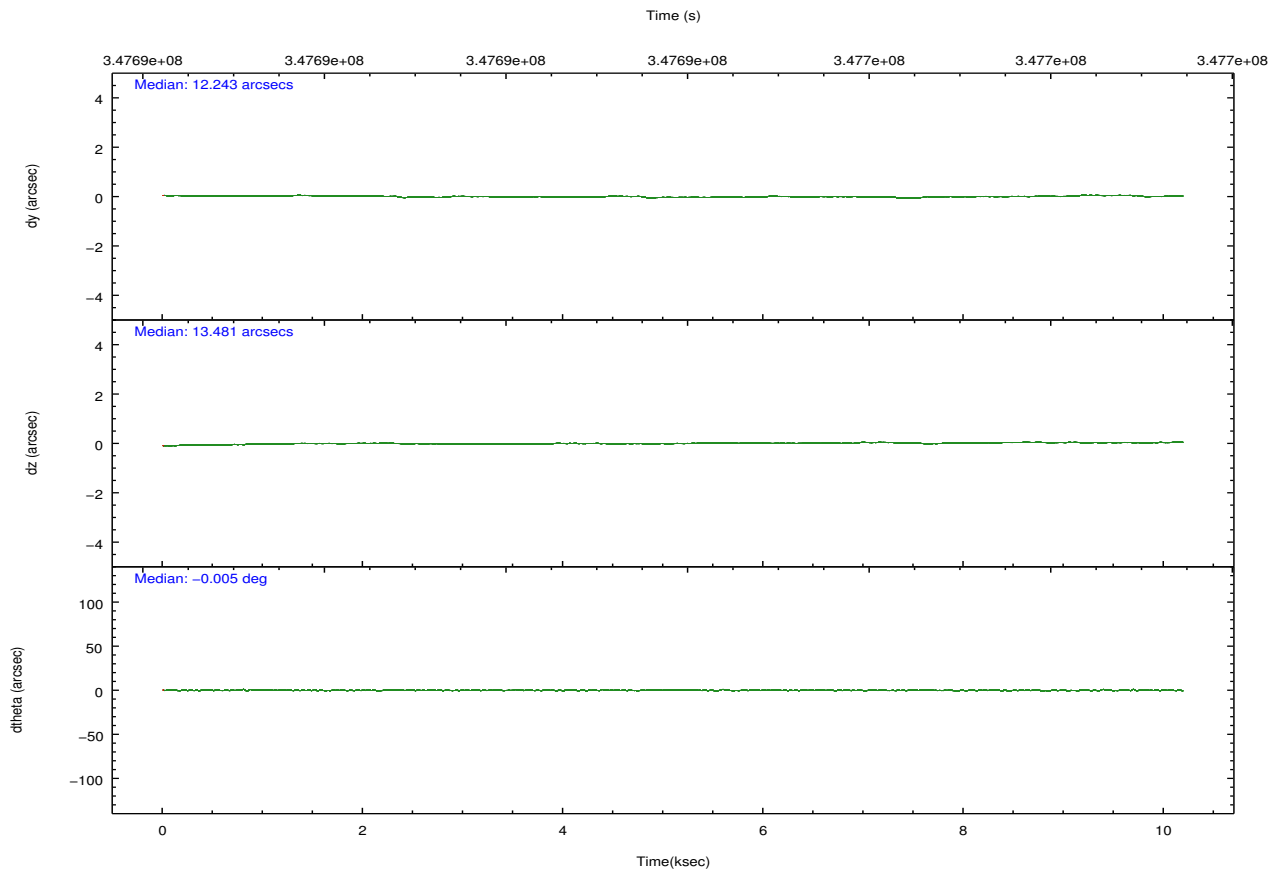
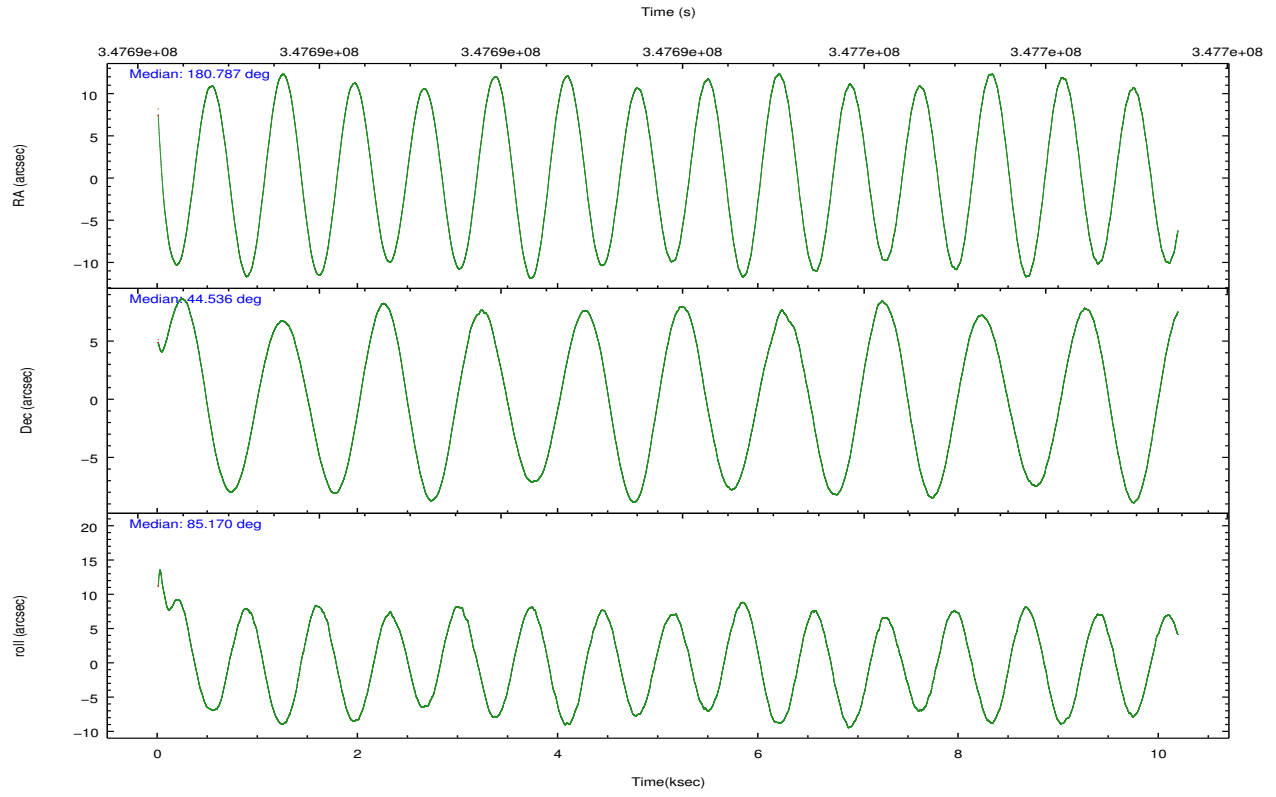
	ccd 7
grade 0 events	67639
	26%
grade 1 events	1582
	0%
grade 2 events	64712
	25%
grade 3 events	18931
	7%
grade 4 events	18873
	7%
grade 5 events	14325
	5%
grade 6 events	67233
	26%
grade 7 events	0
	0%

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	180.803713	180.7868589318626	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.511070	44.53568720108431	Alternating exposures requested	N	N
[deg] Pointing Roll	85.009421	85.17788133160683	[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	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	347688934.184000	347688149.23653			
Observation start date	2009-01-07T04:14:28	2009-01-07T04:02:29			
[s] Observation end time (MET)	347698934.184000	347699465.23709			
Observation end date	2009-01-07T07:01:08	2009-01-07T07:11:05			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect





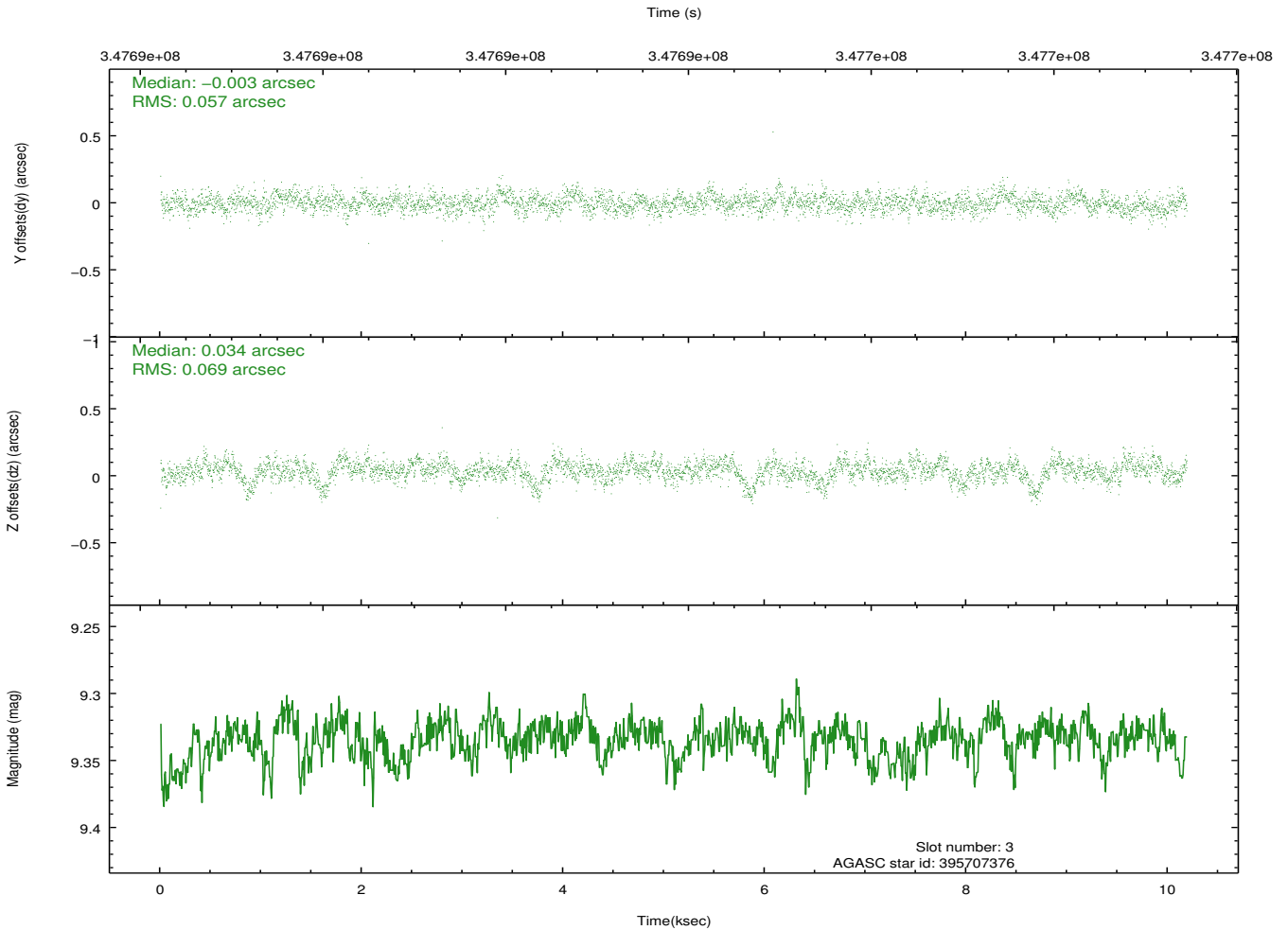
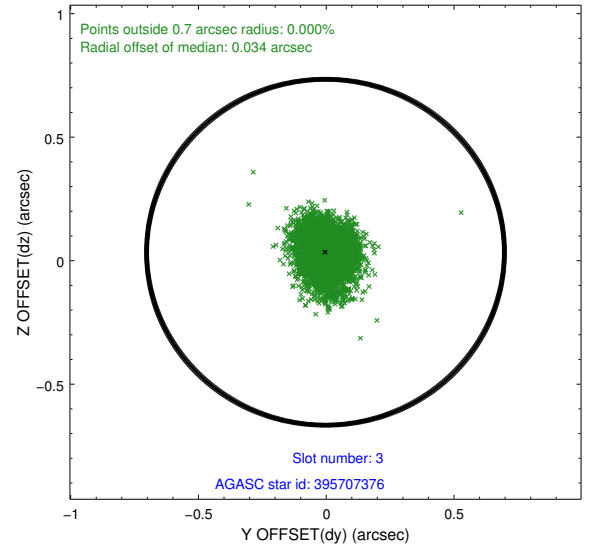
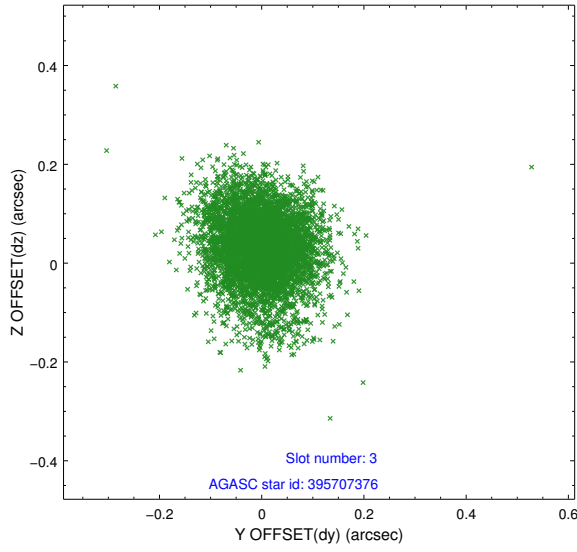
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.08	2485	0.068	-0.026	0.007	0.011	0.000000	0.000000	930.94	-1730.38
1	FID	ACIS-S-4	7.07	2485	0.078	-0.010	0.006	0.010	0.000000	0.000000	2148.66	173.24
2	FID	ACIS-S-5	7.11	2485	-0.173	0.049	0.006	0.010	0.000000	0.000000	-1817.49	167.52
3	GUIDE	395707376	9.33	4968	-0.003	0.034	0.093	0.159	180.967983	44.858789	1283.72	-308.49
4	GUIDE	395708616	7.98	4966	-0.051	-0.178	0.081	0.128	180.101872	44.630343	279.20	1828.90
5	GUIDE	395708696	8.87	4967	0.024	0.055	0.078	0.126	180.383726	44.624291	315.27	1108.08
6	GUIDE	395709608	8.37	4969	0.090	0.009	0.061	0.100	181.055130	44.450389	-160.05	-662.47
7	GUIDE	395710032	8.80	4966	-0.061	0.083	0.085	0.139	181.512910	44.376001	-317.50	-1859.74

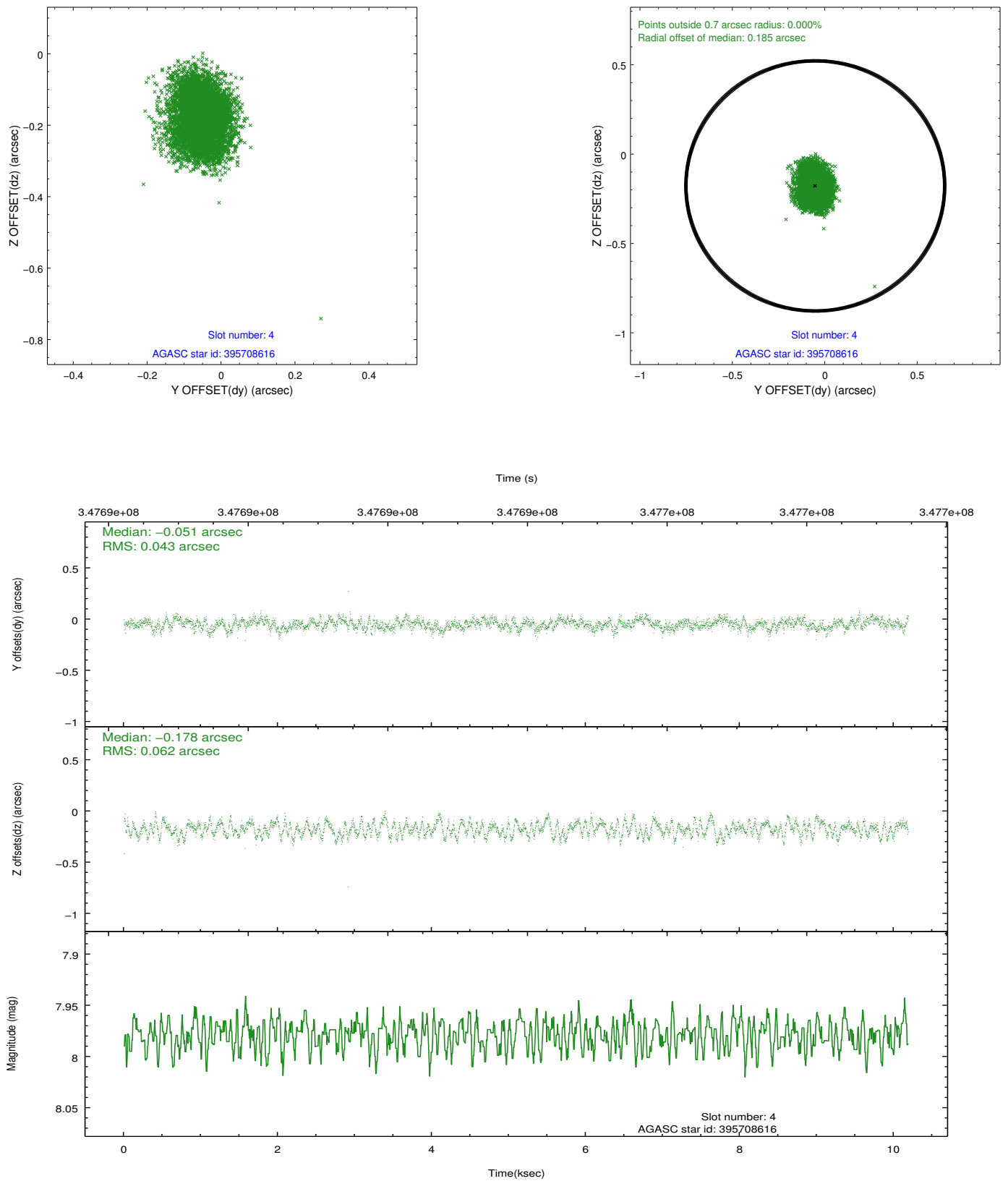
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2.4 Star Slots

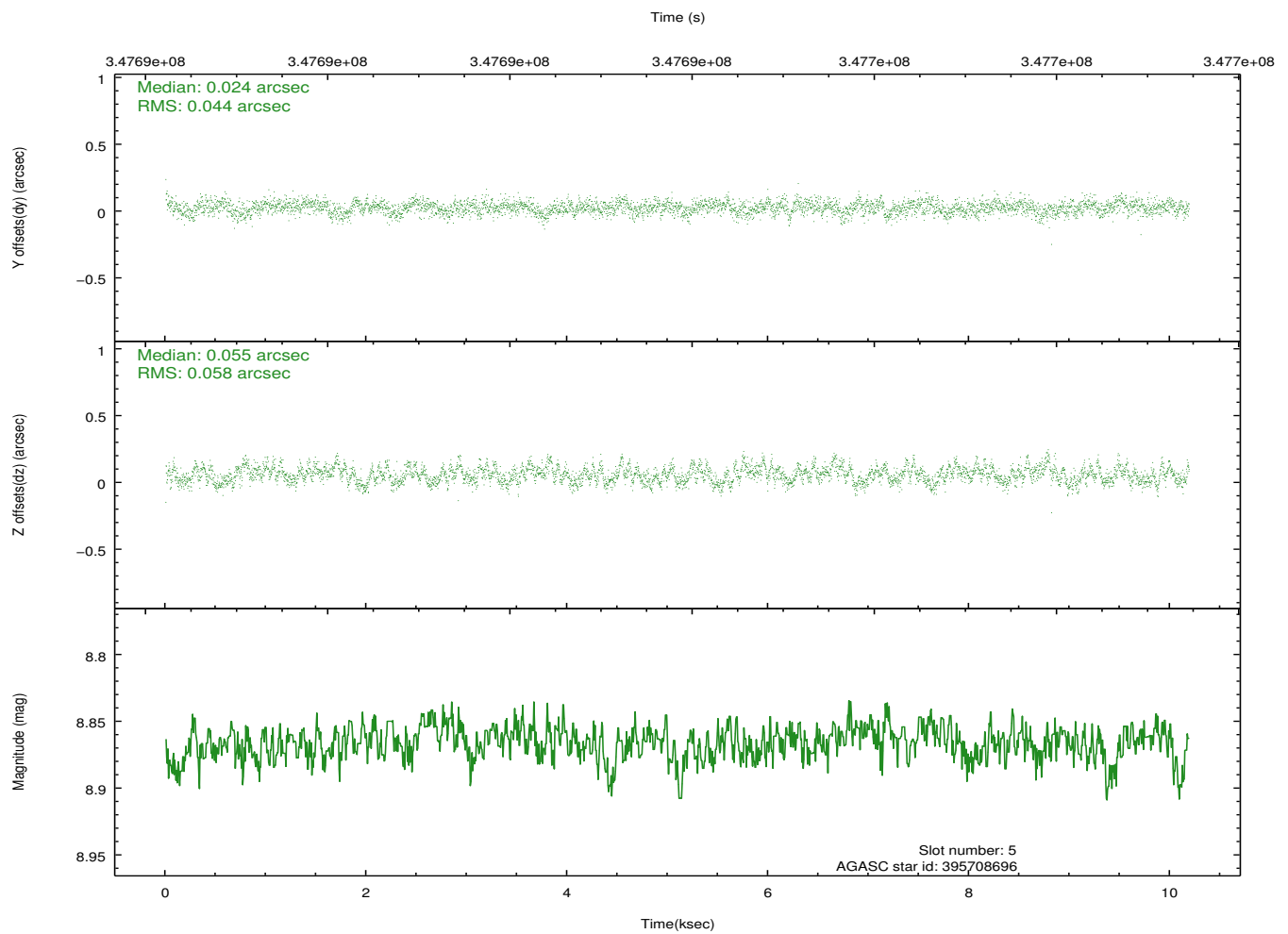
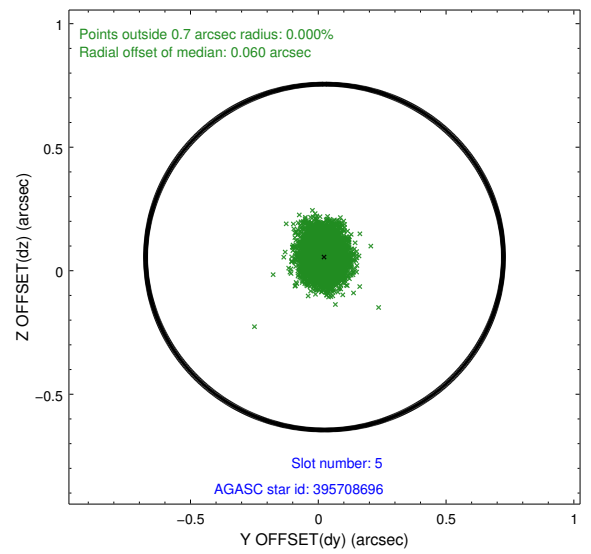
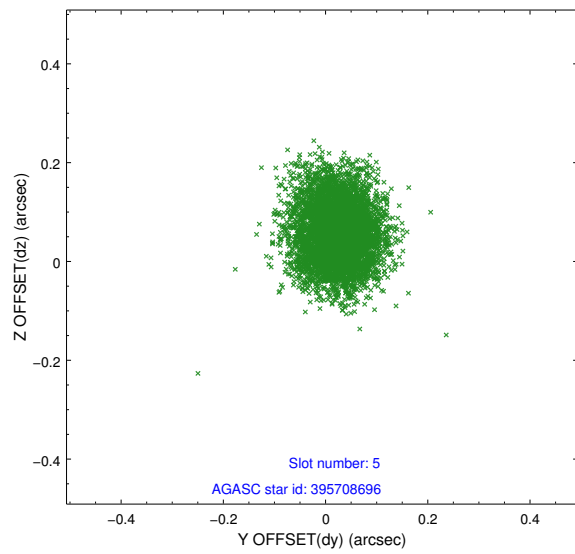
2.4.1 Slot 3



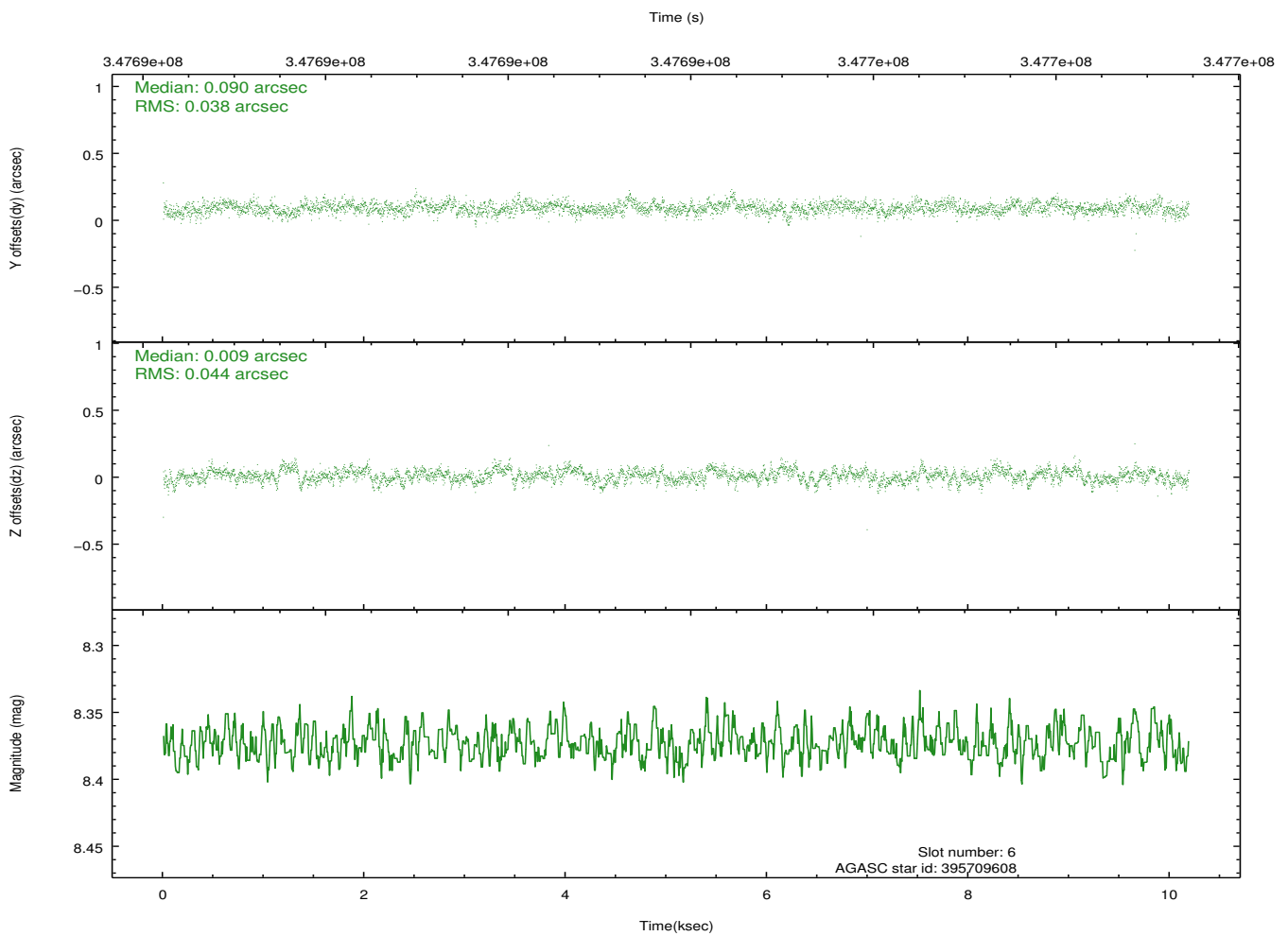
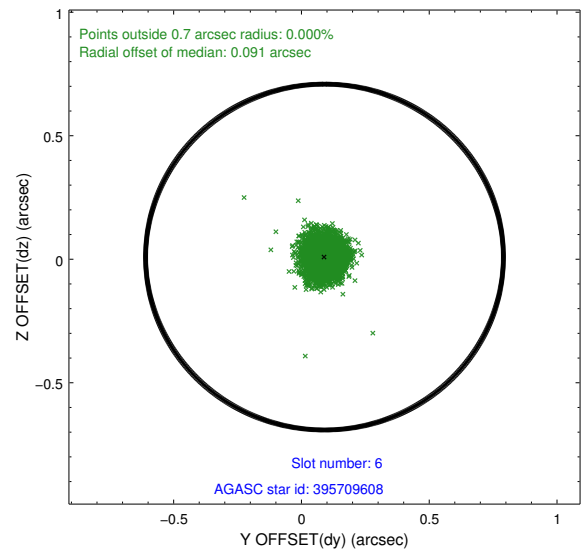
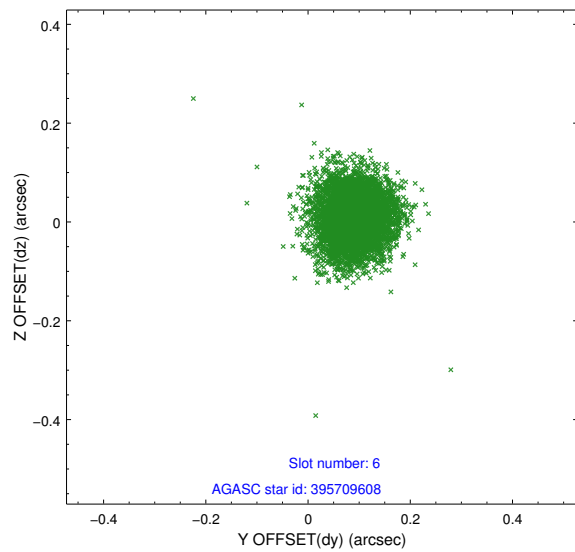
2.4.2 Slot 4



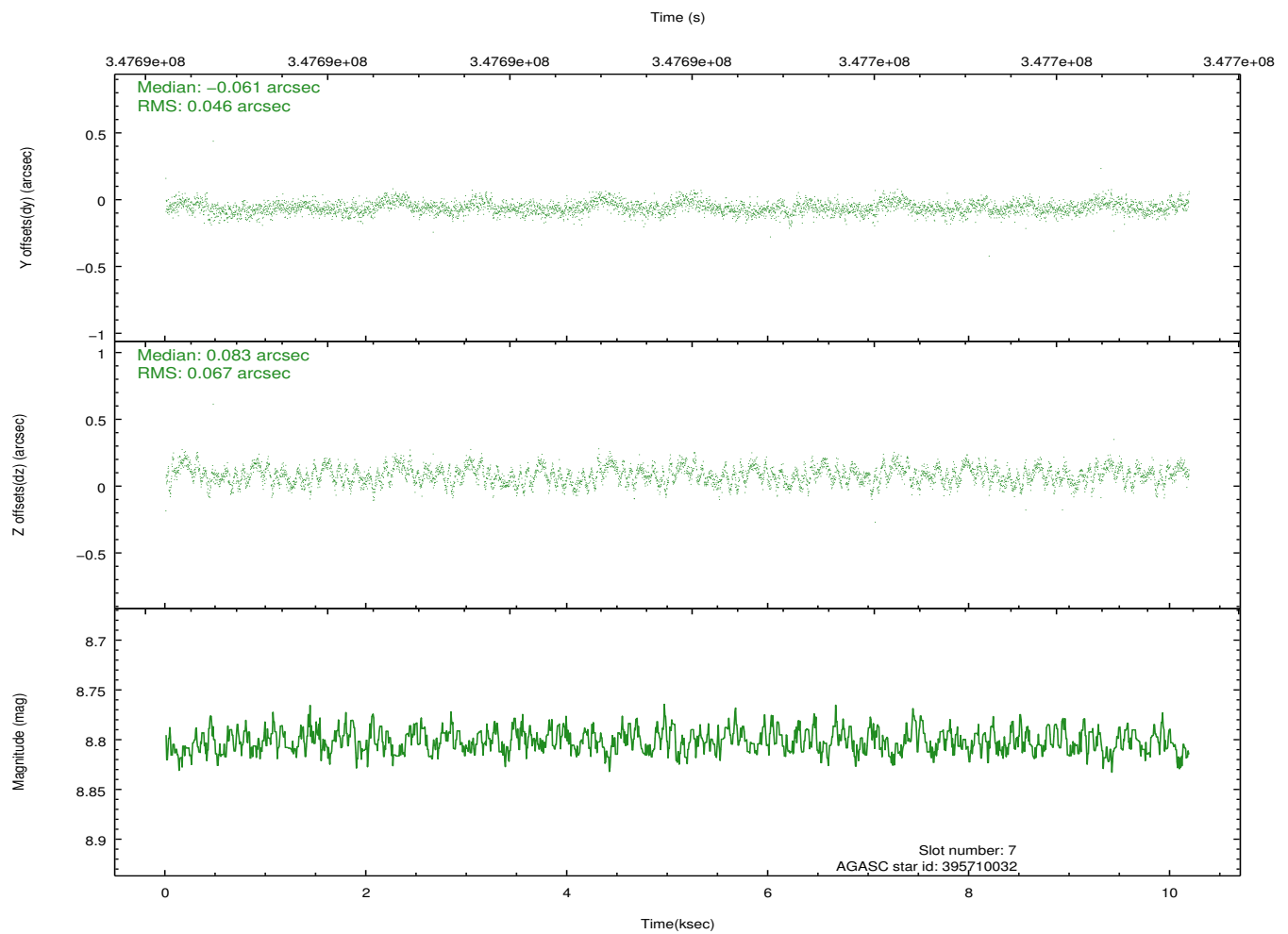
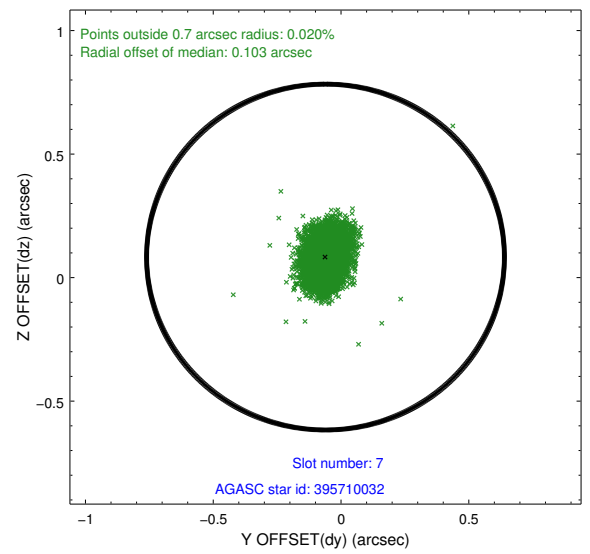
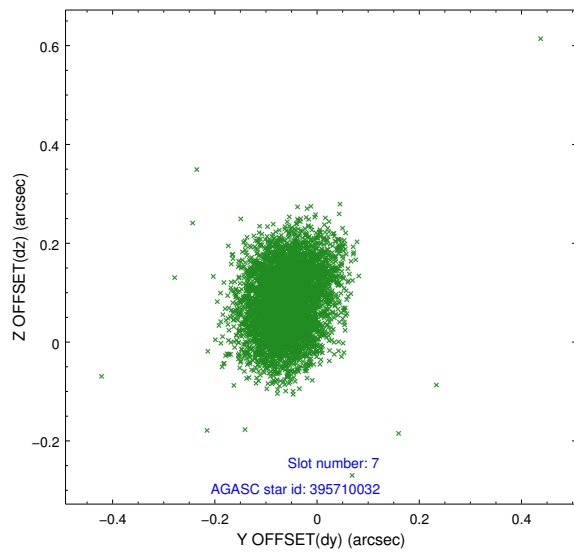
2.4.3 Slot 5



2.4.4 Slot 6

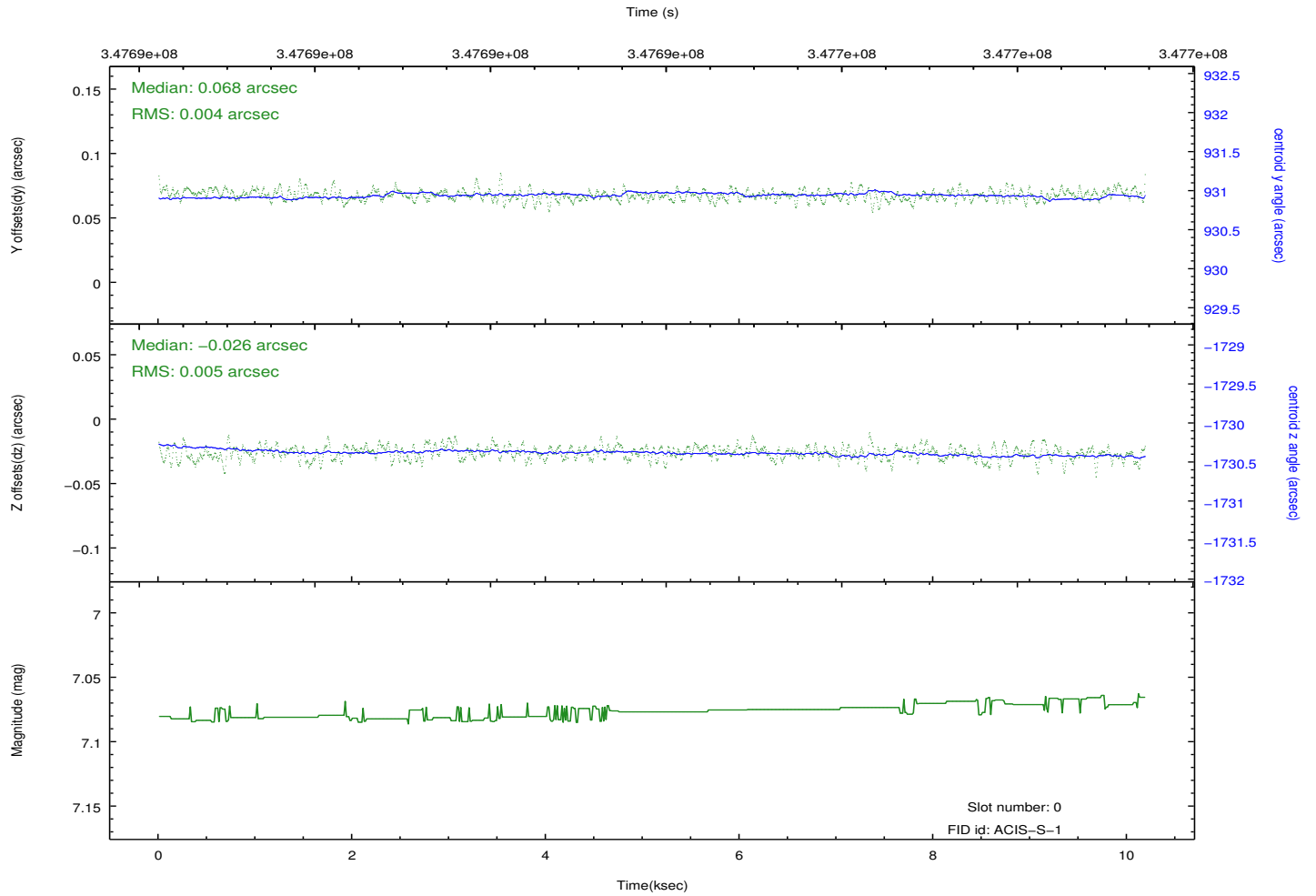
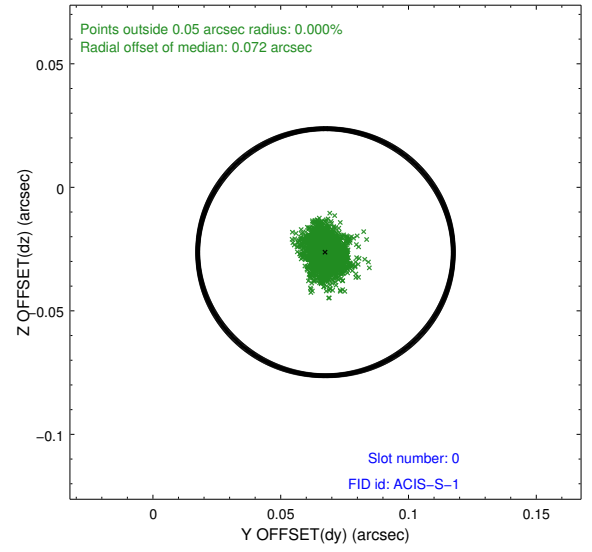
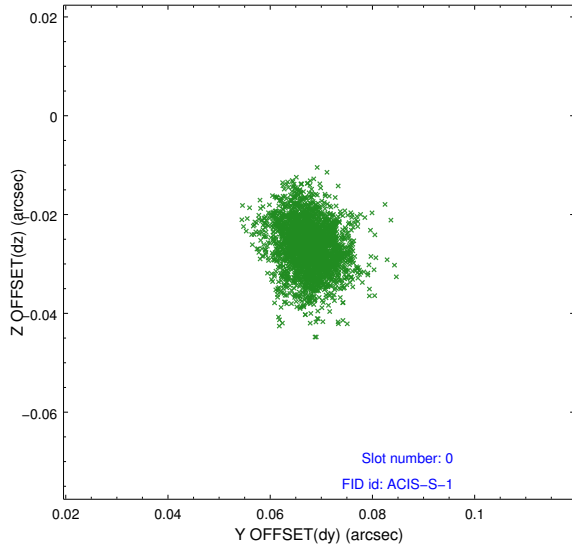


2.4.5 Slot 7

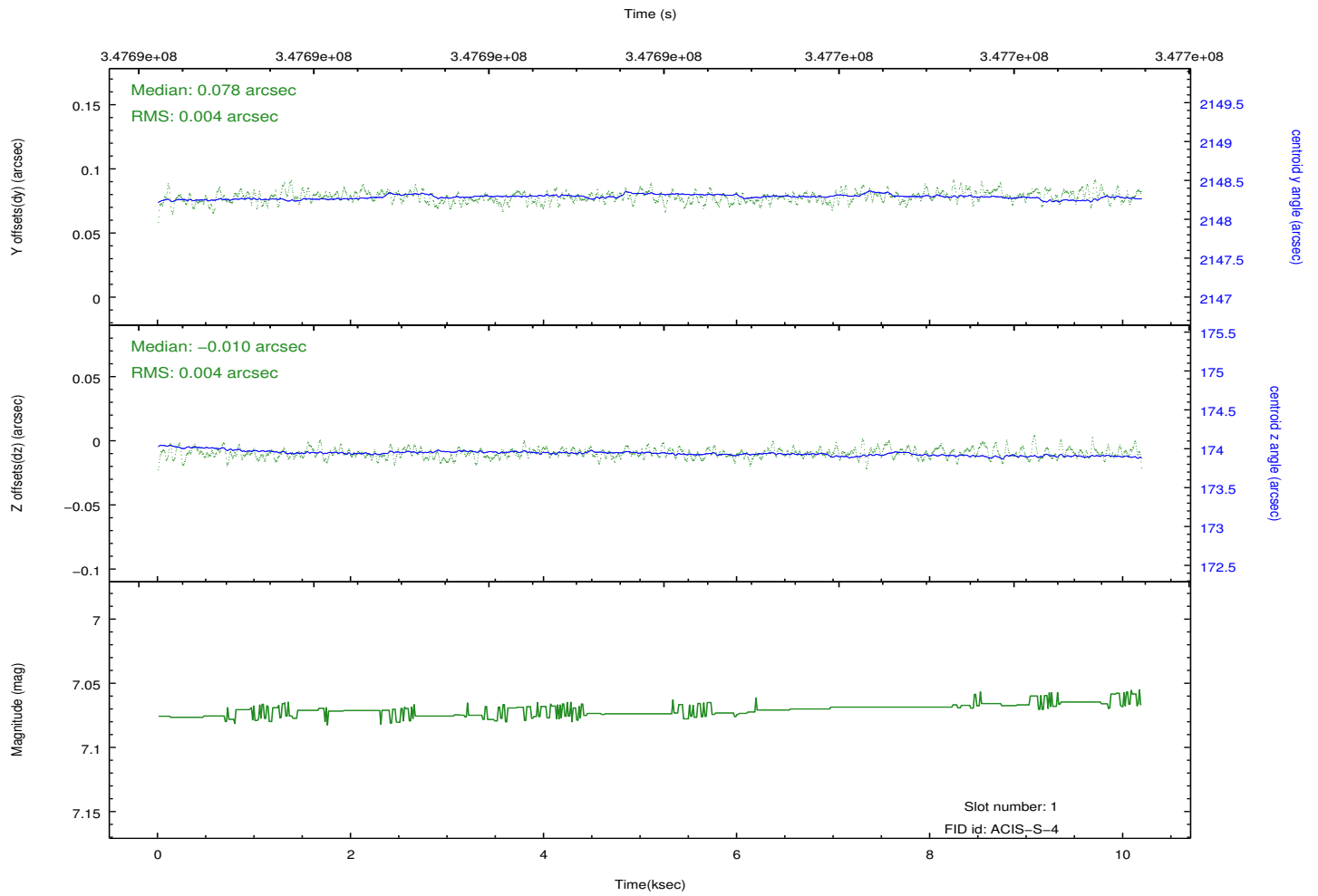
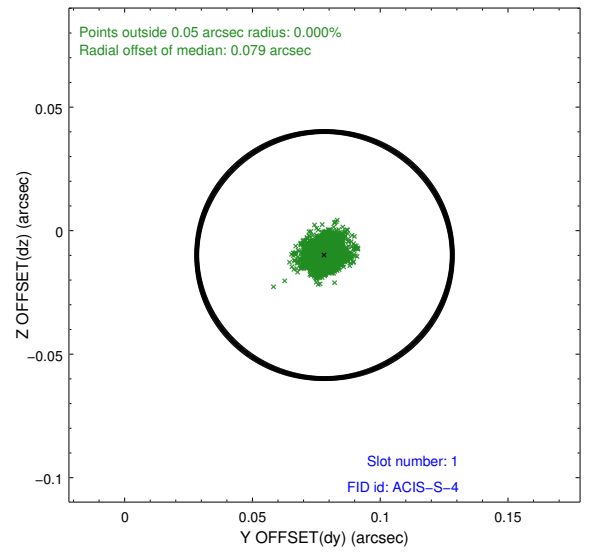
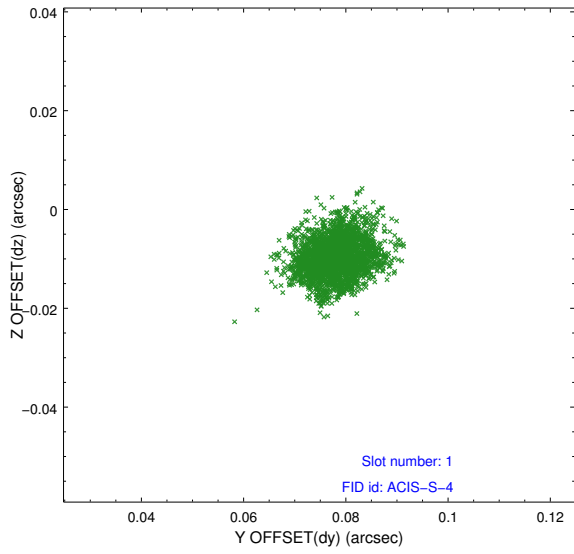


2.5 FID Slots

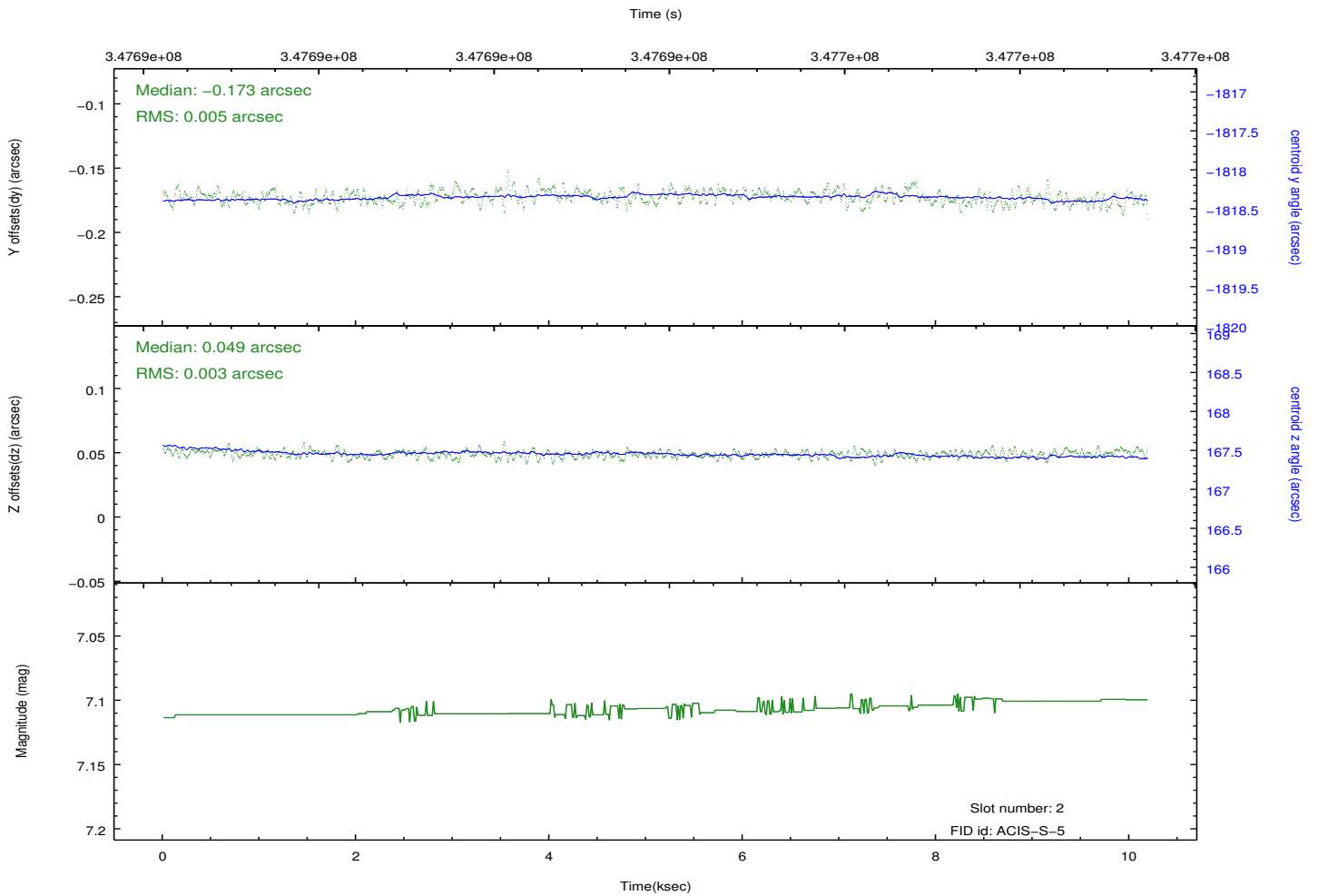
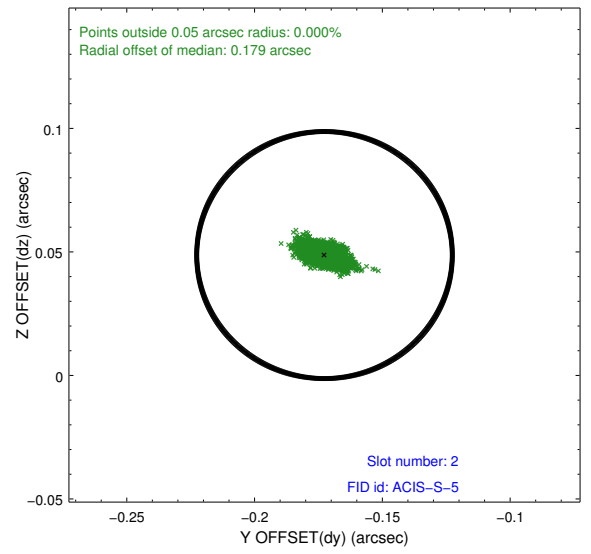
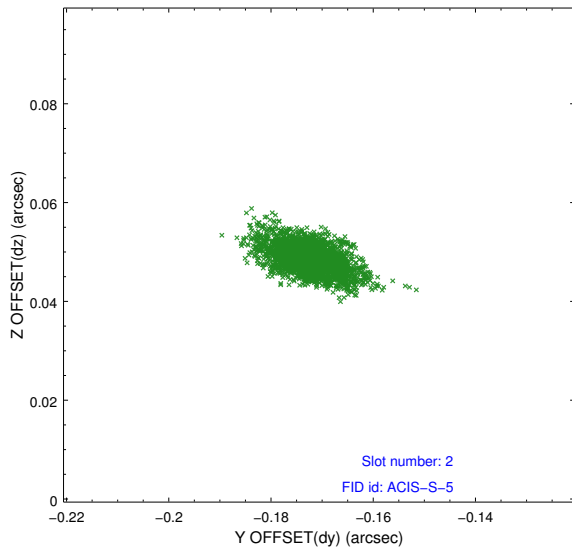
2.5.1 Slot 0



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)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.18125

A.2 Comments