

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10278 - L2 Version 2
Chandra X-Ray Center

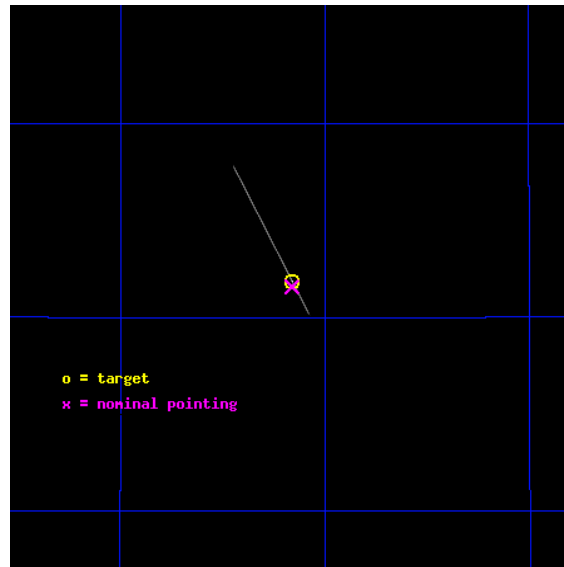
L2 Processing Date : Jun 8 2012

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1 Front

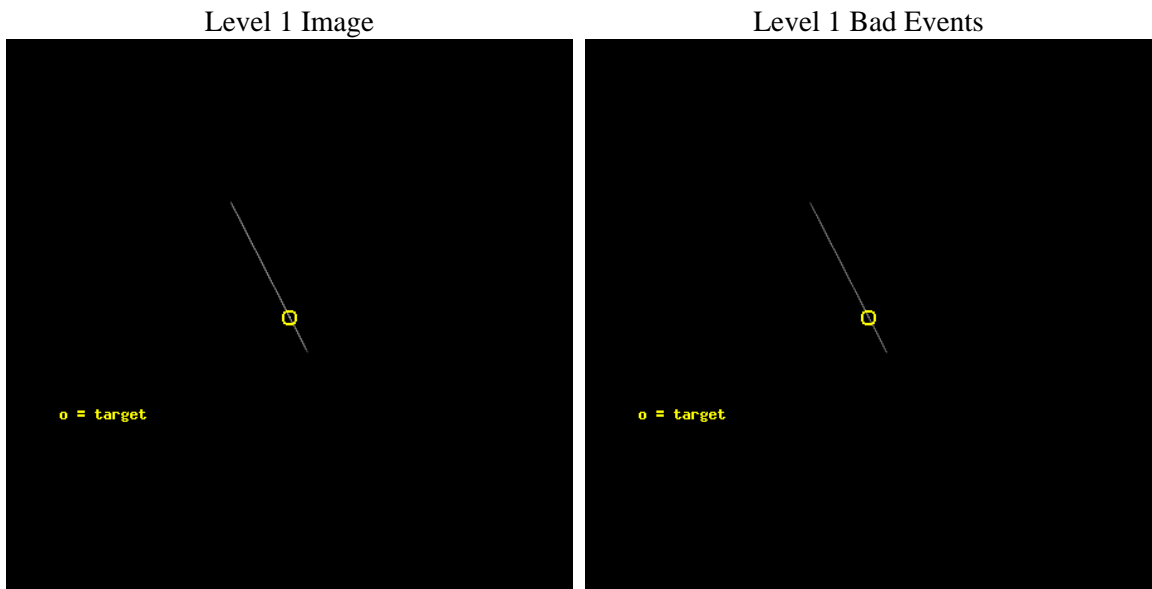
seq_num	701821	Sequence number
obs_id	10278	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.79043751544	Nominal RA [deg]
dec_nom	44.526477529604	Nominal Dec [deg]
roll_nom	242.62689720193	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10155.0	Sum of GTIs [s]
livetime	10115.33203125	Livetime [s]
ontime7	10155.0	Sum of GTIs [s]
l2events	107211	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	8.4.5	Processing system revision	ontime	10155.0	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	10155.0	Sum of GTIs [s]
date	2012-06-08T07:03:20	Date and time of file creation	l1events	125775	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

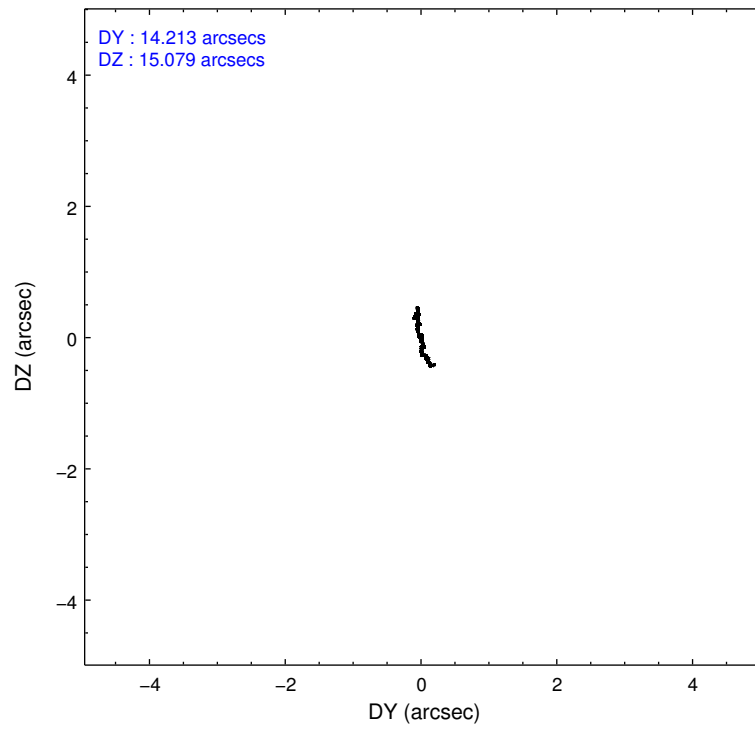
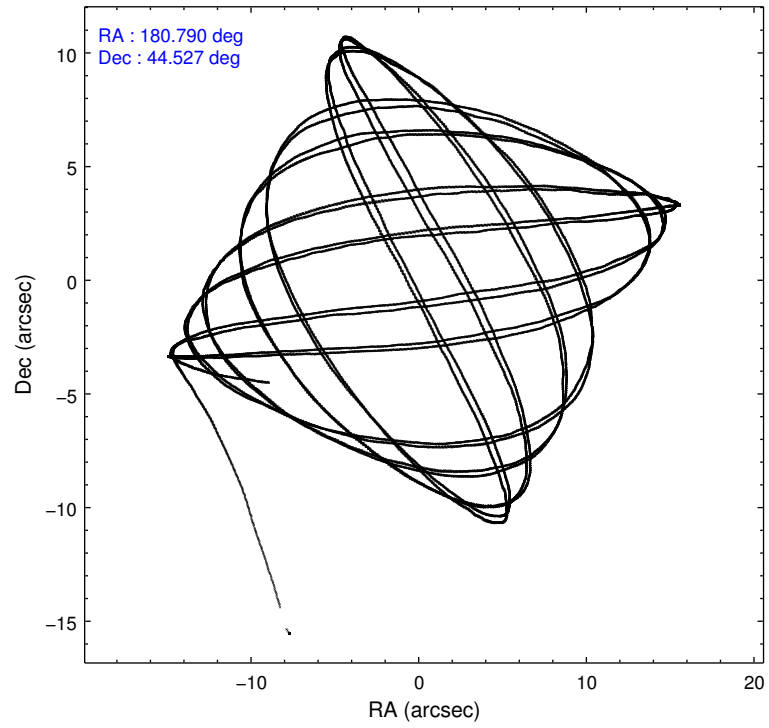
	ccd 7
level 1 events	125775
rejected events	16095
rejected %	12%

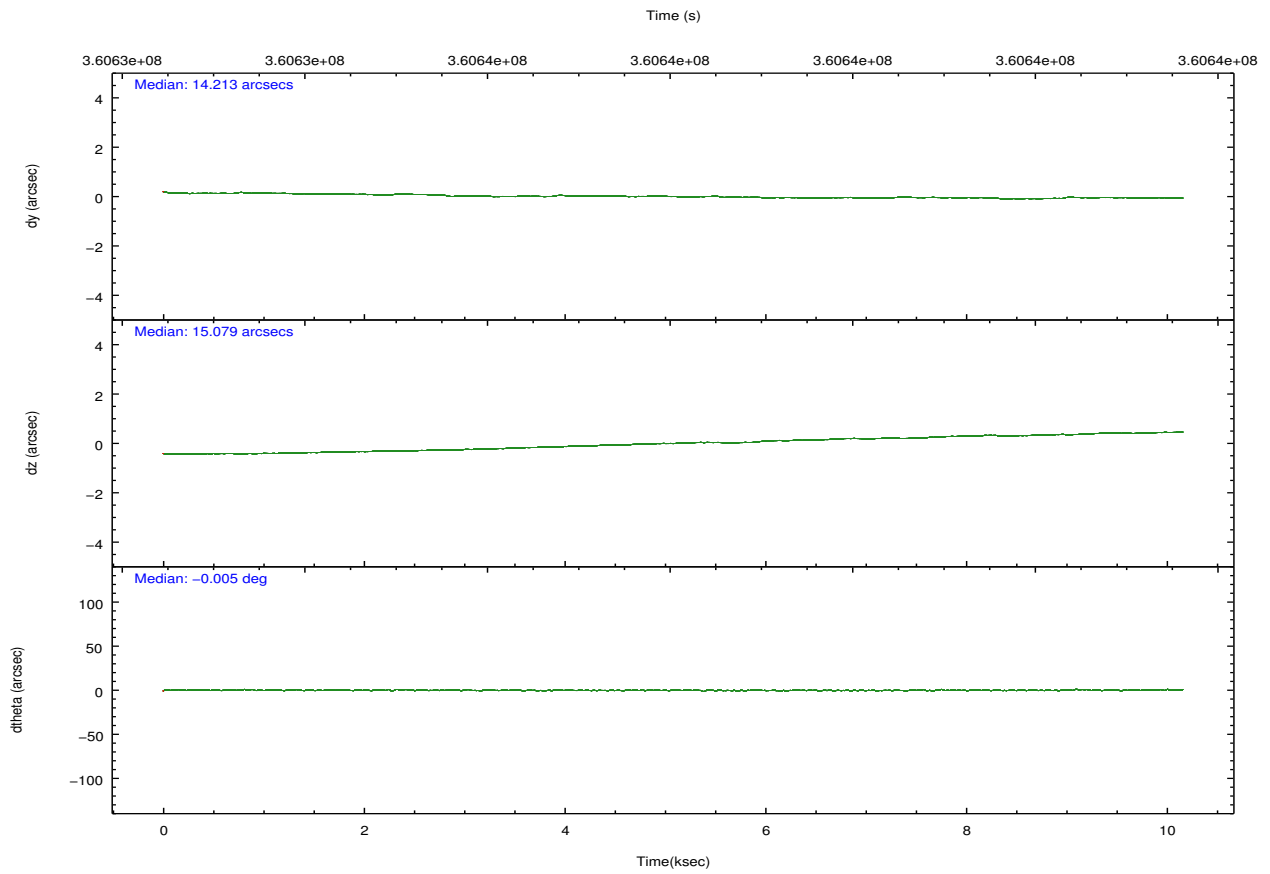
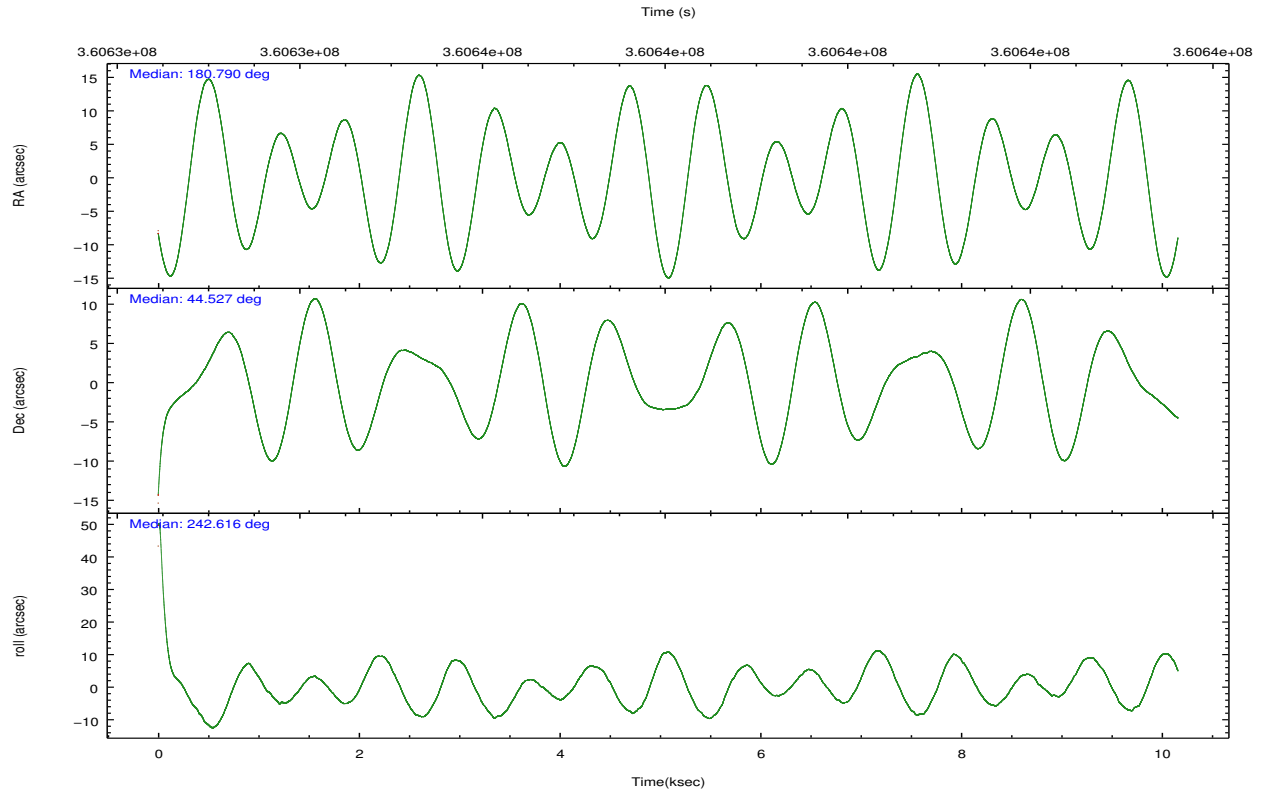
	ccd 7
grade 0 events	21069
	16%
grade 1 events	230
	0%
grade 2 events	31617
	25%
grade 3 events	6594
	5%
grade 4 events	6549
	5%
grade 5 events	10707
	8%
grade 6 events	49009
	38%
grade 7 events	0
	0%

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	180.788220	180.7904375154401	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.553796	44.52647752960449	Alternating exposures requested	N	N
[deg] Pointing Roll	242.471756	242.6268972019258	[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)	360633116.184000	360632155.32968			
Observation start date	2009-06-05T23:50:50	2009-06-05T23:35:55			
[s] Observation end time (MET)	360643116.184000	360643837.25527			
Observation end date	2009-06-06T02:37:30	2009-06-06T02:50:37			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



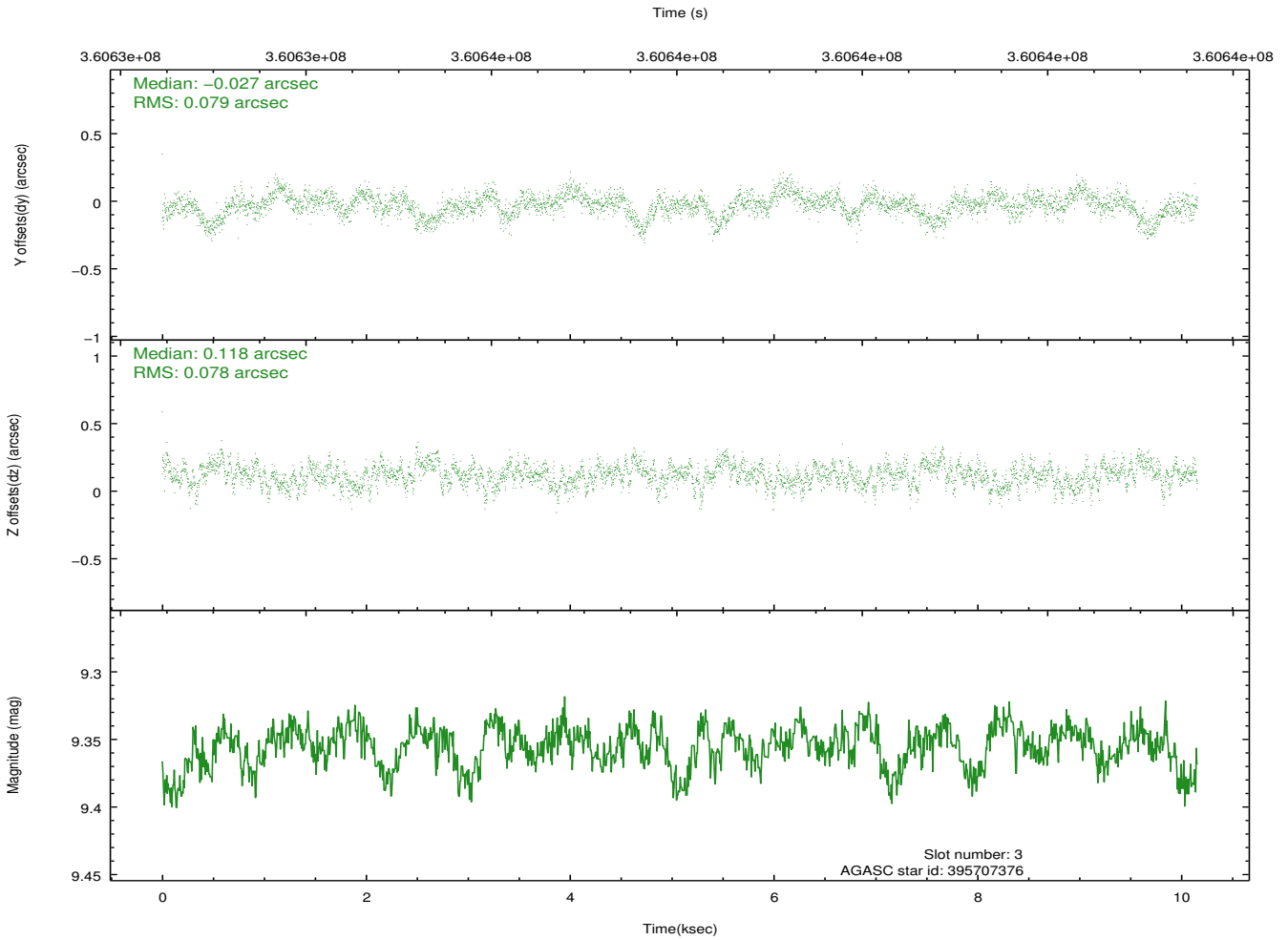
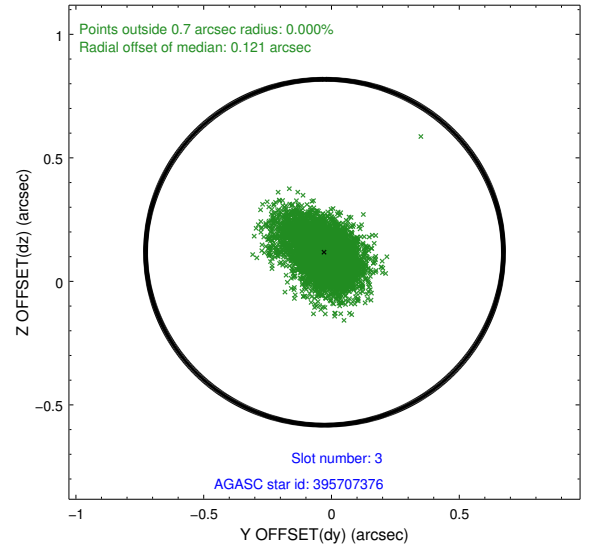
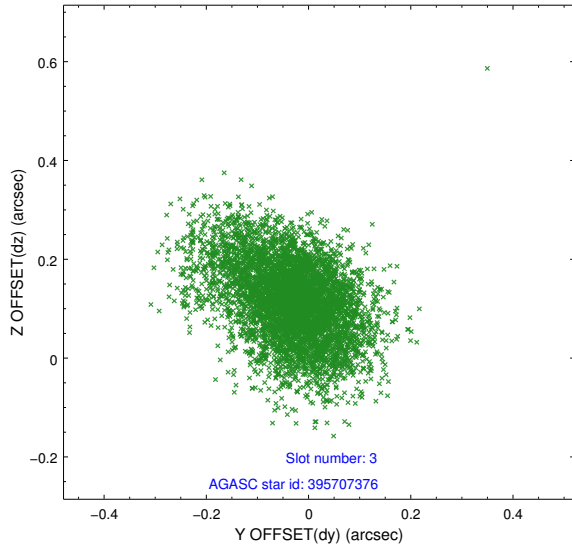


Slot Statistics

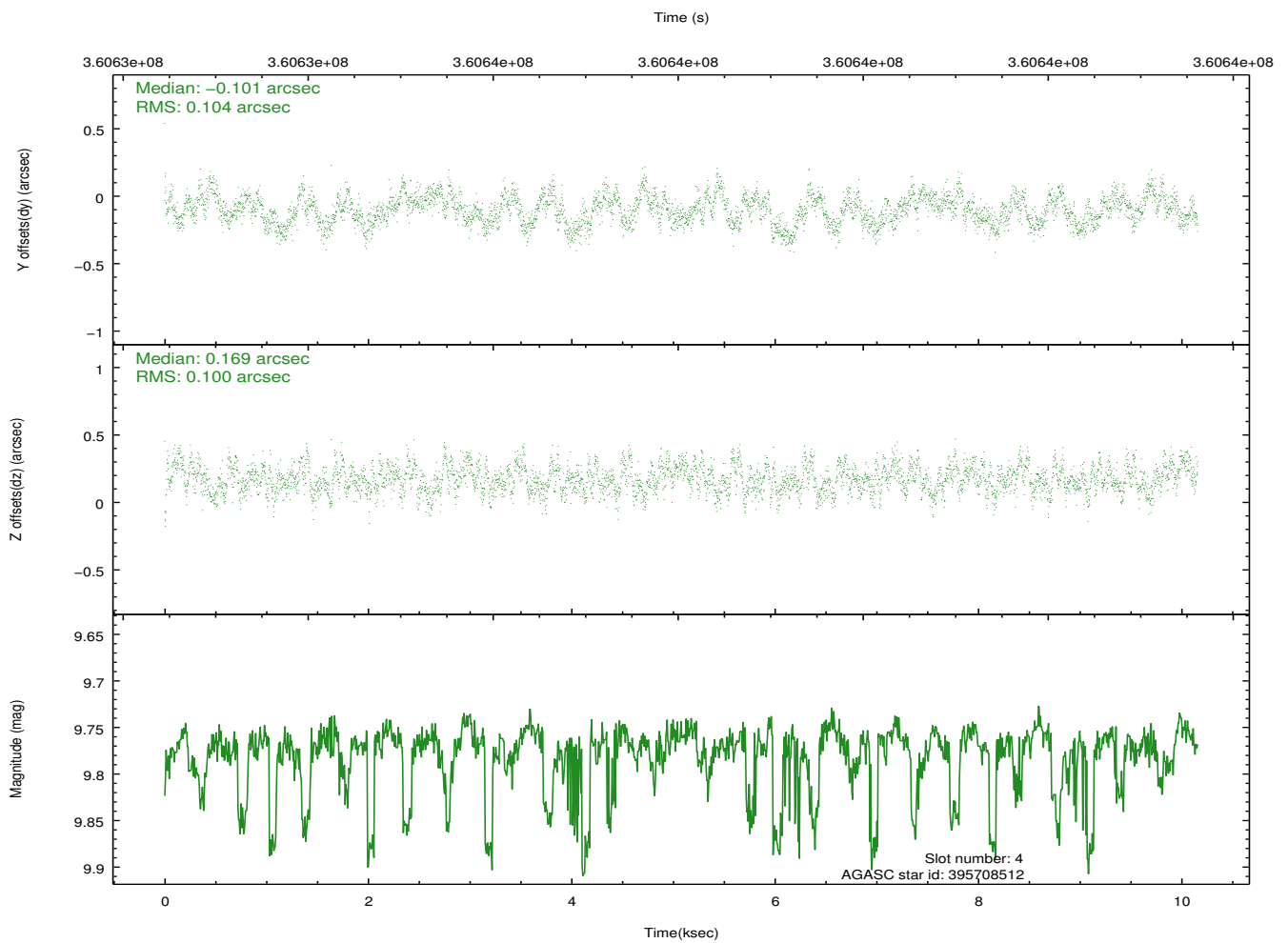
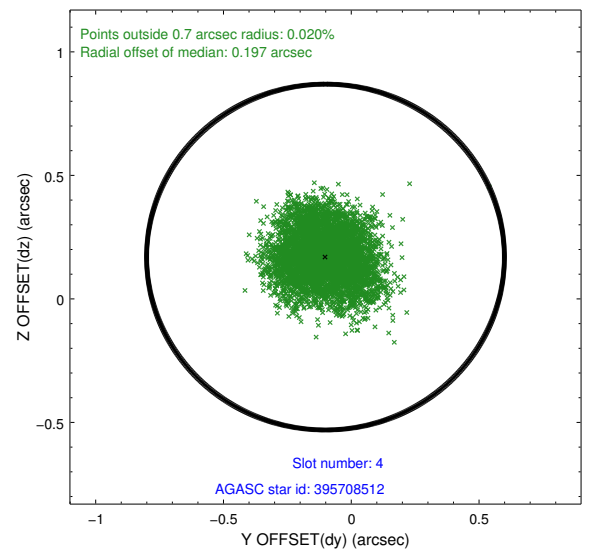
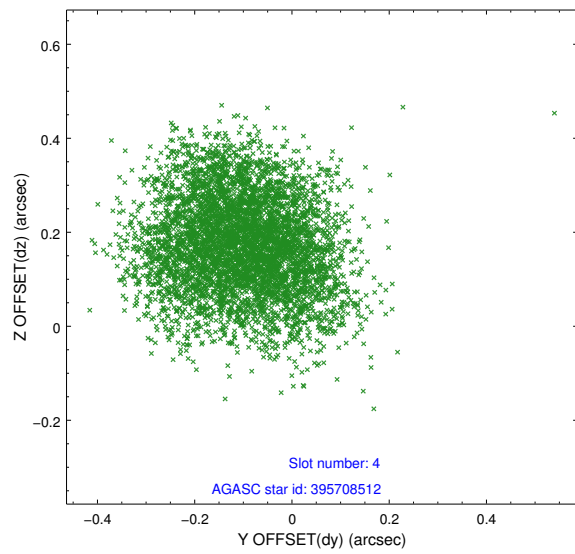
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	2479	-0.086	-0.034	0.009	0.014	0.000000	0.000000	-767.24	-1736.49
1	FID	ACIS-S-4	7.05	2479	0.225	0.051	0.006	0.011	0.000000	0.000000	2146.09	171.57
2	FID	ACIS-S-5	7.07	2479	-0.171	-0.007	0.008	0.013	0.000000	0.000000	-1819.52	165.73
3	GUIDE	395707376	9.35	4949	-0.027	0.118	0.116	0.200	180.967983	44.858789	-1185.46	-100.57
4	GUIDE	395708512	9.77	4893	-0.101	0.169	0.157	0.241	181.398075	44.161736	517.84	2046.26
5	GUIDE	395708616	7.99	4956	0.056	-0.168	0.078	0.122	180.101872	44.630343	562.45	-1689.30
6	GUIDE	395708696	8.87	4955	0.029	-0.229	0.101	0.161	180.383726	44.624291	252.30	-1037.69
7	GUIDE	395710032	8.82	4956	0.049	0.112	0.093	0.148	181.512910	44.376001	-301.56	1945.83

2.4 Star Slots

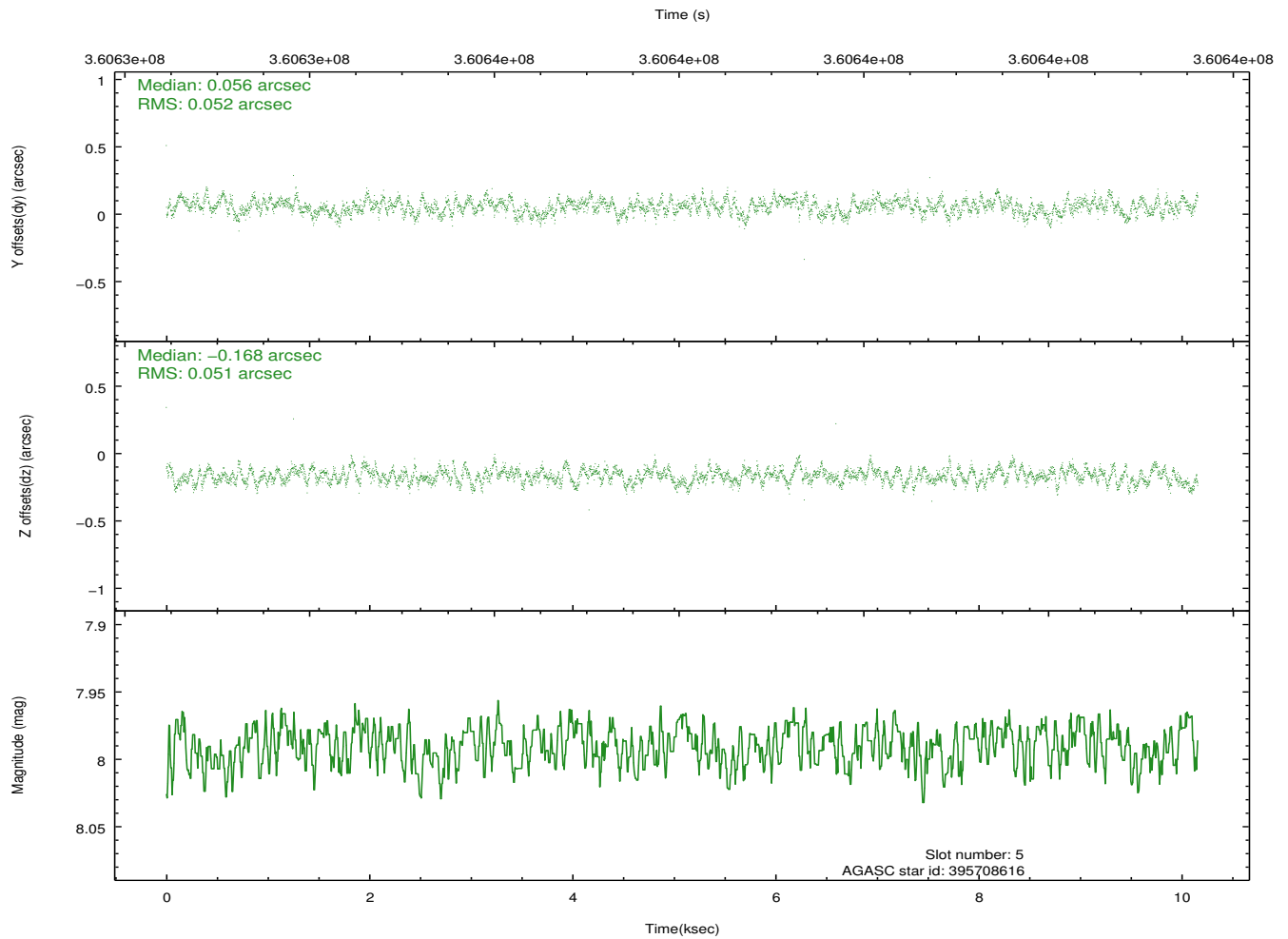
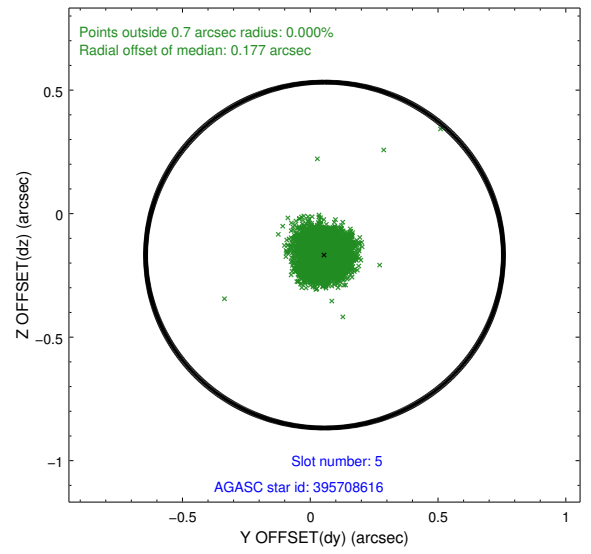
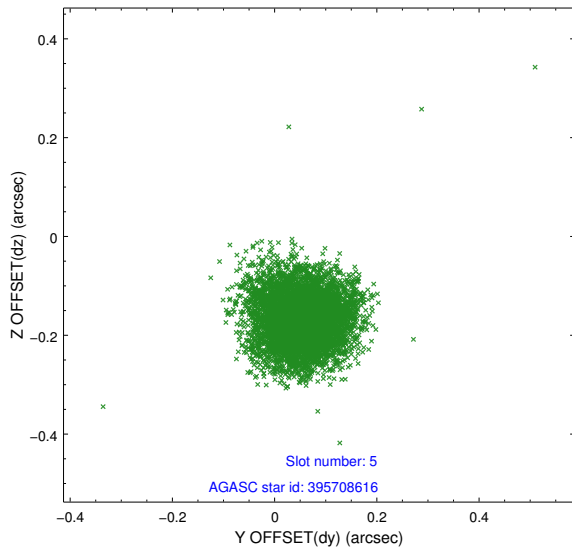
2.4.1 Slot 3



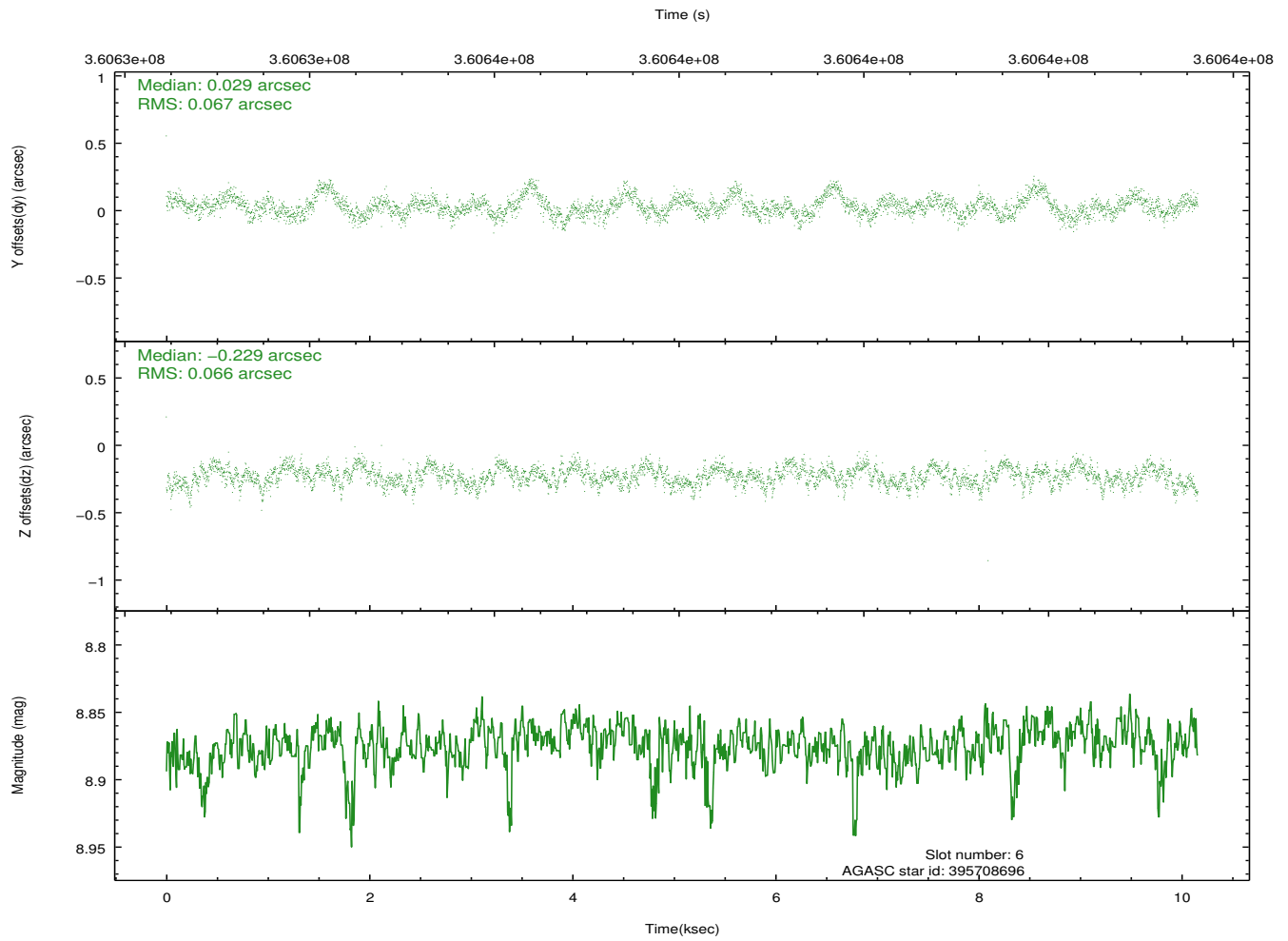
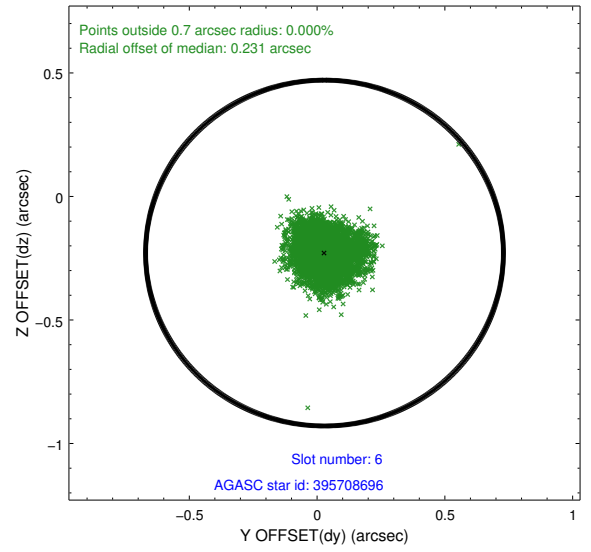
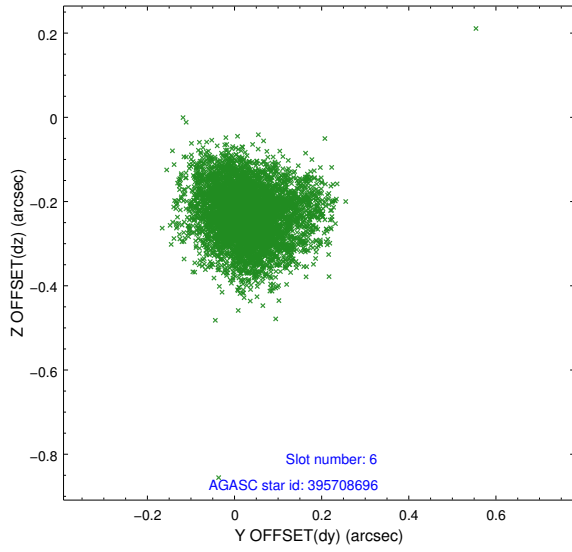
2.4.2 Slot 4



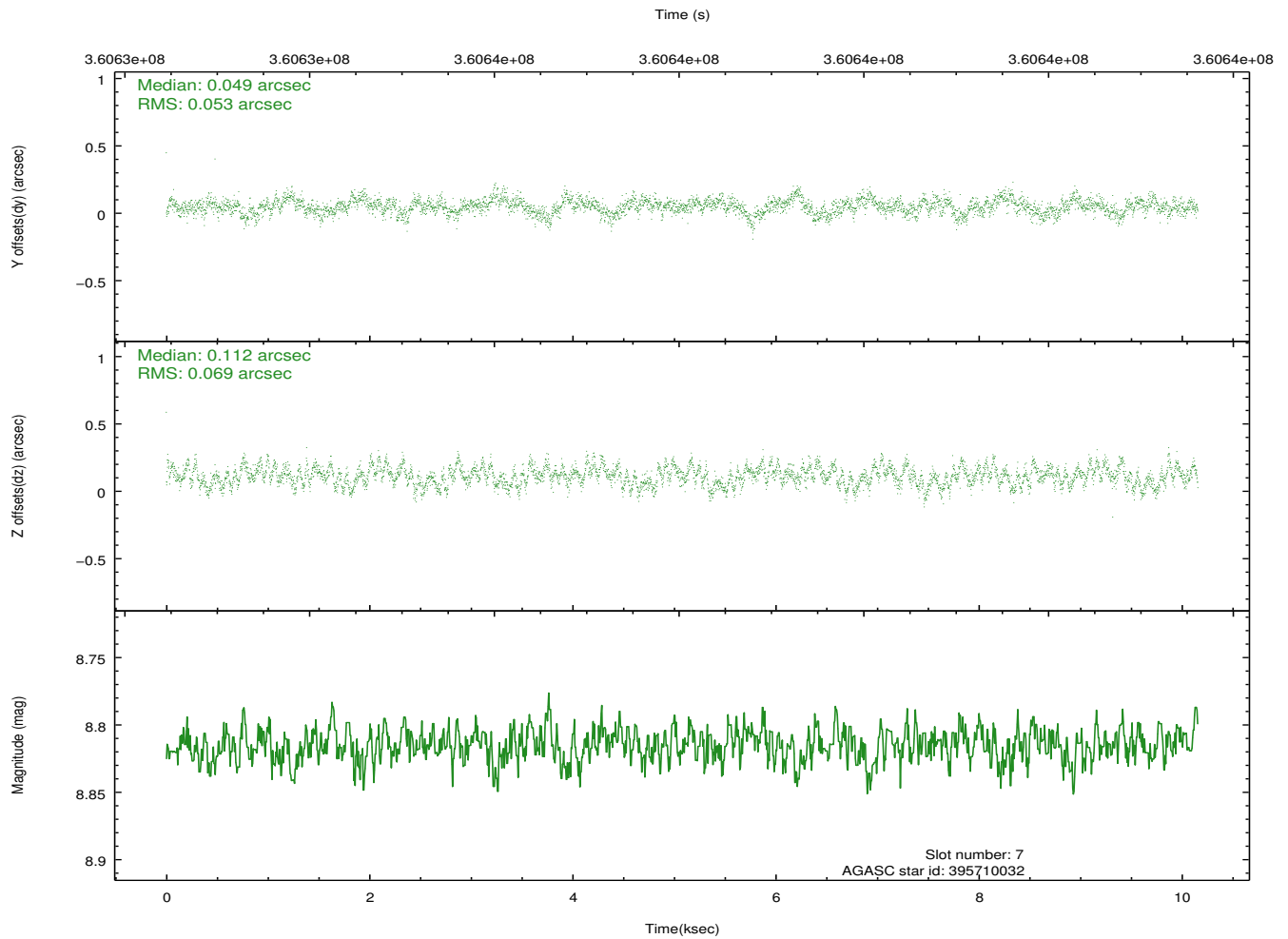
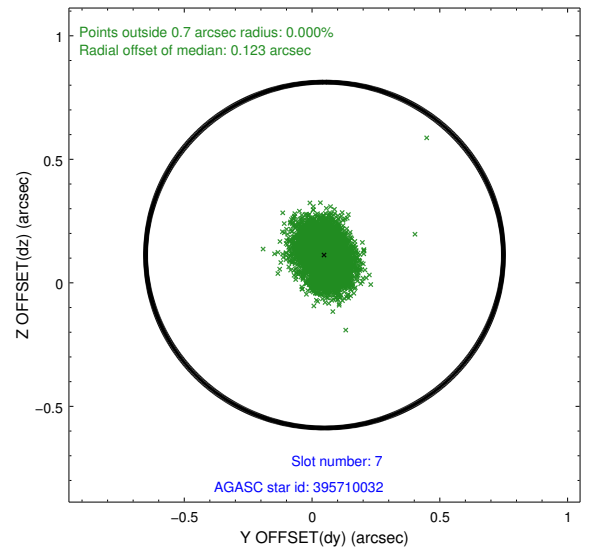
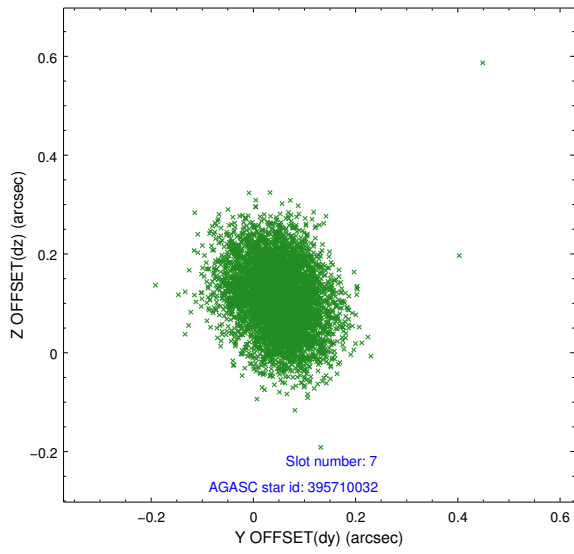
2.4.3 Slot 5



2.4.4 Slot 6

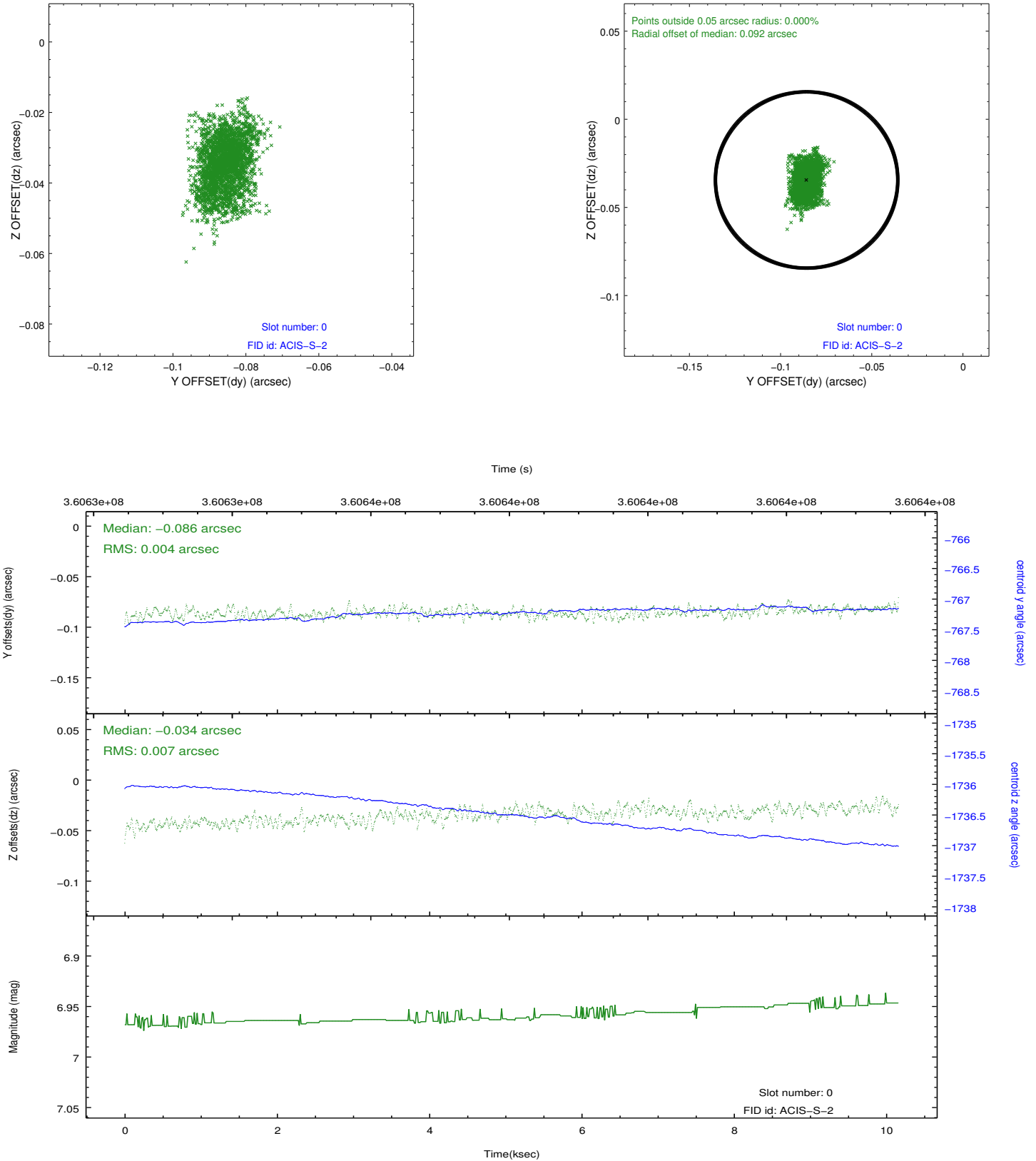


2.4.5 Slot 7

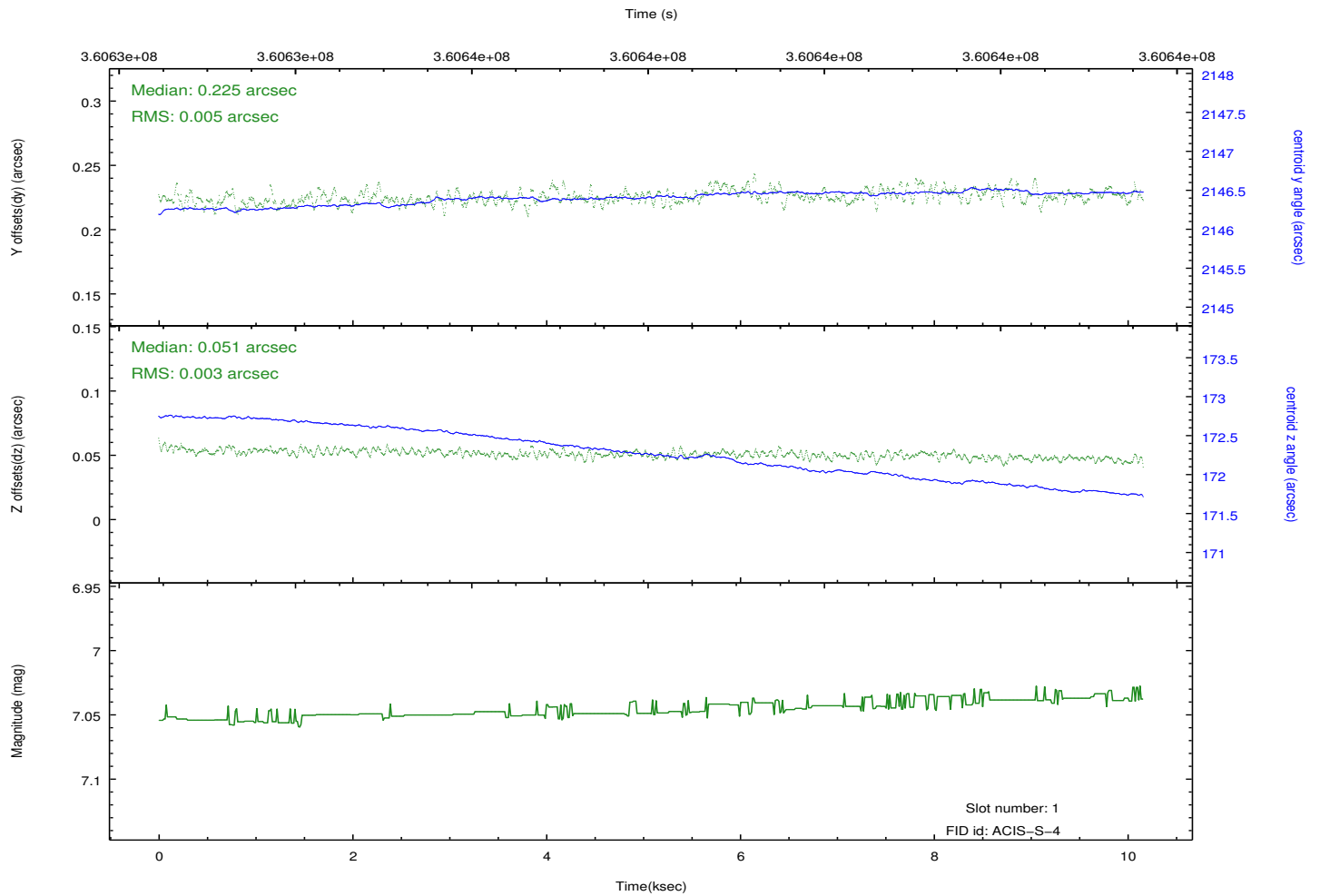
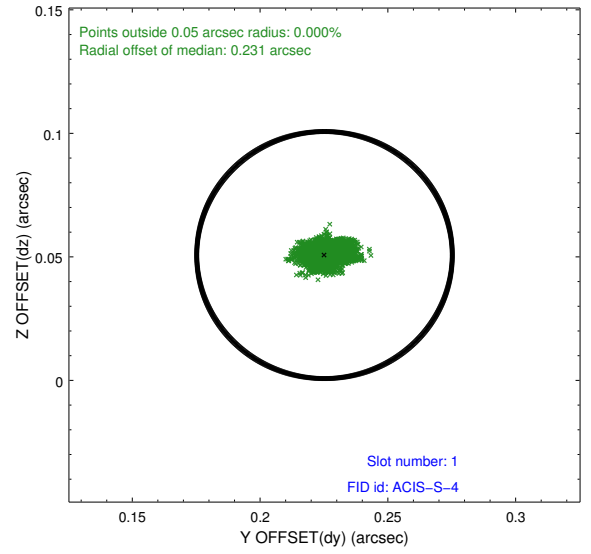
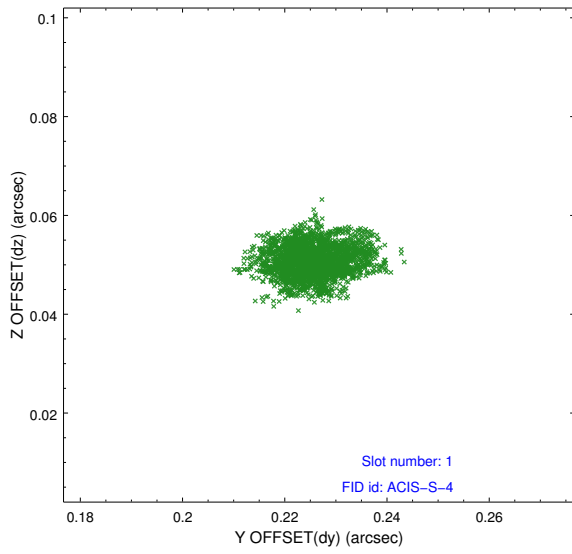


2.5 FID Slots

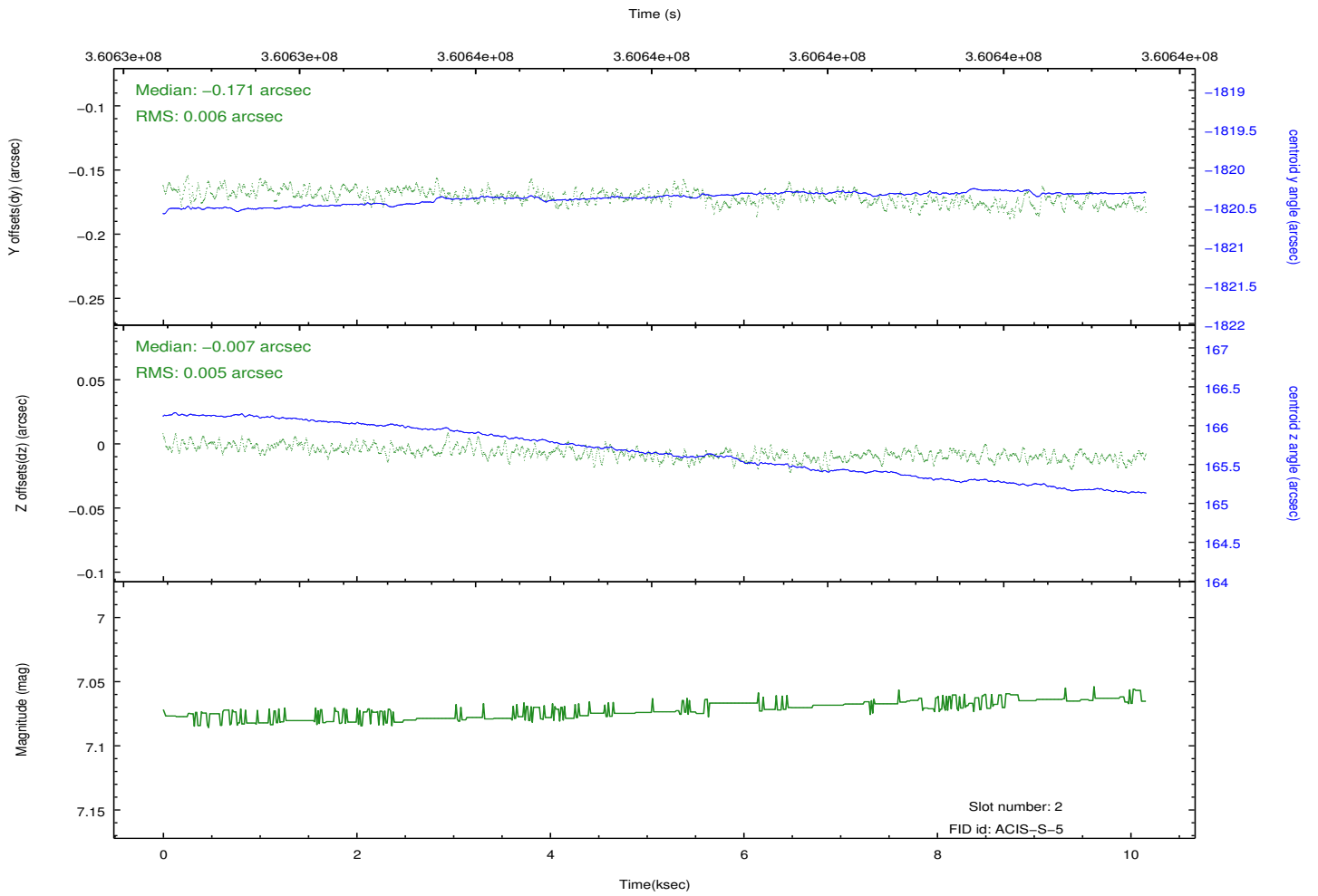
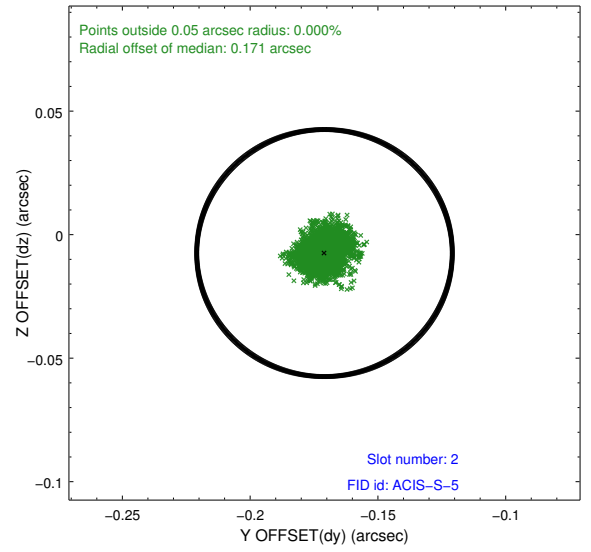
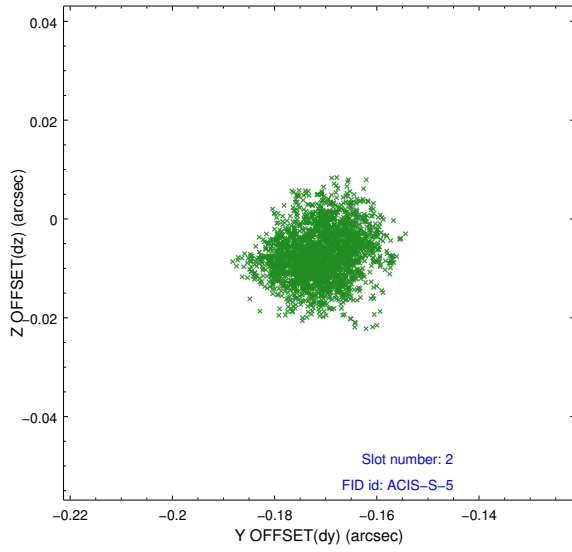
2.5.1 Slot 0



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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.155

A.2 Comments