

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10277 - L2 Version 2
Chandra X-Ray Center

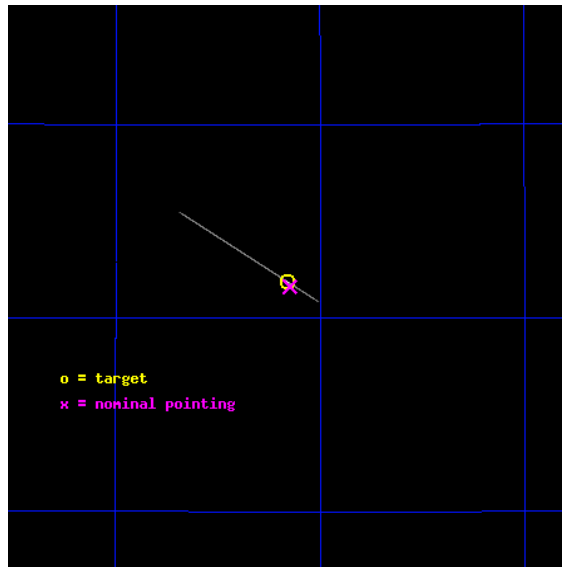
L2 Processing Date : Jun 4 2012

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1 Front

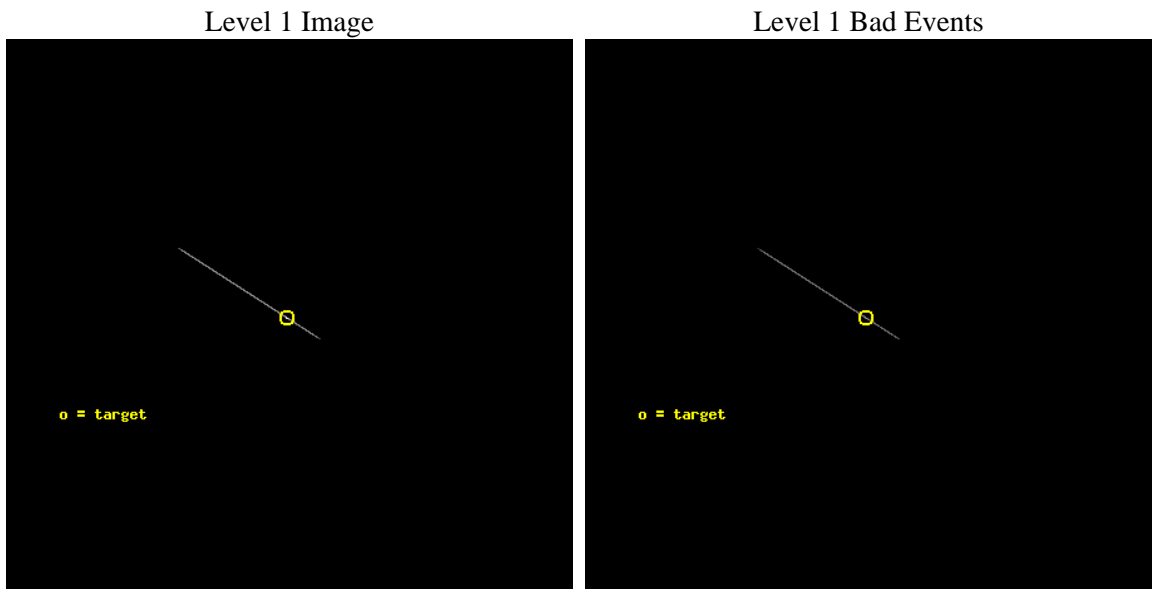
seq_num	701820	Sequence number
obs_id	10277	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.78702225671	Nominal RA [deg]
dec_nom	44.526908286266	Nominal Dec [deg]
roll_nom	212.41128499884	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10147.0	Sum of GTIs [s]
livetime	10107.36328125	Livetime [s]
ontime7	10147.0	Sum of GTIs [s]
l2events	108256	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	10147.0	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	10147.0	Sum of GTIs [s]
date	2012-06-04T15:41:19	Date and time of file creation	l1events	128723	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

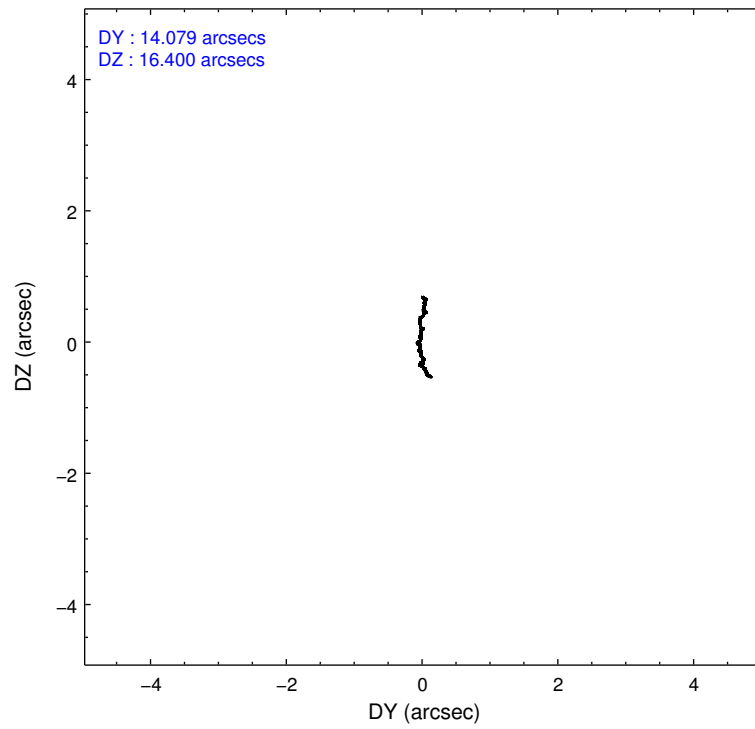
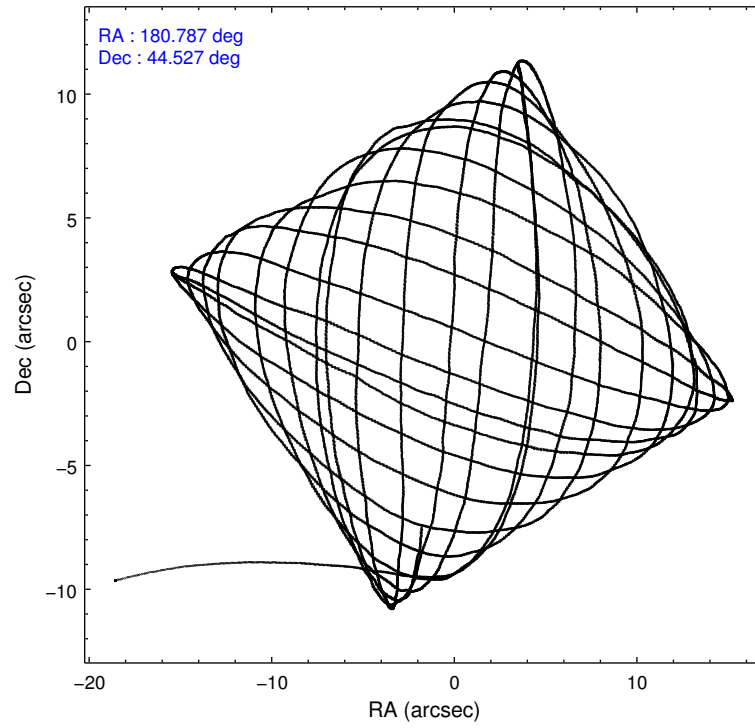
	ccd 7
level 1 events	128723
rejected events	18063
rejected %	14%

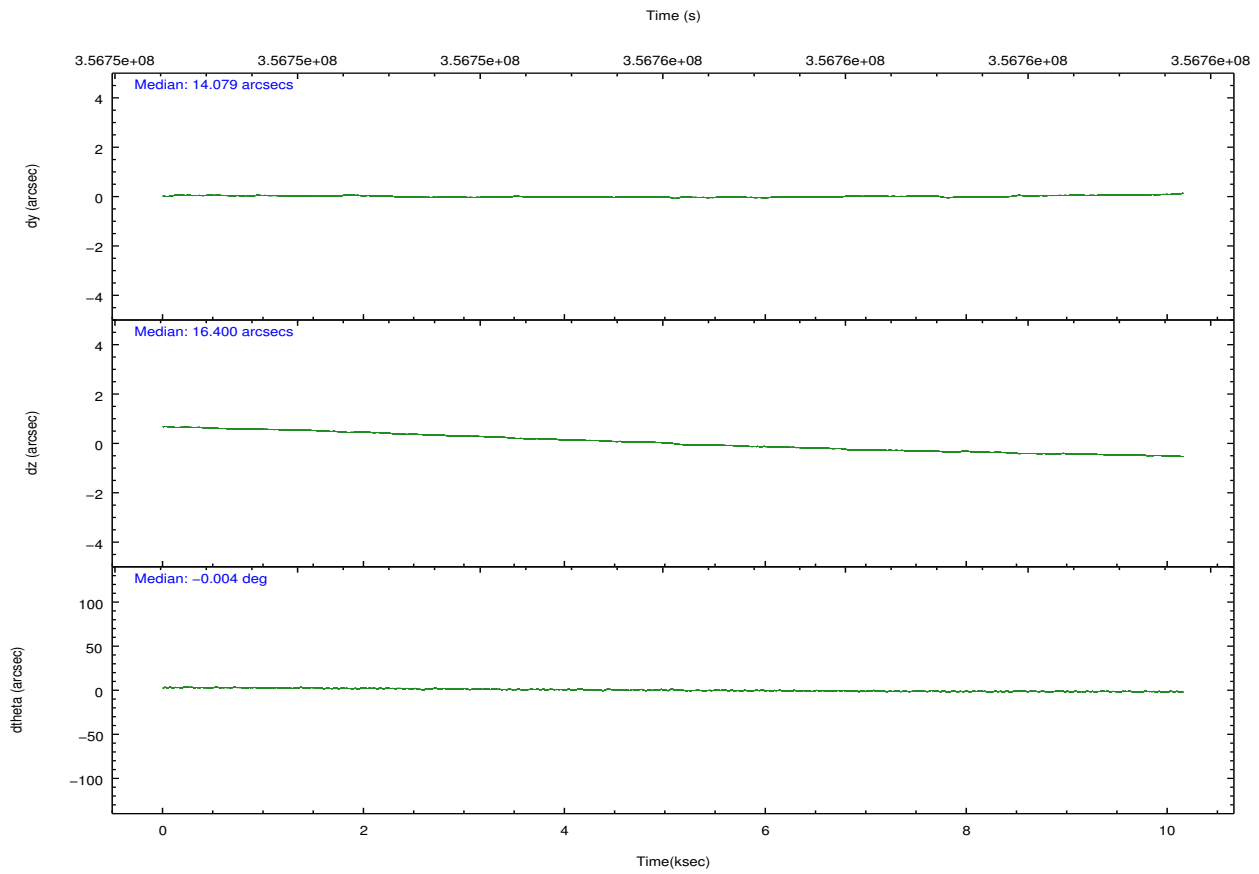
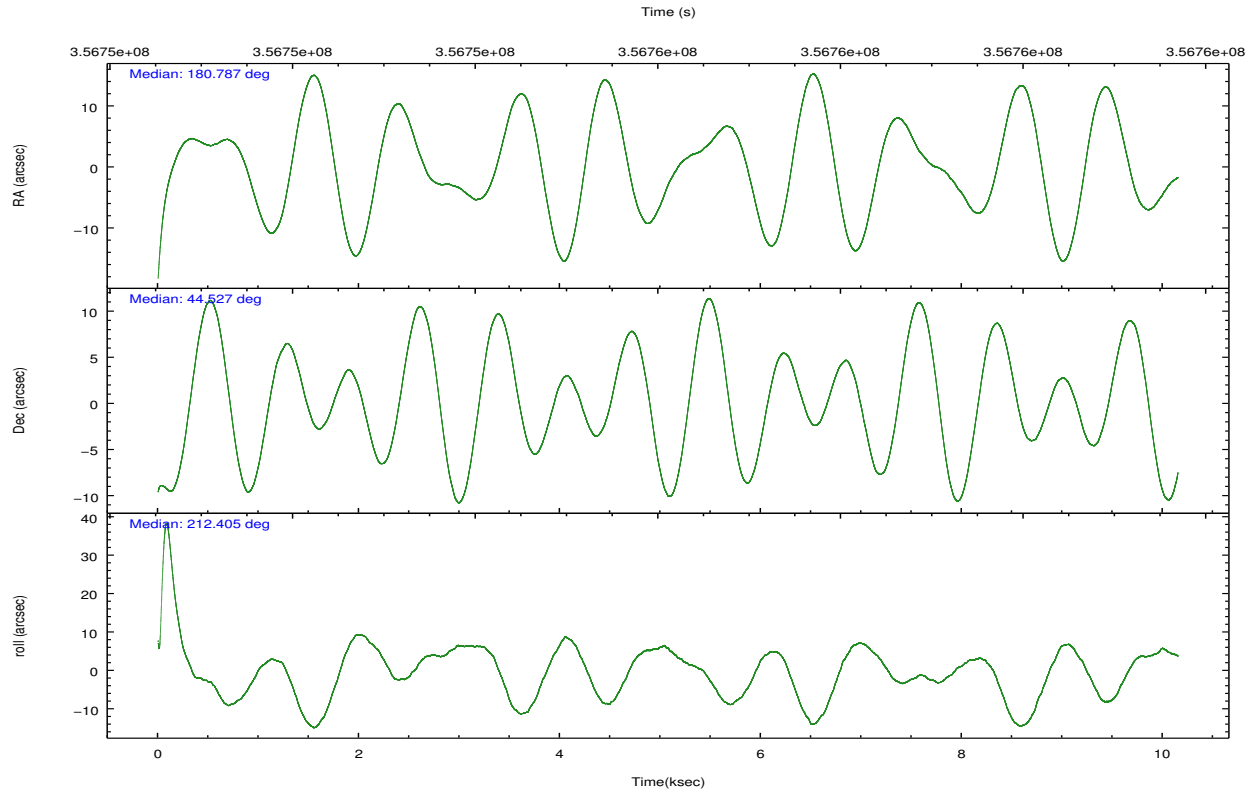
	ccd 7
grade 0 events	21424
	16%
grade 1 events	260
	0%
grade 2 events	32729
	25%
grade 3 events	6800
	5%
grade 4 events	6658
	5%
grade 5 events	10639
	8%
grade 6 events	50213
	39%
grade 7 events	0
	0%

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	180.804331	180.7870222567083	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.551368	44.52690828626564	Alternating exposures requested	N	N
[deg] Pointing Roll	212.242581	212.4112849988372	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	356751198.184000	356749991.2113			
Observation start date	2009-04-22T01:32:12	2009-04-22T01:13:11			
[s] Observation end time (MET)	356761198.184000	356761983.1994			
Observation end date	2009-04-22T04:18:52	2009-04-22T04:33:03			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



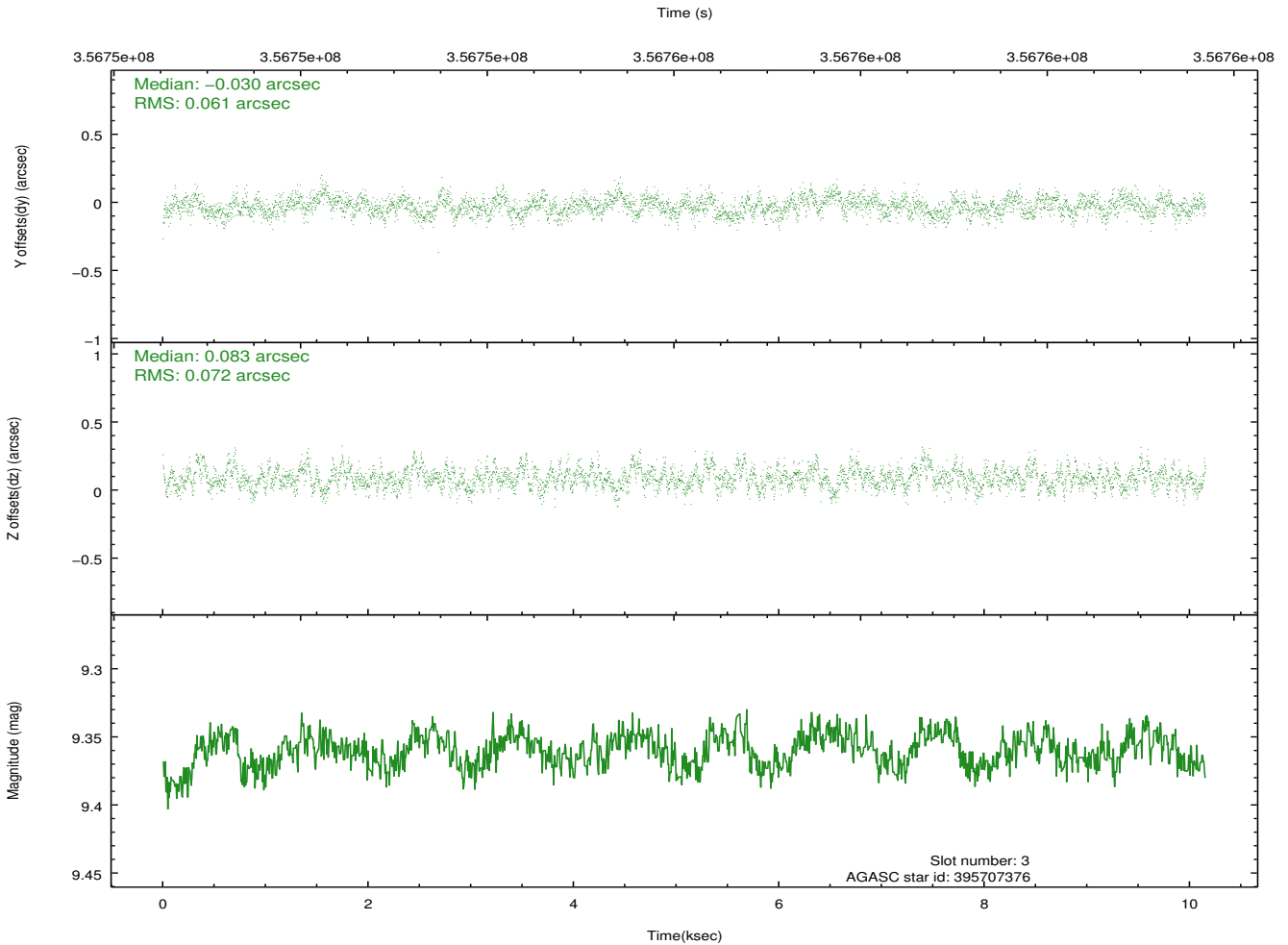
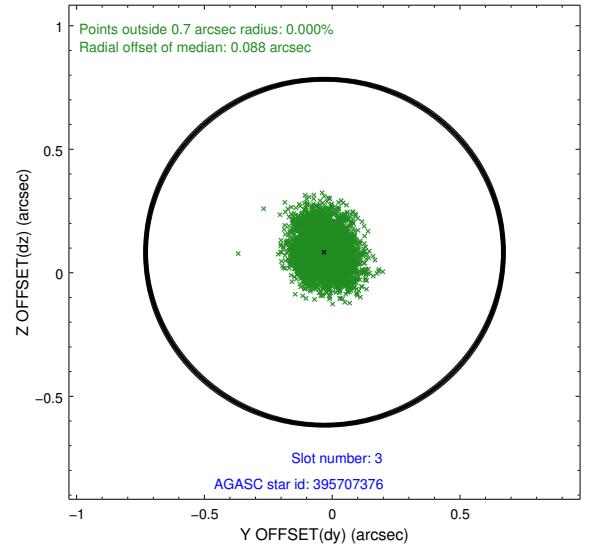
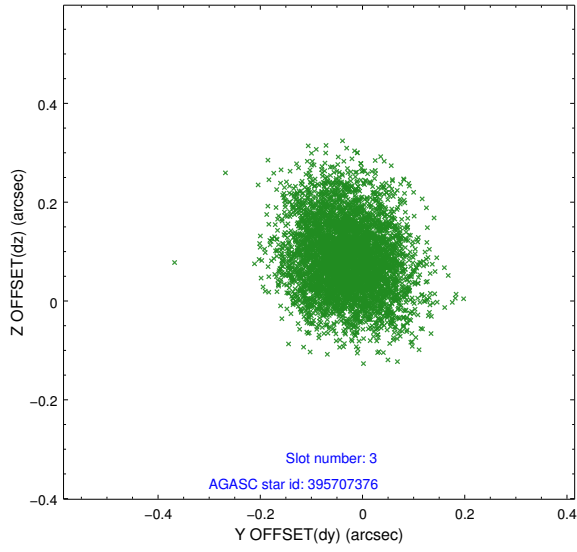


Slot Statistics

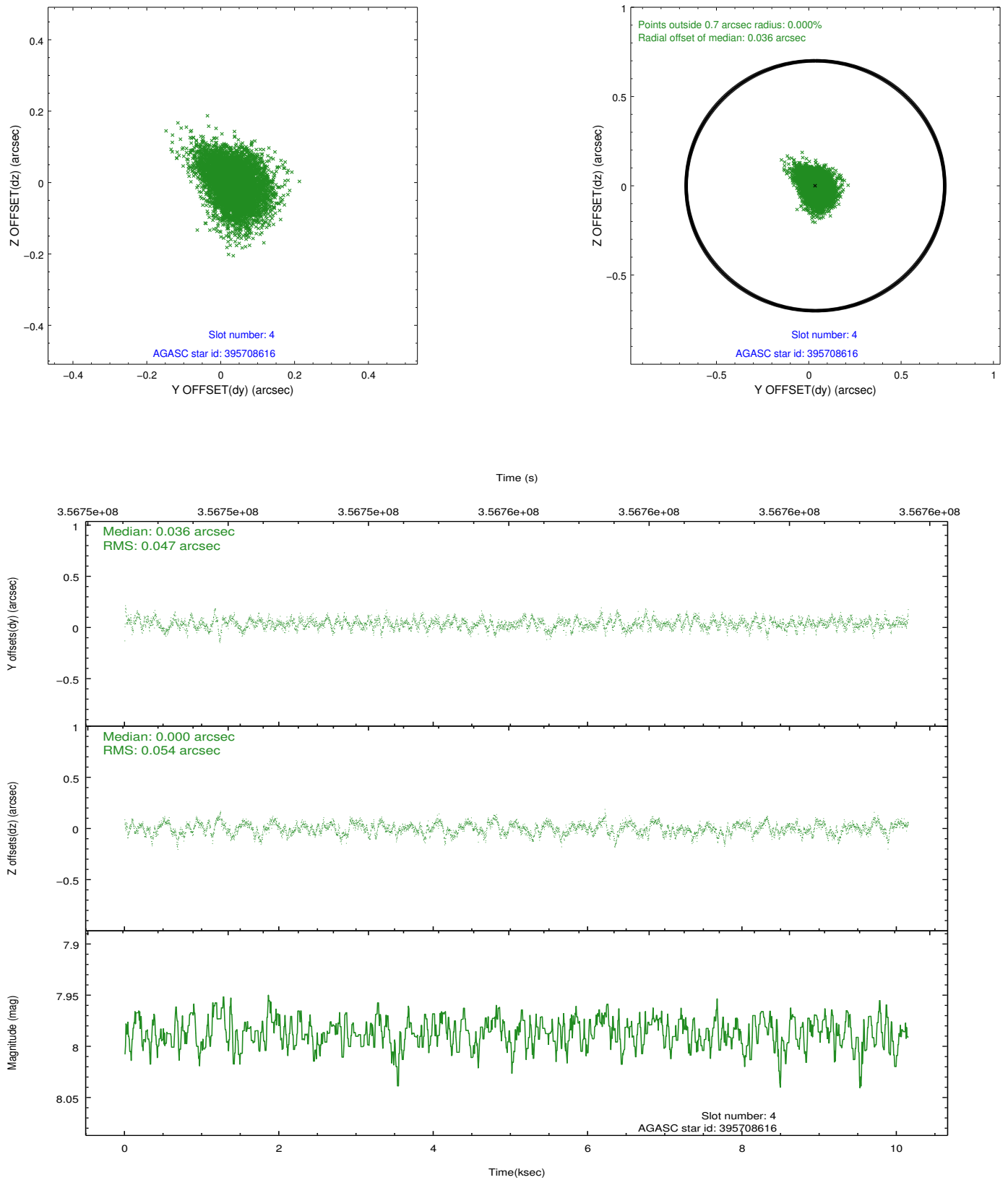
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	2476	-0.055	-0.026	0.013	0.021	0.000000	0.000000	-767.09	-1737.82
1	FID	ACIS-S-4	6.98	2476	0.198	0.033	0.008	0.015	0.000000	0.000000	2146.21	170.17
2	FID	ACIS-S-5	7.00	2477	-0.176	0.000	0.011	0.019	0.000000	0.000000	-1819.38	164.42
3	GUIDE	395707376	9.36	4948	-0.030	0.083	0.100	0.163	180.967983	44.858789	-943.26	-713.33
4	GUIDE	395708616	7.99	4952	0.036	0.000	0.076	0.125	180.101872	44.630343	1366.50	-1207.07
5	GUIDE	395709608	8.37	4950	-0.172	-0.046	0.064	0.104	181.055130	44.450389	-351.43	650.22
6	GUIDE	395315264	9.04	4911	0.224	-0.196	0.105	0.179	179.574634	44.727863	2308.99	-2236.37
7	GUIDE	395710032	8.80	4948	-0.055	0.159	0.085	0.136	181.512910	44.376001	-1209.04	1499.65

2.4 Star Slots

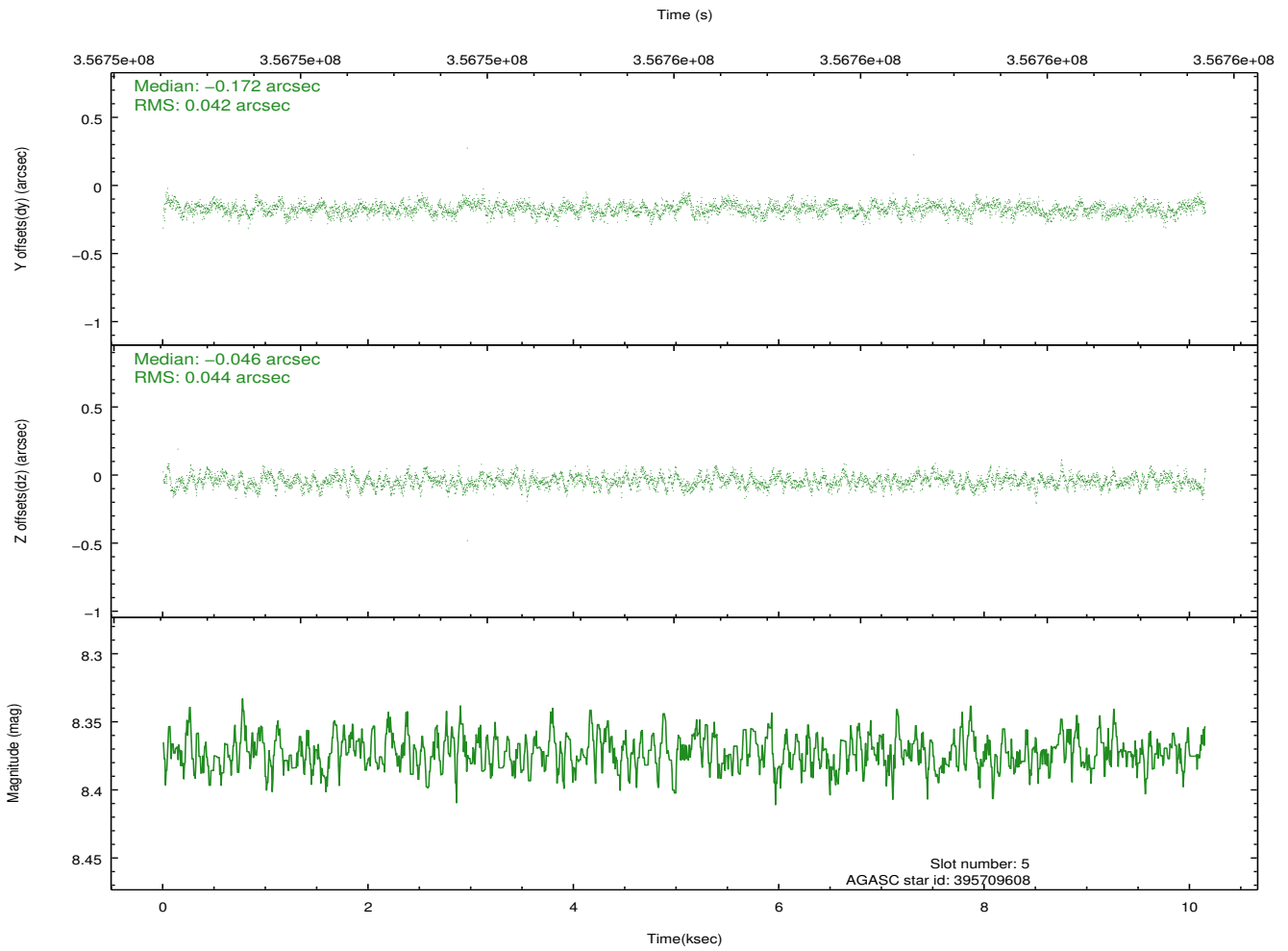
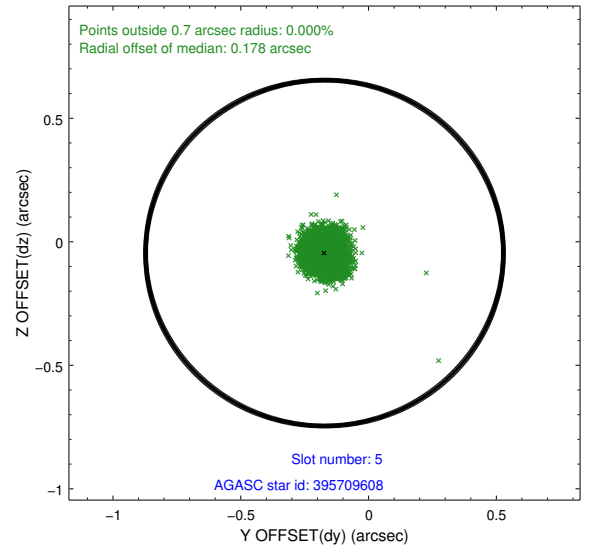
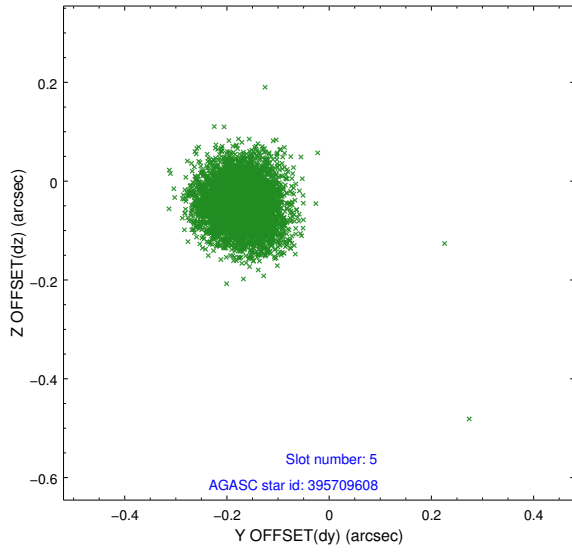
2.4.1 Slot 3



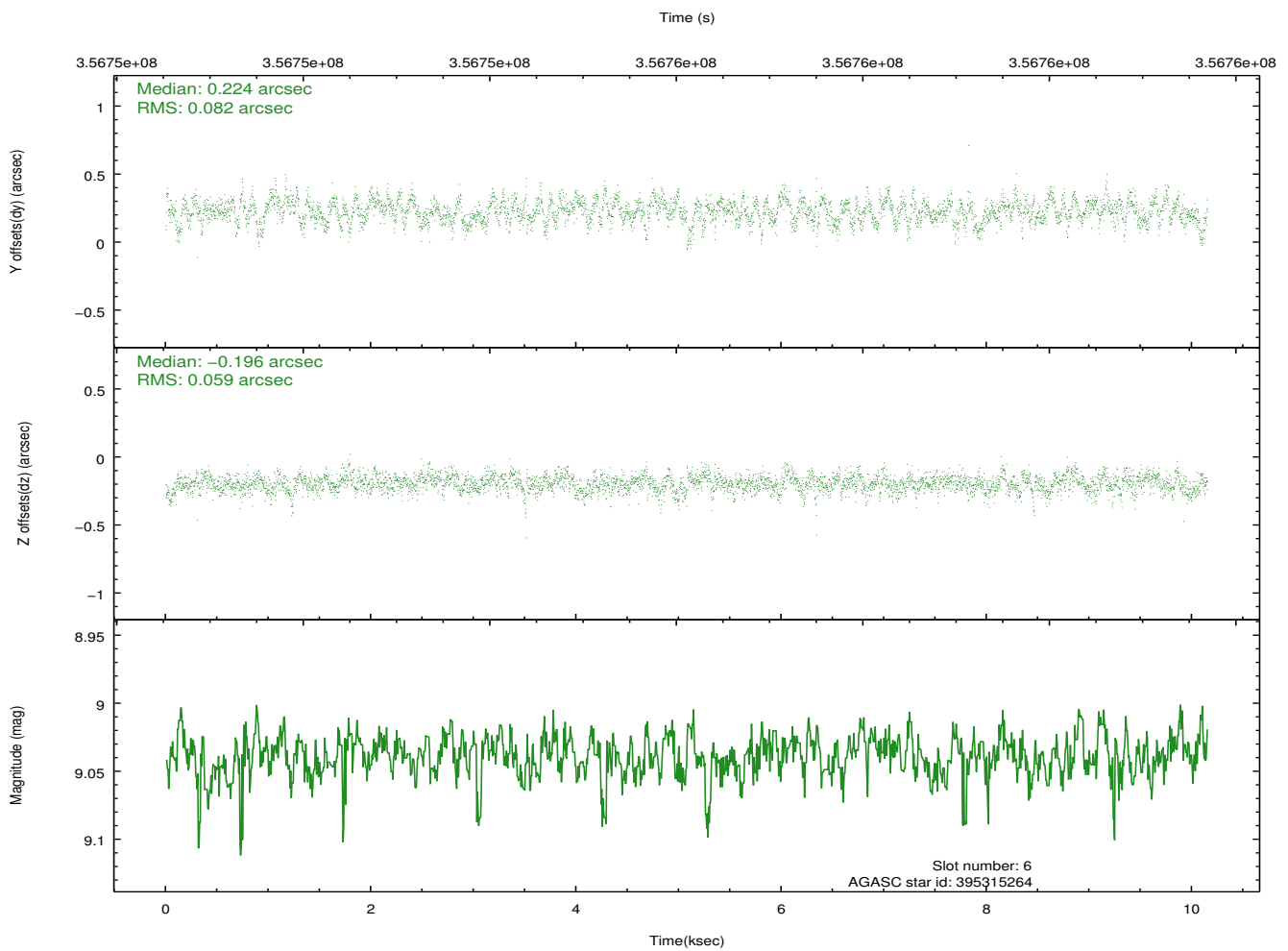
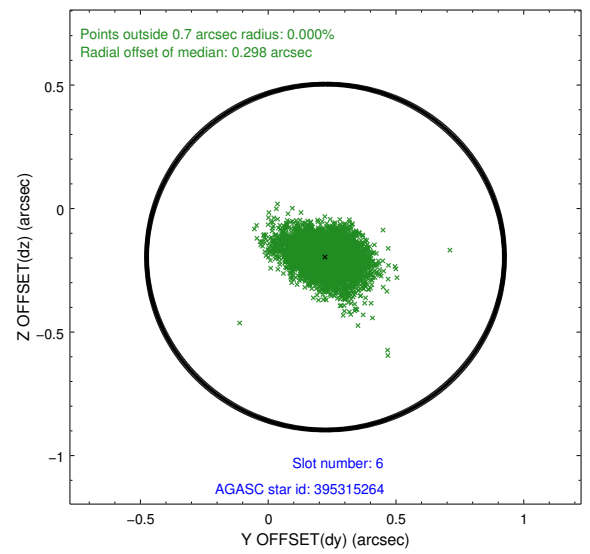
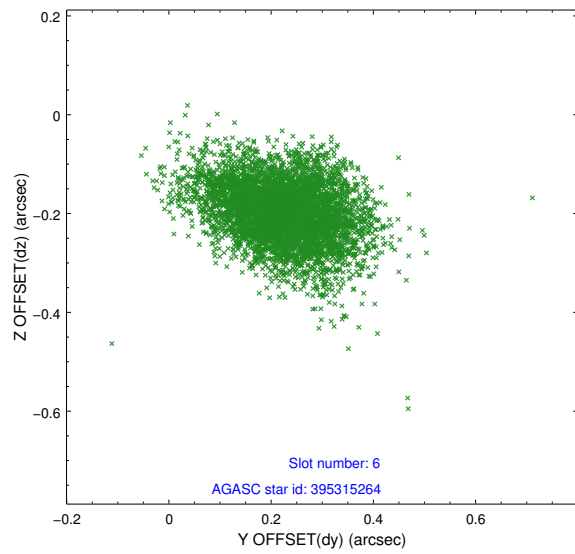
2.4.2 Slot 4



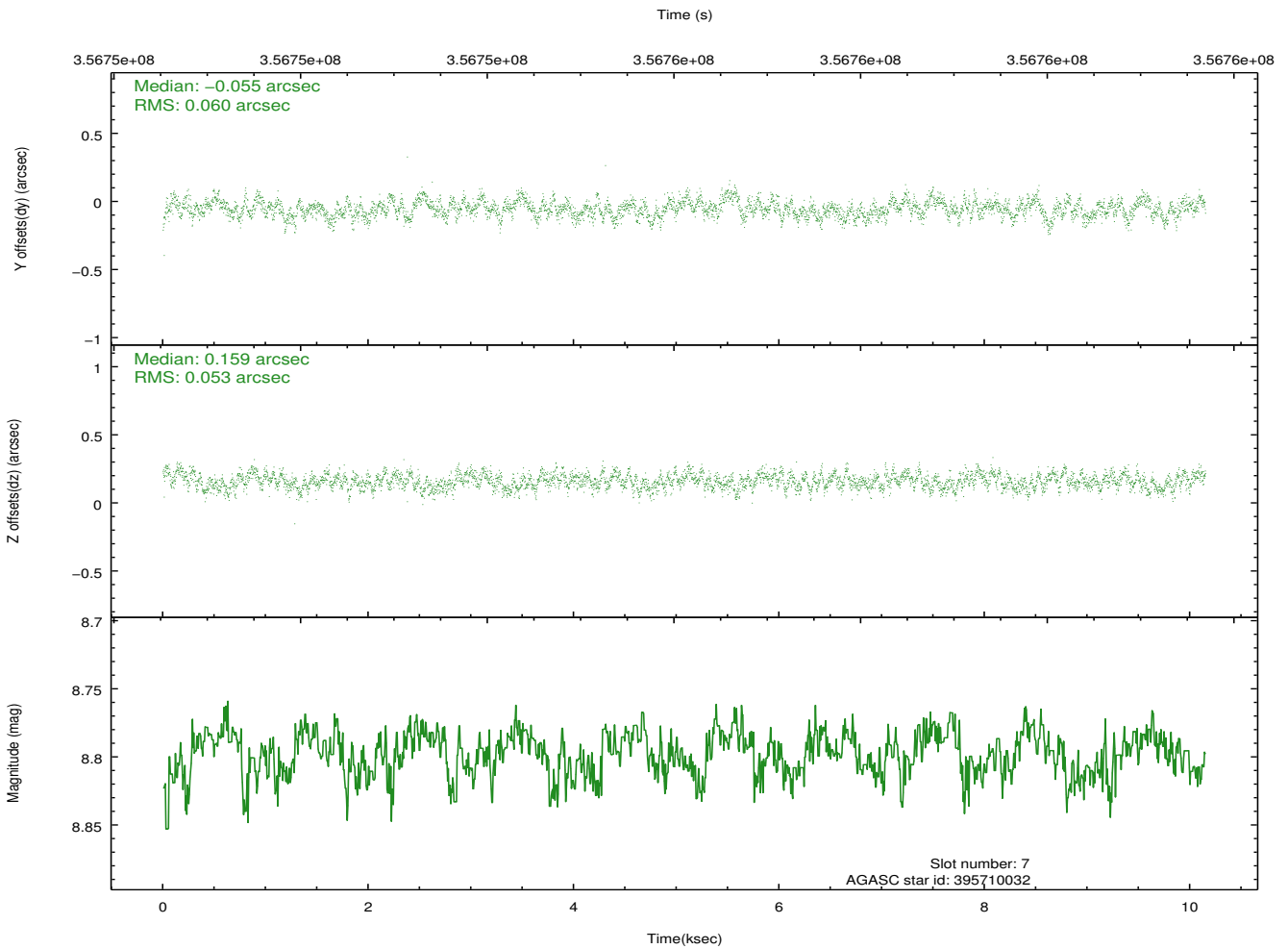
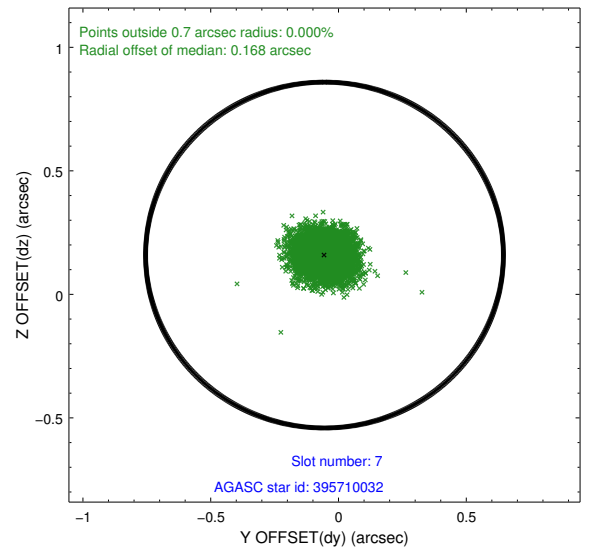
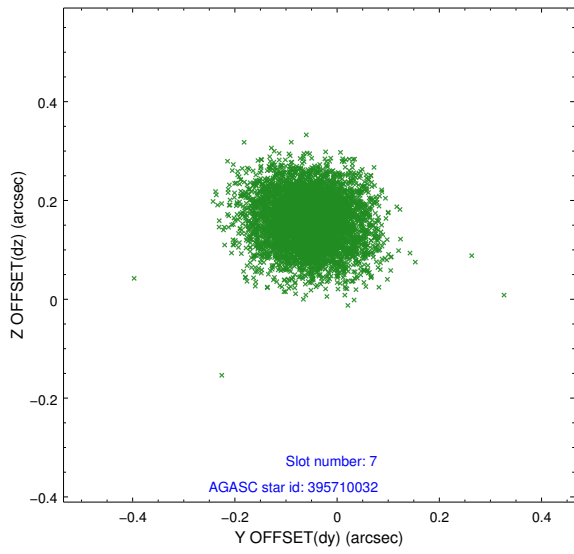
2.4.3 Slot 5



2.4.4 Slot 6

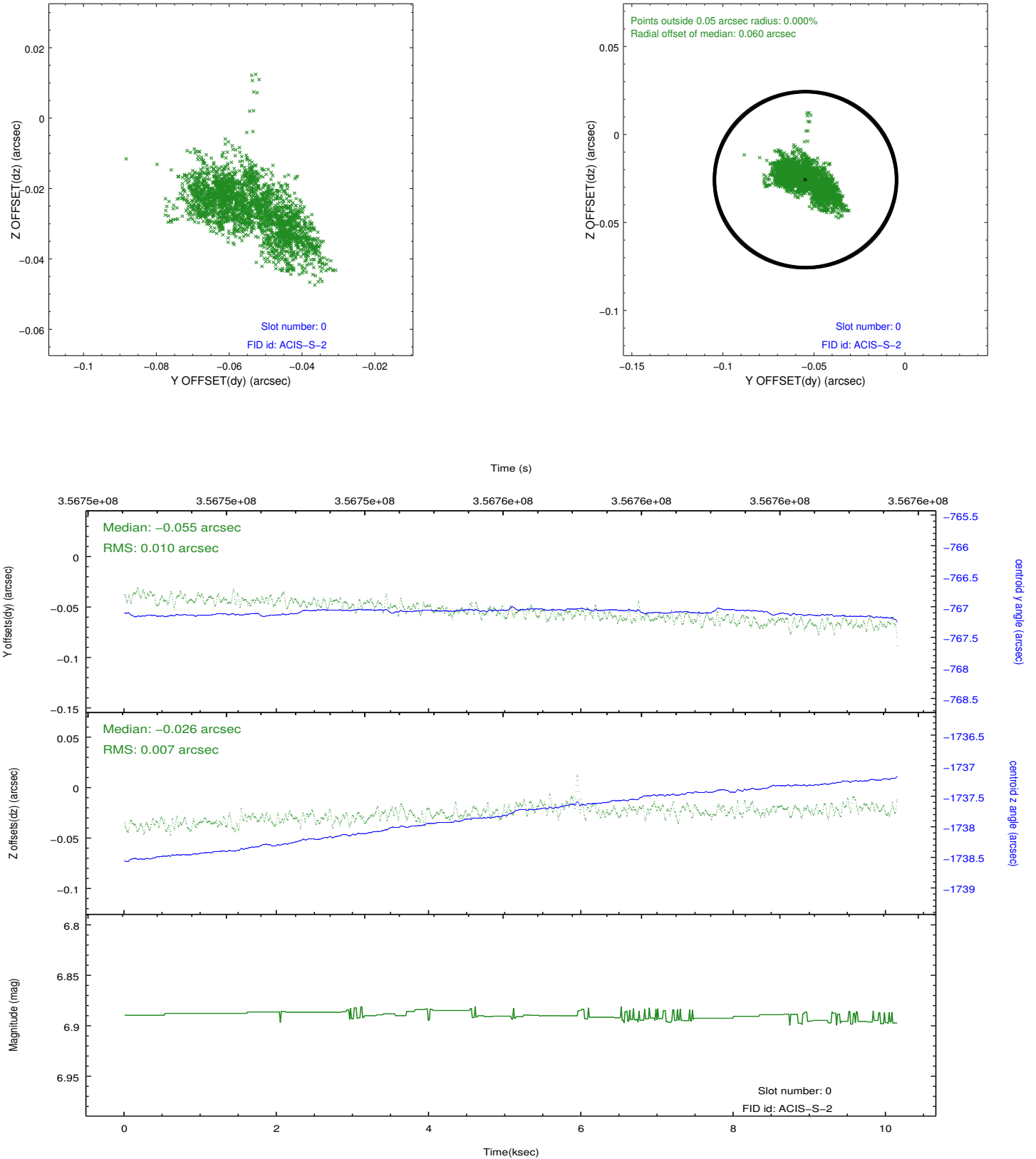


2.4.5 Slot 7

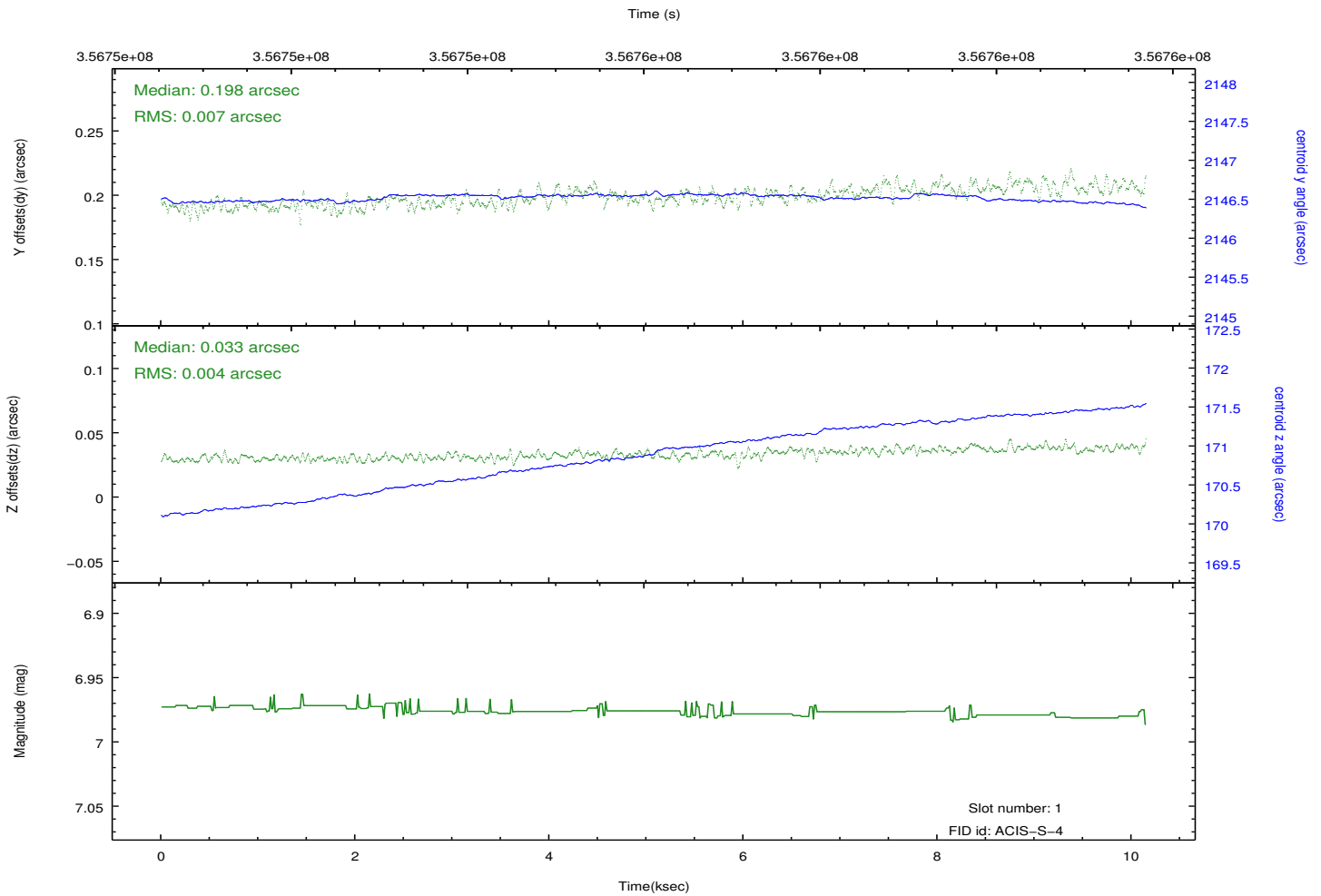
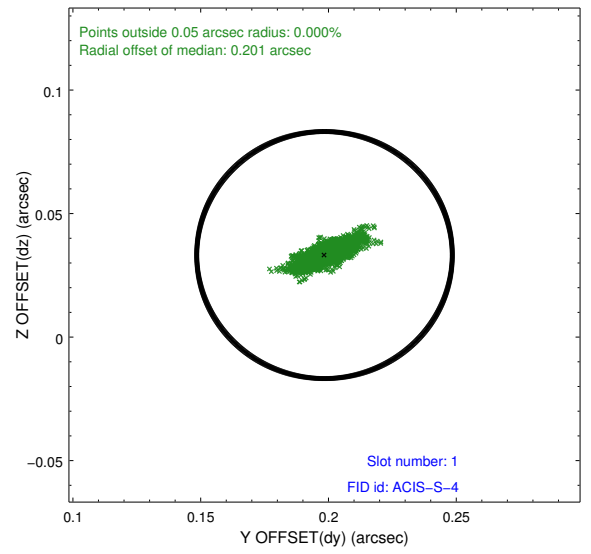
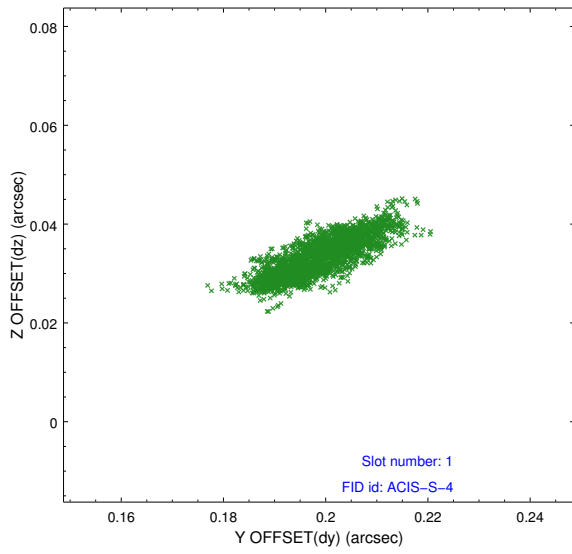


2.5 FID Slots

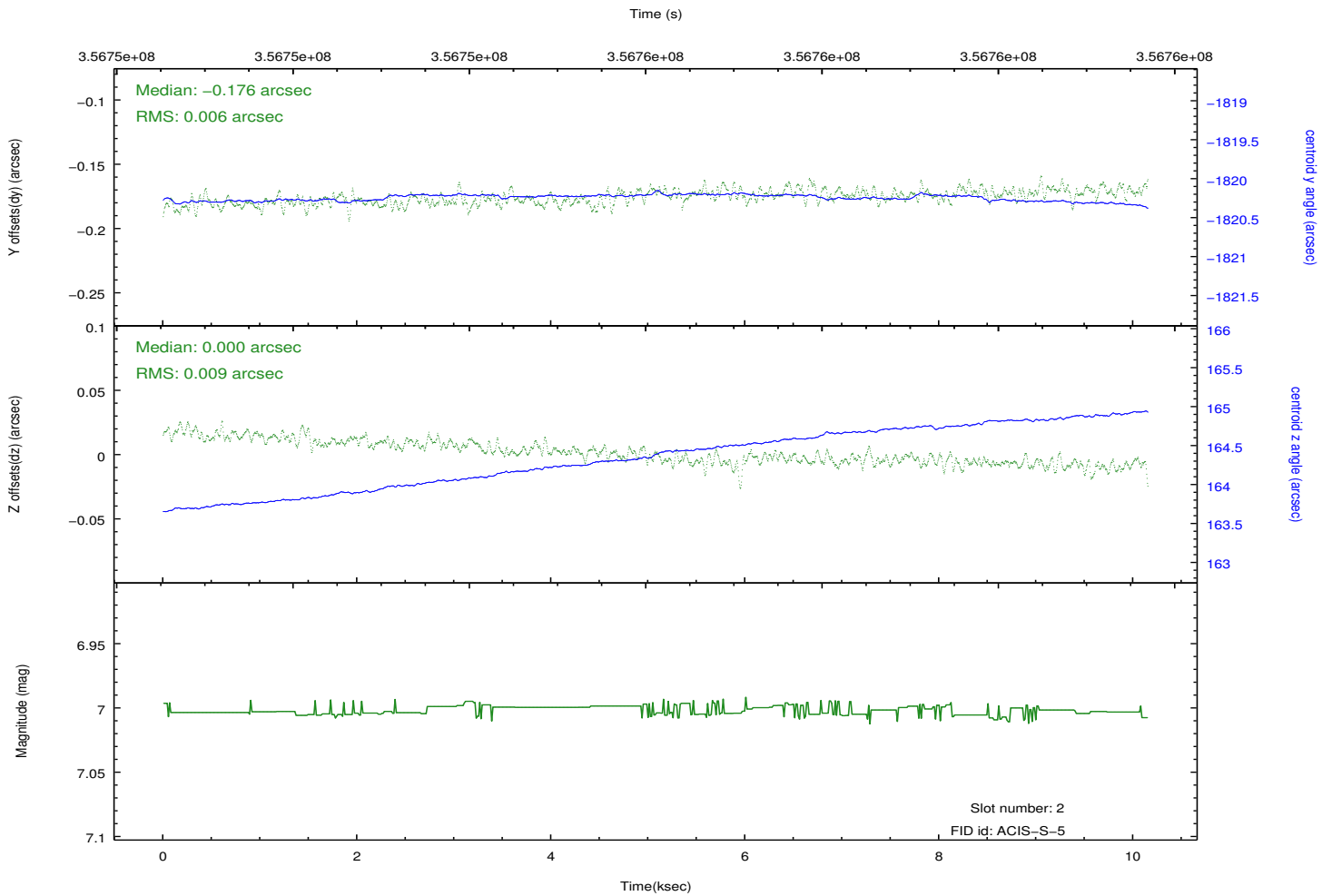
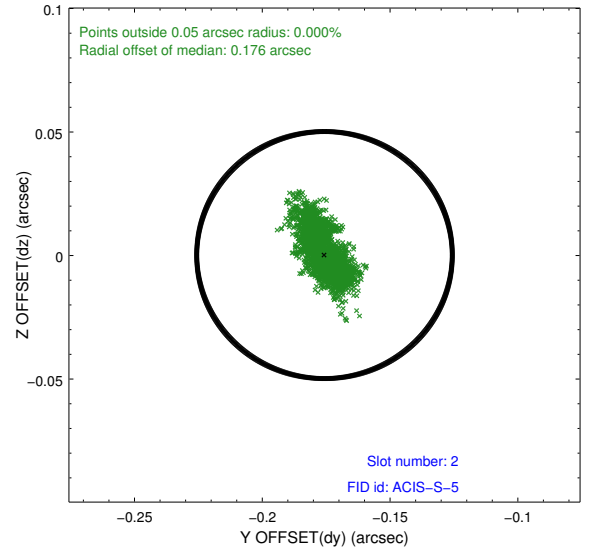
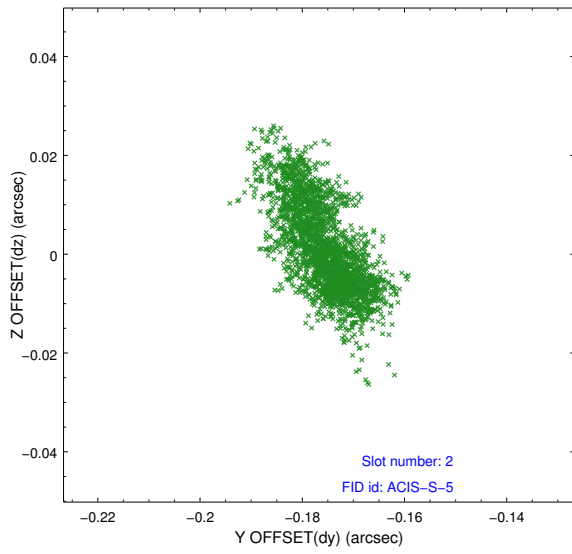
2.5.1 Slot 0



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)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.147

A.2 Comments