

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 17840 - L2 Version 1
Chandra X-Ray Center

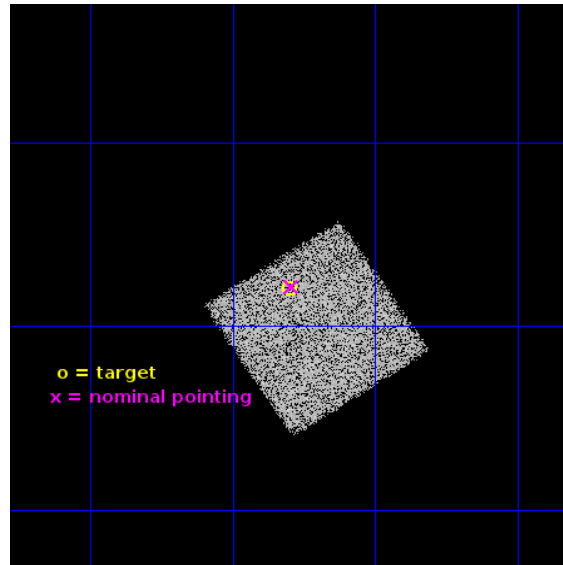
L2 Processing Date : Jan 29 2016

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1 Front

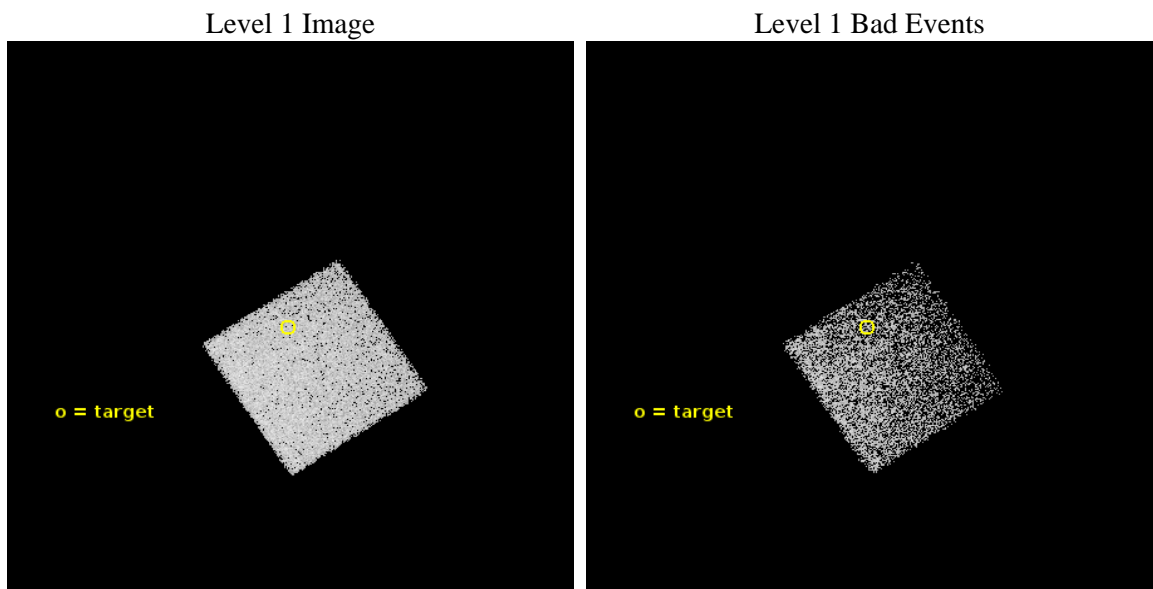
seq_num	401772	Sequence number
obs_id	17840	Observation id
title	The Massive Companions to Low-Mass White Dwarfs	Proposal title
observer	Mr. Jeff Andrews	Principal investigator
object	SDSS J100548.09+054204.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	151.450417	Observer's specified target RA [deg]
dec_targ	5.701222	Observer's specified target Dec [deg]
ra_nom	151.44850759914	Nominal RA [deg]
dec_nom	5.7026236412427	Nominal Dec [deg]
roll_nom	56.848192455031	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7092.0	Sum of GTIs [s]
livetime	6996.2907426407	Livetime [s]
ontime7	7092.0	Sum of GTIs [s]
l2events	24007	Number of level 2 events



2 OBI

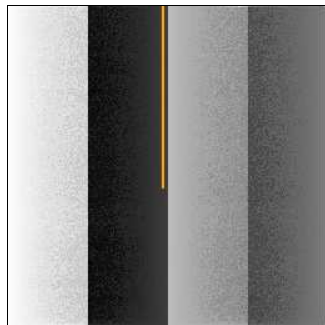
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	7092.0	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	7092.0	Sum of GTIs [s]
date	2016-01-29T05:55:35	Date and time of file creation	l1events	55648	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

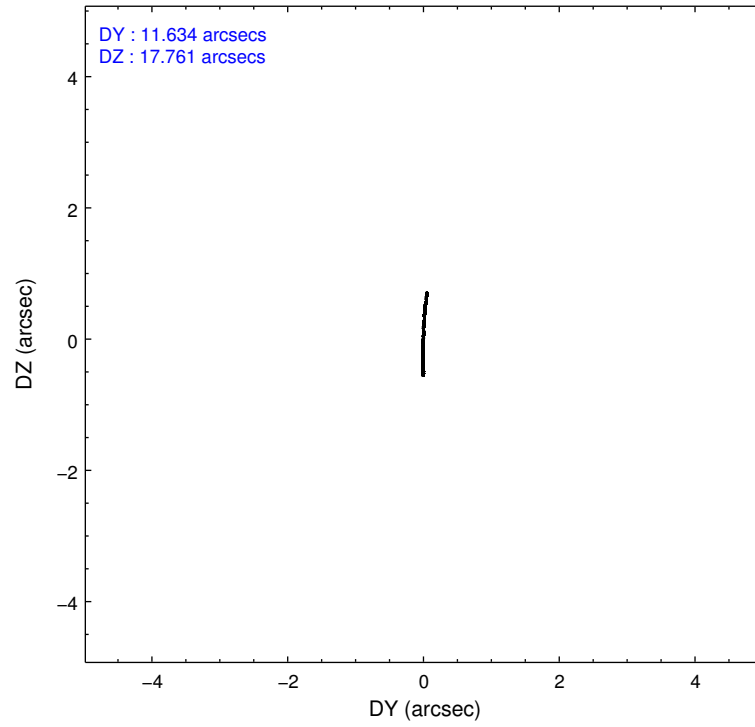
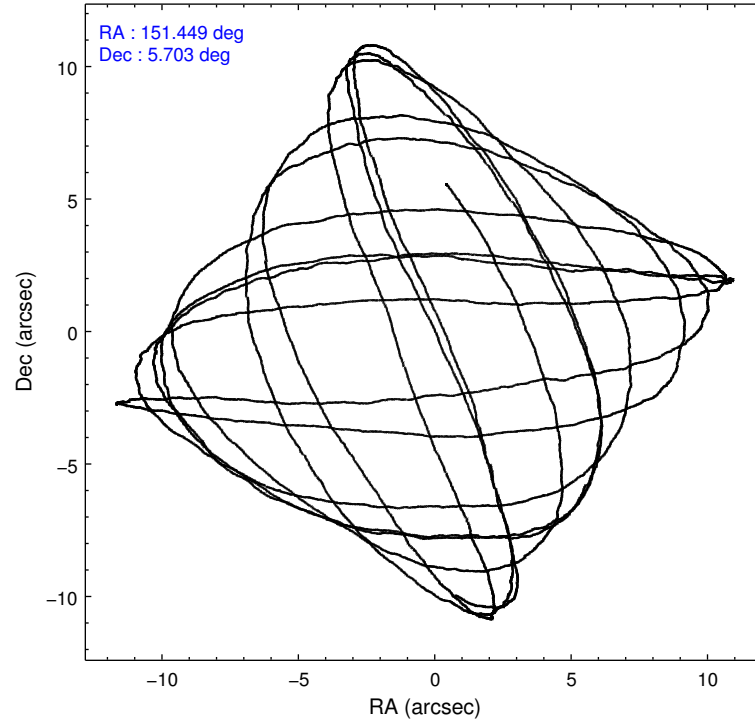
	ccd 7
level 1 events	55648
rejected events	31031
rejected %	55%

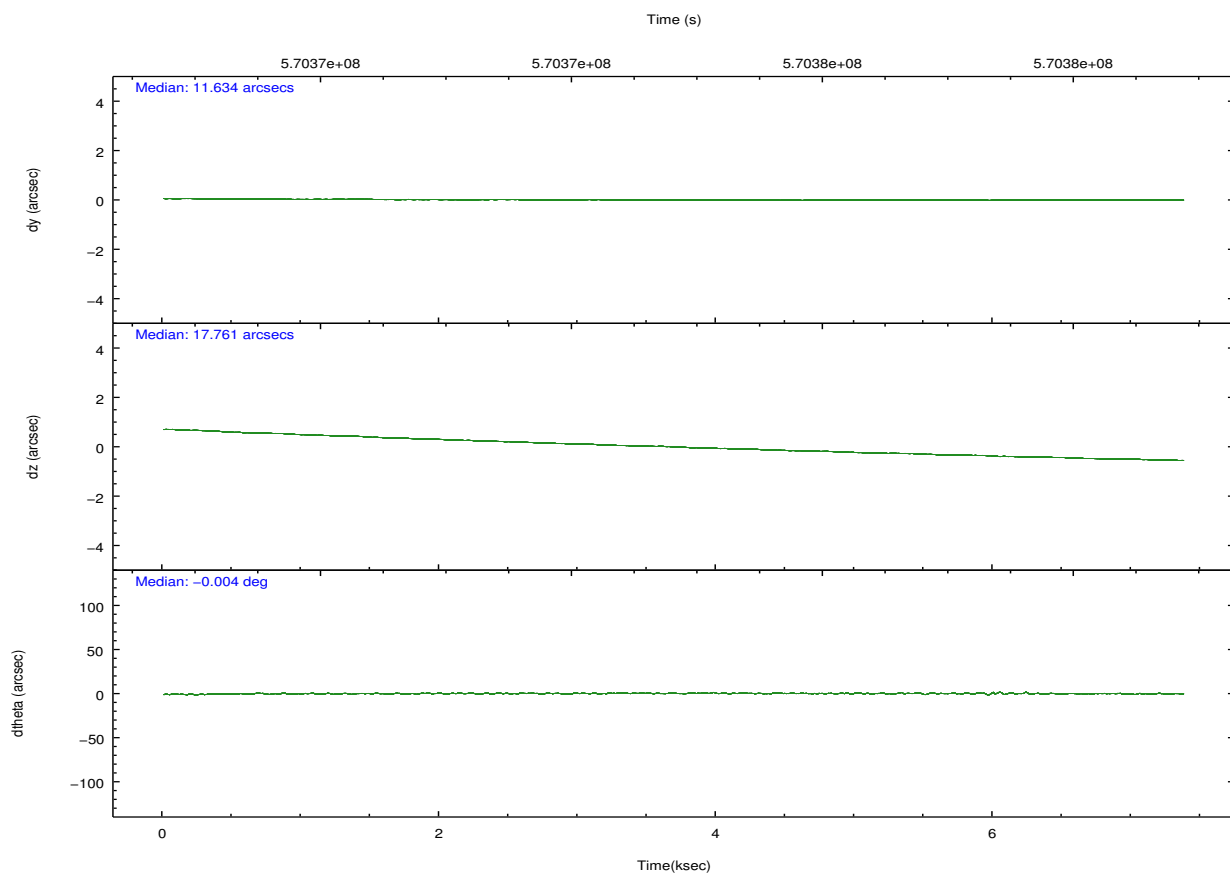
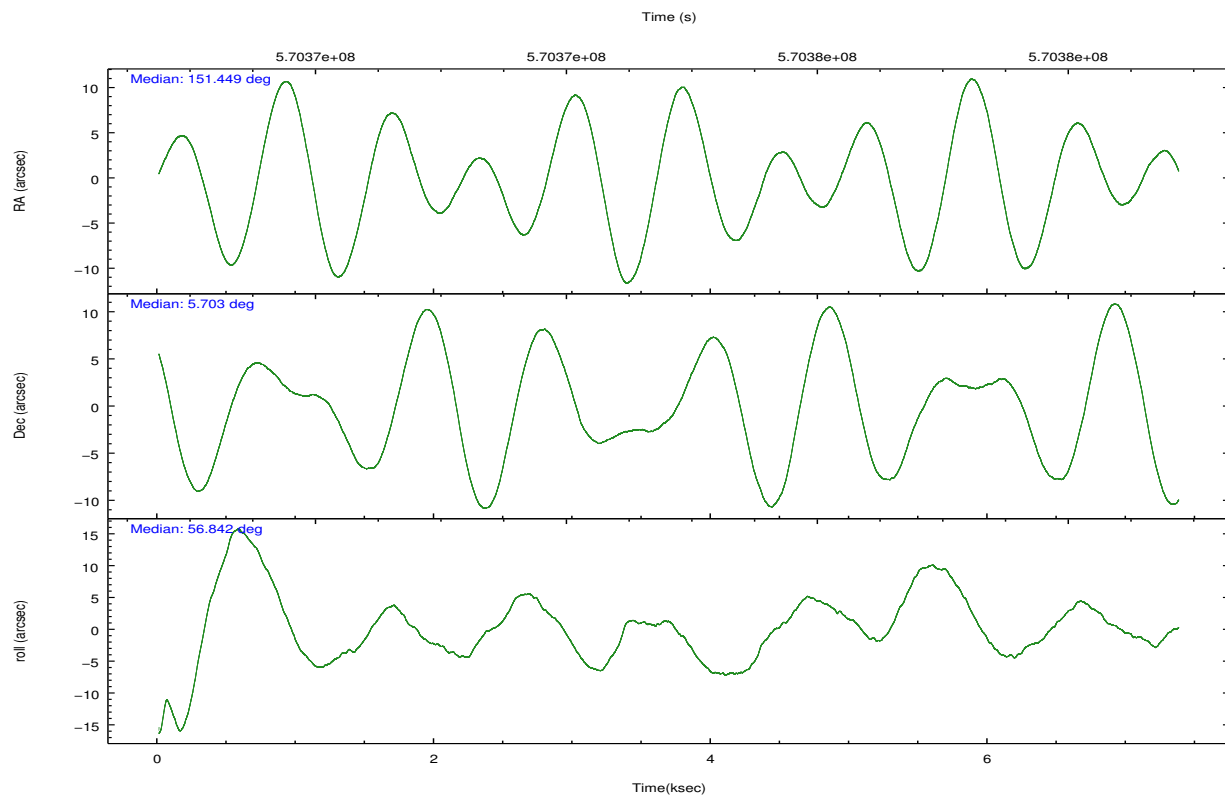
	ccd 7
grade 0 events	2150
	3%
grade 1 events	76
	0%
grade 2 events	5154
	9%
grade 3 events	2072
	3%
grade 4 events	2035
	3%
grade 5 events	5669
	10%
grade 6 events	13227
	23%
grade 7 events	25265
	45%

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	151.447341	151.4485075991445	Subarray requested	NONE	NONE
[deg] Pointing Dec	5.675250	5.702623641242671	Alternating exposures requested	N	N
[deg] Pointing Roll	56.691674	56.84819245503145	[s] Primary exposure time	0.000000	3
[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)	570371523.184000	570370743.7998199			
Observation start date	2016-01-28T12:30:55	2016-01-28T12:19:03			
[s] Observation end time (MET)	570378523.184000	570379208.7628			
Observation end date	2016-01-28T14:27:35	2016-01-28T14:40:08			
Read mode	TIMED	TIMED			

2.3 Aspect



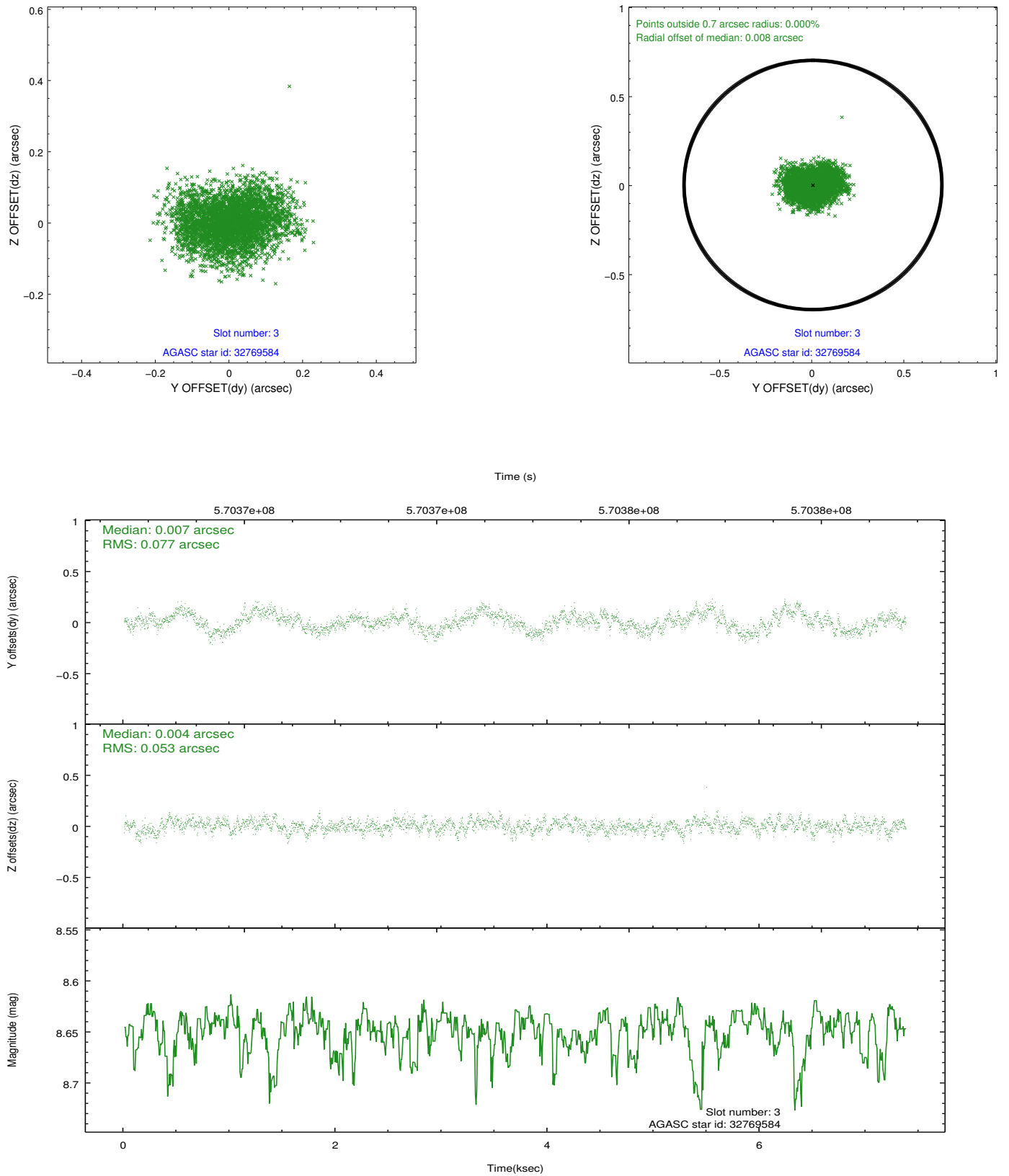


Slot Statistics

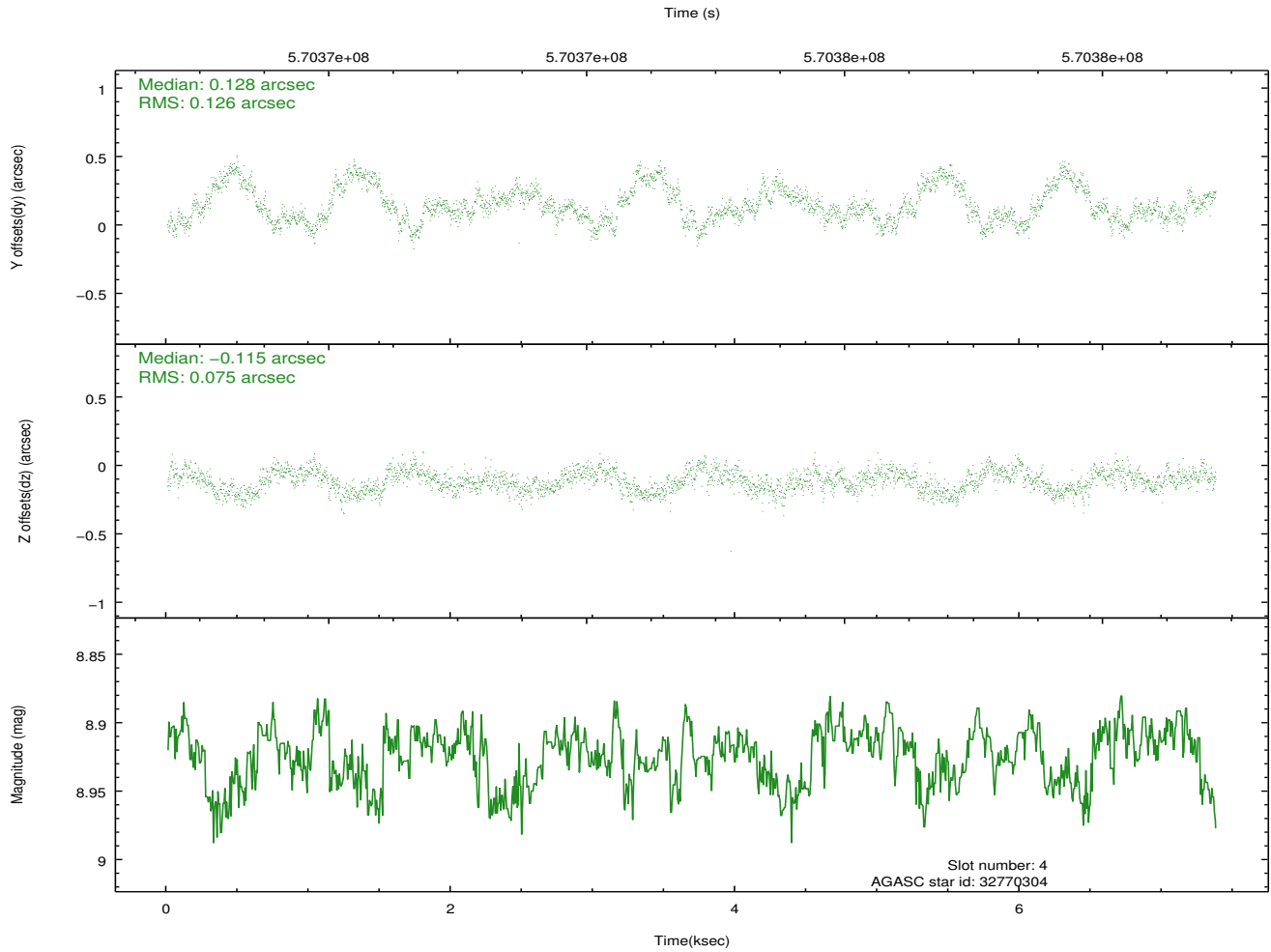
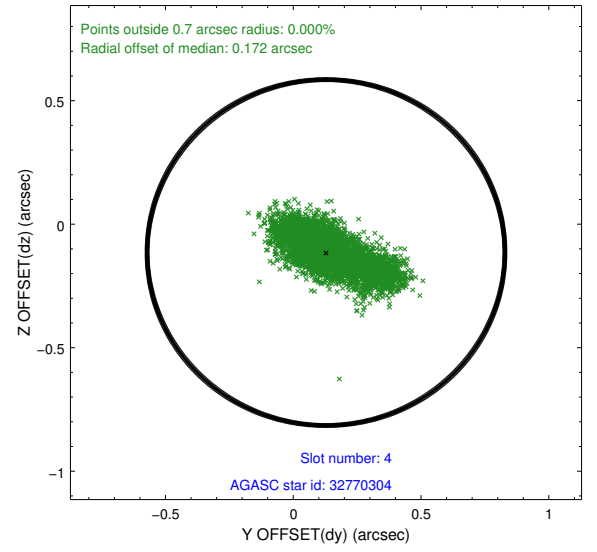
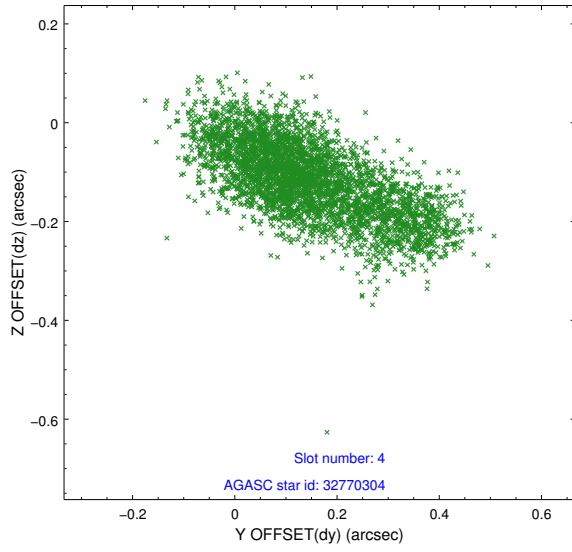
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.10	1798	-0.096	-0.089	0.010	0.016	0.000000	0.000000	-764.62	-1739.32
1	FID		ACIS-S-4	7.22	1798	0.296	0.070	0.006	0.011	0.000000	0.000000	2148.70	168.50
2	FID		ACIS-S-5	7.24	1798	-0.231	0.028	0.008	0.013	0.000000	0.000000	-1816.60	163.03
3	GUIDE	used	32769584	8.65	3597	0.007	0.004	0.102	0.159	151.091599	5.411792	-1492.22	544.99
4	GUIDE	used	32770304	8.92	3592	0.128	-0.115	0.153	0.269	150.765578	5.678870	-1329.32	2049.20
5	GUIDE	used	32777768	9.54	3593	-0.121	-0.002	0.319	0.470	151.097480	6.011164	322.52	1712.06
6	GUIDE	used	32778264	8.85	3594	-0.146	-0.029	0.121	0.188	151.871000	6.064352	2003.77	-497.10
7	GUIDE	used	32778528	8.83	3590	0.112	0.144	0.104	0.167	151.652532	5.523249	-52.15	-915.57

2.4 Star Slots

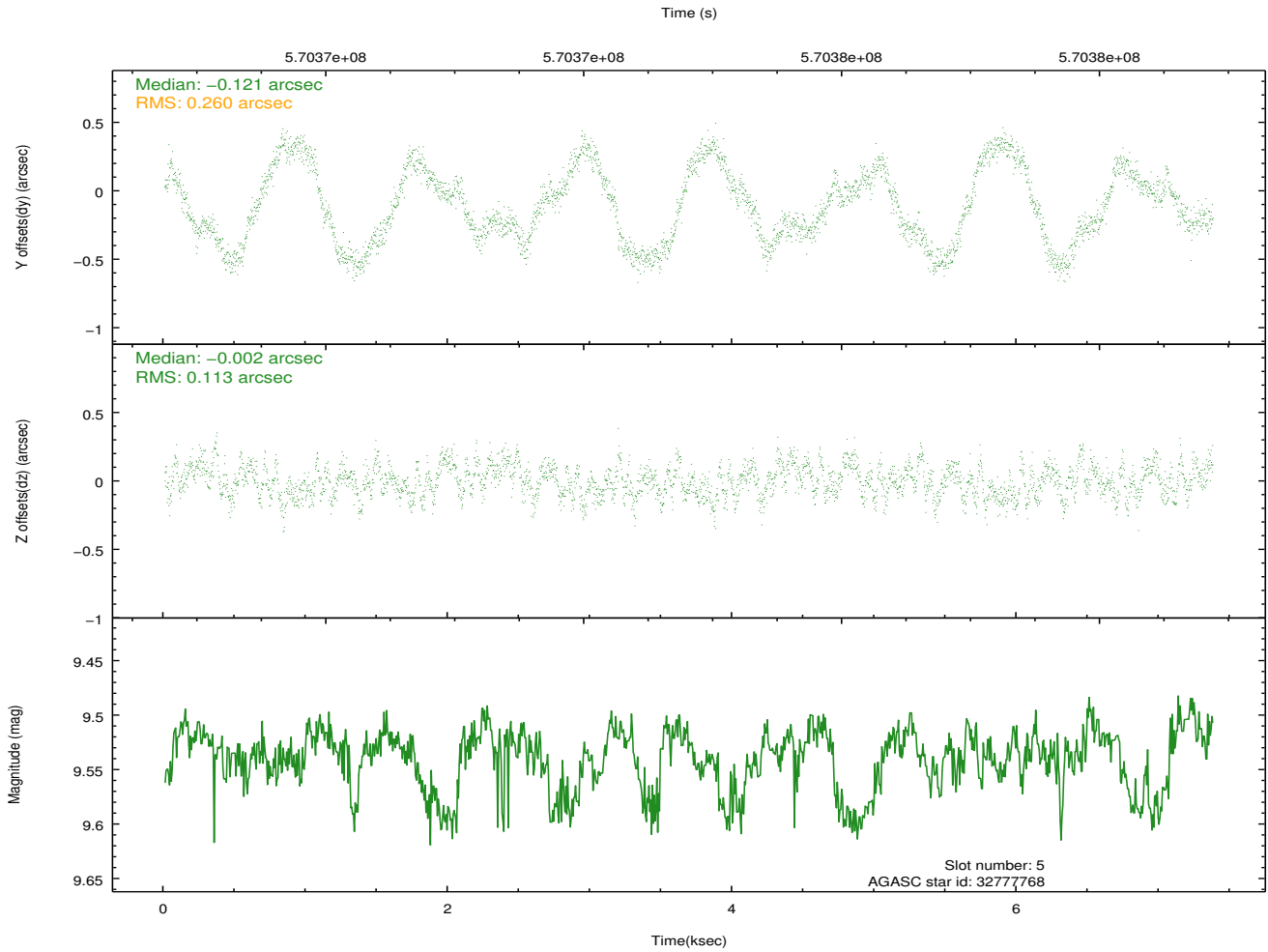
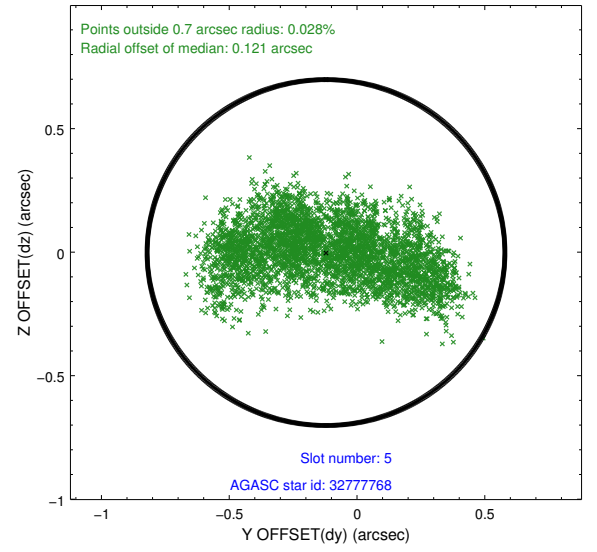
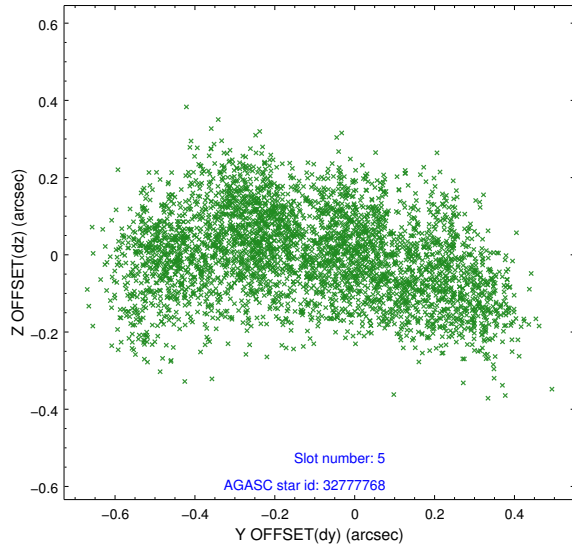
2.4.1 Slot 3



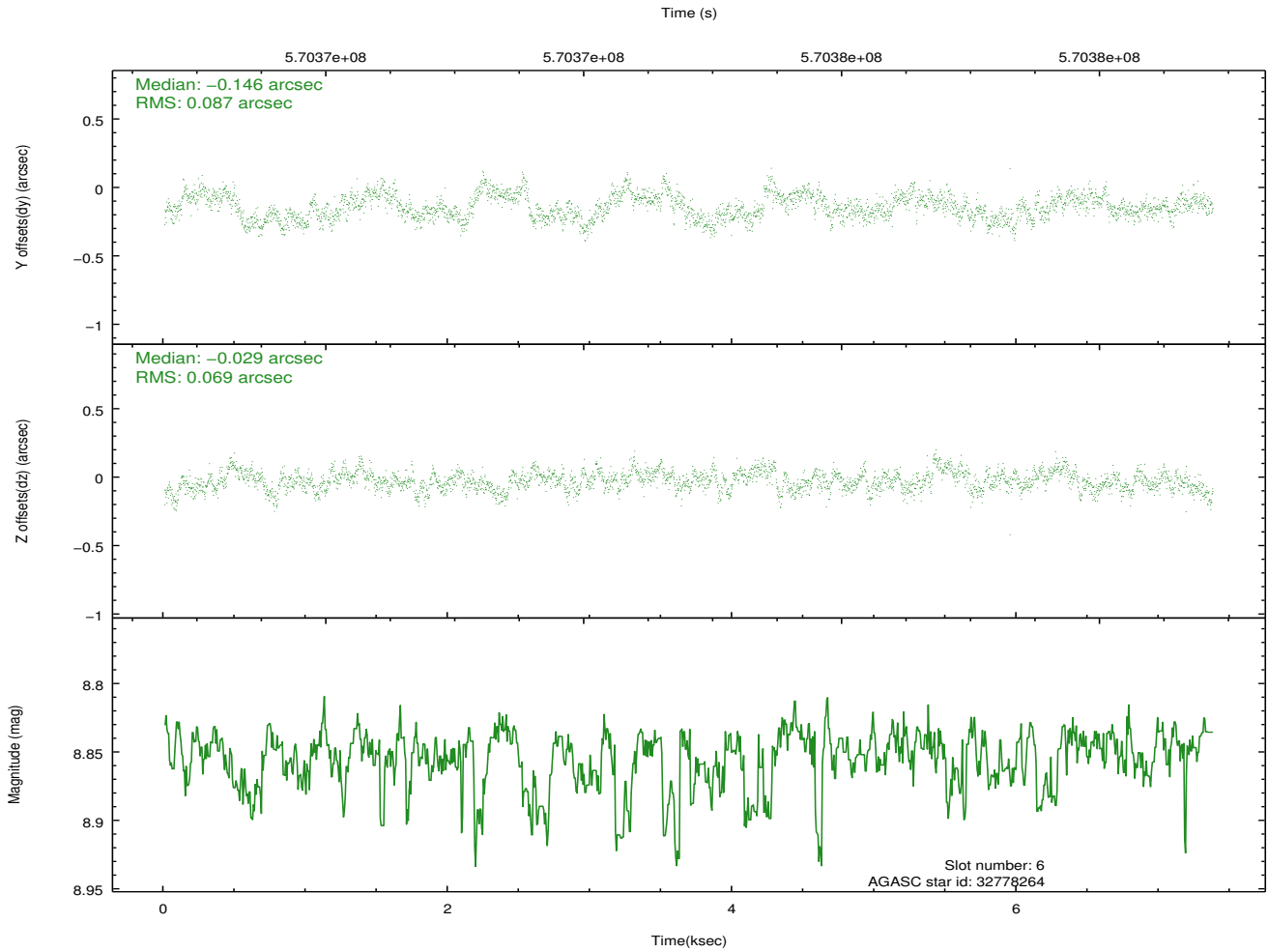
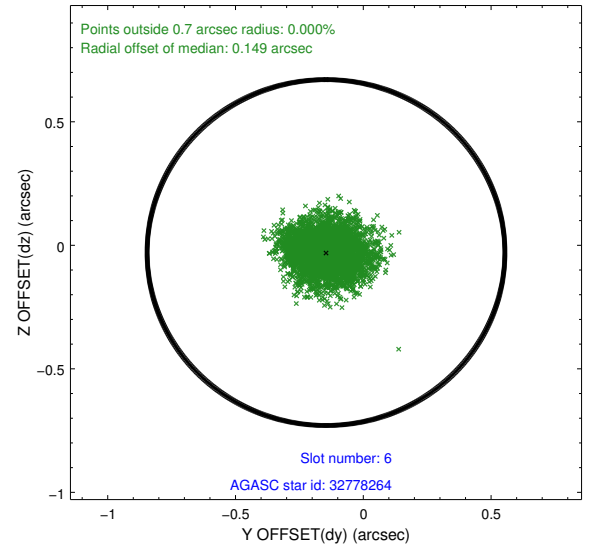
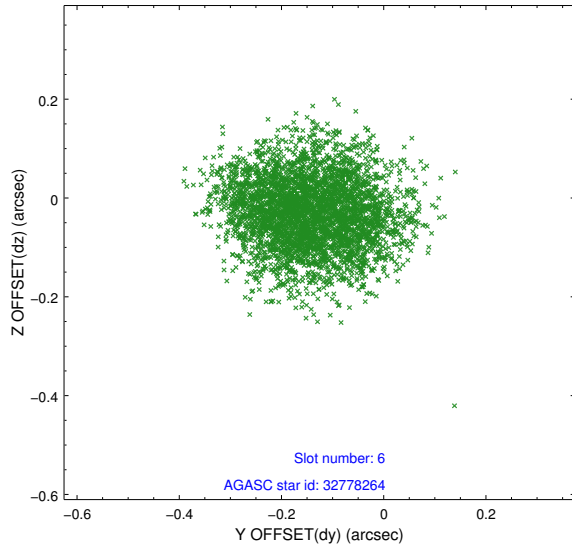
2.4.2 Slot 4



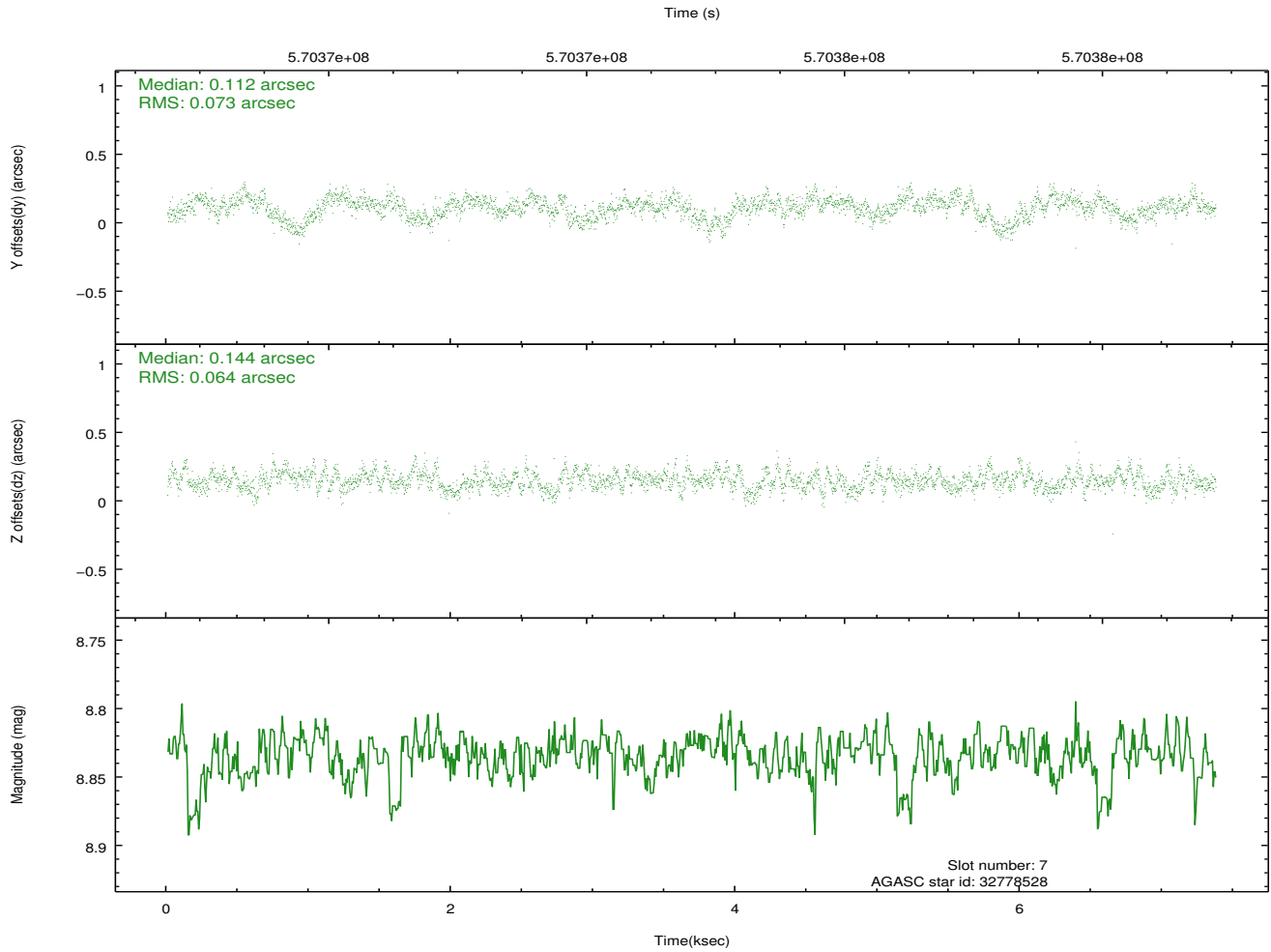
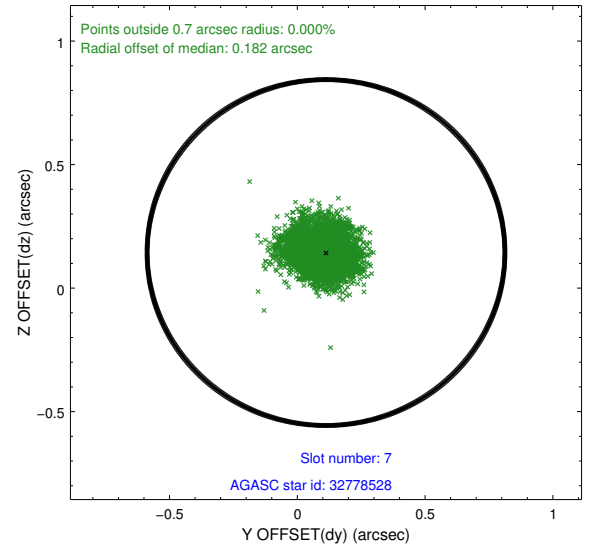
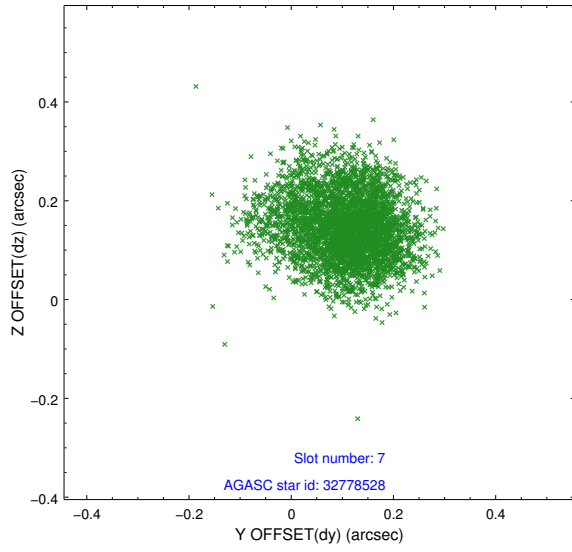
2.4.3 Slot 5



2.4.4 Slot 6

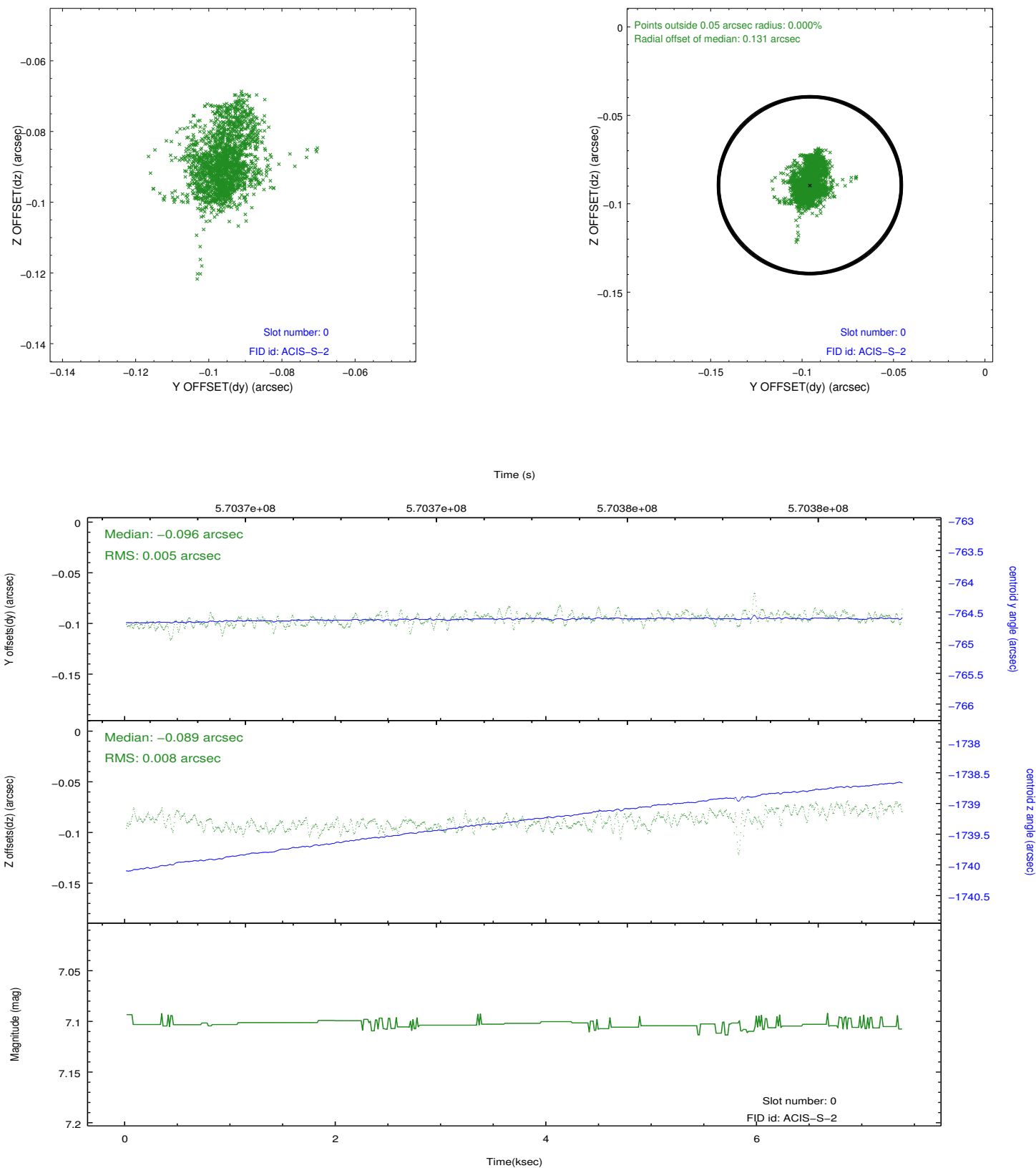


2.4.5 Slot 7

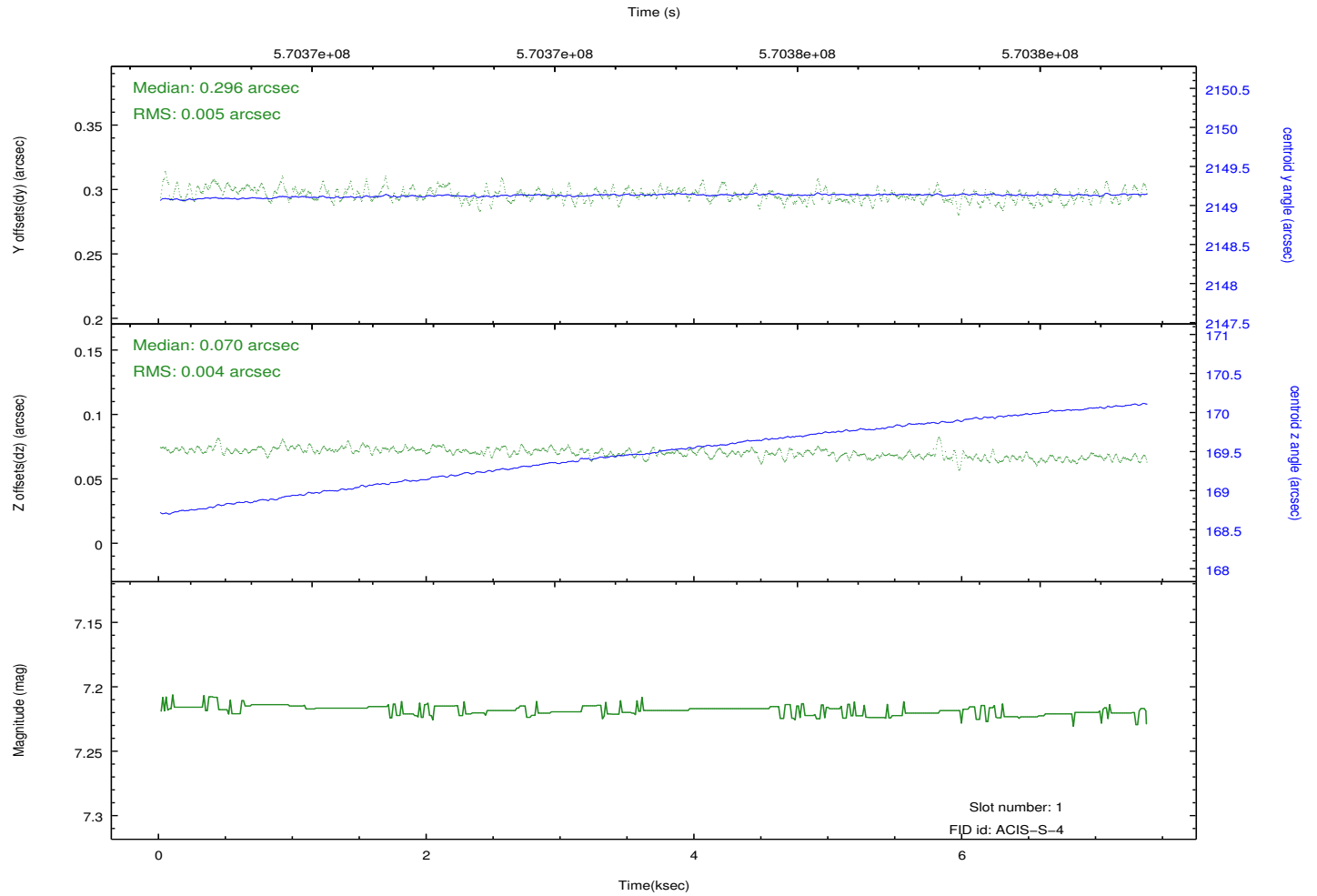
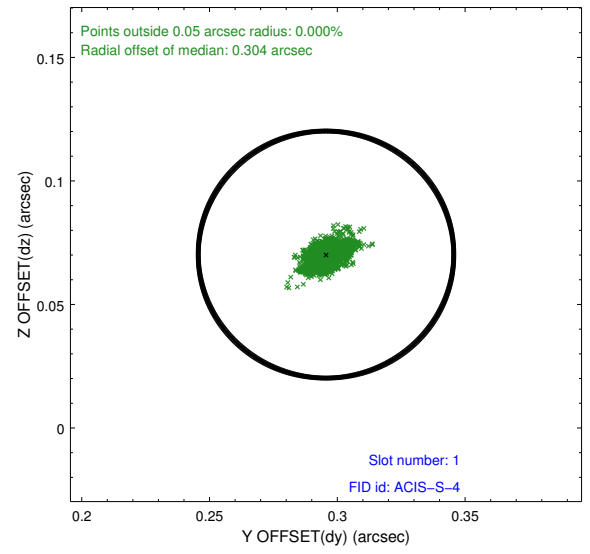
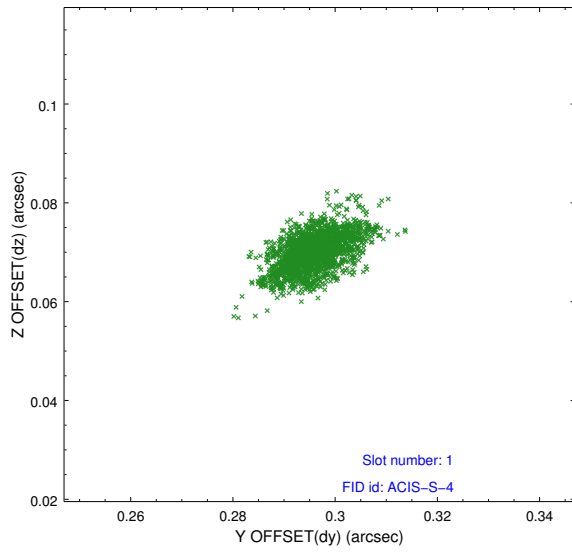


2.5 FID Slots

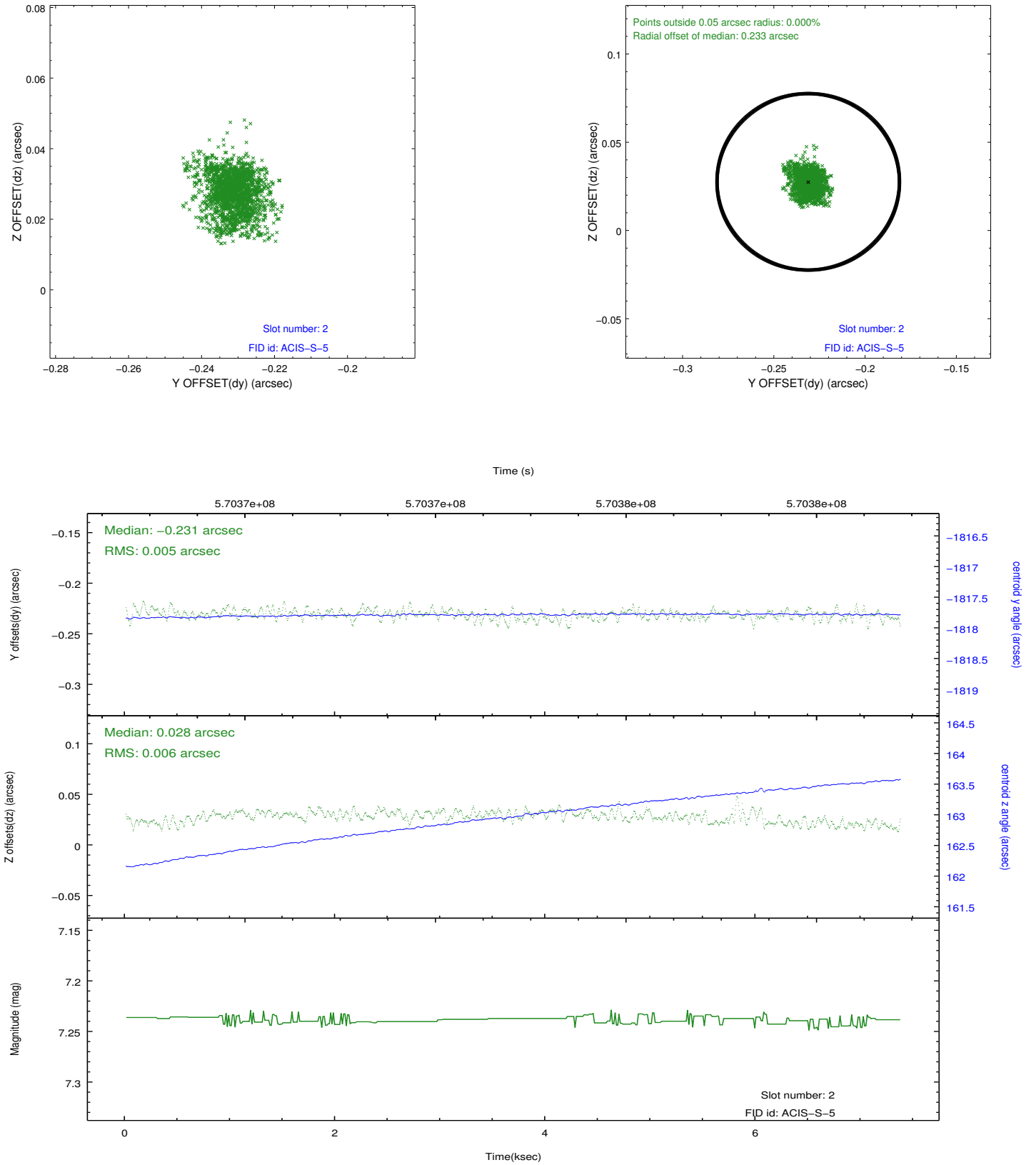
2.5.1 Slot 0



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)	2016.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.092

A.2 Comments

Comments for Obi 0

Star in slot 5 has an RMS deviation > 0.200000 arcsec