

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 13350 - L2 Version 1
Chandra X-Ray Center

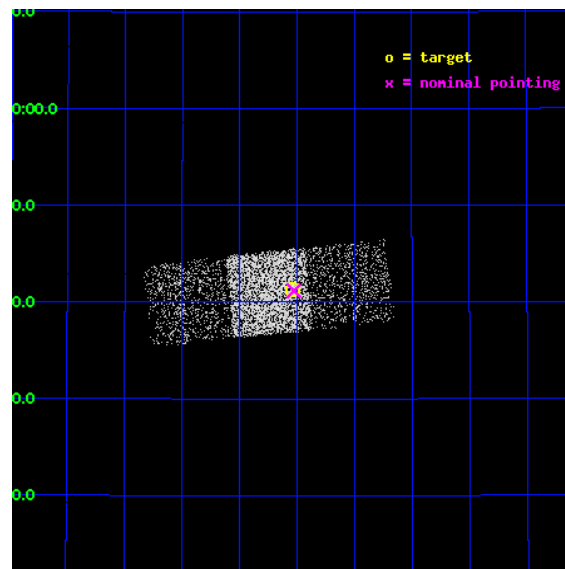
L2 Processing Date : May 3 2012

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1 Front

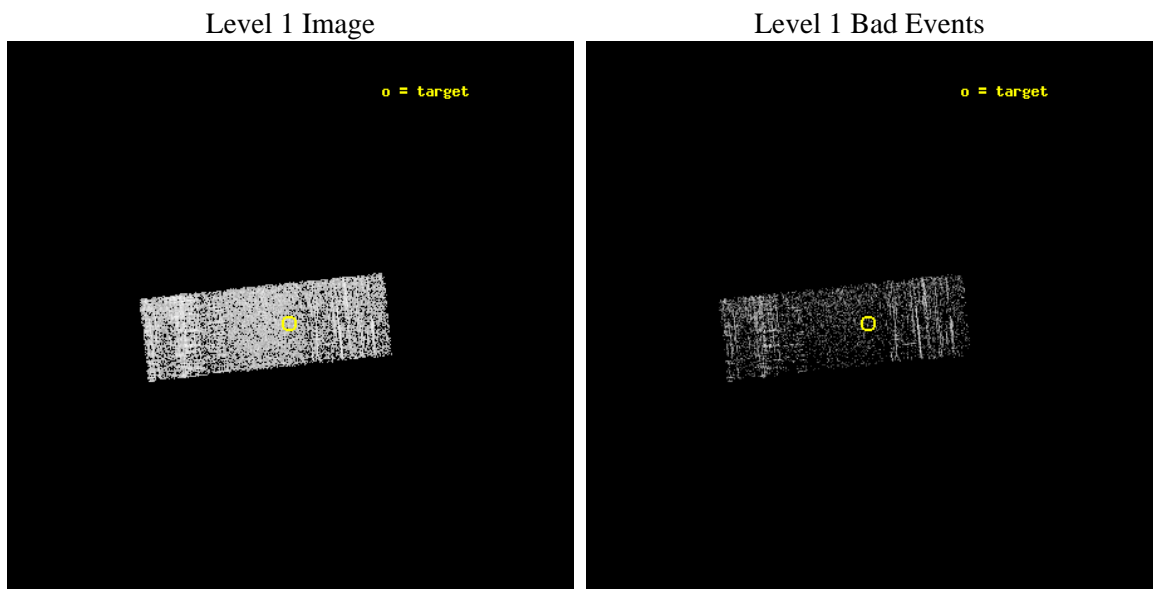
seq_num	702557	Sequence number
obs_id	13350	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSS J1503+3641	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.884167	Observer's specified target RA [deg]
dec_targ	36.688333	Observer's specified target Dec [deg]
ra_nom	225.88186198083	Nominal RA [deg]
dec_nom	36.686187398813	Nominal Dec [deg]
roll_nom	173.89732698031	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1577.9000121355	Sum of GTIs [s]
livetime	1557.2835868439	Livetime [s]
ontime6	1577.9000121355	Sum of GTIs [s]
ontime7	1577.9000121355	Sum of GTIs [s]
ontime8	1577.9000121355	Sum of GTIs [s]
l2events	6580	Number of level 2 events



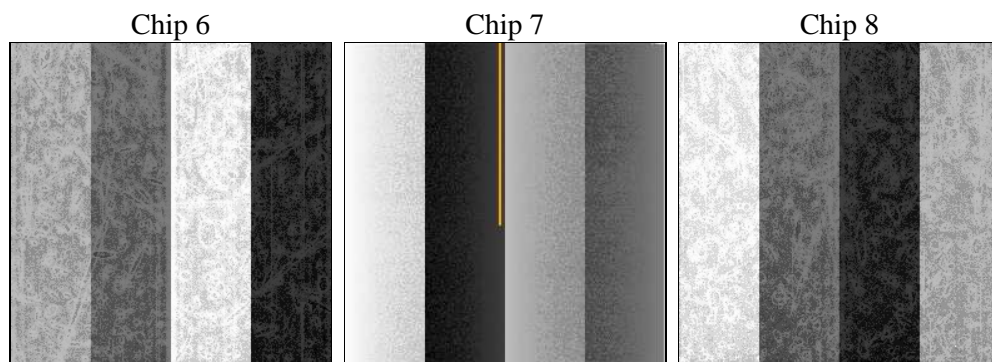
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	4	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1577.9000121355	Sum of GTIs [s]
caldsver	4.4.9	 	ontime6	1577.9000121355	Sum of GTIs [s]
date	2012-05-04T02:59:30	Date and time of file creation	ontime7	1577.9000121355	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1577.9000121355	Sum of GTIs [s]
			l1events	32125	Number of level 1 events

2.1.4 Events

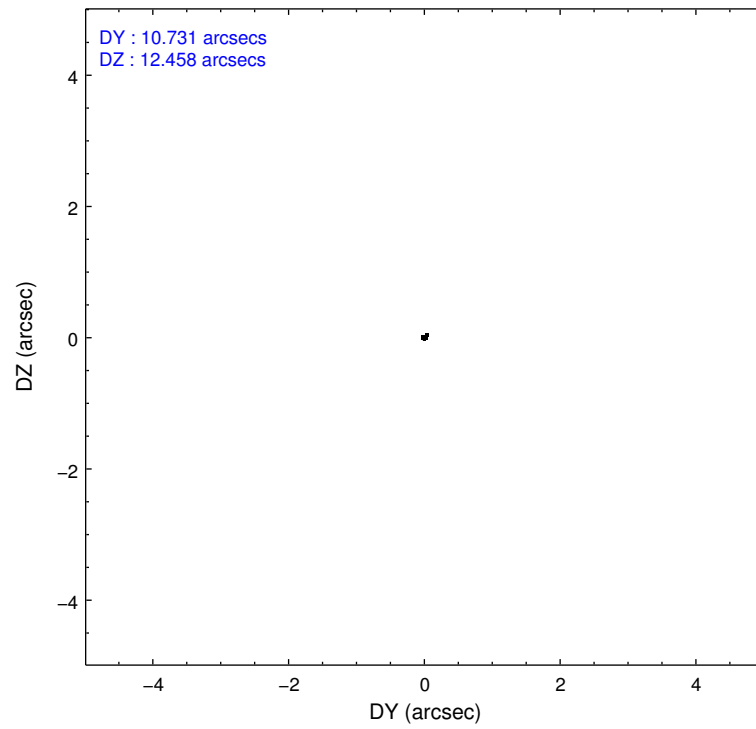
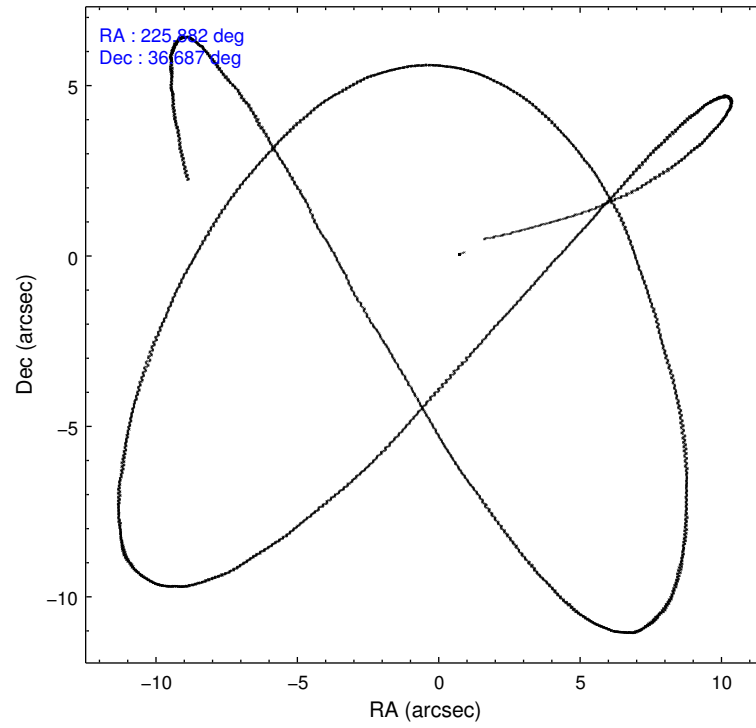
	ccd 6	ccd 7	ccd 8
level 1 events	9692	10134	12299
rejected events	8616	5331	9121
rejected %	88%	52%	74%

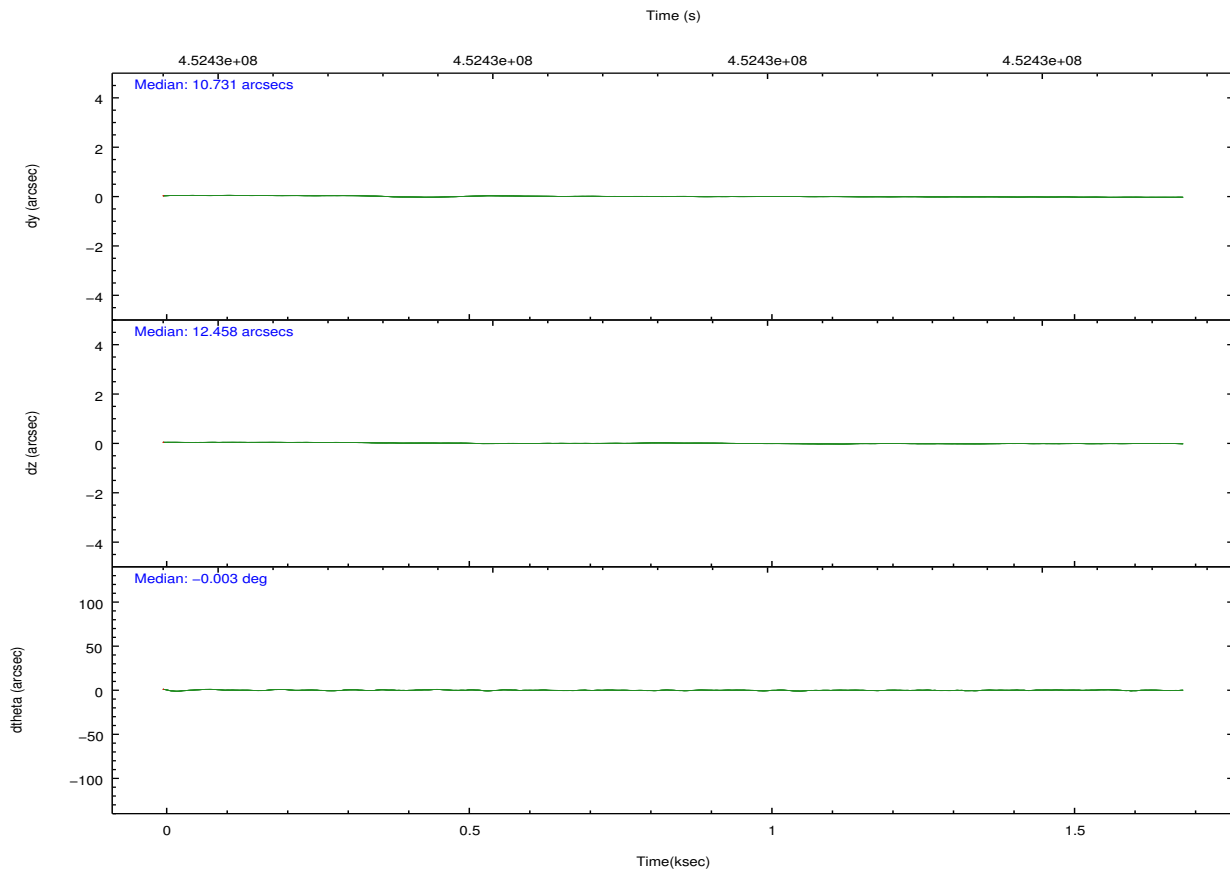
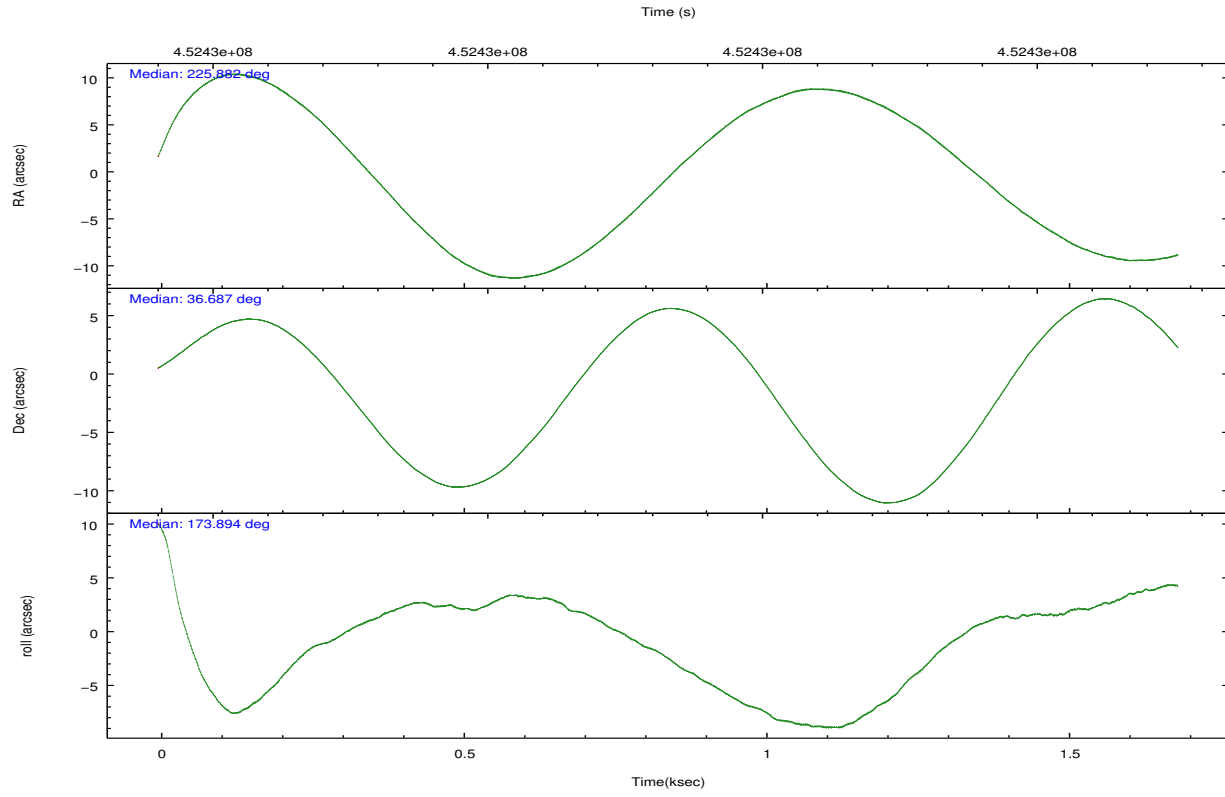
	ccd 6	ccd 7	ccd 8
grade 0 events	390	464	891
	4%	4%	7%
grade 1 events	2	15	7
	0%	0%	0%
grade 2 events	247	1076	825
	2%	10%	6%
grade 3 events	116	460	315
	1%	4%	2%
grade 4 events	103	421	276
	1%	4%	2%
grade 5 events	382	1127	605
	3%	11%	4%
grade 6 events	221	2394	895
	2%	23%	7%
grade 7 events	8231	4177	8485
	84%	41%	68%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	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	225.912799	225.8818619808304	Subarray requested	NONE	NONE
[deg] Pointing Dec	36.697379	36.68618739881307	Alternating exposures requested	N	N
[deg] Pointing Roll	173.722159	173.8973269803086	[s] Primary exposure time	0.000000	3.1
[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)	452426675.184000	452425697.76059			
Observation start date	2012-05-03T10:03:29	2012-05-03T09:48:17			
[s] Observation end time (MET)	452428175.184000	452428907.03576			
Observation end date	2012-05-03T10:28:29	2012-05-03T10:41:47			
Read mode	TIMED	TIMED			

2.3 Aspect



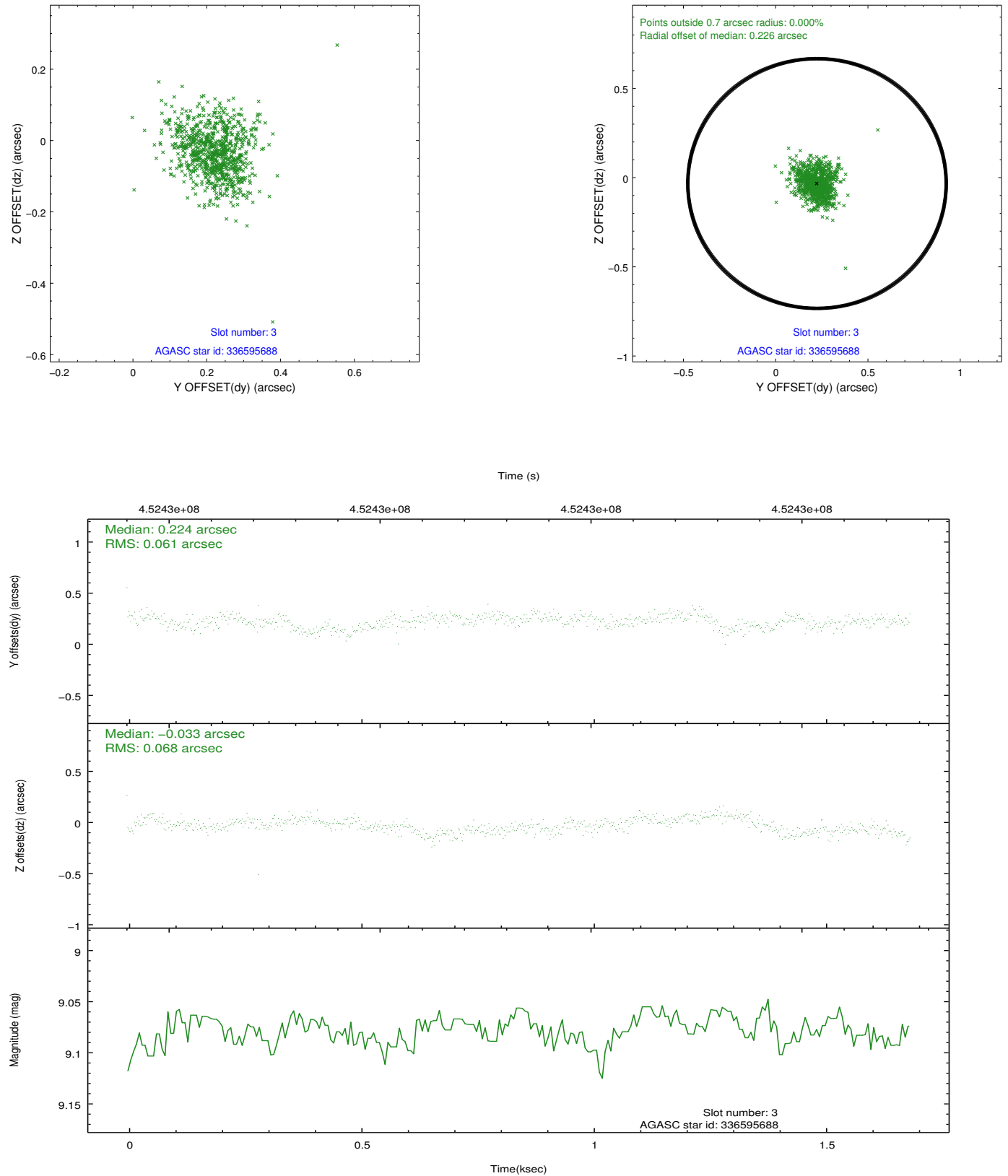


Slot Statistics

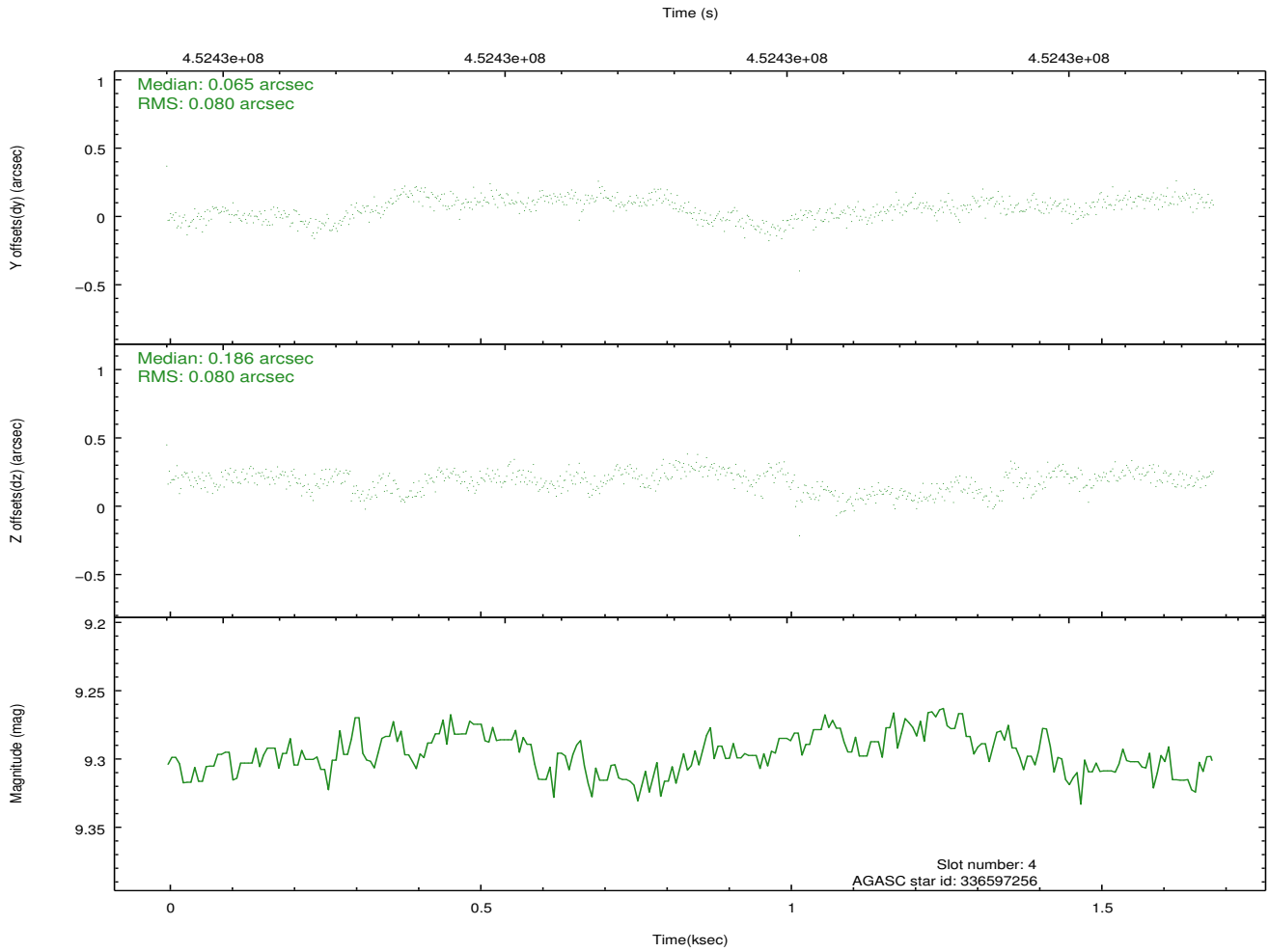
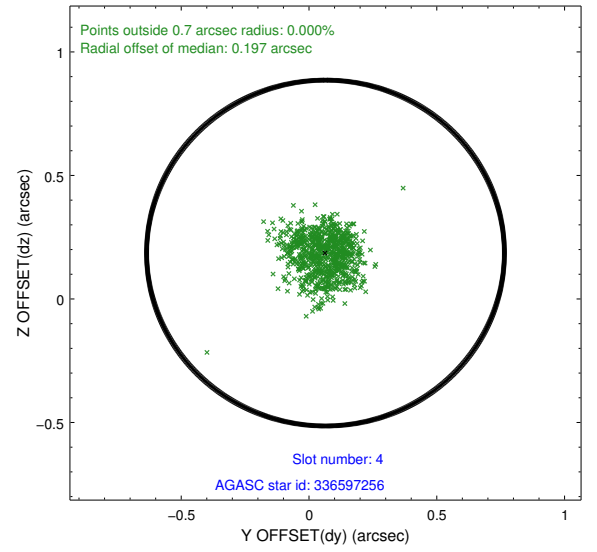
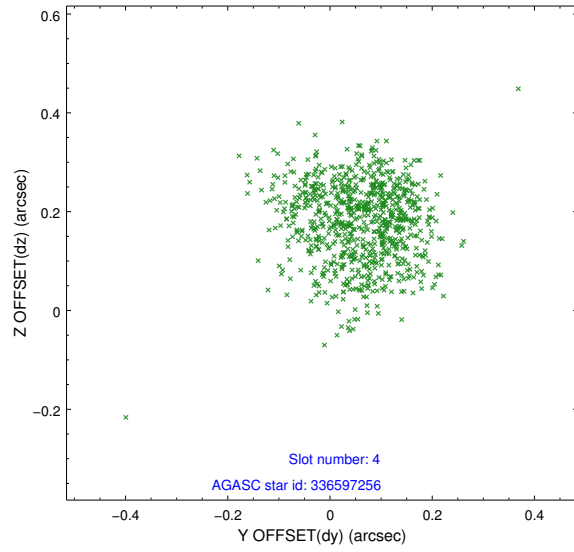
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.98	412	-0.052	-0.028	0.006	0.012	0.000000	0.000000	-763.67	-1733.79
1	FID	ACIS-S-4	7.07	412	0.168	0.033	0.005	0.009	0.000000	0.000000	2148.08	170.66
2	FID	ACIS-S-5	7.10	412	-0.148	0.003	0.006	0.010	0.000000	0.000000	-1811.56	168.81
3	GUIDE	336595688	9.08	823	0.224	-0.033	0.093	0.154	225.168465	36.620956	2109.01	501.59
4	GUIDE	336597256	9.30	823	0.065	0.186	0.120	0.190	226.011227	36.841017	-222.10	-543.29
5	GUIDE	336597712	6.50	823	-0.285	-0.068	0.099	0.158	226.646440	36.456065	-2205.14	623.04
6	GUIDE	336597928	10.21	820	0.013	0.039	0.171	0.272	225.310659	36.666603	1714.38	296.90
7	GUIDE	336593152	10.07	822	-0.005	-0.123	0.186	0.290	225.215402	36.106195	1786.60	2331.53

2.4 Star Slots

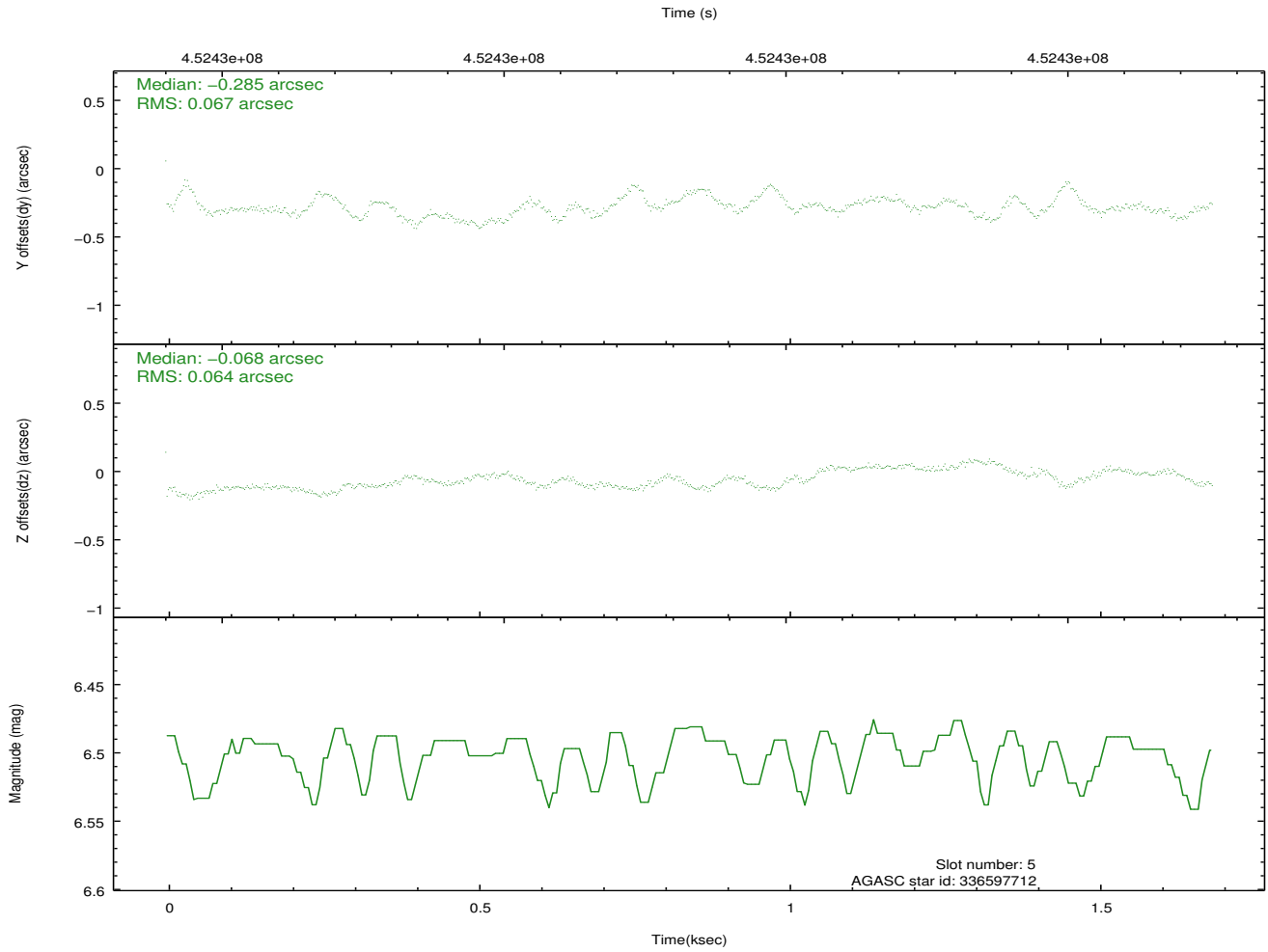
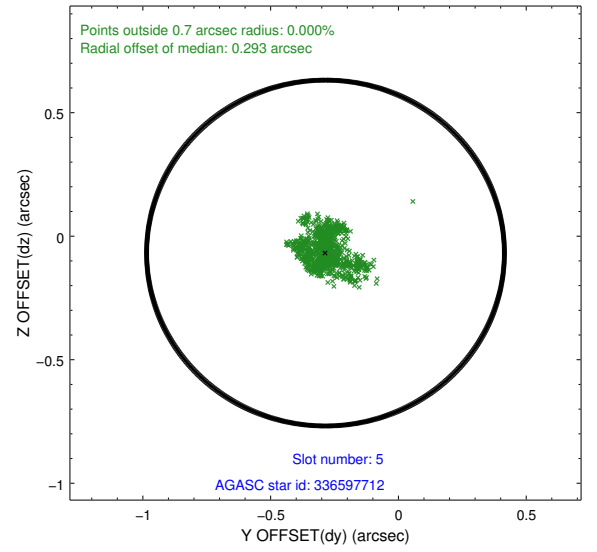
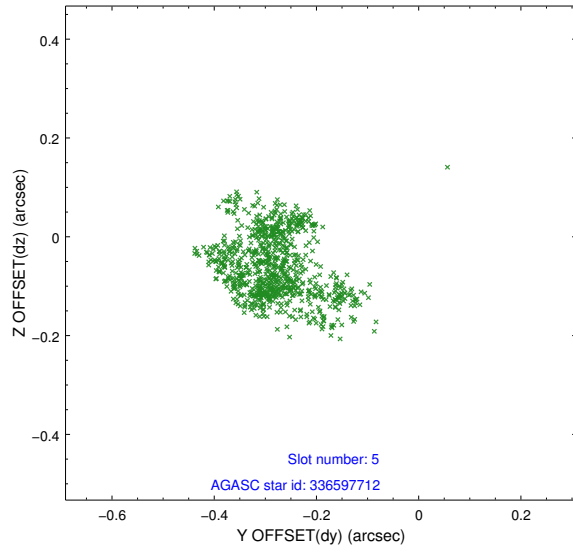
2.4.1 Slot 3



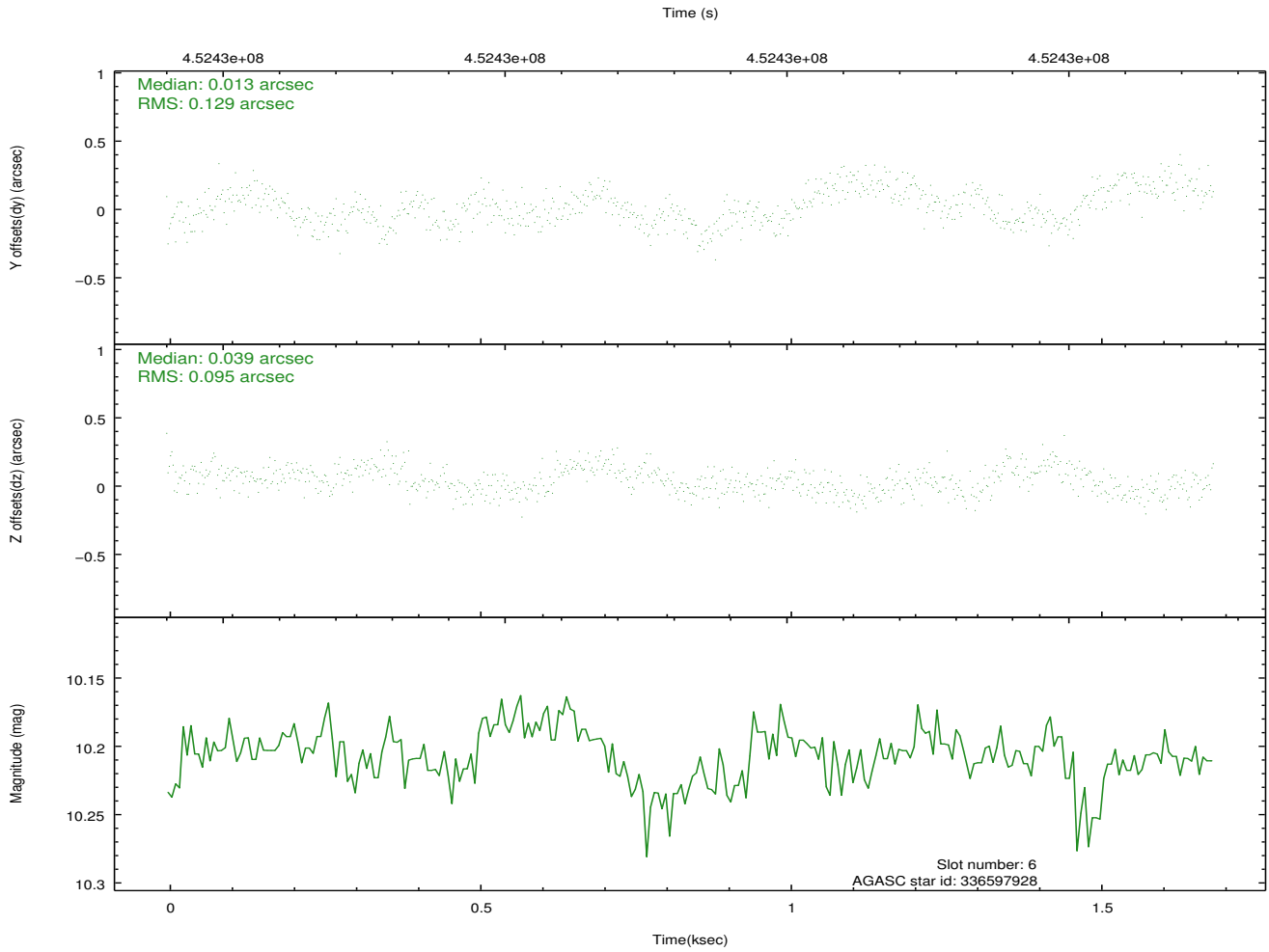
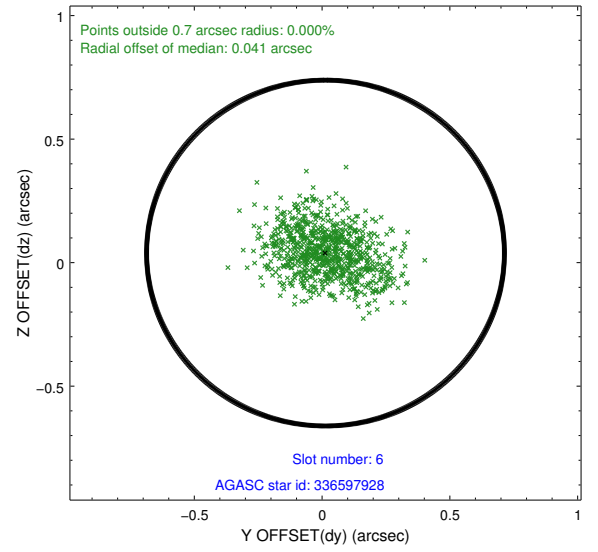
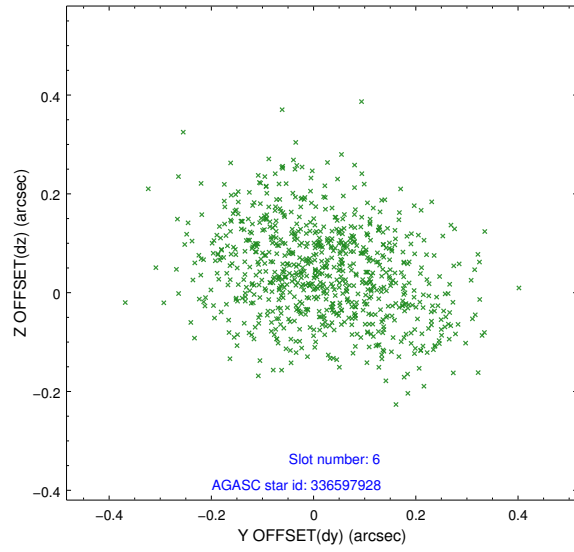
2.4.2 Slot 4



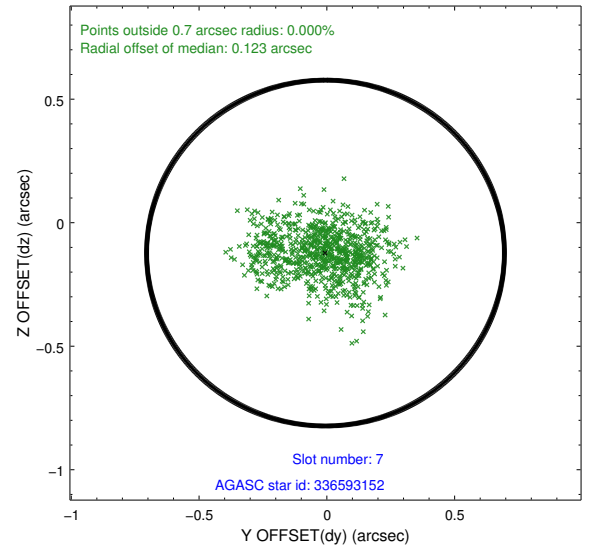
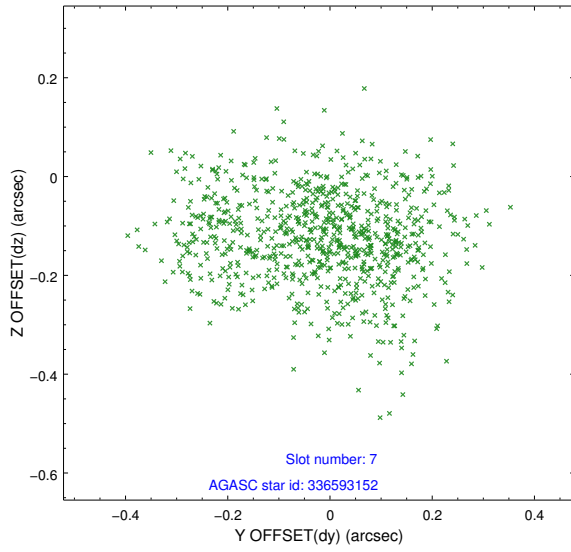
2.4.3 Slot 5



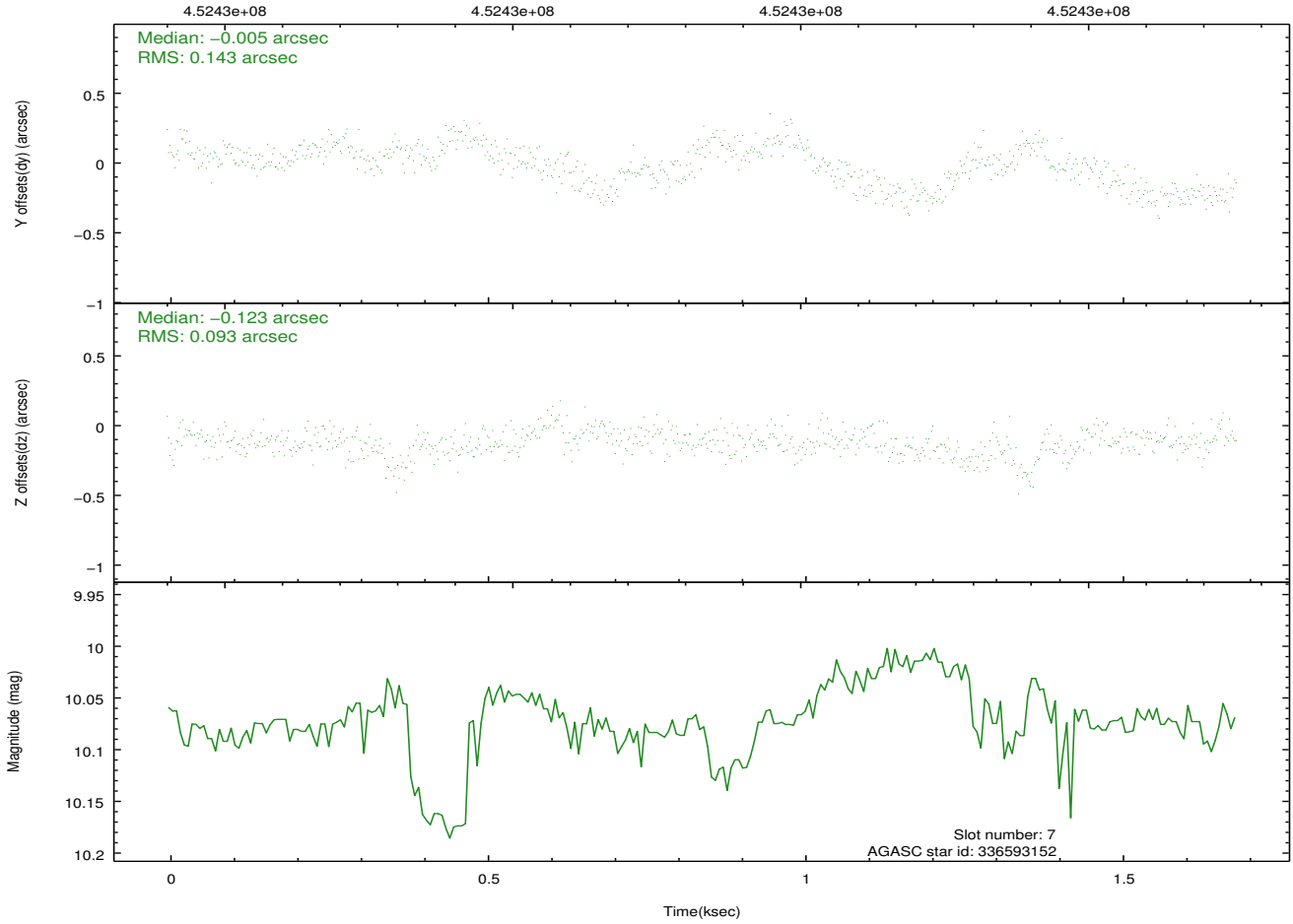
2.4.4 Slot 6



2.4.5 Slot 7

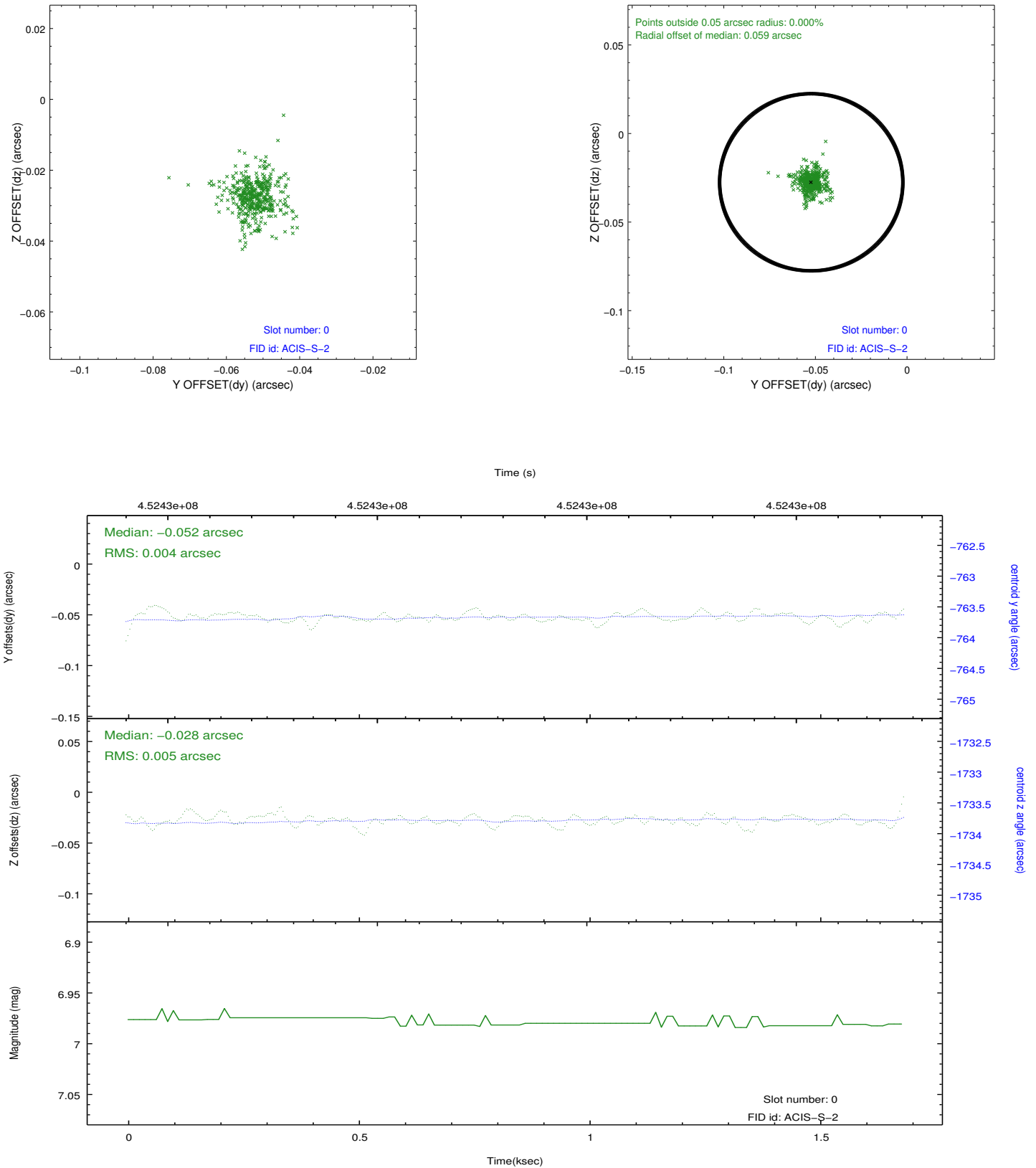


Time (s)

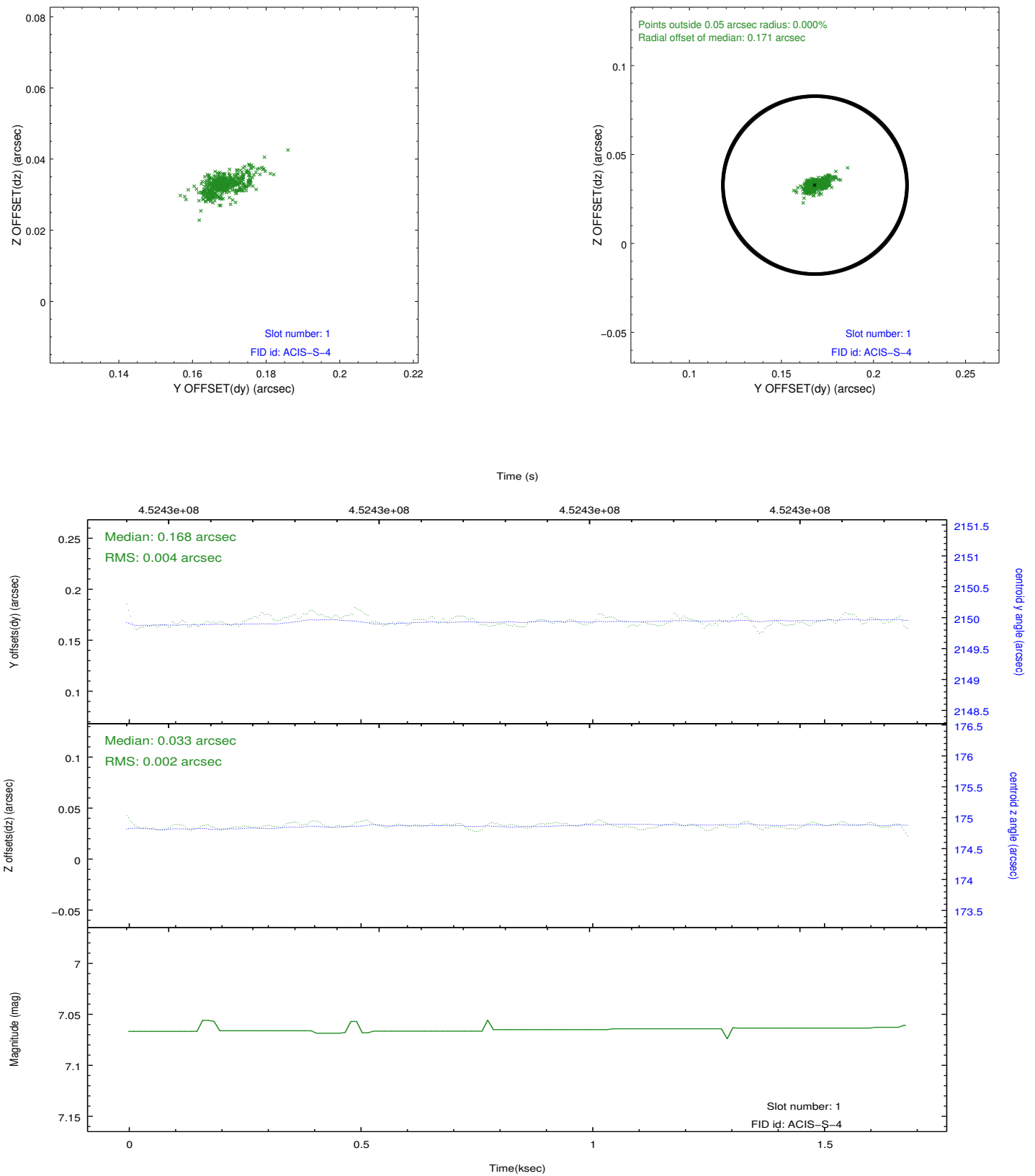


2.5 FID Slots

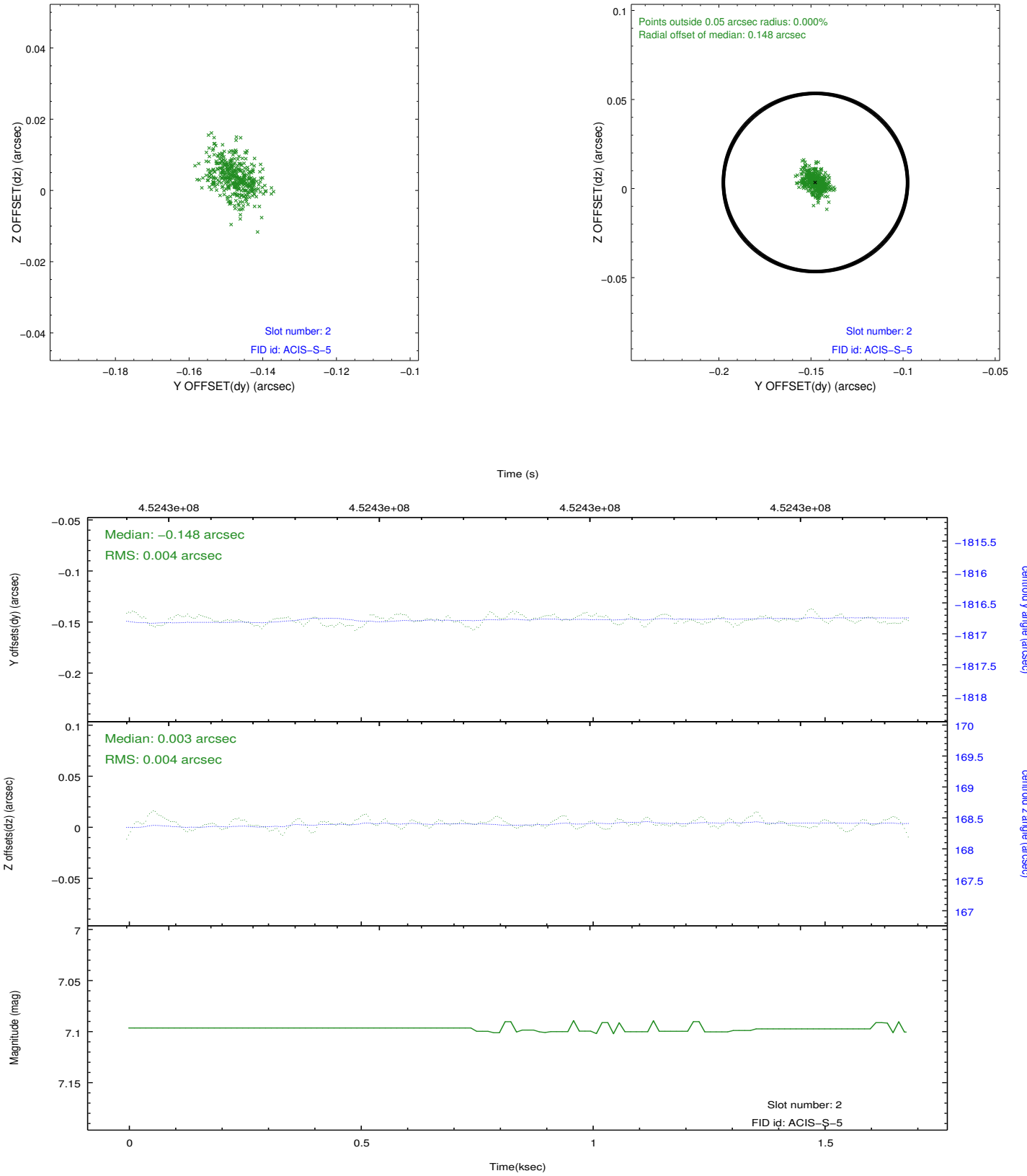
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5779000121355

A.2 Comments