

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9202 - L2 Version 2
Chandra X-Ray Center

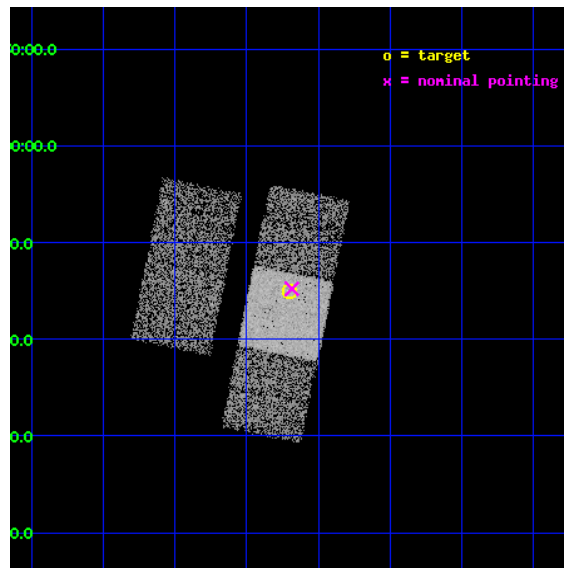
L2 Processing Date : May 12 2012

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1 Front

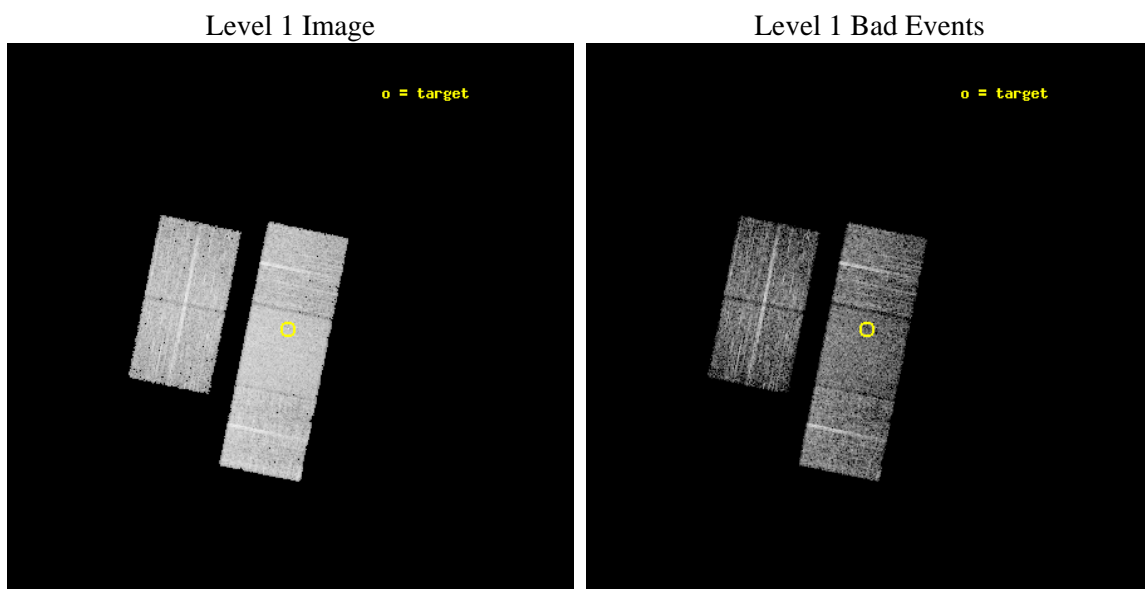
seq_num	701644	Sequence number
obs_id	9202	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S29	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.674583	Observer's specified target RA [deg]
dec_targ	-1.250083	Observer's specified target Dec [deg]
ra_nom	329.67125173587	Nominal RA [deg]
dec_nom	-1.2465820968352	Nominal Dec [deg]
roll_nom	101.51121020383	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3930.8000302315	Sum of GTIs [s]
livetime	3879.4412340236	Livetime [s]
ontime2	3930.8000302315	Sum of GTIs [s]
ontime3	3930.8000302315	Sum of GTIs [s]
ontime6	3930.8000302315	Sum of GTIs [s]
ontime7	3930.8000302315	Sum of GTIs [s]
ontime8	3927.6590399742	Sum of GTIs [s]
l2events	37244	Number of level 2 events



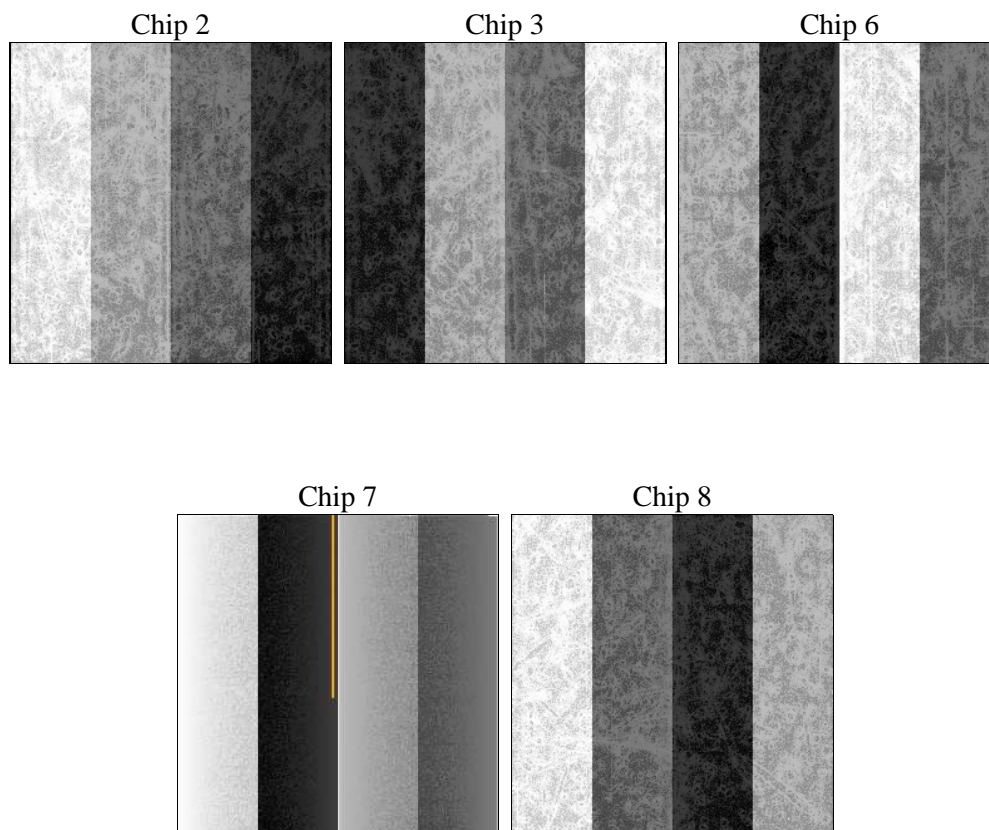
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3930.8000302315	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3930.8000302315	Sum of GTIs [s]
date	2012-05-12T14:21:25	Date and time of file creation	ontime3	3930.8000302315	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3930.8000302315	Sum of GTIs [s]
			ontime7	3930.8000302315	Sum of GTIs [s]
			ontime8	3927.6590399742	Sum of GTIs [s]
			l1events	209602	Number of level 1 events

2.1.4 Events

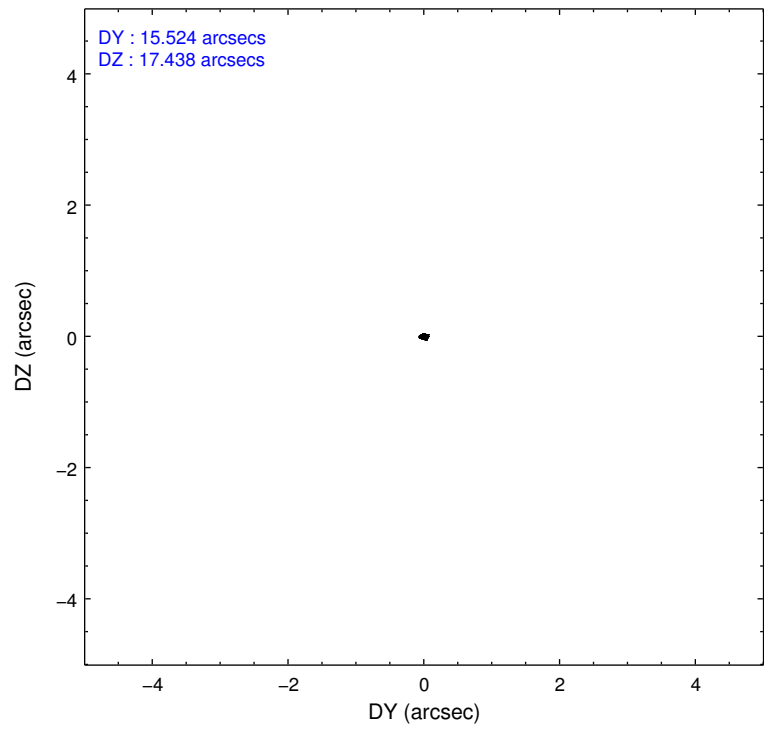
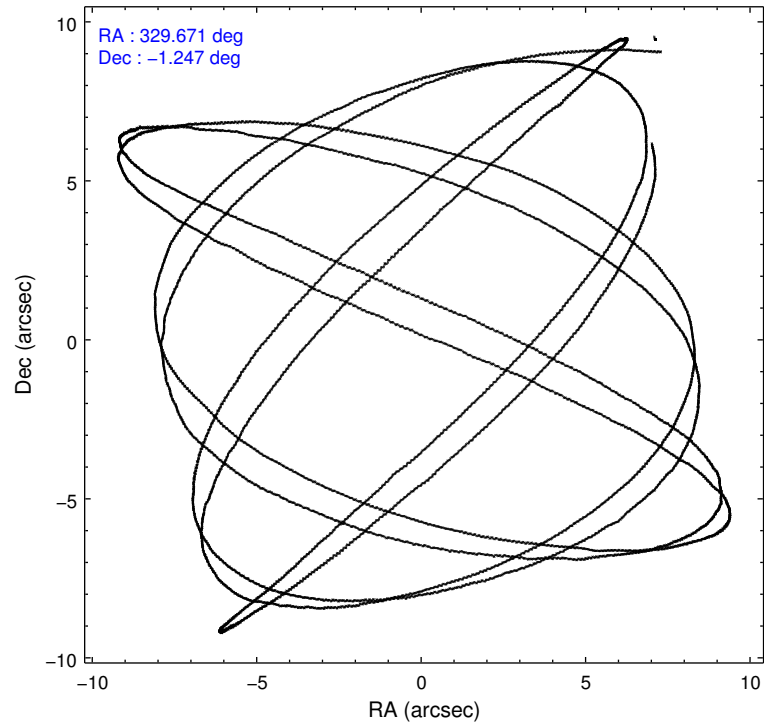
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	35897	35623	37863	51818	48401
rejected events	31435	31190	33278	30385	37551
rejected %	87%	87%	87%	58%	77%

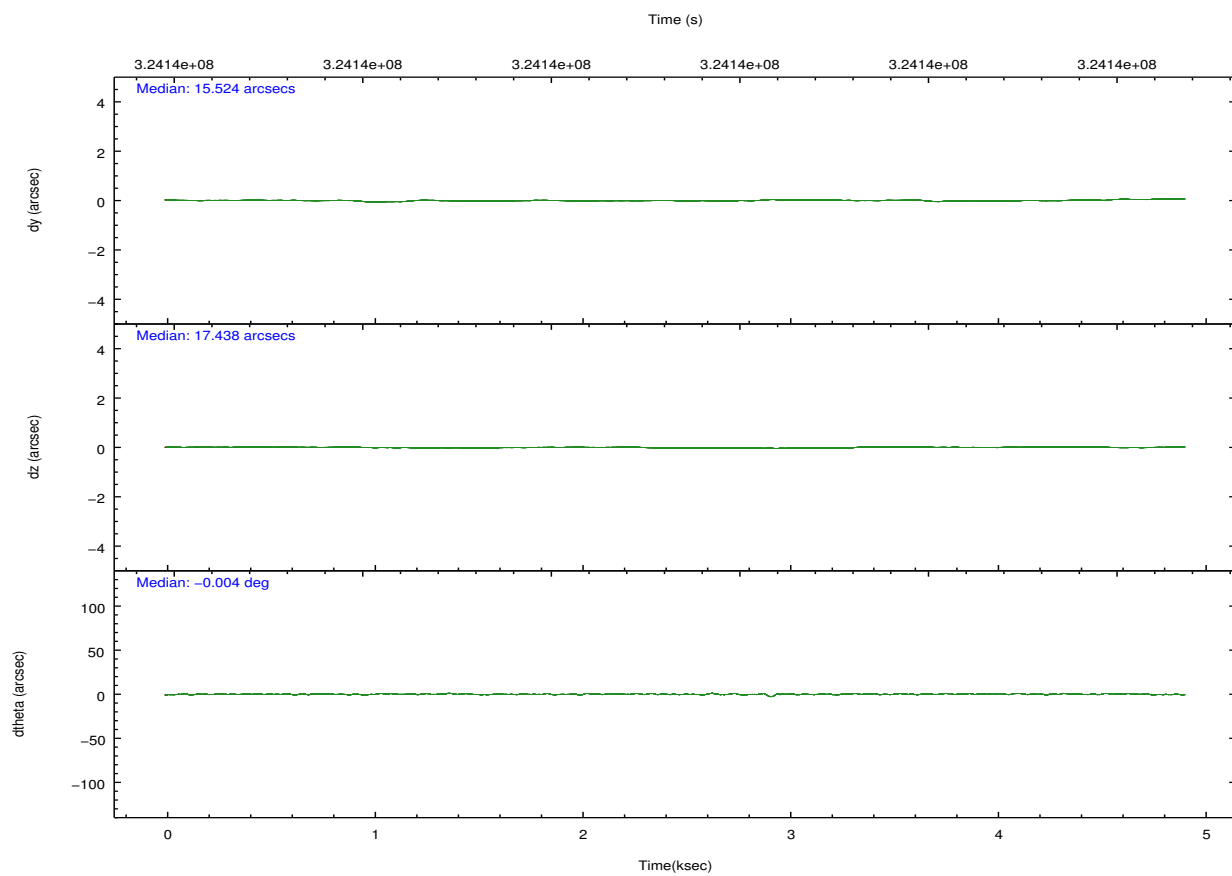
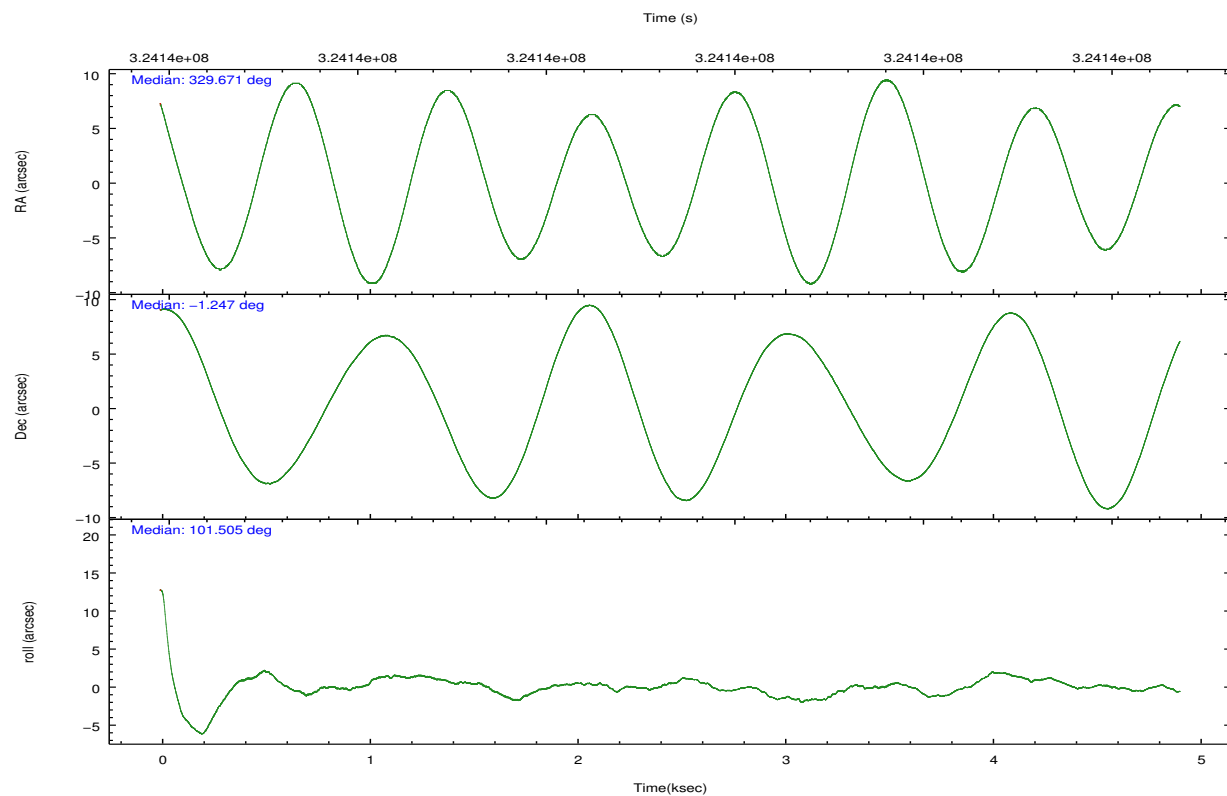
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1965	1901	1714	1872	3405
	5%	5%	4%	3%	7%
grade 1 events	26	21	12	60	32
	0%	0%	0%	0%	0%
grade 2 events	917	896	1066	4412	2626
	2%	2%	2%	8%	5%
grade 3 events	419	442	424	1852	1033
	1%	1%	1%	3%	2%
grade 4 events	434	426	428	1775	979
	1%	1%	1%	3%	2%
grade 5 events	1473	1676	1822	4950	2470
	4%	4%	4%	9%	5%
grade 6 events	728	774	954	11540	2812
	2%	2%	2%	22%	5%
grade 7 events	29935	29487	31443	25357	35044
	83%	82%	83%	48%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	329.689670	329.6712517358739	CCD I2 on	O1	Y
[deg] Pointing Dec	-1.266779	-1.246582096835182	CCD I3 on	Y	Y
[deg] Pointing Roll	101.354961	101.5112102038291	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	Y	Y
[s] Observation start time (MET)	324139207.184000	324137864.6457	CCD S5 on	N	N
Observation start date	2008-04-09T14:39:02	2008-04-09T14:17:44	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	324143107.184000	324144049.496	On-chip summing requested	N	N
Observation end date	2008-04-09T15:44:02	2008-04-09T16:00:49	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



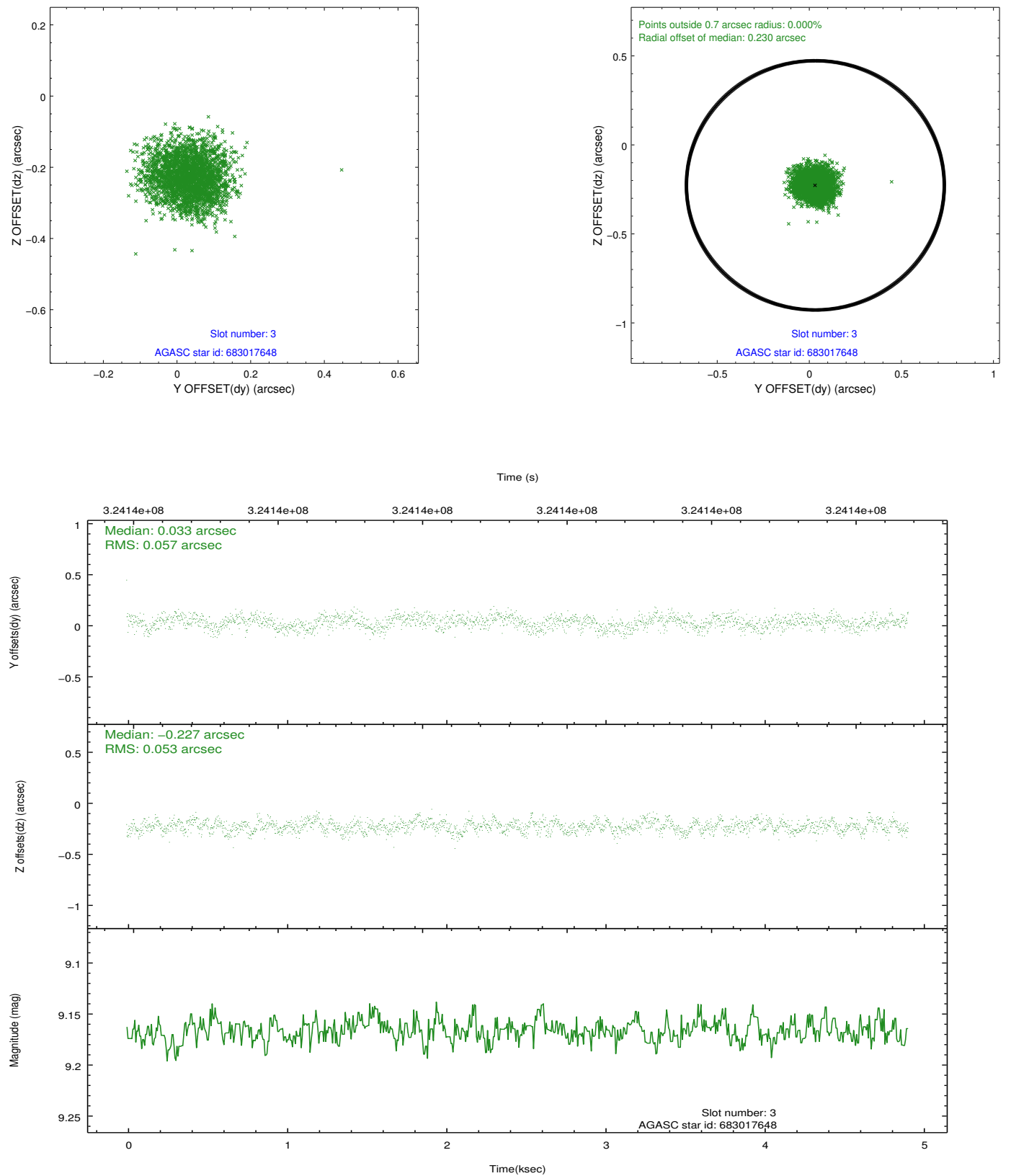


Slot Statistics

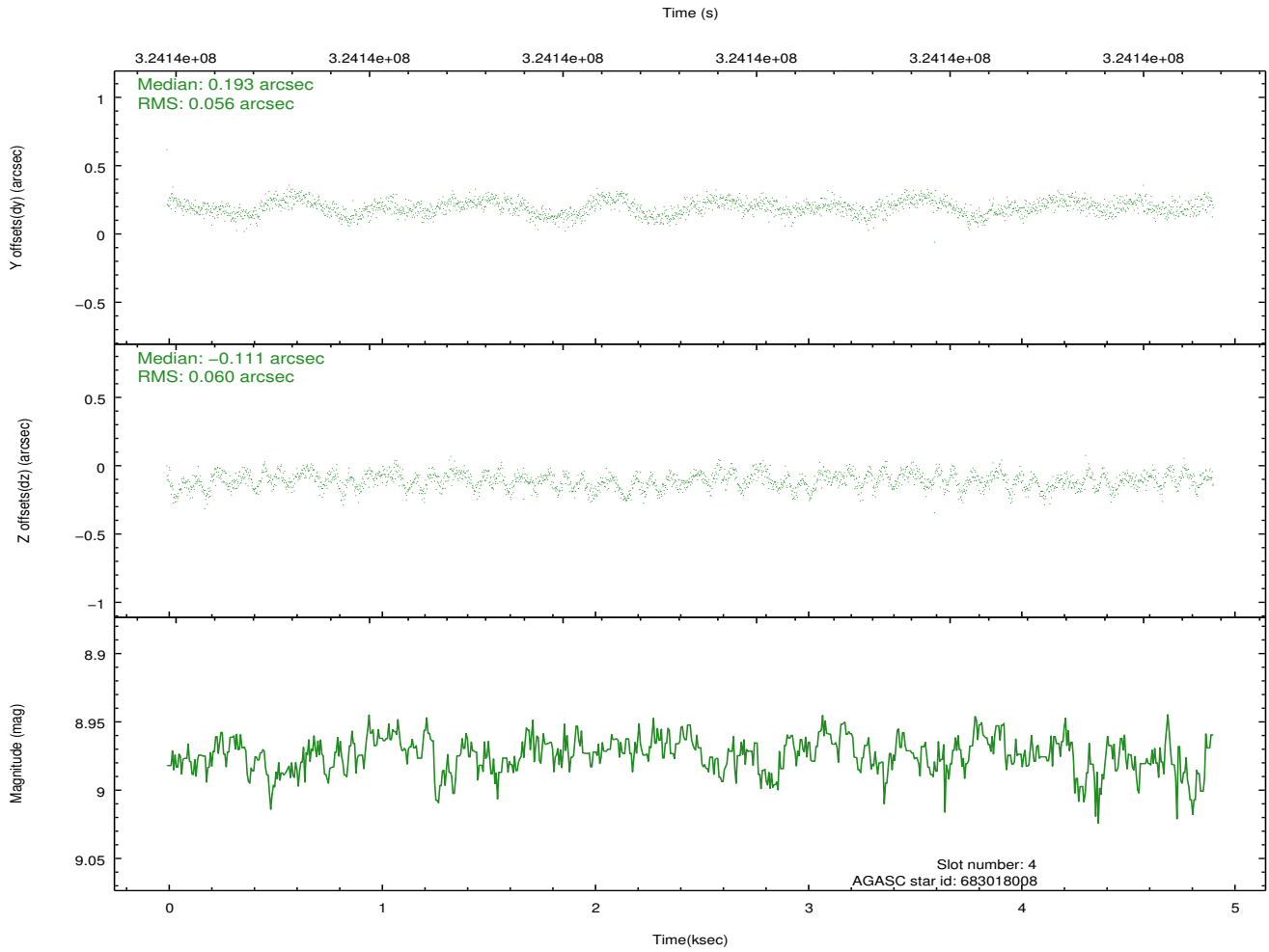
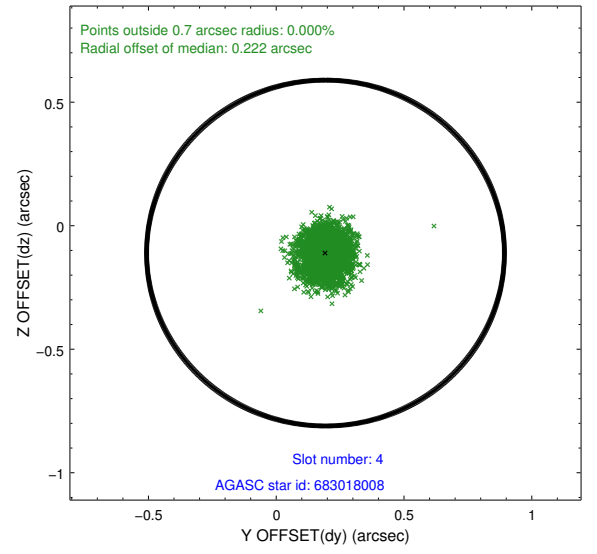
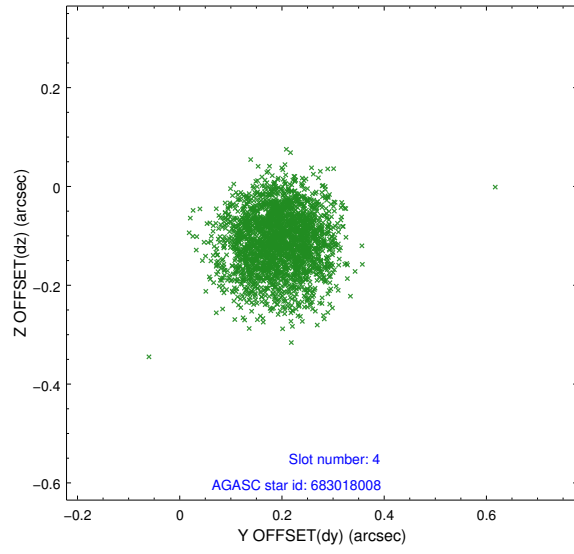
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	1198	0.080	-0.050	0.006	0.011	0.000000	0.000000	927.56	-1734.53
1	FID	ACIS-S-5	7.00	1198	-0.109	0.061	0.006	0.010	0.000000	0.000000	-1820.89	161.92
2	FID	ACIS-S-6	7.10	1197	0.008	0.001	0.006	0.010	0.000000	0.000000	391.76	807.17
3	GUIDE	683017648	9.17	2395	0.033	-0.227	0.085	0.132	329.517360	-0.856381	1570.97	317.31
4	GUIDE	683018008	8.97	2395	0.193	-0.111	0.087	0.137	329.842724	-1.380360	-508.01	-459.52
5	GUIDE	683023096	8.45	2396	-0.170	-0.141	0.060	0.099	329.288214	-0.783543	1989.67	1074.04
6	GUIDE	684729208	9.61	2391	0.060	0.163	0.123	0.202	330.132677	-0.578980	2115.10	-2050.15
7	GUIDE	684728848	9.26	2391	-0.111	0.314	0.106	0.167	330.319731	-1.030518	388.63	-2391.32

2.4 Star Slots

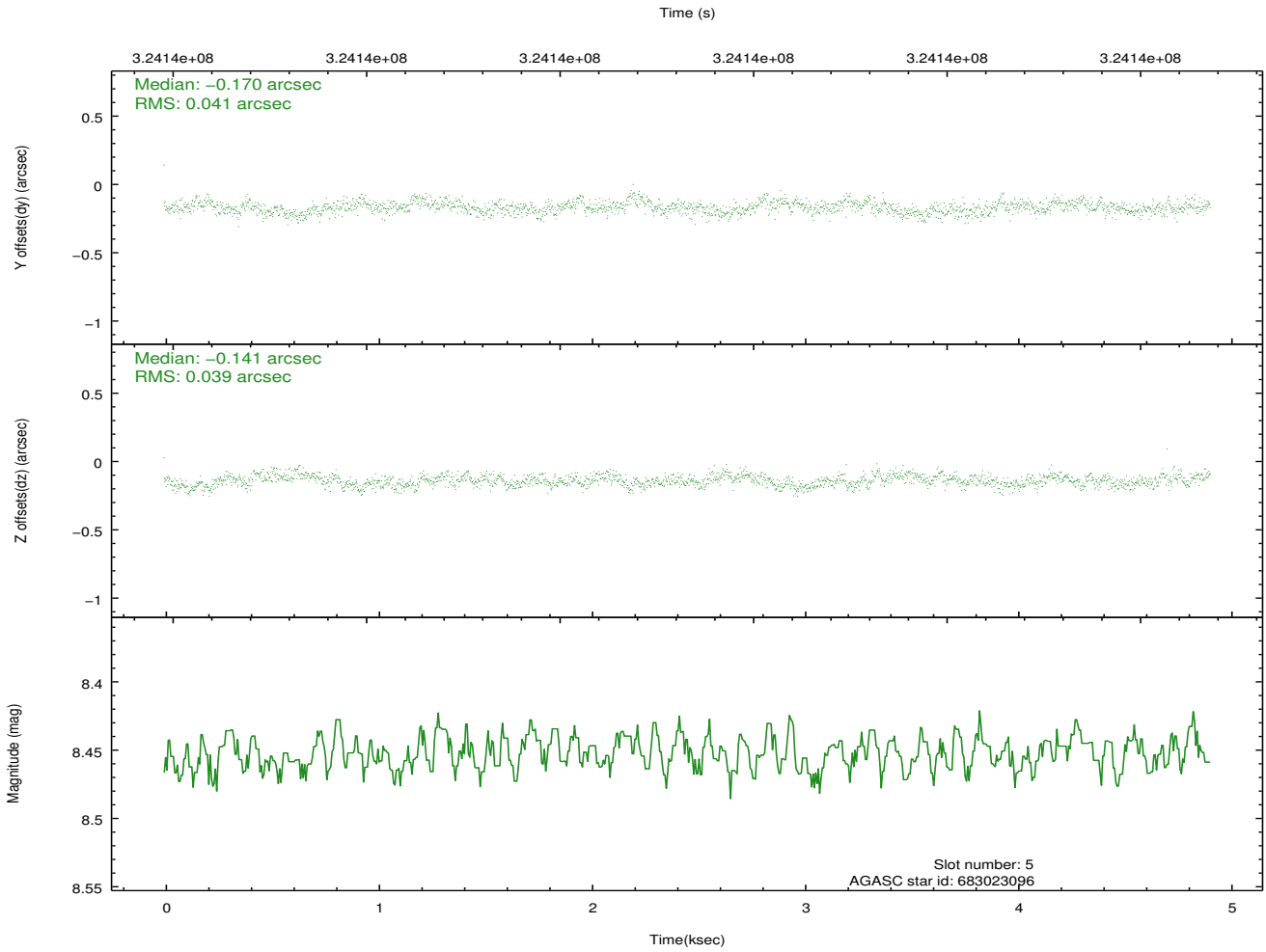
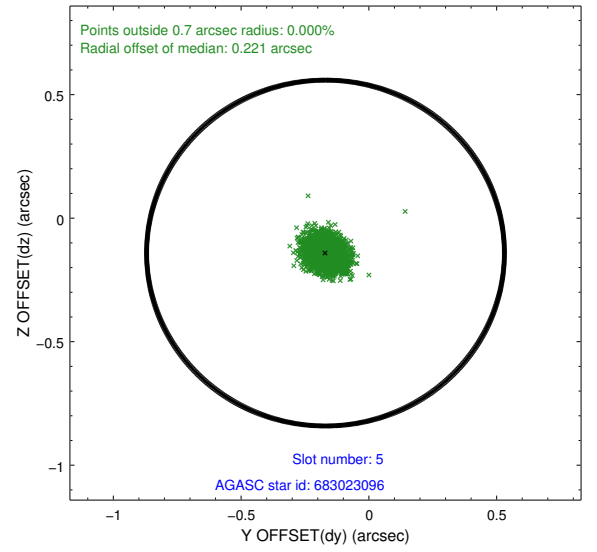
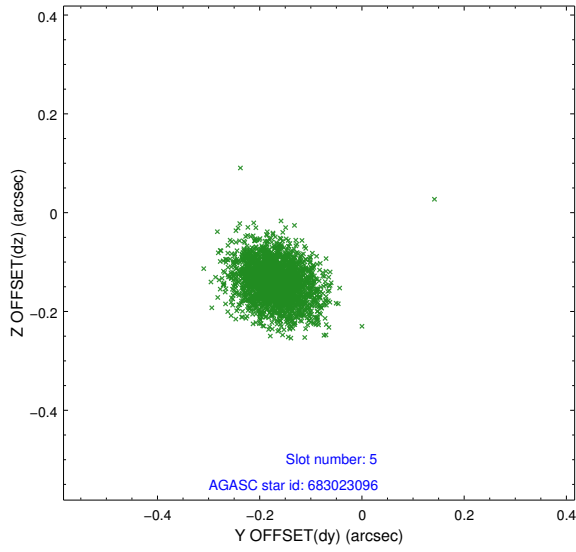
2.4.1 Slot 3



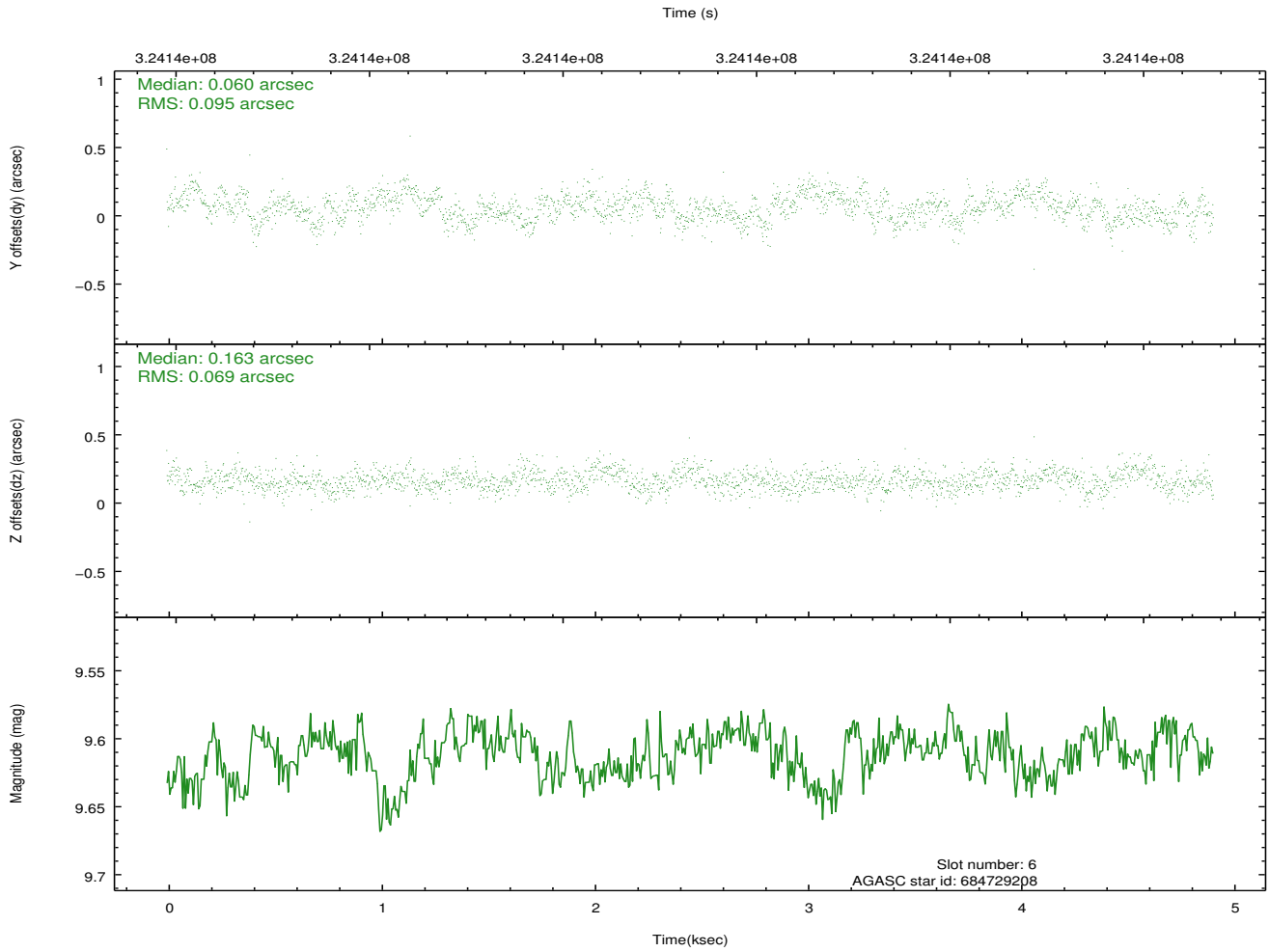
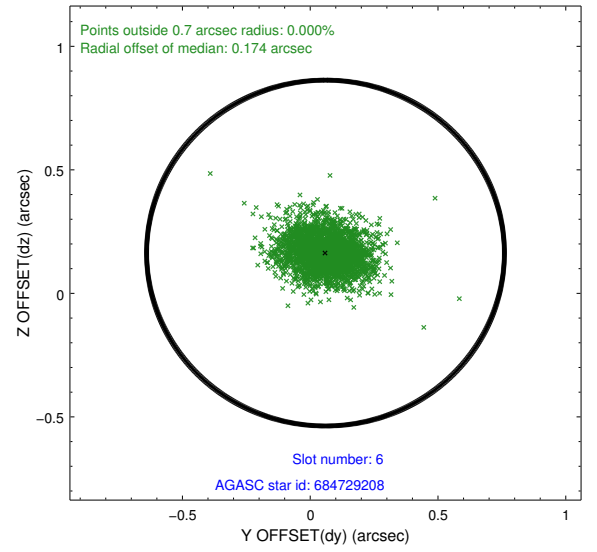
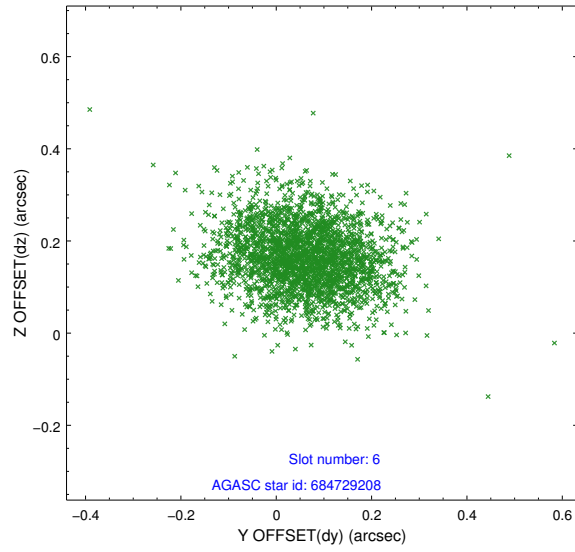
2.4.2 Slot 4



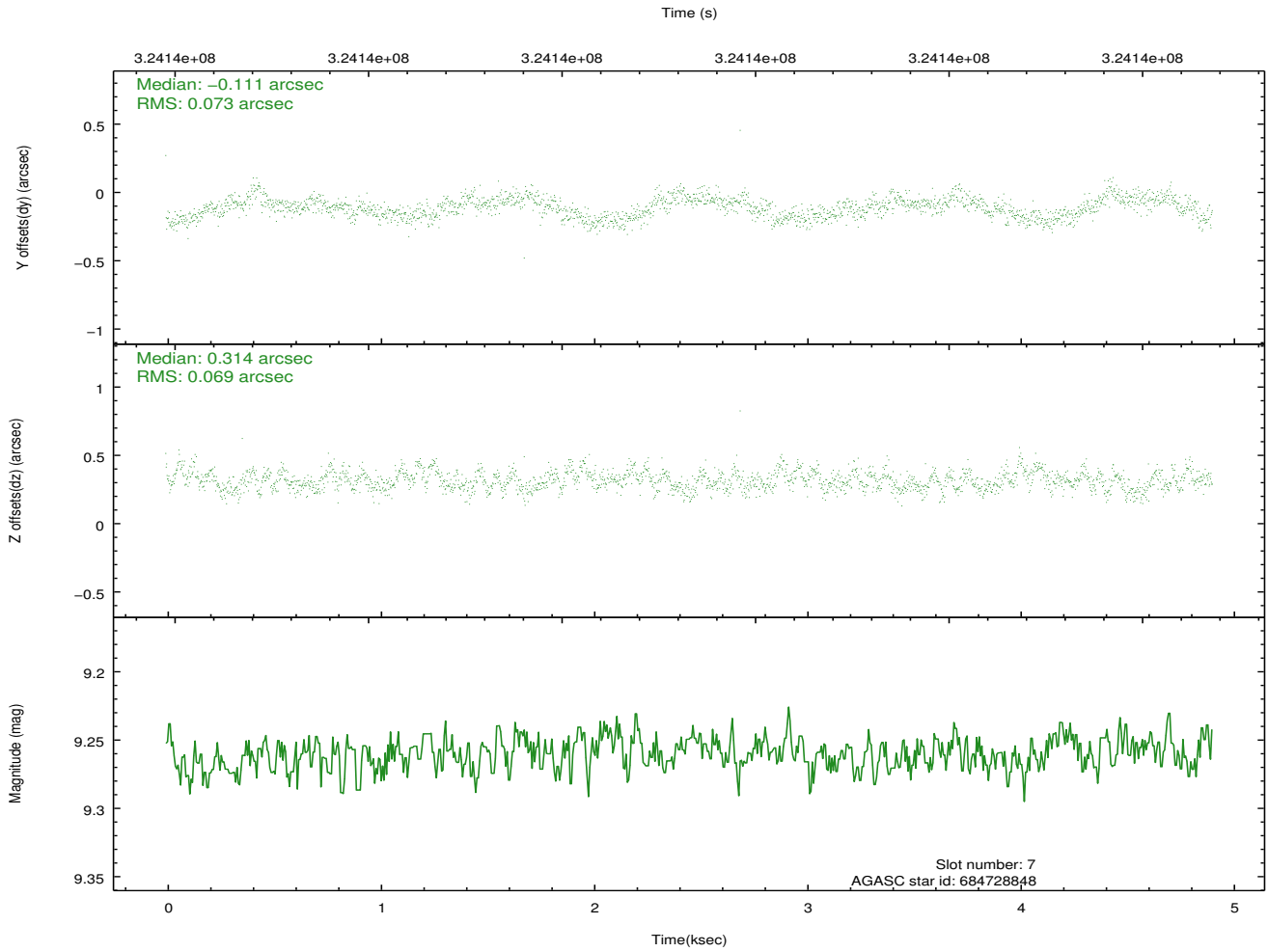
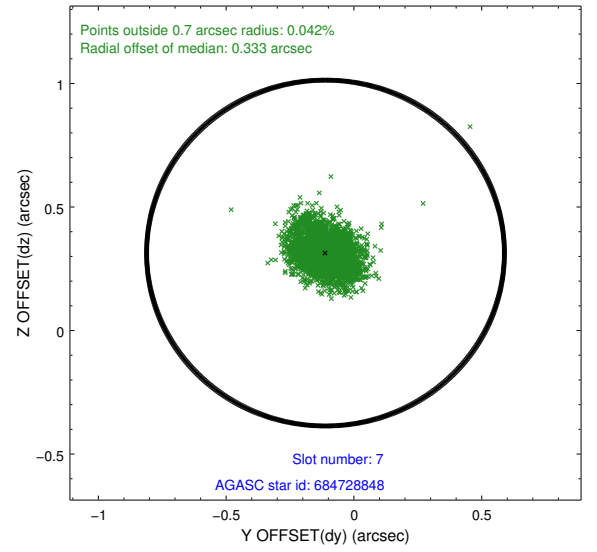
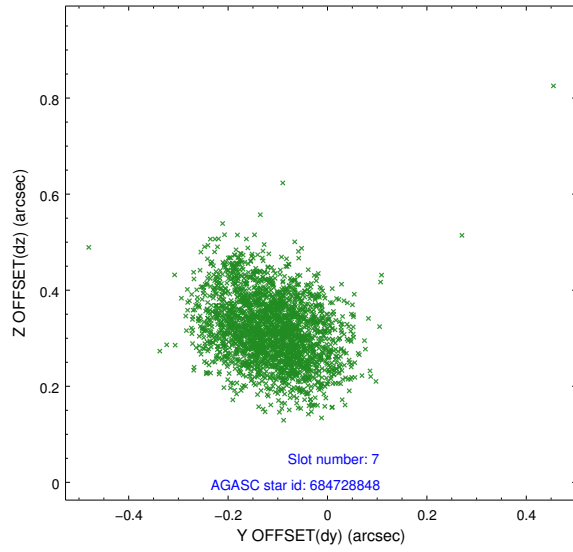
2.4.3 Slot 5



2.4.4 Slot 6

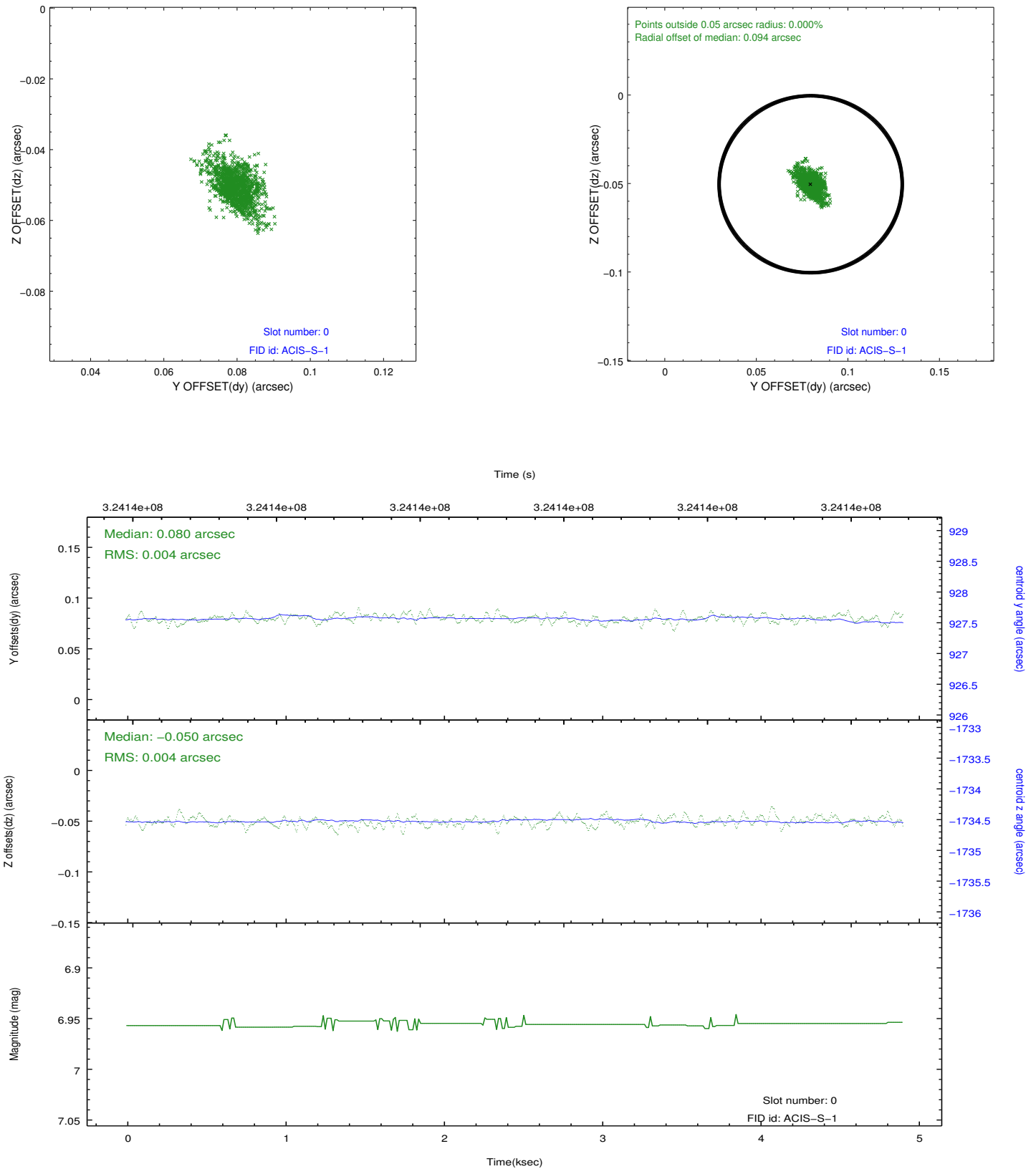


2.4.5 Slot 7

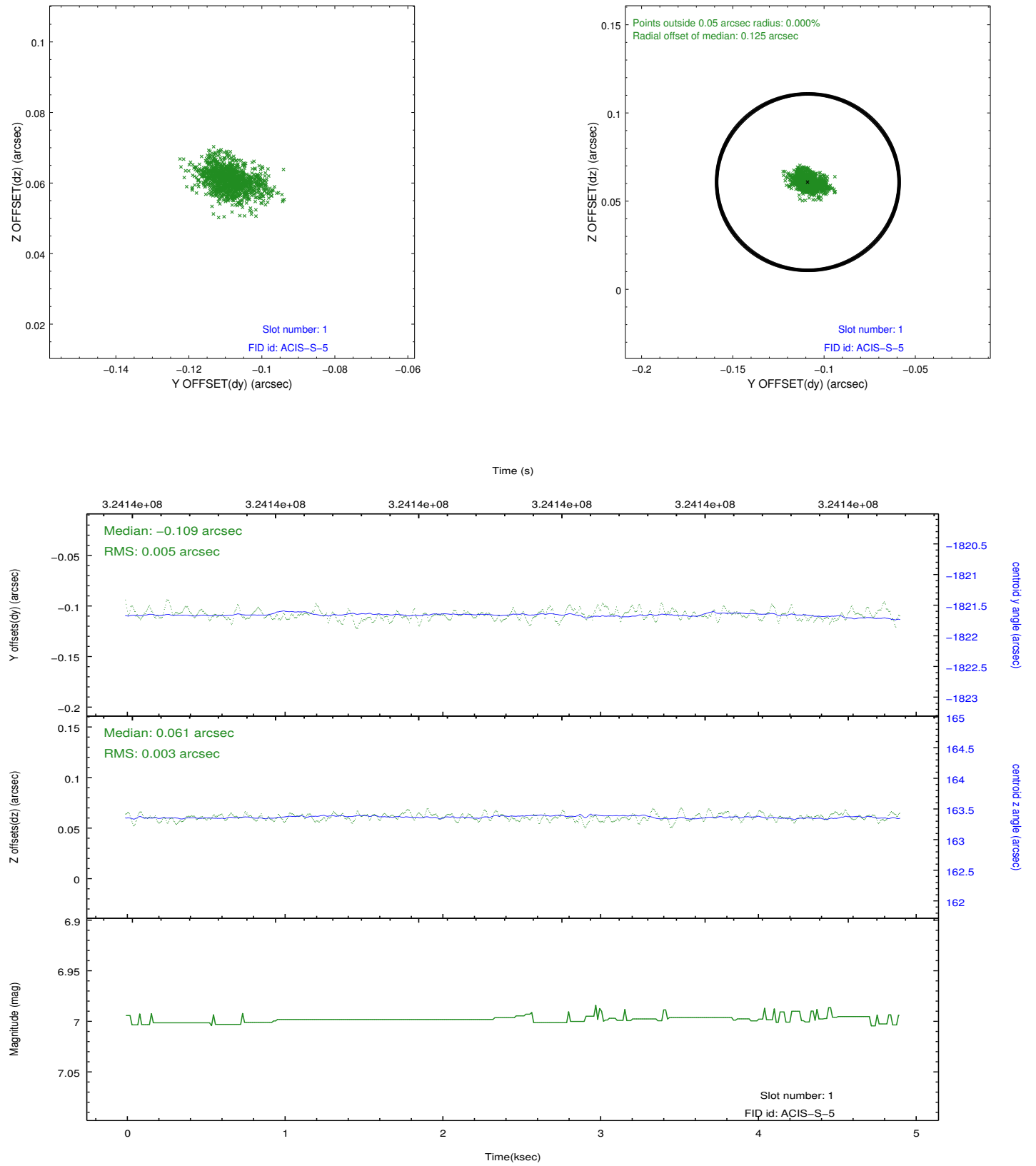


2.5 FID Slots

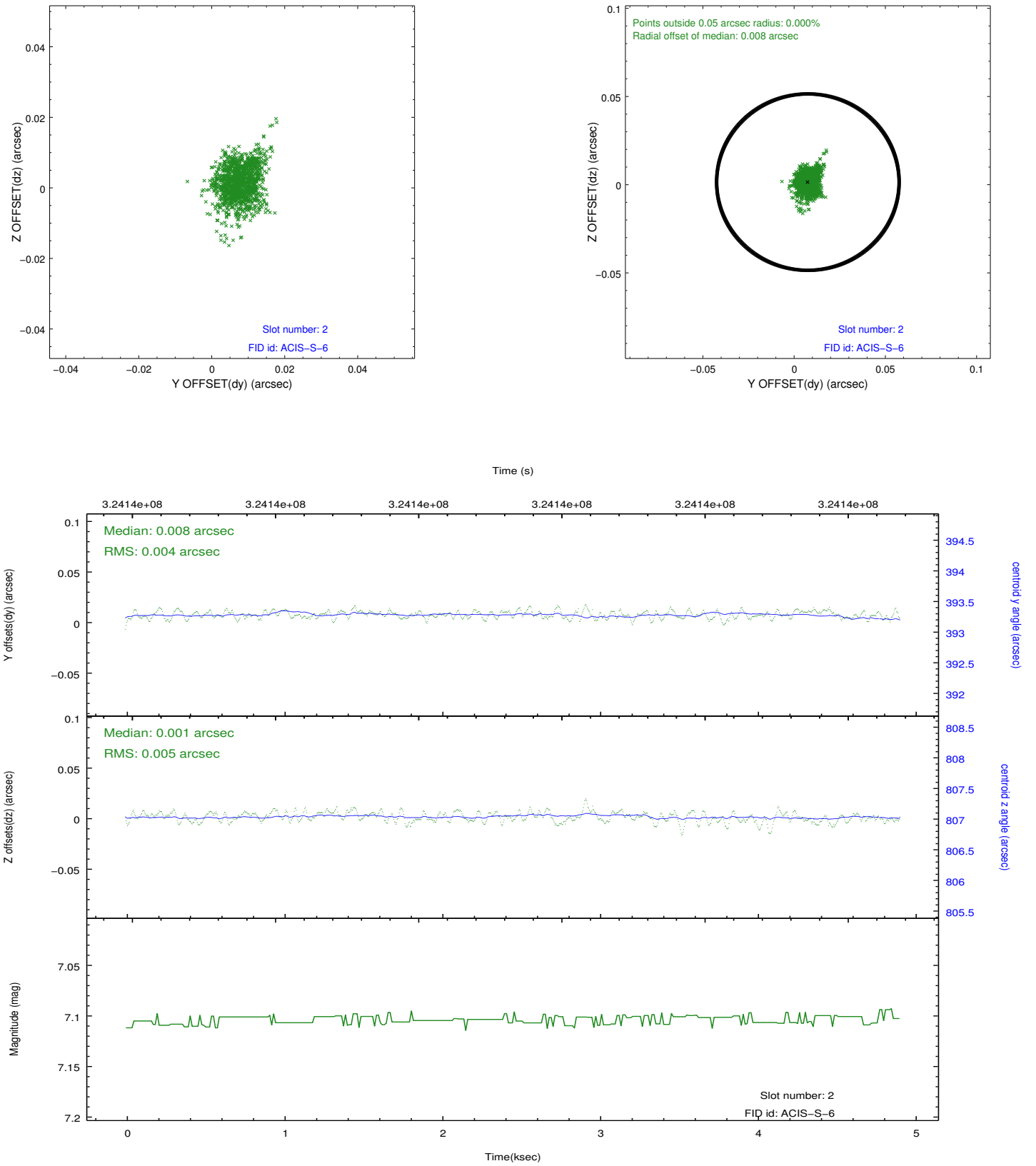
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.93080003

A.2 Comments

Joint Proposal: HST+Spitzer