

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9199 - L2 Version 2
Chandra X-Ray Center

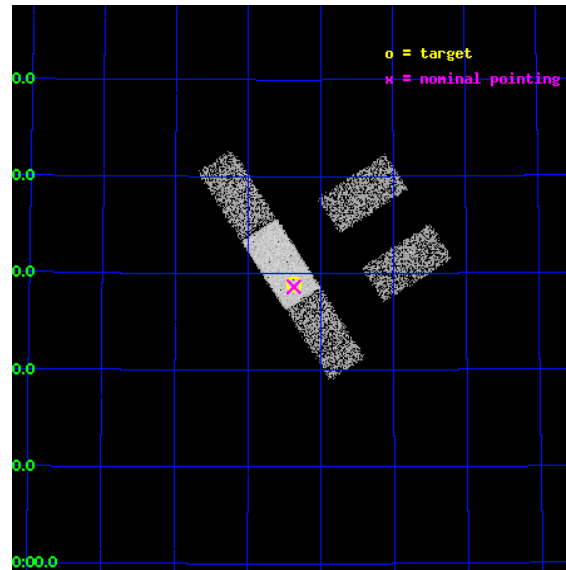
L2 Processing Date : May 17 2012

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1 Front

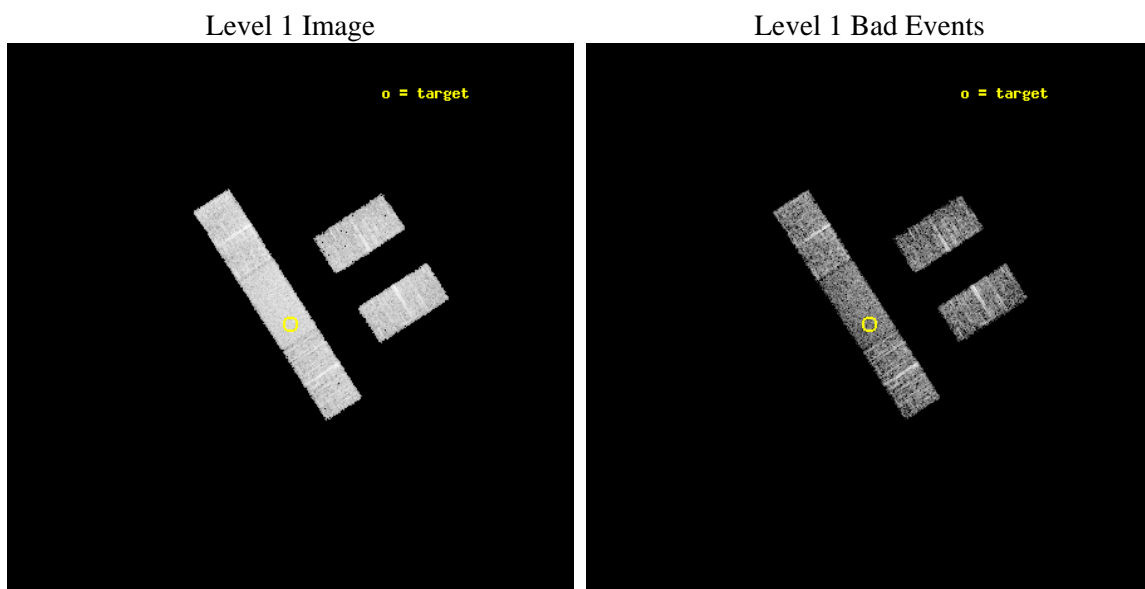
seq_num	701641	Sequence number
obs_id	9199	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S26	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	232.342917	Observer's specified target RA [deg]
dec_targ	59.481806	Observer's specified target Dec [deg]
ra_nom	232.34246703894	Nominal RA [deg]
dec_nom	59.476968983303	Nominal Dec [deg]
roll_nom	237.15683907244	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3838.5999731421	Sum of GTIs [s]
livetime	3748.116042332	Livetime [s]
ontime2	3838.5999731421	Sum of GTIs [s]
ontime3	3838.5999731421	Sum of GTIs [s]
ontime6	3838.5999731421	Sum of GTIs [s]
ontime7	3838.5999731421	Sum of GTIs [s]
ontime8	3838.5999731421	Sum of GTIs [s]
l2events	20071	Number of level 2 events



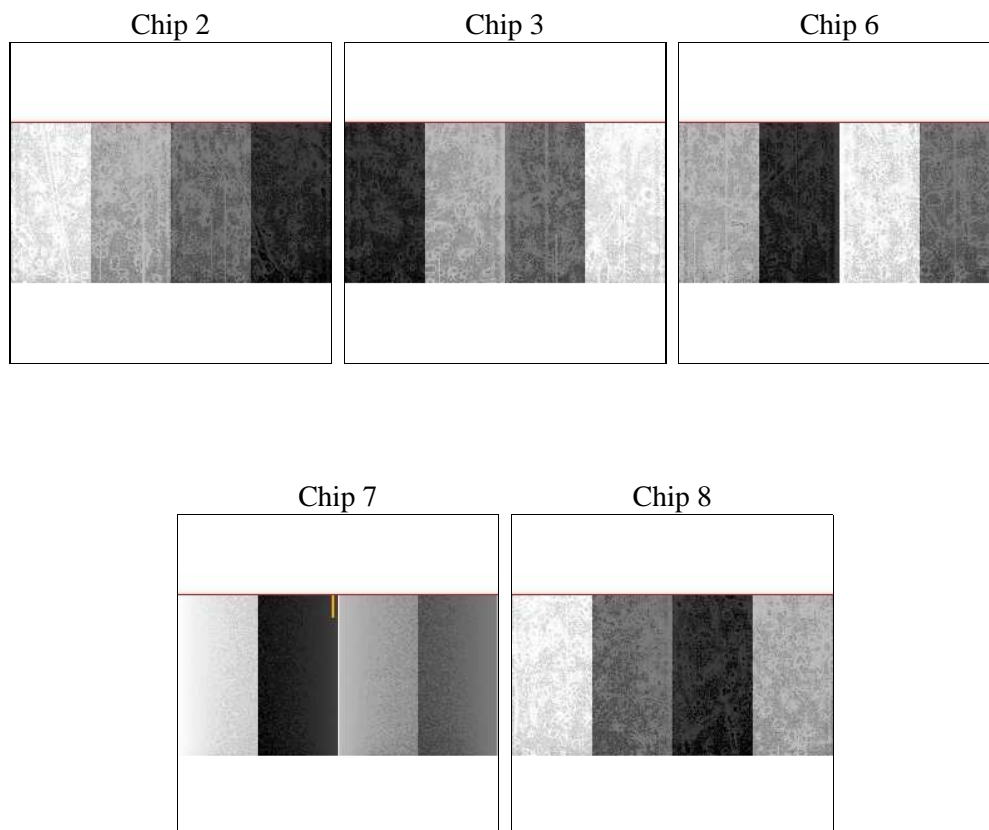
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3838.5999731421	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3838.5999731421	Sum of GTIs [s]
date	2012-05-17T15:33:36	Date and time of file creation	ontime3	3838.5999731421	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3838.5999731421	Sum of GTIs [s]
			ontime7	3838.5999731421	Sum of GTIs [s]
			ontime8	3838.5999731421	Sum of GTIs [s]
			l1events	157890	Number of level 1 events

2.1.4 Events

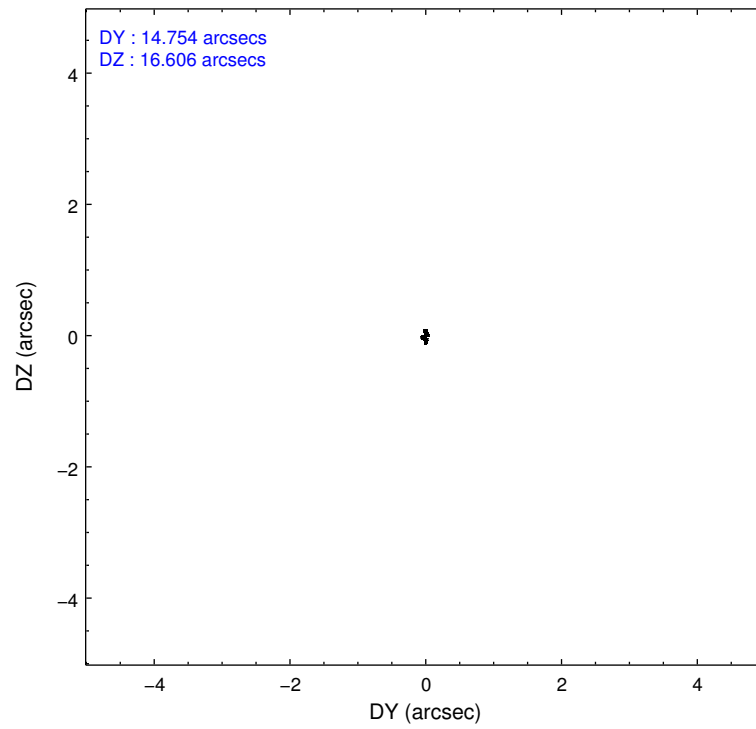
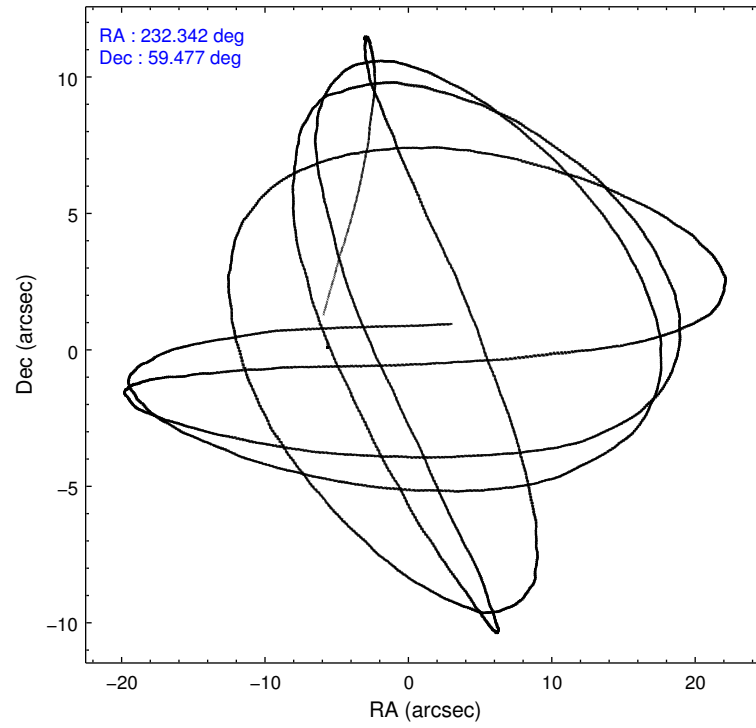
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	27453	26491	29427	38032	36487
rejected events	24920	24051	26919	26495	30829
rejected %	90%	90%	91%	69%	84%

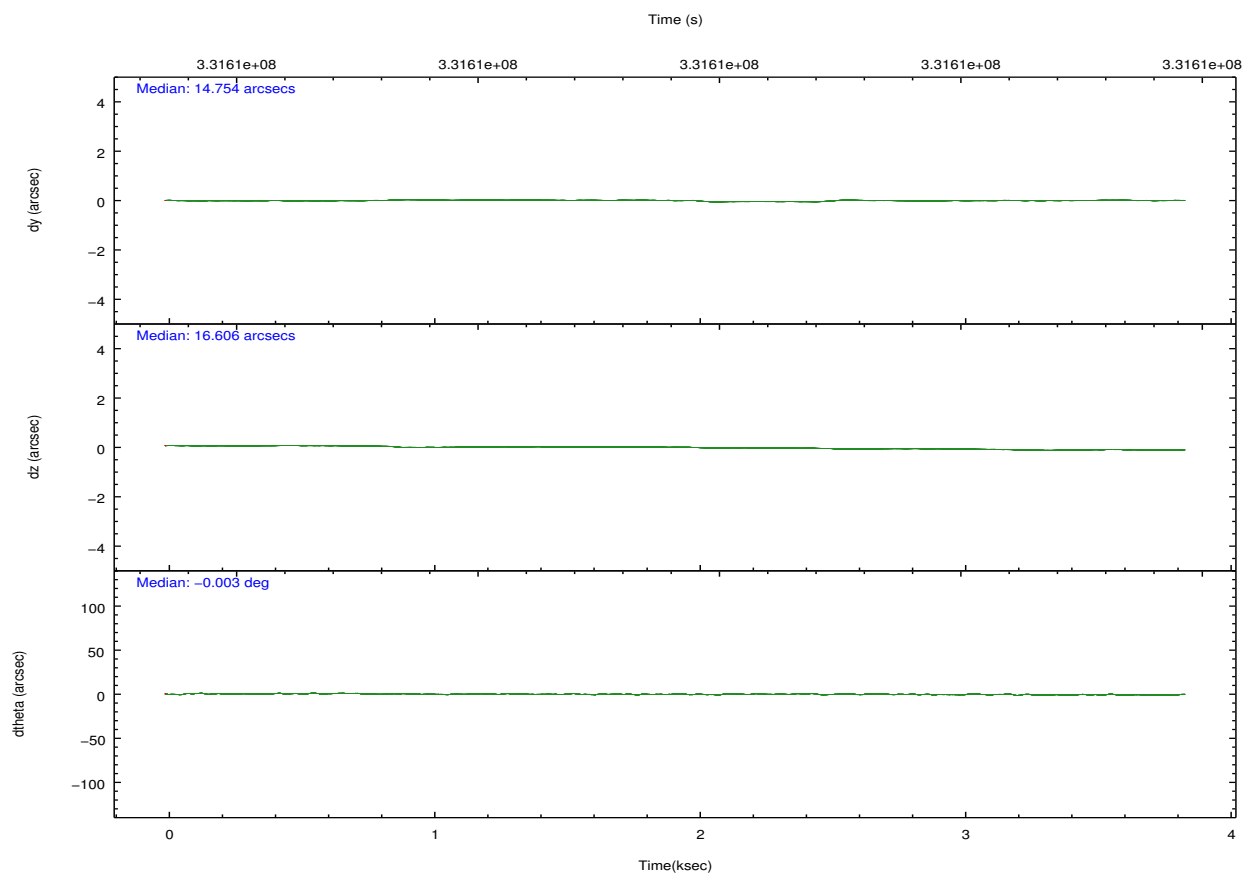
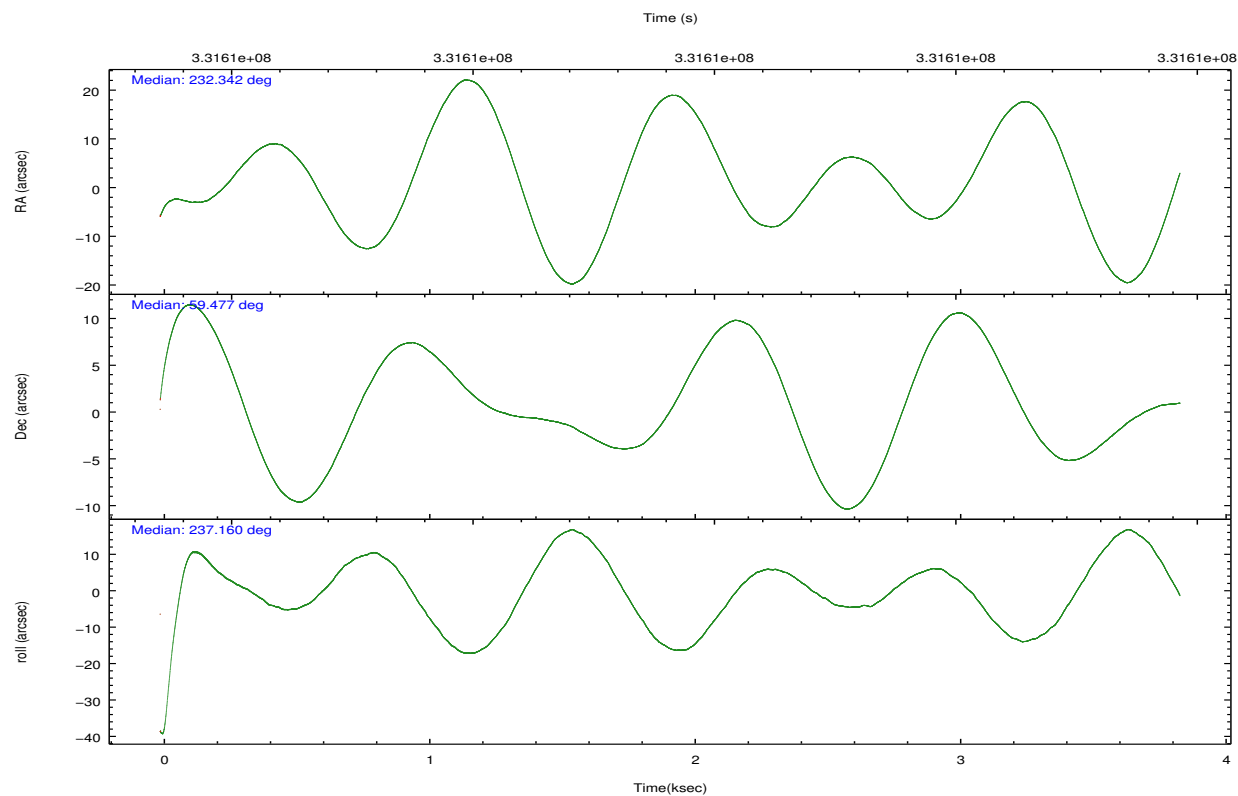
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1517	1452	1321	1540	2577
	5%	5%	4%	4%	7%
grade 1 events	14	19	7	50	26
	0%	0%	0%	0%	0%
grade 2 events	732	683	782	3404	1810
	2%	2%	2%	8%	4%
grade 3 events	421	397	367	1524	887
	1%	1%	1%	4%	2%
grade 4 events	395	379	374	1534	801
	1%	1%	1%	4%	2%
grade 5 events	1080	1285	1407	3648	1746
	3%	4%	4%	9%	4%
grade 6 events	573	569	728	8340	2105
	2%	2%	2%	21%	5%
grade 7 events	22721	21707	24441	17992	26535
	82%	81%	83%	47%	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	232.344655	232.3424670389427	CCD I2 on	O1	Y
[deg] Pointing Dec	59.504275	59.4769689833029	CCD I3 on	Y	Y
[deg] Pointing Roll	236.998501	237.1568390724364	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)	331609022.184000	331607253.7227	CCD S5 on	N	N
Observation start date	2008-07-05T01:35:57	2008-07-05T01:07:33	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	331612722.184000	331613661.51051	On-chip summing requested	N	N
Observation end date	2008-07-05T02:37:37	2008-07-05T02:54:21	Subarray requested	CUSTOM	1/2
Read mode	TIMED	TIMED	Subarray start row	257	257
			Subarray row count	512	512
			Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	1.7

2.3 Aspect



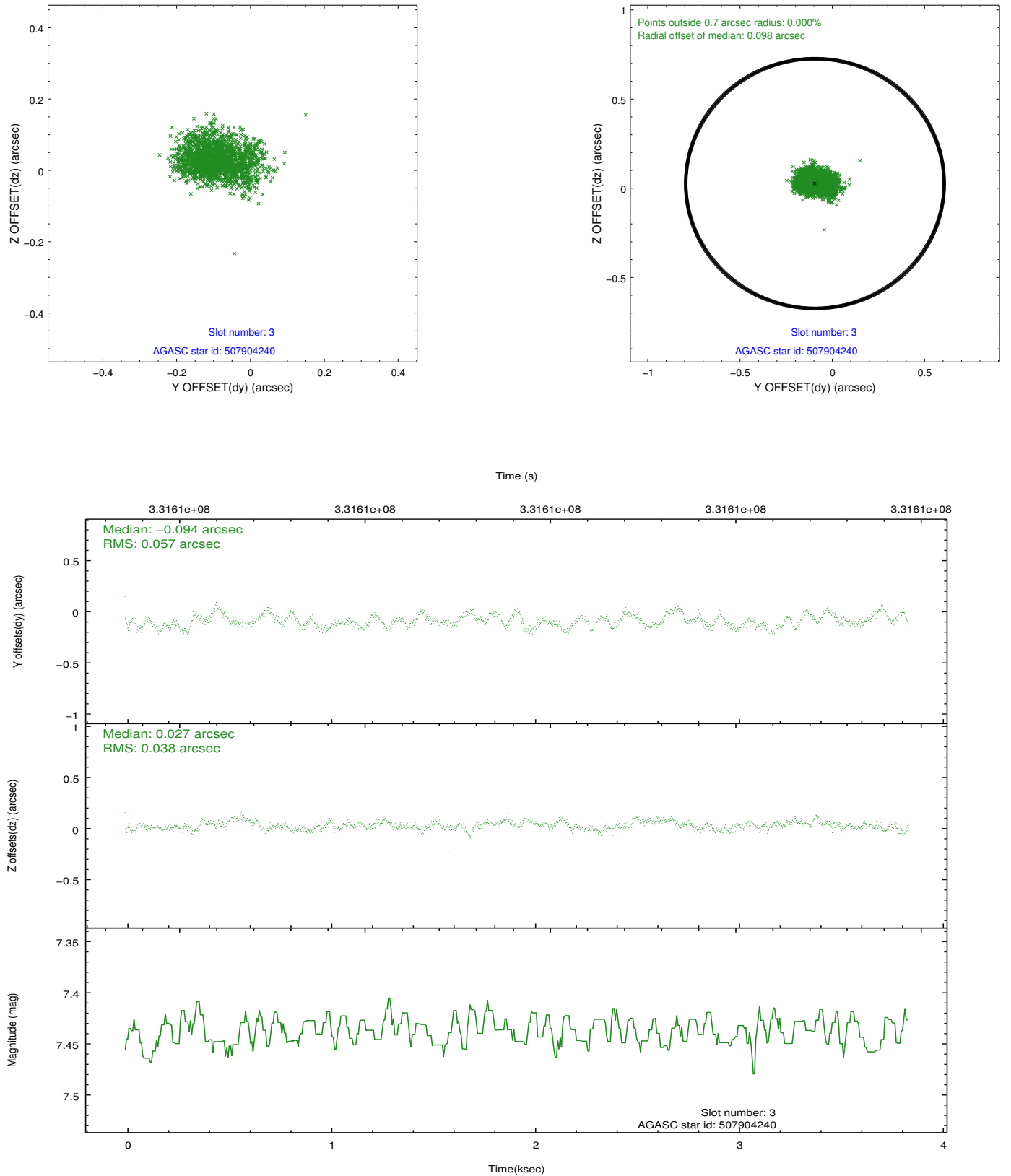


Slot Statistics

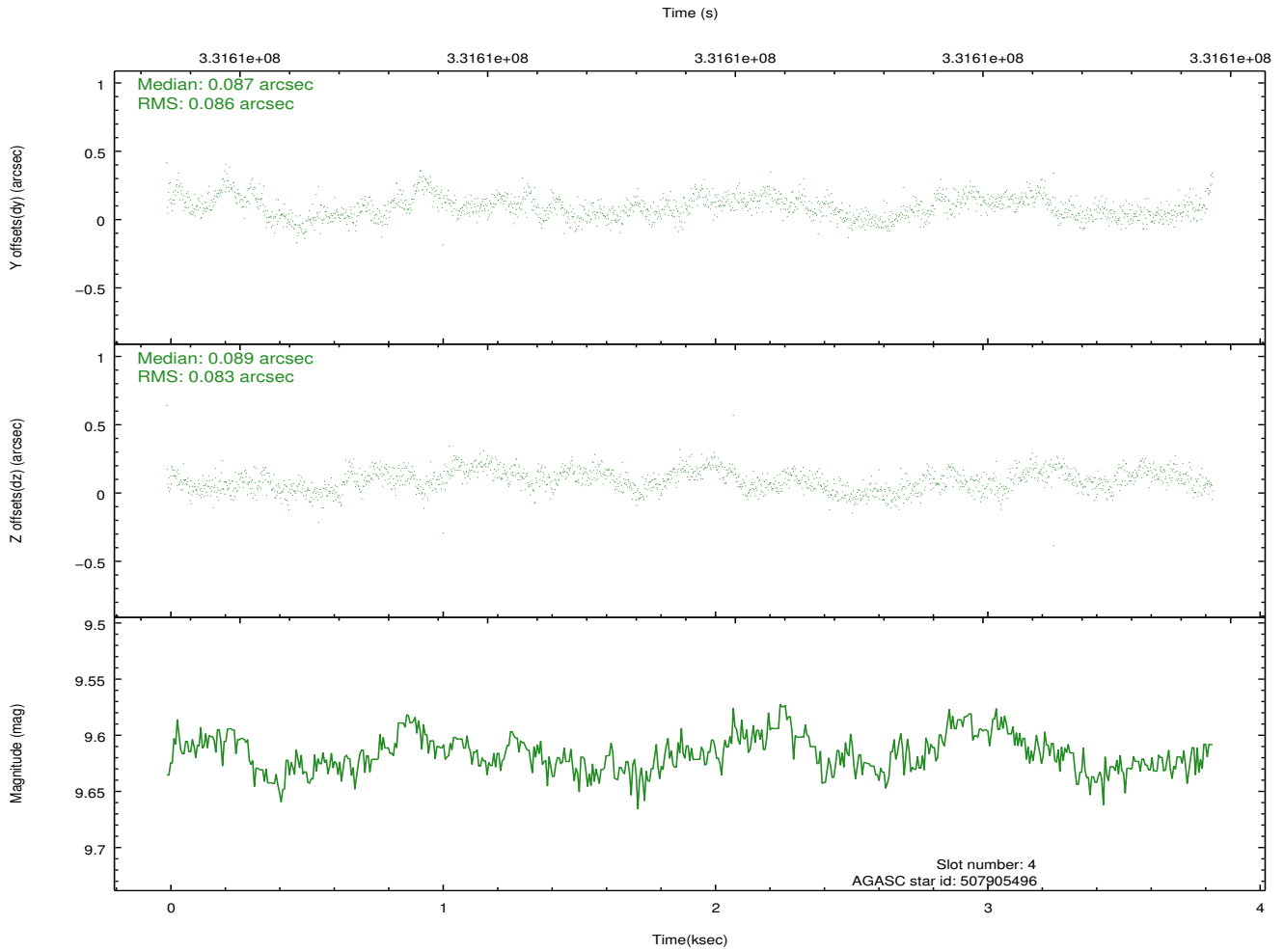
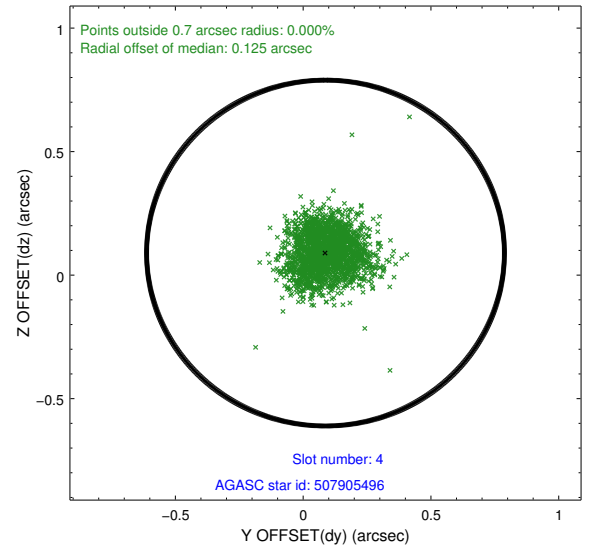
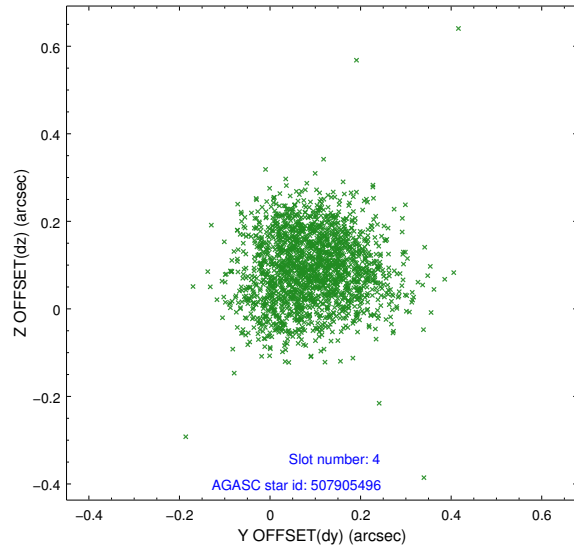
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	938	-0.059	-0.009	0.006	0.010	0.000000	0.000000	-767.79	-1737.96
1	FID	ACIS-S-4	6.95	938	0.142	0.031	0.006	0.011	0.000000	0.000000	2144.96	168.84
2	FID	ACIS-S-5	6.98	938	-0.115	-0.013	0.006	0.010	0.000000	0.000000	-1818.58	164.36
3	GUIDE	507904240	7.44	1875	-0.094	0.027	0.074	0.118	233.834990	59.679000	-2028.46	1912.57
4	GUIDE	507905496	9.62	1875	0.087	0.089	0.126	0.198	232.716395	59.010196	1113.73	1547.16
5	GUIDE	507909584	8.41	1875	-0.025	-0.106	0.088	0.141	232.594284	59.561519	-421.11	270.33
6	GUIDE	507912520	9.61	1872	0.113	0.013	0.177	0.304	232.817016	59.125552	665.78	1473.84
7	GUIDE	507908184	8.05	1874	-0.084	-0.010	0.092	0.141	232.941590	59.720433	-1246.84	483.20

2.4 Star Slots

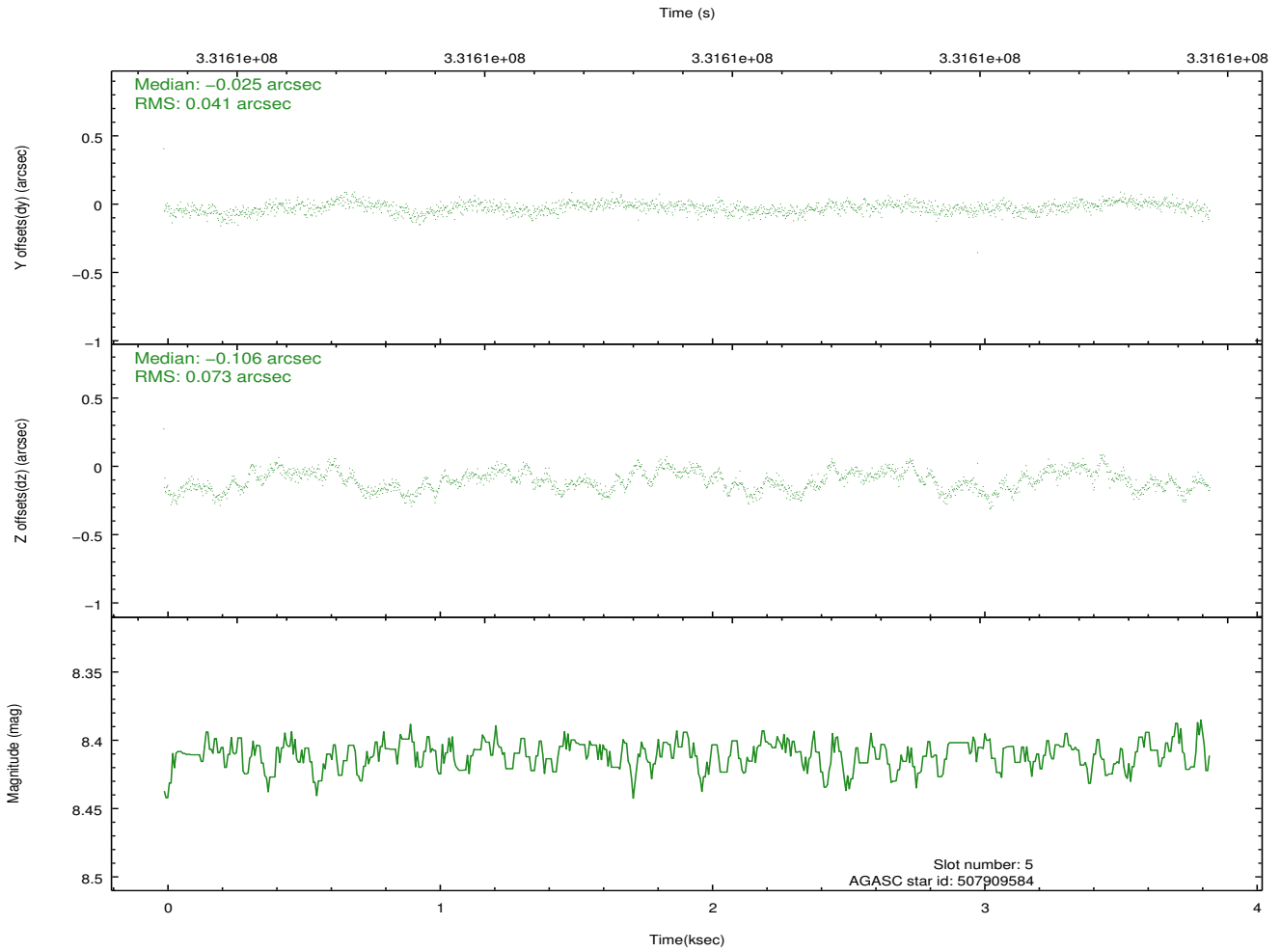
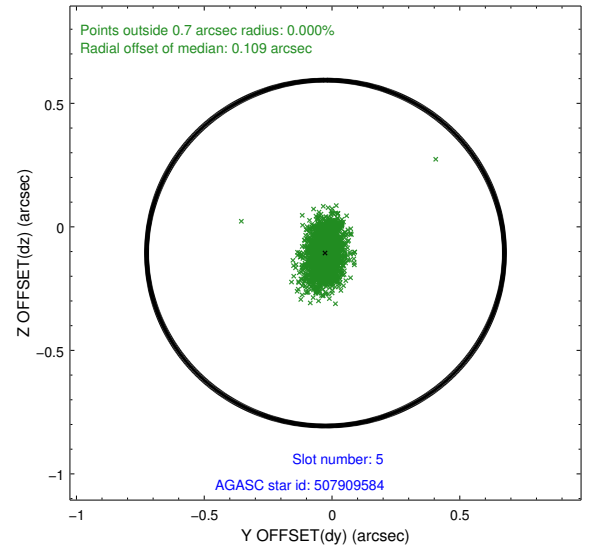
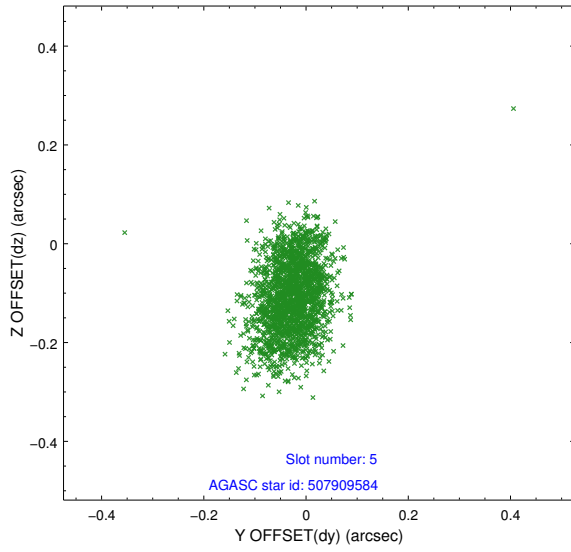
2.4.1 Slot 3



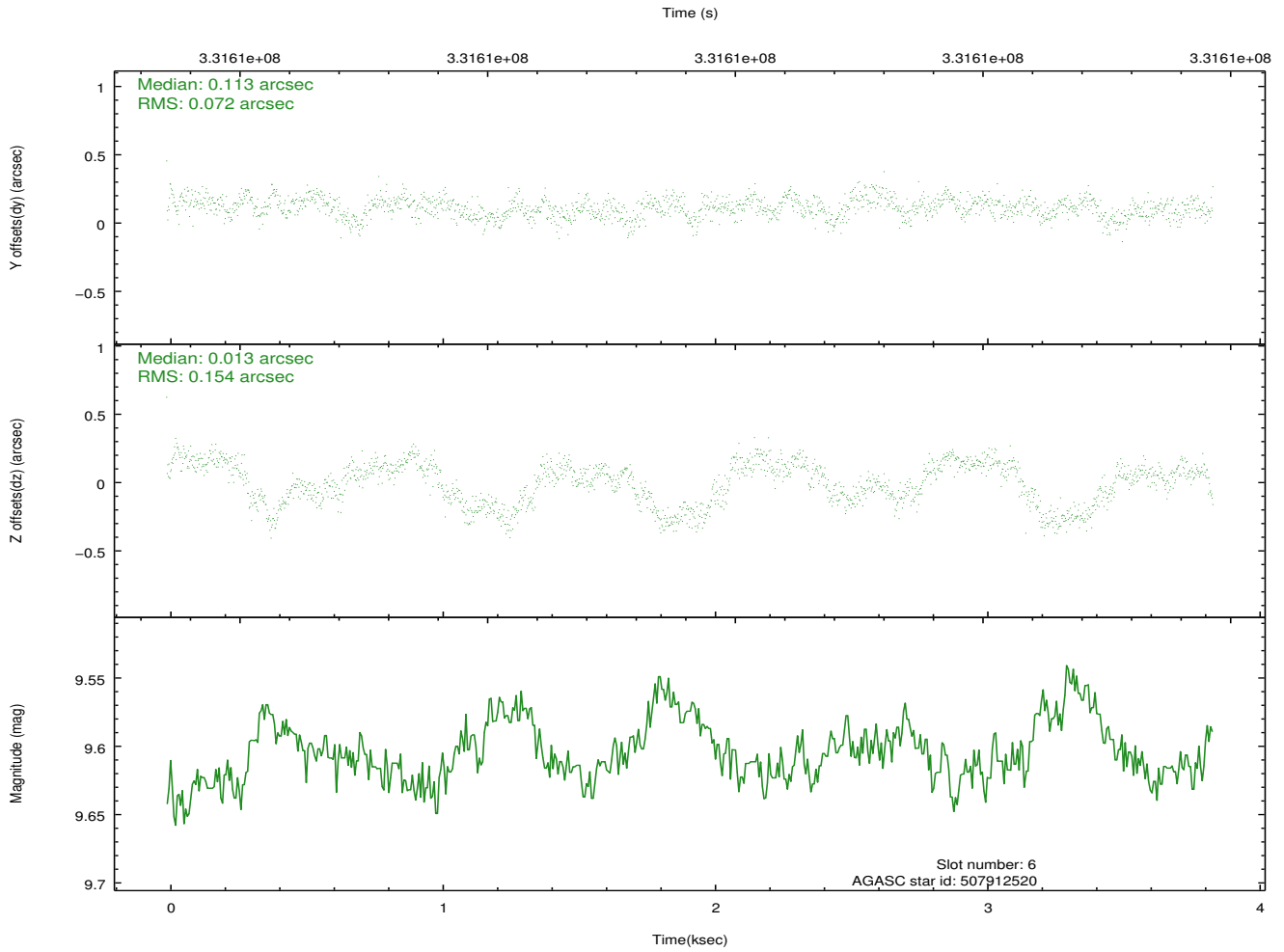
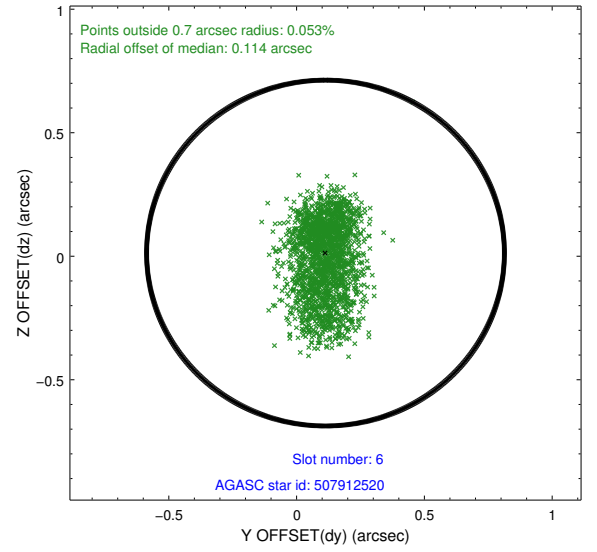
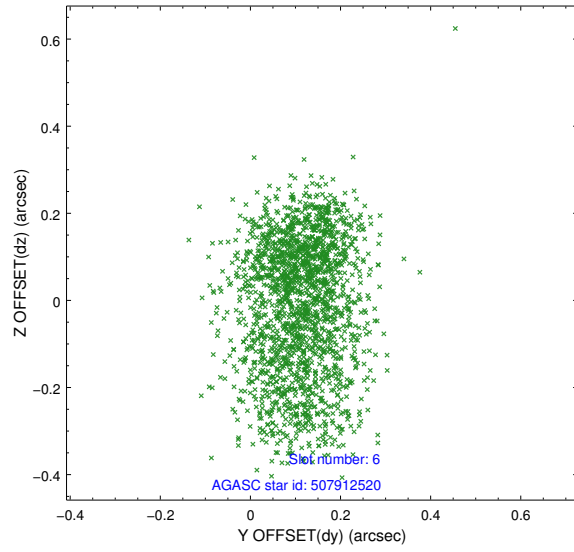
2.4.2 Slot 4



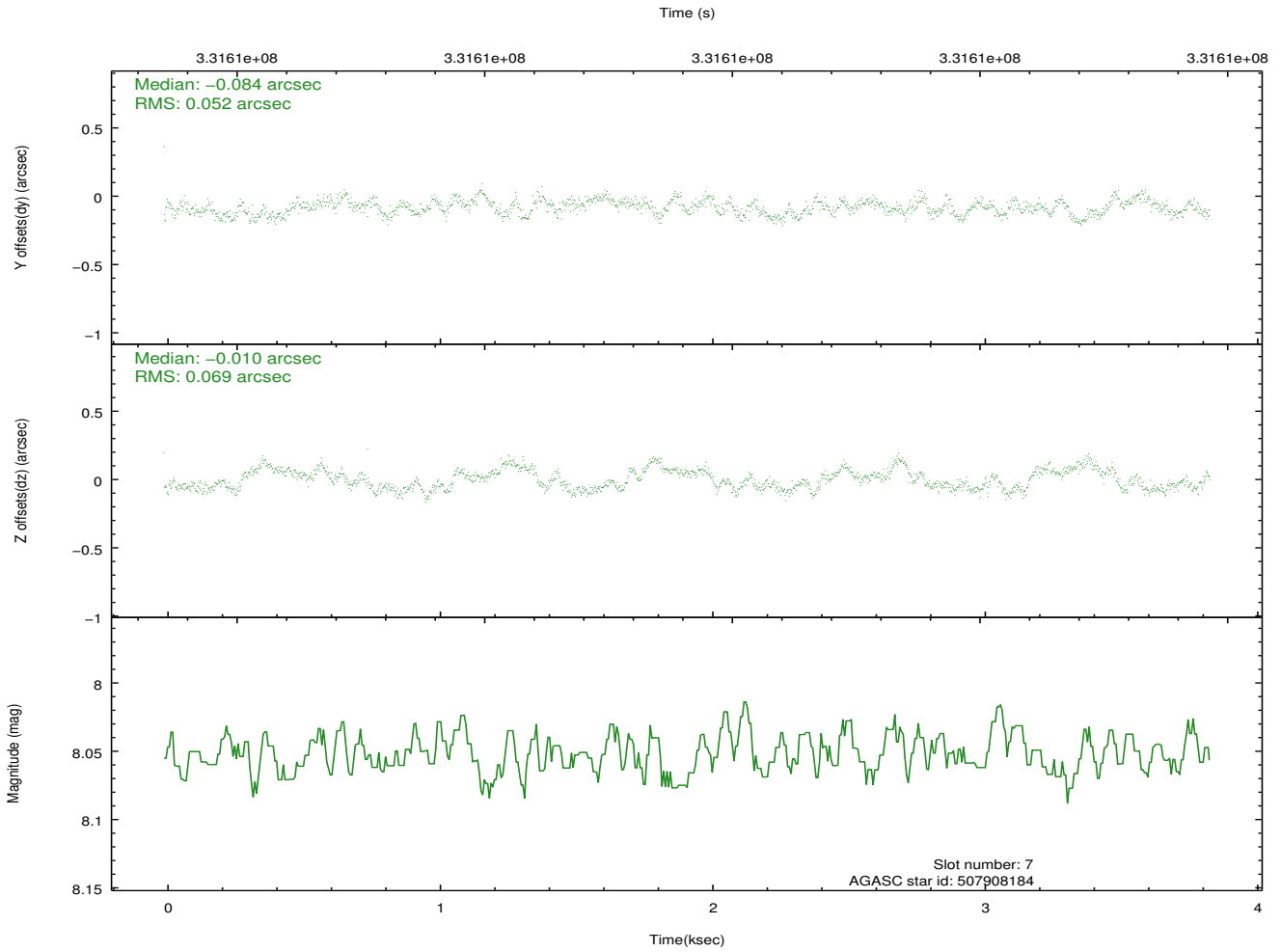
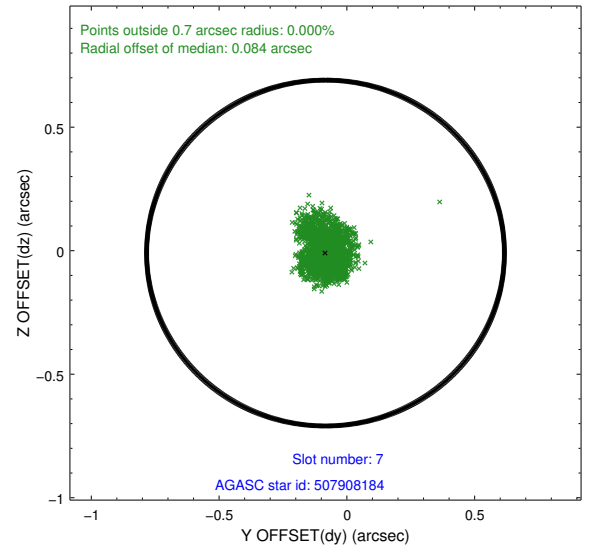
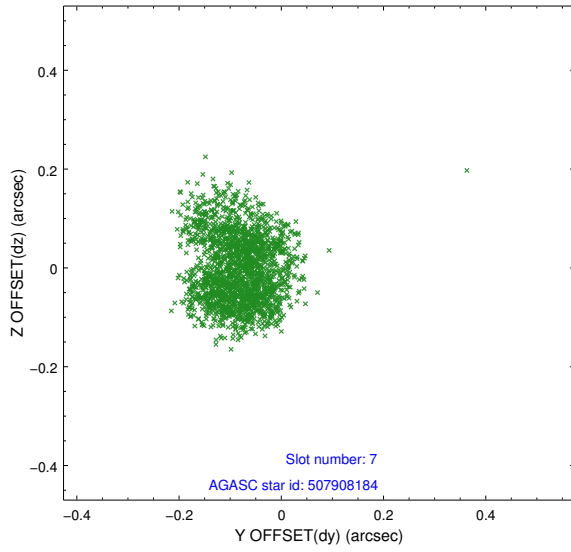
2.4.3 Slot 5



2.4.4 Slot 6

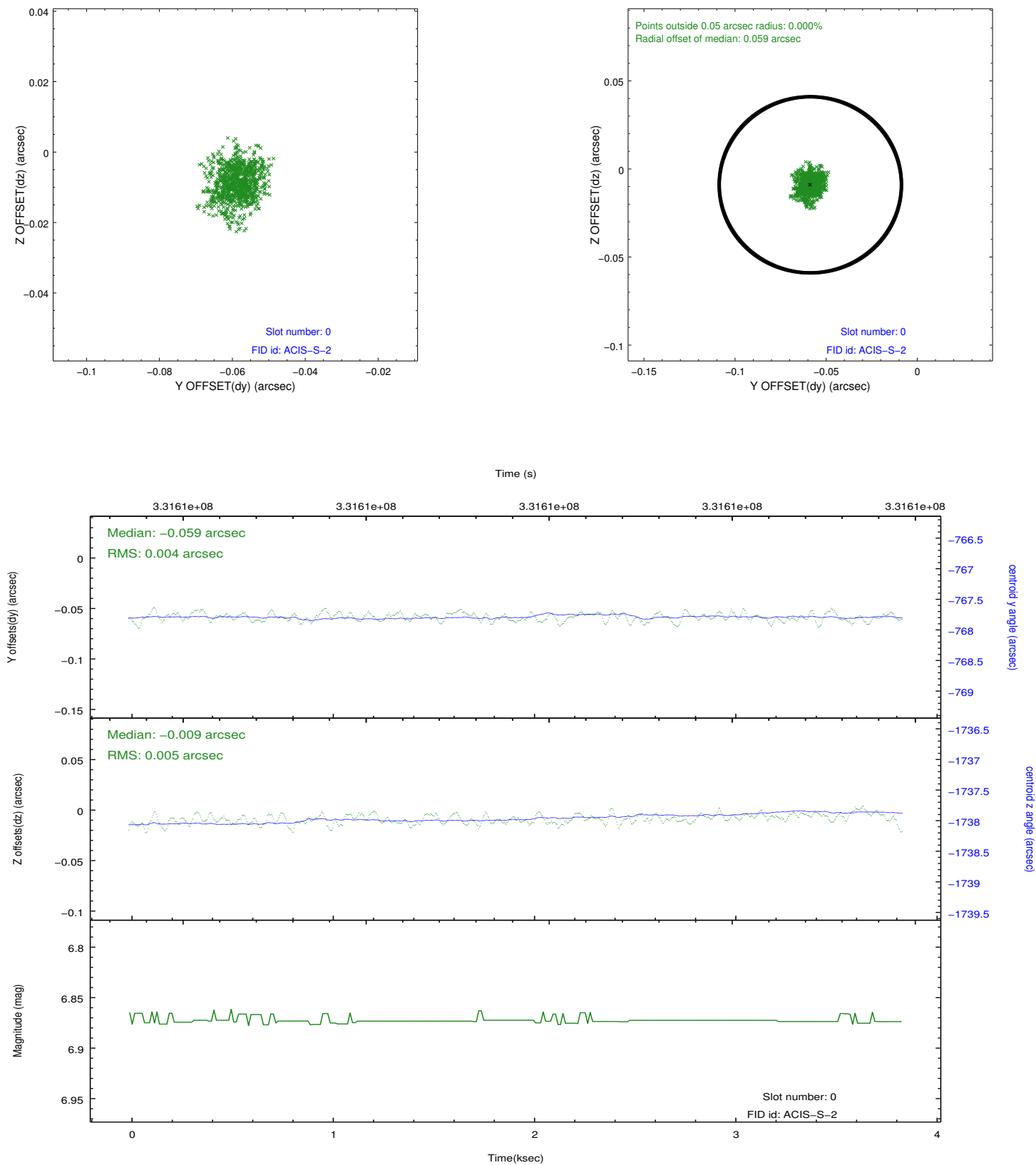


2.4.5 Slot 7

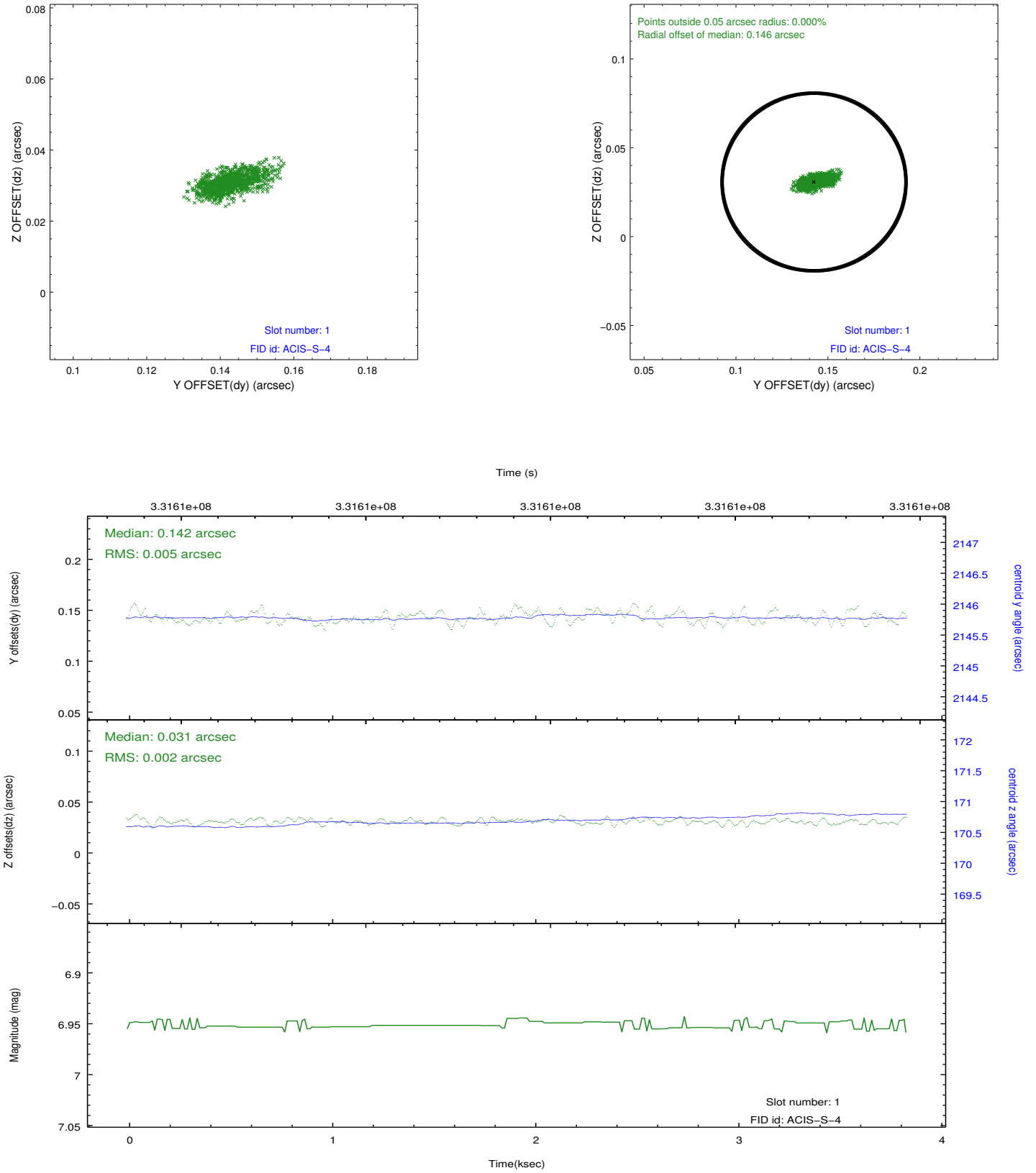


2.5 FID Slots

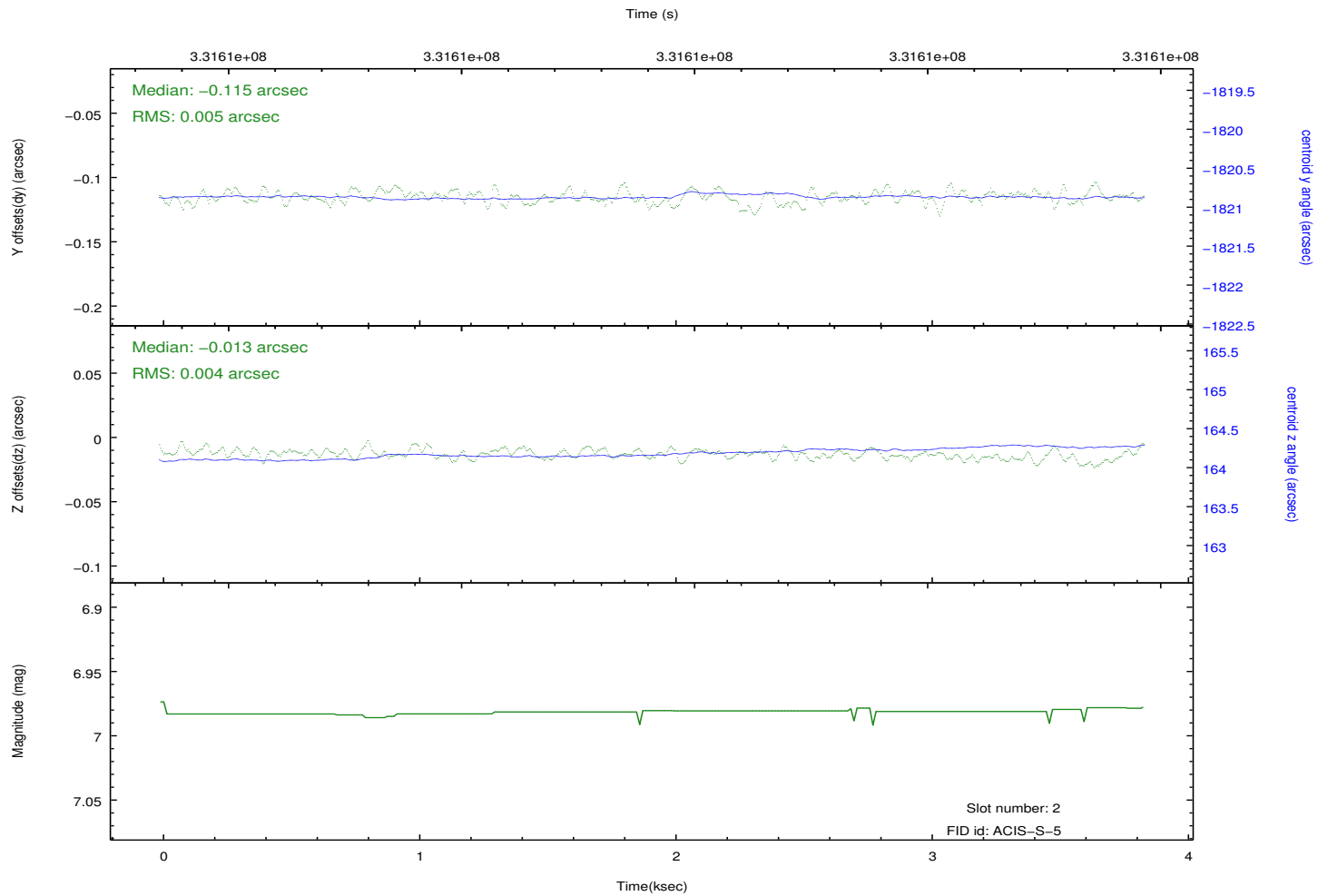
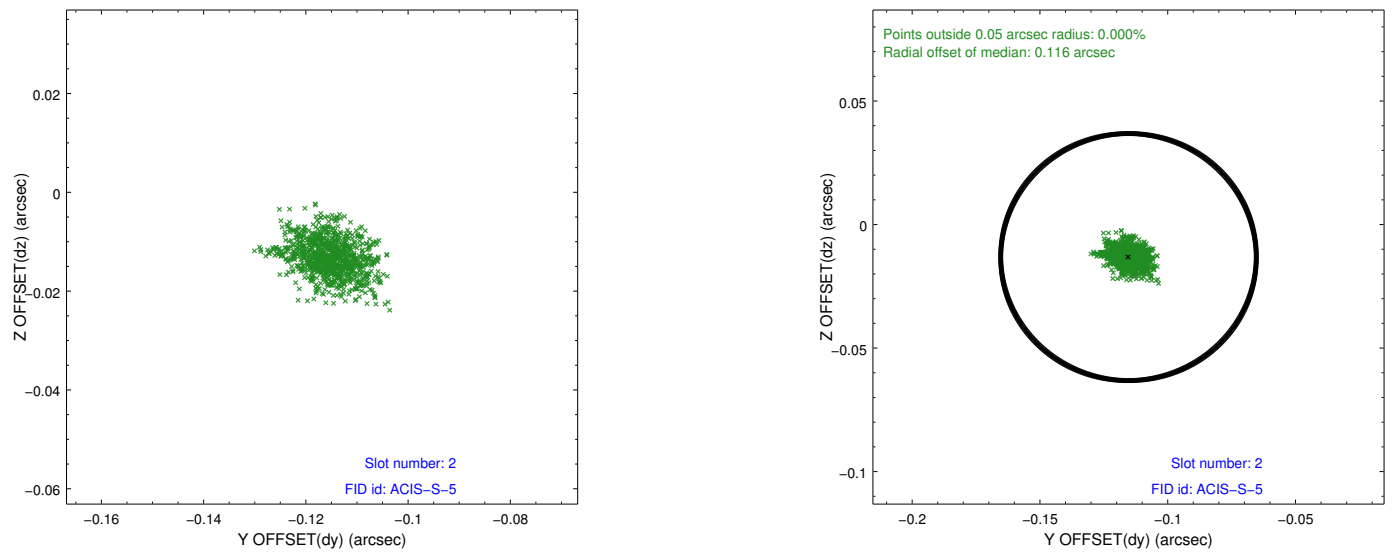
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.83859997

A.2 Comments

Joint proposal with HST and Spitzer.