

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9186 - L2 Version 2
Chandra X-Ray Center

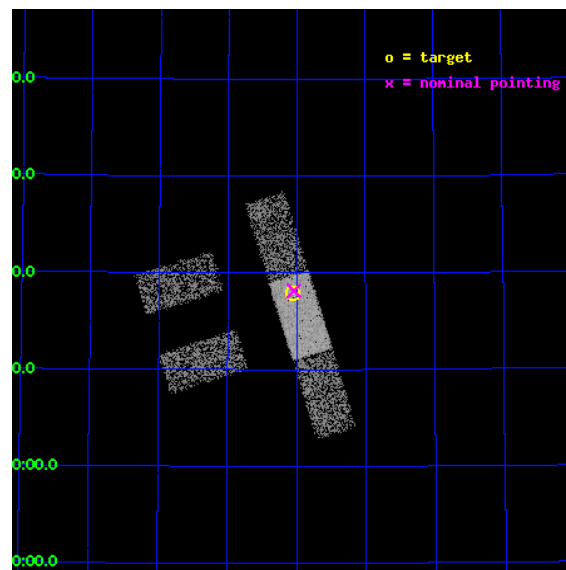
L2 Processing Date : May 10 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

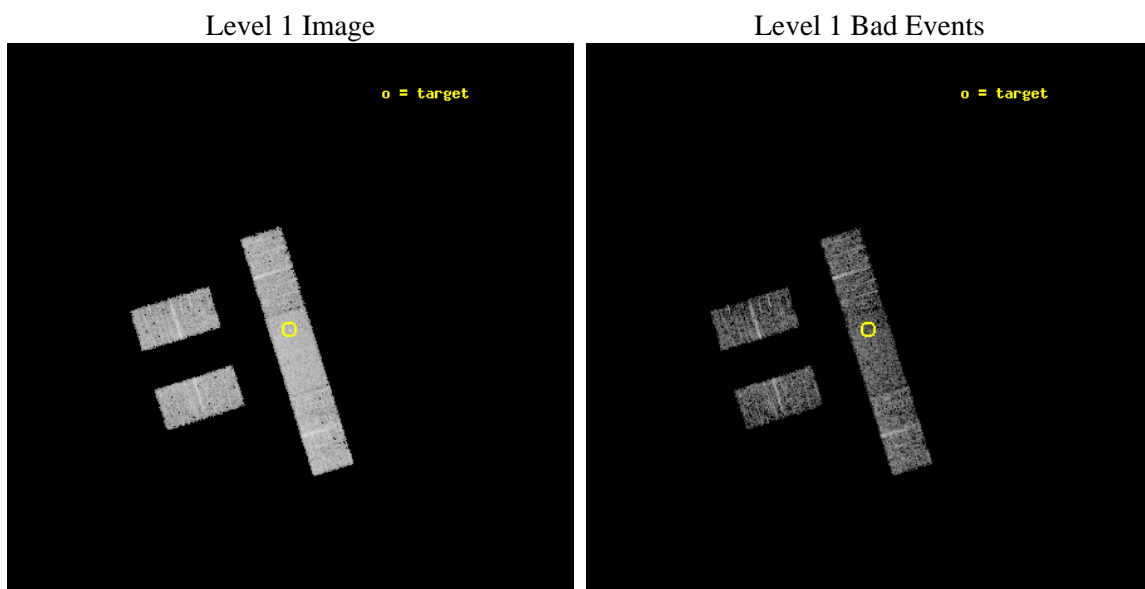
seq_num	701628	Sequence number
obs_id	9186	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S03	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.012917	Observer's specified target RA [deg]
dec_targ	61.29775	Observer's specified target Dec [deg]
ra_nom	263.01010275653	Nominal RA [deg]
dec_nom	61.302451921338	Nominal Dec [deg]
roll_nom	72.659000865934	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3231.6999773979	Sum of GTIs [s]
livetime	3155.5219647891	Livetime [s]
ontime2	3231.6999773979	Sum of GTIs [s]
ontime3	3231.6999773979	Sum of GTIs [s]
ontime6	3231.6999773979	Sum of GTIs [s]
ontime7	3231.6999773979	Sum of GTIs [s]
ontime8	3231.6999773979	Sum of GTIs [s]
l2events	16568	Number of level 2 events



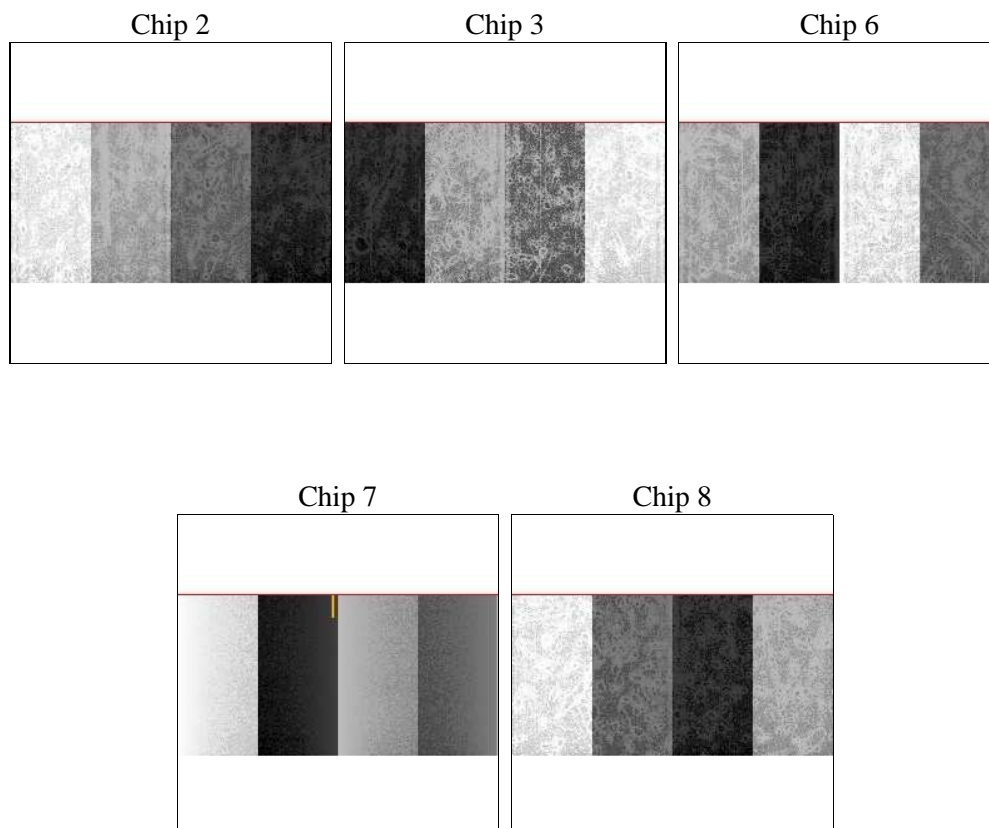
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	3100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	3231.6999773979	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3231.6999773979	Sum of GTIs [s]
date	2012-05-10T07:57:06	Date and time of file creation	ontime3	3231.6999773979	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3231.6999773979	Sum of GTIs [s]
			ontime7	3231.6999773979	Sum of GTIs [s]
			ontime8	3231.6999773979	Sum of GTIs [s]
			l1events	93839	Number of level 1 events

2.1.4 Events

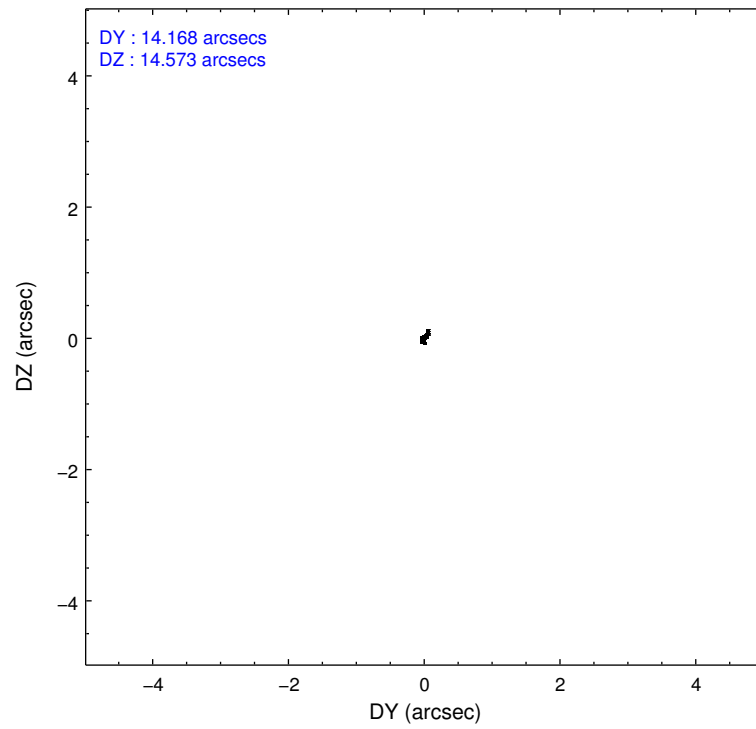
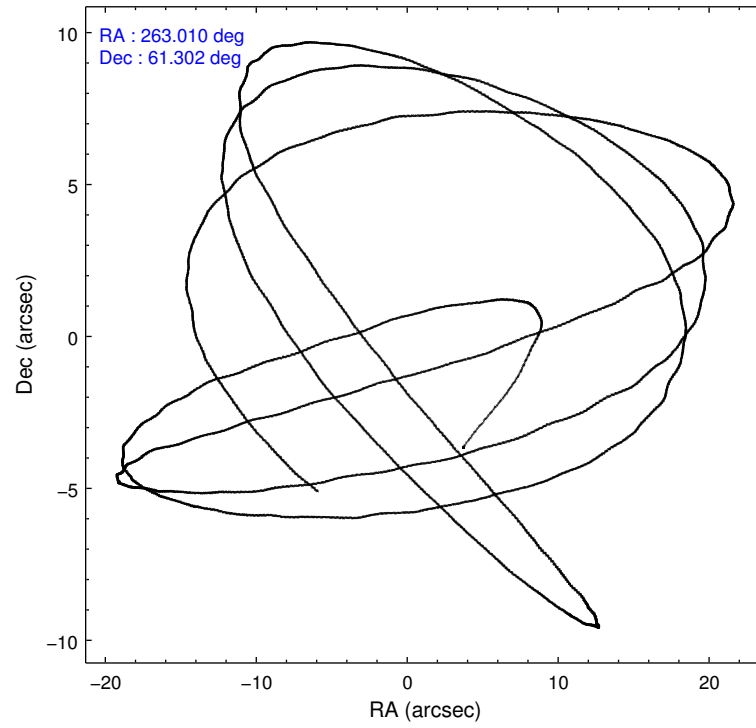
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	15455	16216	16675	22658	22835
rejected events	13477	14226	14634	12973	17854
rejected %	87%	87%	87%	57%	78%

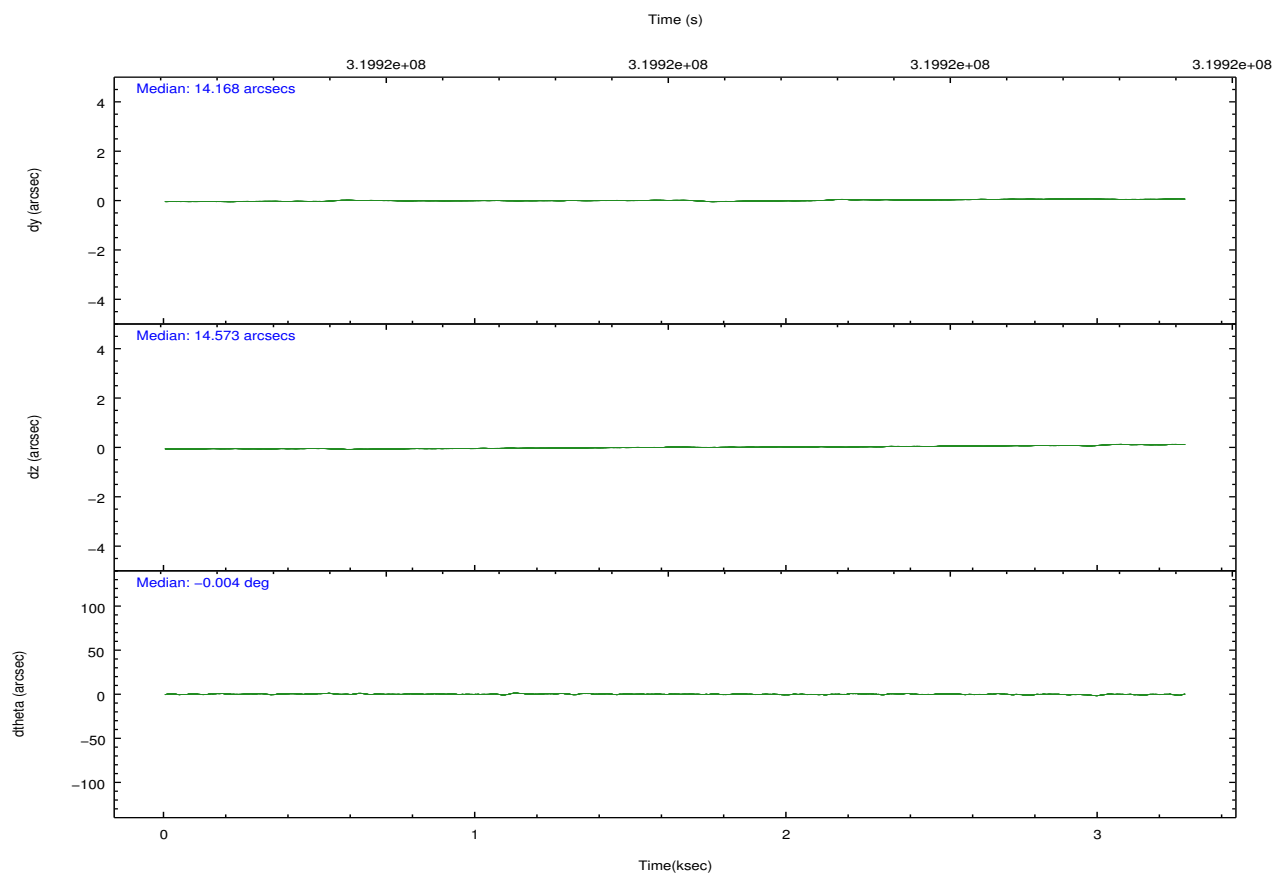
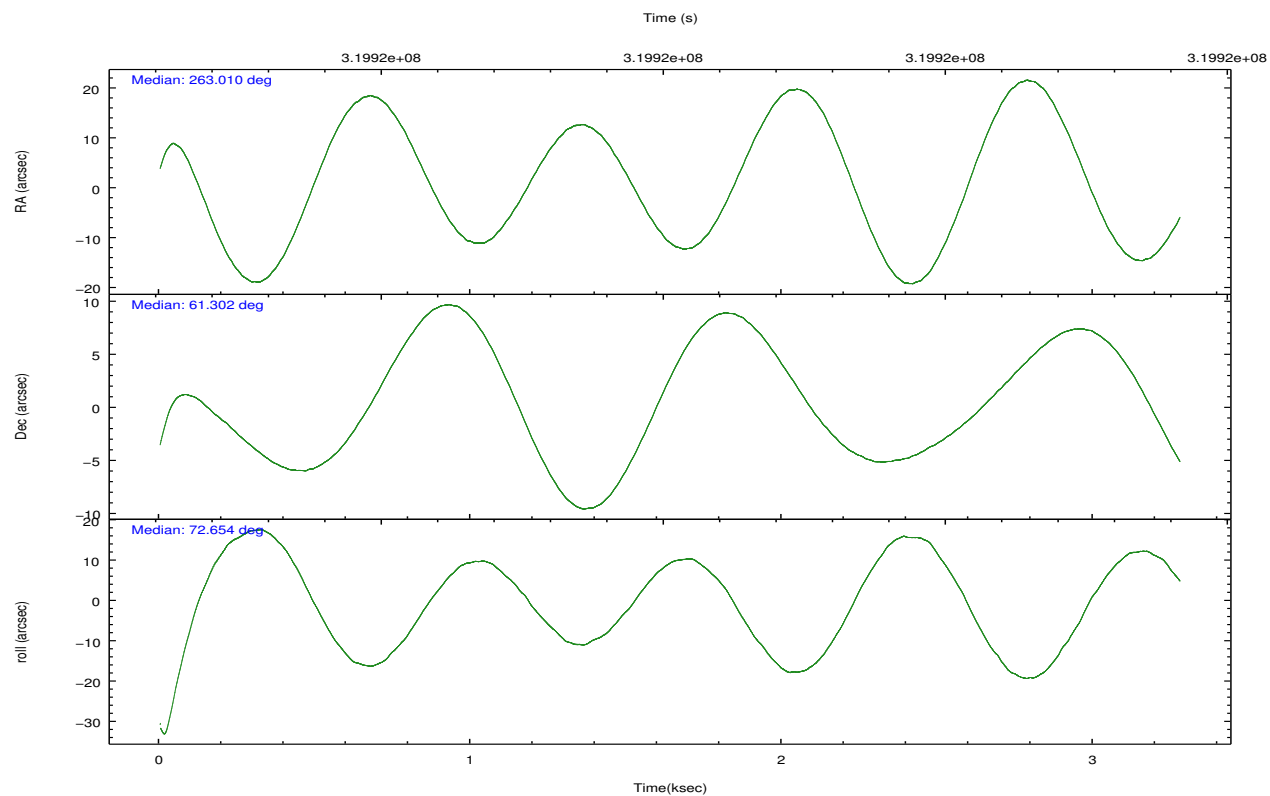
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	829	807	762	855	1486
	5%	4%	4%	3%	6%
grade 1 events	7	9	7	24	9
	0%	0%	0%	0%	0%
grade 2 events	378	412	432	1972	1124
	2%	2%	2%	8%	4%
grade 3 events	230	223	243	959	585
	1%	1%	1%	4%	2%
grade 4 events	218	204	238	963	508
	1%	1%	1%	4%	2%
grade 5 events	651	724	785	2123	1042
	4%	4%	4%	9%	4%
grade 6 events	323	344	368	4947	1278
	2%	2%	2%	21%	5%
grade 7 events	12819	13493	13840	10815	16803
	82%	83%	82%	47%	73%

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	263.023634	263.0101027565252	CCD I2 on	O1	Y
[deg] Pointing Dec	61.275855	61.30245192133827	CCD I3 on	Y	Y
[deg] Pointing Roll	72.490599	72.6590008659342	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)	319917558.184000	319916769.91546	CCD S5 on	N	N
Observation start date	2008-02-20T17:58:13	2008-02-20T17:46:09	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	319920658.184000	319921518.22819	On-chip summing requested	N	N
Observation end date	2008-02-20T18:49:53	2008-02-20T19:05:18	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



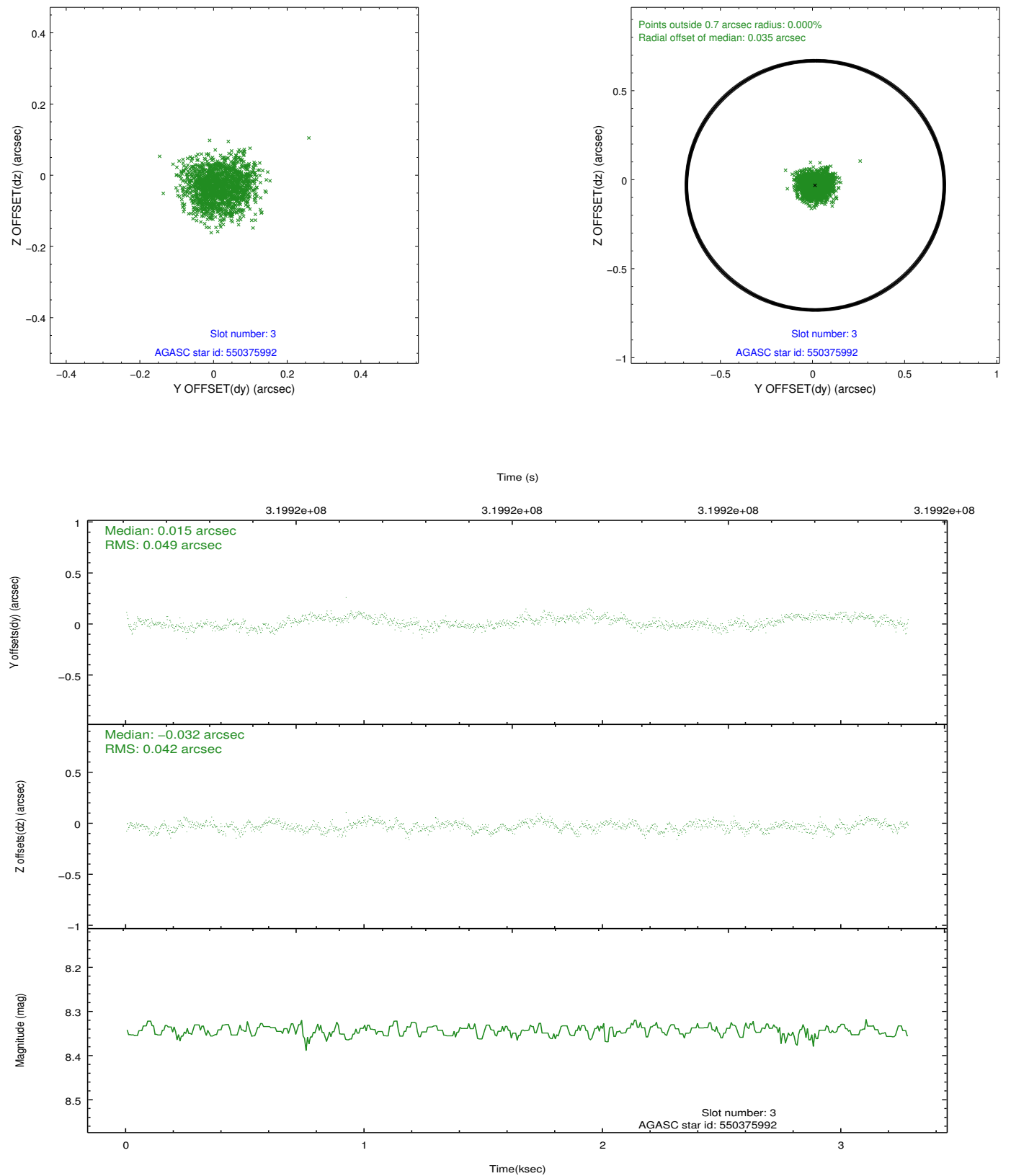


Slot Statistics

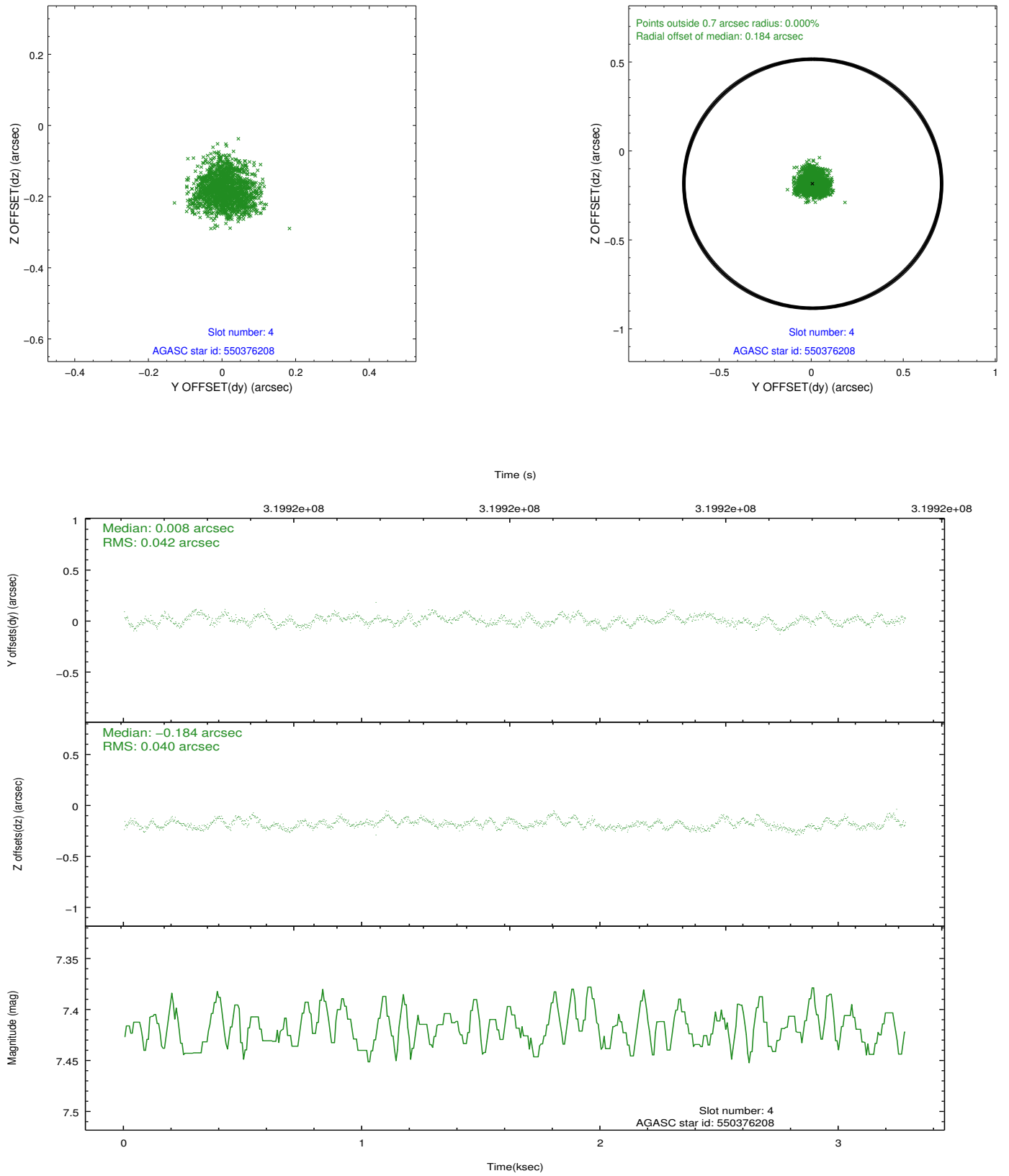
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	800	-0.077	-0.044	0.007	0.010	0.000000	0.000000	-767.19	-1735.94
1	FID	ACIS-S-4	7.19	800	0.205	0.049	0.005	0.009	0.000000	0.000000	2145.47	170.64
2	FID	ACIS-S-5	7.22	800	-0.159	0.004	0.006	0.010	0.000000	0.000000	-1817.64	166.45
3	GUIDE	550375992	8.34	1597	0.015	-0.032	0.069	0.108	262.402125	61.087231	-967.89	828.36
4	GUIDE	550376208	7.42	1600	0.008	-0.184	0.063	0.098	262.892066	61.684010	1333.90	656.74
5	GUIDE	550378272	8.17	1600	0.008	0.076	0.066	0.105	264.291667	61.704521	2144.10	-1592.63
6	GUIDE	550380408	8.53	1599	0.037	0.030	0.068	0.111	261.832166	60.909093	-1866.81	1595.63
7	GUIDE	550381952	8.42	1599	-0.059	0.107	0.073	0.116	263.487049	61.716200	1751.51	-275.00

2.4 Star Slots

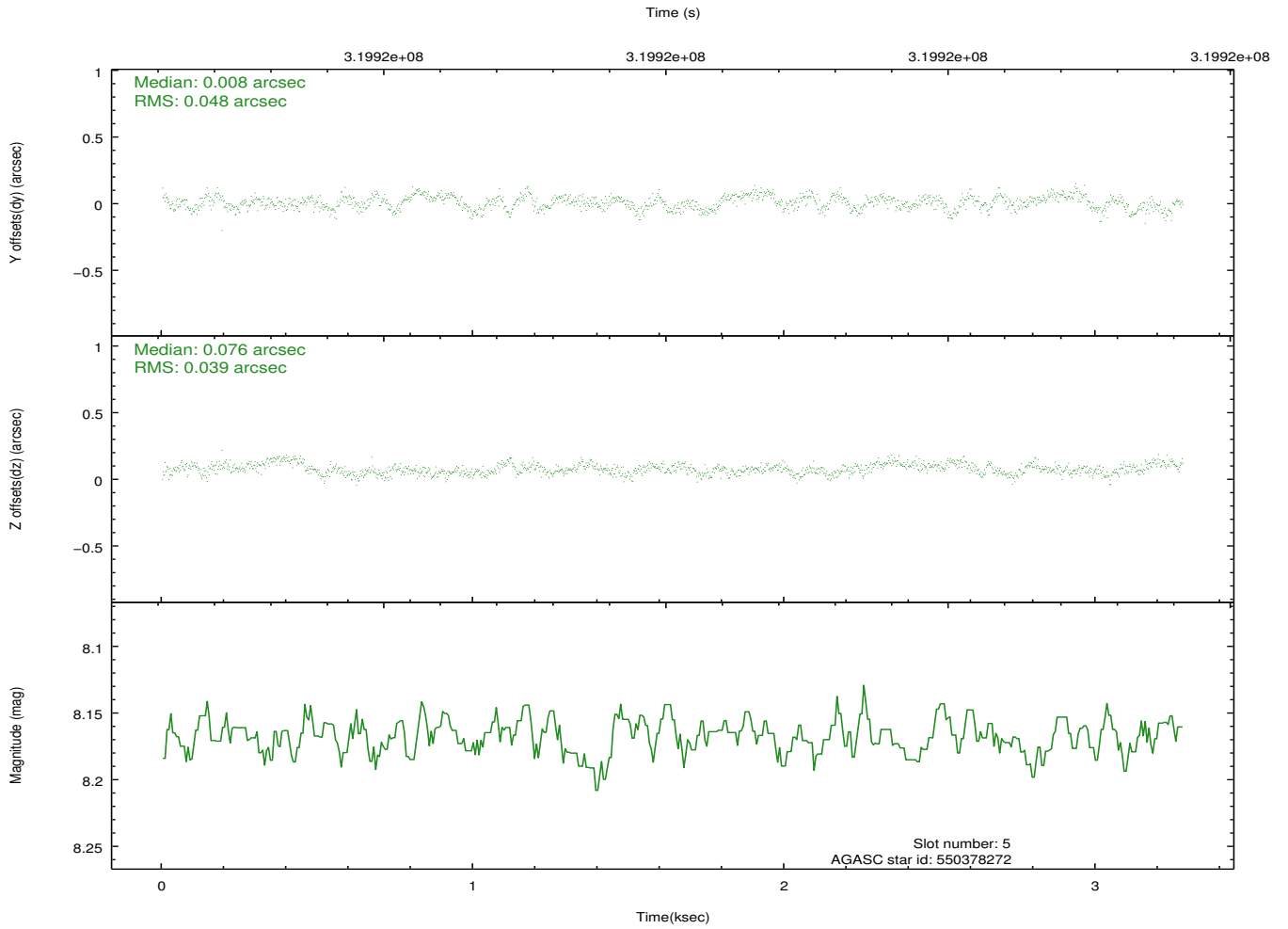
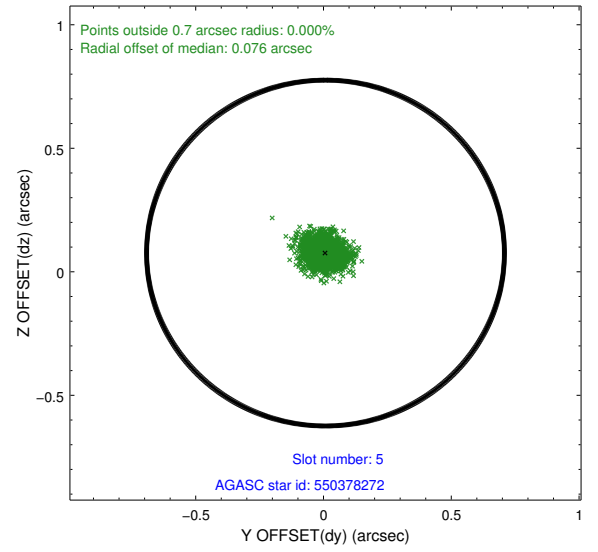
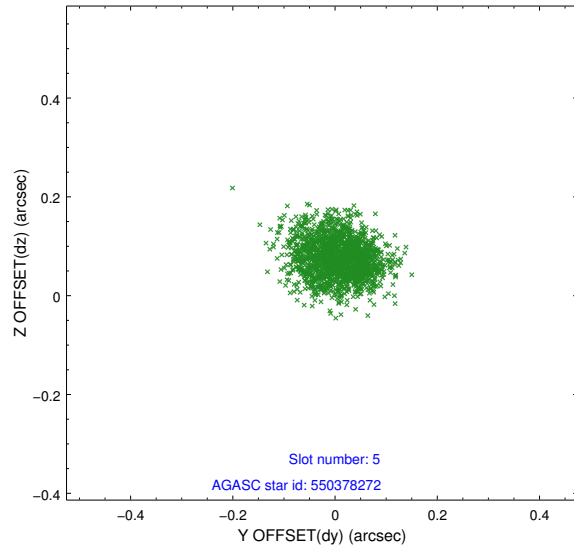
2.4.1 Slot 3



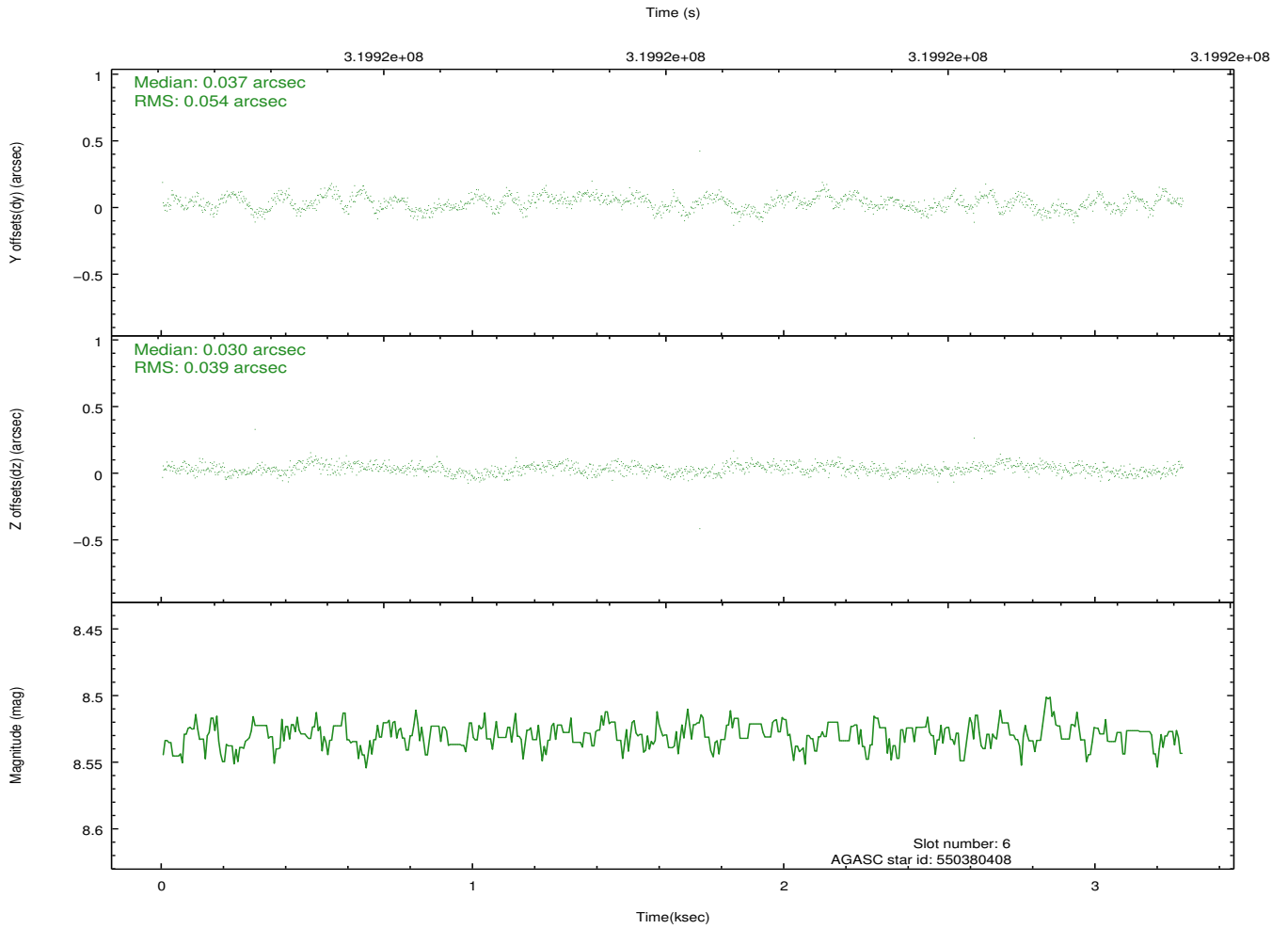
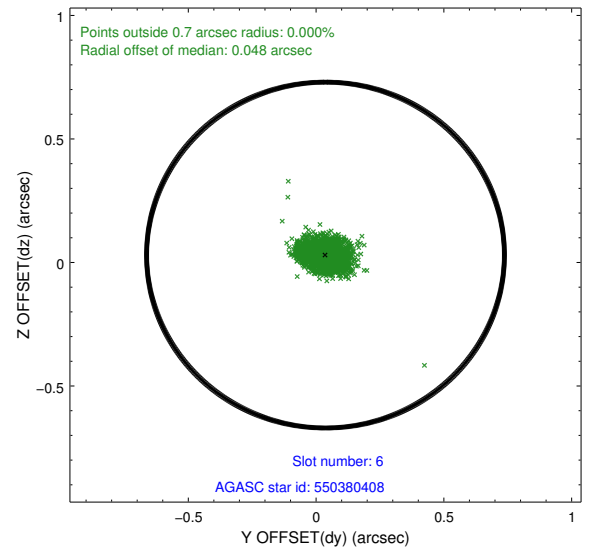
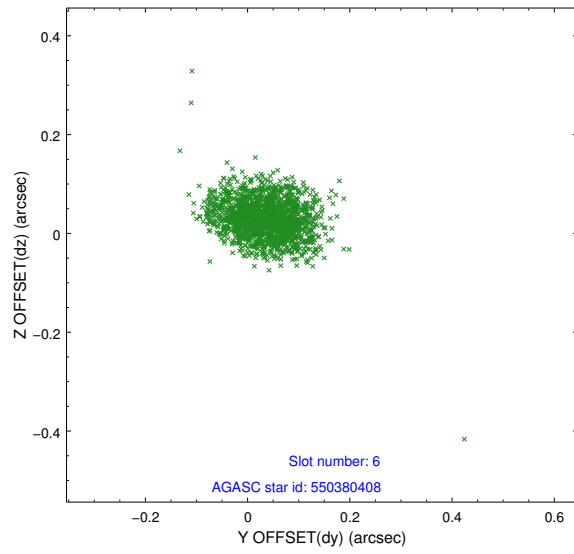
2.4.2 Slot 4



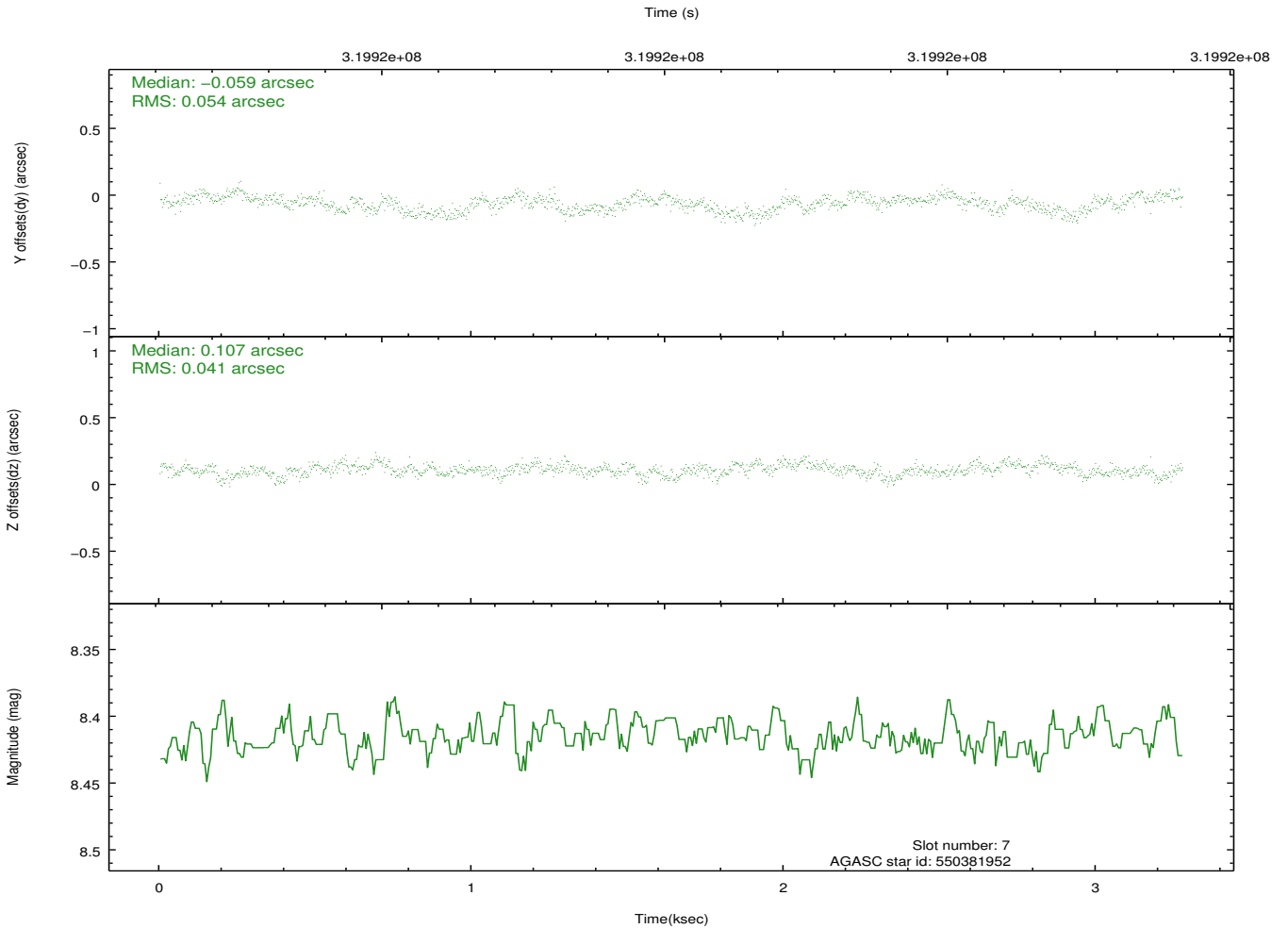
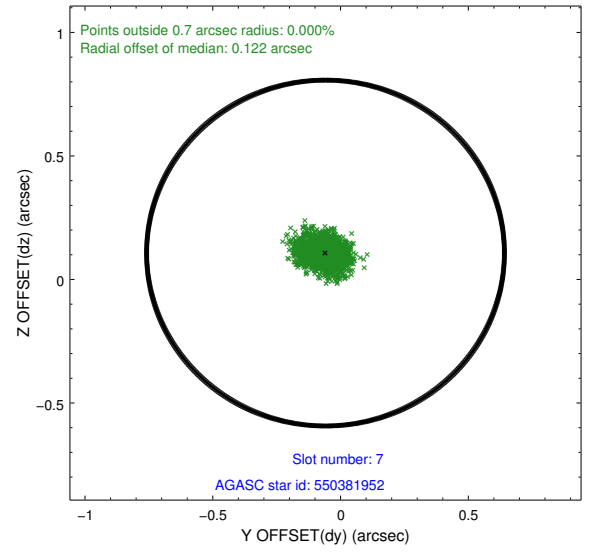
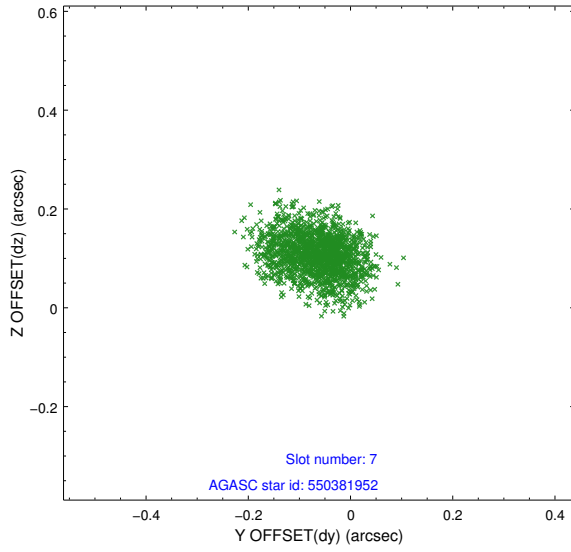
2.4.3 Slot 5



2.4.4 Slot 6

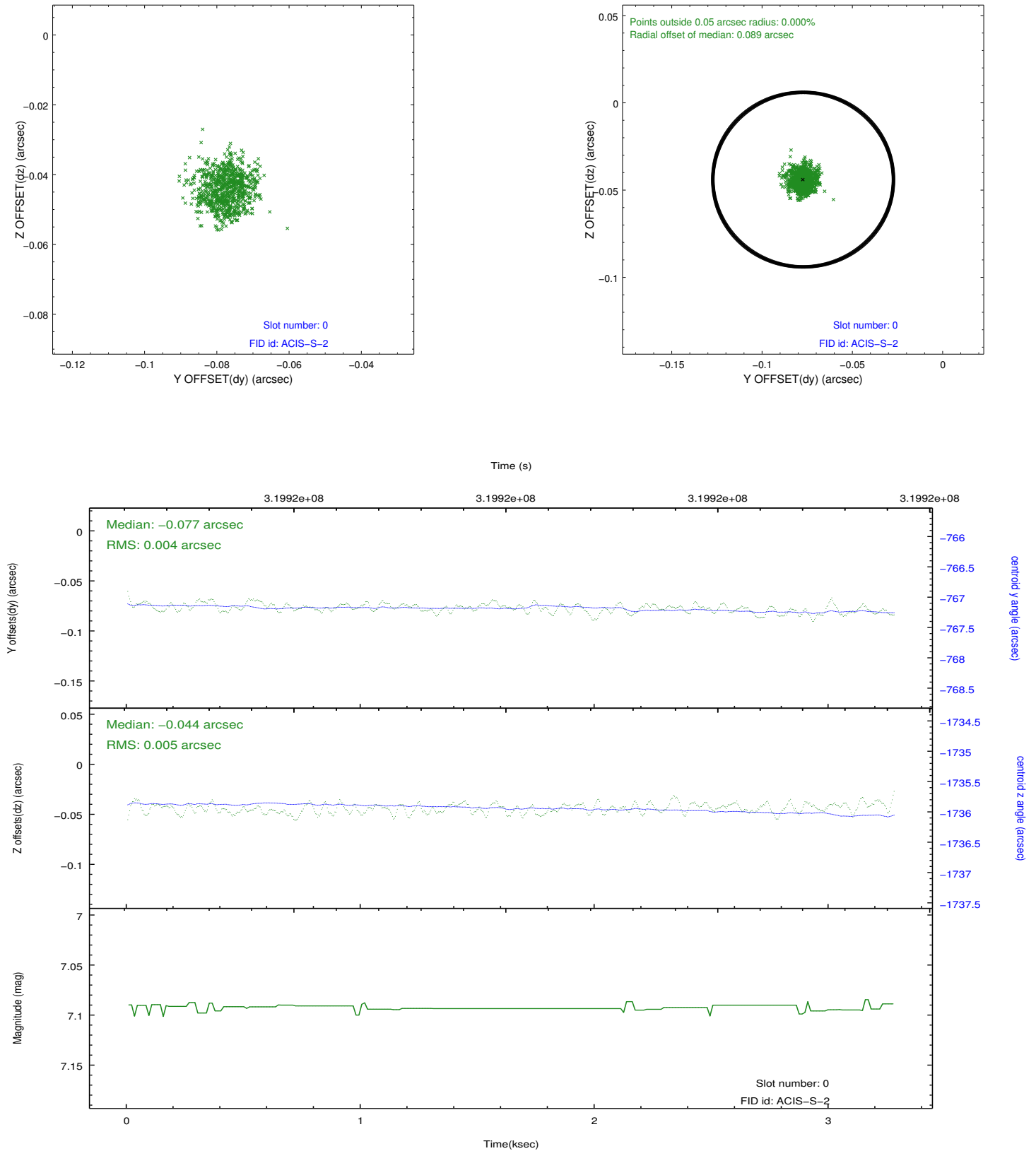


2.4.5 Slot 7

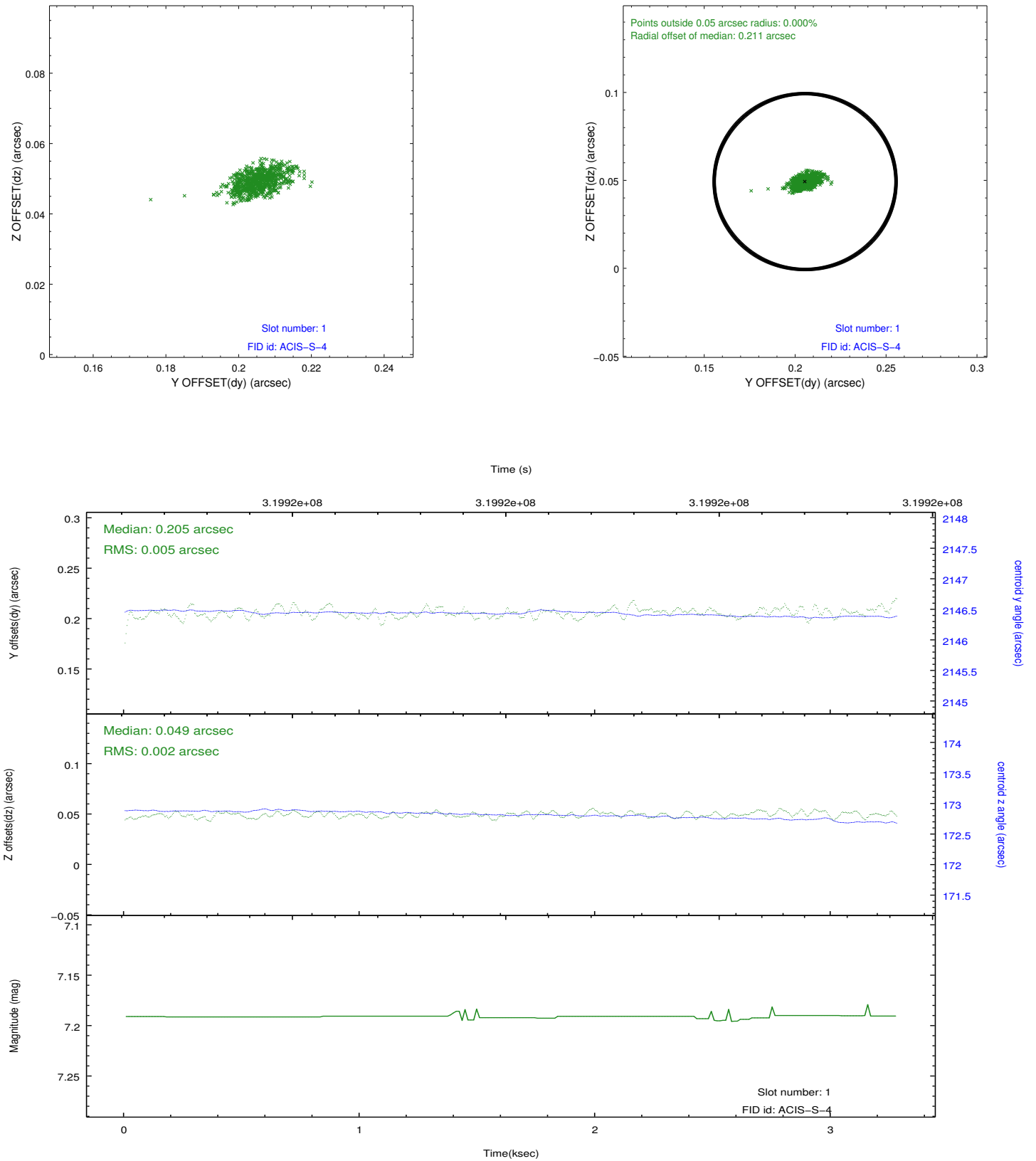


2.5 FID Slots

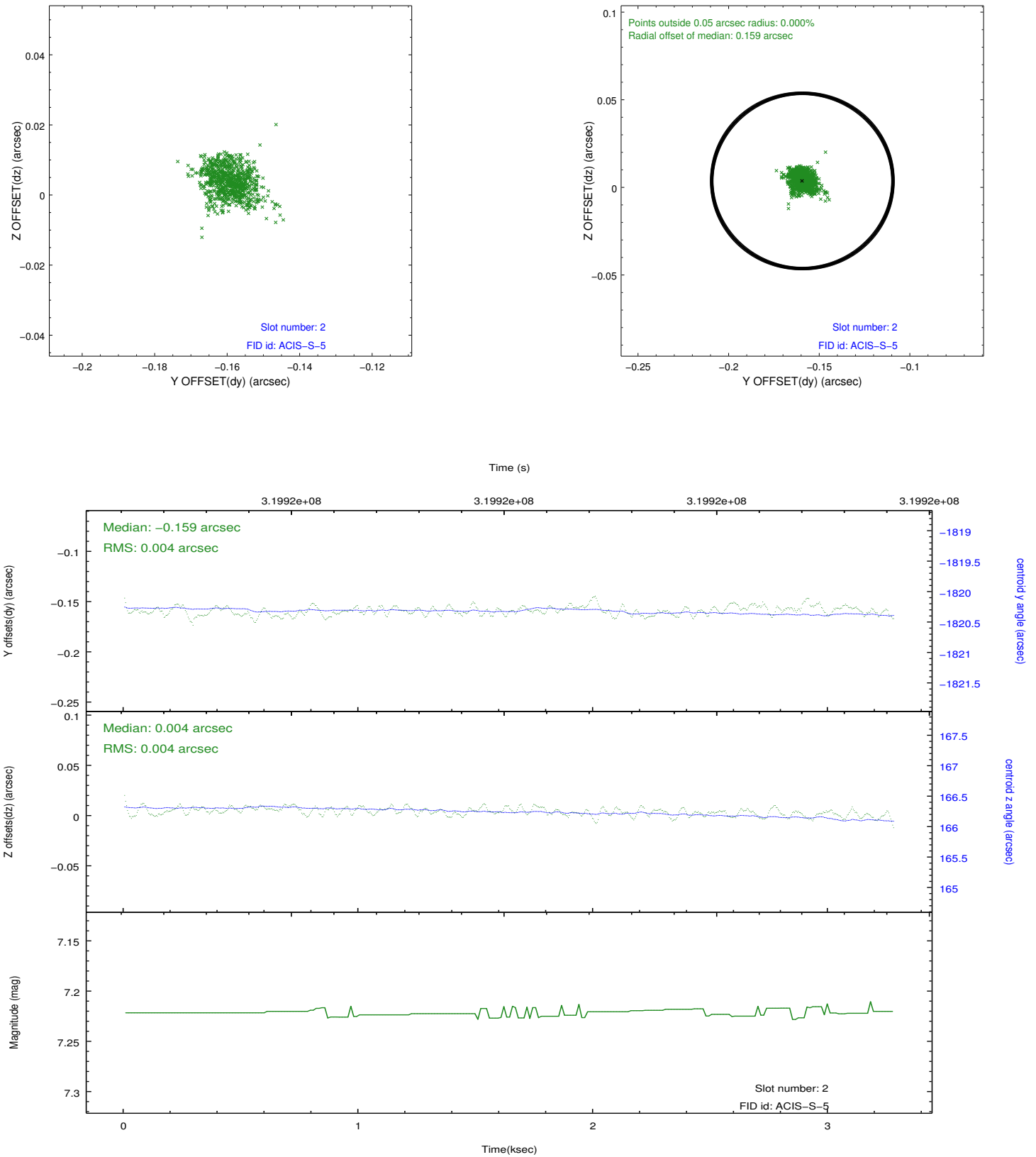
2.5.1 Slot 0



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)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.23169997

A.2 Comments

Joint Proposal: HST+Spitzer