

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9205 - L2 Version 2
Chandra X-Ray Center

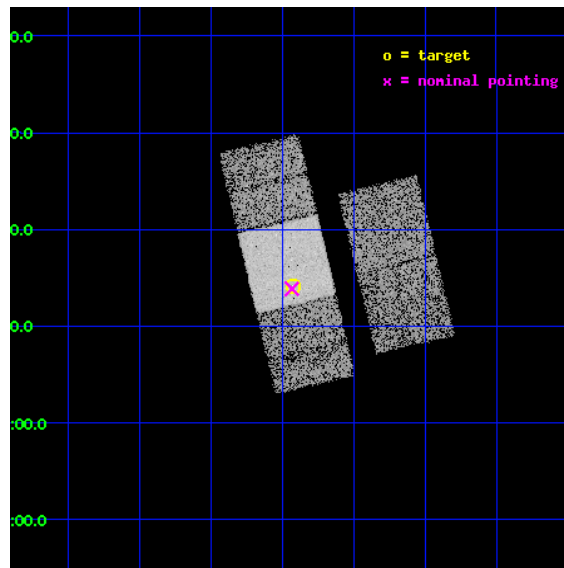
L2 Processing Date : May 12 2012

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1 Front

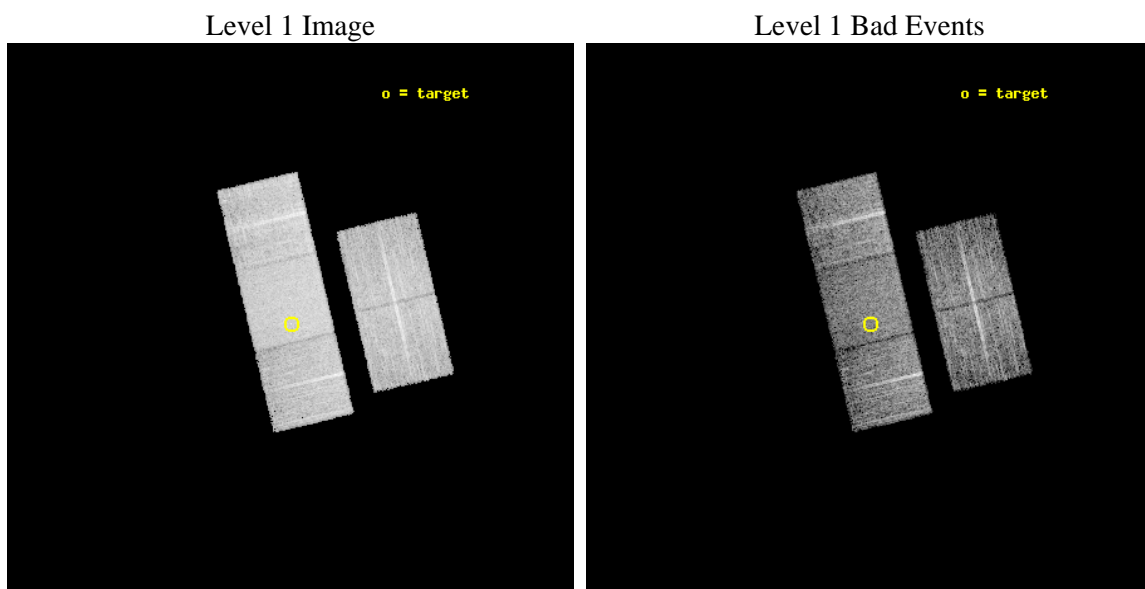
seq_num	701647	Sequence number
obs_id	9205	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S33	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	143.731667	Observer's specified target RA [deg]
dec_targ	5.235889	Observer's specified target Dec [deg]
ra_nom	143.73319855468	Nominal RA [deg]
dec_nom	5.231192410951	Nominal Dec [deg]
roll_nom	256.58585866551	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5676.1000436544	Sum of GTIs [s]
livetime	5601.9376179	Livetime [s]
ontime2	5676.1000436544	Sum of GTIs [s]
ontime3	5676.1000436544	Sum of GTIs [s]
ontime6	5672.9590733051	Sum of GTIs [s]
ontime7	5676.1000436544	Sum of GTIs [s]
ontime8	5676.1000436544	Sum of GTIs [s]
l2events	54049	Number of level 2 events



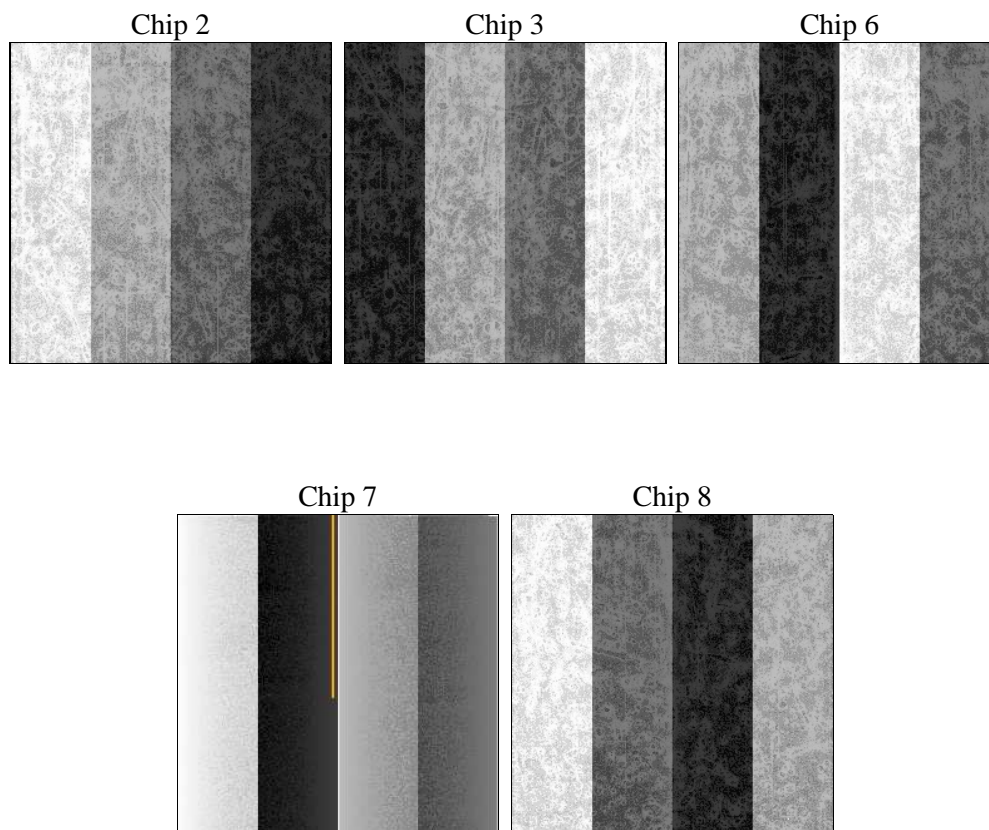
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5676.1000436544	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5676.1000436544	Sum of GTIs [s]
date	2012-05-13T00:01:21	Date and time of file creation	ontime3	5676.1000436544	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5672.9590733051	Sum of GTIs [s]
			ontime7	5676.1000436544	Sum of GTIs [s]
			ontime8	5676.1000436544	Sum of GTIs [s]
			l1events	313136	Number of level 1 events

2.1.4 Events

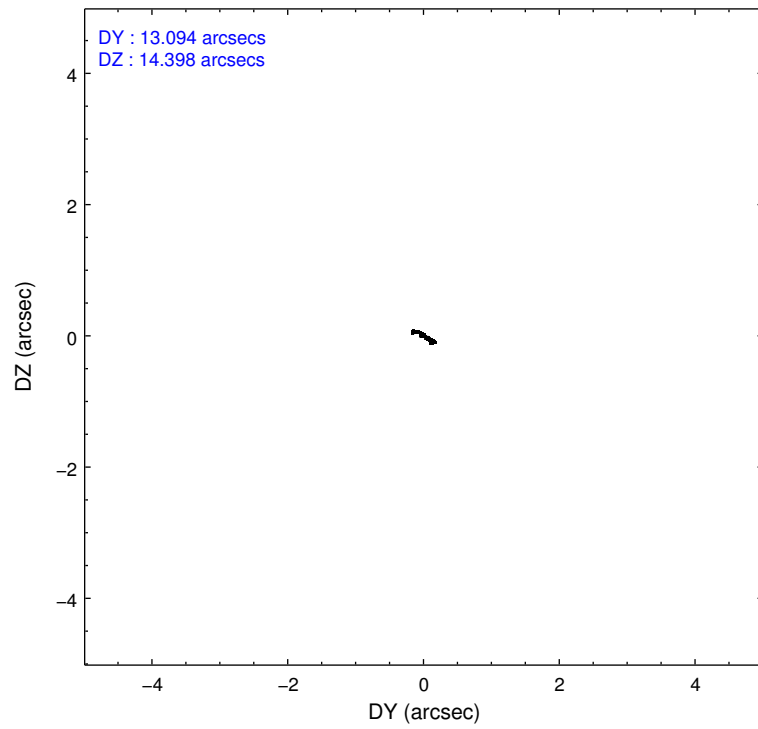
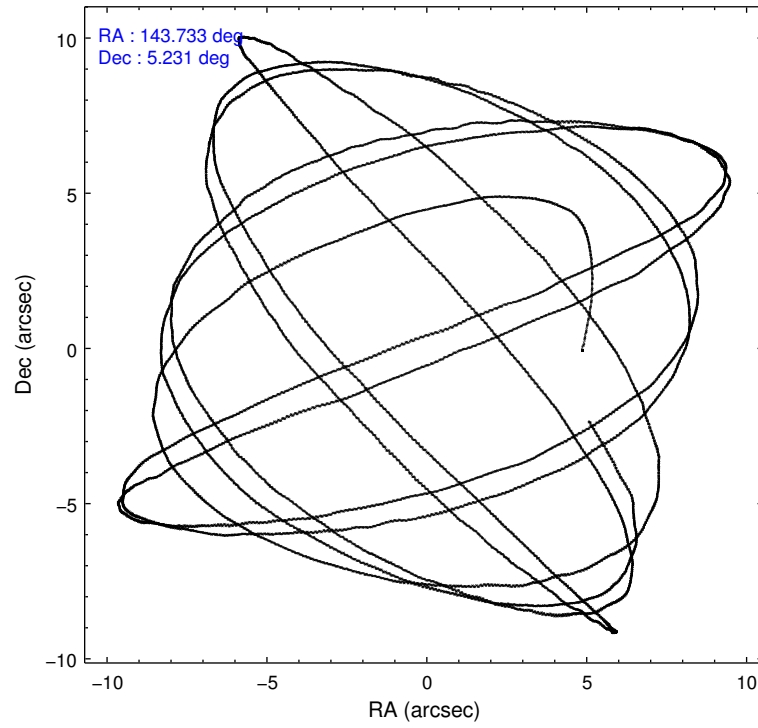
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	54101	53890	56330	76849	71966
rejected events	47768	47309	49733	45779	55879
rejected %	88%	87%	88%	59%	77%

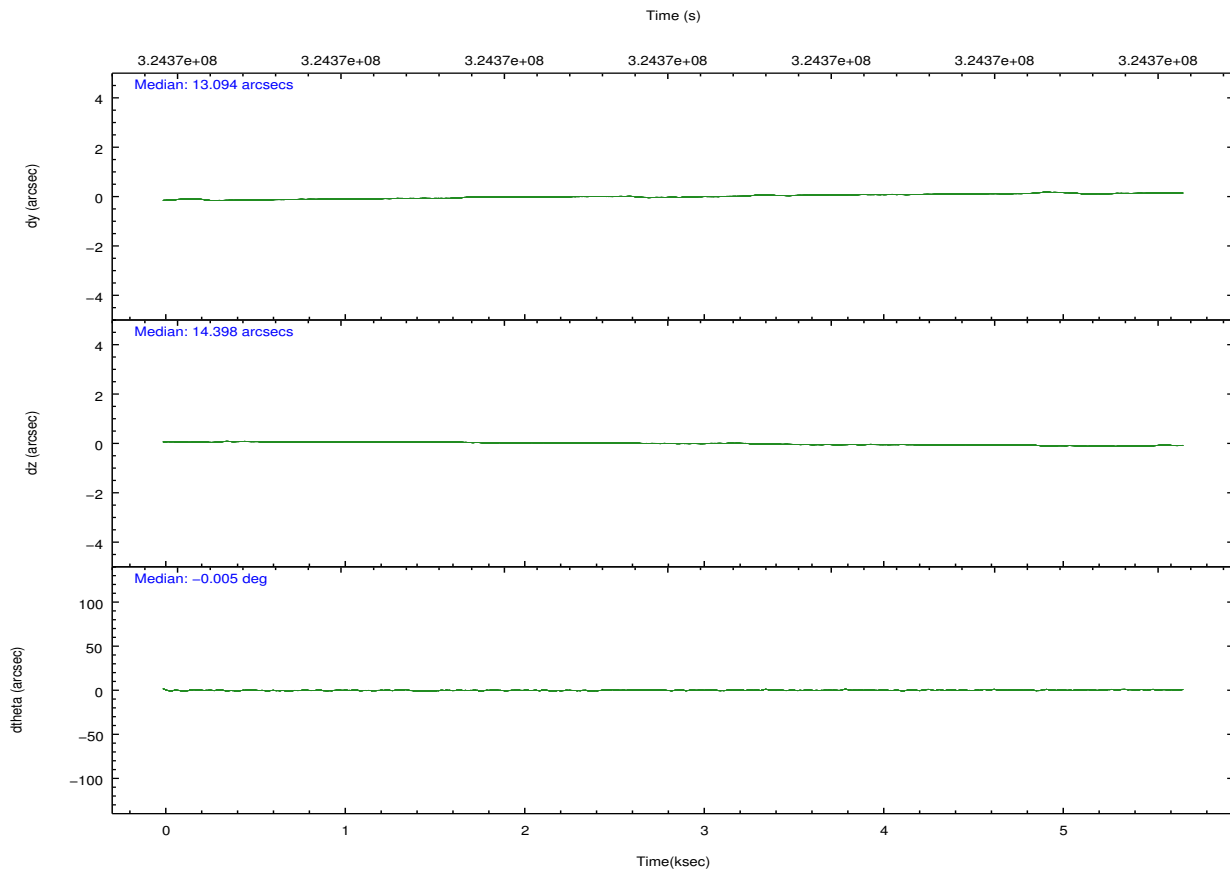
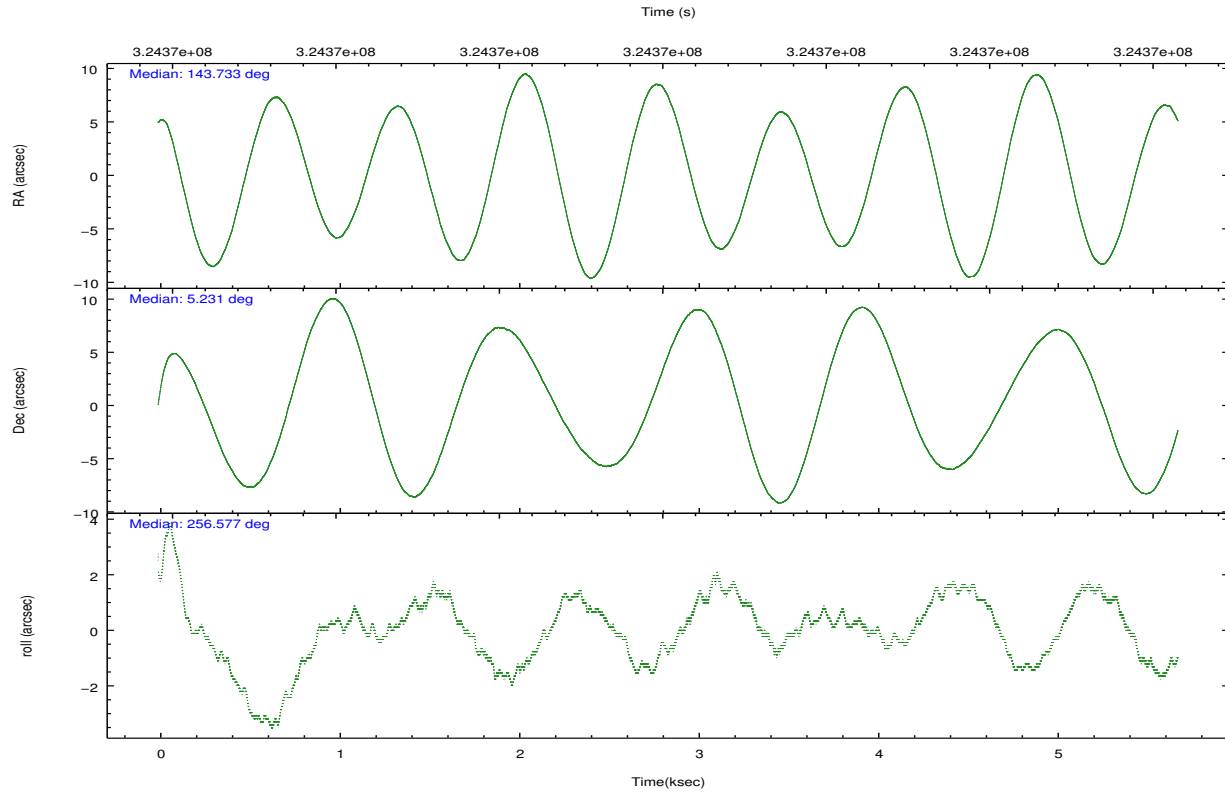
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2825	2874	2547	2717	5112
	5%	5%	4%	3%	7%
grade 1 events	32	42	23	82	57
	0%	0%	0%	0%	0%
grade 2 events	1356	1306	1539	6498	3808
	2%	2%	2%	8%	5%
grade 3 events	567	675	647	2625	1687
	1%	1%	1%	3%	2%
grade 4 events	617	675	624	2640	1648
	1%	1%	1%	3%	2%
grade 5 events	2207	2664	2703	7218	3587
	4%	4%	4%	9%	4%
grade 6 events	1116	1197	1419	17353	4178
	2%	2%	2%	22%	5%
grade 7 events	45381	44457	46828	37716	51889
	83%	82%	83%	49%	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	143.724999	143.7331985546756	CCD I2 on	O1	Y
[deg] Pointing Dec	5.257385	5.231192410950957	CCD I3 on	Y	Y
[deg] Pointing Roll	256.429978	256.5858586655091	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)	324367367.184000	324366297.69432	CCD S5 on	N	N
Observation start date	2008-04-12T06:01:42	2008-04-12T05:44:57	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	324372867.184000	324373479.35717	On-chip summing requested	N	N
Observation end date	2008-04-12T07:33:22	2008-04-12T07:44:39	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



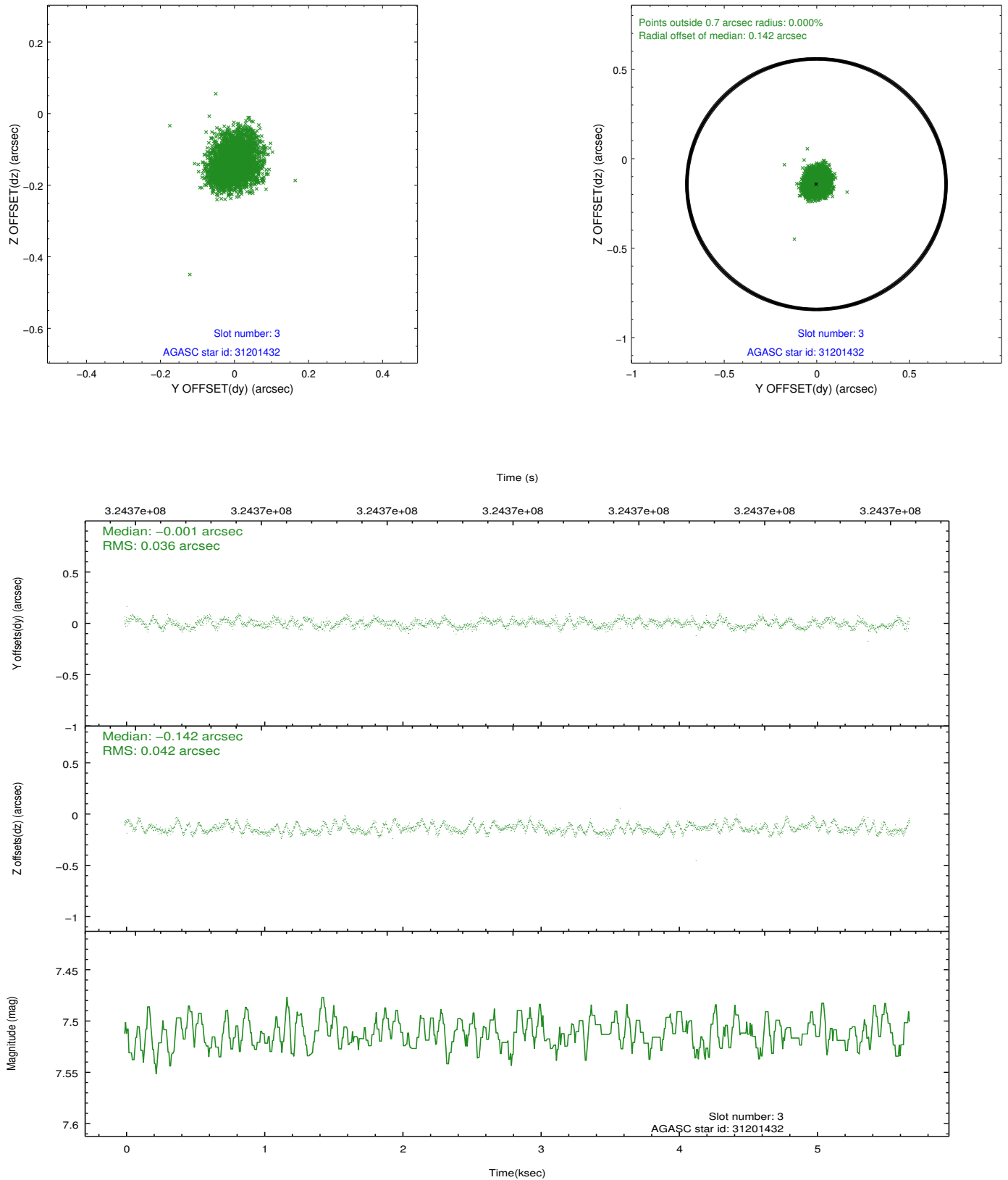


Slot Statistics

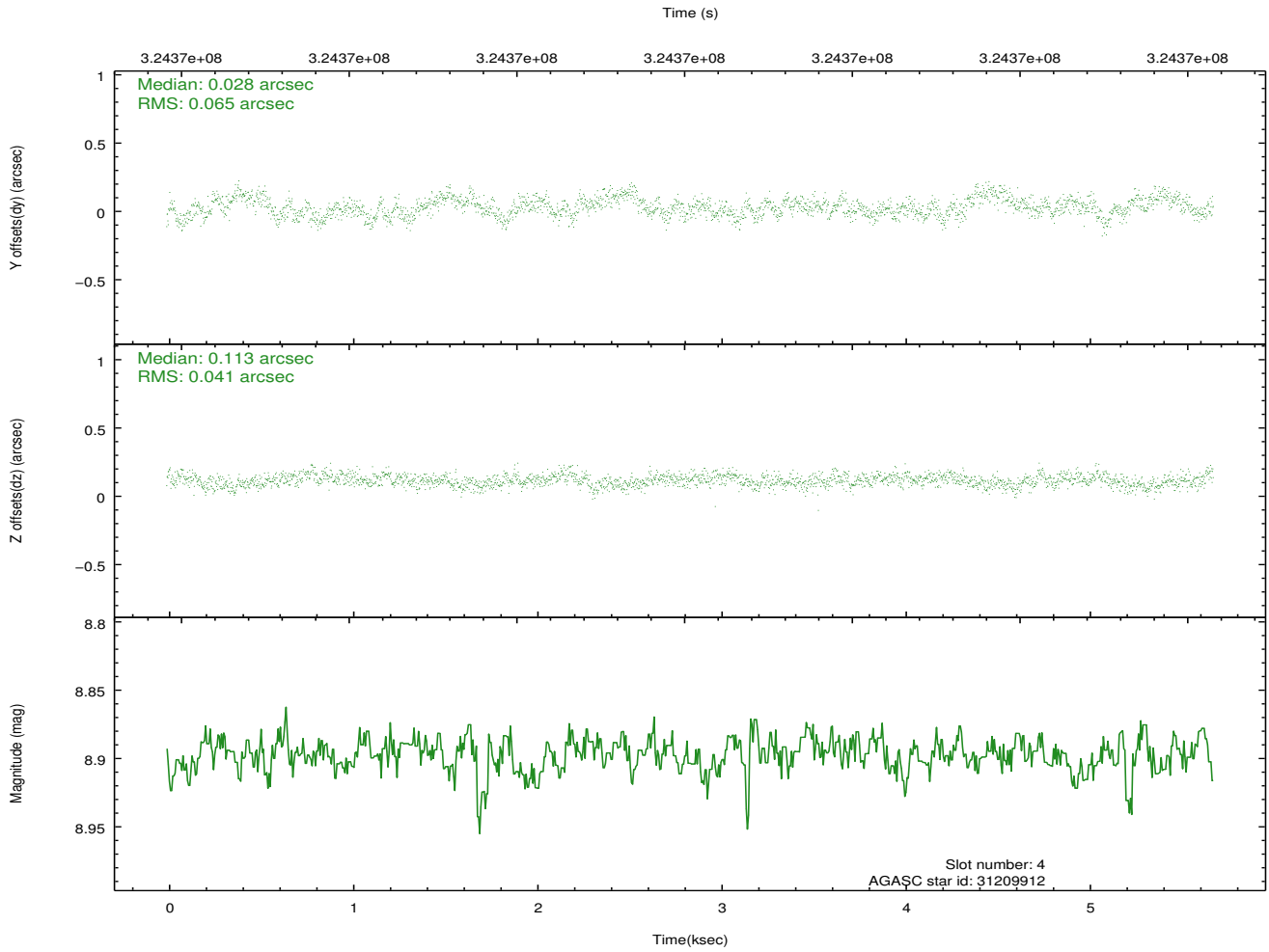
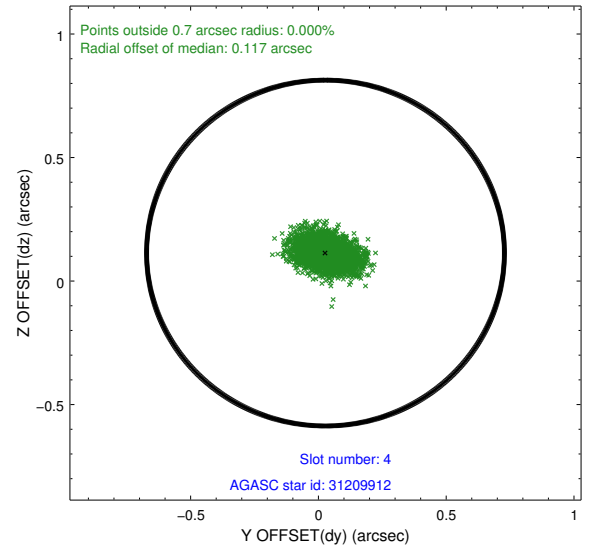
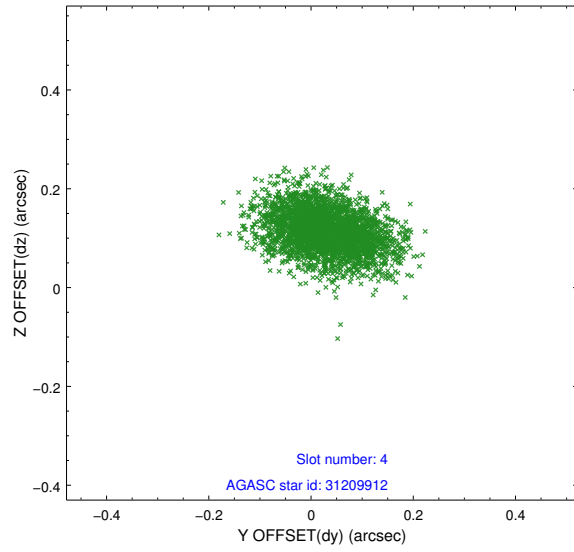
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	1386	-0.043	-0.021	0.007	0.012	0.000000	0.000000	-766.04	-1735.73
1	FID	ACIS-S-4	7.00	1386	0.133	0.026	0.006	0.012	0.000000	0.000000	2146.91	171.74
2	FID	ACIS-S-5	7.04	1386	-0.121	0.003	0.007	0.014	0.000000	0.000000	-1817.63	166.54
3	GUIDE	31201432	7.51	2772	-0.001	-0.142	0.060	0.092	144.192878	4.950734	678.53	1890.02
4	GUIDE	31209912	8.90	2768	0.028	0.113	0.081	0.136	143.381587	4.707712	2212.77	-732.46
5	GUIDE	31604320	9.23	2773	-0.073	0.045	0.094	0.153	143.429919	5.520495	-671.85	-1250.64
6	GUIDE	31605864	8.60	2772	-0.006	-0.045	0.076	0.118	143.185019	5.122887	924.22	-1769.13
7	GUIDE	31204680	7.04	2772	0.046	0.030	0.061	0.097	144.018318	4.514405	2353.30	1650.45

2.4 Star Slots

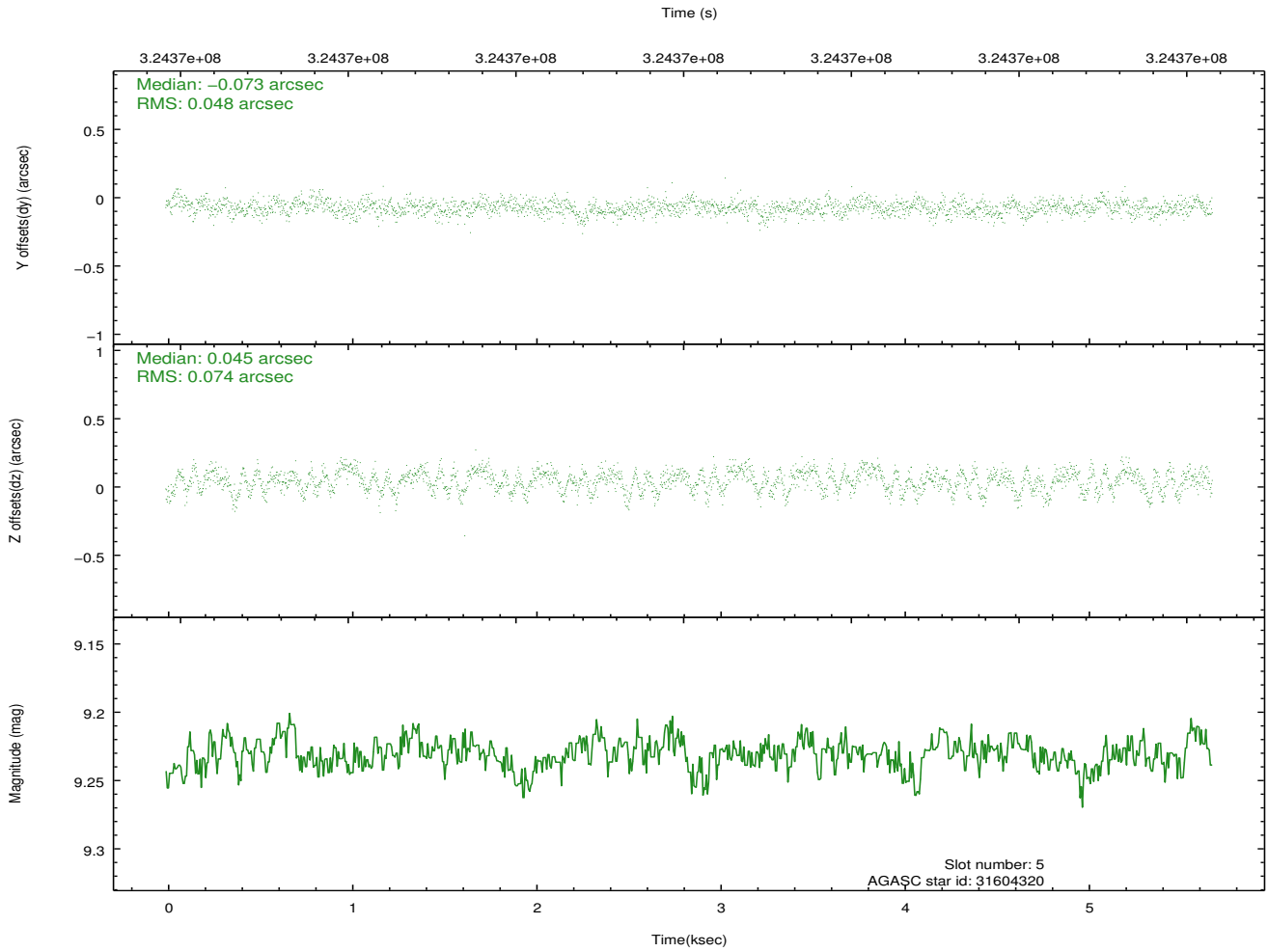
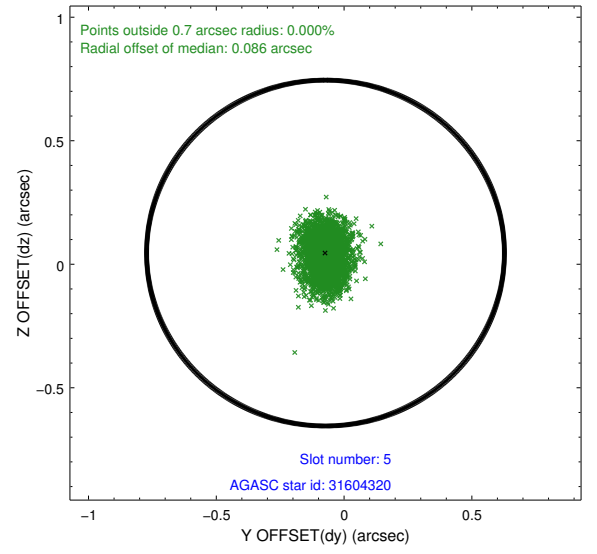
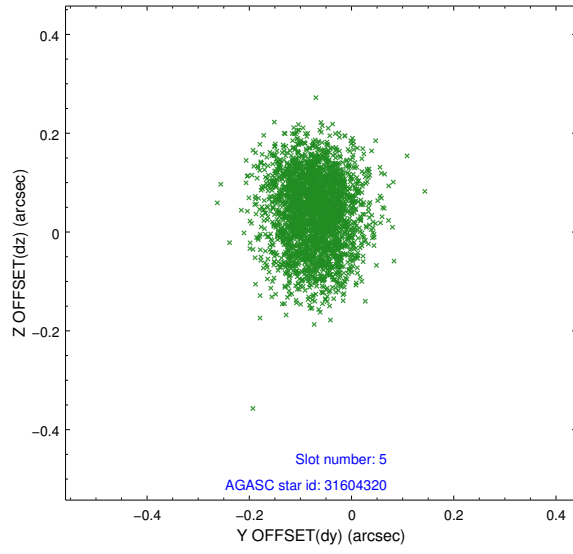
2.4.1 Slot 3



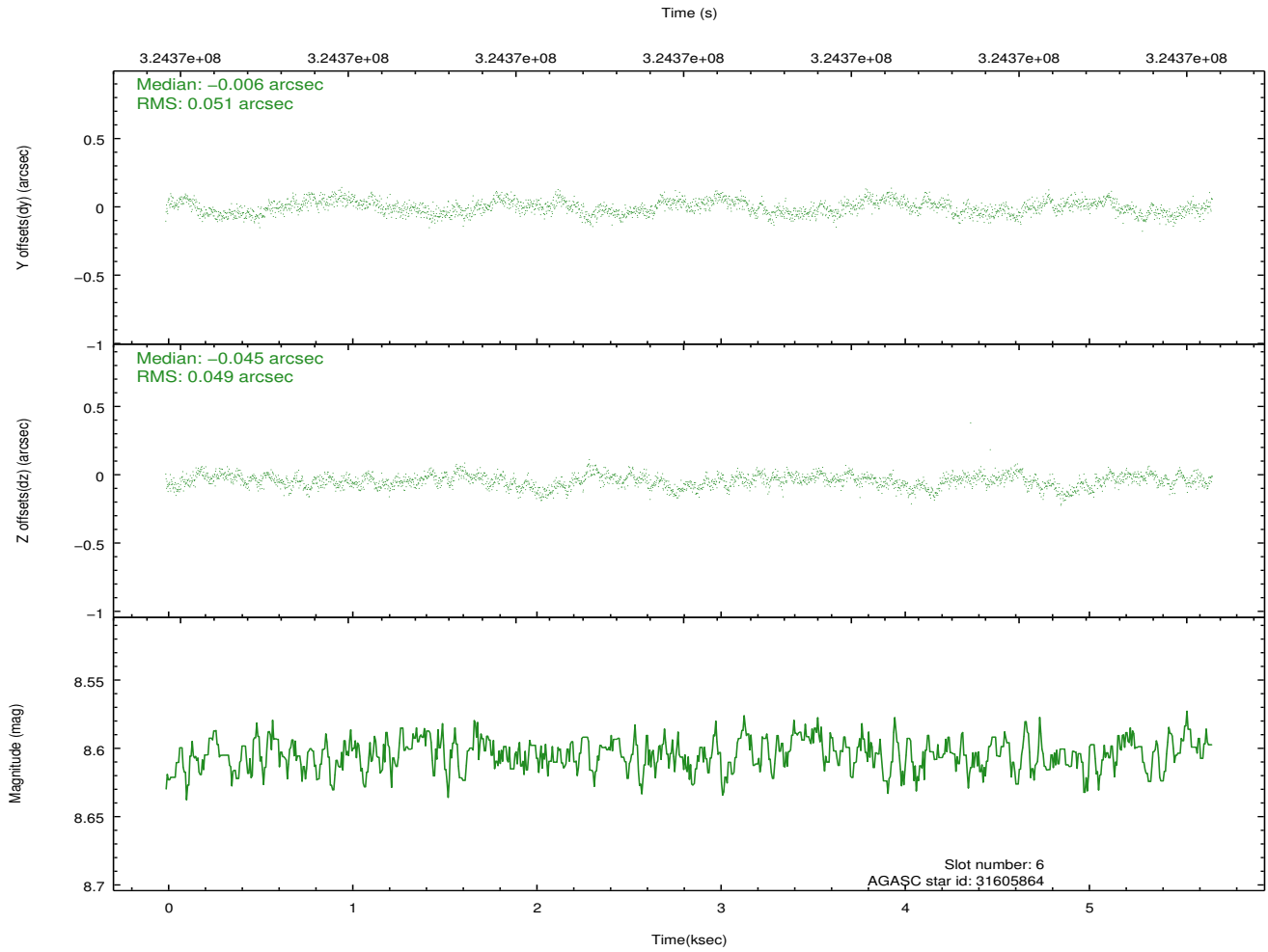
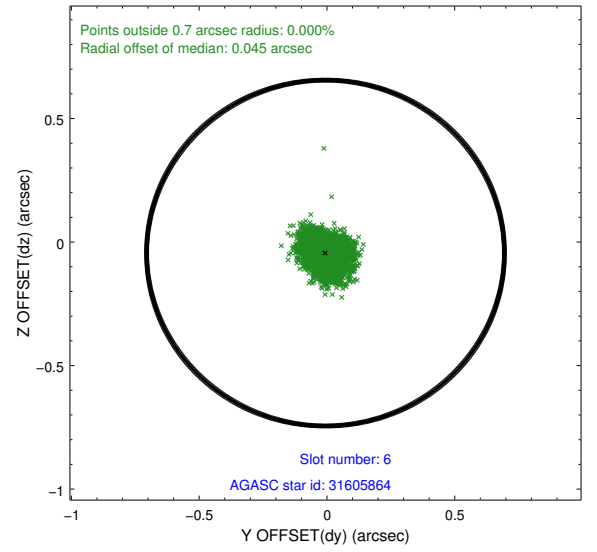
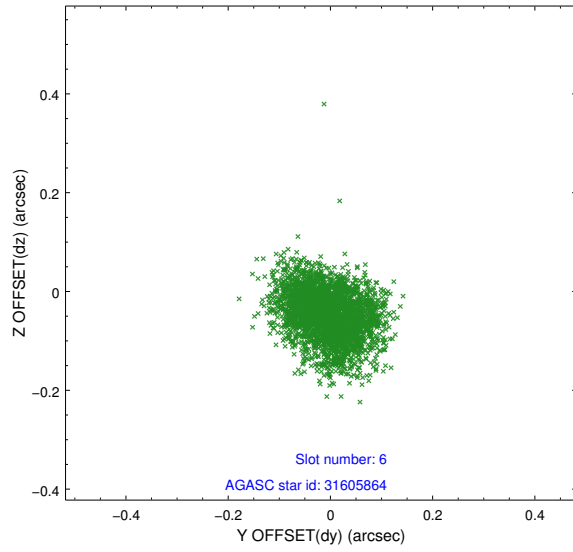
2.4.2 Slot 4



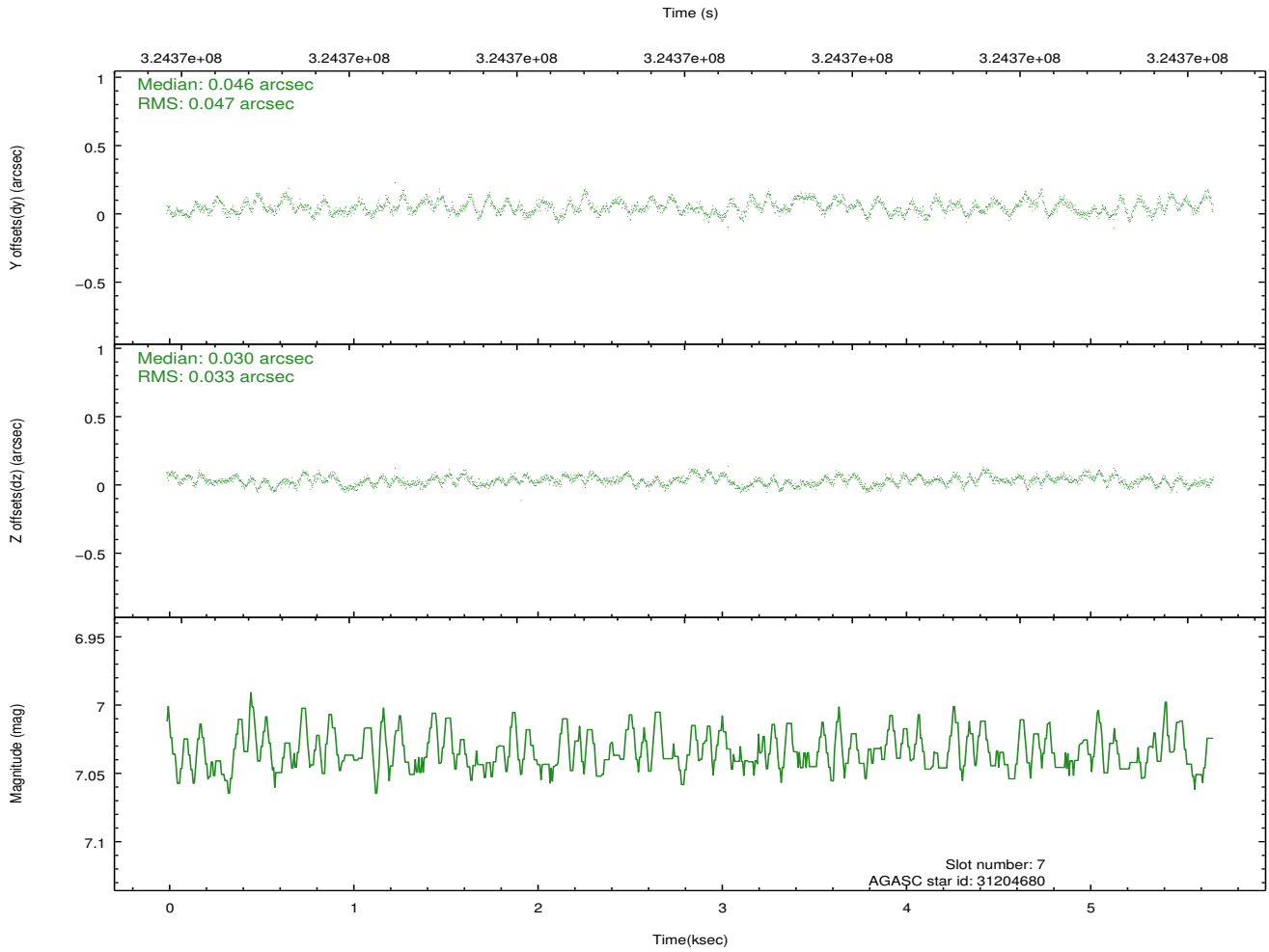
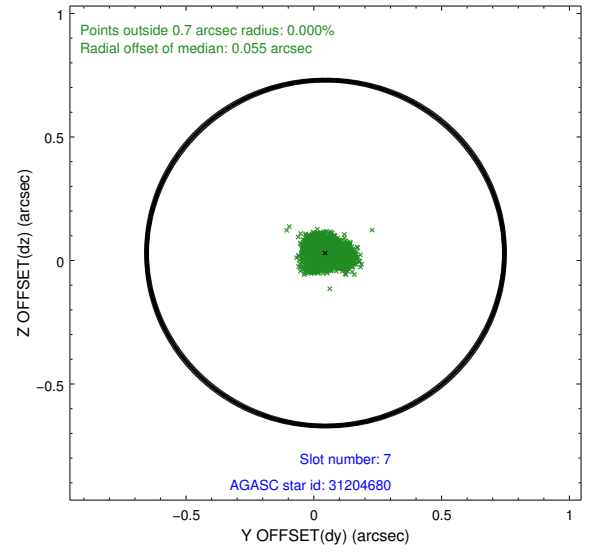
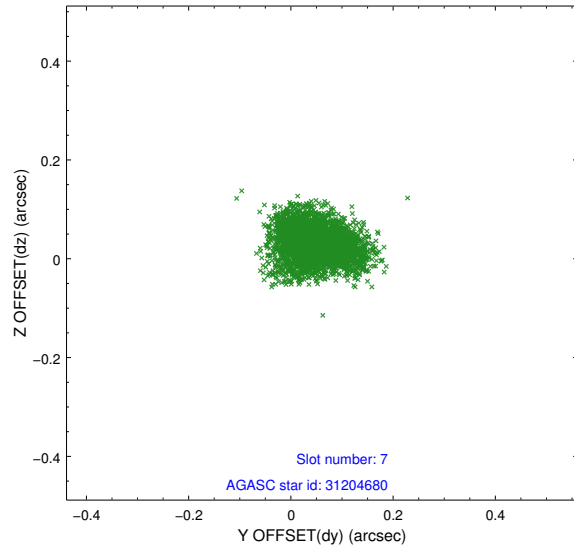
2.4.3 Slot 5



2.4.4 Slot 6

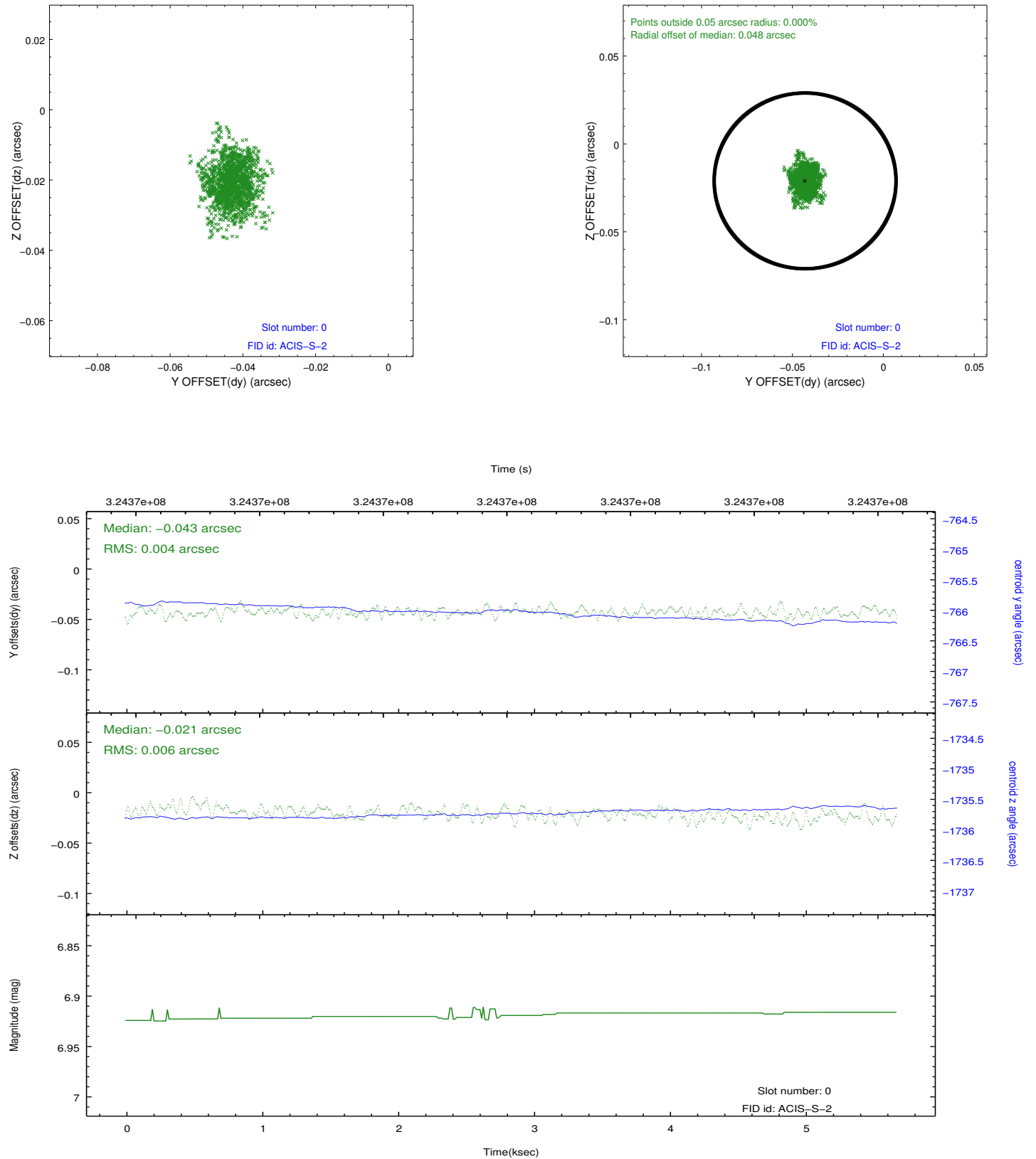


2.4.5 Slot 7

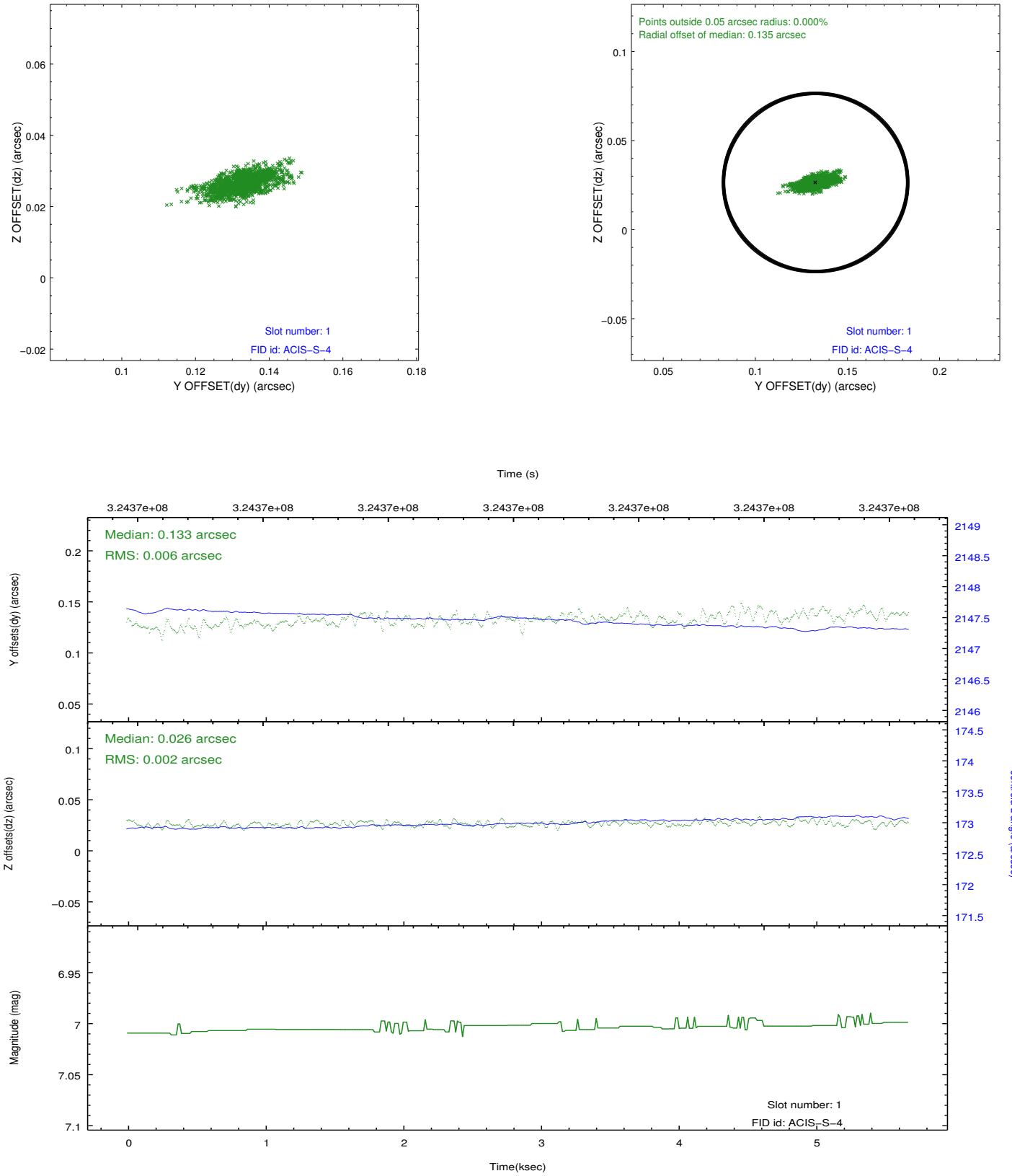


2.5 FID Slots

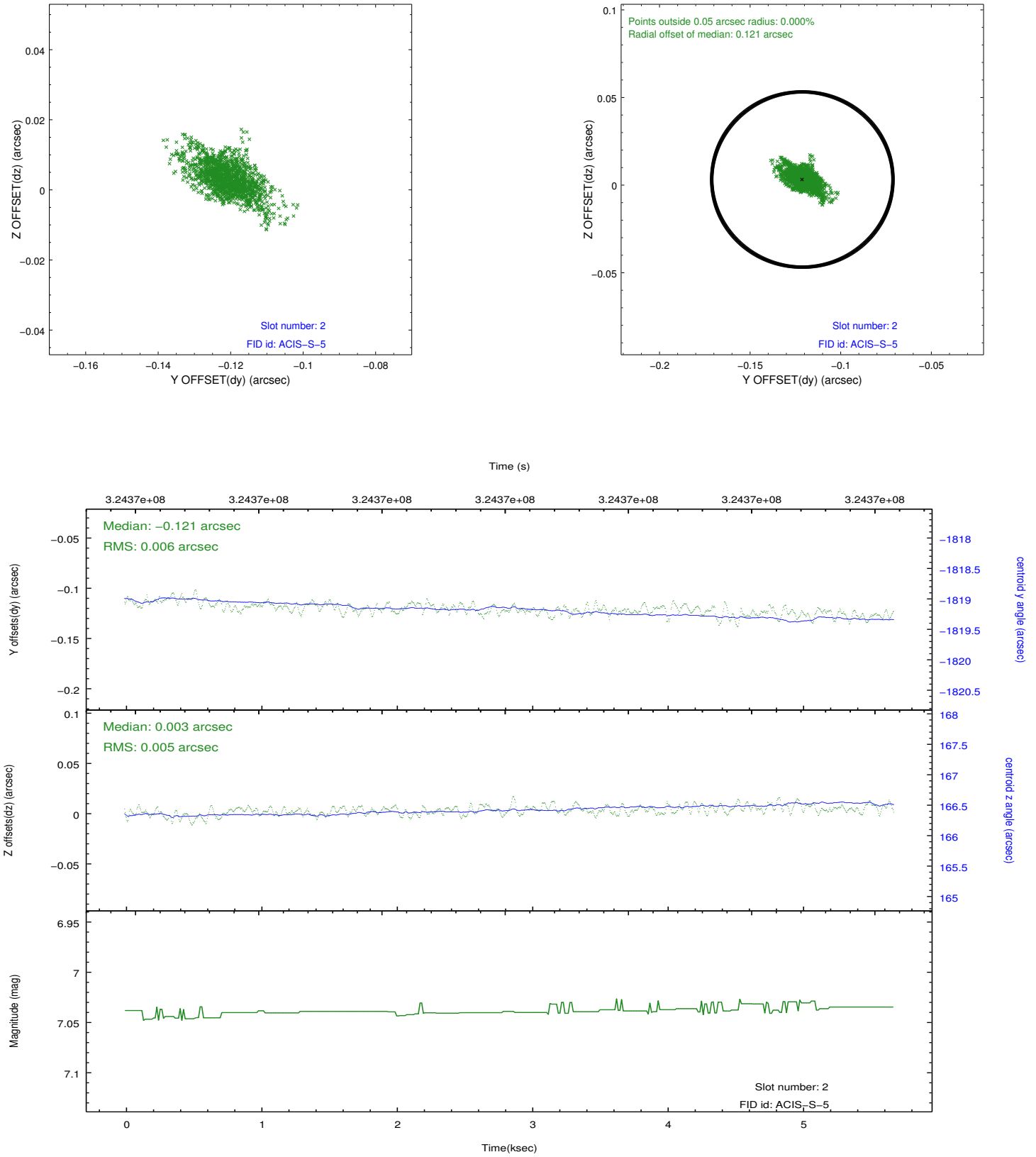
2.5.1 Slot 0



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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.67610004

A.2 Comments

Joint proposal with HST and Spitzer.