

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9187 - L2 Version 2
Chandra X-Ray Center

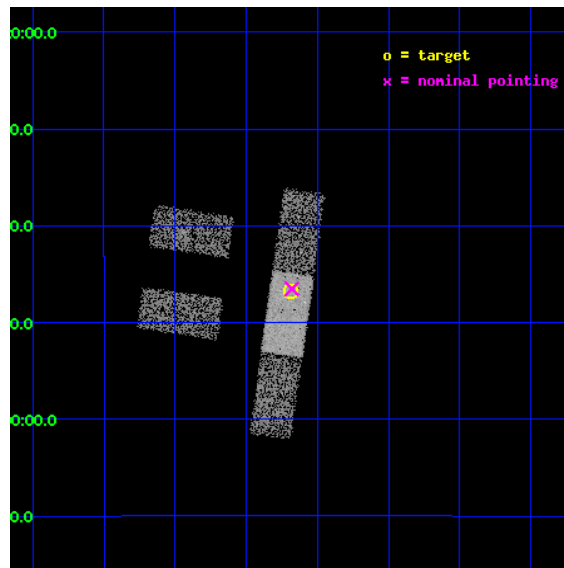
L2 Processing Date : May 11 2012

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1 Front

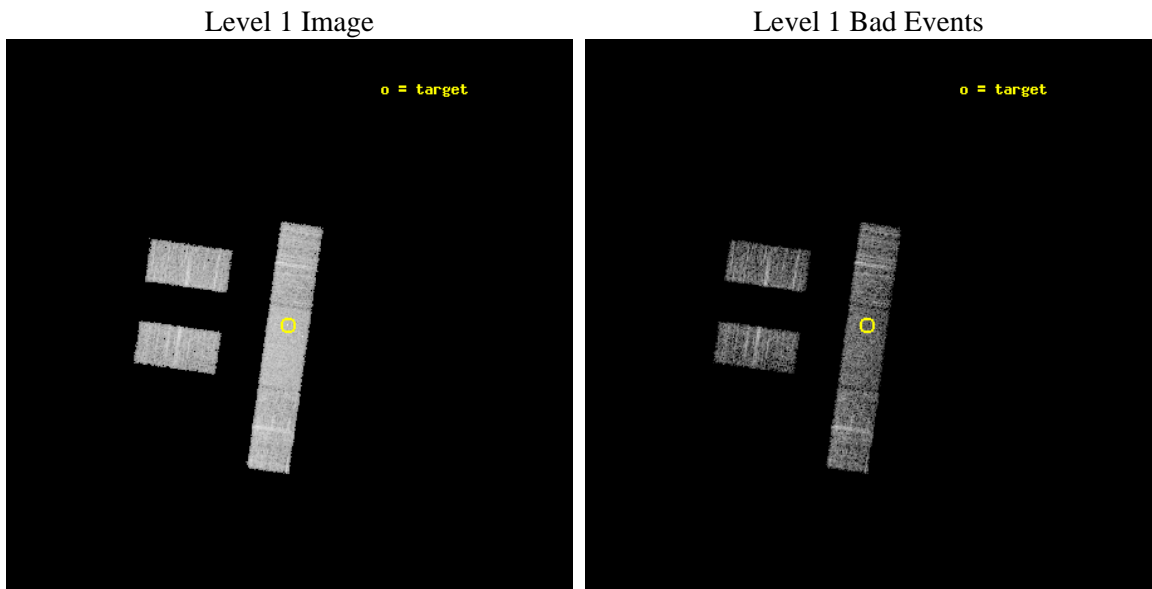
seq_num	701629	Sequence number
obs_id	9187	Observation id
title	Lower Luminosity AGNs at Cosmologically Interesting Redshifts: SEDs and Accretion Rates of $z \sim 0.36$ Seyferts	Proposal title
observer	Dr. Sarah Gallagher	Principal investigator
object	S04	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	315.547917	Observer's specified target RA [deg]
dec_targ	-6.779167	Observer's specified target Dec [deg]
ra_nom	315.54482549855	Nominal RA [deg]
dec_nom	-6.7753943954727	Nominal Dec [deg]
roll_nom	98.037646493005	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3864.0999729633	Sum of GTIs [s]
livetime	3773.0149531531	Livetime [s]
ontime2	3864.0999729633	Sum of GTIs [s]
ontime3	3864.0999729633	Sum of GTIs [s]
ontime6	3864.0999729633	Sum of GTIs [s]
ontime7	3864.0999729633	Sum of GTIs [s]
ontime8	3864.0999729633	Sum of GTIs [s]
l2events	19917	Number of level 2 events



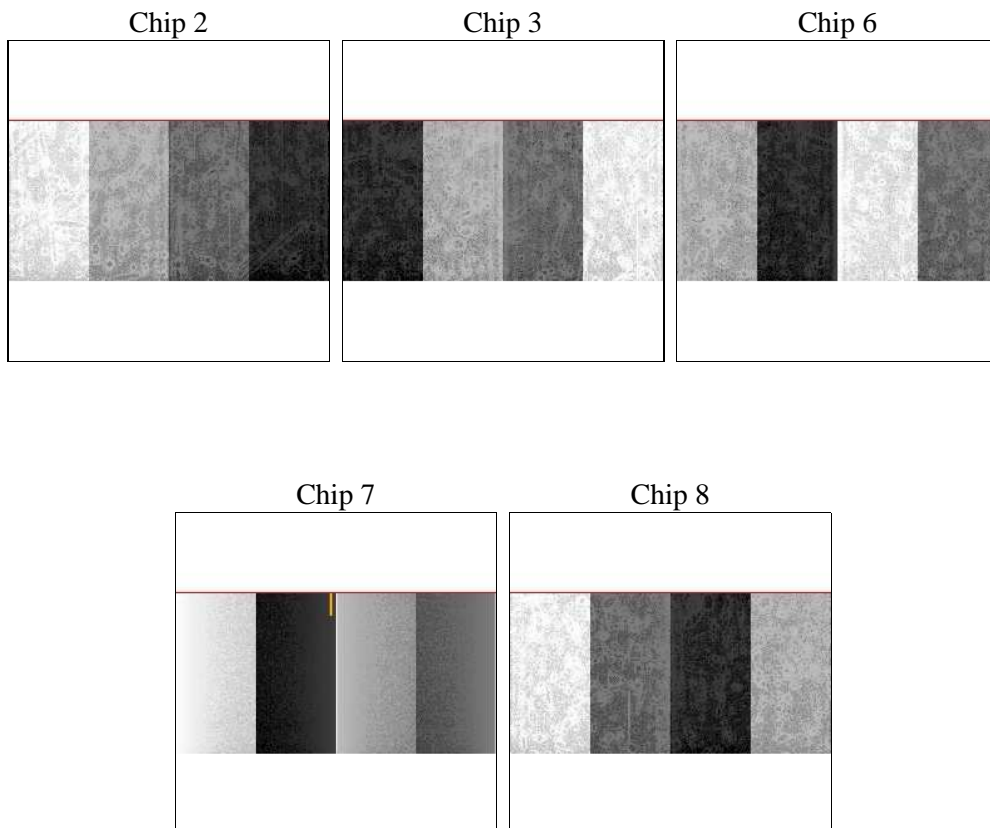
2 OBI

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	3864.0999729633	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	3864.0999729633	Sum of GTIs [s]
date	2012-05-12T00:16:12	Date and time of file creation	ontime3	3864.0999729633	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3864.0999729633	Sum of GTIs [s]
			ontime7	3864.0999729633	Sum of GTIs [s]
			ontime8	3864.0999729633	Sum of GTIs [s]
			l1events	118917	Number of level 1 events

2.1.4 Events

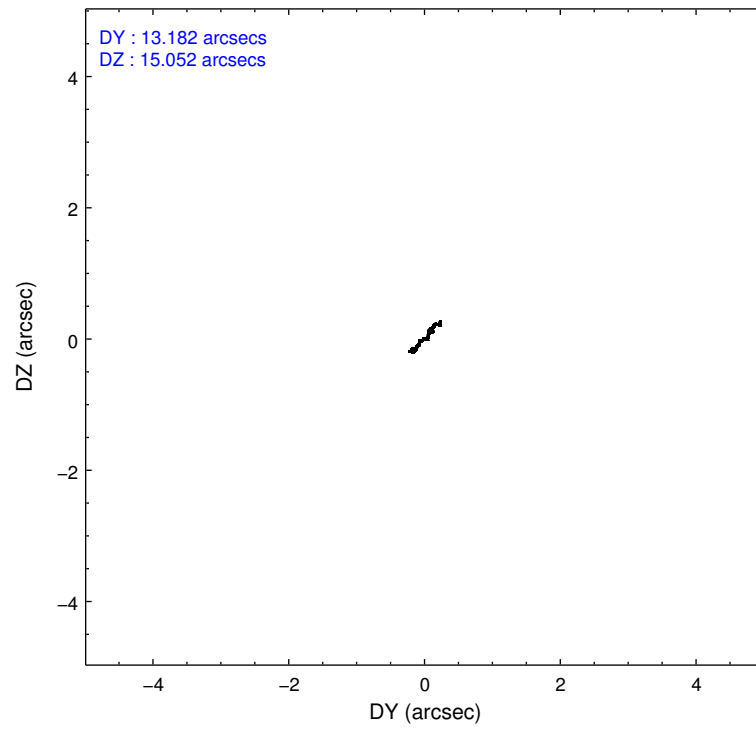
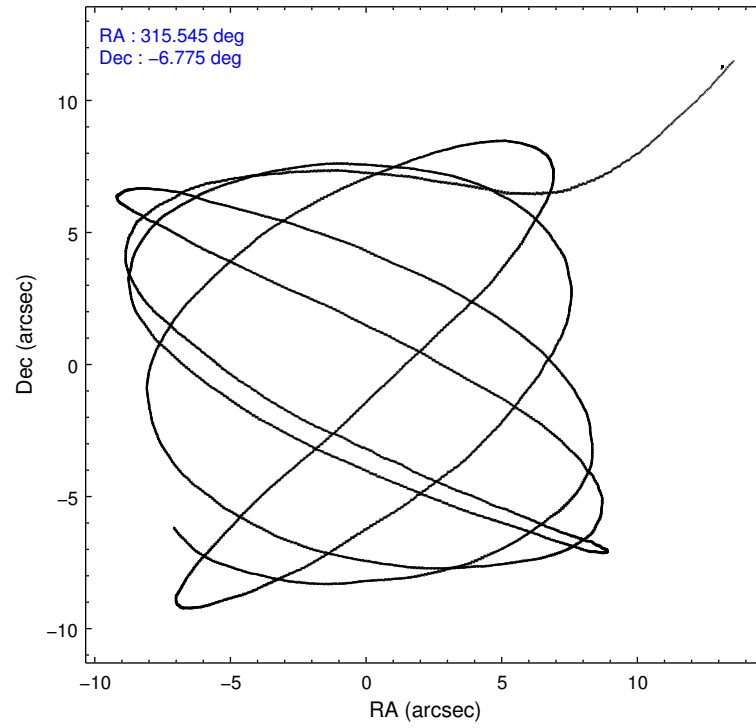
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	20504	20142	22284	28930	27057
rejected events	18086	17762	19750	17321	21352
rejected %	88%	88%	88%	59%	78%

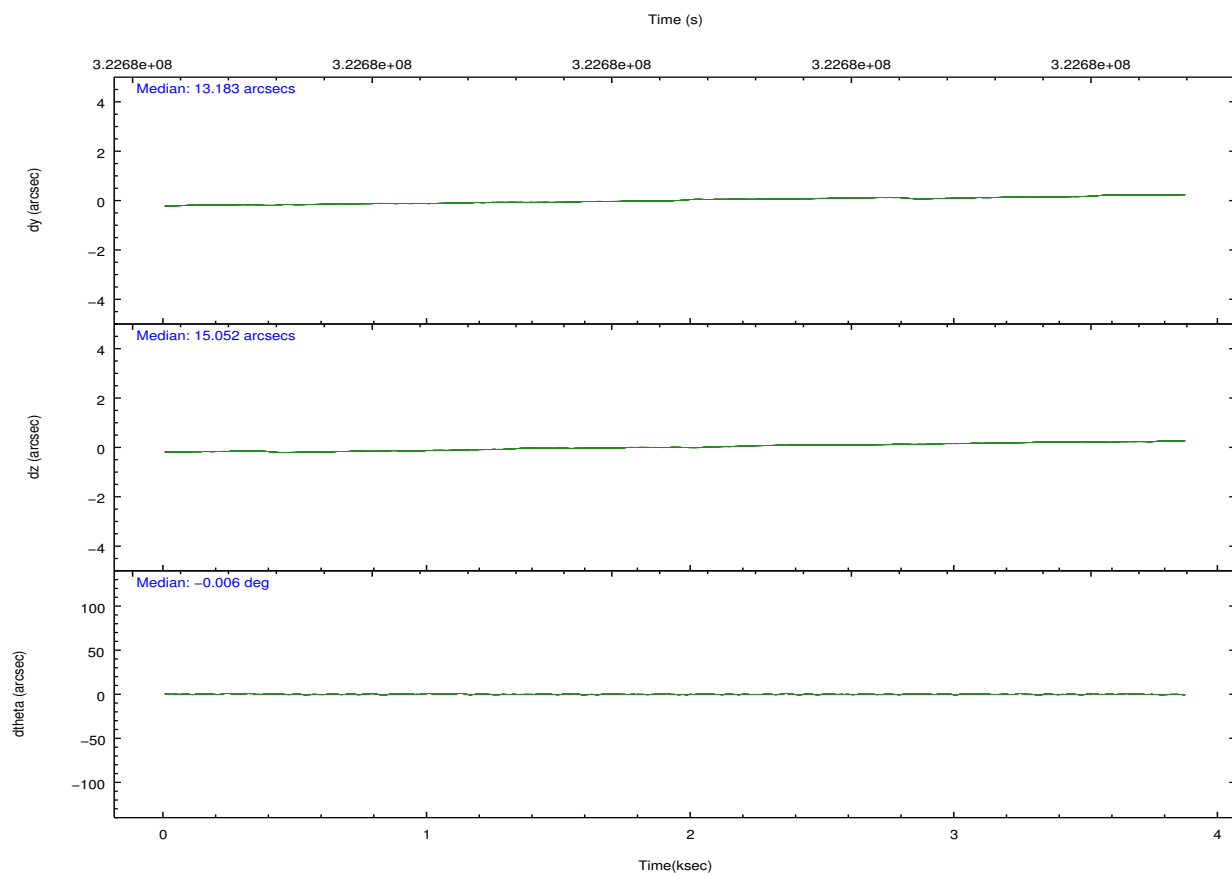
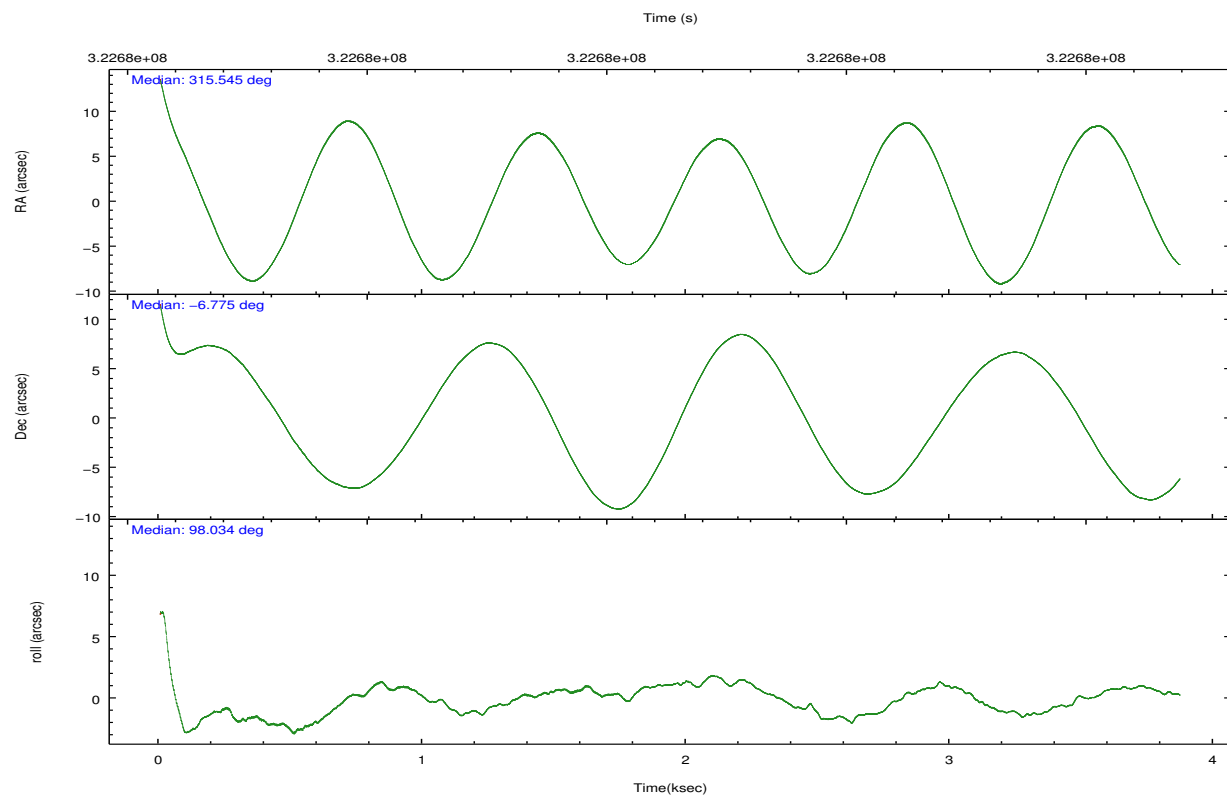
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1138	1029	1059	1183	1869
	5%	5%	4%	4%	6%
grade 1 events	9	8	12	30	17
	0%	0%	0%	0%	0%
grade 2 events	459	506	581	2533	1373
	2%	2%	2%	8%	5%
grade 3 events	283	251	257	1201	663
	1%	1%	1%	4%	2%
grade 4 events	300	279	304	1202	649
	1%	1%	1%	4%	2%
grade 5 events	828	963	1032	2693	1327
	4%	4%	4%	9%	4%
grade 6 events	404	467	524	6301	1472
	1%	2%	2%	21%	5%
grade 7 events	17083	16639	18515	13787	19687
	83%	82%	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	315.562054	315.54482549855	CCD I2 on	O1	Y
[deg] Pointing Dec	-6.796739	-6.775394395472679	CCD I3 on	Y	Y
[deg] Pointing Roll	97.883035	98.03764649300456	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	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	Y	Y
[s] Observation start time (MET)	322675506.184000	322674572.01198	CCD S5 on	N	N
Observation start date	2008-03-23T16:04:01	2008-03-23T15:49:32	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	322679206.184000	322680300.73726	On-chip summing requested	N	N
Observation end date	2008-03-23T17:05:41	2008-03-23T17:25:00	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



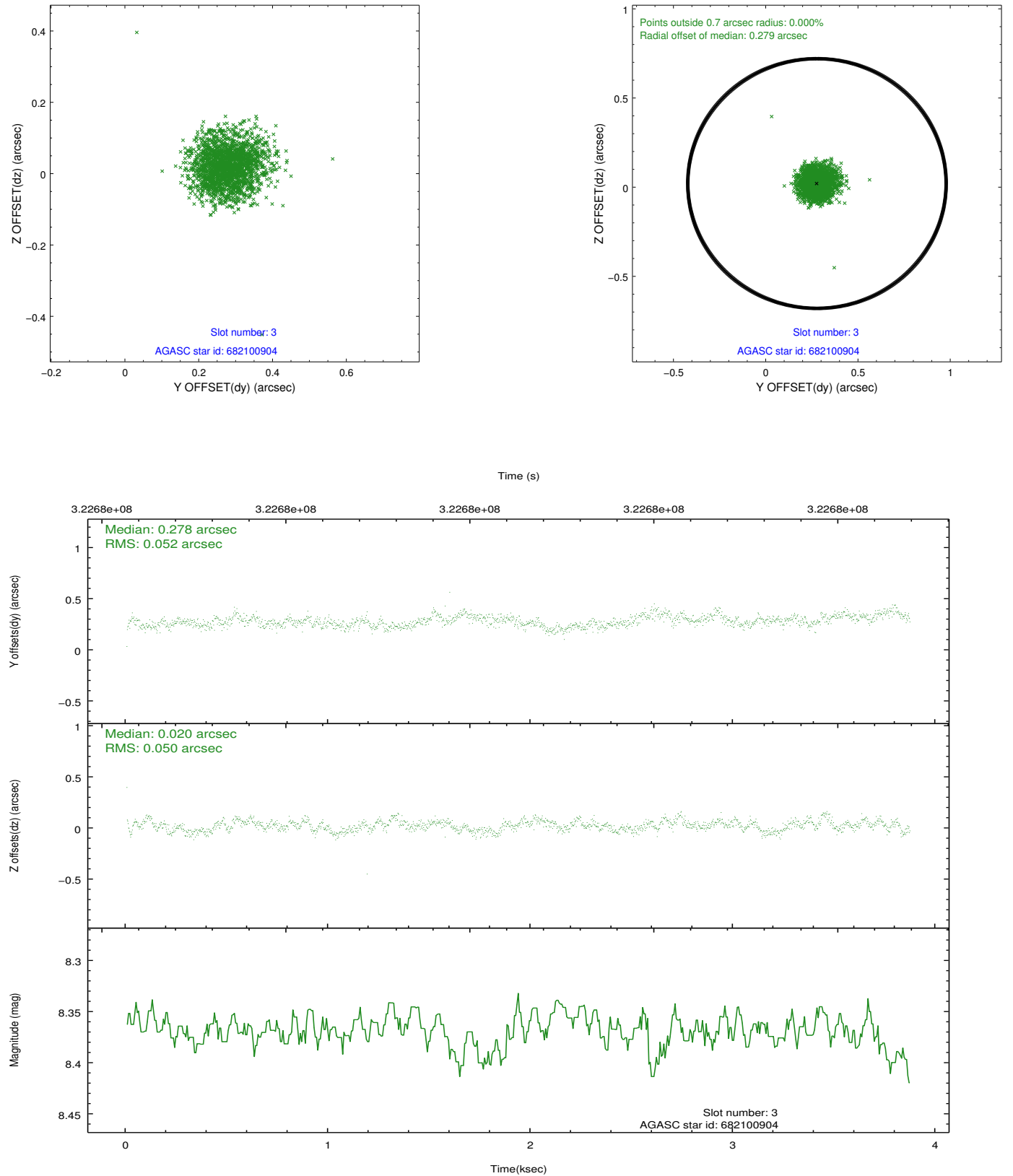


Slot Statistics

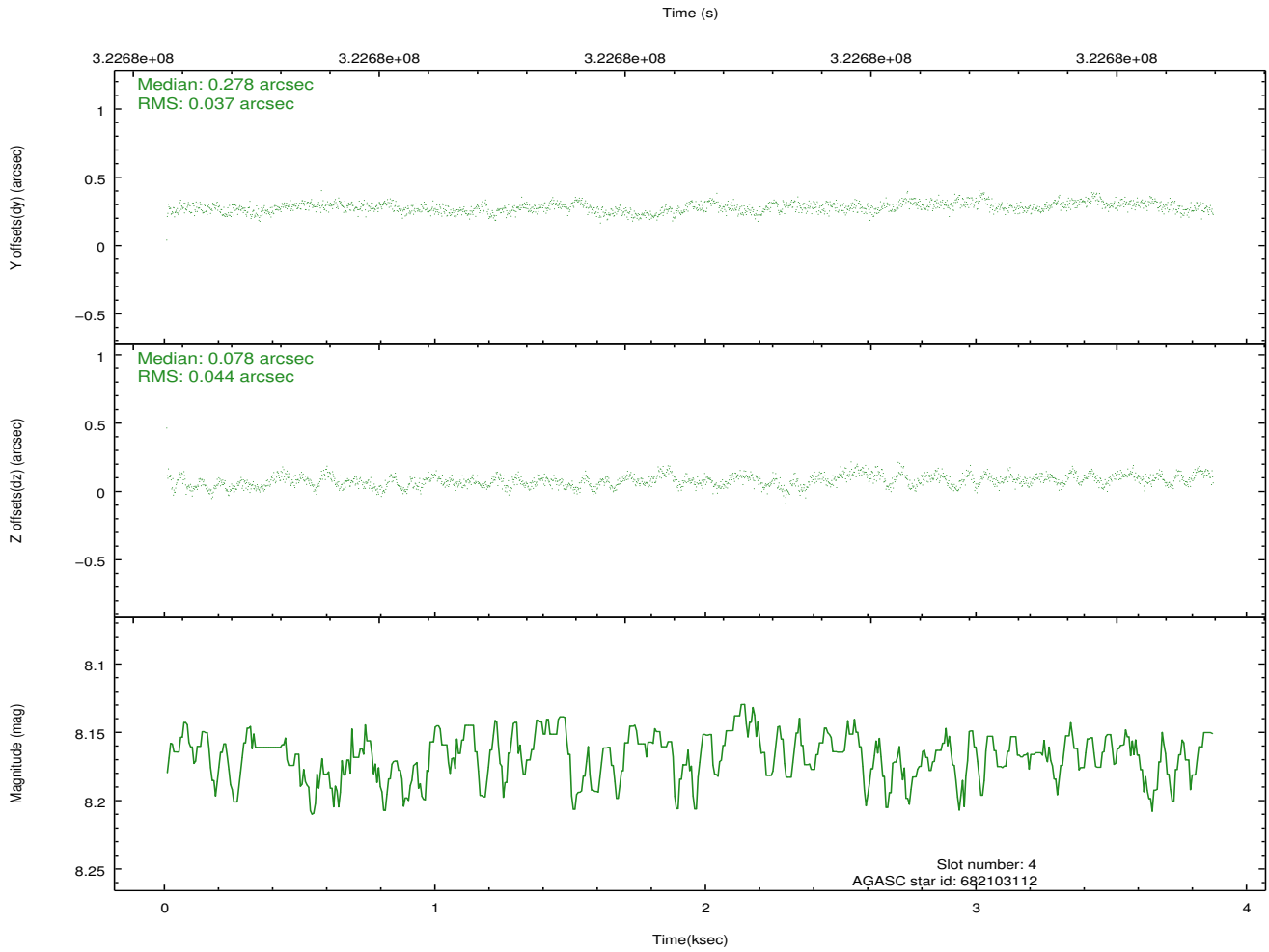
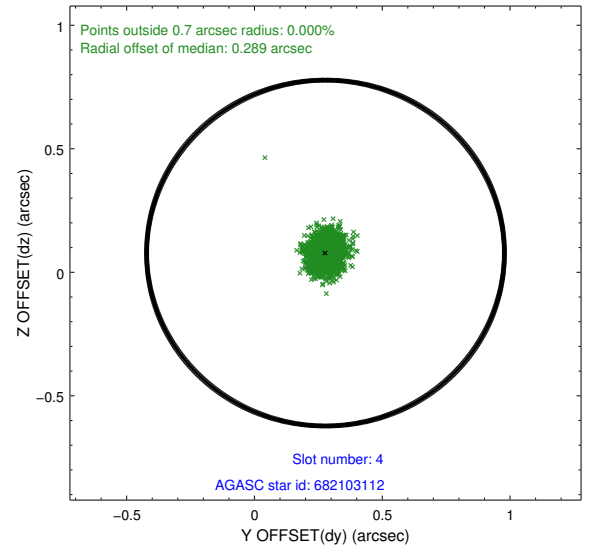
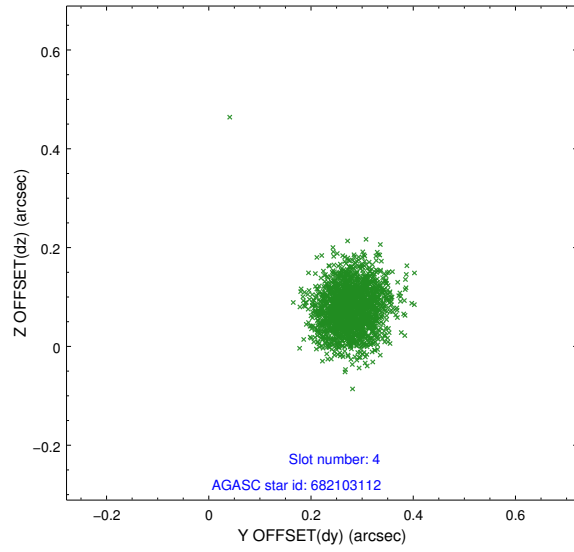
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	944	0.042	-0.050	0.009	0.014	0.000000	0.000000	929.98	-1732.12
1	FID	ACIS-S-4	7.19	944	0.129	0.019	0.008	0.013	0.000000	0.000000	2148.35	170.44
2	FID	ACIS-S-5	7.22	943	-0.198	0.043	0.009	0.015	0.000000	0.000000	-1817.07	165.86
3	GUIDE	682100904	8.37	1888	0.278	0.020	0.077	0.121	315.739109	-7.321488	-1957.66	-367.51
4	GUIDE	682103112	8.17	1887	0.278	0.078	0.061	0.097	316.102938	-7.048664	-1165.24	-1789.68
5	GUIDE	682106992	9.24	1885	-0.091	-0.116	0.126	0.200	315.018856	-6.222152	2313.66	1641.72
6	GUIDE	682107992	9.10	1888	-0.358	0.110	0.098	0.154	315.918952	-6.242623	1801.39	-1537.32
7	GUIDE	680407136	9.29	1885	-0.109	-0.092	0.083	0.141	314.922893	-6.228037	2341.09	1984.88

2.4 Star Slots

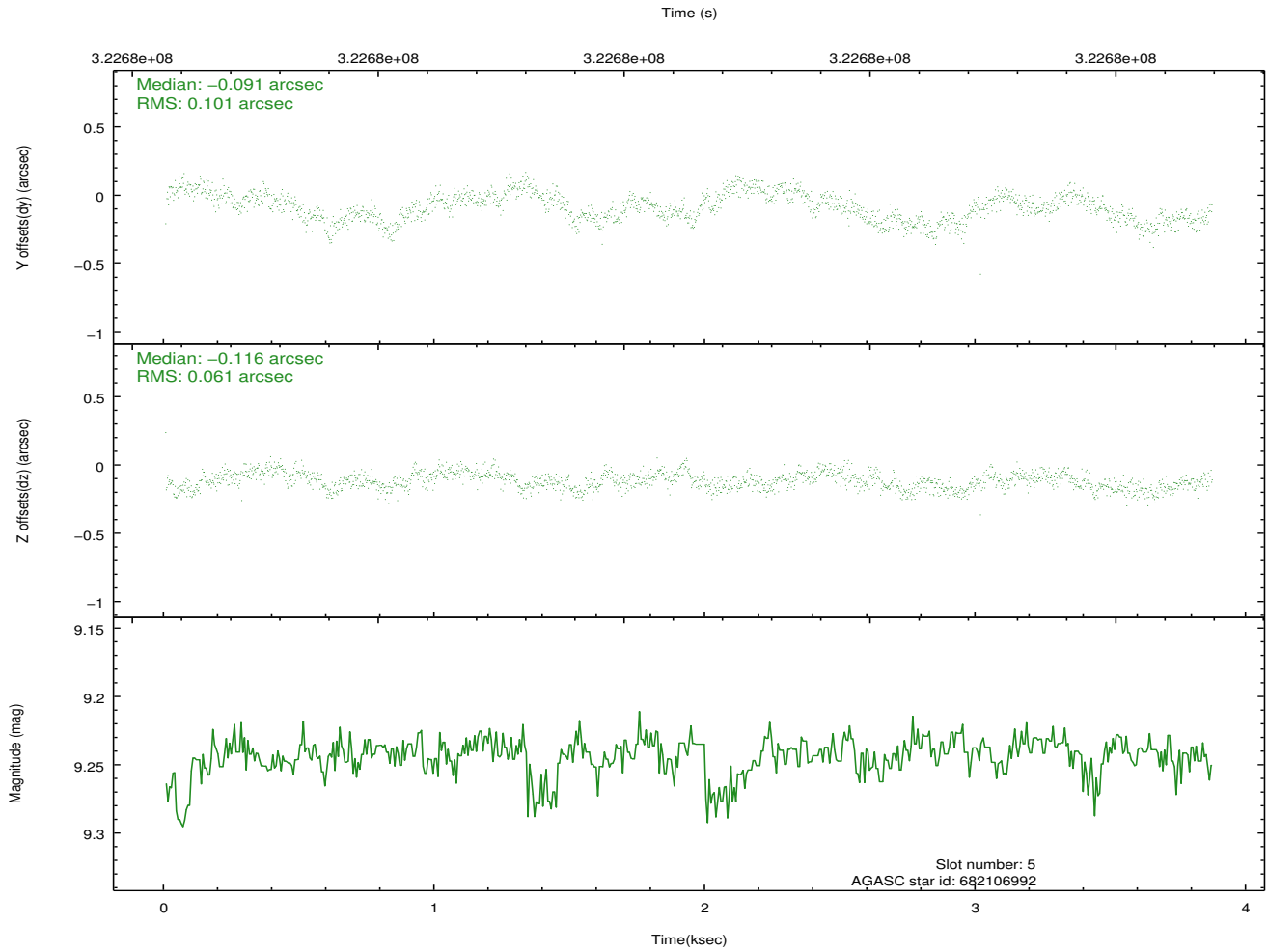
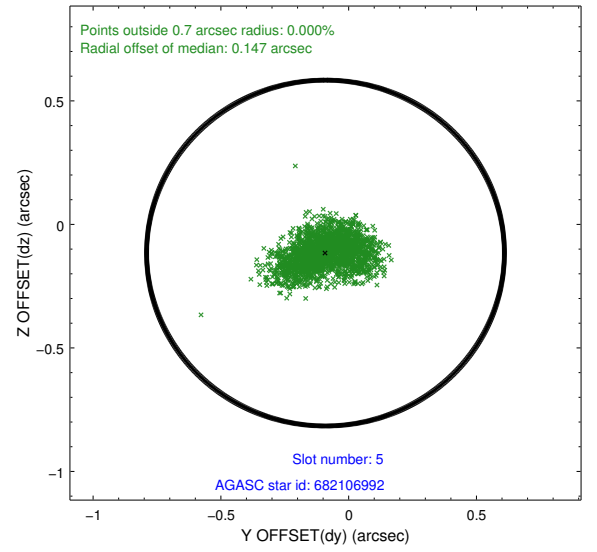
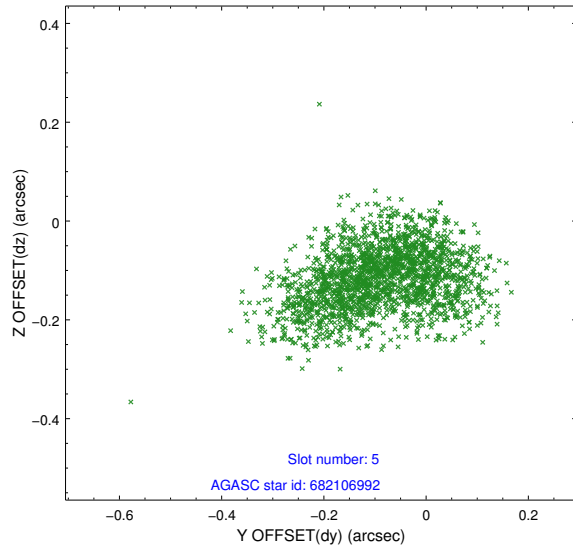
2.4.1 Slot 3



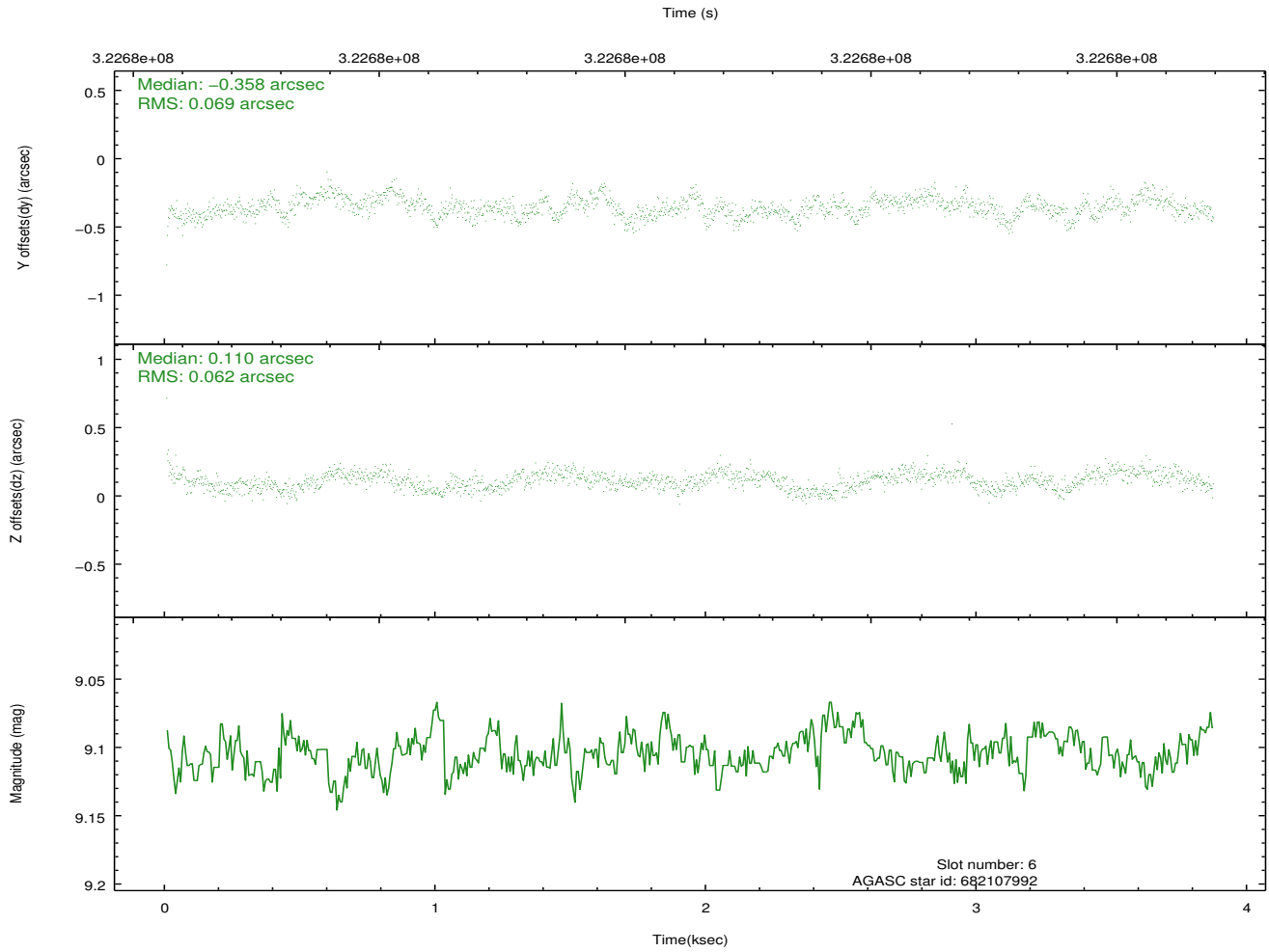
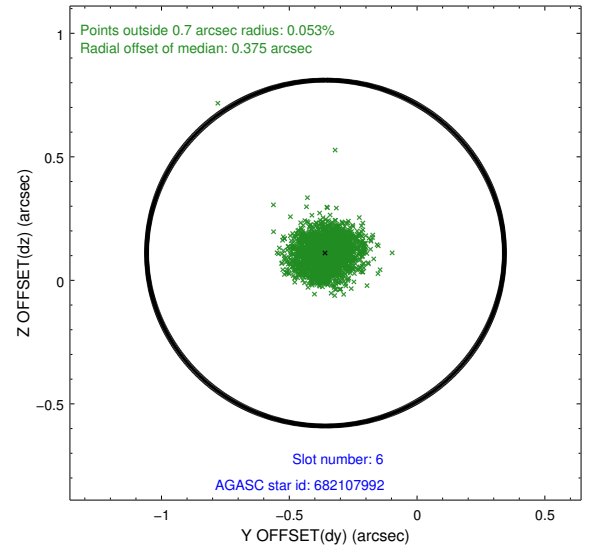
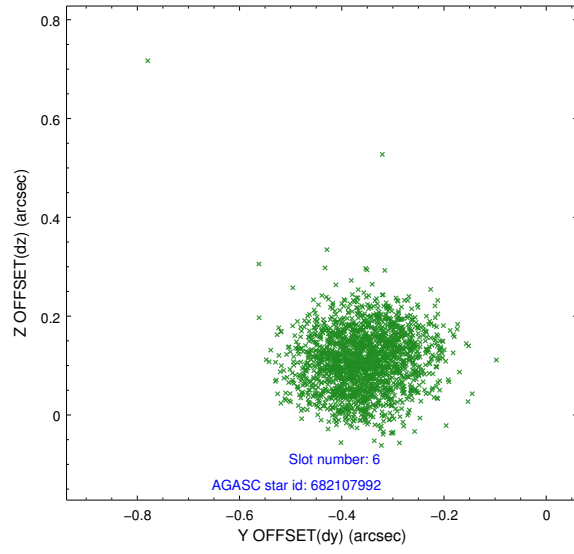
2.4.2 Slot 4



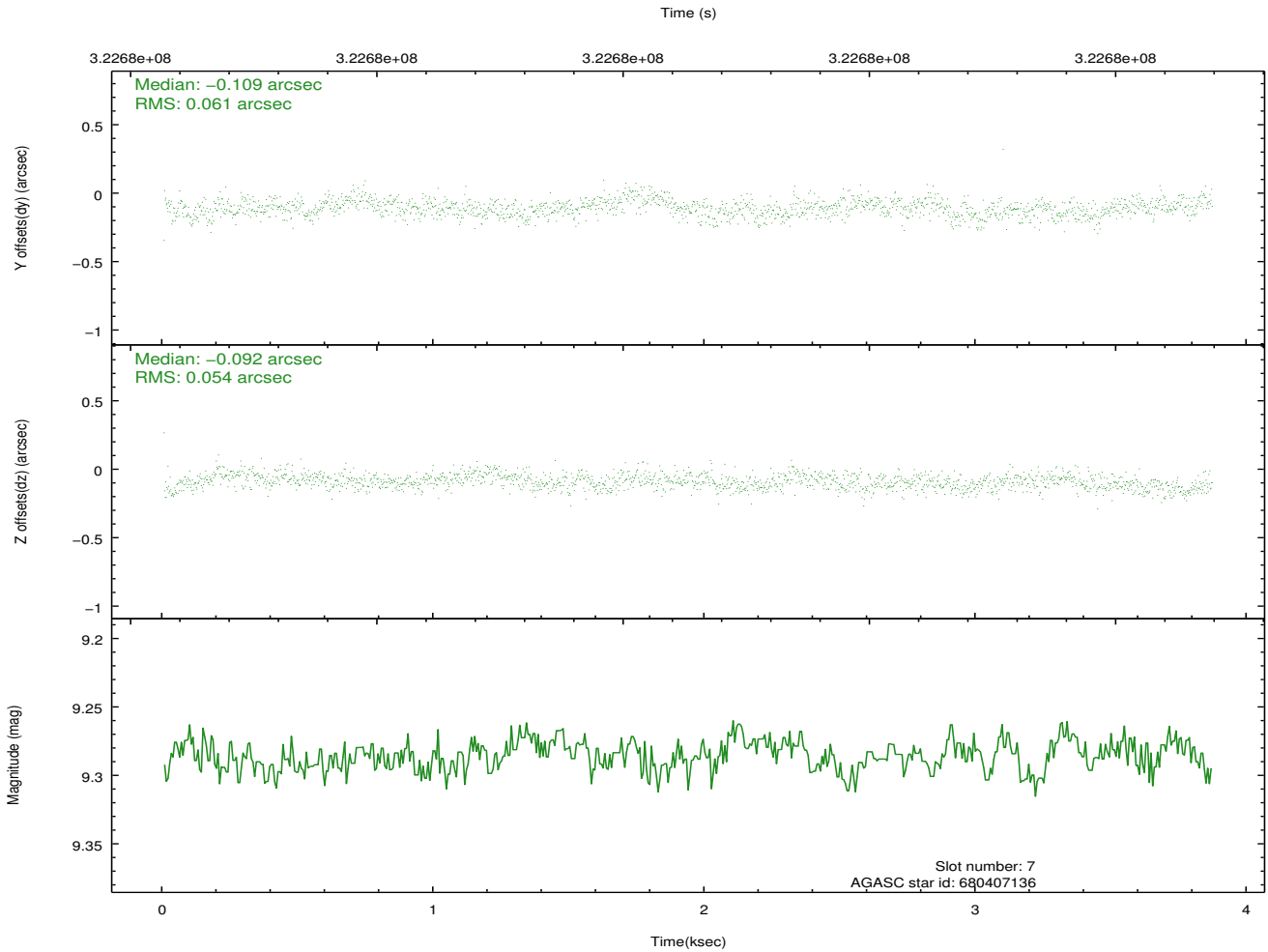
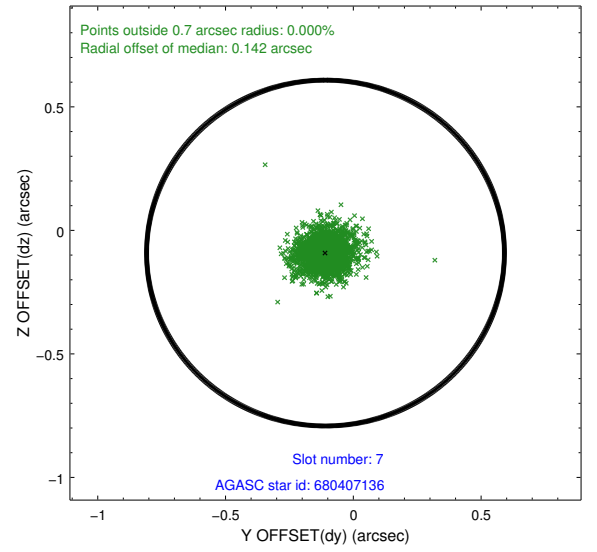
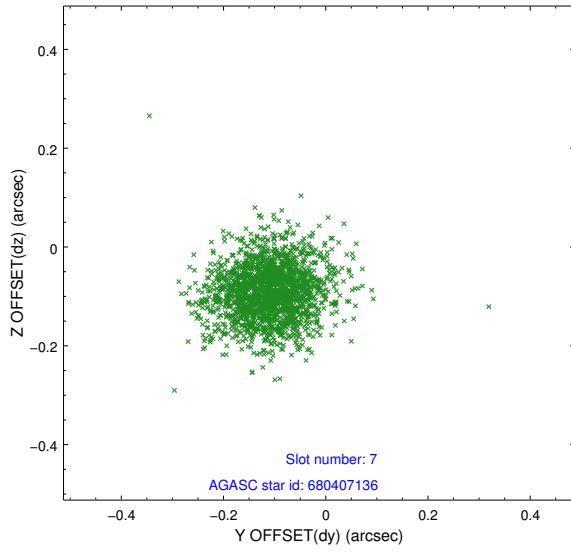
2.4.3 Slot 5



2.4.4 Slot 6

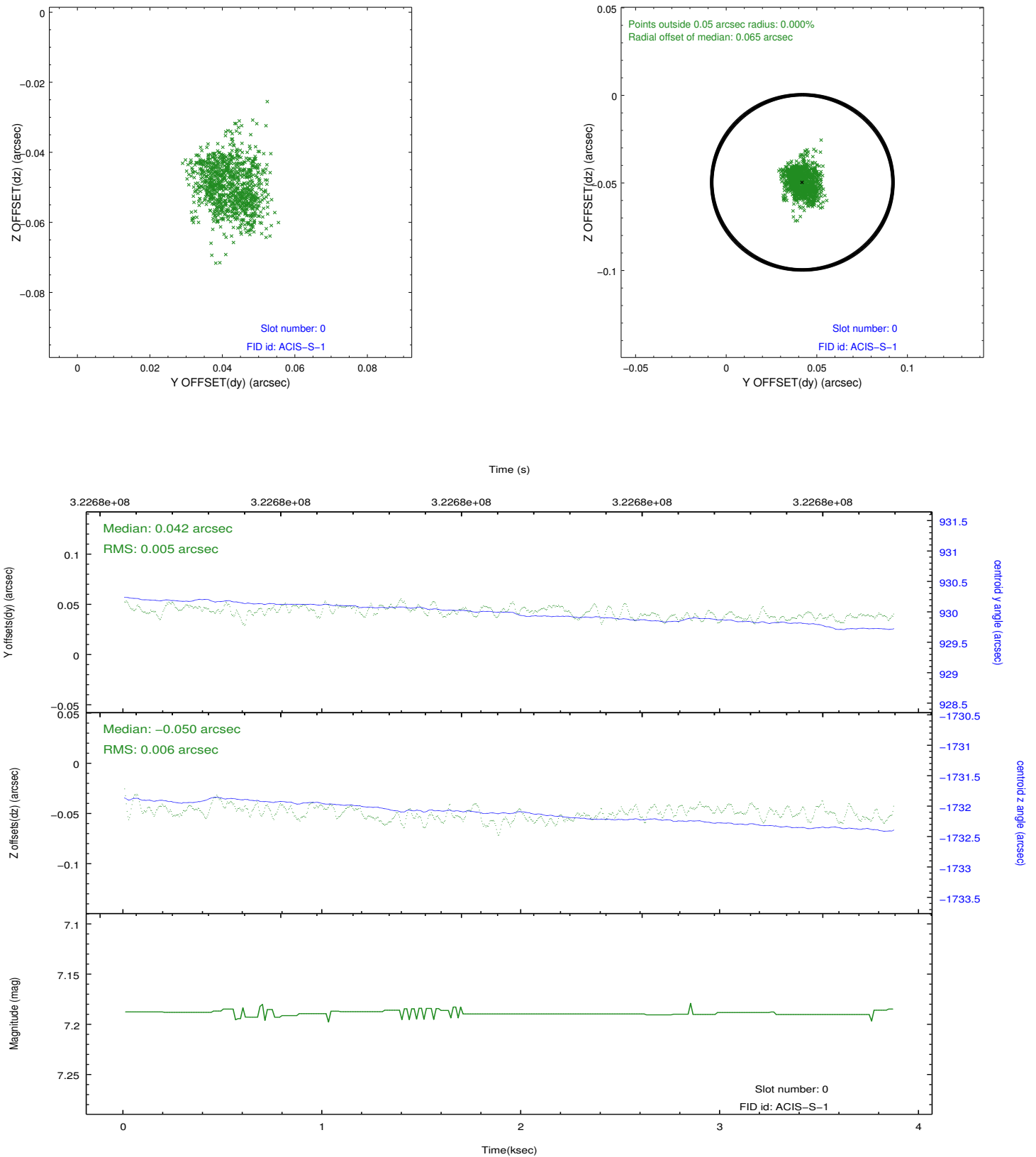


2.4.5 Slot 7

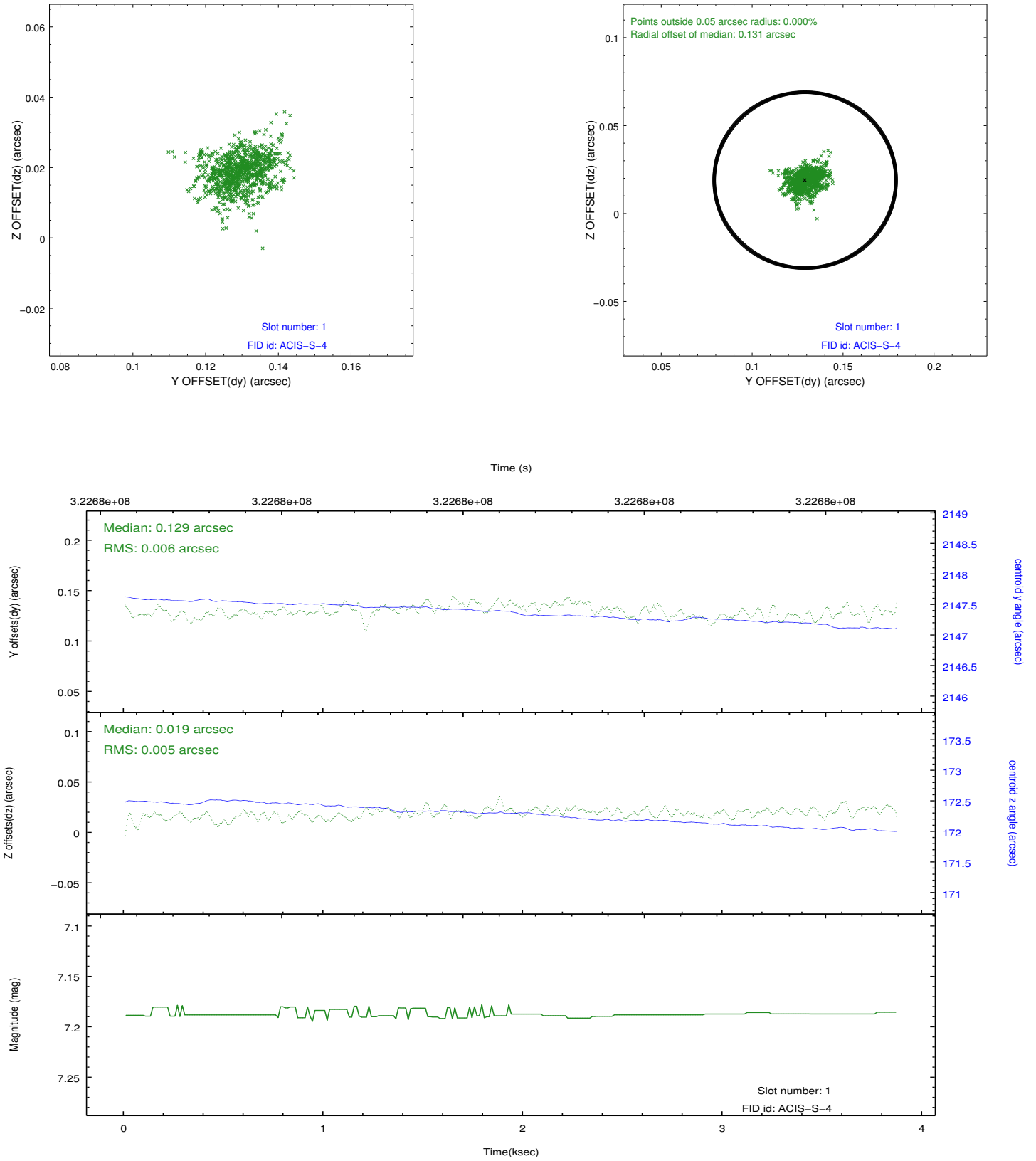


2.5 FID Slots

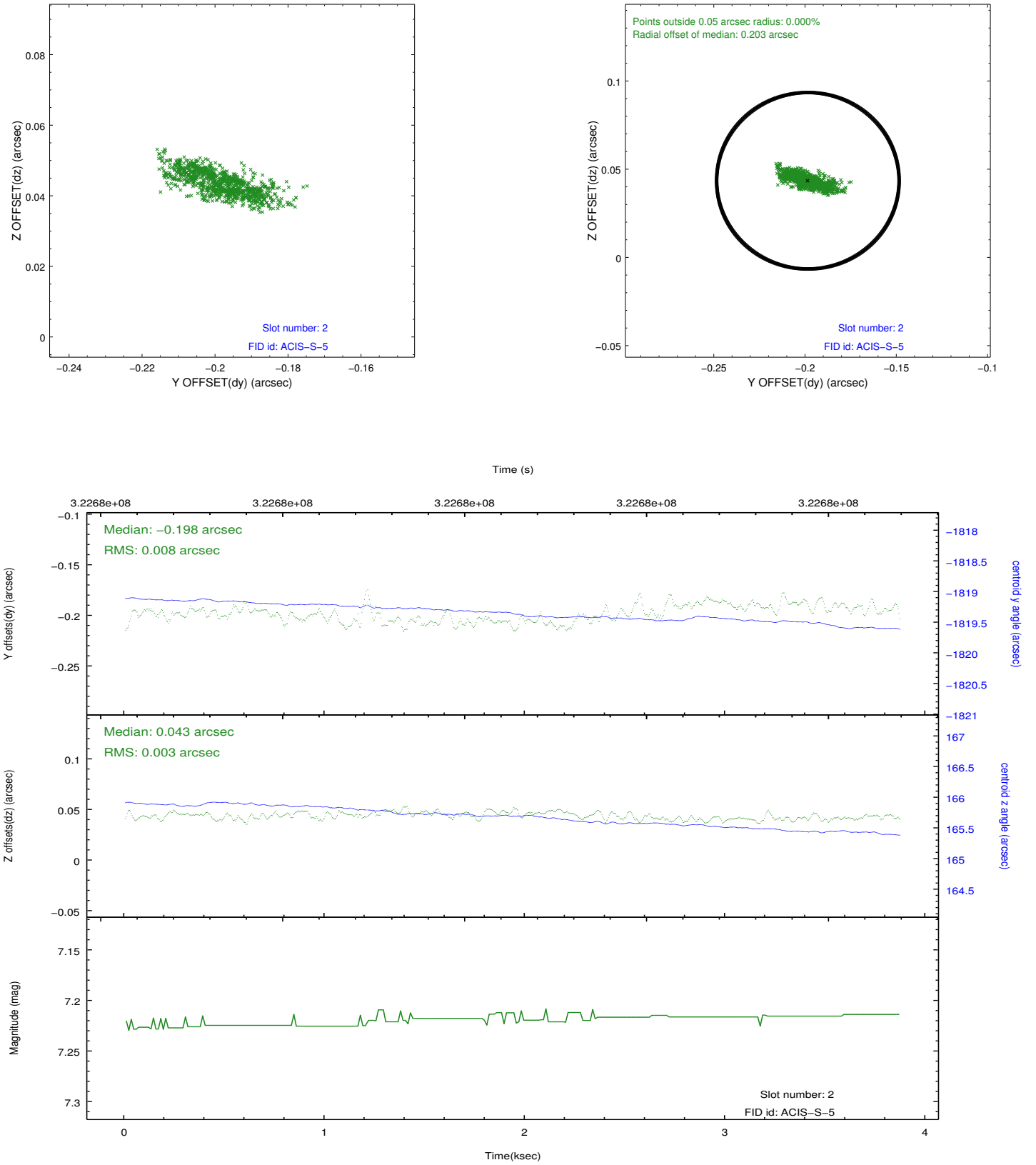
2.5.1 Slot 0



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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.86409997

A.2 Comments

Joint proposal with Spitzer and HST.