

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1520 - L2 Version 4
Chandra X-Ray Center

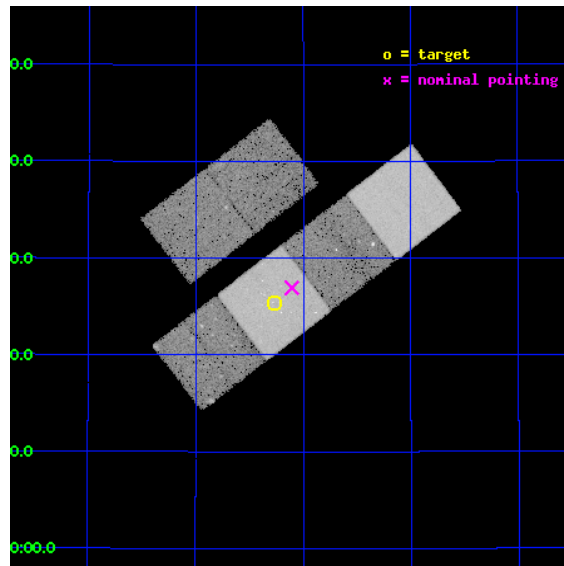
L2 Processing Date : Aug 22 2012

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1 Front

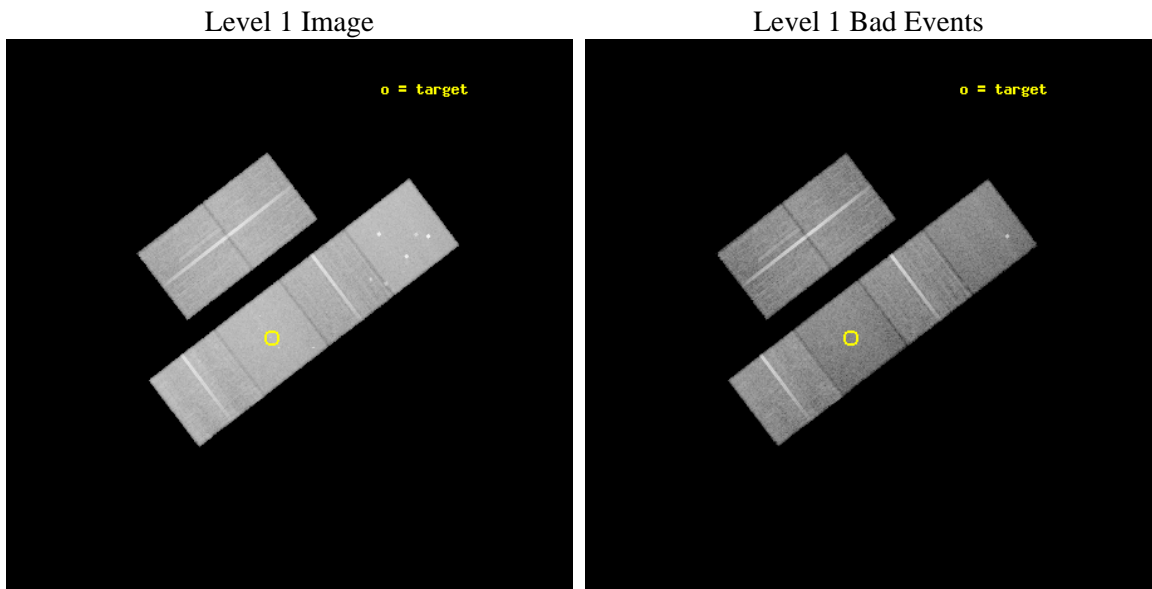
seq_num	570470	Sequence number
obs_id	1520	Observation id
title	FOLLOW-UP OBSERVATIONS OF SN1999GI IN NGC 3184	Proposal title
observer	Dr. Eric Schlegel	Principal investigator
object	NGC 3184	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.566667	Observer's specified target RA [deg]
dec_targ	41.423333	Observer's specified target Dec [deg]
ra_nom	154.52650056413	Nominal RA [deg]
dec_nom	41.448904480381	Nominal Dec [deg]
roll_nom	142.51535843179	Nominal Roll [deg]
revision	4	Processing version of data
ontime	24032.000022382	Sum of GTIs [s]
livetime	23727.692367765	Livetime [s]
ontime2	24032.000022382	Sum of GTIs [s]
ontime3	24032.000022382	Sum of GTIs [s]
ontime5	24032.000022382	Sum of GTIs [s]
ontime6	24032.000022382	Sum of GTIs [s]
ontime7	24032.000022382	Sum of GTIs [s]
ontime8	24032.000022382	Sum of GTIs [s]
l2events	283410	Number of level 2 events



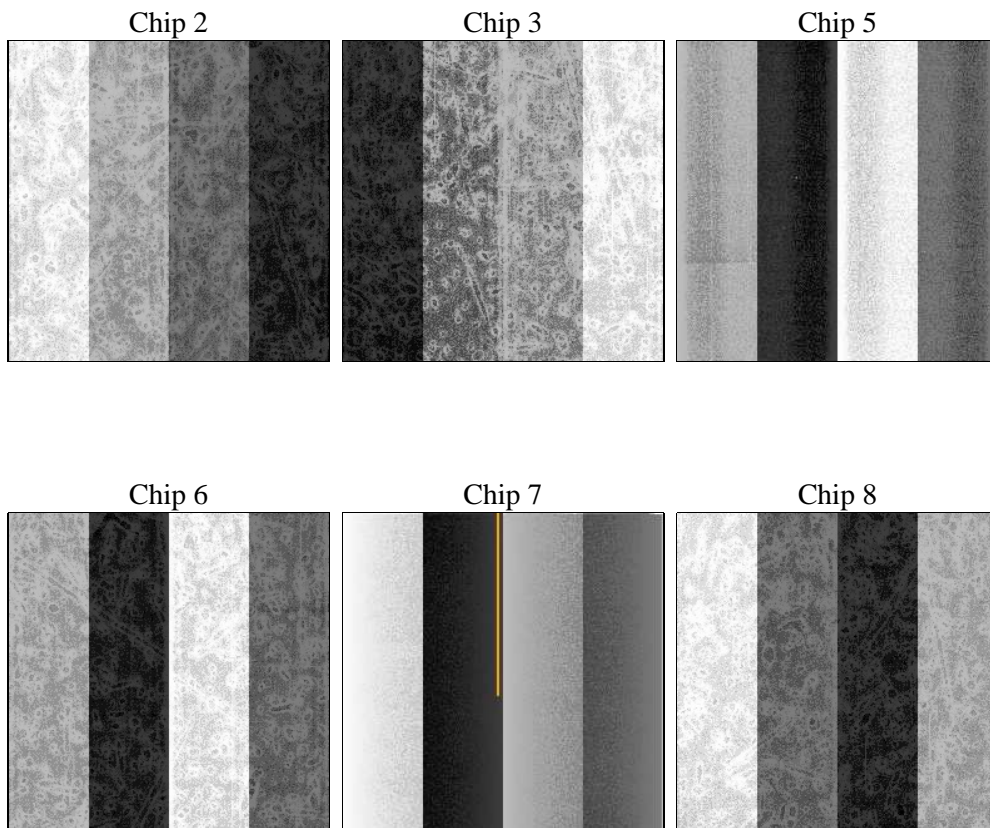
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	24032.000022382	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	24032.000022382	Sum of GTIs [s]
date	2012-08-22T01:13:32	Date and time of file creation	ontime3	24032.000022382	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	24032.000022382	Sum of GTIs [s]
			ontime6	24032.000022382	Sum of GTIs [s]
			ontime7	24032.000022382	Sum of GTIs [s]
			ontime8	24032.000022382	Sum of GTIs [s]
			l1events	1326706	Number of level 1 events

2.1.4 Events

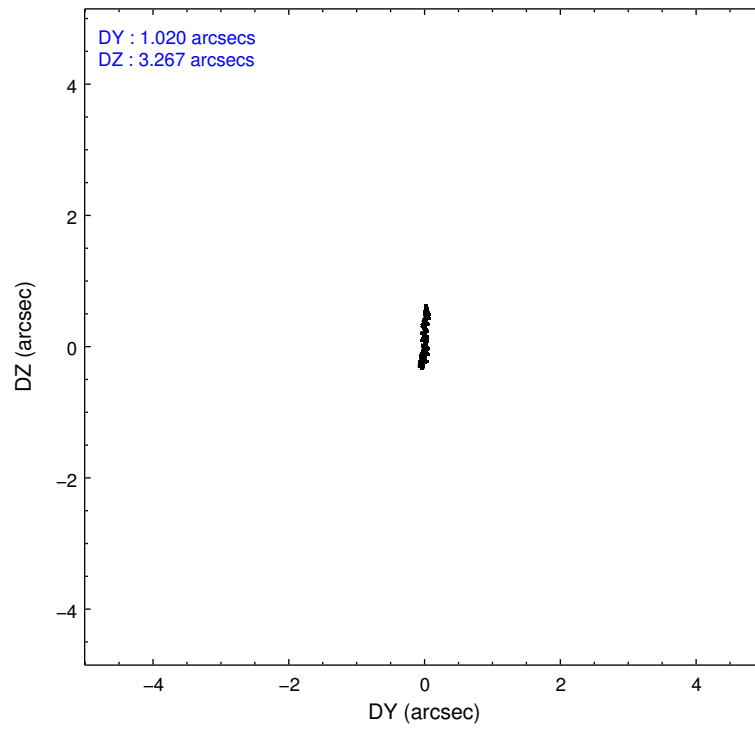
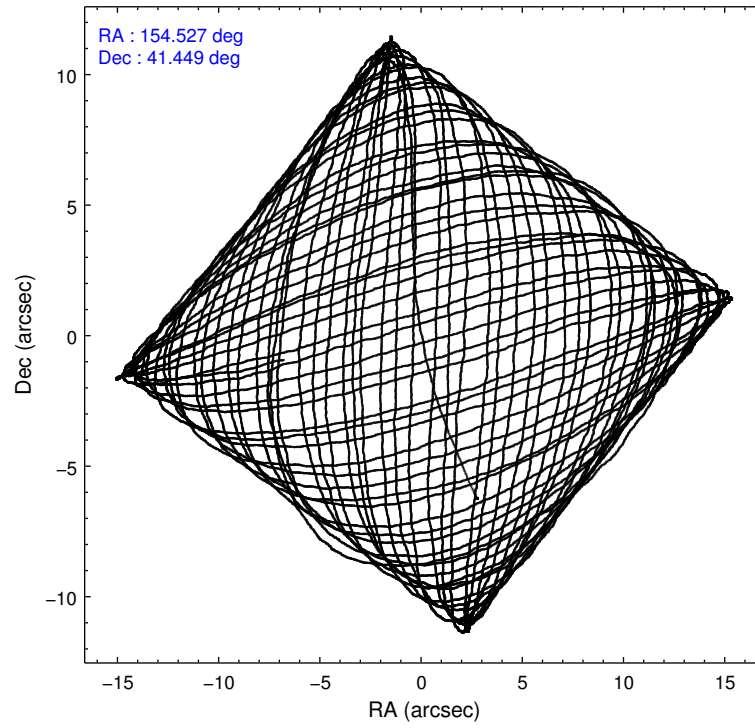
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	206936	196903	255799	198529	230366	238173	grade 0 events	8209	8815	16352	9012	11192	14701
rejected events	187363	176976	132141	177519	127373	193281		3%	4%	6%	4%	4%	6%
rejected %	90%	89%	51%	89%	55%	81%	grade 1 events	87	102	326	88	228	152
								0%	0%	0%	0%	0%	0%
							grade 2 events	4181	3906	35756	4028	20532	9482
								2%	1%	13%	2%	8%	3%
							grade 3 events	1939	1948	5693	2127	9464	4910
								0%	0%	2%	1%	4%	2%
							grade 4 events	1904	1963	5422	2058	9643	4517
								0%	0%	2%	1%	4%	1%
							grade 5 events	5940	6482	19304	7009	21642	8832
								2%	3%	7%	3%	9%	3%
							grade 6 events	3345	3300	60467	3790	52187	11300
								1%	1%	23%	1%	22%	4%
							grade 7 events	181331	170387	112479	170417	105478	184279
								87%	86%	43%	85%	45%	77%

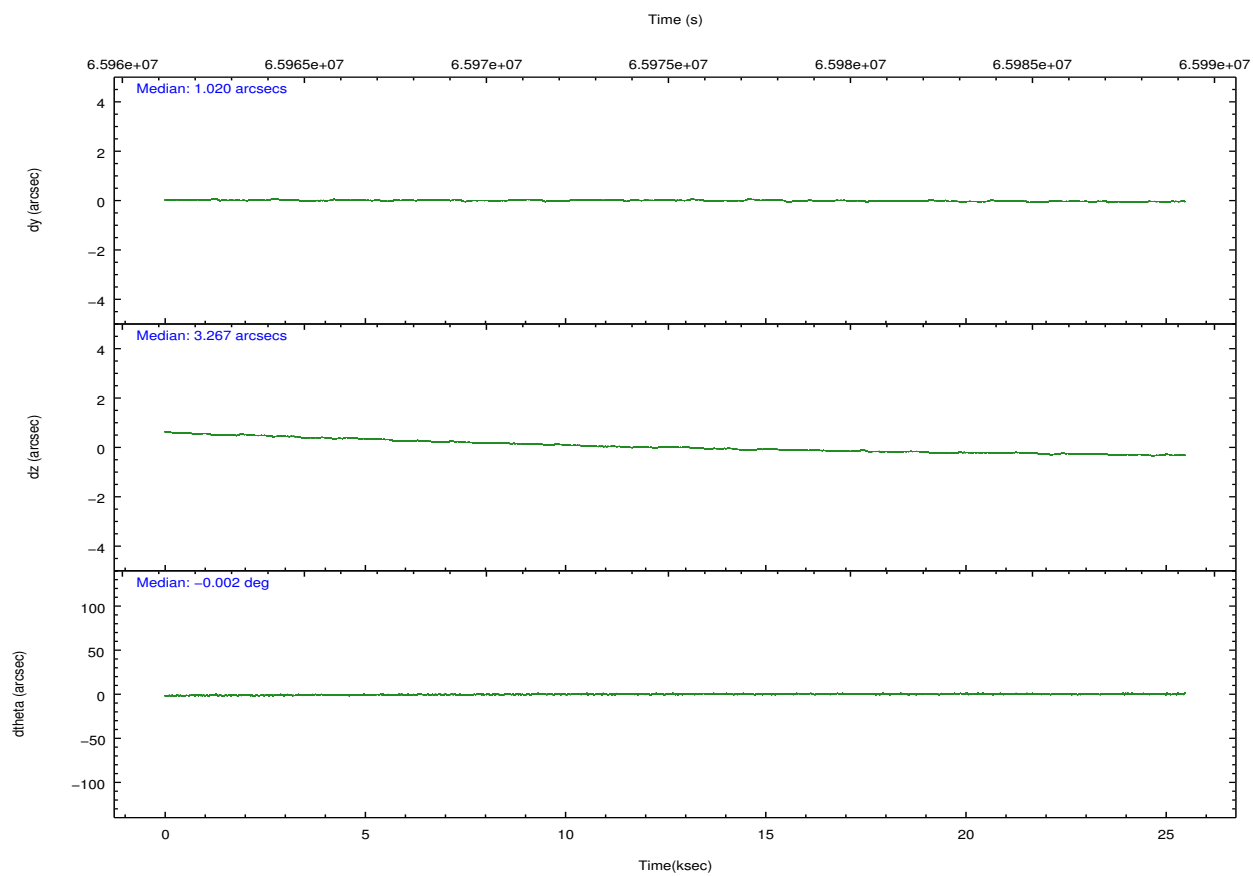
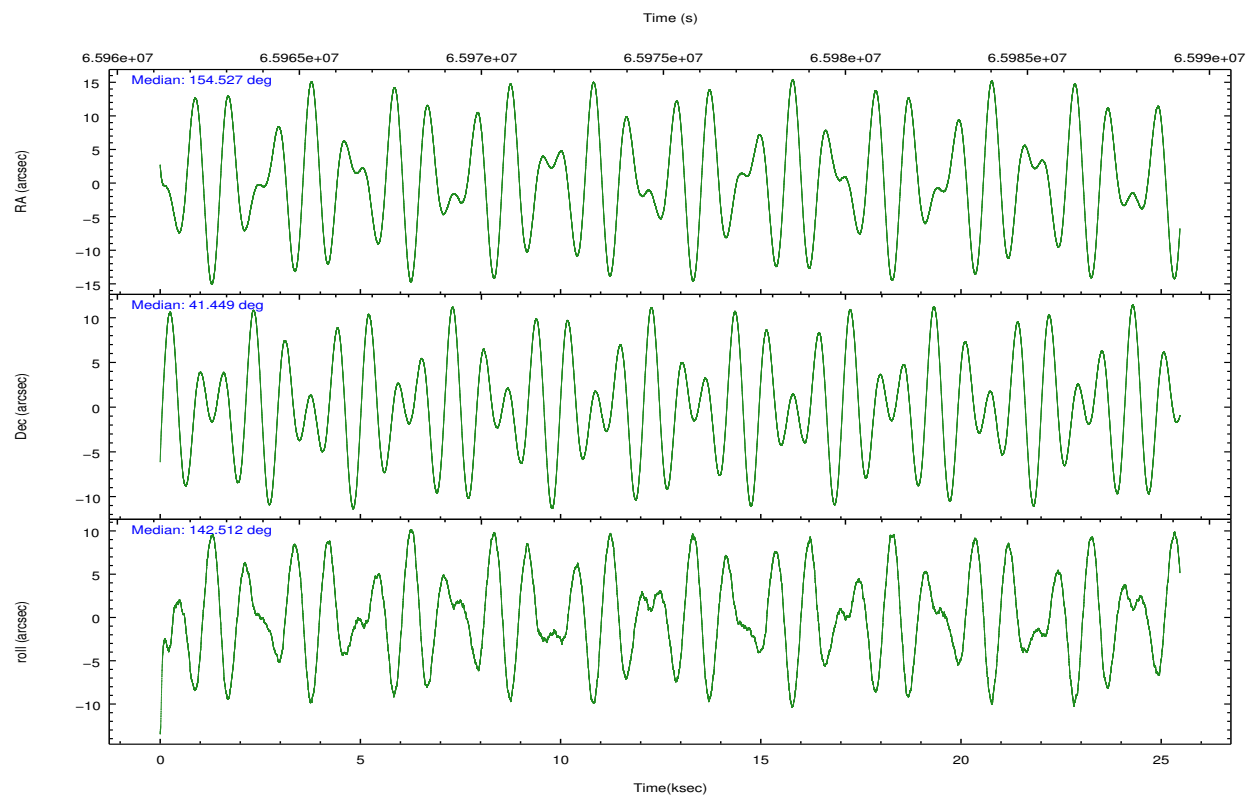
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-235678	ACIS-235678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	154.562895	154.5265005641324
[deg] Pointing Dec	41.445309	41.44890448038107
[deg] Pointing Roll	142.334643	142.5153584317923
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	65962916.184000	65961734.390372
Observation start date	2000-02-03T11:00:52	2000-02-03T10:42:14
[s] Observation end time (MET)	65987916.184000	65988605.79135
Observation end date	2000-02-03T17:57:32	2000-02-03T18:10:05
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Aspect



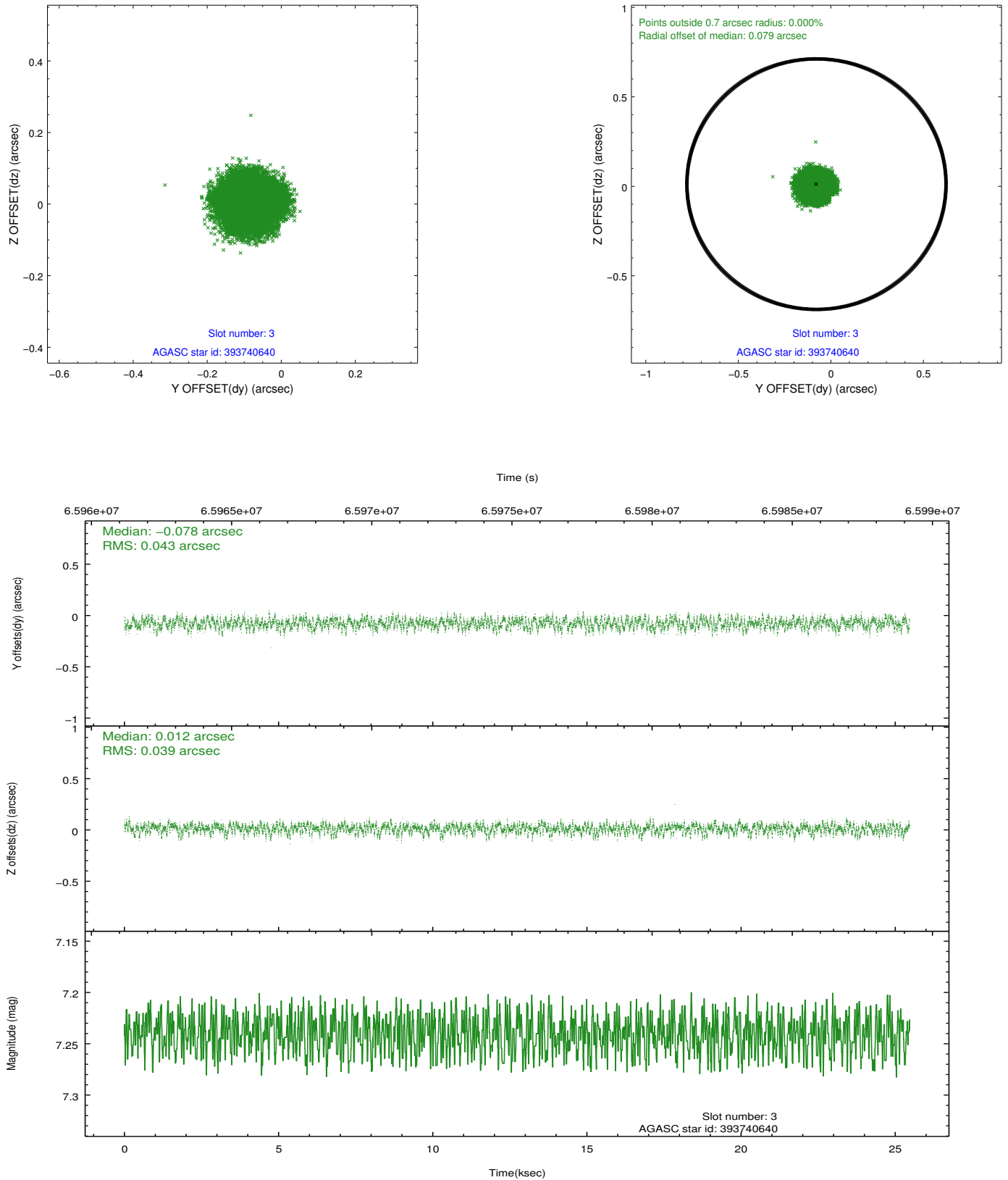


Slot Statistics

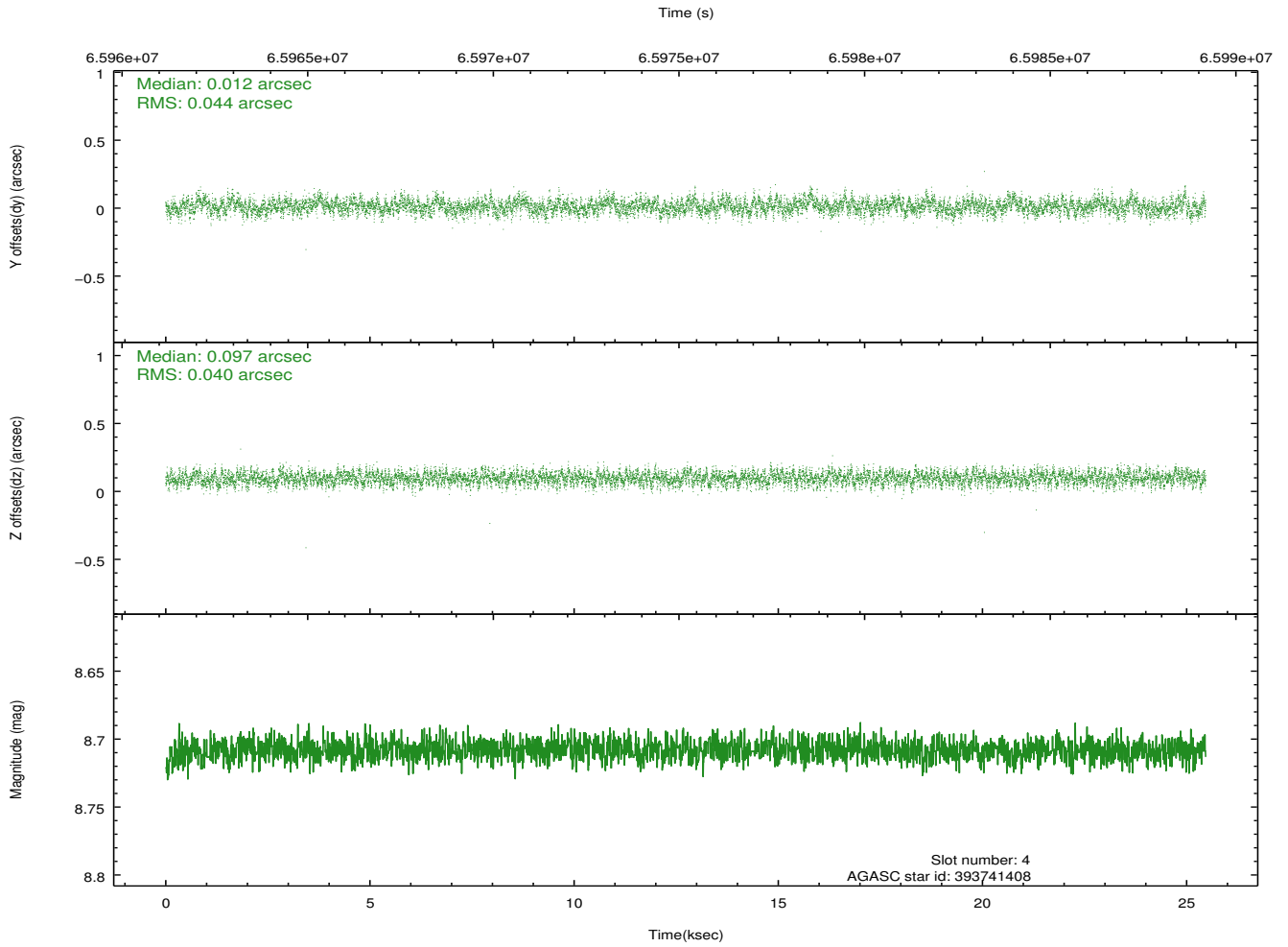
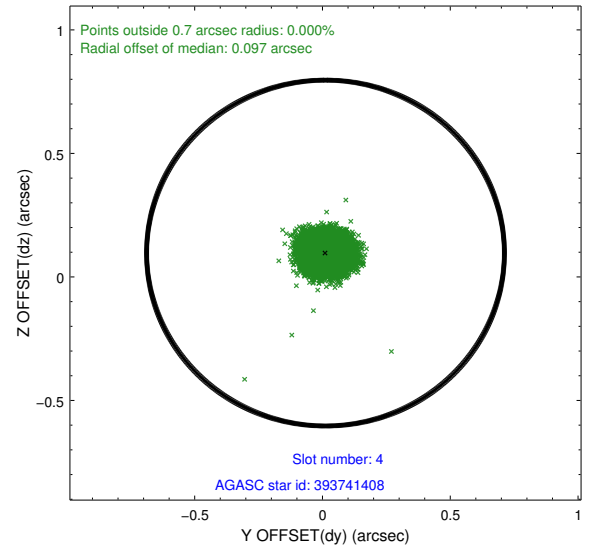
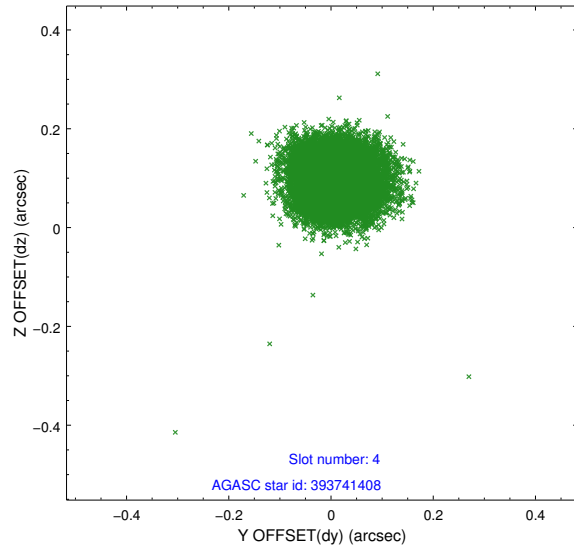
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6212	0.001	-0.009	0.007	0.011	0.000000	0.000000	-753.66	-1724.36
1	FID	ACIS-S-4	7.21	6210	-0.003	0.002	0.006	0.012	0.000000	0.000000	2159.62	183.93
2	FID	ACIS-S-5	7.23	6212	-0.028	0.016	0.006	0.011	0.000000	0.000000	-1806.32	177.86
3	GUIDE	393740640	7.24	12423	-0.078	0.012	0.063	0.097	155.265288	41.849393	-596.99	-2307.80
4	GUIDE	393741408	8.71	12420	0.012	0.097	0.064	0.101	155.277424	41.211418	-2041.01	-521.65
5	GUIDE	393750208	9.11	12421	-0.039	-0.038	0.067	0.110	154.121764	41.410175	867.58	826.25
6	GUIDE	393741984	9.59	12410	0.059	0.078	0.084	0.136	154.131312	41.803853	1707.87	-315.34
7	GUIDE	393748200	9.33	12419	0.045	-0.144	0.071	0.117	154.974612	41.069563	-1708.90	386.39

2.4 Star Slots

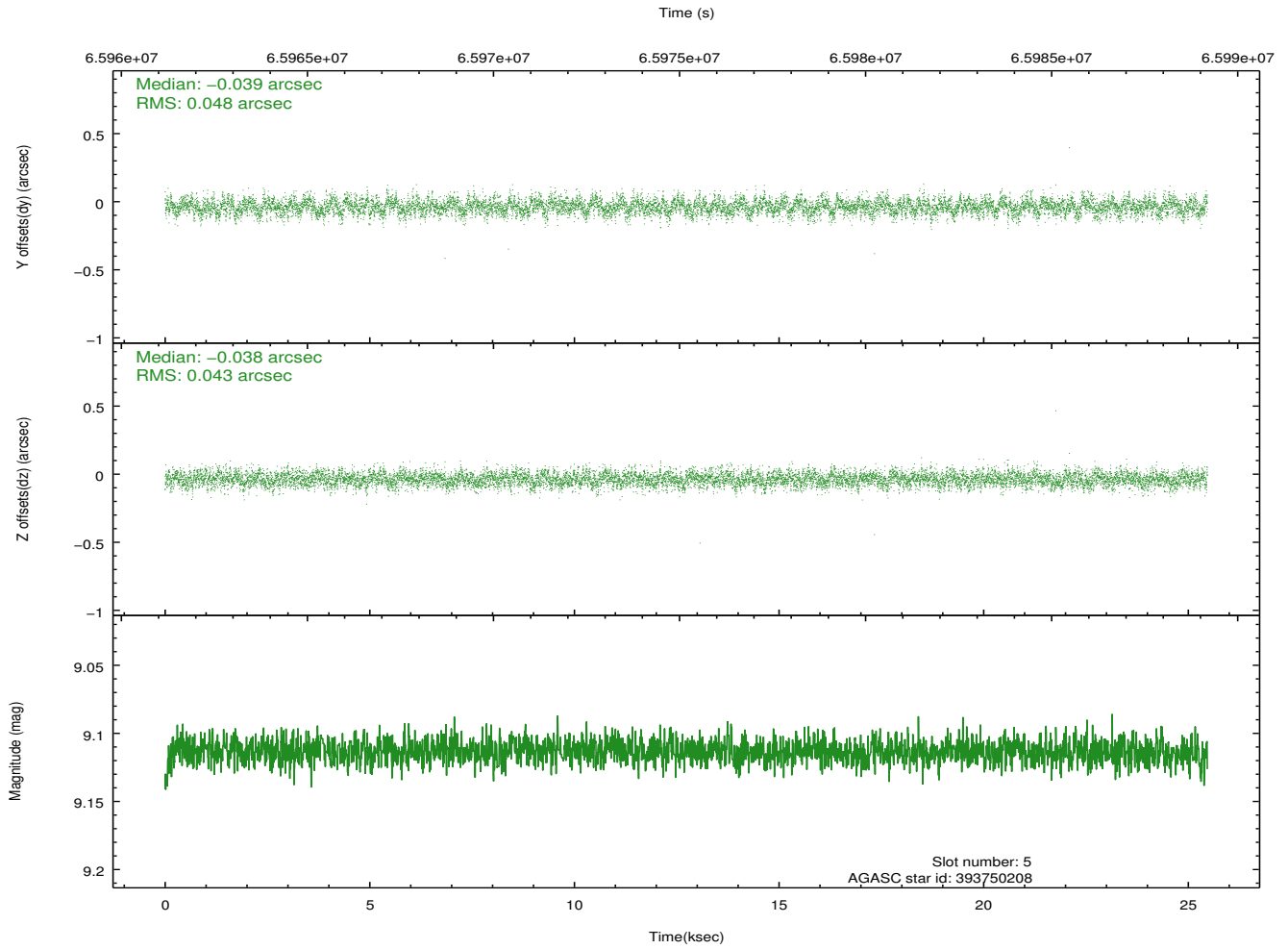
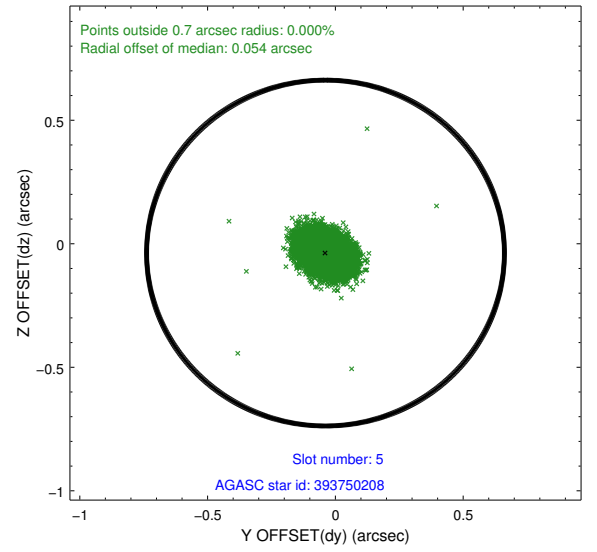
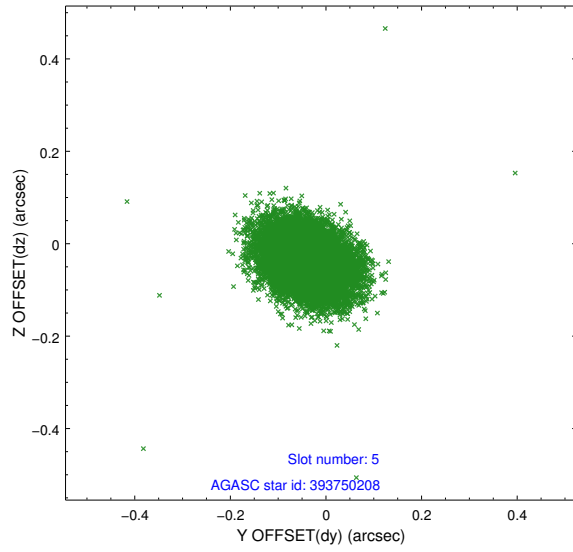
2.4.1 Slot 3



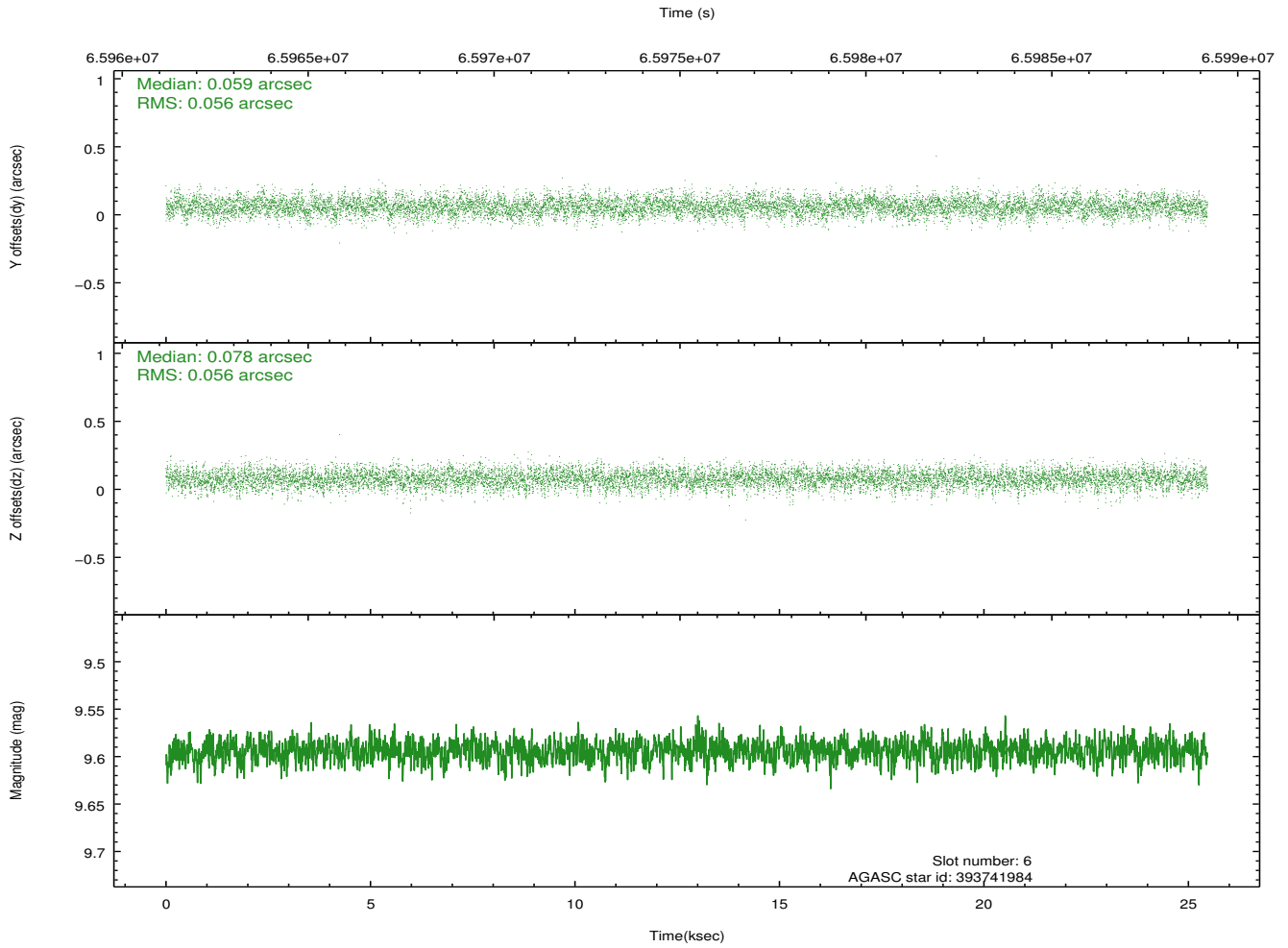
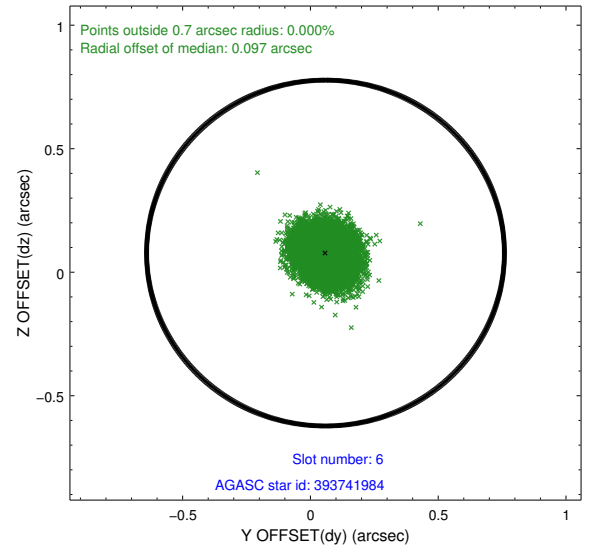
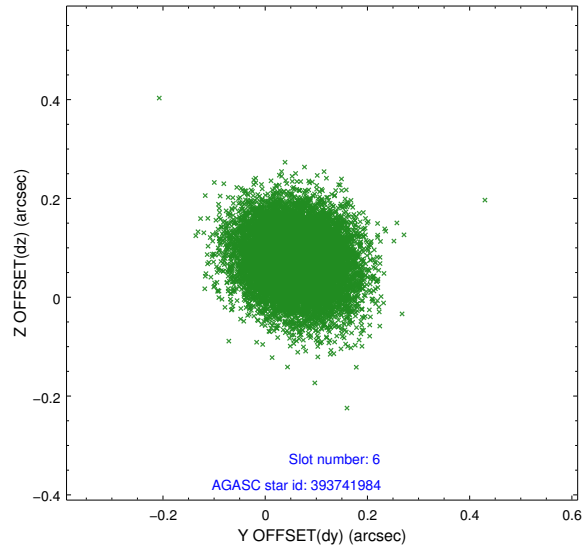
2.4.2 Slot 4



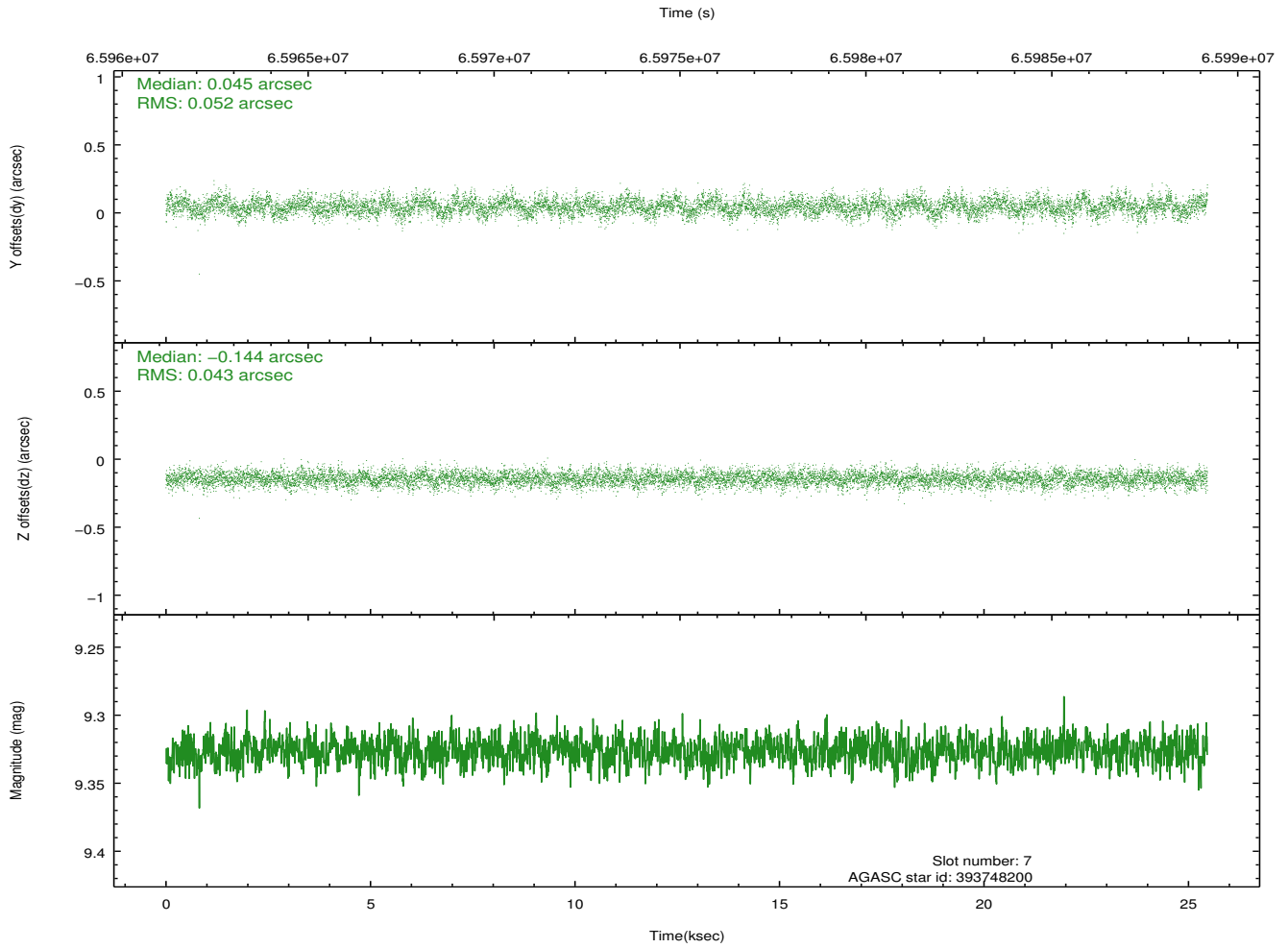
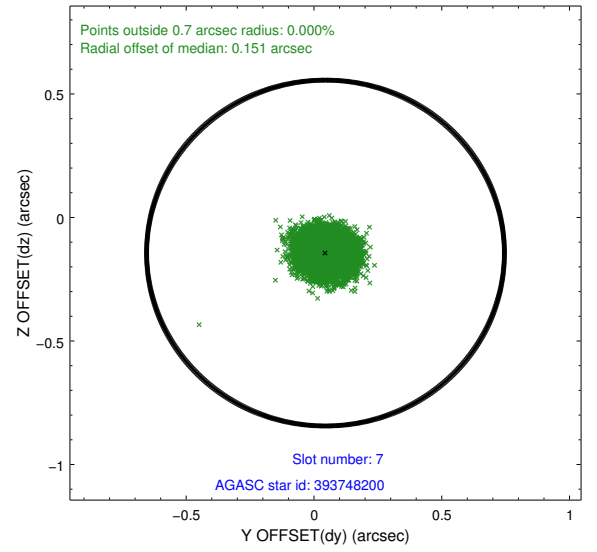
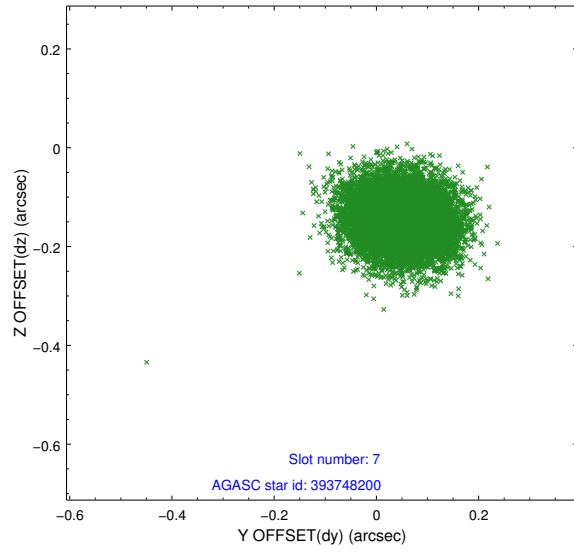
2.4.3 Slot 5



2.4.4 Slot 6

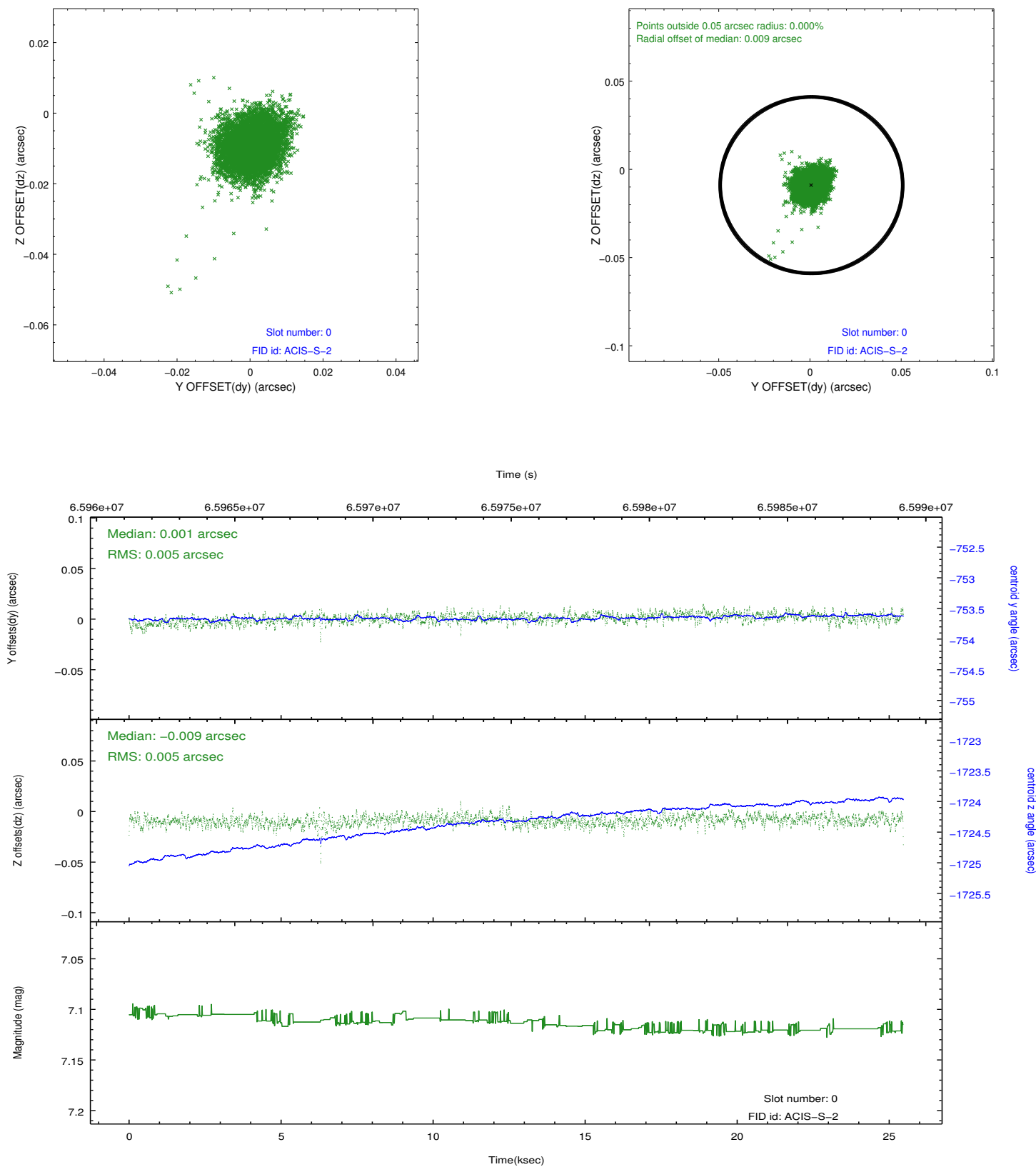


2.4.5 Slot 7

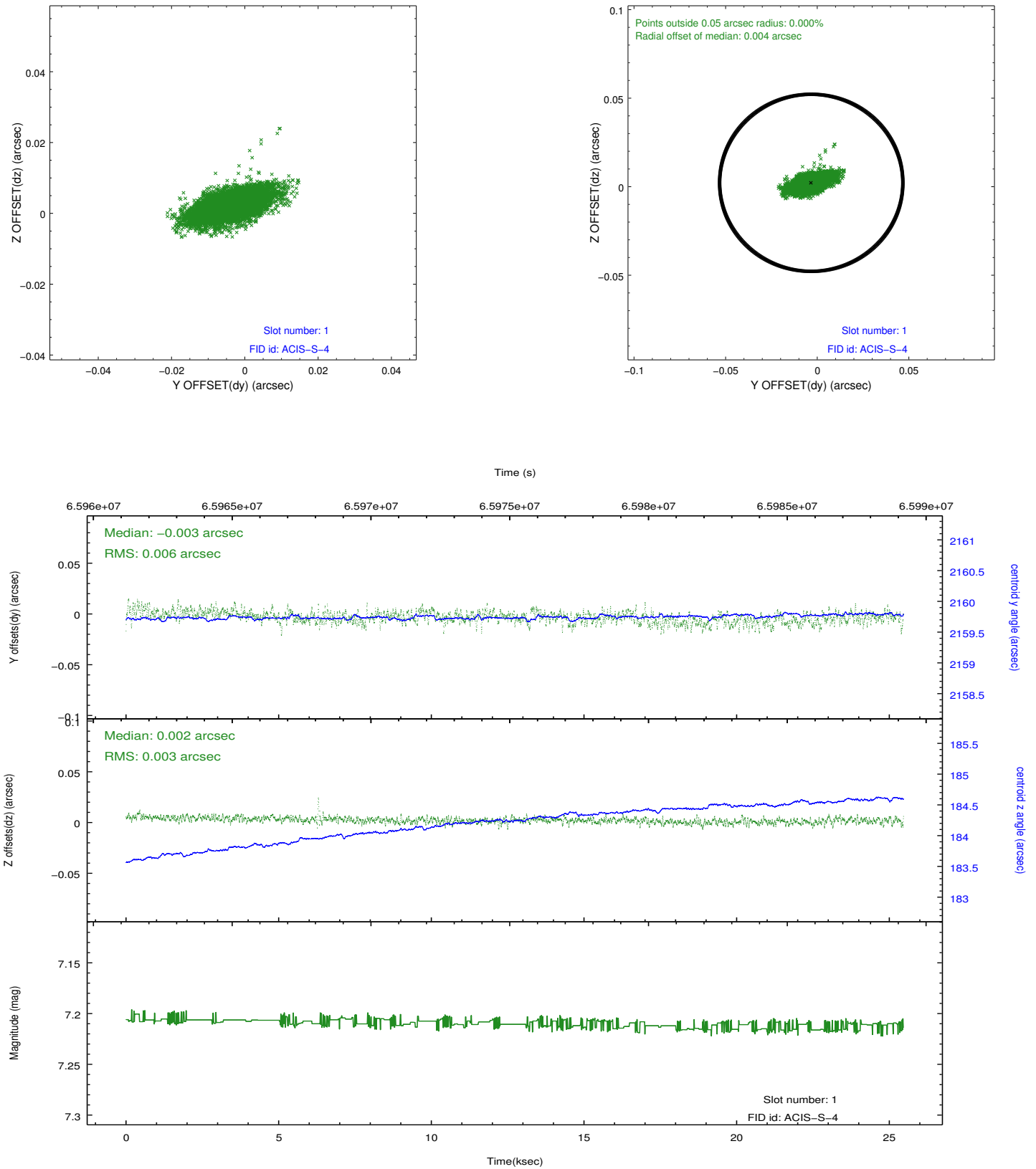


2.5 FID Slots

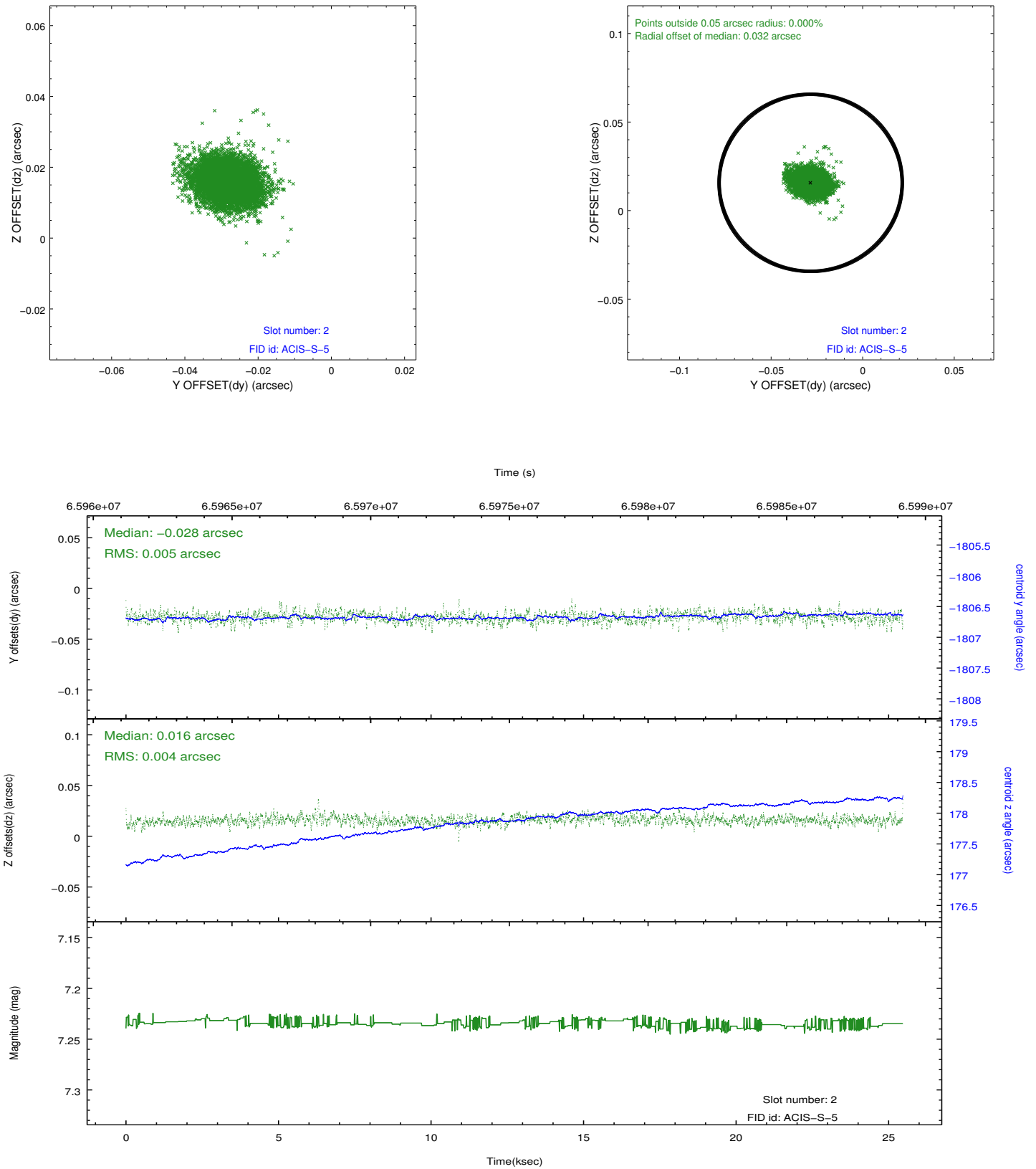
2.5.1 Slot 0



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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.035

A.2 Comments