

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4025 - L2 Version 3
Chandra X-Ray Center

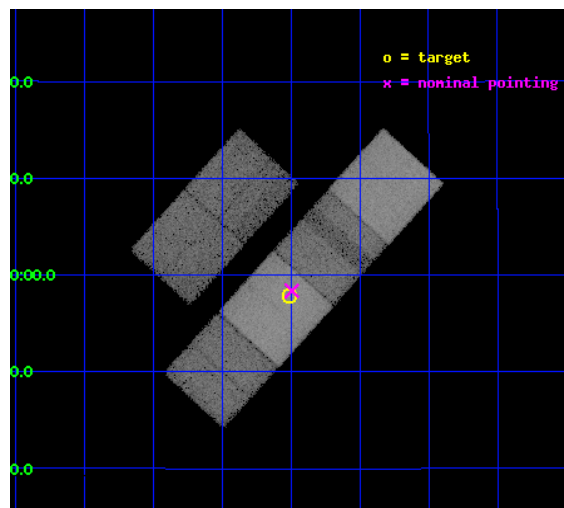
L2 Processing Date : Nov 1 2012

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1 Front

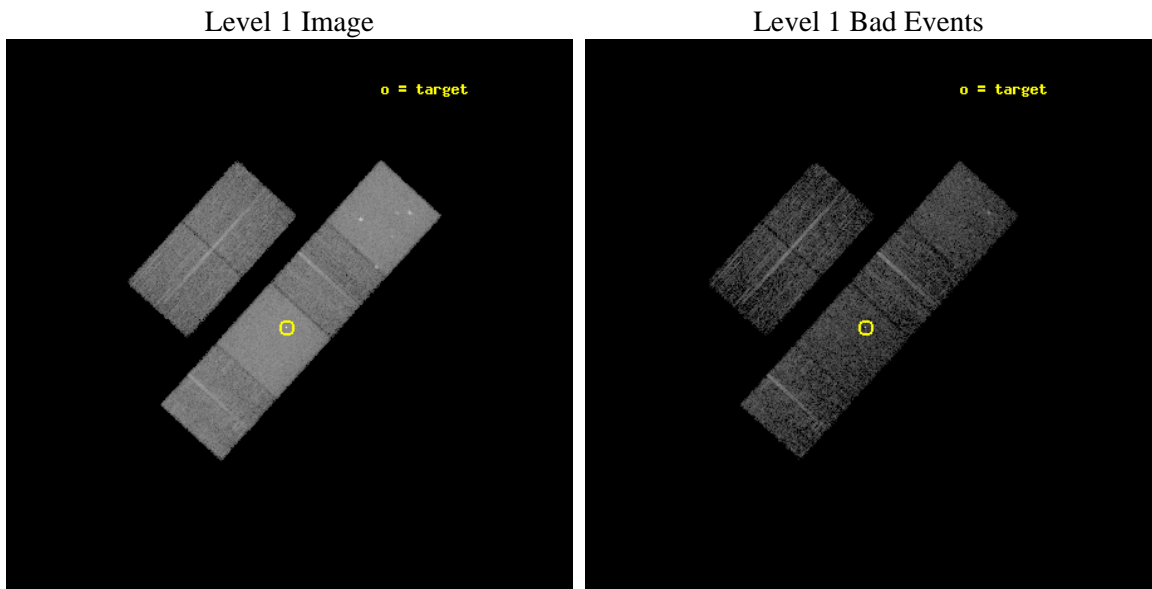
seq_num	700704	Sequence number
obs_id	4025	Observation id
title	A CHANDRA SURVEY OF INFRARED-BRIGHT LINER GALAXIES	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	NGC7465	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	345.50375	Observer's specified target RA [deg]
dec_targ	15.964722	Observer's specified target Dec [deg]
ra_nom	345.49828473857	Nominal RA [deg]
dec_nom	15.972860907779	Nominal Dec [deg]
roll_nom	132.24712714976	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5058.7177750766	Sum of GTIs [s]
livetime	4994.6612446145	Livetime [s]
ontime2	5058.7588150799	Sum of GTIs [s]
ontime3	5058.5946550667	Sum of GTIs [s]
ontime5	5058.6767350733	Sum of GTIs [s]
ontime6	5058.63569507	Sum of GTIs [s]
ontime7	5058.7177750766	Sum of GTIs [s]
ontime8	5058.5536150932	Sum of GTIs [s]
l2events	201254	Number of level 2 events



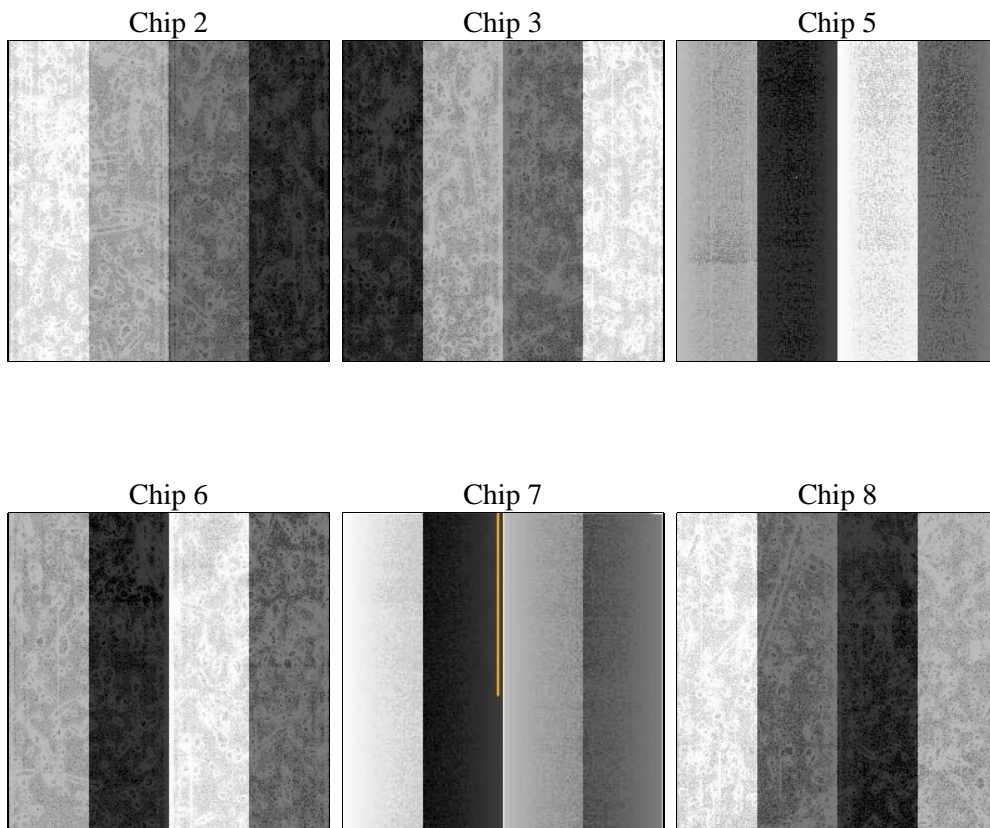
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5097.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5058.7177750766	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	5058.7588150799	Sum of GTIs [s]
date	2012-11-01T10:36:23	Date and time of file creation	ontime3	5058.5946550667	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5058.6767350733	Sum of GTIs [s]
			ontime6	5058.63569507	Sum of GTIs [s]
			ontime7	5058.7177750766	Sum of GTIs [s]
			ontime8	5058.5536150932	Sum of GTIs [s]
			l1events	389923	Number of level 1 events

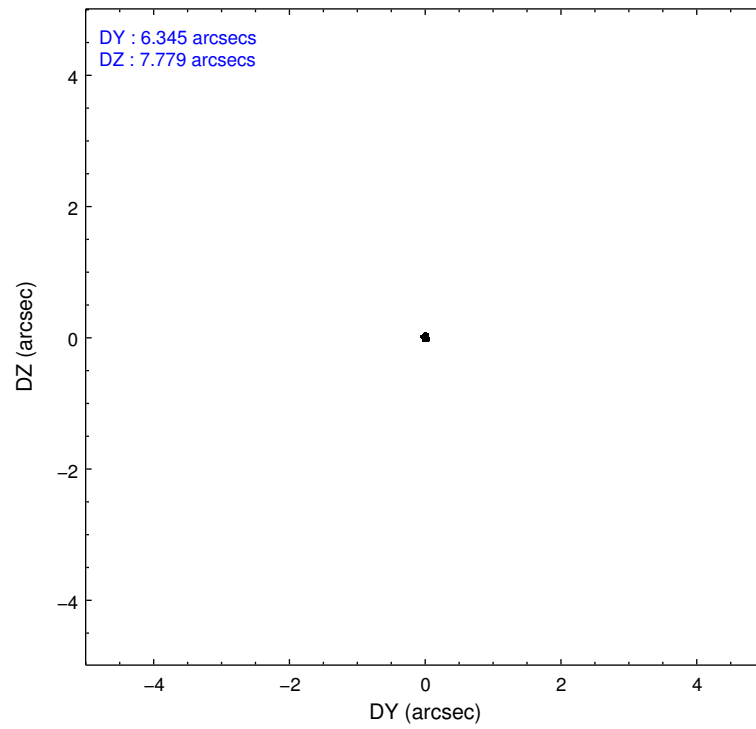
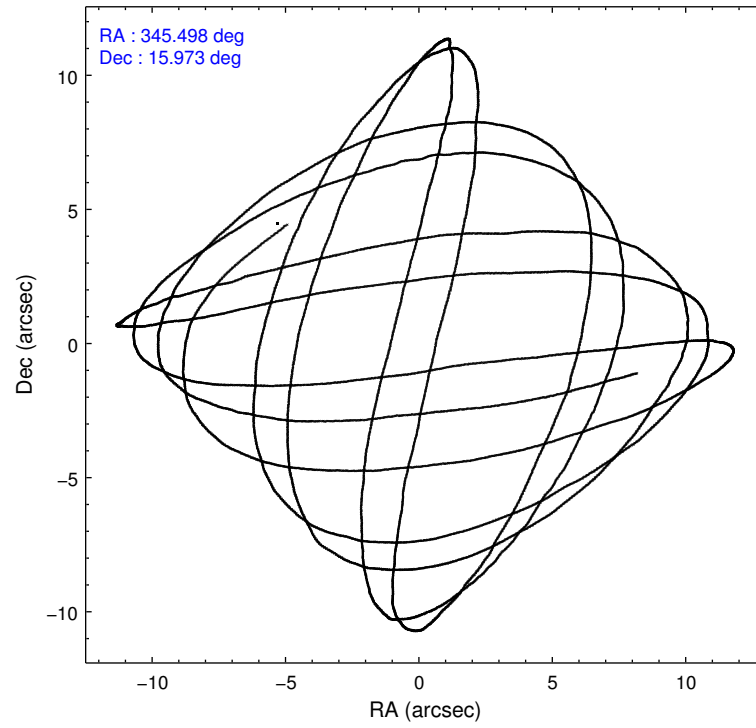
2.1.4 Events

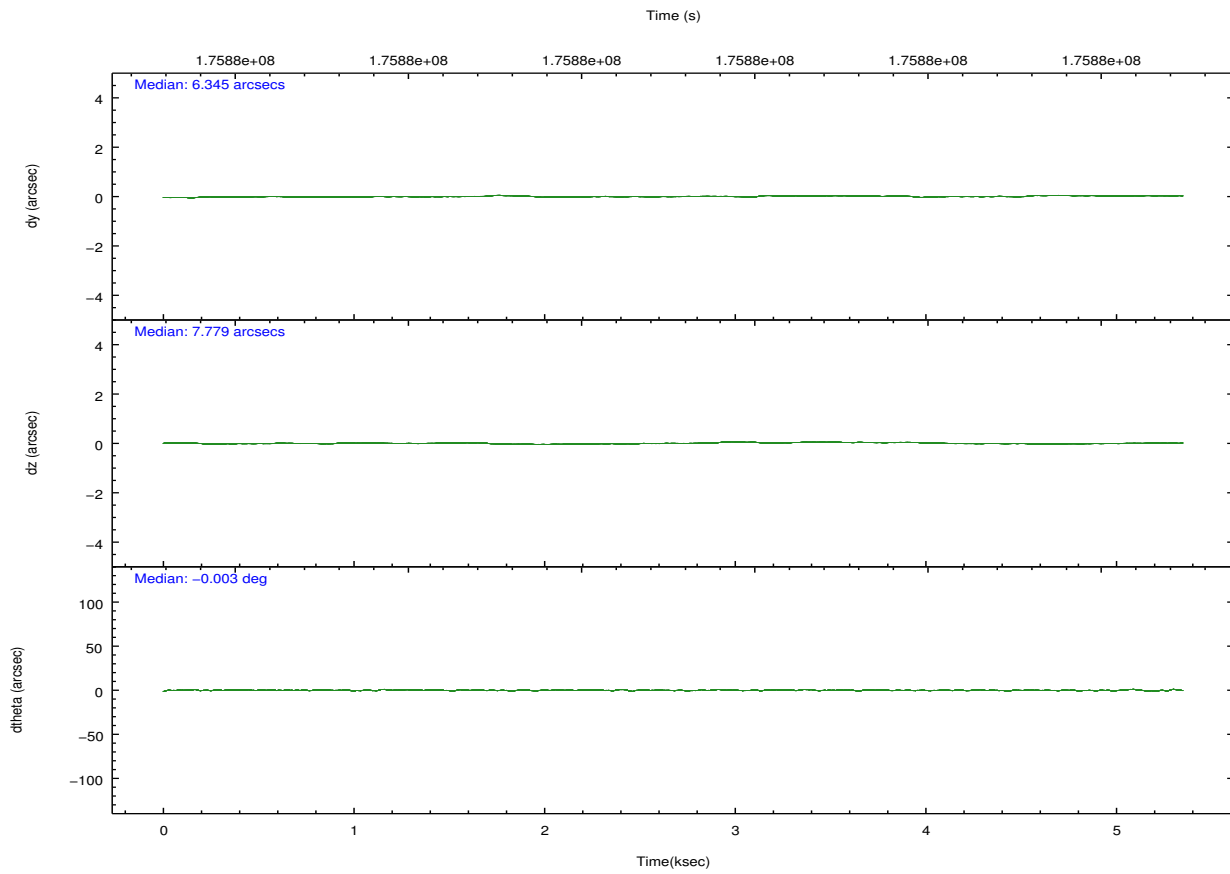
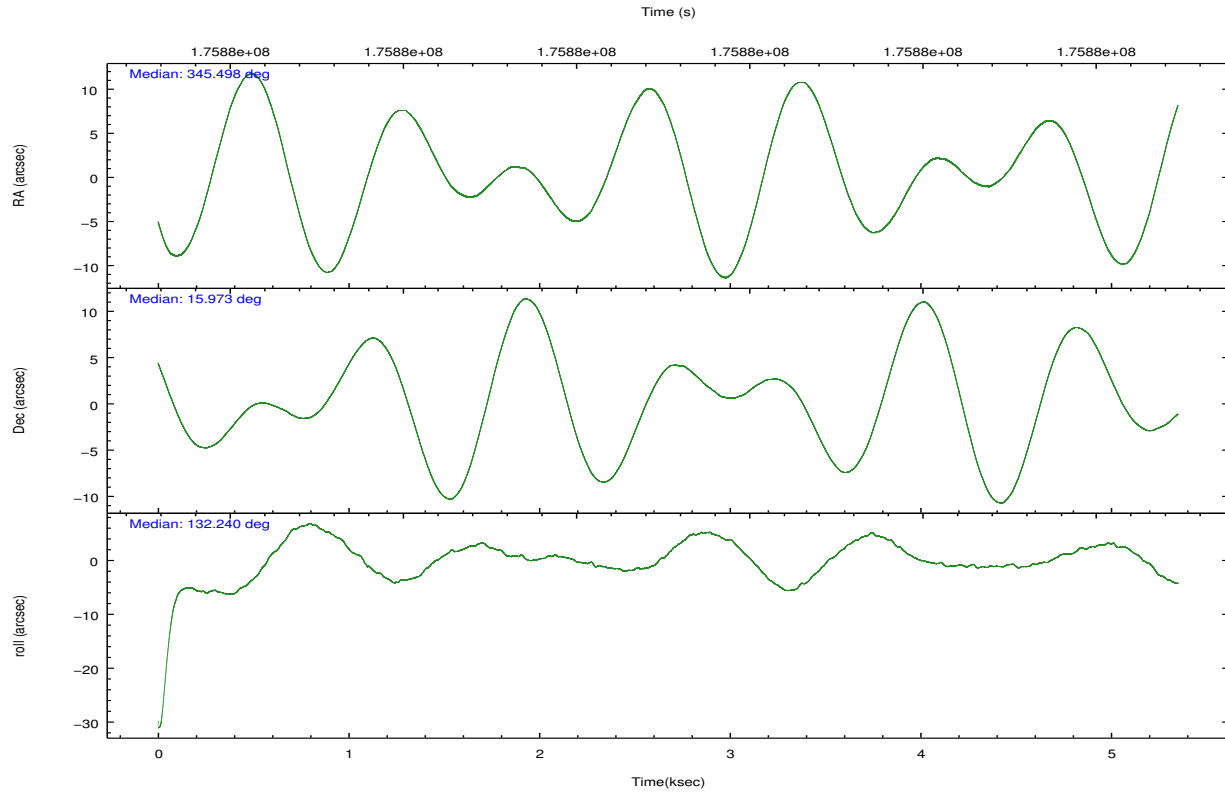
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	46853	45854	92589	53011	90673	60943	grade 0 events	12508	12168	8809	15472	6499	18468
rejected events	28222	27186	30638	29236	27400	30542		26%	26%	9%	29%	7%	30%
rejected %	60%	59%	33%	55%	30%	50%	grade 1 events	54	71	122	66	83	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	2867	3246	17813	4688	10669	5235
								6%	7%	19%	8%	11%	8%
							grade 3 events	803	771	3311	824	4732	1726
								1%	1%	3%	1%	5%	2%
							grade 4 events	796	826	3014	815	4610	1594
								1%	1%	3%	1%	5%	2%
							grade 5 events	1234	1357	4115	1485	4435	1893
								2%	2%	4%	2%	4%	3%
							grade 6 events	1659	1662	29060	1988	36809	3394
								3%	3%	31%	3%	40%	5%
							grade 7 events	26932	25753	26345	27673	22836	28544
								57%	56%	28%	52%	25%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	345.525484	345.4982847385662	Subarray requested	NONE	NONE
[deg] Pointing Dec	15.964960	15.97286090777928	Alternating exposures requested	N	N
[deg] Pointing Roll	132.083008	132.2471271497613	[s] Primary exposure time	0.000000	3.2
[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)	175876109.184000	175875111.78212			
Observation start date	2003-07-29T14:27:25	2003-07-29T14:11:51			
[s] Observation end time (MET)	175881206.184000	175881623.6074			
Observation end date	2003-07-29T15:52:22	2003-07-29T16:00:23			
Read mode	TIMED	TIMED			

2.3 Aspect



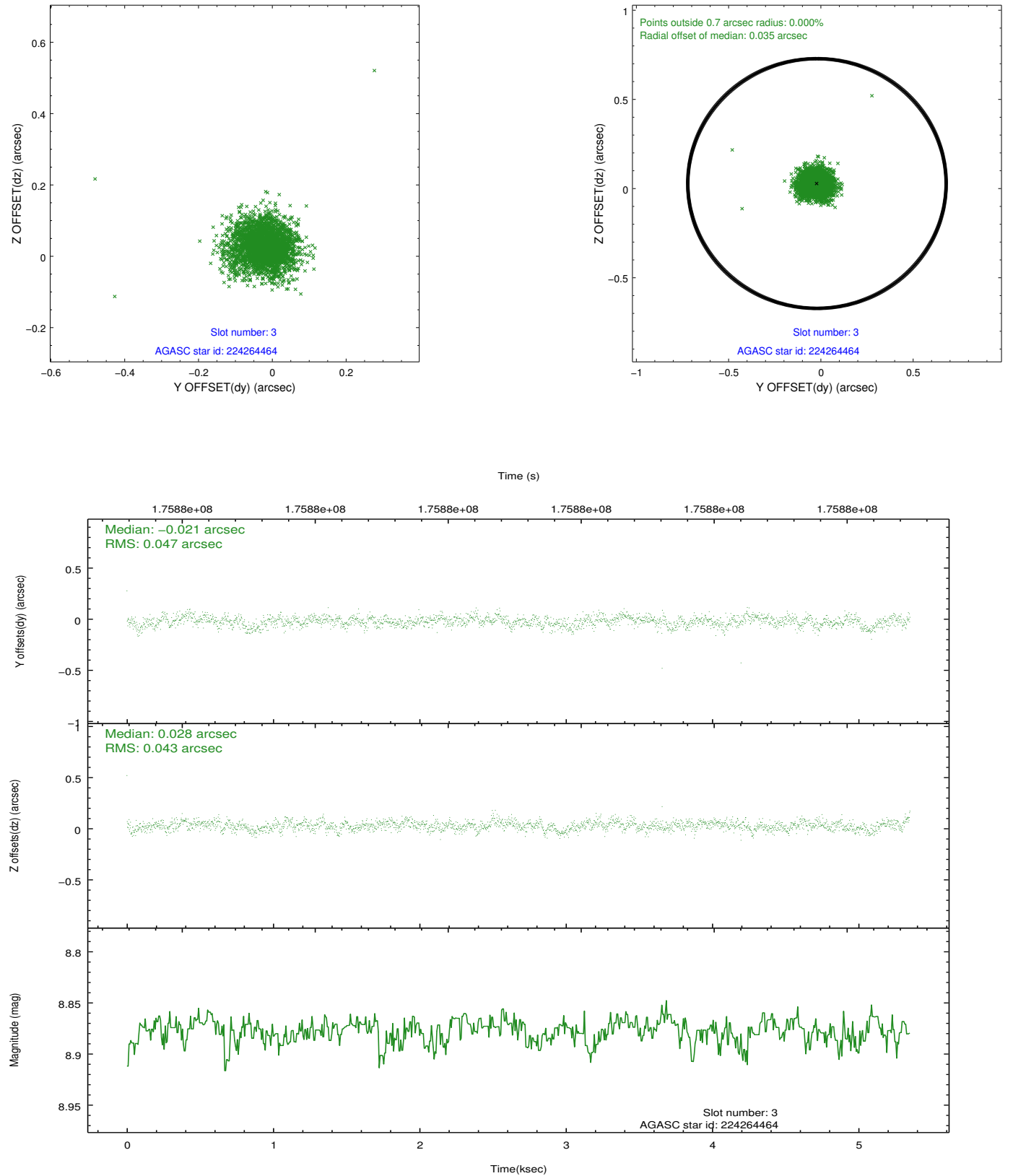


Slot Statistics

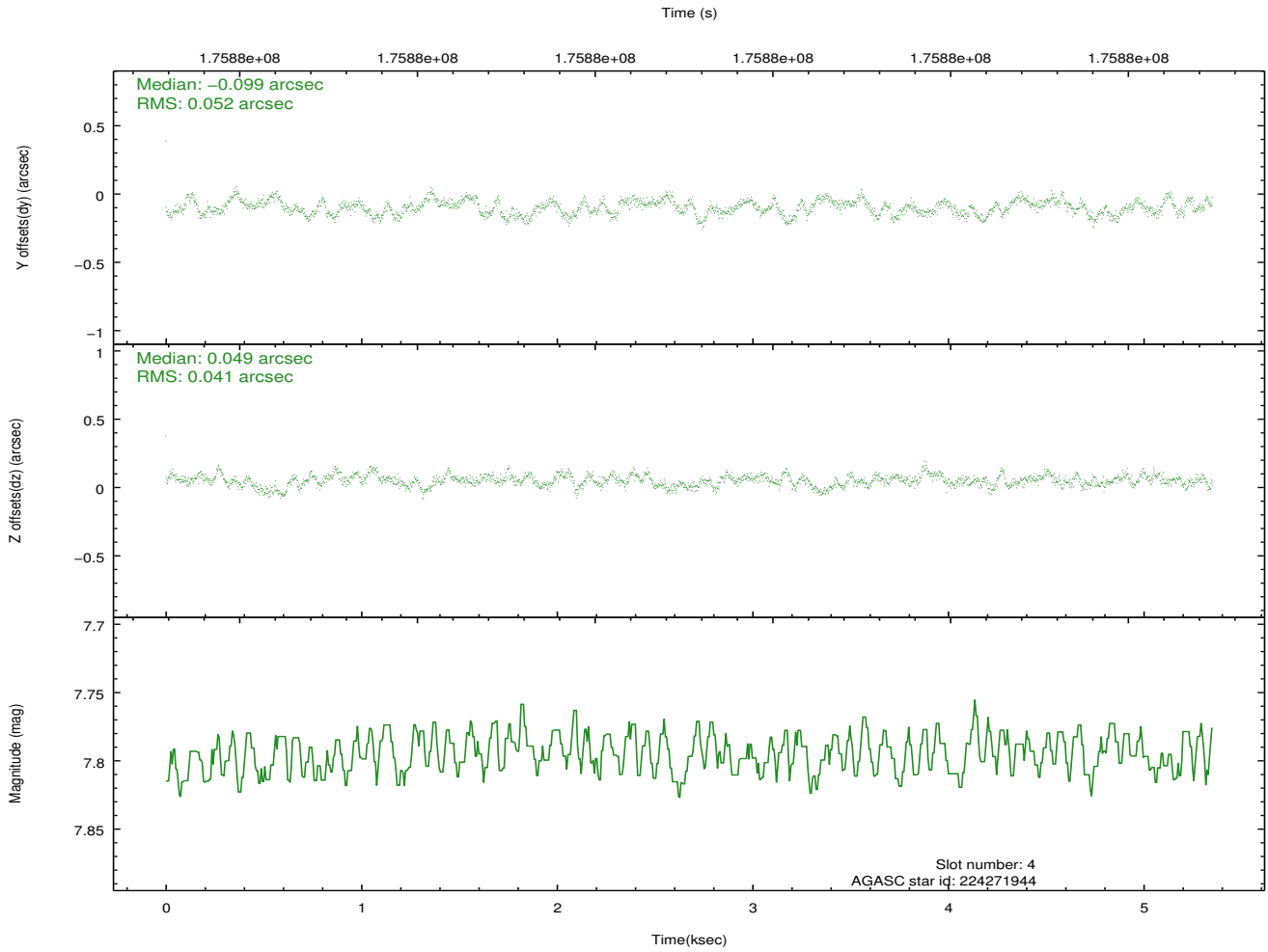
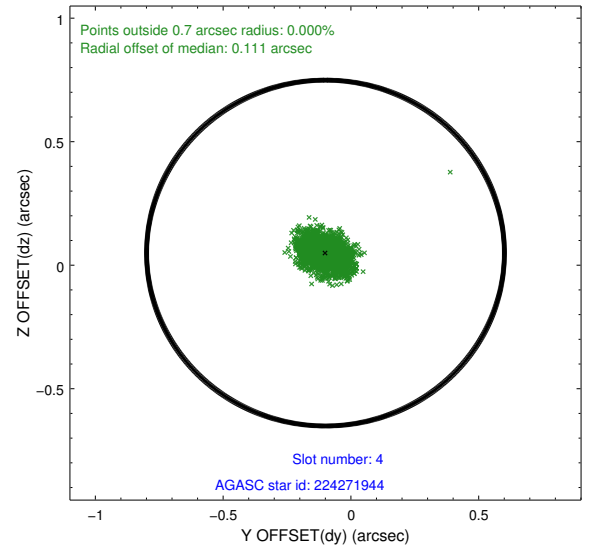
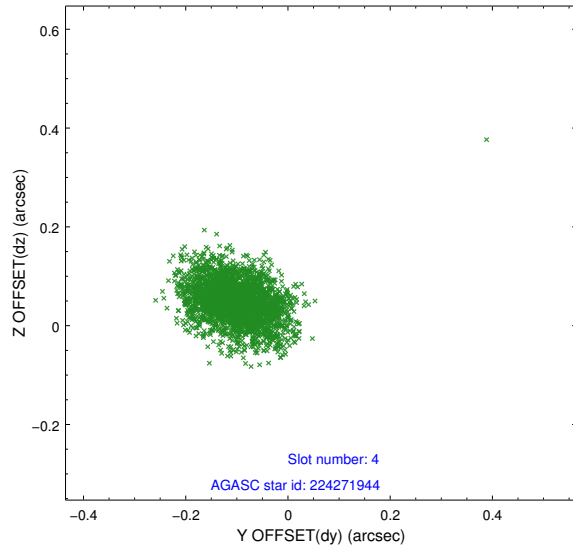
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1305	-0.026	-0.036	0.007	0.011	0.000000	0.000000	-759.13	-1728.99
1	FID	ACIS-S-4	7.21	1305	0.050	0.022	0.006	0.011	0.000000	0.000000	2153.74	178.35
2	FID	ACIS-S-5	7.23	1306	-0.055	0.022	0.007	0.011	0.000000	0.000000	-1810.53	173.35
3	GUIDE	224264464	8.88	2608	-0.021	0.028	0.065	0.109	345.354351	16.397716	1552.71	-605.60
4	GUIDE	224271944	7.79	2610	-0.099	0.049	0.069	0.112	345.743362	16.457660	813.32	-1747.58
5	GUIDE	224272040	7.79	2611	0.064	-0.162	0.055	0.086	345.211537	15.677856	-36.87	1498.73
6	GUIDE	224278552	9.50	2610	-0.071	-0.144	0.081	0.133	345.572738	15.370296	-1698.88	1313.20
7	GUIDE	224275336	9.23	2609	0.132	0.230	0.072	0.117	345.976067	15.905568	-1203.25	-1015.14

2.4 Star Slots

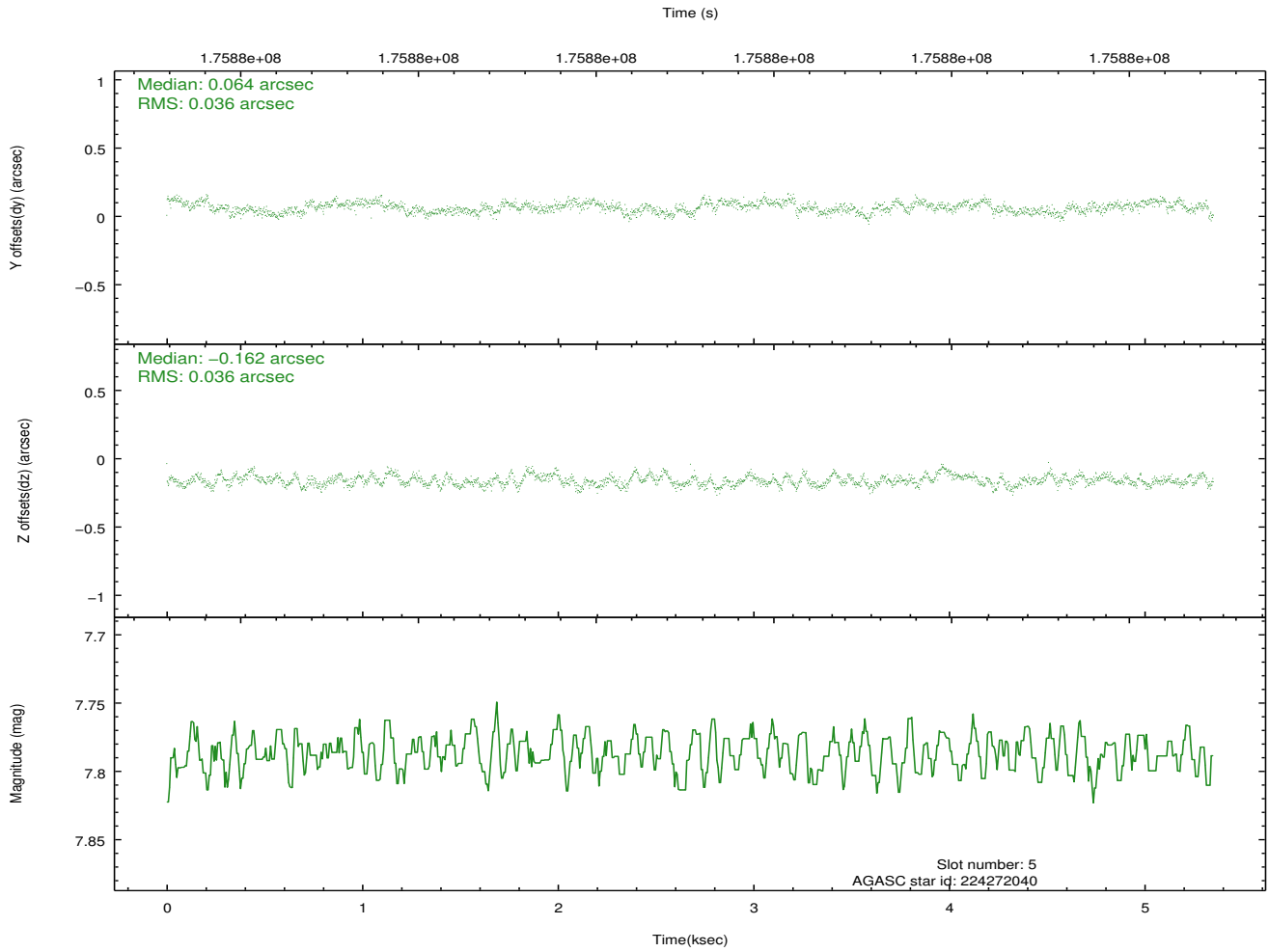
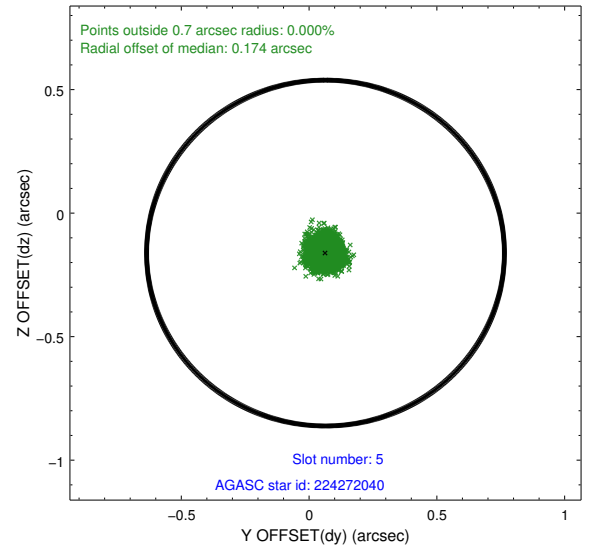
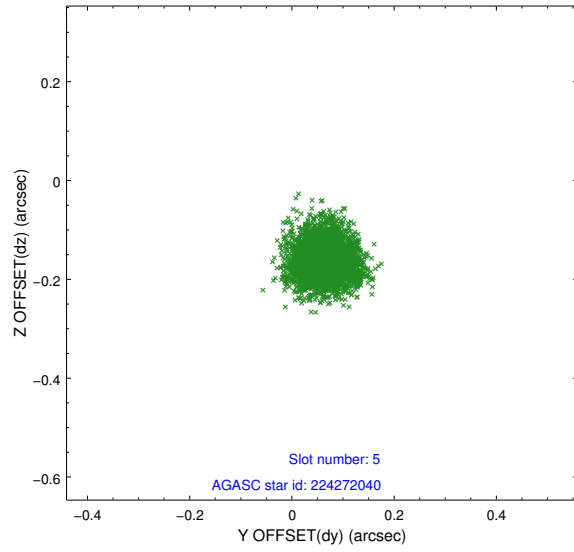
2.4.1 Slot 3



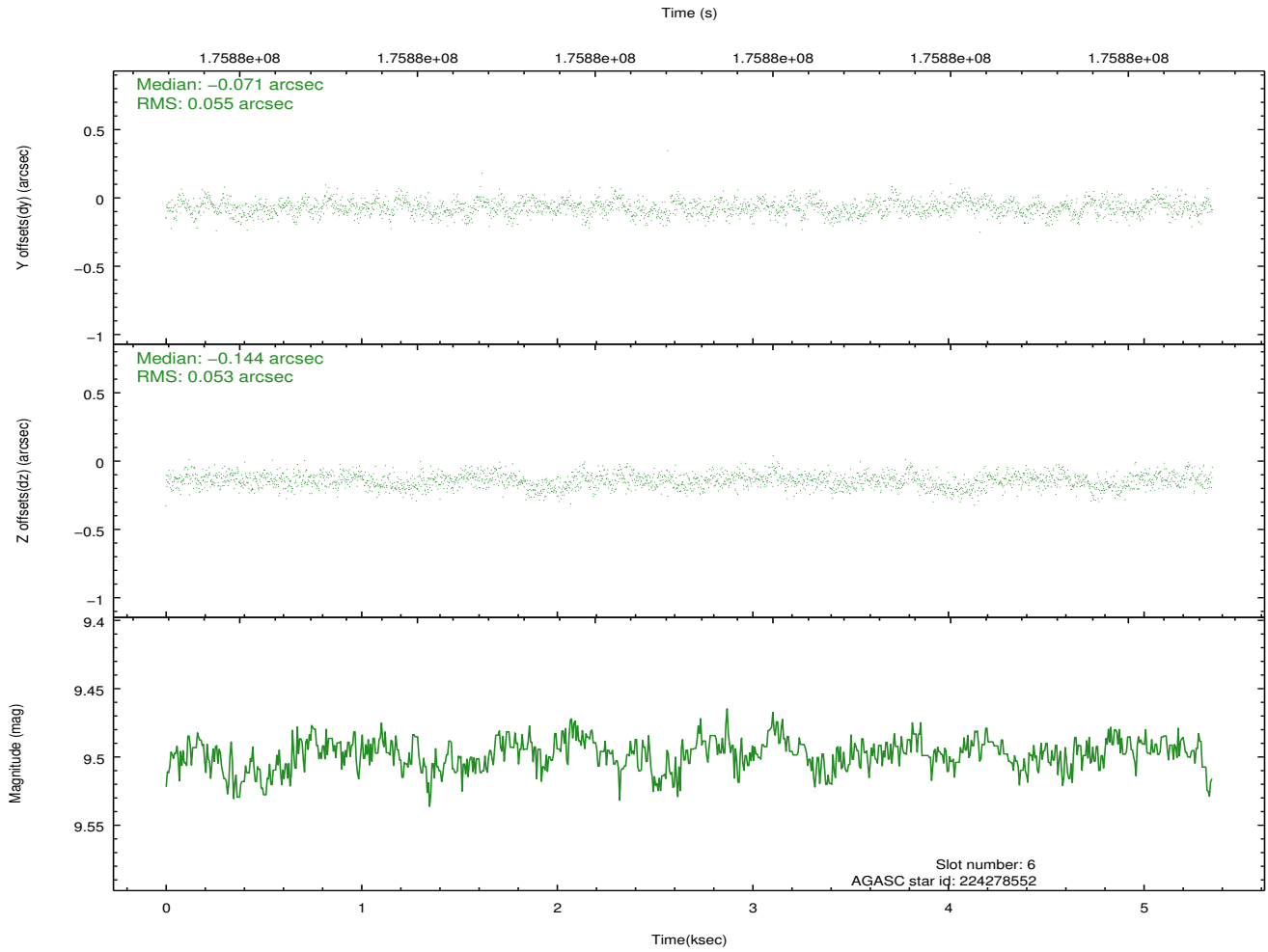
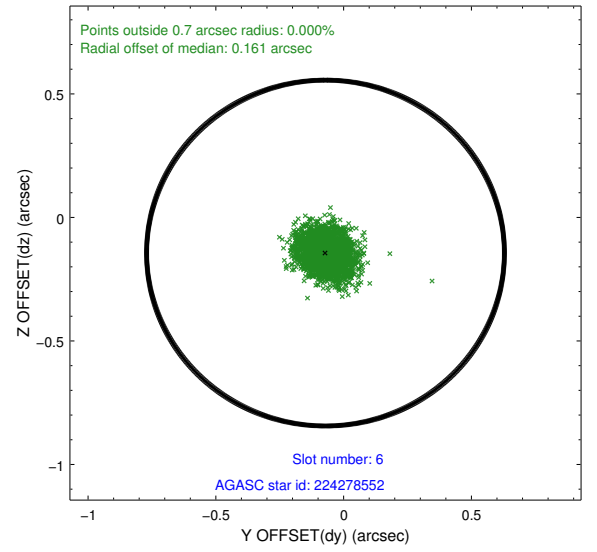
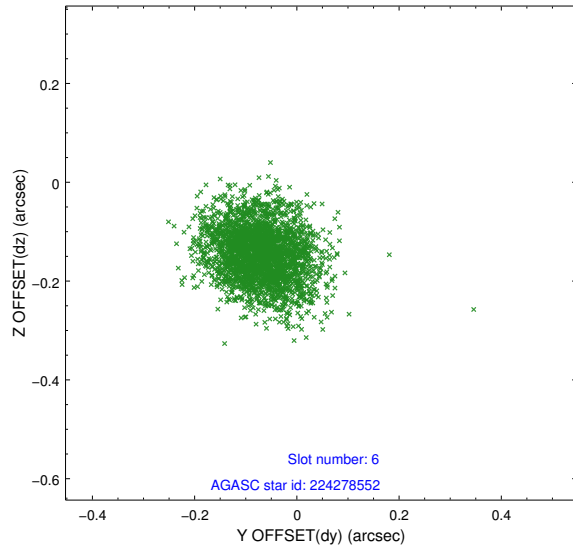
2.4.2 Slot 4



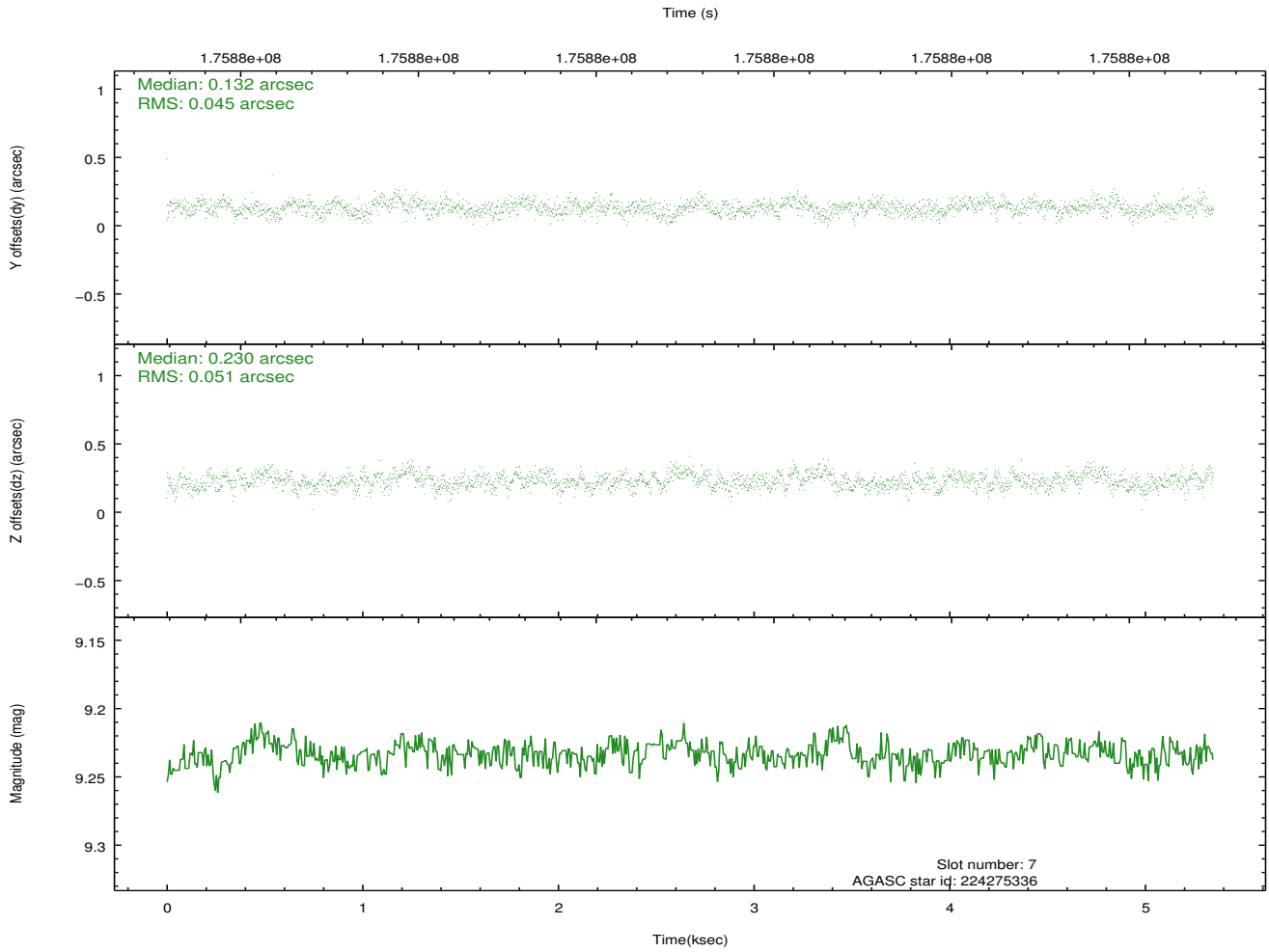
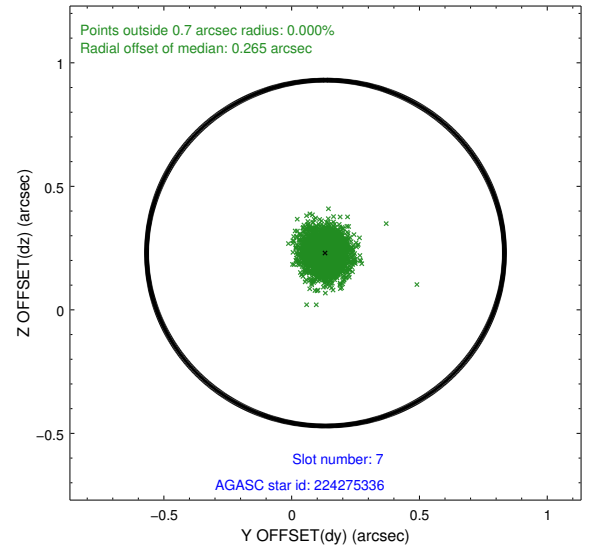
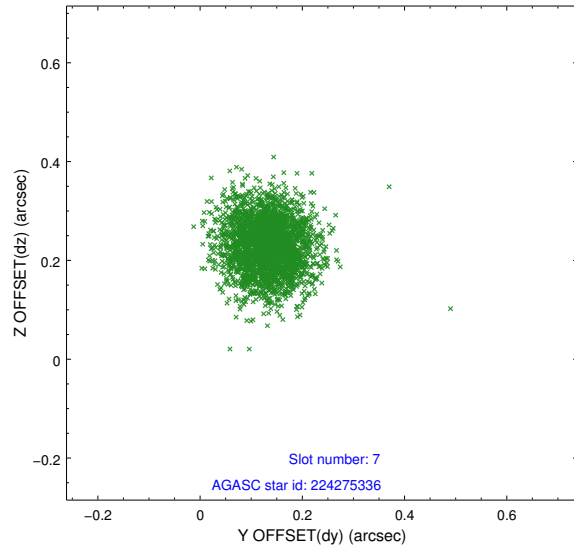
2.4.3 Slot 5



2.4.4 Slot 6

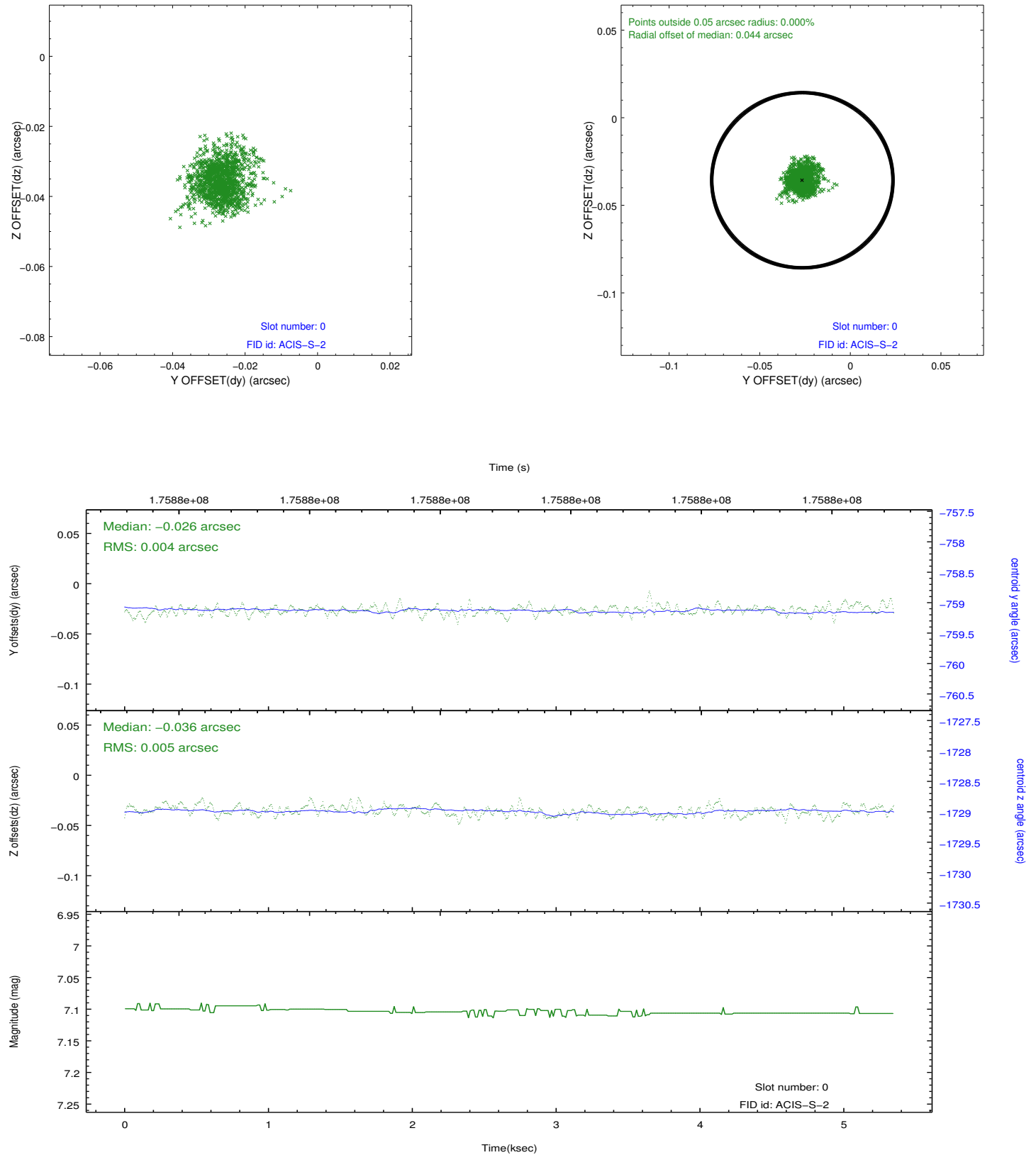


2.4.5 Slot 7

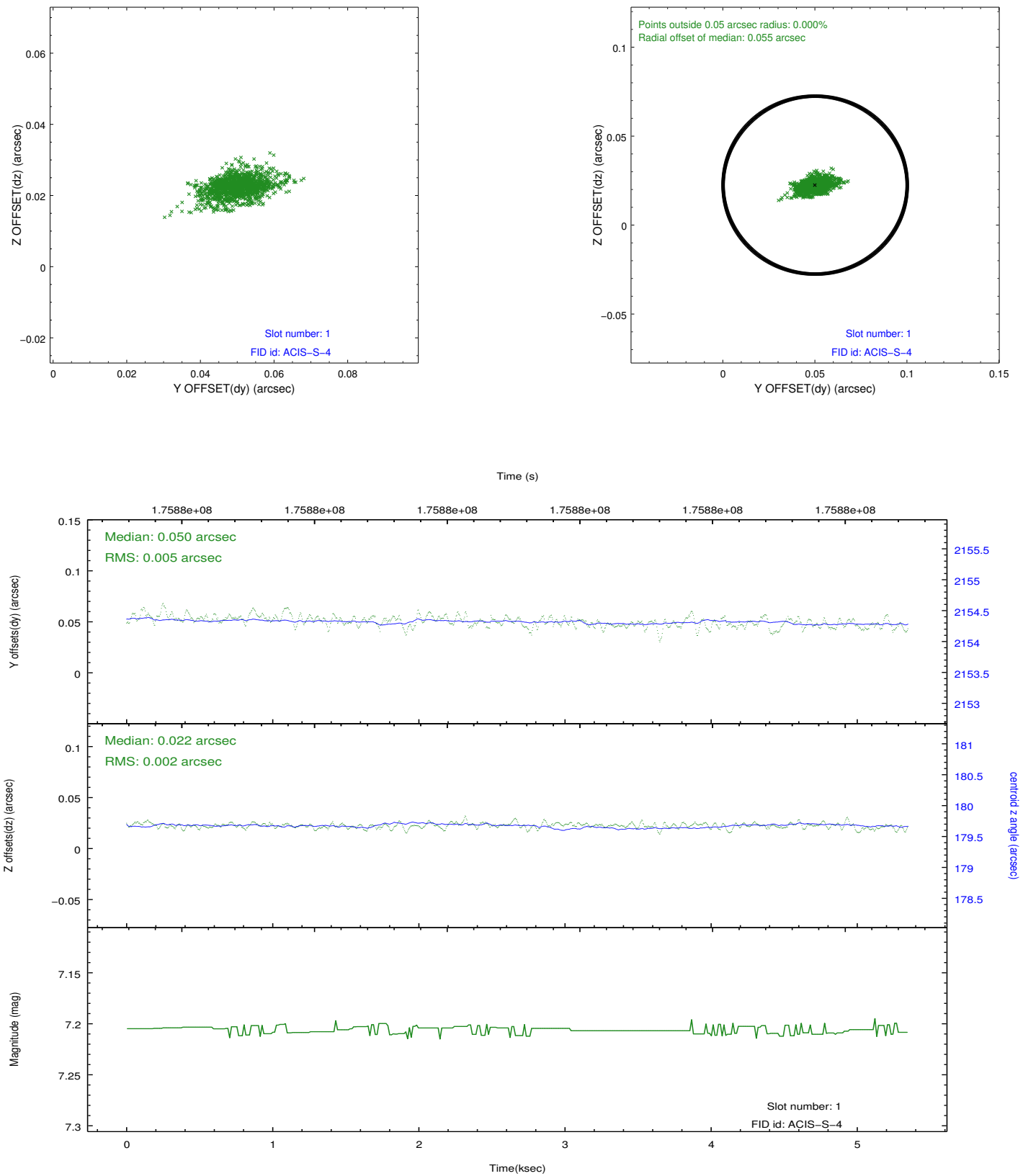


2.5 FID Slots

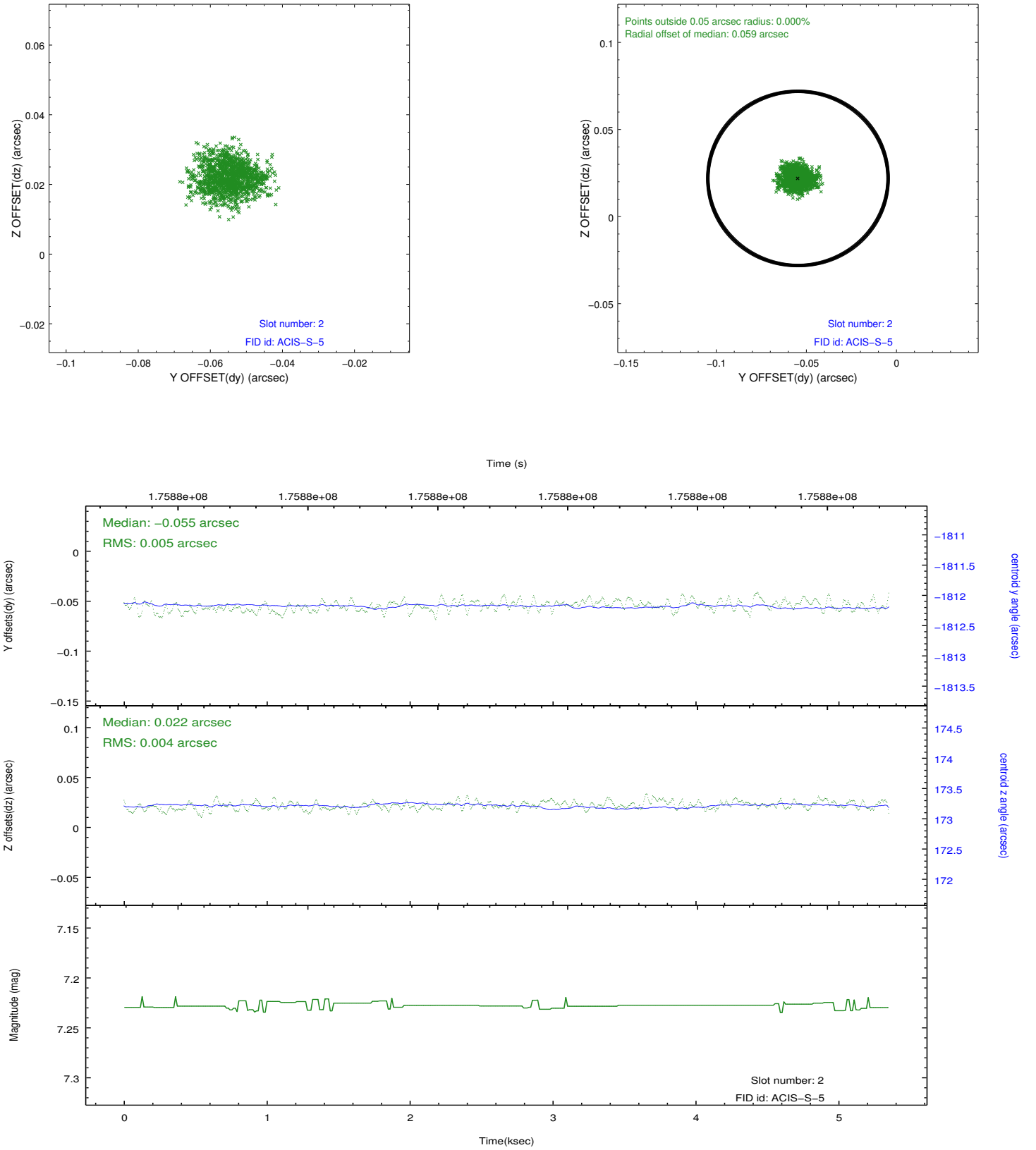
2.5.1 Slot 0



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)	2012.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.06

A.2 Comments