

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4506 - L2 Version 3
Chandra X-Ray Center

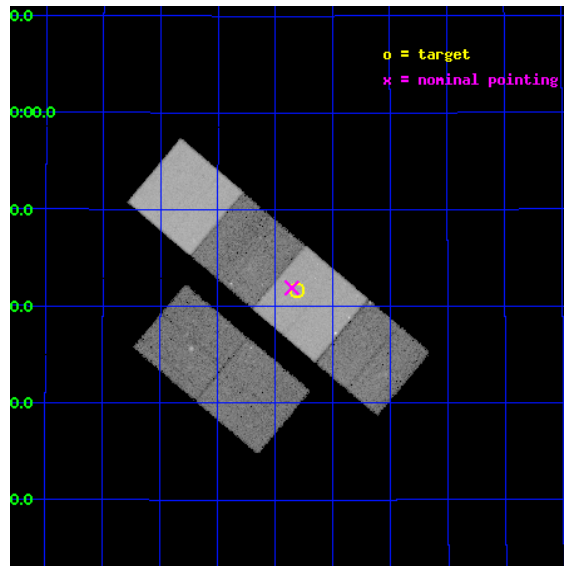
L2 Processing Date : Nov 12 2012

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

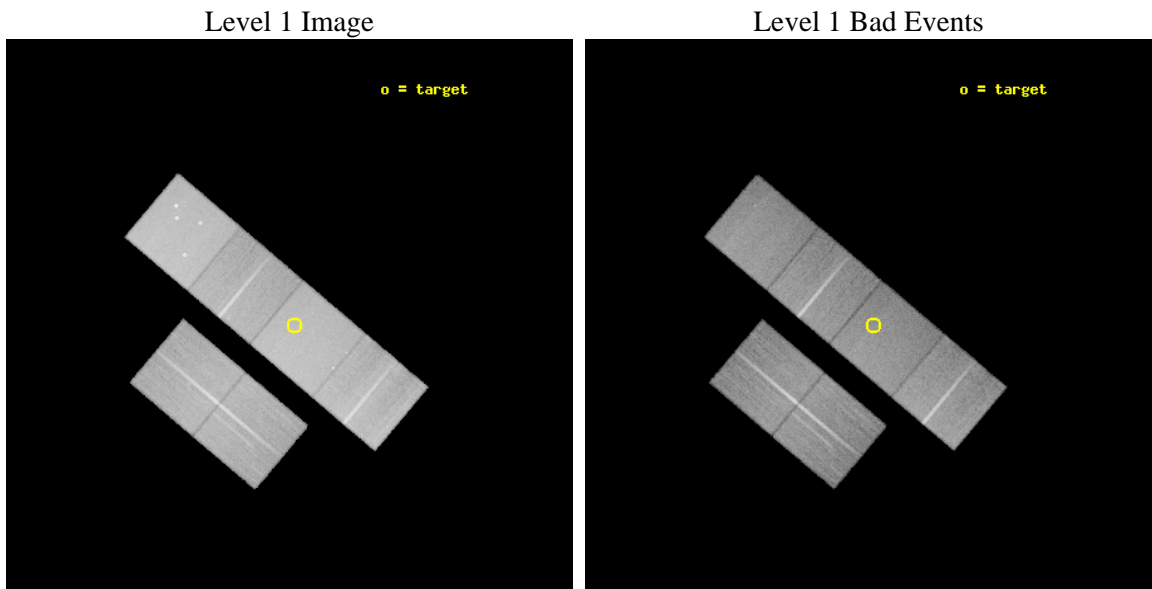
seq_num	200275	Sequence number
obs_id	4506	Observation id
title	Wind-Wind Interactions and Stellar Magnetic Fields in Pre-Planetary Nebulae	Proposal title
observer	Dr. Raghvendra Sahai	Principal investigator
object	AFGL 2688	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	315.578333	Observer's specified target RA [deg]
dec_targ	36.693889	Observer's specified target Dec [deg]
ra_nom	315.58879016023	Nominal RA [deg]
dec_nom	36.698741606778	Nominal Dec [deg]
roll_nom	40.185523963933	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37843.158898711	Sum of GTIs [s]
livetime	37363.966034321	Livetime [s]
ontime2	37833.435958058	Sum of GTIs [s]
ontime3	37833.435947925	Sum of GTIs [s]
ontime5	37839.917908579	Sum of GTIs [s]
ontime6	37843.158888727	Sum of GTIs [s]
ontime7	37843.158898711	Sum of GTIs [s]
ontime8	37836.676908314	Sum of GTIs [s]
l2events	408188	Number of level 2 events



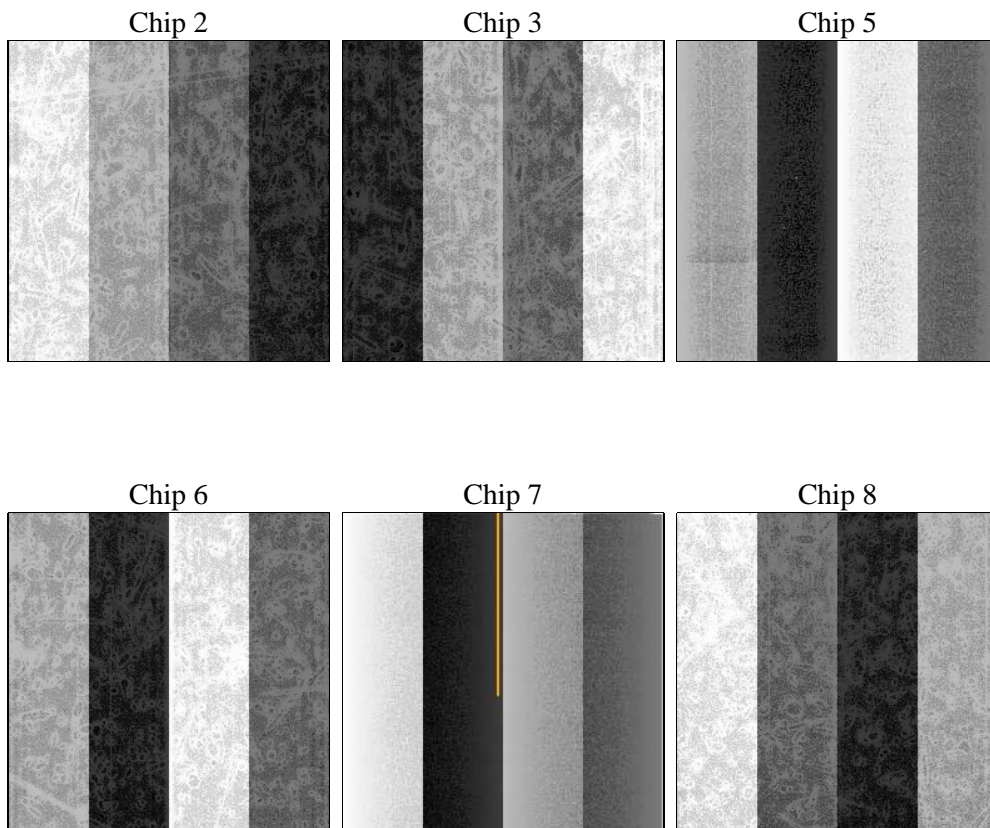
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	37667.953000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	37843.158898711	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	37833.435958058	Sum of GTIs [s]
date	2012-11-12T16:12:28	Date and time of file creation	ontime3	37833.435947925	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	37839.917908579	Sum of GTIs [s]
			ontime6	37843.158888727	Sum of GTIs [s]
			ontime7	37843.158898711	Sum of GTIs [s]
			ontime8	37836.676908314	Sum of GTIs [s]
			l1events	1789682	Number of level 1 events

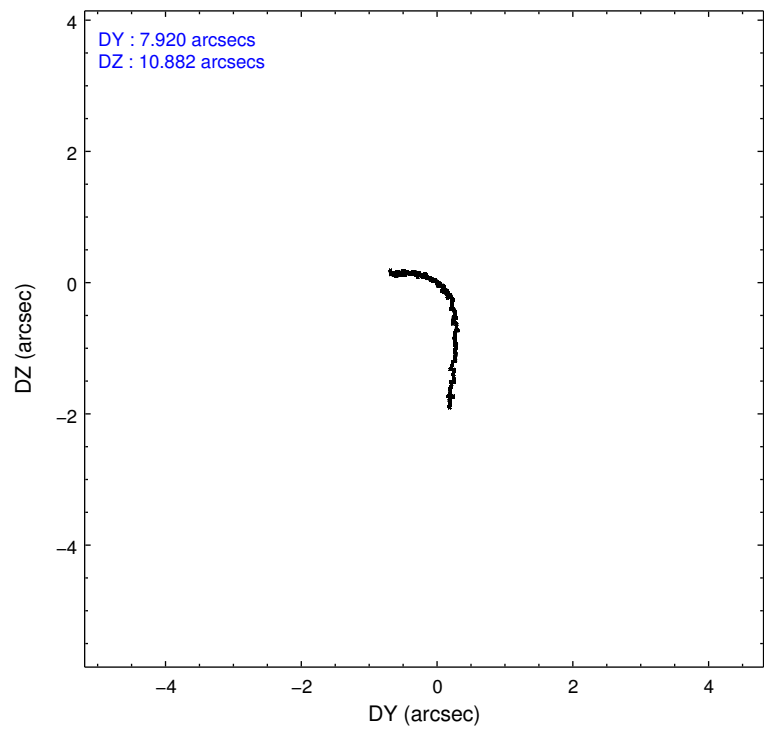
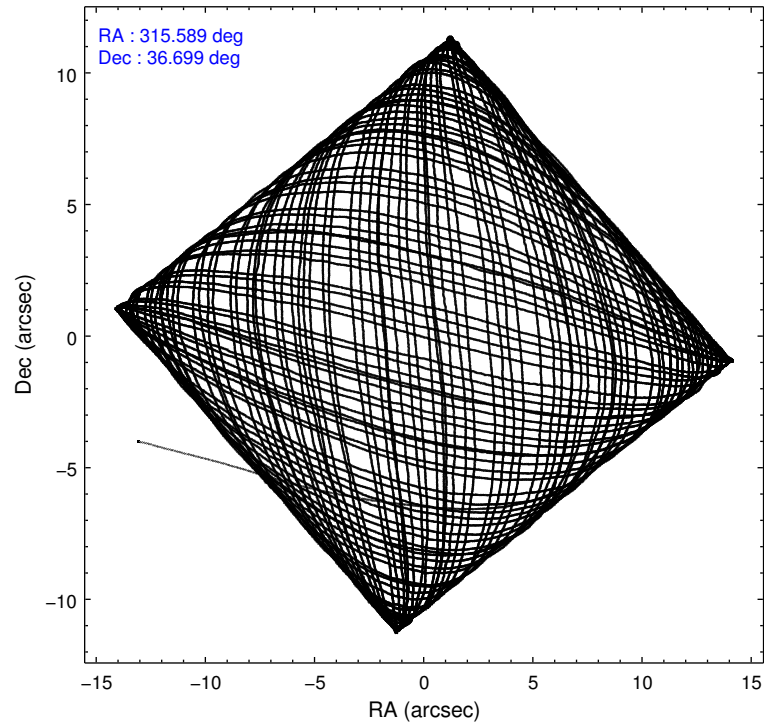
2.1.4 Events

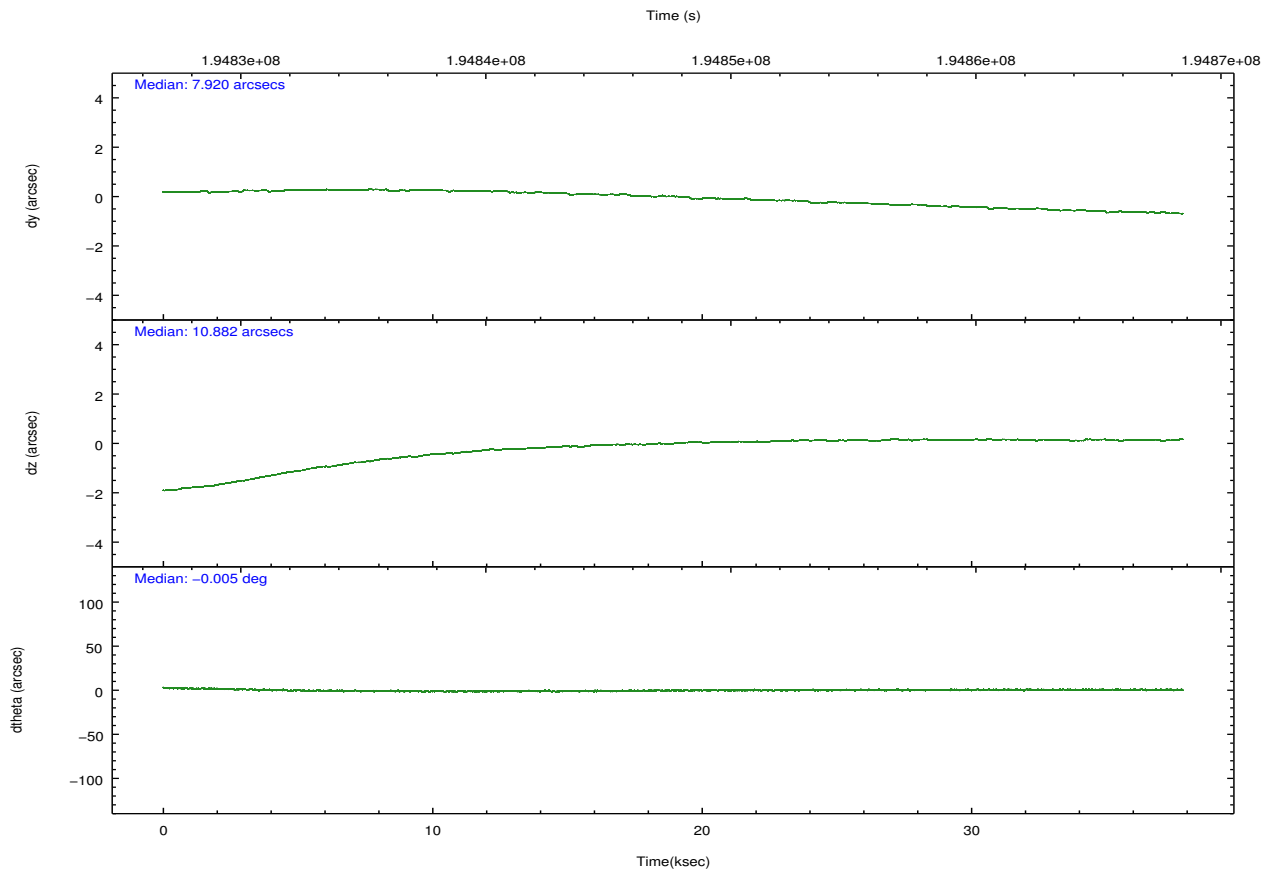
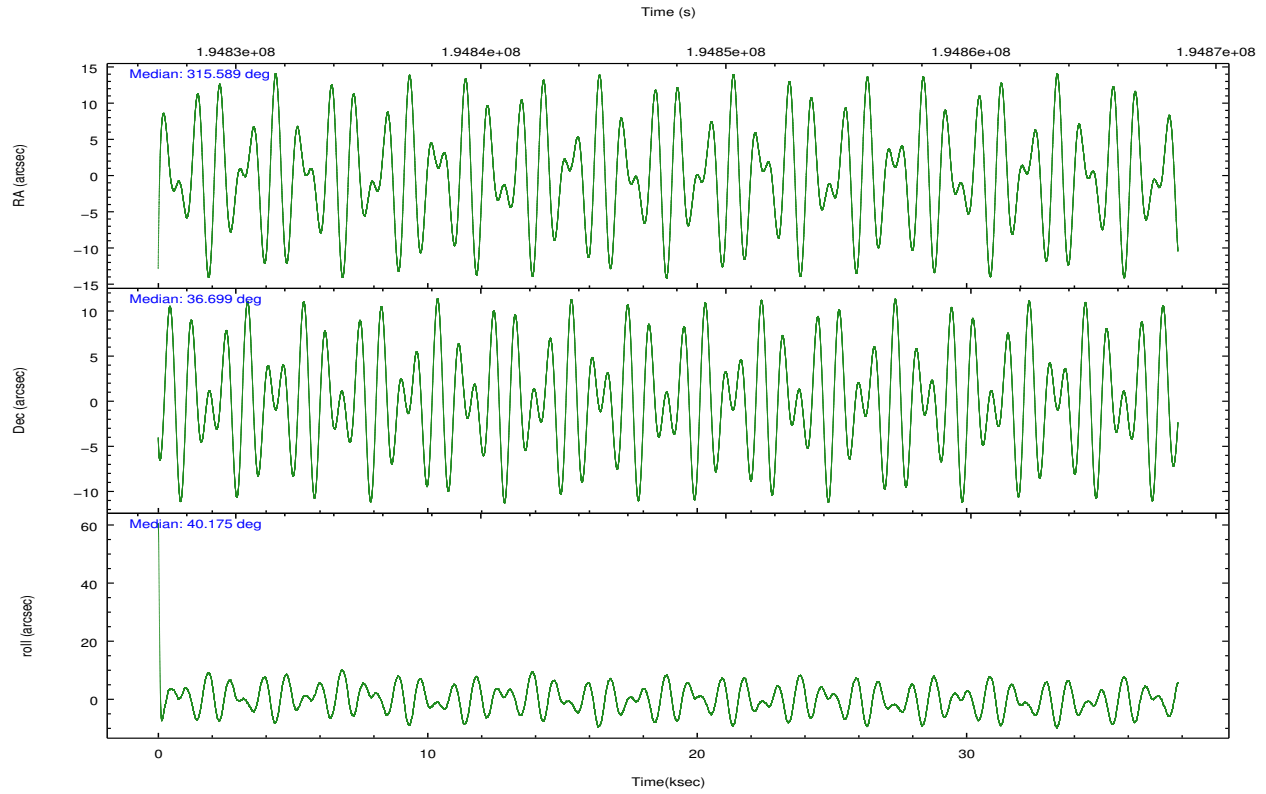
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	255616	246355	375516	251352	343753	317090	grade 0 events	13716	12920	19647	13459	13878	21845
rejected events	225412	217225	204556	219803	201257	250107		5%	5%	5%	5%	4%	6%
rejected %	88%	88%	54%	87%	58%	78%	grade 1 events	156	166	570	132	310	216
								0%	0%	0%	0%	0%	0%
							grade 2 events	6002	5631	49204	6374	28647	14816
								2%	2%	13%	2%	8%	4%
							grade 3 events	2742	2852	7094	2997	12926	7079
								1%	1%	1%	1%	3%	2%
							grade 4 events	2881	2920	6853	2968	12998	6732
								1%	1%	1%	1%	3%	2%
							grade 5 events	10137	11274	27805	11694	32764	15293
								3%	4%	7%	4%	9%	4%
							grade 6 events	5108	5054	89495	5979	75177	17067
								1%	2%	23%	2%	21%	5%
							grade 7 events	214874	205538	174848	207749	167053	234042
								84%	83%	46%	82%	48%	73%

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	315.577694	315.5887901602322	Subarray requested	NONE	NONE
[deg] Pointing Dec	36.672995	36.69874160677849	Alternating exposures requested	N	N
[deg] Pointing Roll	40.035506	40.18552396393271	[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)	194828895.184000	194827681.37678			
Observation start date	2004-03-04T23:07:11	2004-03-04T22:48:01			
[s] Observation end time (MET)	194866563.184000	194866878.4035			
Observation end date	2004-03-05T09:34:59	2004-03-05T09:41:18			
Read mode	TIMED	TIMED			

2.3 Aspect





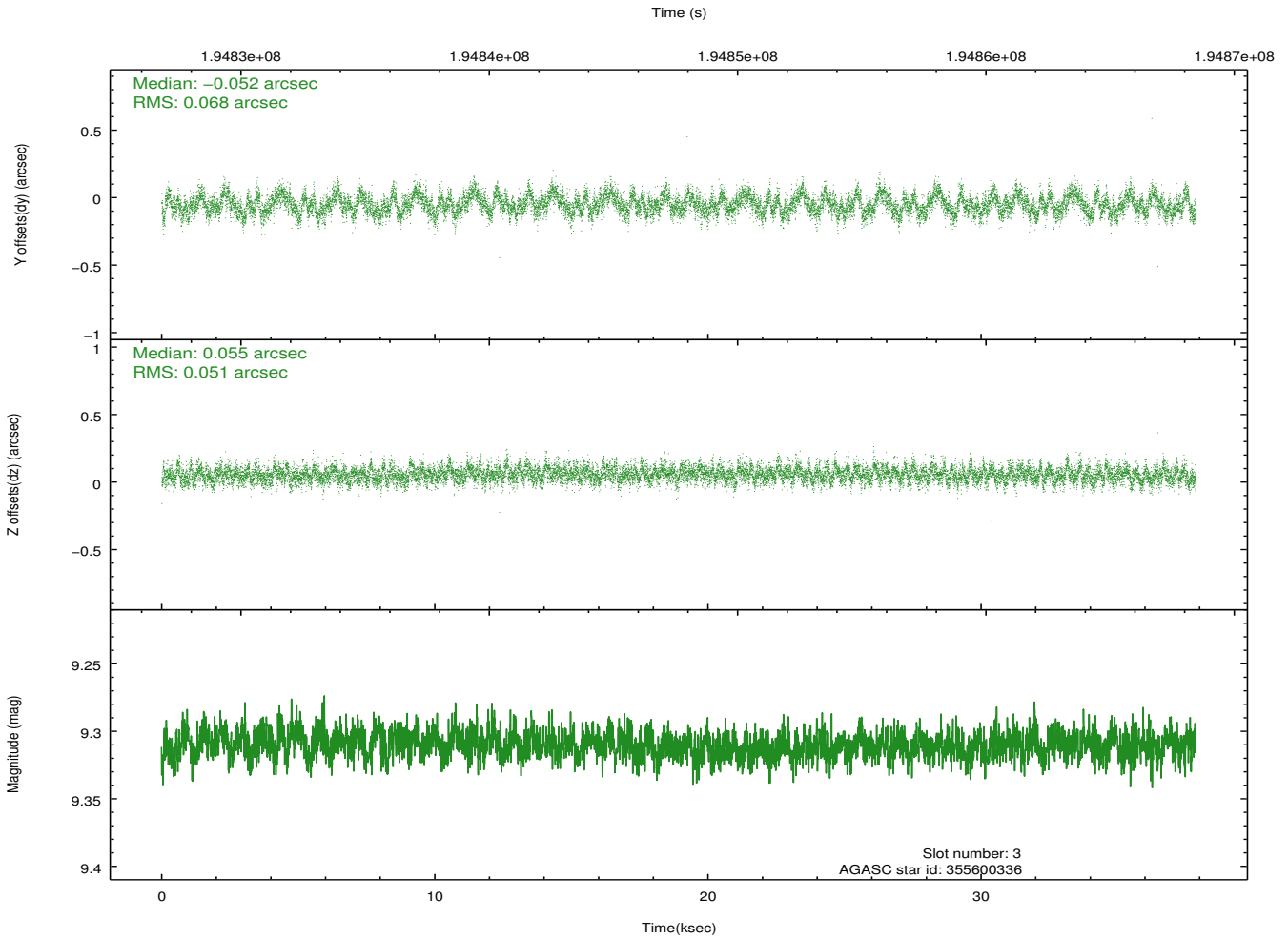
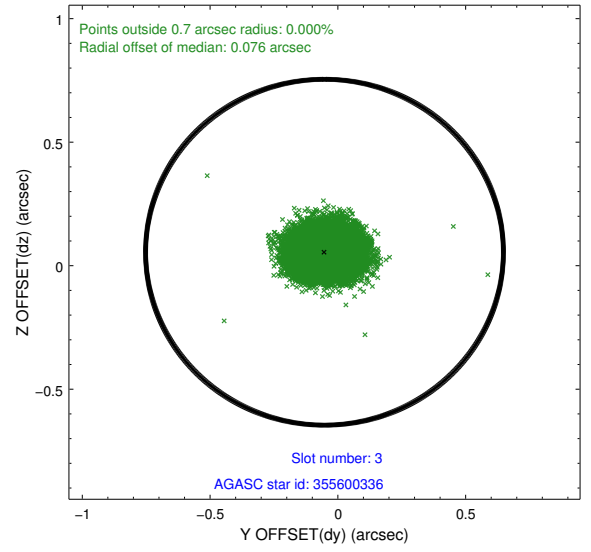
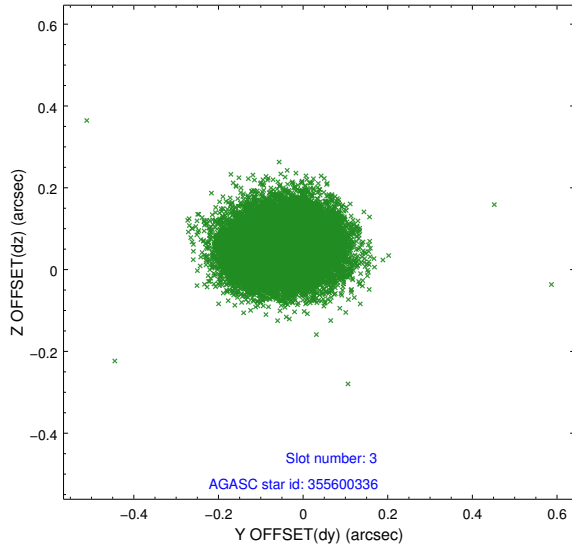
Slot Statistics

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	9223	-0.031	-0.010	0.009	0.023	0.000000	0.000000	-760.61	-1731.88
1	FID	ACIS-S-4	7.20	9223	0.075	0.017	0.017	0.028	0.000000	0.000000	2152.73	176.66
2	FID	ACIS-S-5	7.23	9226	-0.079	0.001	0.019	0.031	0.000000	0.000000	-1813.50	170.27
3	GUIDE	355600336	9.31	18442	-0.052	0.055	0.091	0.144	315.858636	37.147643	1717.44	791.14
4	GUIDE	355607880	9.45	18442	0.111	-0.290	0.095	0.151	315.361737	36.532438	-802.77	14.69
5	GUIDE	355616736	8.66	18447	0.080	-0.020	0.067	0.107	315.502535	36.969558	521.49	956.72
6	GUIDE	355620520	9.12	18437	0.132	0.138	0.079	0.129	316.250047	36.732160	1627.37	-1078.95
7	GUIDE	355617840	9.46	18443	-0.266	0.121	0.116	0.186	316.079873	36.149261	-92.05	-2379.55

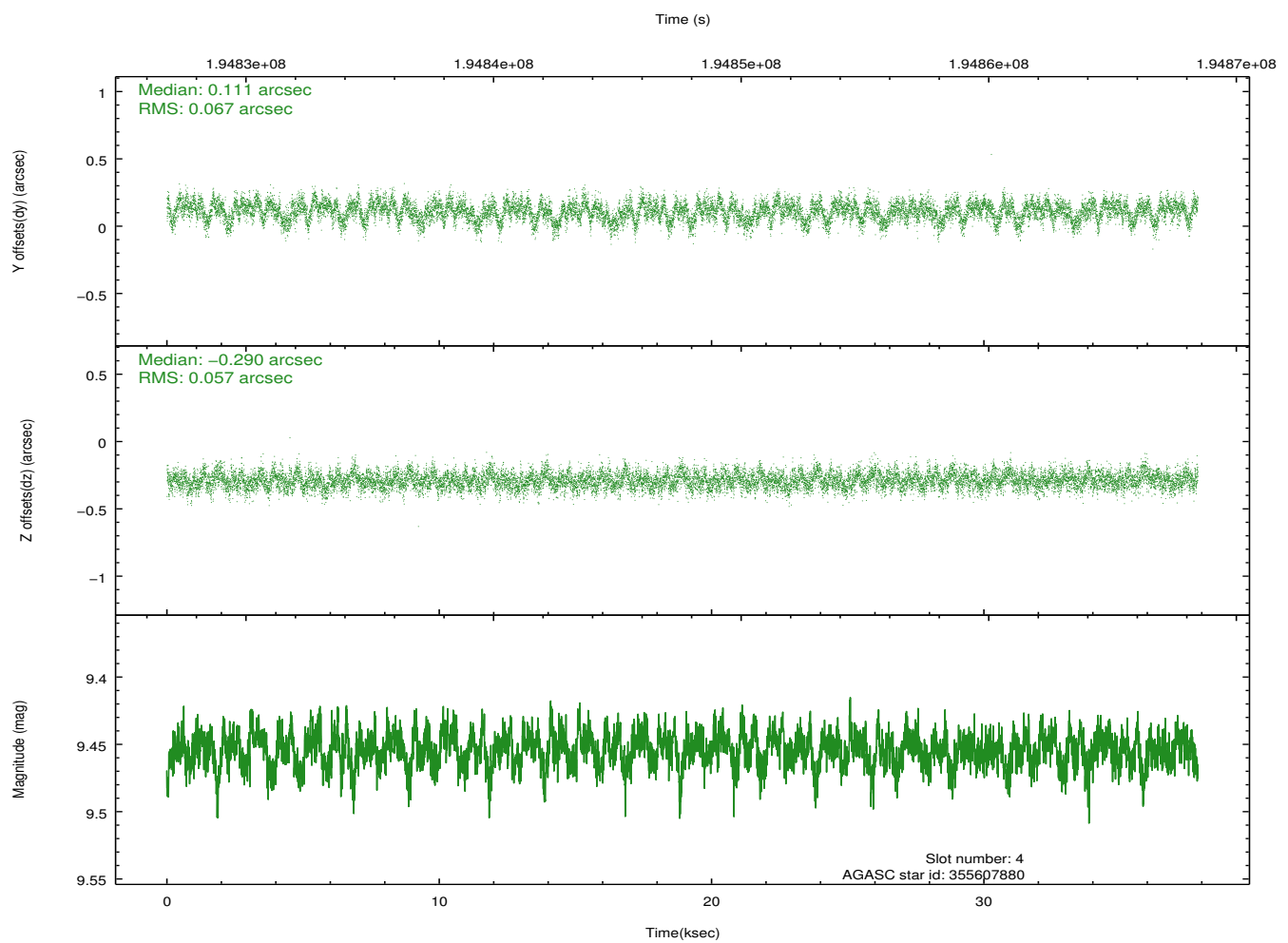
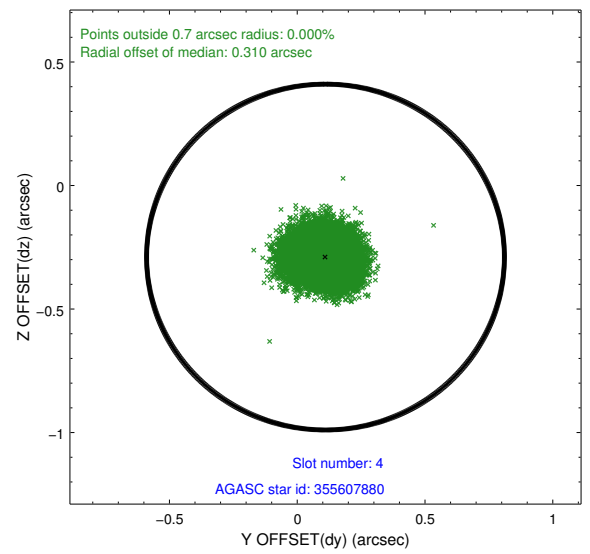
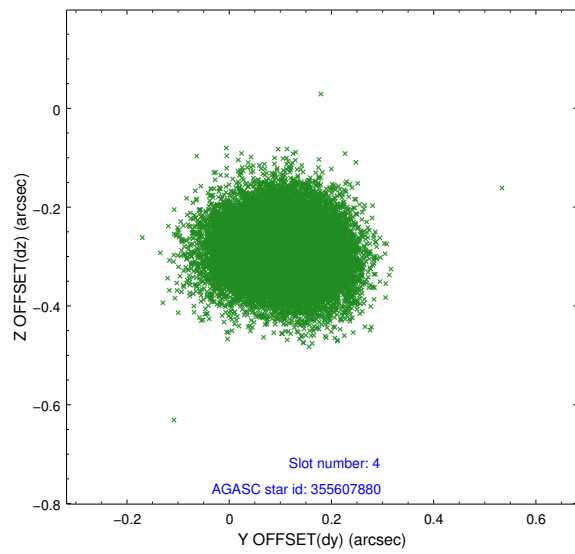
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2.4 Star Slots

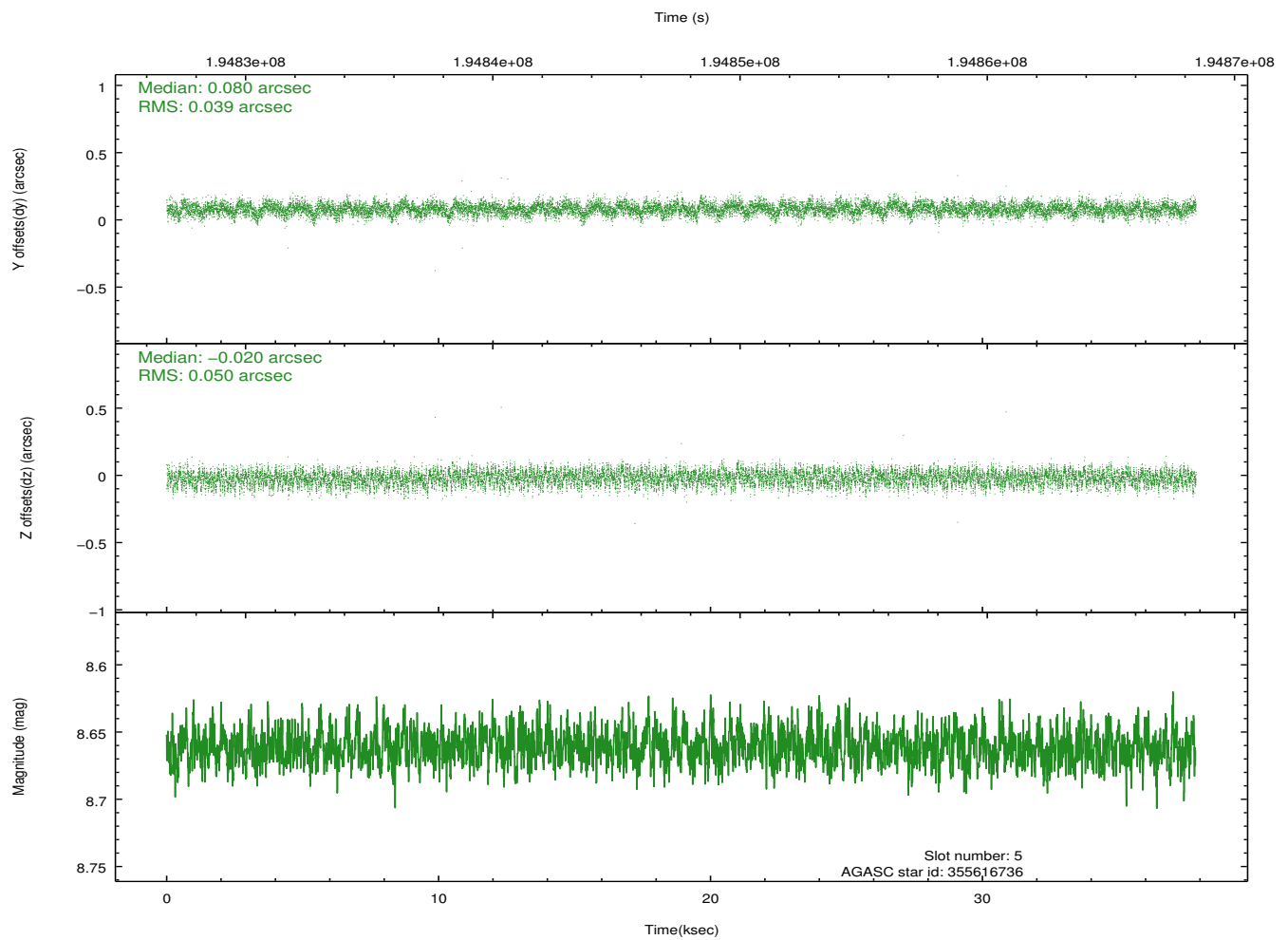
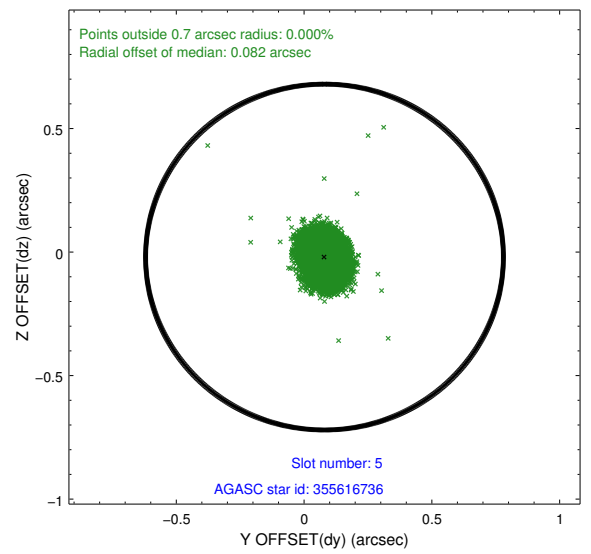
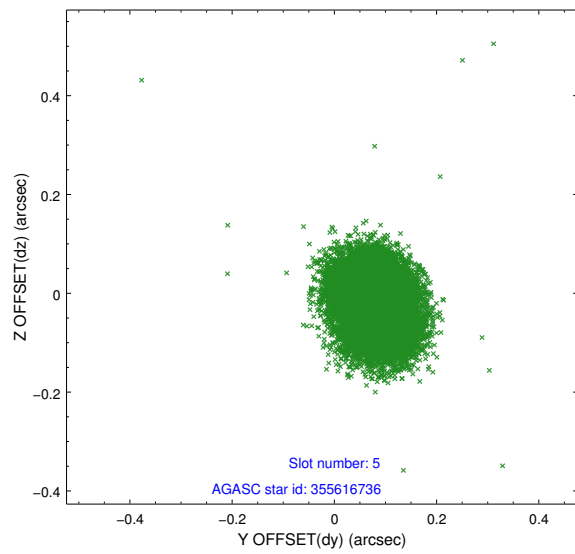
2.4.1 Slot 3



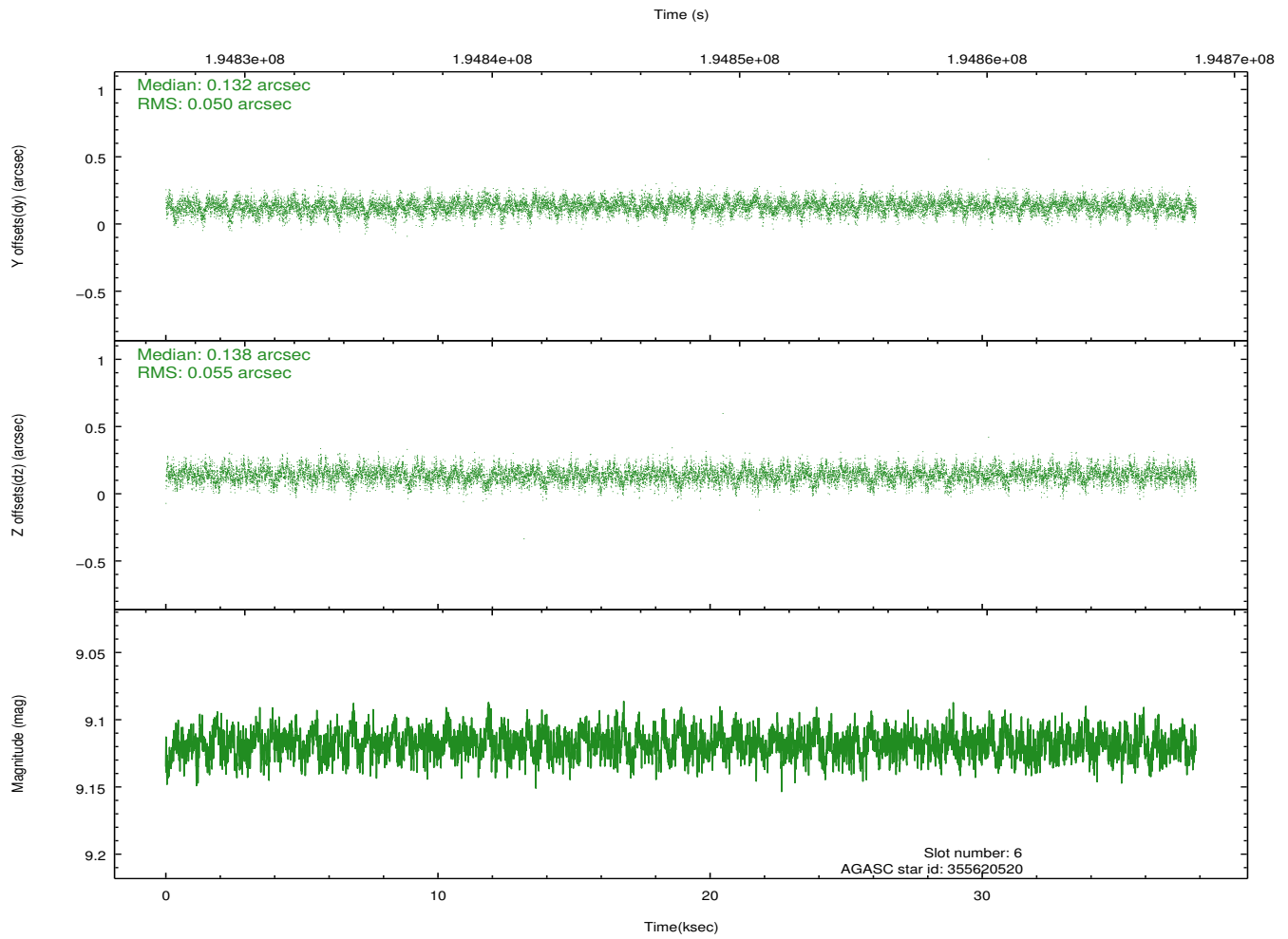
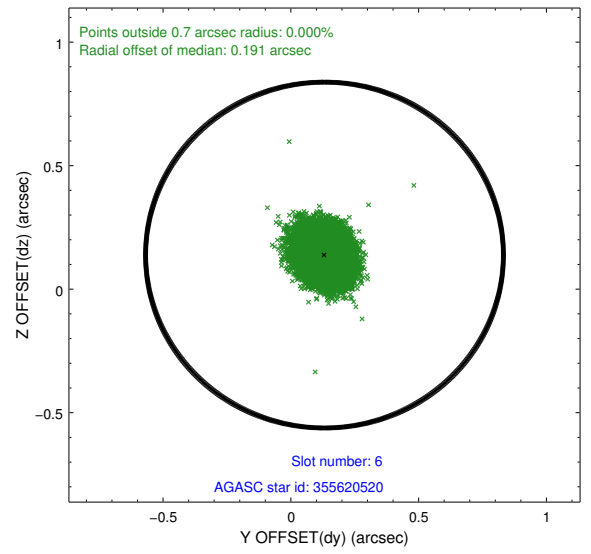
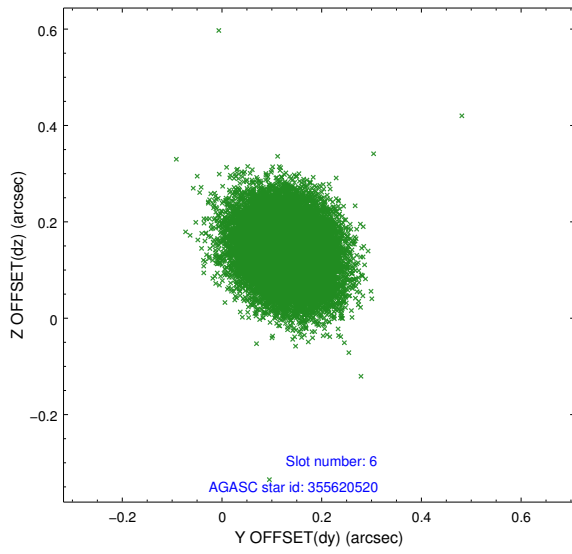
2.4.2 Slot 4



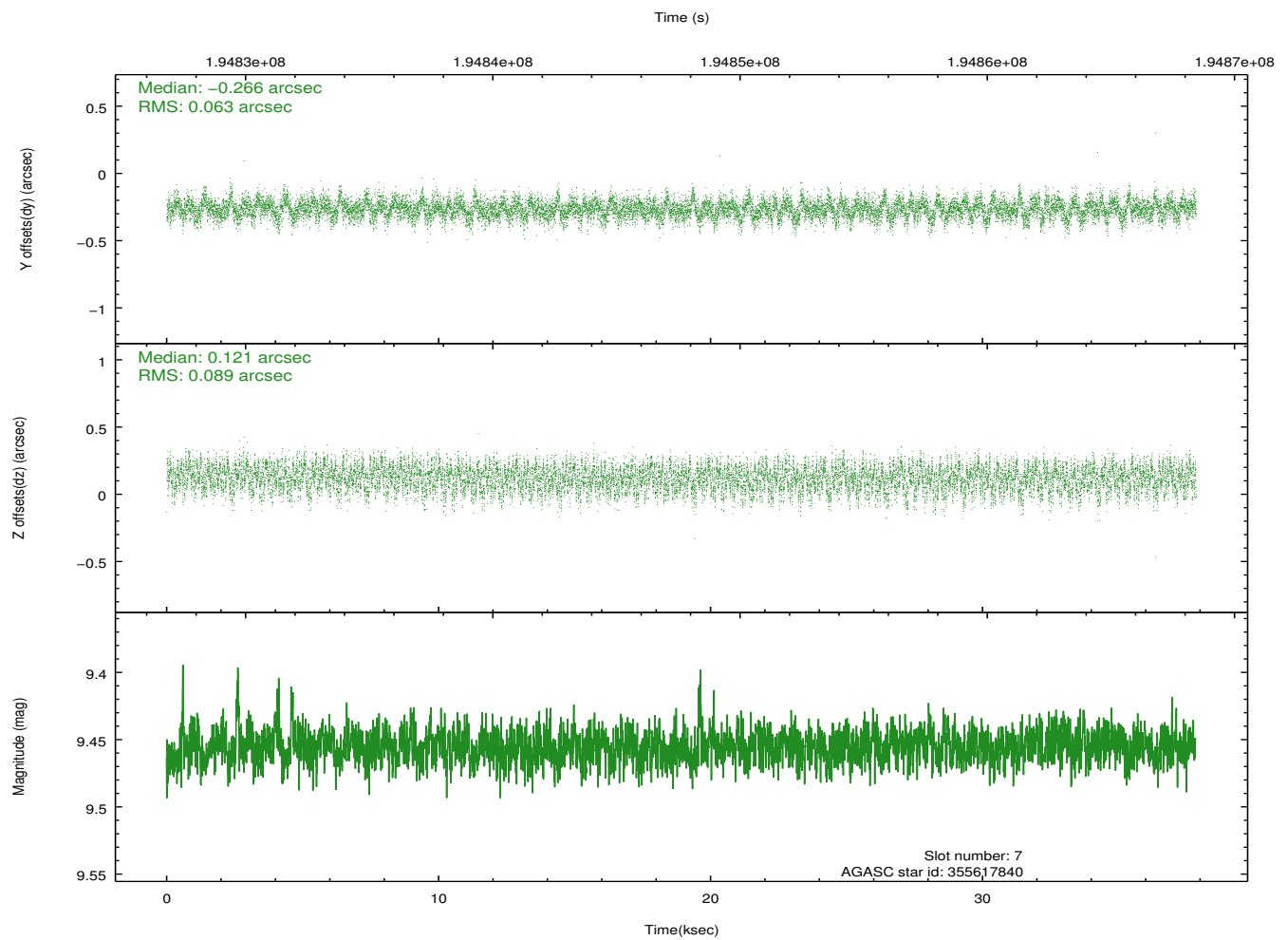
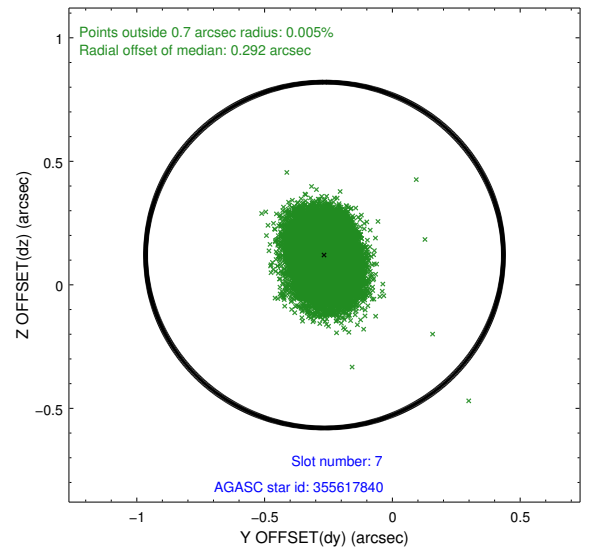
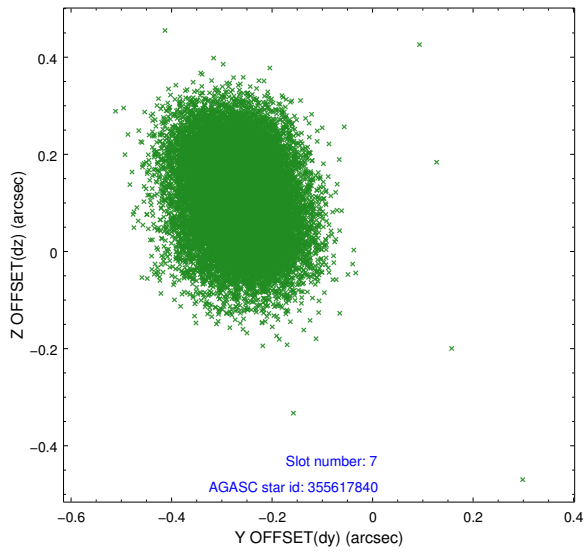
2.4.3 Slot 5



2.4.4 Slot 6

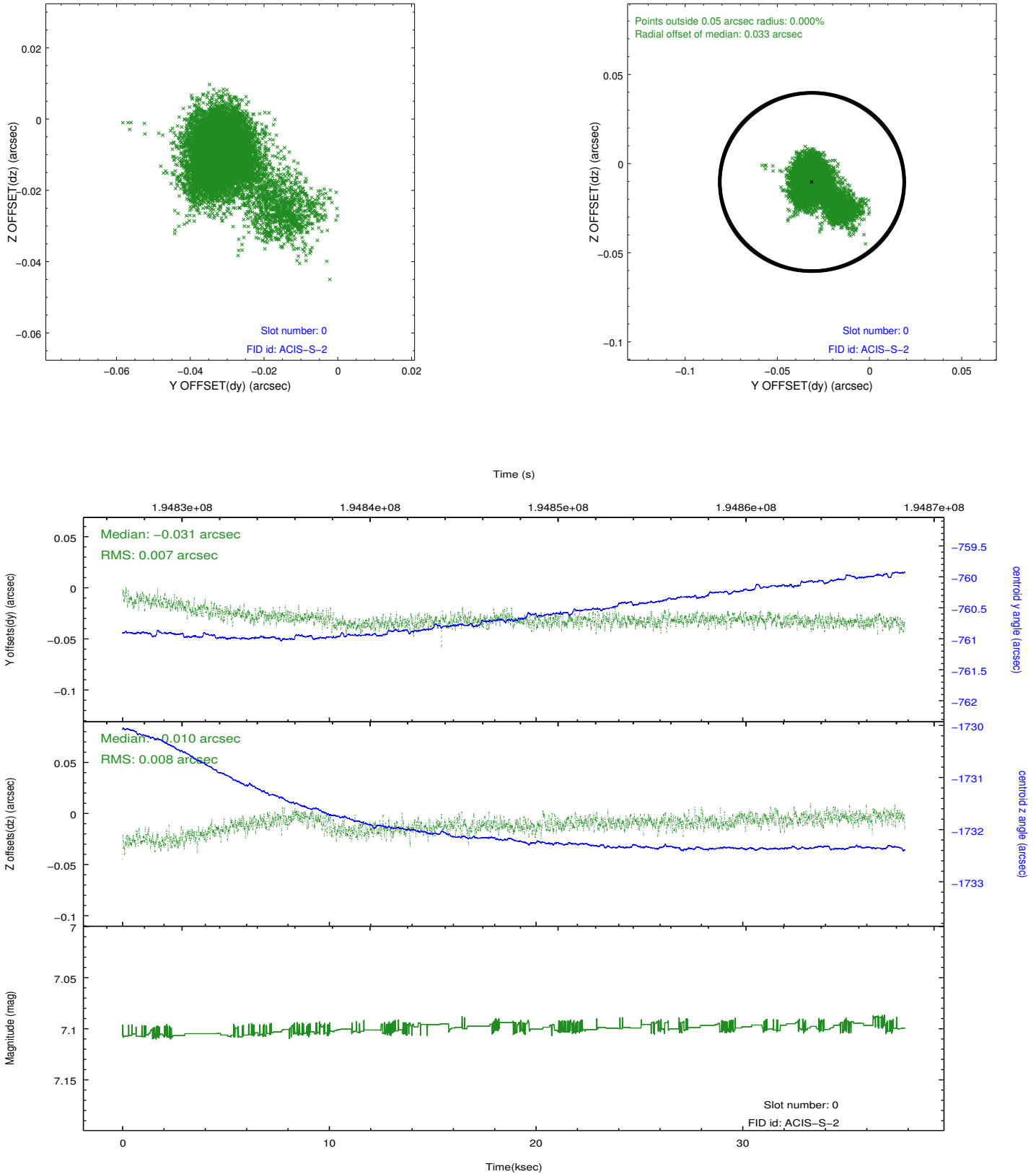


2.4.5 Slot 7

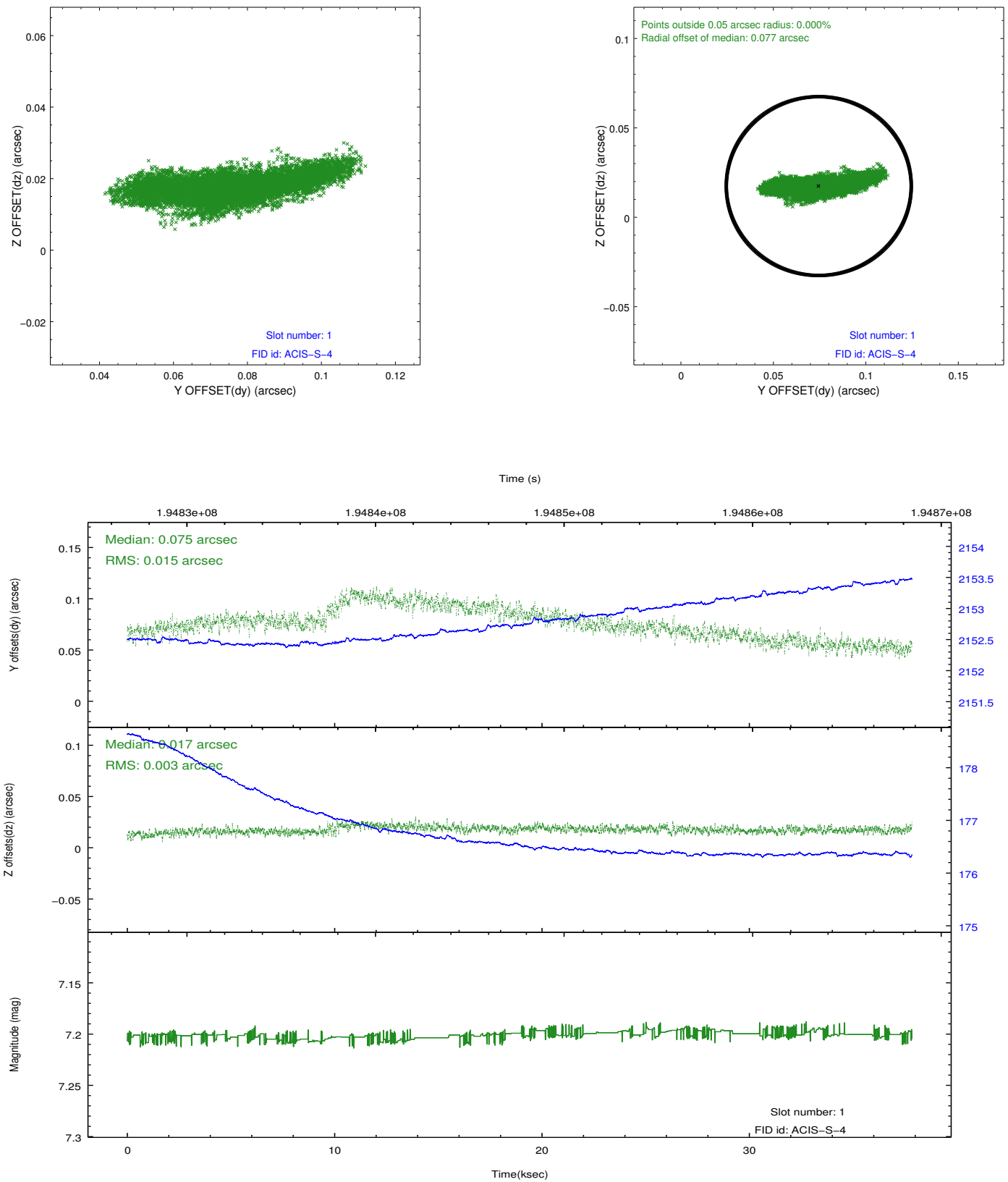


2.5 FID Slots

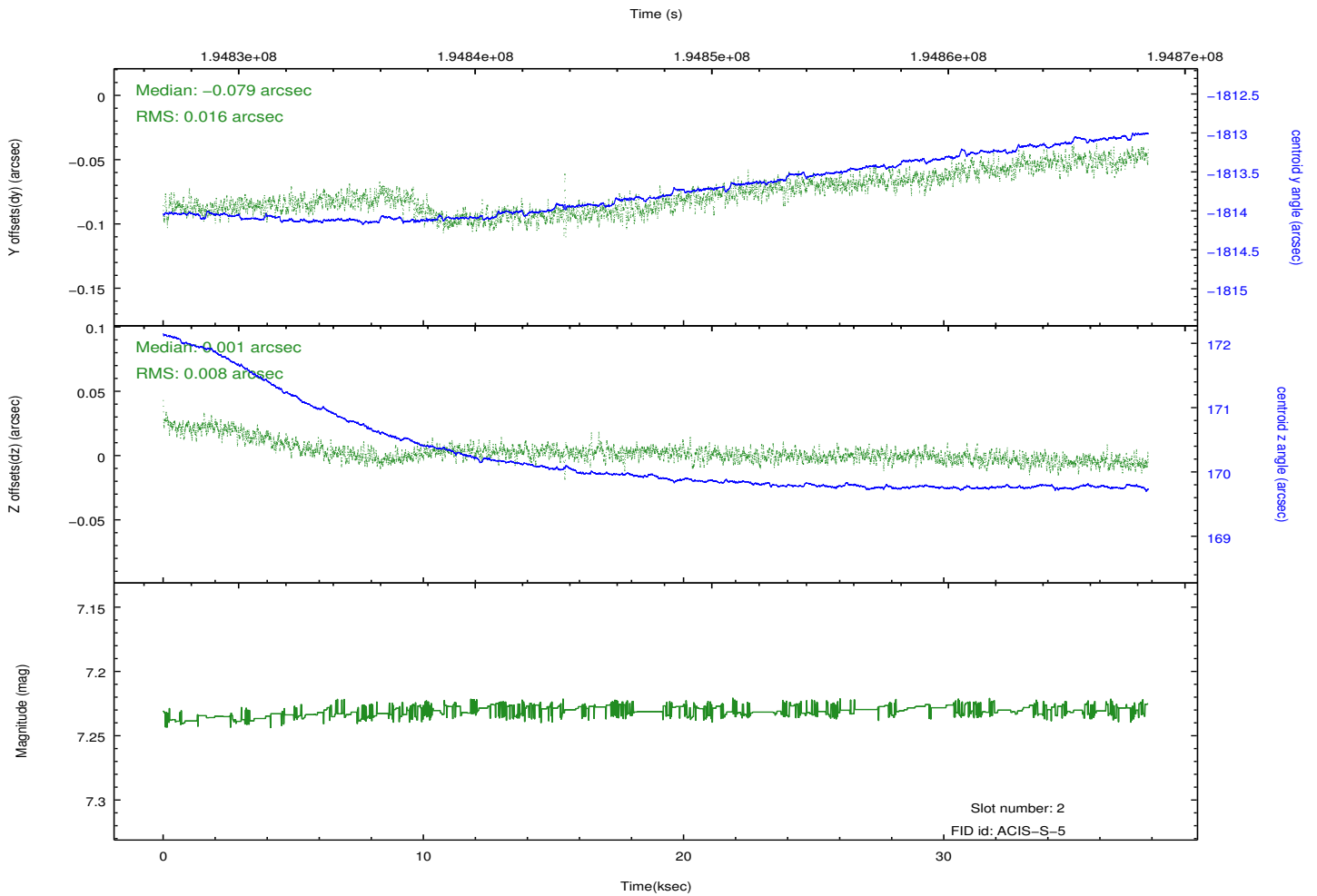
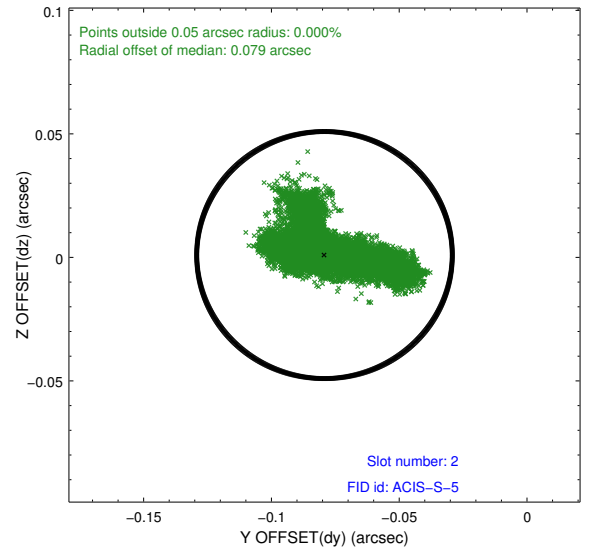
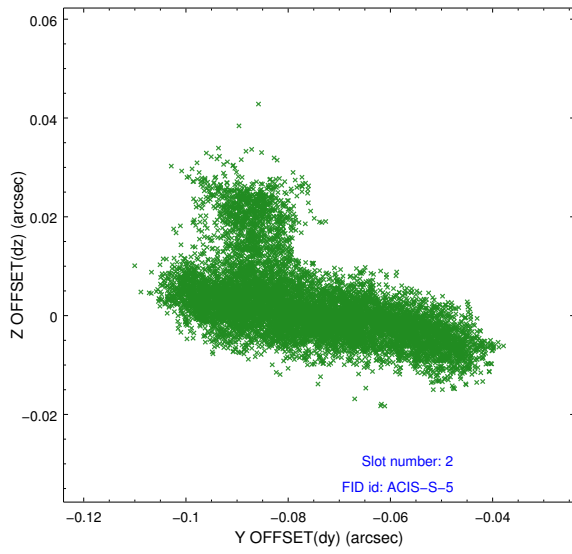
2.5.1 Slot 0



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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.843

A.2 Comments