

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7116 - L2 Version 2
Chandra X-Ray Center

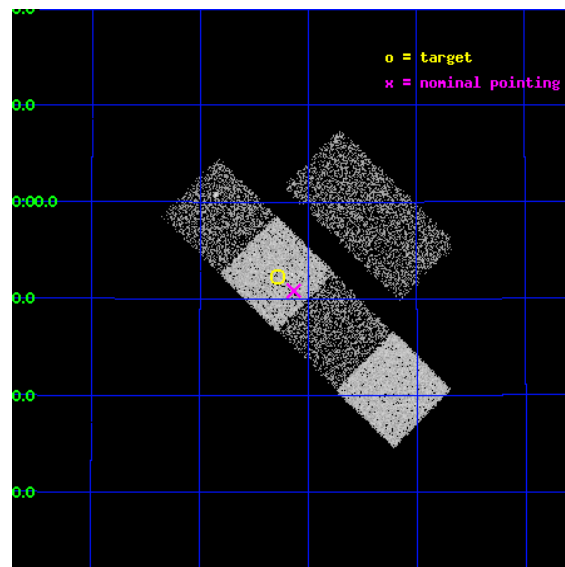
L2 Processing Date : Mar 17 2012

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1 Front

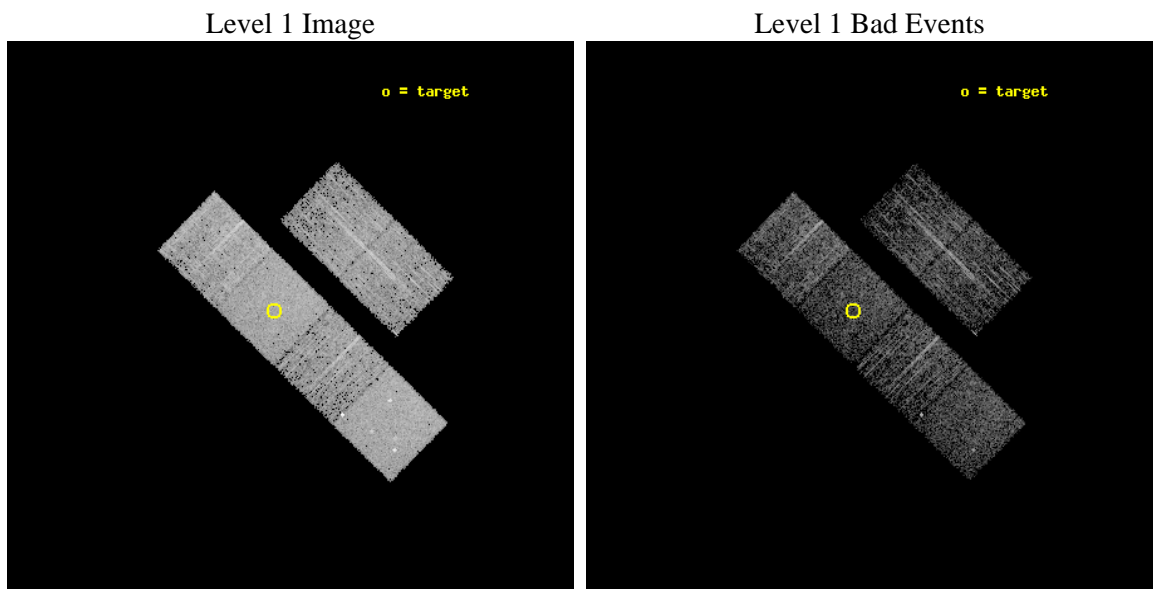
seq_num	600554	Sequence number
obs_id	7116	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Dr. Douglas Swartz	Principal investigator
object	NGC 1003	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	39.820417	Observer's specified target RA [deg]
dec_targ	40.872194	Observer's specified target Dec [deg]
ra_nom	39.783423178144	Nominal RA [deg]
dec_nom	40.847274408052	Nominal Dec [deg]
roll_nom	224.45910089572	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2703.9999899268	Sum of GTIs [s]
livetime	2669.760313901	Livetime [s]
ontime2	2703.9999899268	Sum of GTIs [s]
ontime3	2703.9999899268	Sum of GTIs [s]
ontime5	2703.9999899268	Sum of GTIs [s]
ontime6	2703.9999899268	Sum of GTIs [s]
ontime7	2703.9999899268	Sum of GTIs [s]
ontime8	2700.739459157	Sum of GTIs [s]
l2events	34895	Number of level 2 events



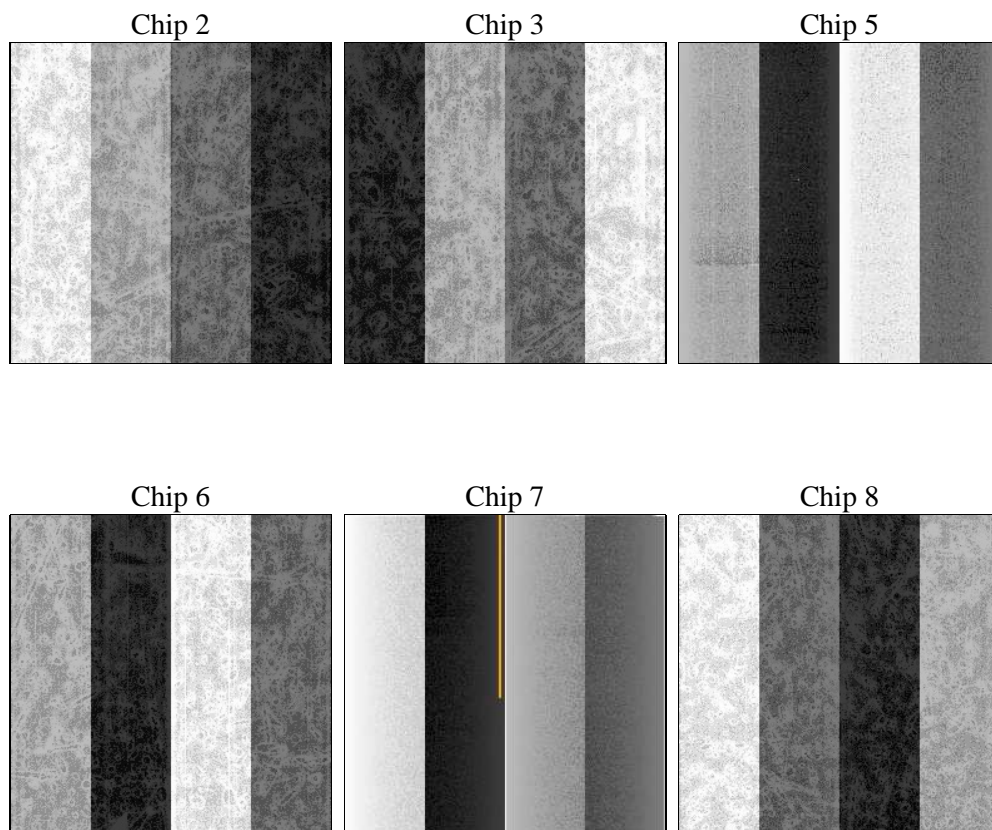
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2950.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	2703.9999899268	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	2703.9999899268	Sum of GTIs [s]
date	2012-03-17T15:21:05	Date and time of file creation	ontime3	2703.9999899268	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2703.9999899268	Sum of GTIs [s]
			ontime6	2703.9999899268	Sum of GTIs [s]
			ontime7	2703.9999899268	Sum of GTIs [s]
			ontime8	2700.739459157	Sum of GTIs [s]
			l1events	158966	Number of level 1 events

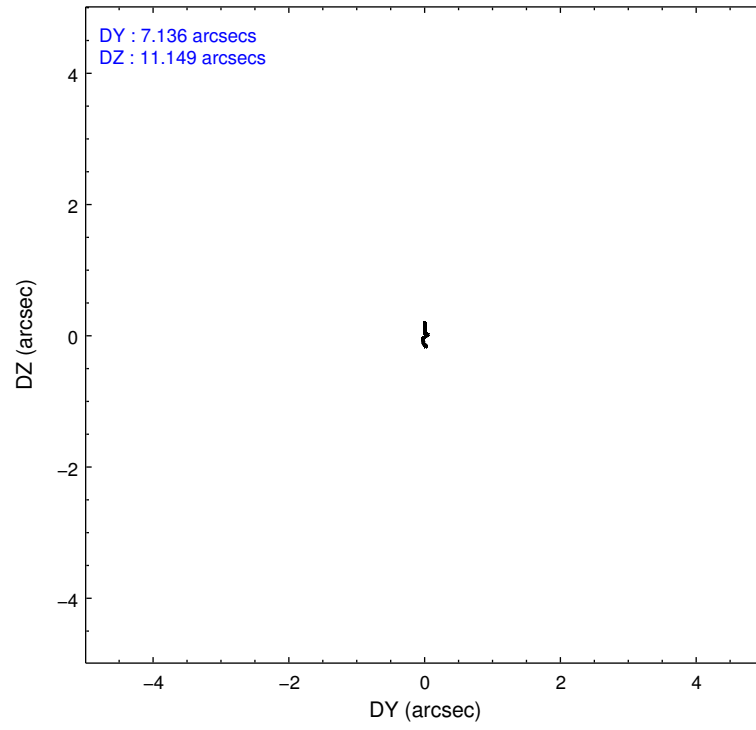
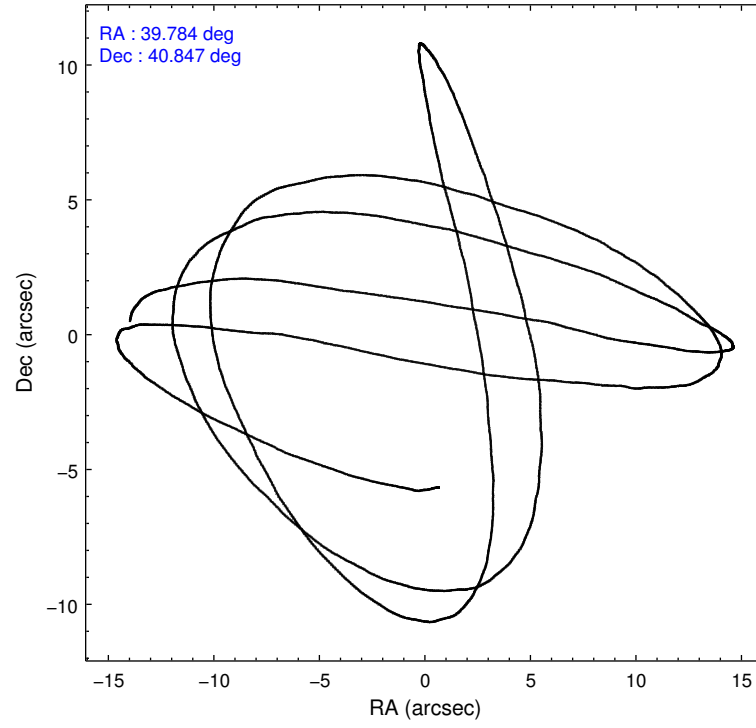
2.1.4 Events

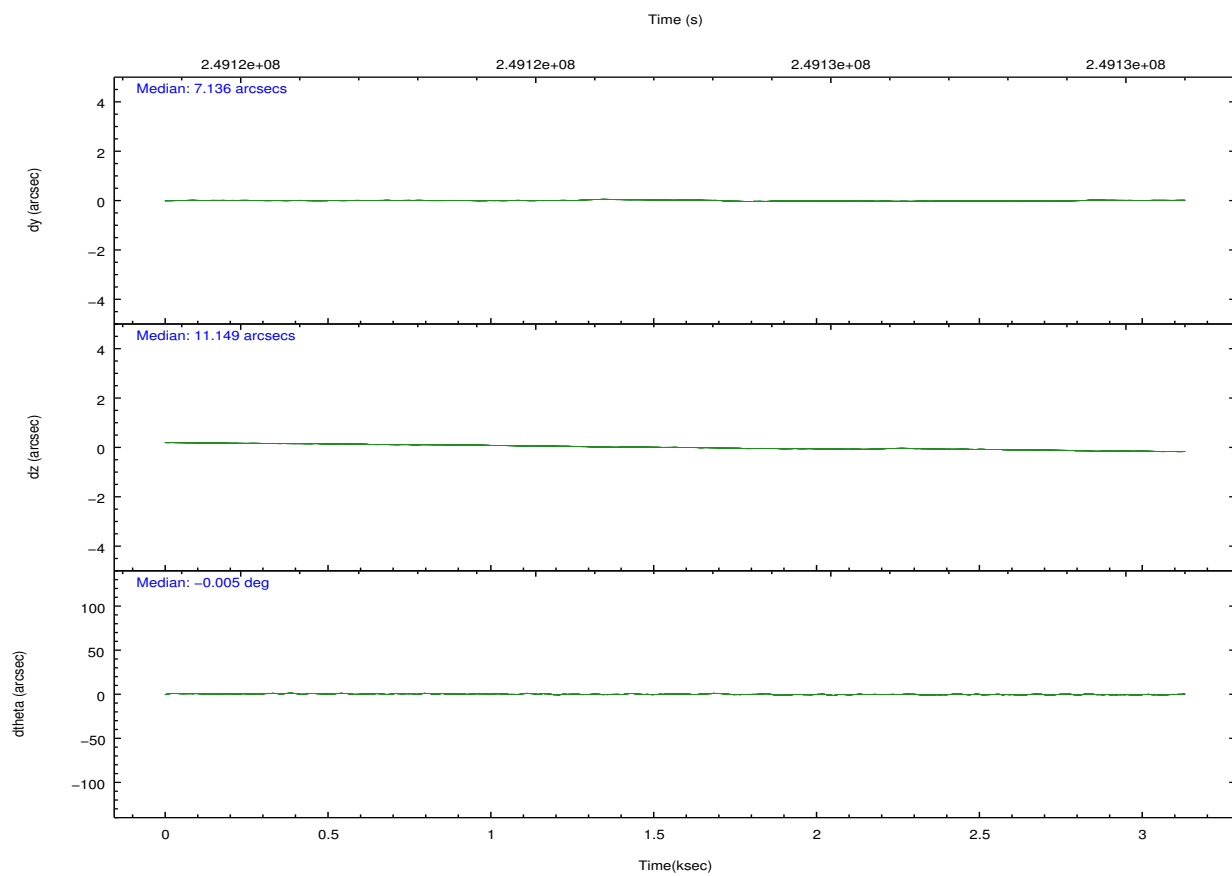
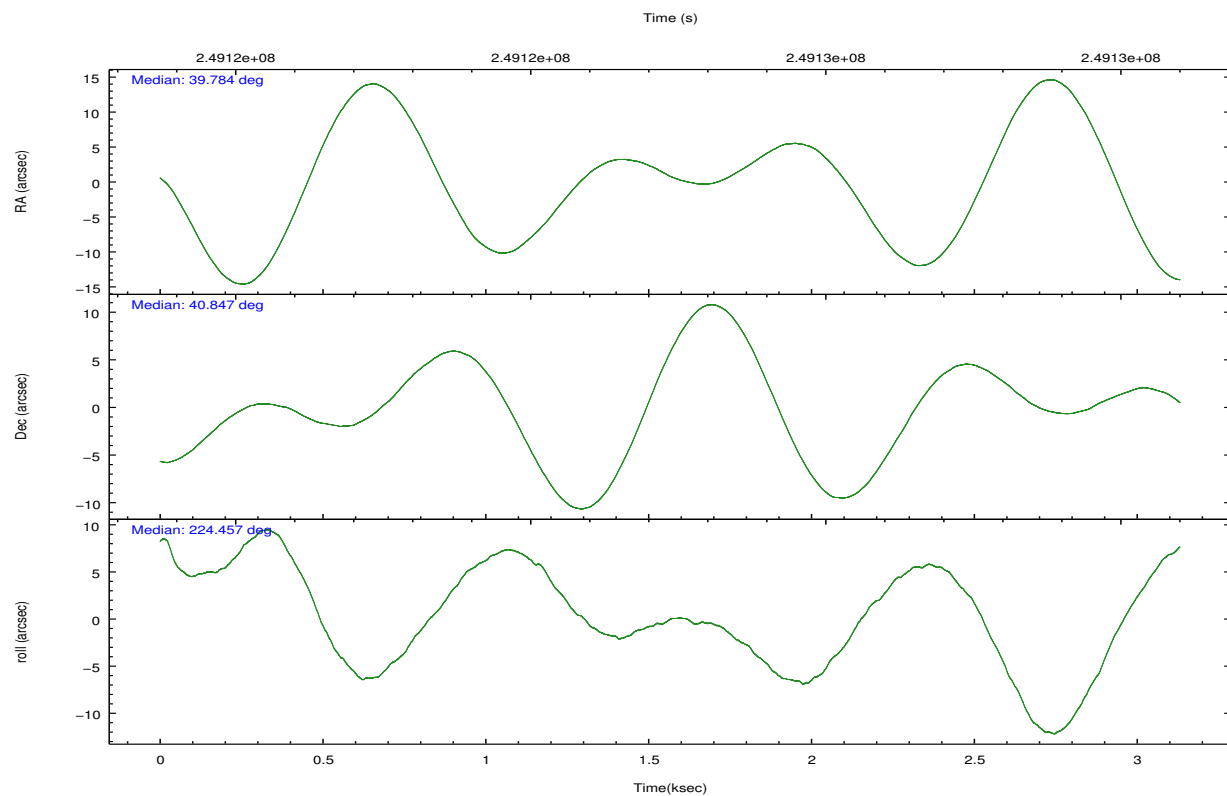
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22203	20887	33393	21745	29722	31016	grade 0 events	1145	1060	1671	1006	1059	1764
rejected events	19586	18422	17939	19248	17480	25389		5%	5%	5%	4%	3%	5%
rejected %	88%	88%	53%	88%	58%	81%	grade 1 events	14	9	99	10	31	33
								0%	0%	0%	0%	0%	0%
							grade 2 events	533	495	4521	508	2539	1251
								2%	2%	13%	2%	8%	4%
							grade 3 events	218	256	641	241	1099	582
								0%	1%	1%	1%	3%	1%
							grade 4 events	238	229	673	231	1078	504
								1%	1%	2%	1%	3%	1%
							grade 5 events	826	1010	2493	1035	2728	1272
								3%	4%	7%	4%	9%	4%
							grade 6 events	494	431	7983	515	6494	1534
								2%	2%	23%	2%	21%	4%
							grade 7 events	18735	17397	15312	18199	14694	24076
								84%	83%	45%	83%	49%	77%

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	39.792697	39.78342317814358	Subarray requested	NONE	NONE
[deg] Pointing Dec	40.873632	40.84727440805216	Alternating exposures requested	N	N
[deg] Pointing Roll	224.296403	224.4591008957195	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	249124086.184000	249123425.19908			
Observation start date	2005-11-23T09:07:02	2005-11-23T08:57:05			
[s] Observation end time (MET)	249127036.184000	249128342.6368			
Observation end date	2005-11-23T09:56:12	2005-11-23T10:19:02			
Read mode	TIMED	TIMED			

2.3 Aspect



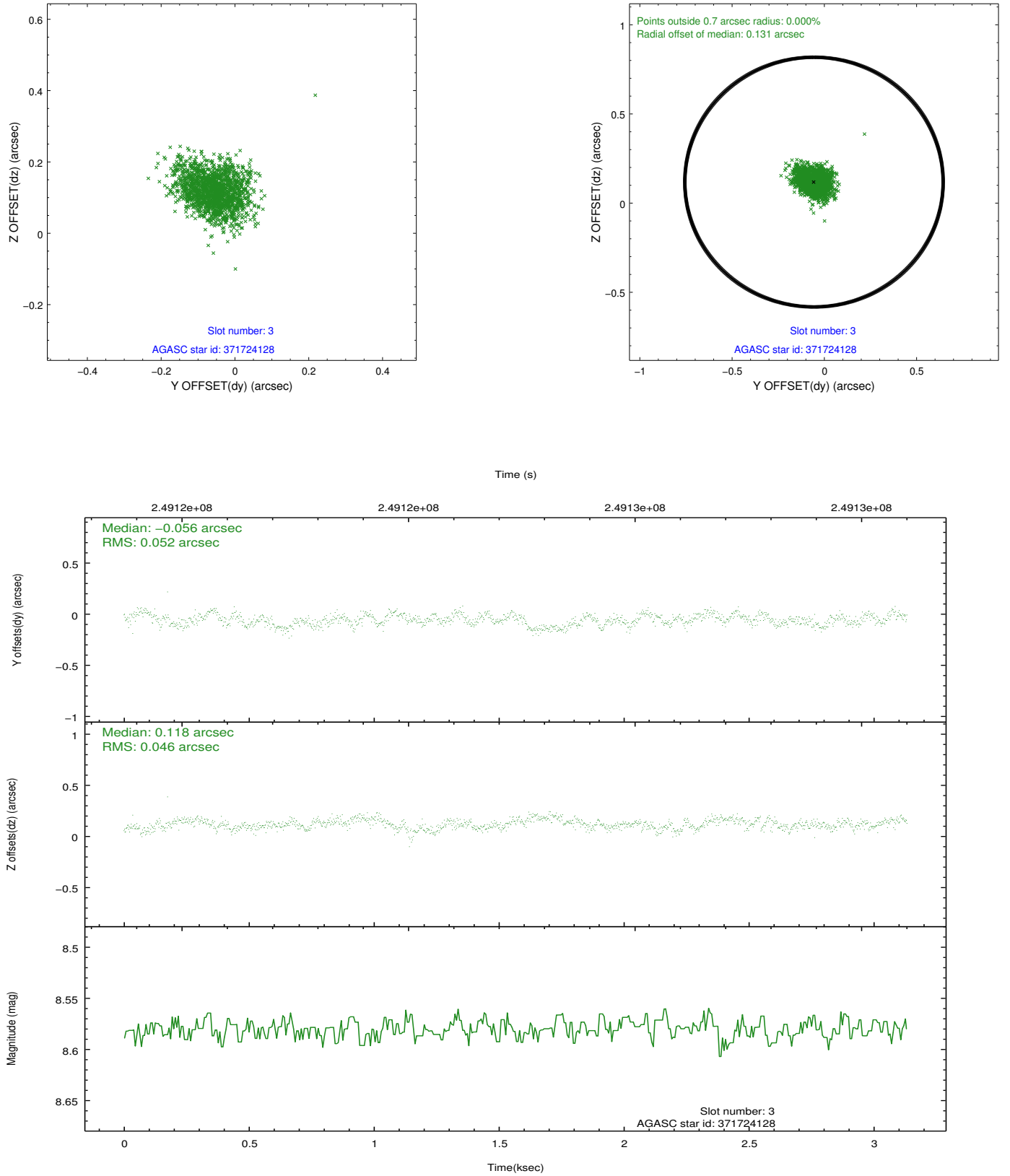


Slot Statistics

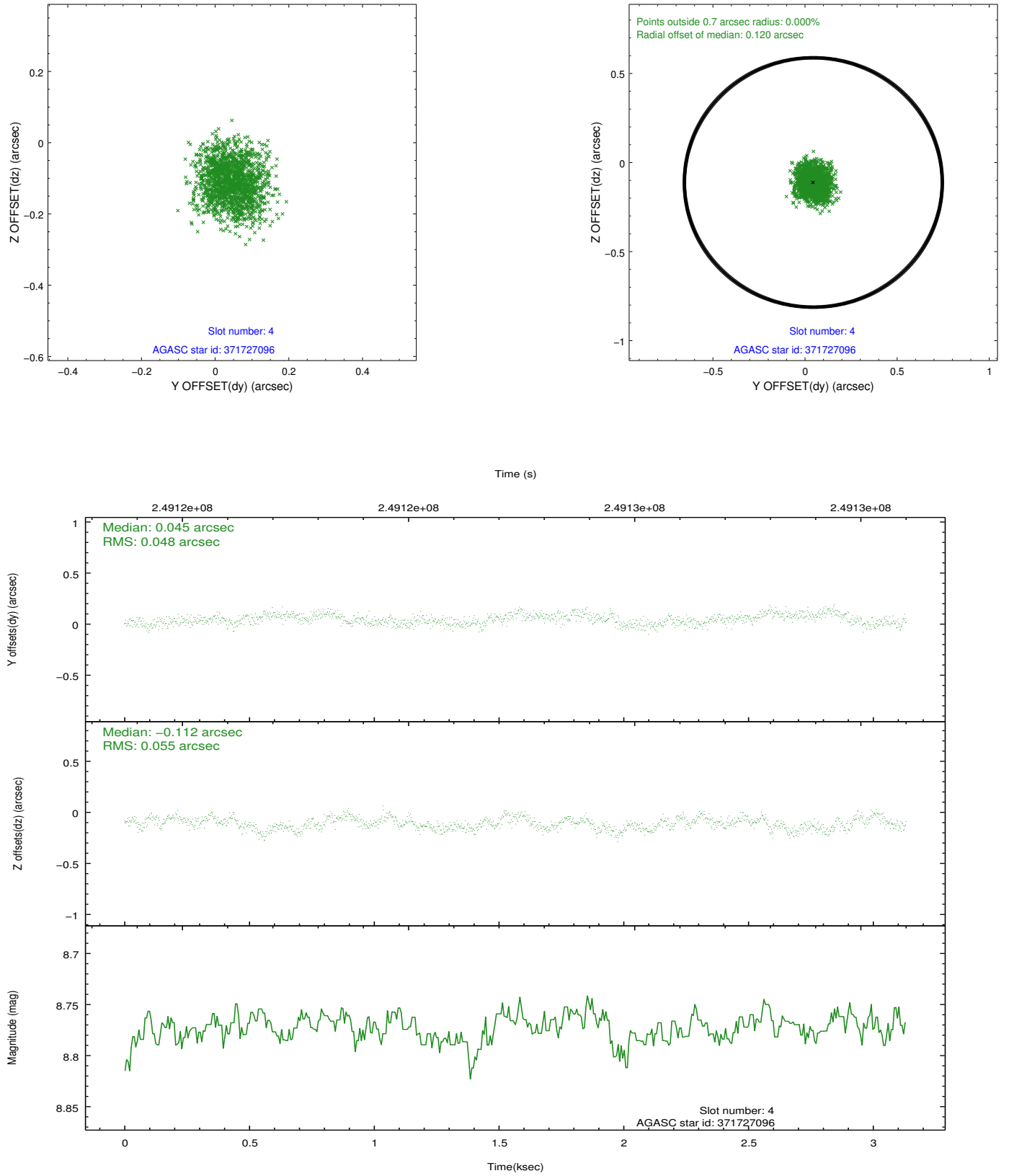
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	764	-0.053	-0.026	0.007	0.012	0.000000	0.000000	-759.91	-1732.42
1	FID	ACIS-S-4	7.21	764	0.098	0.032	0.006	0.011	0.000000	0.000000	2152.56	174.06
2	FID	ACIS-S-5	7.24	764	-0.076	0.002	0.006	0.011	0.000000	0.000000	-1810.19	169.95
3	GUIDE	371724128	8.58	1529	-0.056	0.118	0.074	0.119	38.988899	40.781344	1793.24	-1299.08
4	GUIDE	371727096	8.77	1528	0.045	-0.112	0.079	0.124	39.625634	40.473534	1334.23	710.55
5	GUIDE	371728848	9.27	1528	0.011	0.019	0.099	0.156	39.883284	40.138380	1670.94	2069.36
6	GUIDE	373434384	8.59	1529	-0.011	-0.045	0.093	0.138	40.370370	40.880782	-1145.94	1077.81
7	GUIDE	373953480	9.11	1528	0.020	0.028	0.078	0.126	40.139595	41.314578	-1781.73	-481.23

2.4 Star Slots

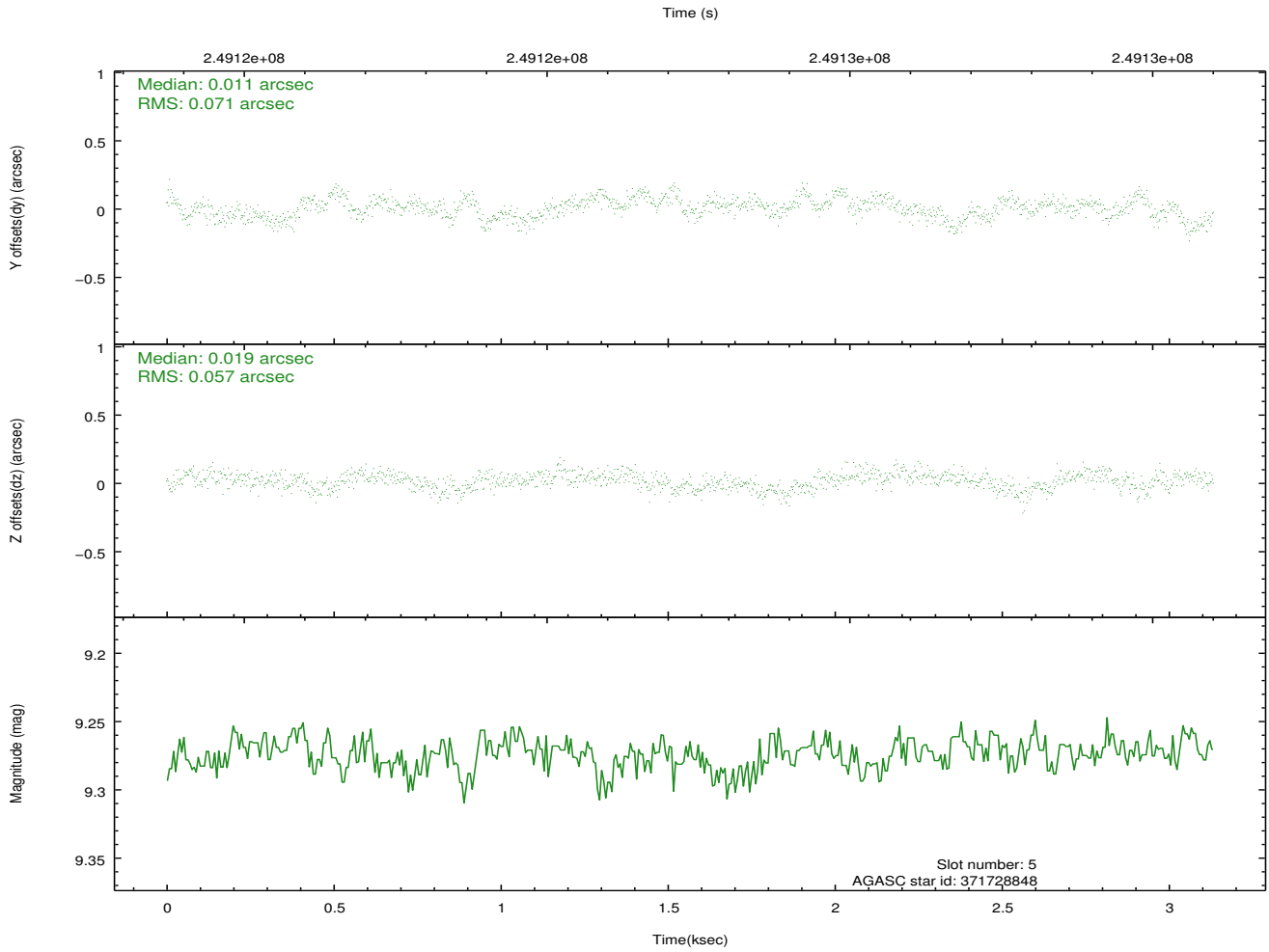
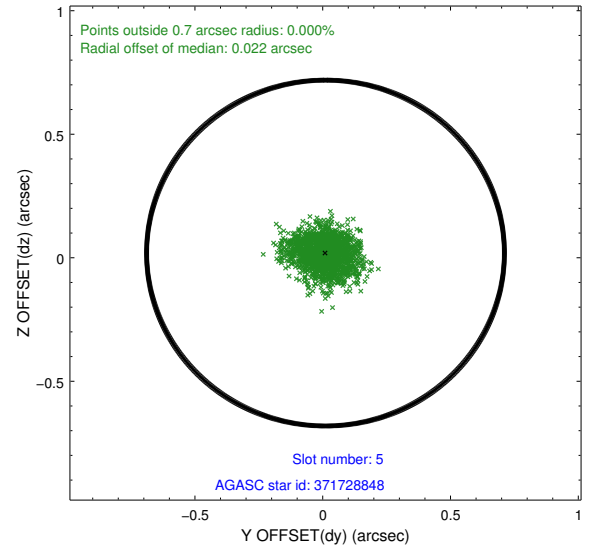
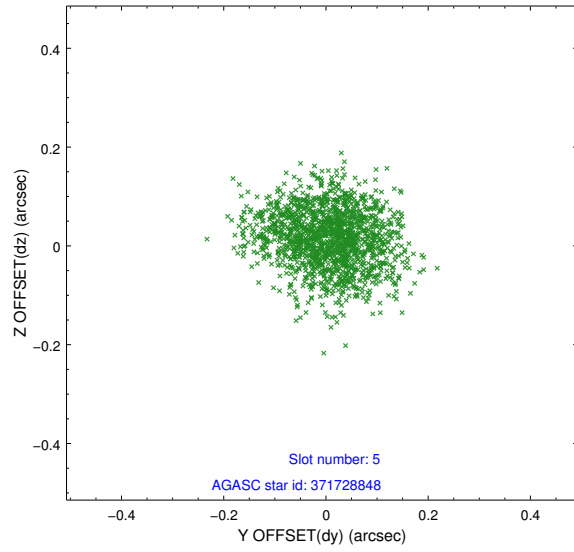
2.4.1 Slot 3



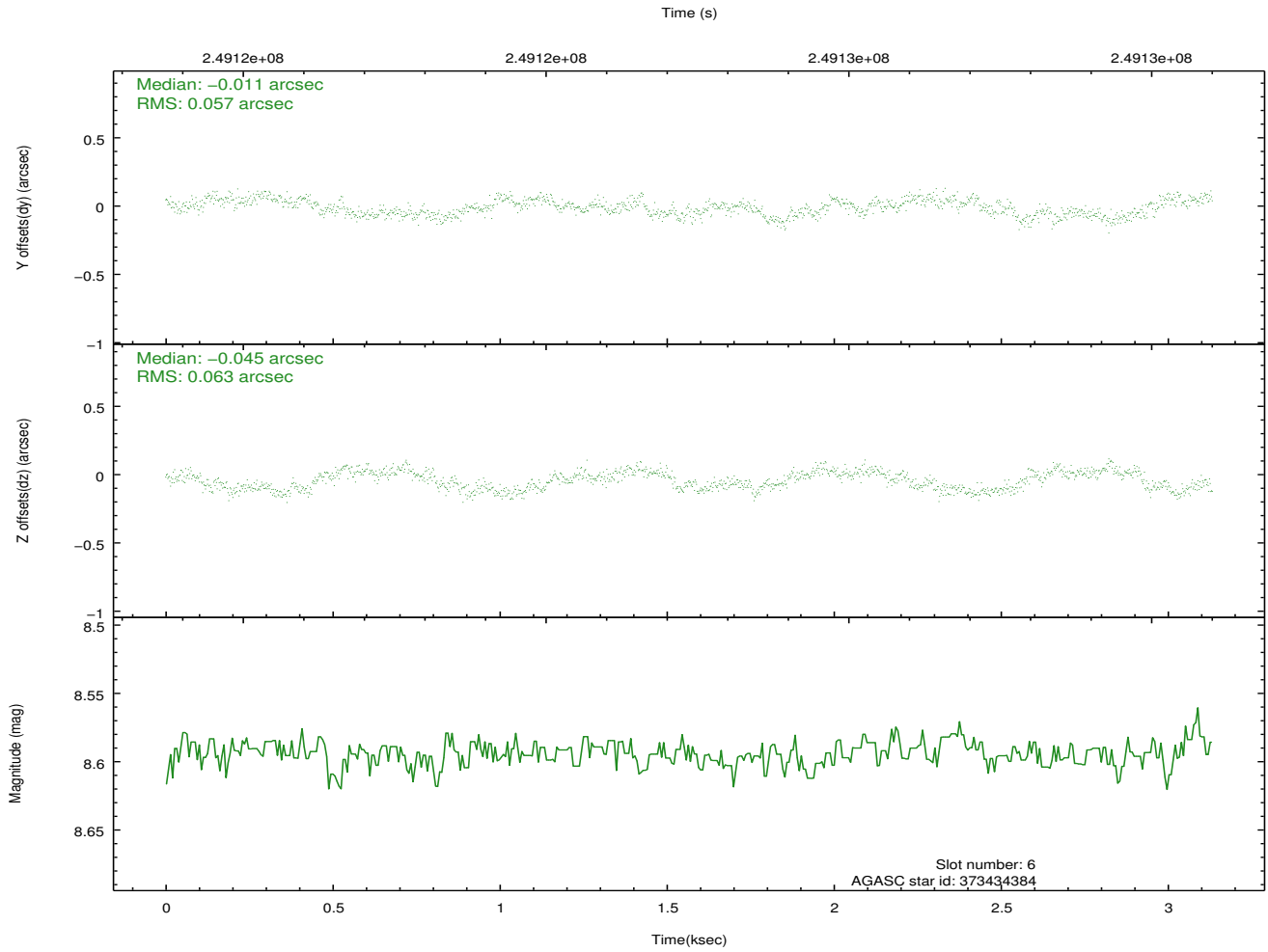
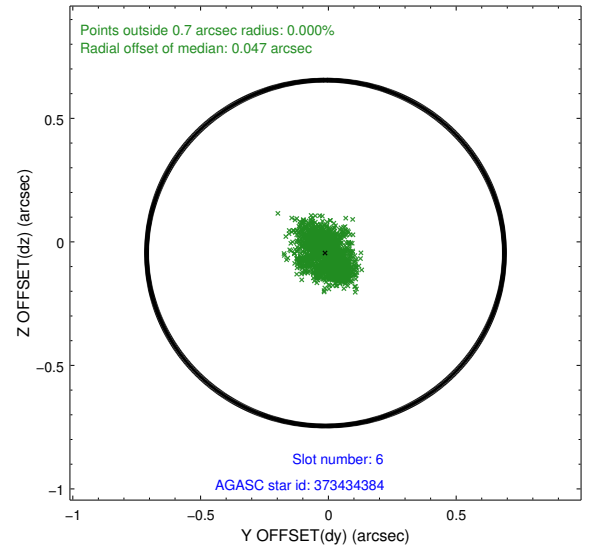
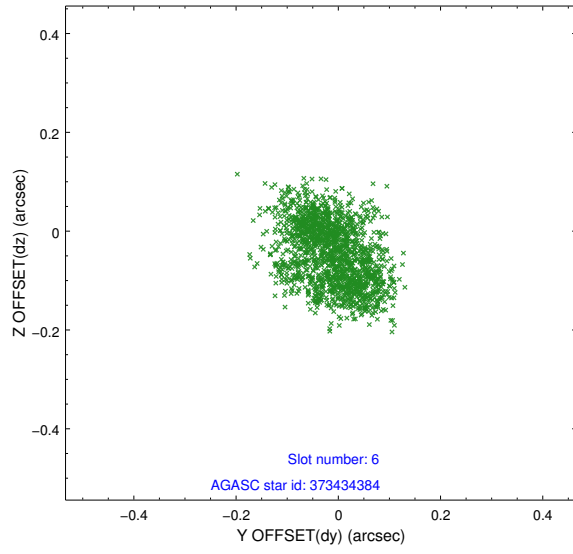
2.4.2 Slot 4



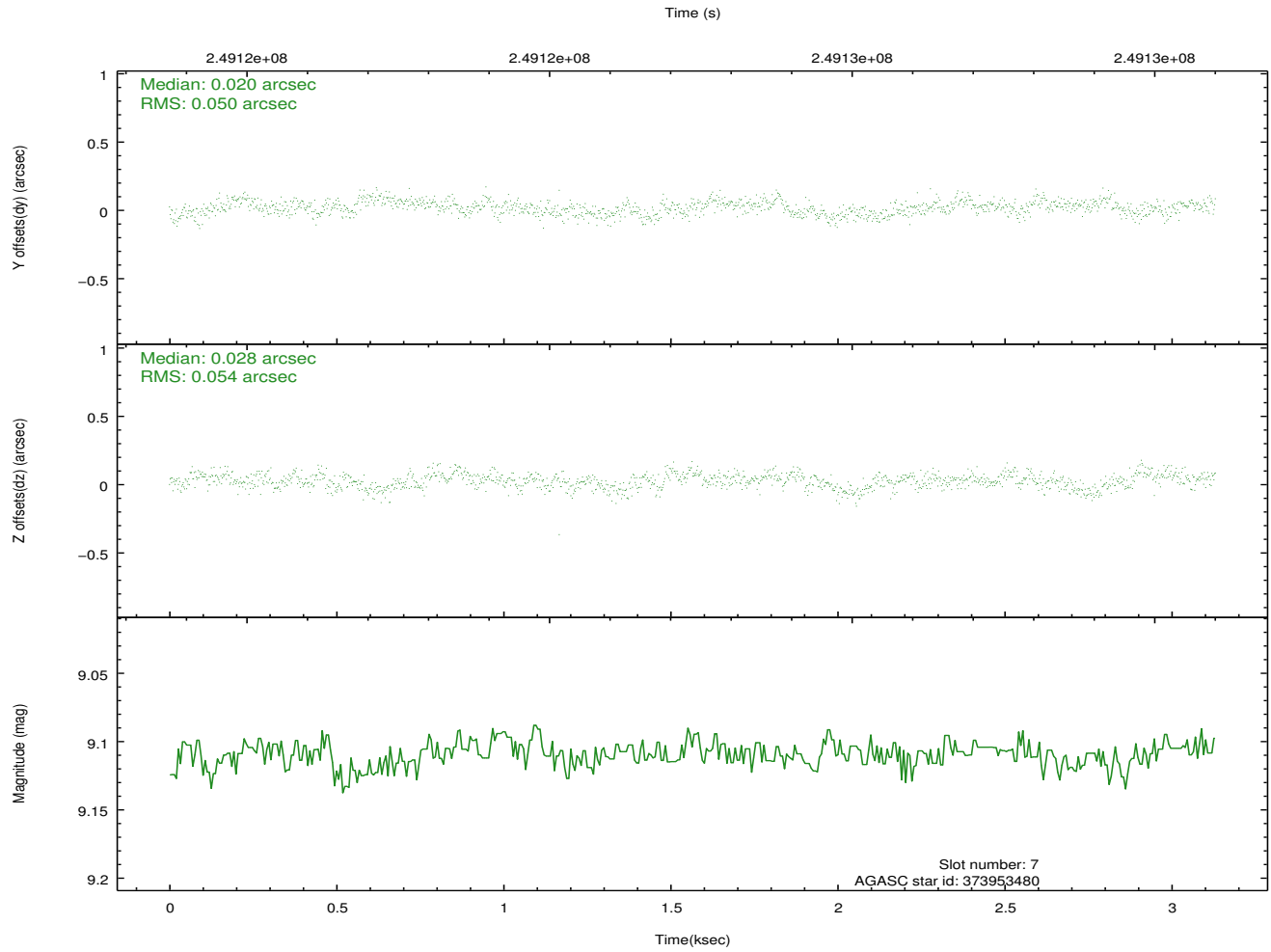
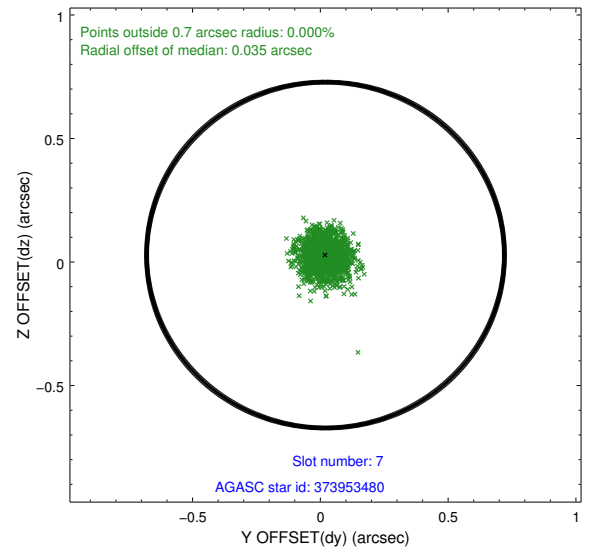
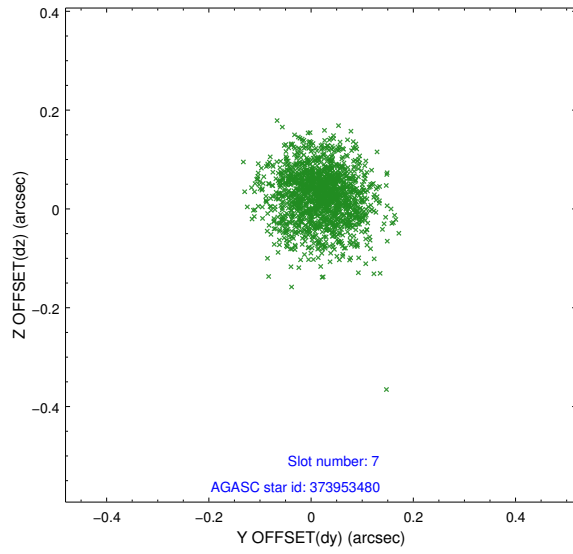
2.4.3 Slot 5



2.4.4 Slot 6

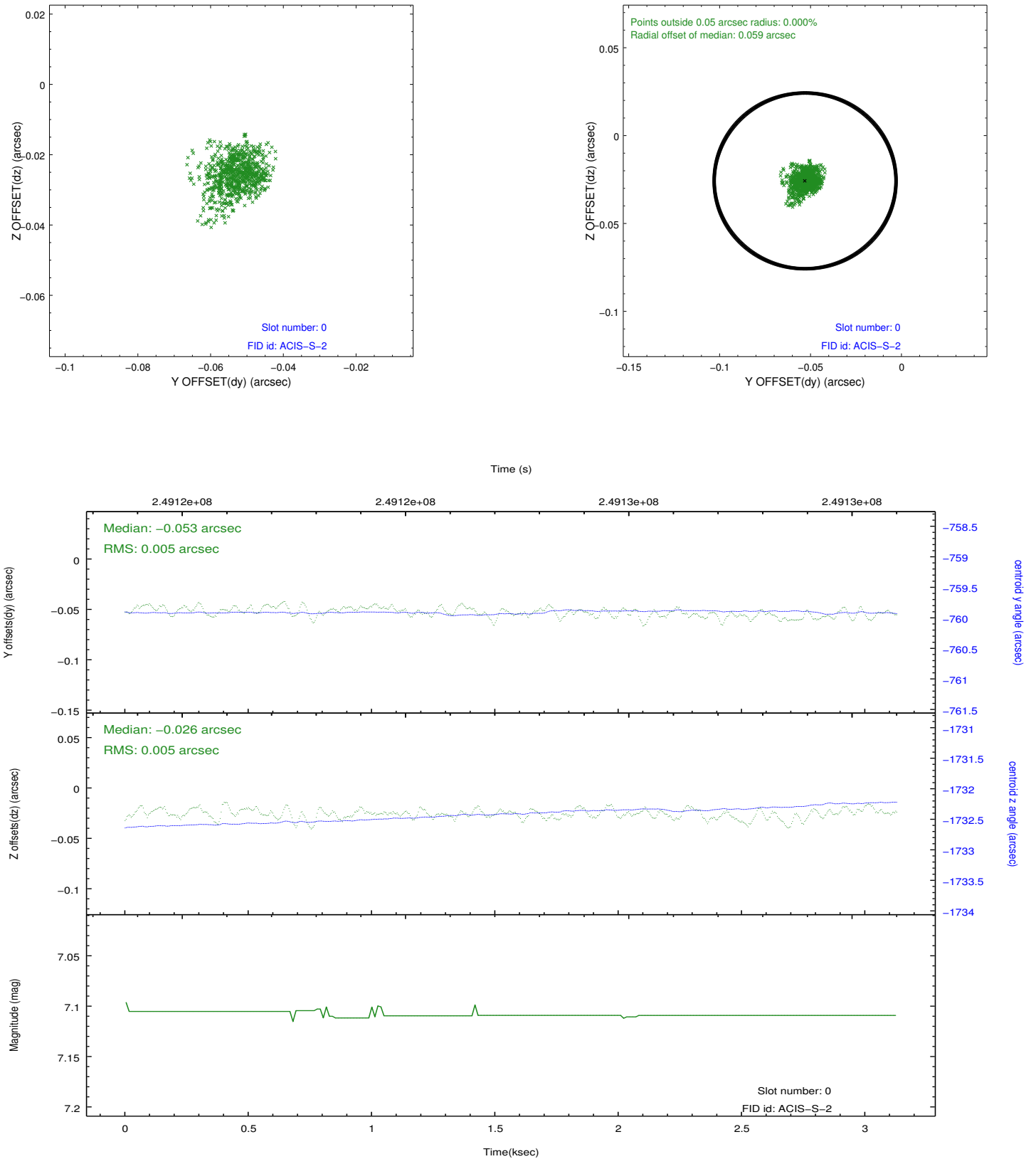


2.4.5 Slot 7

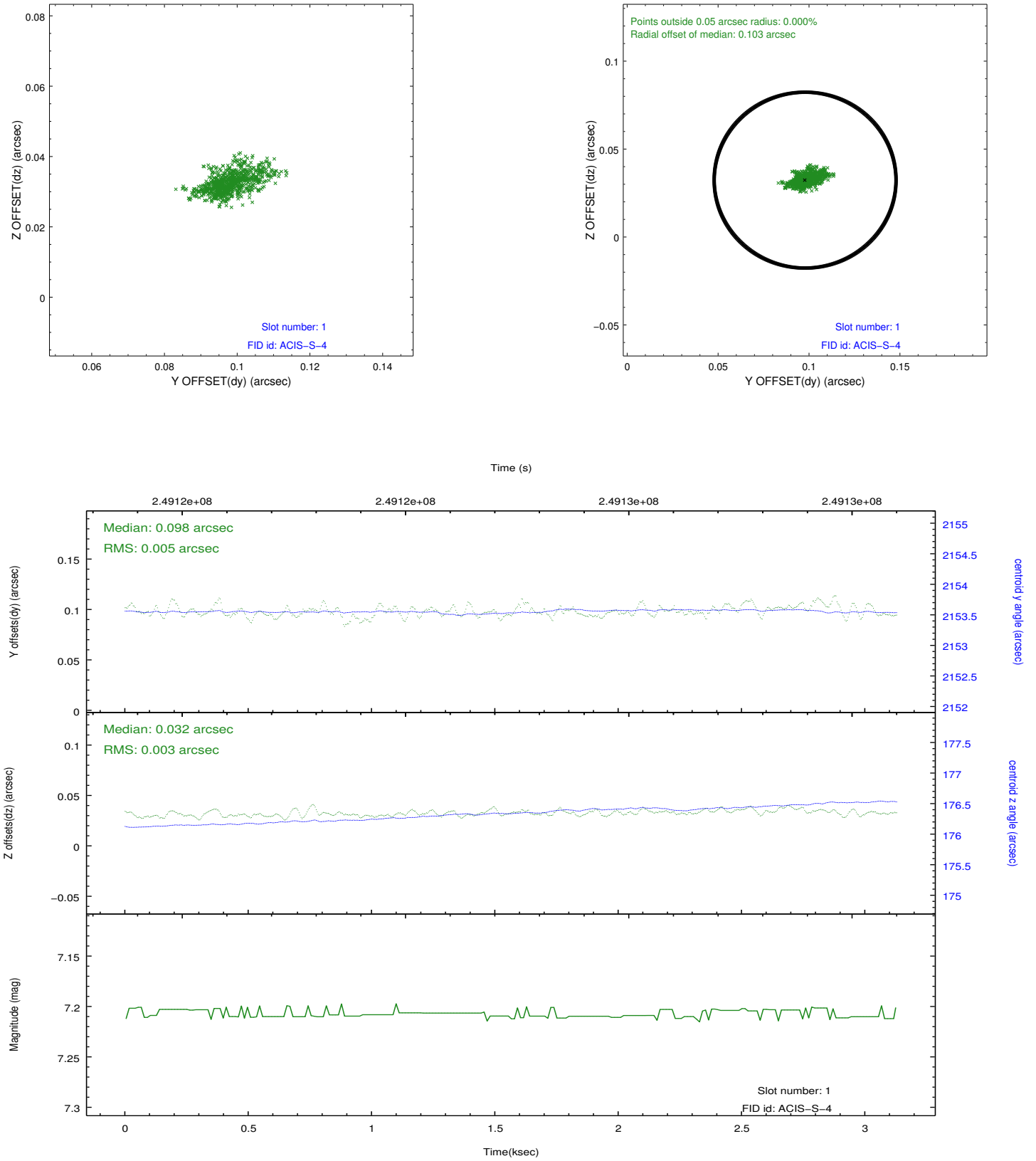


2.5 FID Slots

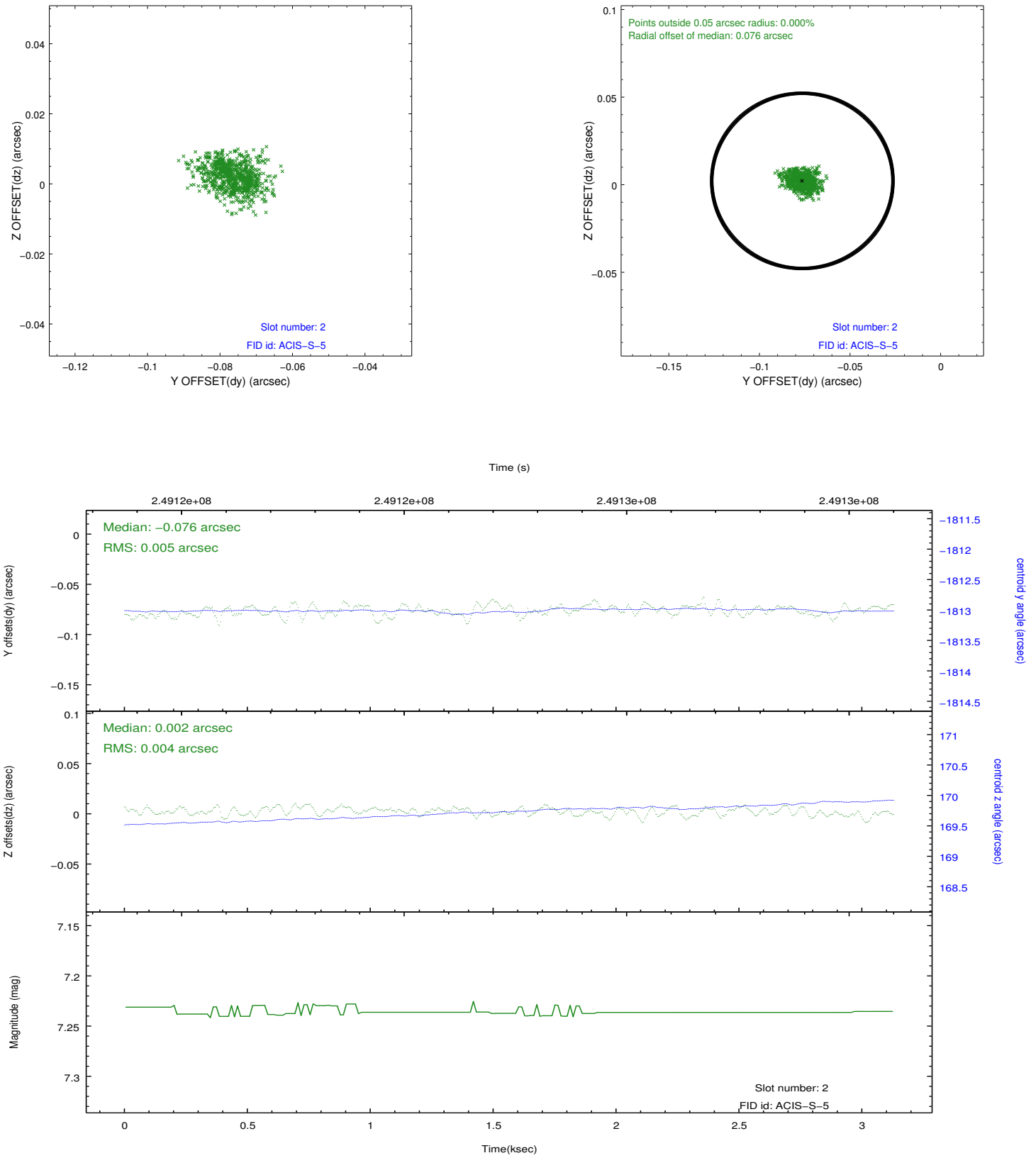
2.5.1 Slot 0



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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.703999

A.2 Comments