

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7098 - L2 Version 2
Chandra X-Ray Center

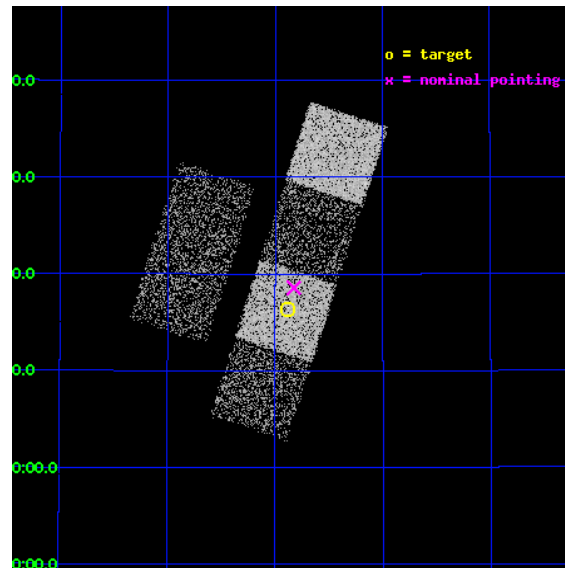
L2 Processing Date : Mar 24 2012

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1 Front

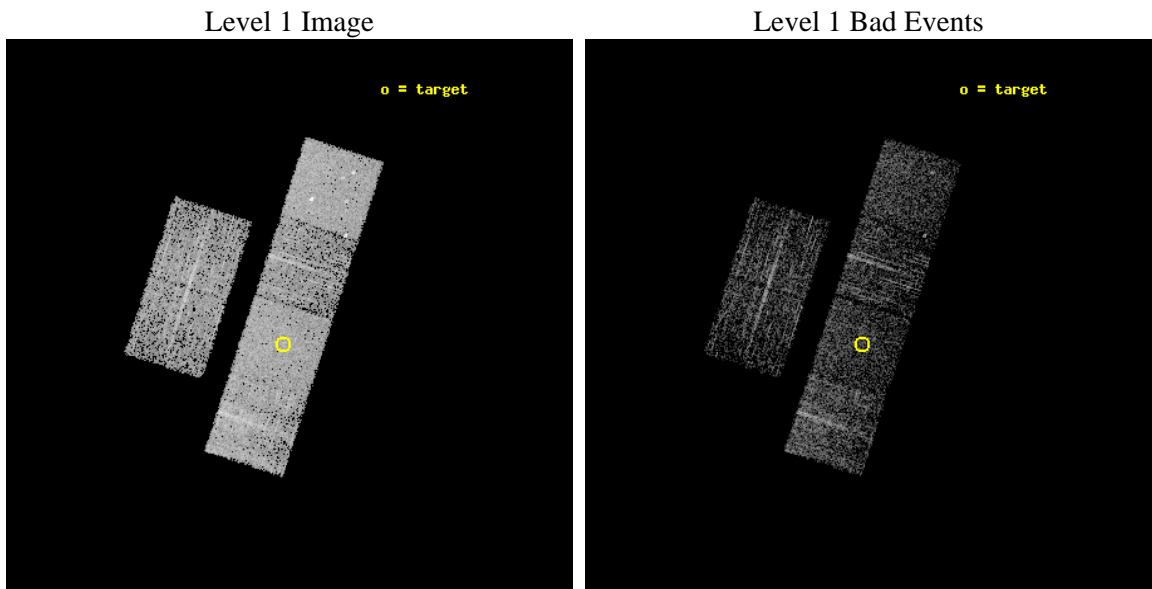
seq_num	600536	Sequence number
obs_id	7098	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 4625	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.469583	Observer's specified target RA [deg]
dec_targ	41.273611	Observer's specified target Dec [deg]
ra_nom	190.456432688	Nominal RA [deg]
dec_nom	41.309563683625	Nominal Dec [deg]
roll_nom	107.94374190938	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1759.0955065489	Sum of GTIs [s]
livetime	1736.8207800448	Livetime [s]
ontime2	1759.1365465522	Sum of GTIs [s]
ontime3	1758.972386539	Sum of GTIs [s]
ontime5	1759.0544665456	Sum of GTIs [s]
ontime6	1759.0134265423	Sum of GTIs [s]
ontime7	1759.0955065489	Sum of GTIs [s]
ontime8	1755.6902866662	Sum of GTIs [s]
l2events	24322	Number of level 2 events



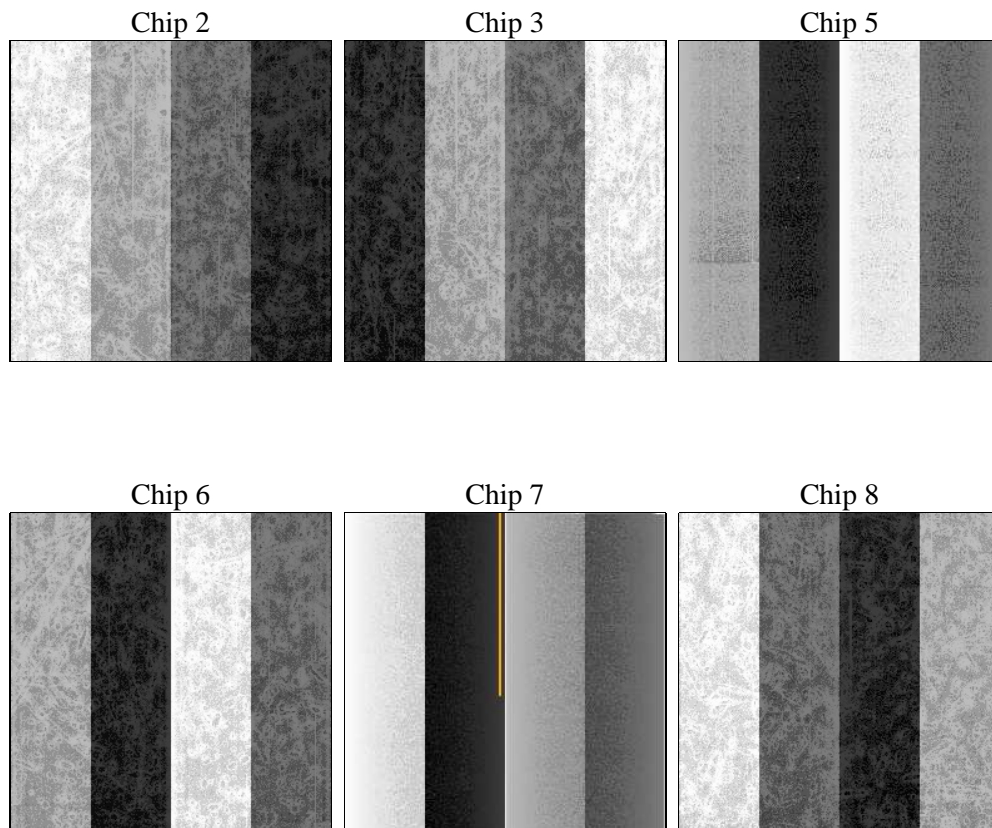
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1759.0955065489	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	1759.1365465522	Sum of GTIs [s]
date	2012-03-25T01:51:59	Date and time of file creation	ontime3	1758.972386539	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1759.0544665456	Sum of GTIs [s]
			ontime6	1759.0134265423	Sum of GTIs [s]
			ontime7	1759.0955065489	Sum of GTIs [s]
			ontime8	1755.6902866662	Sum of GTIs [s]
			l1events	108984	Number of level 1 events

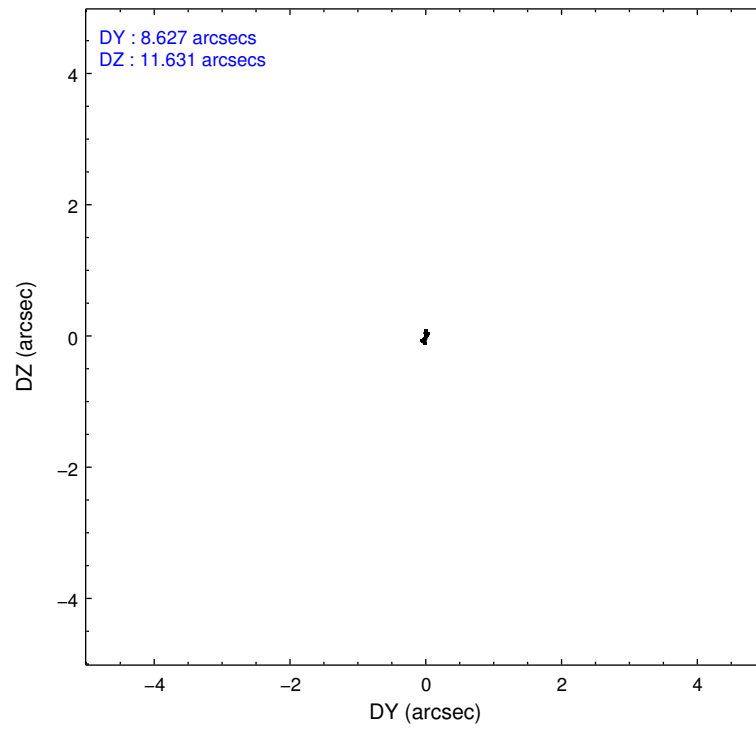
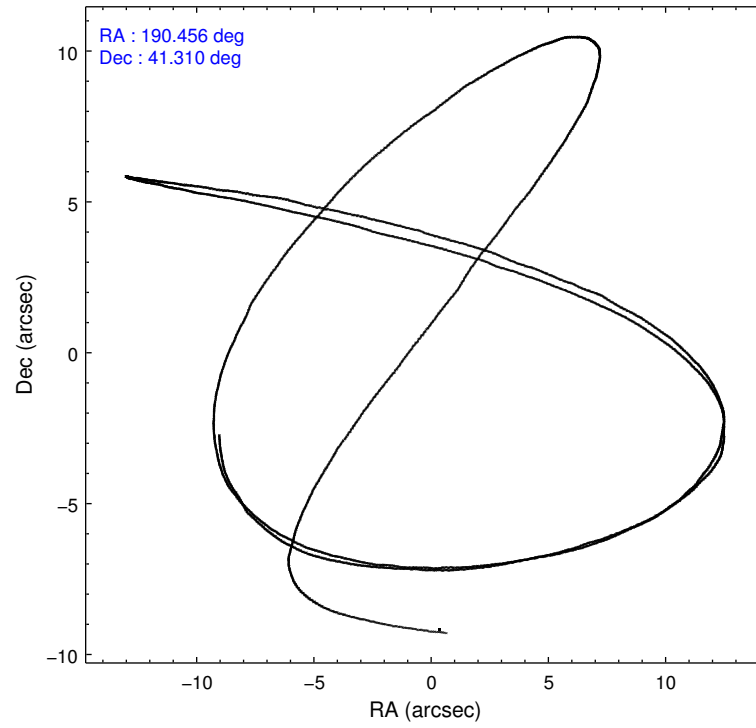
2.1.4 Events

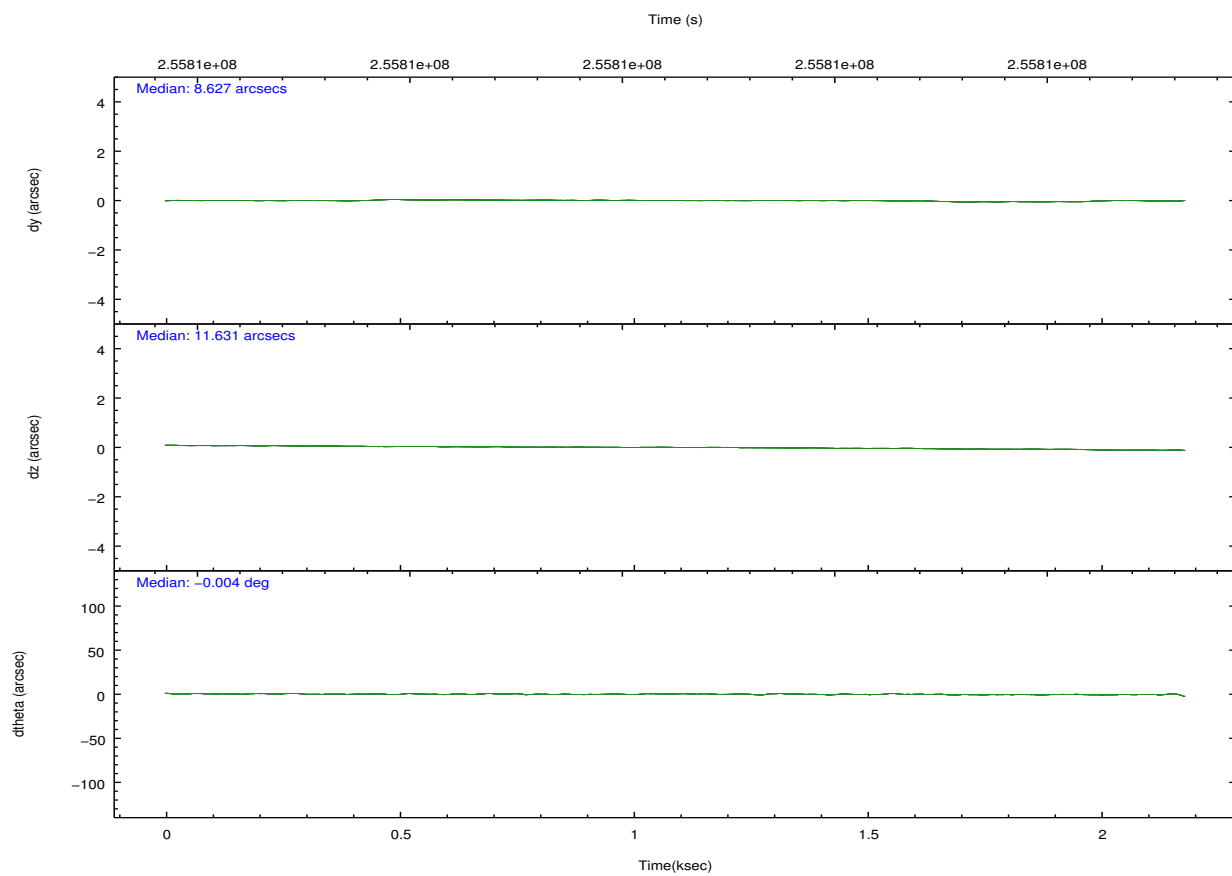
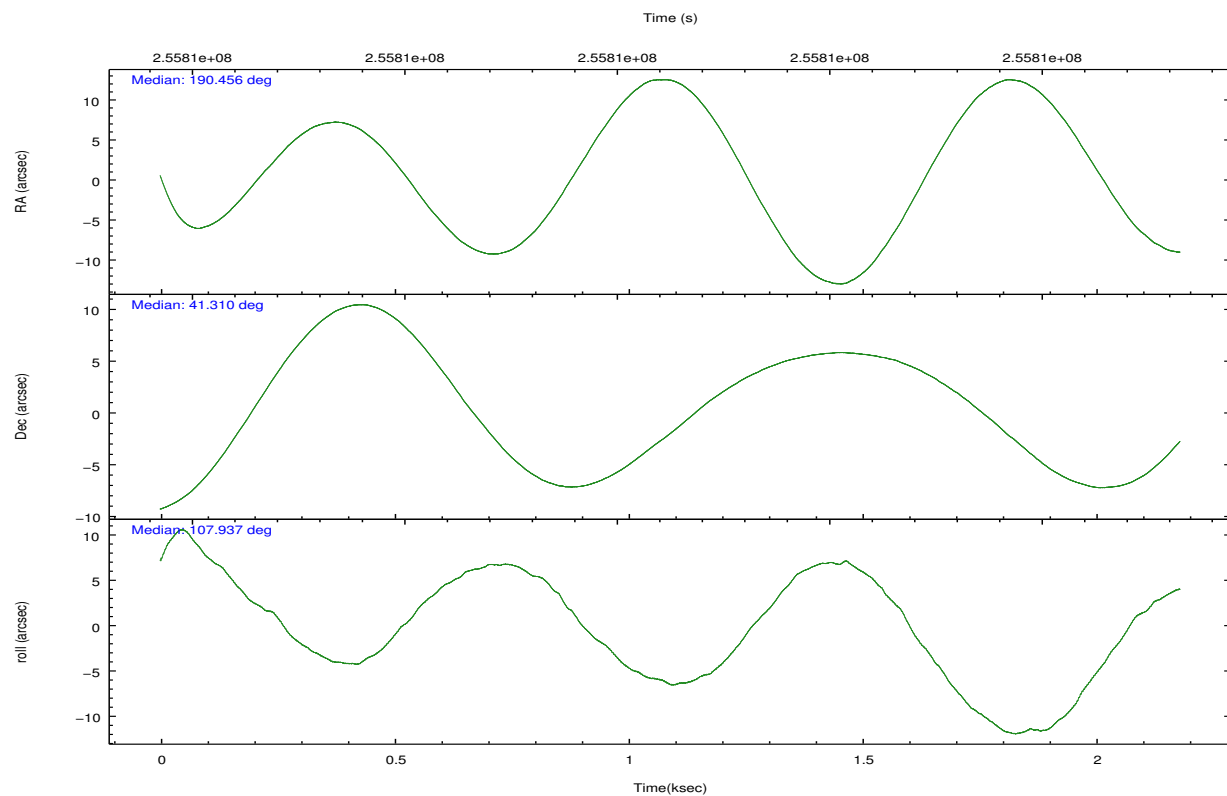
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	15102	13651	23548	14211	20193	22279	grade 0 events	763	735	1292	622	685	1320
rejected events	13366	11934	12307	12520	11724	17972		5%	5%	5%	4%	3%	5%
rejected %	88%	87%	52%	88%	58%	80%	grade 1 events	12	10	65	9	10	26
								0%	0%	0%	0%	0%	0%
							grade 2 events	358	324	3370	382	1803	936
								2%	2%	14%	2%	8%	4%
							grade 3 events	158	146	457	169	687	429
								1%	1%	1%	1%	3%	1%
							grade 4 events	160	179	414	174	715	413
								1%	1%	1%	1%	3%	1%
							grade 5 events	559	692	1769	671	1852	869
								3%	5%	7%	4%	9%	3%
							grade 6 events	299	335	5721	345	4588	1222
								1%	2%	24%	2%	22%	5%
							grade 7 events	12793	11230	10460	11839	9853	17064
								84%	82%	44%	83%	48%	76%

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	190.483746	190.4564326880021	Subarray requested	NONE	NONE
[deg] Pointing Dec	41.291721	41.30956368362528	Alternating exposures requested	N	N
[deg] Pointing Roll	107.769070	107.9437419093758	[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)	255811714.184000	255810940.12127			
Observation start date	2006-02-08T18:47:29	2006-02-08T18:35:40			
[s] Observation end time (MET)	255813714.184000	255814095.58391			
Observation end date	2006-02-08T19:20:49	2006-02-08T19:28:15			
Read mode	TIMED	TIMED			

2.3 Aspect



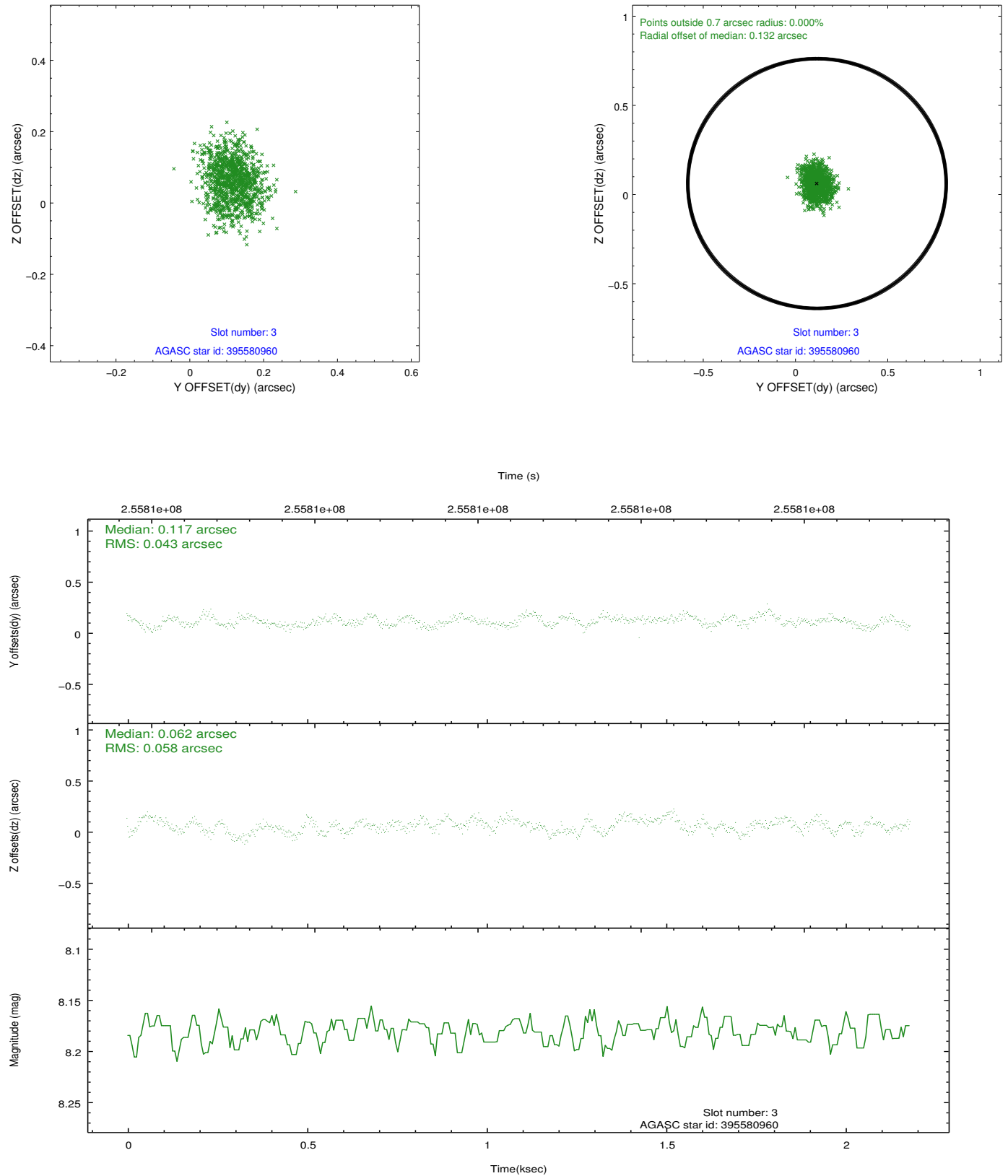


Slot Statistics

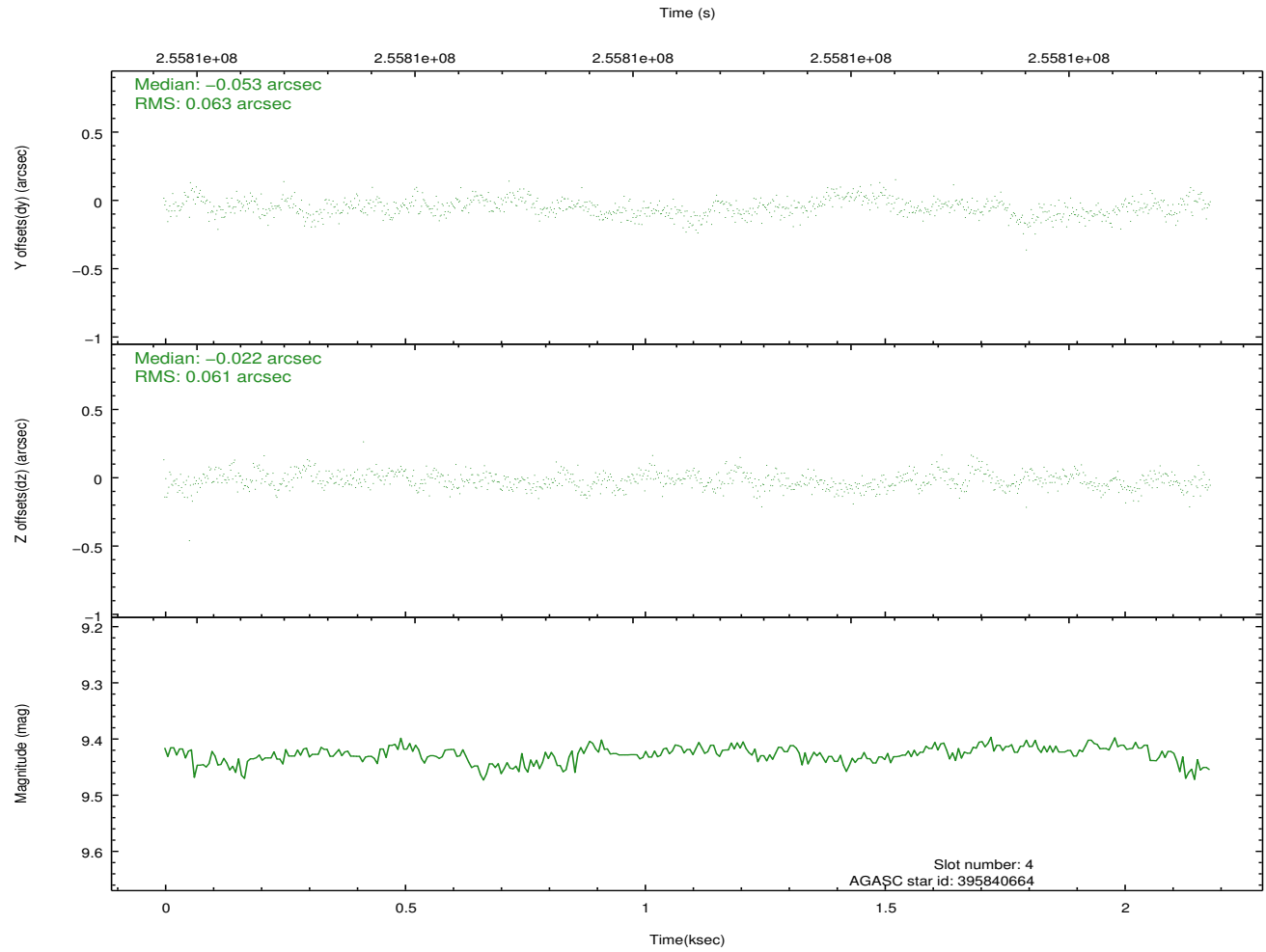
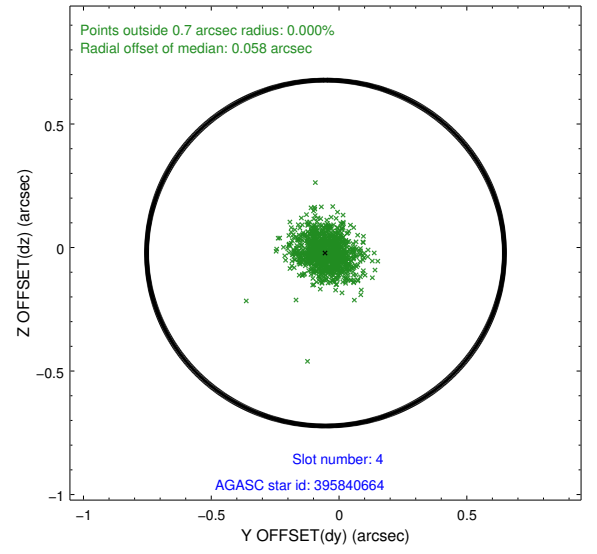
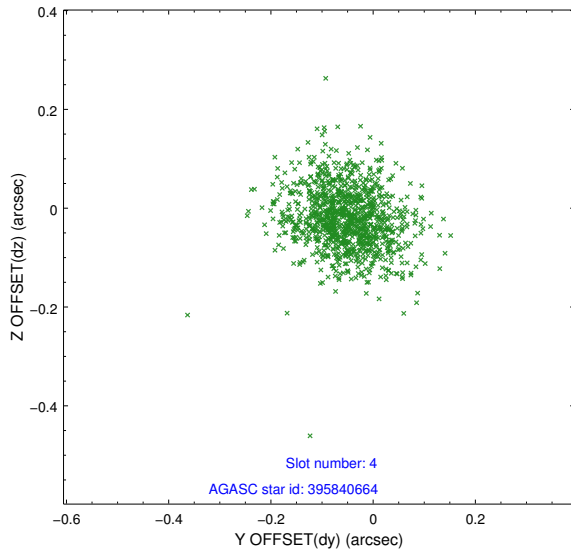
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	532	-0.024	-0.020	0.007	0.014	0.000000	0.000000	-761.43	-1732.88
1	FID	ACIS-S-4	7.21	532	0.126	0.017	0.007	0.017	0.000000	0.000000	2150.62	172.56
2	FID	ACIS-S-5	7.23	532	-0.133	0.012	0.009	0.015	0.000000	0.000000	-1810.55	169.60
3	GUIDE	395580960	8.18	1064	0.117	0.062	0.078	0.123	189.782731	40.983502	-467.56	2150.37
4	GUIDE	395840664	9.43	1065	-0.053	-0.022	0.090	0.152	189.928971	41.476509	1094.04	1222.06
5	GUIDE	396234704	6.39	1065	-0.040	-0.020	0.051	0.082	190.890549	41.261557	-435.14	-1014.96
6	GUIDE	396237272	9.83	1065	-0.071	0.157	0.145	0.235	191.166711	41.526984	252.01	-2014.44
7	GUIDE	395975488	7.54	1064	0.040	-0.180	0.068	0.110	190.362345	40.579329	-2340.14	1096.45

2.4 Star Slots

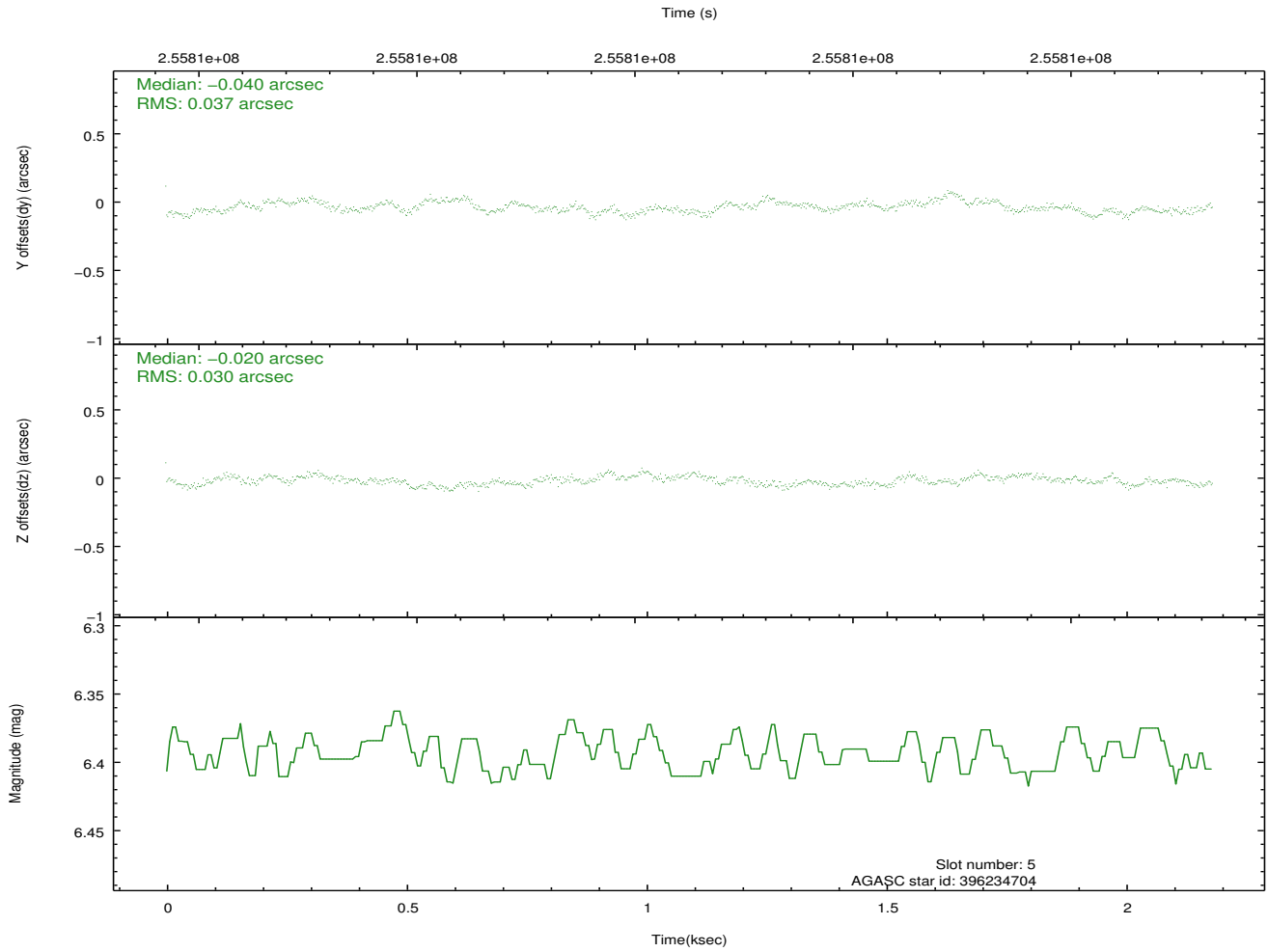
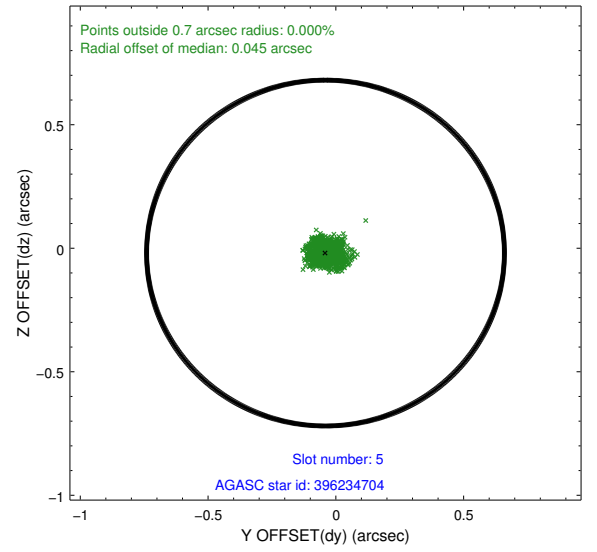
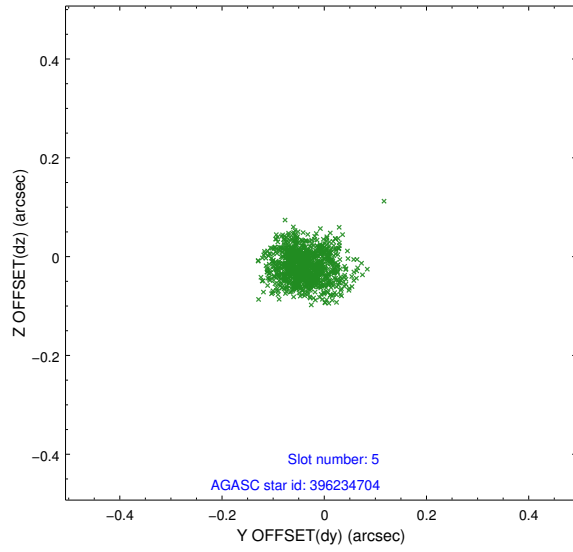
2.4.1 Slot 3



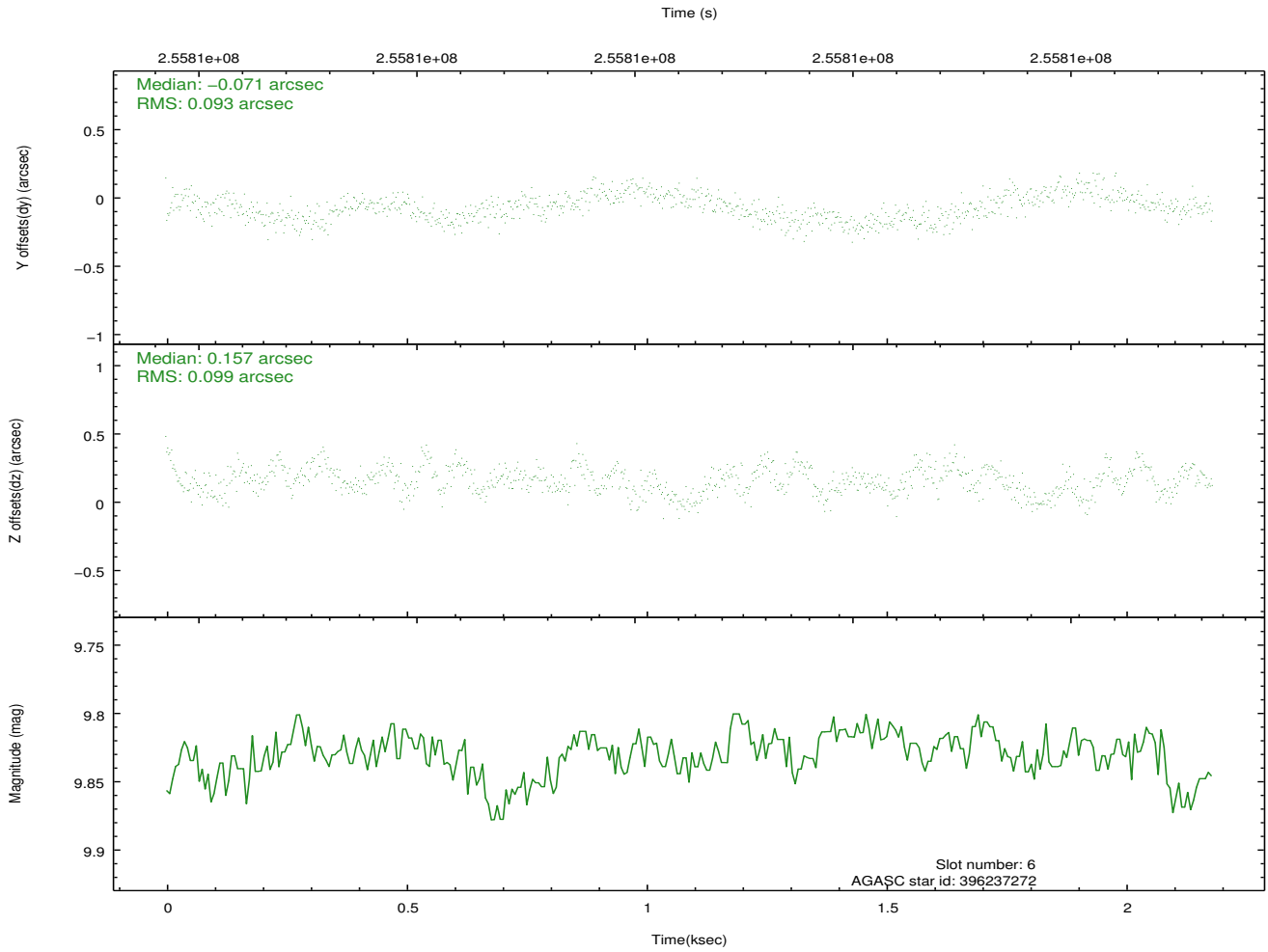
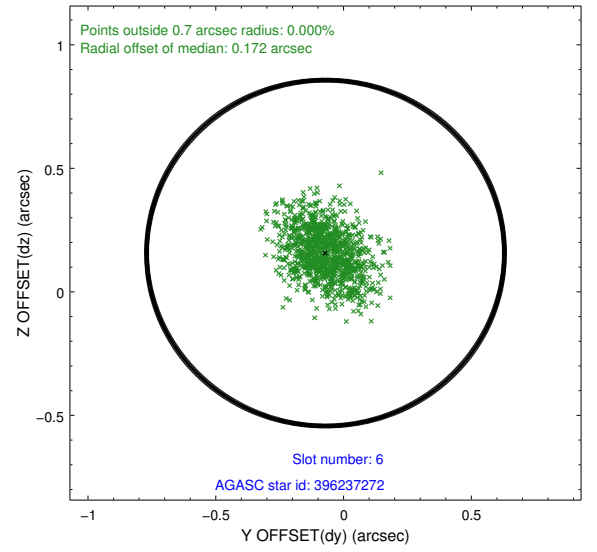
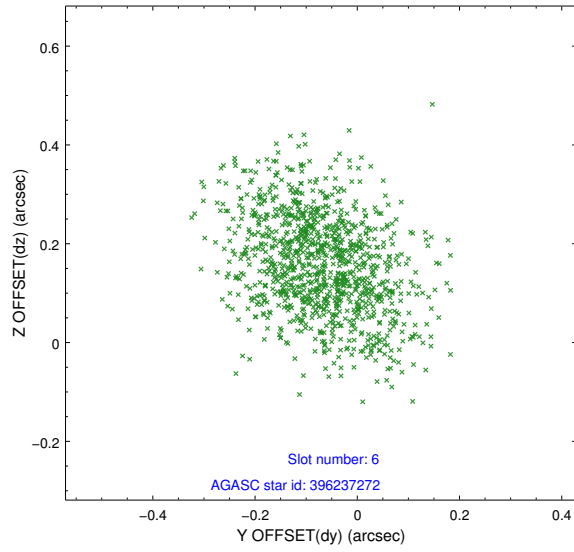
2.4.2 Slot 4



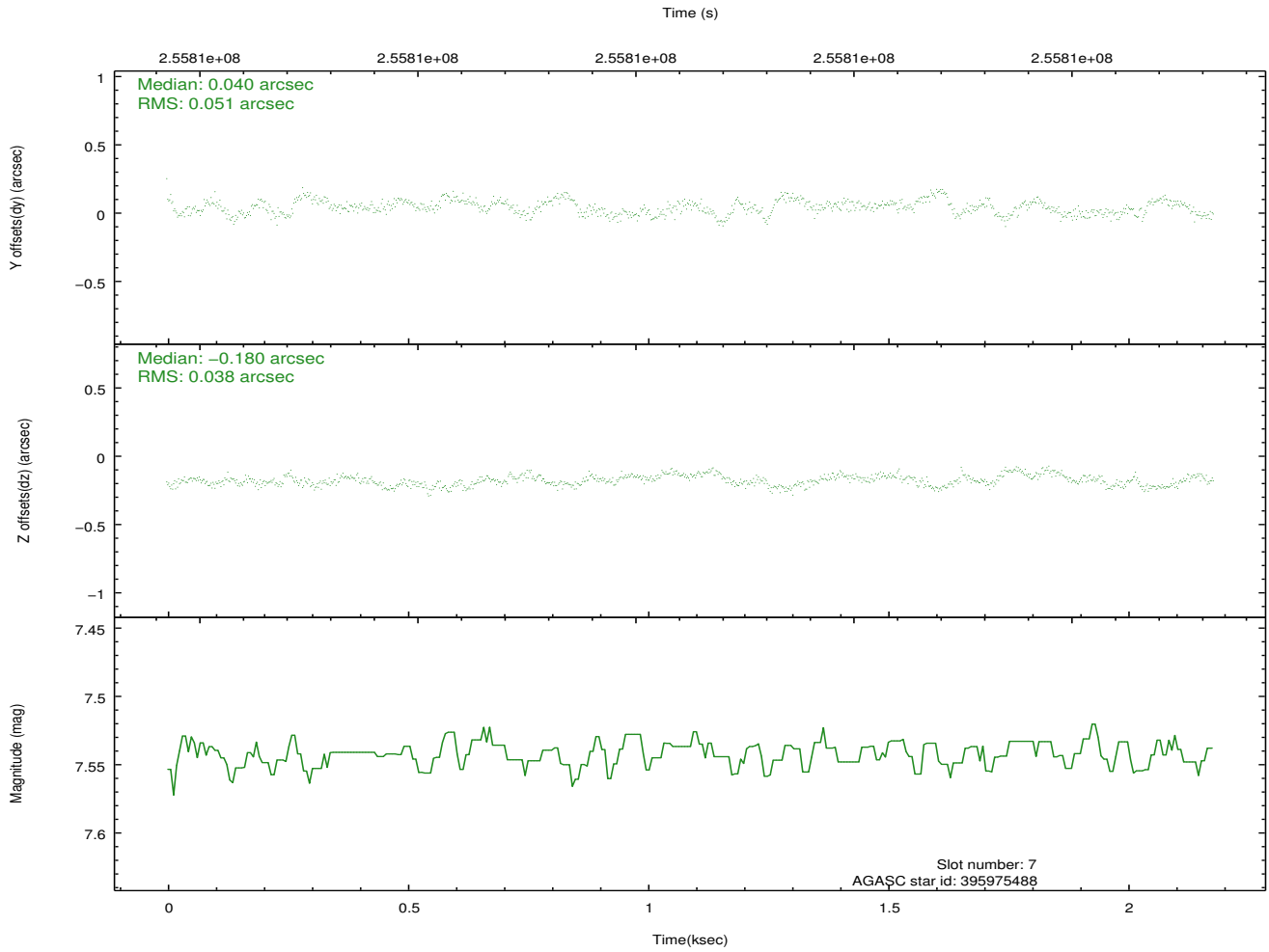
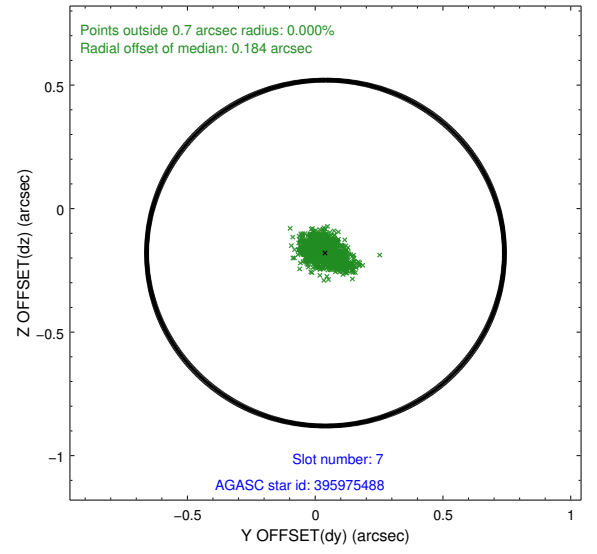
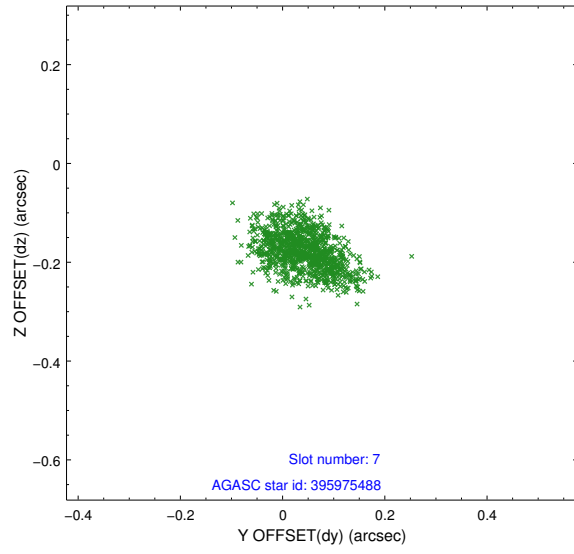
2.4.3 Slot 5



2.4.4 Slot 6

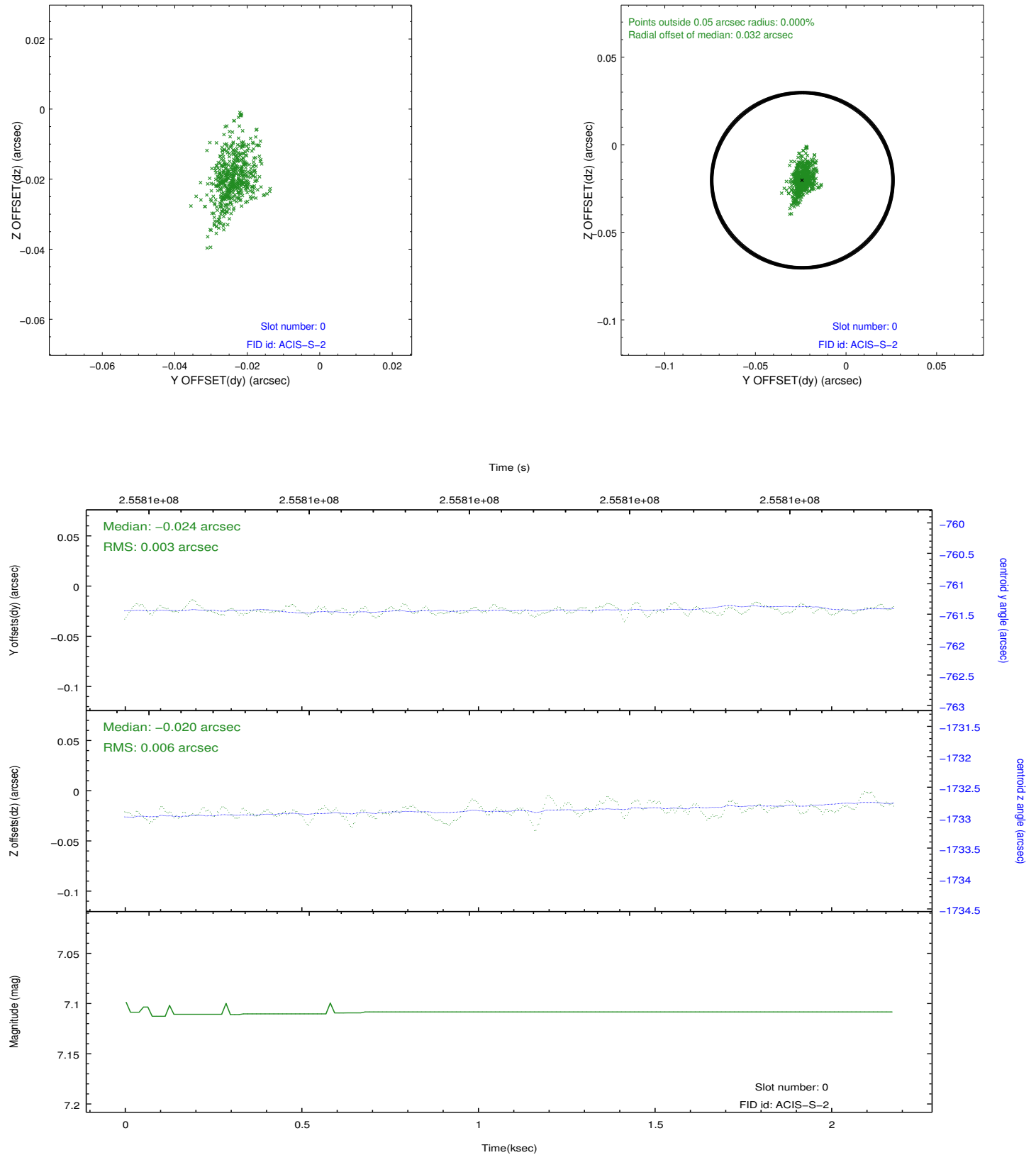


2.4.5 Slot 7

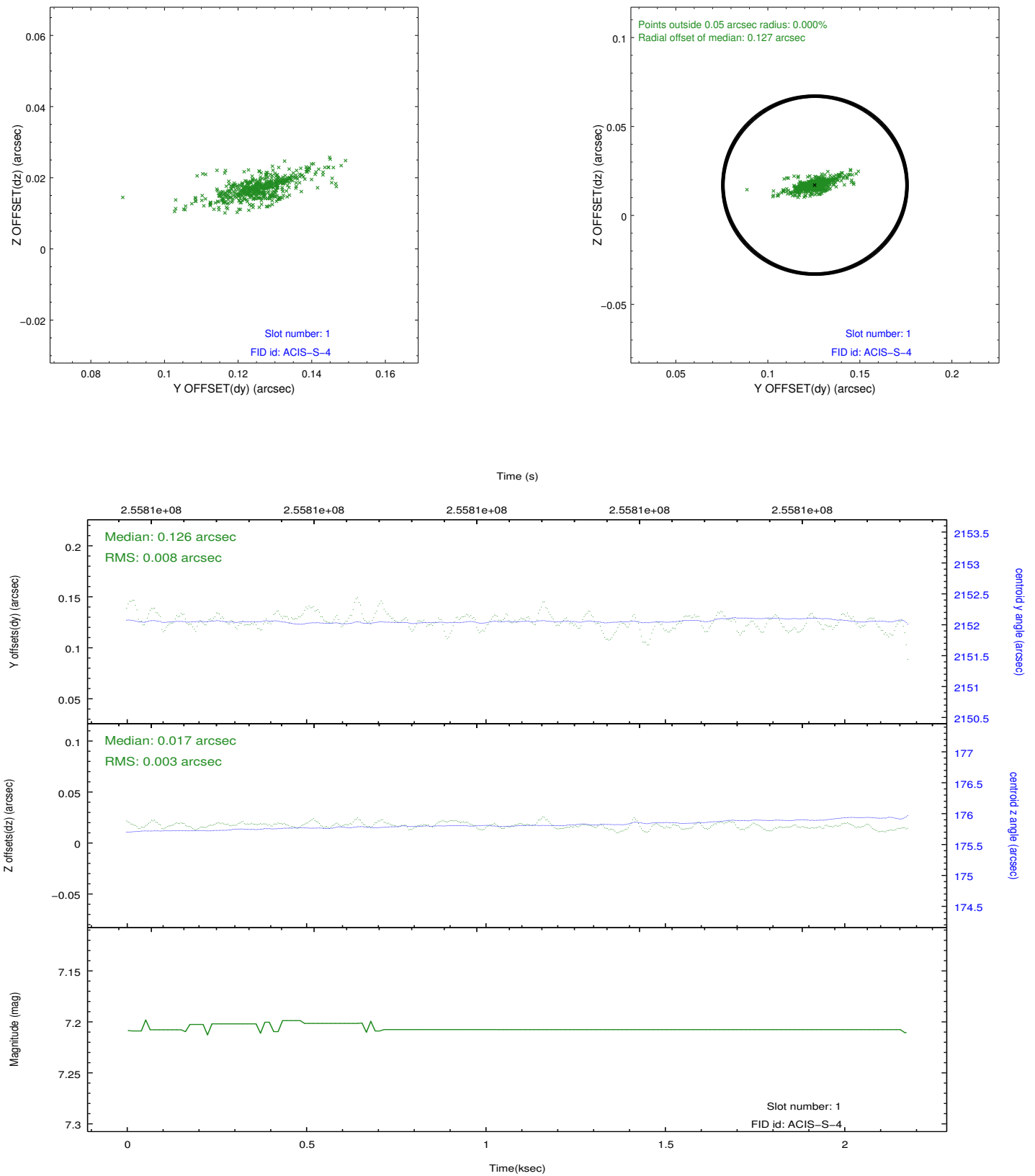


2.5 FID Slots

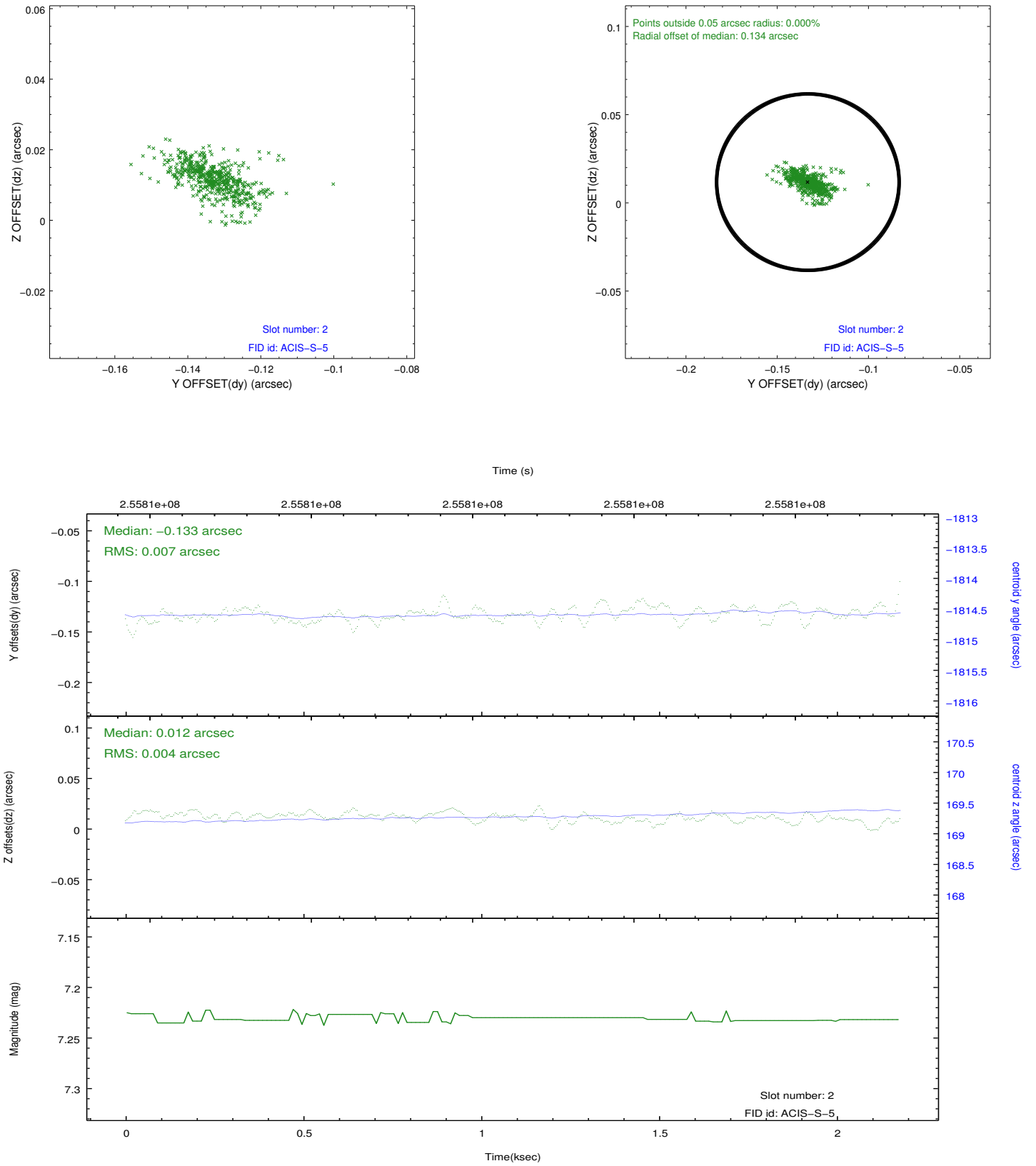
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.75999999

A.2 Comments