

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7087 - L2 Version 2
Chandra X-Ray Center

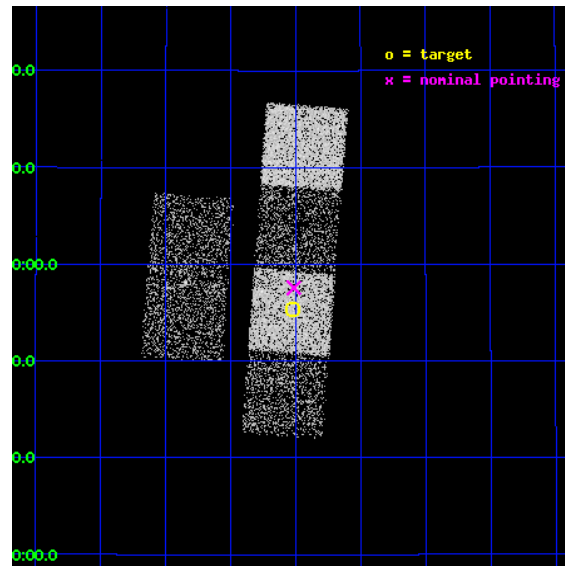
L2 Processing Date : Mar 24 2012

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1 Front

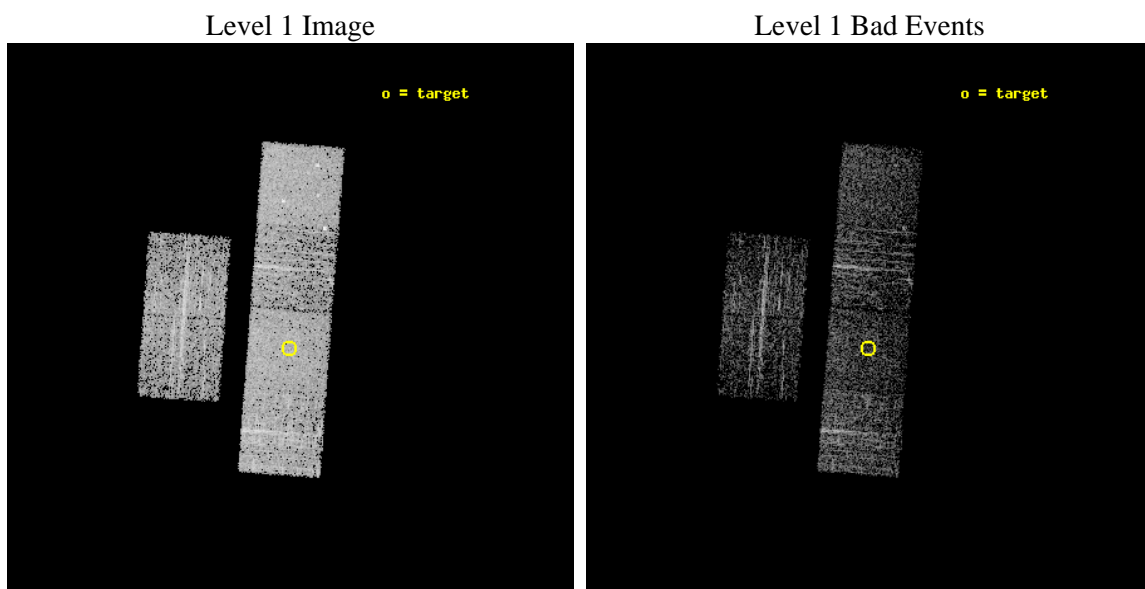
seq_num	600525	Sequence number
obs_id	7087	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 3344	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.879583	Observer's specified target RA [deg]
dec_targ	24.922194	Observer's specified target Dec [deg]
ra_nom	160.87832515819	Nominal RA [deg]
dec_nom	24.959409430234	Nominal Dec [deg]
roll_nom	94.302267599614	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1756.3426015675	Sum of GTIs [s]
livetime	1734.1027340039	Livetime [s]
ontime2	1756.3836415708	Sum of GTIs [s]
ontime3	1756.2194815576	Sum of GTIs [s]
ontime5	1756.3015615642	Sum of GTIs [s]
ontime6	1756.2605215609	Sum of GTIs [s]
ontime7	1756.3426015675	Sum of GTIs [s]
ontime8	1749.6964411139	Sum of GTIs [s]
l2events	22974	Number of level 2 events



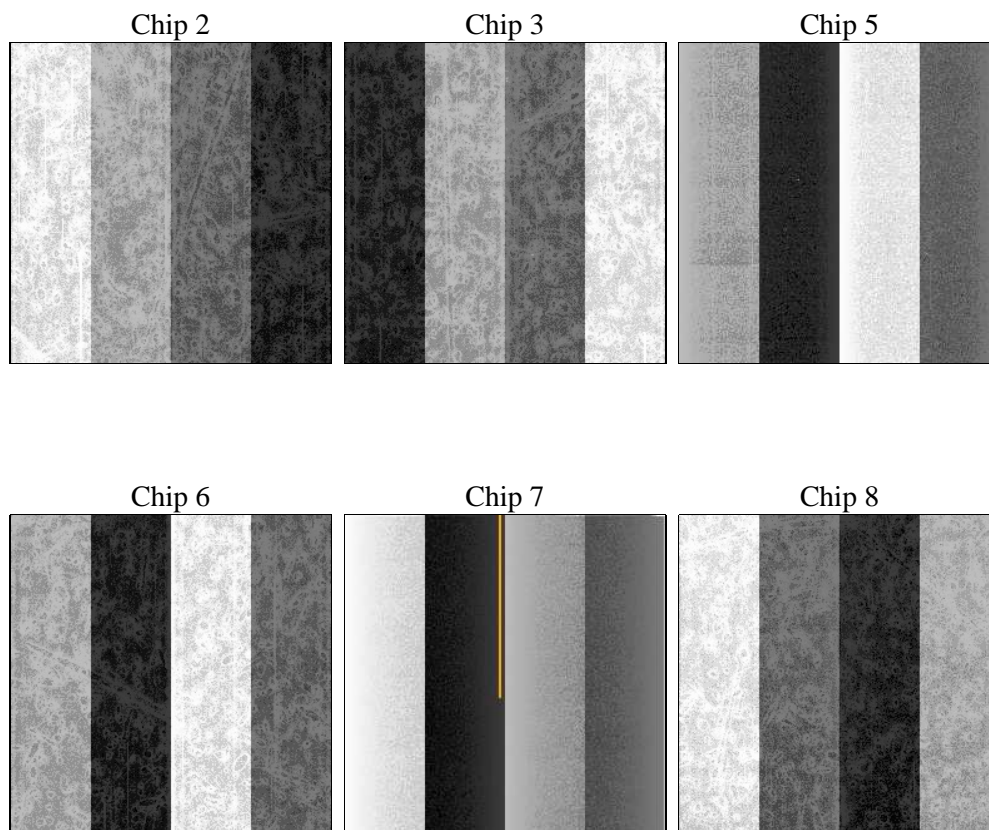
2 OBI

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	1756.3426015675	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	1756.3836415708	Sum of GTIs [s]
date	2012-03-24T05:36:17	Date and time of file creation	ontime3	1756.2194815576	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1756.3015615642	Sum of GTIs [s]
			ontime6	1756.2605215609	Sum of GTIs [s]
			ontime7	1756.3426015675	Sum of GTIs [s]
			ontime8	1749.6964411139	Sum of GTIs [s]
			l1events	106223	Number of level 1 events

2.1.4 Events

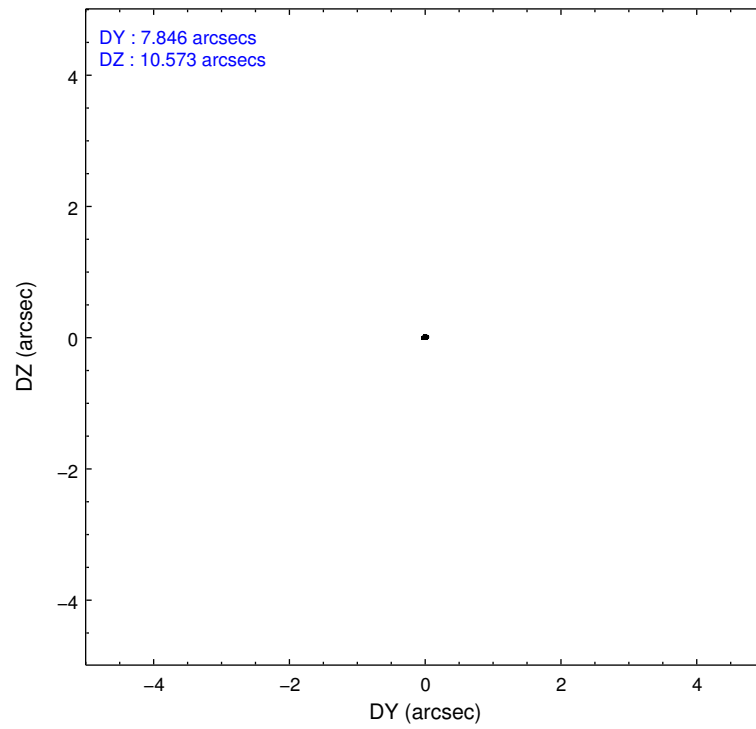
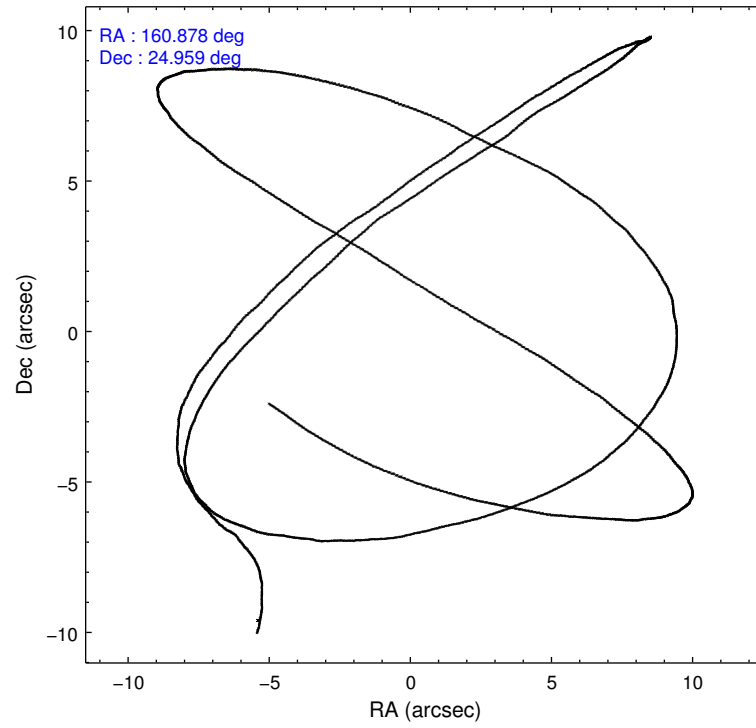
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	15053	13447	22177	14791	19330	21425
rejected events	13386	11755	11978	13122	11257	17485
rejected %	88%	87%	54%	88%	58%	81%

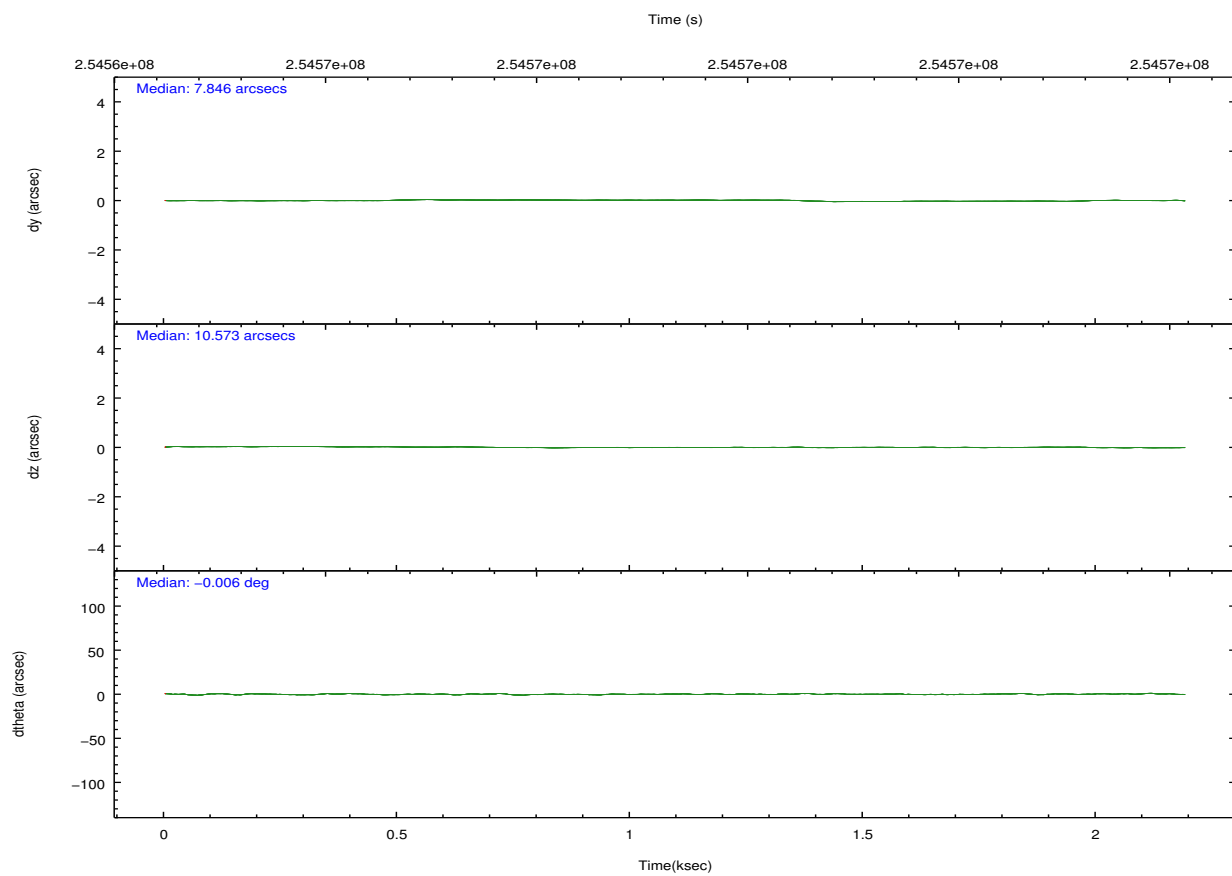
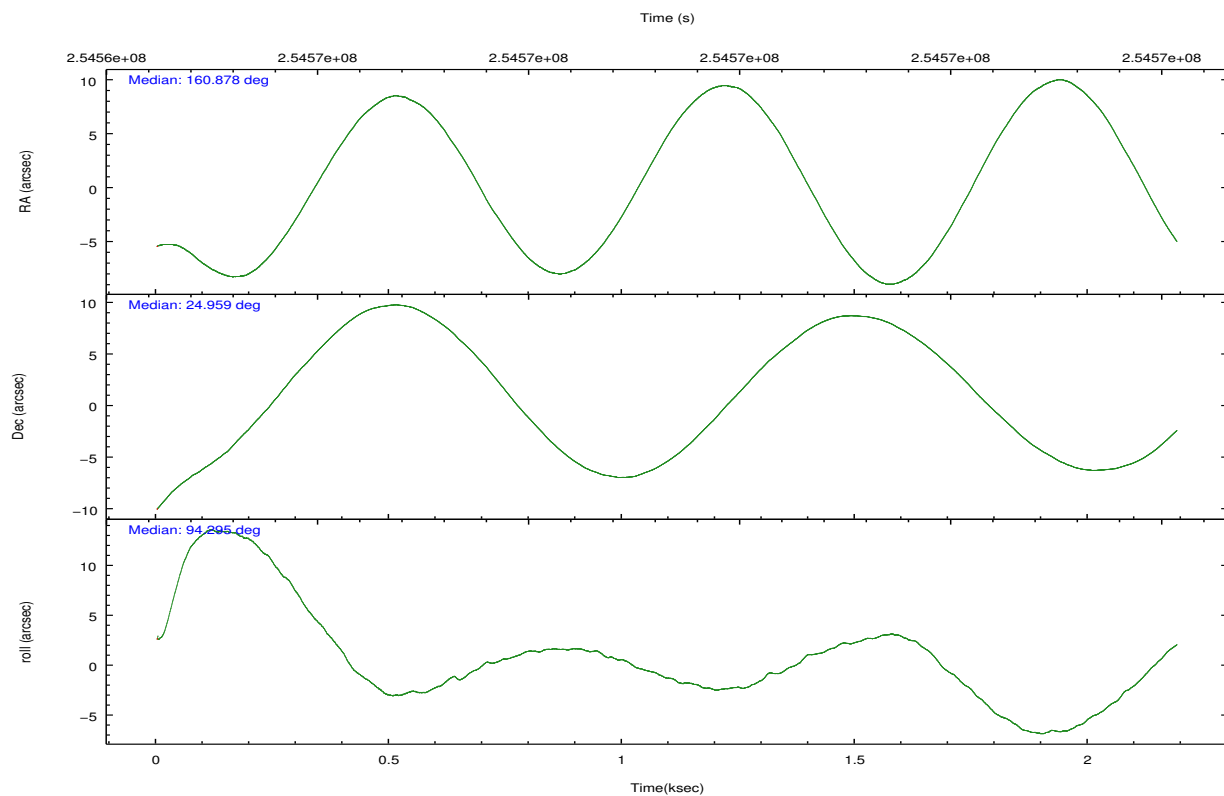
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	675	722	1094	654	714	1209
	4%	5%	4%	4%	3%	5%
grade 1 events	6	14	63	7	17	19
	0%	0%	0%	0%	0%	0%
grade 2 events	367	331	2992	396	1679	828
	2%	2%	13%	2%	8%	3%
grade 3 events	170	164	423	142	727	432
	1%	1%	1%	0%	3%	2%
grade 4 events	157	171	446	158	765	451
	1%	1%	2%	1%	3%	2%
grade 5 events	579	659	1636	673	1794	857
	3%	4%	7%	4%	9%	4%
grade 6 events	300	306	5260	320	4197	1034
	1%	2%	23%	2%	21%	4%
grade 7 events	12799	11080	10263	12441	9437	16595
	85%	82%	46%	84%	48%	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	160.895698	160.8783251581873	Subarray requested	NONE	NONE
[deg] Pointing Dec	24.937289	24.95940943023423	Alternating exposures requested	N	N
[deg] Pointing Roll	94.138372	94.30226759961367	[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)	254565426.184000	254564673.82595			
Observation start date	2006-01-25T08:36:01	2006-01-25T08:24:33			
[s] Observation end time (MET)	254567426.184000	254568356.13862			
Observation end date	2006-01-25T09:09:21	2006-01-25T09:25:56			
Read mode	TIMED	TIMED			

2.3 Aspect



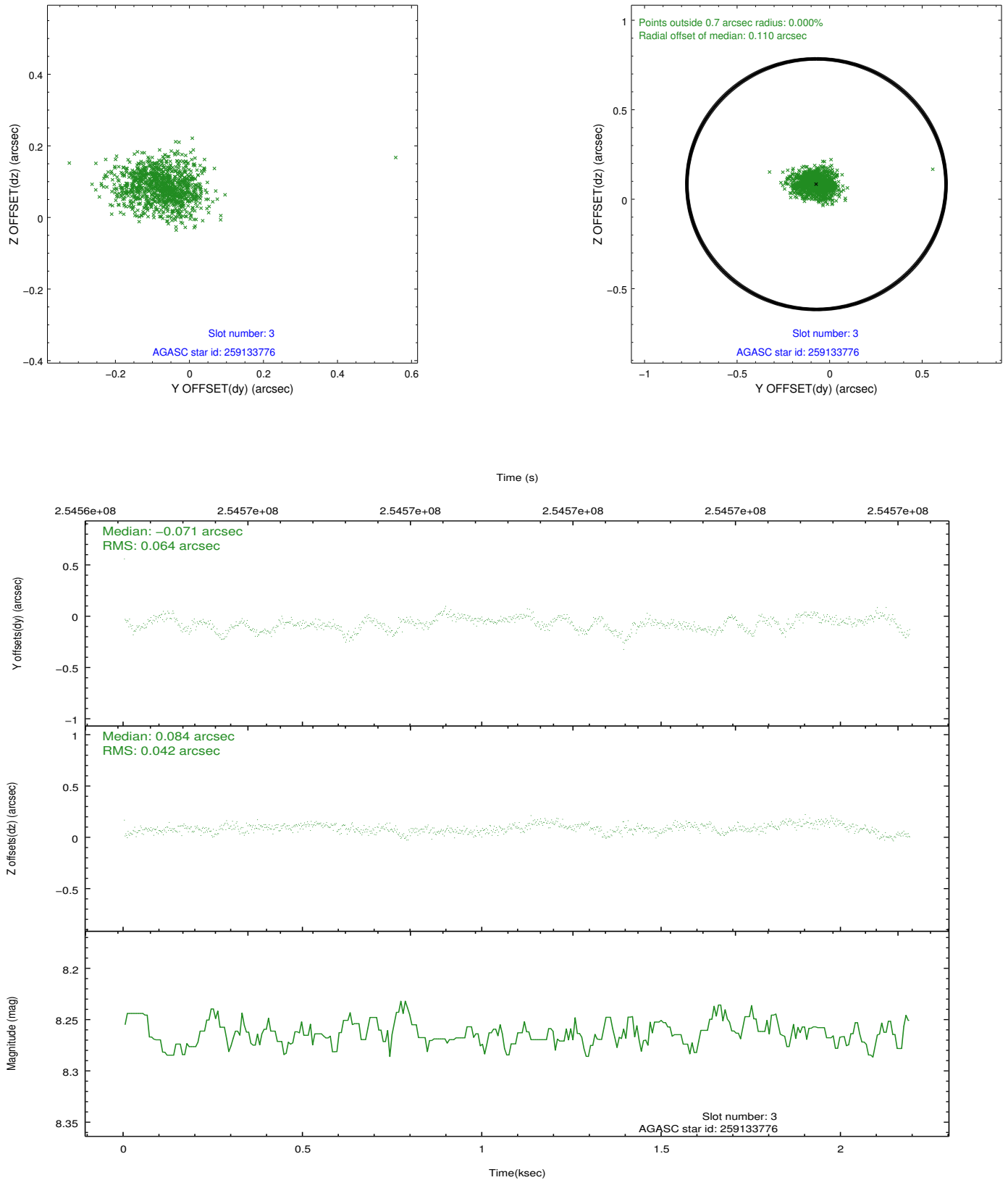


Slot Statistics

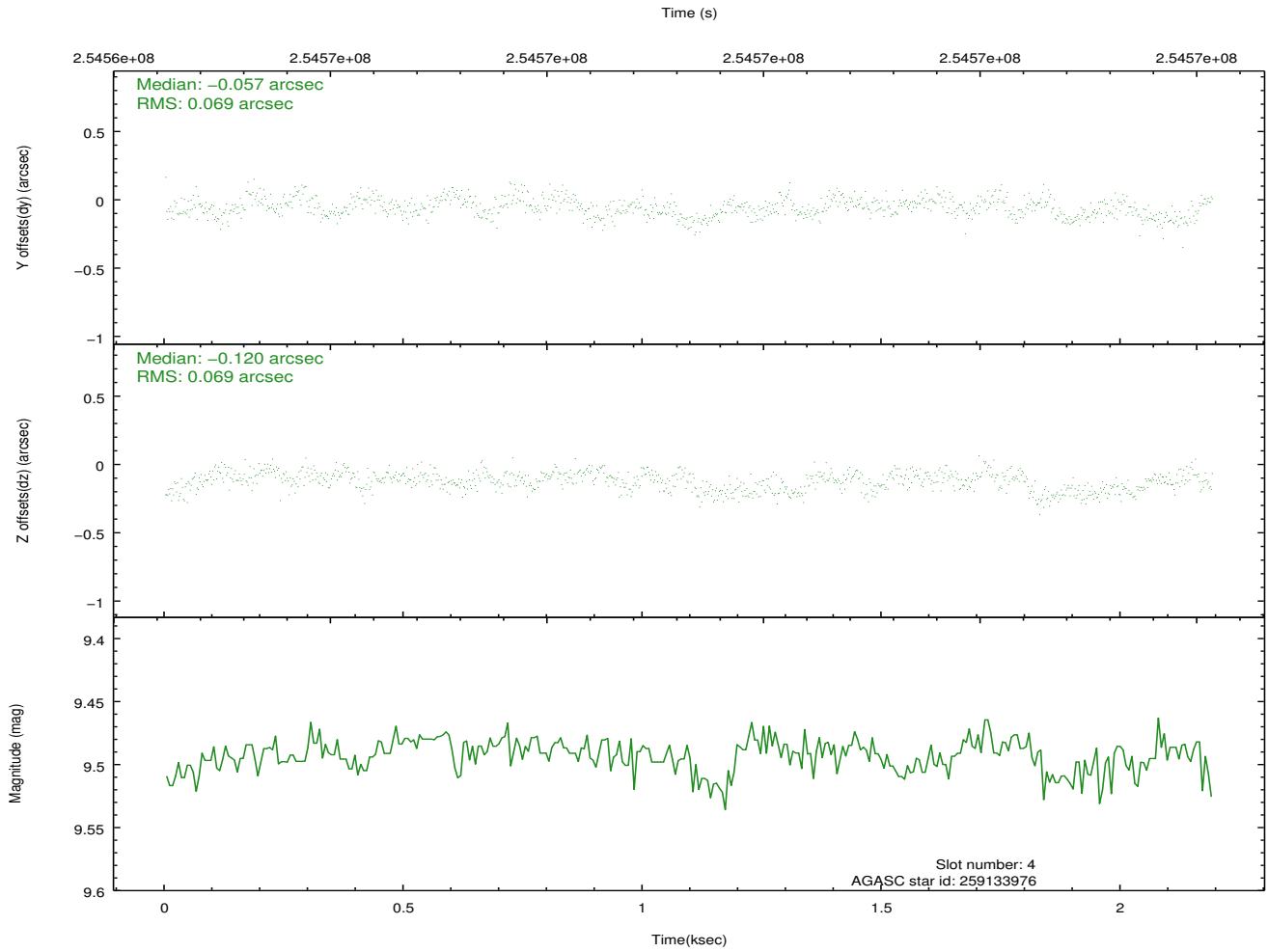
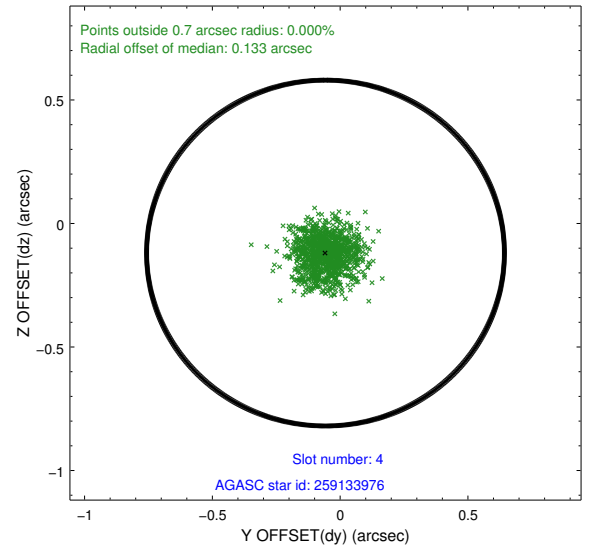
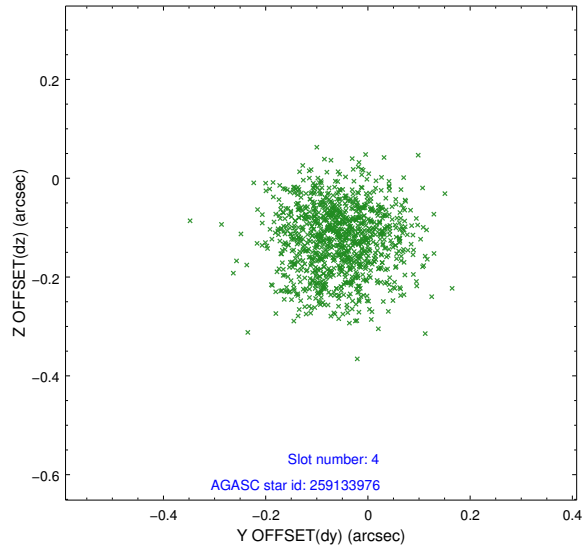
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	535	0.016	-0.065	0.007	0.012	0.000000	0.000000	935.44	-1727.53
1	FID	ACIS-S-4	7.20	535	0.098	0.042	0.006	0.010	0.000000	0.000000	2154.57	173.68
2	FID	ACIS-S-5	7.23	535	-0.141	0.036	0.006	0.010	0.000000	0.000000	-1809.78	170.60
3	GUIDE	259133776	8.26	1069	-0.071	0.084	0.080	0.130	161.514597	25.567597	2123.93	-2168.34
4	GUIDE	259133976	9.49	1068	-0.057	-0.120	0.104	0.163	160.716582	25.150640	811.29	524.60
5	GUIDE	259136320	9.32	1069	0.088	-0.246	0.081	0.131	160.427058	24.371434	-1916.80	1679.58
6	GUIDE	259146848	9.27	1068	0.051	0.140	0.099	0.154	161.629881	24.671214	-1123.03	-2325.46
7	GUIDE	259146896	8.87	1068	-0.007	0.137	0.082	0.141	161.613934	24.576469	-1459.11	-2254.25

2.4 Star Slots

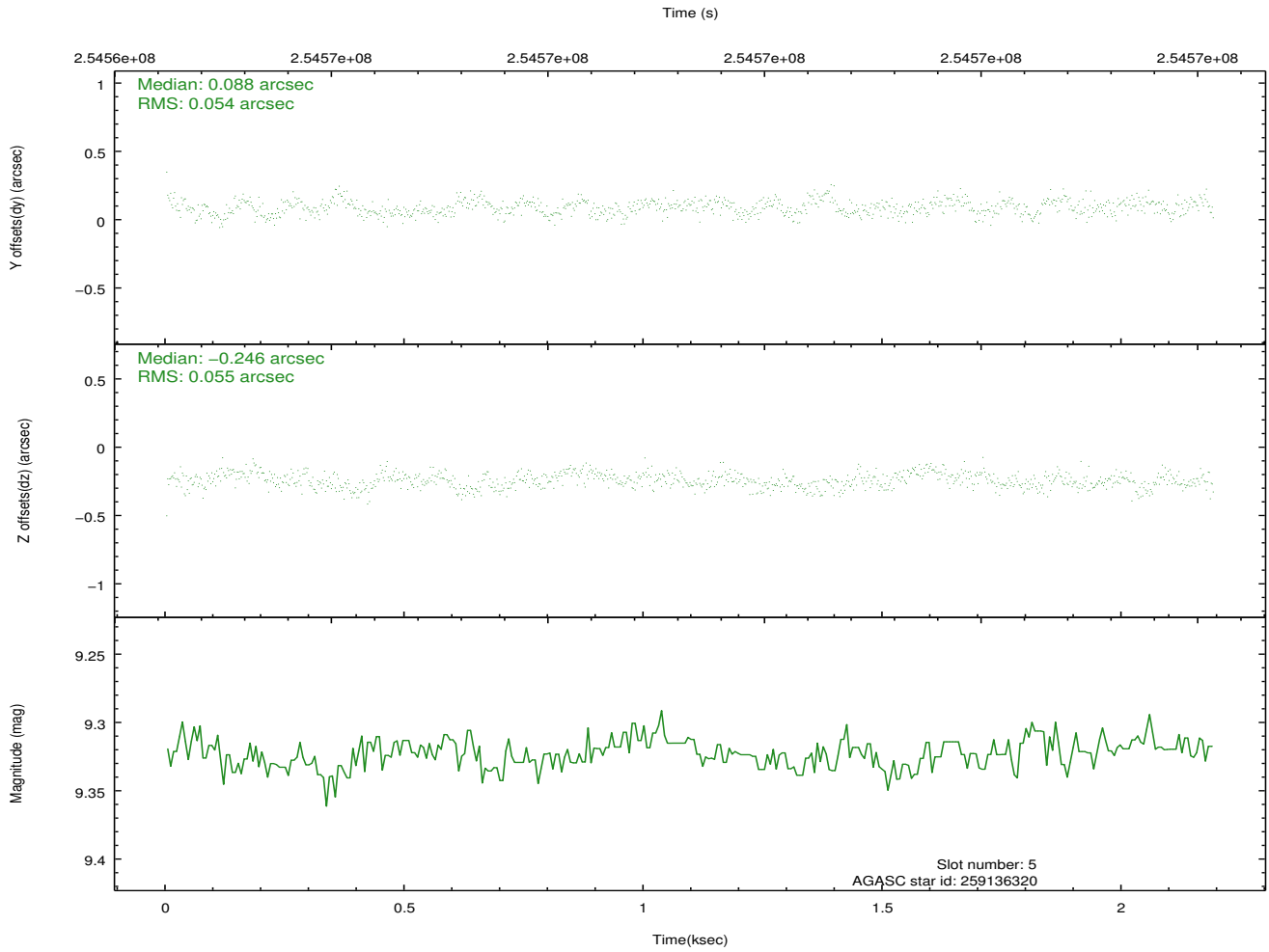
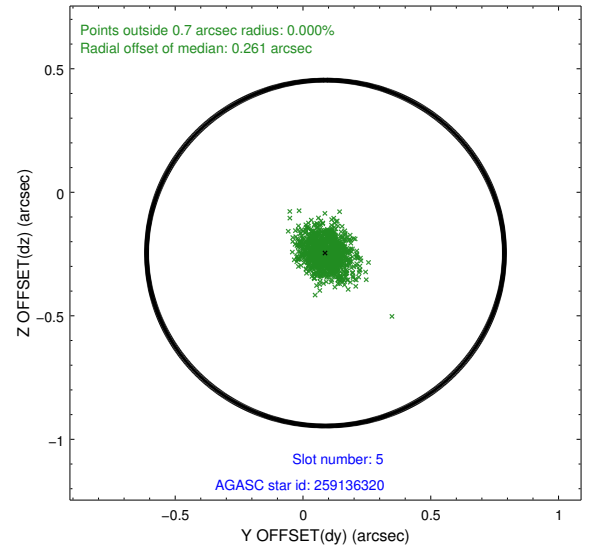
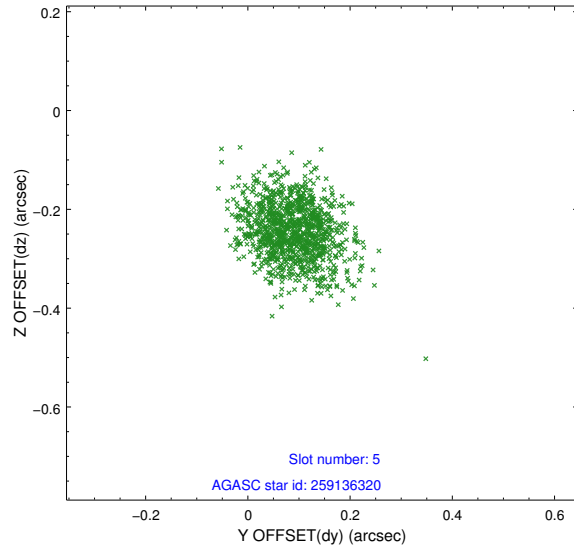
2.4.1 Slot 3



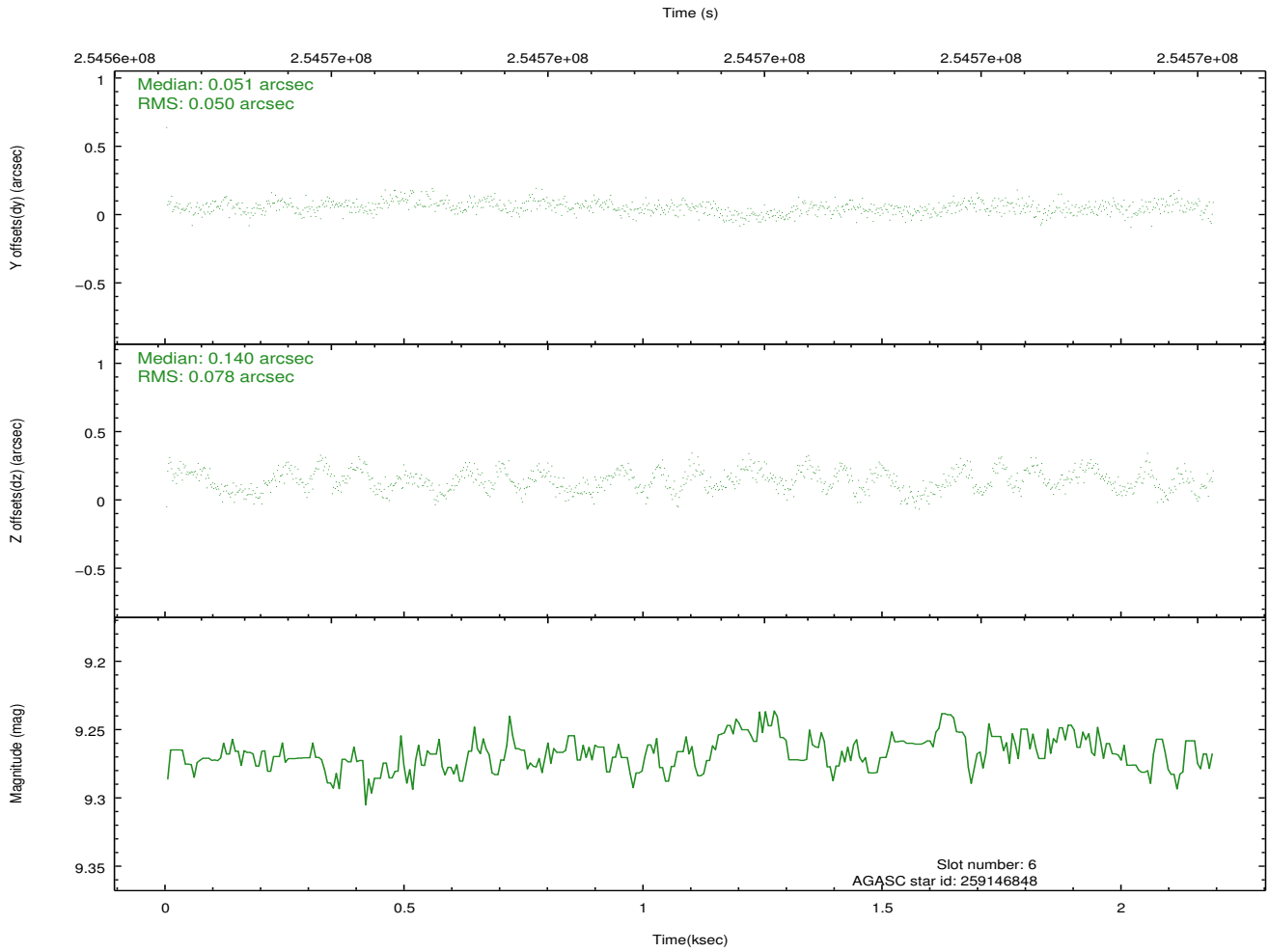
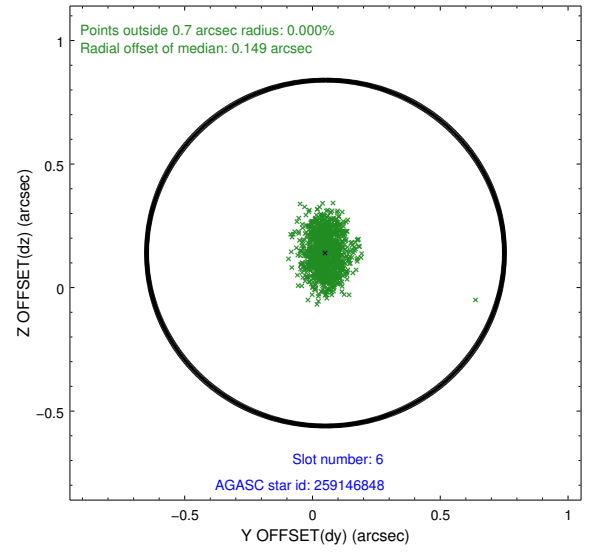
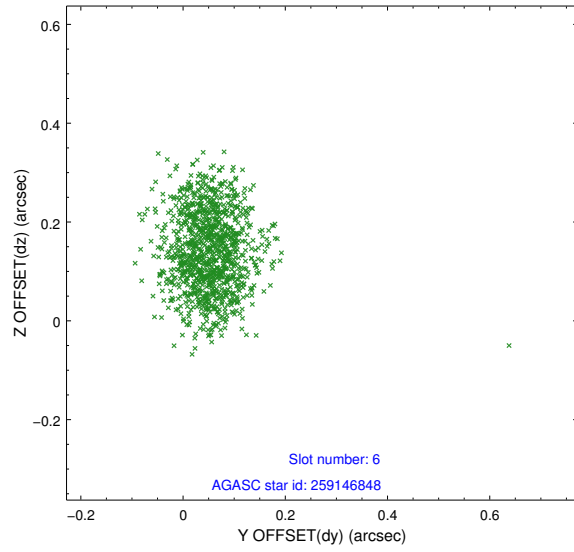
2.4.2 Slot 4



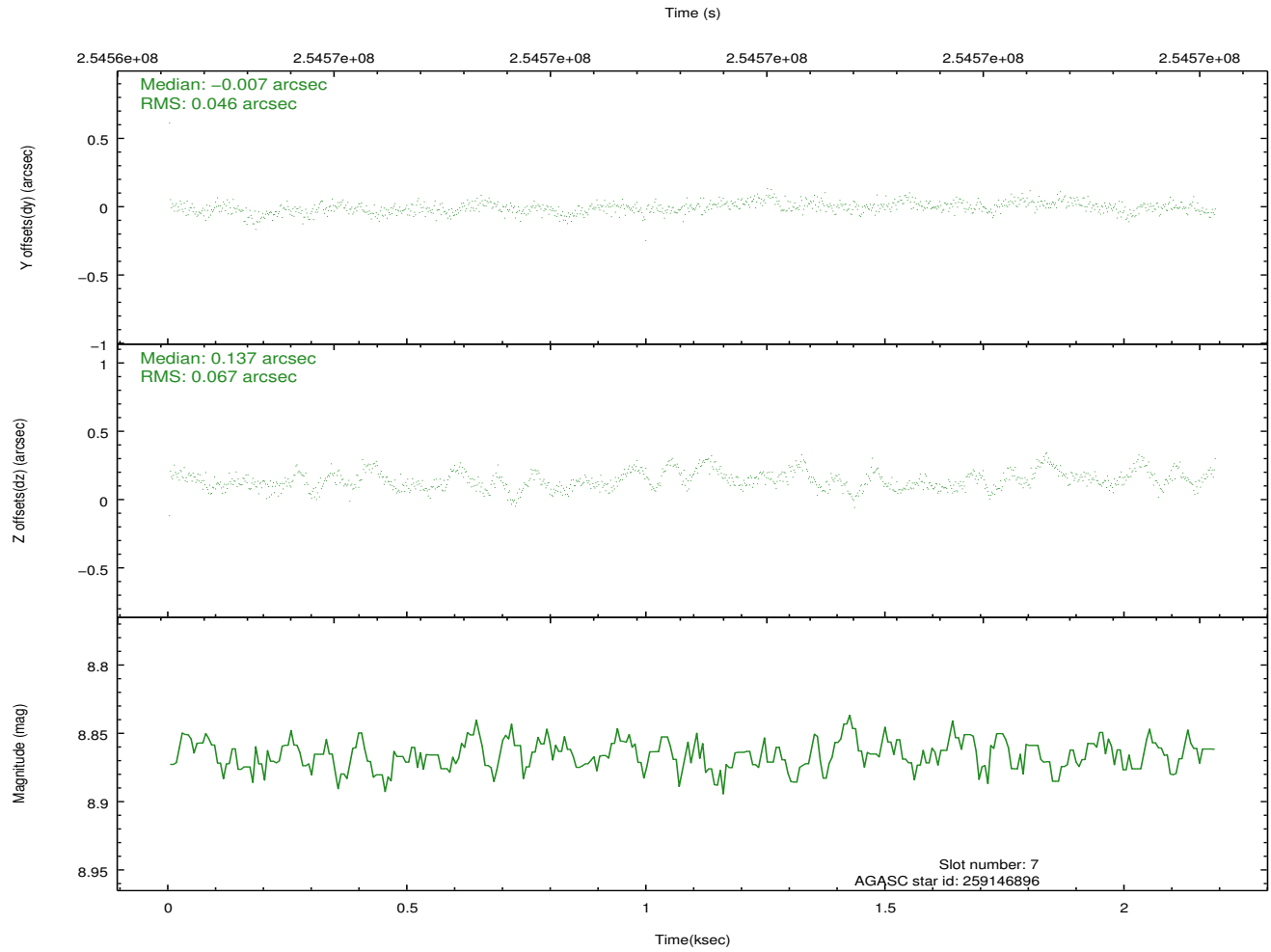
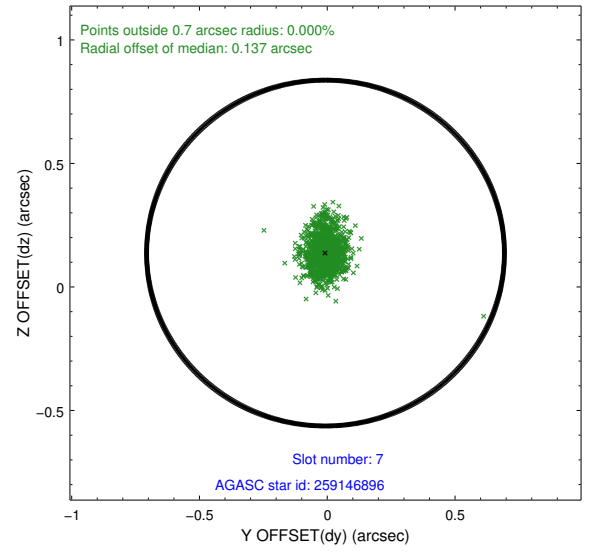
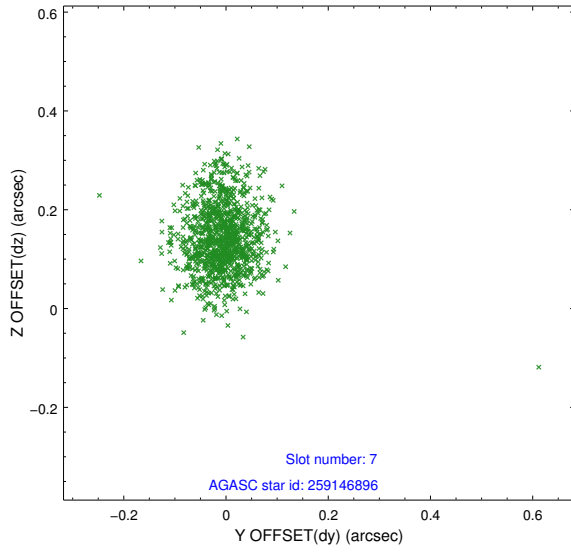
2.4.3 Slot 5



2.4.4 Slot 6

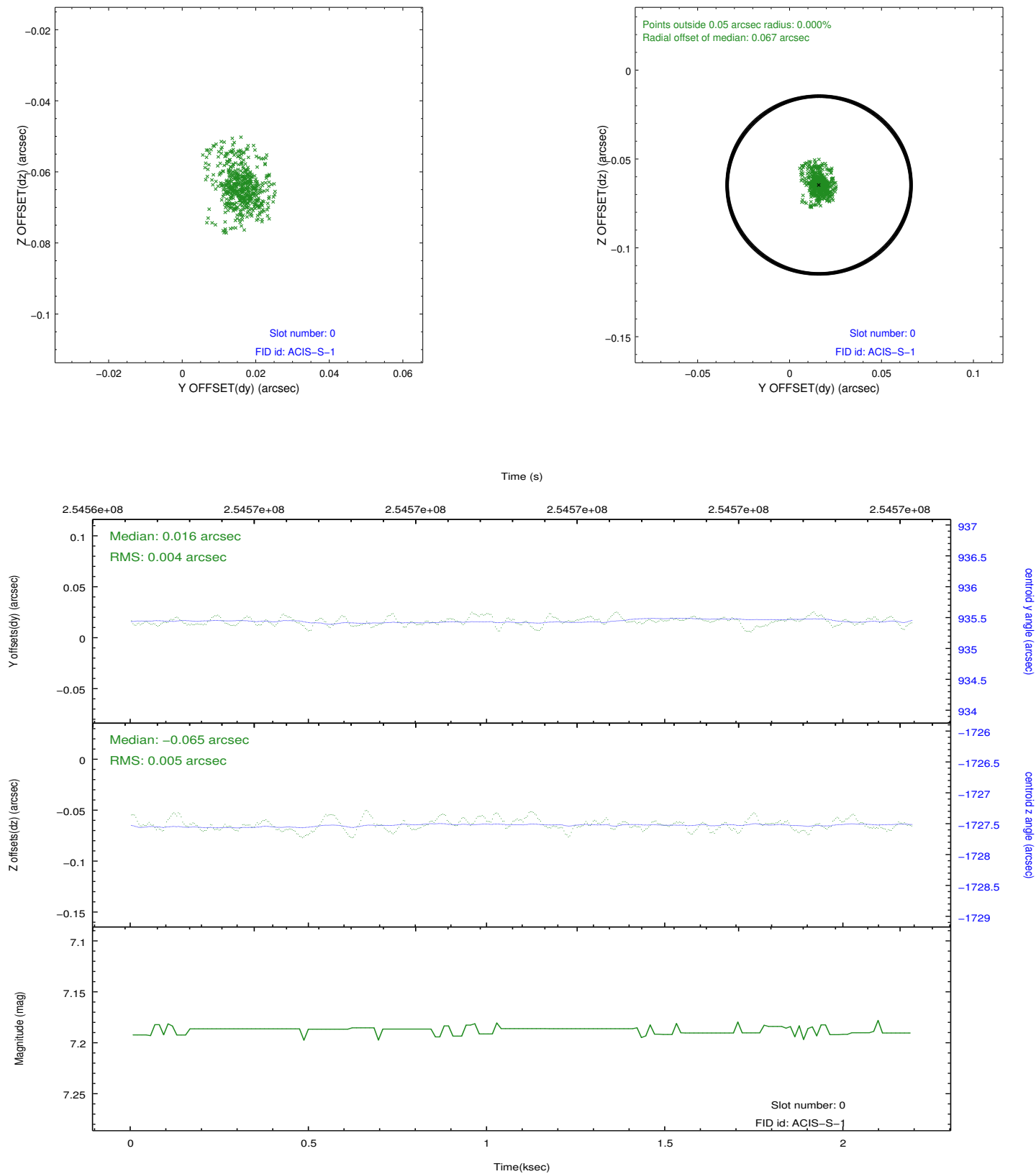


2.4.5 Slot 7

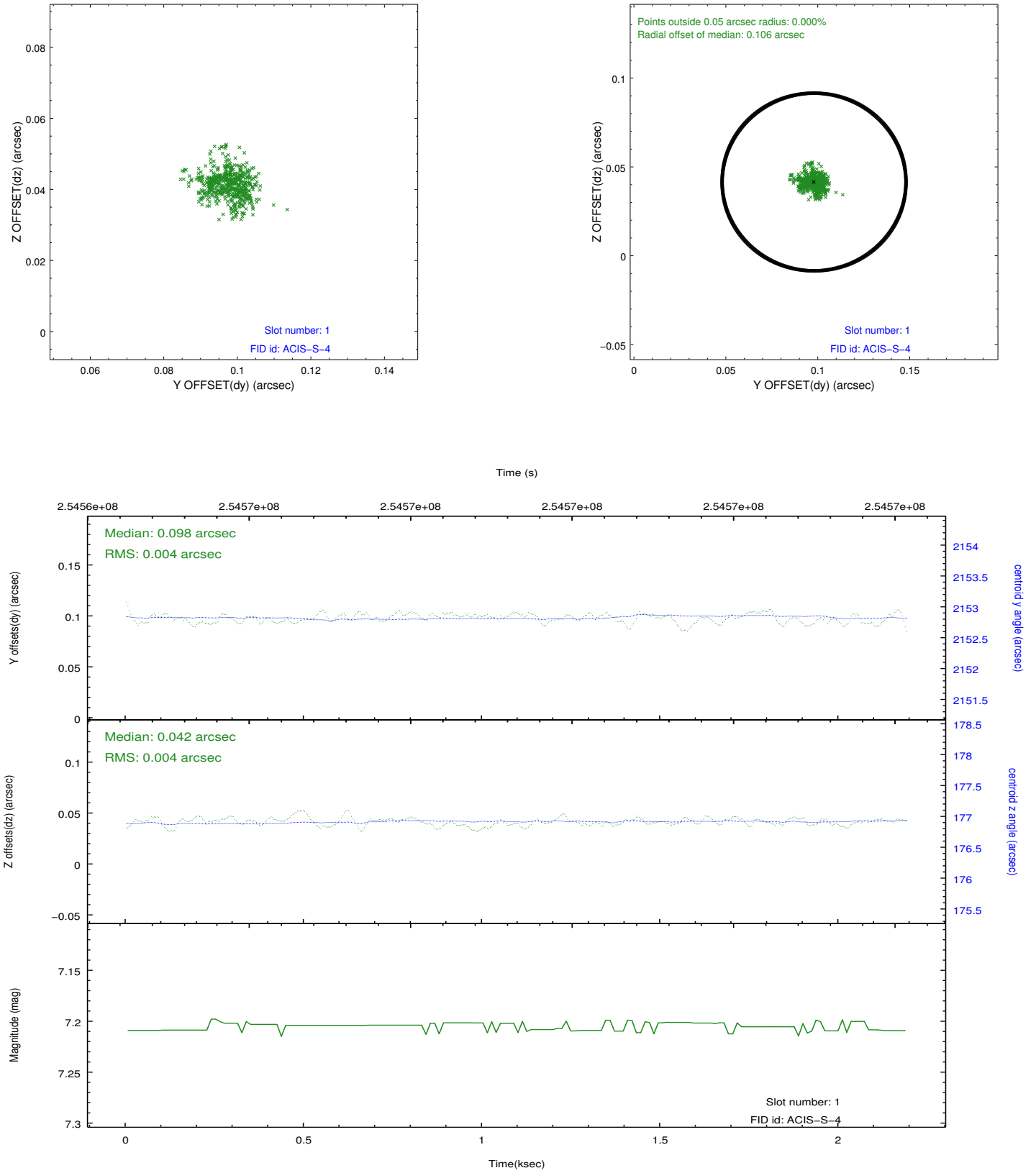


2.5 FID Slots

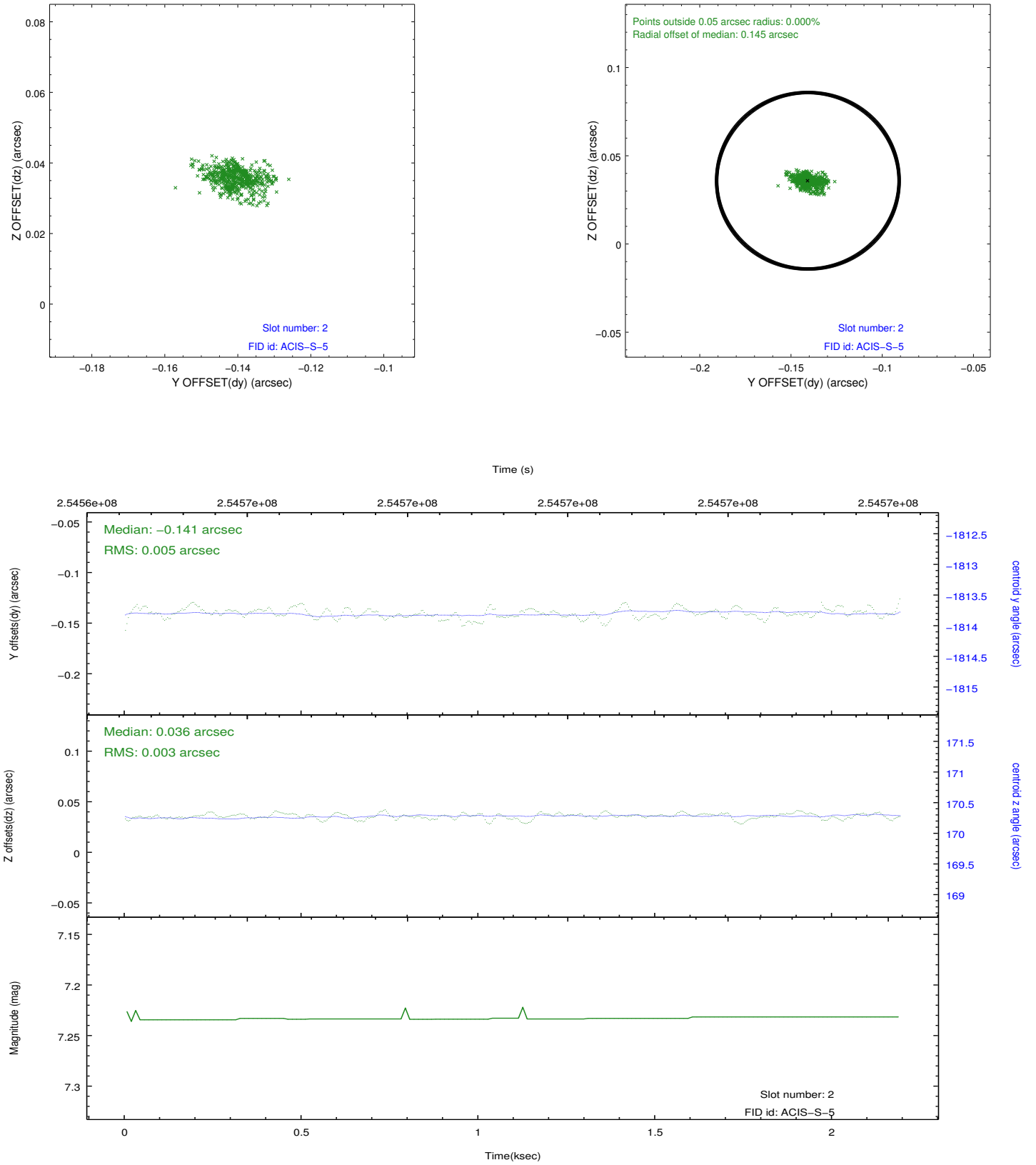
2.5.1 Slot 0



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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.75679999

A.2 Comments