

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7085 - L2 Version 2
Chandra X-Ray Center

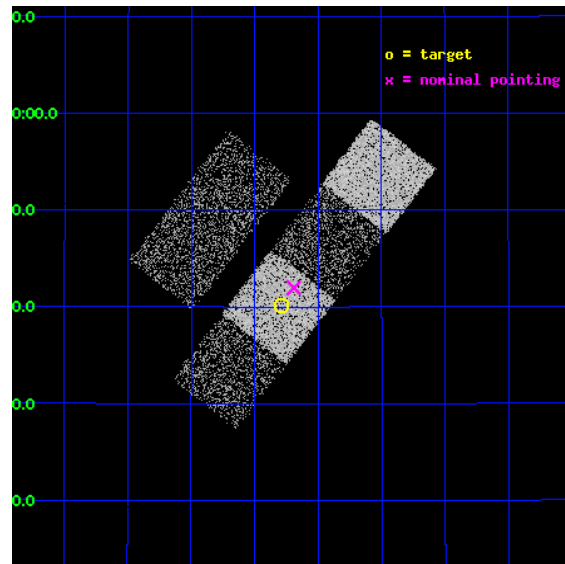
L2 Processing Date : Mar 24 2012

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1 Front

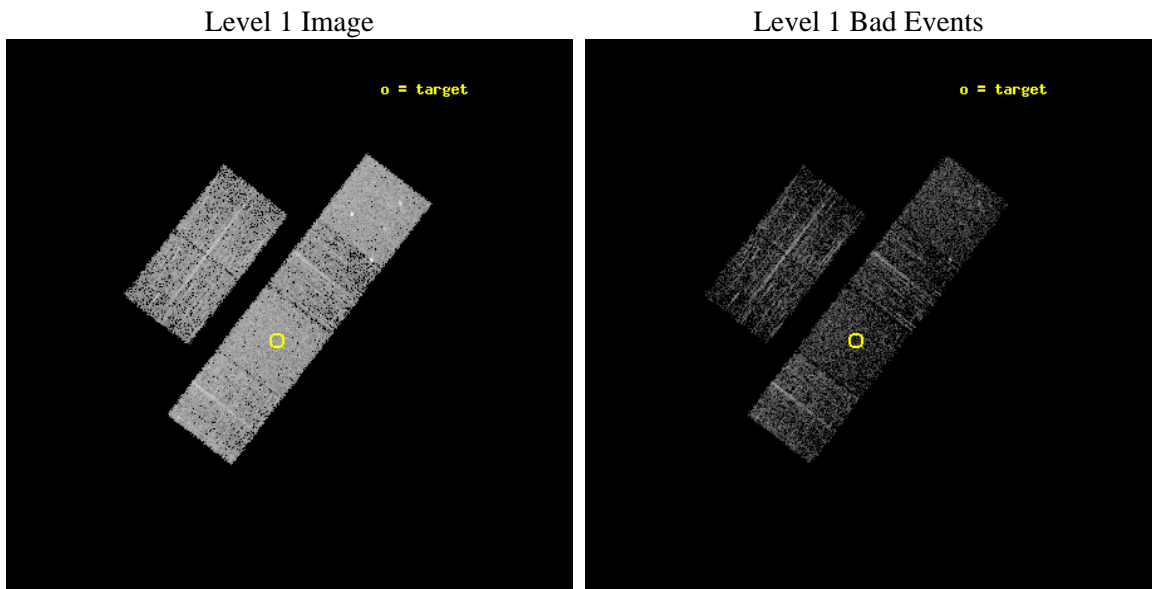
seq_num	600523	Sequence number
obs_id	7085	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 3274	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	158.072083	Observer's specified target RA [deg]
dec_targ	27.668889	Observer's specified target Dec [deg]
ra_nom	158.04784162682	Nominal RA [deg]
dec_nom	27.699454152144	Nominal Dec [deg]
roll_nom	127.72202306814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1753.5999934673	Sum of GTIs [s]
livetime	1731.3948544589	Livetime [s]
ontime2	1753.5999934673	Sum of GTIs [s]
ontime3	1753.5999934673	Sum of GTIs [s]
ontime5	1753.5999934673	Sum of GTIs [s]
ontime6	1753.5999934673	Sum of GTIs [s]
ontime7	1753.5999934673	Sum of GTIs [s]
ontime8	1750.3590131998	Sum of GTIs [s]
l2events	23720	Number of level 2 events



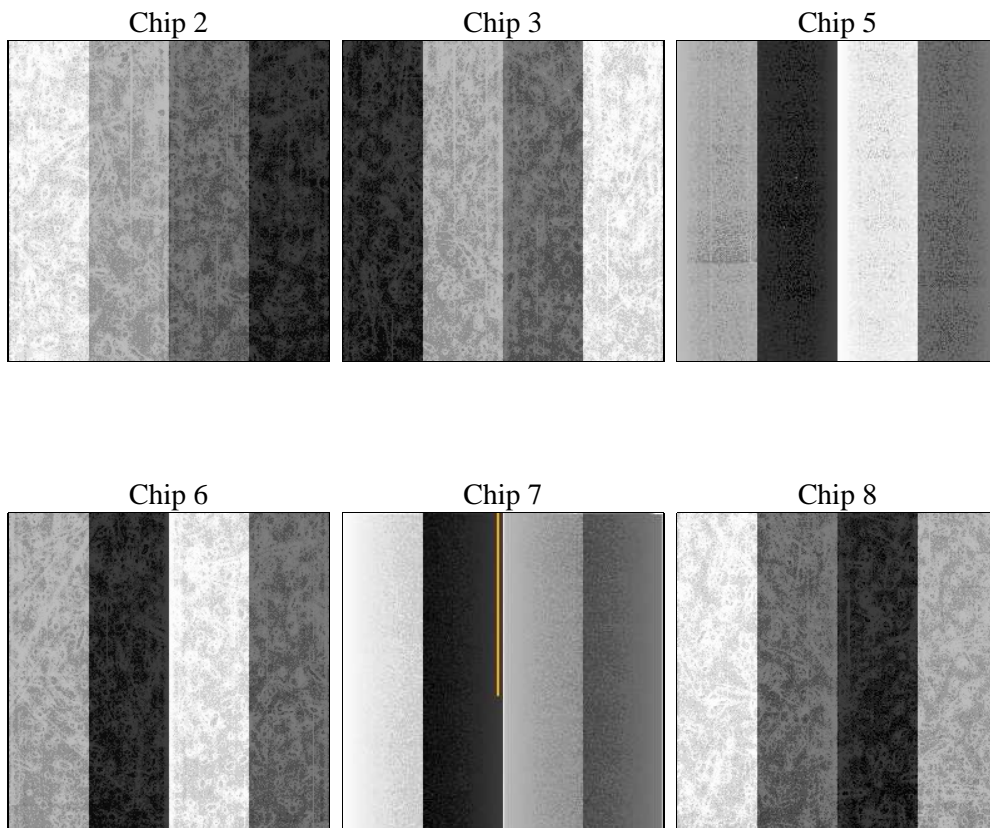
2 OBI

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	1753.5999934673	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	1753.5999934673	Sum of GTIs [s]
date	2012-03-25T01:47:43	Date and time of file creation	ontime3	1753.5999934673	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1753.5999934673	Sum of GTIs [s]
			ontime6	1753.5999934673	Sum of GTIs [s]
			ontime7	1753.5999934673	Sum of GTIs [s]
			ontime8	1750.3590131998	Sum of GTIs [s]
			l1events	108176	Number of level 1 events

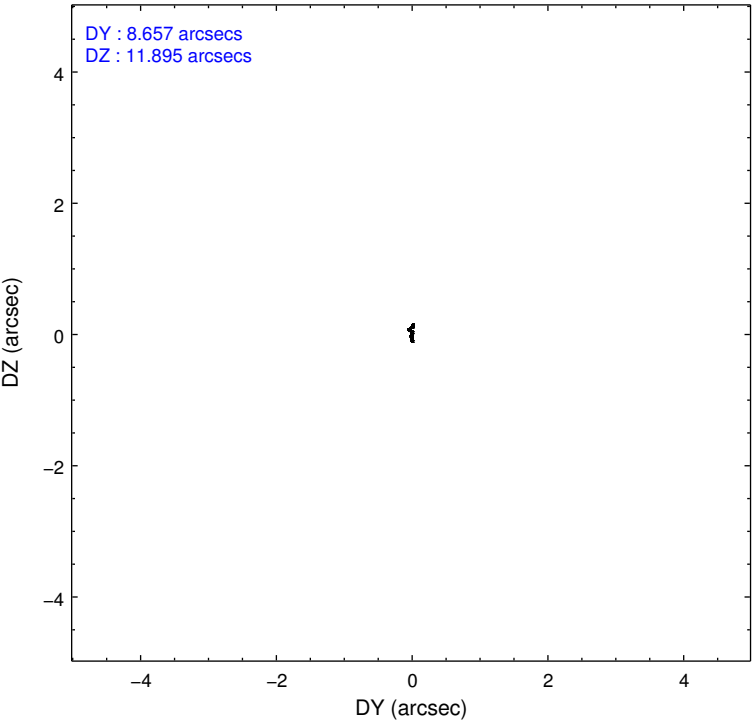
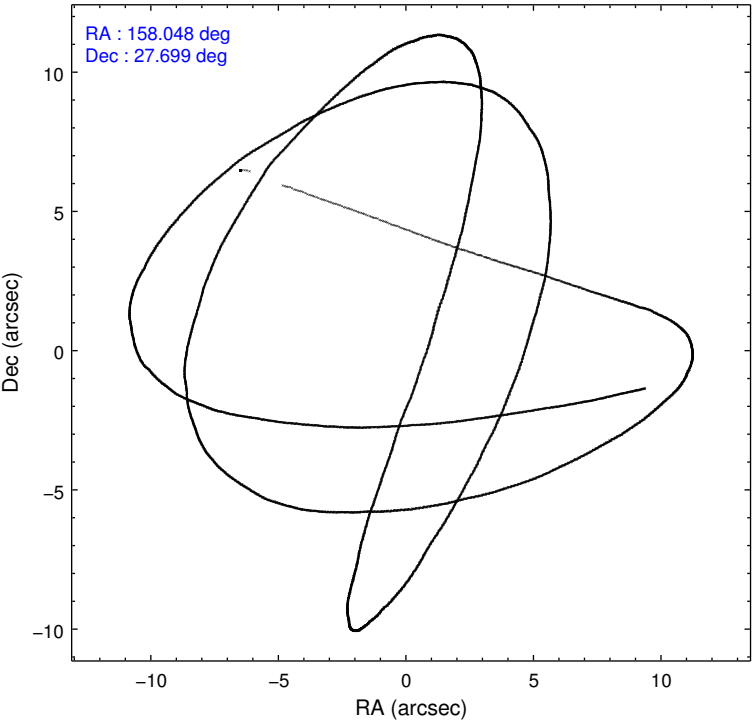
2.1.4 Events

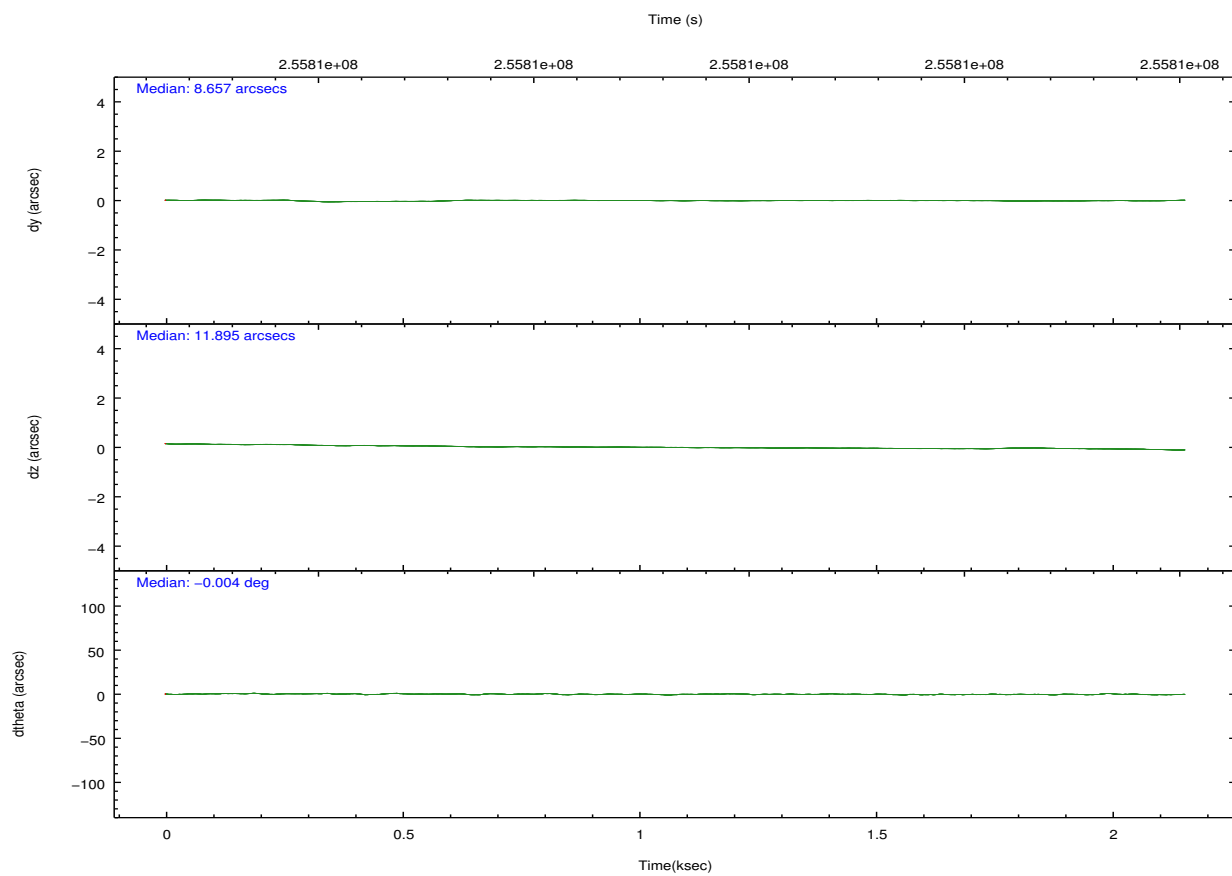
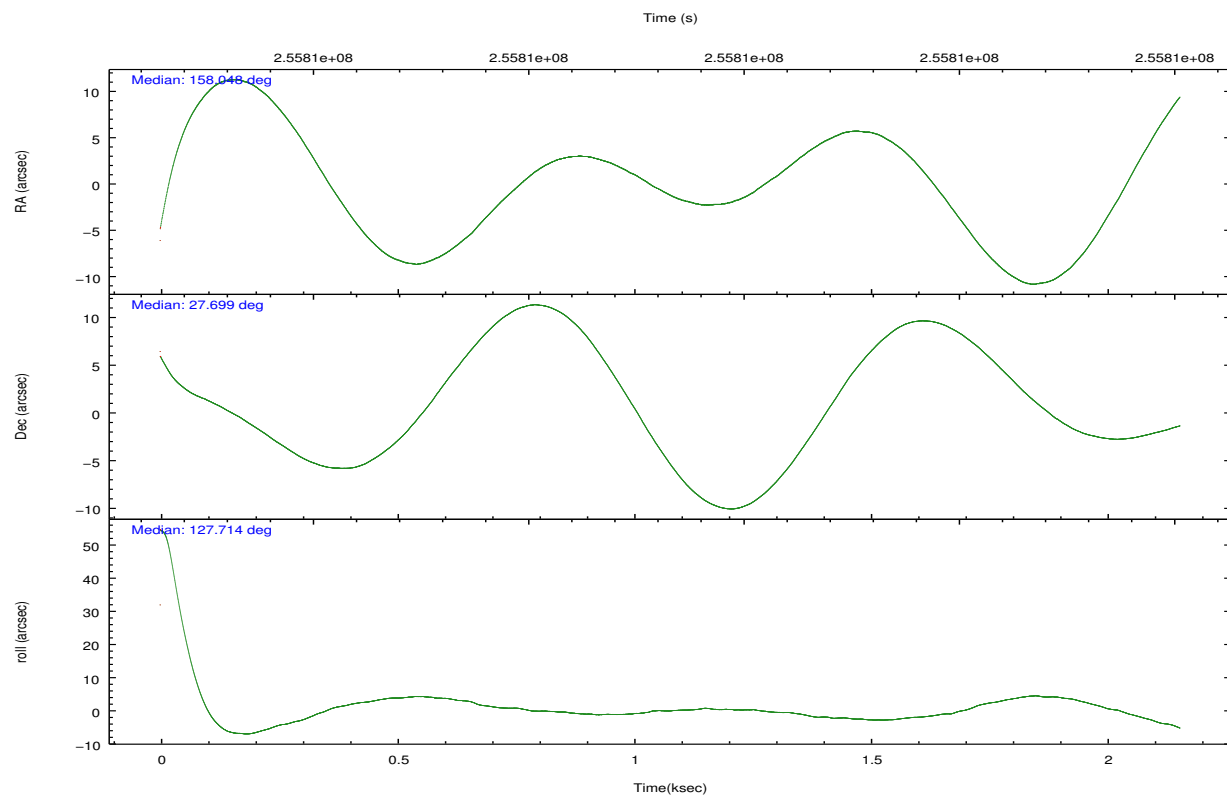
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	15275	14708	23294	14303	20147	20449	grade 0 events	747	724	1233	666	741	1223
rejected events	13564	12975	12449	12574	11722	16599		4%	4%	5%	4%	3%	5%
rejected %	88%	88%	53%	87%	58%	81%	grade 1 events	7	11	81	12	22	31
								0%	0%	0%	0%	0%	0%
							grade 2 events	340	345	3332	357	1718	853
								2%	2%	14%	2%	8%	4%
							grade 3 events	177	191	406	170	697	458
								1%	1%	1%	1%	3%	2%
							grade 4 events	188	185	410	158	753	413
								1%	1%	1%	1%	3%	2%
							grade 5 events	568	633	1703	635	1911	866
								3%	4%	7%	4%	9%	4%
							grade 6 events	260	293	5502	380	4541	916
								1%	1%	23%	2%	22%	4%
							grade 7 events	12988	12326	10627	11925	9764	15689
								85%	83%	45%	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	158.076473	158.0478416268162	Subarray requested	NONE	NONE
[deg] Pointing Dec	27.689538	27.69945415214404	Alternating exposures requested	N	N
[deg] Pointing Roll	127.551734	127.7220230681392	[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)	255808407.184000	255807049.22109			
Observation start date	2006-02-08T17:52:22	2006-02-08T17:30:49			
[s] Observation end time (MET)	255810407.184000	255810940.12127			
Observation end date	2006-02-08T18:25:42	2006-02-08T18:35:40			
Read mode	TIMED	TIMED			

2.3 Aspect



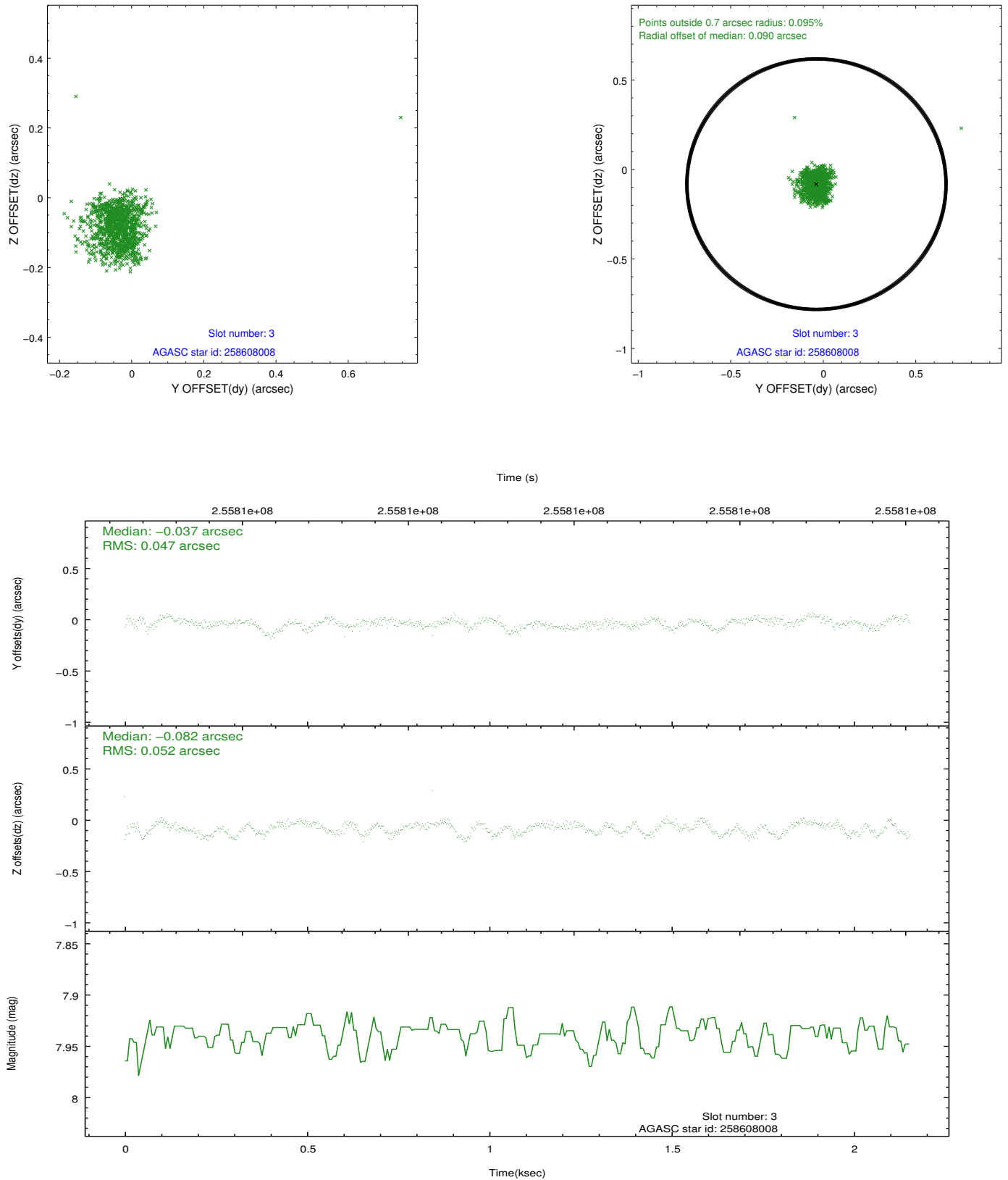


Slot Statistics

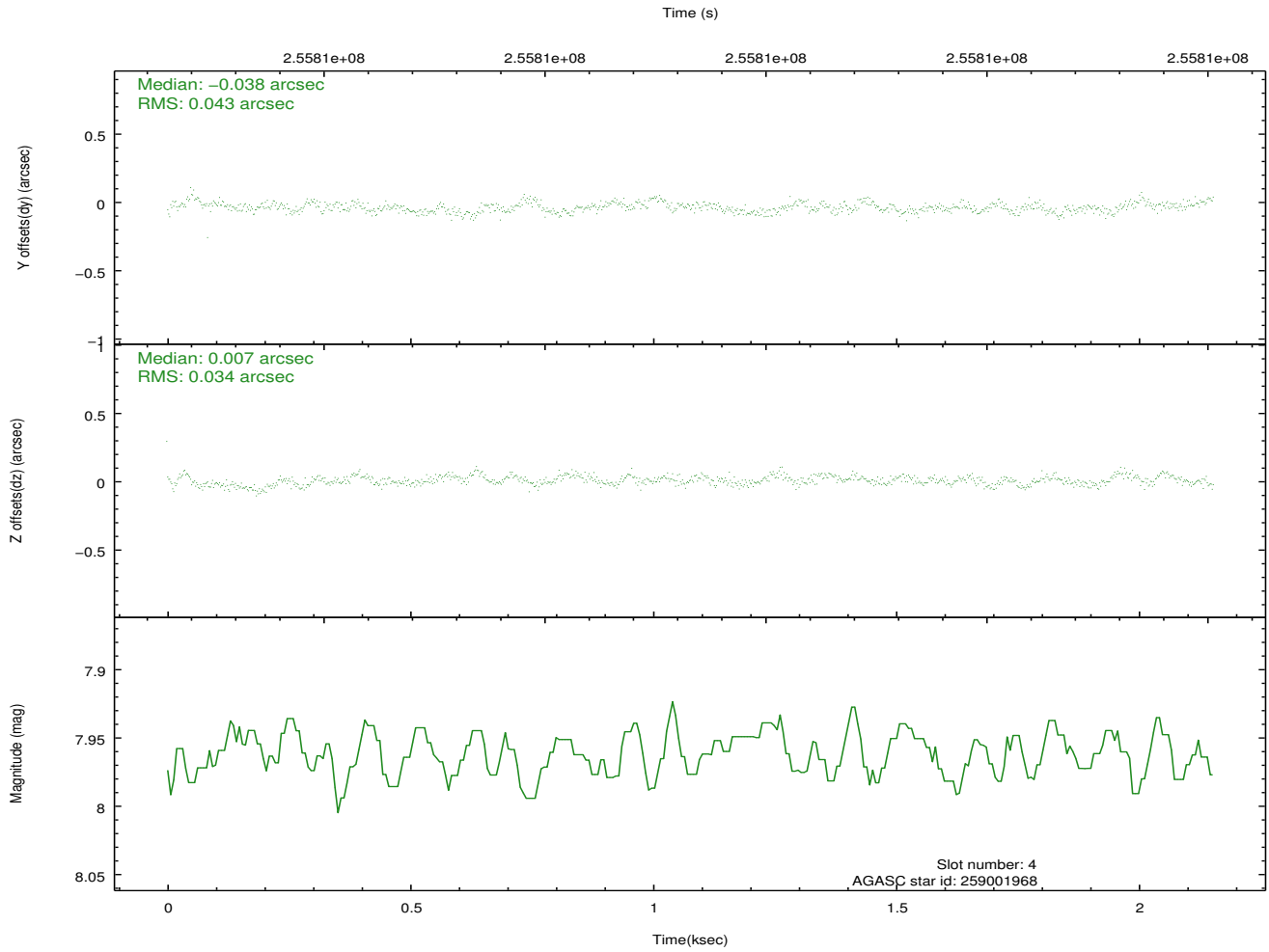
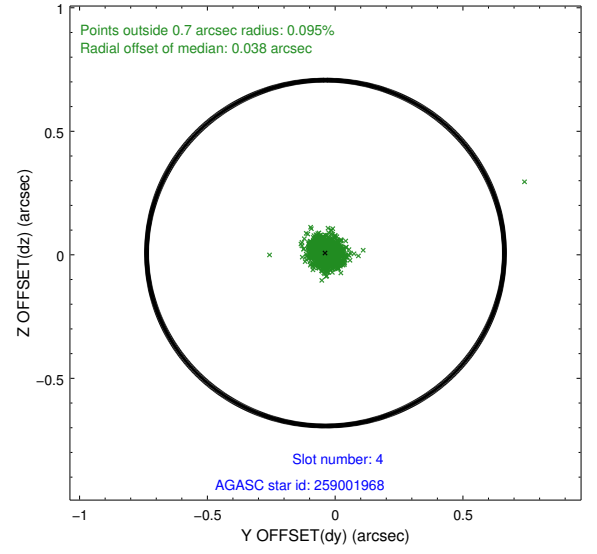
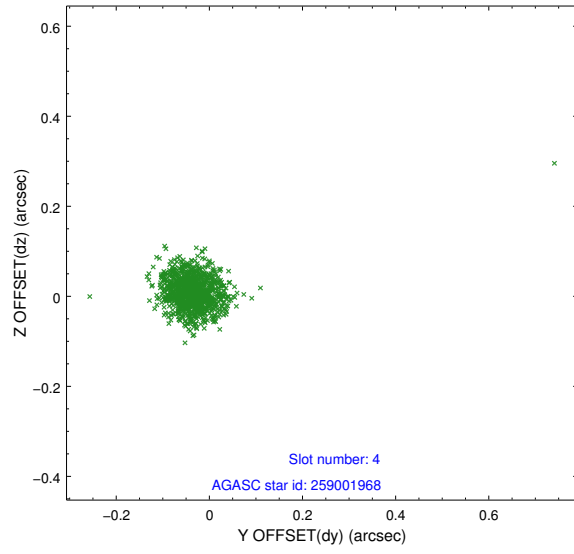
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	526	-0.022	-0.031	0.007	0.011	0.000000	0.000000	-761.47	-1733.18
1	FID	ACIS-S-4	7.20	526	0.134	0.019	0.005	0.010	0.000000	0.000000	2150.59	172.22
2	FID	ACIS-S-5	7.23	526	-0.145	0.022	0.006	0.010	0.000000	0.000000	-1810.55	169.33
3	GUIDE	258608008	7.94	1052	-0.037	-0.082	0.069	0.110	157.589751	27.335771	-58.62	2008.23
4	GUIDE	259001968	7.96	1052	-0.038	0.007	0.052	0.081	157.494047	27.825642	1522.22	1171.03
5	GUIDE	259002480	8.69	1052	0.171	0.044	0.063	0.099	158.320744	27.775130	-227.83	-804.09
6	GUIDE	259004208	6.70	1052	-0.083	0.107	0.045	0.082	158.708432	27.961574	-444.87	-2194.41
7	GUIDE	258605296	8.82	1050	-0.011	-0.074	0.090	0.137	157.303317	27.499002	966.81	2368.98

2.4 Star Slots

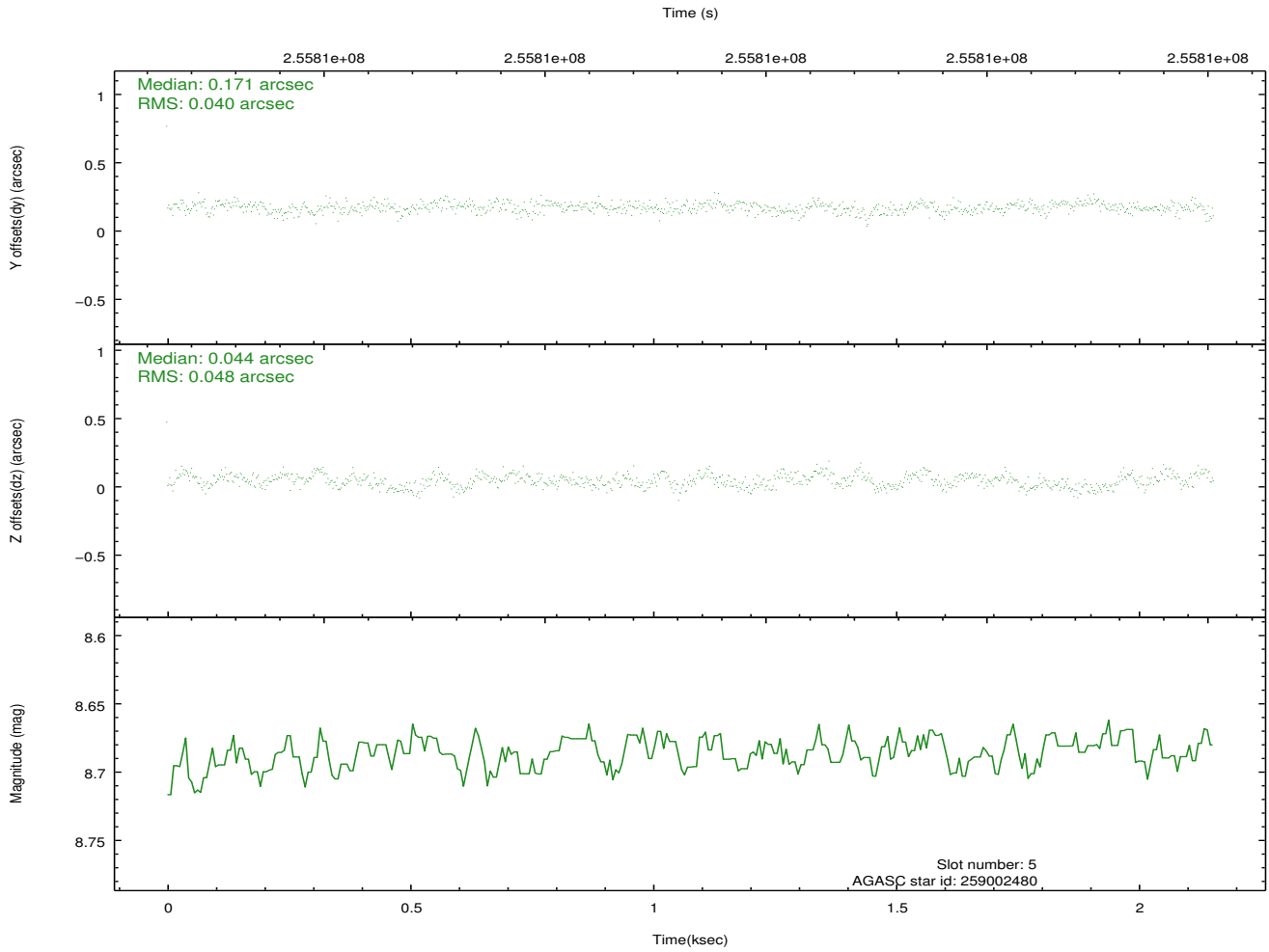
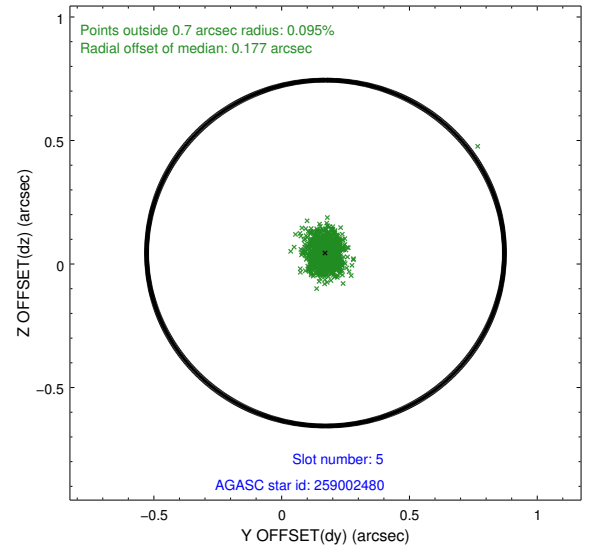
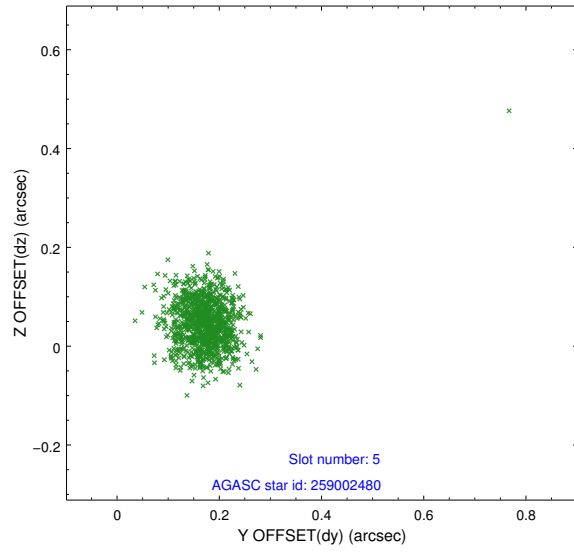
2.4.1 Slot 3



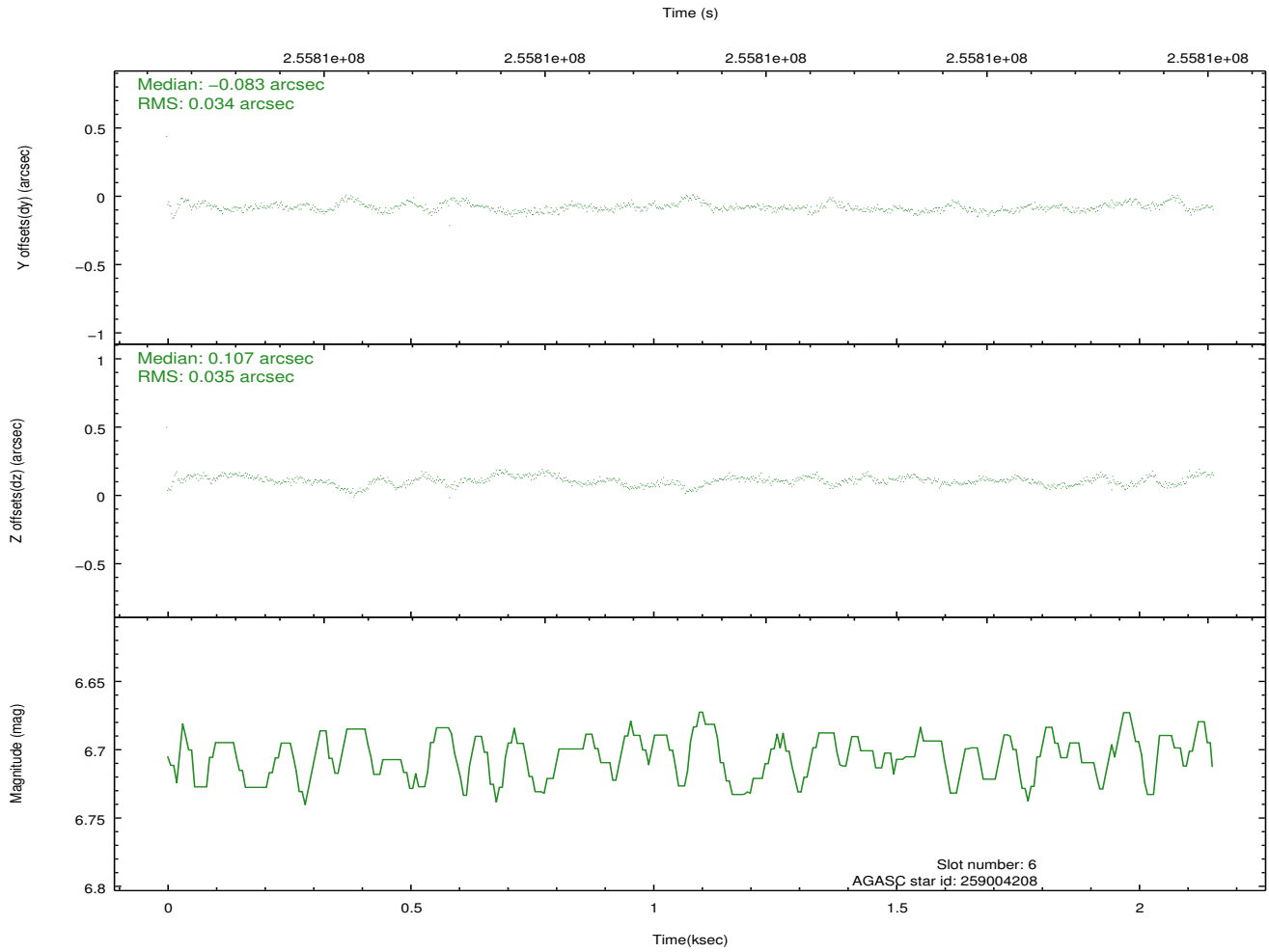
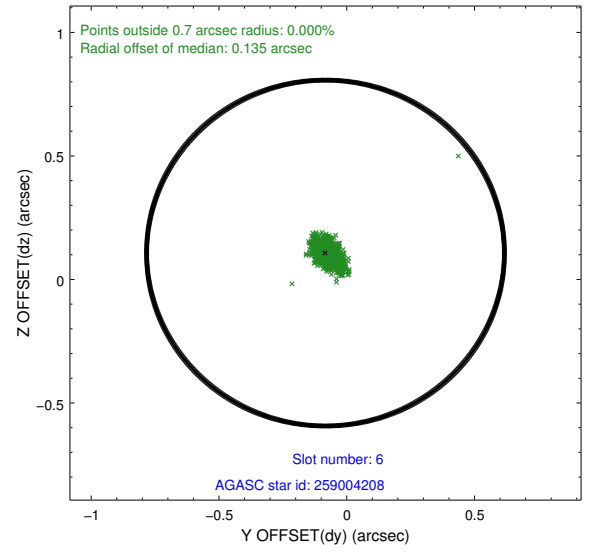
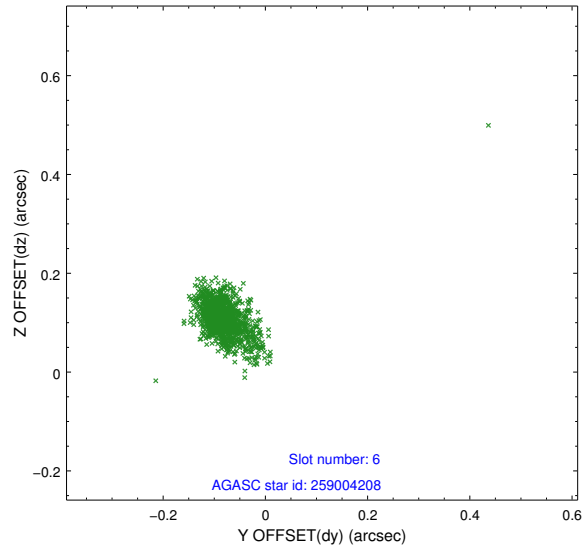
2.4.2 Slot 4



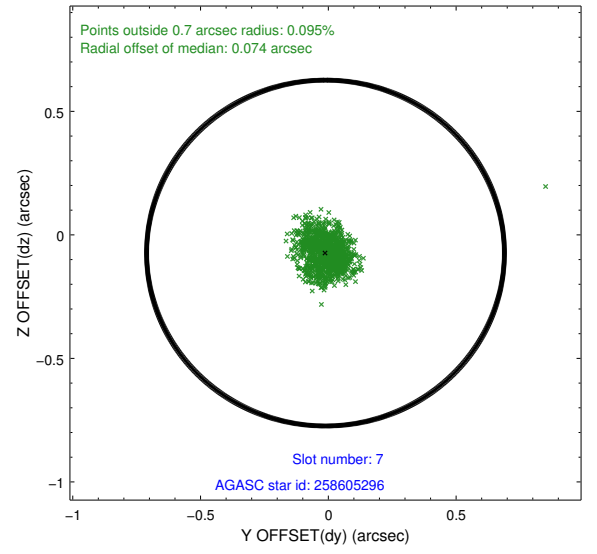
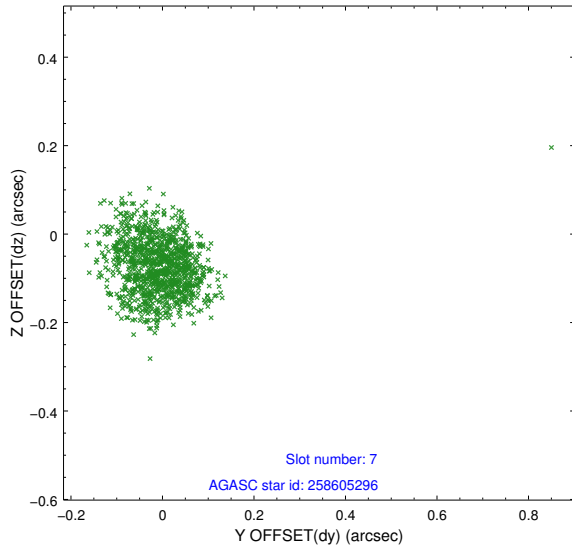
2.4.3 Slot 5



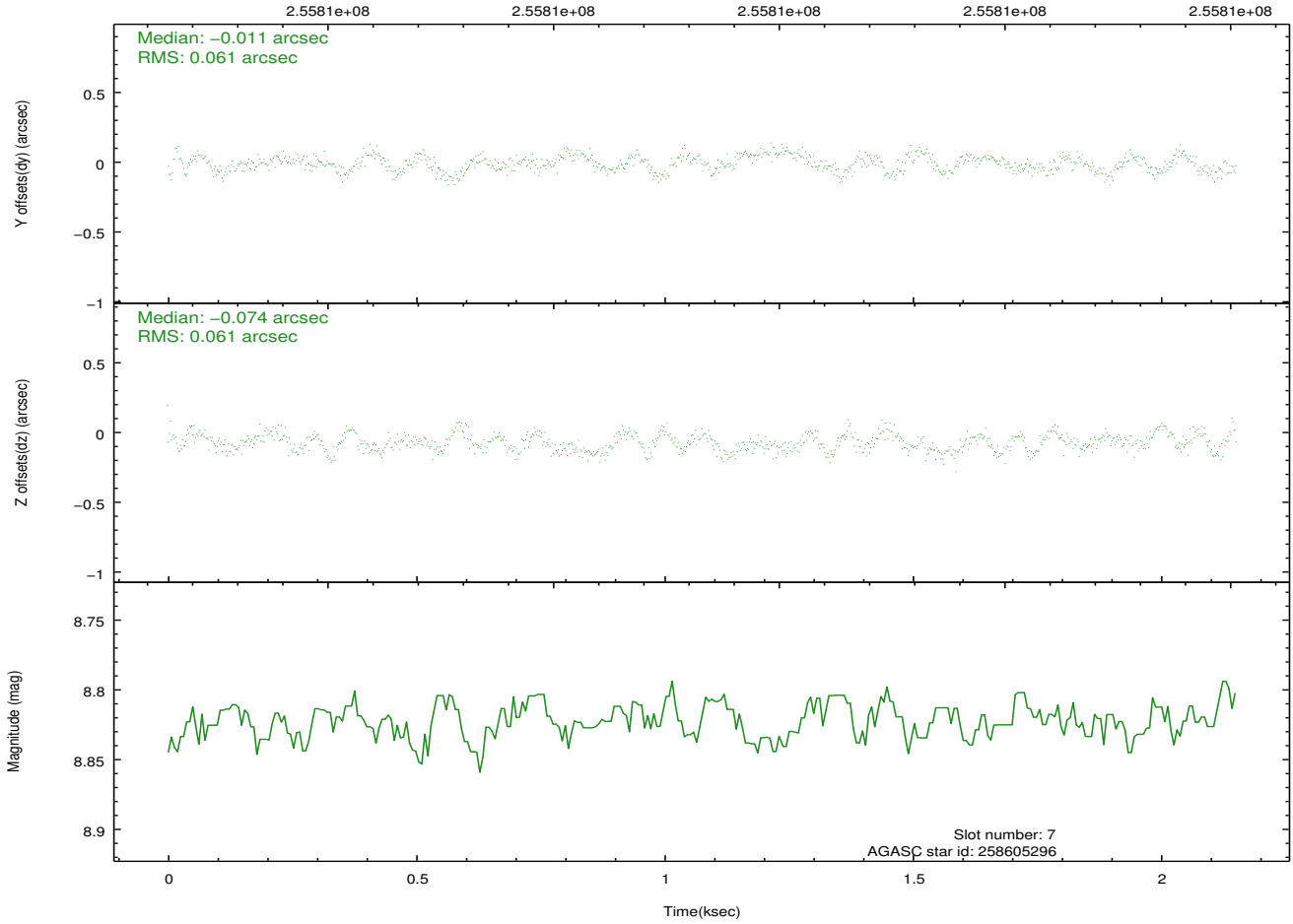
2.4.4 Slot 6



2.4.5 Slot 7

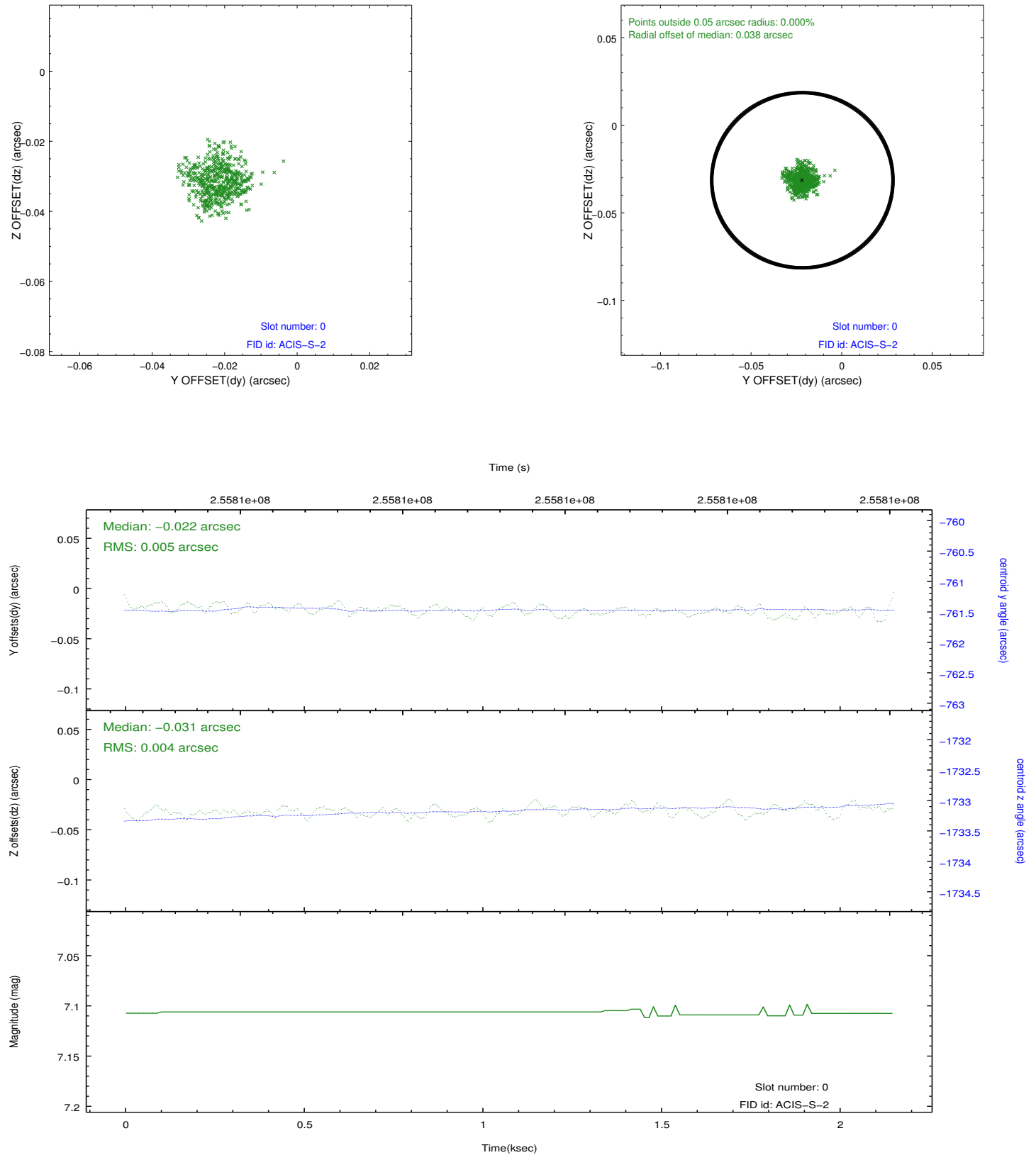


Time (s)

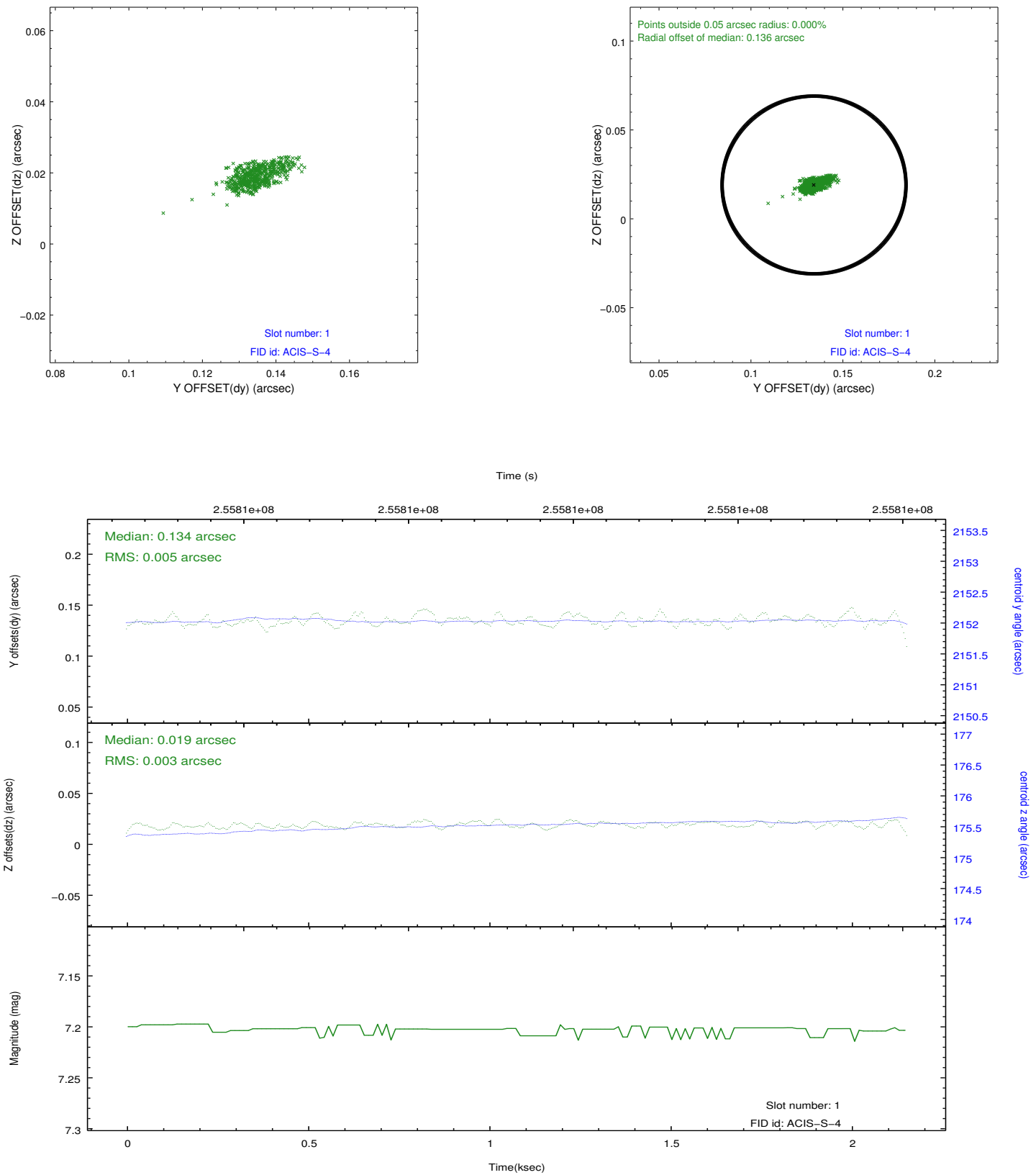


2.5 FID Slots

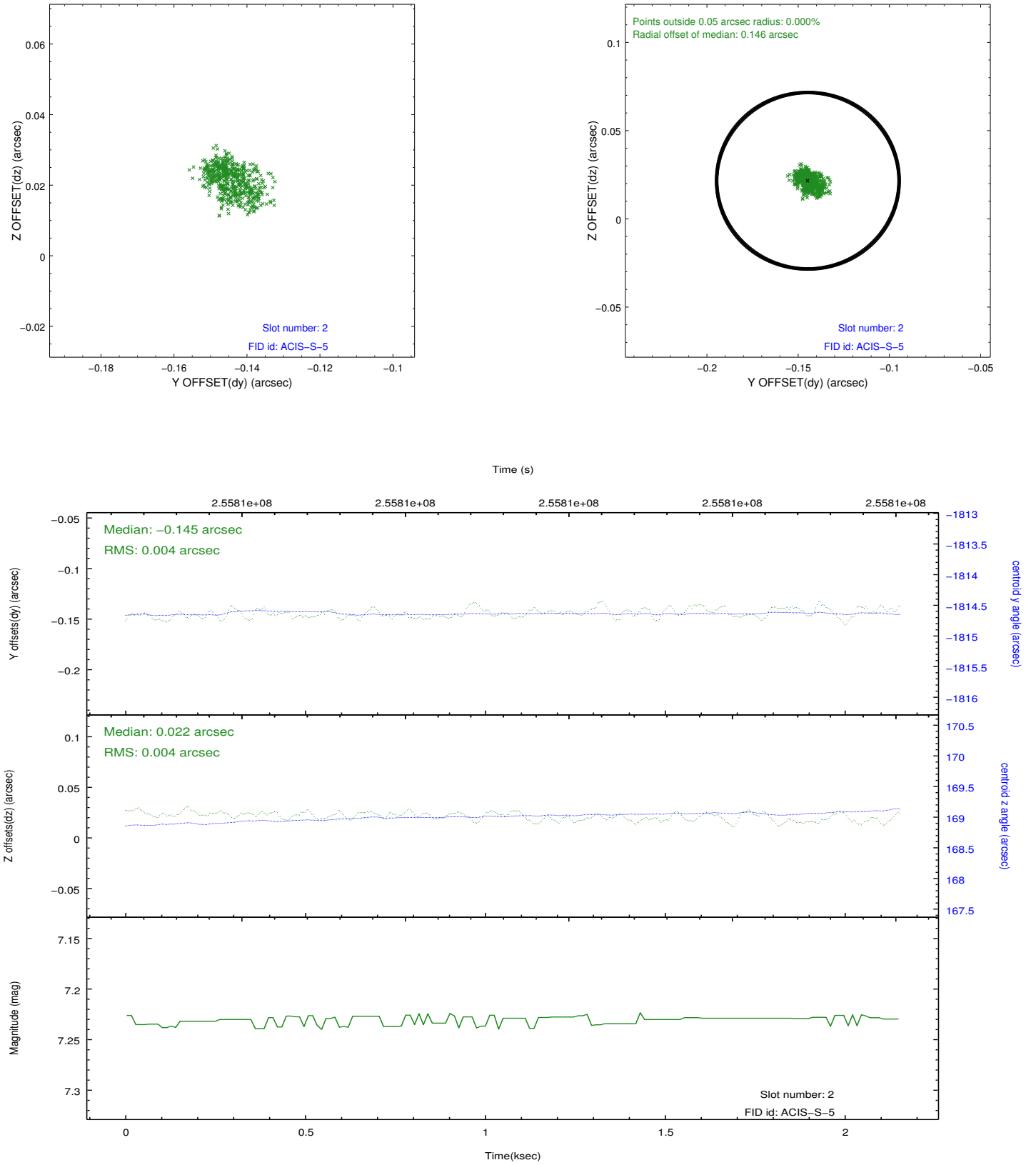
2.5.1 Slot 0



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	1.75359999

A.2 Comments