

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11629 - L2 Version 2
Chandra X-Ray Center

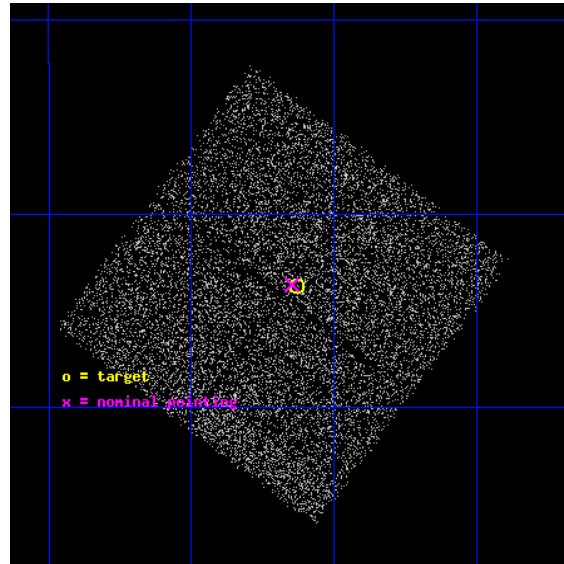
L2 Processing Date : Jun 20 2012

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1 Front

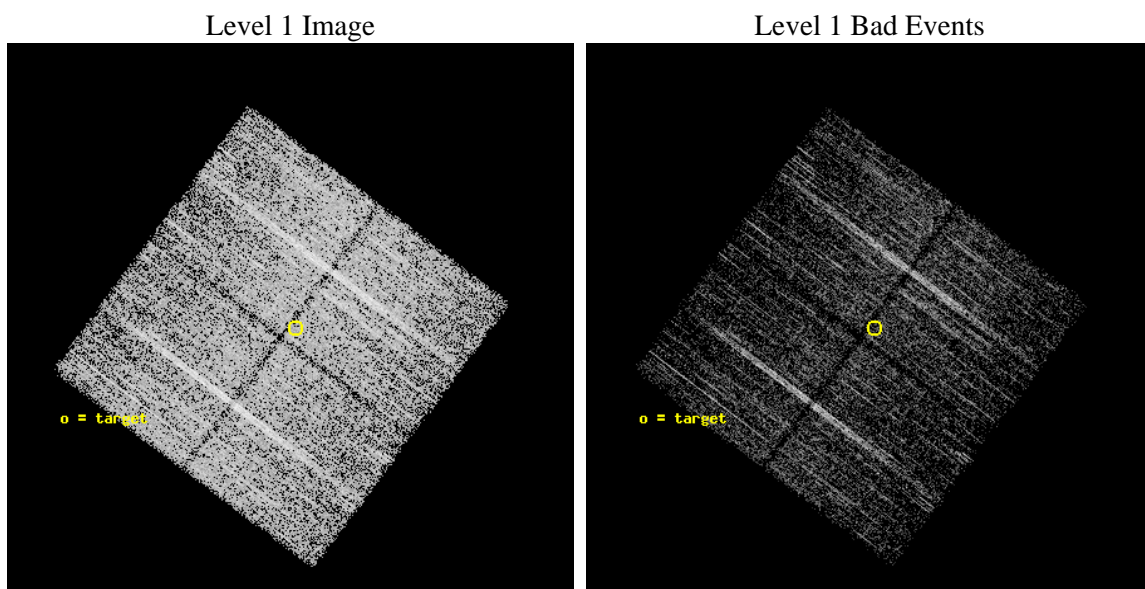
seq_num	702215	Sequence number
obs_id	11629	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_m1480	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	153.9075	Observer's specified target RA [deg]
dec_targ	-5.562111	Observer's specified target Dec [deg]
ra_nom	153.91204674947	Nominal RA [deg]
dec_nom	-5.5609004250122	Nominal Dec [deg]
roll_nom	36.945353850729	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4789.5000368357	Sum of GTIs [s]
livetime	4726.9216928758	Livetime [s]
ontime0	4789.5000368357	Sum of GTIs [s]
ontime1	4789.5000368357	Sum of GTIs [s]
ontime2	4789.5000368357	Sum of GTIs [s]
ontime3	4789.5000368357	Sum of GTIs [s]
l2events	14213	Number of level 2 events



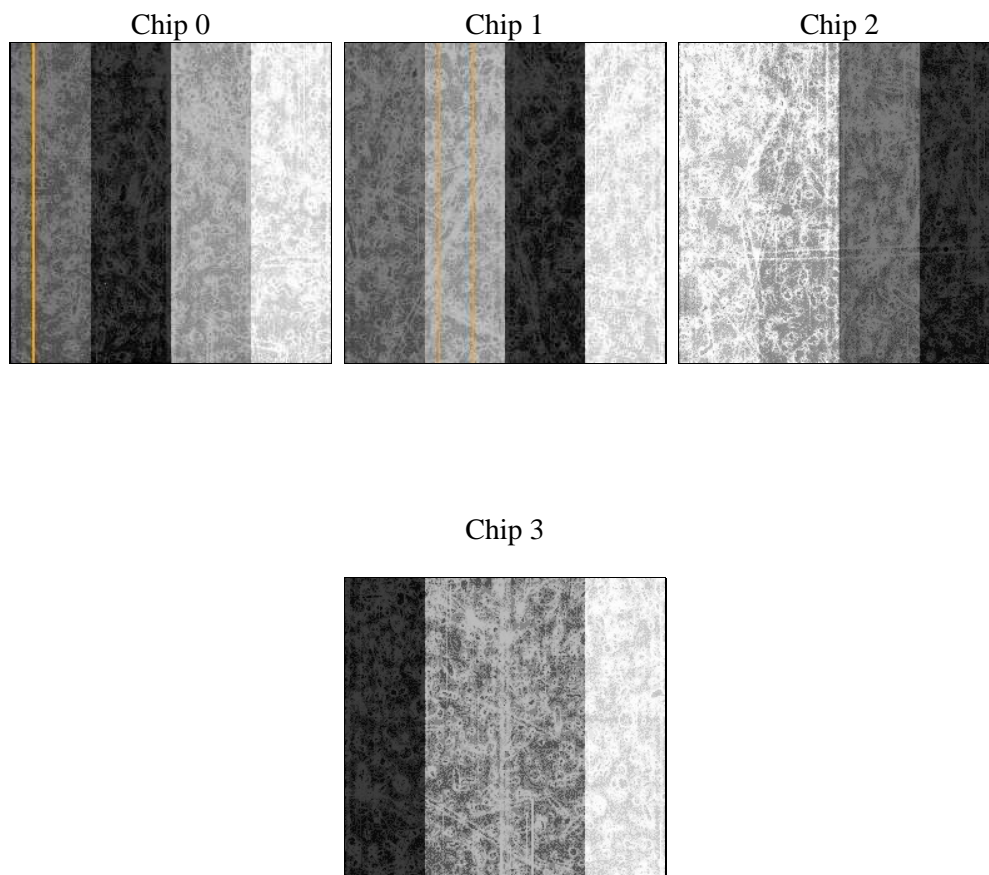
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4789.5000368357	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	4789.5000368357	Sum of GTIs [s]
date	2012-06-20T23:56:23	Date and time of file creation	ontime1	4789.5000368357	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4789.5000368357	Sum of GTIs [s]
			ontime3	4789.5000368357	Sum of GTIs [s]
			l1events	155282	Number of level 1 events

2.1.4 Events

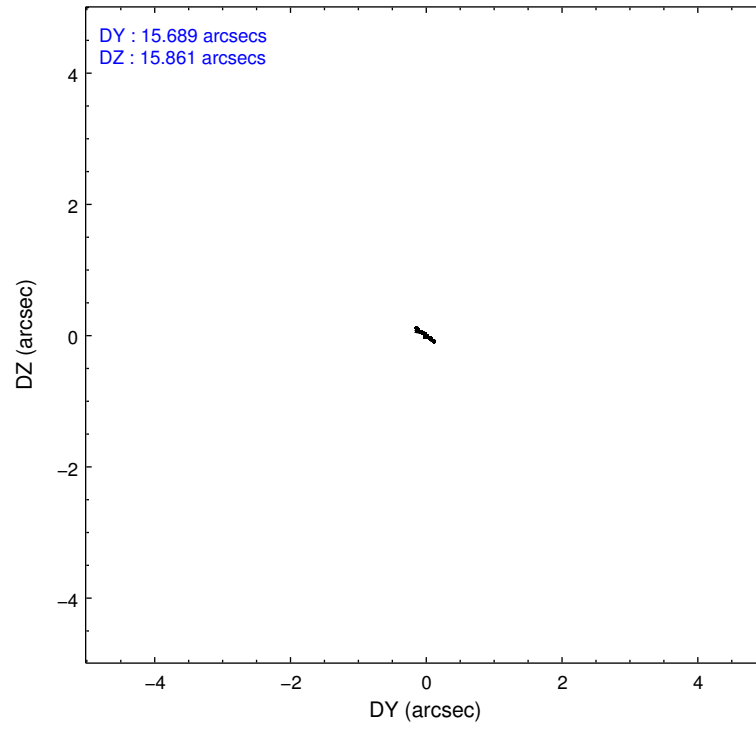
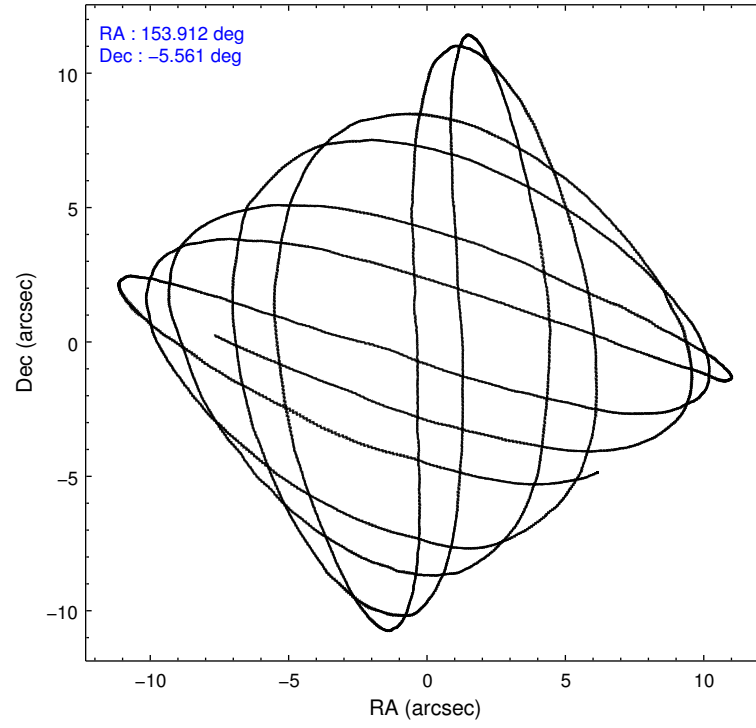
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	37259	37296	41047	39680
rejected events	32873	32635	36892	35718
rejected %	88%	87%	89%	90%

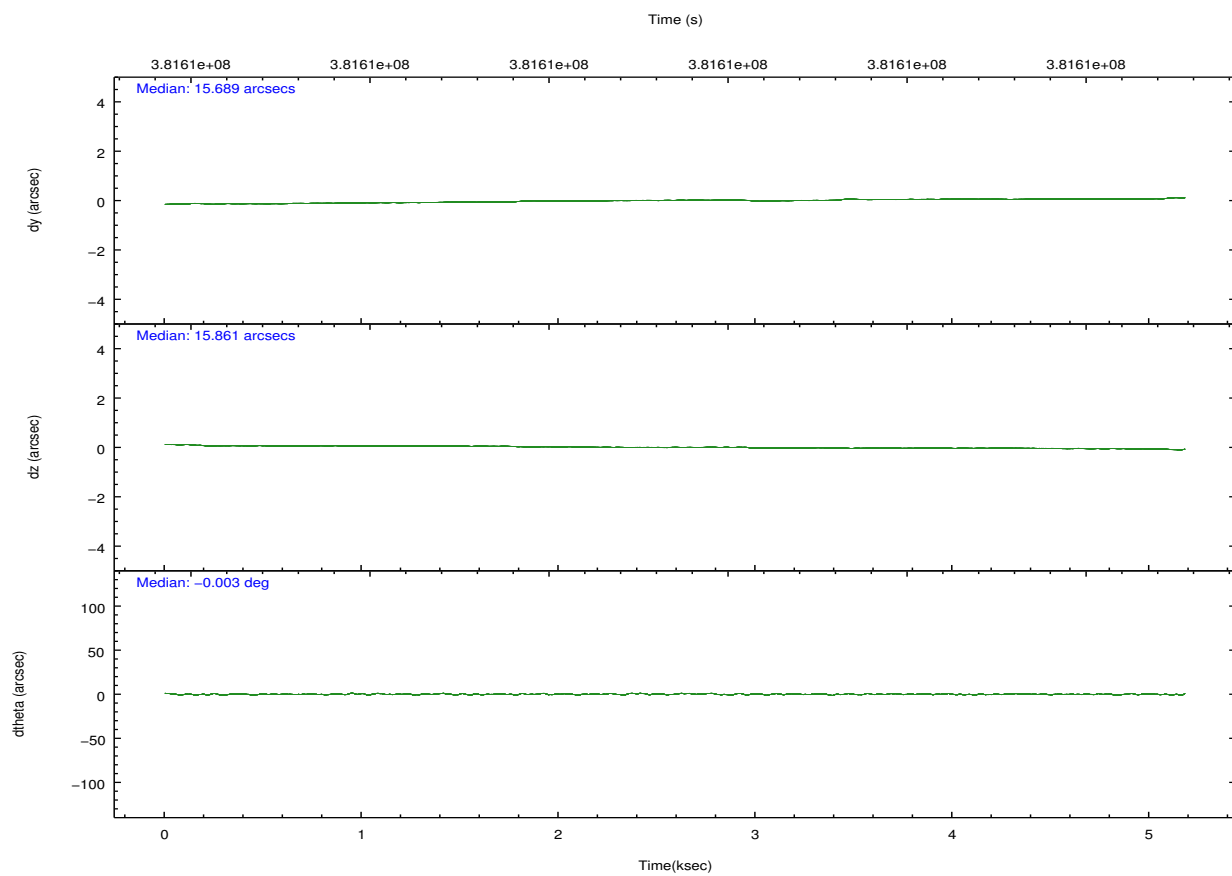
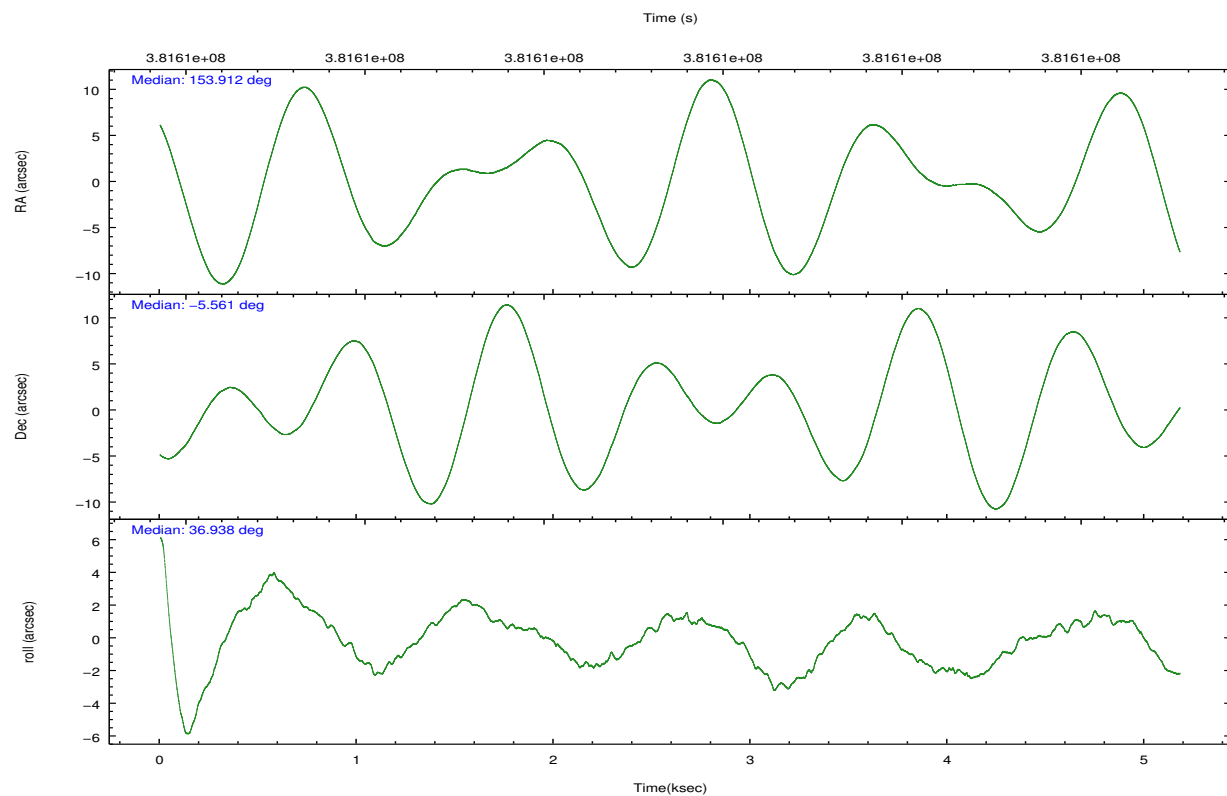
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1553	1713	1489	1299
	4%	4%	3%	3%
grade 1 events	26	19	27	23
	0%	0%	0%	0%
grade 2 events	1083	1047	1007	893
	2%	2%	2%	2%
grade 3 events	477	508	418	467
	1%	1%	1%	1%
grade 4 events	464	479	419	429
	1%	1%	1%	1%
grade 5 events	1531	1638	1475	1705
	4%	4%	3%	4%
grade 6 events	810	919	823	877
	2%	2%	2%	2%
grade 7 events	31315	30973	35389	33987
	84%	83%	86%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	153.901352	153.9120467494668	Subarray requested	NONE	NONE
[deg] Pointing Dec	-5.586228	-5.560900425012202	Alternating exposures requested	N	N
[deg] Pointing Roll	36.735623	36.94535385072857	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	381606297.184000	381605920.60921			
Observation start date	2010-02-03T17:43:51	2010-02-03T17:38:40			
[s] Observation end time (MET)	381611297.184000	381611777.97201			
Observation end date	2010-02-03T19:07:11	2010-02-03T19:16:17			
Read mode	TIMED	TIMED			

2.3 Aspect



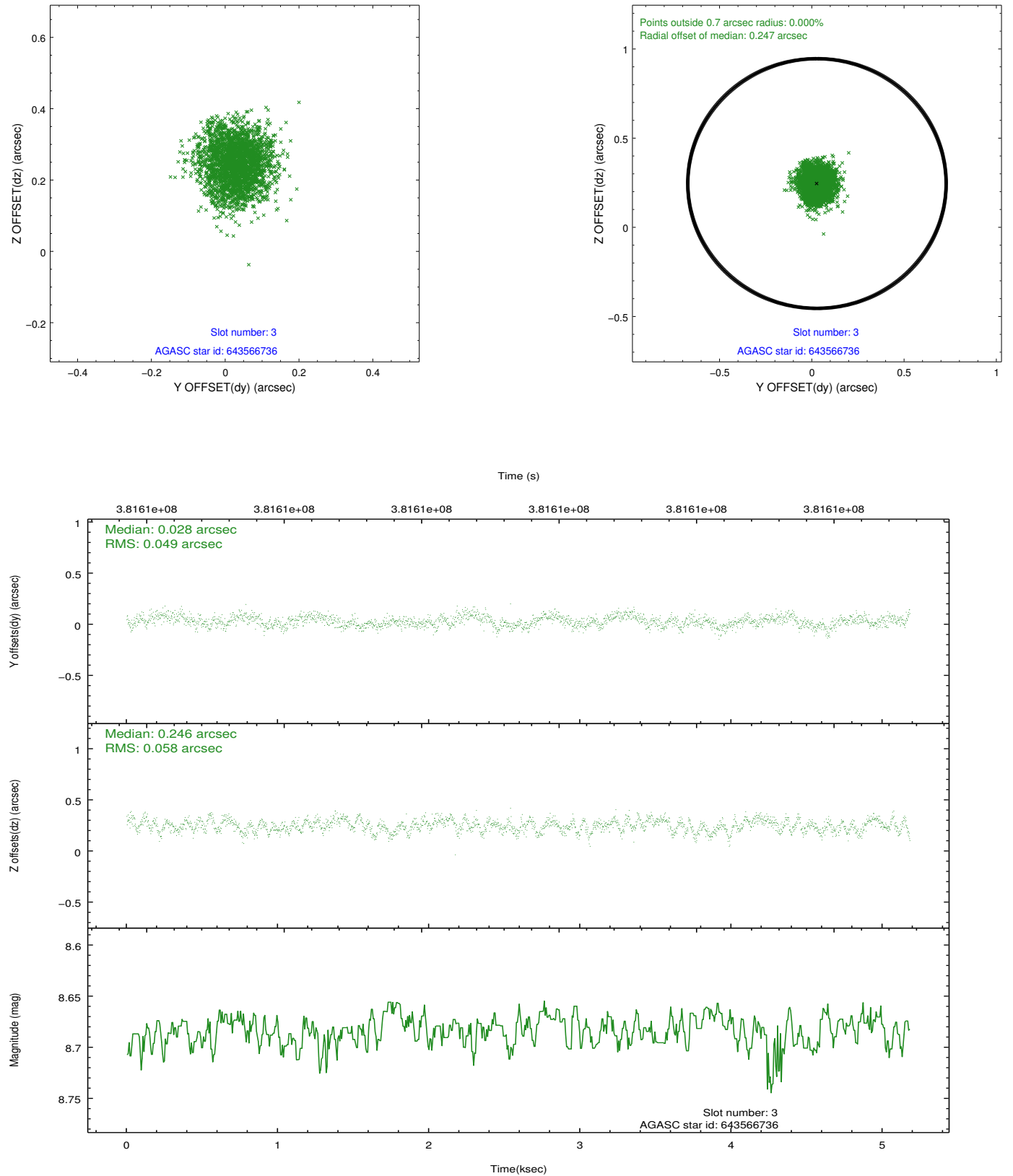


Slot Statistics

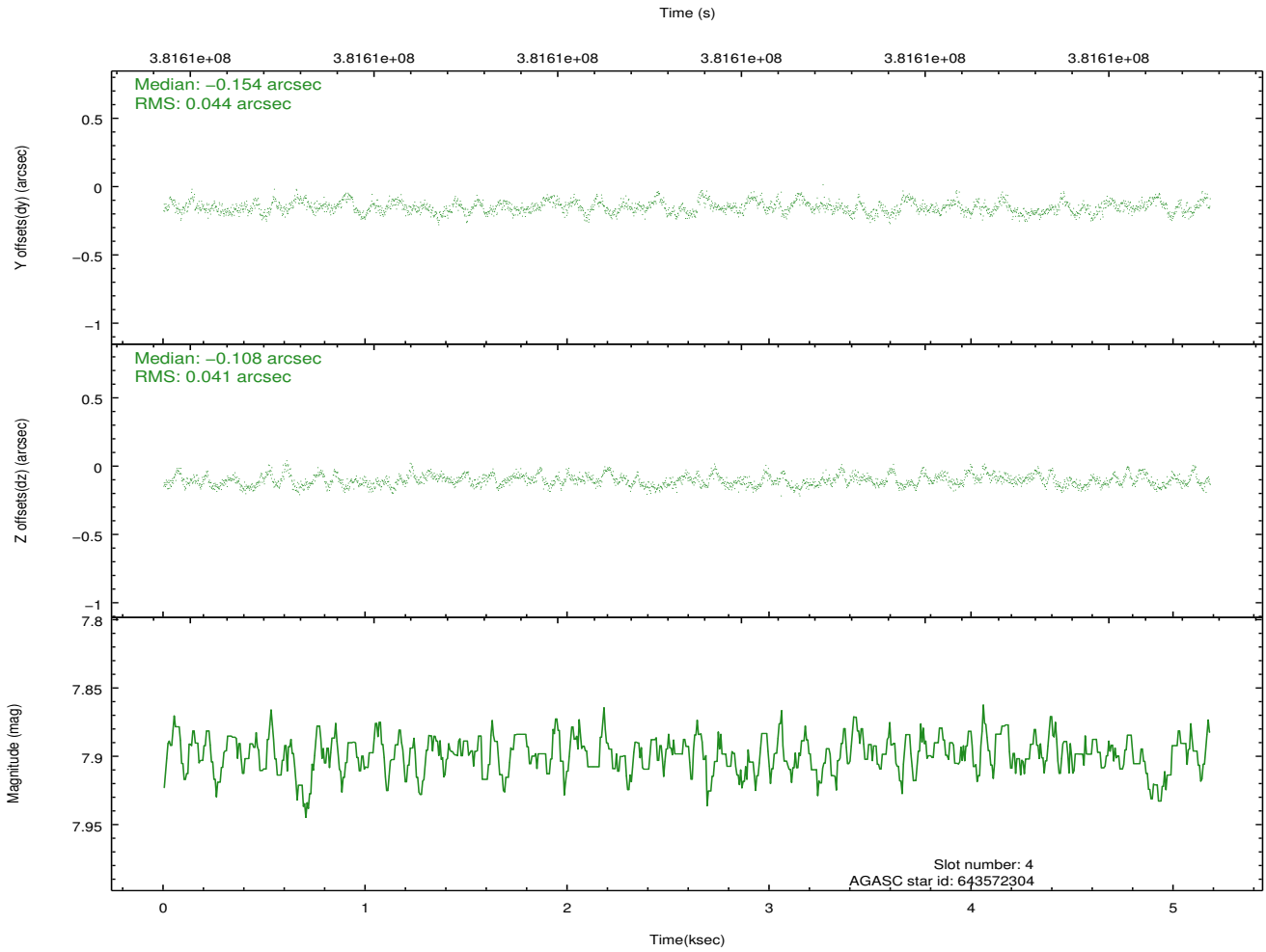
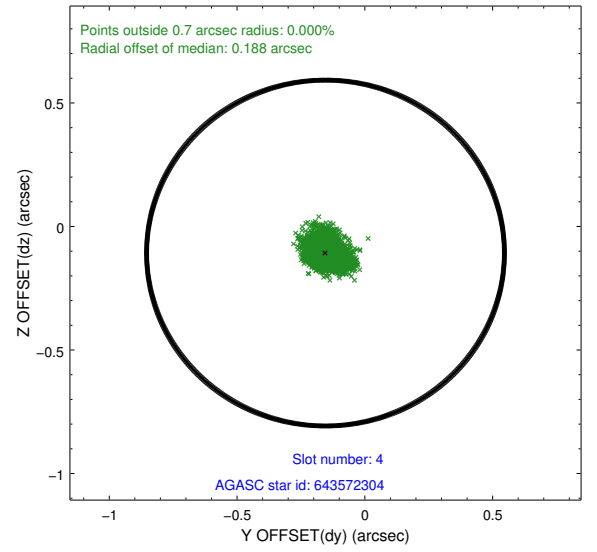
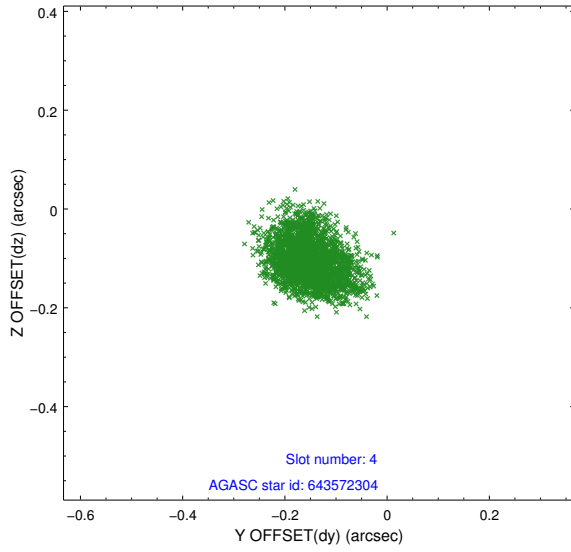
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.03	1264	0.001	-0.081	0.009	0.015	0.000000	0.000000	923.78	-839.56
1	FID	ACIS-I-4	6.95	1264	0.146	0.079	0.007	0.012	0.000000	0.000000	2144.59	1059.84
2	FID	ACIS-I-5	7.01	1264	-0.246	0.072	0.007	0.011	0.000000	0.000000	-1822.99	1058.96
3	GUIDE	643566736	8.68	2523	0.028	0.246	0.082	0.126	153.781439	-6.423601	-2146.28	-2159.51
4	GUIDE	643572304	7.90	2527	-0.154	-0.108	0.065	0.102	153.443177	-5.219786	-528.68	2038.41
5	GUIDE	643572992	8.28	2524	0.194	0.076	0.082	0.129	154.070546	-5.829028	-36.81	-1061.86
6	GUIDE	643575320	7.71	2528	-0.139	-0.237	0.055	0.090	154.005158	-5.095953	1353.95	1191.78
7	GUIDE	643576272	8.71	2524	0.076	0.021	0.071	0.112	153.866053	-5.993417	-977.33	-1098.23

2.4 Star Slots

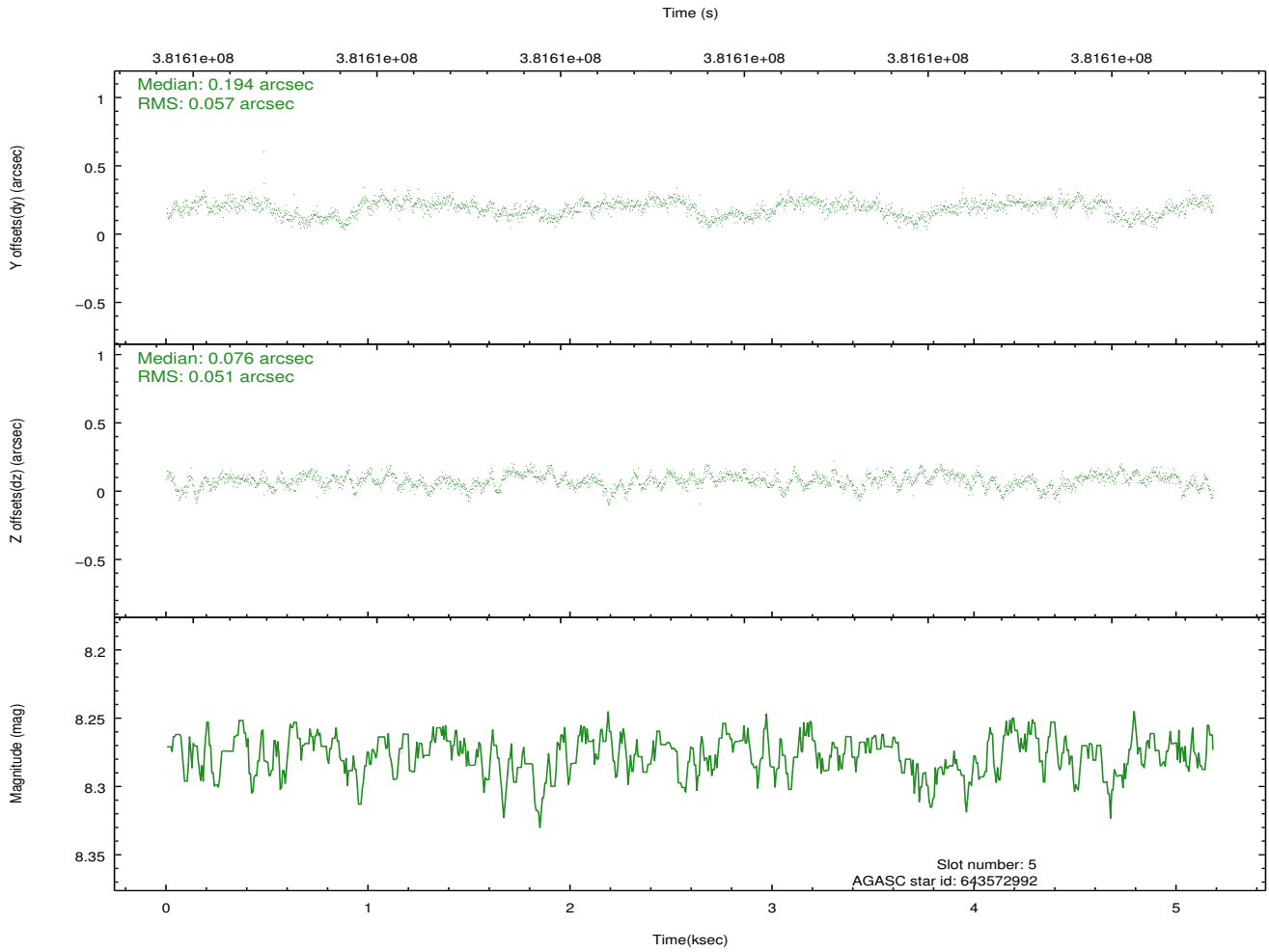
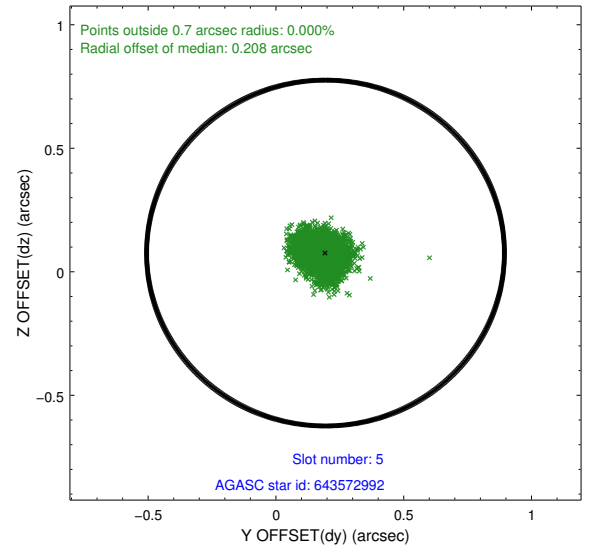
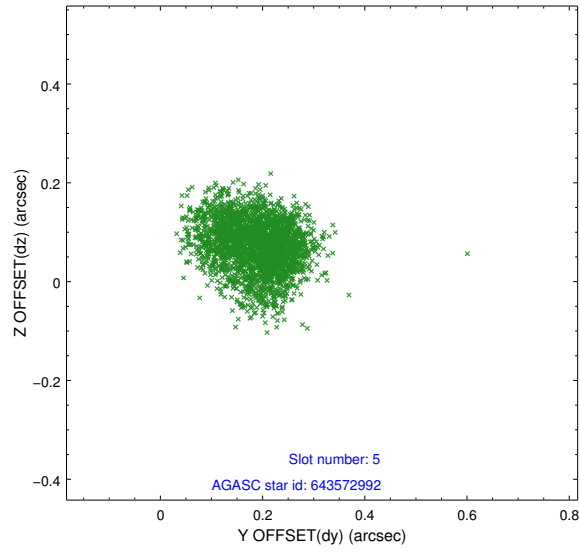
2.4.1 Slot 3



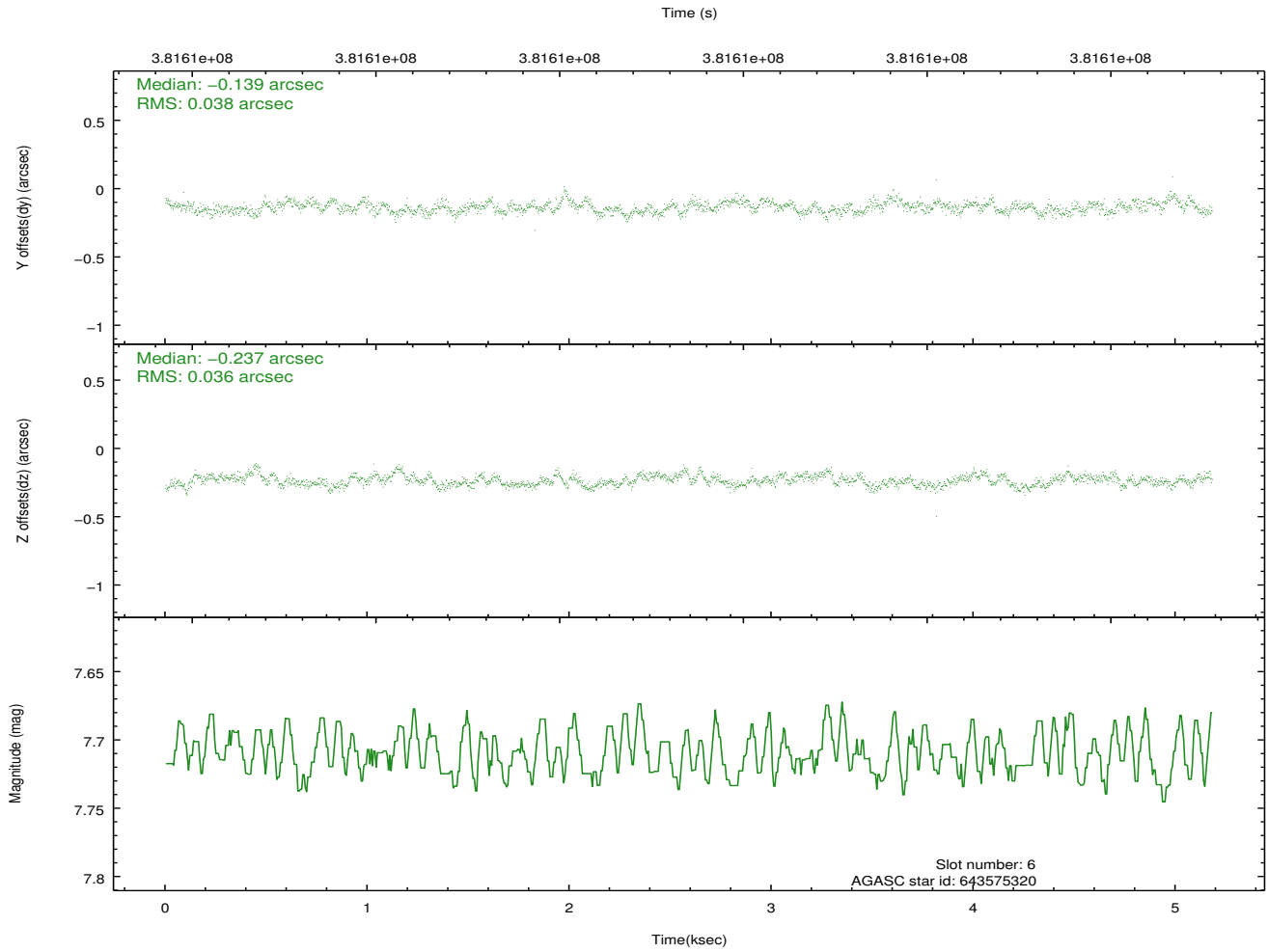
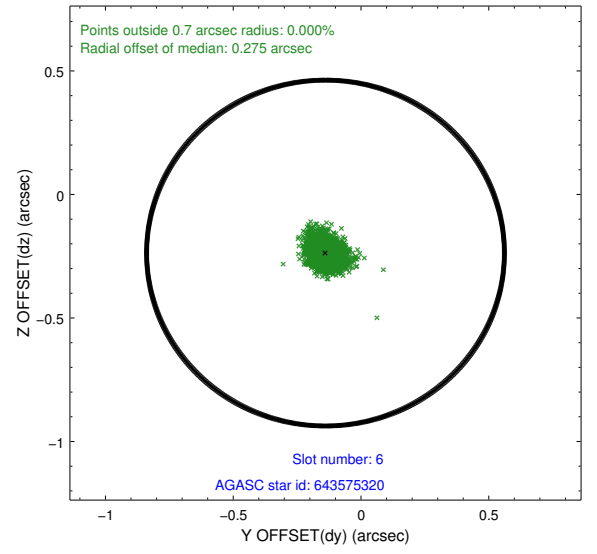
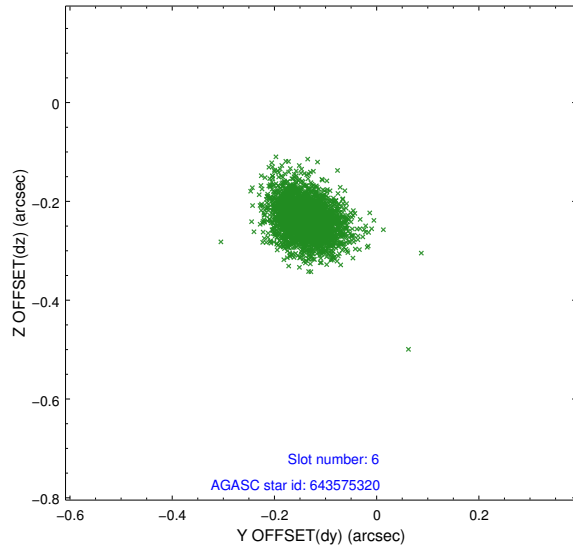
2.4.2 Slot 4



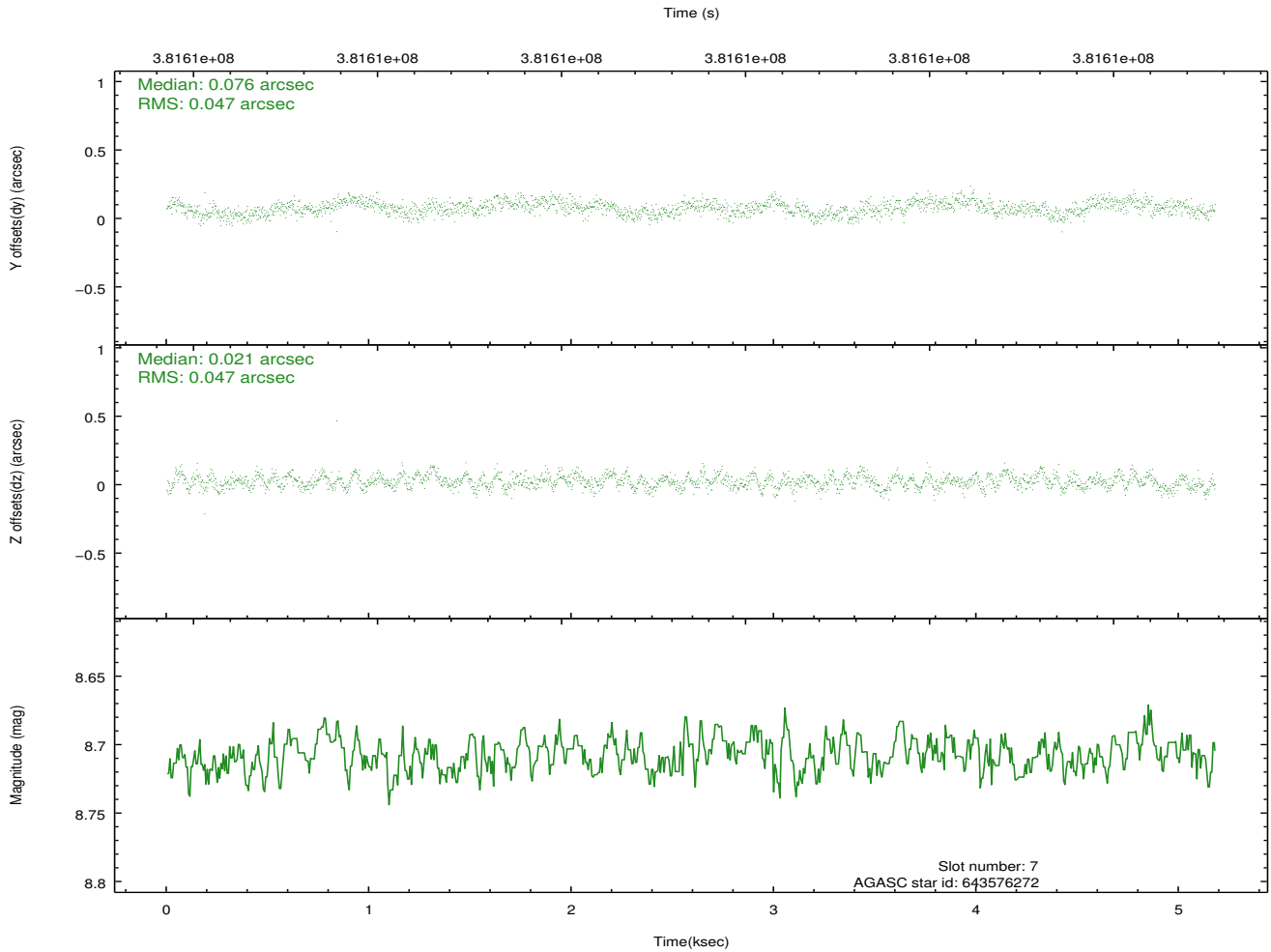
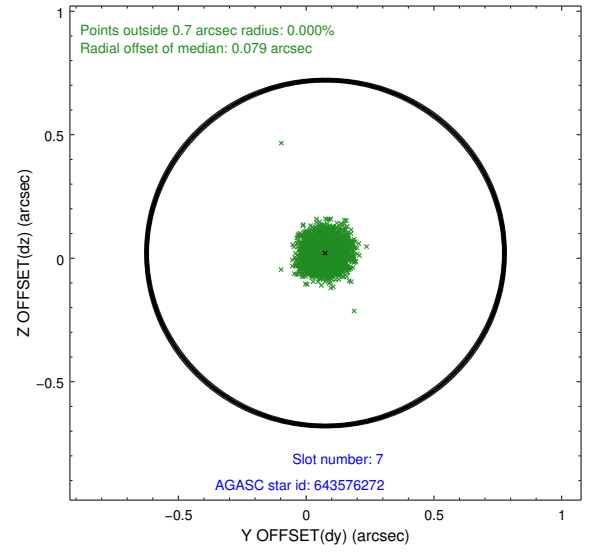
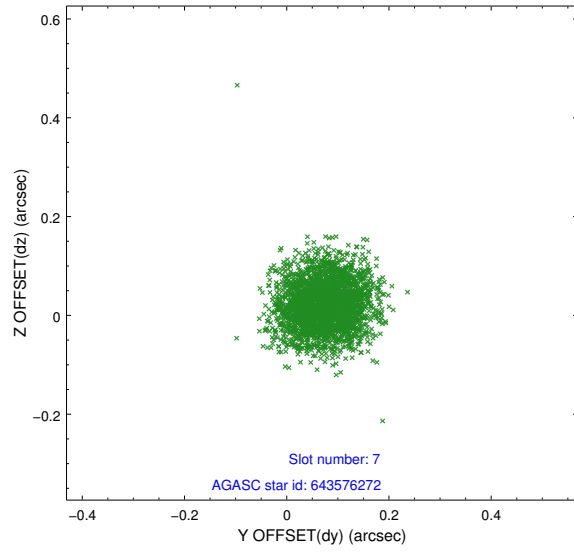
2.4.3 Slot 5



2.4.4 Slot 6

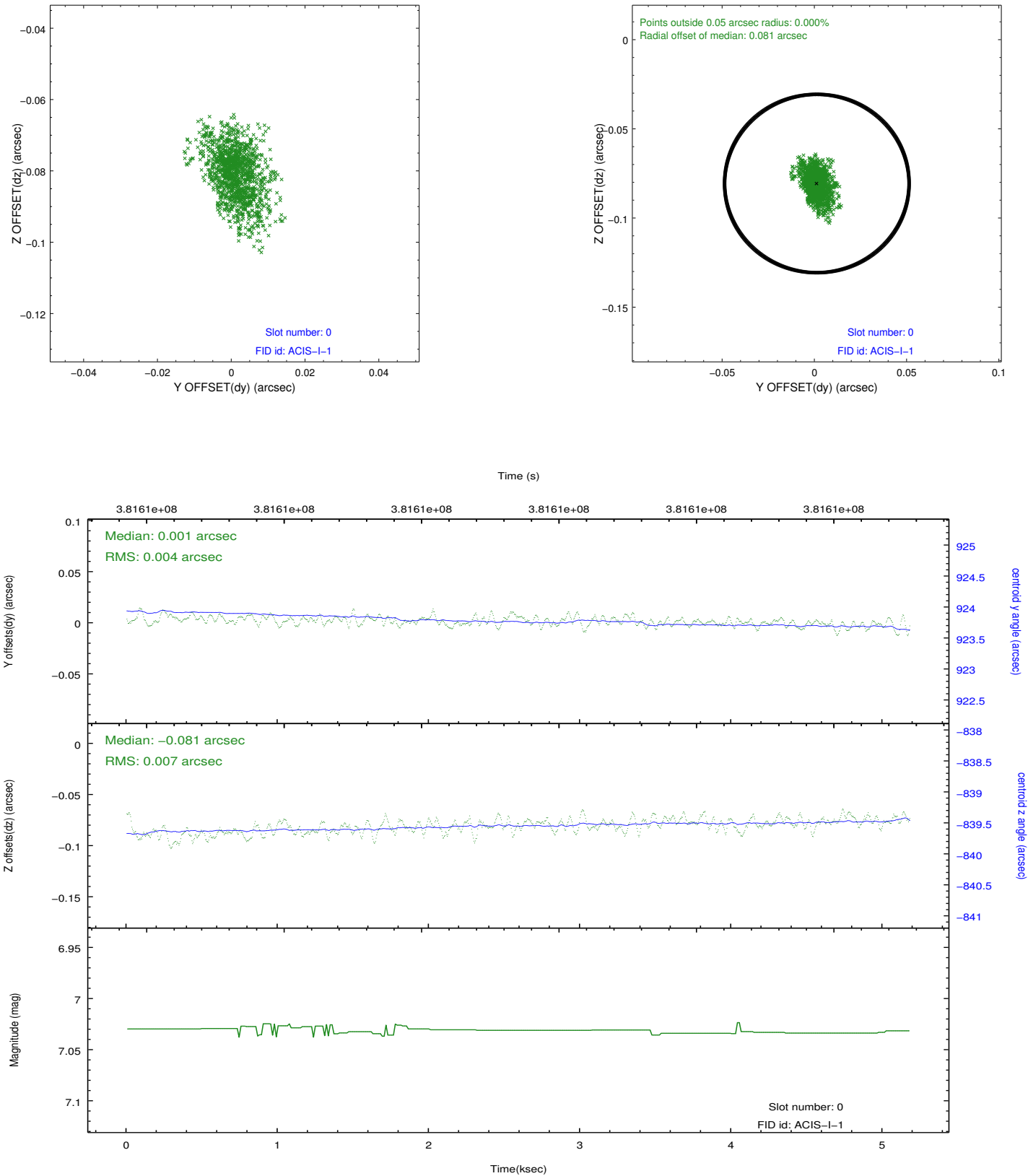


2.4.5 Slot 7

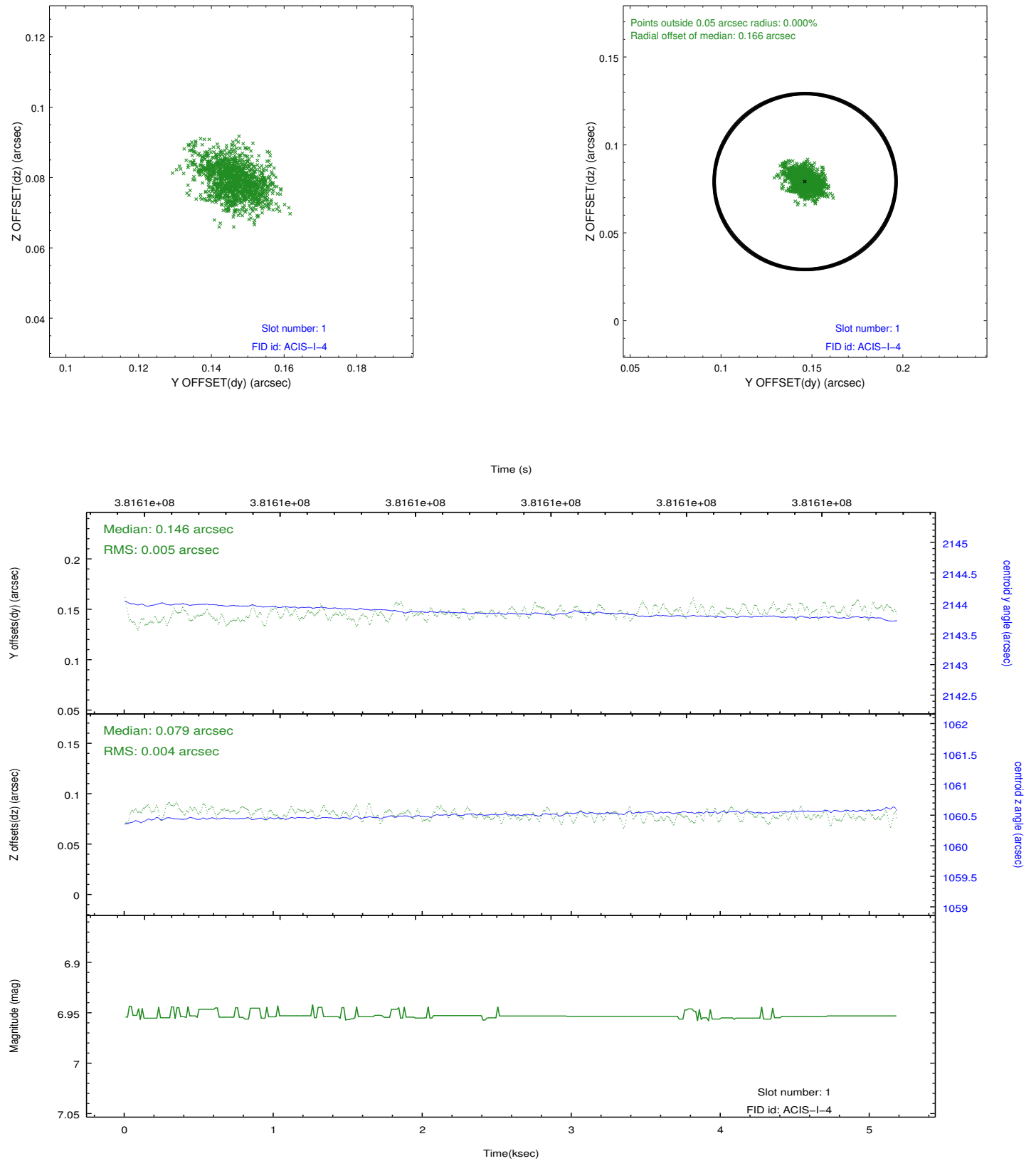


2.5 FID Slots

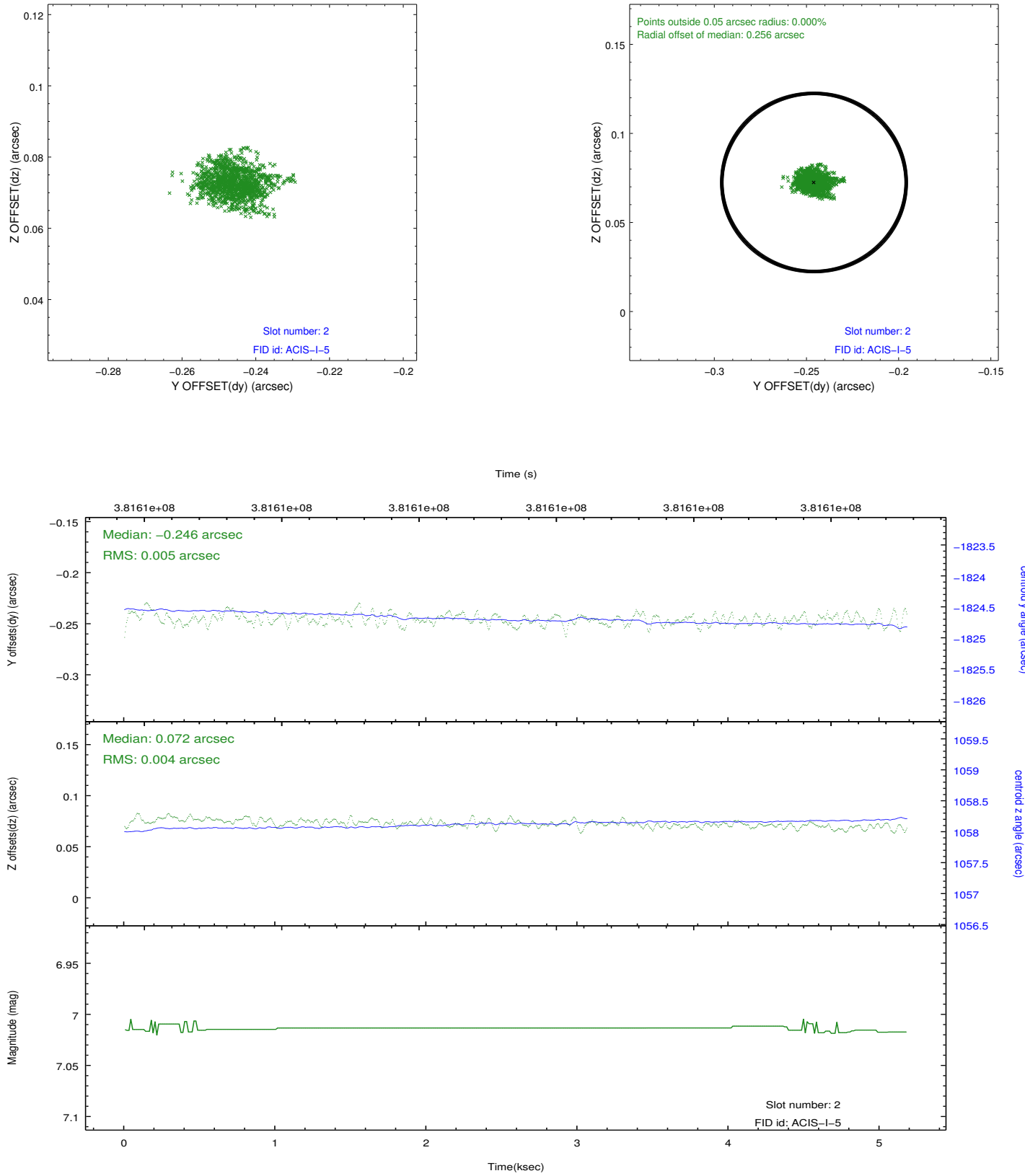
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7895000368357

A.2 Comments