

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9441 - L2 Version 2
Chandra X-Ray Center

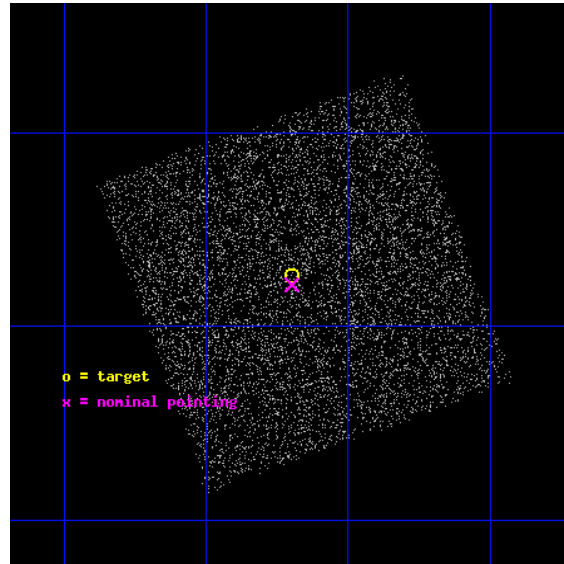
L2 Processing Date : May 17 2012

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1 Front

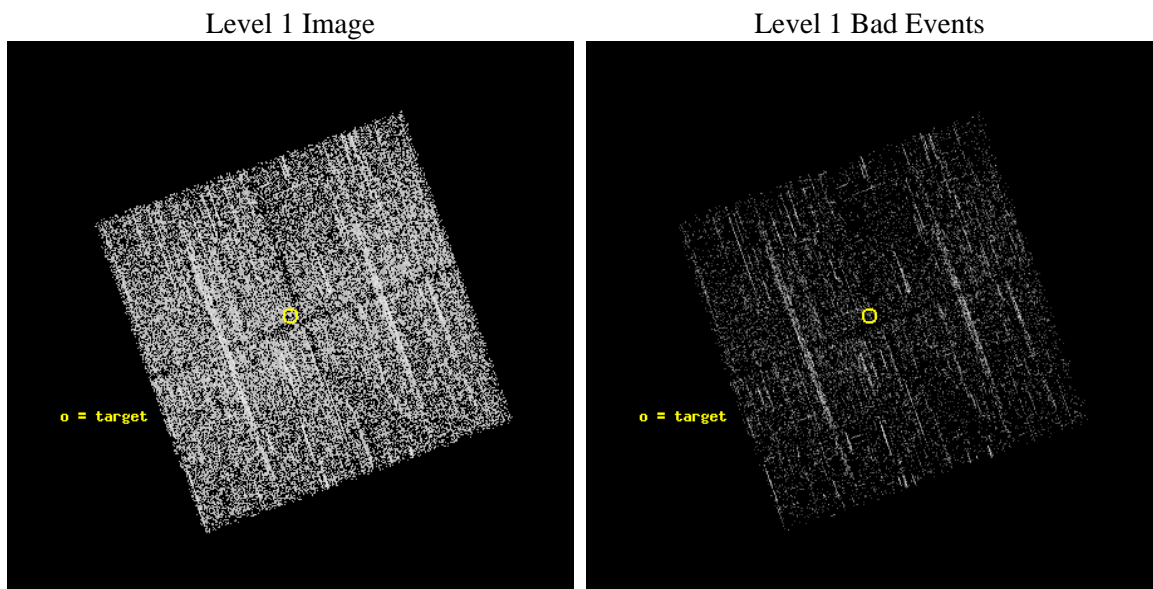
seq_num	900787	Sequence number
obs_id	9441	Observation id
title	Comparing the emission from an unbiased AGN sample with the X-ray background	Proposal title
observer	Dr Roland Walter	Principal investigator
object	LEDA 157316	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	181.05	Observer's specified target RA [deg]
dec_targ	-7.955833	Observer's specified target Dec [deg]
ra_nom	181.04962235774	Nominal RA [deg]
dec_nom	-7.9641730345588	Nominal Dec [deg]
roll_nom	250.2086159547	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2055.3000158072	Sum of GTIs [s]
livetime	2028.4460080108	Livetime [s]
ontime0	2055.3000158072	Sum of GTIs [s]
ontime1	2055.3000158072	Sum of GTIs [s]
ontime2	2055.3000158072	Sum of GTIs [s]
ontime3	2055.3000158072	Sum of GTIs [s]
l2events	8815	Number of level 2 events



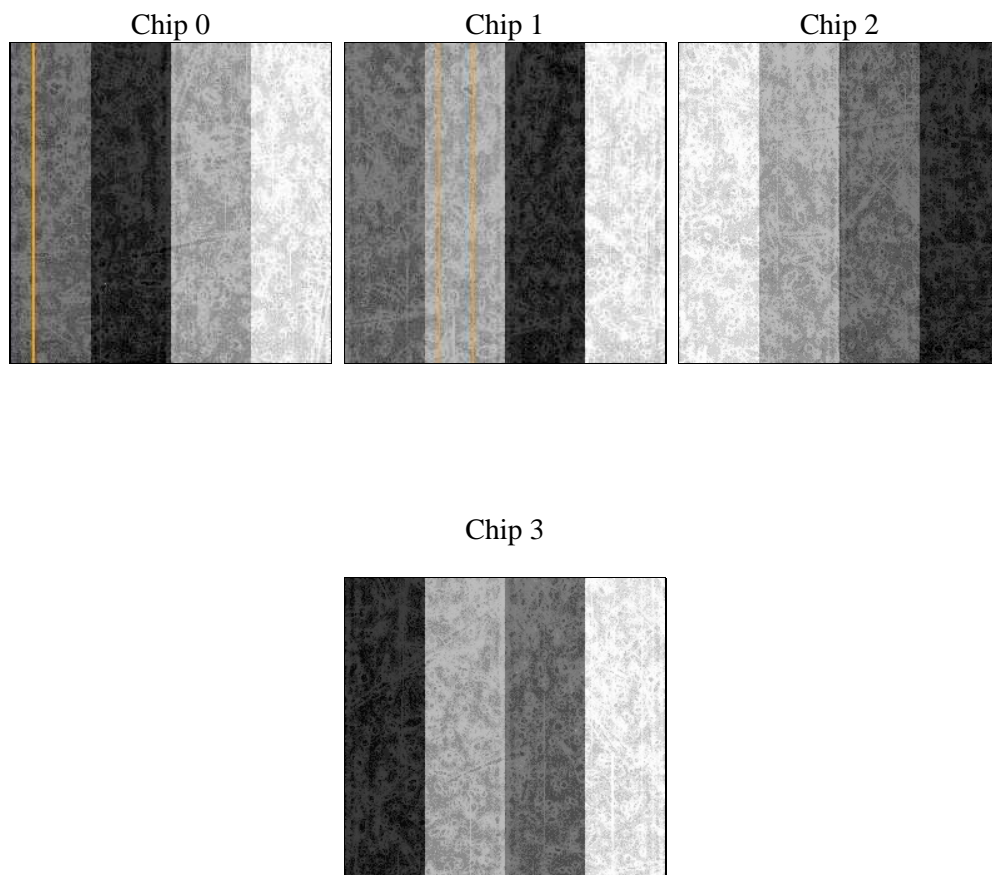
2 OBI

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	8.4.4	Processing system revision	ontime	2055.3000158072	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2055.3000158072	Sum of GTIs [s]
date	2012-05-17T15:39:42	Date and time of file creation	ontime1	2055.3000158072	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2055.3000158072	Sum of GTIs [s]
			ontime3	2055.3000158072	Sum of GTIs [s]
			l1events	77137	Number of level 1 events

2.1.4 Events

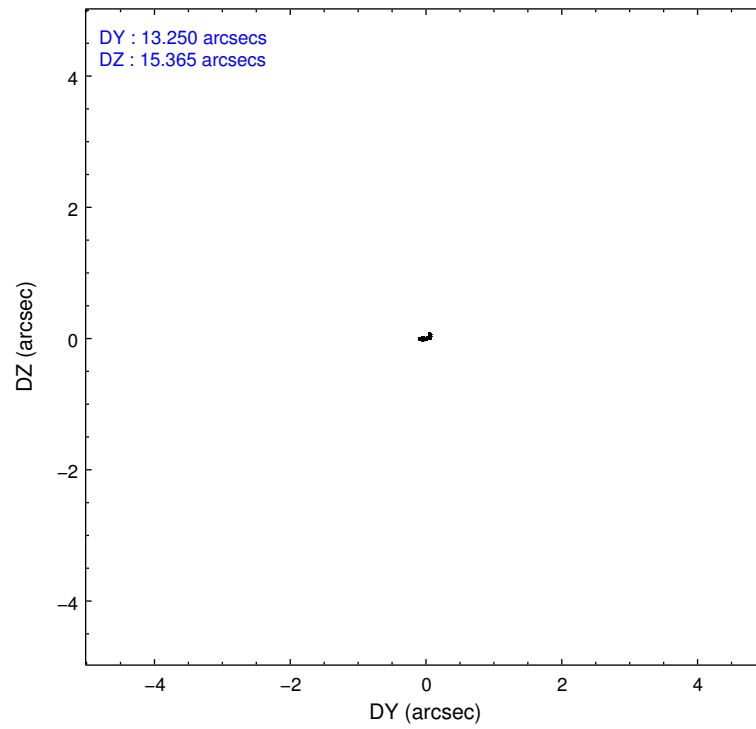
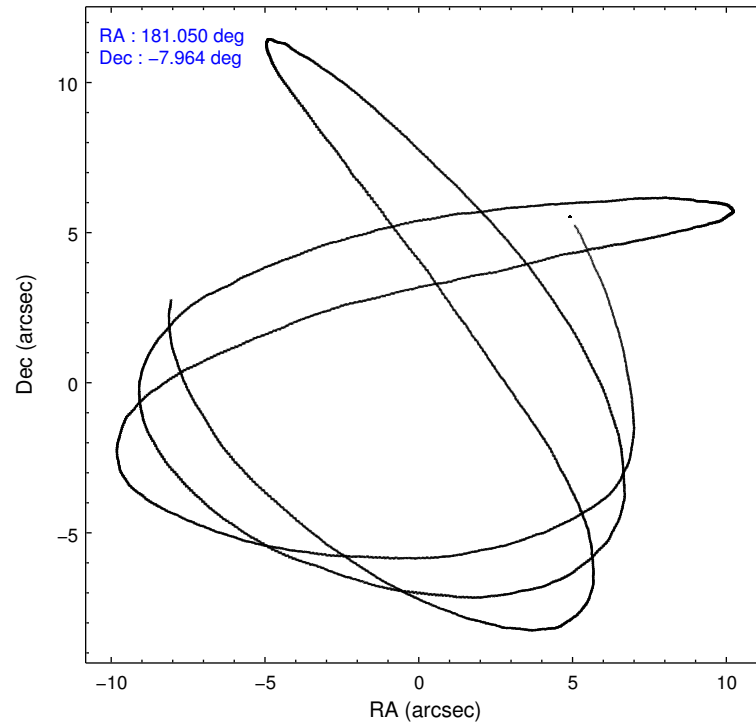
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	18071	18588	20535	19943
rejected events	15537	15926	17934	17446
rejected %	85%	85%	87%	87%

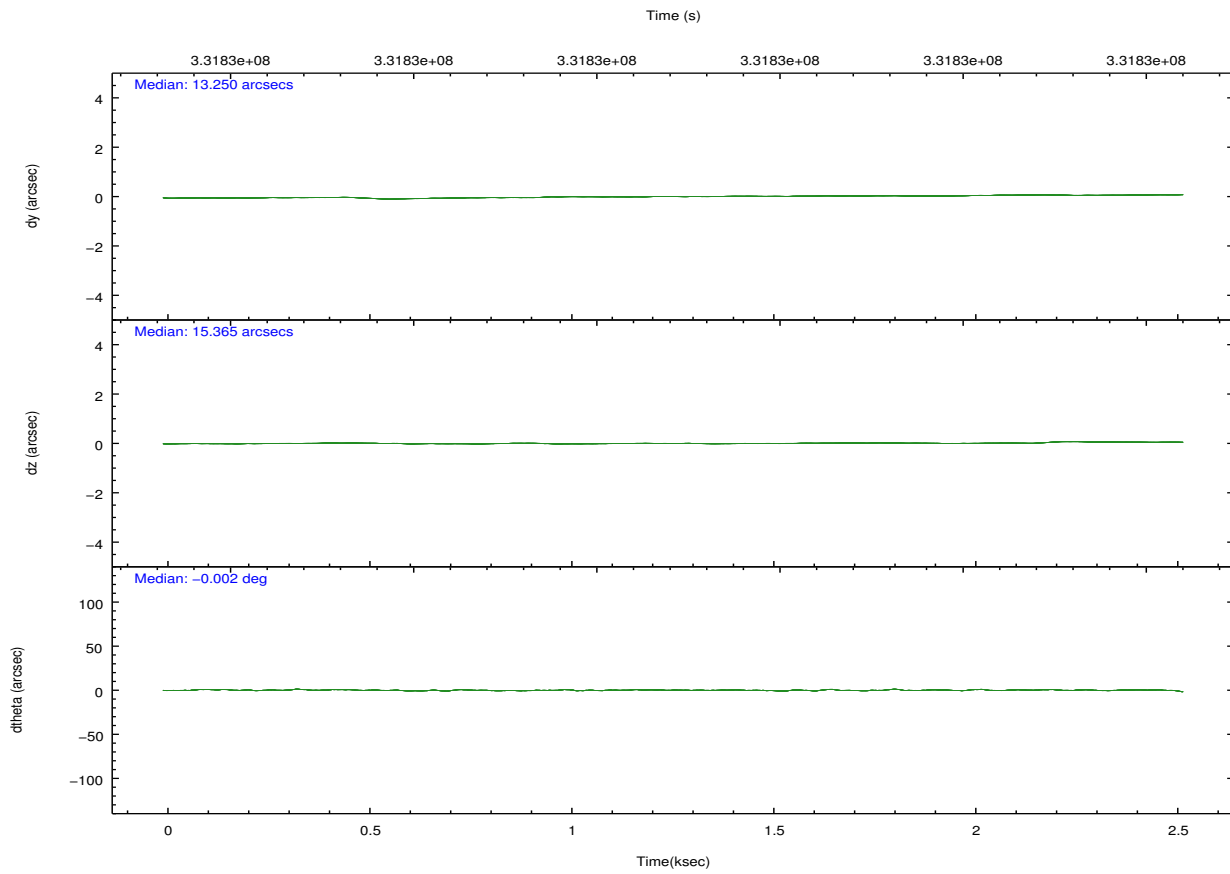
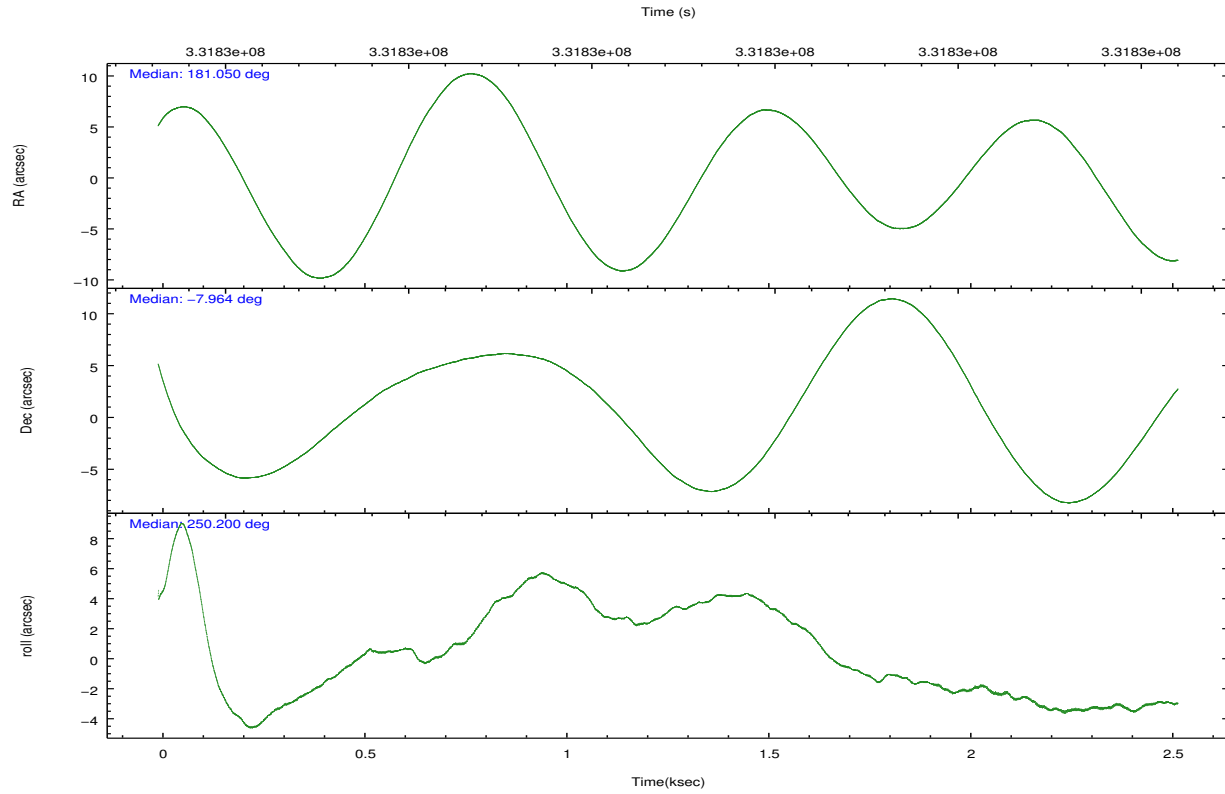
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1078	1024	1138	1114
	5%	5%	5%	5%
grade 1 events	11	12	8	16
	0%	0%	0%	0%
grade 2 events	577	624	559	479
	3%	3%	2%	2%
grade 3 events	207	217	239	237
	1%	1%	1%	1%
grade 4 events	213	256	232	230
	1%	1%	1%	1%
grade 5 events	852	952	752	1003
	4%	5%	3%	5%
grade 6 events	461	542	436	444
	2%	2%	2%	2%
grade 7 events	14672	14961	17171	16420
	81%	80%	83%	82%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	181.044615	181.0496223577441	Subarray requested	NONE	NONE
[deg] Pointing Dec	-7.936866	-7.964173034558832	Alternating exposures requested	N	N
[deg] Pointing Roll	249.999254	250.208615954698	[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)	331831457.184000	331830415.70862			
Observation start date	2008-07-07T15:23:12	2008-07-07T15:06:55			
[s] Observation end time (MET)	331833457.184000	331834351.70882			
Observation end date	2008-07-07T15:56:32	2008-07-07T16:12:31			
Read mode	TIMED	TIMED			

2.3 Aspect



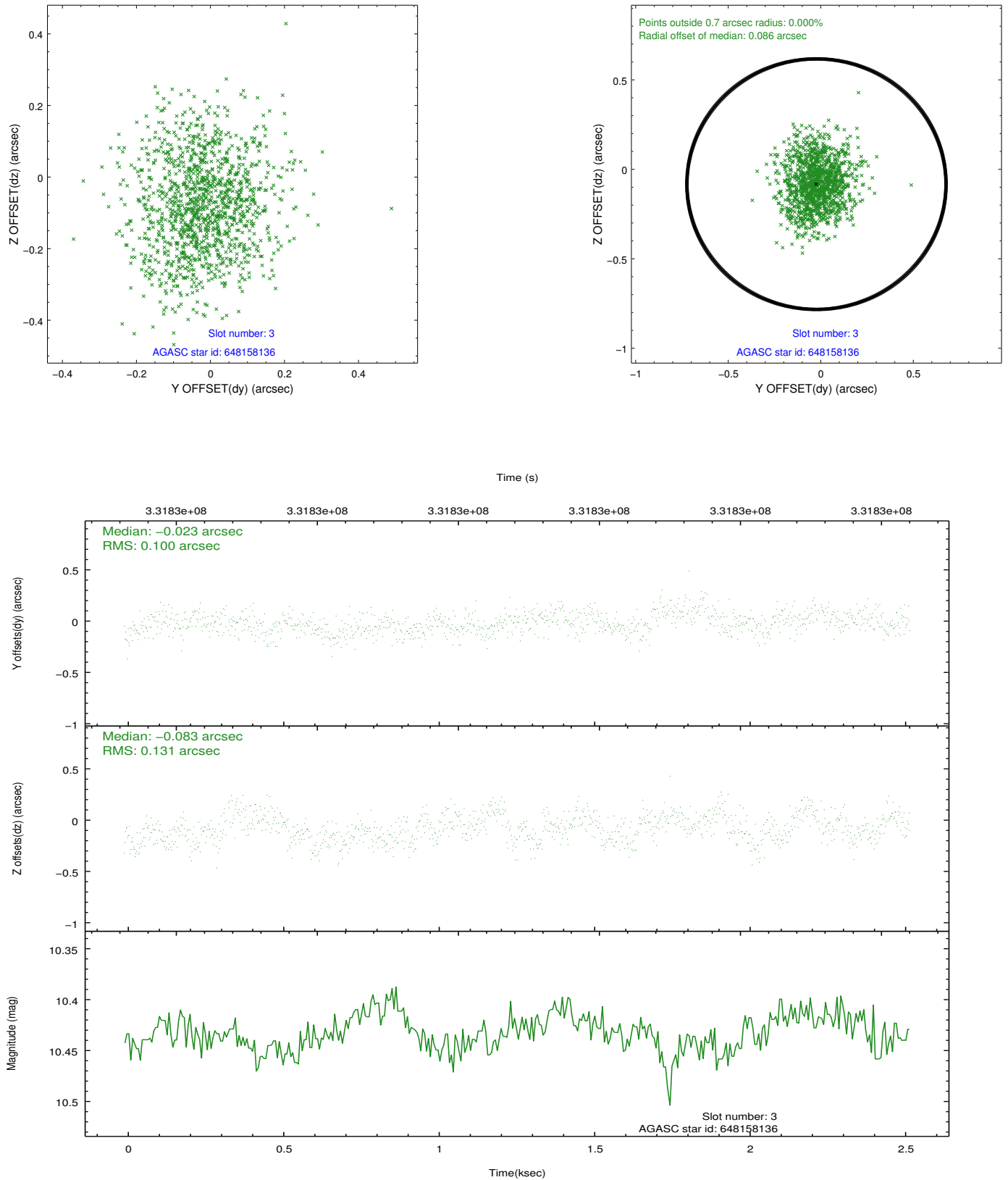


Slot Statistics

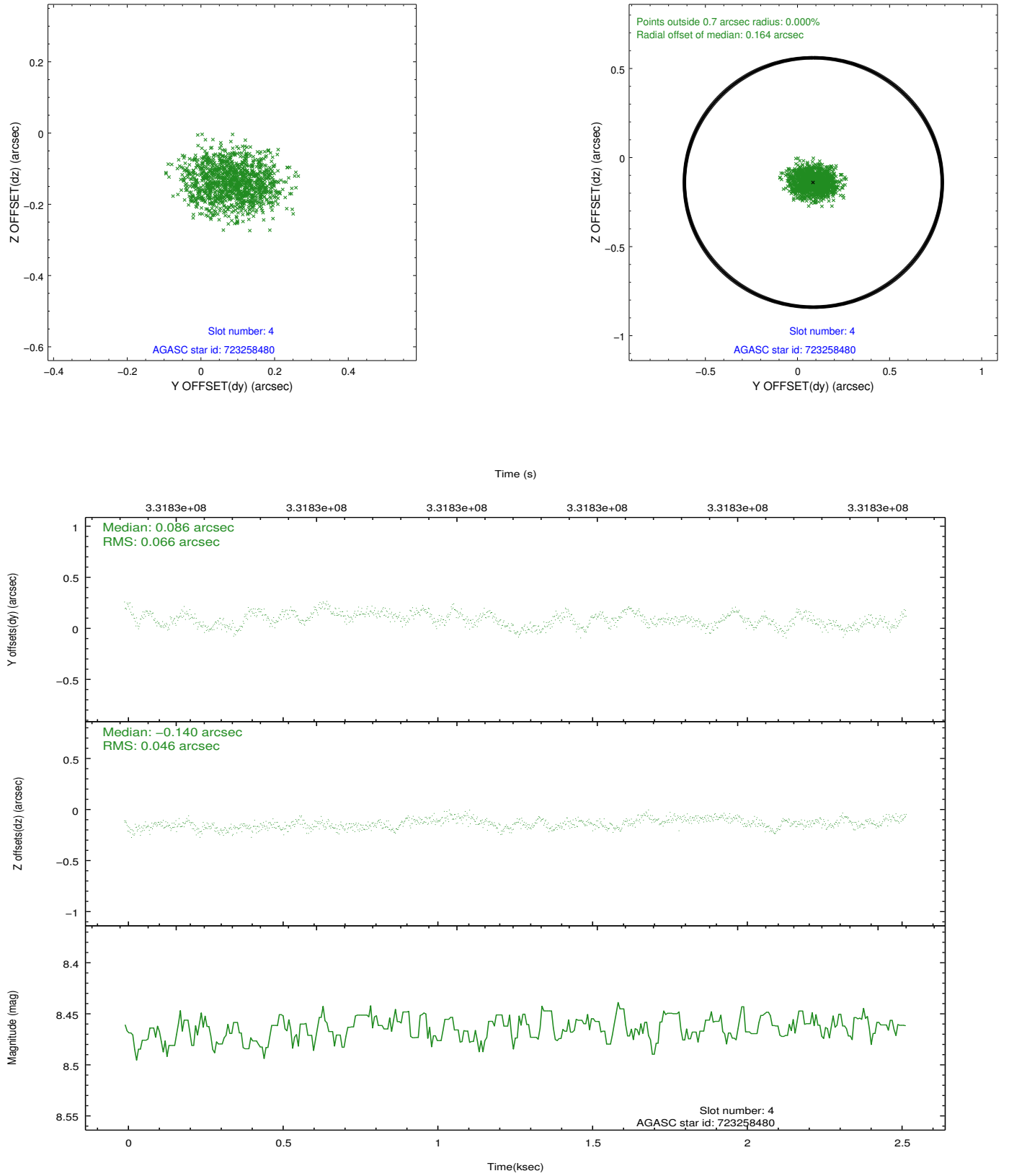
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	6.98	616	-0.002	0.027	0.012	0.020	0.000000	0.000000	926.26	-838.95
1	FID	ACIS-I-5	6.97	616	-0.152	0.023	0.010	0.017	0.000000	0.000000	-1820.59	1057.24
2	FID	ACIS-I-6	6.98	616	0.062	0.020	0.009	0.015	0.000000	0.000000	389.08	1704.65
3	GUIDE	648158136	10.43	1226	-0.023	-0.083	0.178	0.287	180.712636	-7.426767	-1320.16	-1741.34
4	GUIDE	723258480	8.46	1233	0.086	-0.140	0.089	0.133	180.359229	-8.159128	1588.89	-2022.61
5	GUIDE	723264944	8.73	1232	0.172	0.024	0.085	0.134	181.255643	-8.527713	1742.79	1432.65
6	GUIDE	723394376	9.79	1229	0.060	0.040	0.134	0.220	181.467227	-8.140366	174.62	1667.22
7	GUIDE	723393312	9.57	1232	-0.300	0.158	0.124	0.192	181.846894	-7.525205	-2370.32	2186.44

2.4 Star Slots

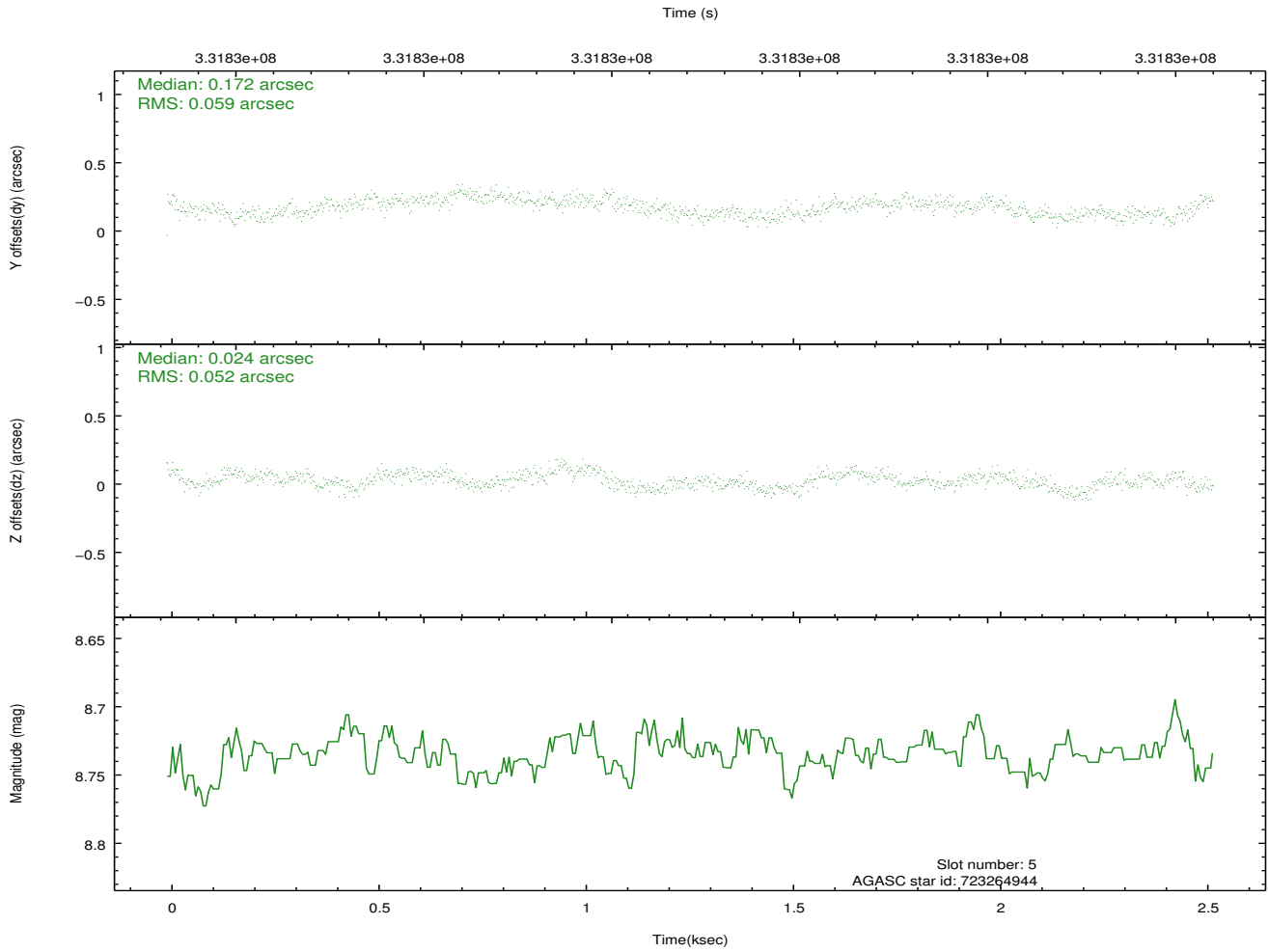
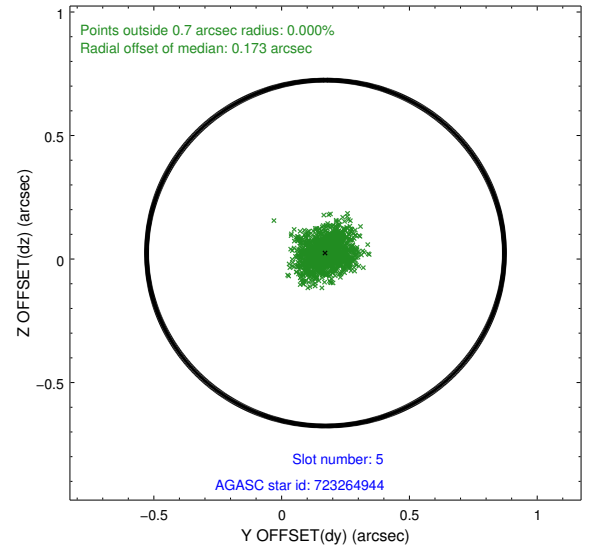
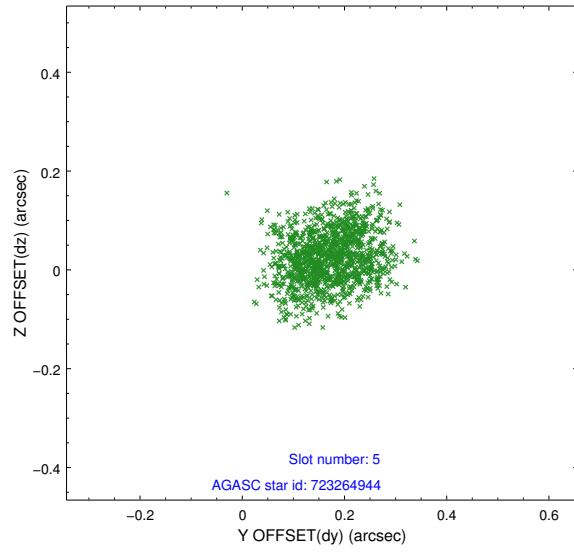
2.4.1 Slot 3



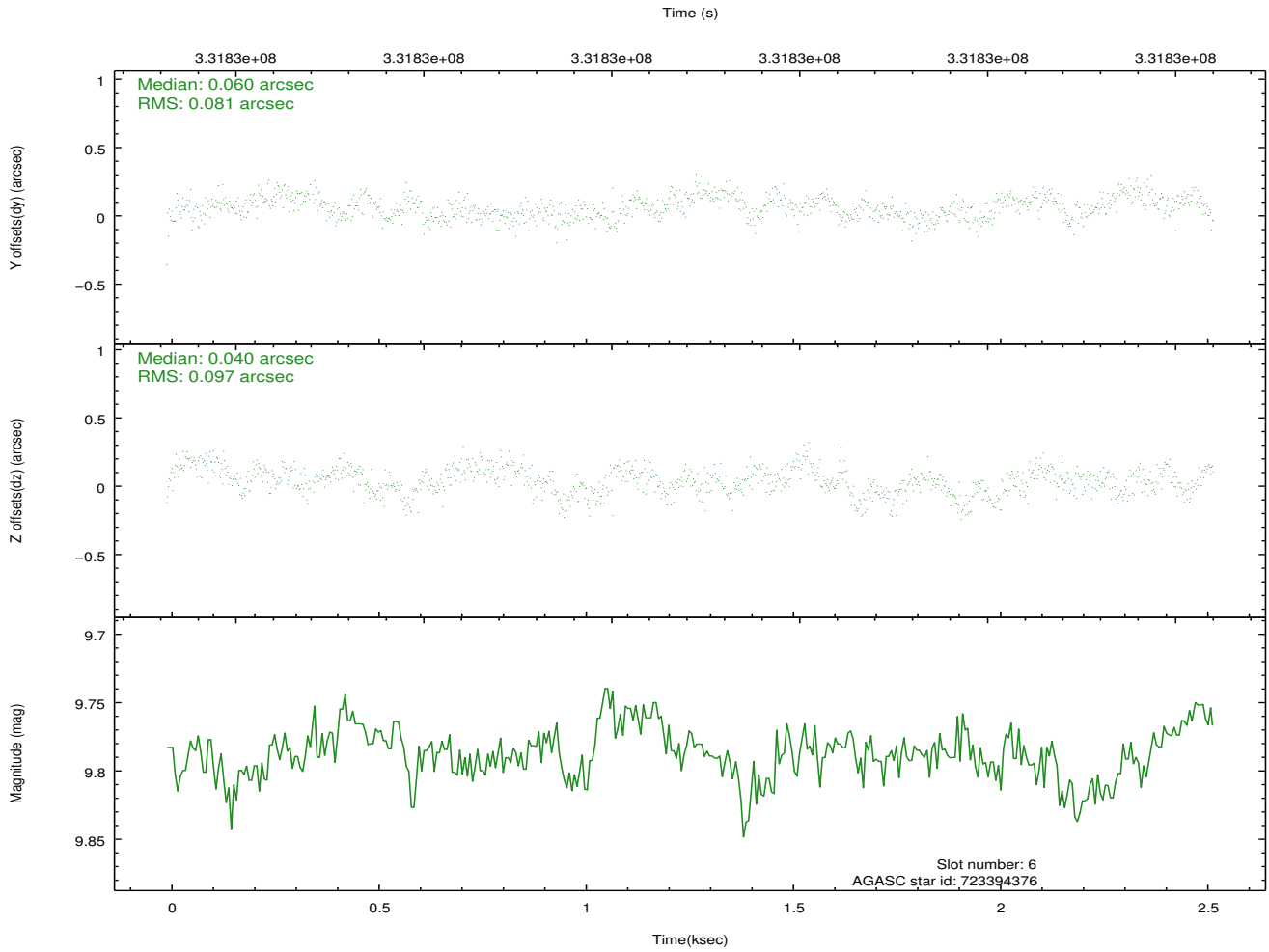
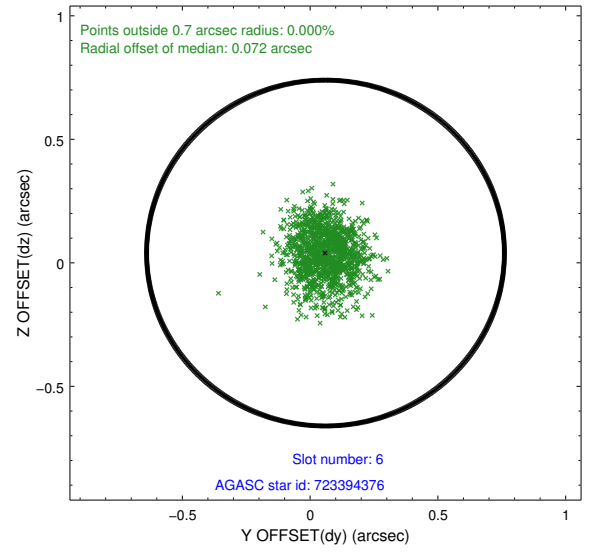
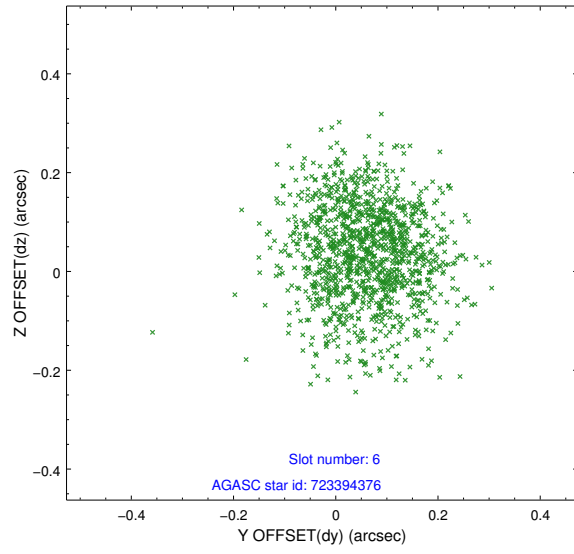
2.4.2 Slot 4



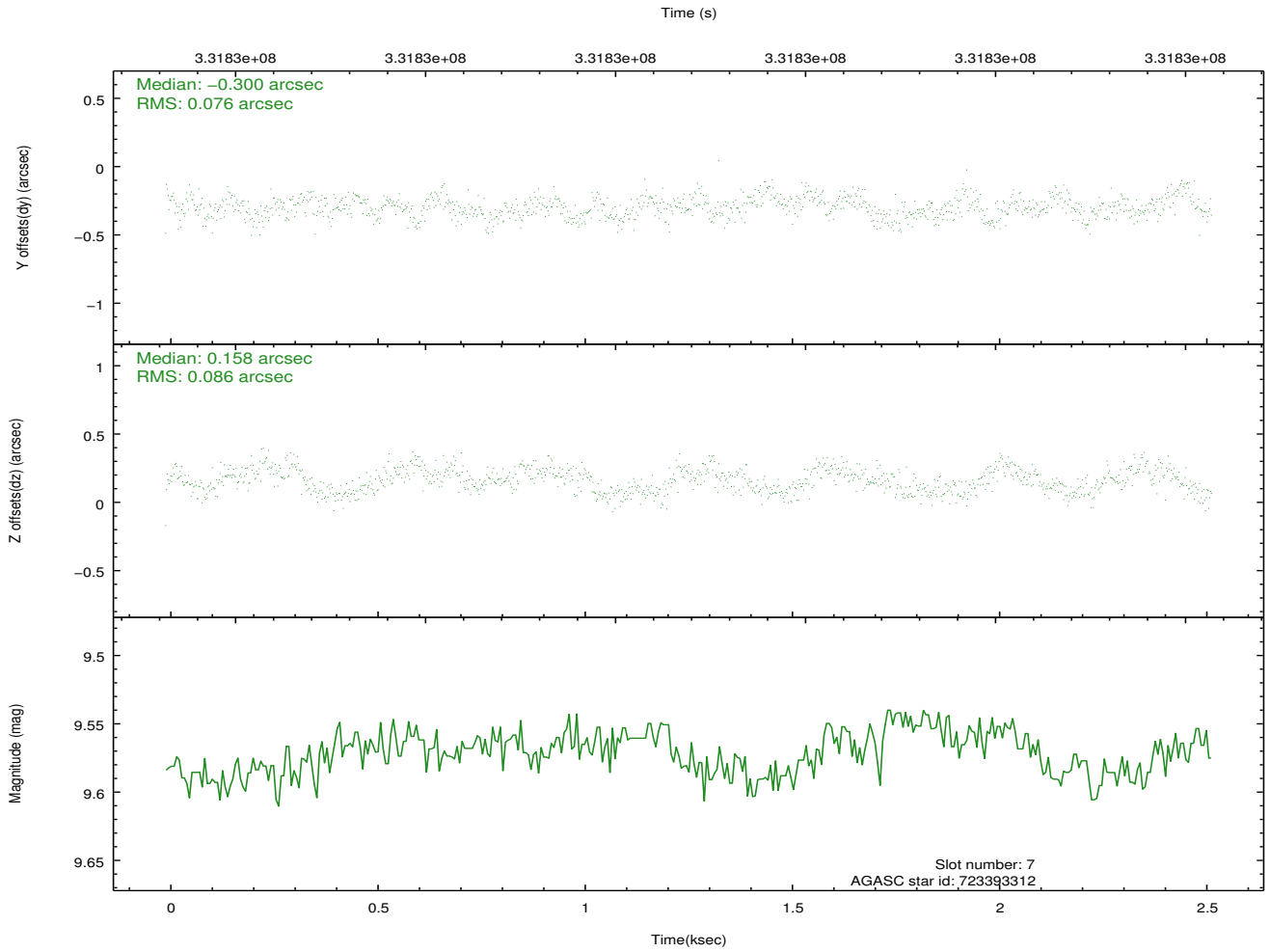
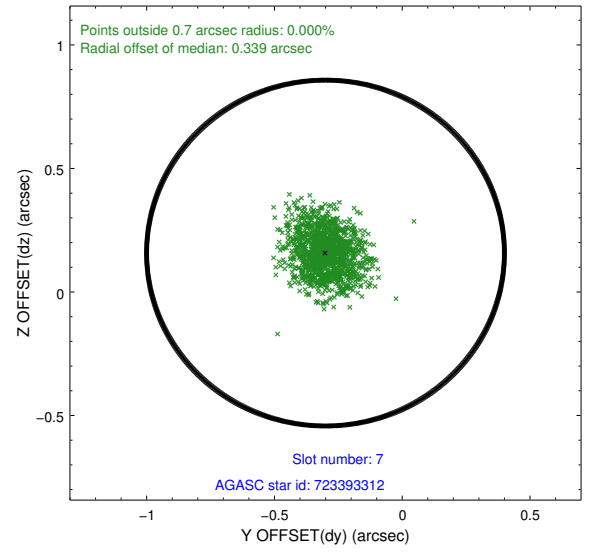
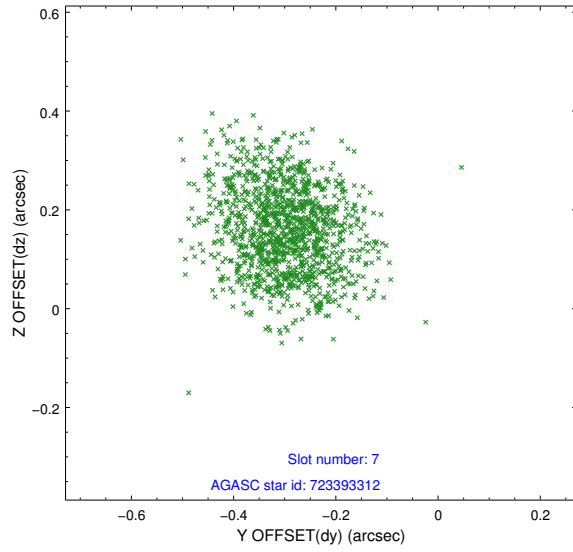
2.4.3 Slot 5



2.4.4 Slot 6

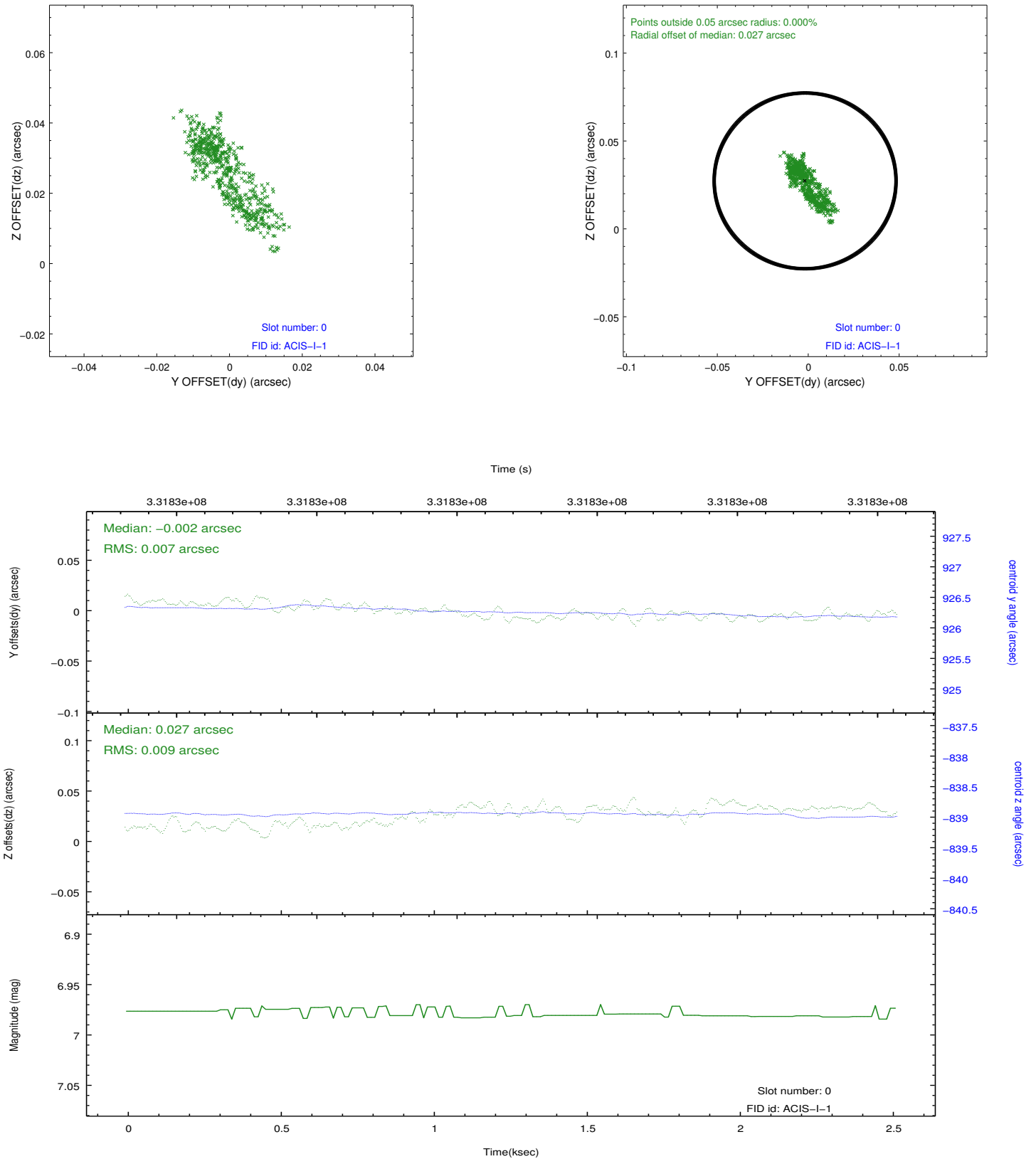


2.4.5 Slot 7

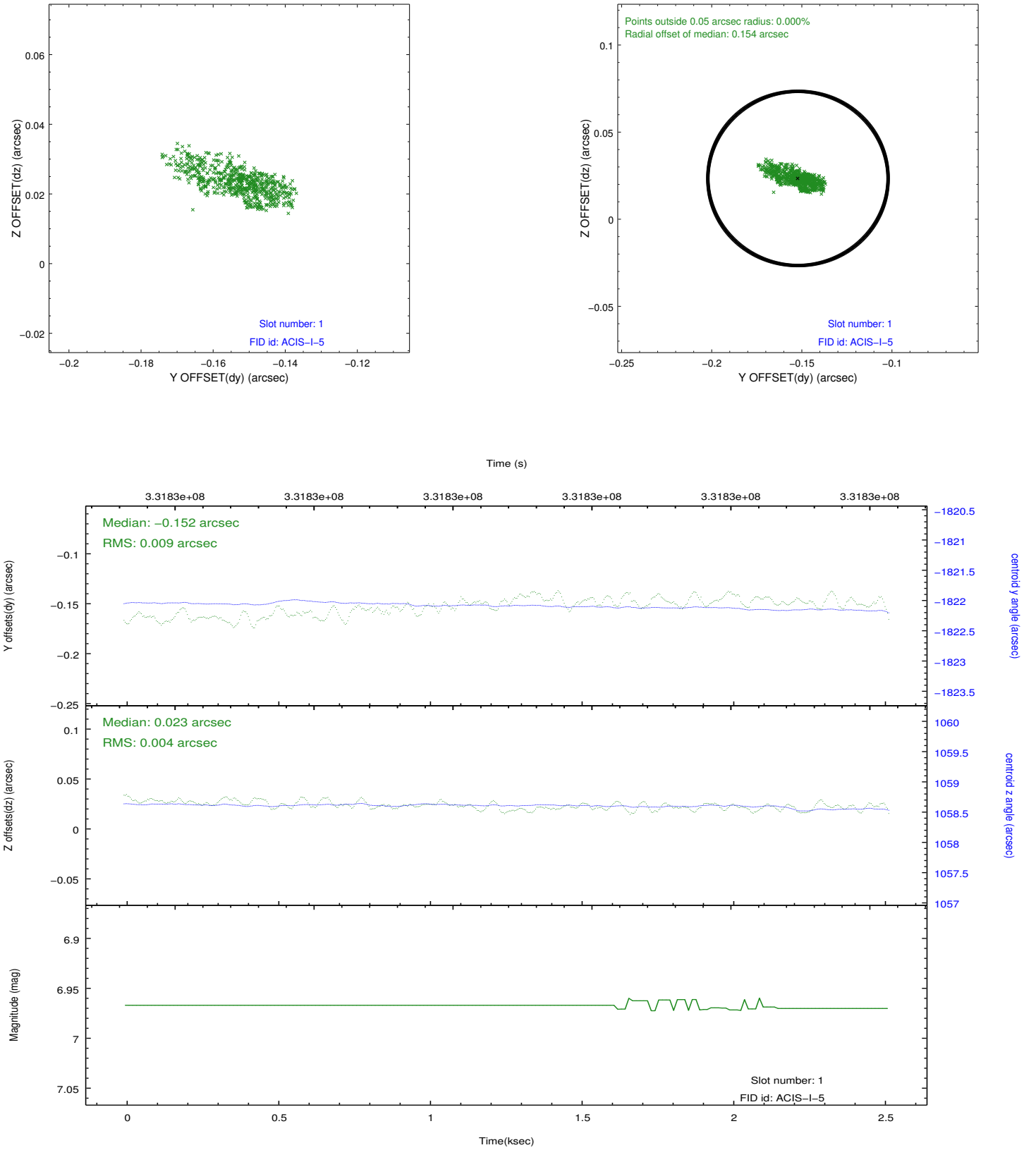


2.5 FID Slots

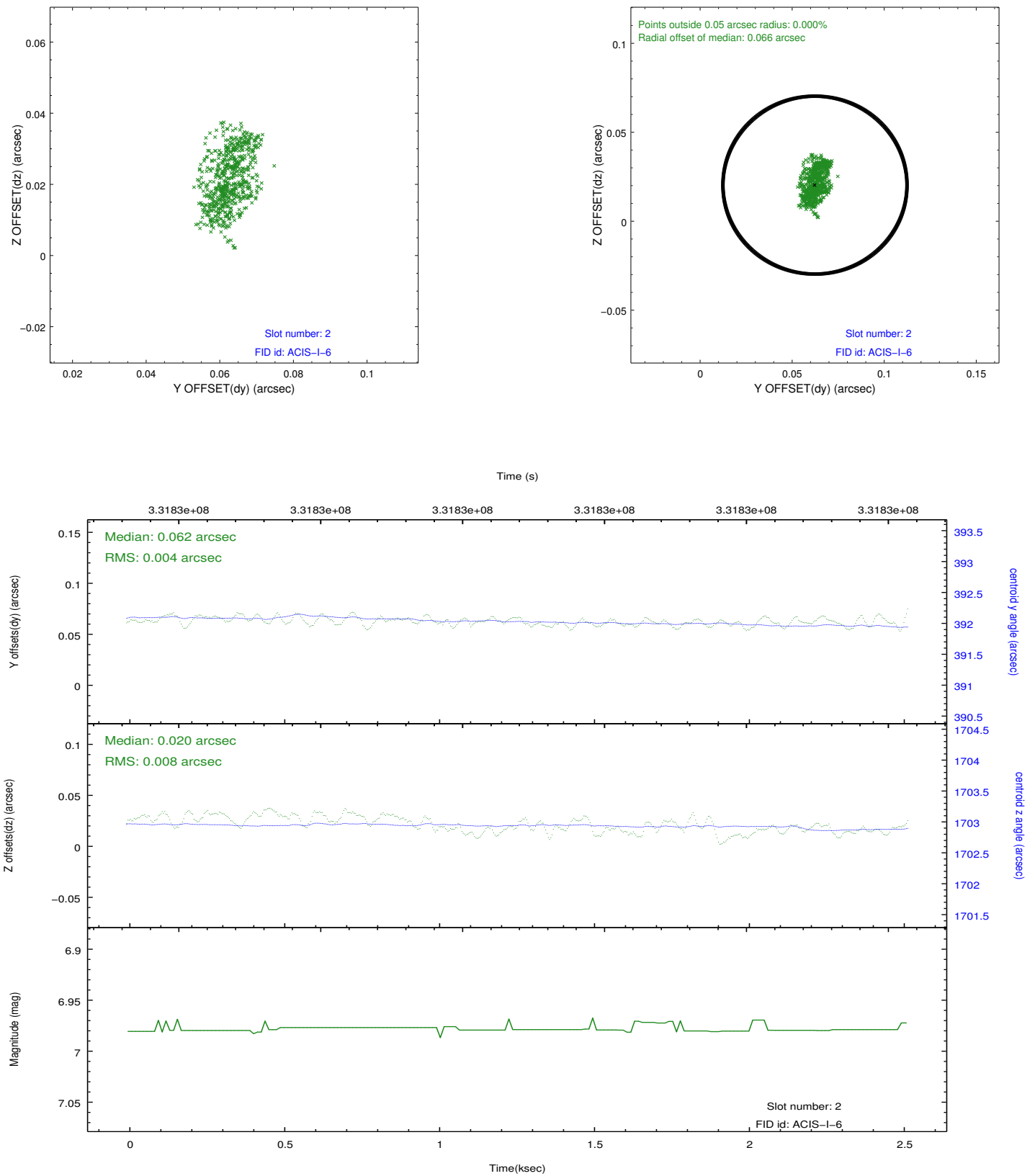
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.05530001

A.2 Comments