

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3302 - L2 Version 3
Chandra X-Ray Center

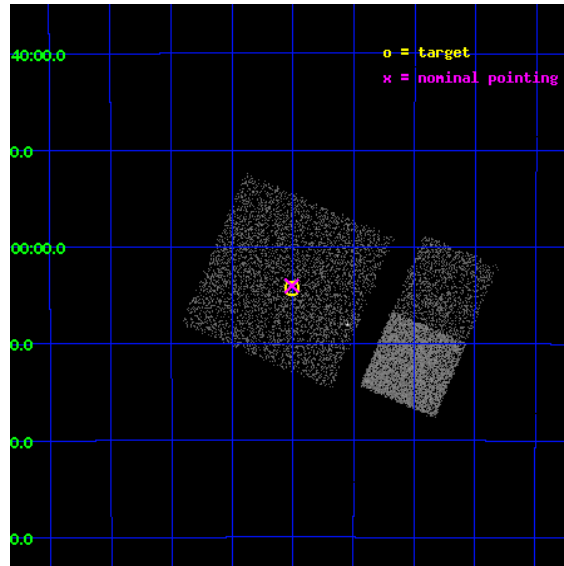
L2 Processing Date : Oct 7 2012

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1 Front

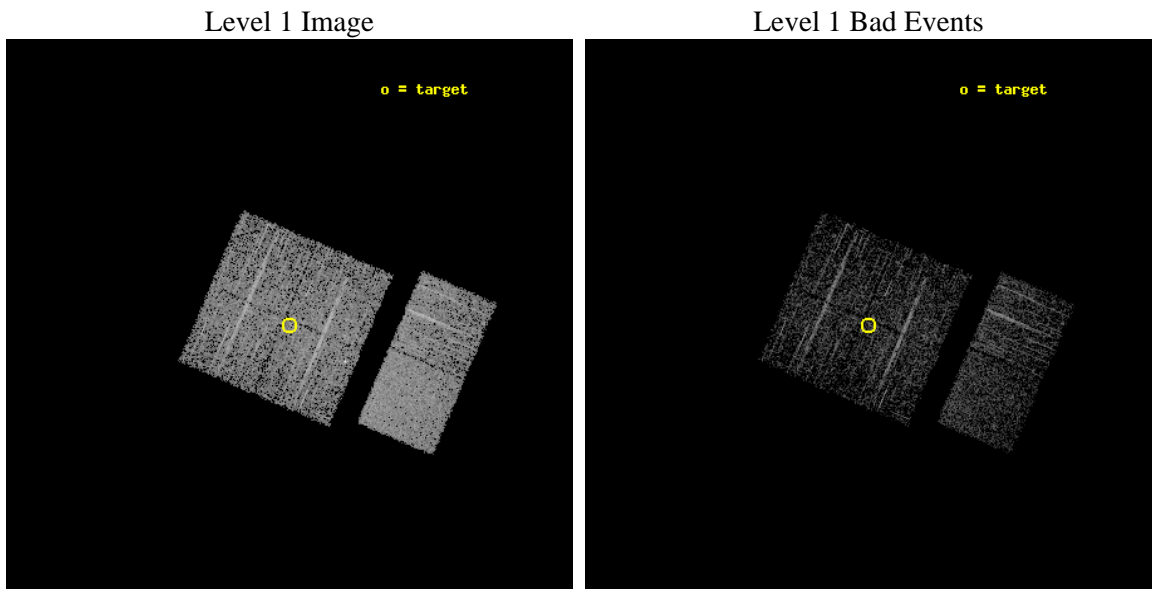
seq_num	900141	Sequence number
obs_id	3302	Observation id
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY	Proposal title
observer	DR. FABIO LA FRANCA	Principal investigator
object	H220301	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	330.752083	Observer's specified target RA [deg]
dec_targ	-32.071667	Observer's specified target Dec [deg]
ra_nom	330.75200667229	Nominal RA [deg]
dec_nom	-32.06716442553	Nominal Dec [deg]
roll_nom	113.23939618711	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2254.4816820323	Sum of GTIs [s]
livetime	2225.9340774886	Livetime [s]
ontime0	2254.3585620522	Sum of GTIs [s]
ontime1	2254.3996020257	Sum of GTIs [s]
ontime2	2254.440642029	Sum of GTIs [s]
ontime3	2254.4816820323	Sum of GTIs [s]
ontime6	2254.5637620389	Sum of GTIs [s]
ontime7	2254.5227220356	Sum of GTIs [s]
l2events	15707	Number of level 2 events



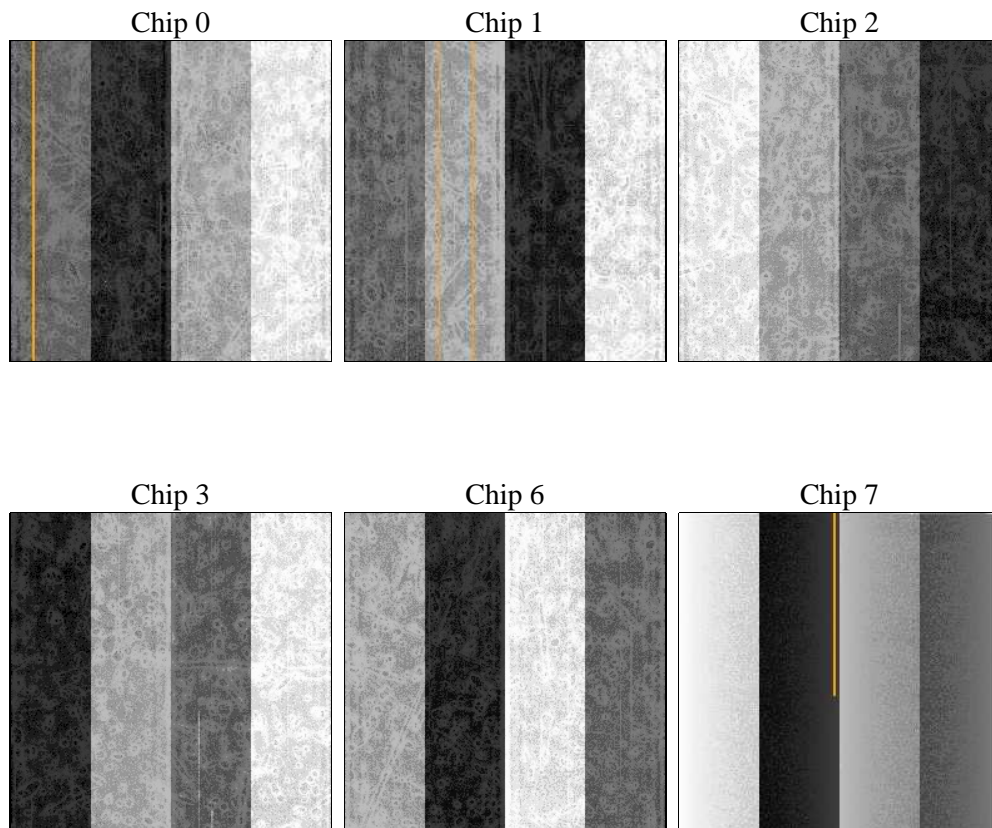
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2254.4816820323	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2254.3585620522	Sum of GTIs [s]
date	2012-10-07T08:42:24	Date and time of file creation	ontime1	2254.3996020257	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2254.440642029	Sum of GTIs [s]
			ontime3	2254.4816820323	Sum of GTIs [s]
			ontime6	2254.5637620389	Sum of GTIs [s]
			ontime7	2254.5227220356	Sum of GTIs [s]
			l1events	91402	Number of level 1 events

2.1.4 Events

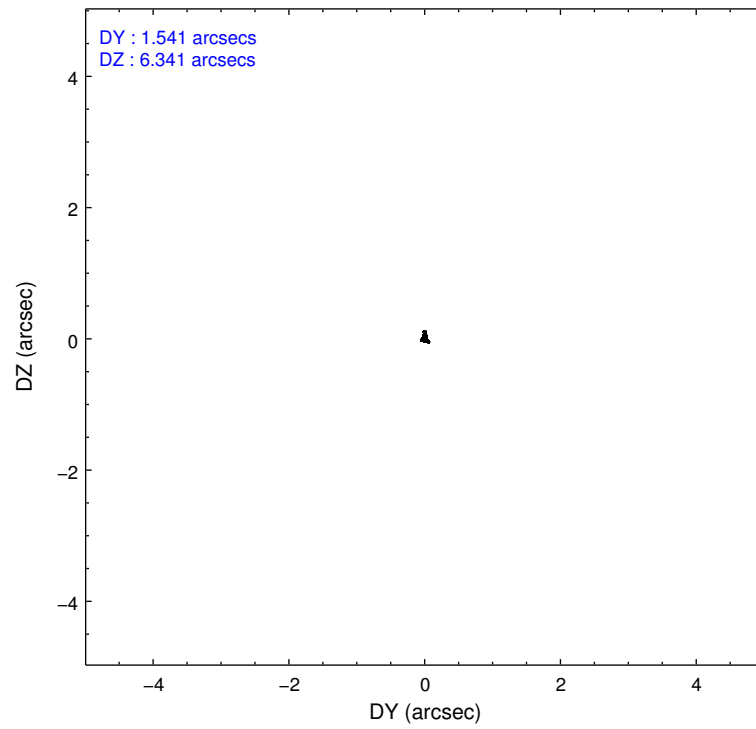
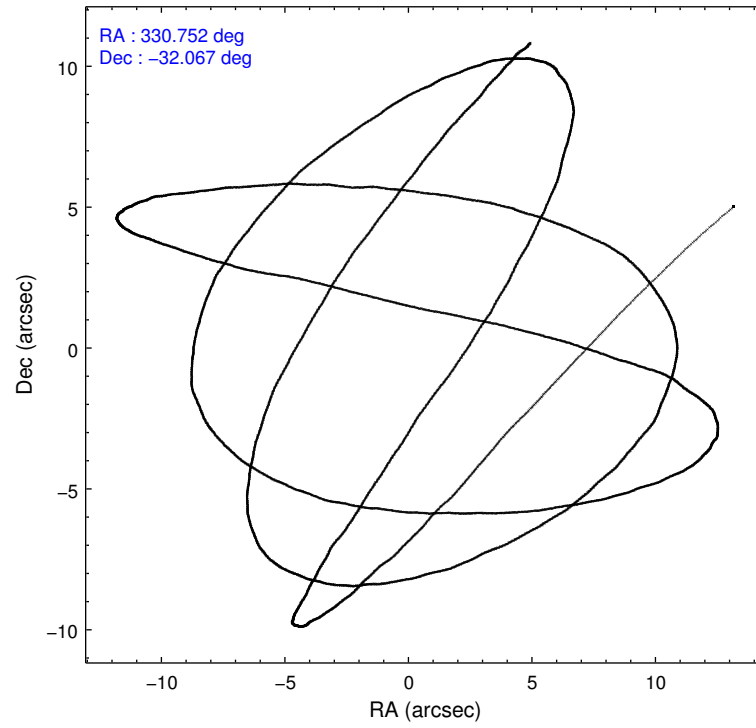
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	13371	13757	14533	14483	15921	19337
rejected events	11624	12003	12756	12444	14106	11392
rejected %	86%	87%	87%	85%	88%	58%

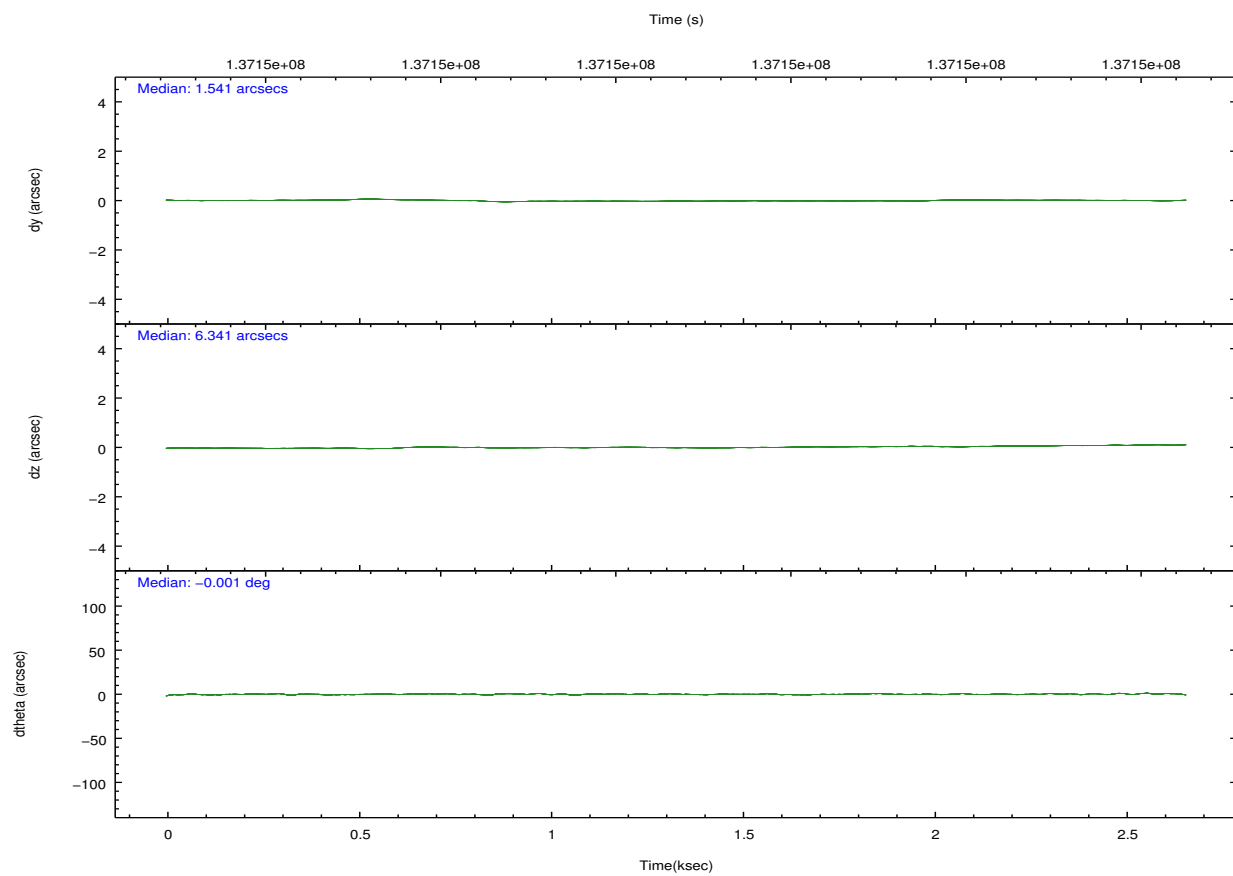
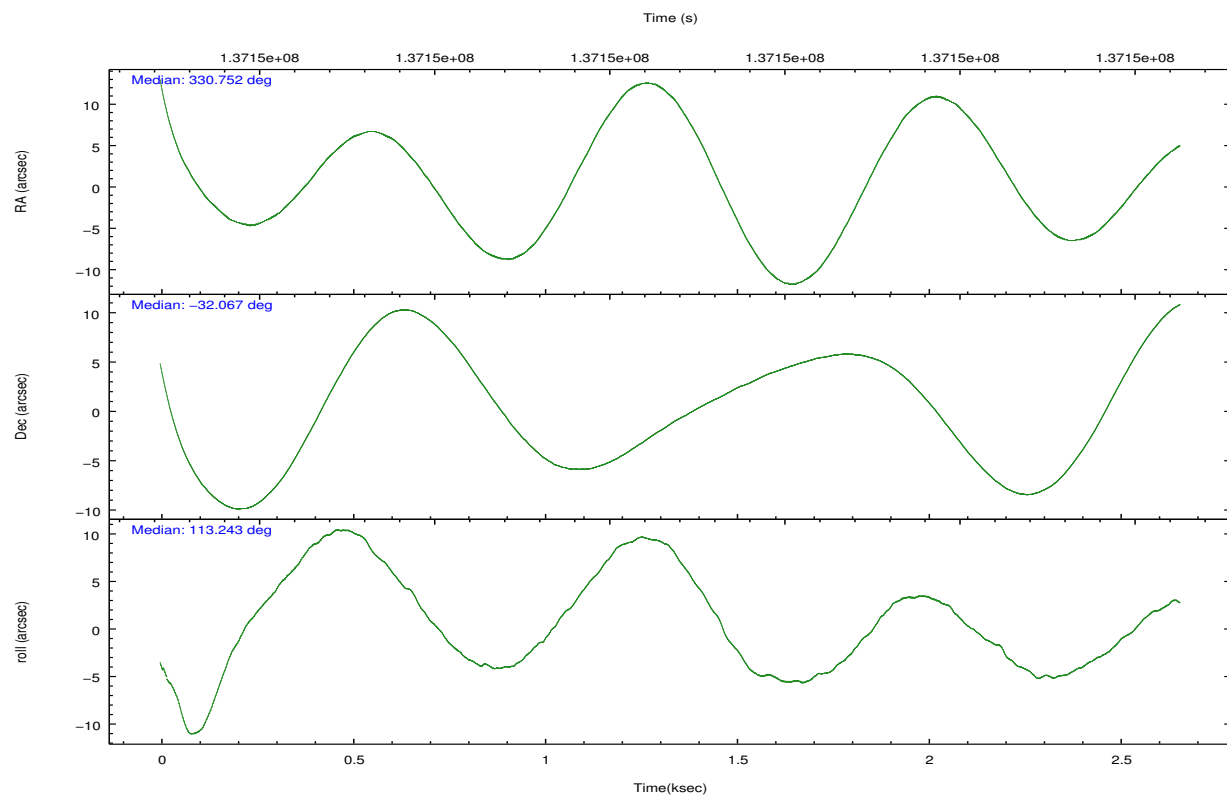
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	785	700	754	1020	731	740
	5%	5%	5%	7%	4%	3%
grade 1 events	5	8	2	5	3	19
	0%	0%	0%	0%	0%	0%
grade 2 events	335	377	415	405	346	1569
	2%	2%	2%	2%	2%	8%
grade 3 events	161	184	166	164	178	699
	1%	1%	1%	1%	1%	3%
grade 4 events	144	168	149	134	174	708
	1%	1%	1%	0%	1%	3%
grade 5 events	553	611	521	600	709	1985
	4%	4%	3%	4%	4%	10%
grade 6 events	322	328	298	320	391	4237
	2%	2%	2%	2%	2%	21%
grade 7 events	11066	11381	12228	11835	13389	9380
	82%	82%	84%	81%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	330.778031	330.7520066722901	Subarray requested	NONE	NONE
[deg] Pointing Dec	-32.083322	-32.06716442553012	Alternating exposures requested	N	N
[deg] Pointing Roll	113.044528	113.2393961871118	[s] Primary exposure time	0.000000	3.2
[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)	137147498.184000	137146544.5035			
Observation start date	2002-05-07T08:30:34	2002-05-07T08:15:44			
[s] Observation end time (MET)	137149998.184000	137150707.54117			
Observation end date	2002-05-07T09:12:14	2002-05-07T09:25:07			
Read mode	TIMED	TIMED			

2.3 Aspect



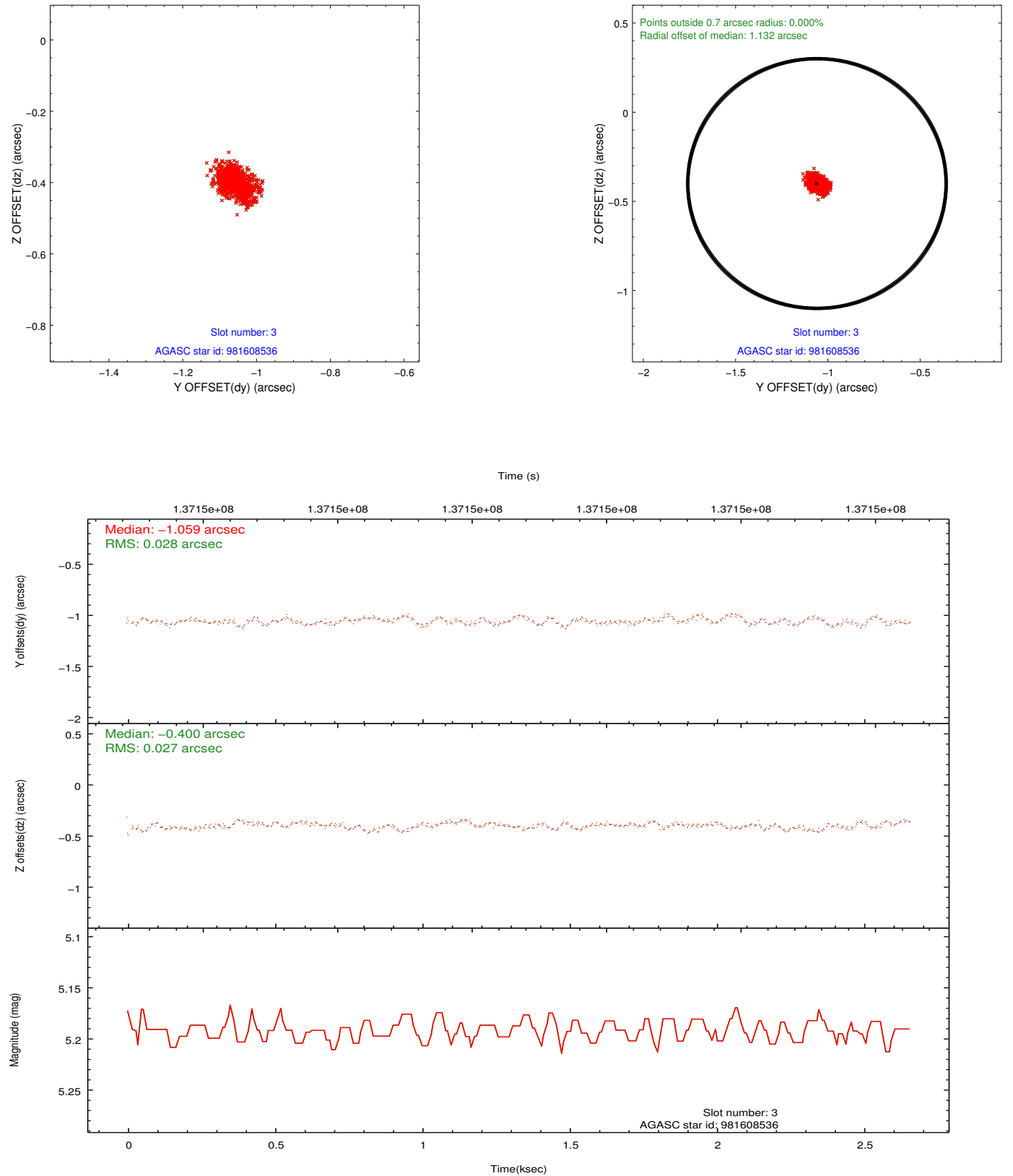


Slot Statistics

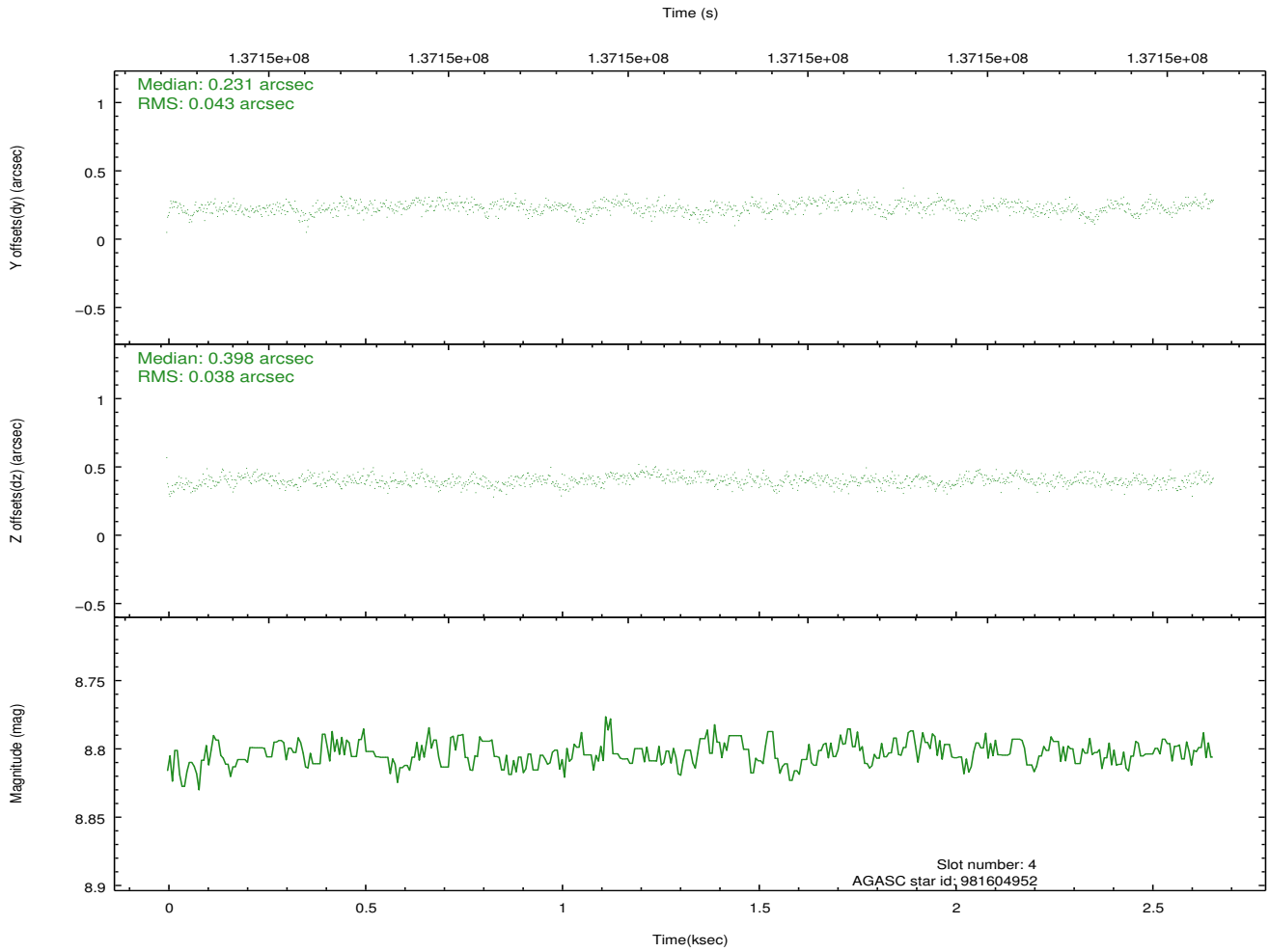
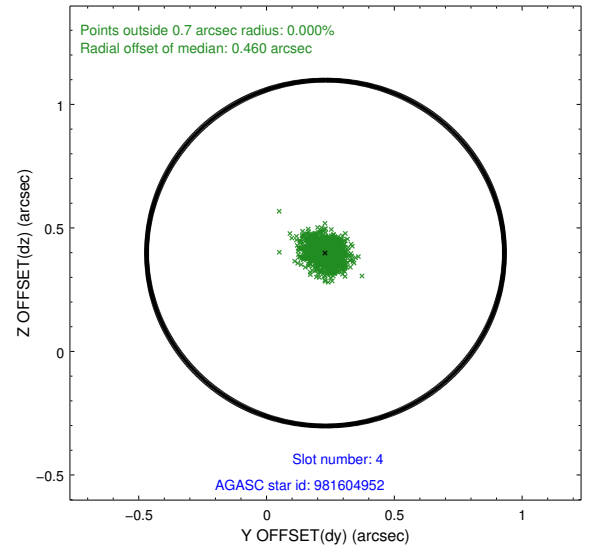
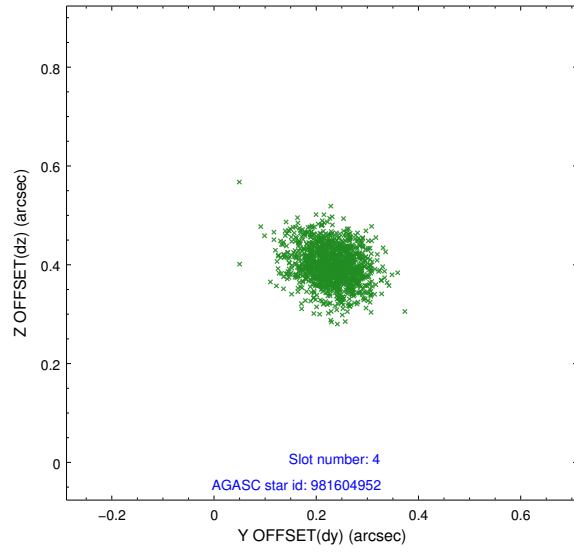
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	649	-0.004	0.005	0.006	0.011	0.000000	0.000000	938.27	-829.74
1	FID	ACIS-I-5	7.24	649	-0.063	0.041	0.006	0.010	0.000000	0.000000	-1808.50	1066.64
2	FID	ACIS-I-6	7.26	649	-0.024	0.025	0.007	0.010	0.000000	0.000000	401.23	1713.83
3	BAD	981608536	5.19	810	-1.059	-0.400	0.042	0.070	330.819856	-31.445179	2065.00	-1016.84
4	GUIDE	981604952	8.80	1298	0.231	0.398	0.059	0.099	330.860917	-31.605028	1488.16	-908.23
5	GUIDE	981479688	9.05	1298	-0.178	0.048	0.087	0.137	329.914943	-31.740594	2162.64	1952.04
6	GUIDE	981607328	9.24	1297	0.455	-0.075	0.081	0.133	330.943527	-32.356075	-1097.31	-77.03
7	GUIDE	981612136	9.41	1296	0.151	-0.119	0.079	0.139	330.454781	-32.060593	460.92	875.95

2.4 Star Slots

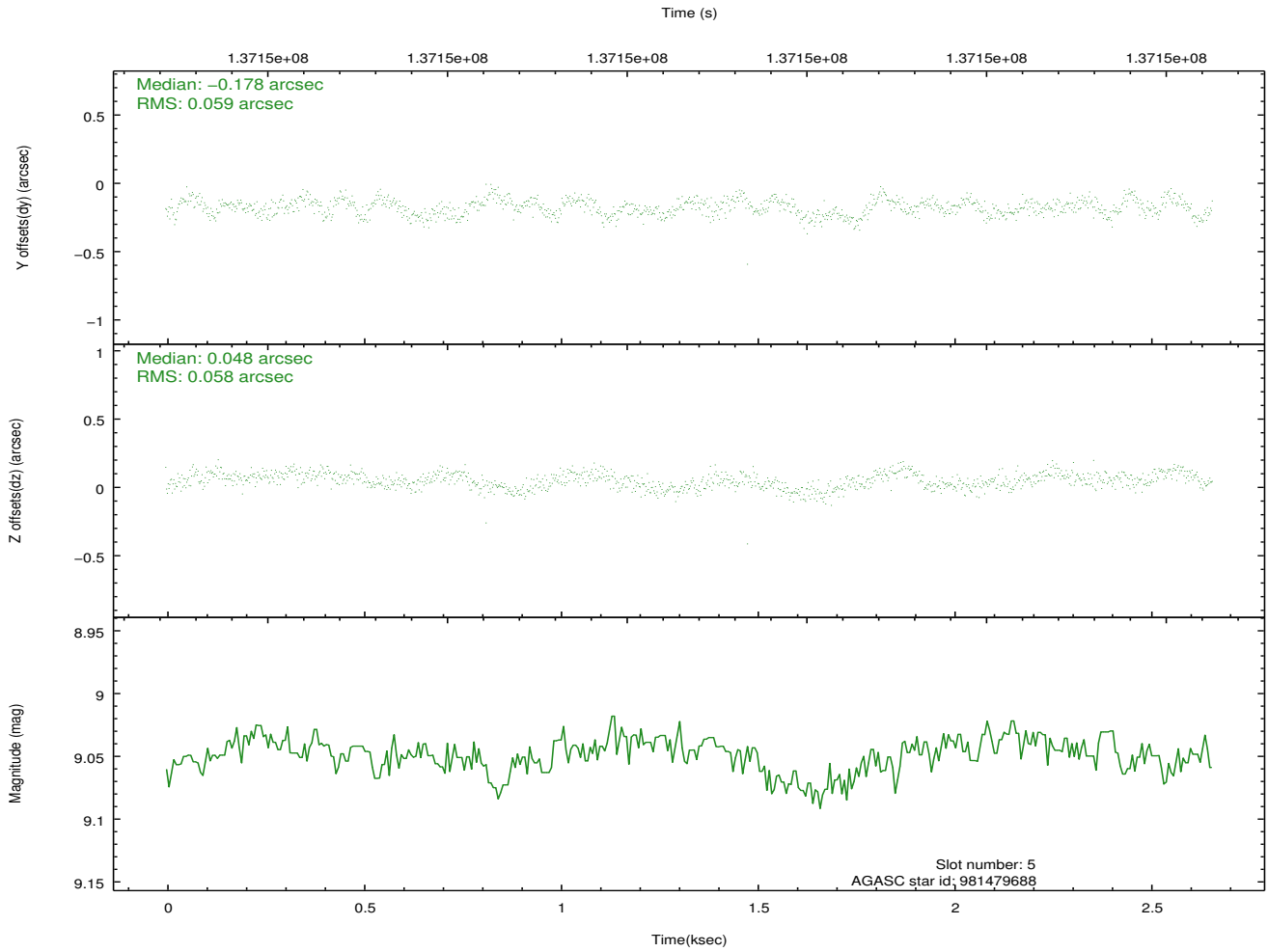
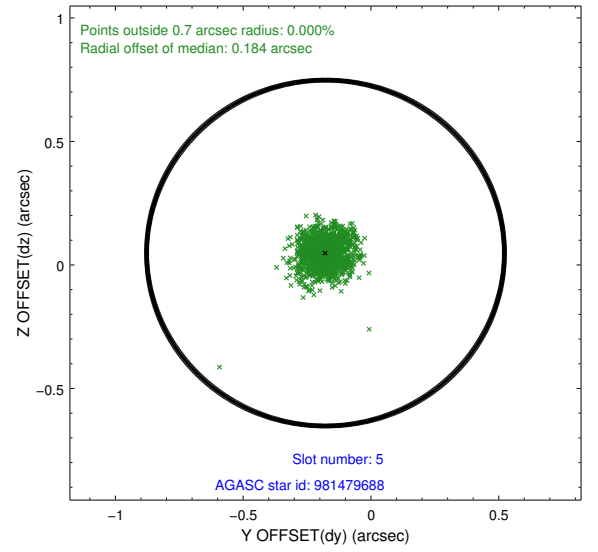
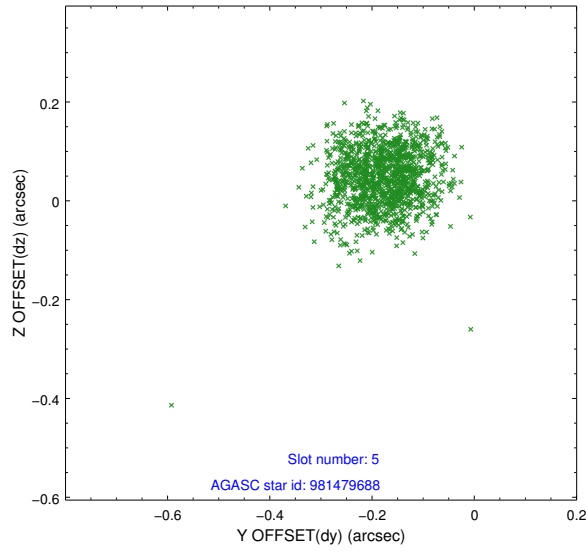
2.4.1 Slot 3



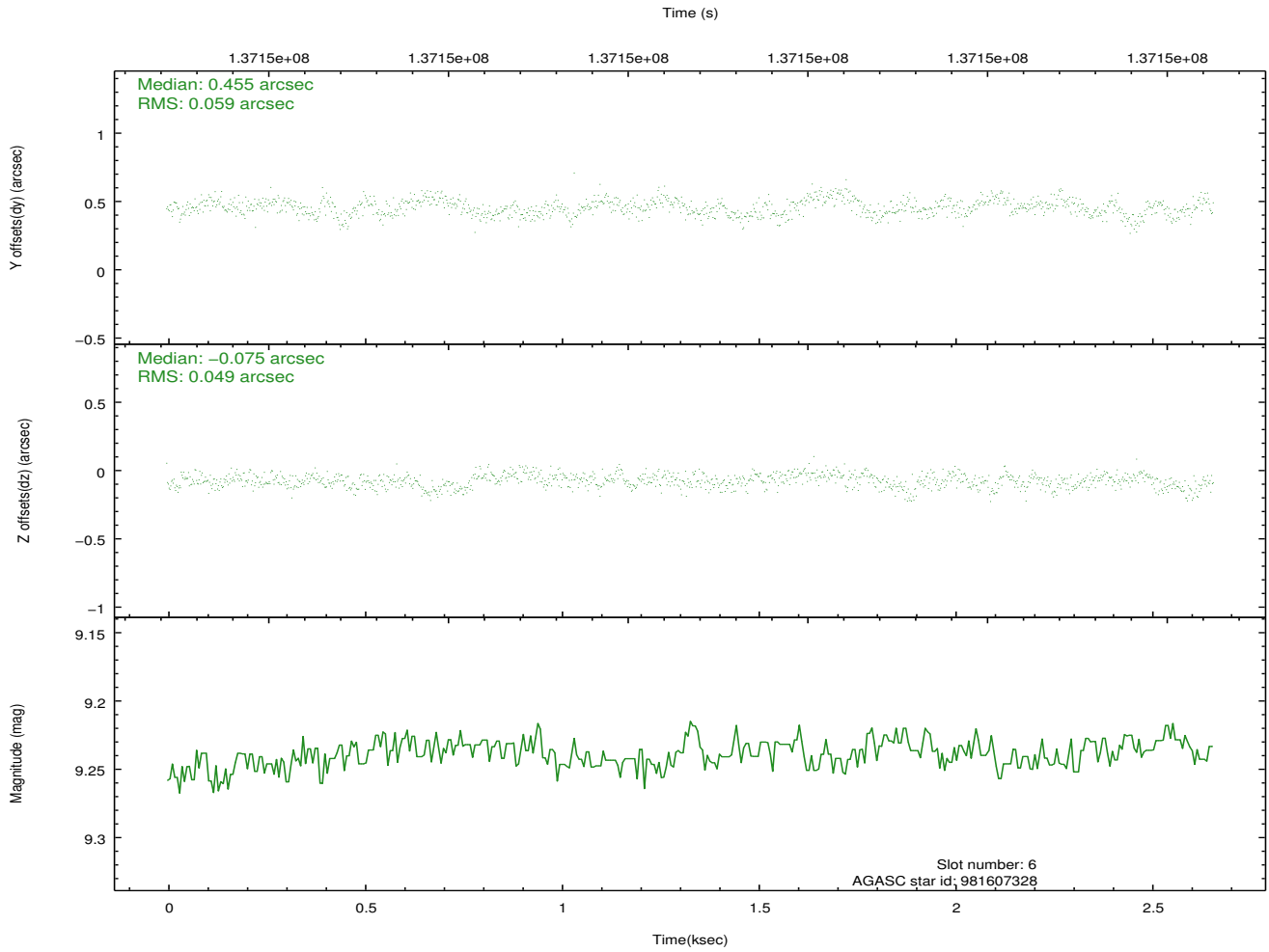
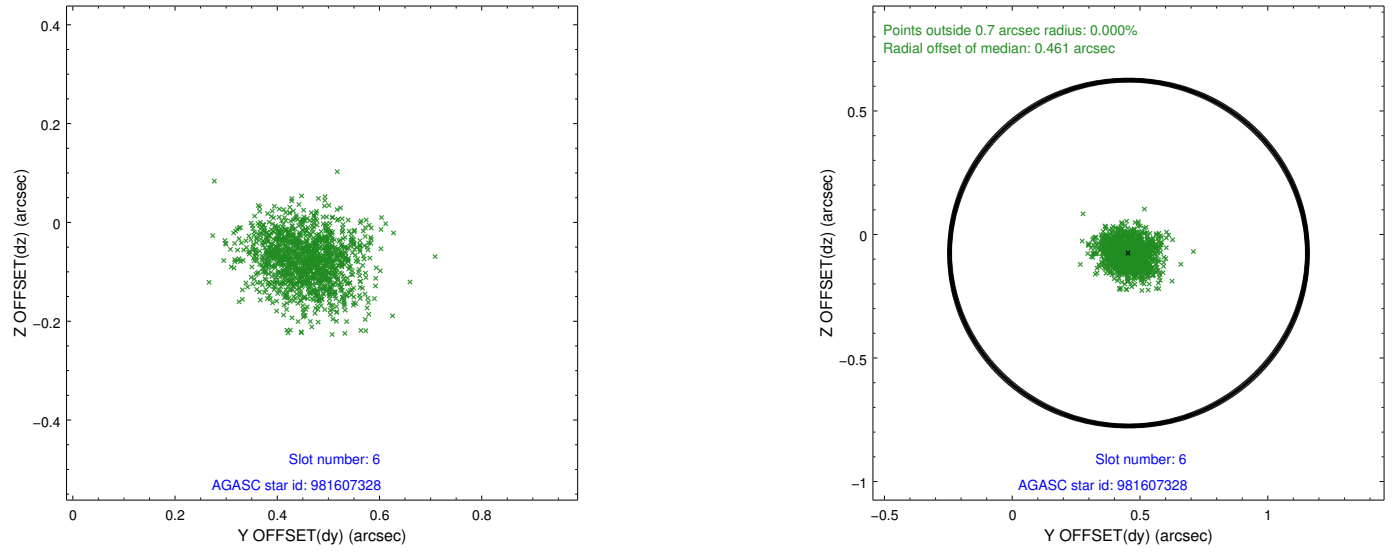
2.4.2 Slot 4



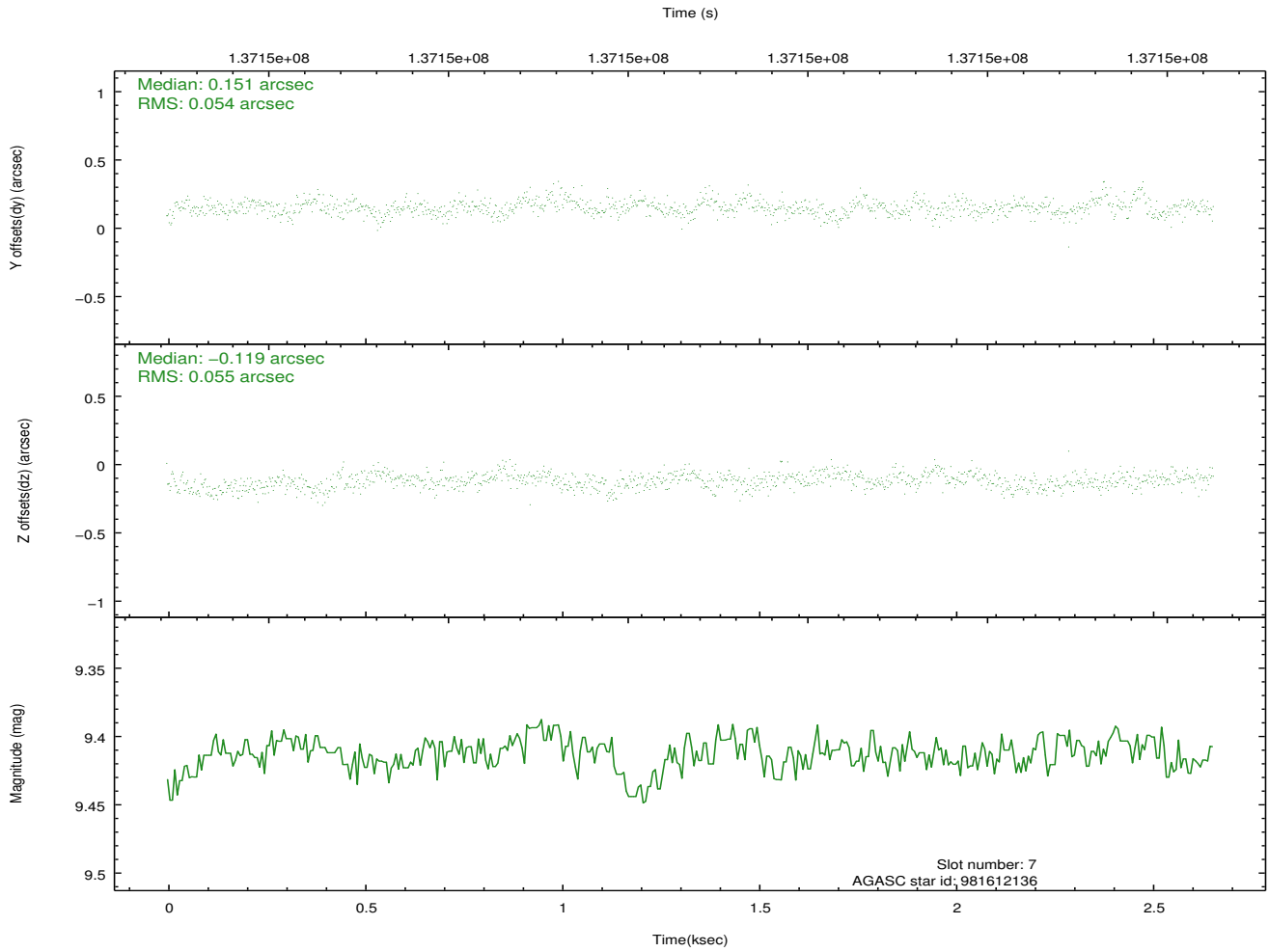
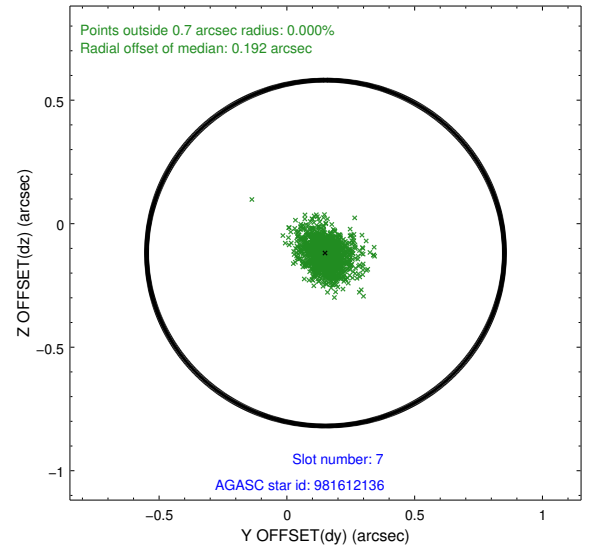
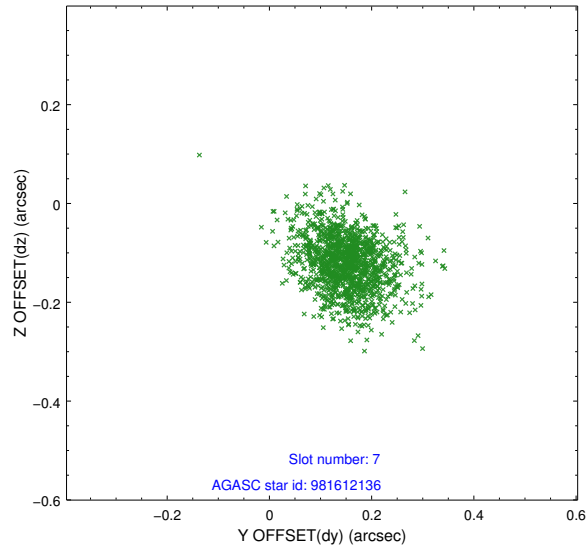
2.4.3 Slot 5



2.4.4 Slot 6

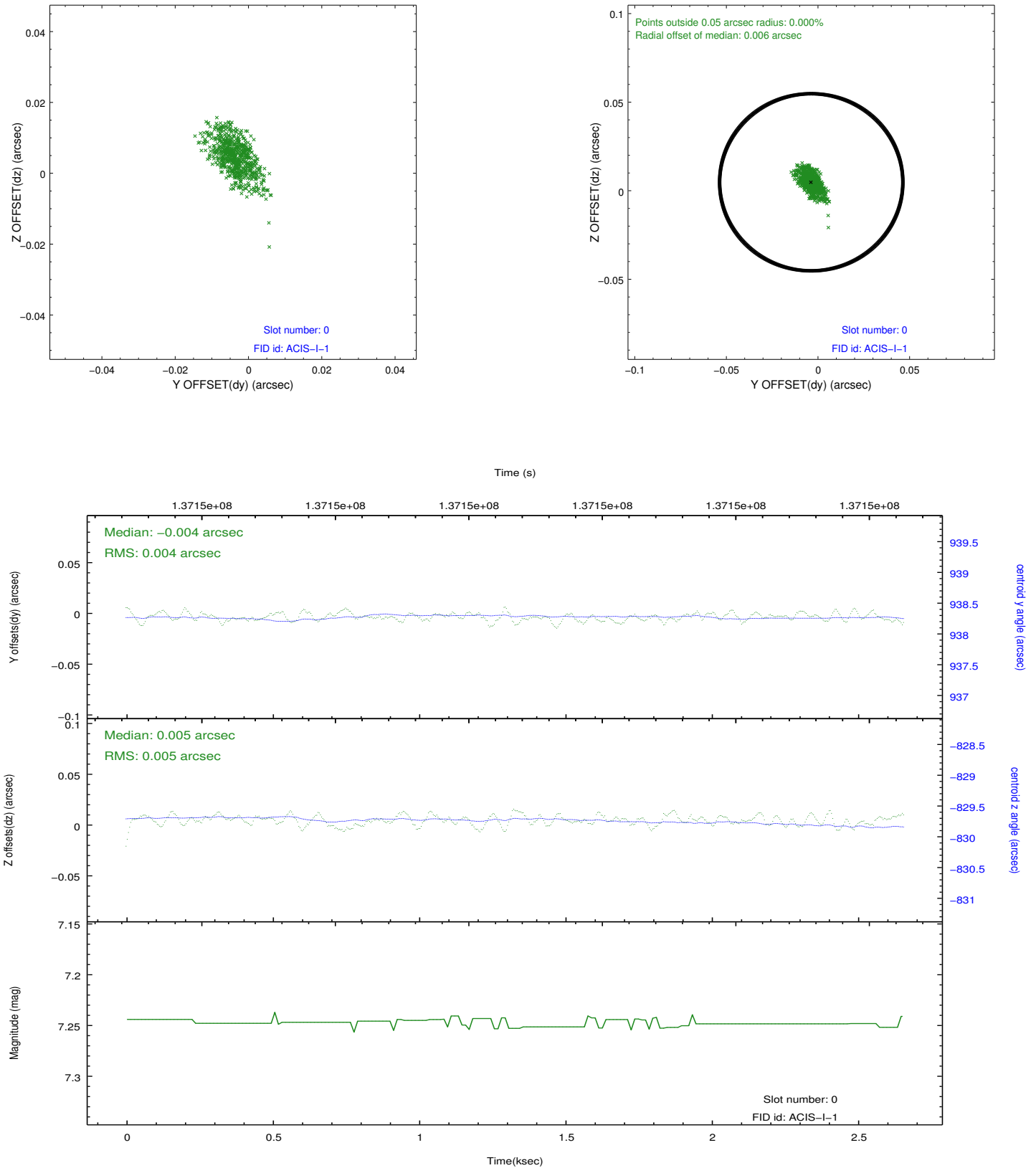


2.4.5 Slot 7

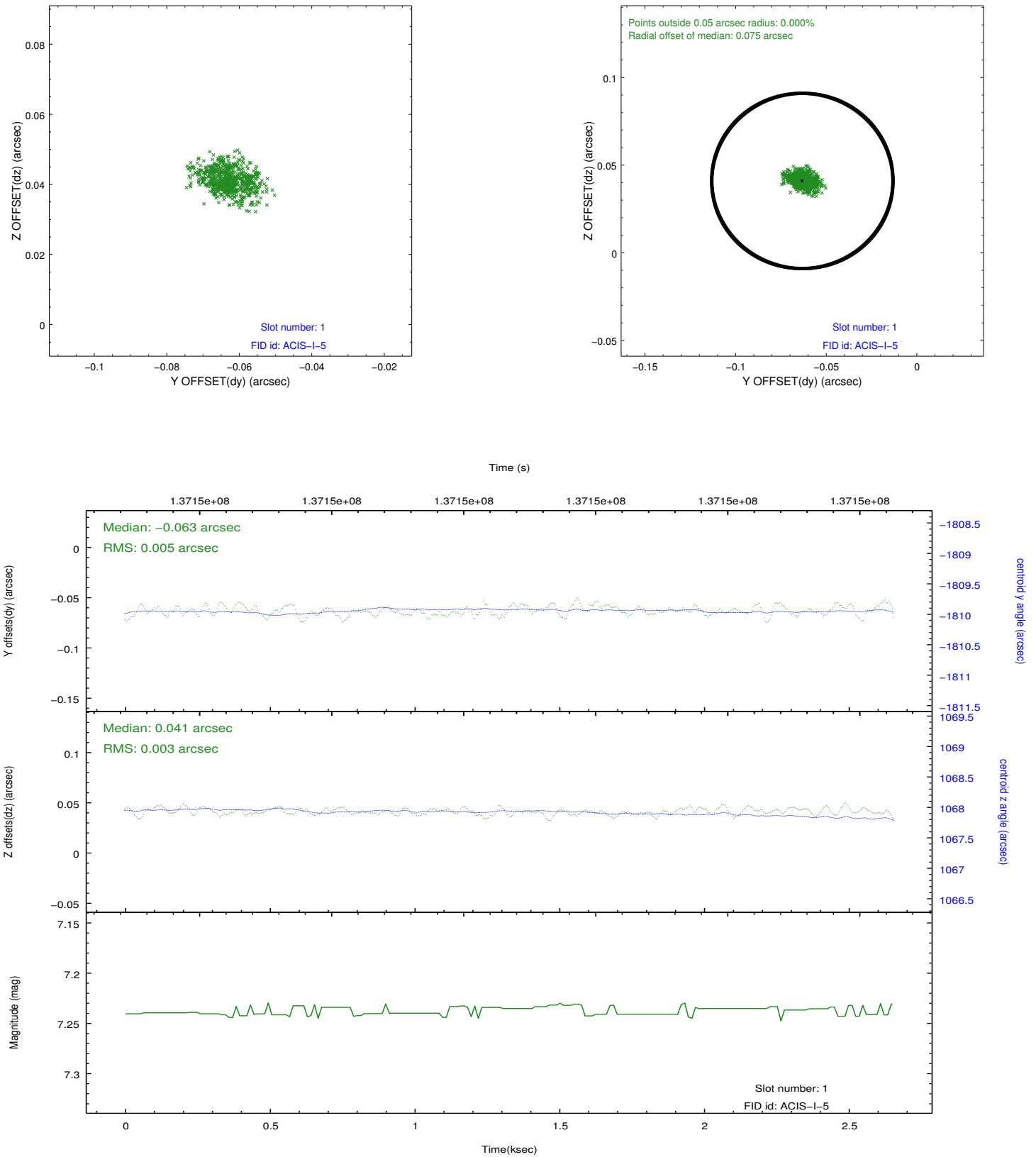


2.5 FID Slots

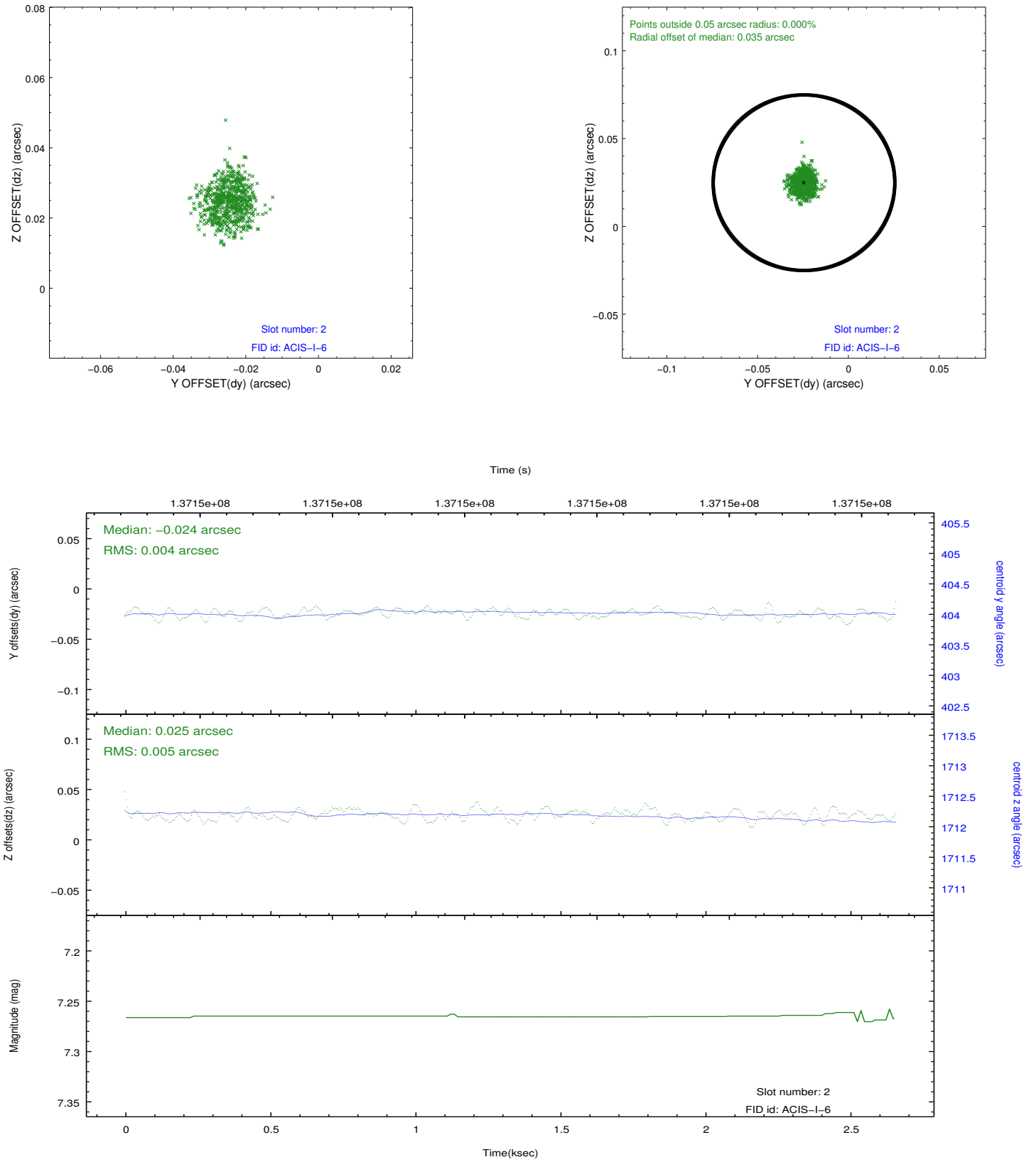
2.5.1 Slot 0



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)	2012.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.255

A.2 Comments