

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3601 - L2 Version 3
Chandra X-Ray Center

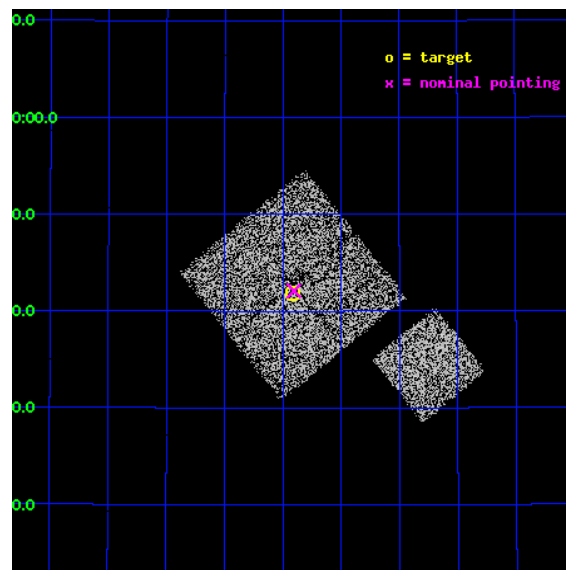
L2 Processing Date : Oct 26 2012

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1 Front

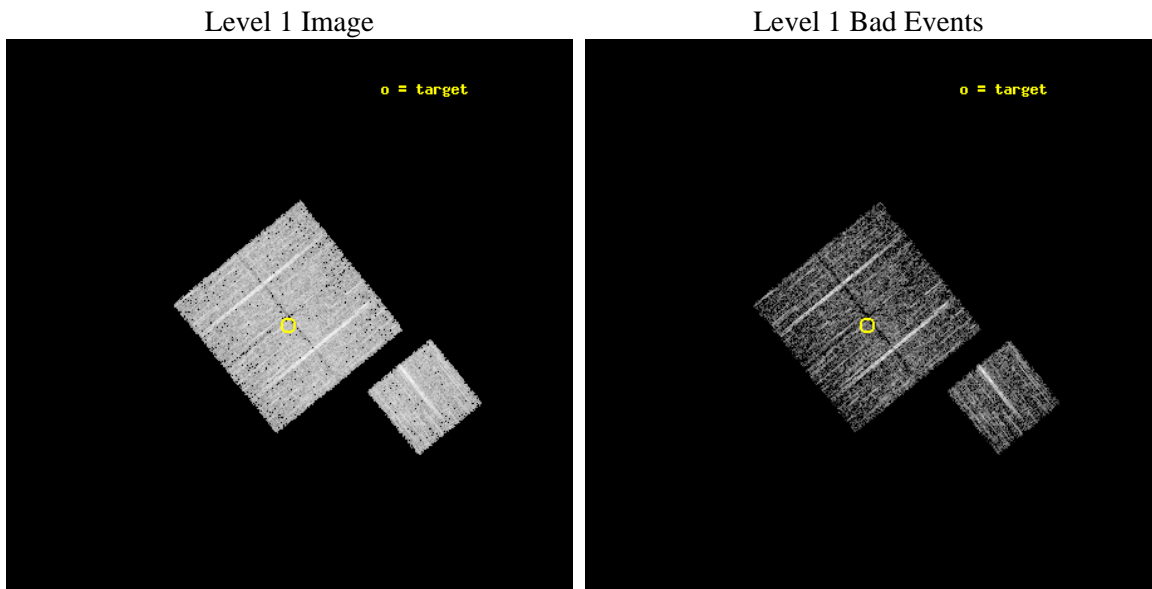
seq_num	900201	Sequence number
obs_id	3601	Observation id
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NOAO FIELD F1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.604097	Observer's specified target RA [deg]
dec_targ	35.697552	Observer's specified target Dec [deg]
ra_nom	217.60140439487	Nominal RA [deg]
dec_nom	35.701622770559	Nominal Dec [deg]
roll_nom	141.01025072455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4574.7027124465	Sum of GTIs [s]
livetime	4514.9308536612	Livetime [s]
ontime0	4574.579562515	Sum of GTIs [s]
ontime1	4574.6206025183	Sum of GTIs [s]
ontime2	4571.5206723213	Sum of GTIs [s]
ontime3	4574.7027124465	Sum of GTIs [s]
ontime6	4574.5385225117	Sum of GTIs [s]
l2events	17133	Number of level 2 events



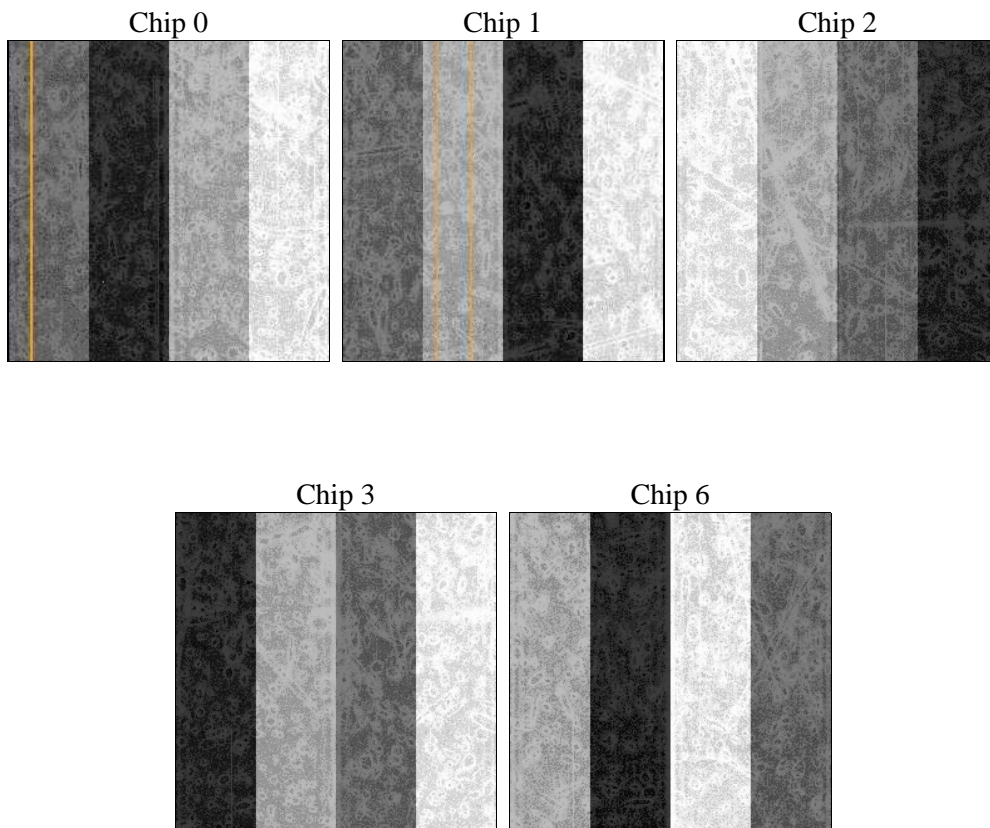
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4574.7027124465	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4574.579562515	Sum of GTIs [s]
date	2012-10-26T01:21:31	Date and time of file creation	ontime1	4574.6206025183	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4571.5206723213	Sum of GTIs [s]
			ontime3	4574.7027124465	Sum of GTIs [s]
			ontime6	4574.5385225117	Sum of GTIs [s]
			l1events	128564	Number of level 1 events

2.1.4 Events

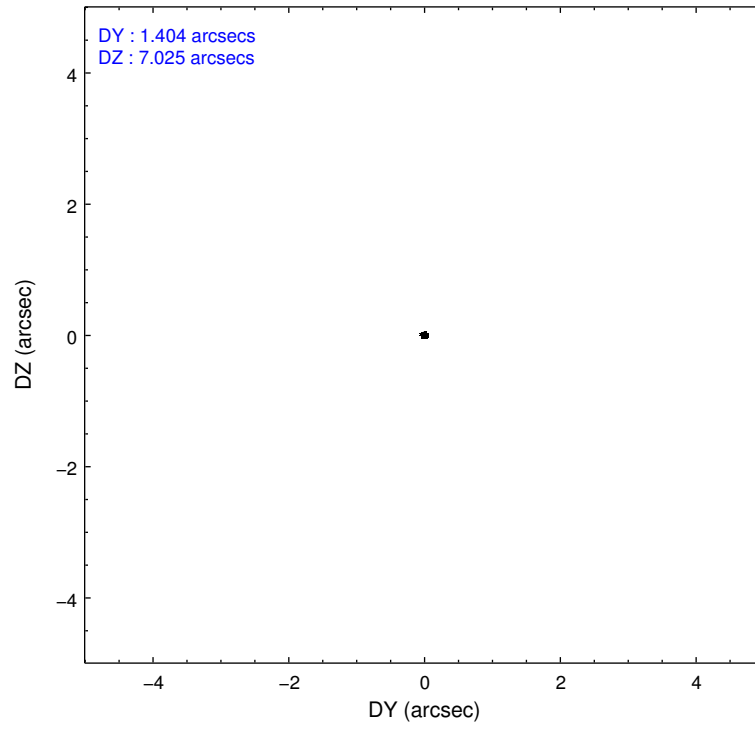
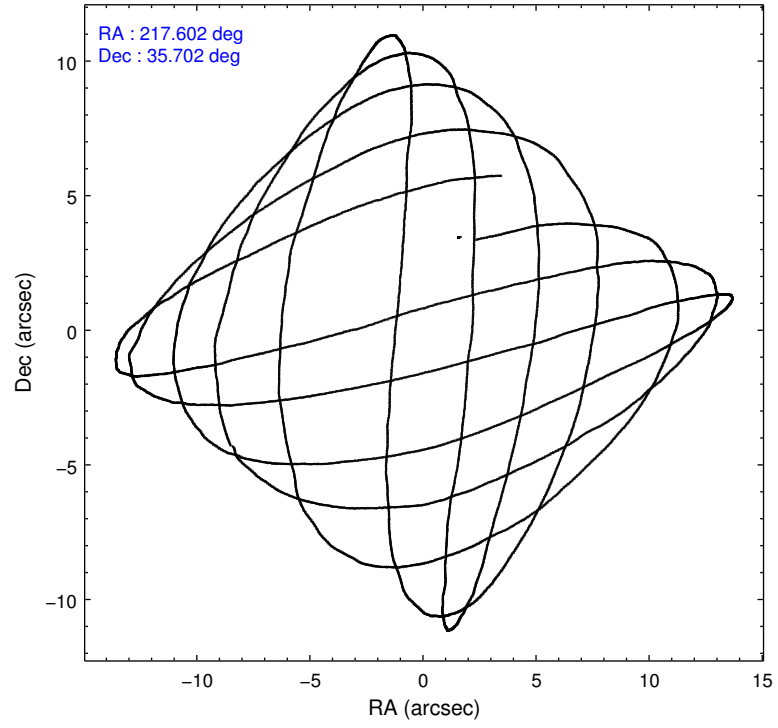
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23869	24845	26895	25700	27255
rejected events	20089	20813	23046	21961	22924
rejected %	84%	83%	85%	85%	84%

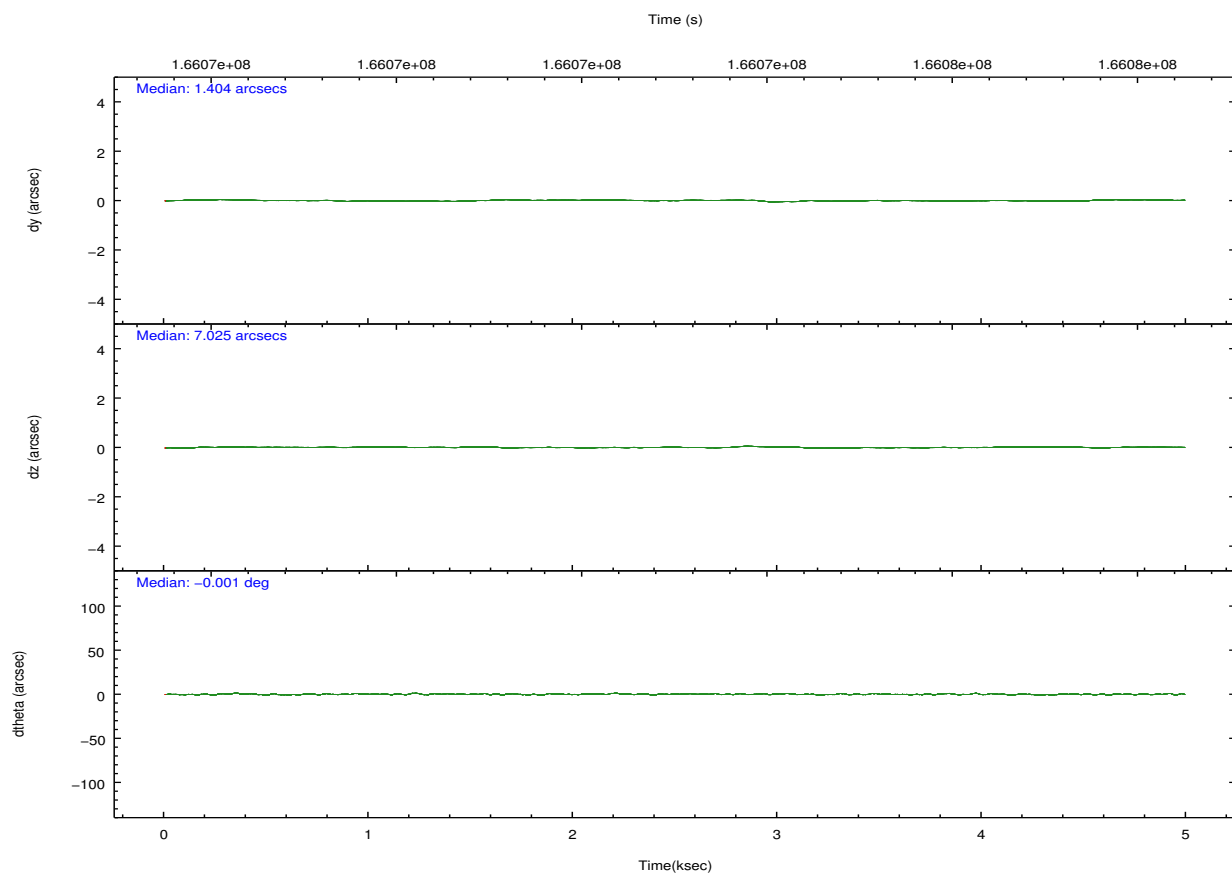
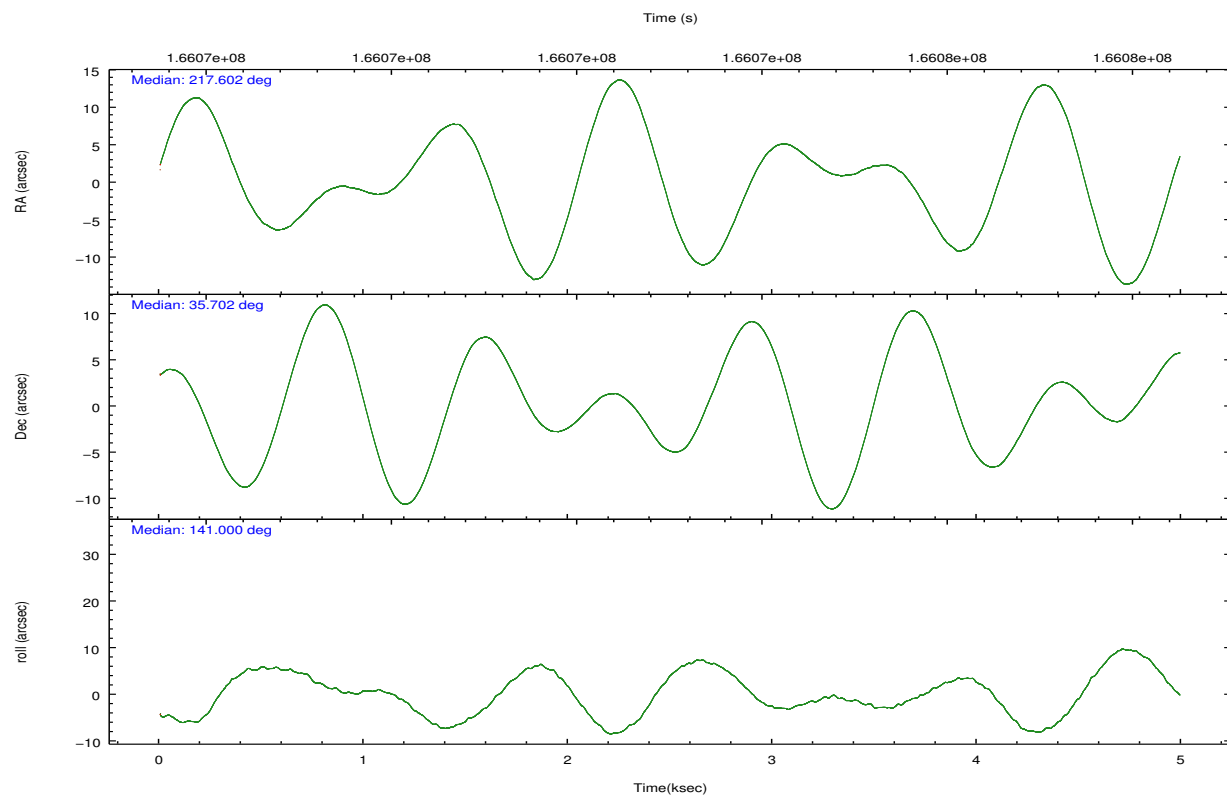
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1954	1964	1960	1903	2312
	8%	7%	7%	7%	8%
grade 1 events	9	17	25	22	15
	0%	0%	0%	0%	0%
grade 2 events	658	679	687	647	683
	2%	2%	2%	2%	2%
grade 3 events	320	388	318	357	342
	1%	1%	1%	1%	1%
grade 4 events	302	364	350	322	340
	1%	1%	1%	1%	1%
grade 5 events	664	719	670	736	787
	2%	2%	2%	2%	2%
grade 6 events	553	639	540	515	662
	2%	2%	2%	2%	2%
grade 7 events	19409	20075	22345	21198	22114
	81%	80%	83%	82%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	217.634736	217.6014043948693	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.697470	35.70162277055859	Alternating exposures requested	N	N
[deg] Pointing Roll	140.782117	141.0102507245518	[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)	166071205.184000	166070829.02864			
Observation start date	2003-04-07T02:52:21	2003-04-07T02:47:09			
[s] Observation end time (MET)	166076005.184000	166076139.55387			
Observation end date	2003-04-07T04:12:21	2003-04-07T04:15:39			
Read mode	TIMED	TIMED			

2.3 Aspect



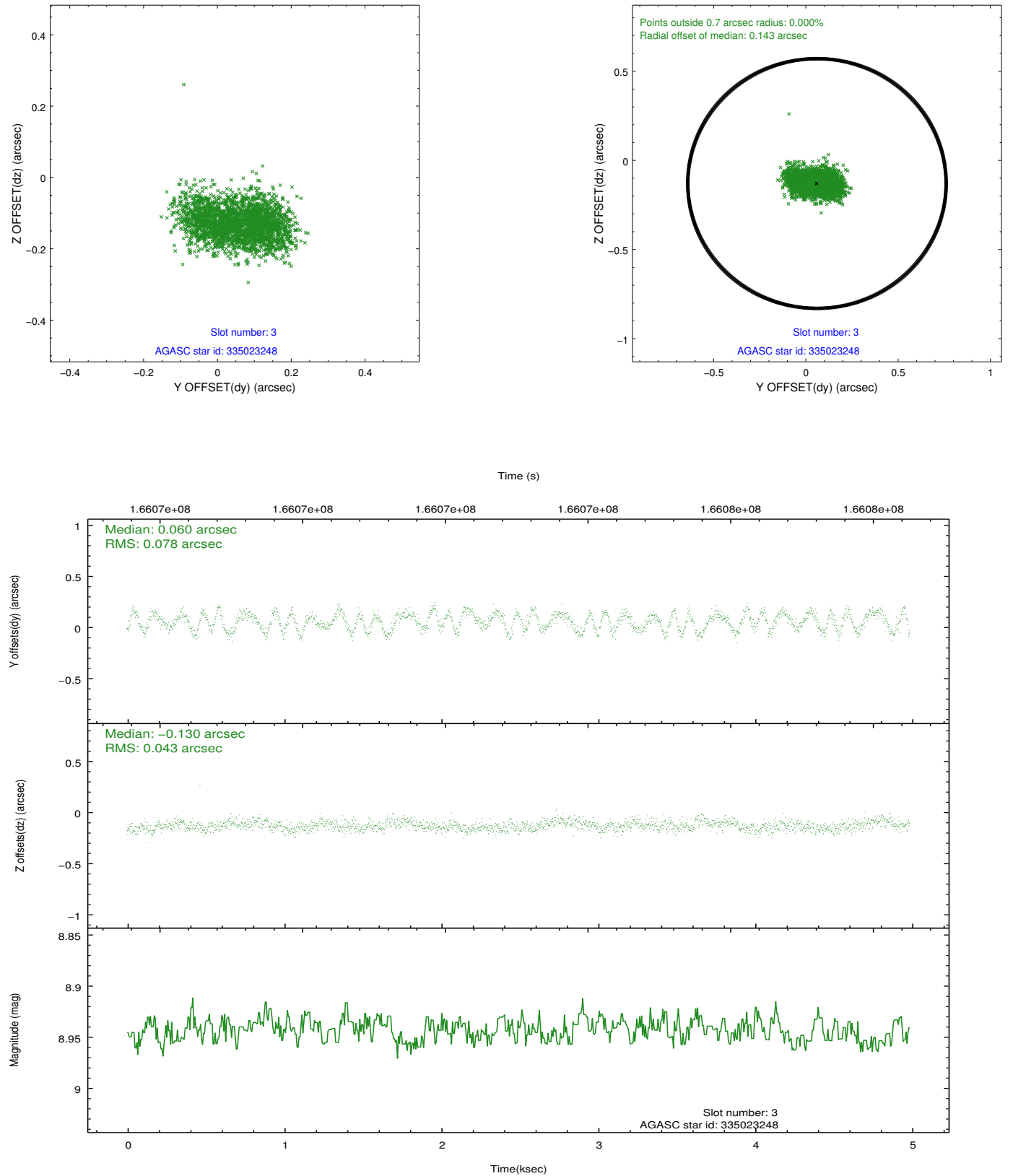


Slot Statistics

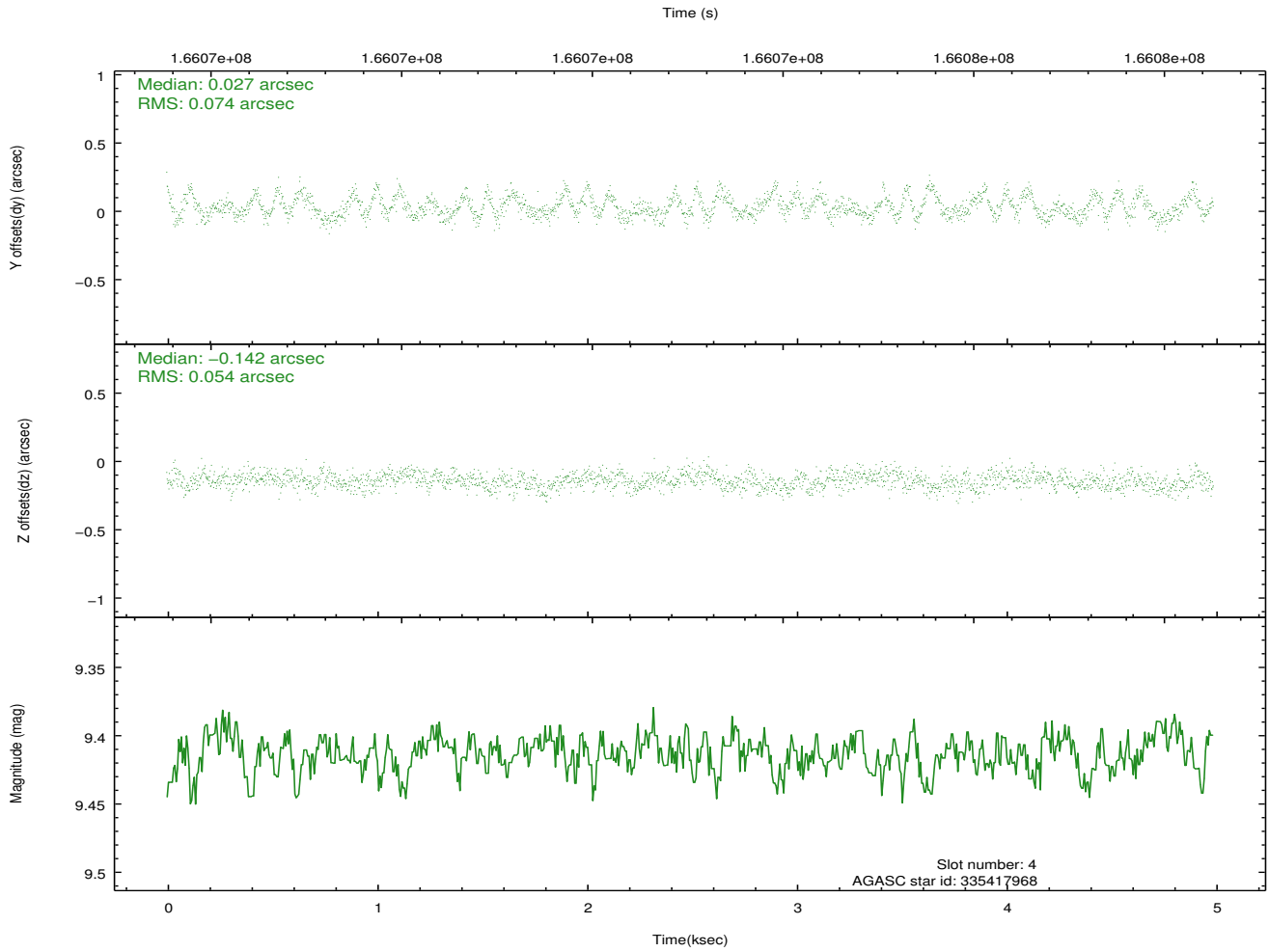
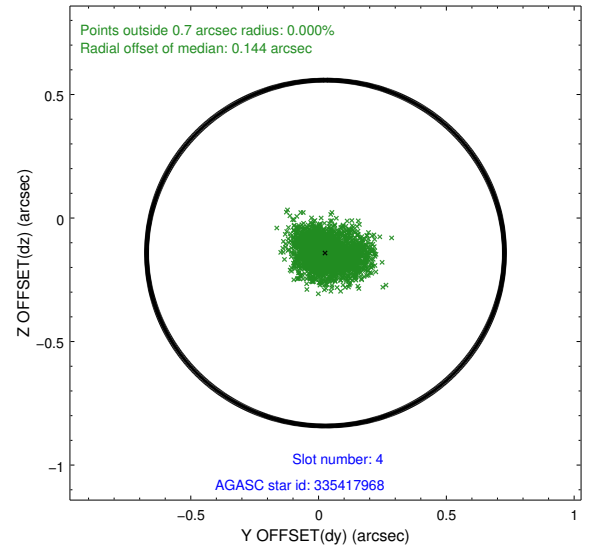
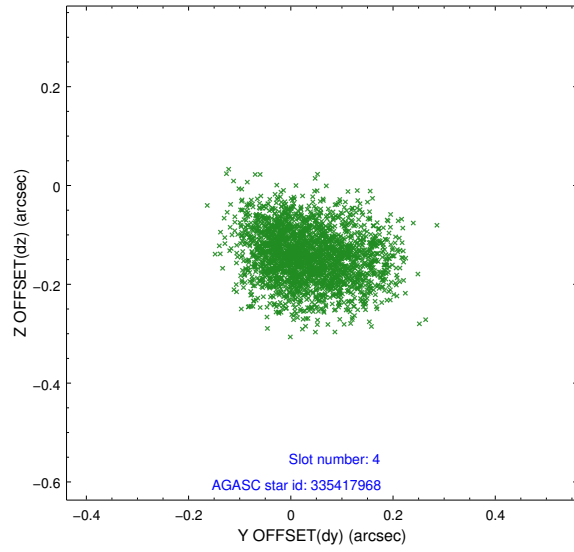
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1218	0.010	0.011	0.006	0.010	0.000000	0.000000	938.42	-830.43
1	FID	ACIS-I-5	7.24	1217	-0.080	0.053	0.006	0.010	0.000000	0.000000	-1809.05	1066.56
2	FID	ACIS-I-6	7.27	1218	-0.020	0.006	0.006	0.011	0.000000	0.000000	402.68	1712.35
3	GUIDE	335023248	8.94	2435	0.060	-0.130	0.097	0.151	217.634832	34.944512	-1714.30	2099.77
4	GUIDE	335417968	9.41	2435	0.027	-0.142	0.096	0.158	217.358149	35.055285	-830.46	2306.45
5	GUIDE	335418792	9.70	2434	0.029	0.055	0.109	0.180	217.469762	36.446912	2076.47	-1786.93
6	GUIDE	335421608	9.21	2434	-0.042	0.073	0.077	0.123	217.691874	36.359353	1379.80	-1950.94
7	GUIDE	335413776	8.93	2432	-0.076	0.150	0.085	0.145	218.421411	36.051962	-960.01	-2444.04

2.4 Star Slots

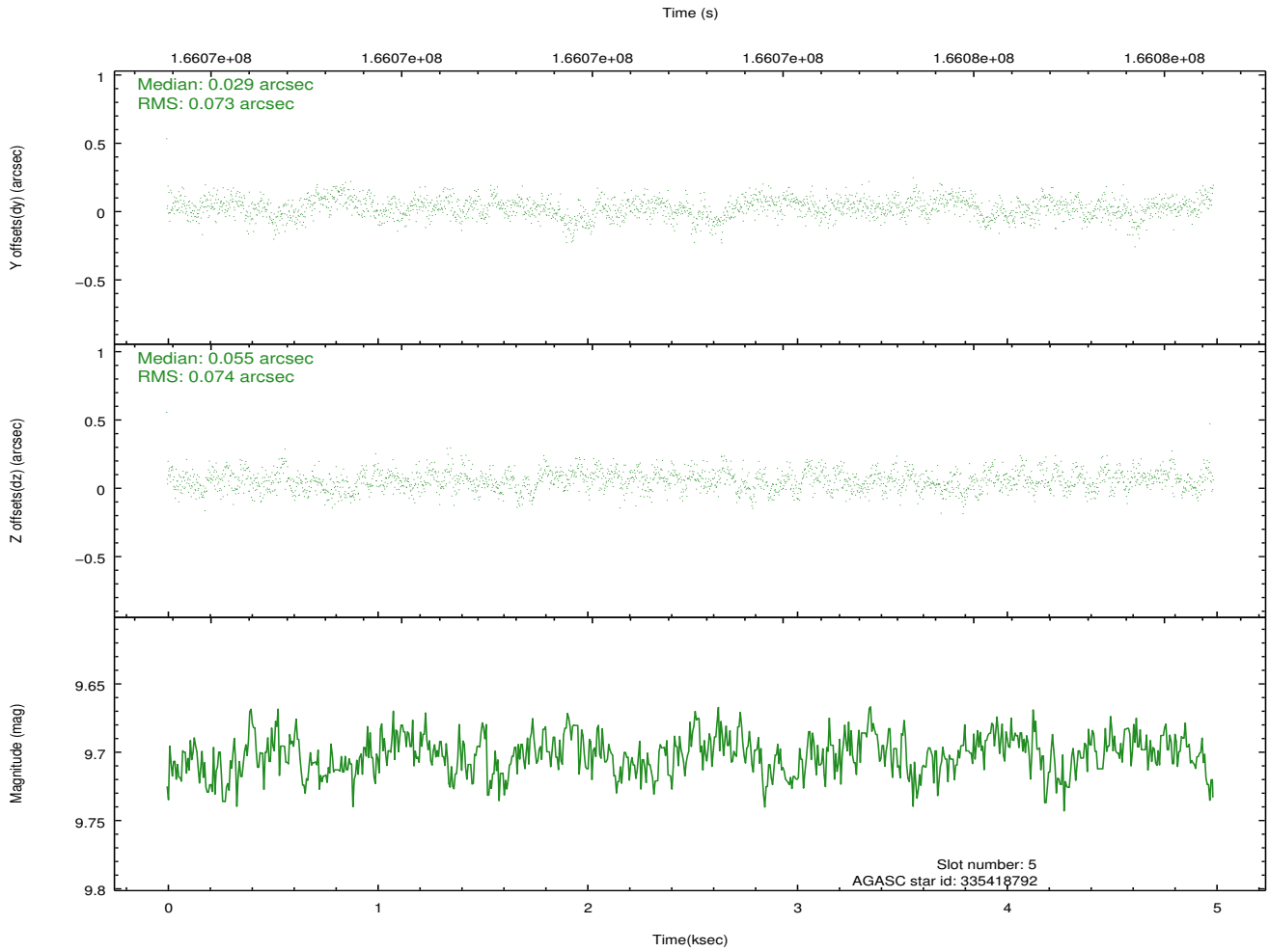
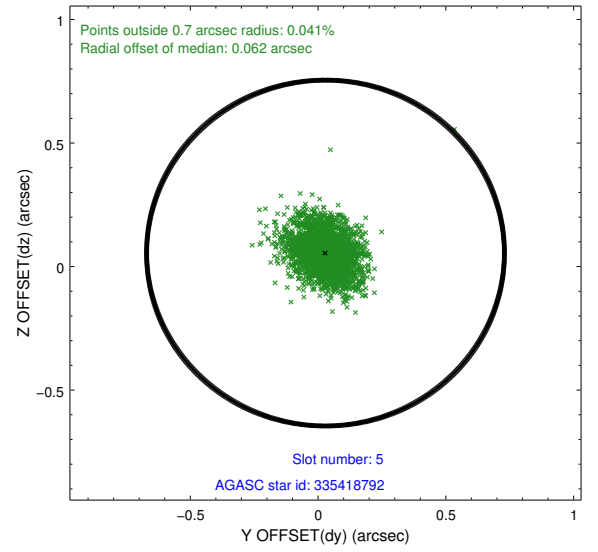
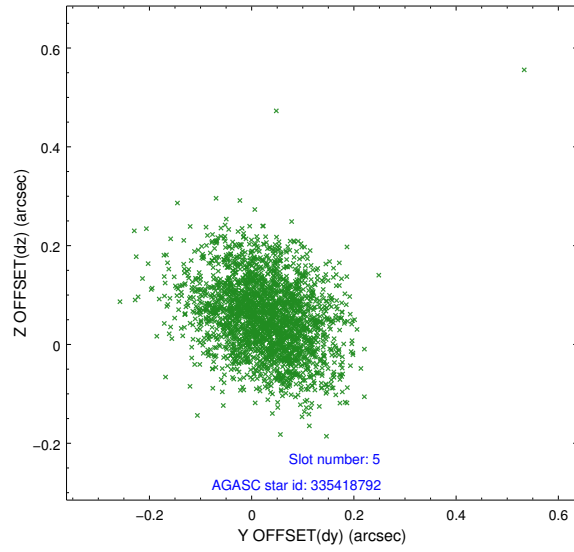
2.4.1 Slot 3



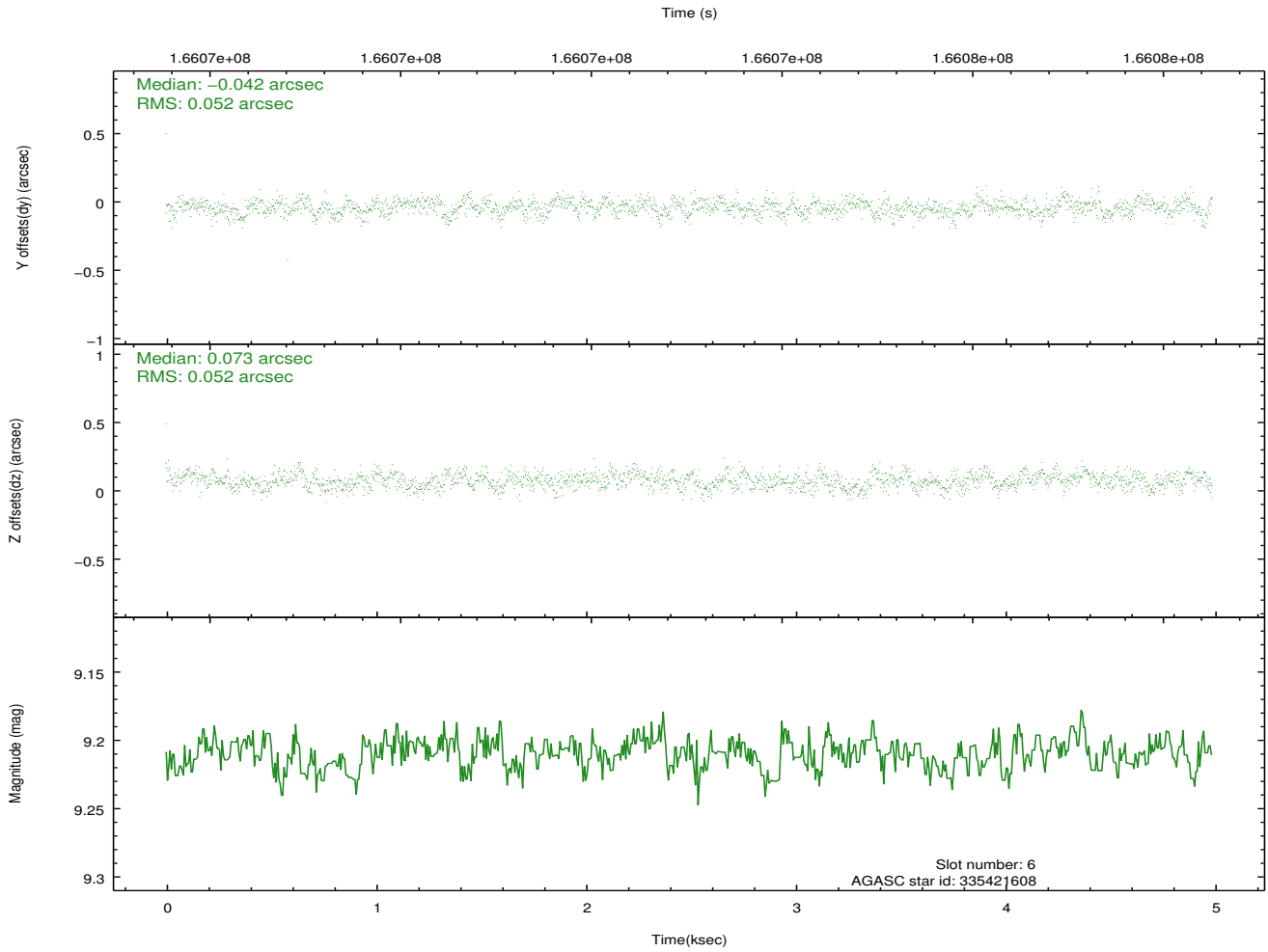
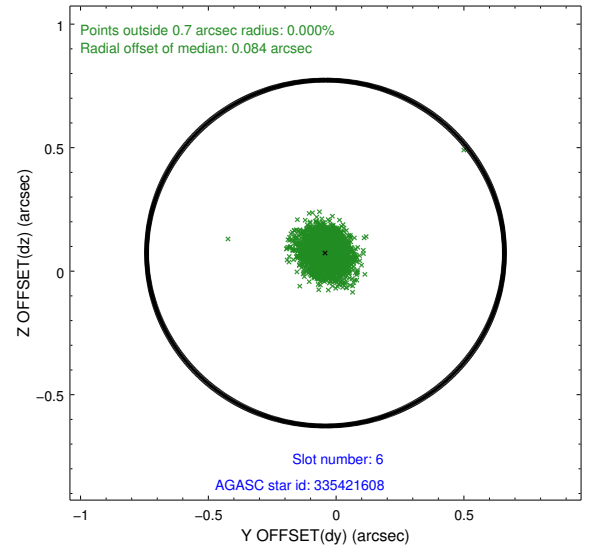
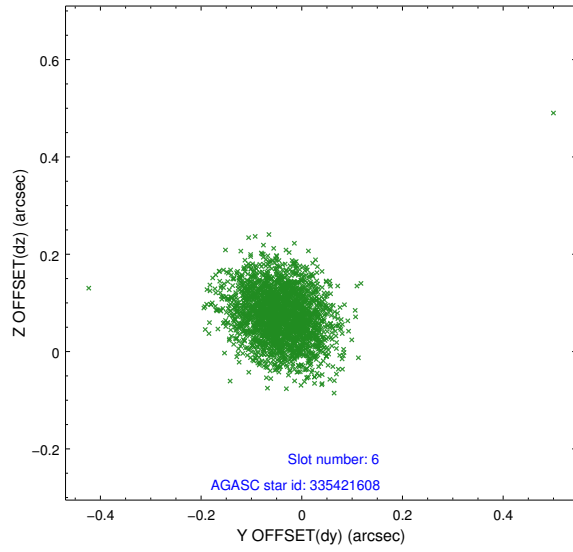
2.4.2 Slot 4



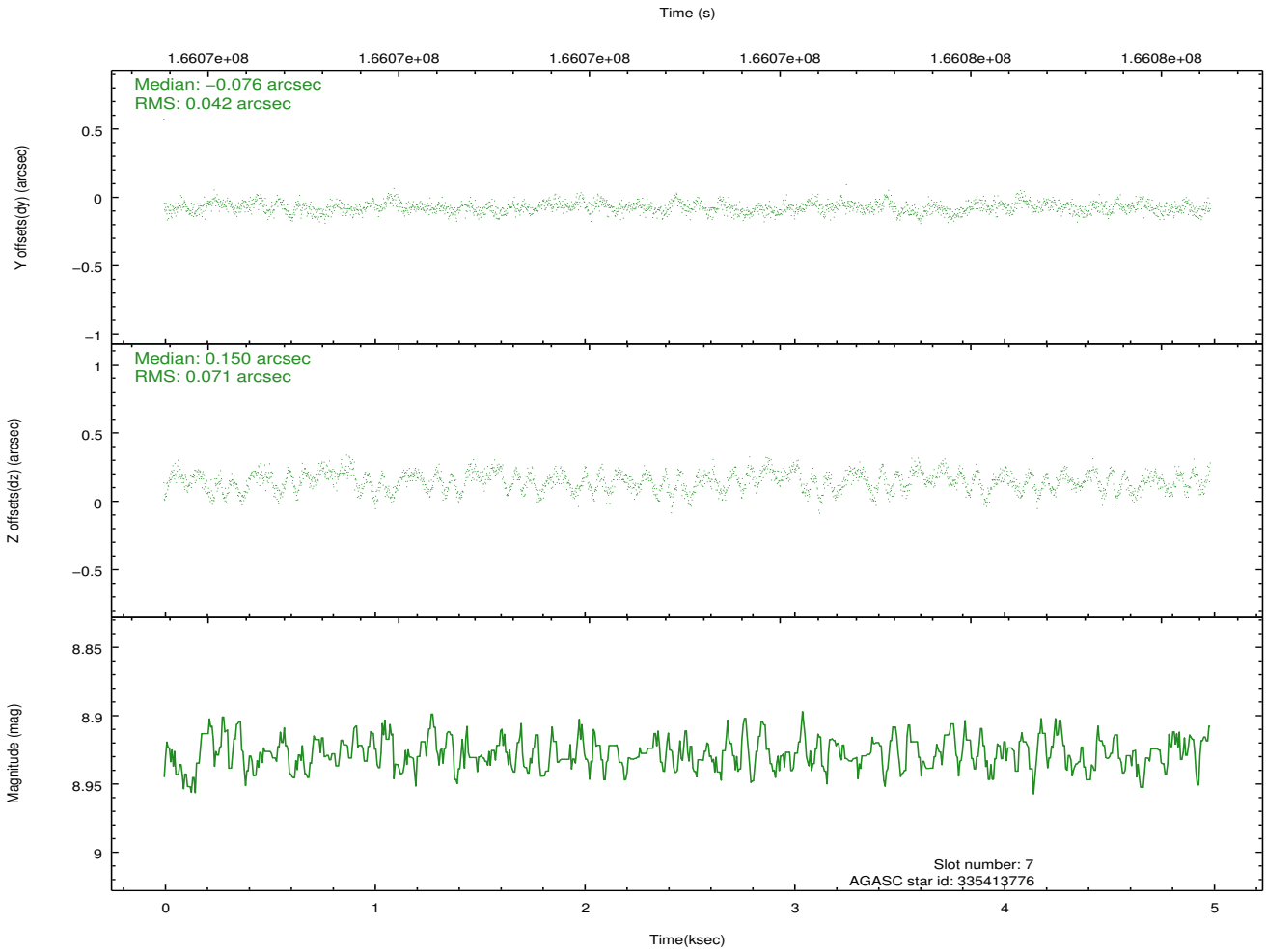
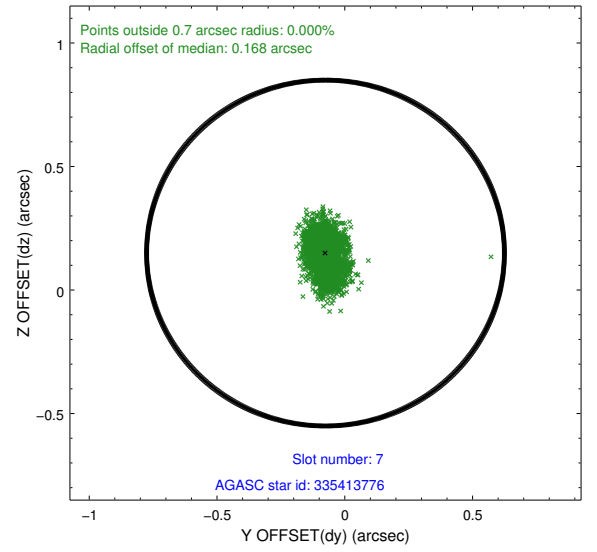
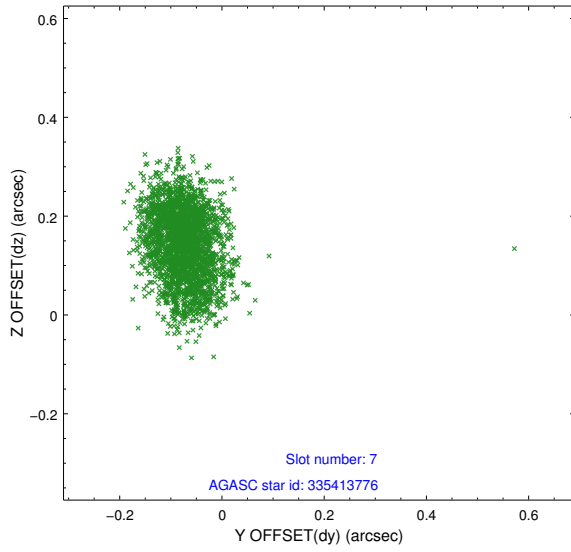
2.4.3 Slot 5



2.4.4 Slot 6

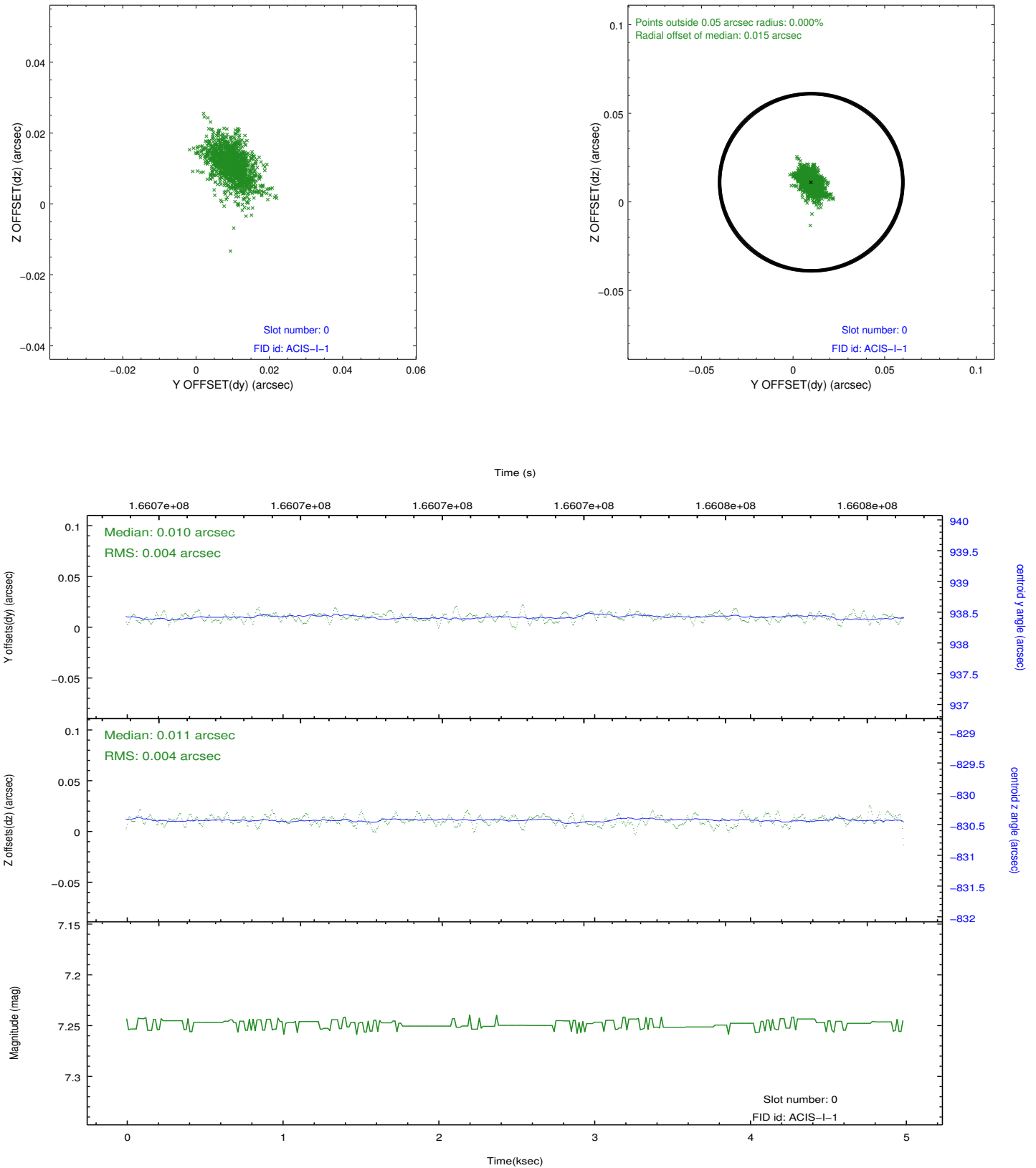


2.4.5 Slot 7

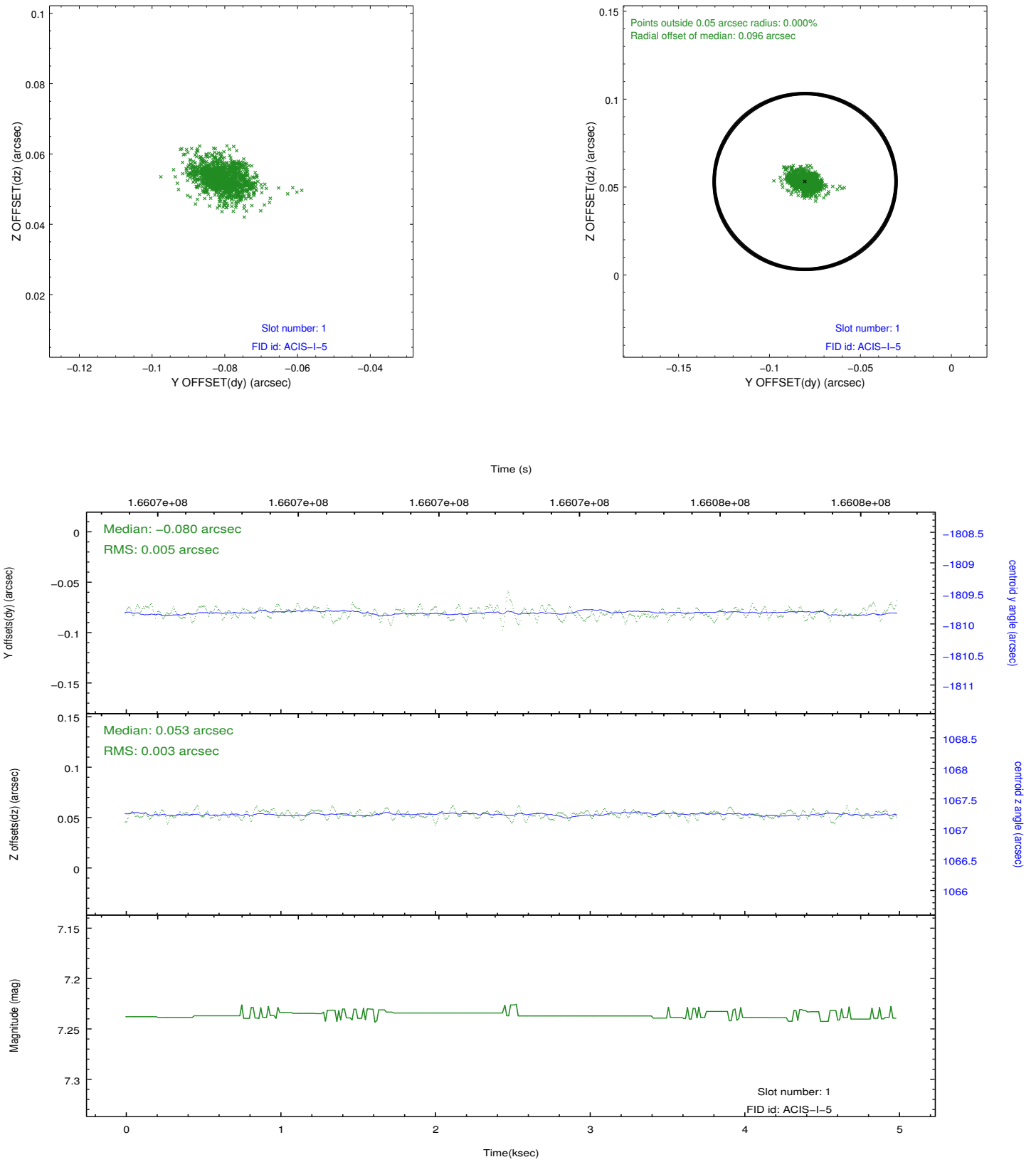


2.5 FID Slots

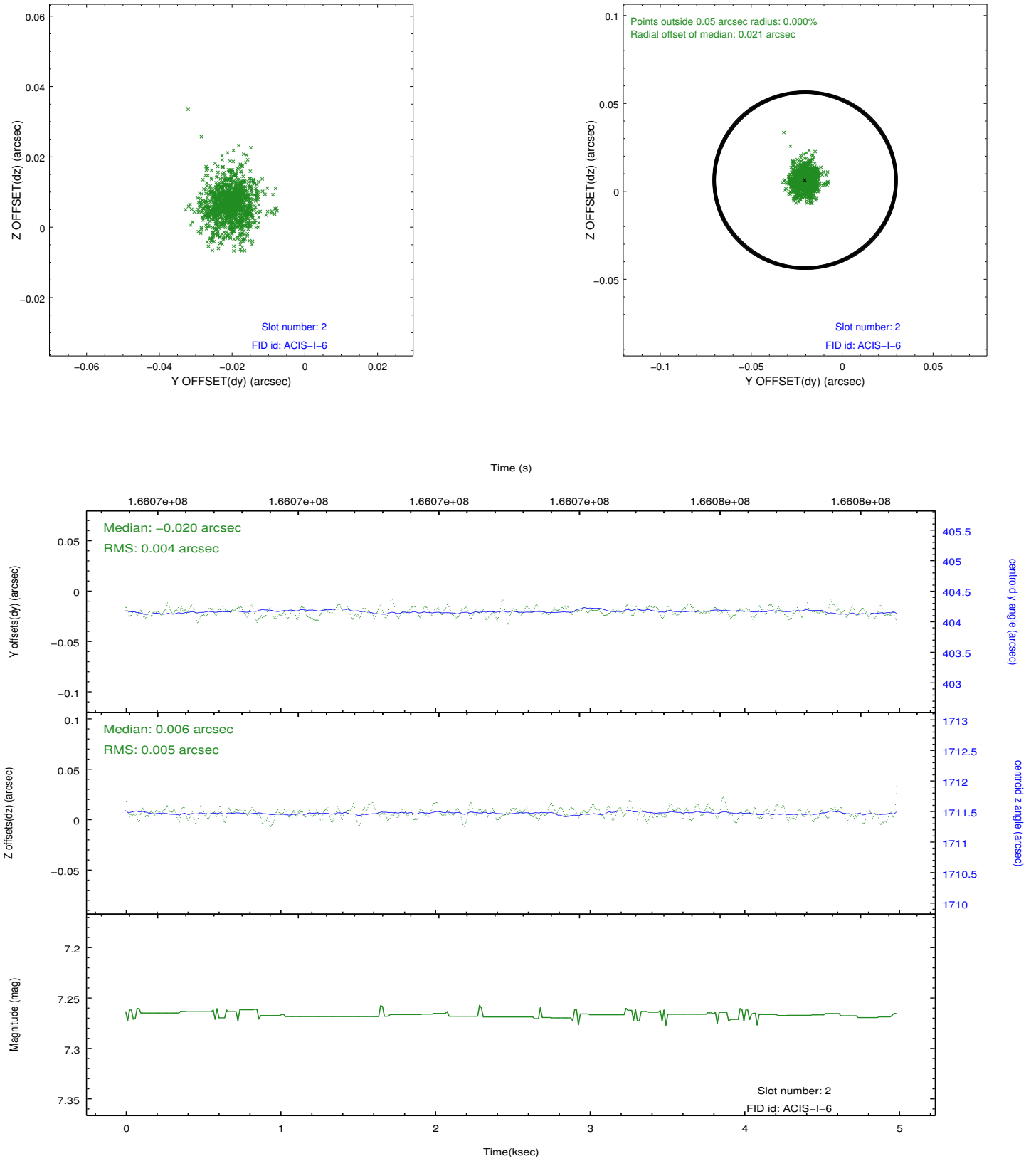
2.5.1 Slot 0



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)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.575

A.2 Comments