

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3632 - L2 Version 3
Chandra X-Ray Center

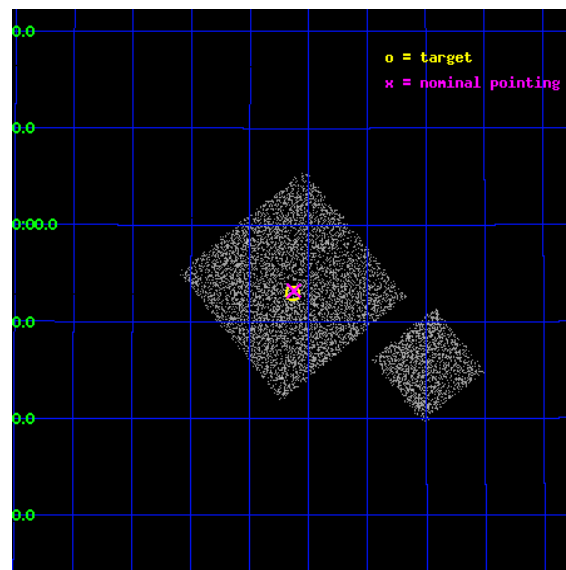
L2 Processing Date : Oct 25 2012

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1 Front

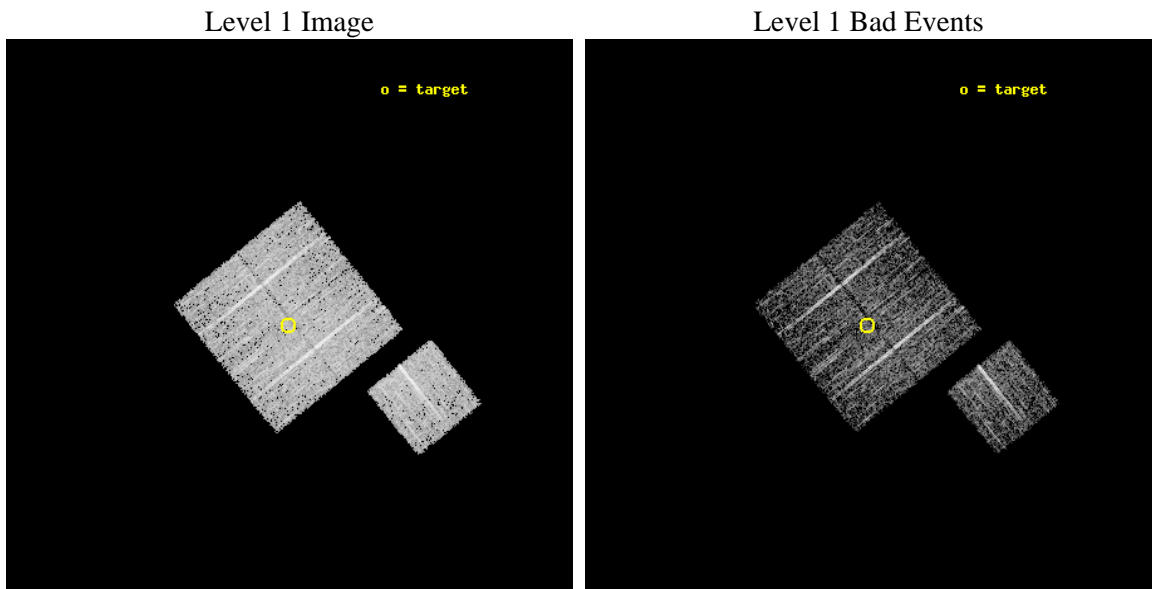
seq_num	900232	Sequence number
obs_id	3632	Observation id
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NOAO FIELD F18	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.034014	Observer's specified target RA [deg]
dec_targ	34.882776	Observer's specified target Dec [deg]
ra_nom	218.0313437352	Nominal RA [deg]
dec_nom	34.88678227711	Nominal Dec [deg]
roll_nom	141.01021974597	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4673.9161241353	Sum of GTIs [s]
livetime	4612.8479690864	Livetime [s]
ontime0	4673.7930041254	Sum of GTIs [s]
ontime1	4673.8340441287	Sum of GTIs [s]
ontime2	4670.7340839803	Sum of GTIs [s]
ontime3	4673.9161241353	Sum of GTIs [s]
ontime6	4673.7519641221	Sum of GTIs [s]
l2events	9441	Number of level 2 events



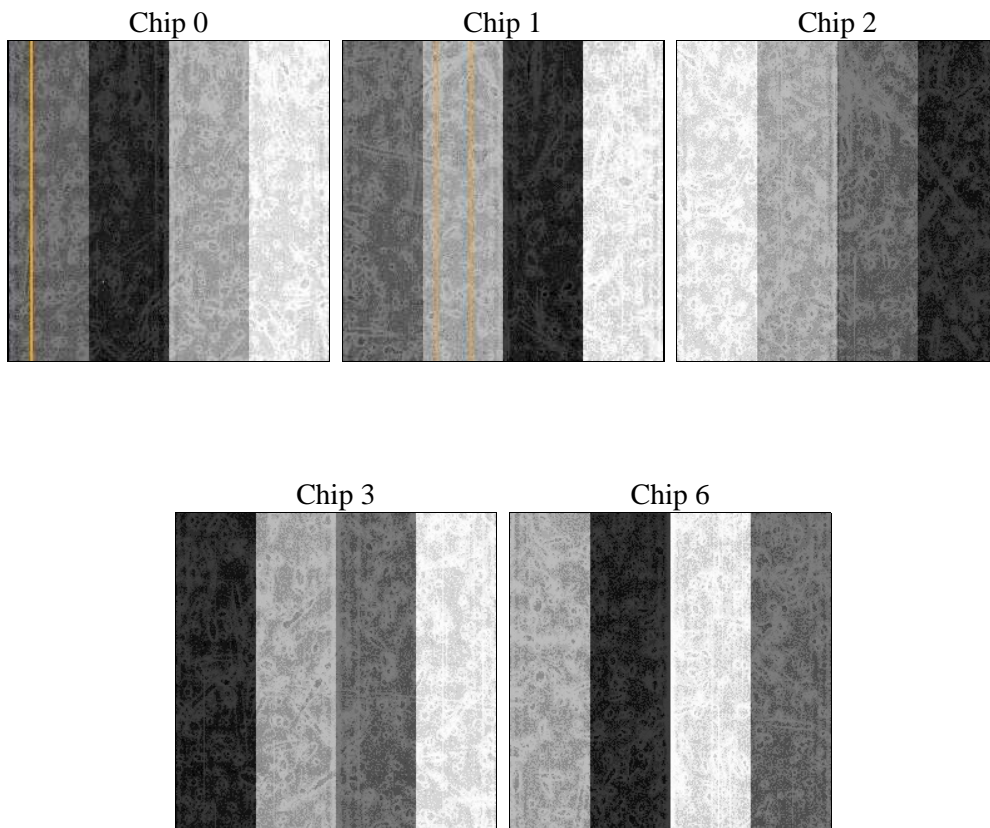
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4673.9161241353	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4673.7930041254	Sum of GTIs [s]
date	2012-10-25T22:59:23	Date and time of file creation	ontime1	4673.8340441287	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4670.7340839803	Sum of GTIs [s]
			ontime3	4673.9161241353	Sum of GTIs [s]
			ontime6	4673.7519641221	Sum of GTIs [s]
			l1events	114973	Number of level 1 events

2.1.4 Events

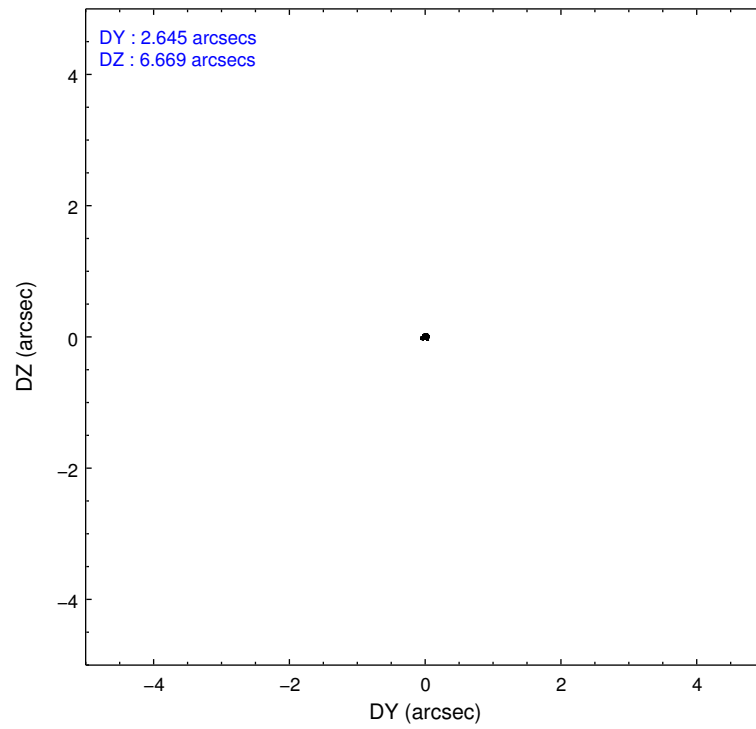
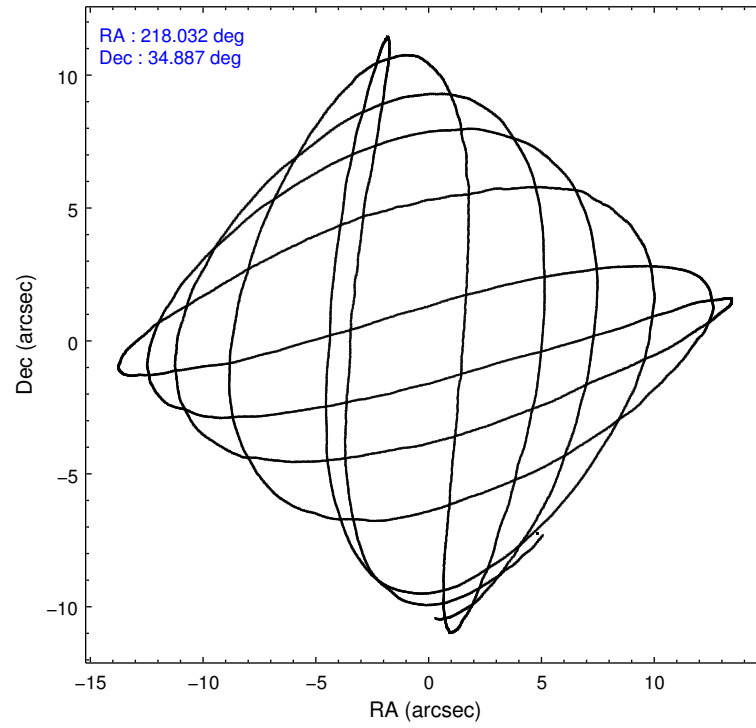
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21497	21479	24569	23416	24012
rejected events	19259	19025	22341	21145	21601
rejected %	89%	88%	90%	90%	89%

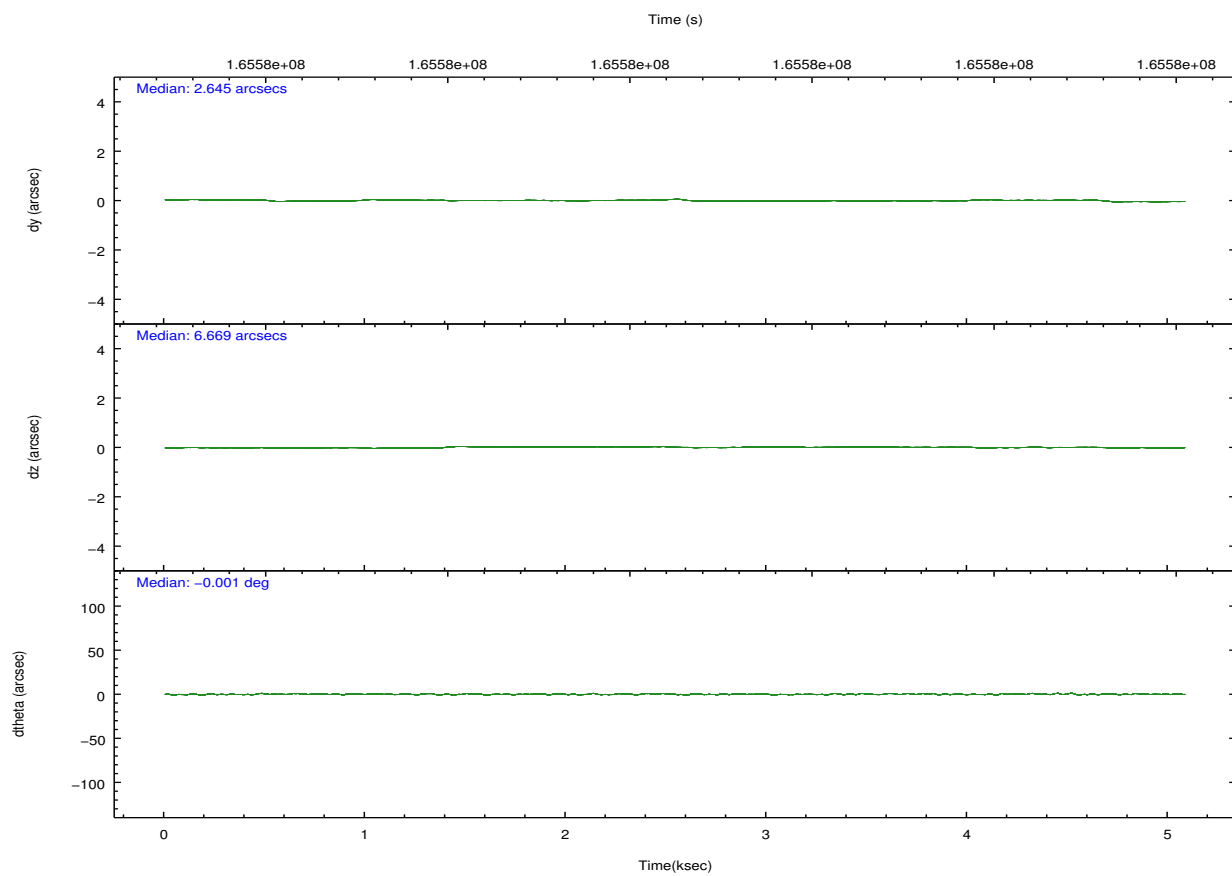
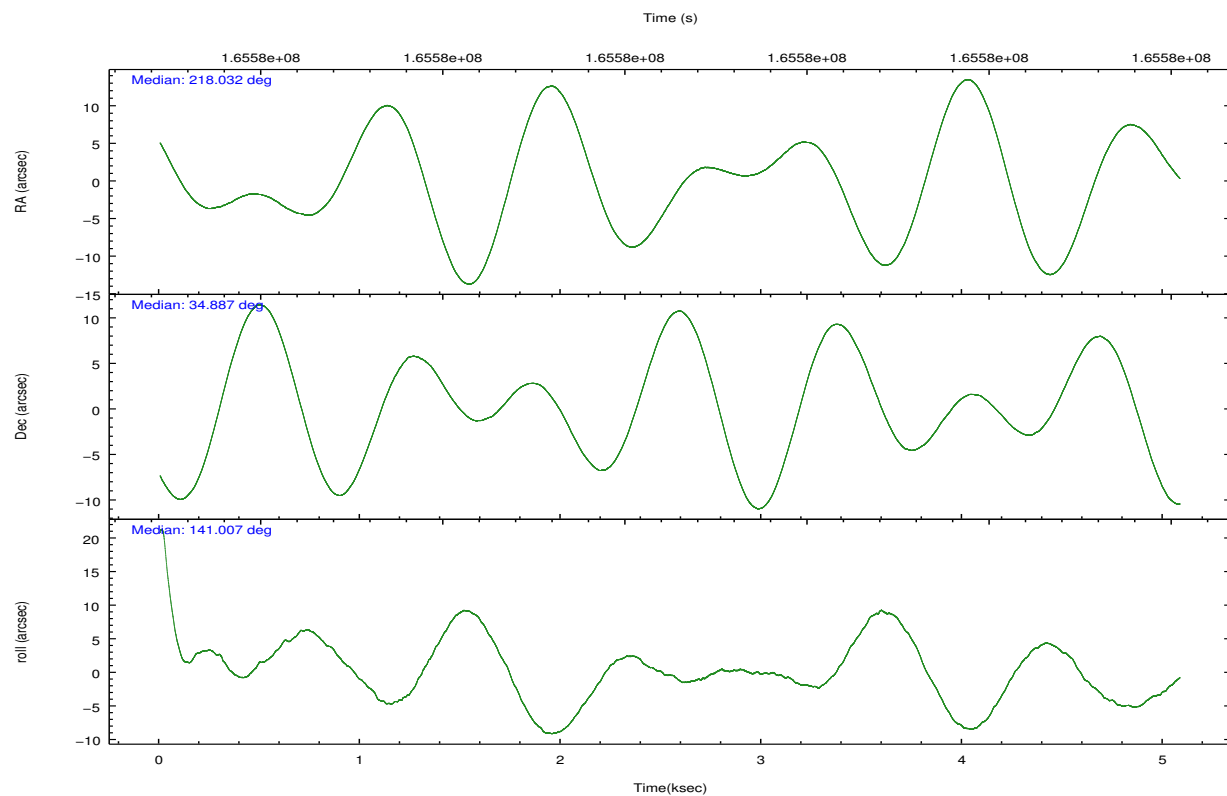
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	813	901	844	873	903
	3%	4%	3%	3%	3%
grade 1 events	12	11	17	10	8
	0%	0%	0%	0%	0%
grade 2 events	525	497	498	445	501
	2%	2%	2%	1%	2%
grade 3 events	273	308	251	292	282
	1%	1%	1%	1%	1%
grade 4 events	240	306	240	265	278
	1%	1%	0%	1%	1%
grade 5 events	670	742	648	771	759
	3%	3%	2%	3%	3%
grade 6 events	387	447	401	400	453
	1%	2%	1%	1%	1%
grade 7 events	18577	18267	21670	20360	20828
	86%	85%	88%	86%	86%

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	218.064346	218.0313437352004	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.882692	34.88678227711026	Alternating exposures requested	N	N
[deg] Pointing Roll	140.782648	141.0102197459726	[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)	165576894.184000	165576517.63278			
Observation start date	2003-04-01T09:33:50	2003-04-01T09:28:37			
[s] Observation end time (MET)	165581794.184000	165581927.58301			
Observation end date	2003-04-01T10:55:30	2003-04-01T10:58:47			
Read mode	TIMED	TIMED			

2.3 Aspect



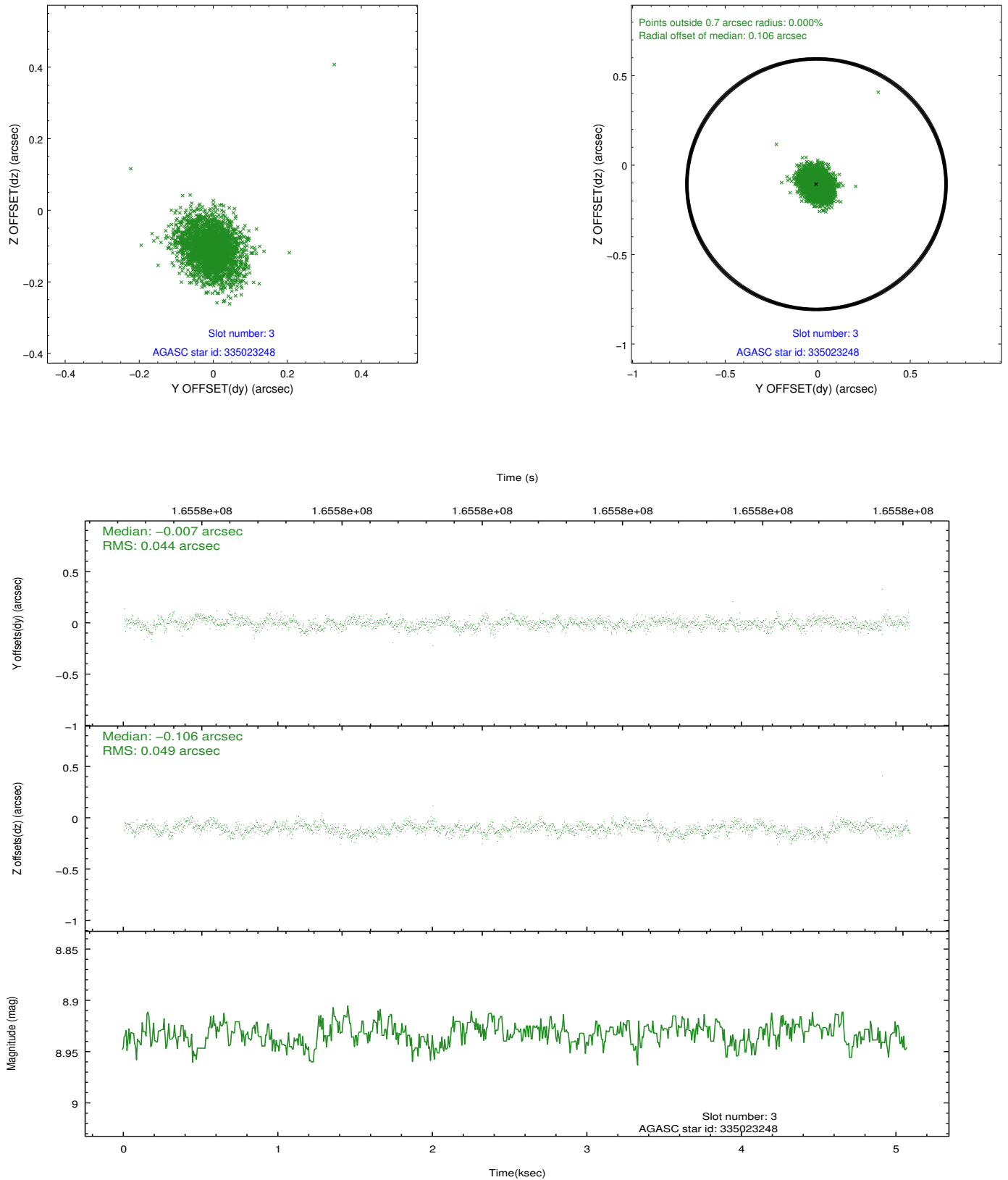


Slot Statistics

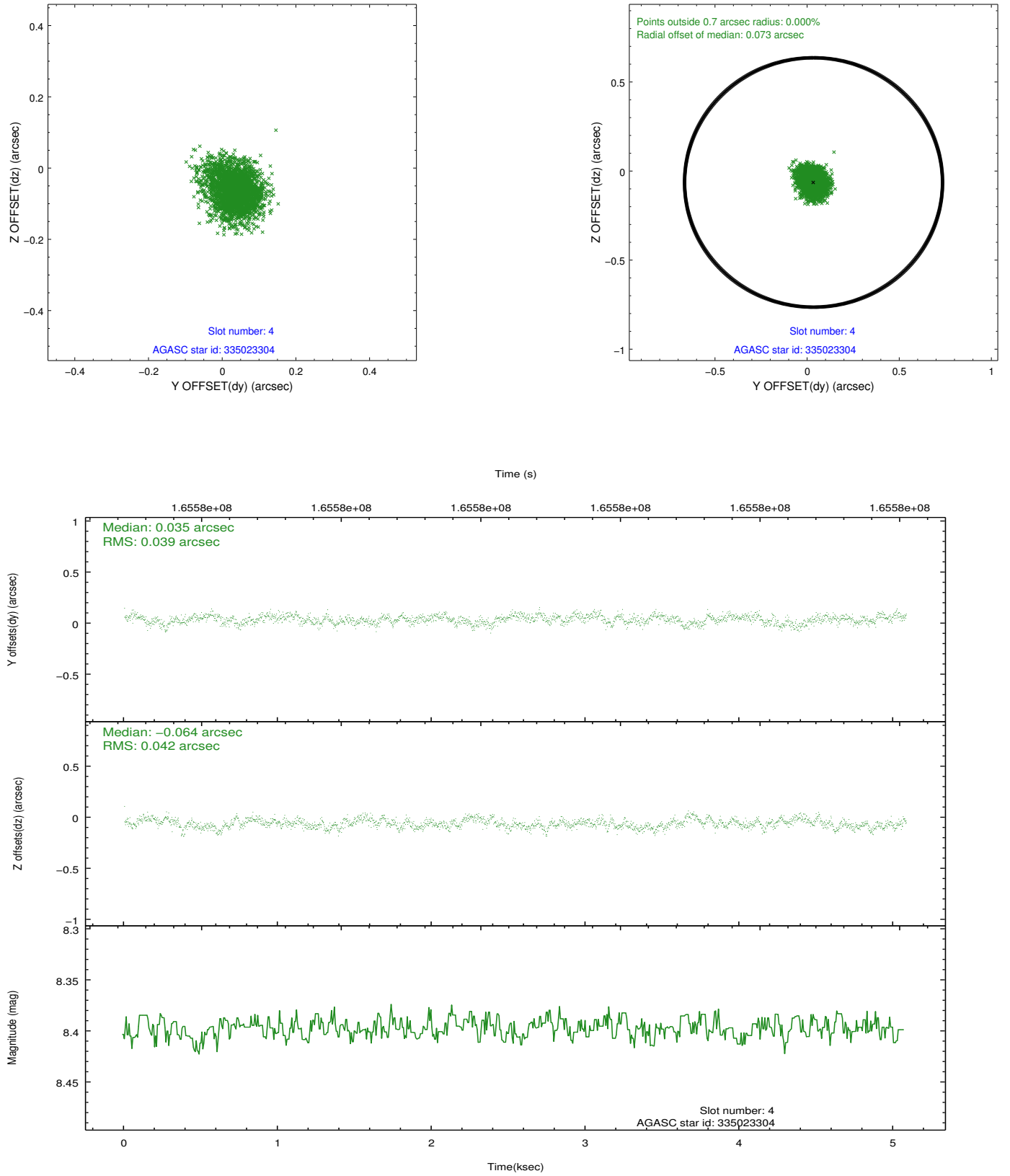
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1240	0.014	-0.007	0.006	0.010	0.000000	0.000000	937.16	-830.08
1	FID	ACIS-I-5	7.24	1240	-0.084	0.053	0.006	0.010	0.000000	0.000000	-1810.35	1066.93
2	FID	ACIS-I-6	7.26	1240	-0.022	0.024	0.007	0.011	0.000000	0.000000	401.42	1712.72
3	GUIDE	335023248	8.93	2479	-0.007	-0.106	0.069	0.112	217.634832	34.944512	1124.80	626.81
4	GUIDE	335023304	8.40	2480	0.035	-0.064	0.061	0.100	218.883608	34.686545	-2318.16	-993.88
5	GUIDE	335414336	8.96	2480	-0.113	0.098	0.083	0.132	218.979022	35.090910	-1606.27	-2294.20
6	GUIDE	335417968	9.40	2479	0.001	0.037	0.087	0.142	217.358149	35.055285	2009.59	828.00
7	GUIDE	335421696	8.96	2476	0.080	0.031	0.094	0.159	218.045699	35.772449	2068.75	-2446.80

2.4 Star Slots

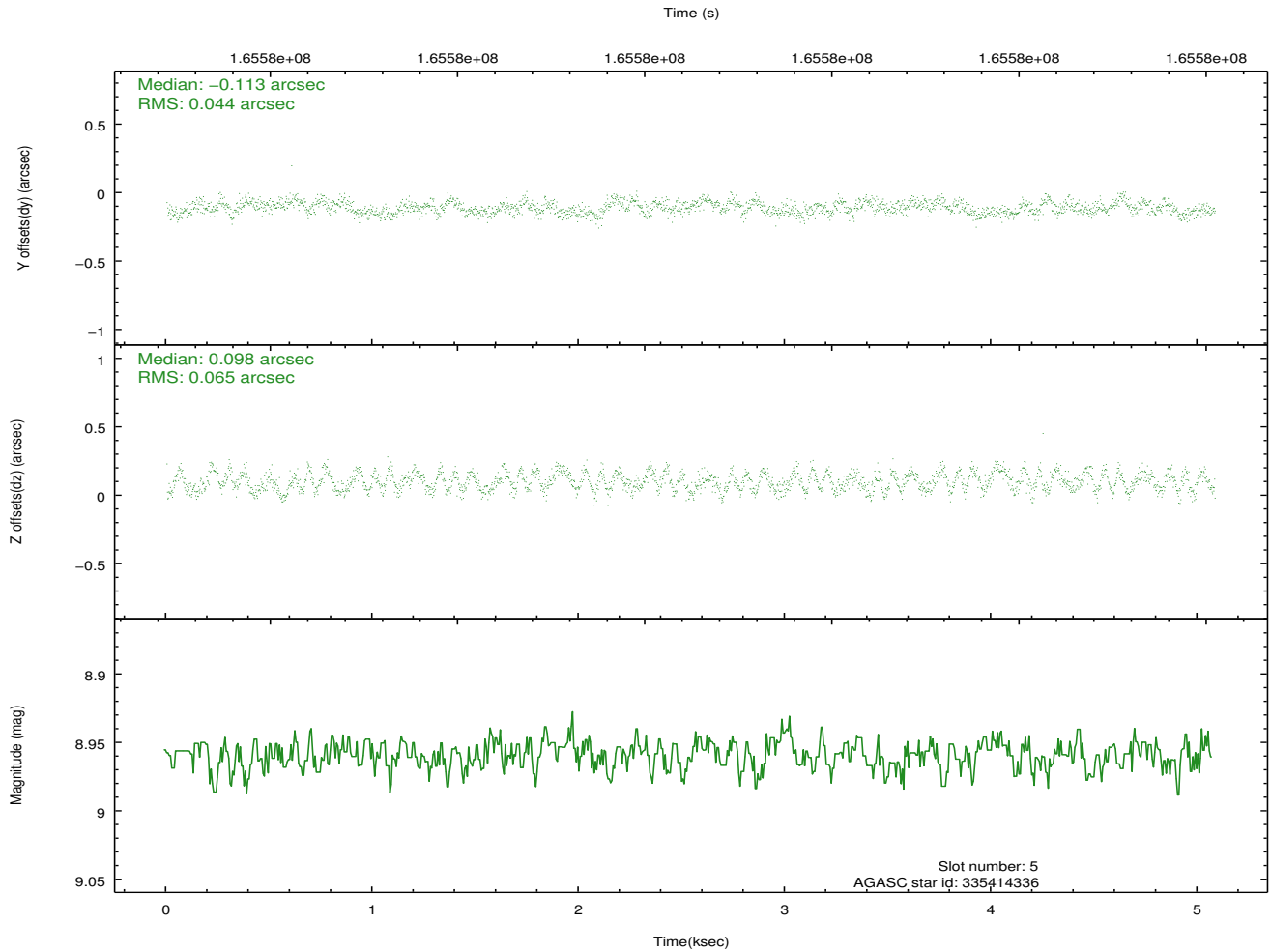
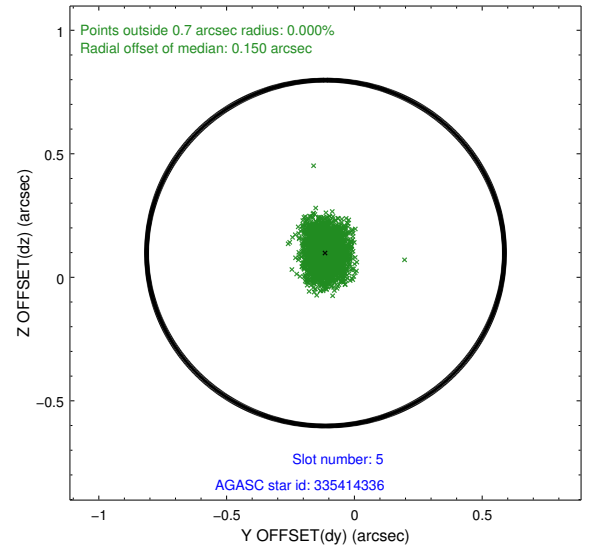
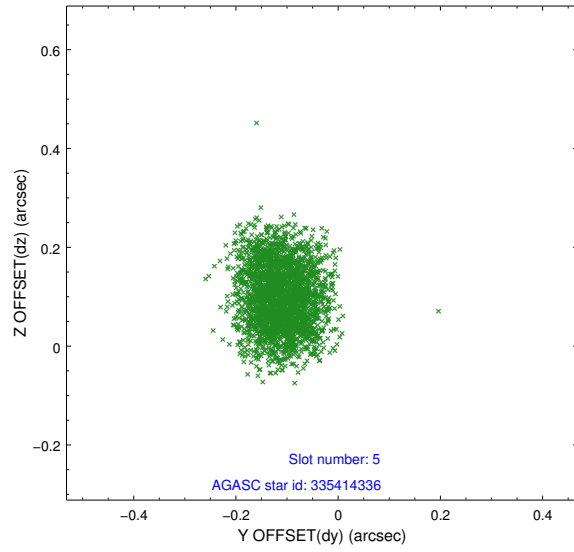
2.4.1 Slot 3



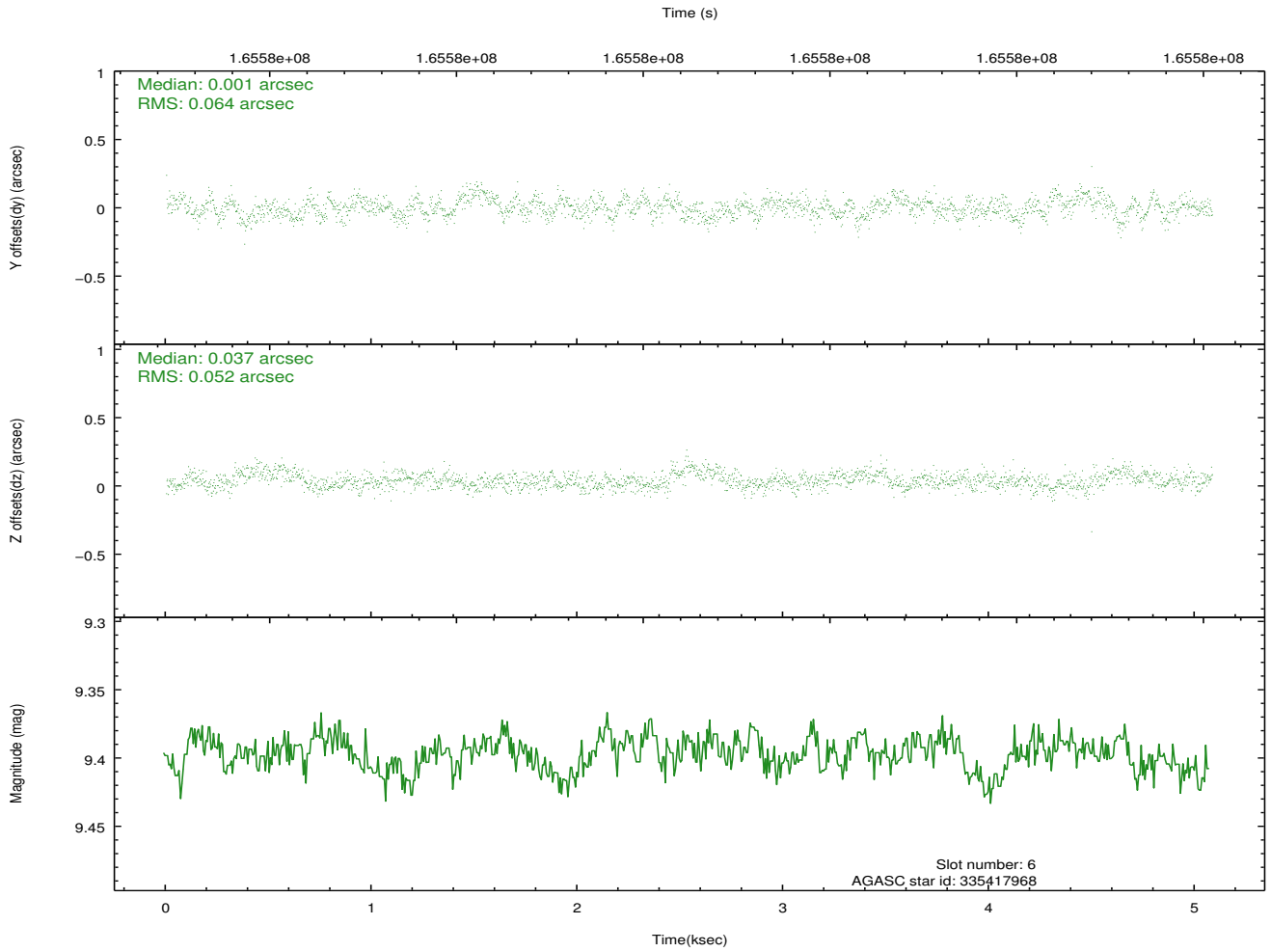
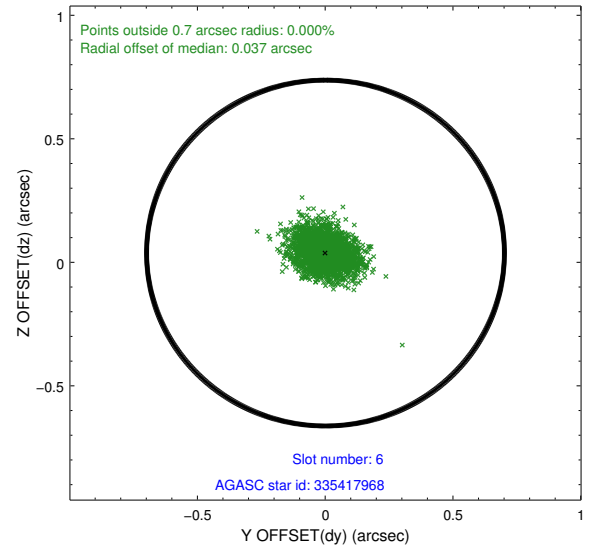
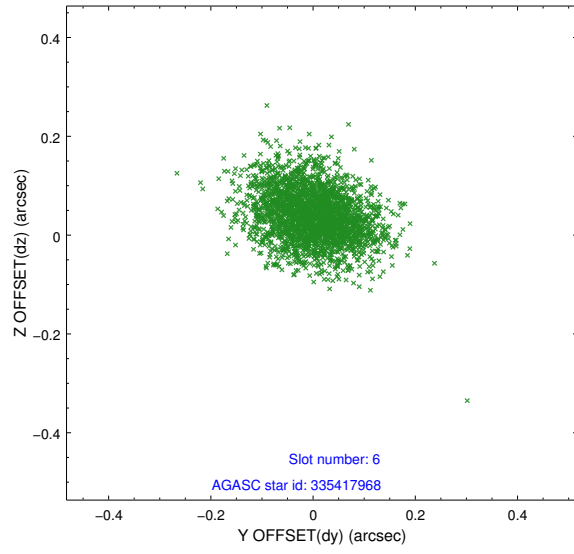
2.4.2 Slot 4



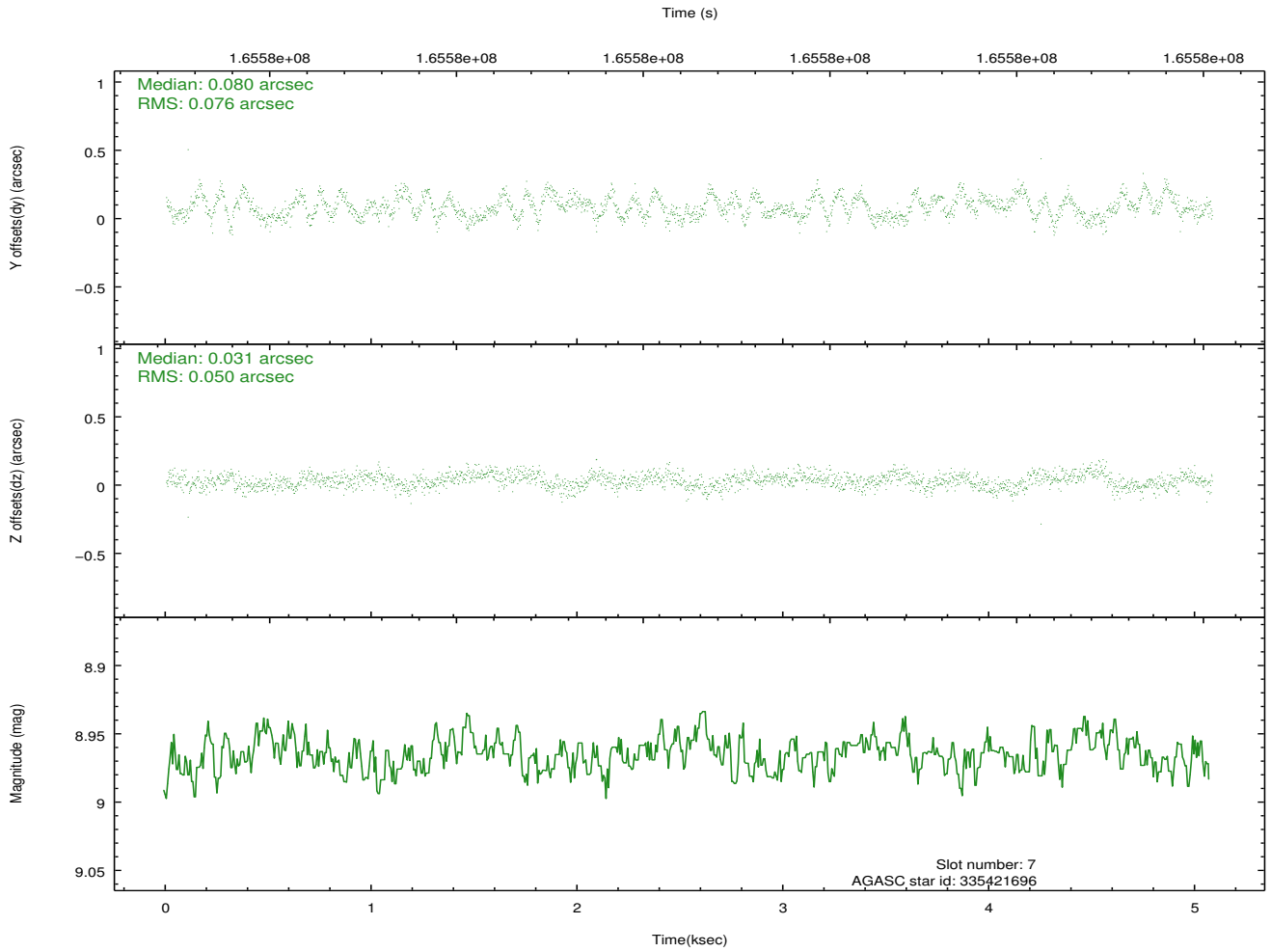
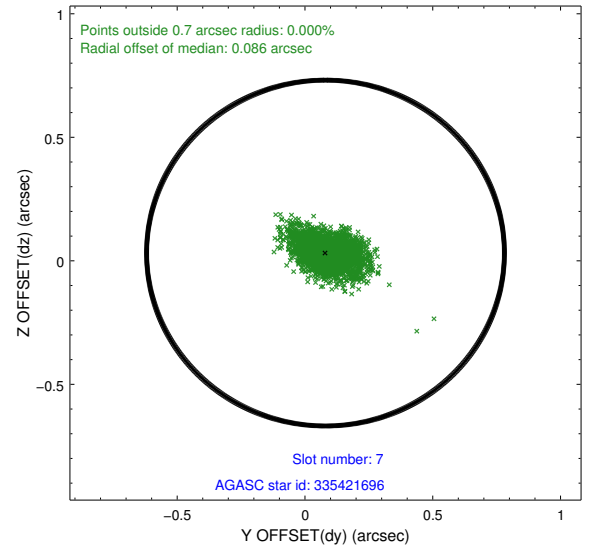
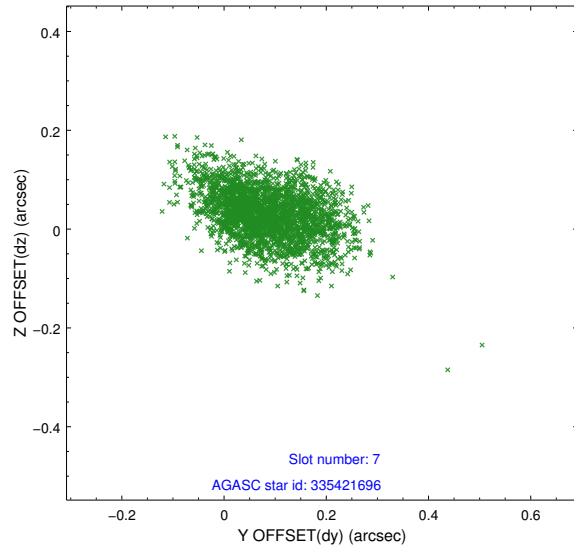
2.4.3 Slot 5



2.4.4 Slot 6

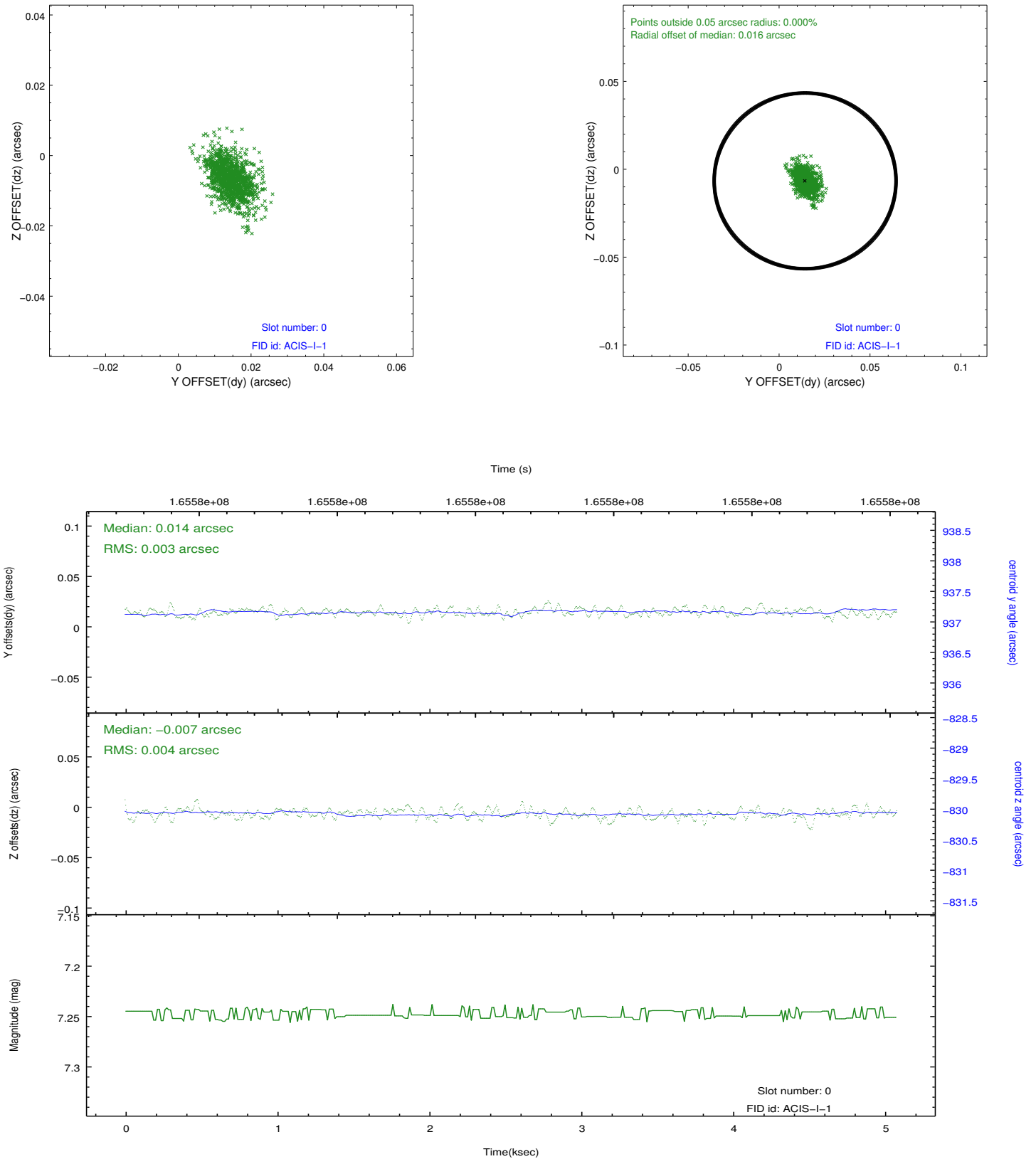


2.4.5 Slot 7

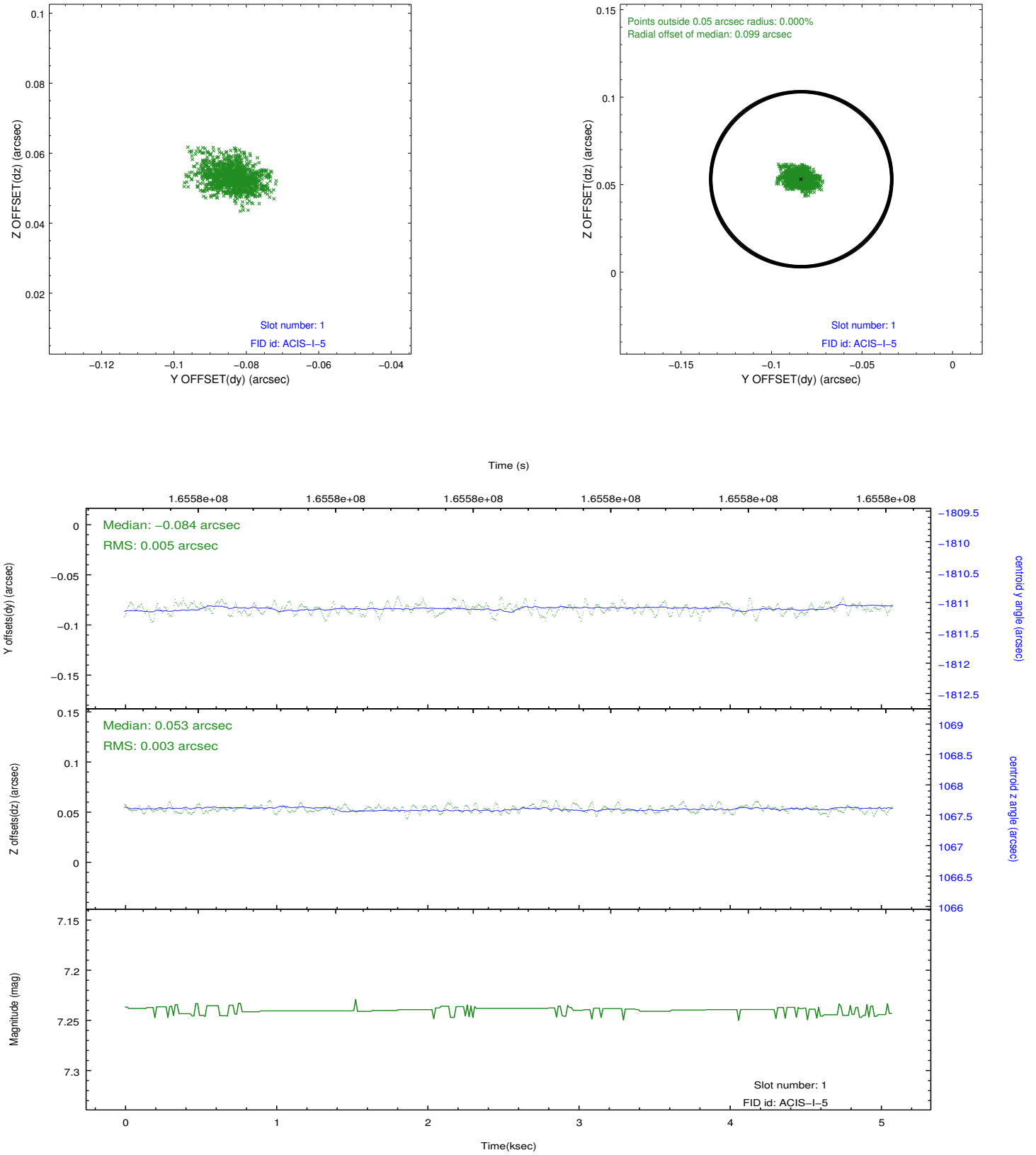


2.5 FID Slots

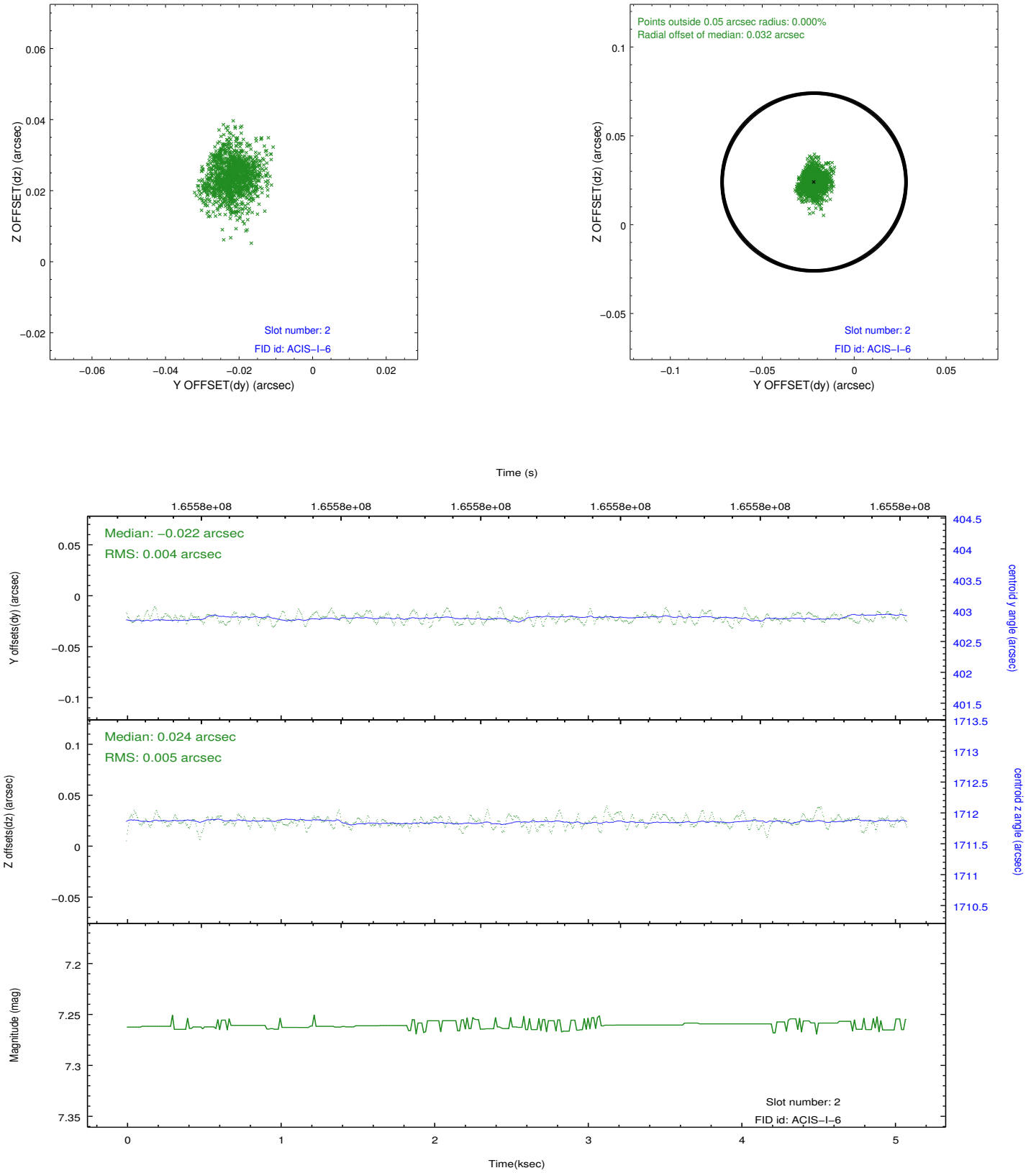
2.5.1 Slot 0



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)	2012.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.674

A.2 Comments