

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4246 - L2 Version 4
Chandra X-Ray Center

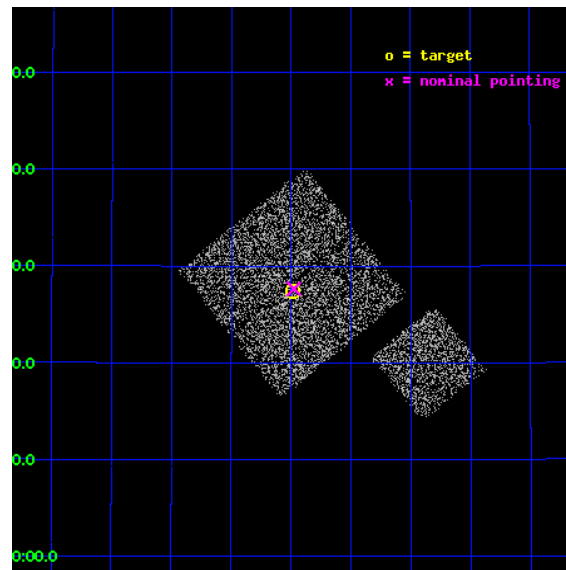
L2 Processing Date : Oct 25 2012

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1 Front

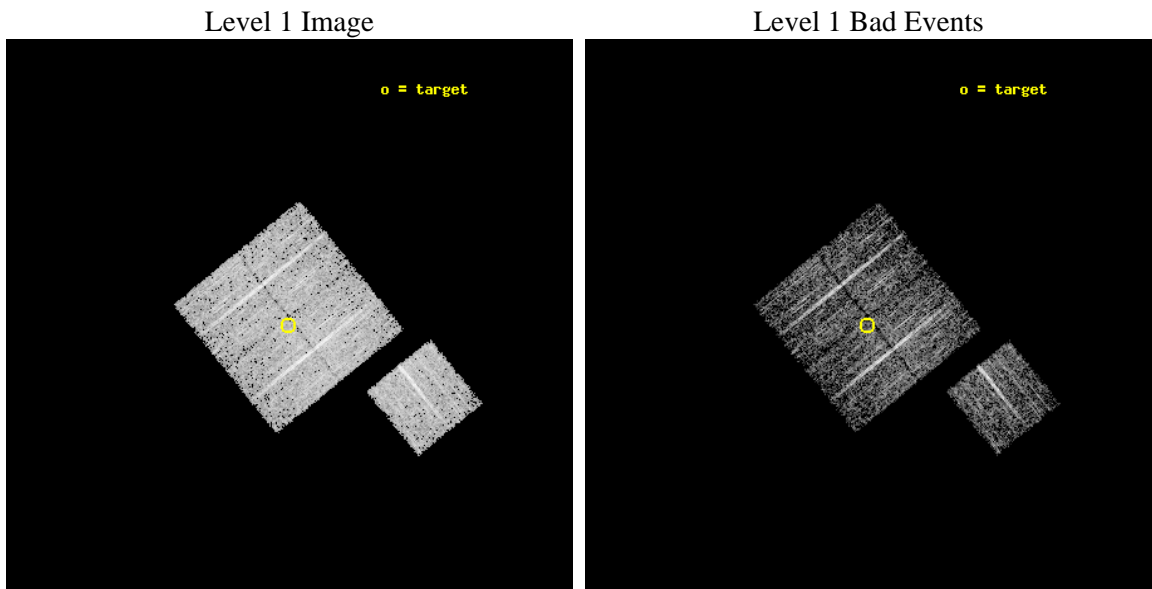
seq_num	900289	Sequence number
obs_id	4246	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SD39	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.246914	Observer's specified target RA [deg]
dec_targ	33.456918	Observer's specified target Dec [deg]
ra_nom	218.24420617404	Nominal RA [deg]
dec_nom	33.460996343544	Nominal Dec [deg]
roll_nom	141.00982844108	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4776.6124344766	Sum of GTIs [s]
livetime	4714.2024765293	Livetime [s]
ontime0	4776.4893144667	Sum of GTIs [s]
ontime1	4776.53035447	Sum of GTIs [s]
ontime2	4776.5713944733	Sum of GTIs [s]
ontime3	4776.6124344766	Sum of GTIs [s]
ontime6	4776.4482744634	Sum of GTIs [s]
l2events	9511	Number of level 2 events



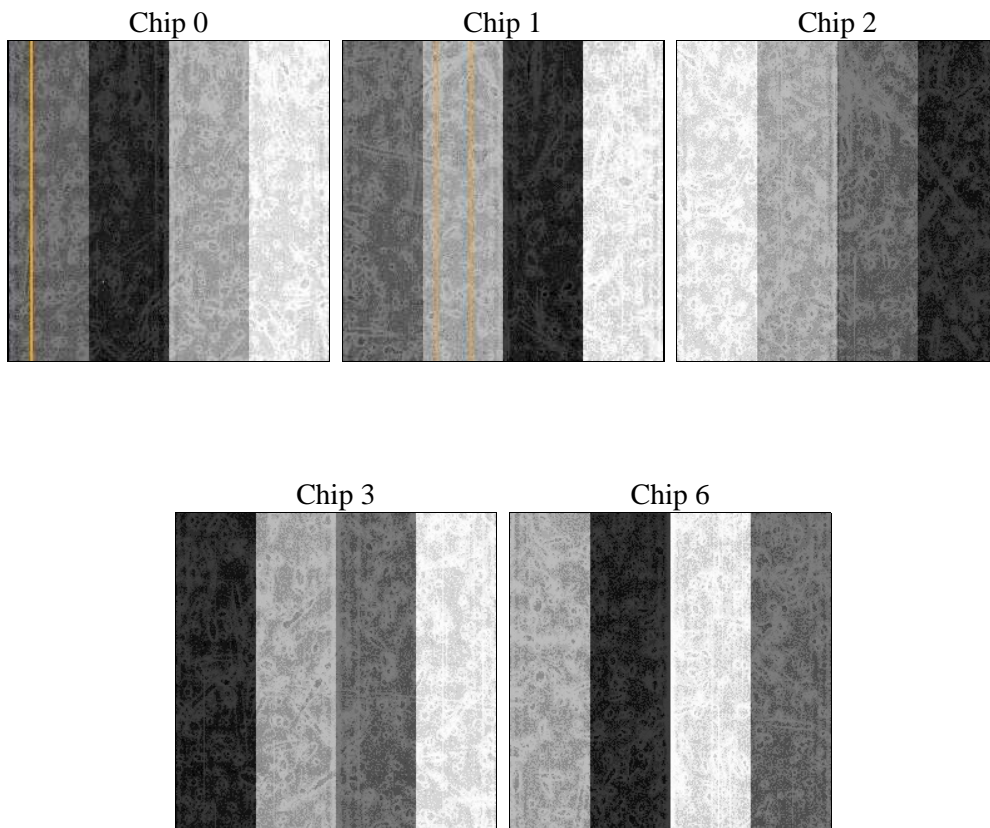
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4776.6124344766	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.4893144667	Sum of GTIs [s]
date	2012-10-25T23:00:47	Date and time of file creation	ontime1	4776.53035447	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	4776.5713944733	Sum of GTIs [s]
			ontime3	4776.6124344766	Sum of GTIs [s]
			ontime6	4776.4482744634	Sum of GTIs [s]
			l1events	115997	Number of level 1 events

2.1.4 Events

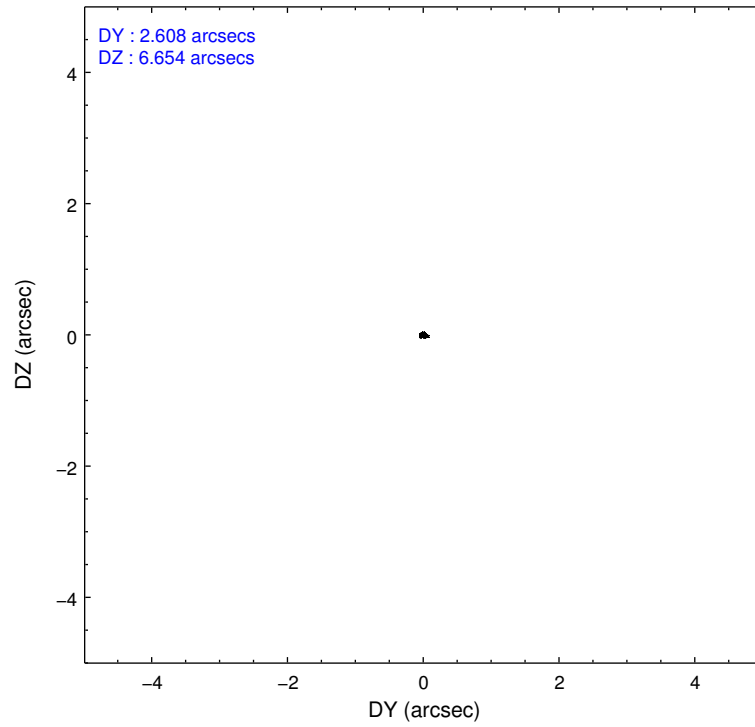
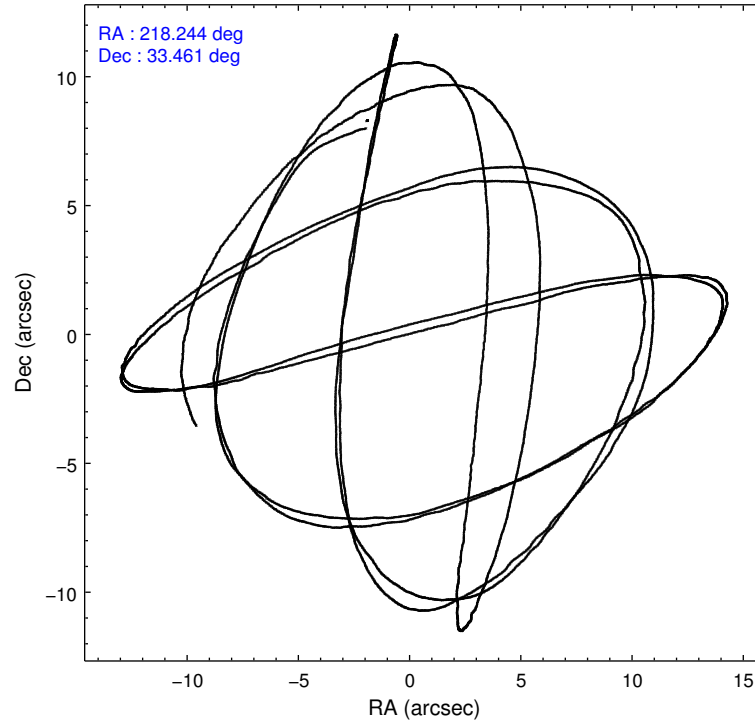
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22306	22316	25375	22664	23336
rejected events	19924	19878	23145	20424	20996
rejected %	89%	89%	91%	90%	89%

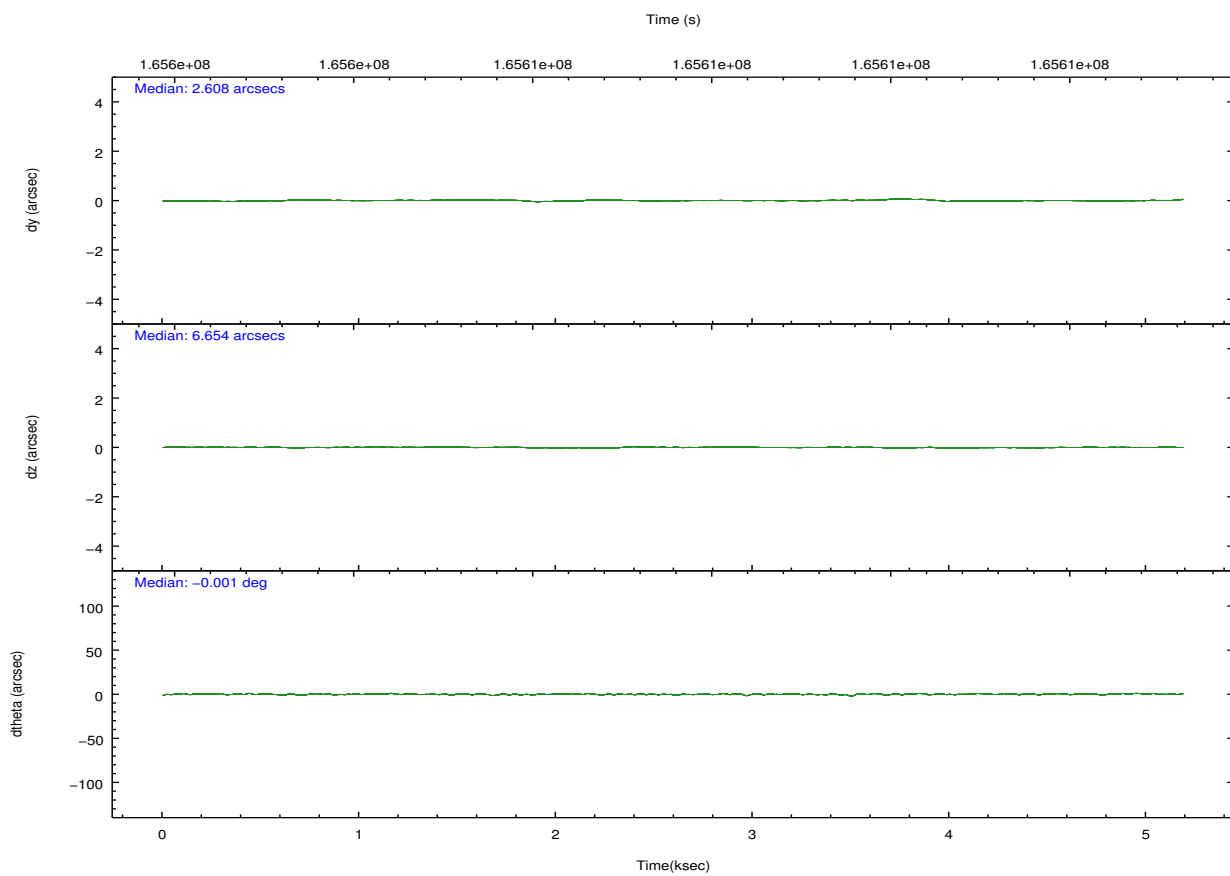
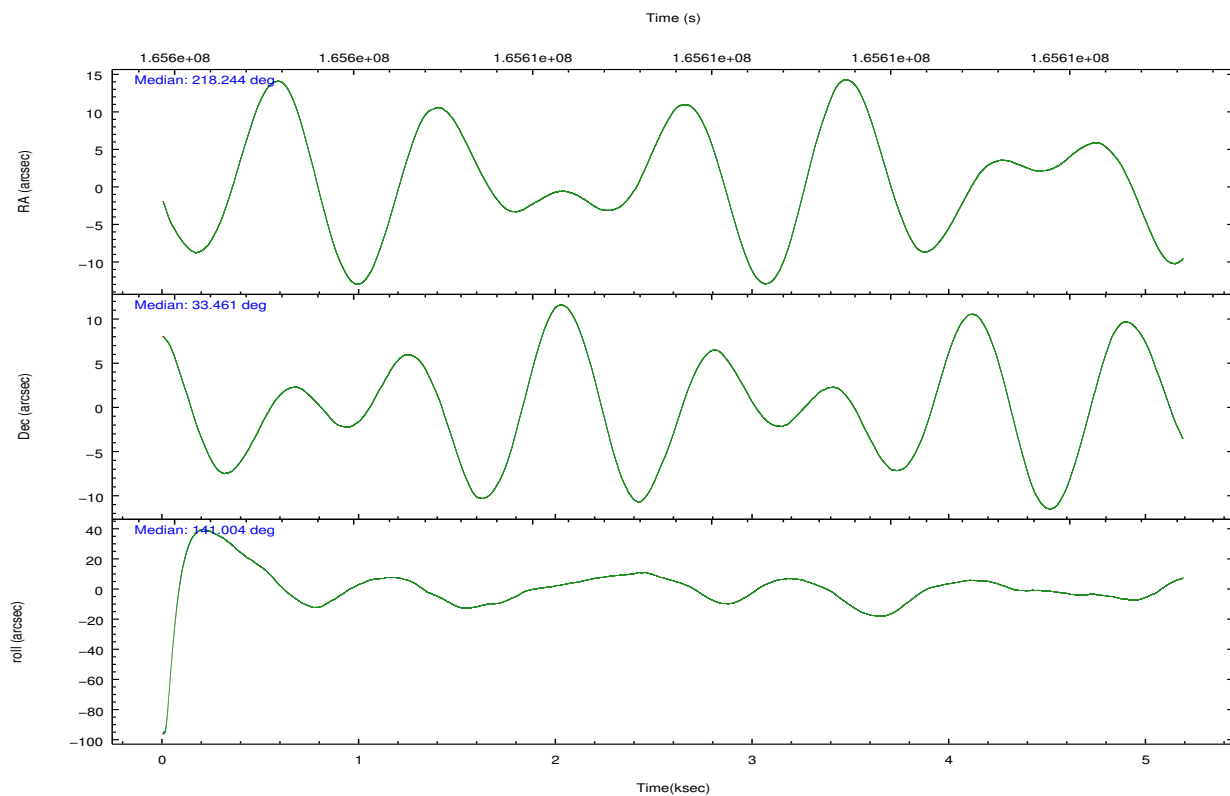
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	925	849	837	865	850
	4%	3%	3%	3%	3%
grade 1 events	9	16	12	12	13
	0%	0%	0%	0%	0%
grade 2 events	500	502	514	451	521
	2%	2%	2%	1%	2%
grade 3 events	289	282	251	266	250
	1%	1%	0%	1%	1%
grade 4 events	250	305	212	263	276
	1%	1%	0%	1%	1%
grade 5 events	639	743	643	770	764
	2%	3%	2%	3%	3%
grade 6 events	422	500	416	396	445
	1%	2%	1%	1%	1%
grade 7 events	19272	19119	22490	19641	20217
	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	218.276745	218.2442061740407	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.456834	33.46099634354402	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783559	141.0098284410827	[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)	165604383.184000	165604006.59644			
Observation start date	2003-04-01T17:11:59	2003-04-01T17:06:46			
[s] Observation end time (MET)	165609383.184000	165609516.48417			
Observation end date	2003-04-01T18:35:19	2003-04-01T18:38:36			
Read mode	TIMED	TIMED			

2.3 Aspect



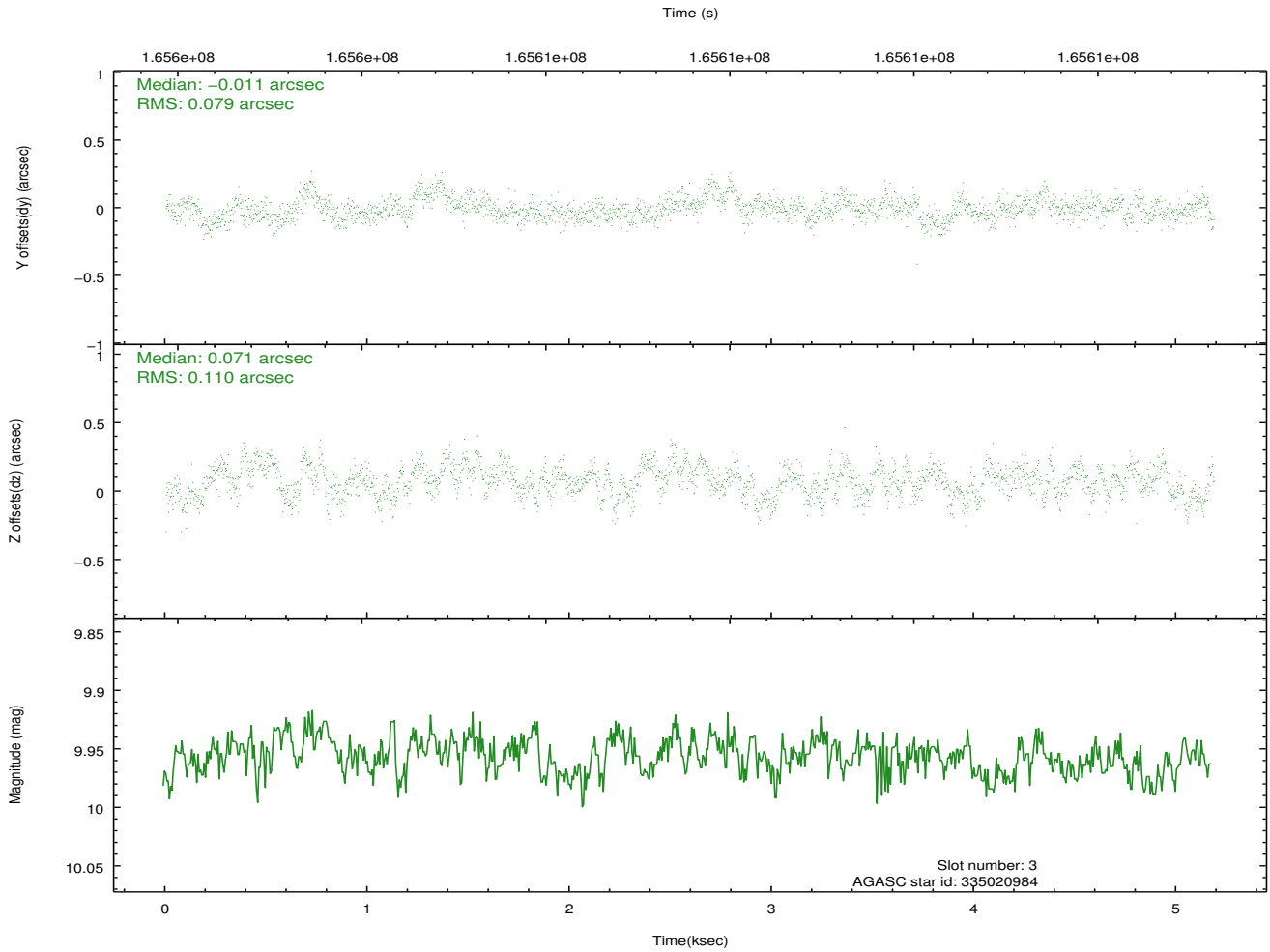
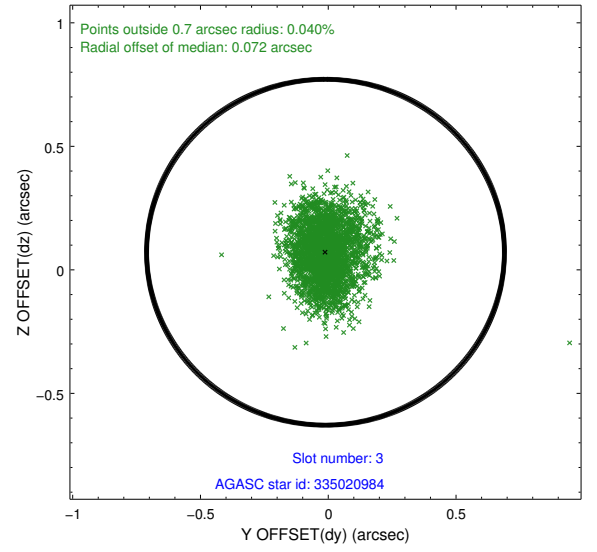
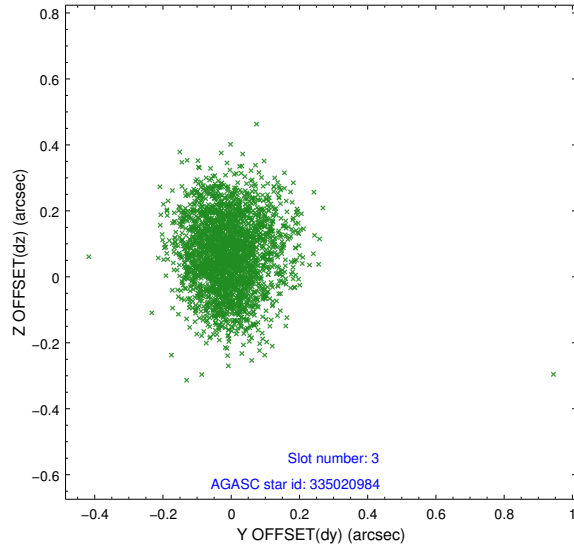


Slot Statistics

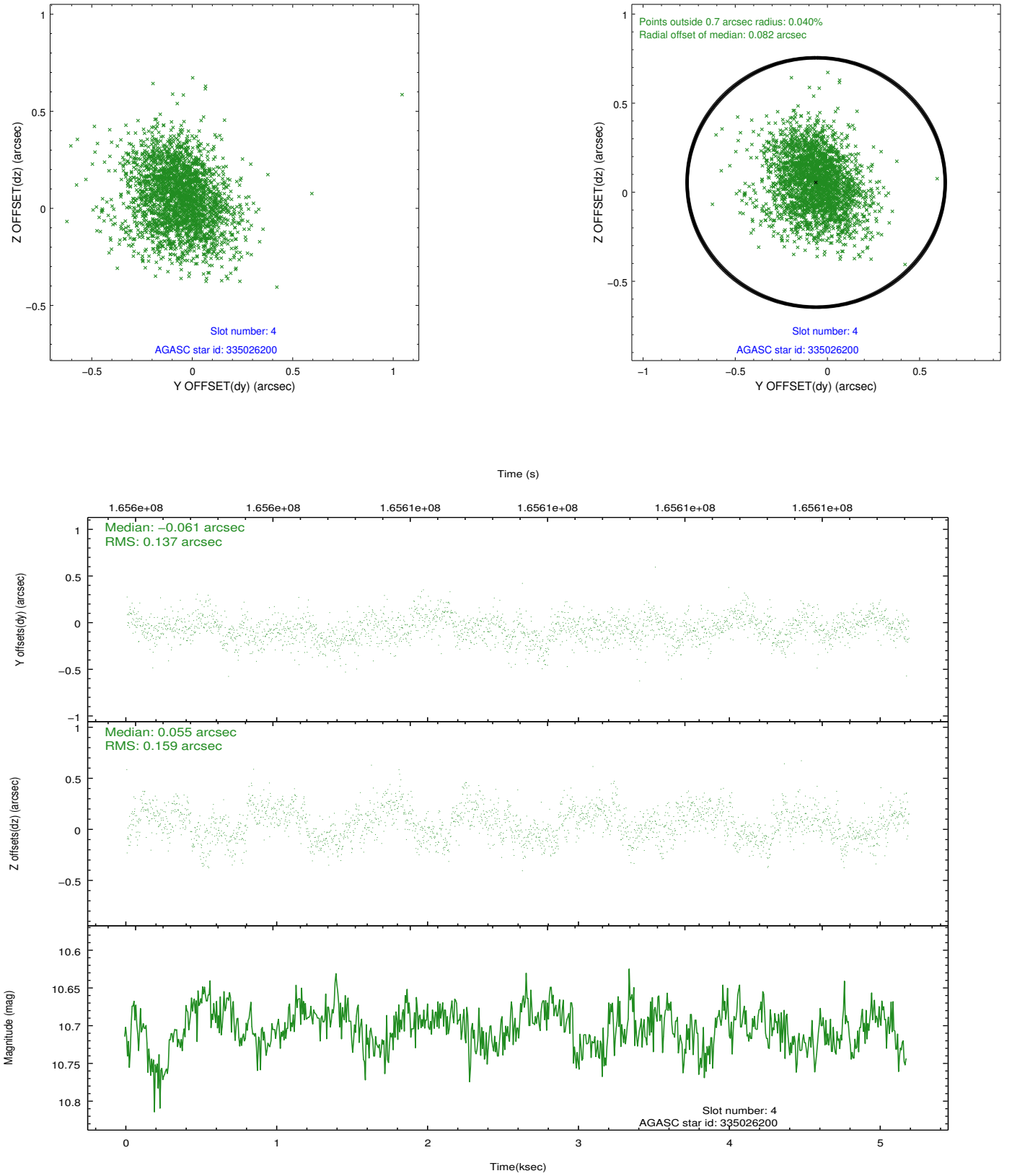
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1265	0.016	-0.009	0.006	0.012	0.000000	0.000000	937.20	-830.06
1	FID	ACIS-I-5	7.24	1265	-0.084	0.055	0.006	0.011	0.000000	0.000000	-1810.33	1066.96
2	FID	ACIS-I-6	7.26	1265	-0.023	0.024	0.007	0.012	0.000000	0.000000	401.48	1712.72
3	GUIDE	335020984	9.96	2530	-0.011	0.071	0.144	0.231	218.841668	33.815112	-490.12	-2071.42
4	GUIDE	335026200	10.70	2515	-0.061	0.055	0.220	0.365	218.096425	34.160577	2018.13	-1624.30
5	GUIDE	335027640	9.10	2528	0.104	0.029	0.113	0.176	218.092211	33.193770	-167.01	1084.06
6	GUIDE	335028616	9.97	2514	0.029	-0.059	0.124	0.208	218.529874	33.175085	-1232.04	303.15
7	GUIDE	335029384	8.49	2528	-0.065	-0.099	0.085	0.136	217.848061	33.088477	164.10	1842.79

2.4 Star Slots

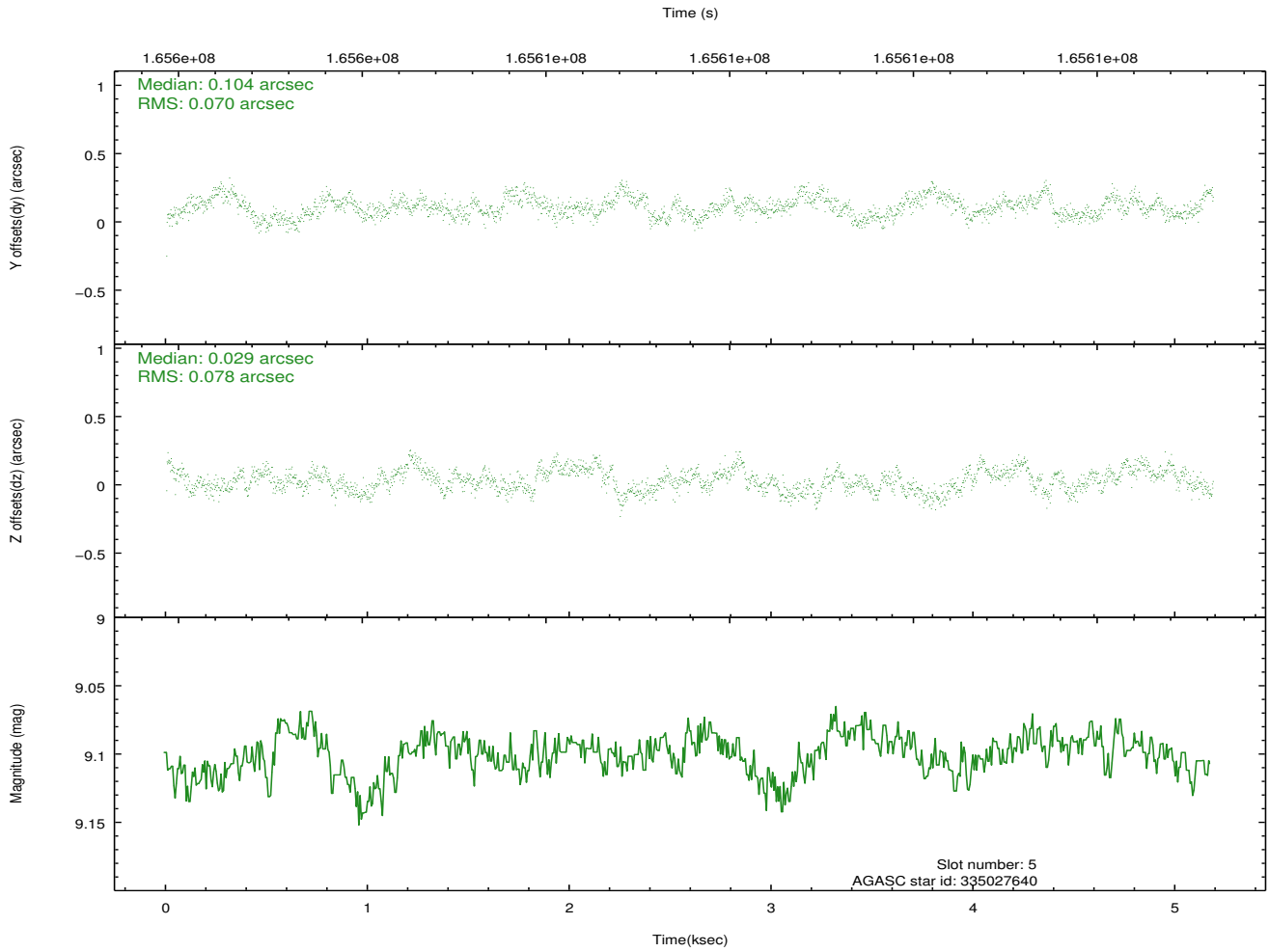
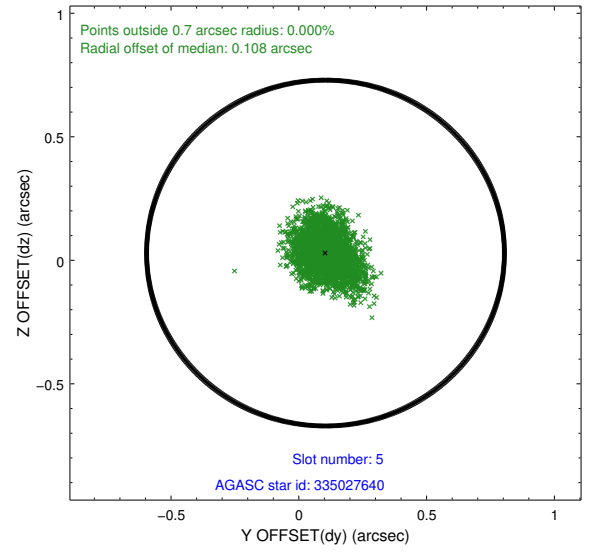
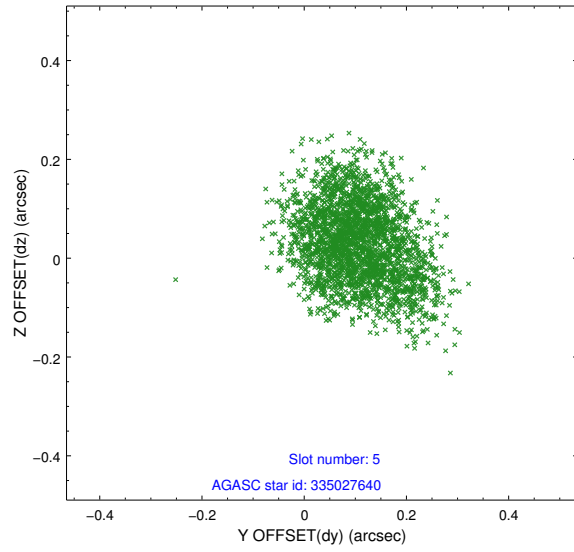
2.4.1 Slot 3



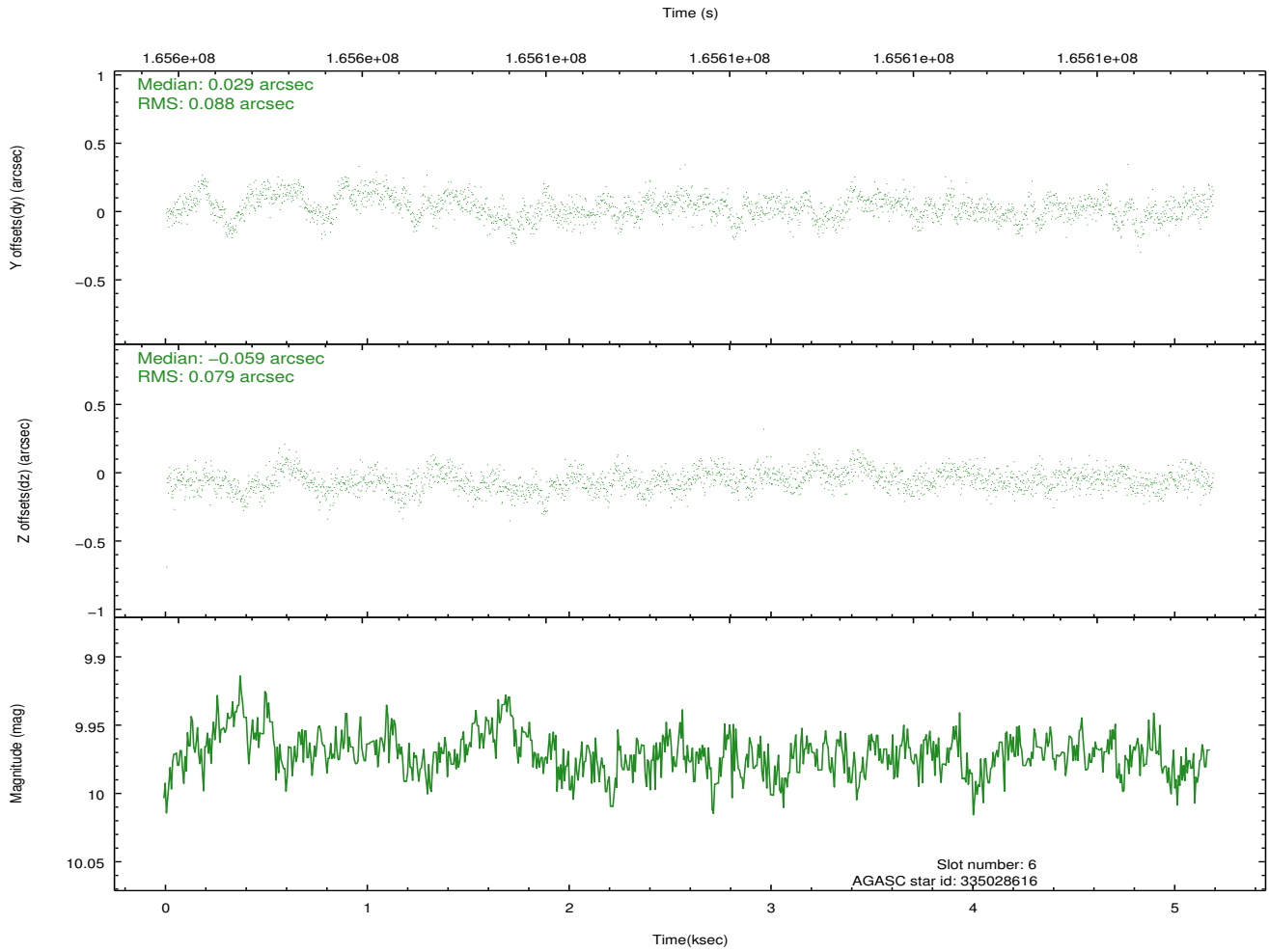
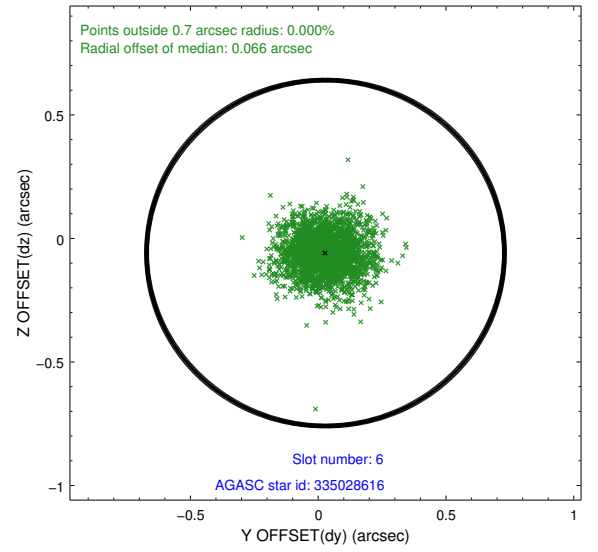
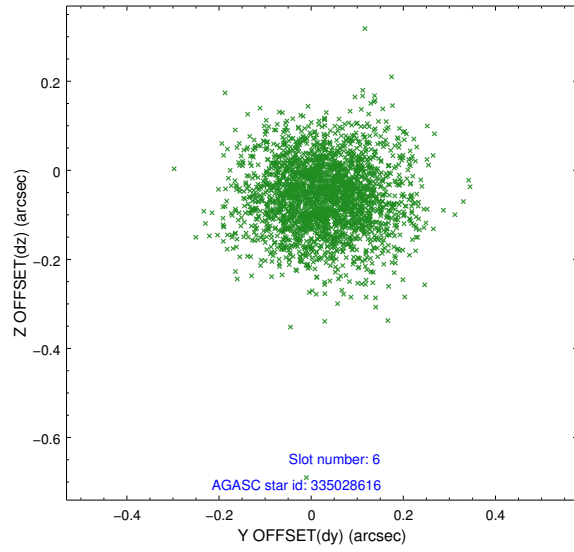
2.4.2 Slot 4



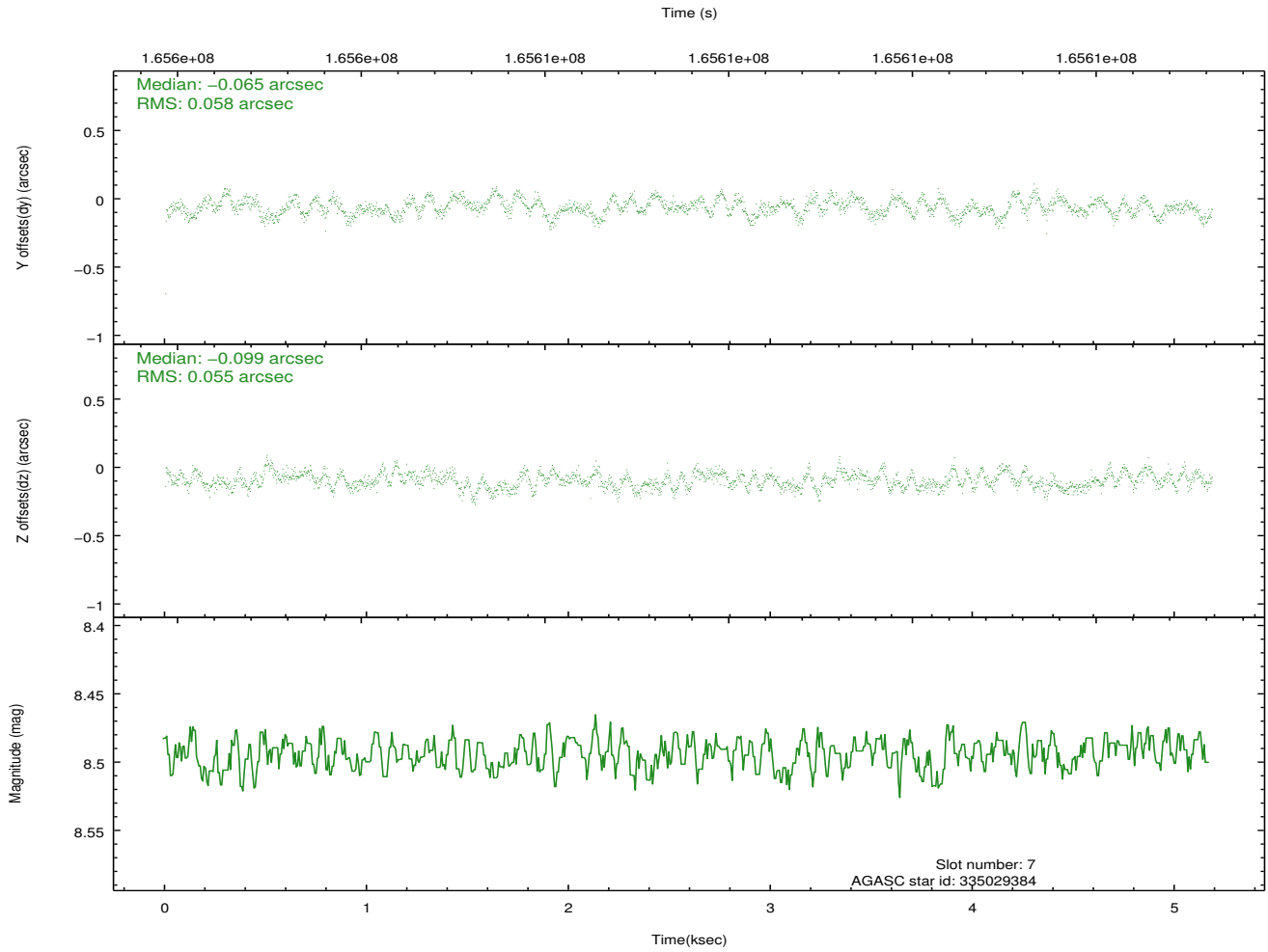
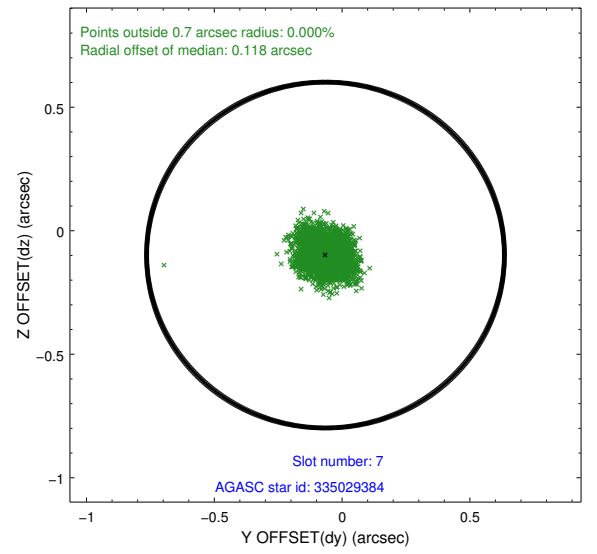
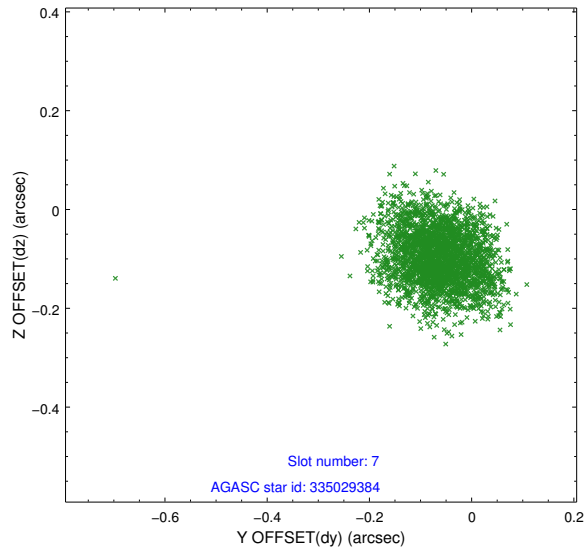
2.4.3 Slot 5



2.4.4 Slot 6

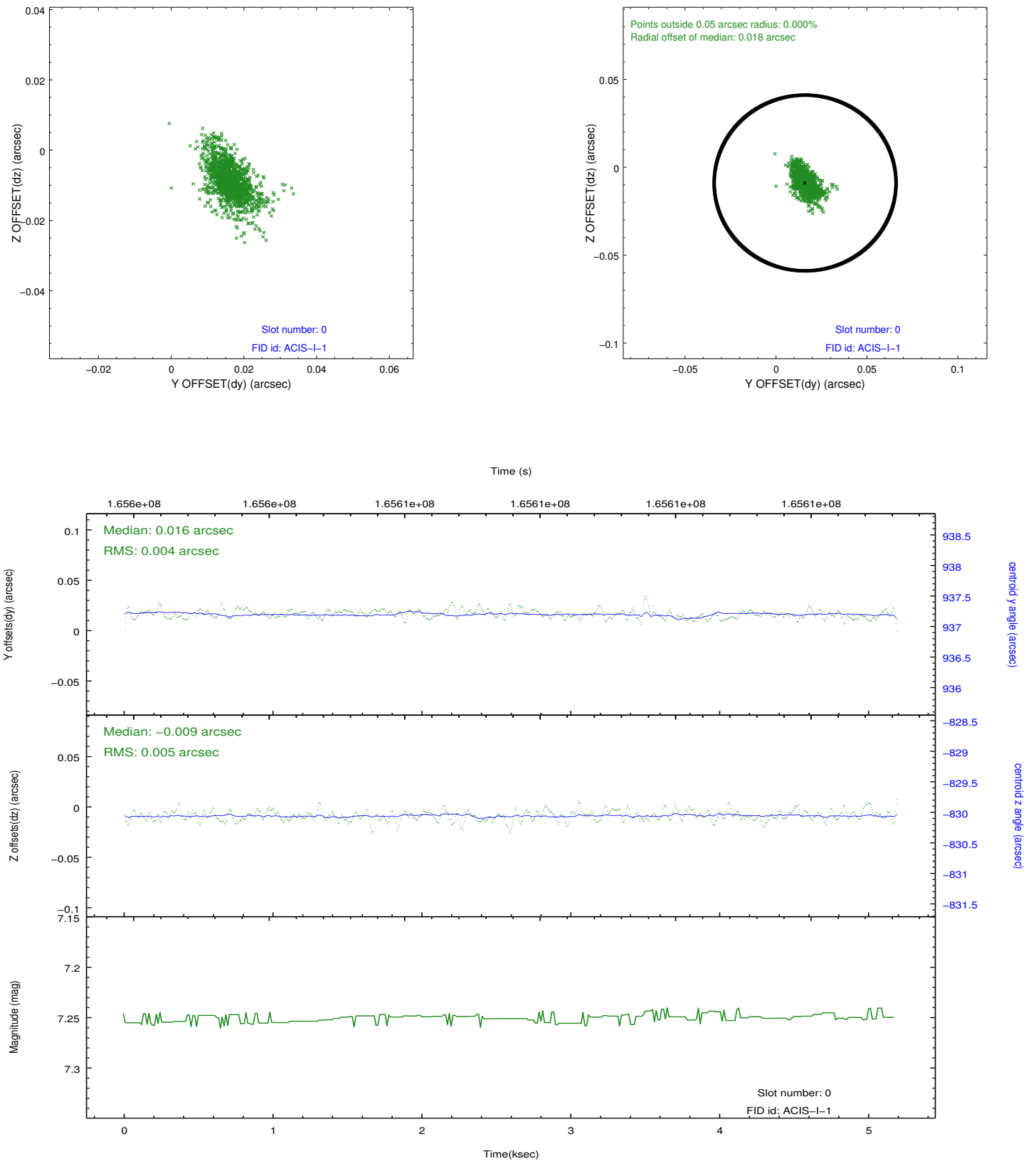


2.4.5 Slot 7

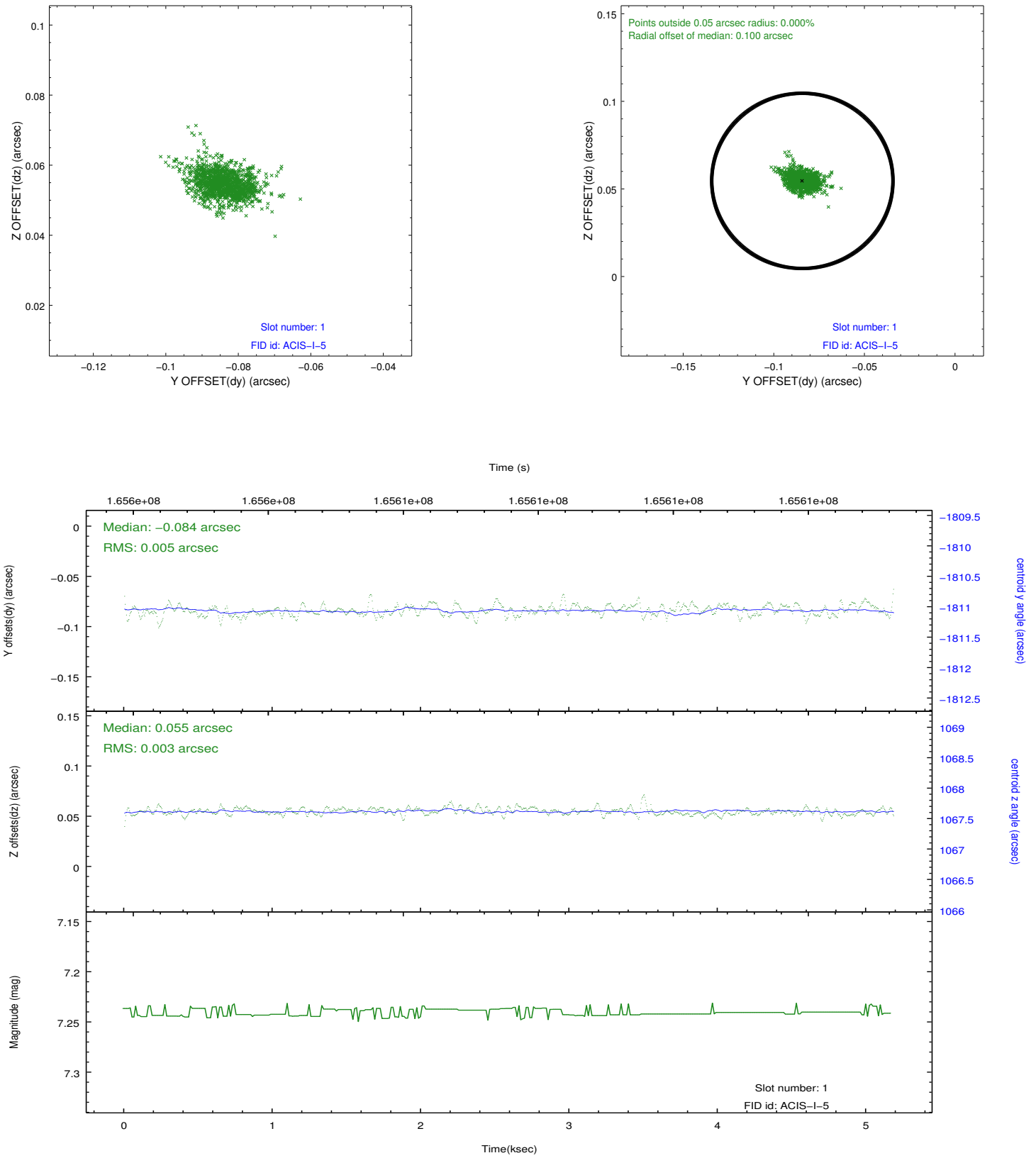


2.5 FID Slots

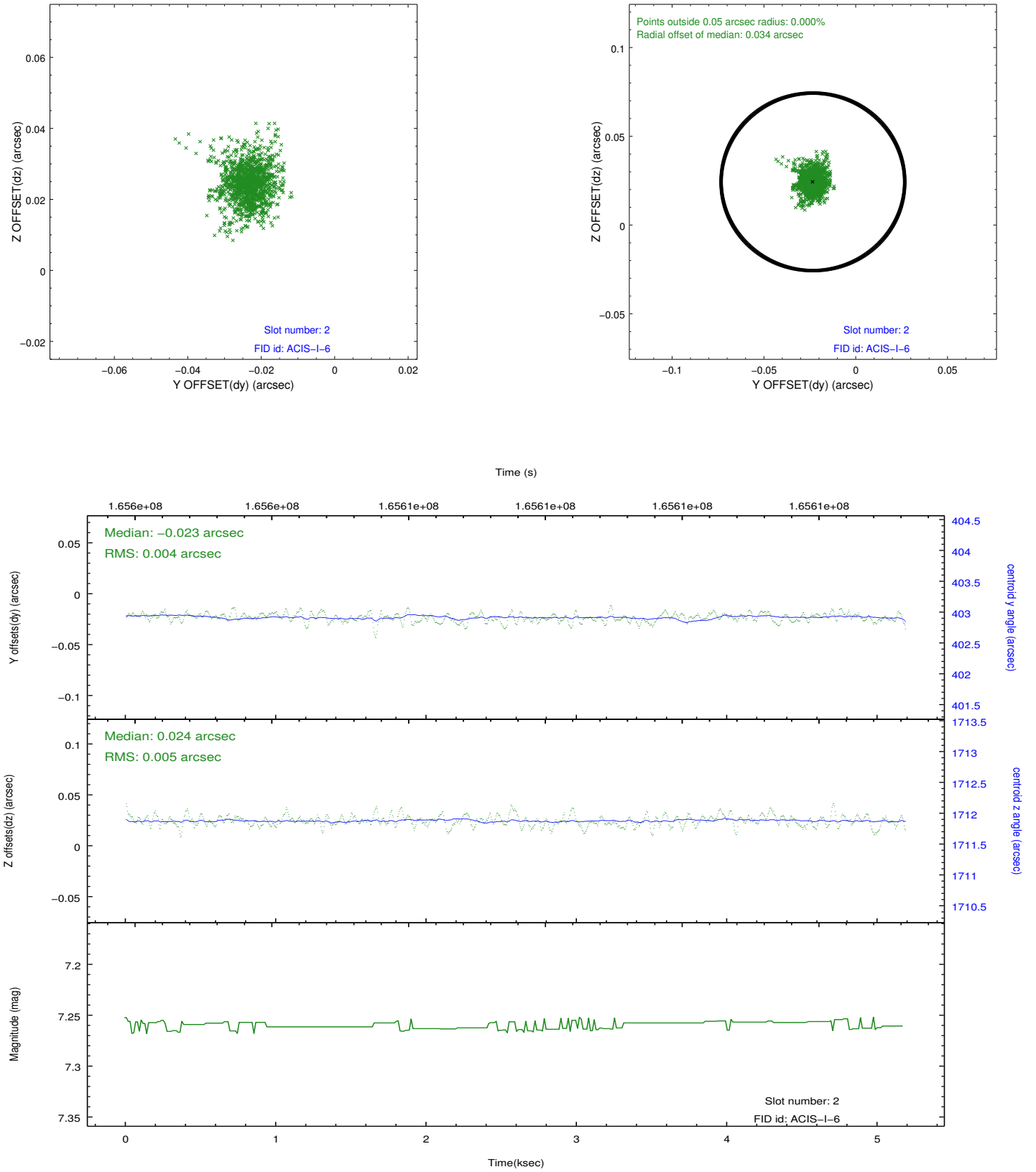
2.5.1 Slot 0



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)	2012.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments