

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4219 - L2 Version 3
Chandra X-Ray Center

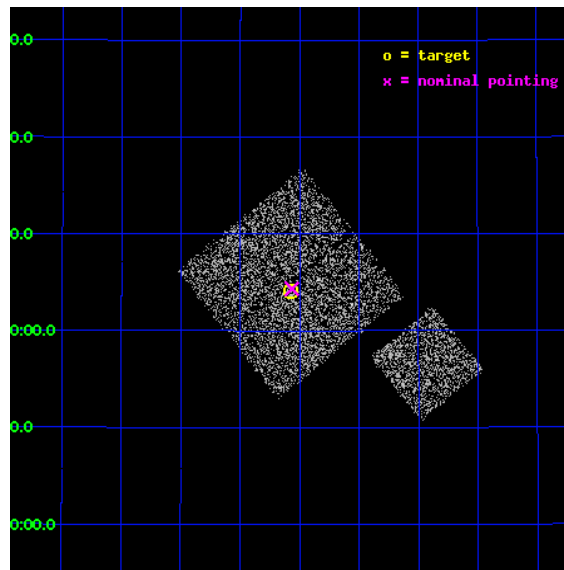
L2 Processing Date : Oct 25 2012

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1 Front

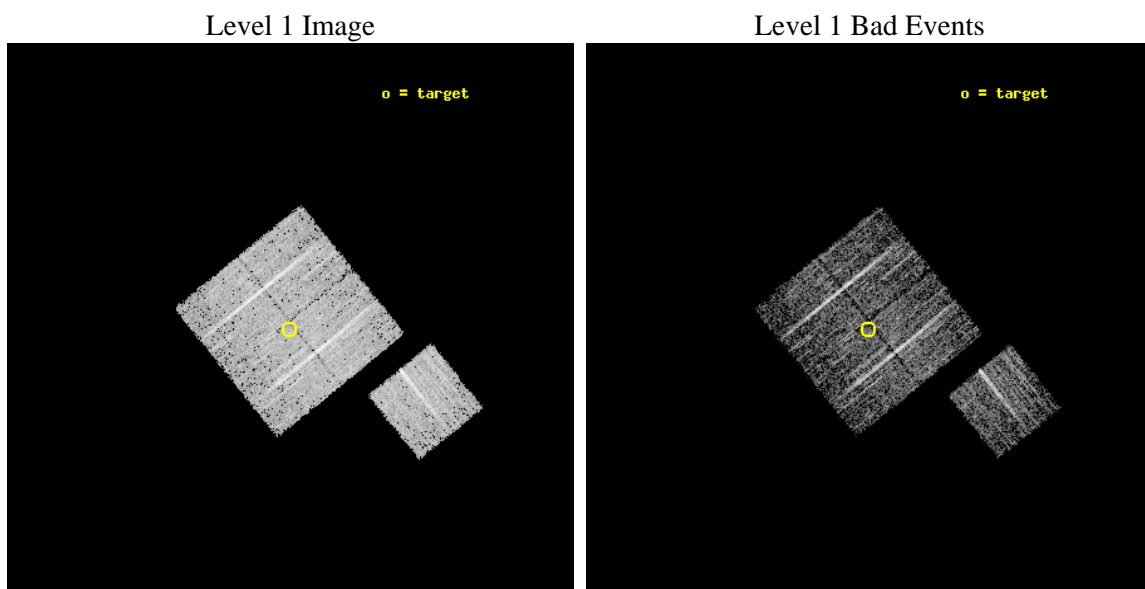
seq_num	900262	Sequence number
obs_id	4219	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS34	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.893848	Observer's specified target RA [deg]
dec_targ	34.068	Observer's specified target Dec [deg]
ra_nom	218.89122249219	Nominal RA [deg]
dec_nom	34.072117854595	Nominal Dec [deg]
roll_nom	141.01016403128	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4776.8095276356	Sum of GTIs [s]
livetime	4714.396994521	Livetime [s]
ontime0	4776.6864076257	Sum of GTIs [s]
ontime1	4776.727447629	Sum of GTIs [s]
ontime2	4770.4865271747	Sum of GTIs [s]
ontime3	4776.8095276356	Sum of GTIs [s]
ontime6	4776.6453676224	Sum of GTIs [s]
l2events	9607	Number of level 2 events



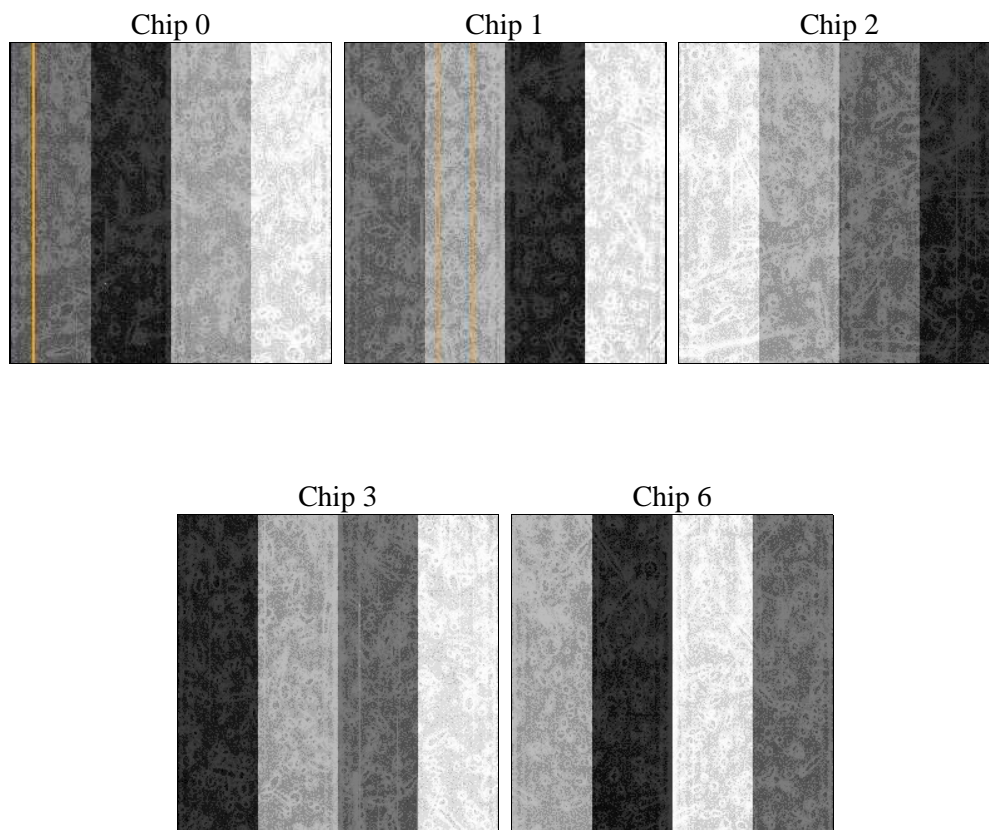
2 OBI

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	4776.8095276356	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.6864076257	Sum of GTIs [s]
date	2012-10-25T23:43:29	Date and time of file creation	ontime1	4776.727447629	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4770.4865271747	Sum of GTIs [s]
			ontime3	4776.8095276356	Sum of GTIs [s]
			ontime6	4776.6453676224	Sum of GTIs [s]
			l1events	121713	Number of level 1 events

2.1.4 Events

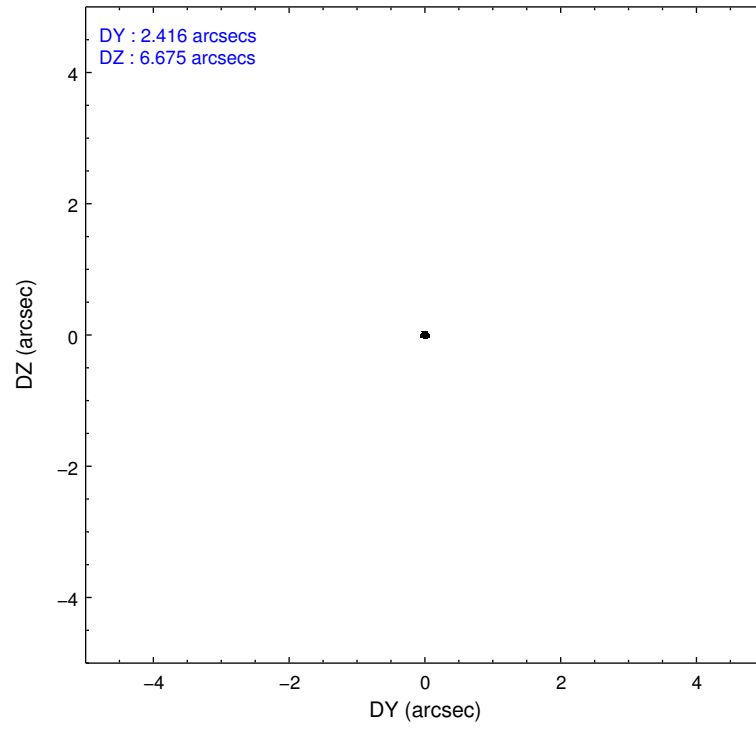
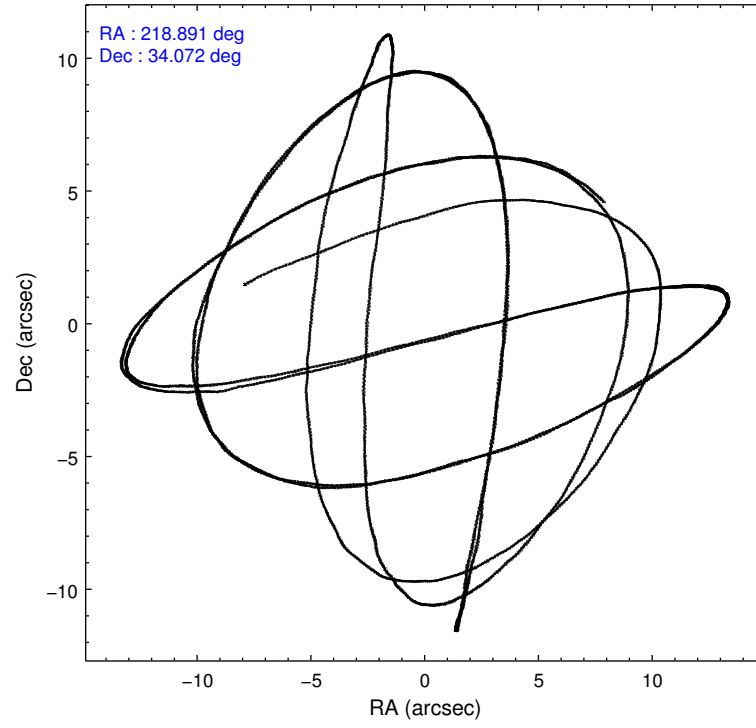
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23446	23087	26118	23951	25111
rejected events	20964	20653	23807	21723	22670
rejected %	89%	89%	91%	90%	90%

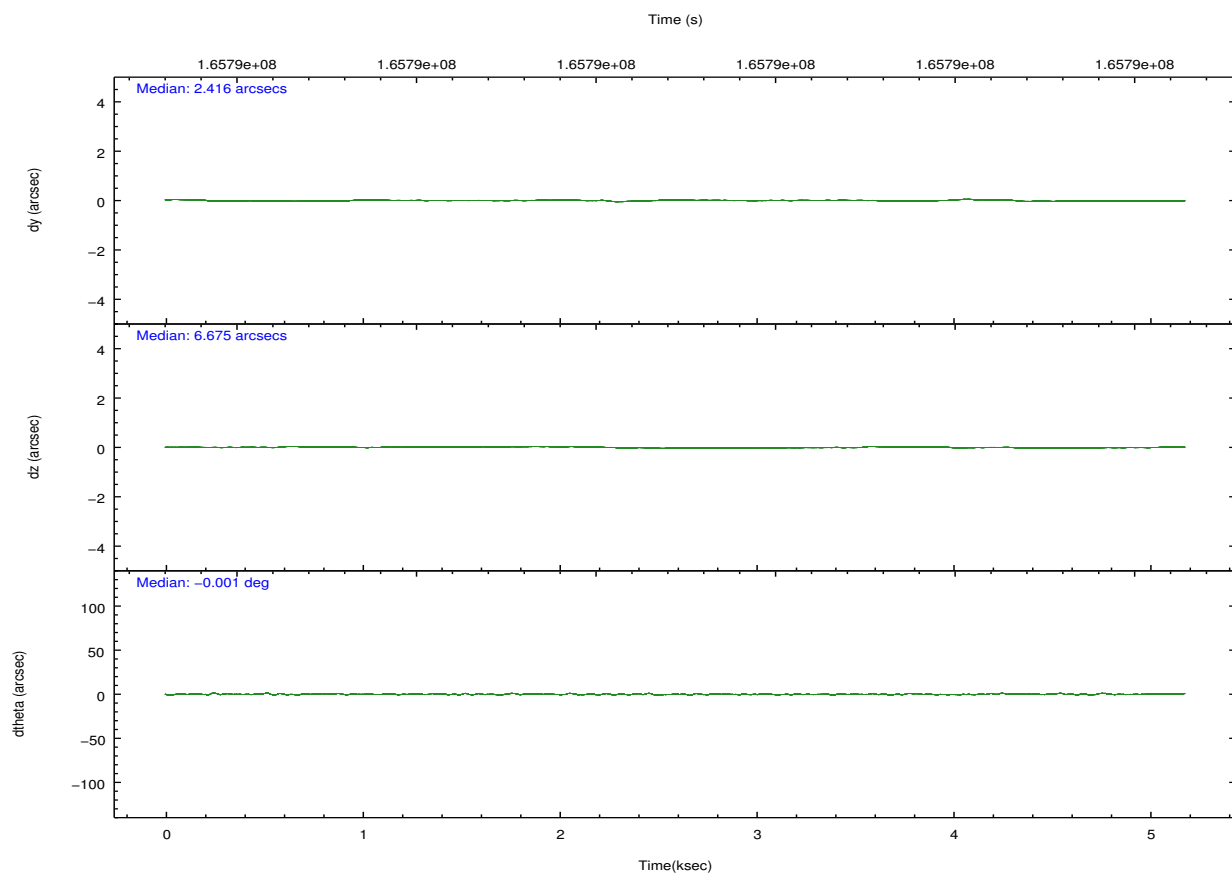
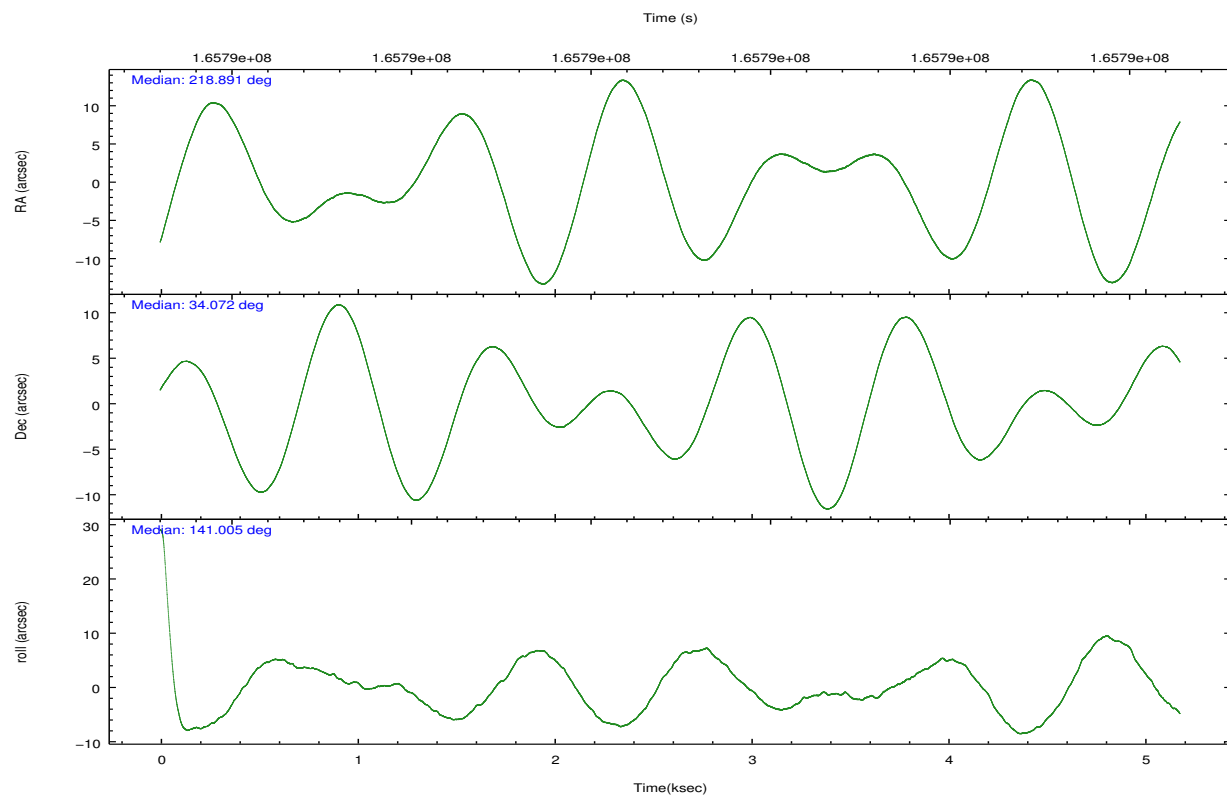
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	872	775	895	837	931
	3%	3%	3%	3%	3%
grade 1 events	21	6	19	18	8
	0%	0%	0%	0%	0%
grade 2 events	614	559	560	462	495
	2%	2%	2%	1%	1%
grade 3 events	295	330	238	285	271
	1%	1%	0%	1%	1%
grade 4 events	252	275	230	265	275
	1%	1%	0%	1%	1%
grade 5 events	705	742	660	793	801
	3%	3%	2%	3%	3%
grade 6 events	450	496	388	381	470
	1%	2%	1%	1%	1%
grade 7 events	20237	19904	23128	20910	21860
	86%	86%	88%	87%	87%

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	218.923886	218.8912224921855	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.067924	34.07211785459524	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783174	141.0101640312771	[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)	165788030.184000	165787654.31669			
Observation start date	2003-04-03T20:12:46	2003-04-03T20:07:34			
[s] Observation end time (MET)	165793030.184000	165793164.20442			
Observation end date	2003-04-03T21:36:06	2003-04-03T21:39:24			
Read mode	TIMED	TIMED			

2.3 Aspect



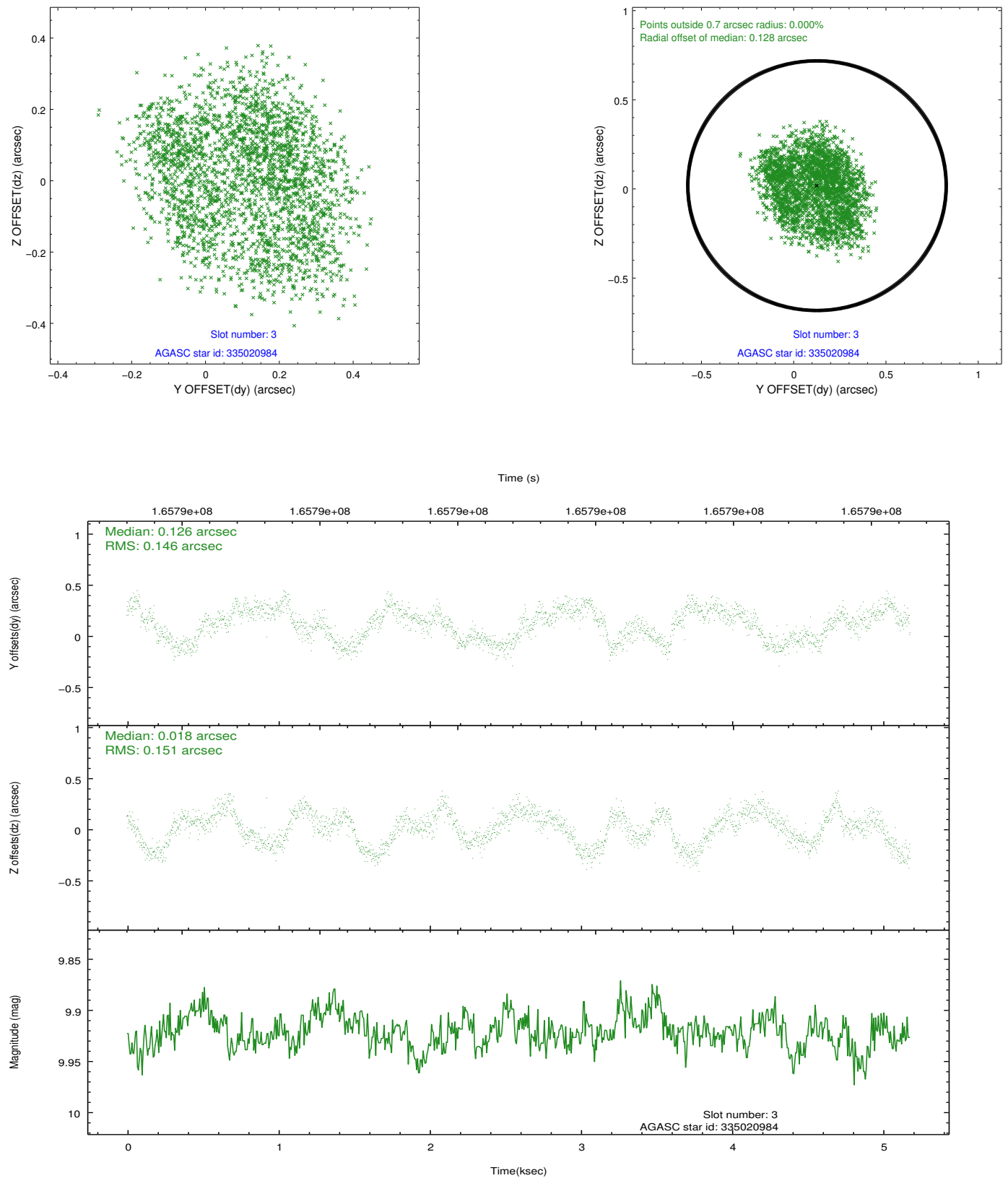


Slot Statistics

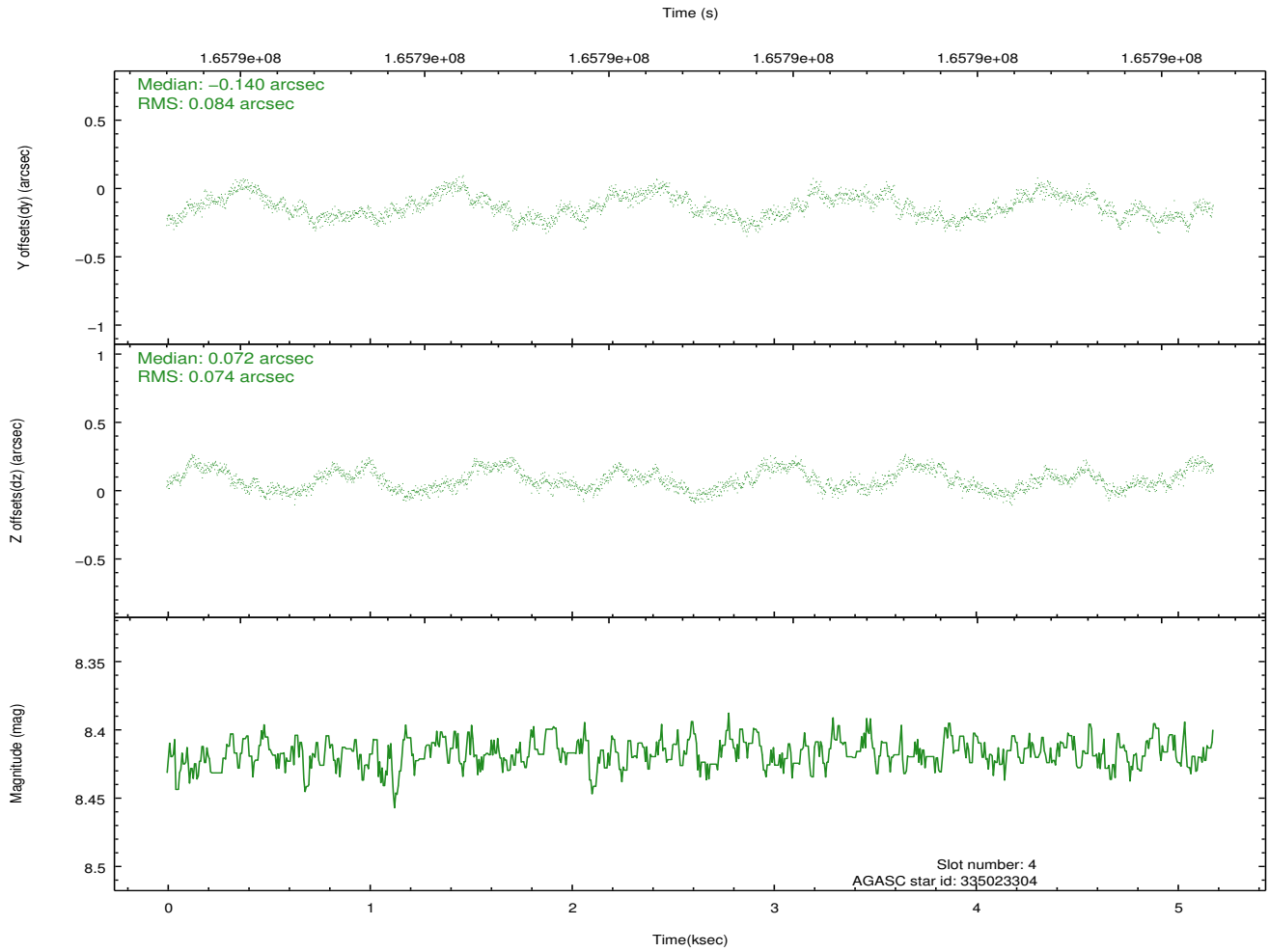
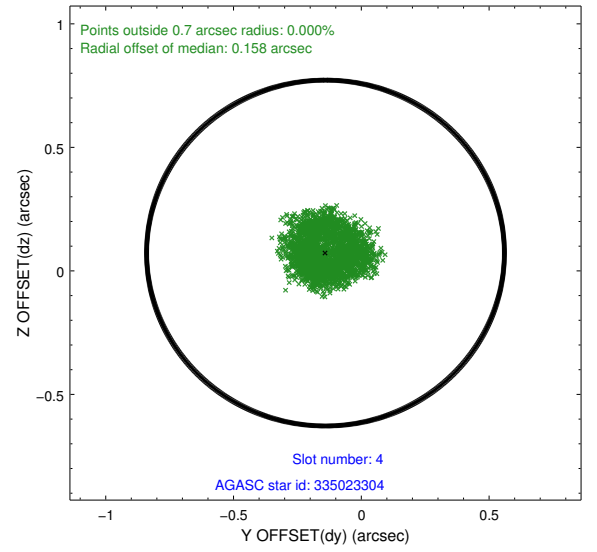
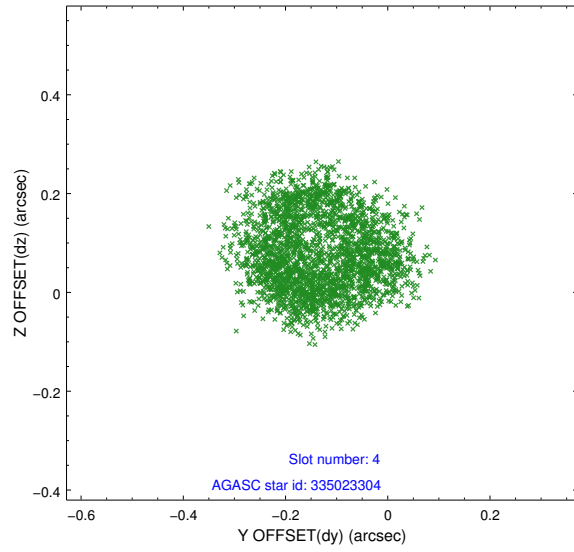
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1264	0.012	-0.005	0.006	0.010	0.000000	0.000000	937.39	-830.08
1	FID	ACIS-I-5	7.24	1264	-0.081	0.051	0.006	0.011	0.000000	0.000000	-1810.12	1066.94
2	FID	ACIS-I-6	7.26	1264	-0.022	0.024	0.006	0.011	0.000000	0.000000	401.69	1712.69
3	GUIDE	335020984	9.92	2525	0.126	0.018	0.234	0.330	218.841668	33.815112	-384.29	860.83
4	GUIDE	335023304	8.42	2528	-0.140	0.072	0.124	0.173	218.883608	34.686545	1500.38	-1649.08
5	GUIDE	335152784	7.21	2528	-0.014	-0.109	0.075	0.118	219.280617	33.678221	-1713.34	409.39
6	GUIDE	335155824	8.91	2528	0.049	0.085	0.101	0.157	219.689900	34.035435	-1839.54	-1360.34
7	GUIDE	335157088	9.08	2526	-0.020	-0.070	0.135	0.196	219.274029	33.726909	-1588.08	286.65

2.4 Star Slots

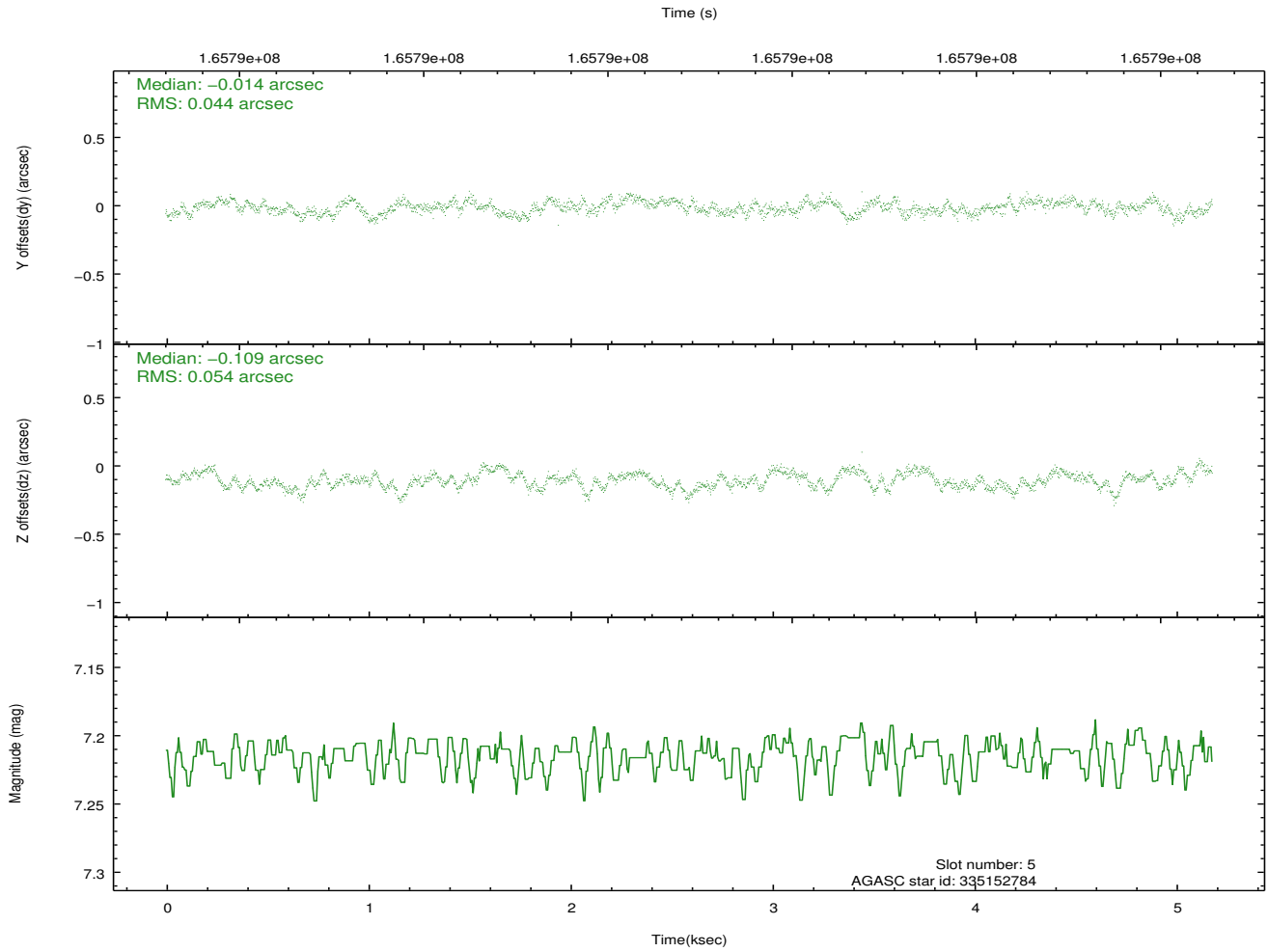
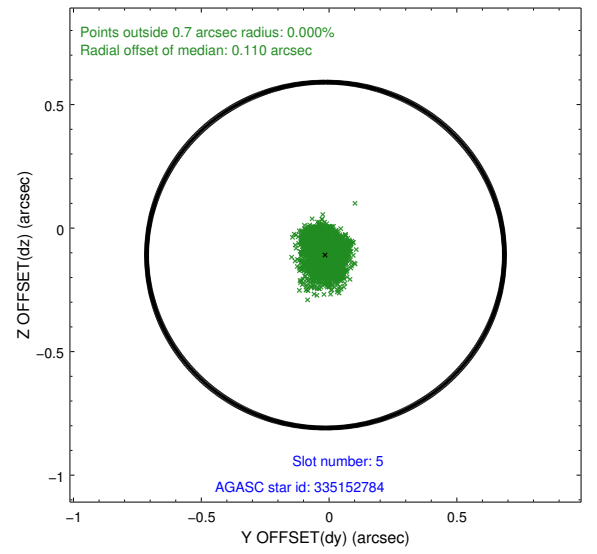
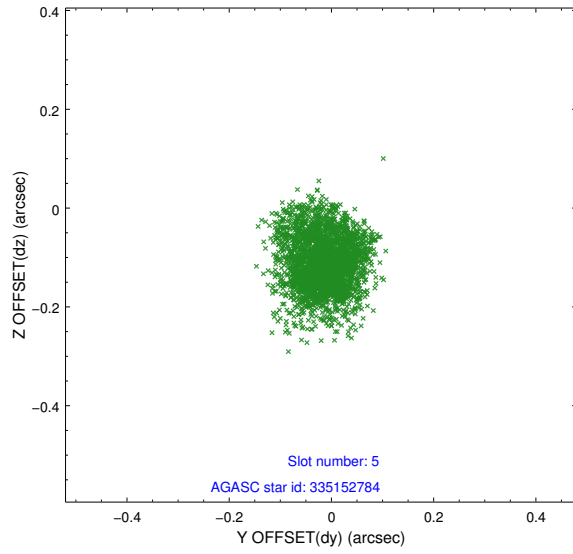
2.4.1 Slot 3



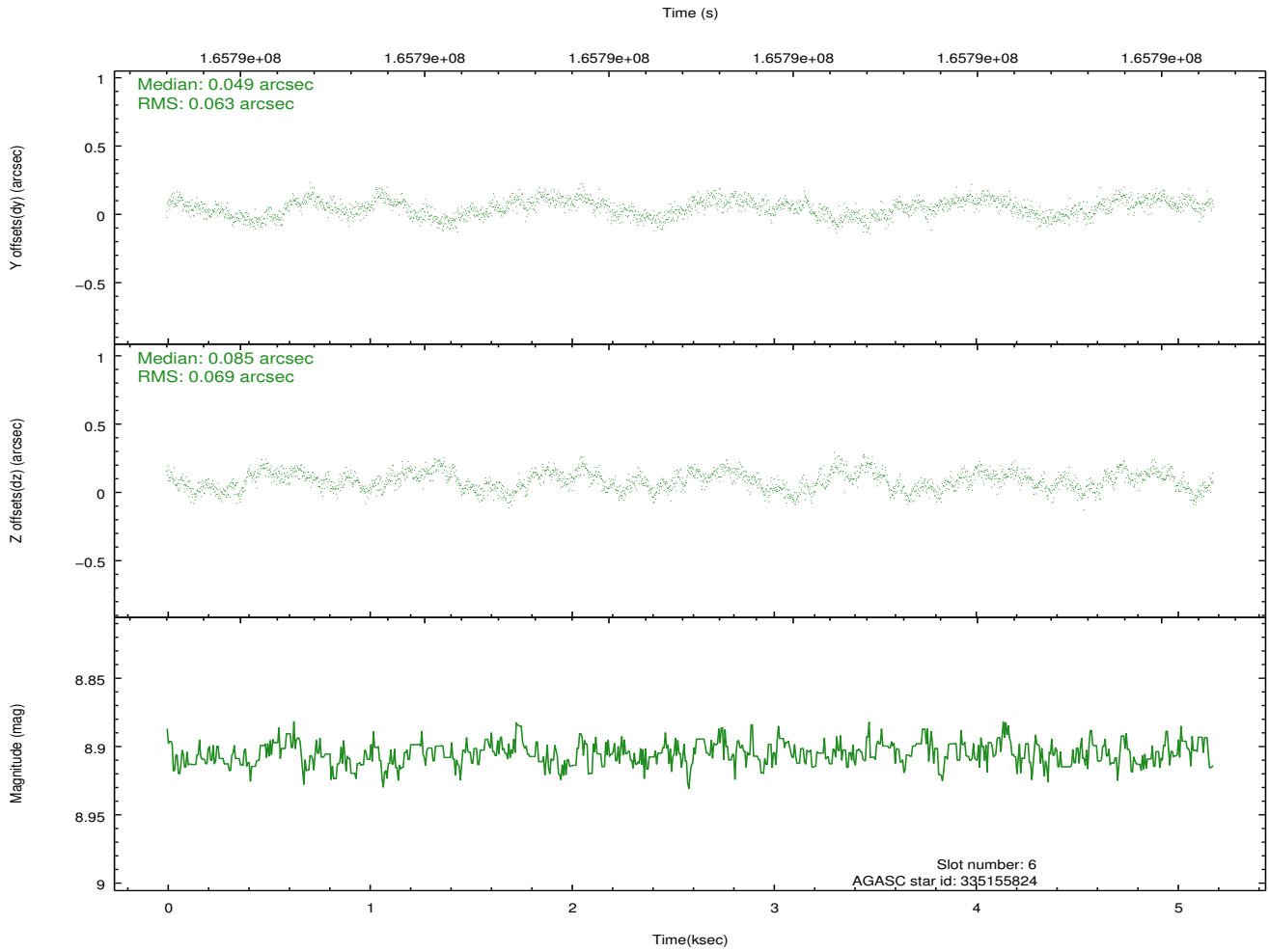
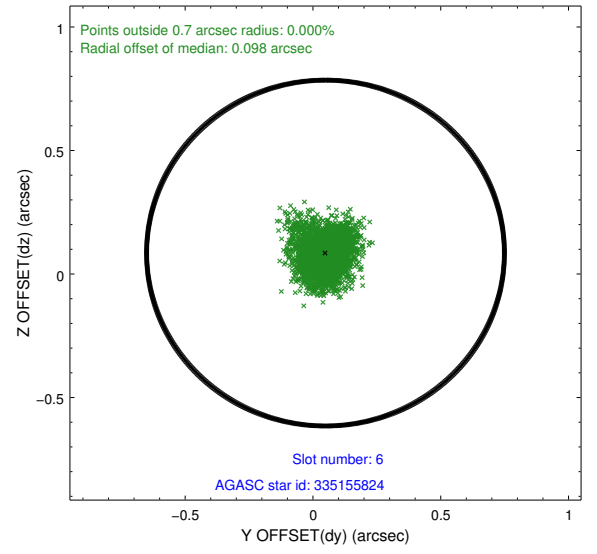
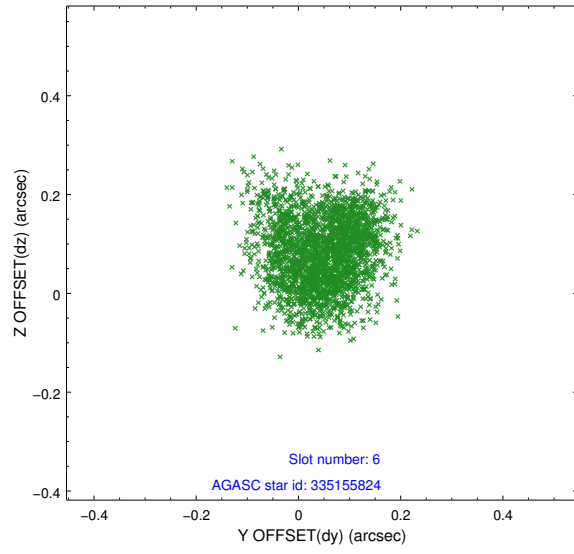
2.4.2 Slot 4



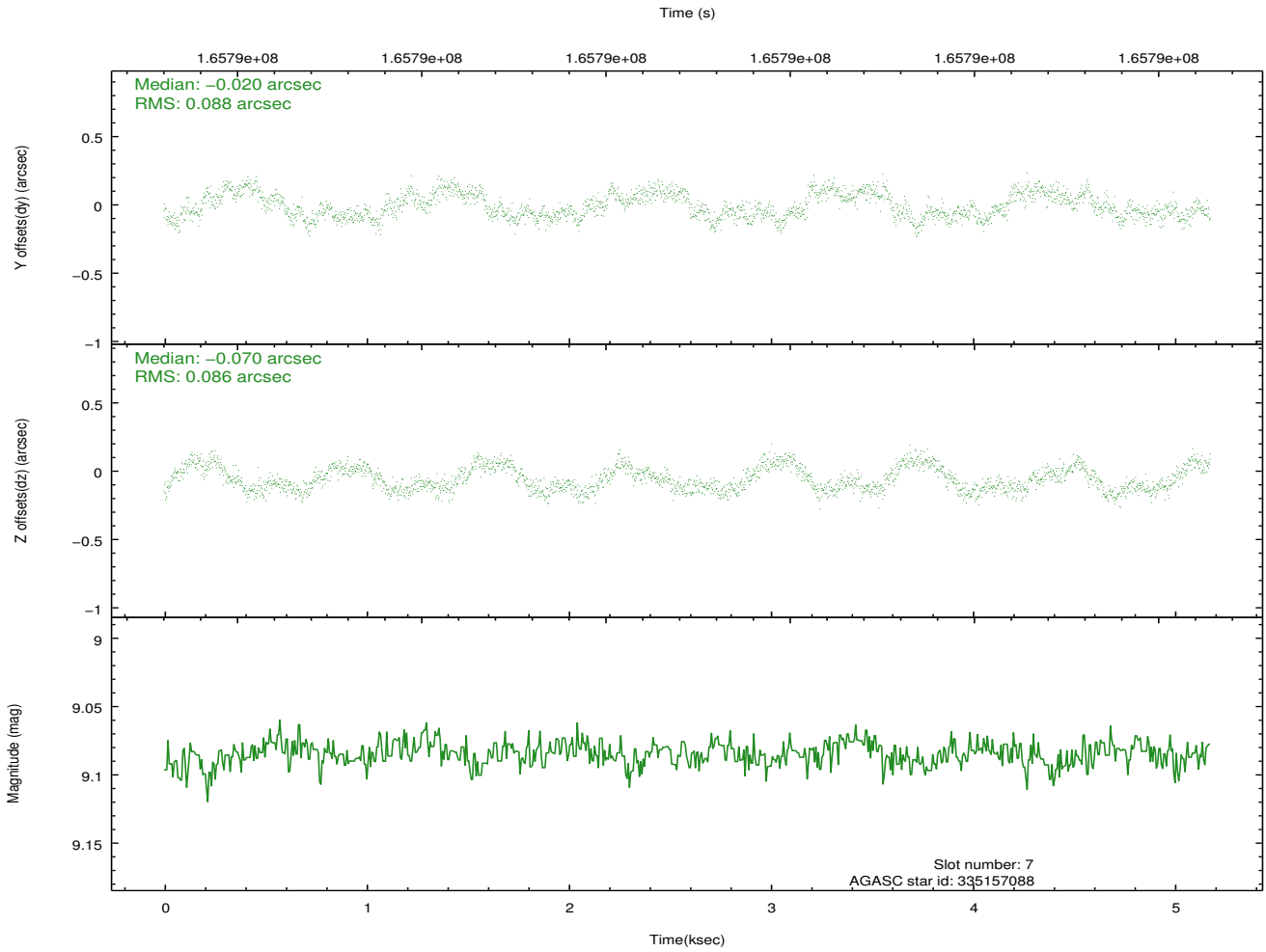
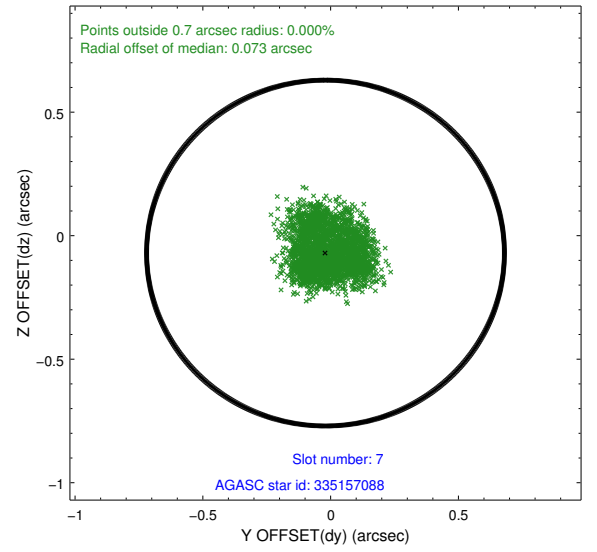
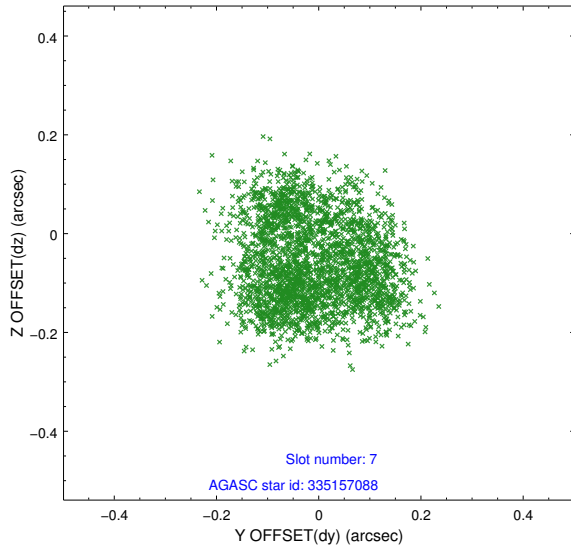
2.4.3 Slot 5



2.4.4 Slot 6

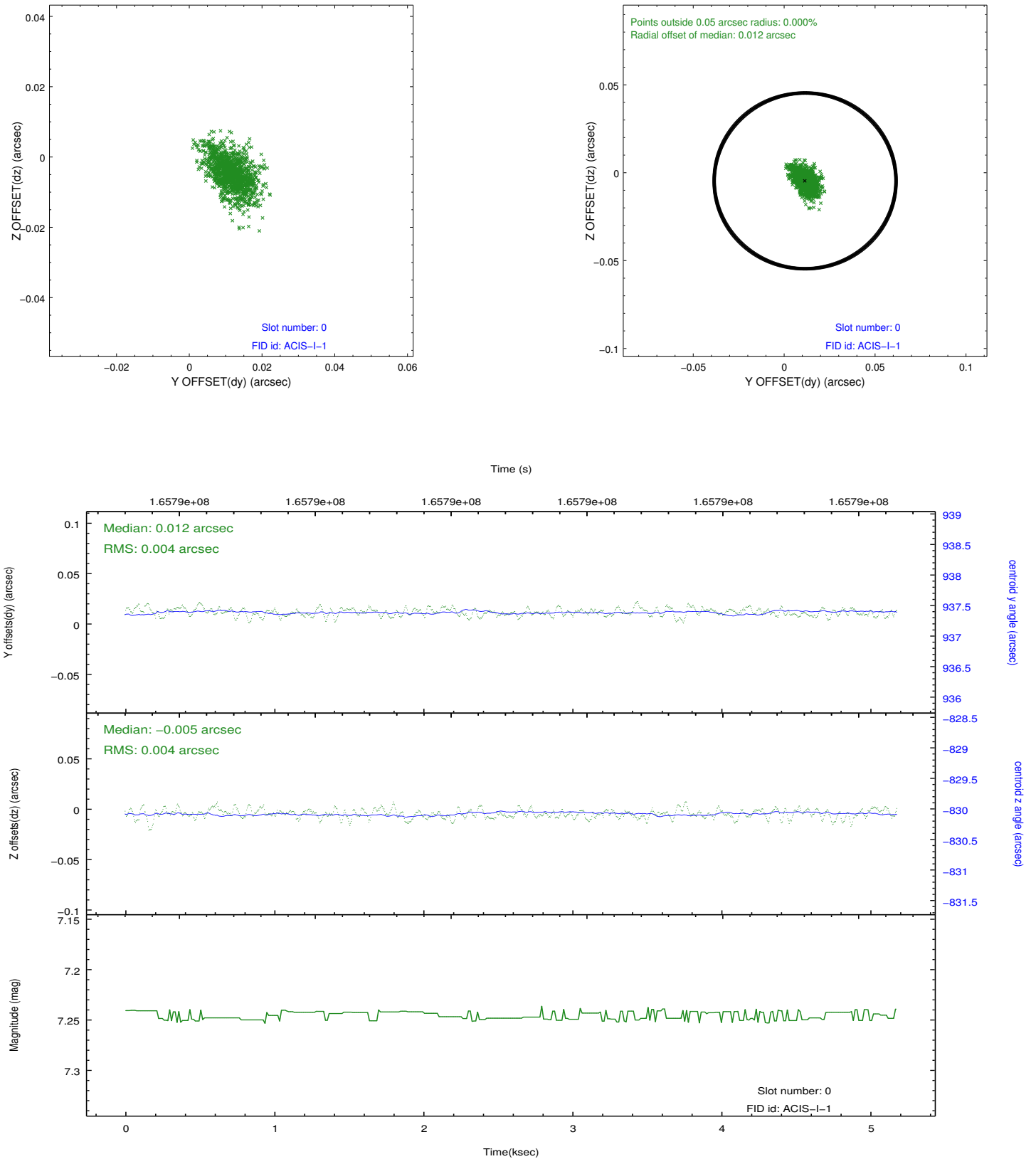


2.4.5 Slot 7

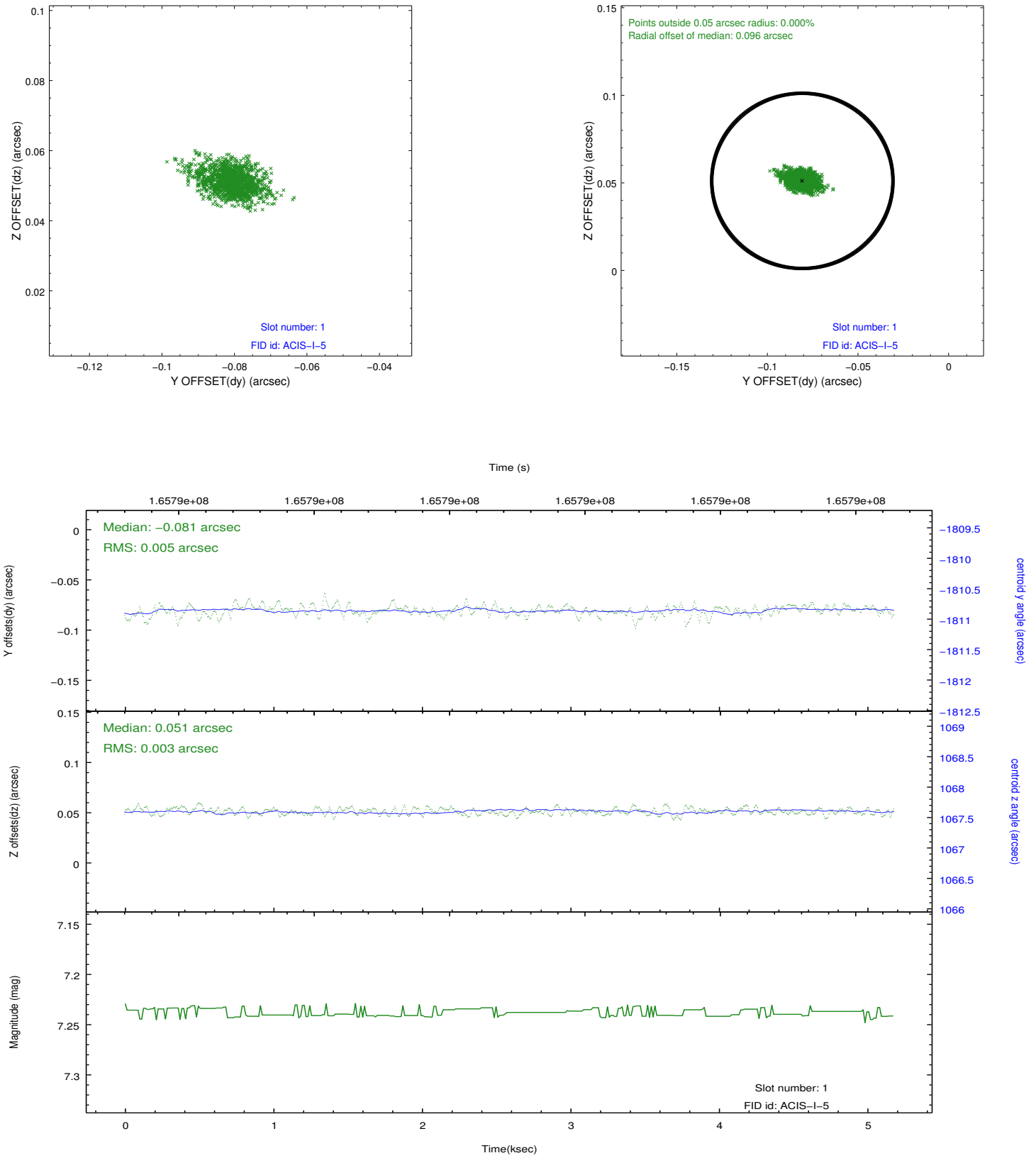


2.5 FID Slots

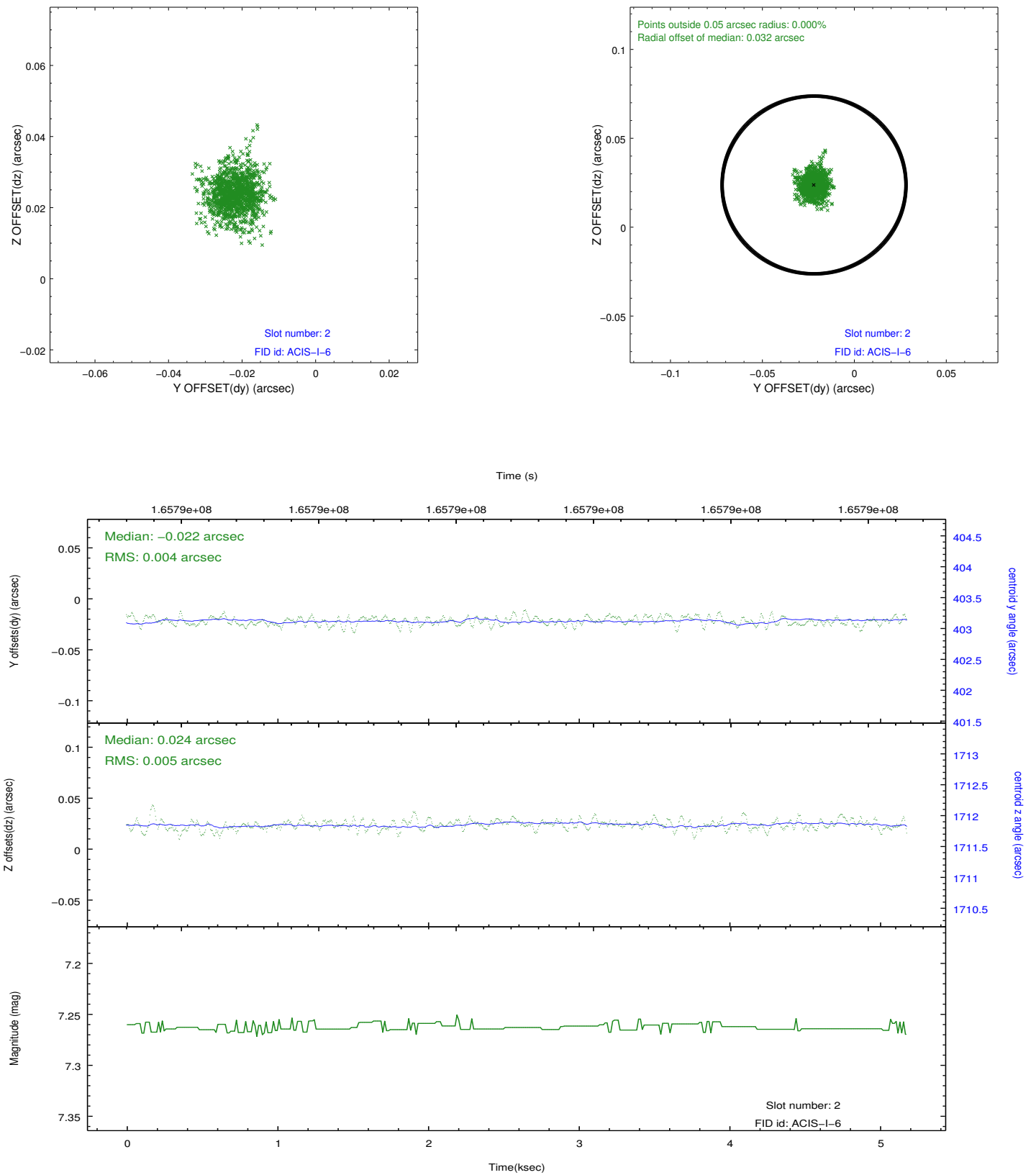
2.5.1 Slot 0



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)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.777

A.2 Comments