

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9061 - L2 Version 2
Chandra X-Ray Center

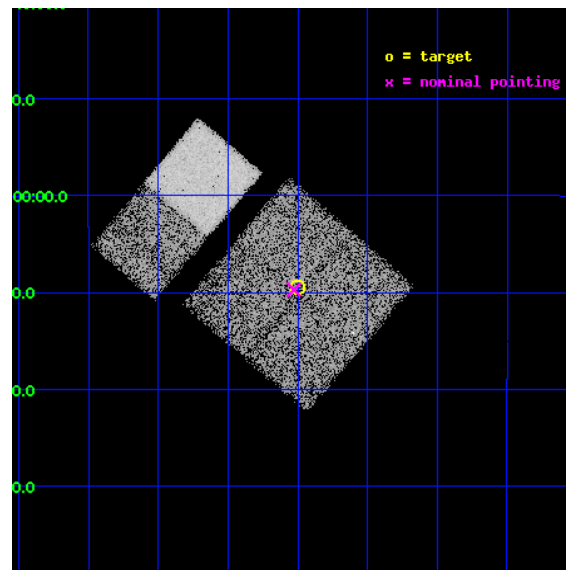
L2 Processing Date : May 9 2012

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1 Front

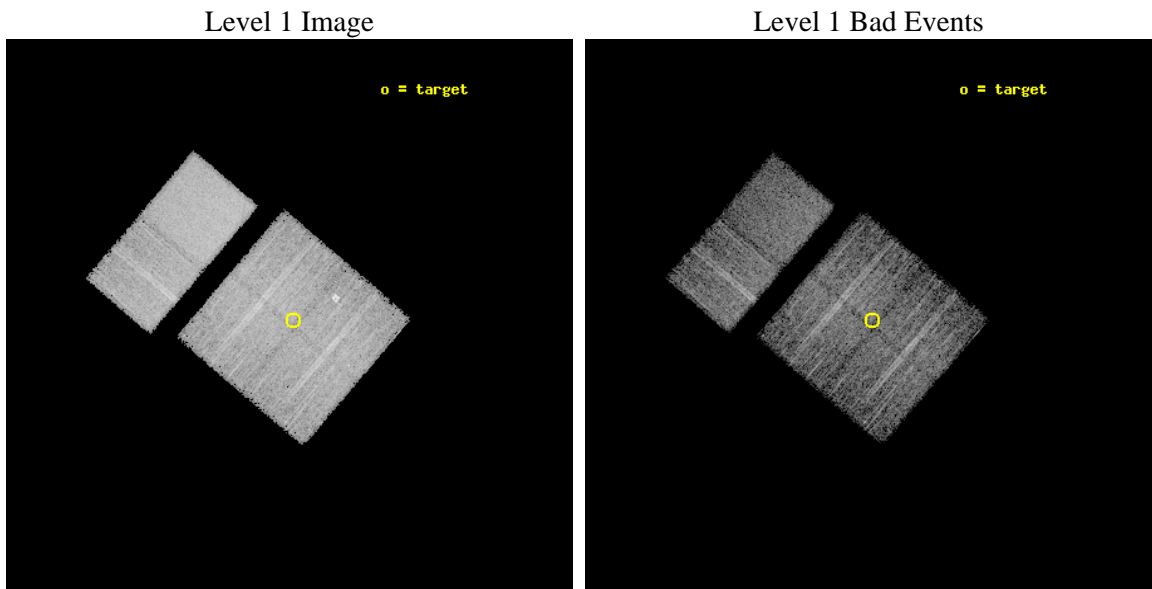
seq_num	400912	Sequence number
obs_id	9061	Observation id
title	Localization and Spectra of INTEGRAL-Selected Sources in the Galactic Plane	Proposal title
observer	Dr. John Tomsick	Principal investigator
object	IGR J07295-1329	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	112.375	Observer's specified target RA [deg]
dec_targ	-13.158056	Observer's specified target Dec [deg]
ra_nom	112.38198869561	Nominal RA [deg]
dec_nom	-13.162288673541	Nominal Dec [deg]
roll_nom	310.46983315109	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5158.3999808431	Sum of GTIs [s]
livetime	5093.0812142701	Livetime [s]
ontime0	5158.3999808431	Sum of GTIs [s]
ontime1	5158.3999808431	Sum of GTIs [s]
ontime2	5158.3999808431	Sum of GTIs [s]
ontime3	5158.3999808431	Sum of GTIs [s]
ontime6	5158.3999808431	Sum of GTIs [s]
ontime7	5158.3999808431	Sum of GTIs [s]
l2events	53515	Number of level 2 events



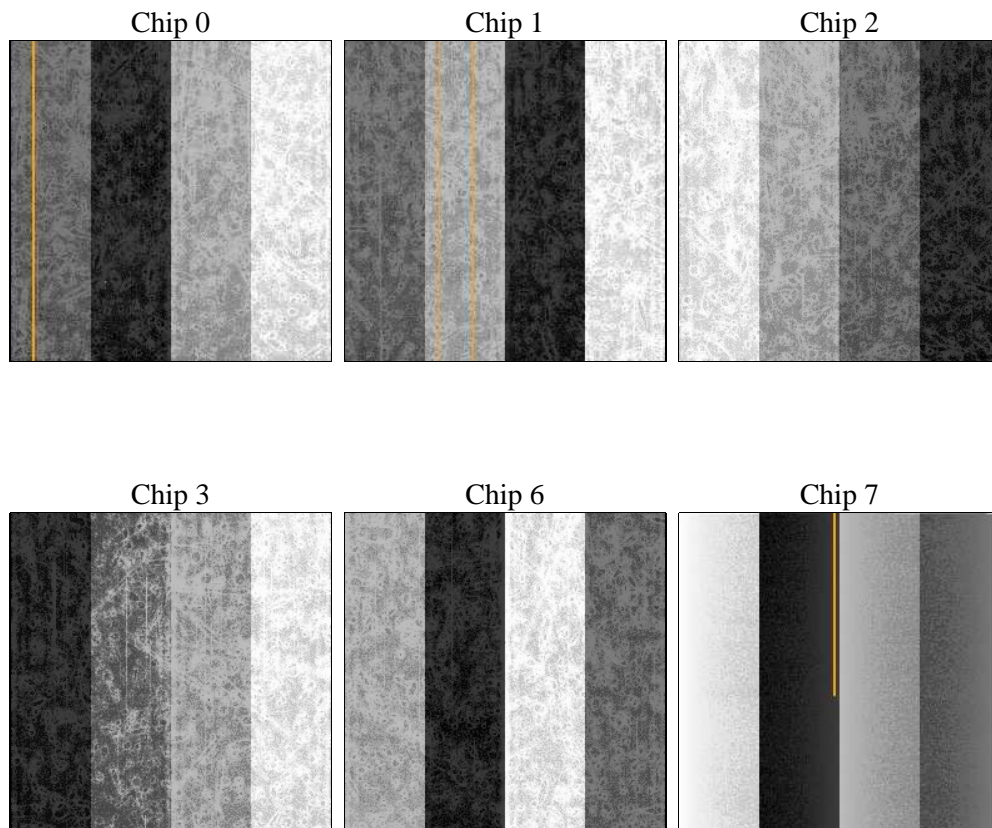
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5158.3999808431	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5158.3999808431	Sum of GTIs [s]
date	2012-05-09T18:07:58	Date and time of file creation	ontime1	5158.3999808431	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5158.3999808431	Sum of GTIs [s]
			ontime3	5158.3999808431	Sum of GTIs [s]
			ontime6	5158.3999808431	Sum of GTIs [s]
			ontime7	5158.3999808431	Sum of GTIs [s]
			l1events	341570	Number of level 1 events

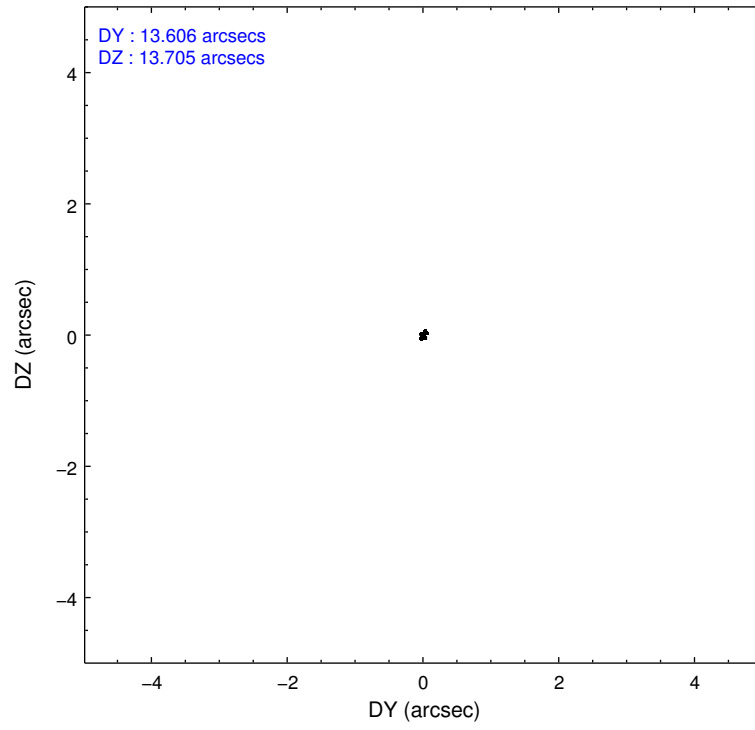
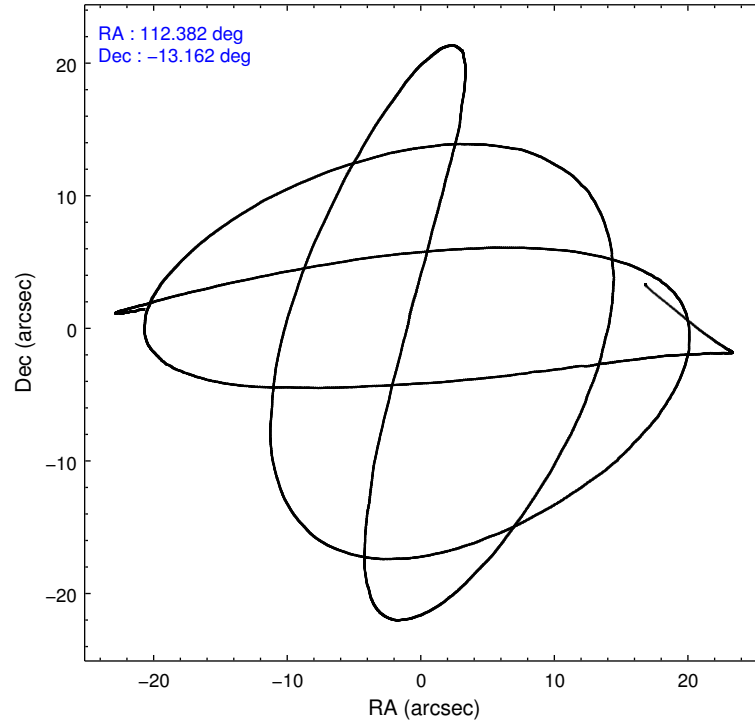
2.1.4 Events

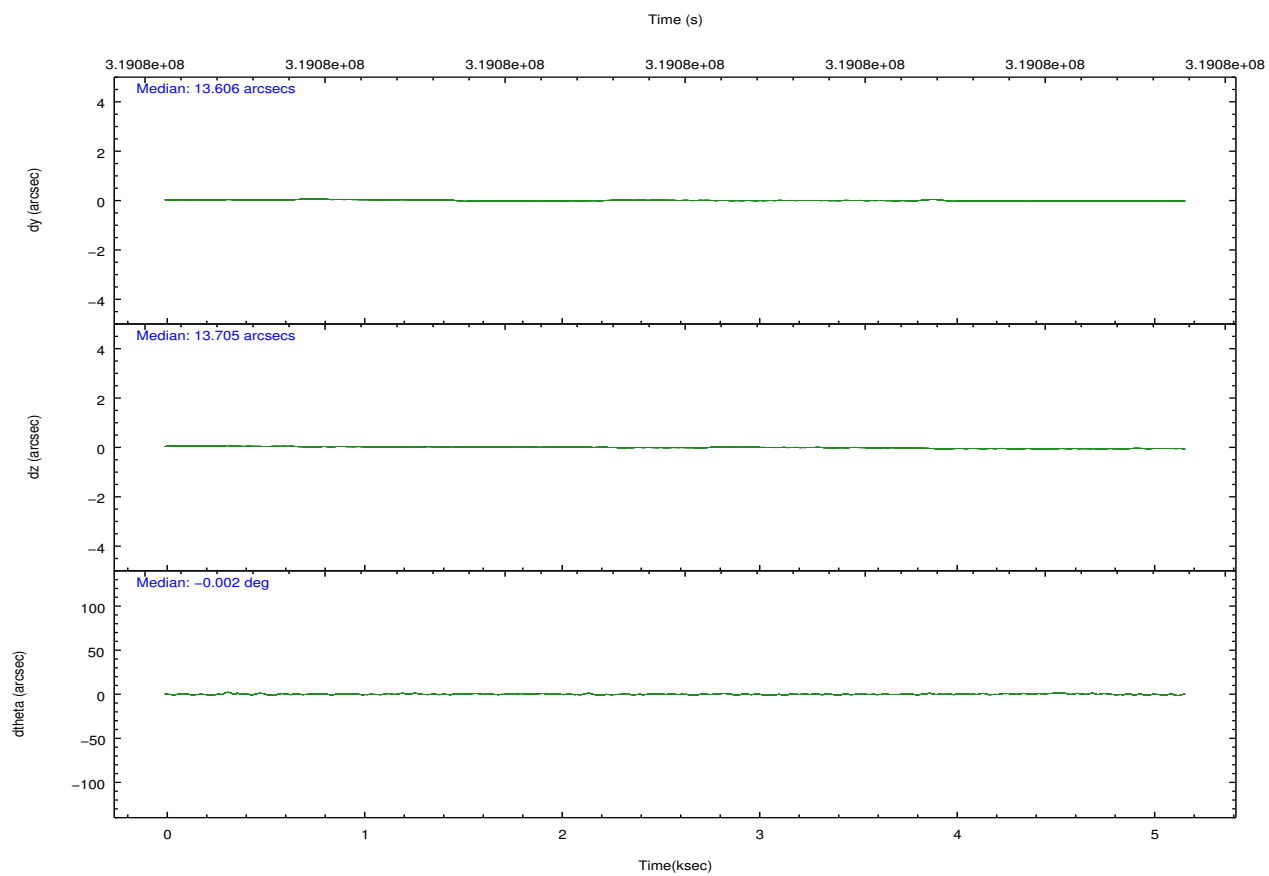
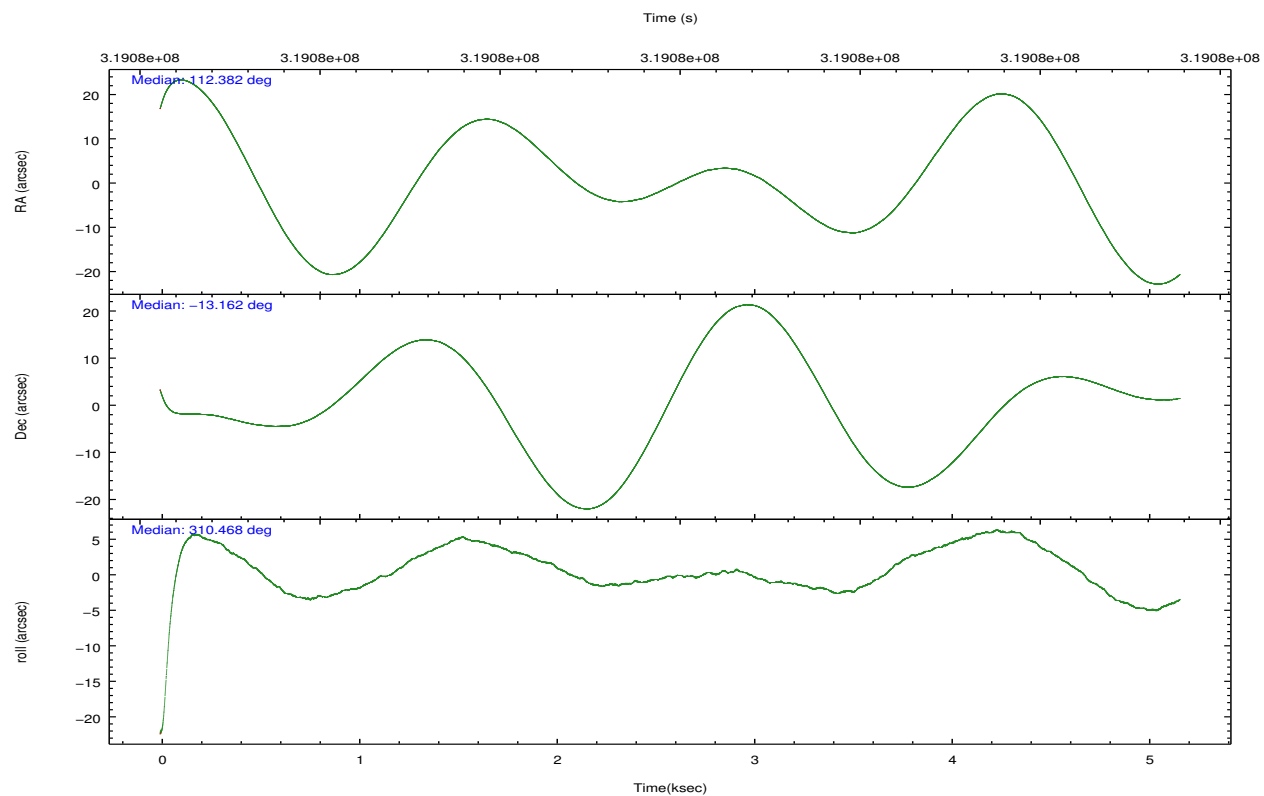
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	49003	52119	54461	52883	57497	75607	grade 0 events	2890	4411	2668	2854	2609	2642
rejected events	42966	44126	48635	47057	51469	47608		5%	8%	4%	5%	4%	3%
rejected %	87%	84%	89%	88%	89%	62%	grade 1 events	35	31	39	40	29	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	1449	1724	1489	1302	1525	6363
								2%	3%	2%	2%	2%	8%
							grade 3 events	640	638	562	589	610	2608
								1%	1%	1%	1%	1%	3%
							grade 4 events	633	709	603	588	600	2609
								1%	1%	1%	1%	1%	3%
							grade 5 events	2252	2374	2256	2623	2605	7282
								4%	4%	4%	4%	4%	9%
							grade 6 events	1131	1433	1165	1189	1378	17098
								2%	2%	2%	2%	2%	22%
							grade 7 events	39973	40799	45679	43698	48141	36937
								81%	78%	83%	82%	83%	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	CCD I0 on	Y	Y
Observation mode	POINTING	POINTING	CCD I1 on	Y	Y
[deg] Pointing RA	112.355372	112.3819886956054	CCD I2 on	Y	Y
[deg] Pointing Dec	-13.153278	-13.16228867354136	CCD I3 on	Y	Y
[deg] Pointing Roll	310.255142	310.4698331510946	CCD S0 on	N	N
[mm] SIM focus pos	-0.782348	-0.7809083437167272	CCD S1 on	N	N
[mm] SIM defocus	0	0.001439871863259334	CCD S2 on	O1	Y
[mm] SIM translation stage pos	-233.592463	-233.5874344608287	CCD S3 on	O2	Y
[mm] SIM translation stage offset	0	-0.005018542100998502	CCD S4 on	N	N
[s] Observation start time (MET)	319078522.184000	319077163.67471	CCD S5 on	N	N
Observation start date	2008-02-11T00:54:17	2008-02-11T00:32:43	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	319083522.184000	319084304.33755	On-chip summing requested	N	N
Observation end date	2008-02-11T02:17:37	2008-02-11T02:31:44	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



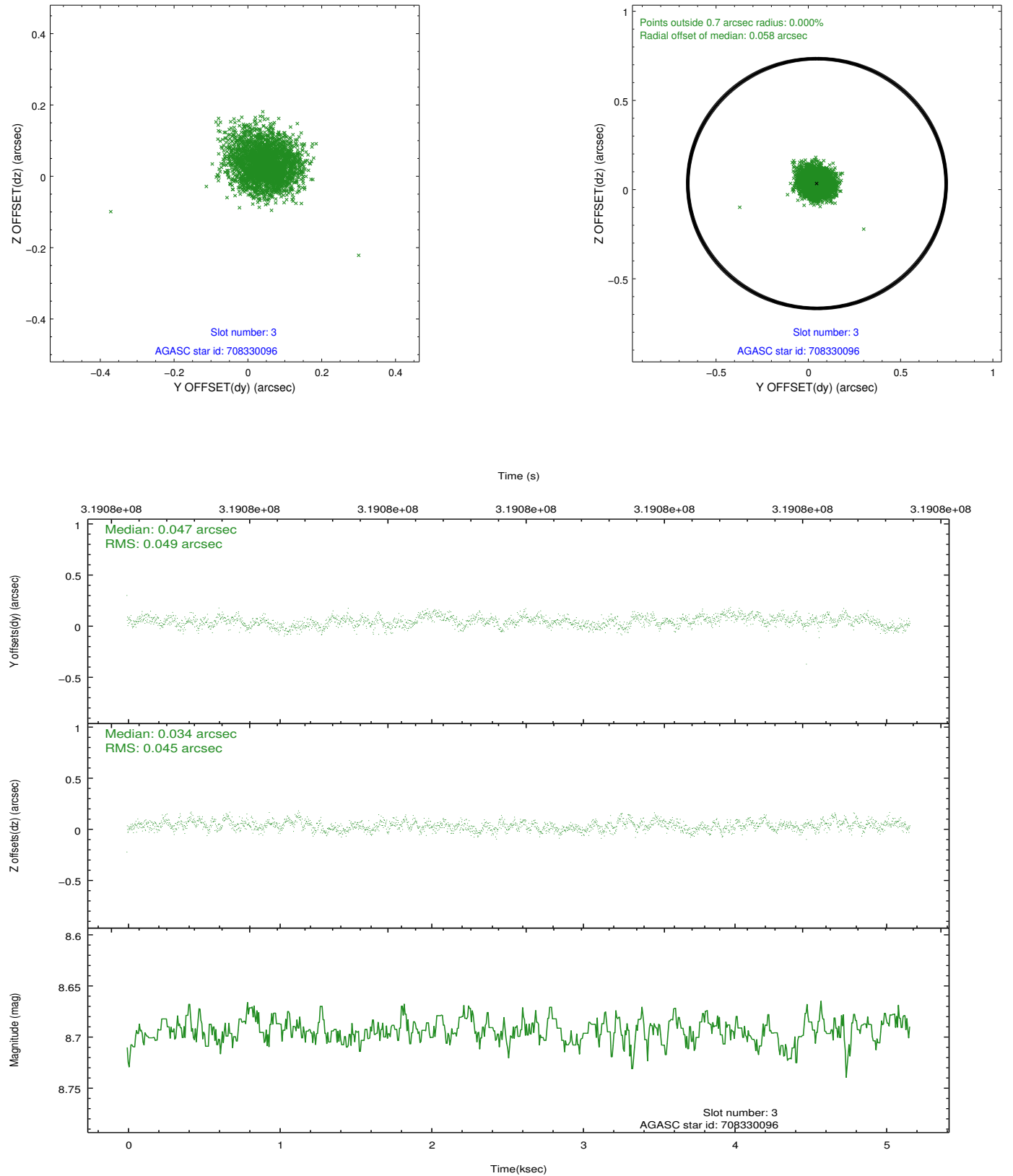


Slot Statistics

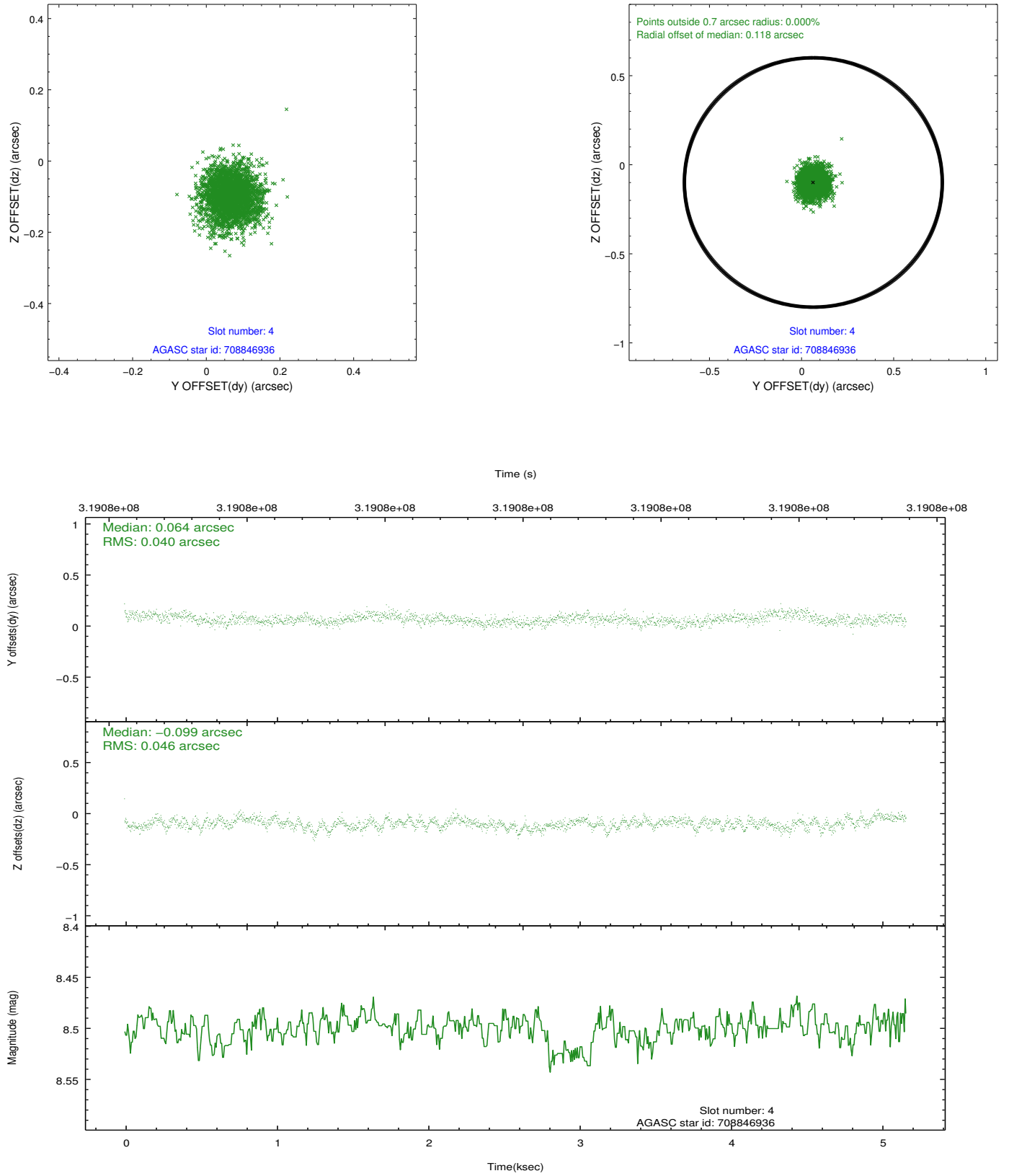
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1260	0.034	0.016	0.006	0.011	0.000000	0.000000	925.93	-837.25
1	FID	ACIS-I-5	7.22	1260	-0.202	0.047	0.007	0.012	0.000000	0.000000	-1821.78	1059.68
2	FID	ACIS-I-6	7.24	1259	0.076	0.007	0.007	0.012	0.000000	0.000000	390.22	1705.48
3	GUIDE	708330096	8.69	2520	0.047	0.034	0.072	0.113	111.727221	-12.930172	-2034.31	-1164.73
4	GUIDE	708846936	8.50	2519	0.064	-0.099	0.064	0.105	112.740628	-13.470227	1743.13	290.99
5	GUIDE	708862056	7.38	2520	-0.015	-0.109	0.057	0.088	111.649268	-13.188981	-1497.12	-1974.03
6	GUIDE	708329248	8.87	2519	-0.141	0.018	0.083	0.132	111.445841	-13.056613	-2322.36	-2213.90
7	GUIDE	708851456	8.33	2518	0.046	0.155	0.072	0.113	112.454860	-13.919527	2329.86	-1517.85

2.4 Star Slots

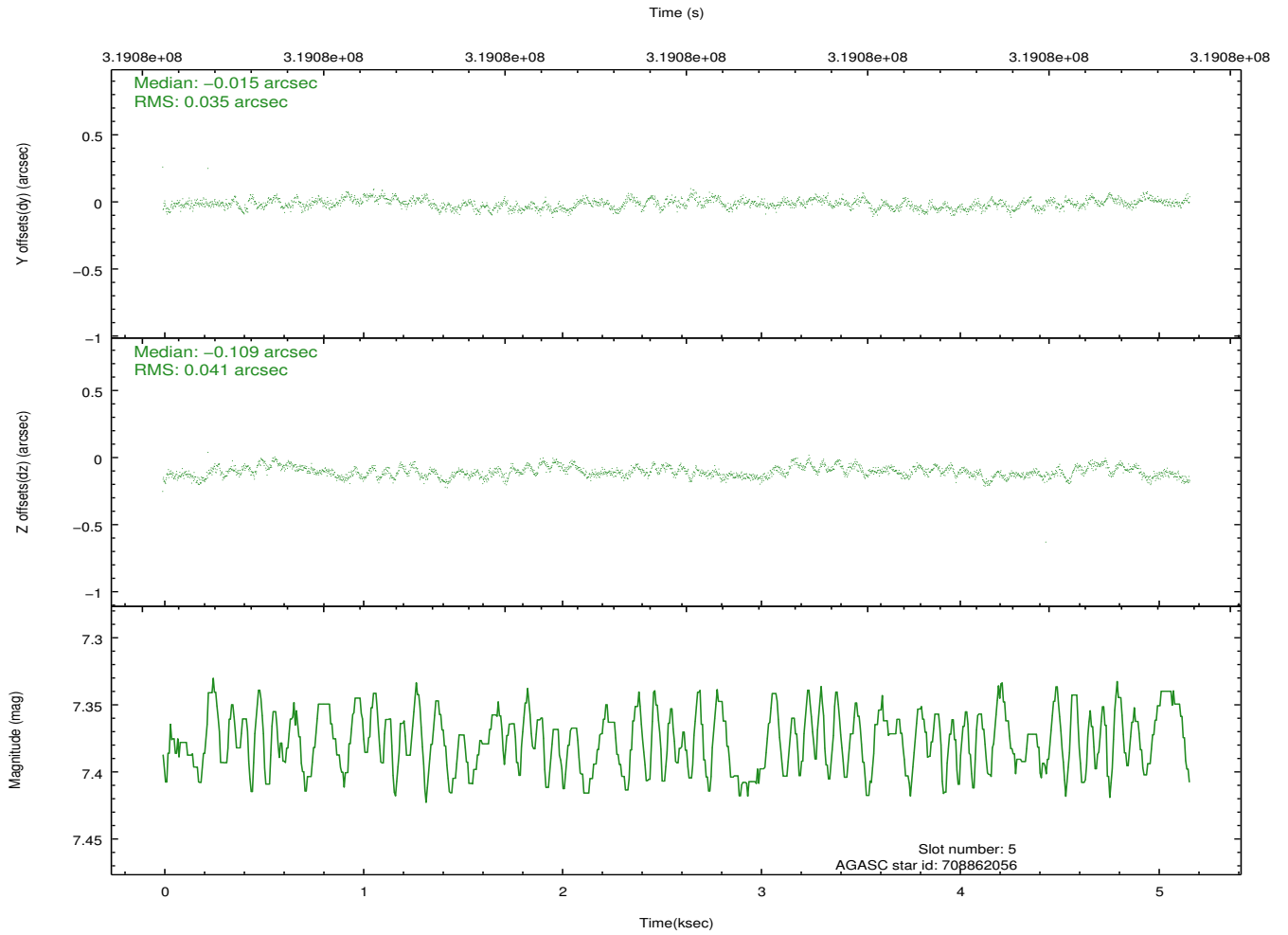
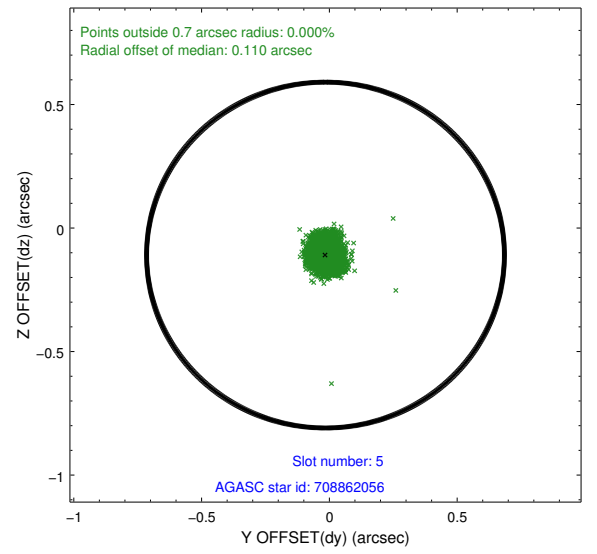
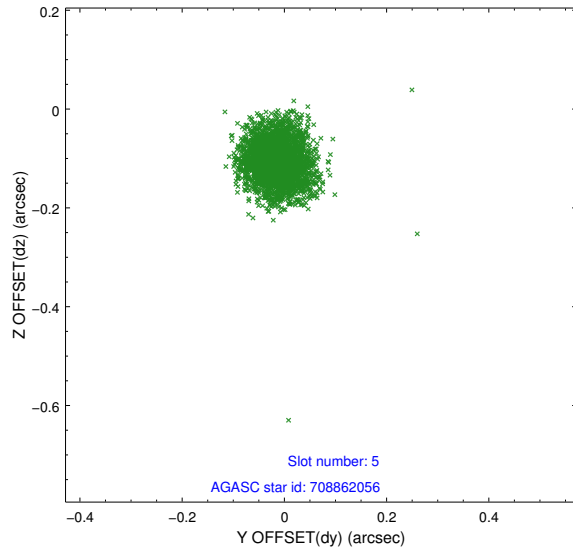
2.4.1 Slot 3



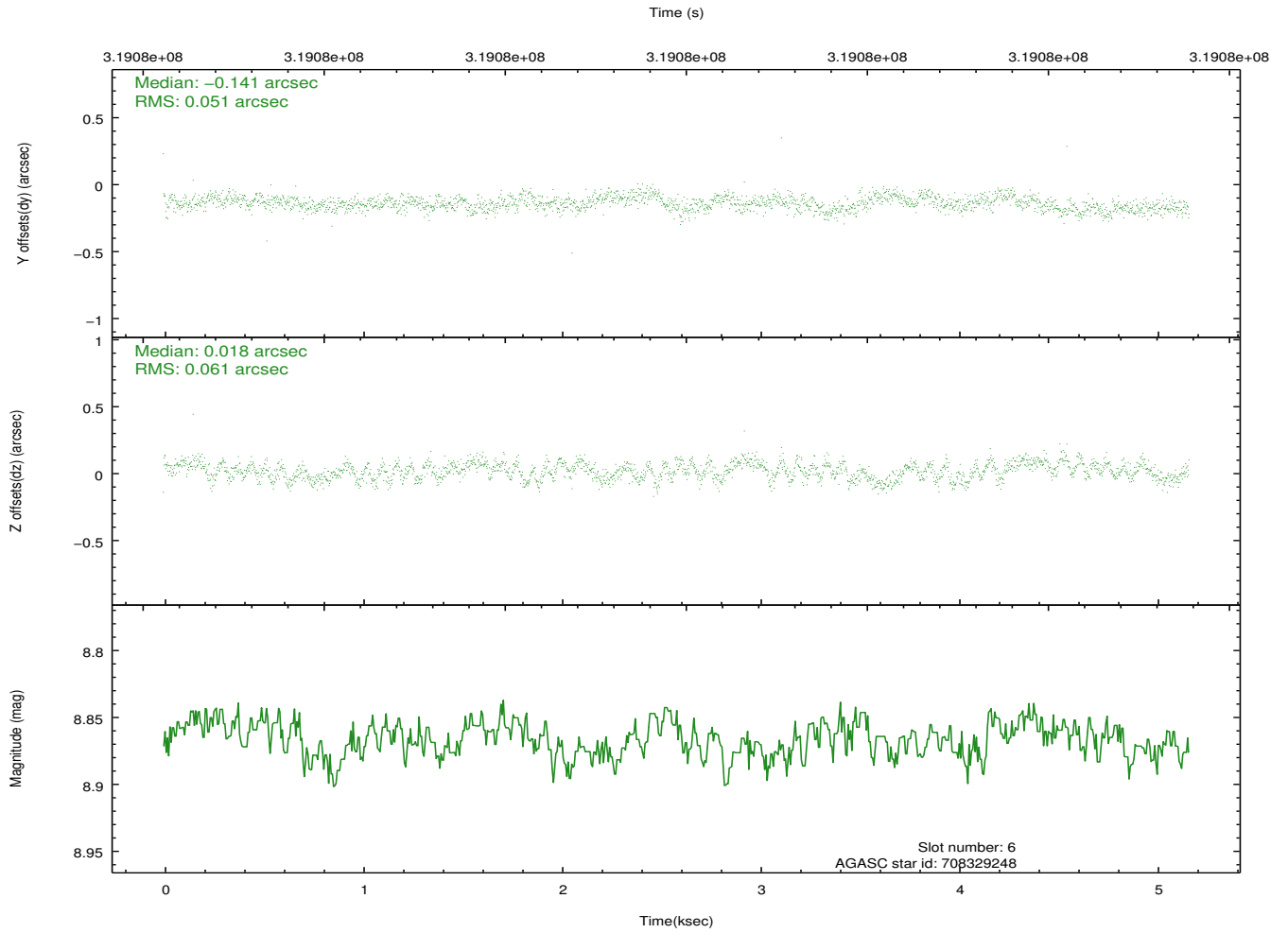
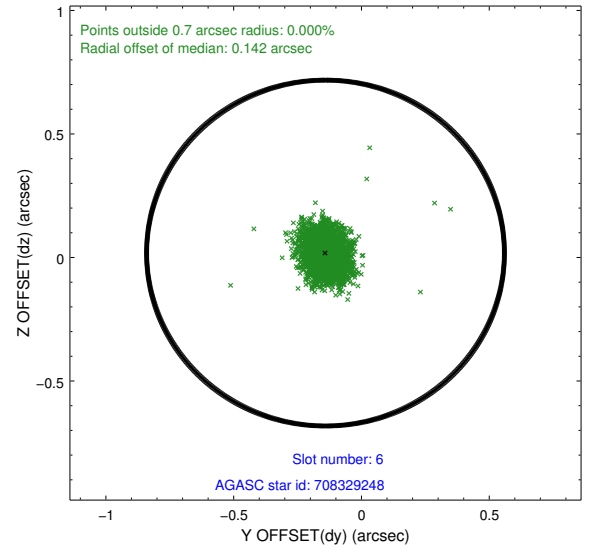
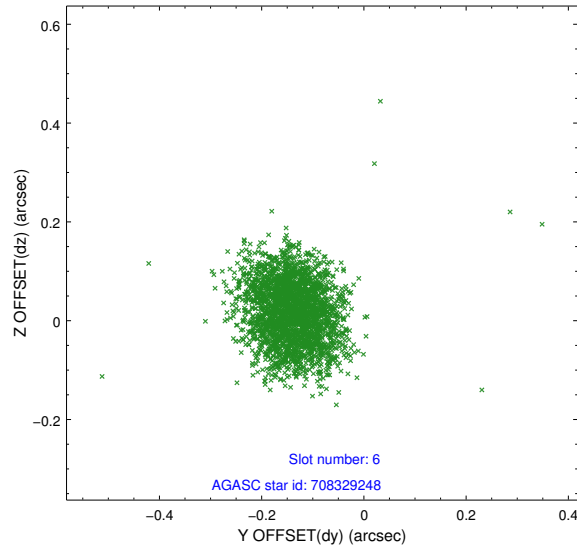
2.4.2 Slot 4



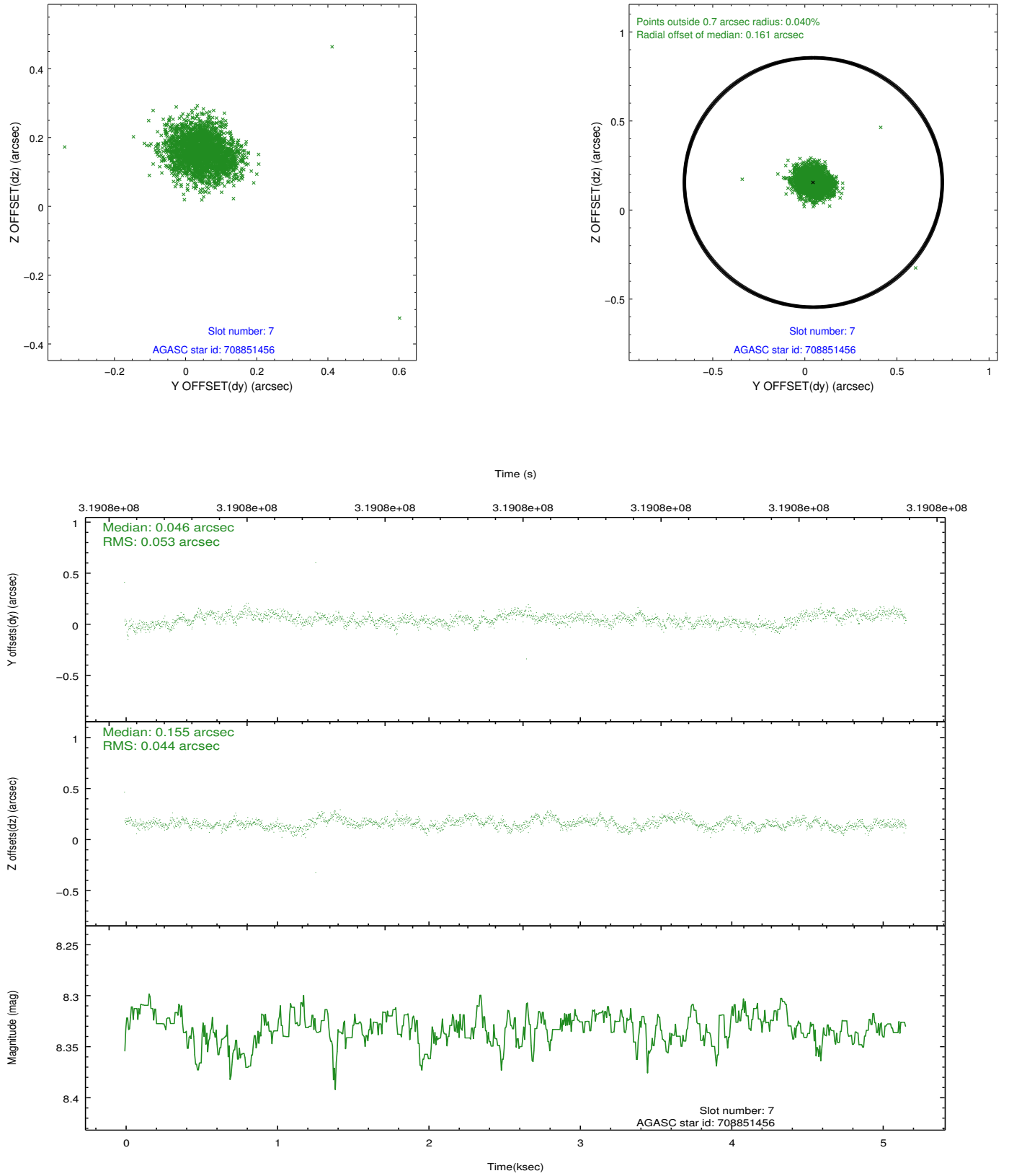
2.4.3 Slot 5



2.4.4 Slot 6

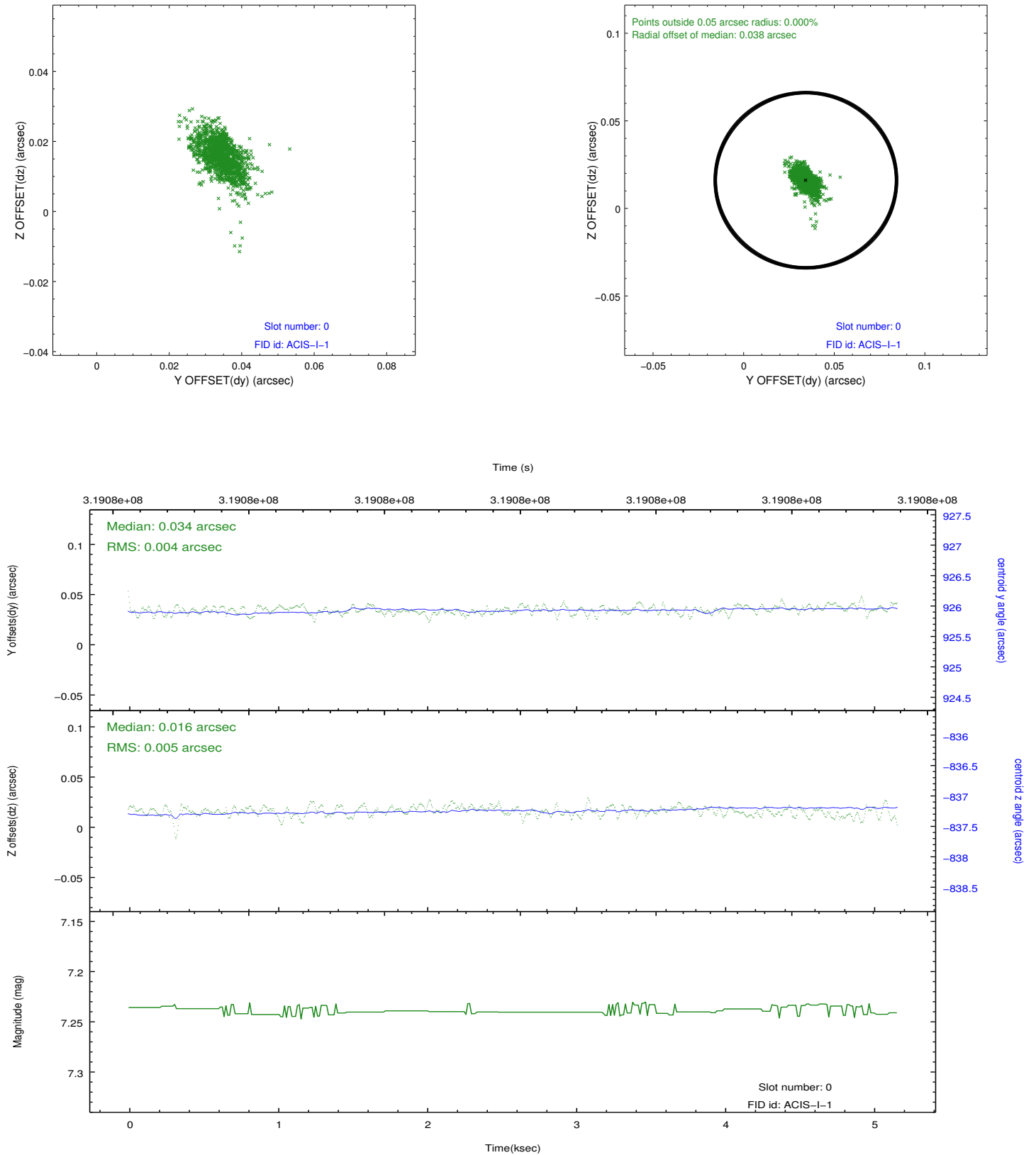


2.4.5 Slot 7

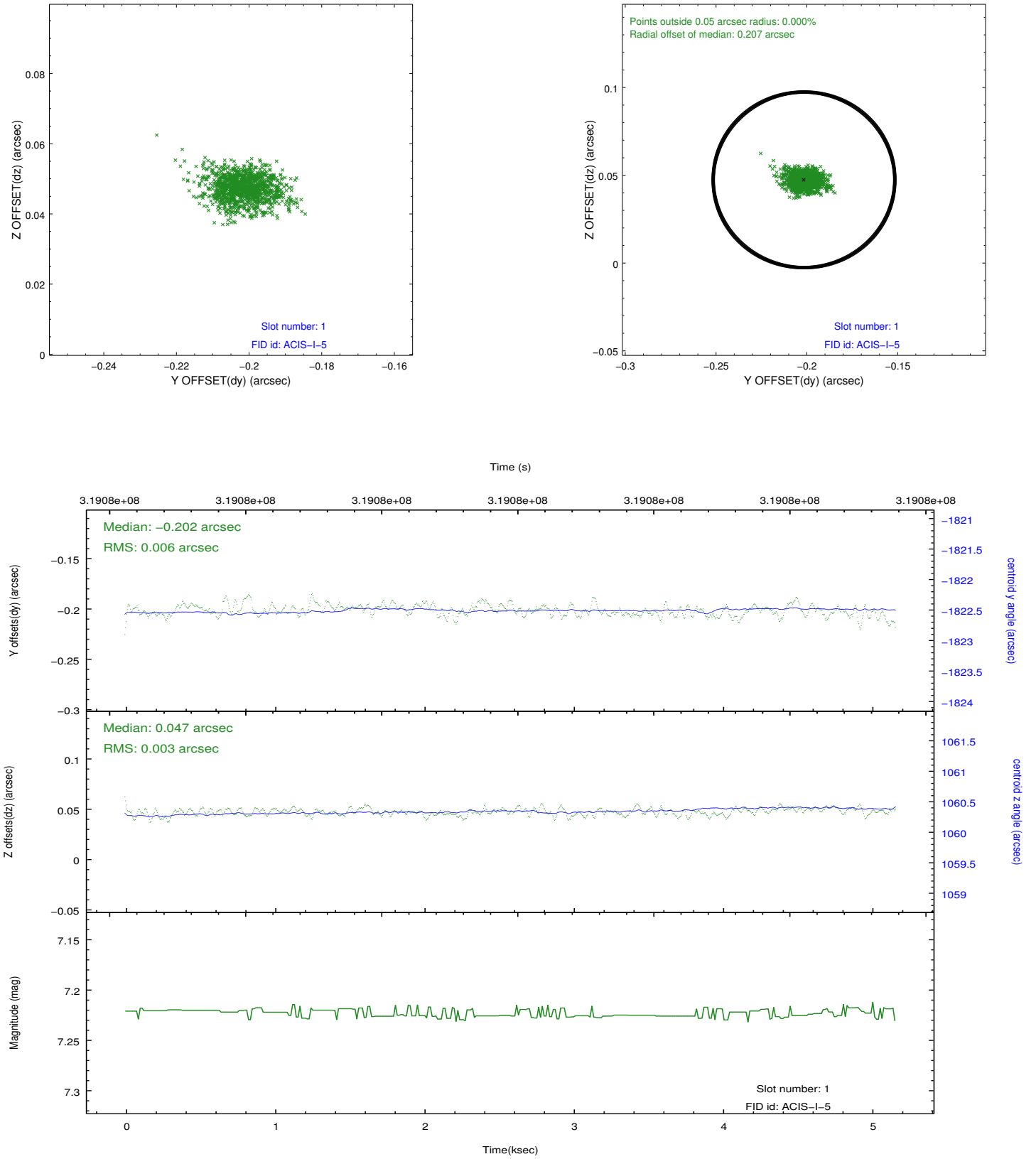


2.5 FID Slots

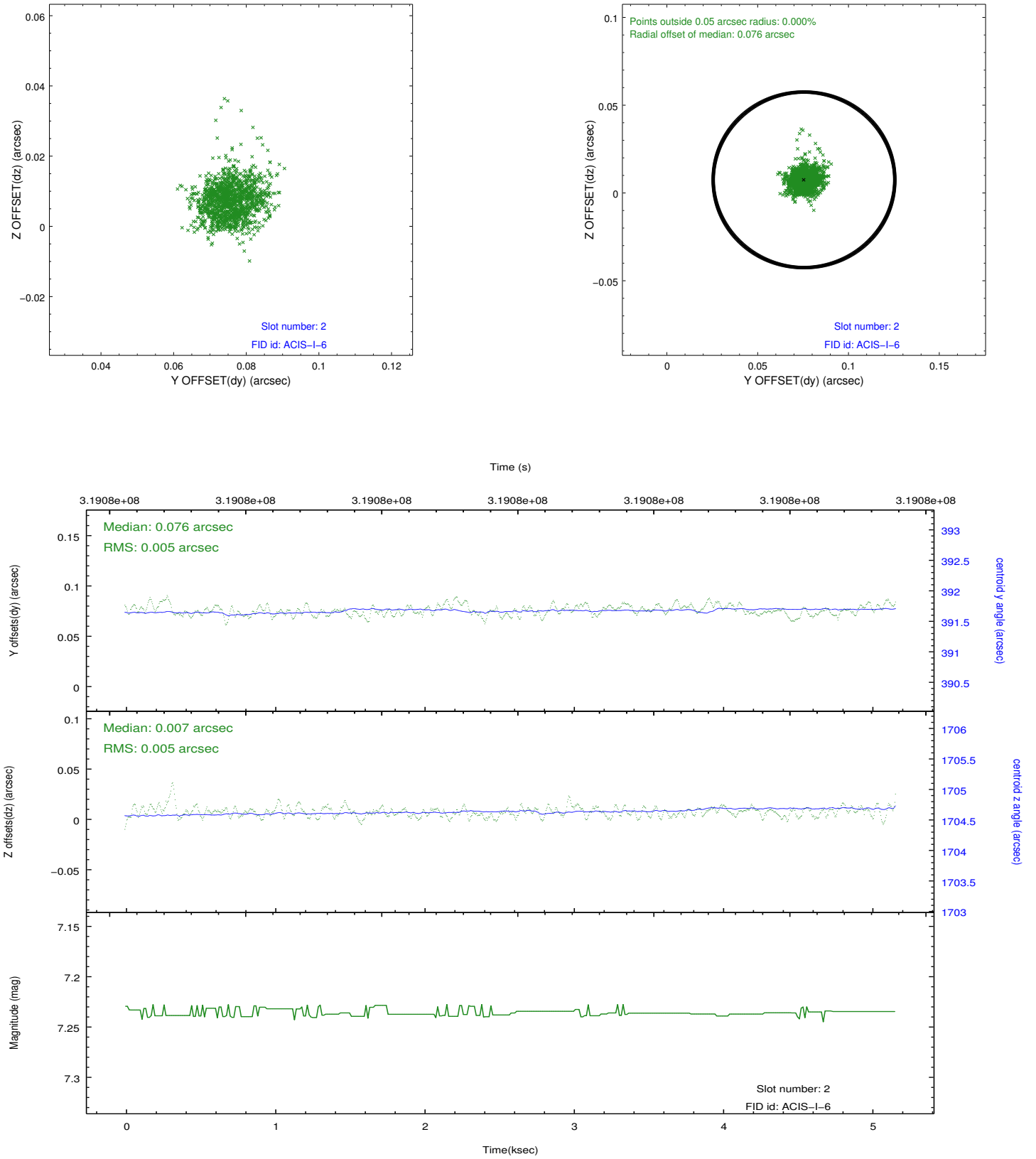
2.5.1 Slot 0



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)	2012.05.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.15839998

A.2 Comments

Joint Proposal: NOAO