

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9603 - L2 Version 2
Chandra X-Ray Center

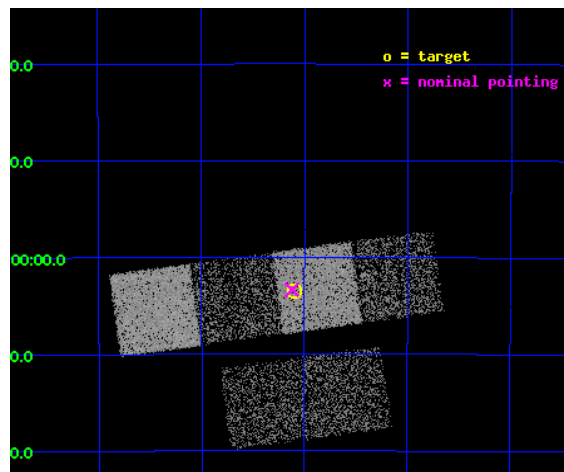
L2 Processing Date : May 16 2012

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1 Front

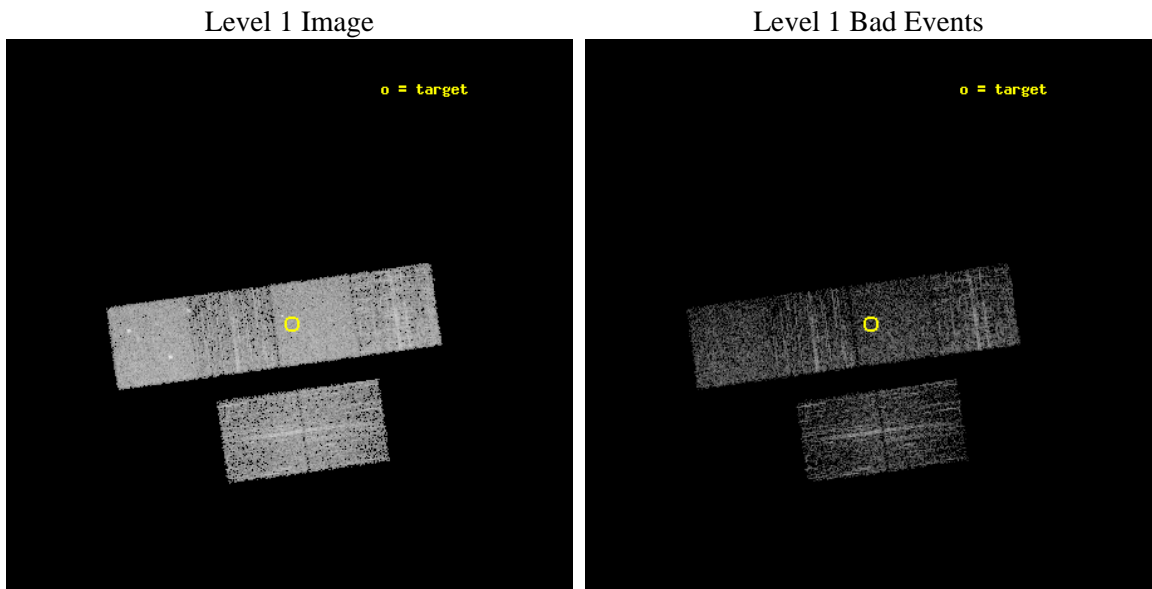
seq_num	900845	Sequence number
obs_id	9603	Observation id
title	GTO ChICAGO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J165105-4403	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	252.774167	Observer's specified target RA [deg]
dec_targ	-44.058	Observer's specified target Dec [deg]
ra_nom	252.78051631471	Nominal RA [deg]
dec_nom	-44.056022541956	Nominal Dec [deg]
roll_nom	352.16095998354	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1865.5999931097	Sum of GTIs [s]
livetime	1841.9766426675	Livetime [s]
ontime2	1865.5999931097	Sum of GTIs [s]
ontime3	1865.5999931097	Sum of GTIs [s]
ontime5	1865.5999931097	Sum of GTIs [s]
ontime6	1865.5999931097	Sum of GTIs [s]
ontime7	1865.5999931097	Sum of GTIs [s]
ontime8	1865.5999931097	Sum of GTIs [s]
l2events	30522	Number of level 2 events



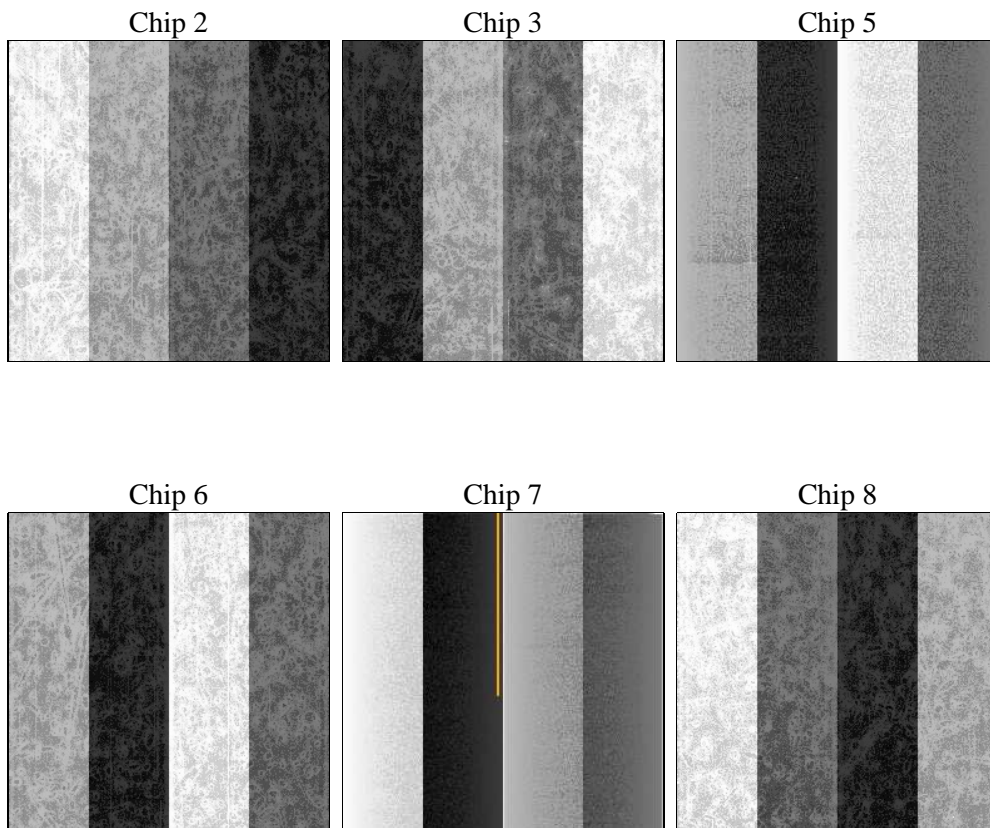
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1865.5999931097	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	1865.5999931097	Sum of GTIs [s]
date	2012-05-16T03:53:44	Date and time of file creation	ontime3	1865.5999931097	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1865.5999931097	Sum of GTIs [s]
			ontime6	1865.5999931097	Sum of GTIs [s]
			ontime7	1865.5999931097	Sum of GTIs [s]
			ontime8	1865.5999931097	Sum of GTIs [s]
			l1events	154803	Number of level 1 events

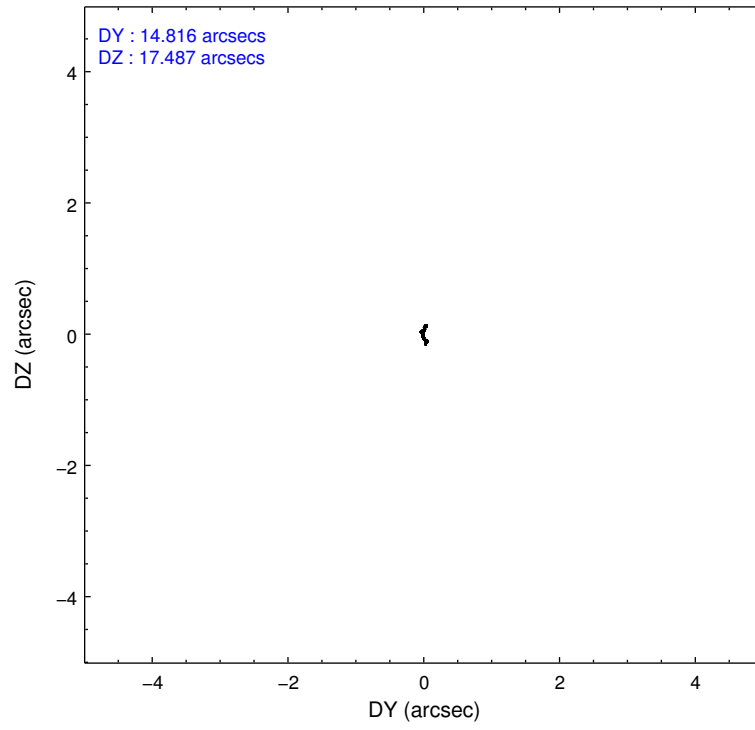
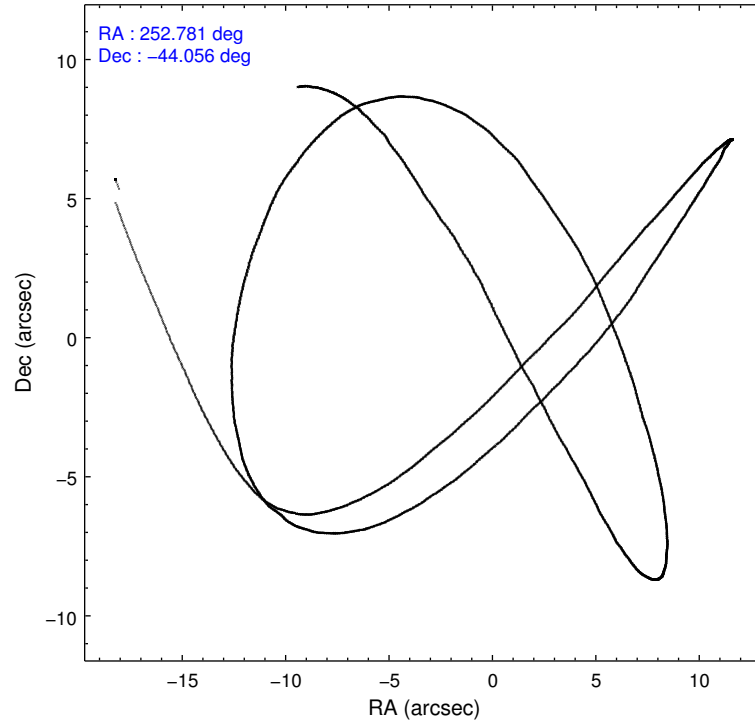
2.1.4 Events

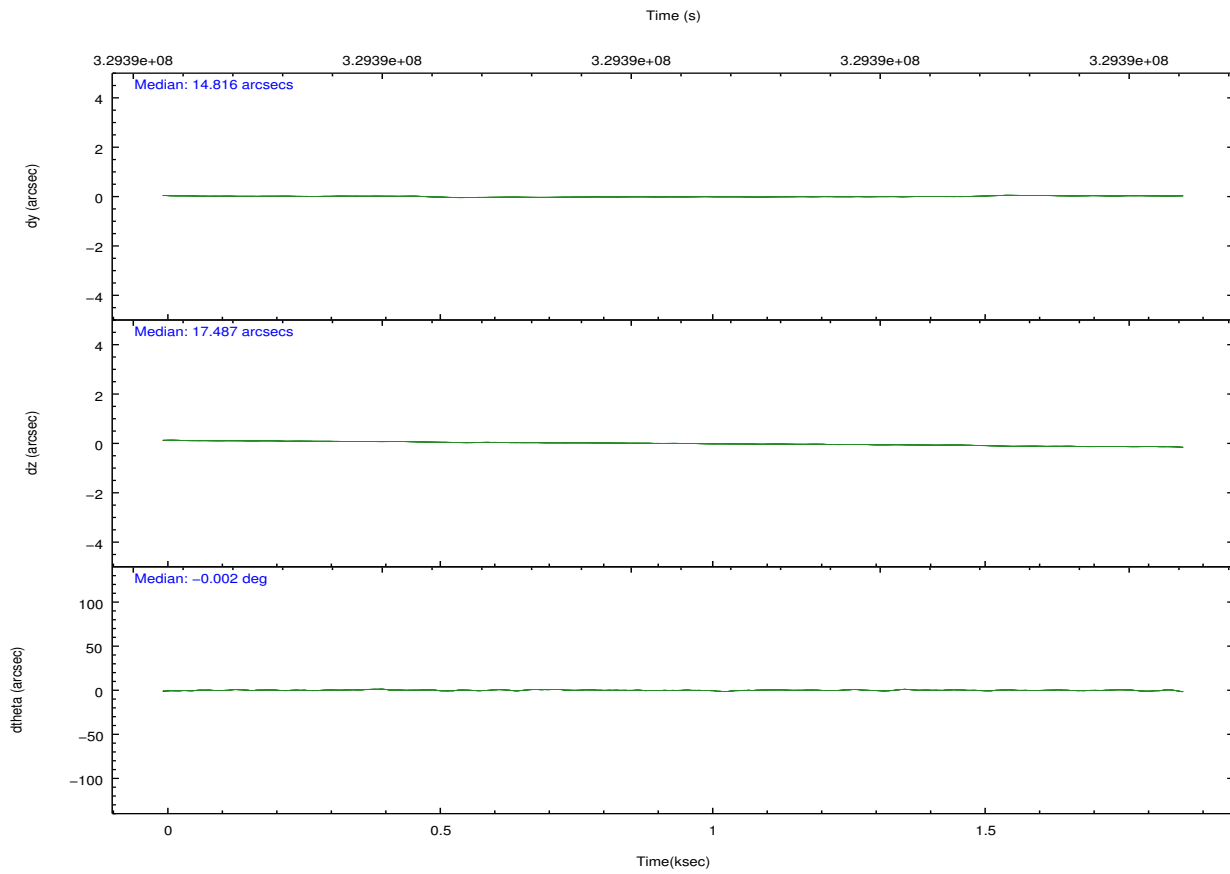
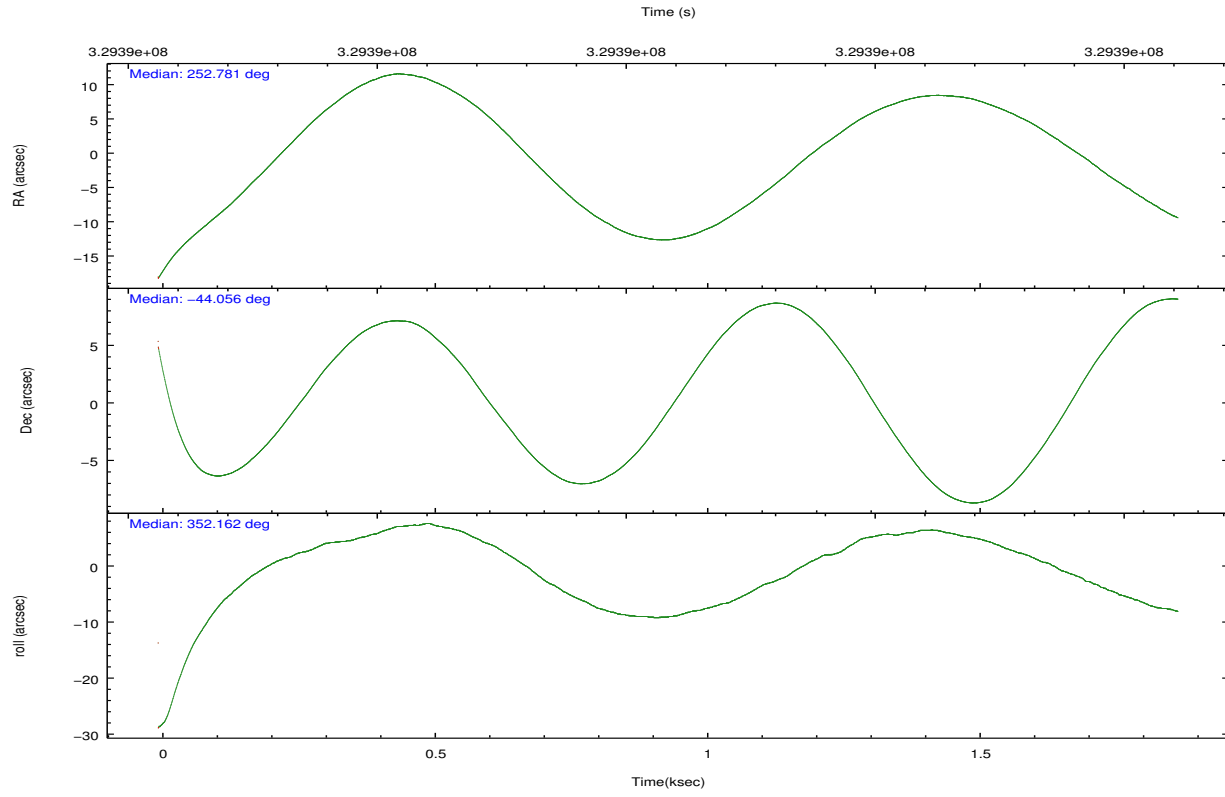
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	21078	19597	33892	22164	30018	28054	grade 0 events	1150	1082	1816	1081	1159	1924
rejected events	18941	17513	20626	19897	19342	22941		5%	5%	5%	4%	3%	6%
rejected %	89%	89%	60%	89%	64%	81%	grade 1 events	12	13	85	14	29	13
								0%	0%	0%	0%	0%	0%
							grade 2 events	529	488	4728	599	2515	1469
								2%	2%	13%	2%	8%	5%
							grade 3 events	243	263	543	234	1077	555
								1%	1%	1%	1%	3%	1%
							grade 4 events	261	221	538	239	1123	540
								1%	1%	1%	1%	3%	1%
							grade 5 events	871	1003	2334	1046	2805	1379
								4%	5%	6%	4%	9%	4%
							grade 6 events	424	440	8223	510	6801	1671
								2%	2%	24%	2%	22%	5%
							grade 7 events	17588	16087	15625	18441	14509	20503
								83%	82%	46%	83%	48%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	252.745295	252.7805163147083	CCD I2 on	O2	Y
[deg] Pointing Dec	-44.066696	-44.05602254195557	CCD I3 on	O3	Y
[deg] Pointing Roll	351.979922	352.1609599835447	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	O1	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O5	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O4	Y
[s] Observation start time (MET)	329386820.184000	329385573.80156	CCD S5 on	N	N
Observation start date	2008-06-09T08:19:15	2008-06-09T07:59:33	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	329388520.184000	329389280.20174	On-chip summing requested	N	N
Observation end date	2008-06-09T08:47:35	2008-06-09T09:01:20	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



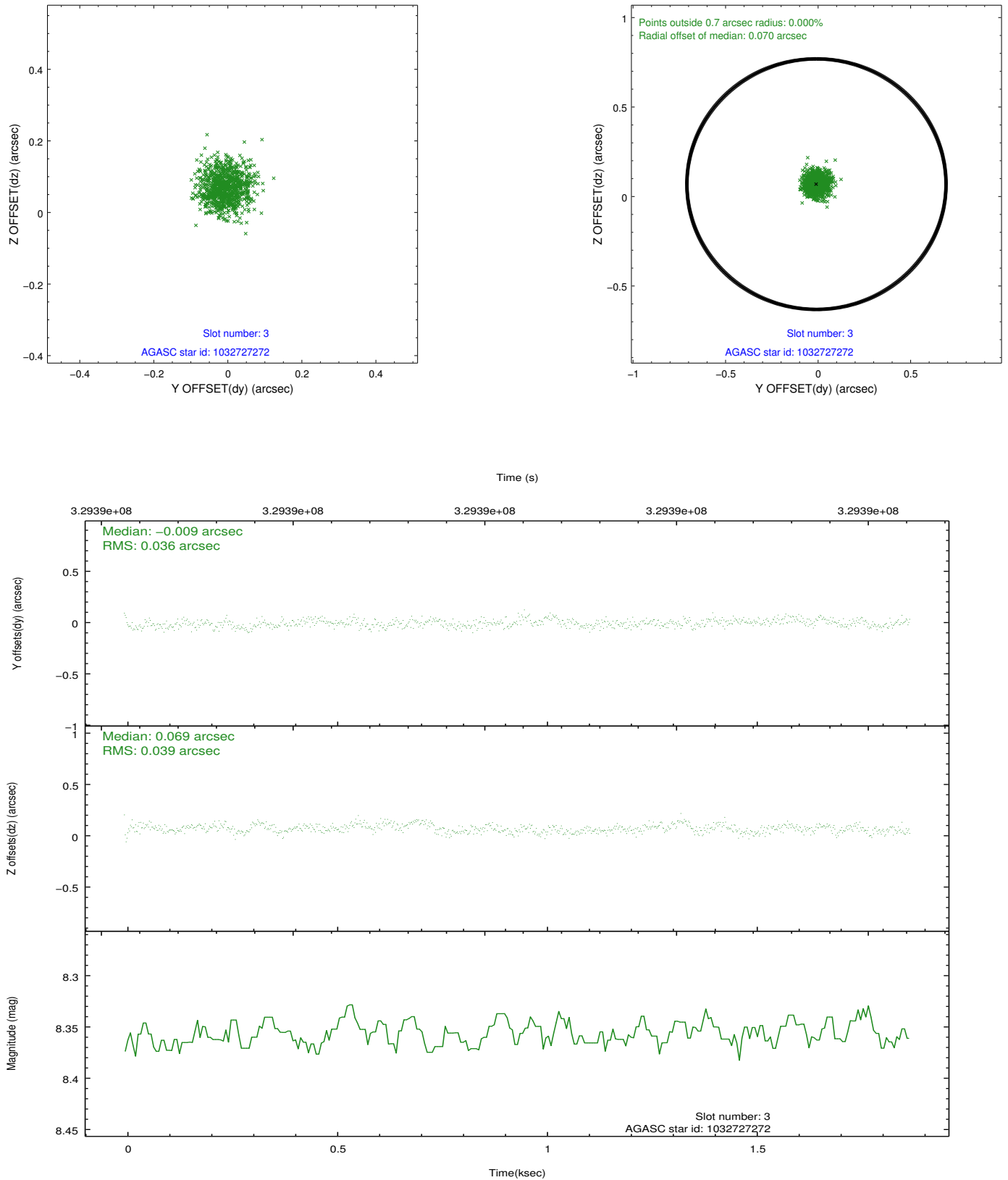


Slot Statistics

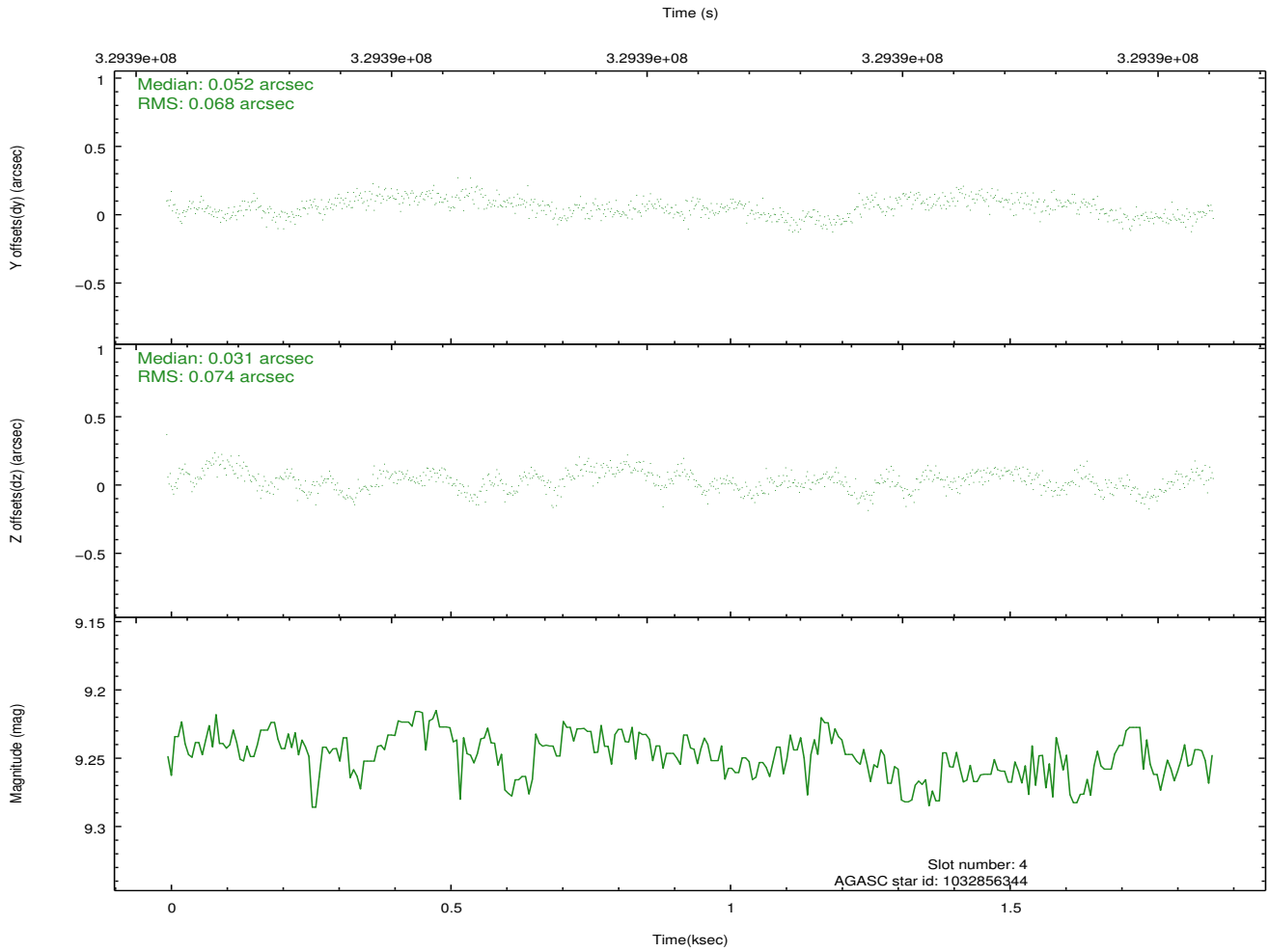
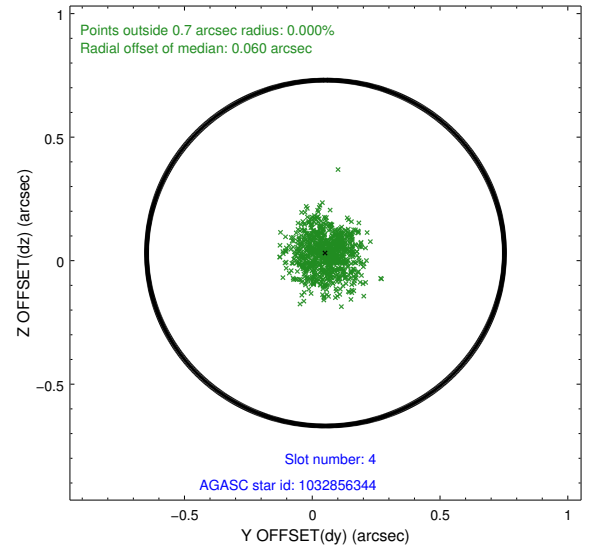
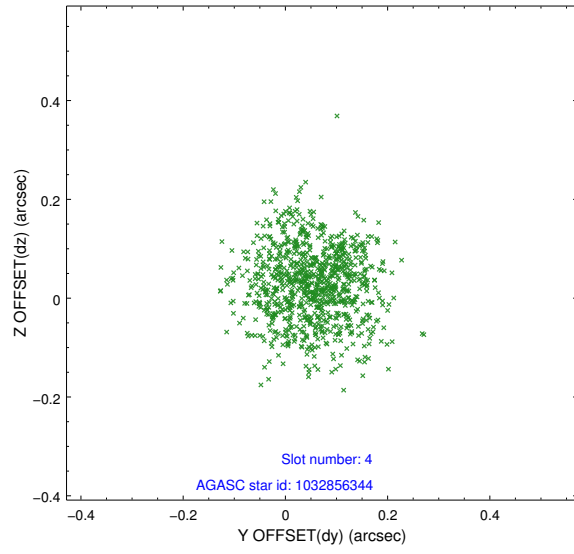
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	457	-0.045	-0.013	0.007	0.011	0.000000	0.000000	-767.88	-1738.92
1	FID	ACIS-S-4	6.94	457	0.119	0.025	0.007	0.012	0.000000	0.000000	2144.01	165.88
2	FID	ACIS-S-5	6.98	457	-0.105	-0.004	0.007	0.017	0.000000	0.000000	-1816.24	163.62
3	GUIDE	1032727272	8.36	914	-0.009	0.069	0.057	0.089	251.947645	-43.938369	-2110.95	158.96
4	GUIDE	1032856344	9.25	912	0.052	0.031	0.108	0.169	253.308302	-43.749430	1288.56	1330.53
5	GUIDE	1032862008	9.02	914	-0.091	-0.036	0.077	0.125	253.528180	-43.764940	1866.26	1351.55
6	GUIDE	1032867928	8.34	914	-0.070	-0.035	0.072	0.118	253.057857	-43.542782	546.22	1981.26
7	GUIDE	1032868824	9.20	909	0.115	-0.030	0.087	0.141	252.602108	-44.023242	-388.28	104.54

2.4 Star Slots

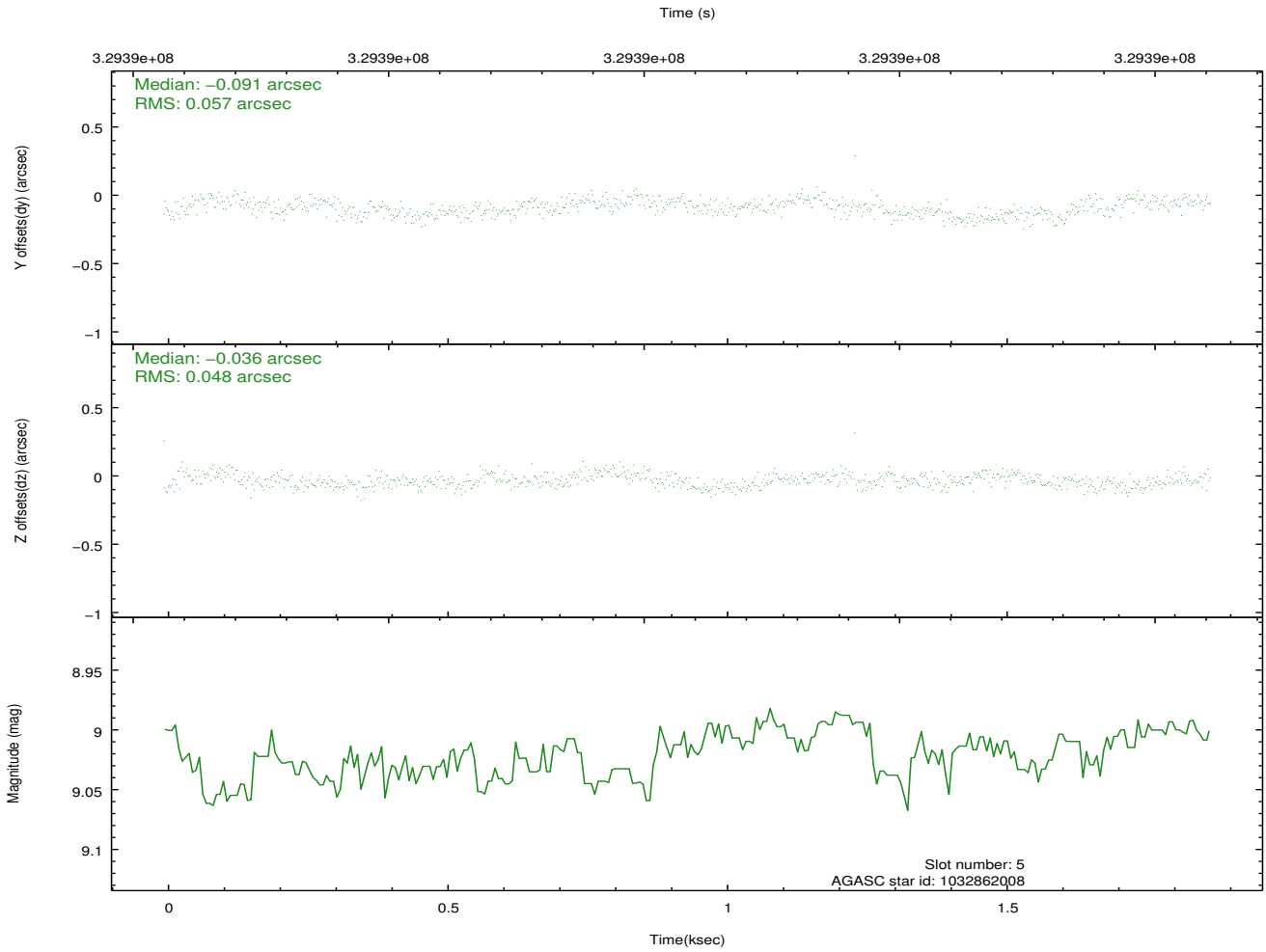
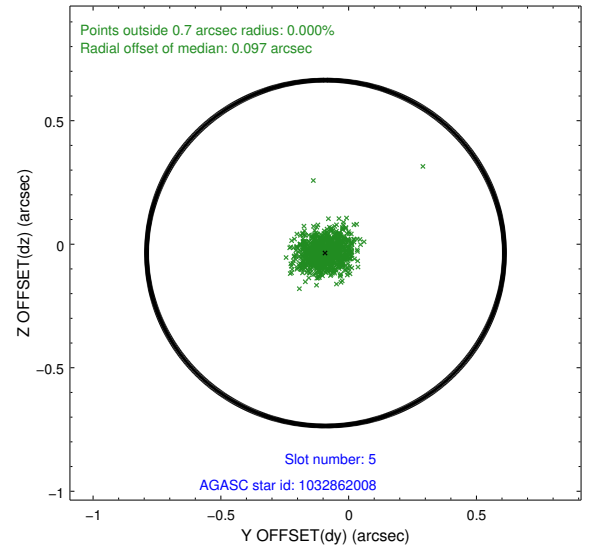
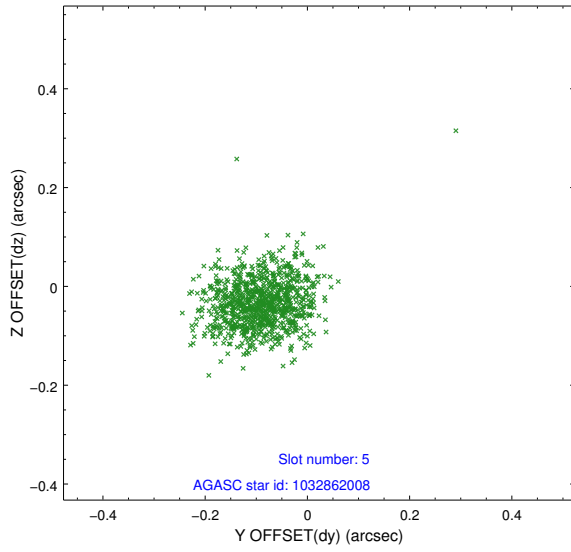
2.4.1 Slot 3



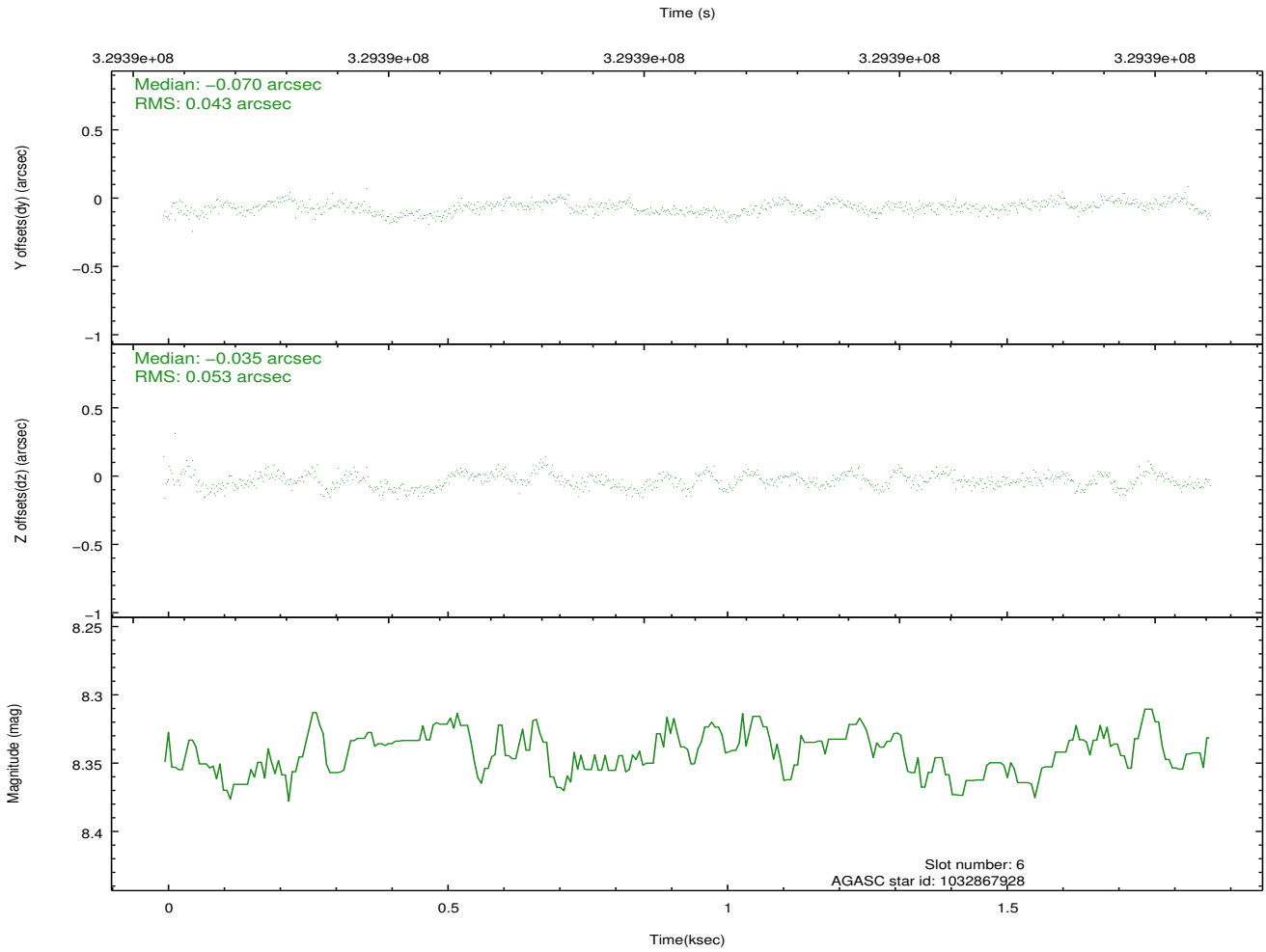
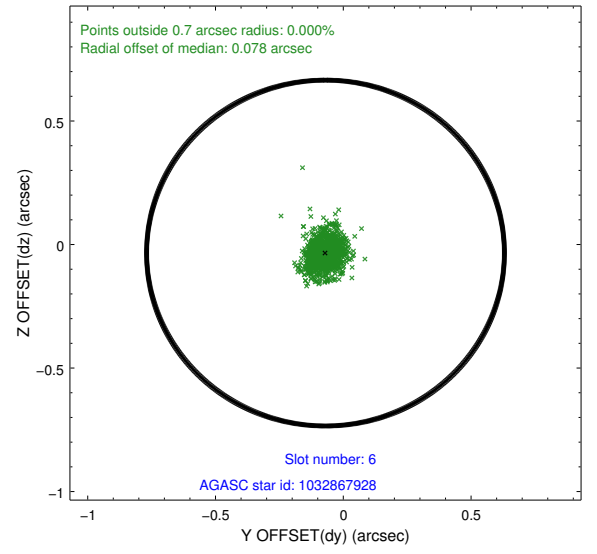
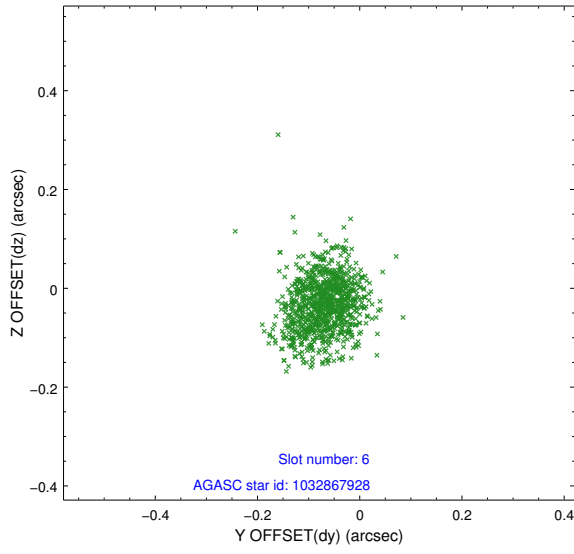
2.4.2 Slot 4



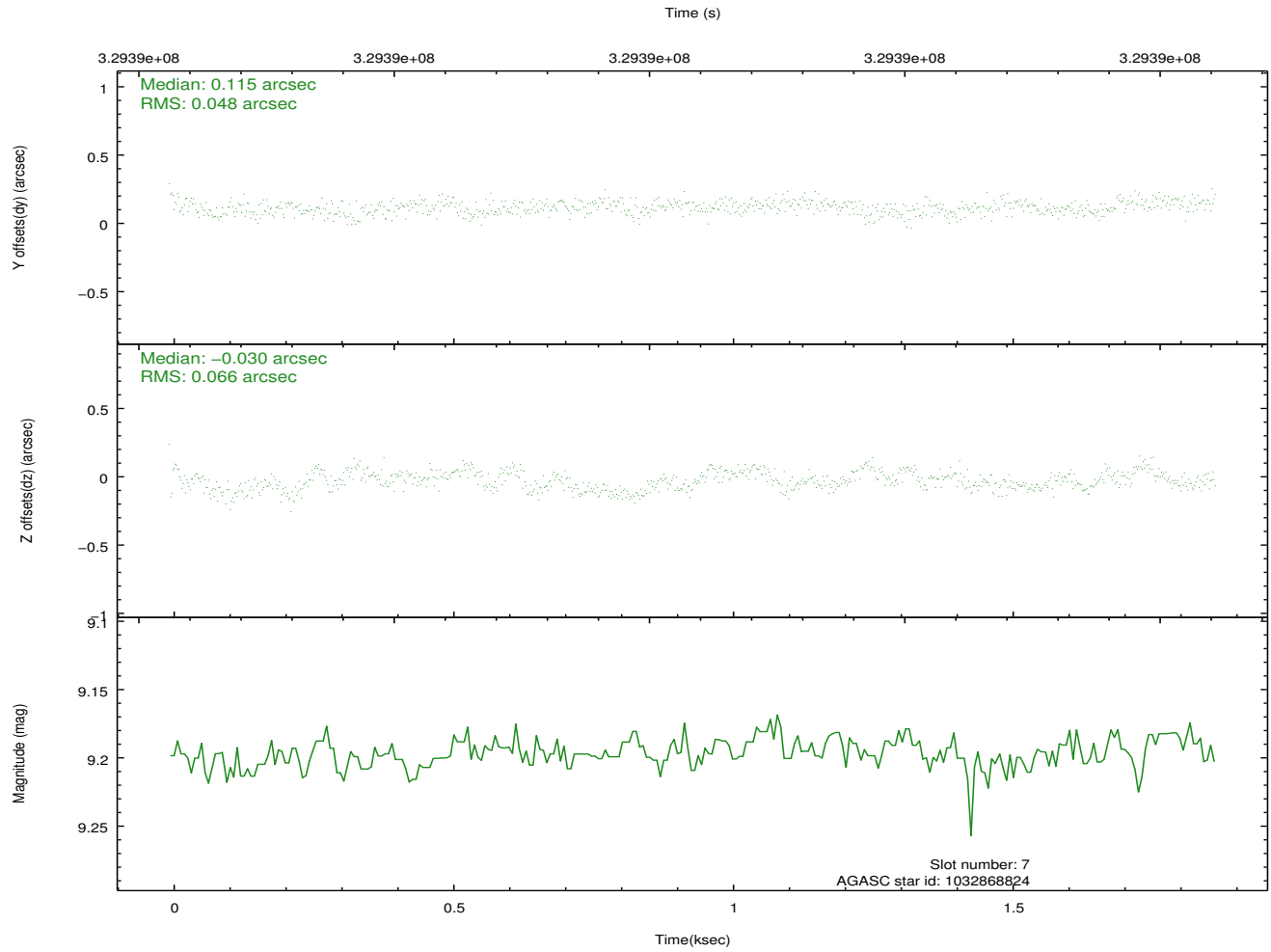
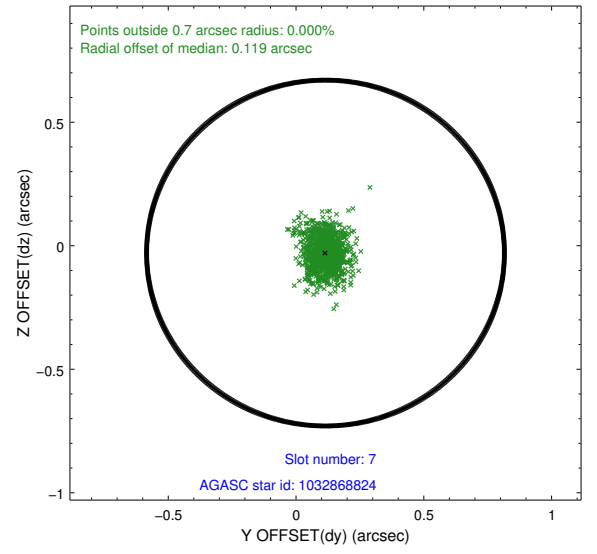
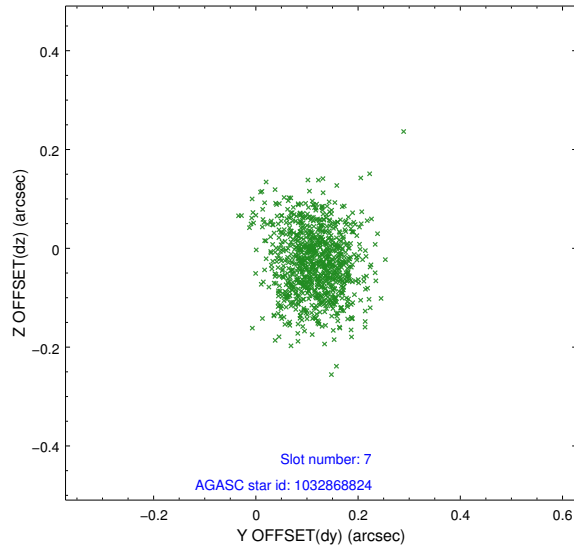
2.4.3 Slot 5



2.4.4 Slot 6

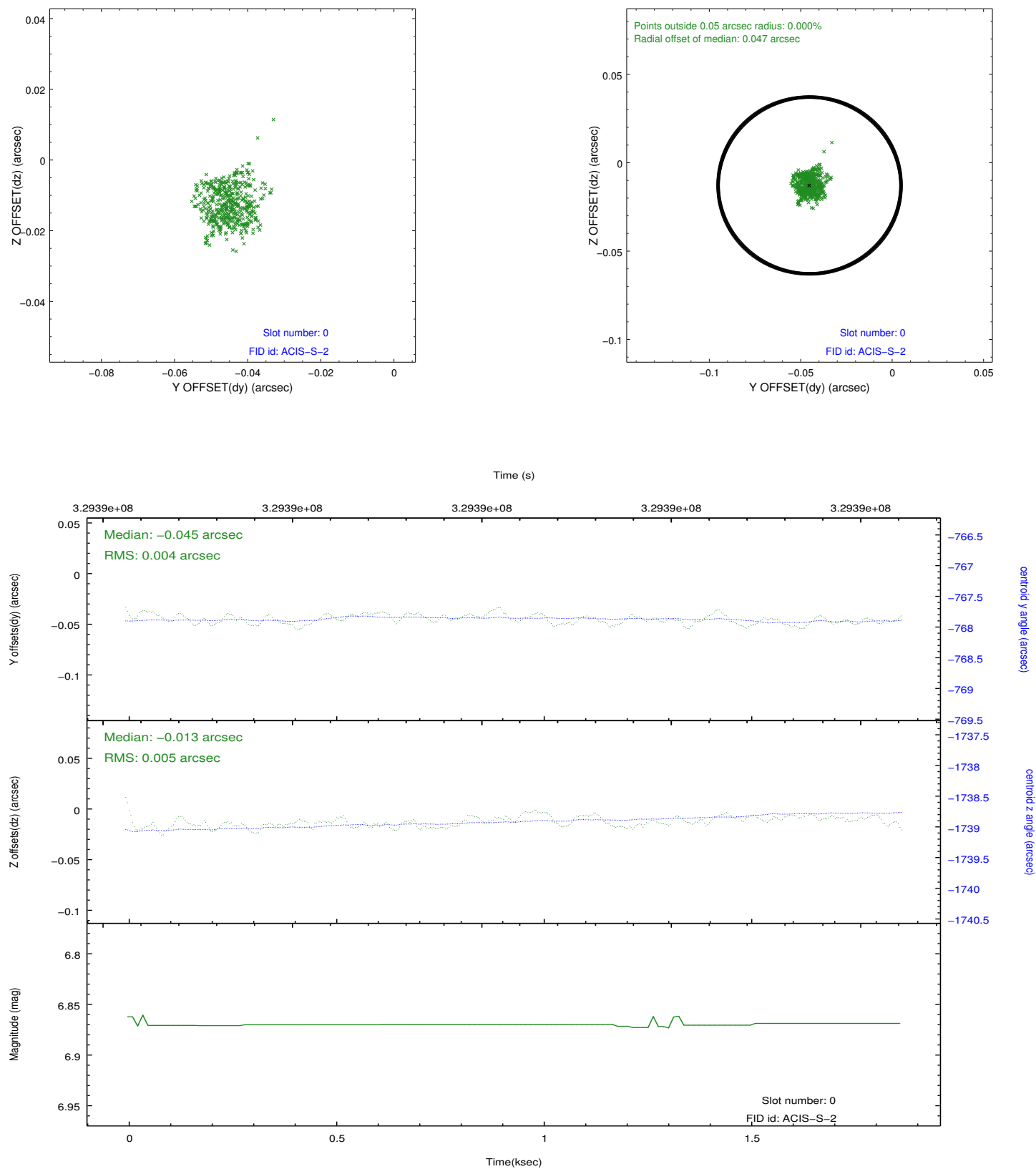


2.4.5 Slot 7

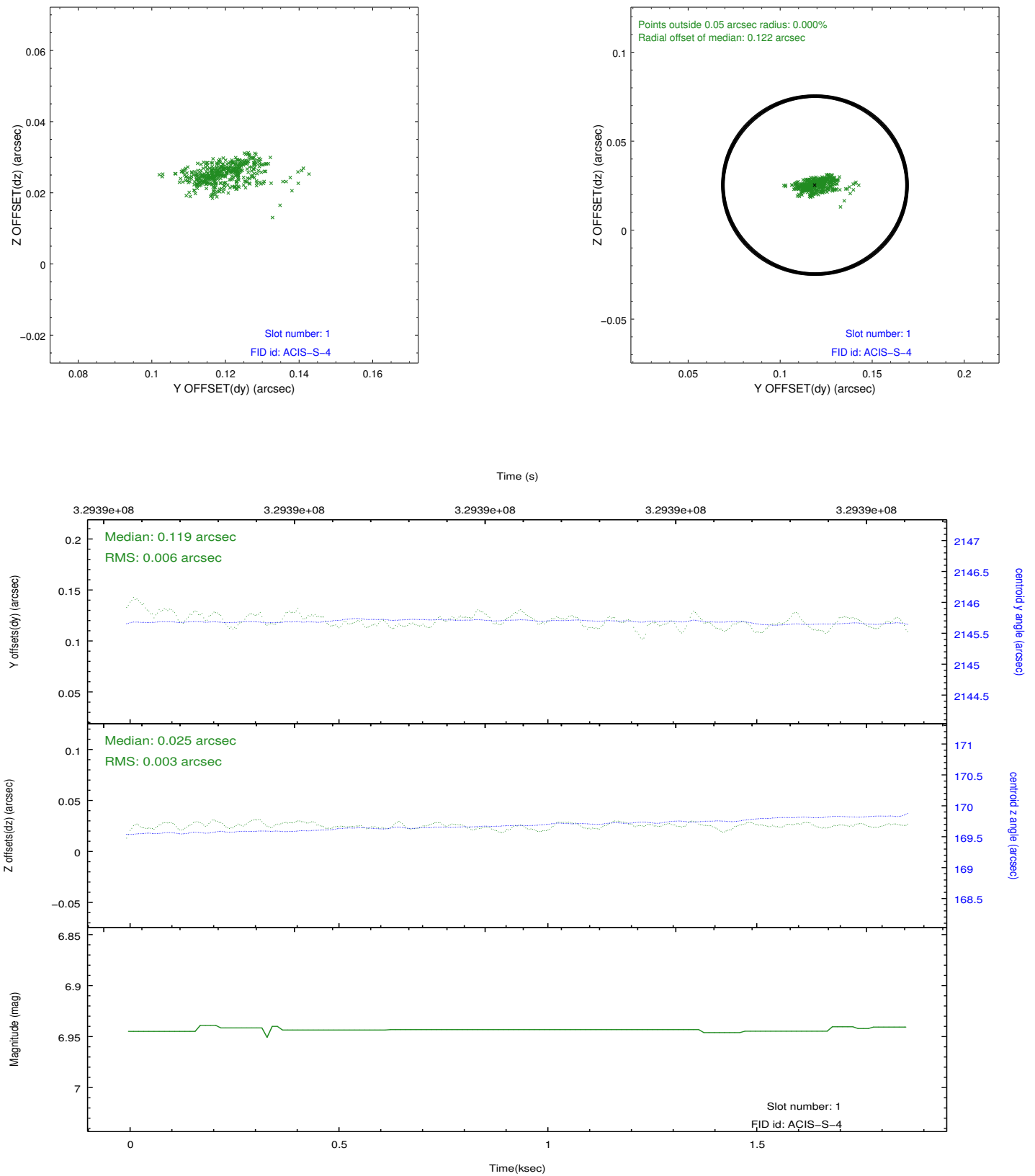


2.5 FID Slots

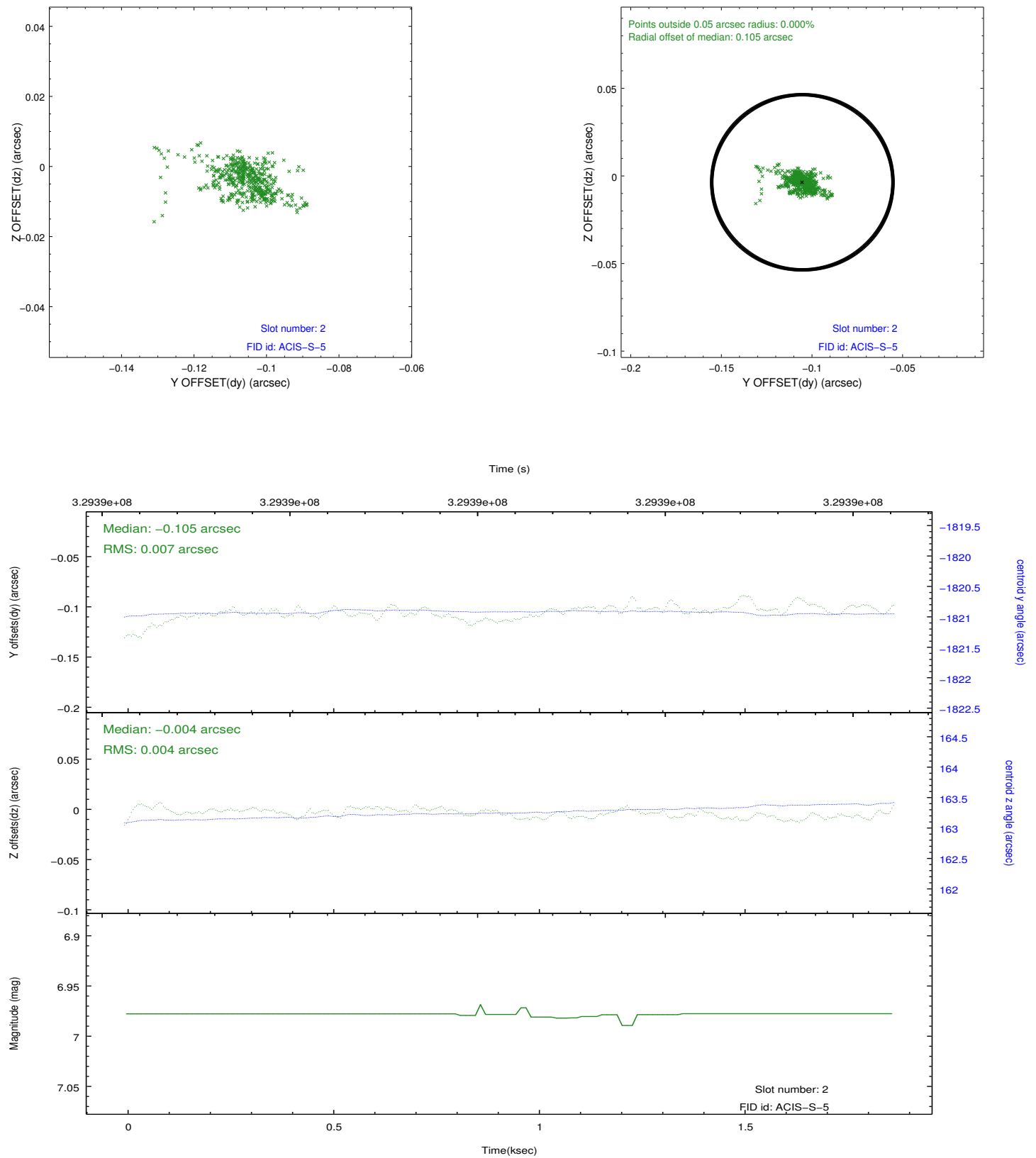
2.5.1 Slot 0



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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.86559999

A.2 Comments