

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8150 - L2 Version 2
Chandra X-Ray Center

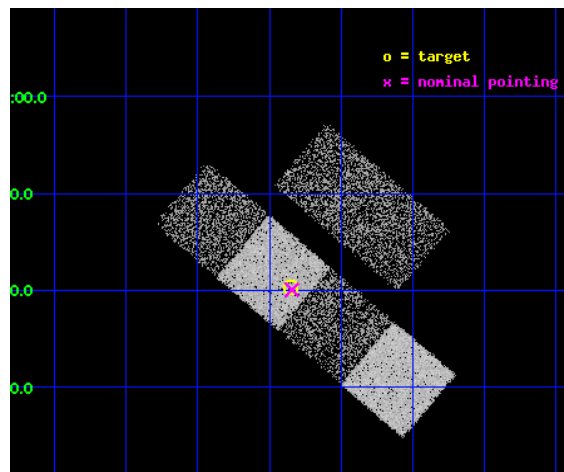
L2 Processing Date : Apr 28 2012

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1 Front

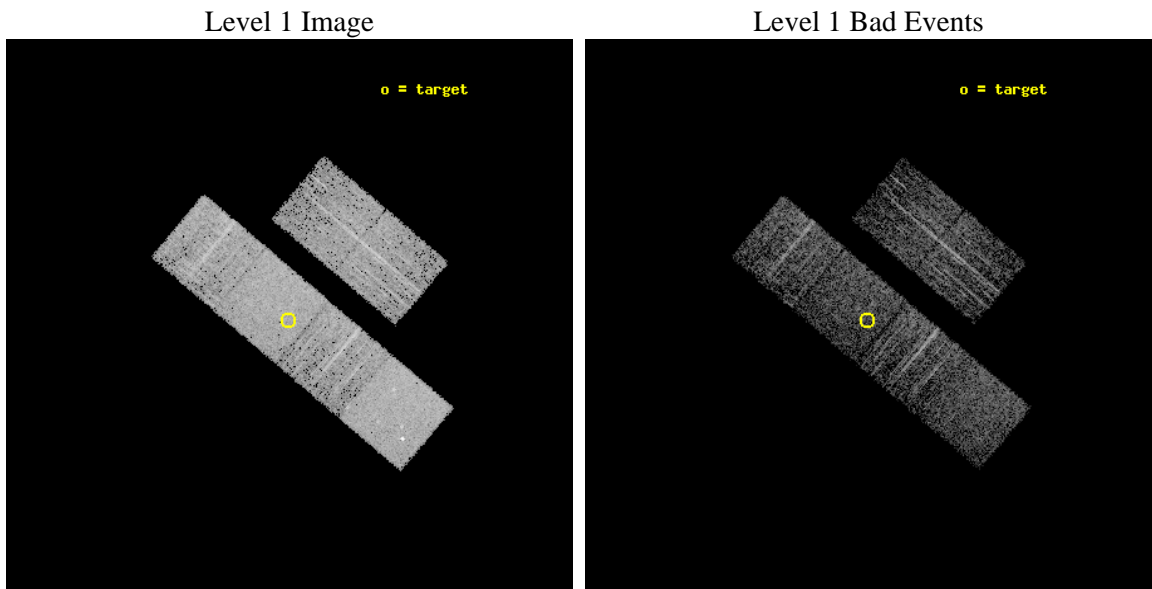
seq_num	900691	Sequence number
obs_id	8150	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J185750+0240	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	284.462083	Observer's specified target RA [deg]
dec_targ	2.672	Observer's specified target Dec [deg]
ra_nom	284.46074204962	Nominal RA [deg]
dec_nom	2.6673821086296	Nominal Dec [deg]
roll_nom	220.24389754966	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2243.199991703	Sum of GTIs [s]
livetime	2214.7952427152	Livetime [s]
ontime2	2243.199991703	Sum of GTIs [s]
ontime3	2243.199991703	Sum of GTIs [s]
ontime5	2243.199991703	Sum of GTIs [s]
ontime6	2243.199991703	Sum of GTIs [s]
ontime7	2243.199991703	Sum of GTIs [s]
ontime8	2243.199991703	Sum of GTIs [s]
l2events	36329	Number of level 2 events



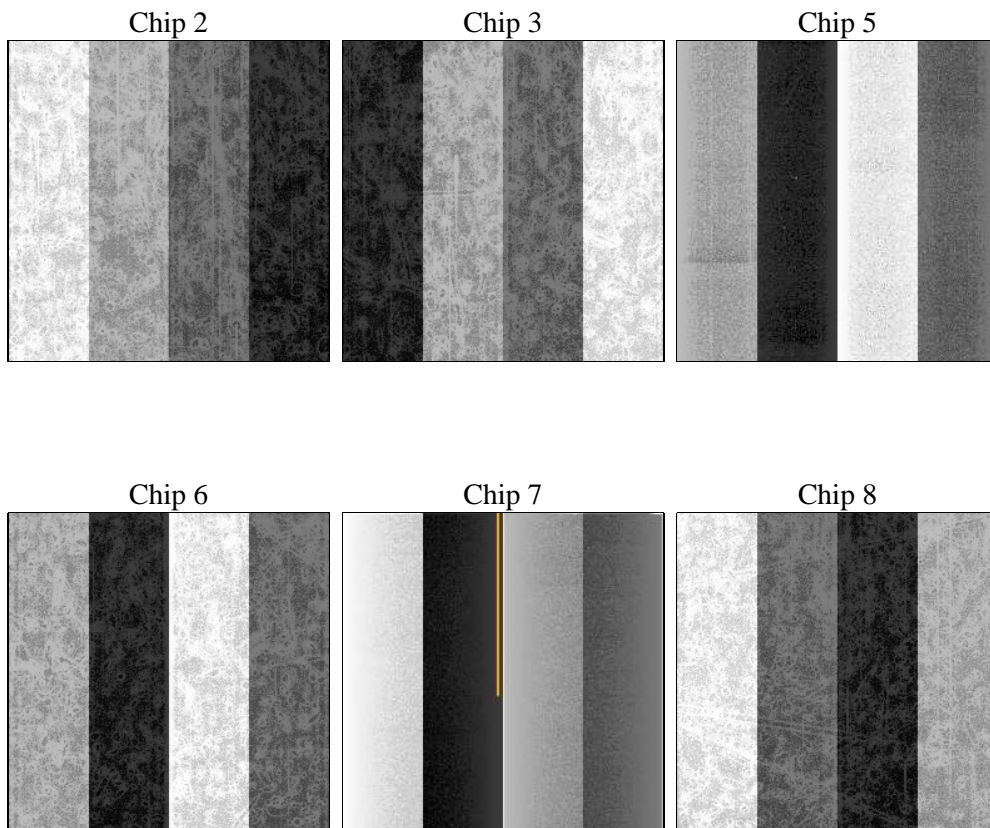
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2243.199991703	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	2243.199991703	Sum of GTIs [s]
date	2012-04-28T14:06:15	Date and time of file creation	ontime3	2243.199991703	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2243.199991703	Sum of GTIs [s]
			ontime6	2243.199991703	Sum of GTIs [s]
			ontime7	2243.199991703	Sum of GTIs [s]
			ontime8	2243.199991703	Sum of GTIs [s]
			l1events	173188	Number of level 1 events

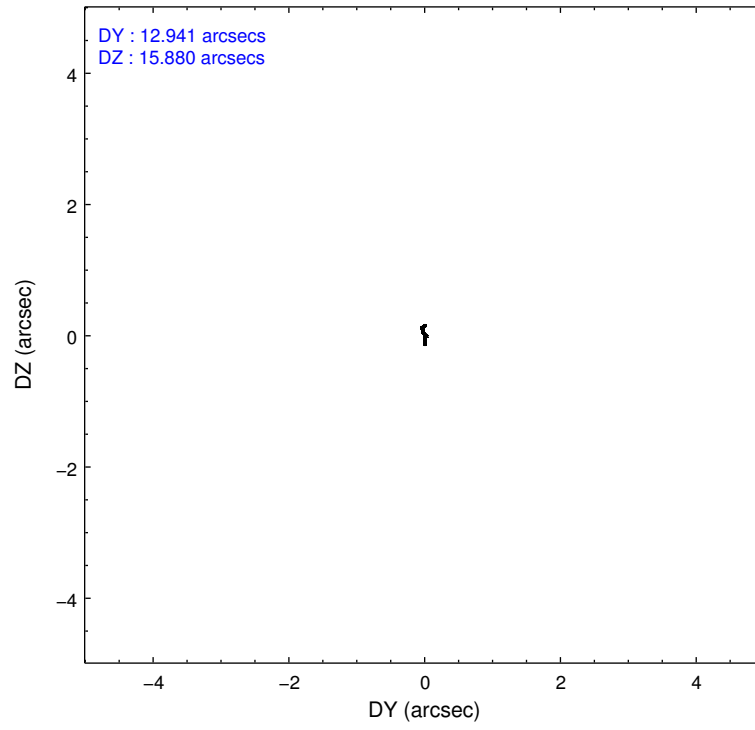
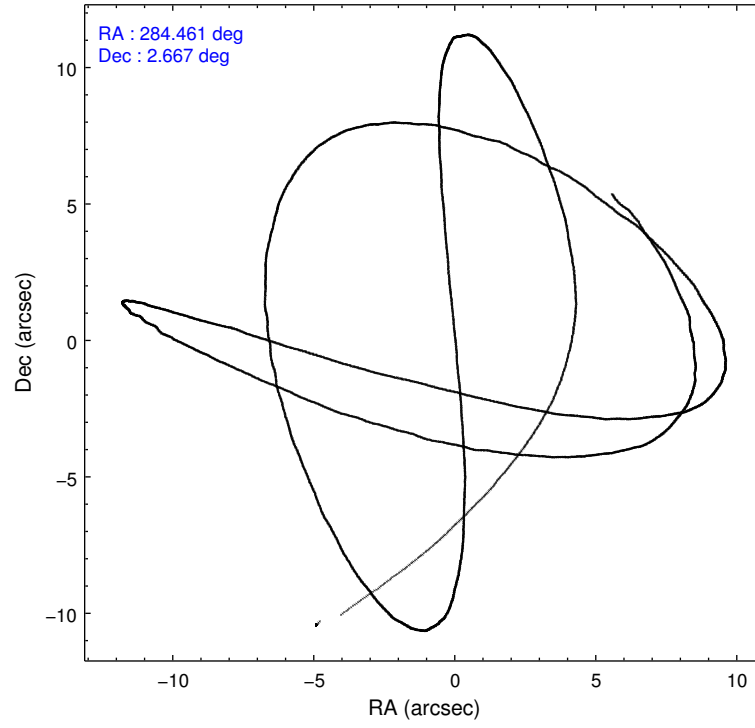
2.1.4 Events

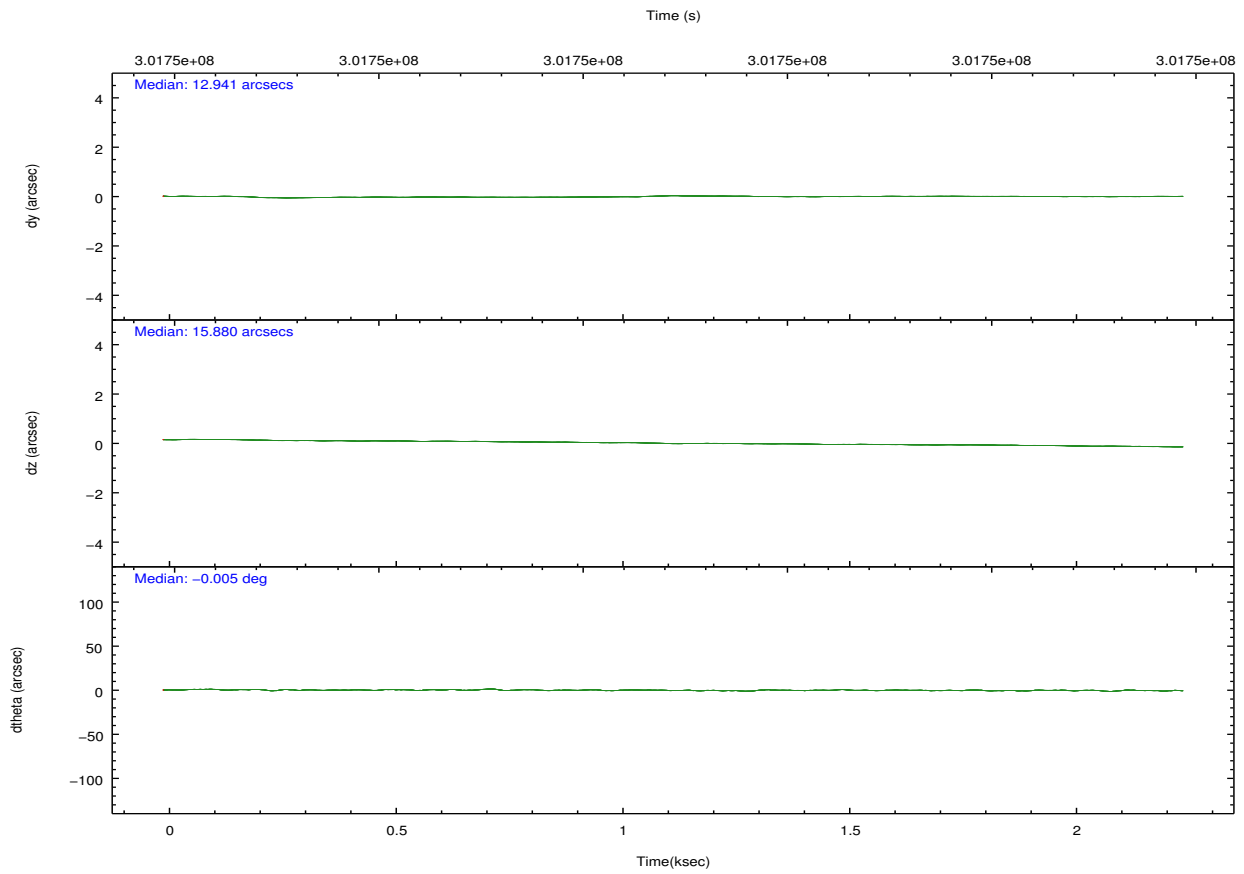
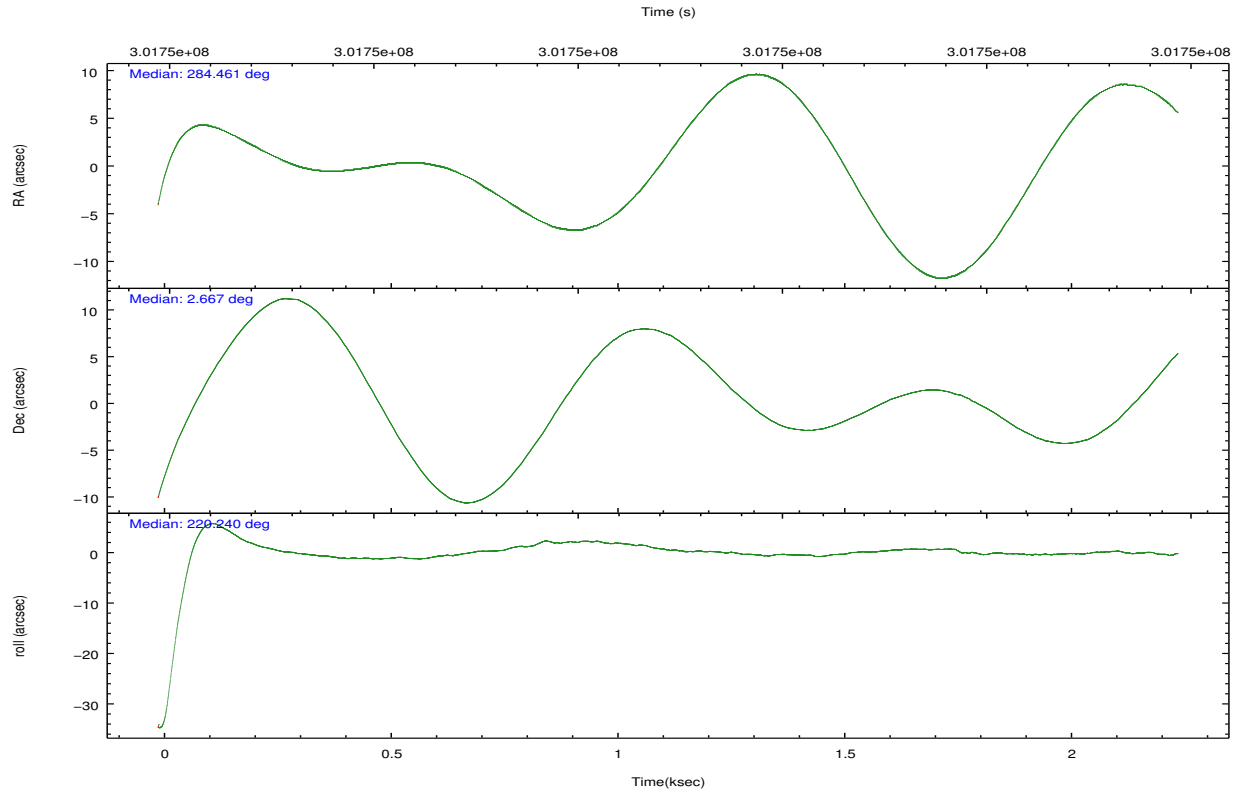
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	24395	22490	37460	25422	33353	30068	grade 0 events	1341	1278	1696	1163	1211	2184
rejected events	21670	19811	21671	22763	20667	24013		5%	5%	4%	4%	3%	7%
rejected %	88%	88%	57%	89%	61%	79%	grade 1 events	18	24	71	11	37	26
								0%	0%	0%	0%	0%	0%
							grade 2 events	609	626	5589	637	2926	1472
								2%	2%	14%	2%	8%	4%
							grade 3 events	273	296	610	282	1195	671
								1%	1%	1%	1%	3%	2%
							grade 4 events	278	252	624	291	1236	682
								1%	1%	1%	1%	3%	2%
							grade 5 events	974	1116	2622	1136	3078	1484
								3%	4%	6%	4%	9%	4%
							grade 6 events	511	526	8972	591	7471	1745
								2%	2%	23%	2%	22%	5%
							grade 7 events	20391	18372	17276	21311	16199	21804
								83%	81%	46%	83%	48%	72%

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	284.469474	284.4607420496232	CCD I2 on	O2	Y
[deg] Pointing Dec	2.693242	2.667382108629558	CCD I3 on	O3	Y
[deg] Pointing Roll	220.087089	220.2438975496616	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)	301745735.184000	301744560.95086	CCD S5 on	N	N
Observation start date	2007-07-25T10:14:30	2007-07-25T09:56:00	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	301747835.184000	301748752.68856	On-chip summing requested	N	N
Observation end date	2007-07-25T10:49:30	2007-07-25T11:05:52	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



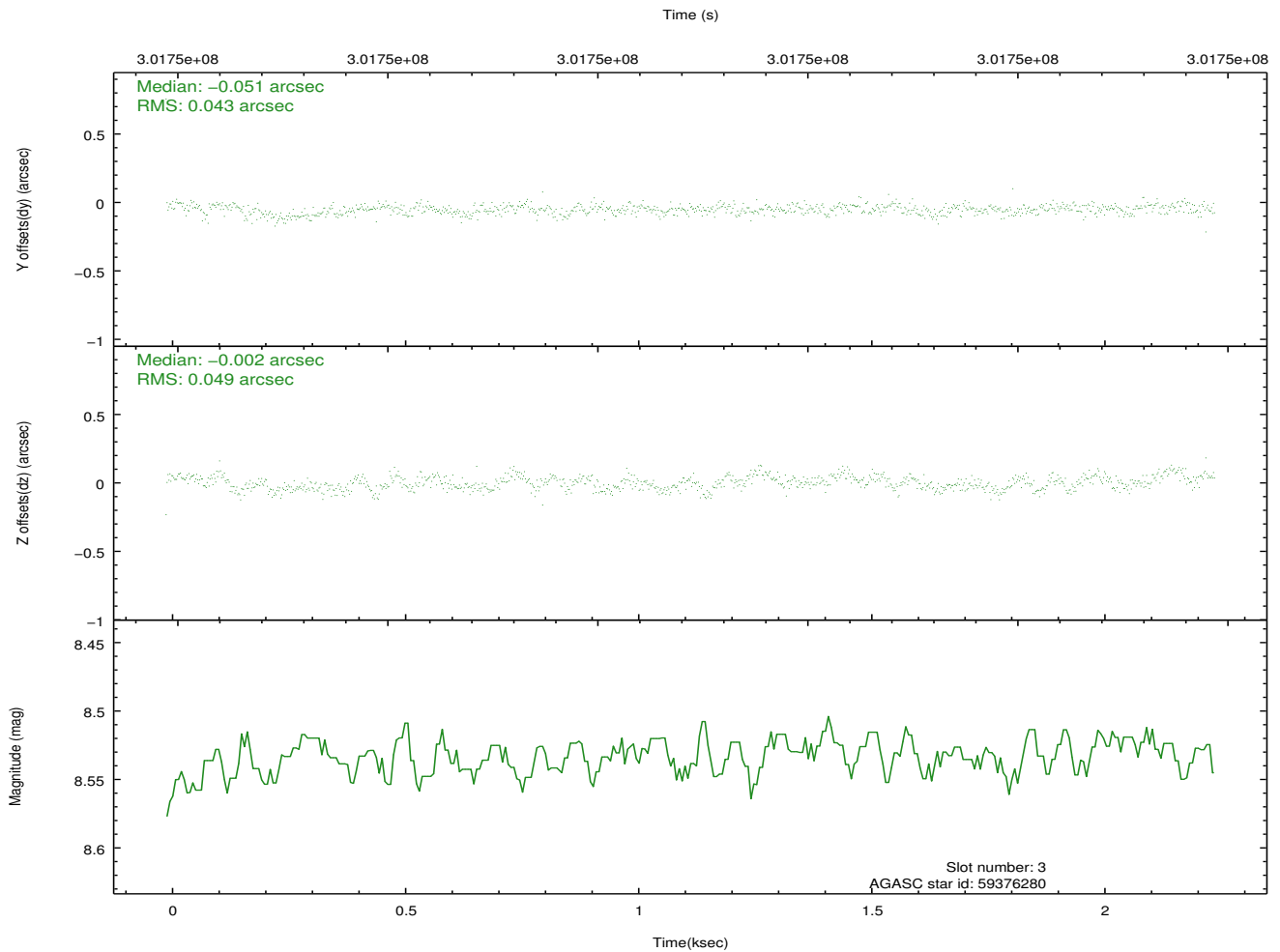
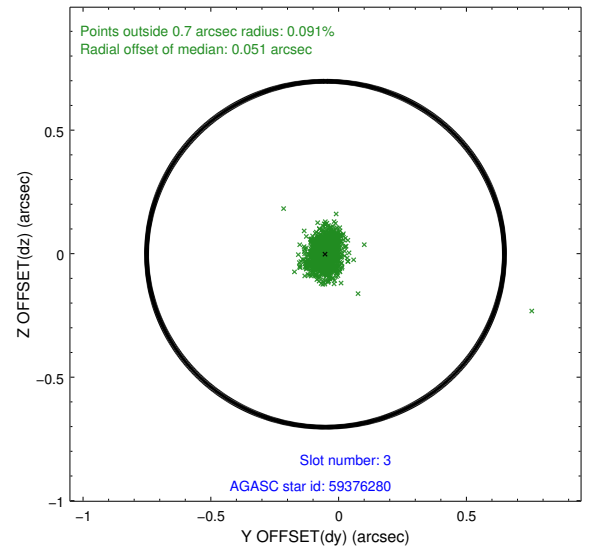
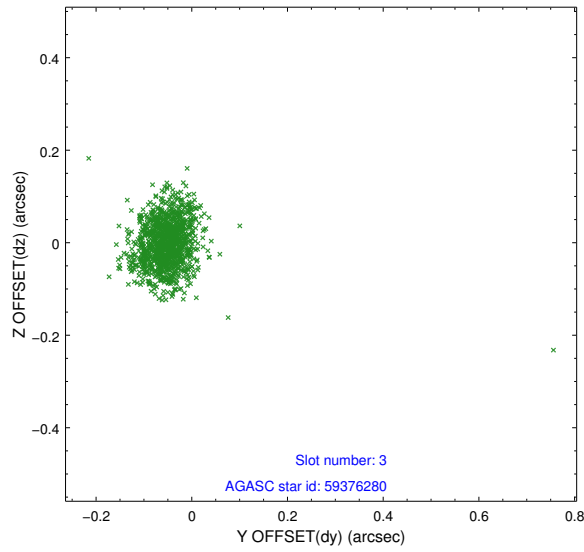


Slot Statistics

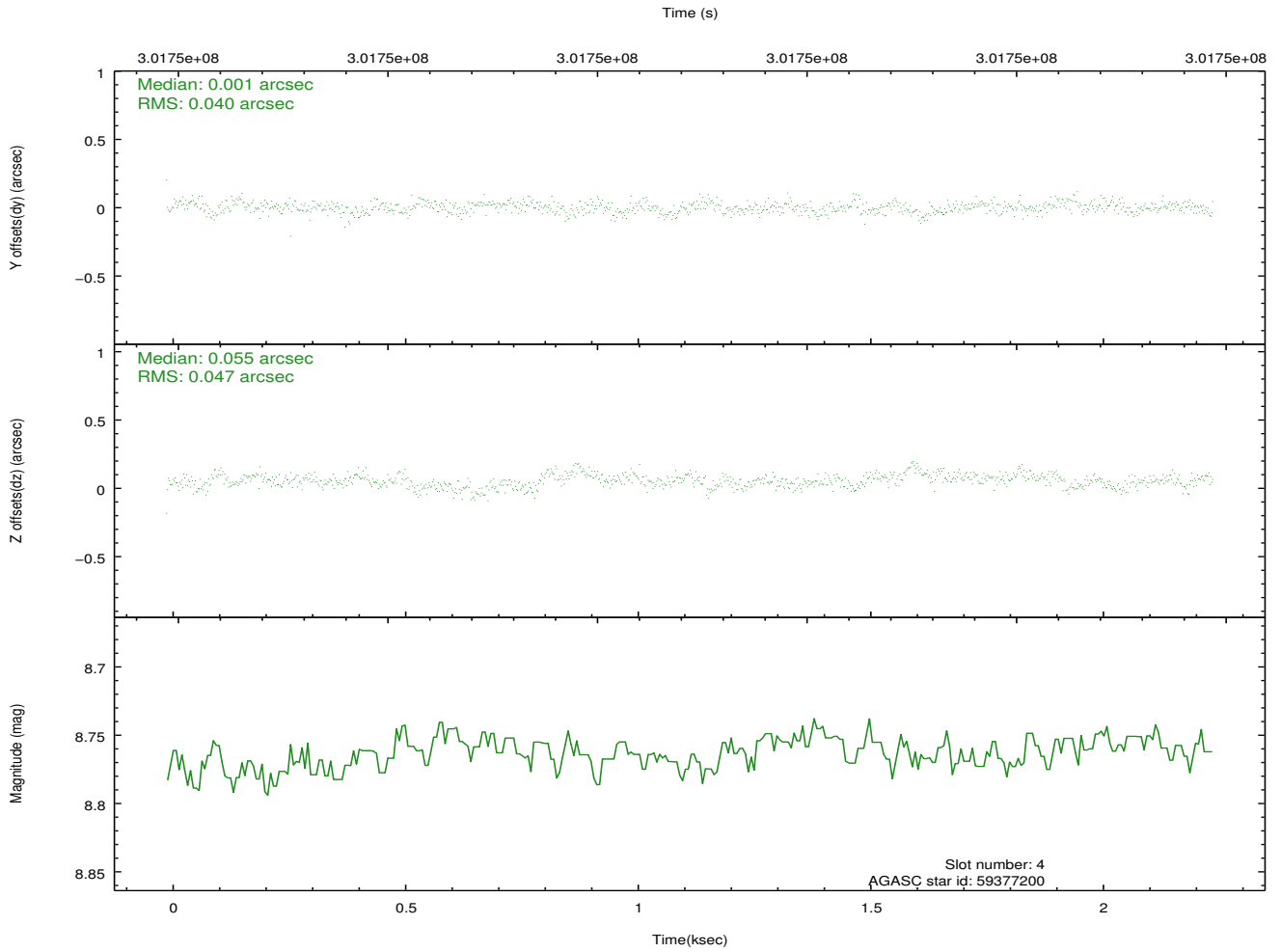
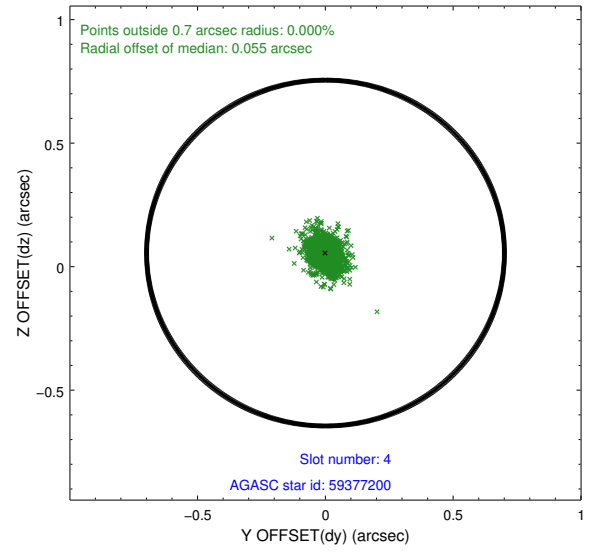
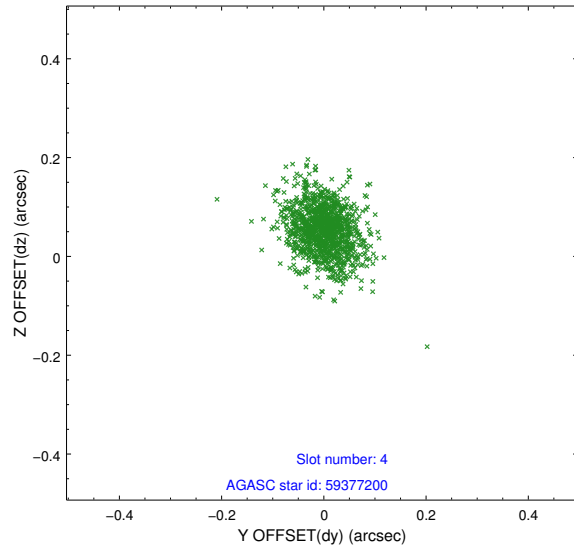
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	549	-0.042	-0.022	0.006	0.011	0.000000	0.000000	-765.87	-1737.33
1	FID	ACIS-S-4	7.19	549	0.161	0.026	0.005	0.008	0.000000	0.000000	2146.26	168.23
2	FID	ACIS-S-5	7.22	549	-0.149	0.004	0.007	0.011	0.000000	0.000000	-1815.13	165.13
3	GUIDE	59376280	8.53	1096	-0.051	-0.002	0.063	0.104	284.162299	3.109625	-119.49	-1858.09
4	GUIDE	59377200	8.76	1097	0.001	0.055	0.063	0.108	284.692162	2.481077	-120.35	1098.23
5	GUIDE	59377976	8.73	1097	0.067	0.029	0.067	0.104	284.180813	2.207923	1920.19	668.92
6	GUIDE	61090648	7.69	1098	-0.082	-0.031	0.054	0.093	285.057707	2.950317	-2211.87	653.66
7	GUIDE	59376520	8.93	1096	0.070	-0.049	0.070	0.111	284.649079	2.608986	-300.07	648.31

2.4 Star Slots

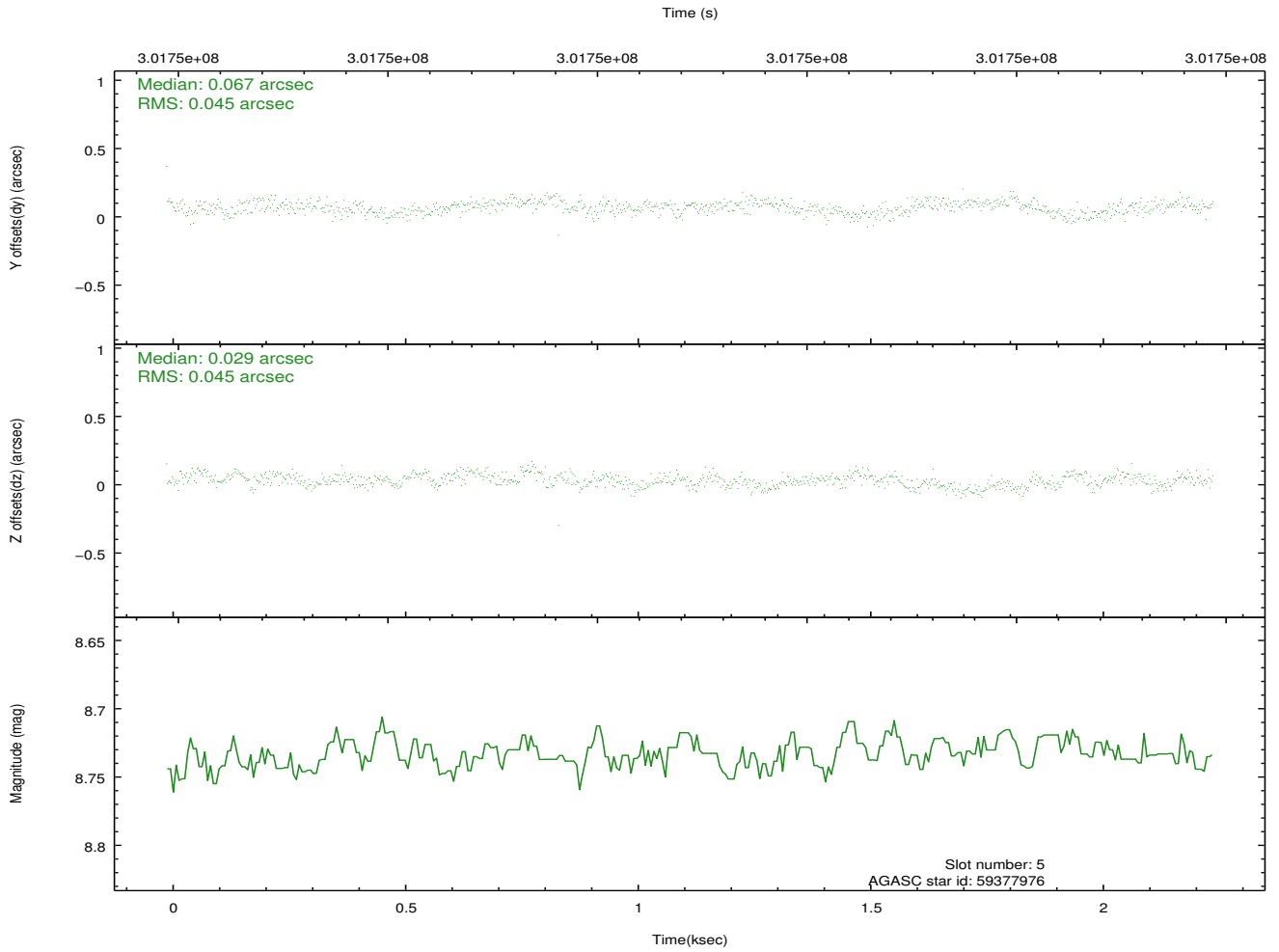
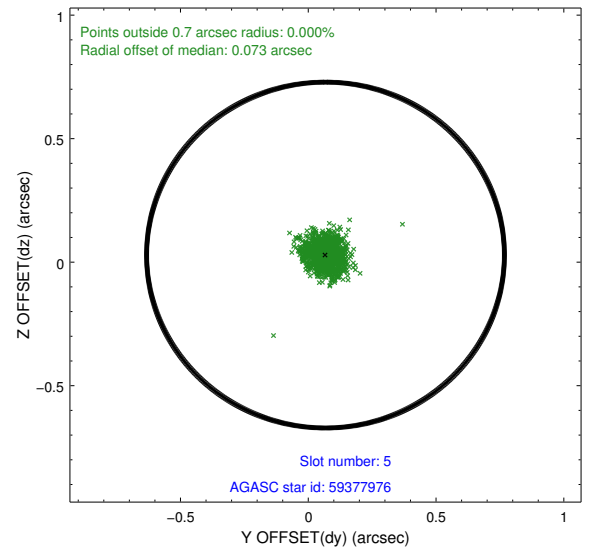
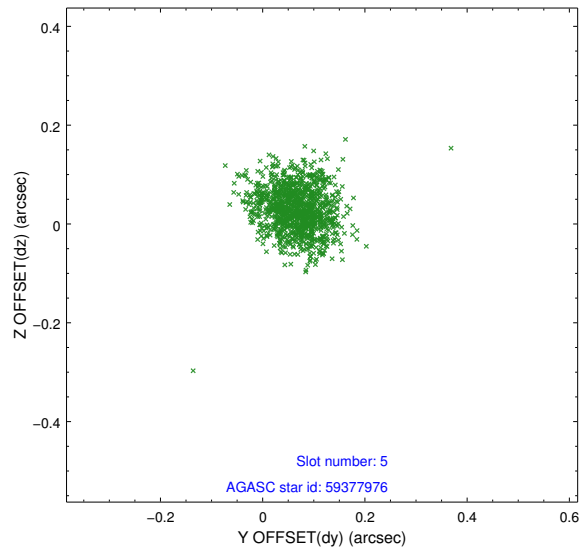
2.4.1 Slot 3



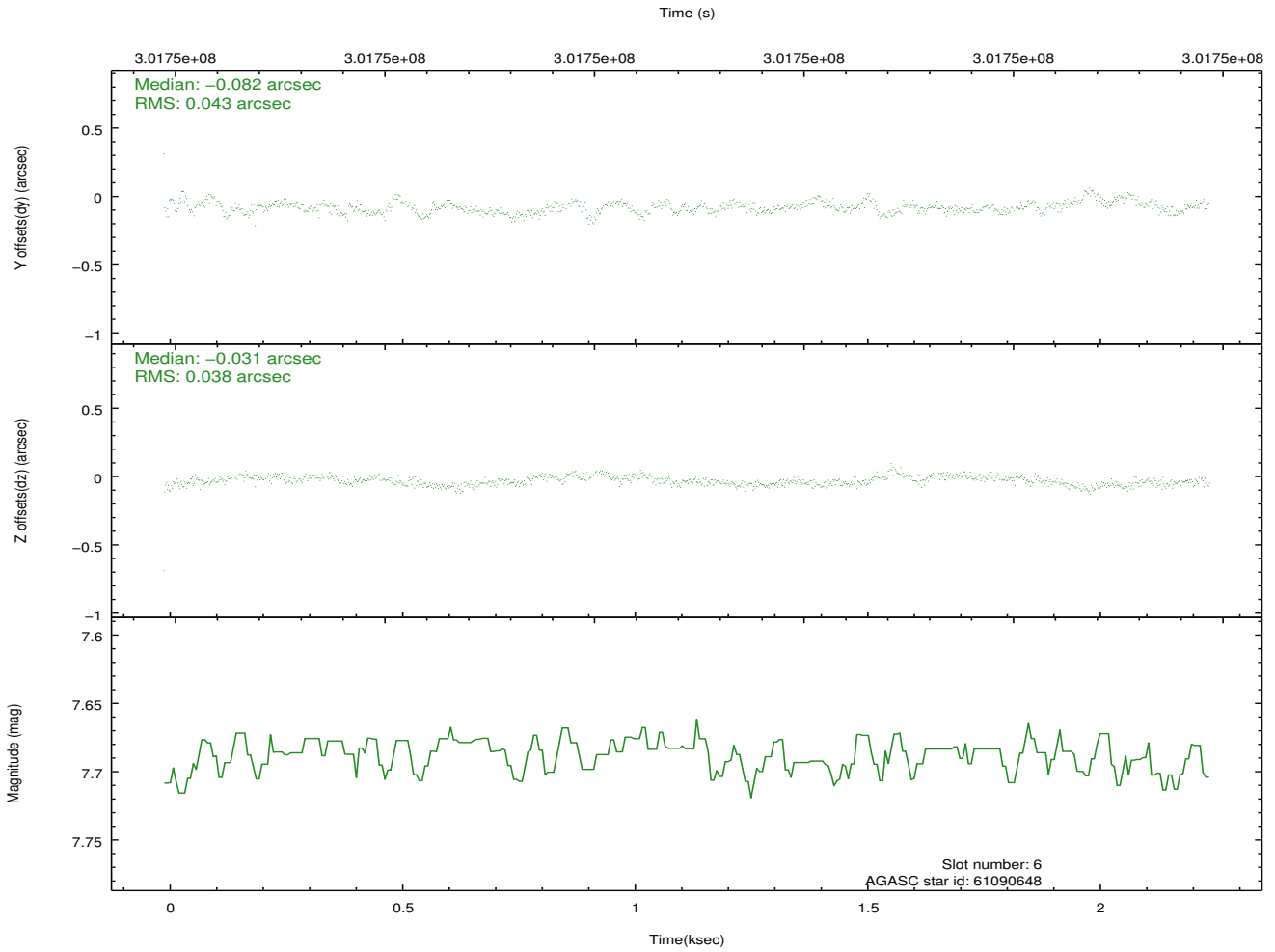
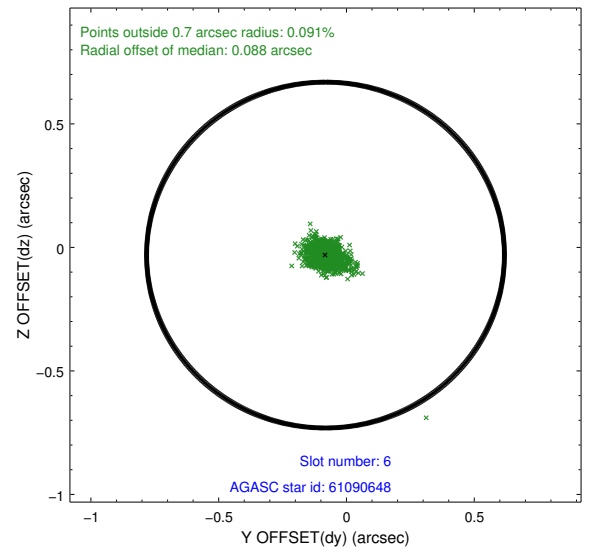
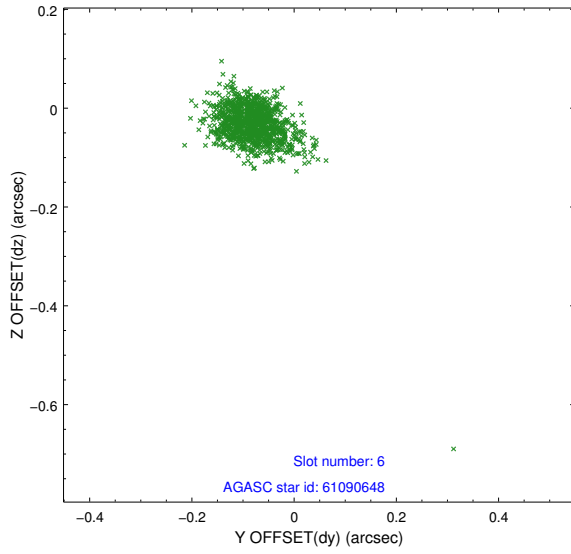
2.4.2 Slot 4



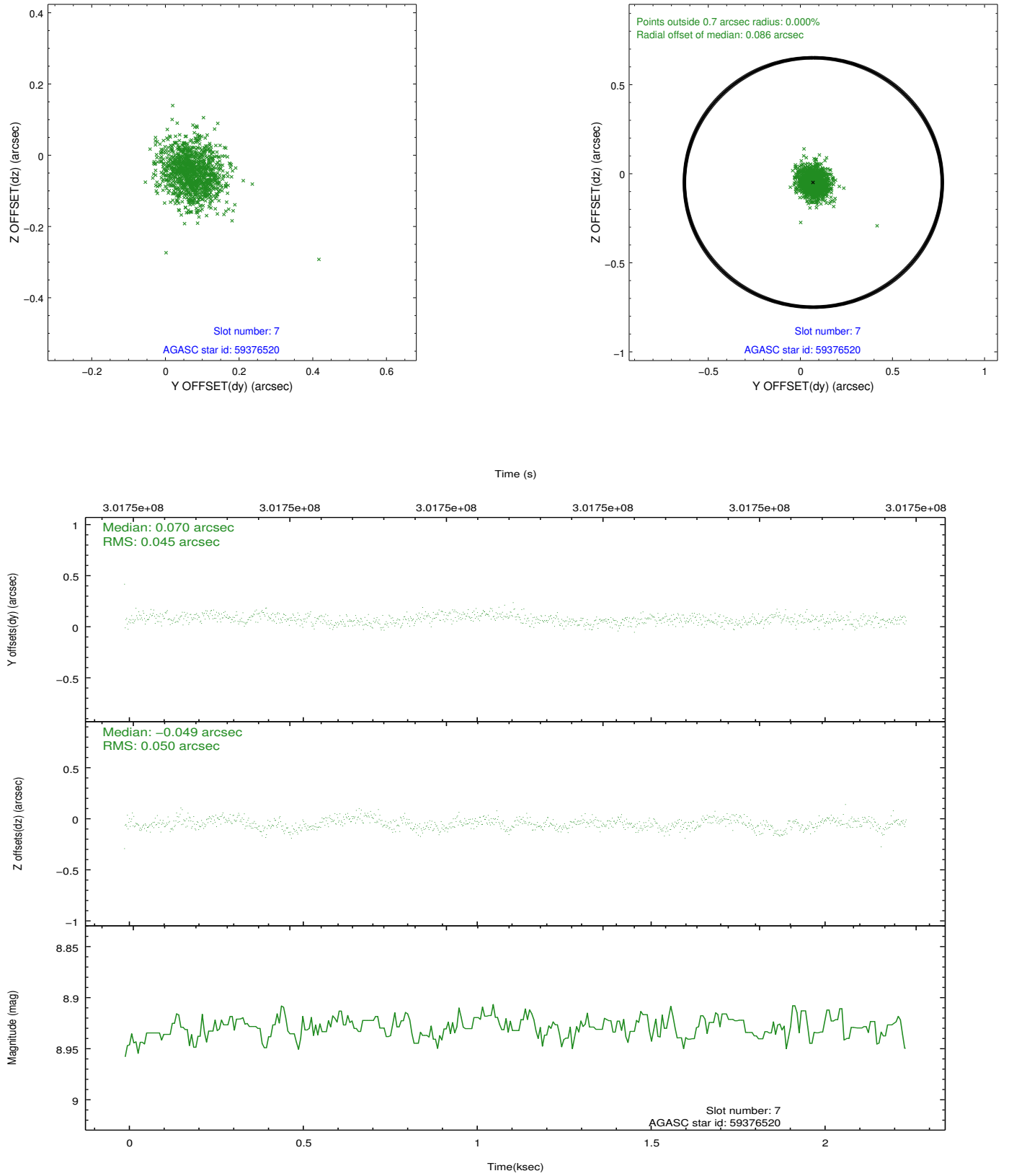
2.4.3 Slot 5



2.4.4 Slot 6

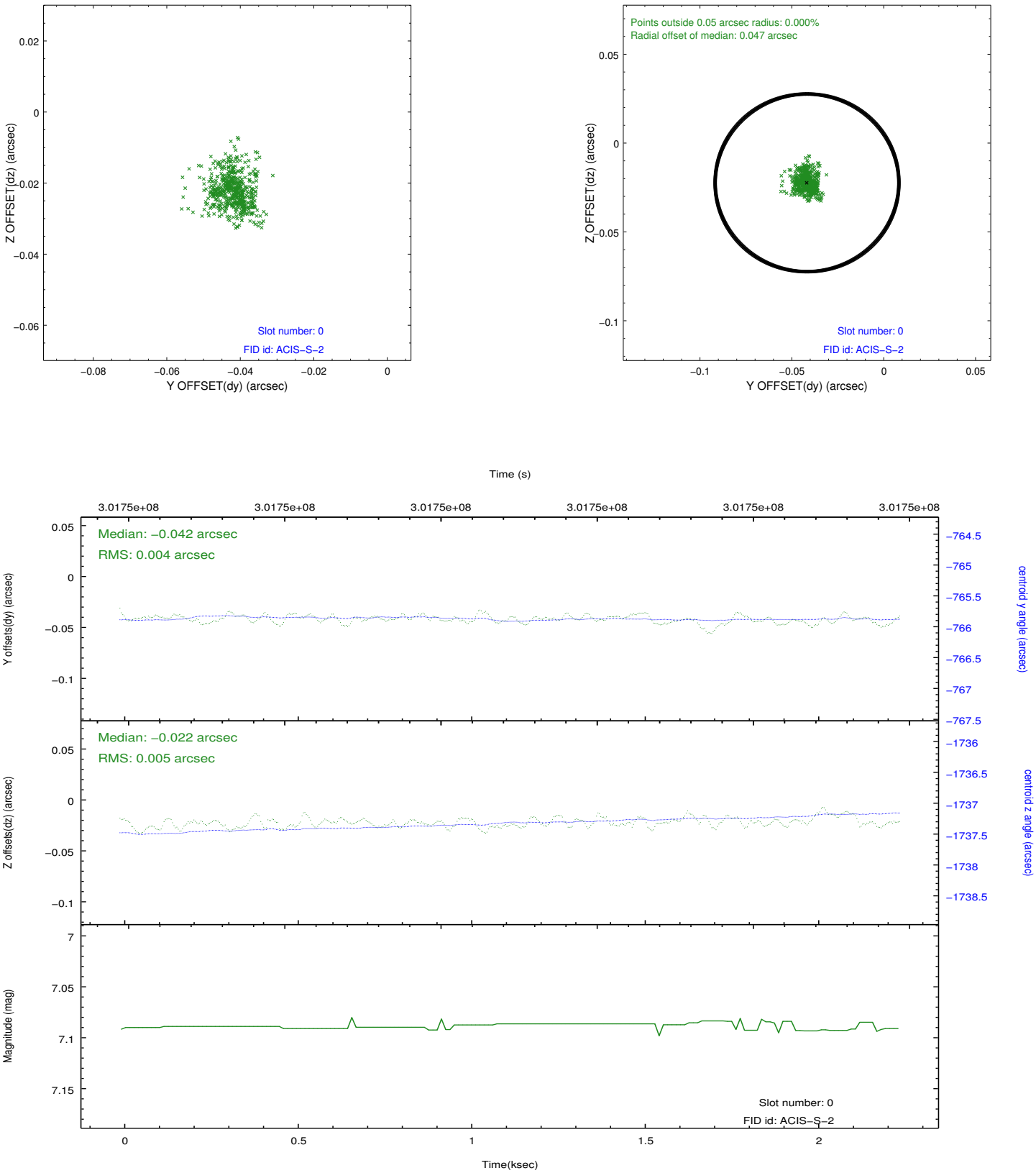


2.4.5 Slot 7

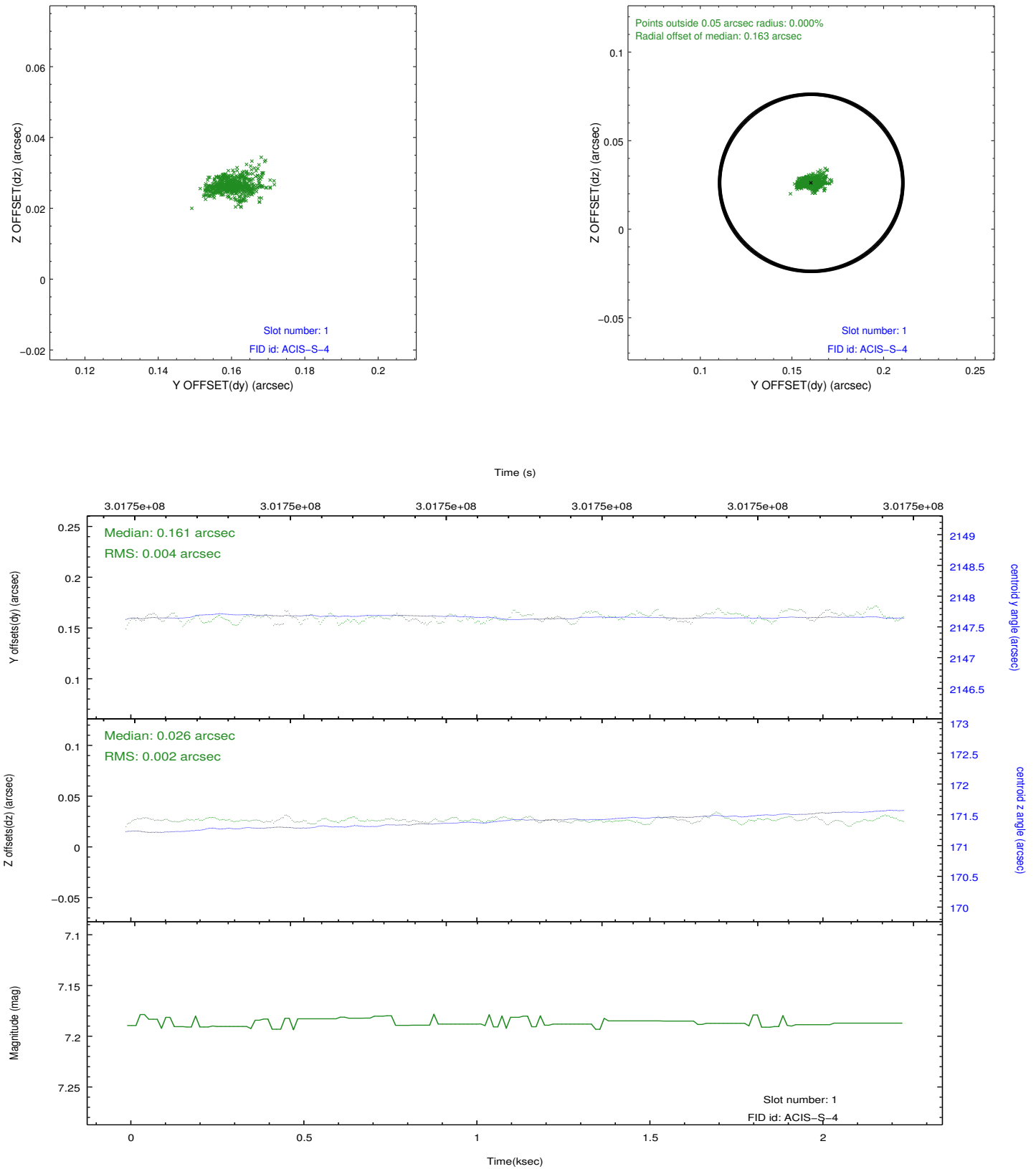


2.5 FID Slots

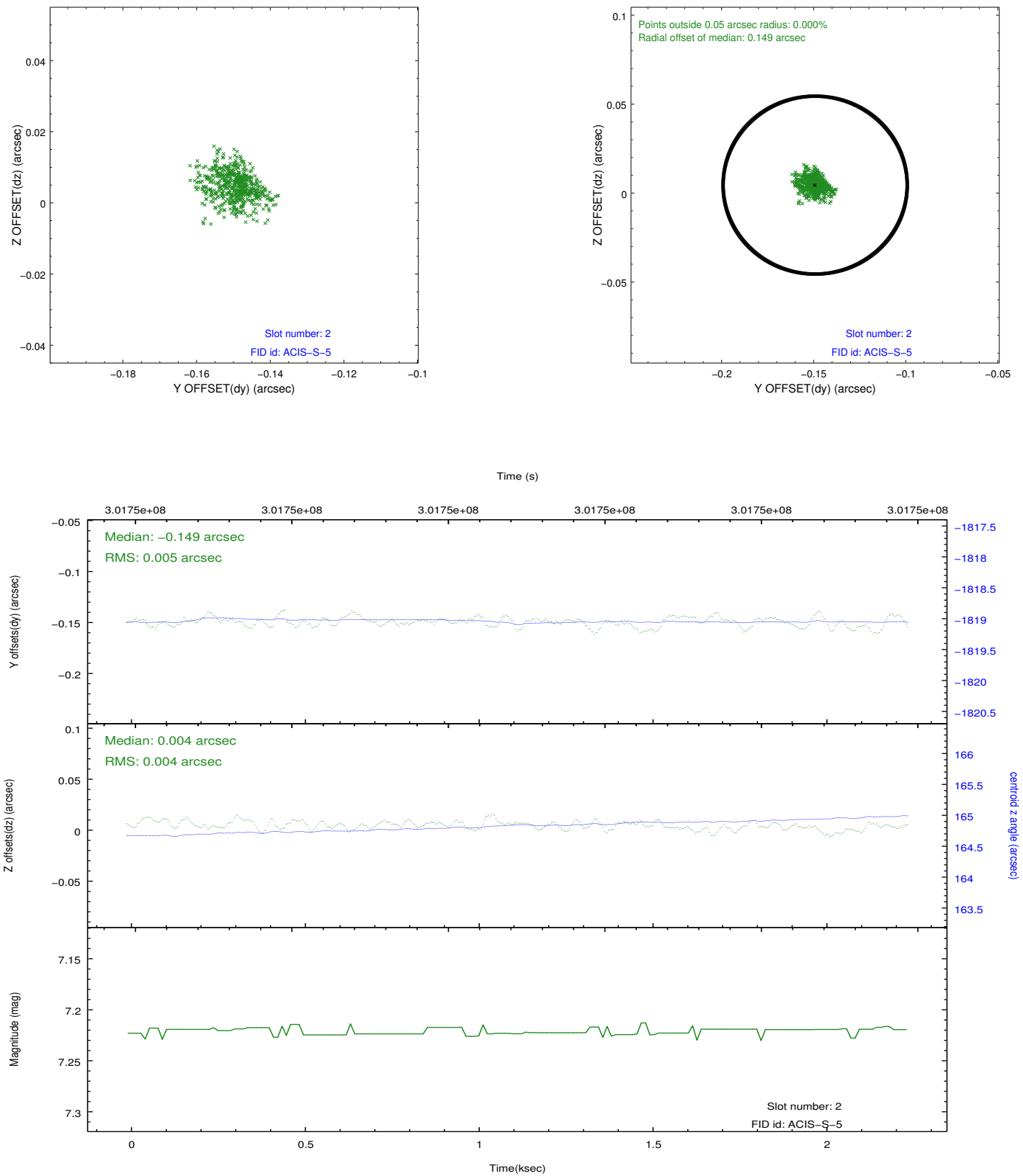
2.5.1 Slot 0



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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.24319999

A.2 Comments