

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8142 - L2 Version 2
Chandra X-Ray Center

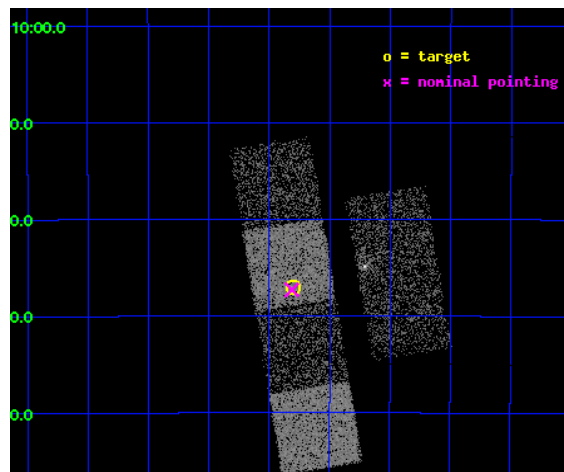
L2 Processing Date : May 3 2012

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1 Front

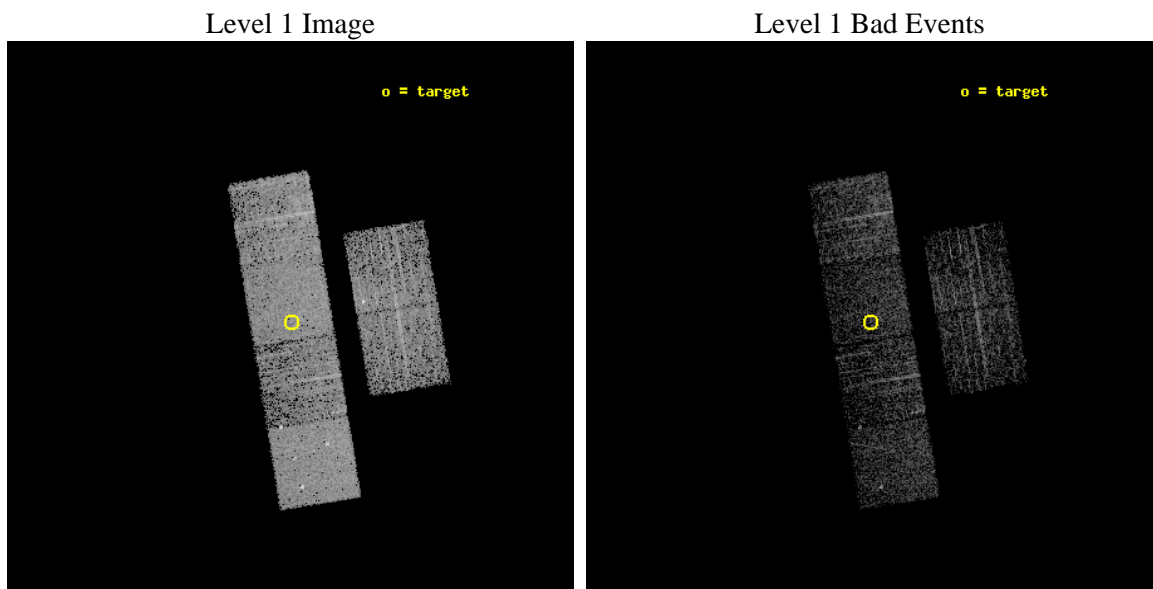
seq_num	900683	Sequence number
obs_id	8142	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J173518-3237	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.825833	Observer's specified target RA [deg]
dec_targ	-32.617	Observer's specified target Dec [deg]
ra_nom	263.82812996808	Nominal RA [deg]
dec_nom	-32.621485402576	Nominal Dec [deg]
roll_nom	260.6686179844	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1539.1606757641	Sum of GTIs [s]
livetime	1519.6708965163	Livetime [s]
ontime2	1535.9590240121	Sum of GTIs [s]
ontime3	1539.0375557542	Sum of GTIs [s]
ontime5	1539.1196357608	Sum of GTIs [s]
ontime6	1539.0786156654	Sum of GTIs [s]
ontime7	1539.1606757641	Sum of GTIs [s]
ontime8	1535.755445838	Sum of GTIs [s]
l2events	25612	Number of level 2 events



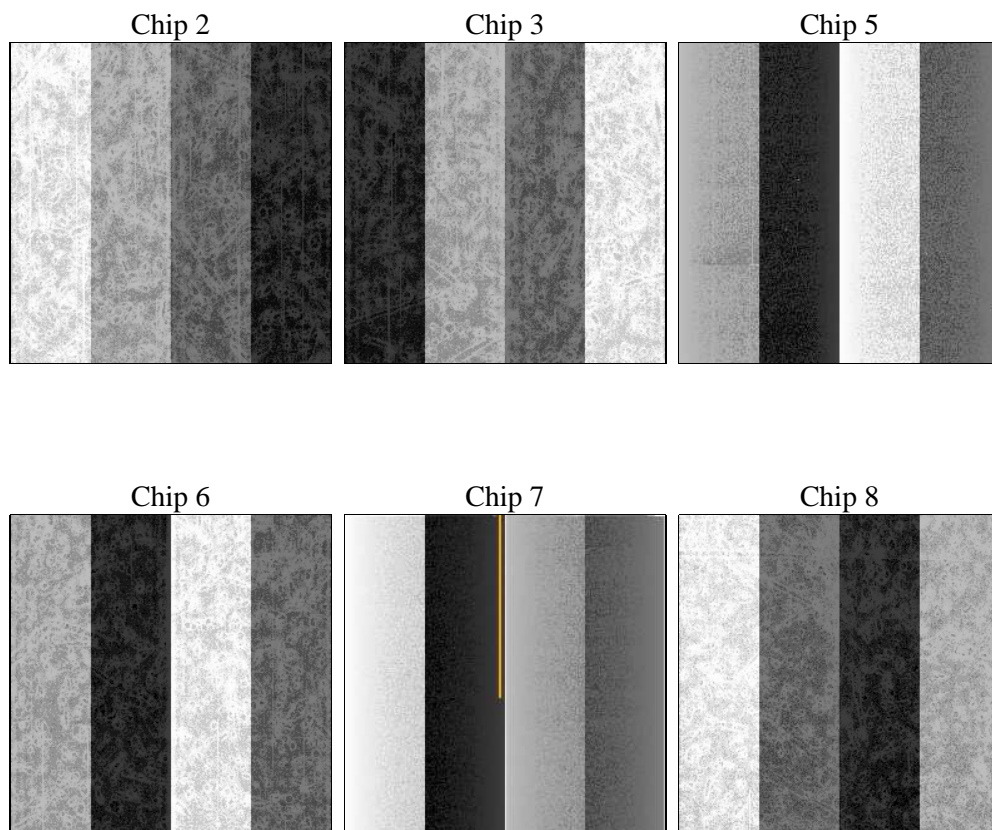
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1780.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1539.1606757641	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1535.9590240121	Sum of GTIs [s]
date	2012-05-03T12:25:50	Date and time of file creation	ontime3	1539.0375557542	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1539.1196357608	Sum of GTIs [s]
			ontime6	1539.0786156654	Sum of GTIs [s]
			ontime7	1539.1606757641	Sum of GTIs [s]
			ontime8	1535.755445838	Sum of GTIs [s]
			l1events	109409	Number of level 1 events

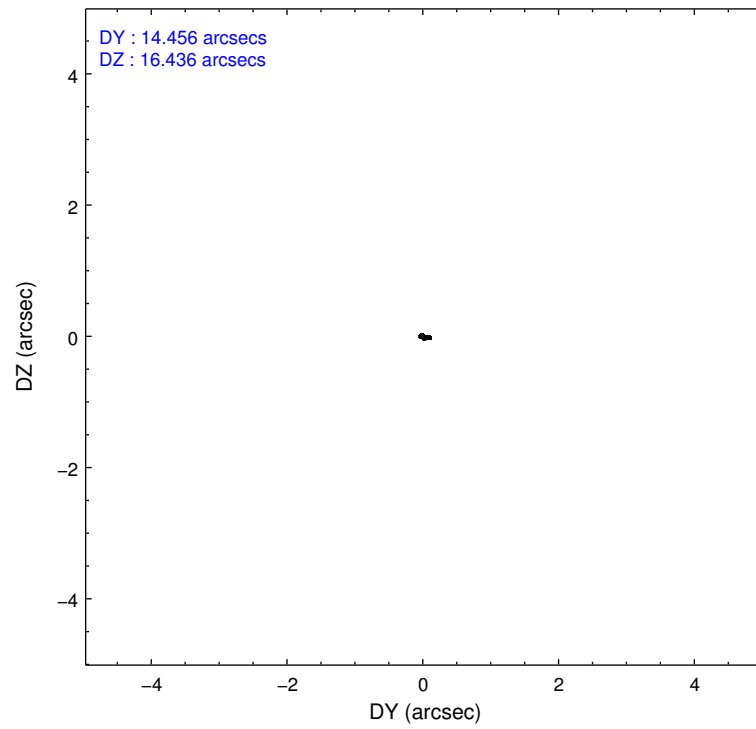
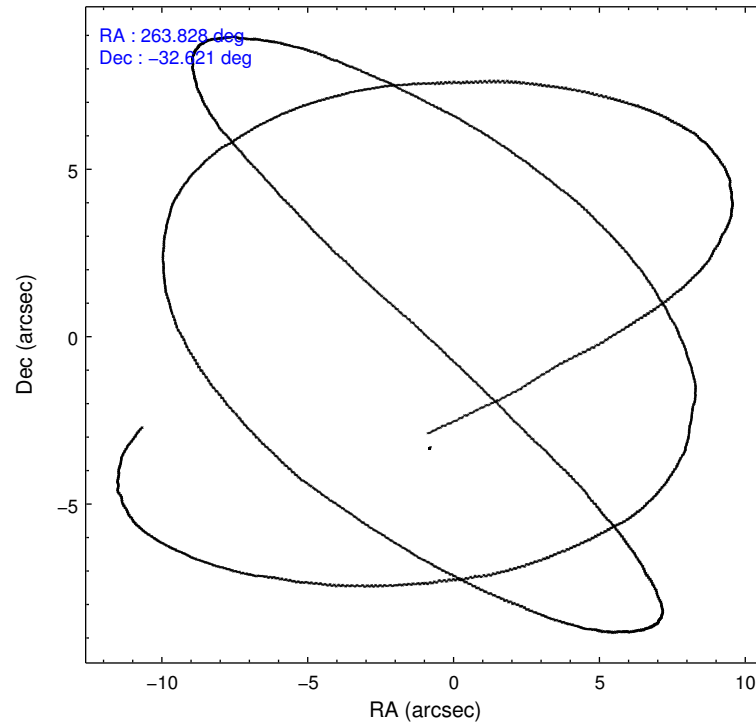
2.1.4 Events

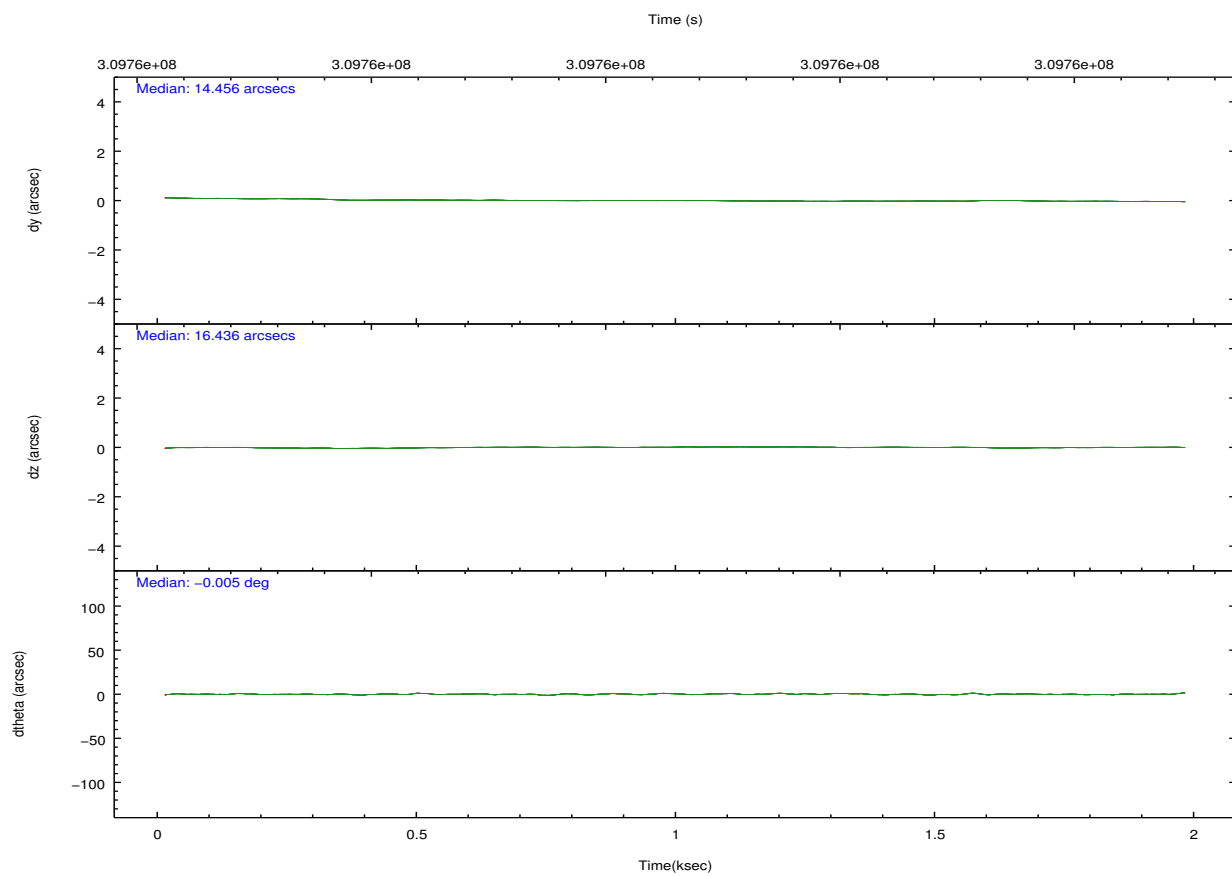
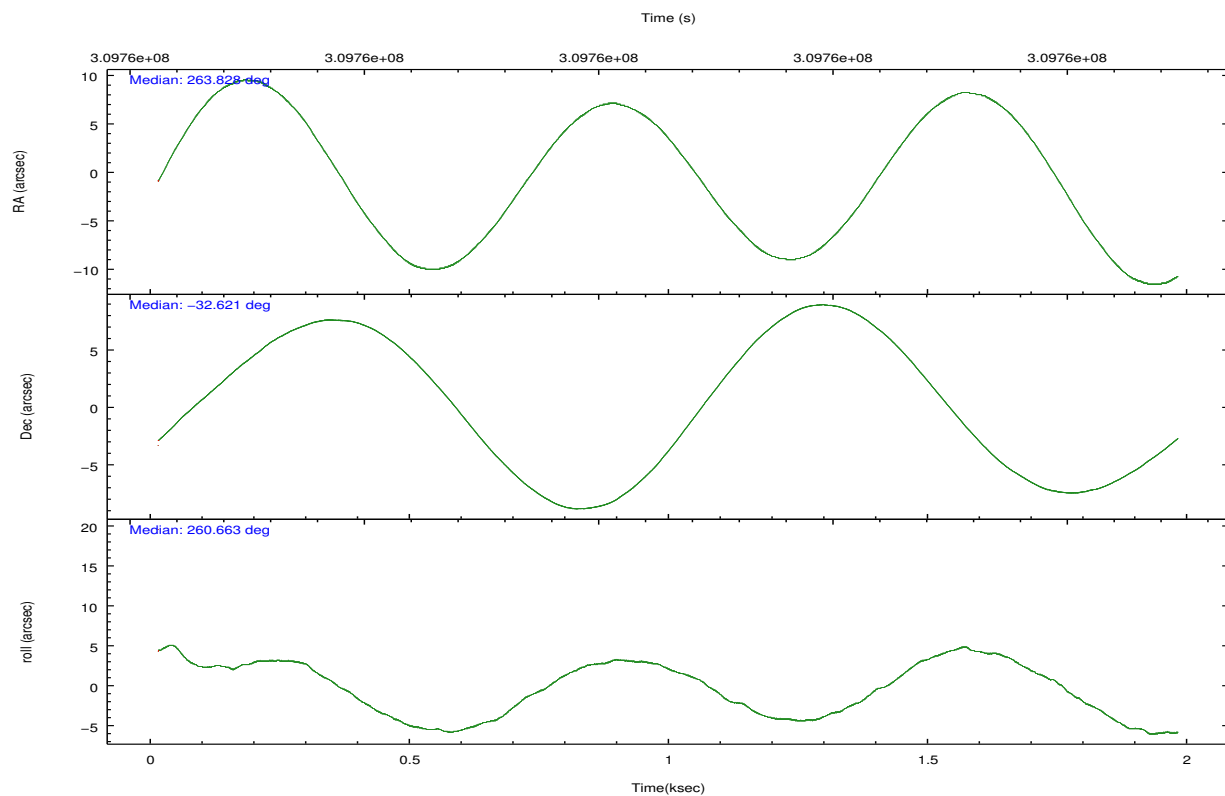
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	14066	15772	23239	14220	20881	21231	grade 0 events	876	1431	1242	861	760	1436
rejected events	12178	13230	12452	12213	12200	17152		6%	9%	5%	6%	3%	6%
rejected %	86%	83%	53%	85%	58%	80%	grade 1 events	17	21	209	14	22	27
								0%	0%	0%	0%	0%	0%
							grade 2 events	412	394	3230	457	1799	801
								2%	2%	13%	3%	8%	3%
							grade 3 events	185	201	396	167	742	530
								1%	1%	1%	1%	3%	2%
							grade 4 events	164	212	436	172	744	460
								1%	1%	1%	1%	3%	2%
							grade 5 events	569	722	1701	714	1929	887
								4%	4%	7%	5%	9%	4%
							grade 6 events	253	307	5512	357	4651	873
								1%	1%	23%	2%	22%	4%
							grade 7 events	11590	12484	10513	11478	10234	16217
								82%	79%	45%	80%	49%	76%

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	263.816151	263.8281299680838	CCD I2 on	O2	Y
[deg] Pointing Dec	-32.596041	-32.62148540257552	CCD I3 on	O3	Y
[deg] Pointing Roll	260.505543	260.6686179843952	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	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O4	Y
[s] Observation start time (MET)	309758859.184000	309758392.63638	CCD S5 on	N	N
Observation start date	2007-10-26T04:06:34	2007-10-26T03:59:52	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	309760639.184000	309760773.199	On-chip summing requested	N	N
Observation end date	2007-10-26T04:36:14	2007-10-26T04:39:33	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



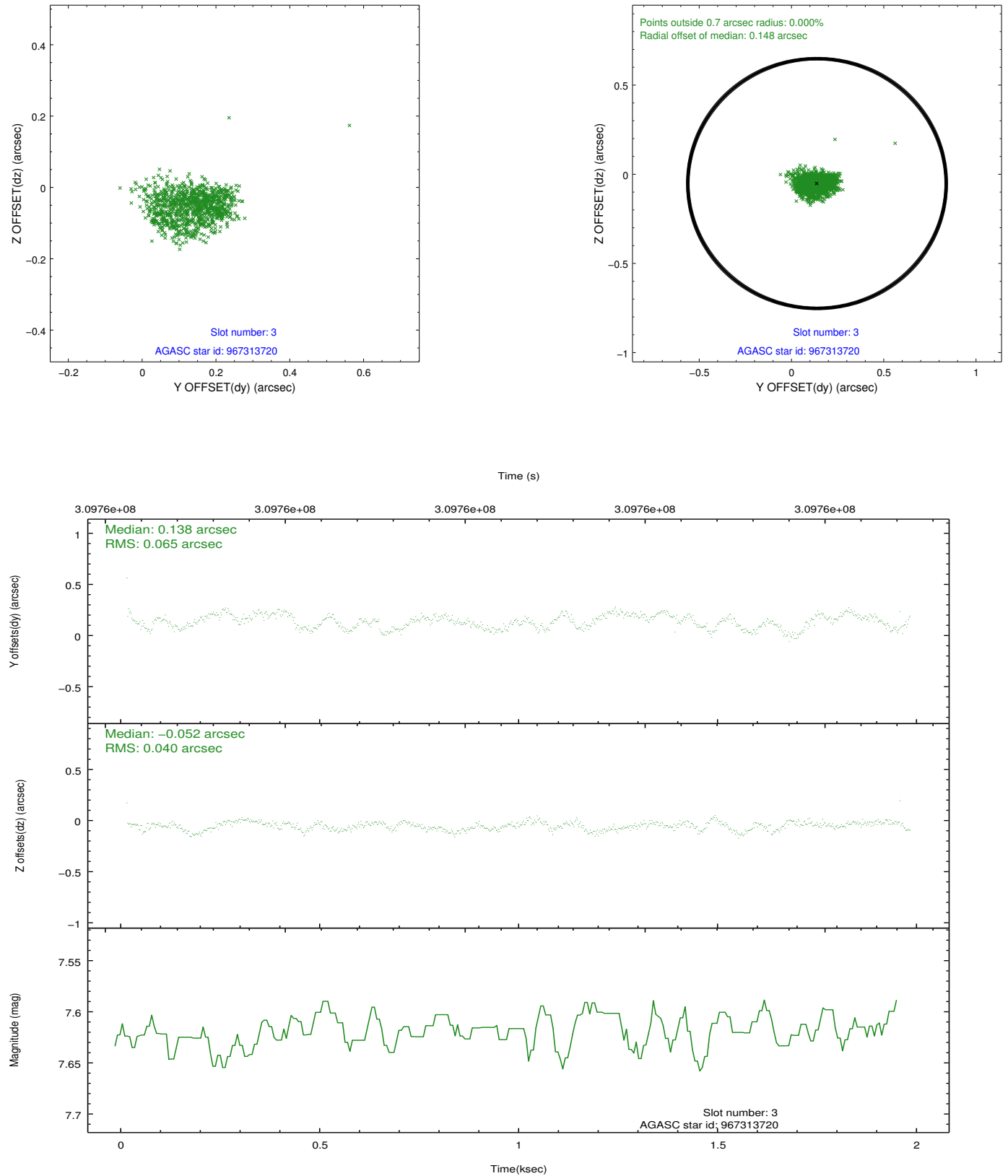


Slot Statistics

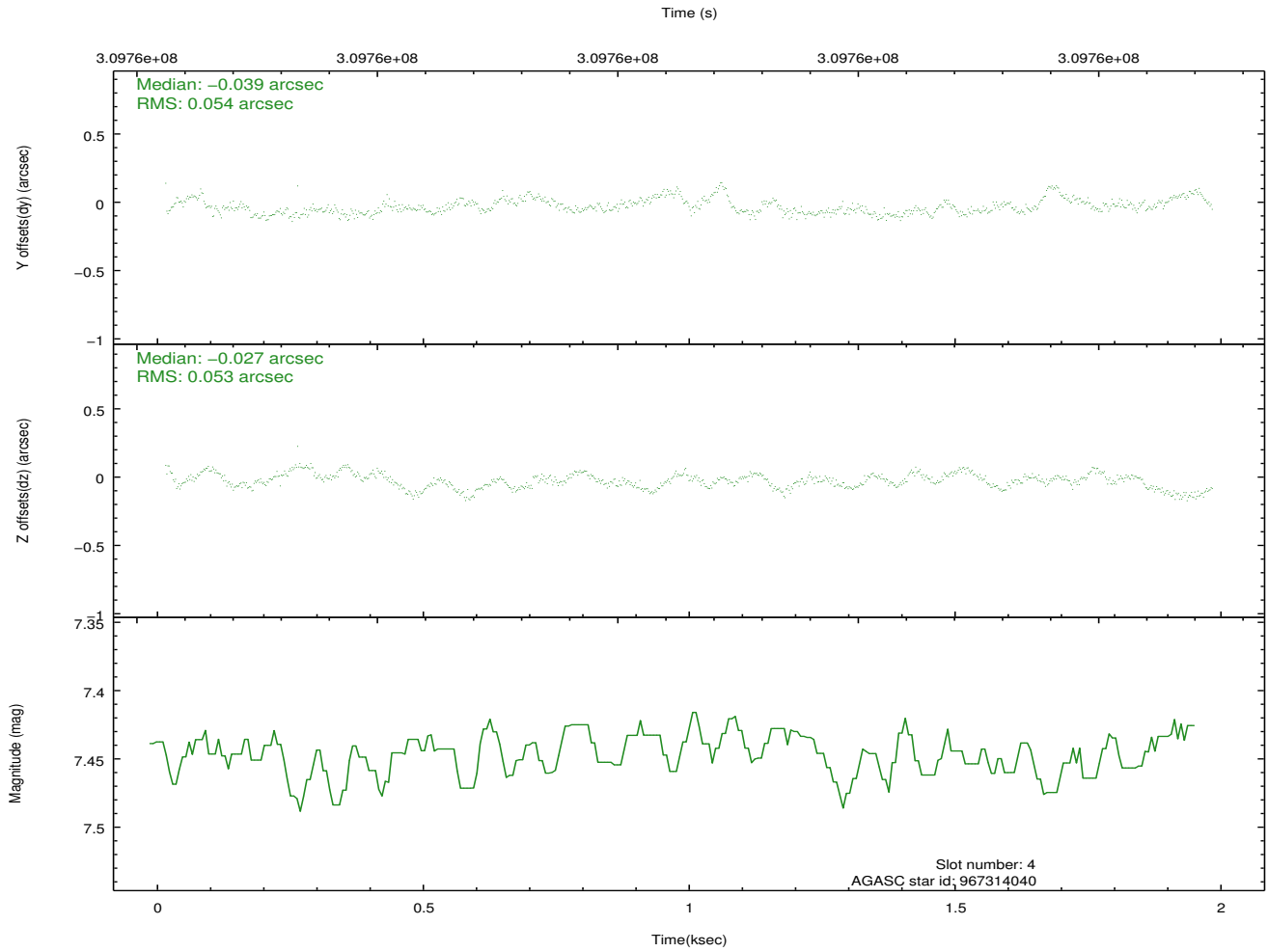
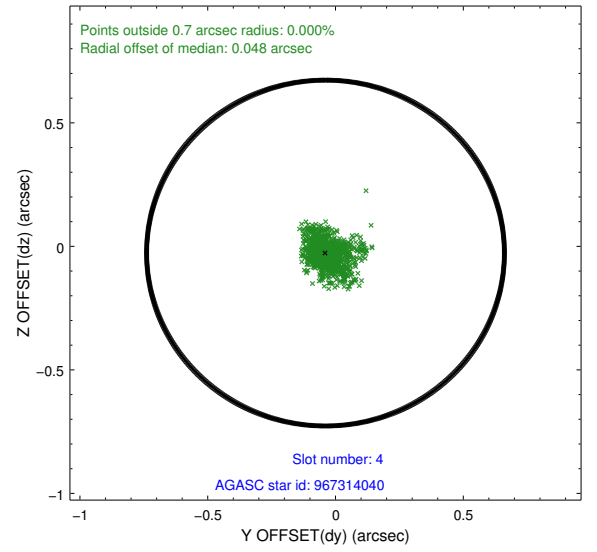
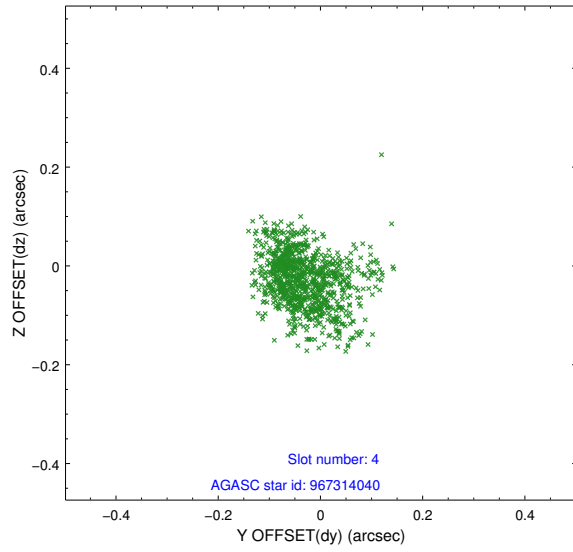
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.17	481	0.054	-0.085	0.008	0.012	0.000000	0.000000	928.64	-1733.53
1	FID	ACIS-S-4	7.18	481	0.134	0.038	0.006	0.011	0.000000	0.000000	2147.99	167.30
2	FID	ACIS-S-5	7.22	480	-0.215	0.061	0.006	0.012	0.000000	0.000000	-1816.20	164.73
3	GUIDE	967313720	7.62	960	0.138	-0.052	0.083	0.123	263.275073	-33.057791	1913.68	-1335.47
4	GUIDE	967314040	7.45	960	-0.039	-0.027	0.077	0.135	264.244314	-32.128610	-1870.13	1008.50
5	GUIDE	967316104	8.54	960	0.103	0.165	0.059	0.101	264.448527	-33.247086	2001.69	2266.65
6	GUIDE	967183712	9.02	960	-0.159	-0.066	0.109	0.175	263.055109	-32.283332	-717.27	-2466.99
7	GUIDE	967319792	8.19	959	-0.044	-0.004	0.066	0.101	264.568490	-32.873496	617.35	2406.88

2.4 Star Slots

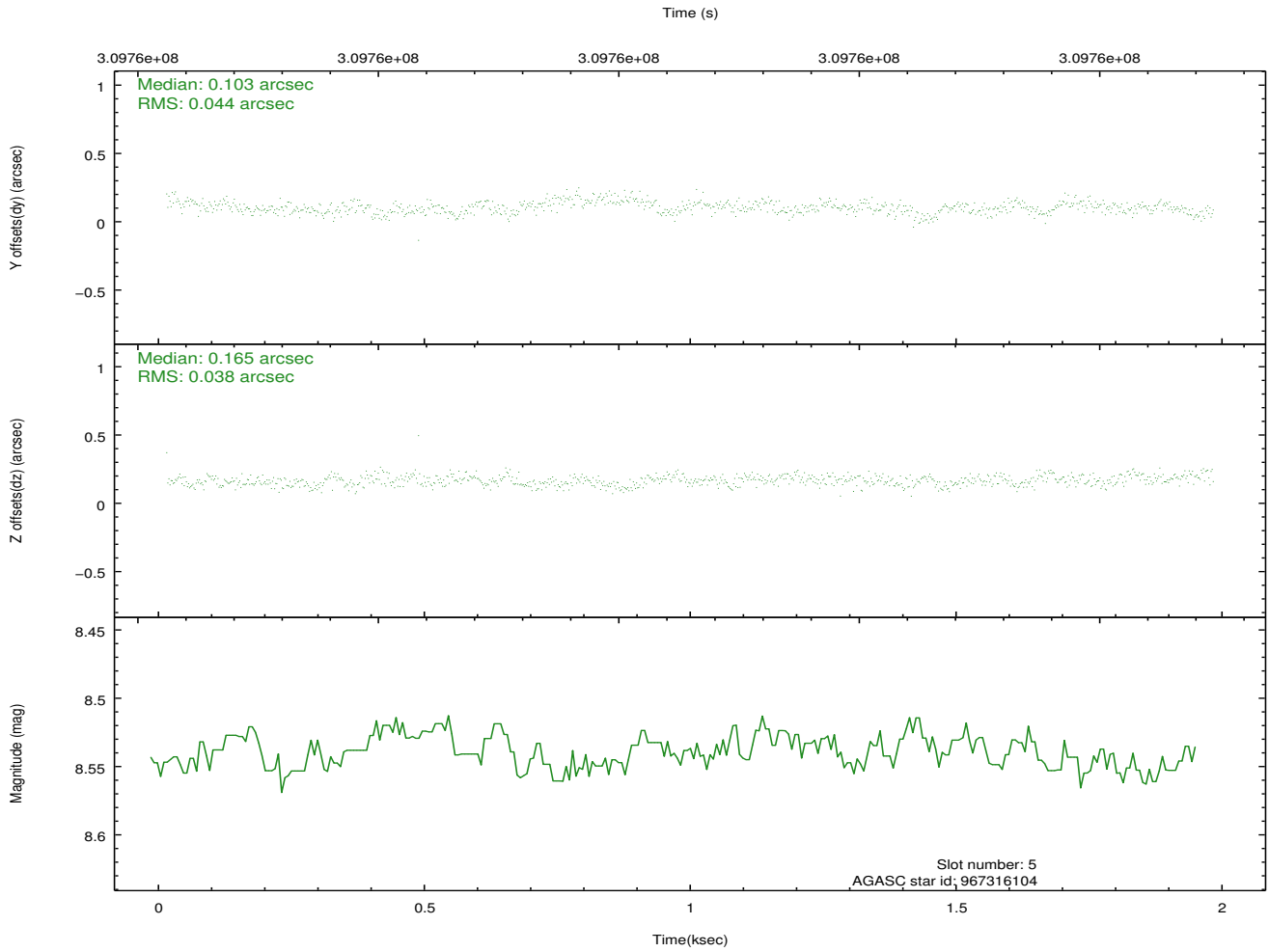
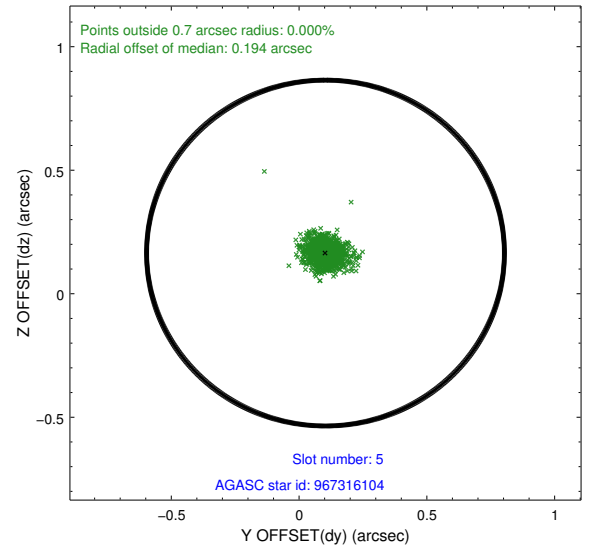
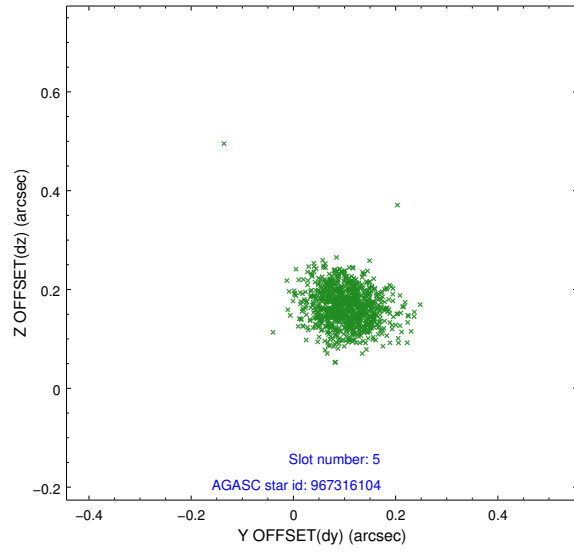
2.4.1 Slot 3



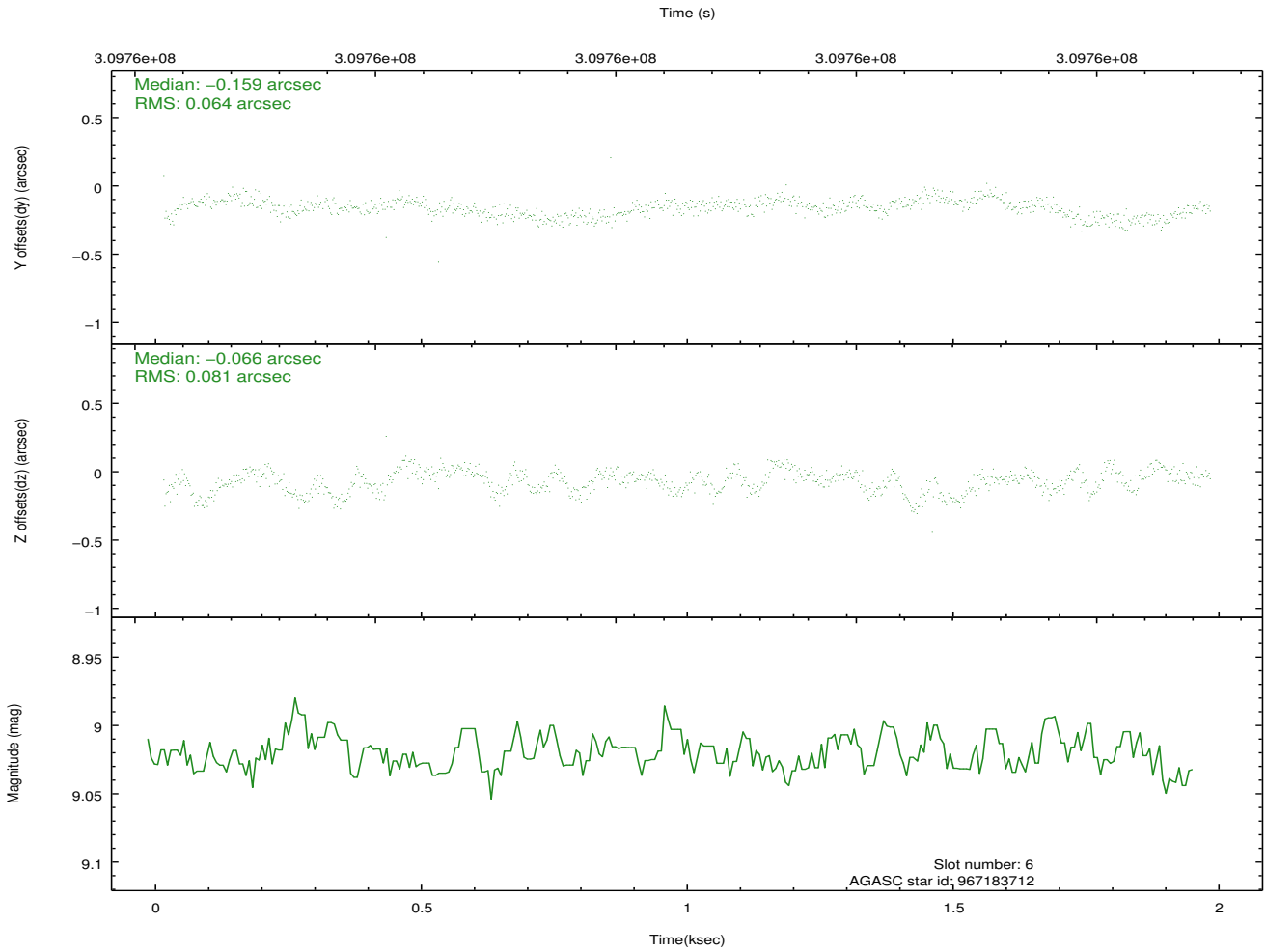
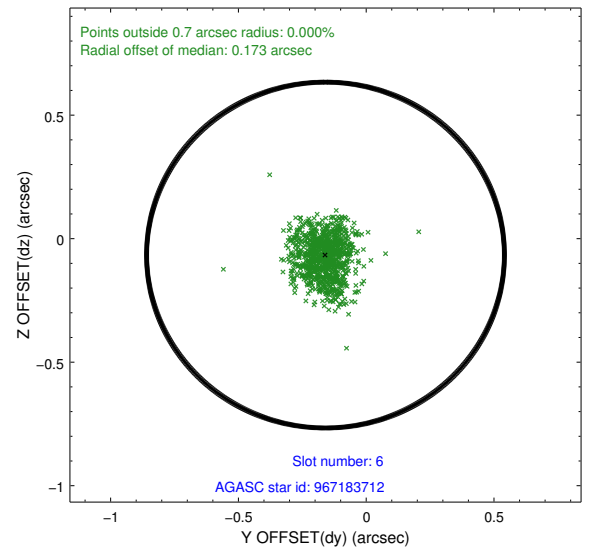
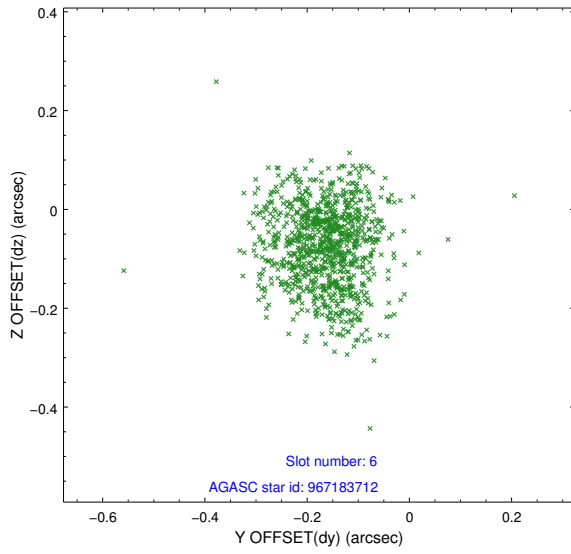
2.4.2 Slot 4



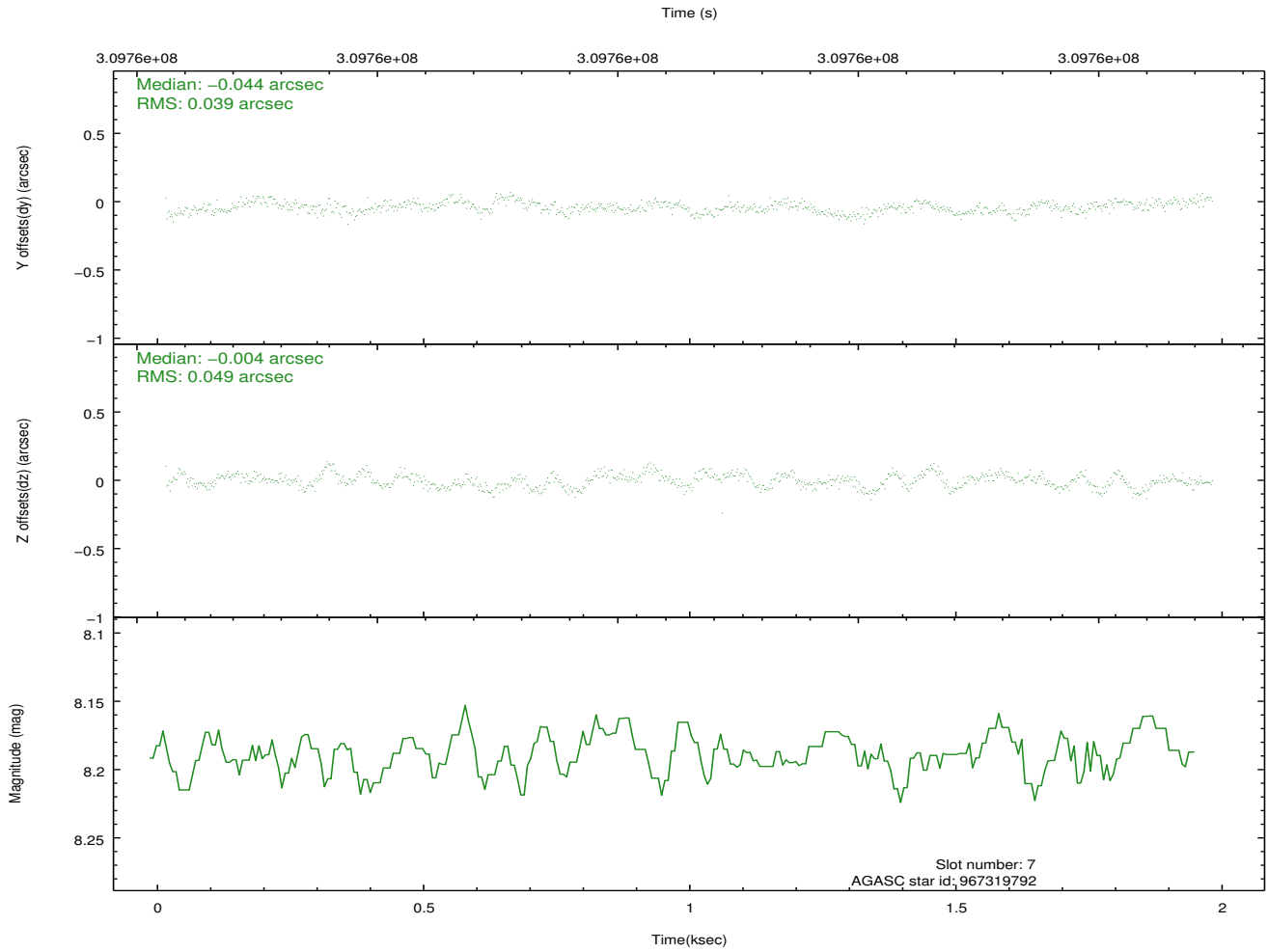
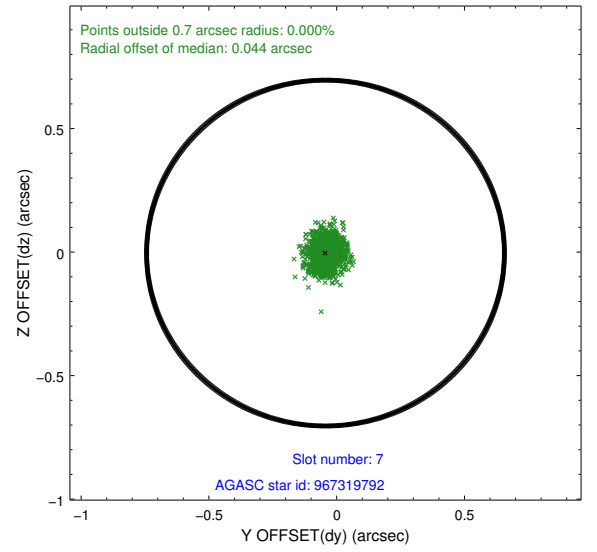
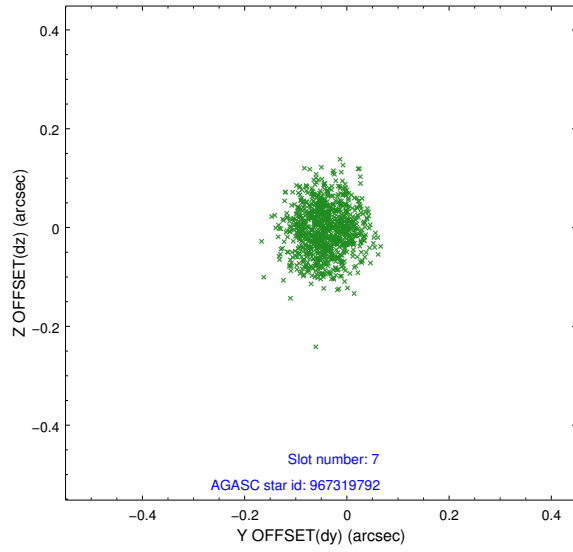
2.4.3 Slot 5



2.4.4 Slot 6

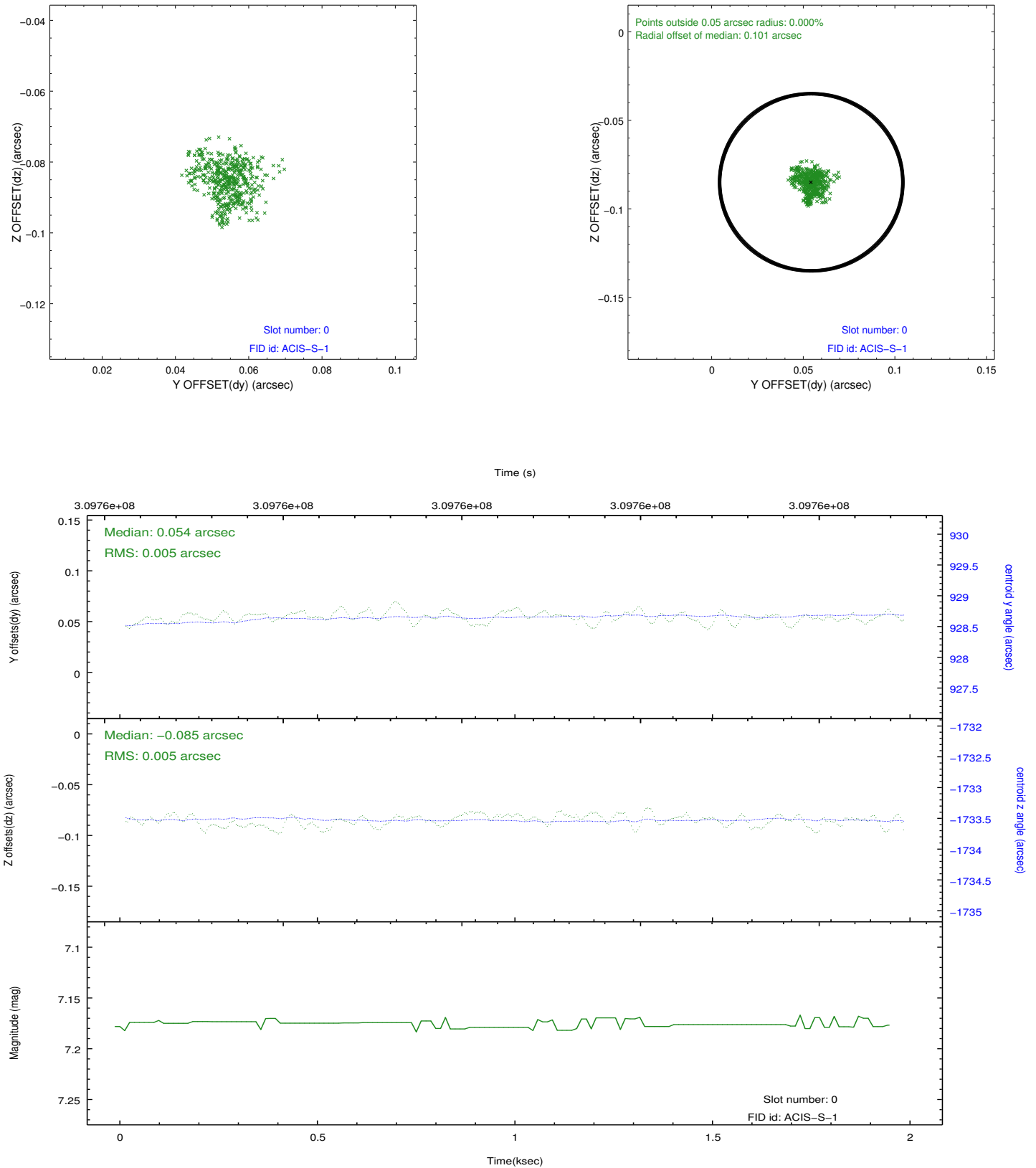


2.4.5 Slot 7

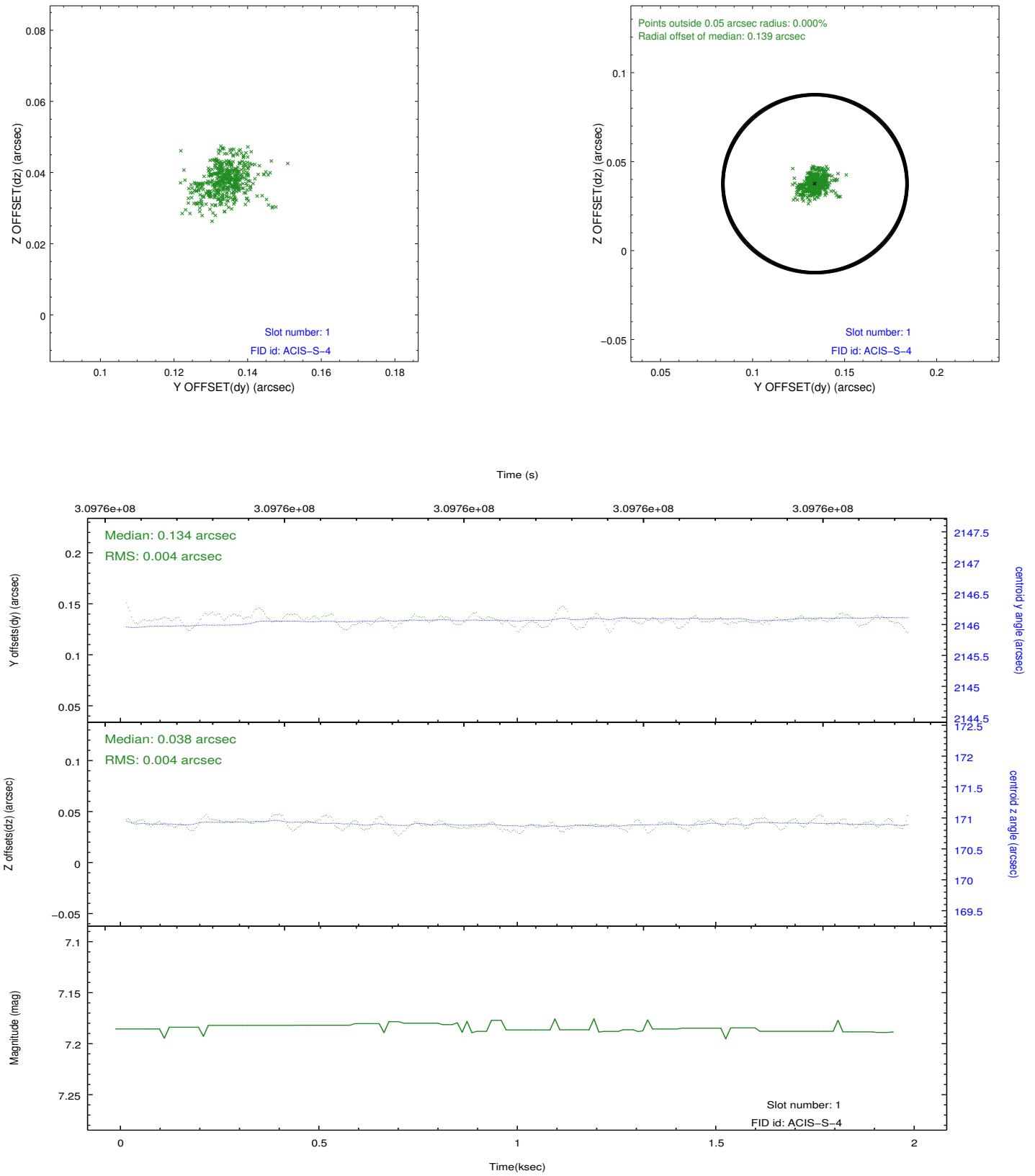


2.5 FID Slots

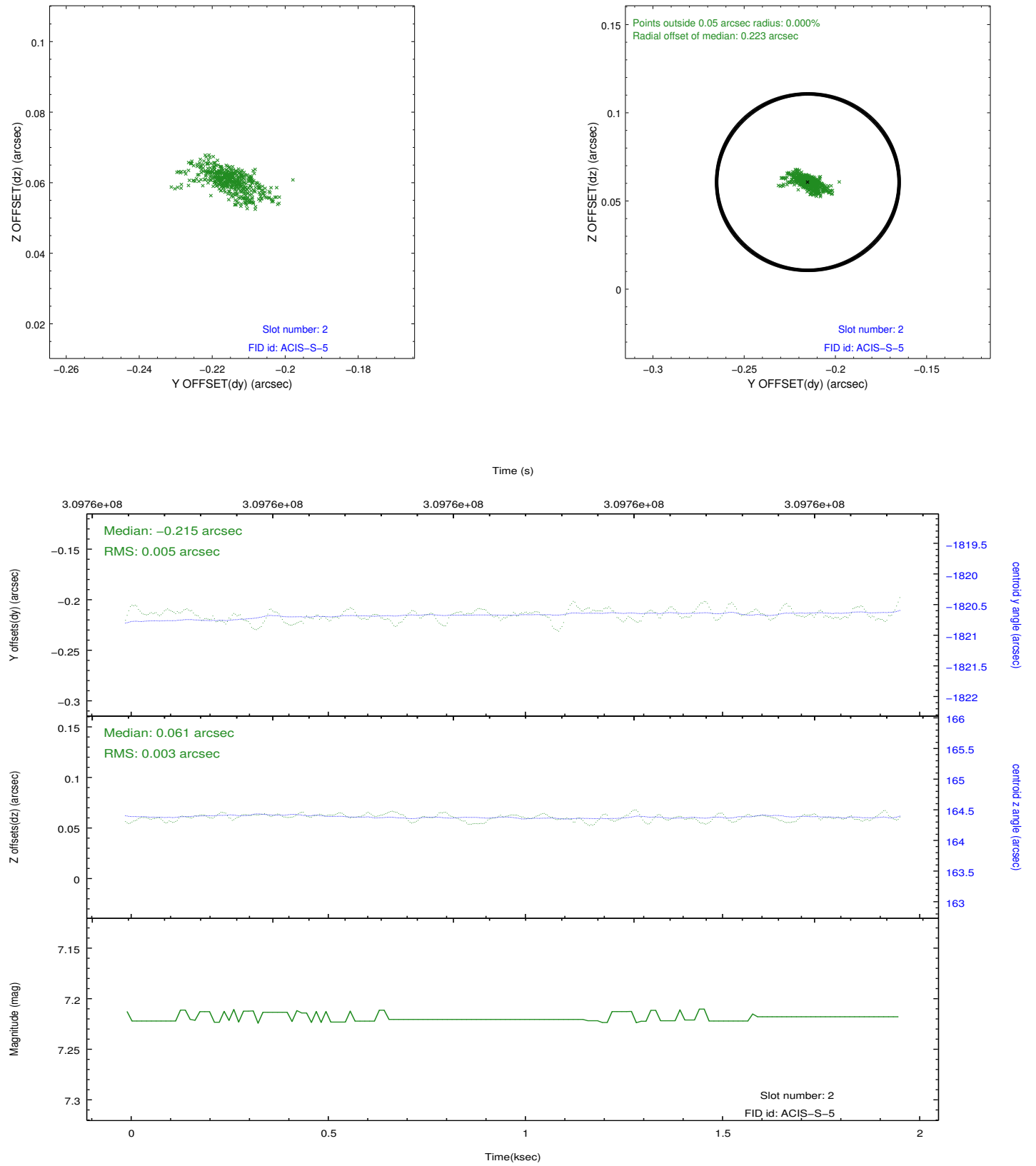
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.53919999

A.2 Comments