

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8158 - L2 Version 2
Chandra X-Ray Center

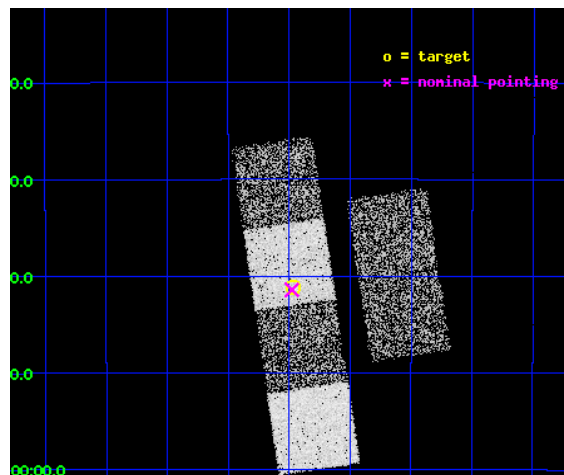
L2 Processing Date : May 3 2012

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1 Front

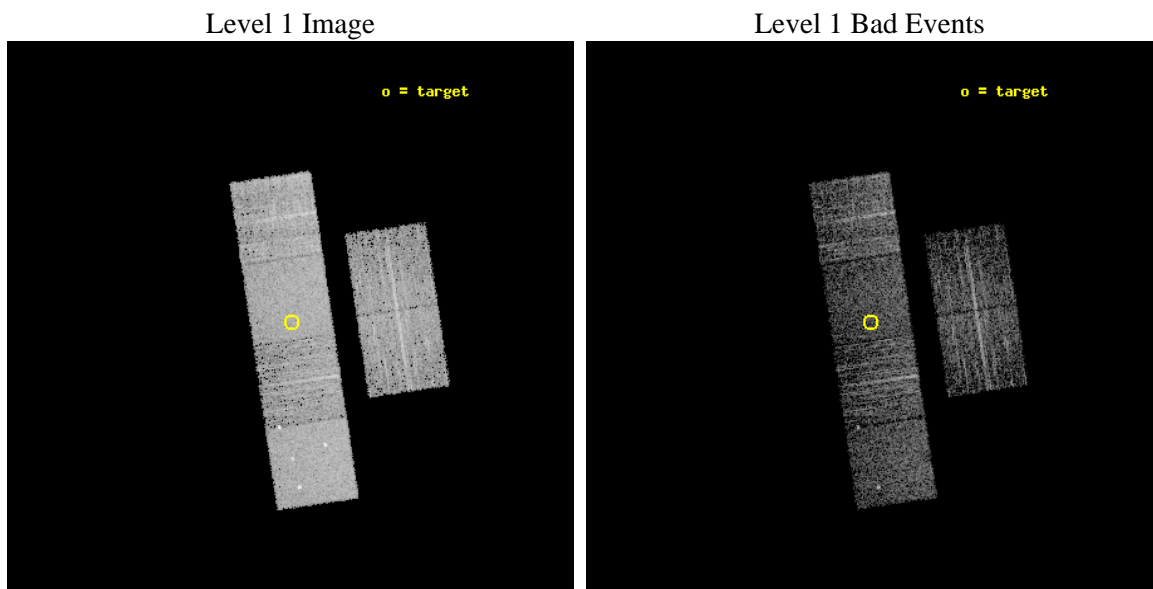
seq_num	900699	Sequence number
obs_id	8158	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J173628-3141	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	264.117083	Observer's specified target RA [deg]
dec_targ	-31.686	Observer's specified target Dec [deg]
ra_nom	264.11944310173	Nominal RA [deg]
dec_nom	-31.690473757785	Nominal Dec [deg]
roll_nom	261.52724879997	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2537.5999906063	Sum of GTIs [s]
livetime	2505.467371566	Livetime [s]
ontime2	2537.5999906063	Sum of GTIs [s]
ontime3	2537.5999906063	Sum of GTIs [s]
ontime5	2537.5999906063	Sum of GTIs [s]
ontime6	2537.5999906063	Sum of GTIs [s]
ontime7	2537.5999906063	Sum of GTIs [s]
ontime8	2534.3590303063	Sum of GTIs [s]
l2events	41199	Number of level 2 events



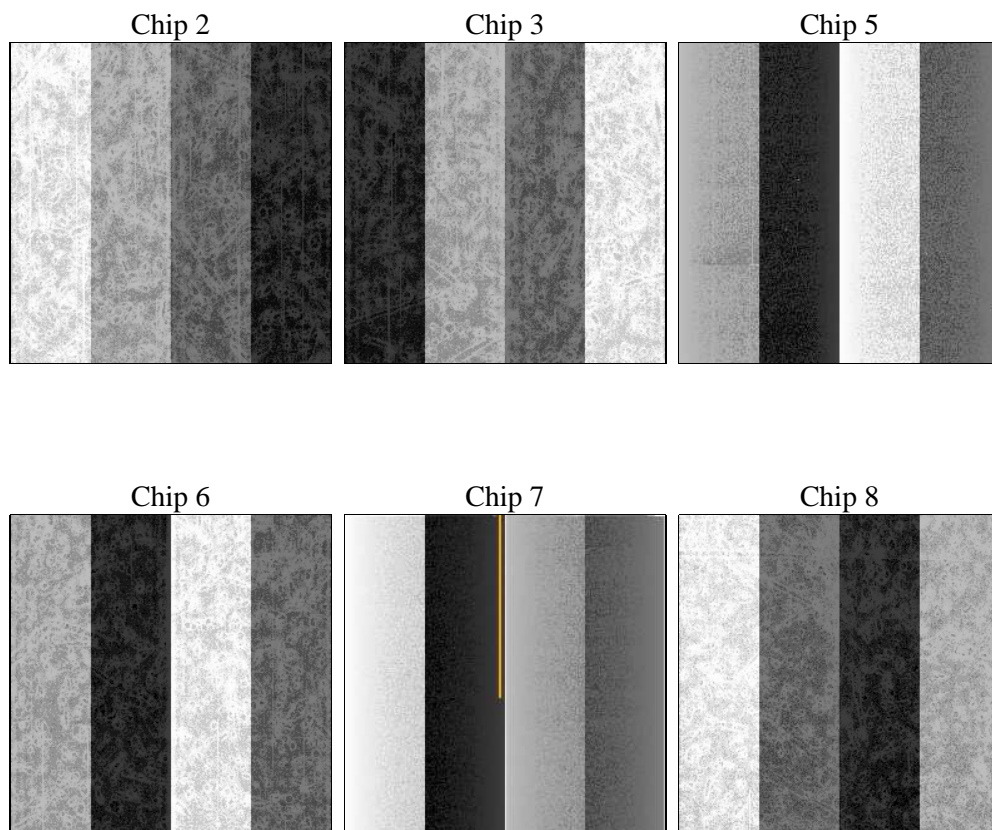
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2780.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2537.5999906063	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	2537.5999906063	Sum of GTIs [s]
date	2012-05-03T12:26:59	Date and time of file creation	ontime3	2537.5999906063	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2537.5999906063	Sum of GTIs [s]
			ontime6	2537.5999906063	Sum of GTIs [s]
			ontime7	2537.5999906063	Sum of GTIs [s]
			ontime8	2534.3590303063	Sum of GTIs [s]
			l1events	181005	Number of level 1 events

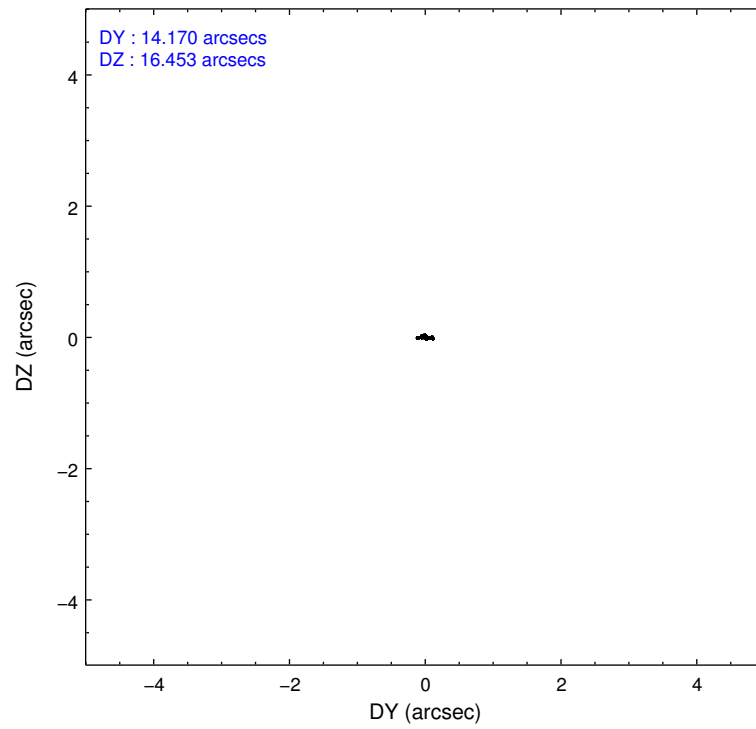
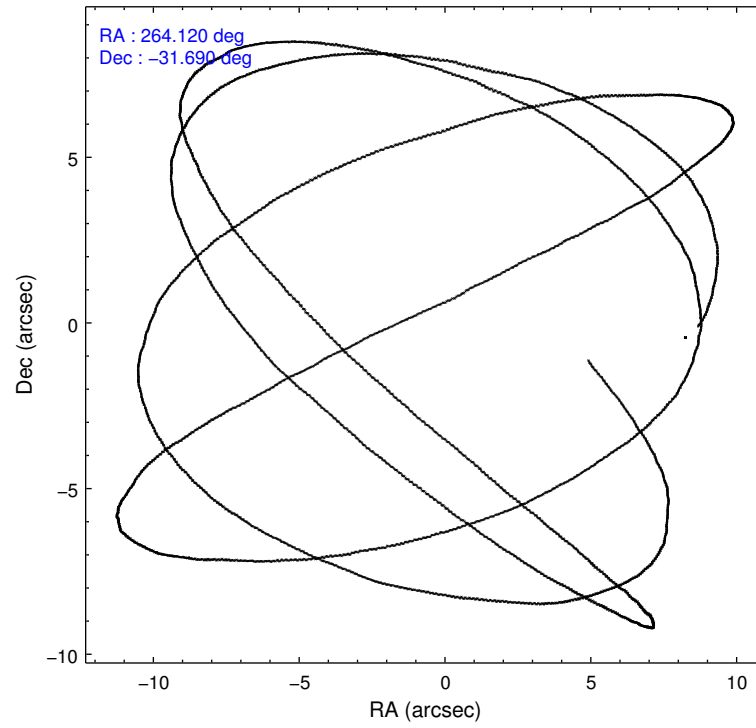
2.1.4 Events

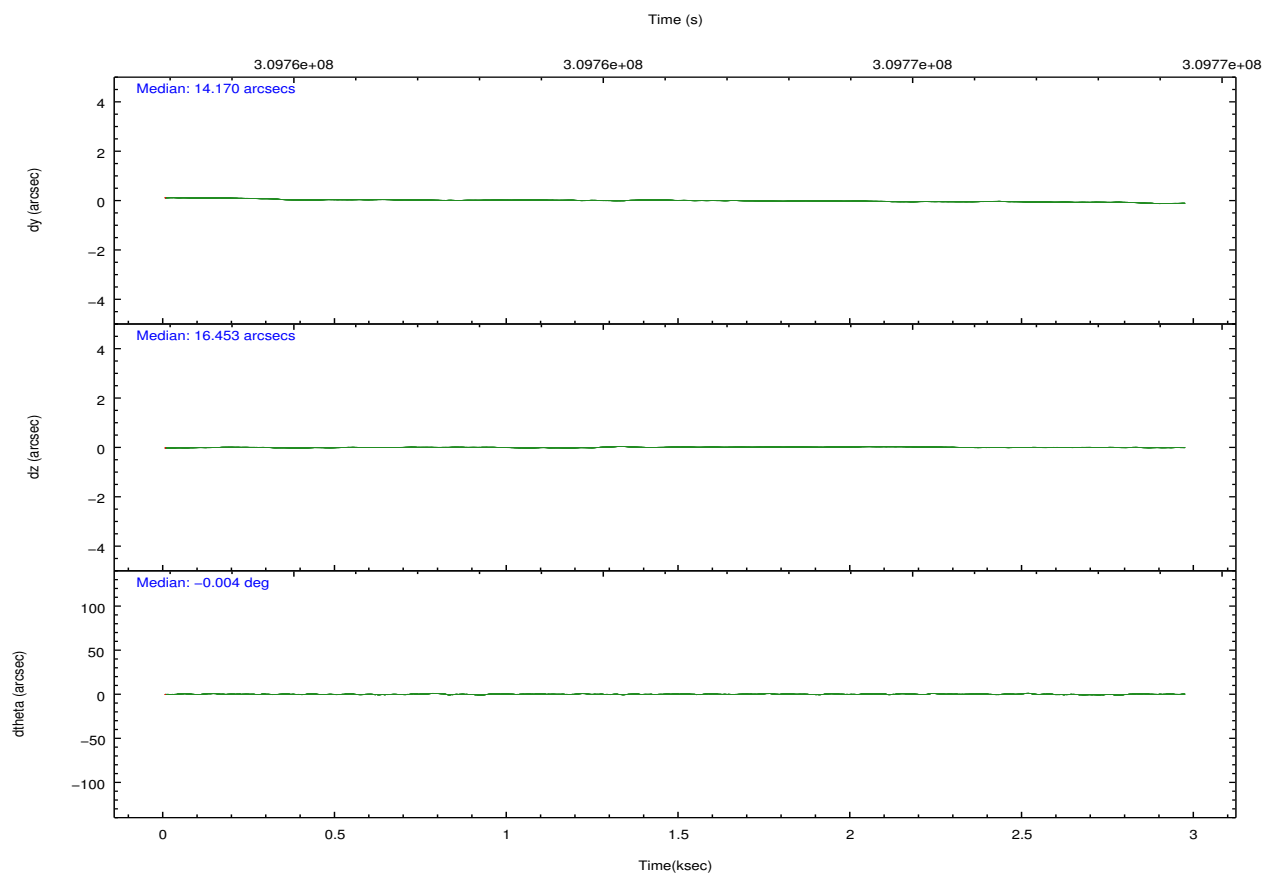
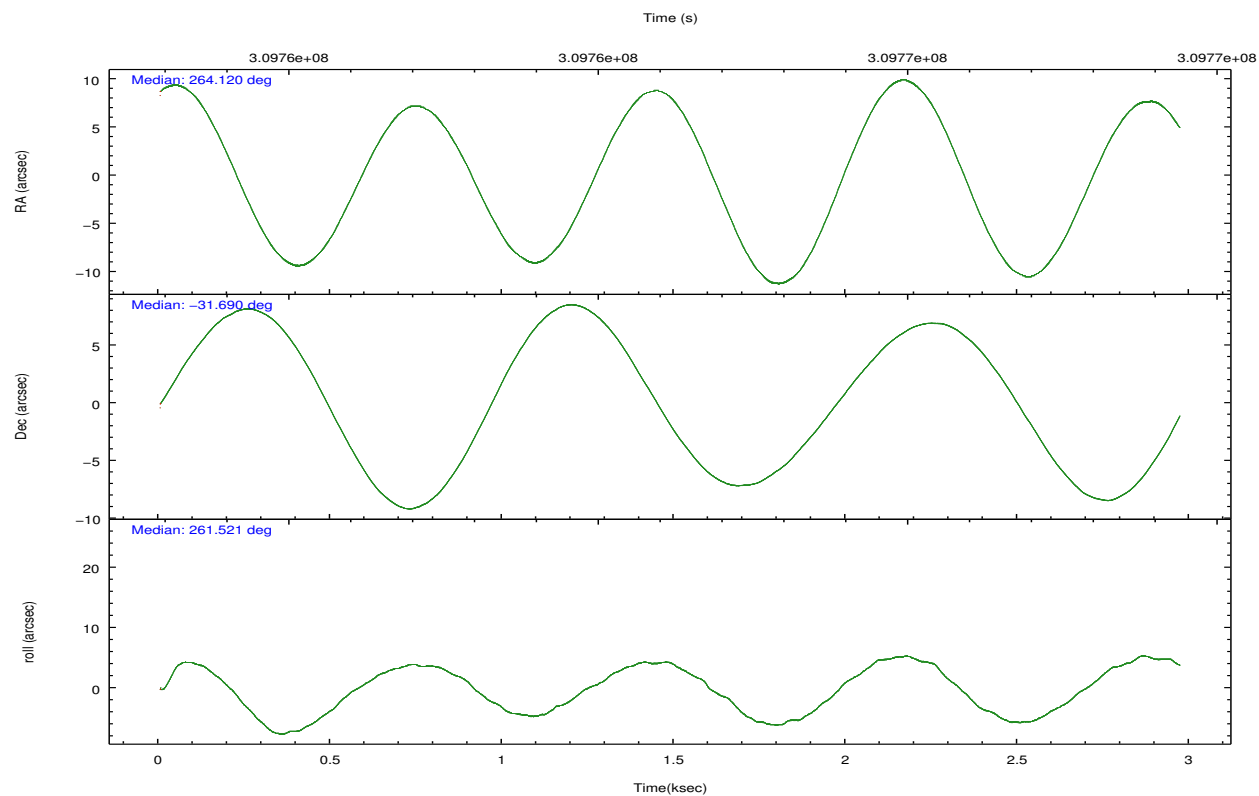
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	25319	22541	39308	25698	33847	34292	grade 0 events	1295	1298	1955	1261	1198	2346
rejected events	22419	19646	20881	22661	19599	27007		5%	5%	4%	4%	3%	6%
rejected %	88%	87%	53%	88%	57%	78%	grade 1 events	21	18	272	13	39	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	593	553	5510	651	2922	1630
								2%	2%	14%	2%	8%	4%
							grade 3 events	263	297	703	291	1167	741
								1%	1%	1%	1%	3%	2%
							grade 4 events	241	250	667	263	1159	730
								0%	1%	1%	1%	3%	2%
							grade 5 events	1018	1102	2752	1105	3046	1497
								4%	4%	7%	4%	8%	4%
							grade 6 events	509	503	9634	579	7843	1852
								2%	2%	24%	2%	23%	5%
							grade 7 events	21379	18520	17815	21535	16473	25448
								84%	82%	45%	83%	48%	74%

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	264.107132	264.119443101729	CCD I2 on	O2	Y
[deg] Pointing Dec	-31.665164	-31.69047375778493	CCD I3 on	O3	Y
[deg] Pointing Roll	261.364177	261.5272487999669	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)	309763939.184000	309763563.24913	CCD S5 on	N	N
Observation start date	2007-10-26T05:31:14	2007-10-26T05:26:03	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	309766719.184000	309767024.6743	On-chip summing requested	N	N
Observation end date	2007-10-26T06:17:34	2007-10-26T06:23:44	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



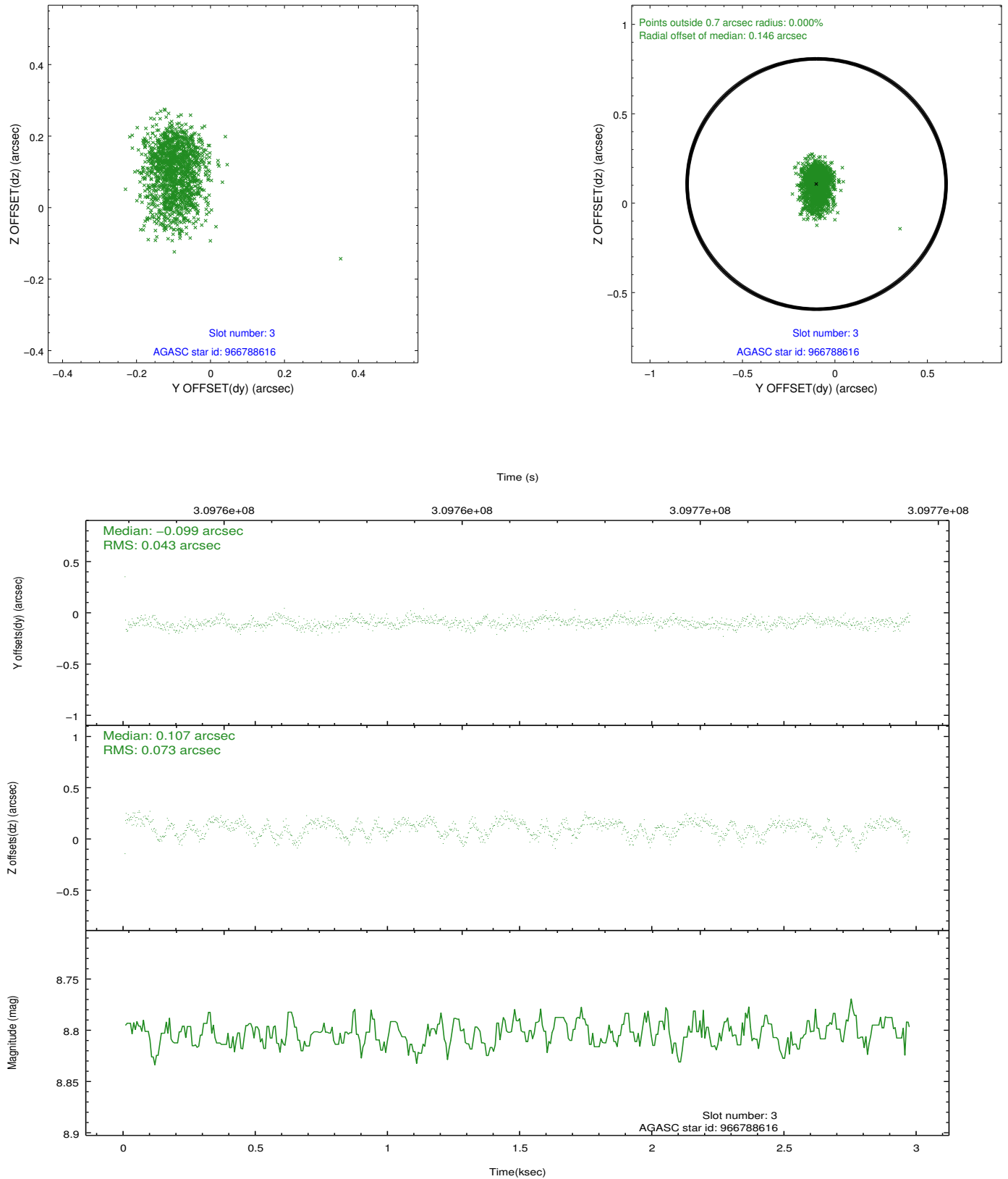


Slot Statistics

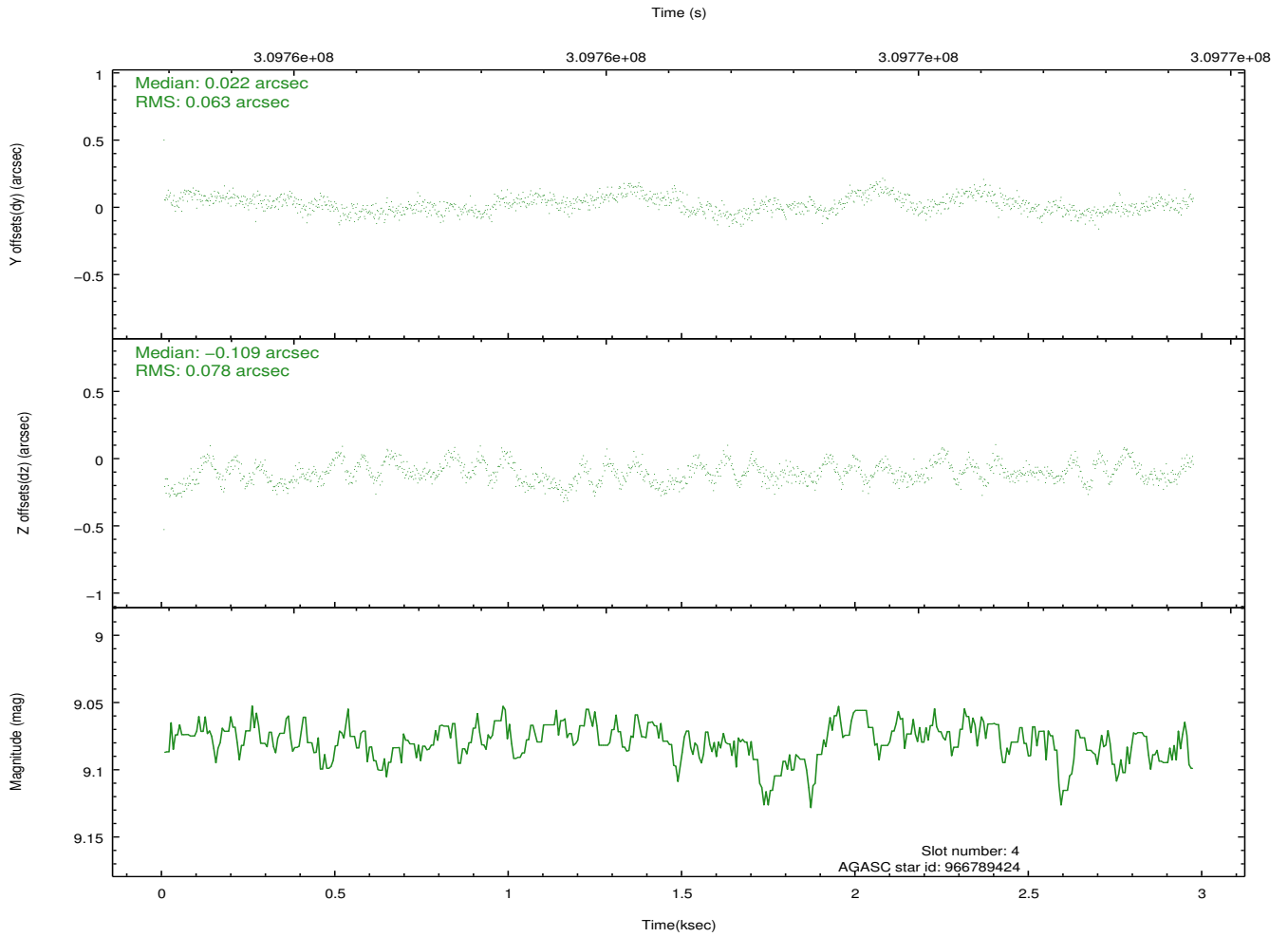
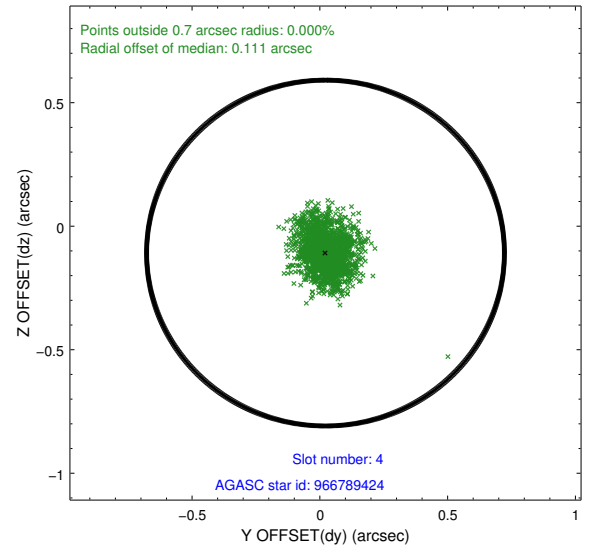
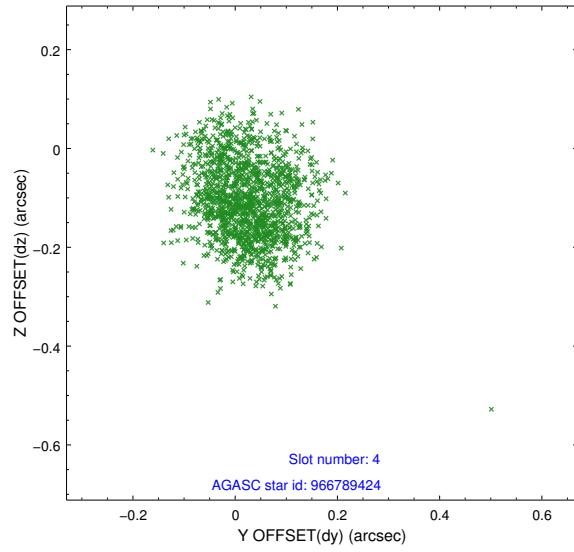
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	725	-0.062	-0.028	0.007	0.011	0.000000	0.000000	-767.19	-1737.84
1	FID	ACIS-S-4	7.18	725	0.187	0.038	0.005	0.010	0.000000	0.000000	2145.36	168.45
2	FID	ACIS-S-5	7.22	725	-0.156	-0.000	0.007	0.012	0.000000	0.000000	-1817.35	164.56
3	GUIDE	966788616	8.80	1448	-0.099	0.107	0.089	0.150	263.482843	-31.275596	-1092.07	-2109.15
4	GUIDE	966789424	9.08	1445	0.022	-0.109	0.106	0.167	263.667420	-31.310754	-1055.75	-1530.16
5	GUIDE	966791896	8.26	1445	-0.196	-0.089	0.065	0.105	264.813860	-31.726326	-101.03	2172.25
6	GUIDE	967314040	7.45	1449	0.363	0.040	0.072	0.111	264.244314	-32.128610	1587.66	665.56
7	GUIDE	967314424	8.98	1448	-0.087	0.050	0.078	0.124	263.423015	-31.957273	1361.64	-1906.56

2.4 Star Slots

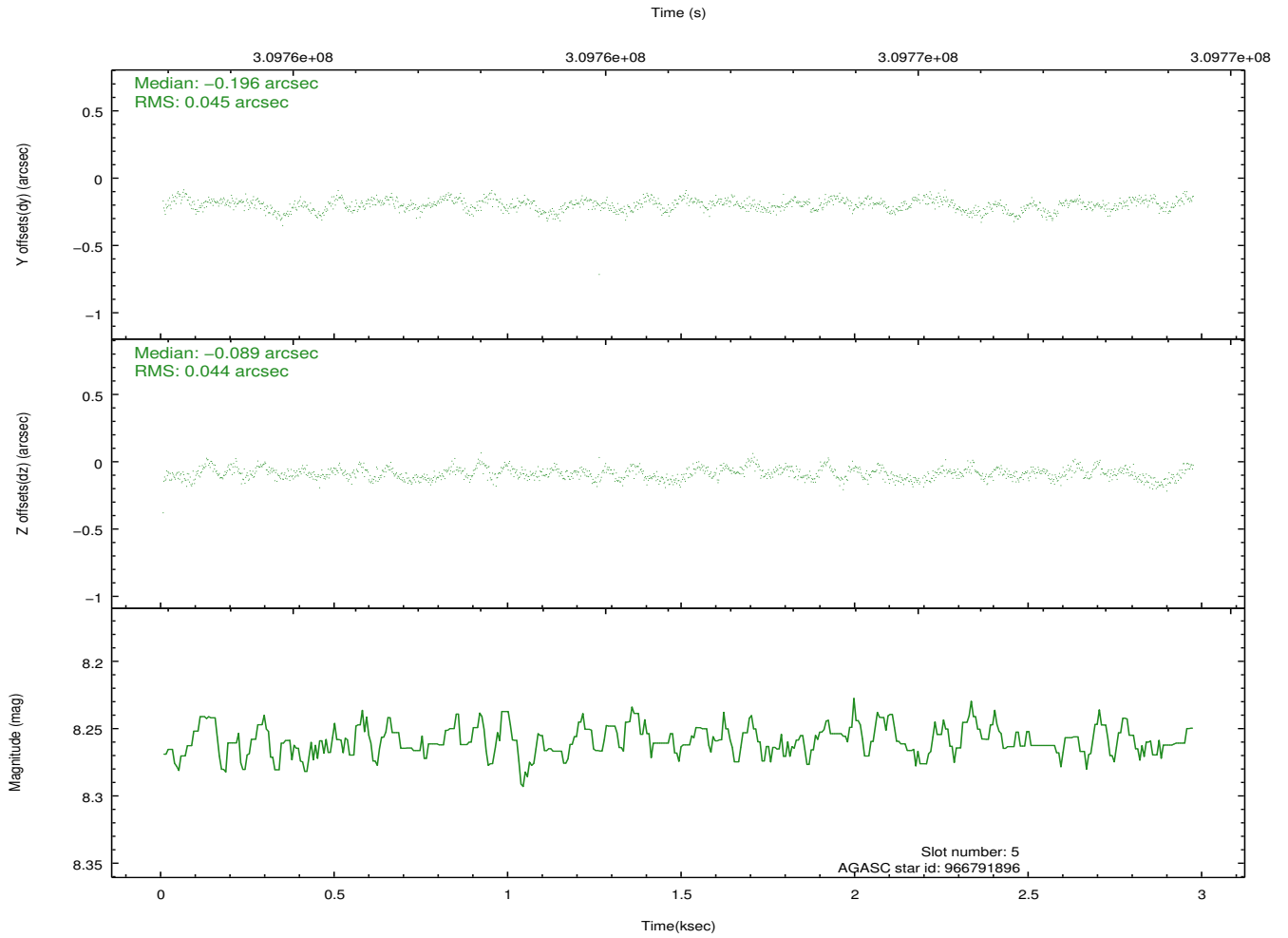
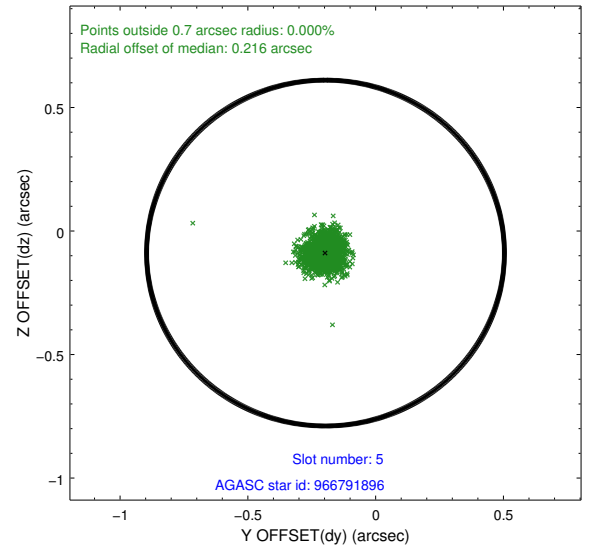
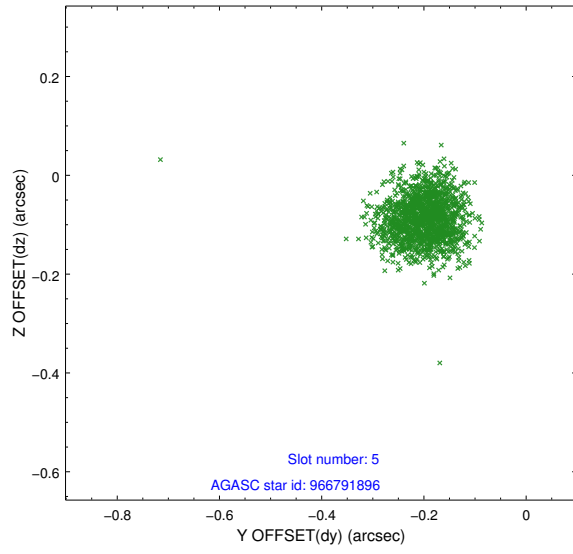
2.4.1 Slot 3



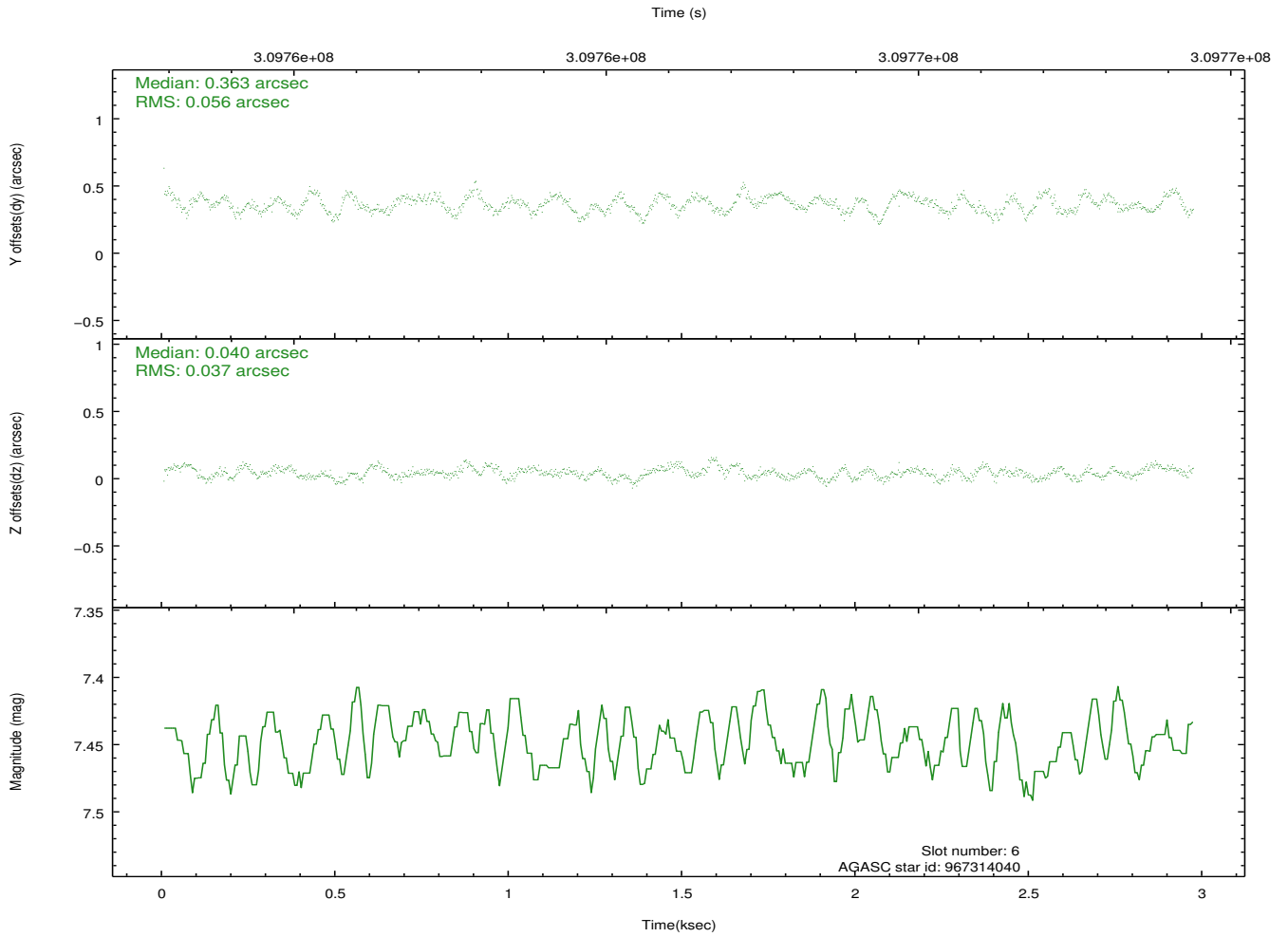
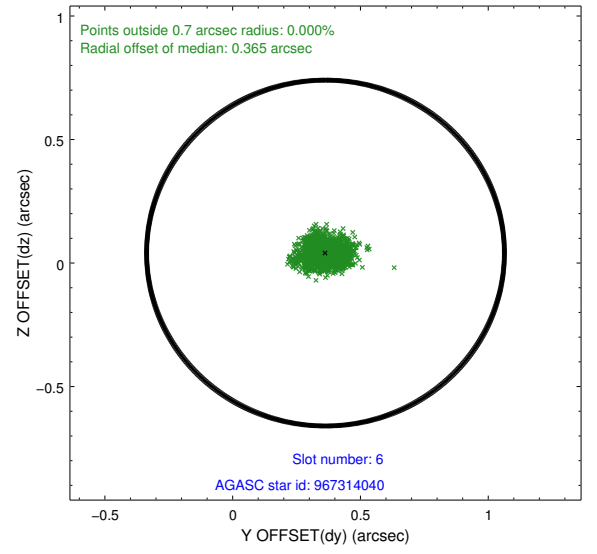
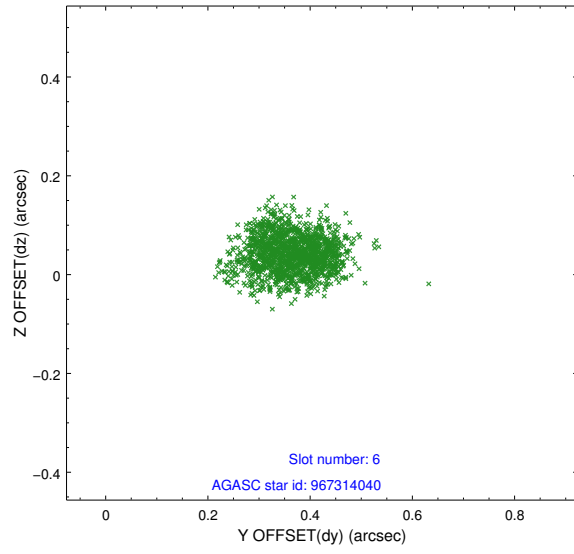
2.4.2 Slot 4



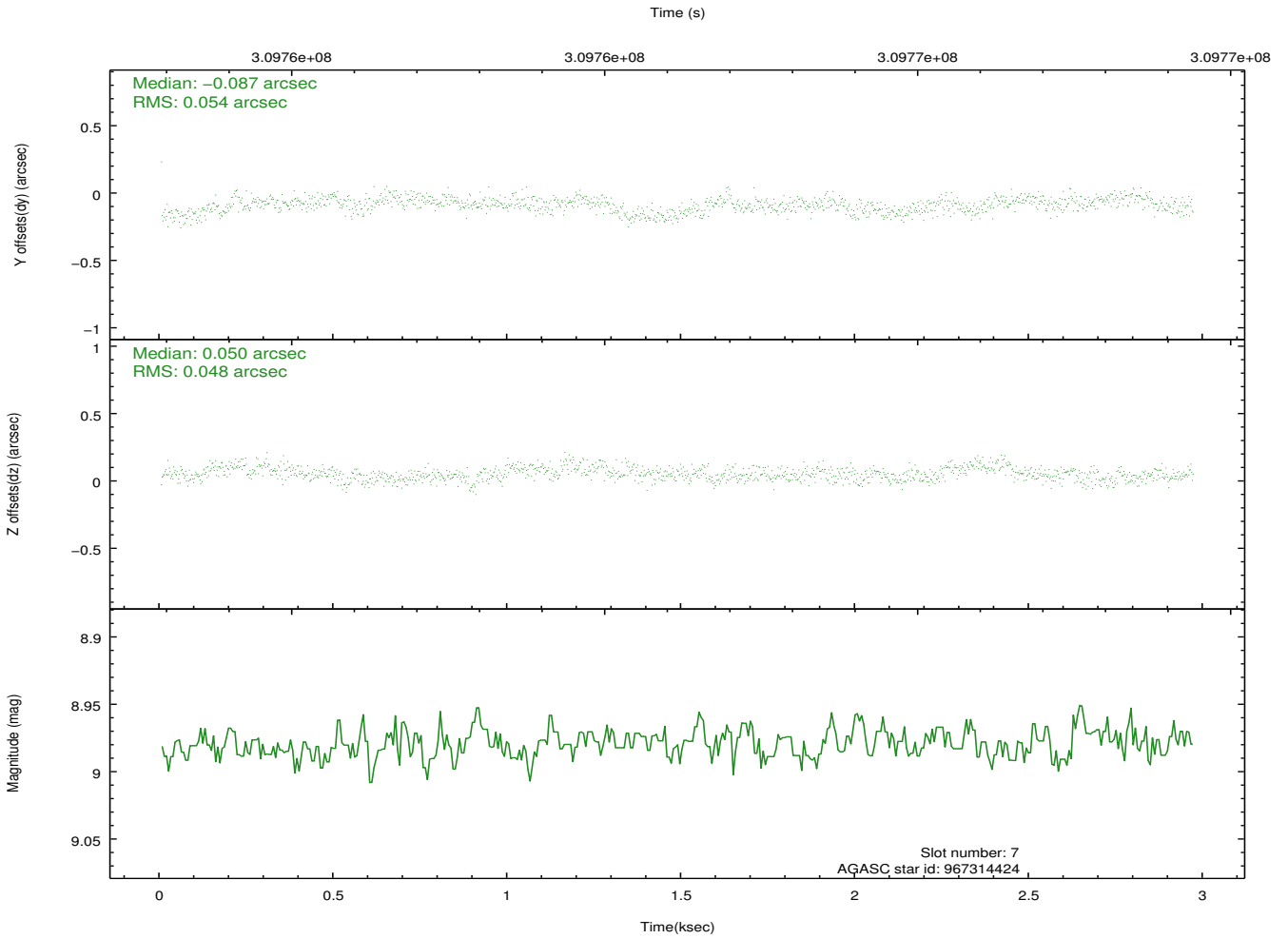
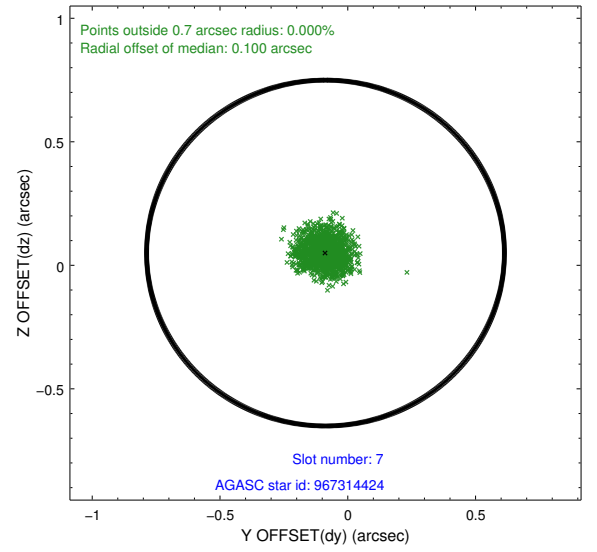
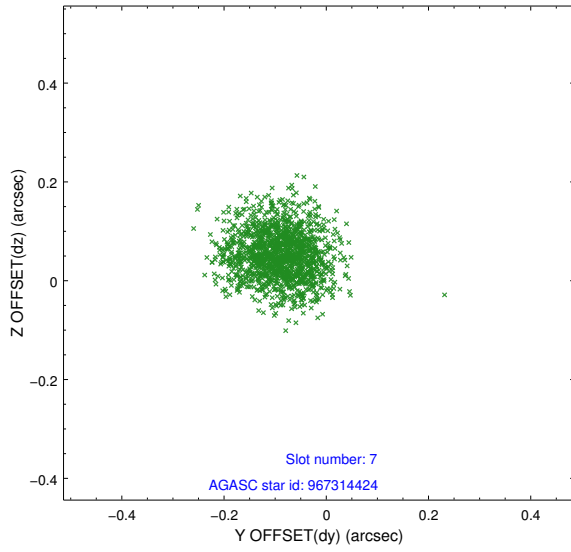
2.4.3 Slot 5



2.4.4 Slot 6

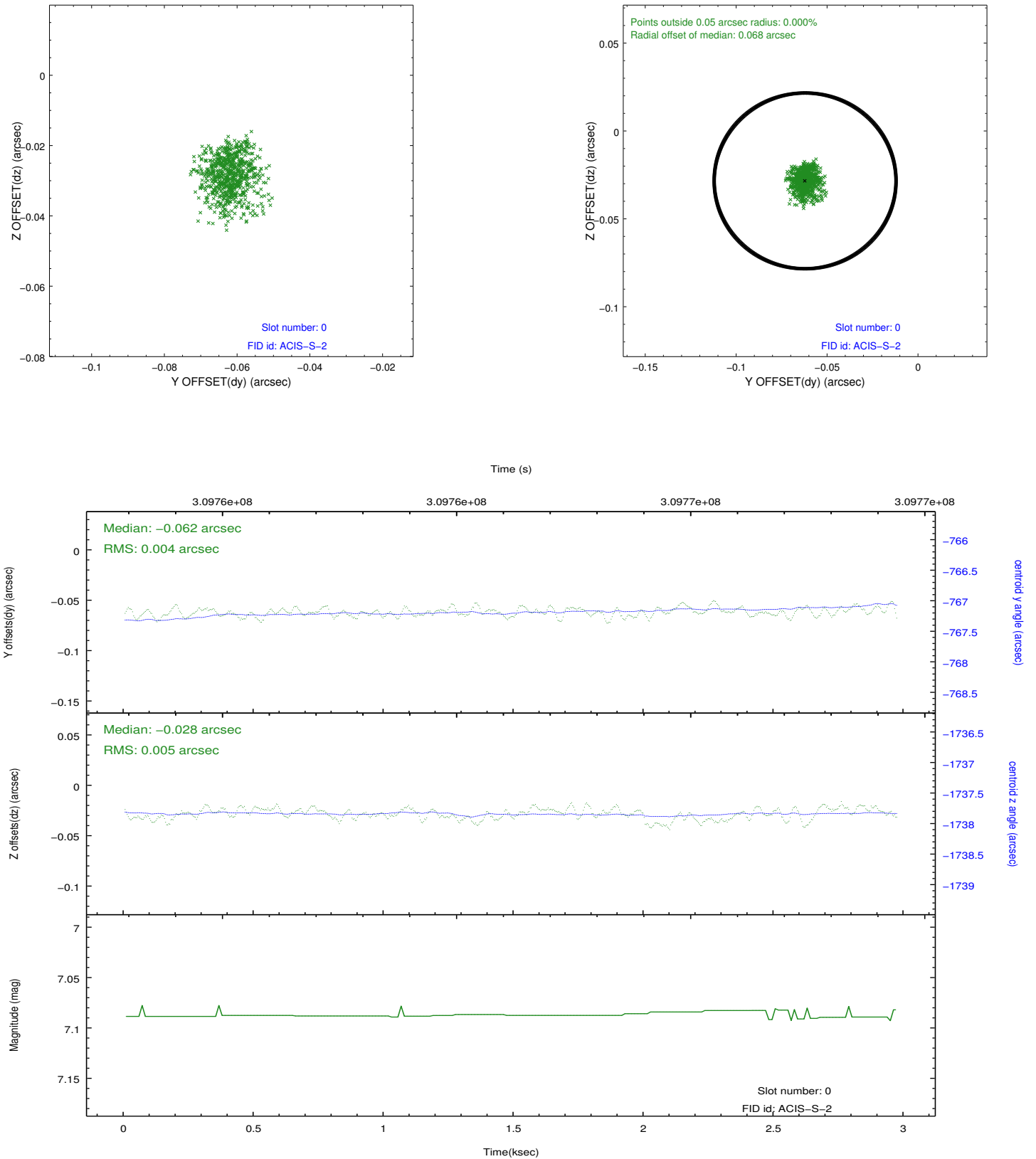


2.4.5 Slot 7

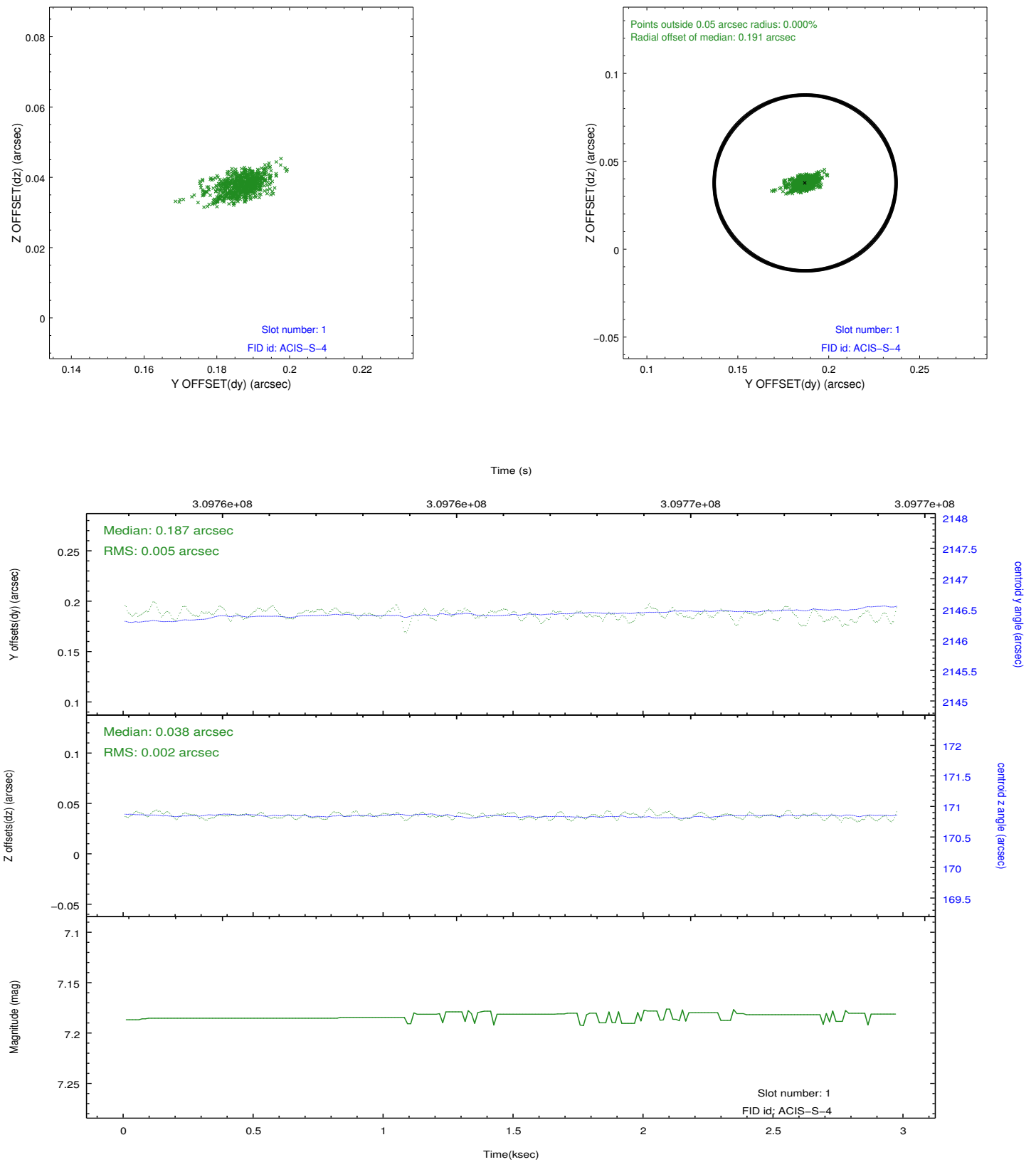


2.5 FID Slots

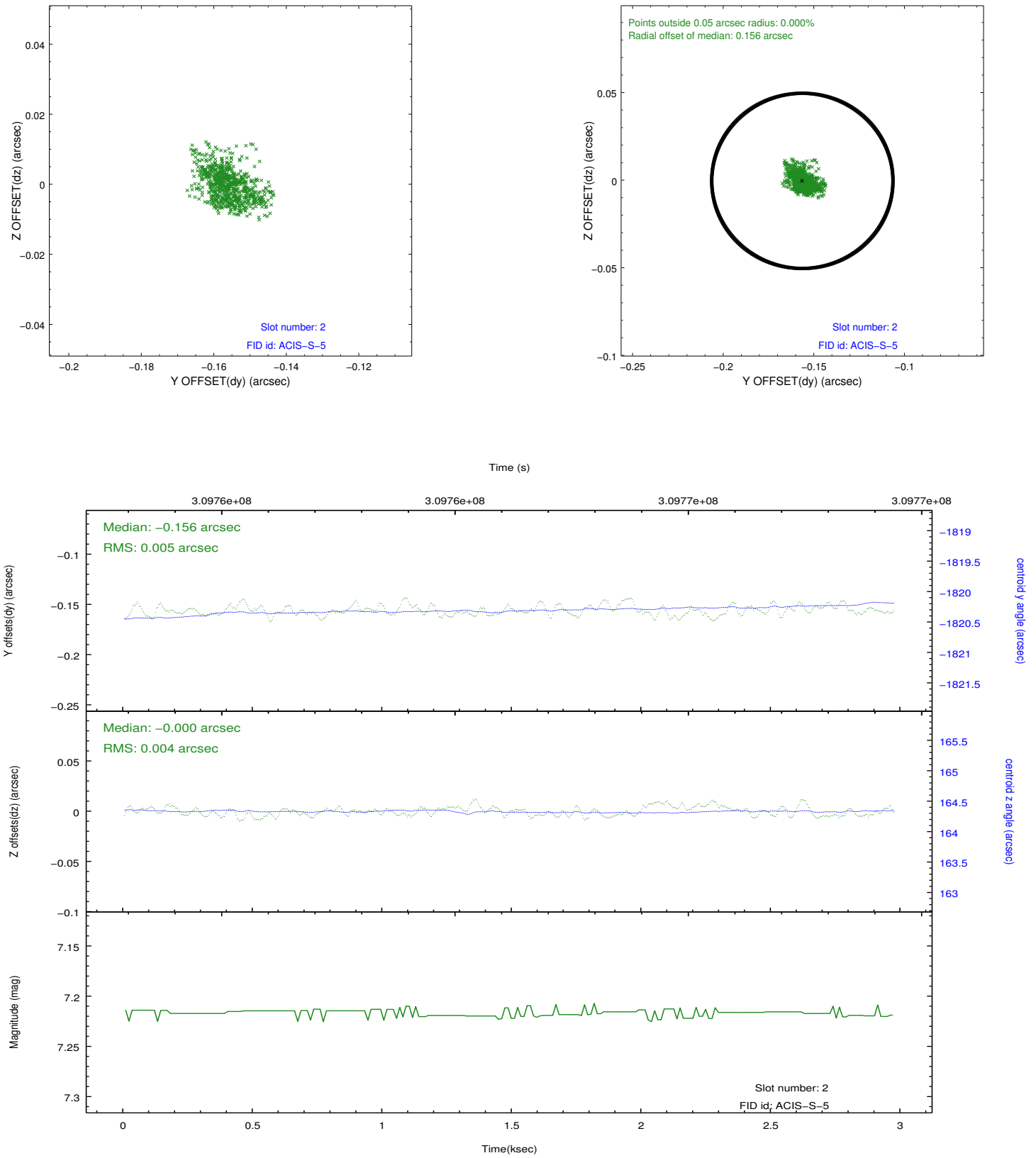
2.5.1 Slot 0



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	2.53759999

A.2 Comments