

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11575 - L2 Version 2
Chandra X-Ray Center

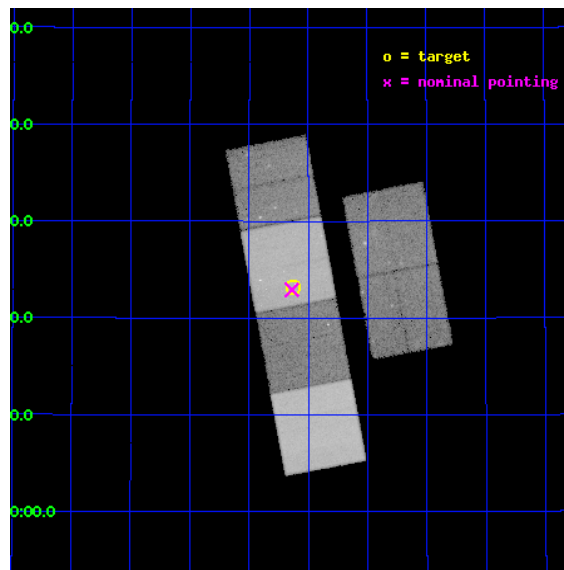
L2 Processing Date : Jun 17 2012

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1 Front

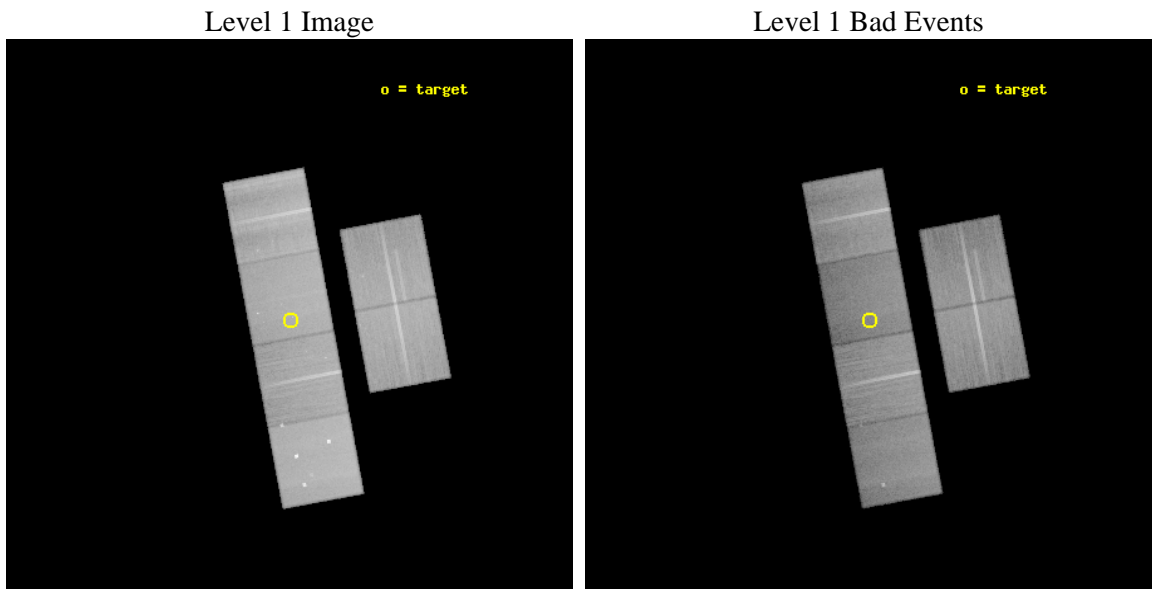
seq_num	702161	Sequence number
obs_id	11575	Observation id
title	The environmental and epoch dependence of radio-loud AGN feedback	
observer	Dr Judith Croston	Principal investigator
object	7C 0219+3423	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	34.9075	Observer's specified target RA [deg]
dec_targ	34.386444	Observer's specified target Dec [deg]
ra_nom	34.909617896547	Nominal RA [deg]
dec_nom	34.381926308401	Nominal Dec [deg]
roll_nom	259.38771180802	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39753.599851966	Sum of GTIs [s]
livetime	39250.215833896	Livetime [s]
ontime2	39753.599851966	Sum of GTIs [s]
ontime3	39753.599851966	Sum of GTIs [s]
ontime5	39753.599851966	Sum of GTIs [s]
ontime6	39753.599851966	Sum of GTIs [s]
ontime7	39753.599851966	Sum of GTIs [s]
ontime8	39747.117881417	Sum of GTIs [s]
l2events	549589	Number of level 2 events



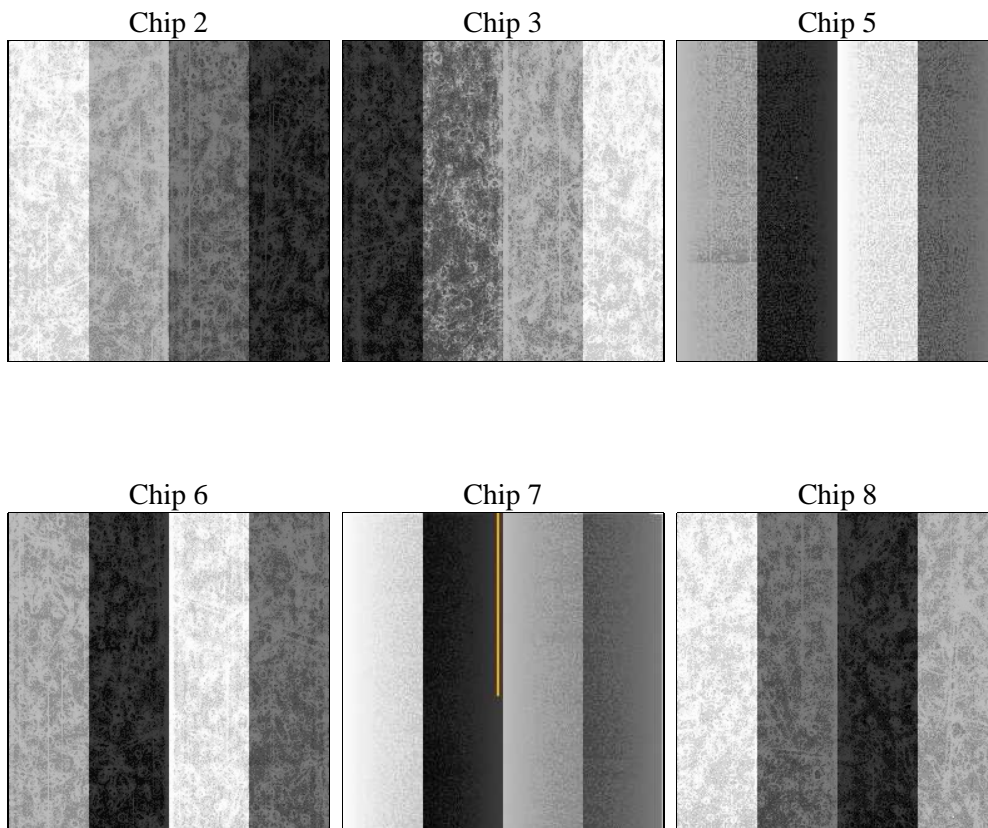
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	40000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	39753.599851966	Sum of GTIs [s]
caldbver	4.4.10	 	ontime2	39753.599851966	Sum of GTIs [s]
date	2012-06-17T18:11:54	Date and time of file creation	ontime3	39753.599851966	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	39753.599851966	Sum of GTIs [s]
			ontime6	39753.599851966	Sum of GTIs [s]
			ontime7	39753.599851966	Sum of GTIs [s]
			ontime8	39747.117881417	Sum of GTIs [s]
			l1events	2458240	Number of level 1 events

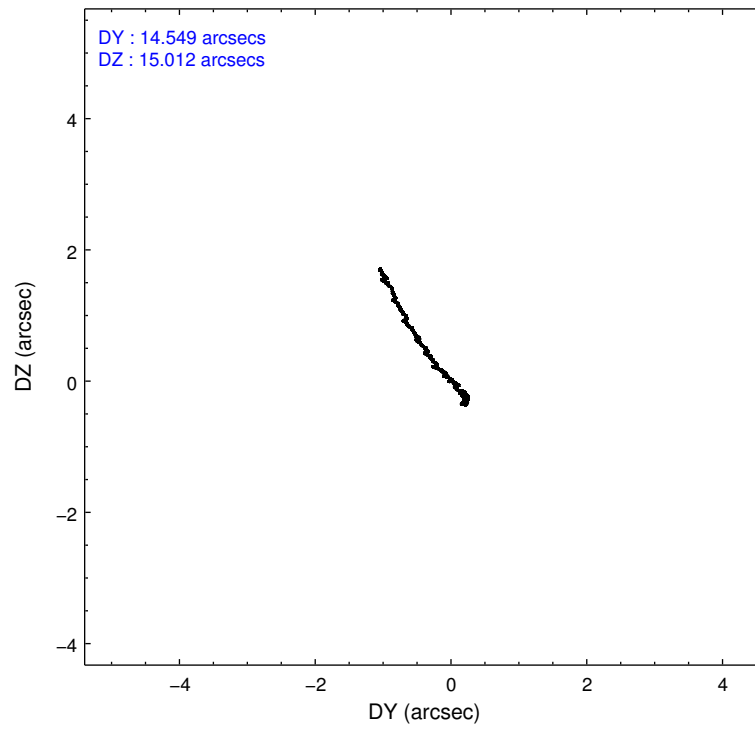
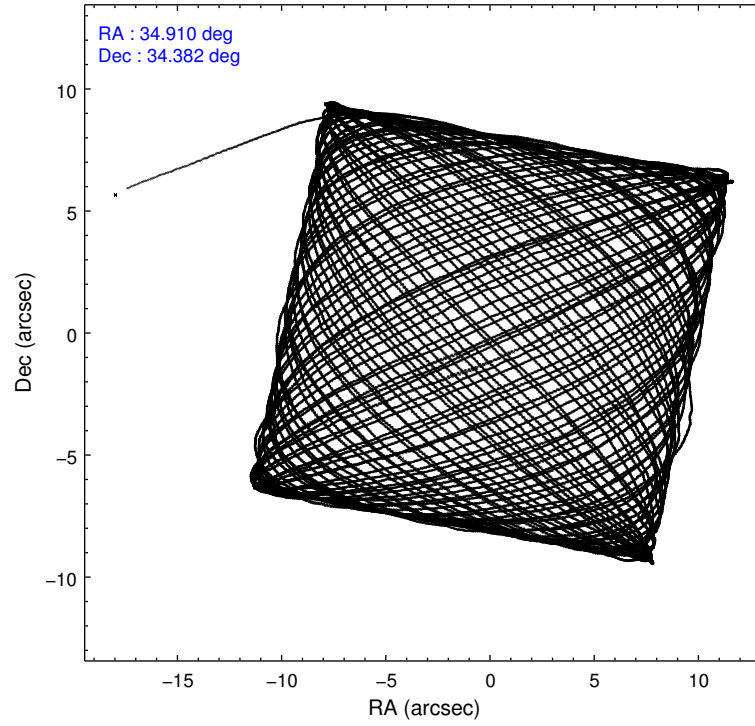
2.1.4 Events

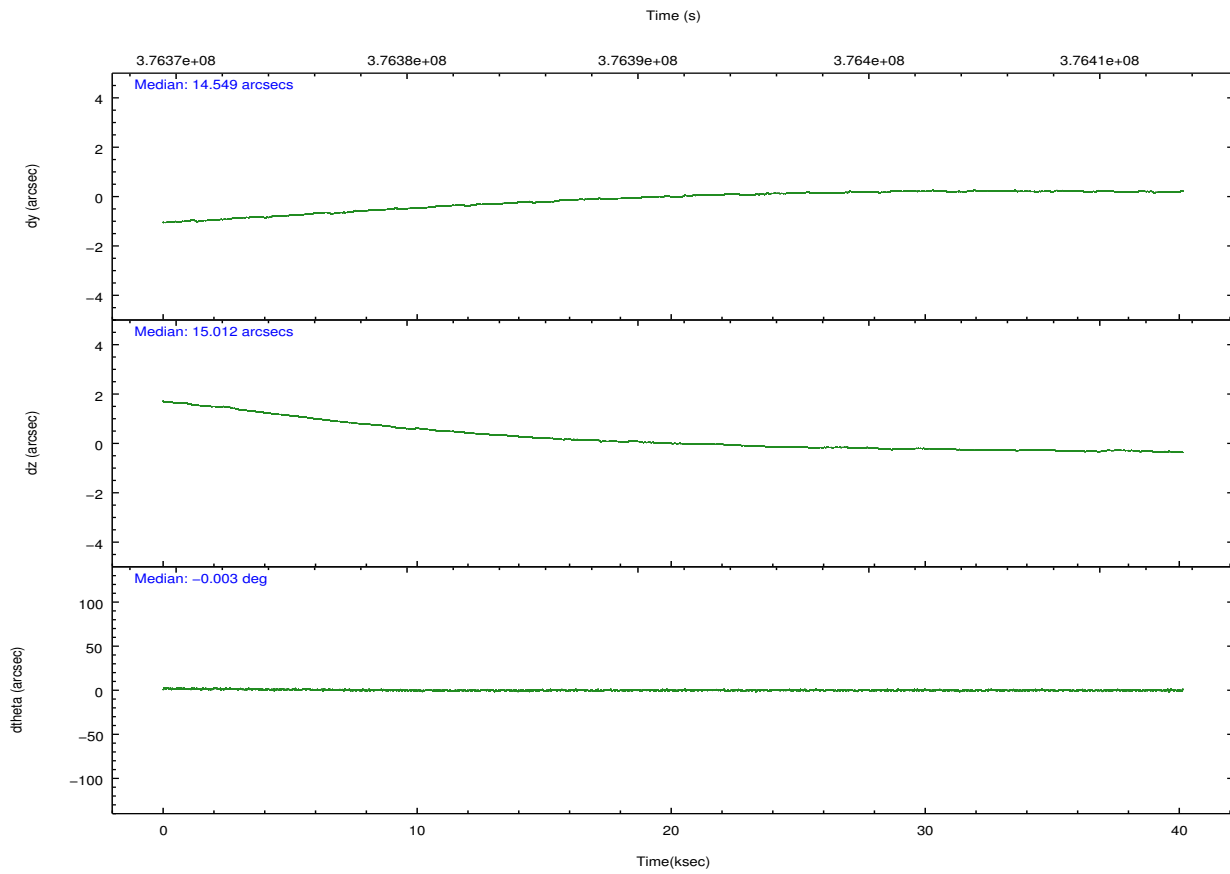
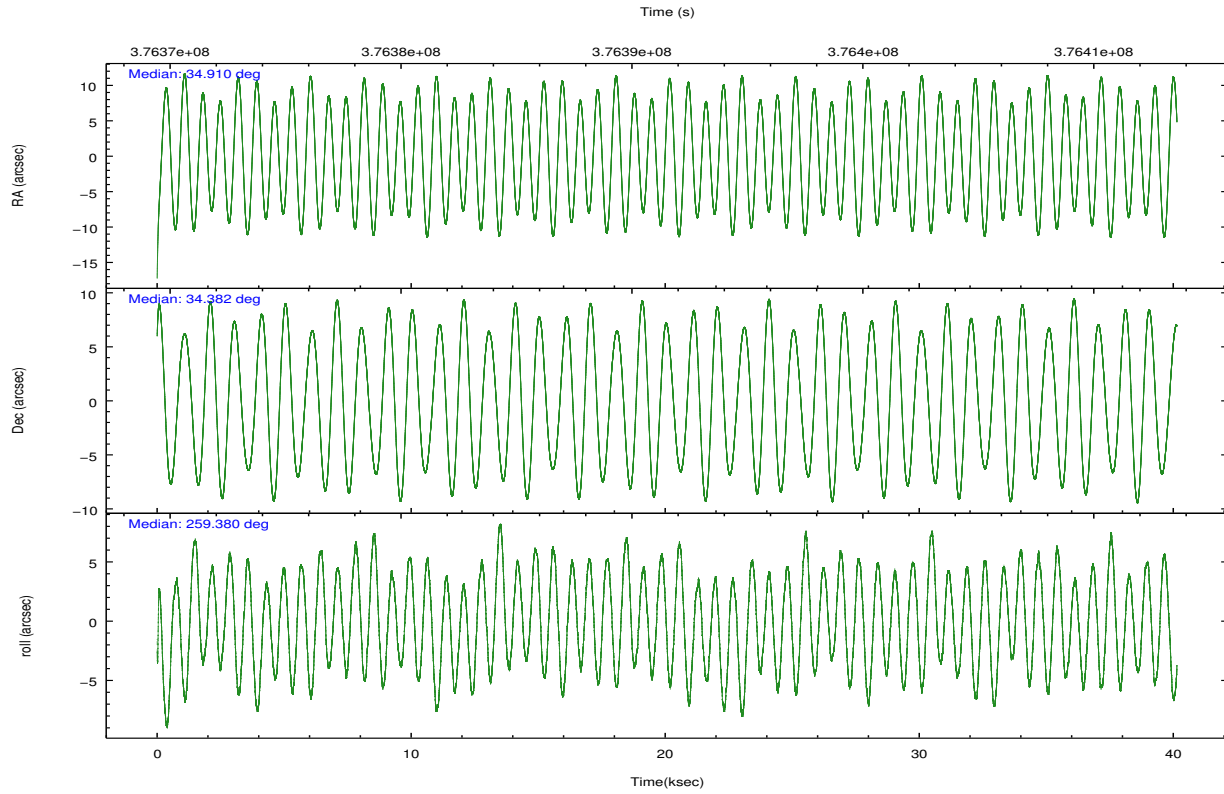
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	377664	343429	516204	359660	410024	451259	grade 0 events	13232	14282	33830	13396	17646	33741
rejected events	341042	307087	254932	322001	222174	336816		3%	4%	6%	3%	4%	7%
rejected %	90%	89%	49%	89%	54%	74%	grade 1 events	215	207	1171	187	509	383
								0%	0%	0%	0%	0%	0%
							grade 2 events	9003	7625	76004	8451	38768	26660
								2%	2%	14%	2%	9%	5%
							grade 3 events	3694	3856	10564	3934	17216	12230
								0%	1%	2%	1%	4%	2%
							grade 4 events	3833	3878	9762	3899	17261	11495
								1%	1%	1%	1%	4%	2%
							grade 5 events	12782	14612	39647	14726	42600	21553
								3%	4%	7%	4%	10%	4%
							grade 6 events	6862	6710	131158	7988	96984	30321
								1%	1%	25%	2%	23%	6%
							grade 7 events	328043	292259	214068	307079	179040	314876
								86%	85%	41%	85%	43%	69%

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	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	34.898176	34.90961789654745	CCD I2 on	O1	Y
[deg] Pointing Dec	34.407586	34.38192630840098	CCD I3 on	O2	Y
[deg] Pointing Roll	259.237552	259.3877118080158	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	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	Y	Y
[s] Observation start time (MET)	376371601.184000	376370361.79446	CCD S5 on	N	N
Observation start date	2009-12-05T03:38:55	2009-12-05T03:19:21	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	376411601.184000	376412522.60909	On-chip summing requested	N	N
Observation end date	2009-12-05T14:45:35	2009-12-05T15:02:02	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



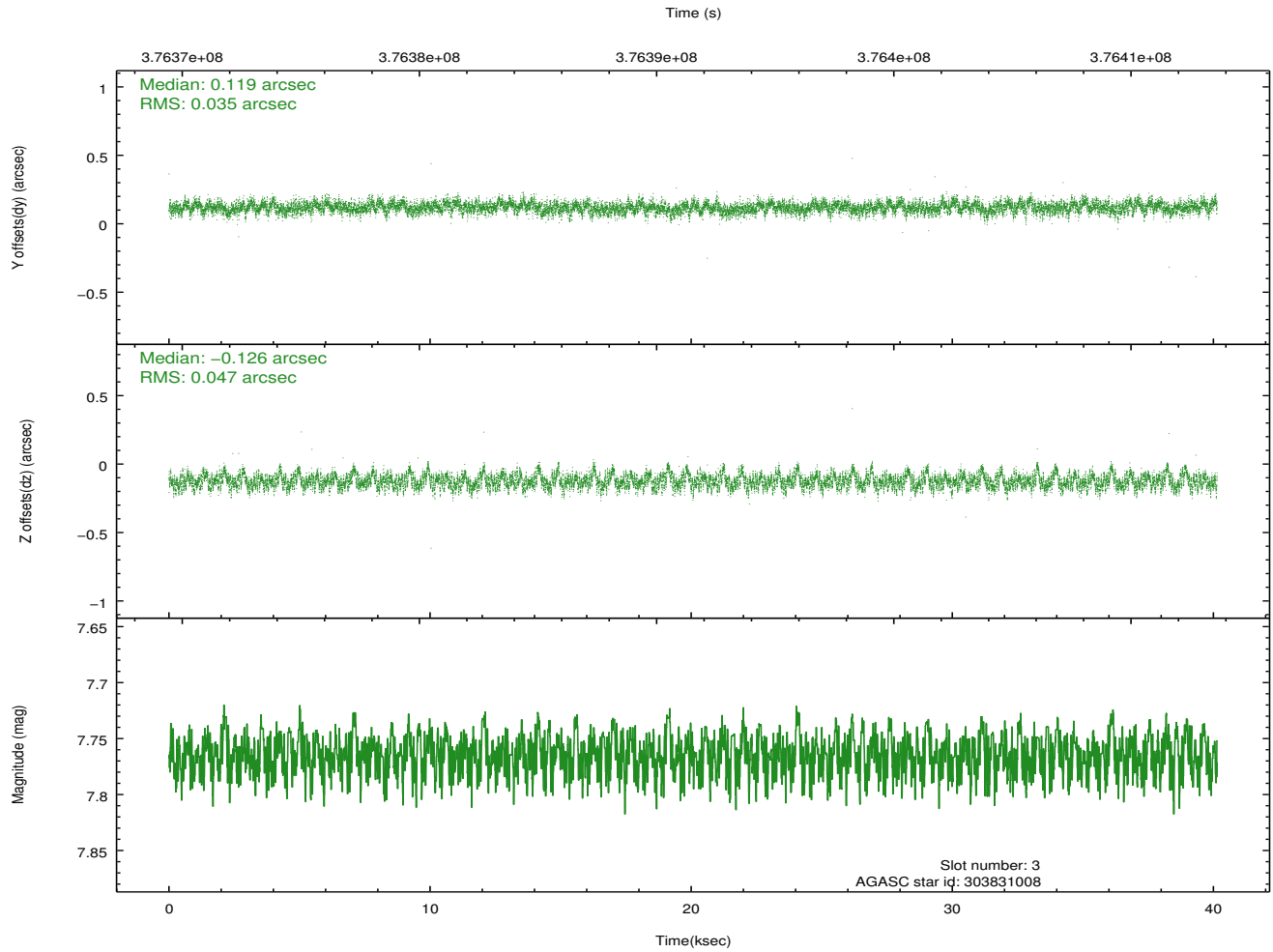
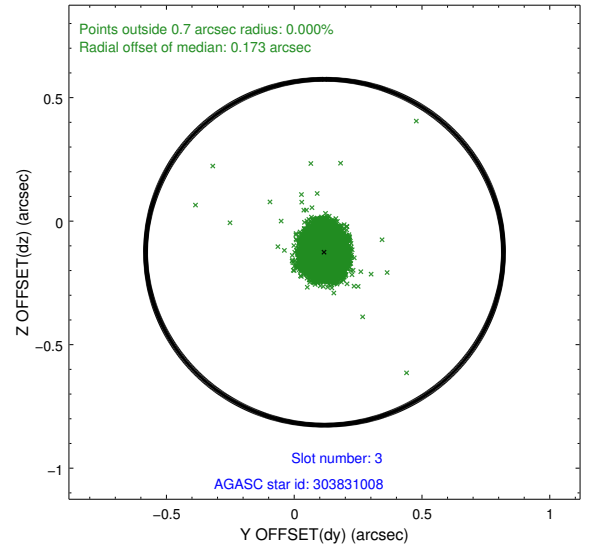
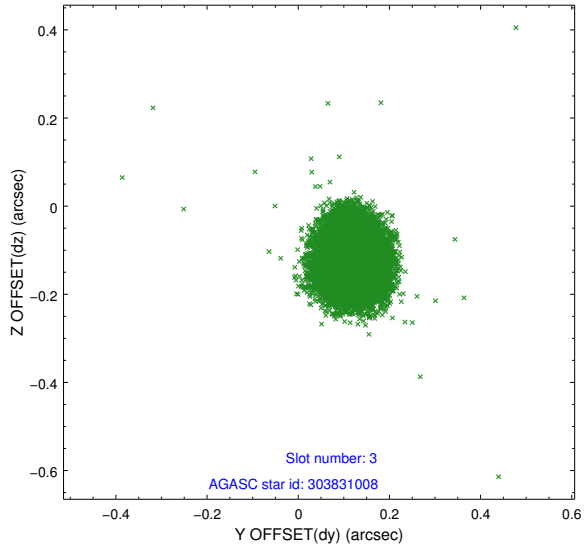


Slot Statistics

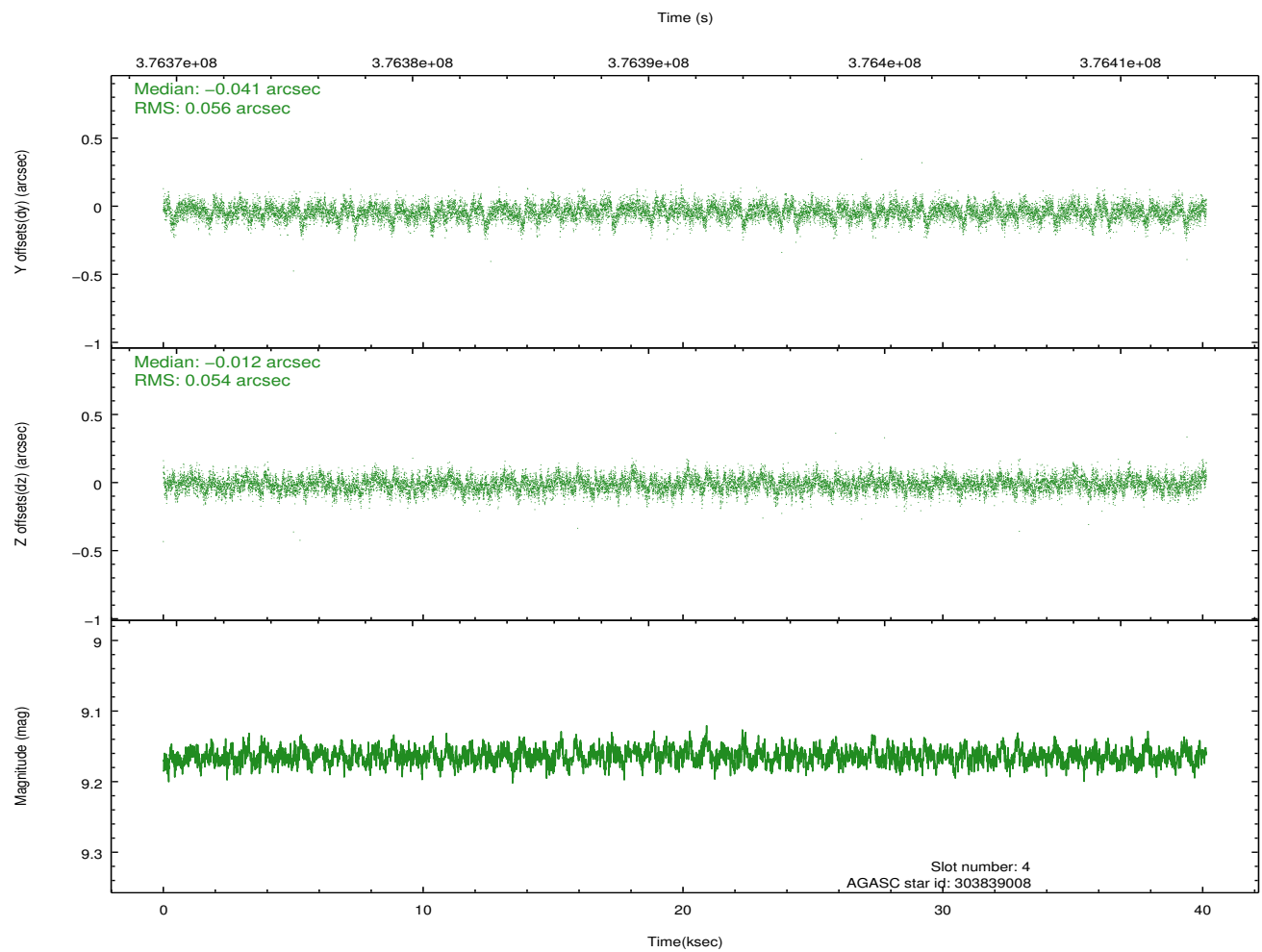
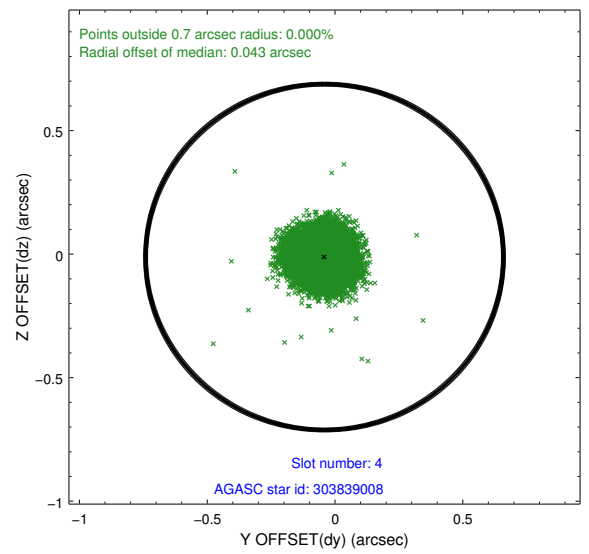
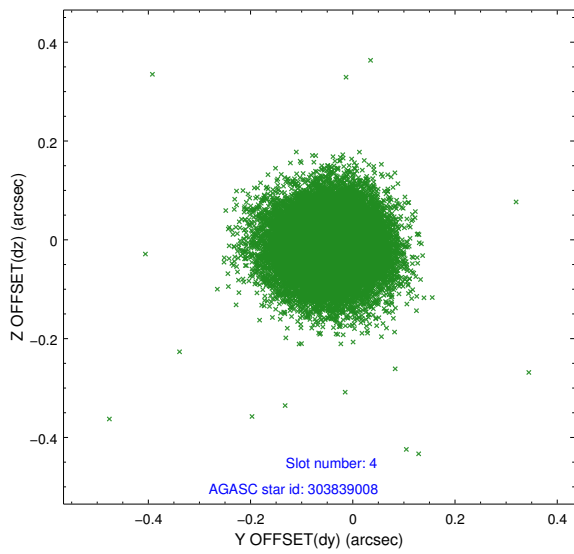
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	9790	0.040	0.001	0.025	0.063	0.000000	0.000000	928.66	-1732.31
1	FID	ACIS-S-2	6.91	9791	-0.147	-0.064	0.016	0.058	0.000000	0.000000	-767.42	-1736.86
2	FID	ACIS-S-4	6.98	9790	0.083	0.069	0.014	0.042	0.000000	0.000000	2146.00	171.87
3	GUIDE	303831008	7.76	19573	0.119	-0.126	0.062	0.100	34.820963	34.032760	1368.90	25.94
4	GUIDE	303839008	9.16	19565	-0.041	-0.012	0.082	0.134	35.149051	34.950790	-2060.08	361.87
5	GUIDE	303838128	7.42	19580	-0.085	0.260	0.061	0.103	34.034986	34.305793	829.17	-2454.78
6	GUIDE	303836888	9.36	19557	0.041	-0.037	0.099	0.160	35.701362	34.346190	-237.97	2384.86
7	GUIDE	303838048	9.20	19562	-0.036	-0.091	0.096	0.151	35.747608	34.665443	-1392.11	2295.88

2.4 Star Slots

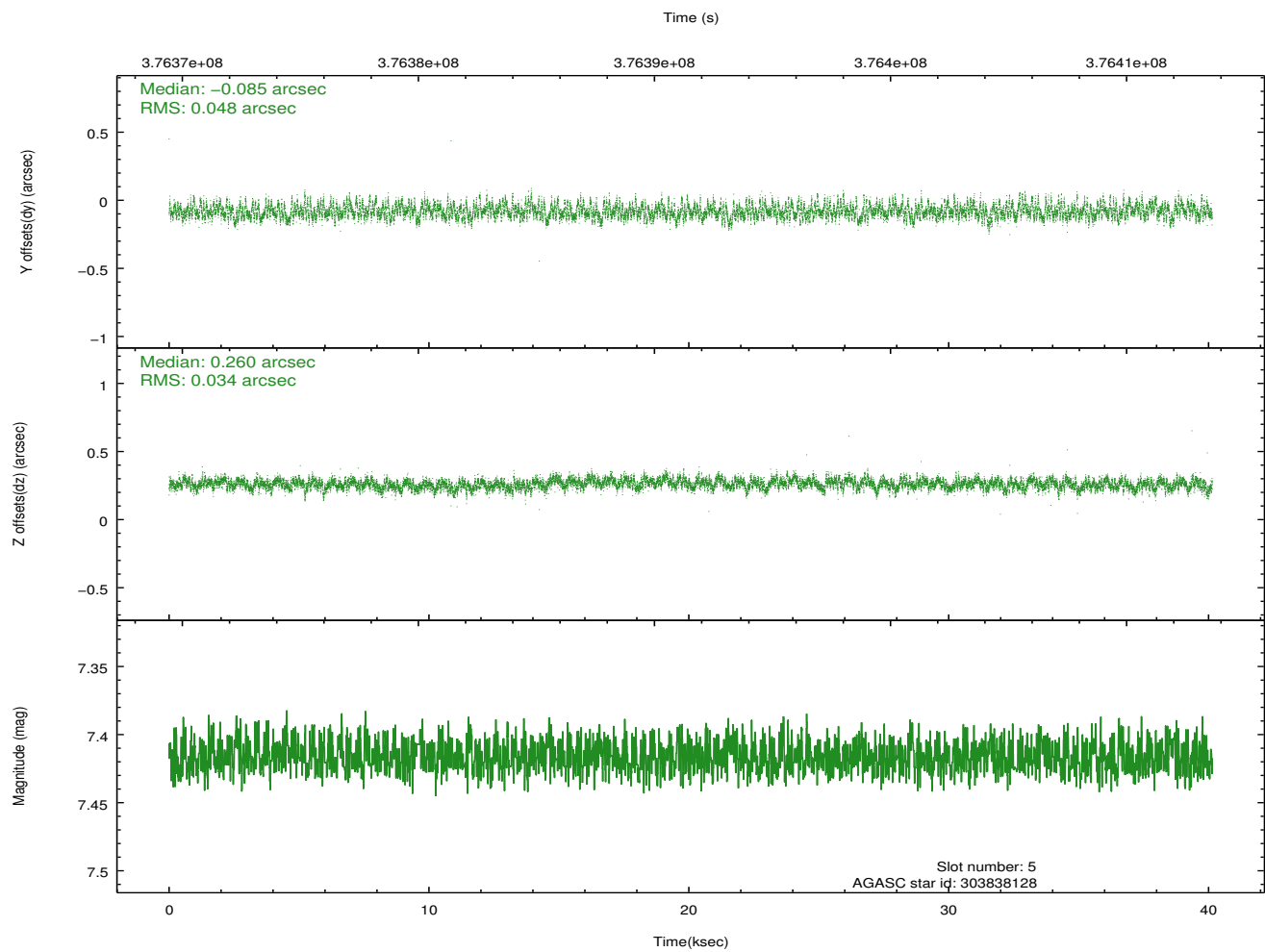
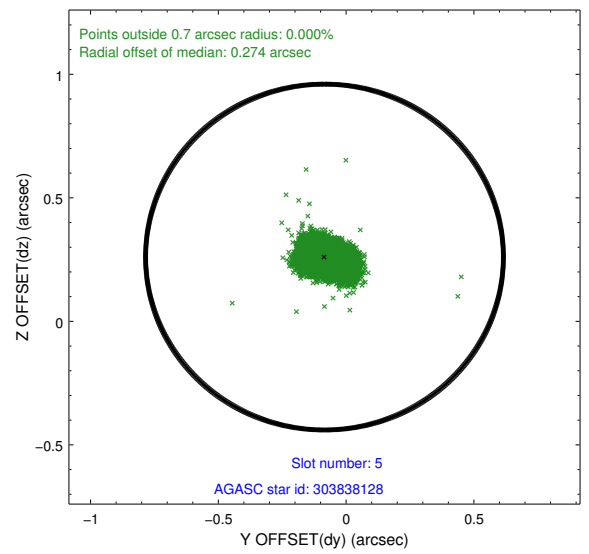
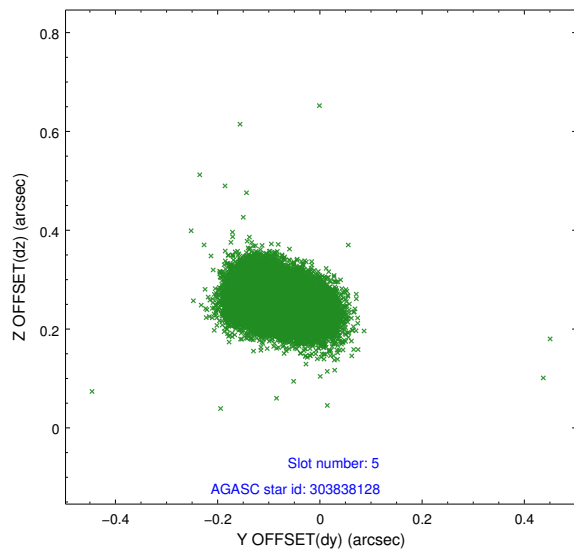
2.4.1 Slot 3



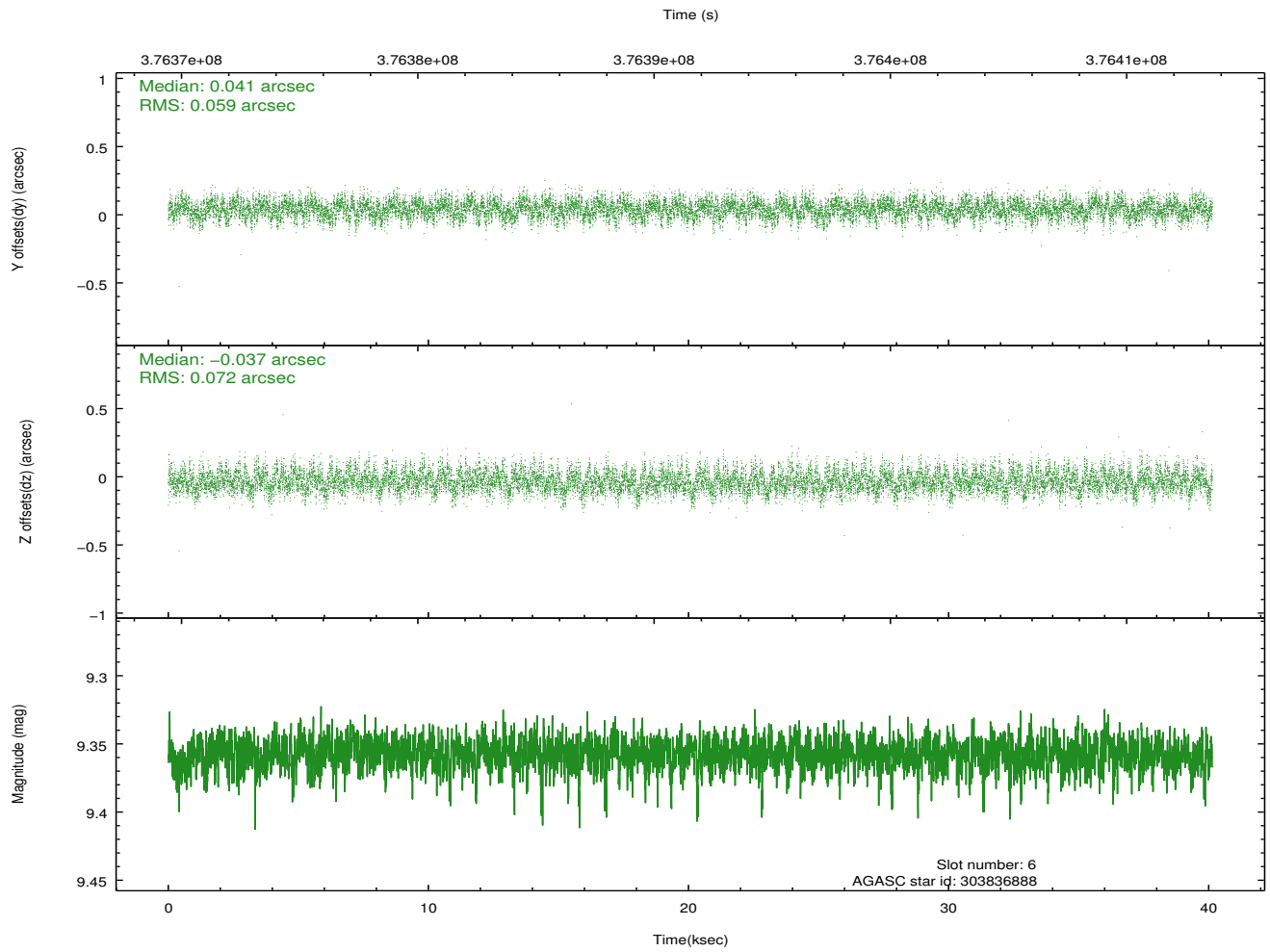
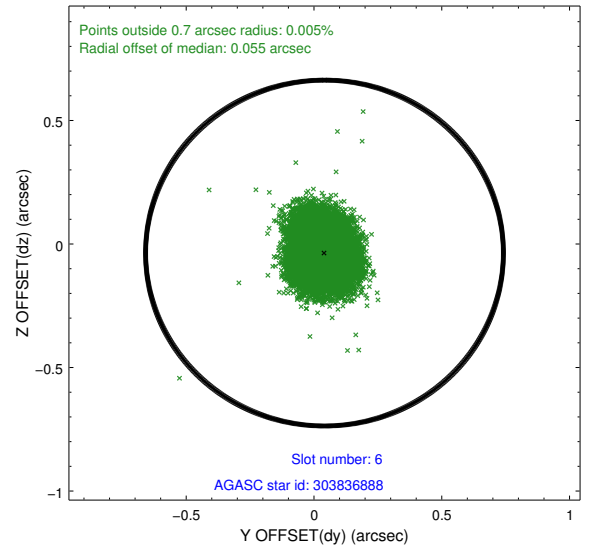
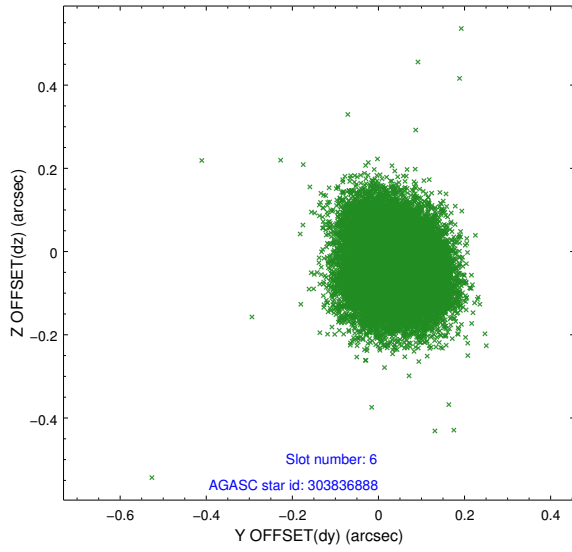
2.4.2 Slot 4



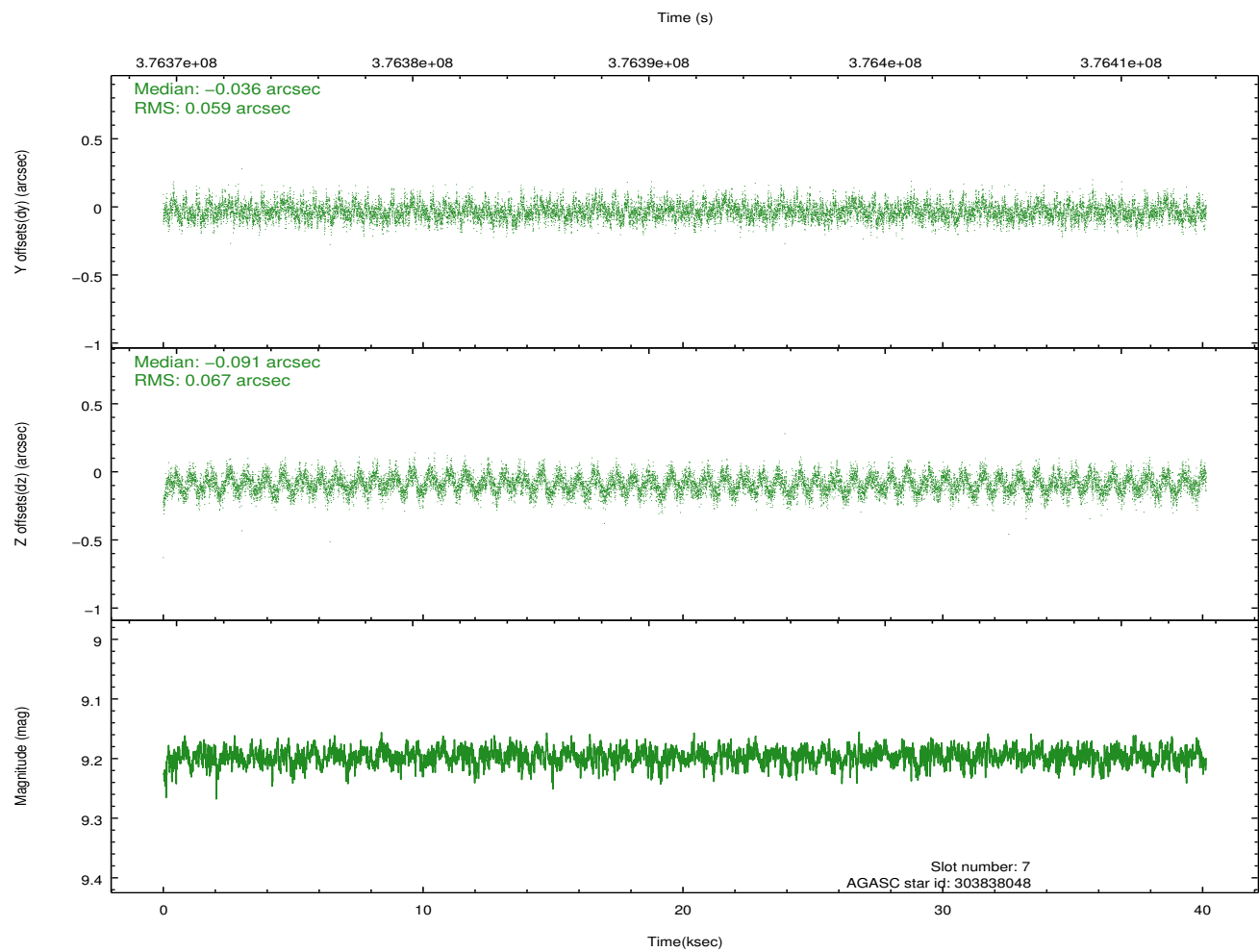
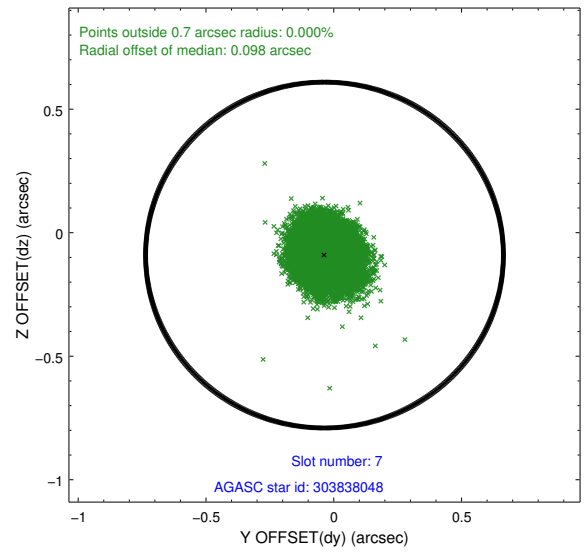
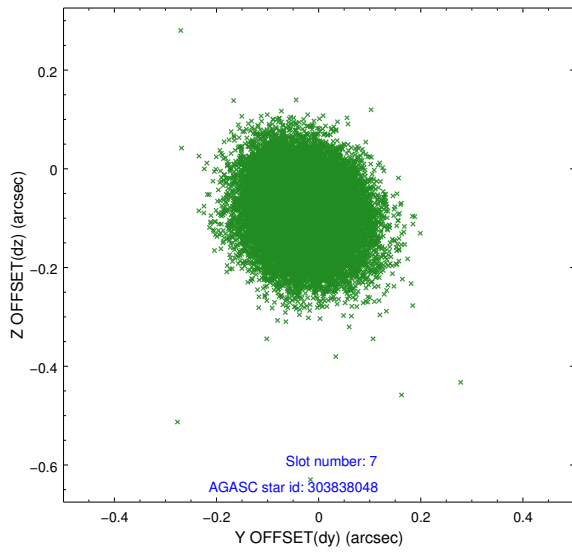
2.4.3 Slot 5



2.4.4 Slot 6

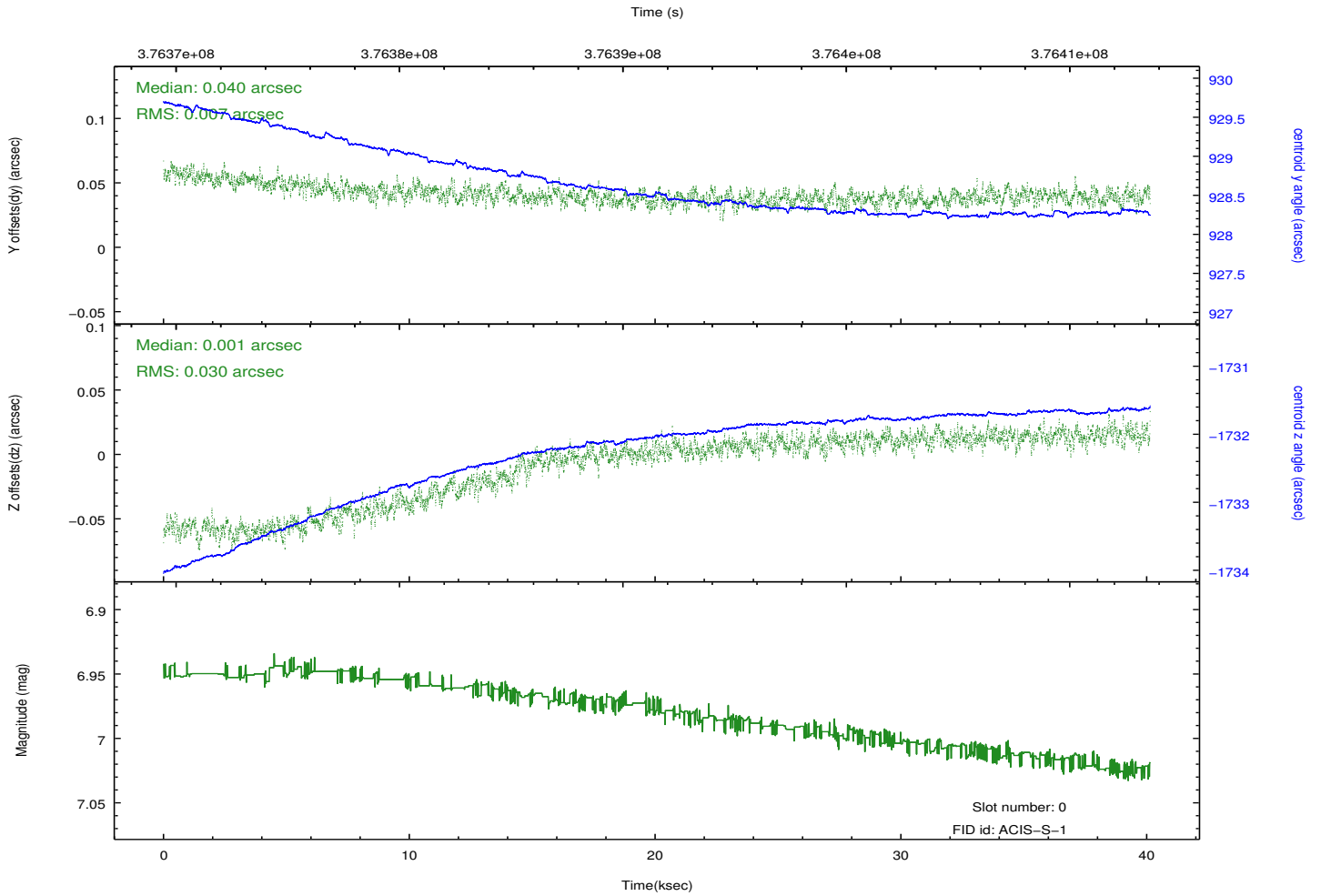
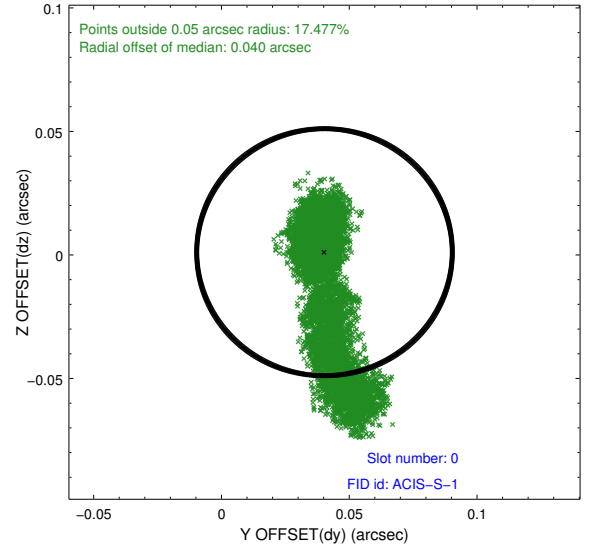
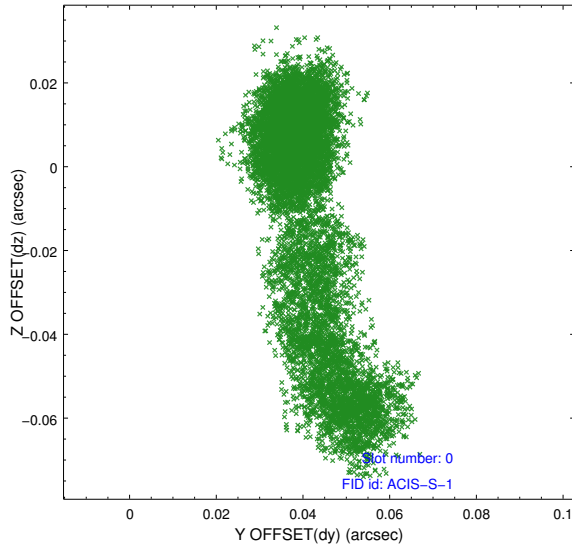


2.4.5 Slot 7

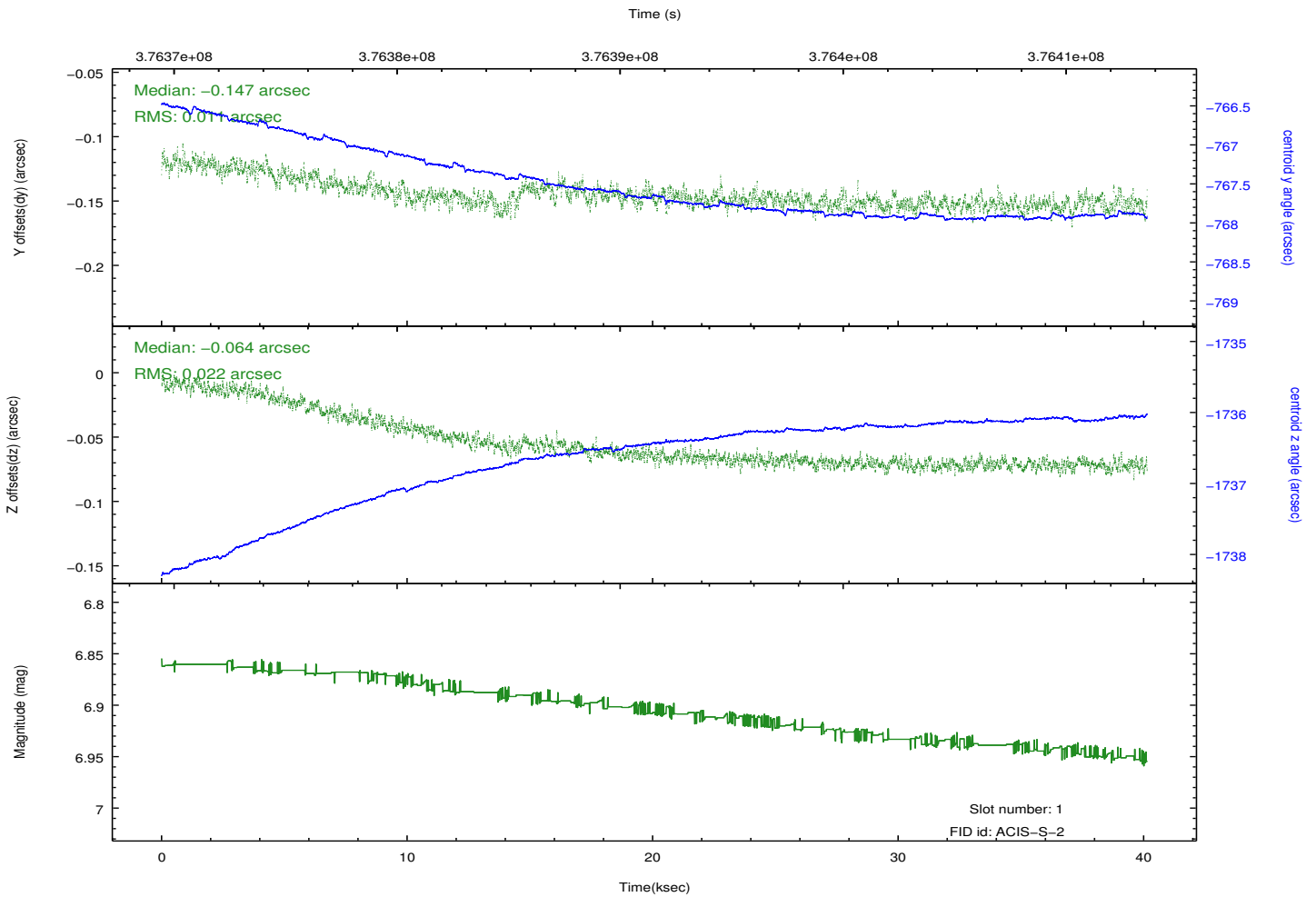
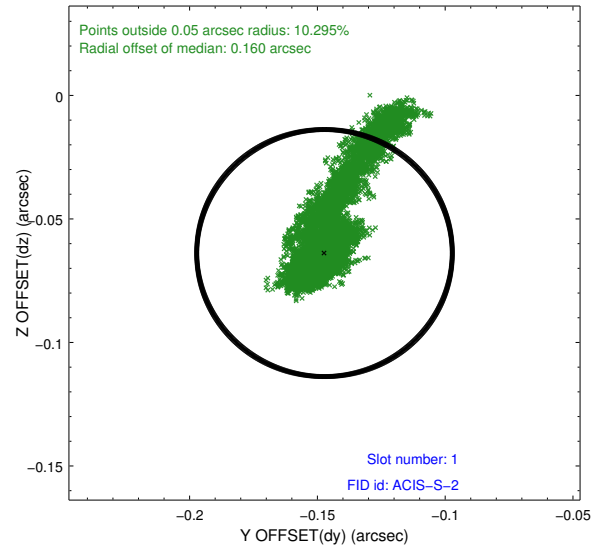
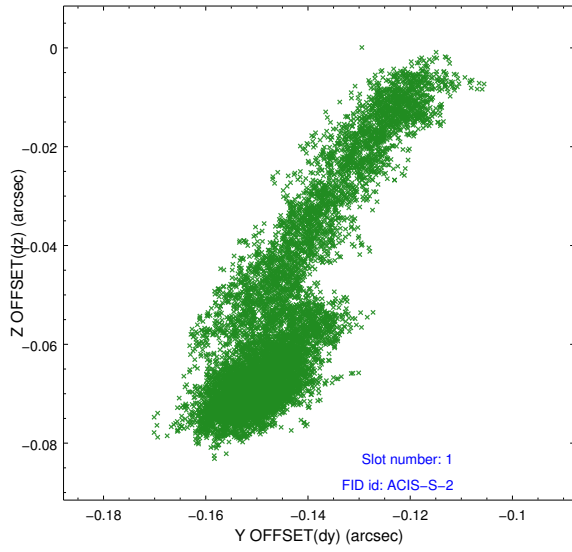


2.5 FID Slots

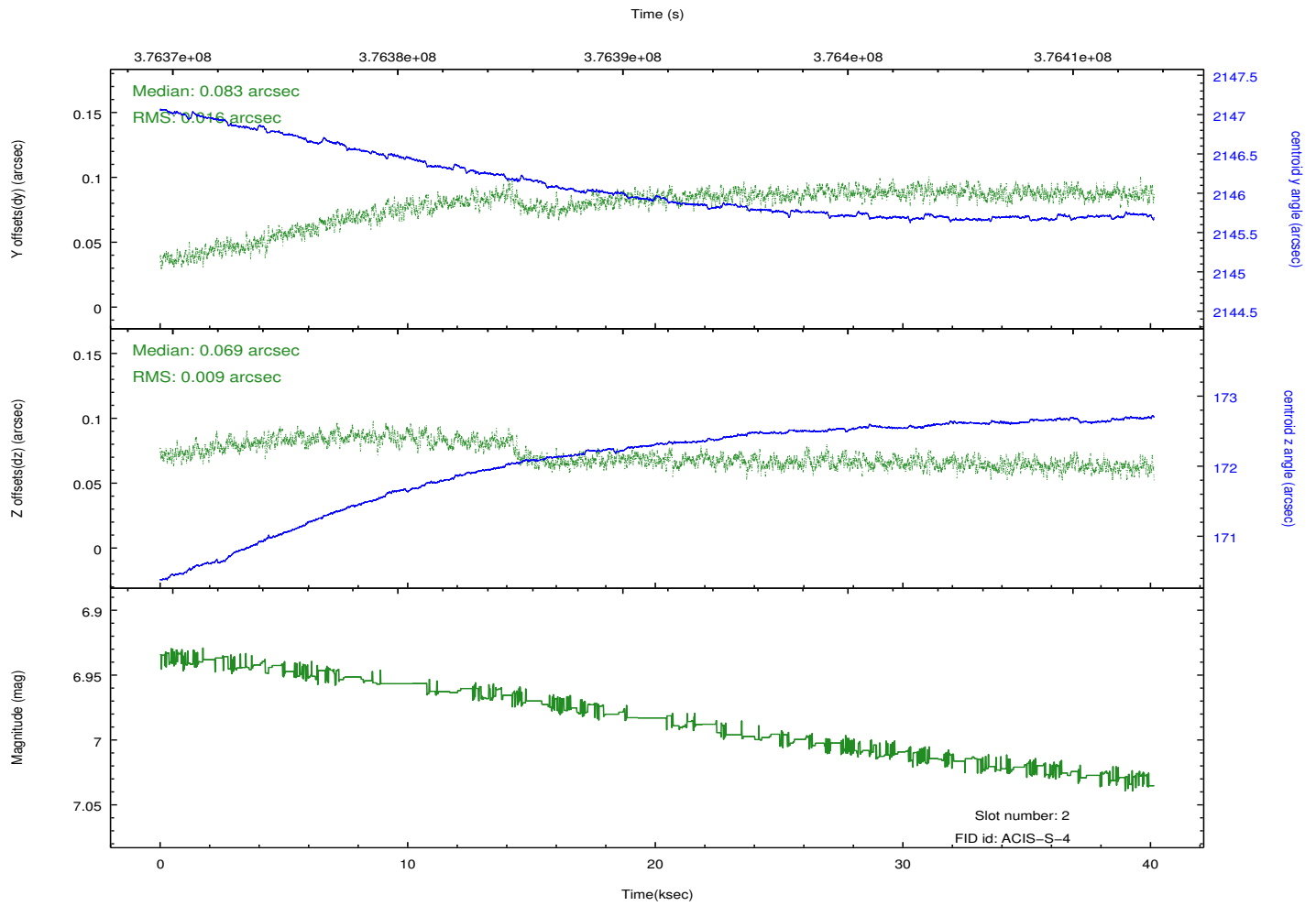
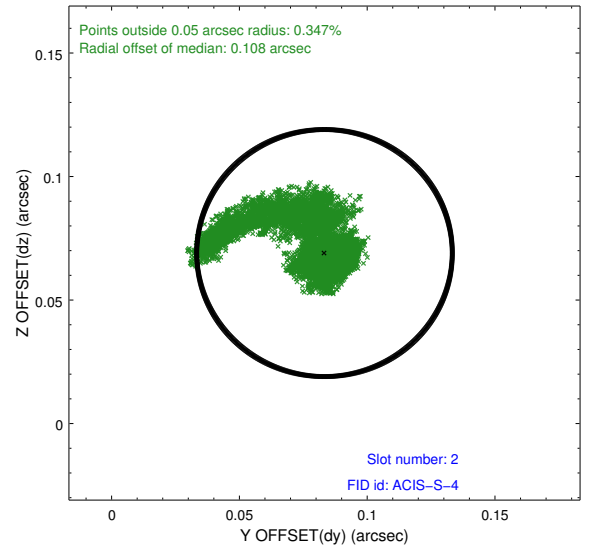
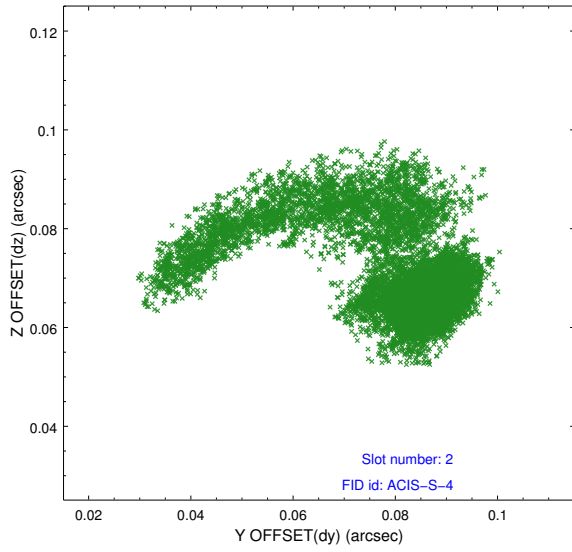
2.5.1 Slot 0



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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.753599851966

A.2 Comments

Source found at ra=02 19 36.6, +34 23 30.4.