

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3313 - L2 Version 3
Chandra X-Ray Center

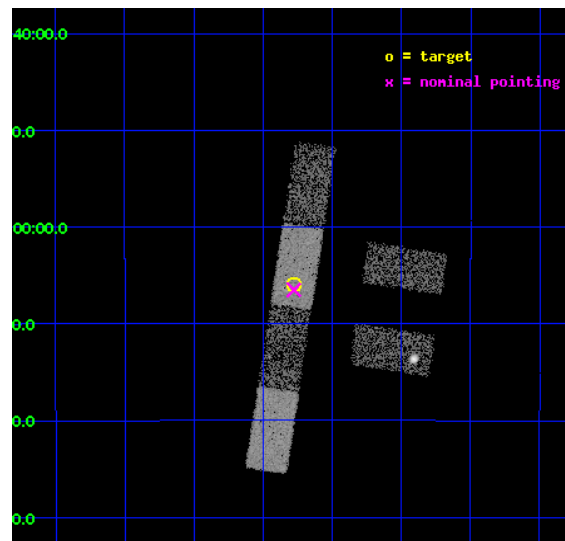
L2 Processing Date : Oct 2 2012

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1 Front

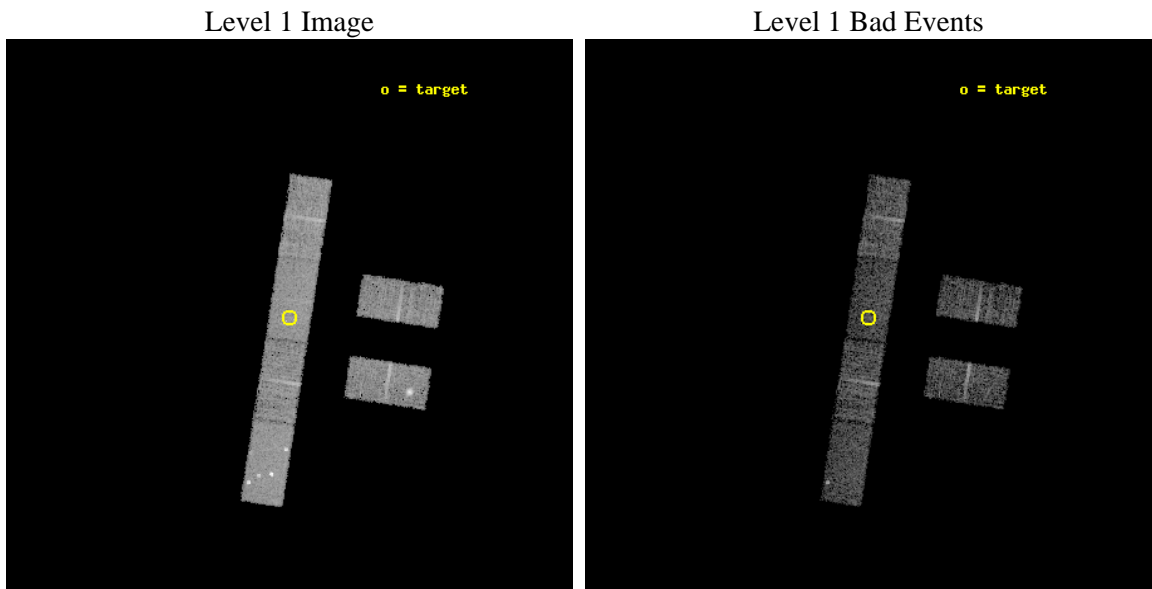
seq_num	900152	Sequence number
obs_id	3313	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J0335.2-1505	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	53.819583	Observer's specified target RA [deg]
dec_targ	-15.098611	Observer's specified target Dec [deg]
ra_nom	53.819319841337	Nominal RA [deg]
dec_nom	-15.108305940247	Nominal Dec [deg]
roll_nom	278.76128249756	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5065.1999916285	Sum of GTIs [s]
livetime	4952.2878291245	Livetime [s]
ontime2	5065.1999916285	Sum of GTIs [s]
ontime3	5065.1999916285	Sum of GTIs [s]
ontime5	5065.1999916285	Sum of GTIs [s]
ontime6	5065.1999916285	Sum of GTIs [s]
ontime7	5065.1999916285	Sum of GTIs [s]
ontime8	5065.1999916285	Sum of GTIs [s]
l2events	29495	Number of level 2 events



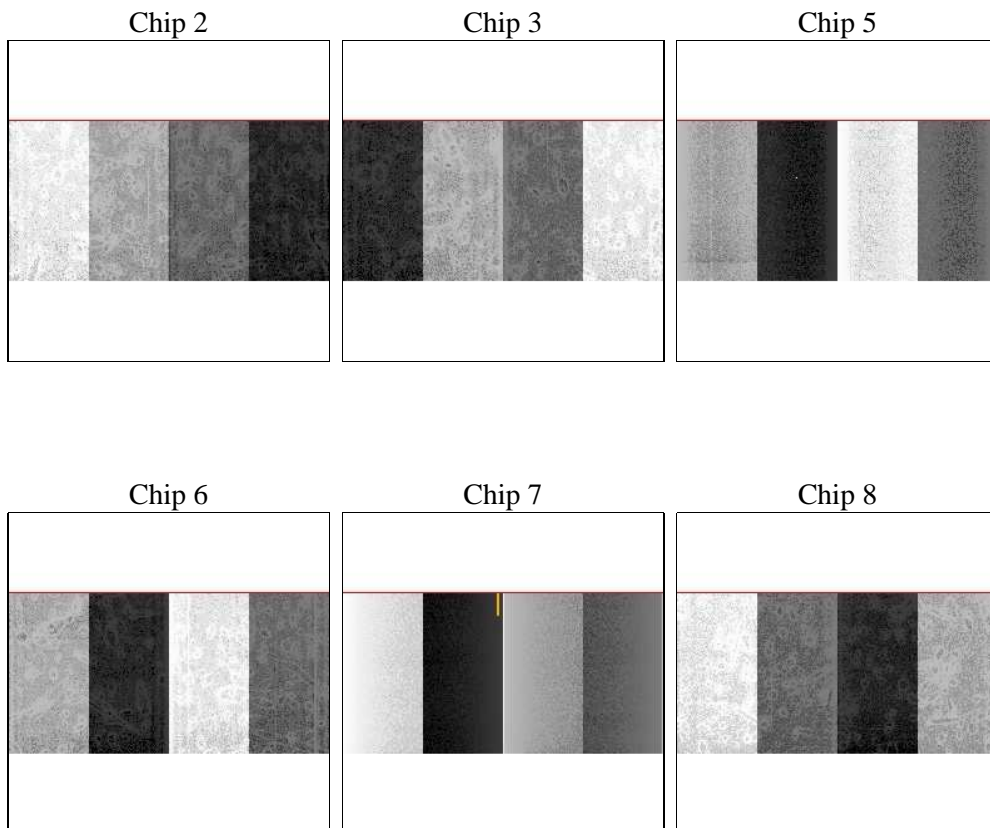
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5065.1999916285	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	5065.1999916285	Sum of GTIs [s]
date	2012-10-02T07:46:11	Date and time of file creation	ontime3	5065.1999916285	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5065.1999916285	Sum of GTIs [s]
			ontime6	5065.1999916285	Sum of GTIs [s]
			ontime7	5065.1999916285	Sum of GTIs [s]
			ontime8	5065.1999916285	Sum of GTIs [s]
			l1events	167572	Number of level 1 events

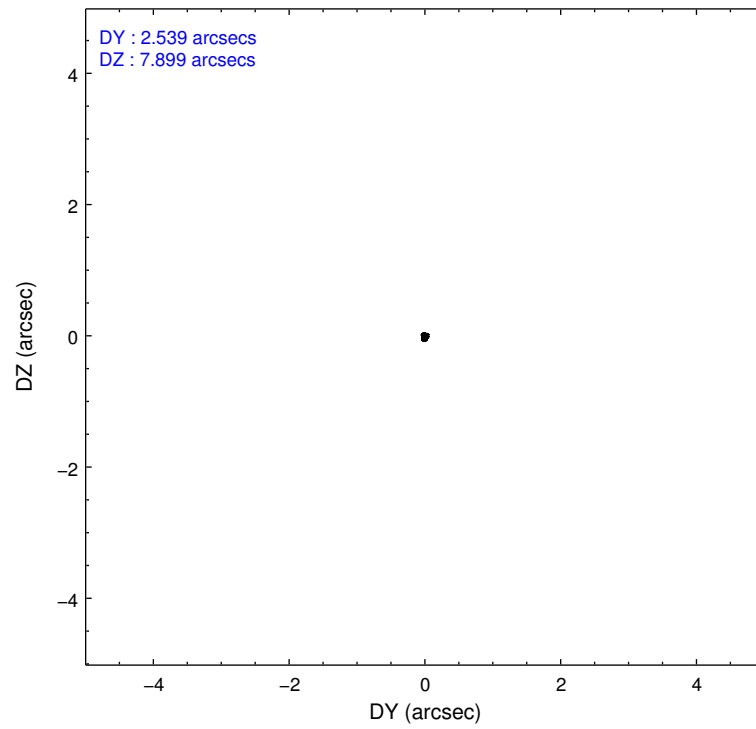
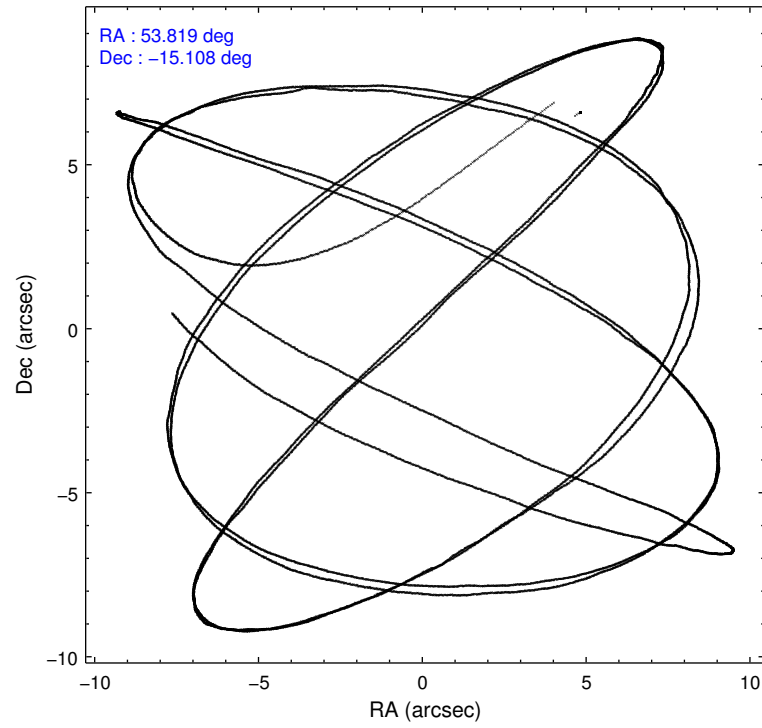
2.1.4 Events

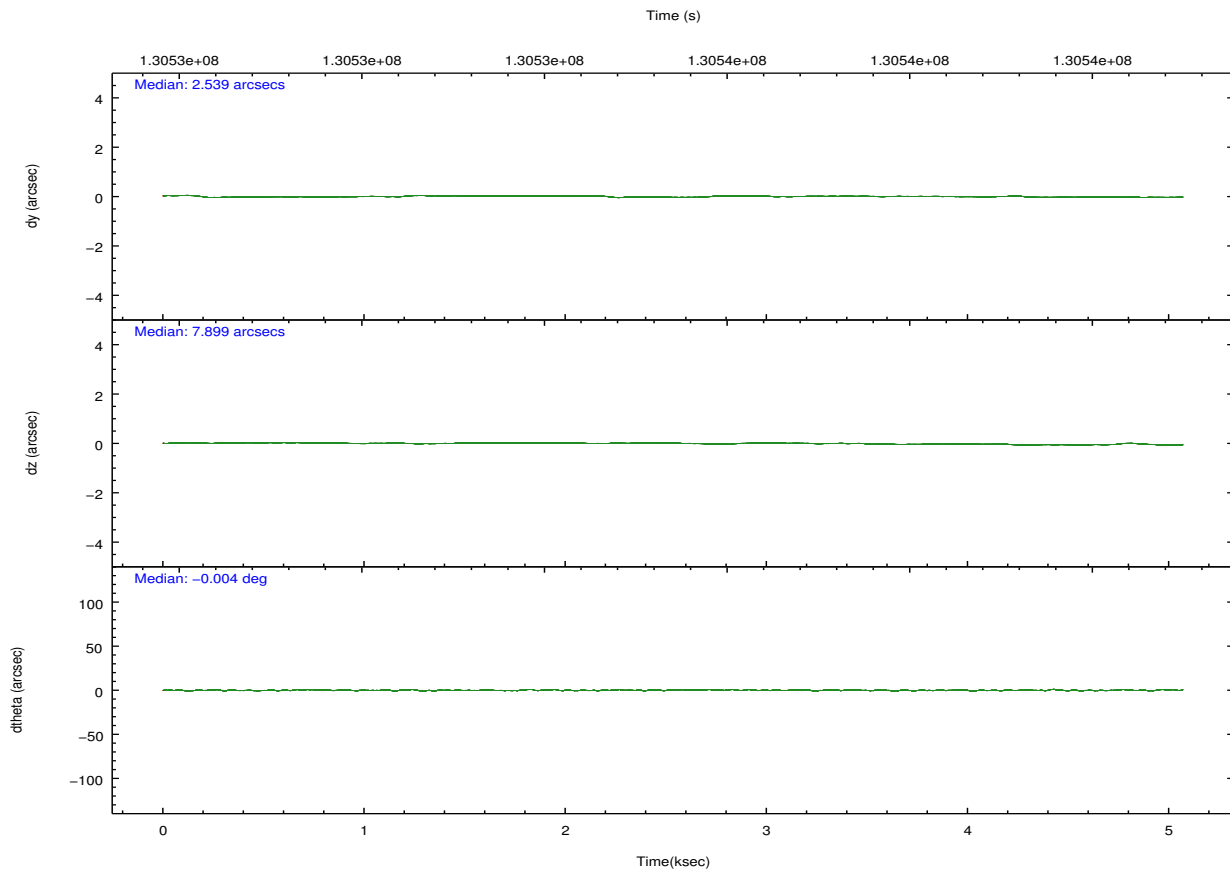
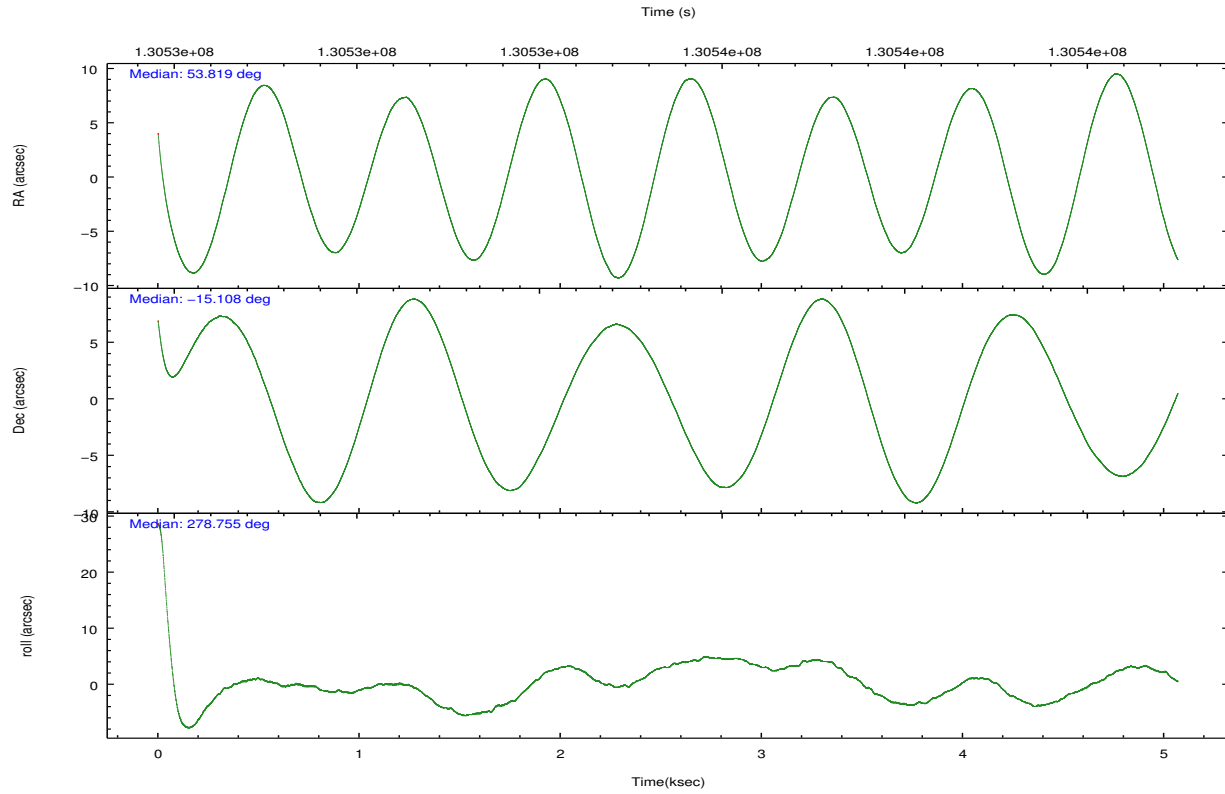
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	25577	22287	36949	23470	28584	30705	grade 0 events	2941	1073	5894	1026	1311	1901
rejected events	21262	20234	21413	21351	18683	25862		11%	4%	15%	4%	4%	6%
rejected %	83%	90%	57%	90%	65%	84%	grade 1 events	13	12	46	9	32	10
								0%	0%	0%	0%	0%	0%
							grade 2 events	785	468	5038	533	2437	1352
								3%	2%	13%	2%	8%	4%
							grade 3 events	358	267	785	312	1250	700
								1%	1%	2%	1%	4%	2%
							grade 4 events	325	310	700	301	1248	689
								1%	1%	1%	1%	4%	2%
							grade 5 events	817	892	2701	914	2790	1190
								3%	4%	7%	3%	9%	3%
							grade 6 events	537	452	7409	475	6154	1670
								2%	2%	20%	2%	21%	5%
							grade 7 events	19801	18813	14376	19900	13362	23193
								77%	84%	38%	84%	46%	75%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	53.801391	53.81931984133701	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-15.087273	-15.10830594024744	Subarray start row	257	257
[deg] Pointing Roll	278.599915	278.7612824975565	Subarray row count	512	512
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	1.8
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	130532339.184000	130530819.59756			
Observation start date	2002-02-19T18:57:55	2002-02-19T18:33:39			
[s] Observation end time (MET)	130537239.184000	130537782.42284			
Observation end date	2002-02-19T20:19:35	2002-02-19T20:29:42			
Read mode	TIMED	TIMED			

2.3 Aspect



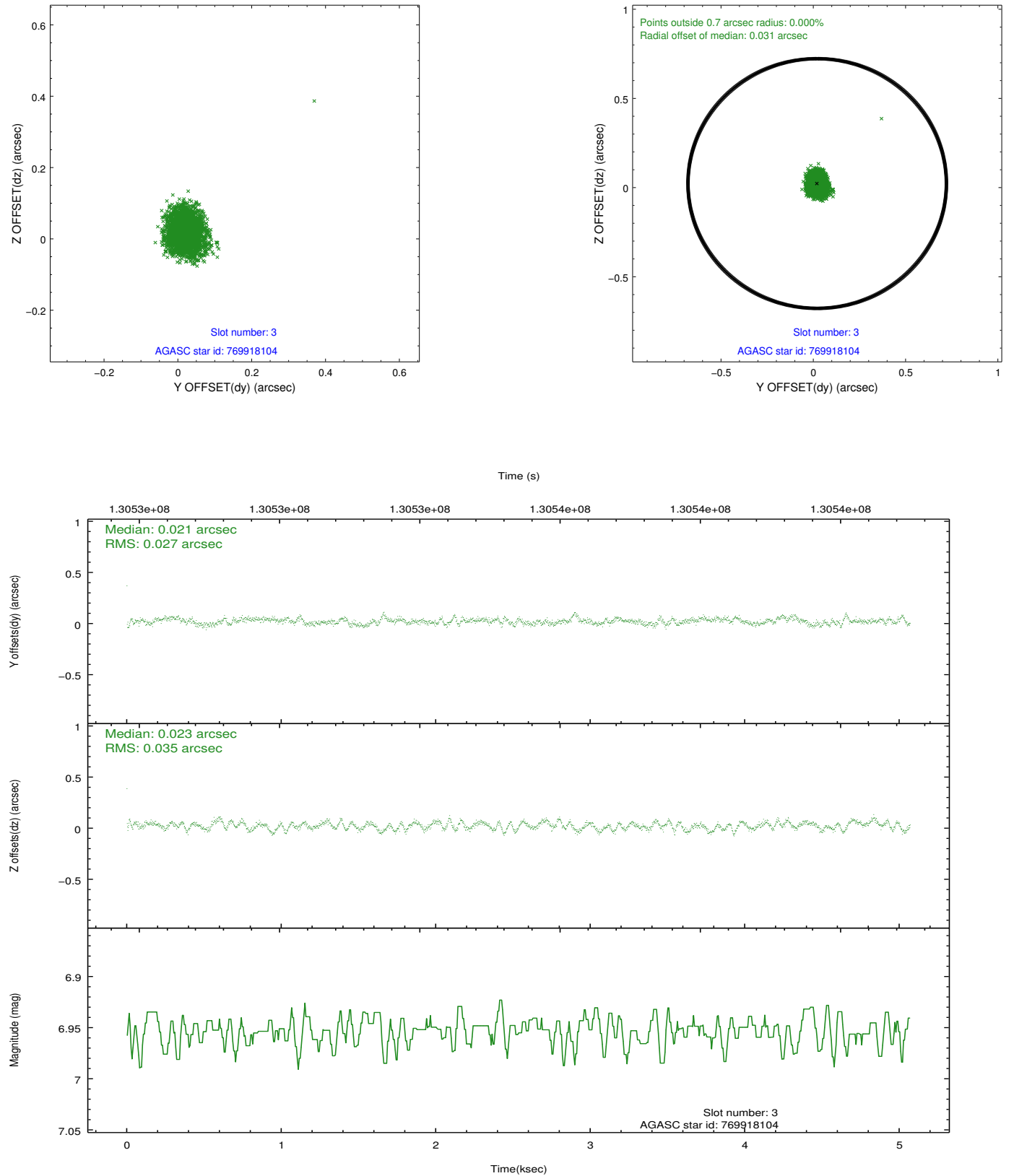


Slot Statistics

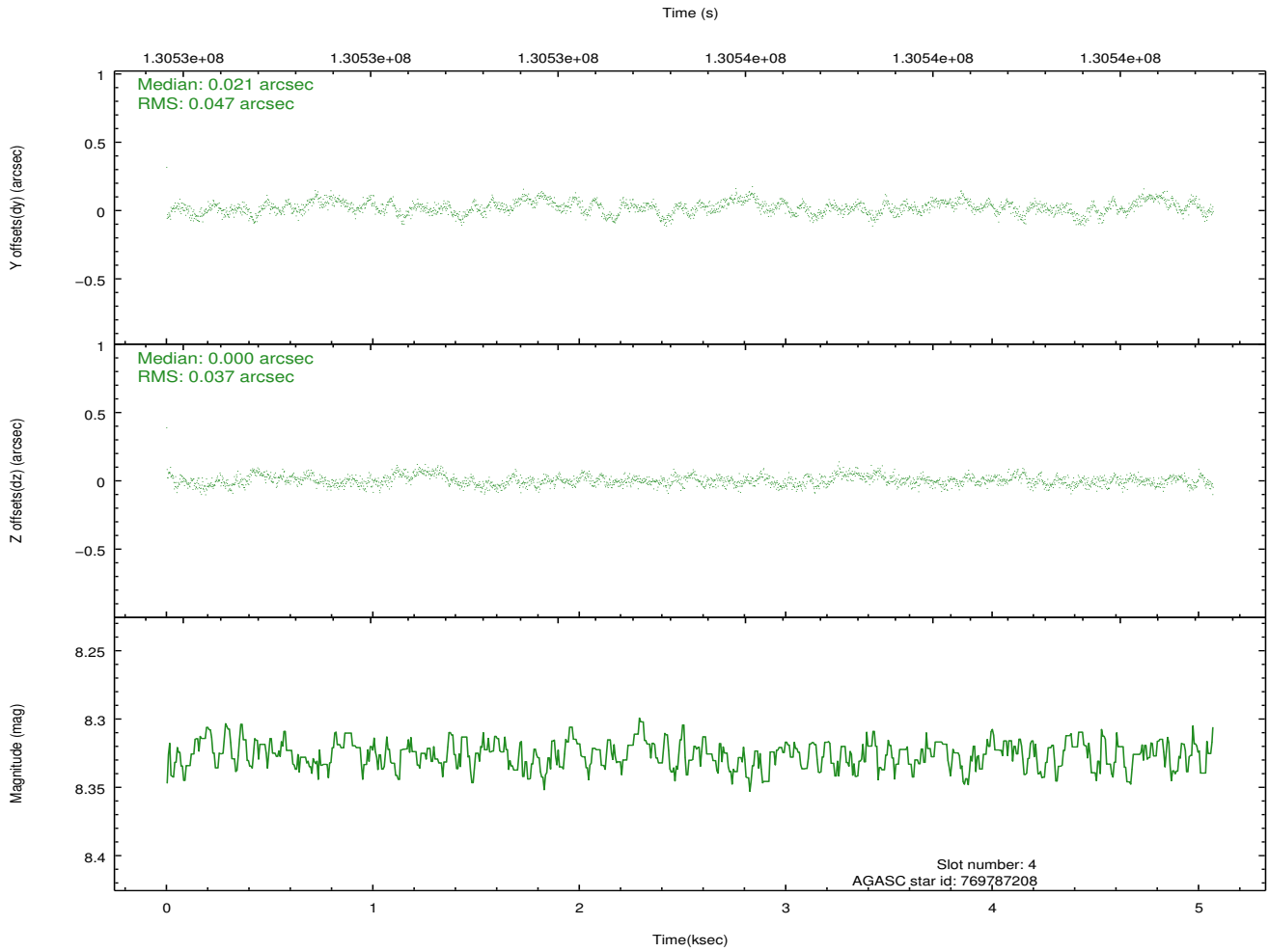
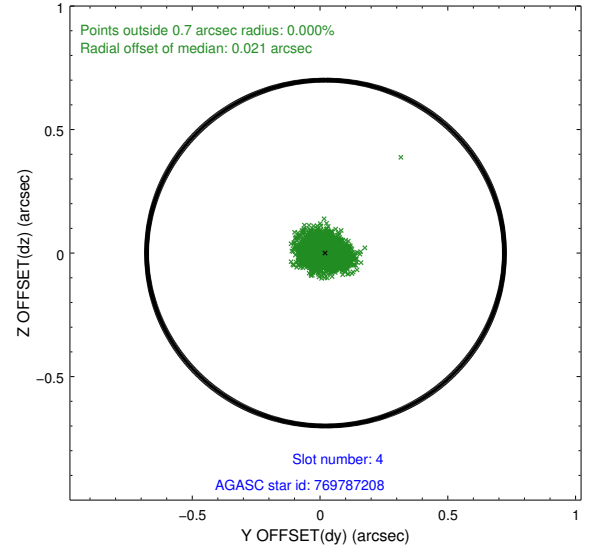
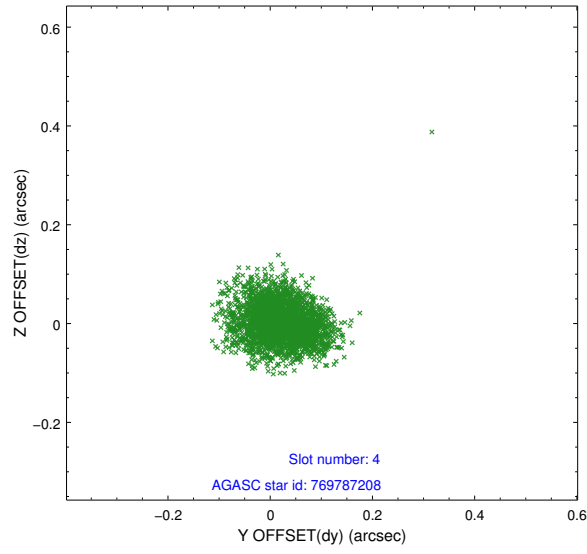
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1237	-0.002	0.008	0.006	0.010	0.000000	0.000000	-755.18	-1729.01
1	FID	ACIS-S-4	7.19	1237	-0.064	-0.001	0.005	0.009	0.000000	0.000000	2157.51	178.20
2	FID	ACIS-S-5	7.23	1237	0.035	0.001	0.006	0.010	0.000000	0.000000	-1806.43	173.27
3	GUIDE	769918104	6.95	2474	0.021	0.023	0.046	0.073	54.439345	-15.484930	1749.50	1973.50
4	GUIDE	769787208	8.33	2474	0.021	0.000	0.063	0.103	53.303878	-15.548215	1385.57	-1954.22
5	GUIDE	694947000	7.83	2474	-0.085	-0.016	0.055	0.086	53.583820	-14.710453	-1453.73	-547.86
6	GUIDE	695869464	9.62	2474	0.019	-0.022	0.089	0.143	53.839613	-14.822210	-924.10	273.19
7	GUIDE	695869632	9.60	2471	0.022	0.016	0.100	0.164	53.983344	-14.771263	-1030.36	795.74

2.4 Star Slots

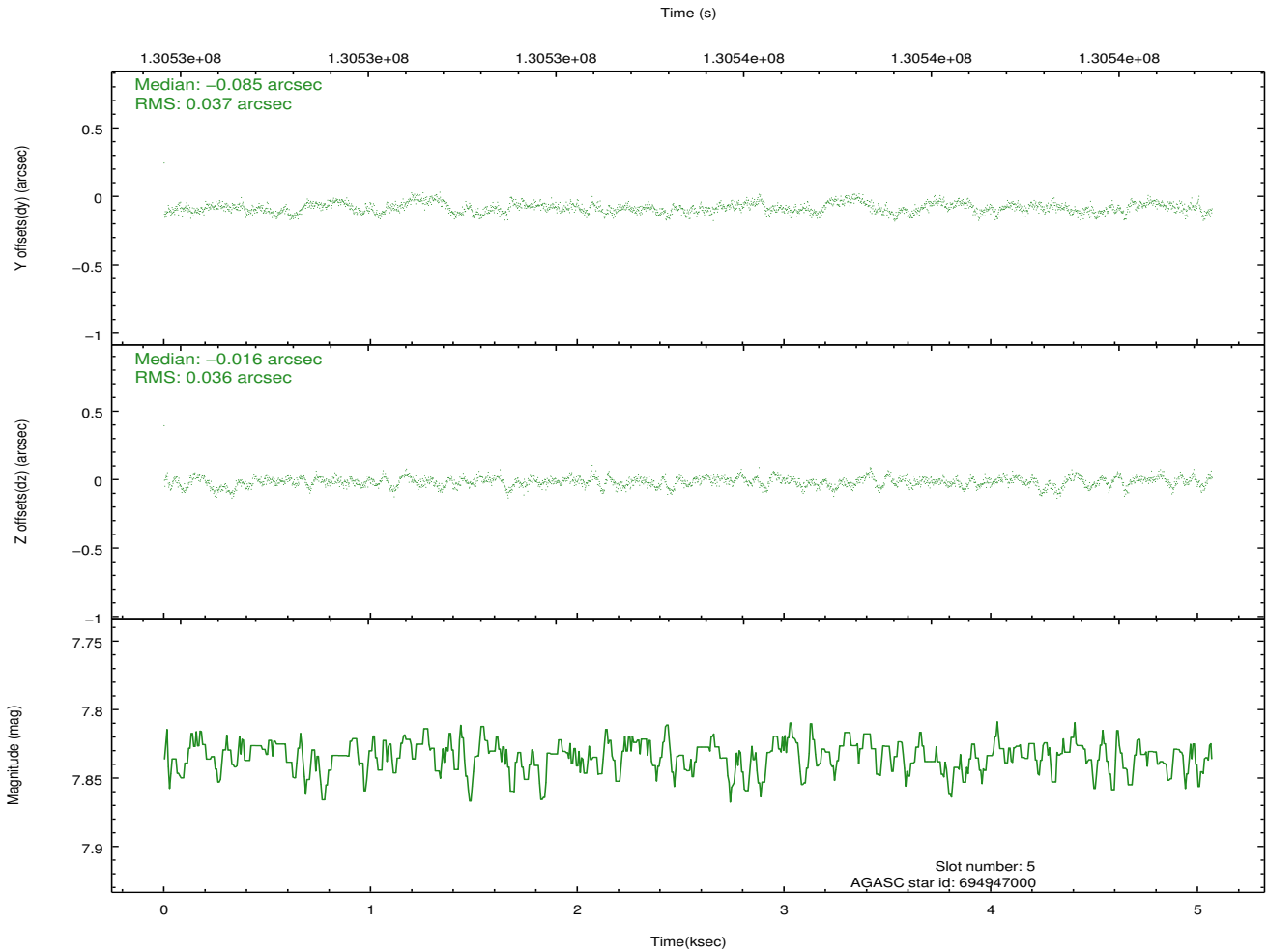
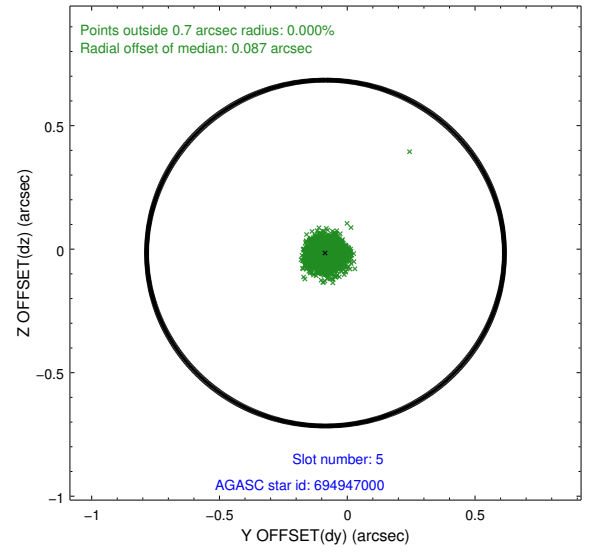
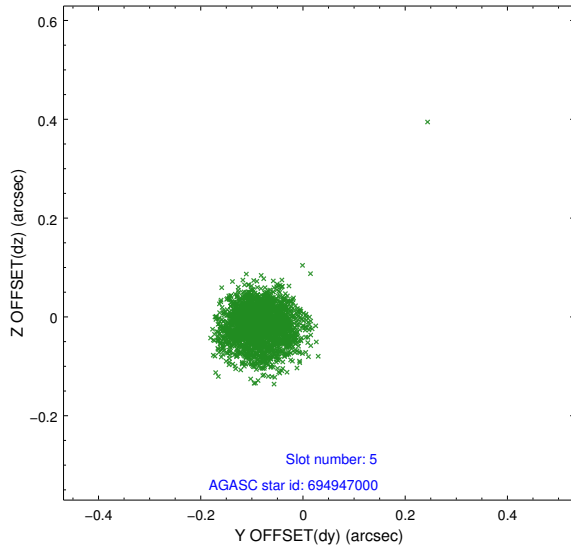
2.4.1 Slot 3



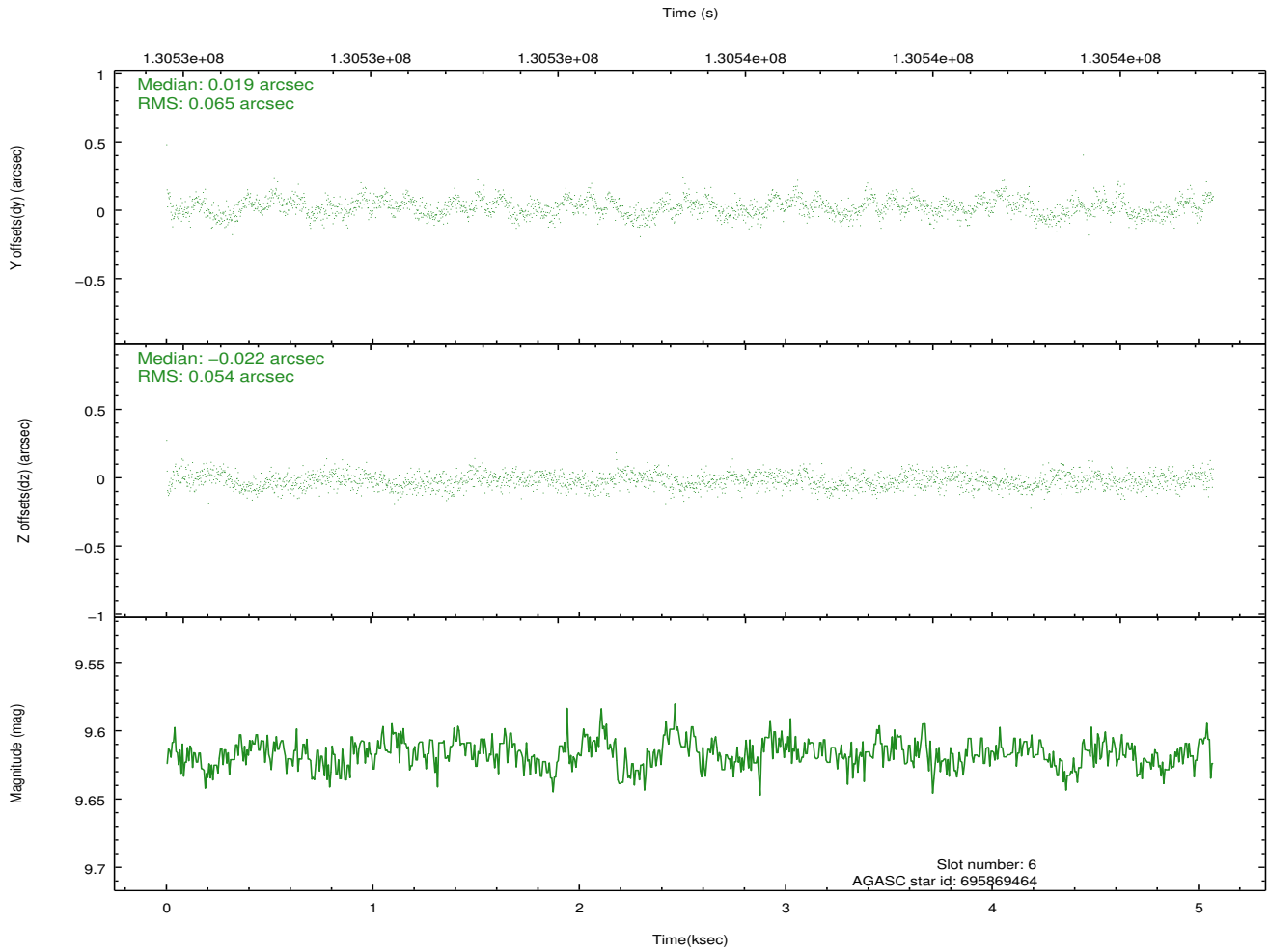
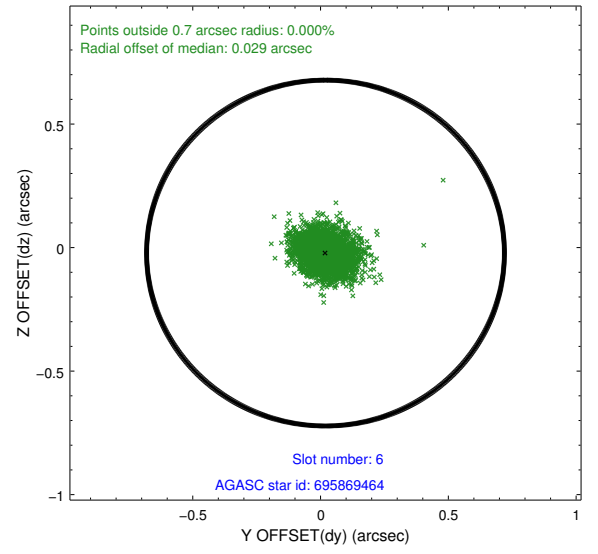
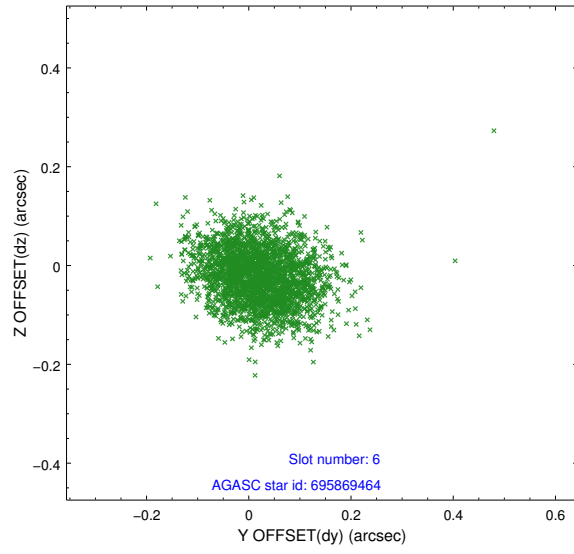
2.4.2 Slot 4



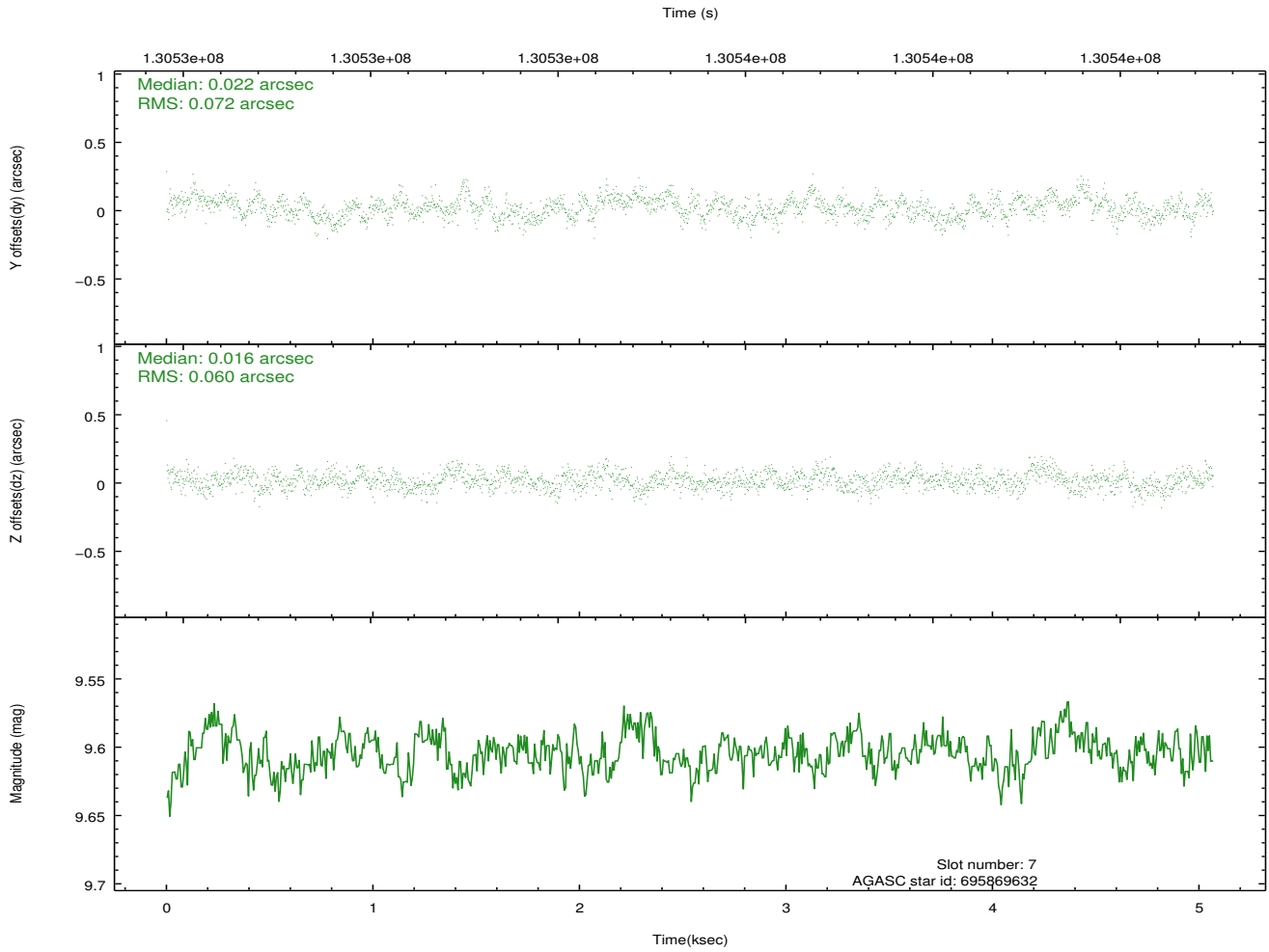
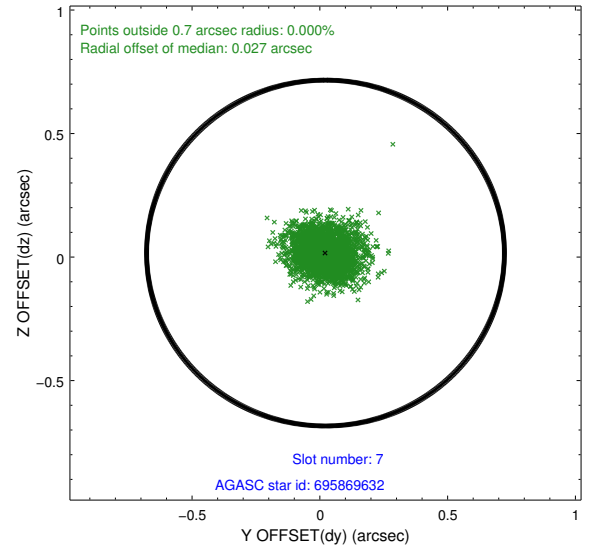
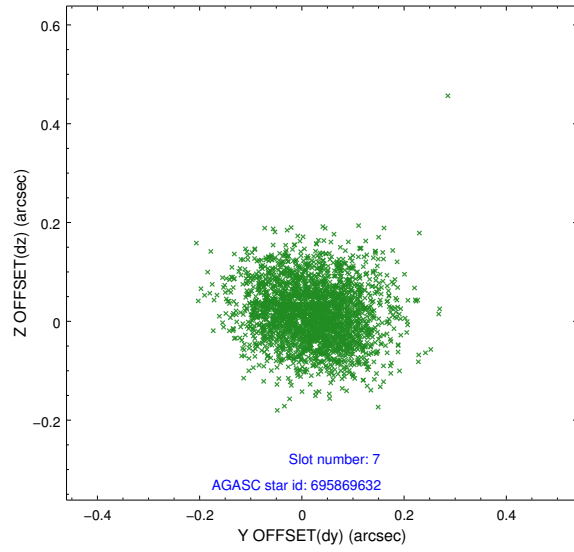
2.4.3 Slot 5



2.4.4 Slot 6

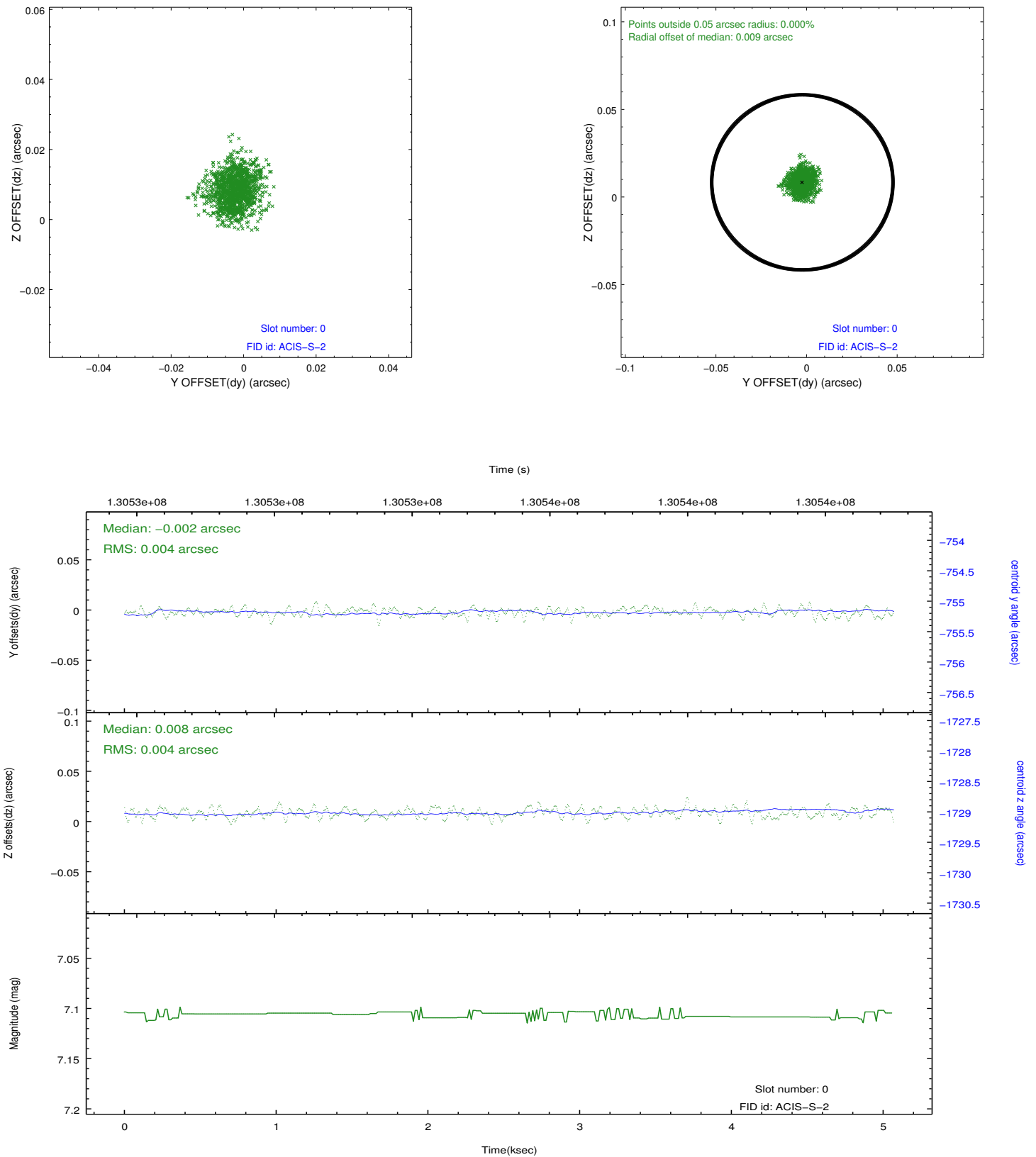


2.4.5 Slot 7

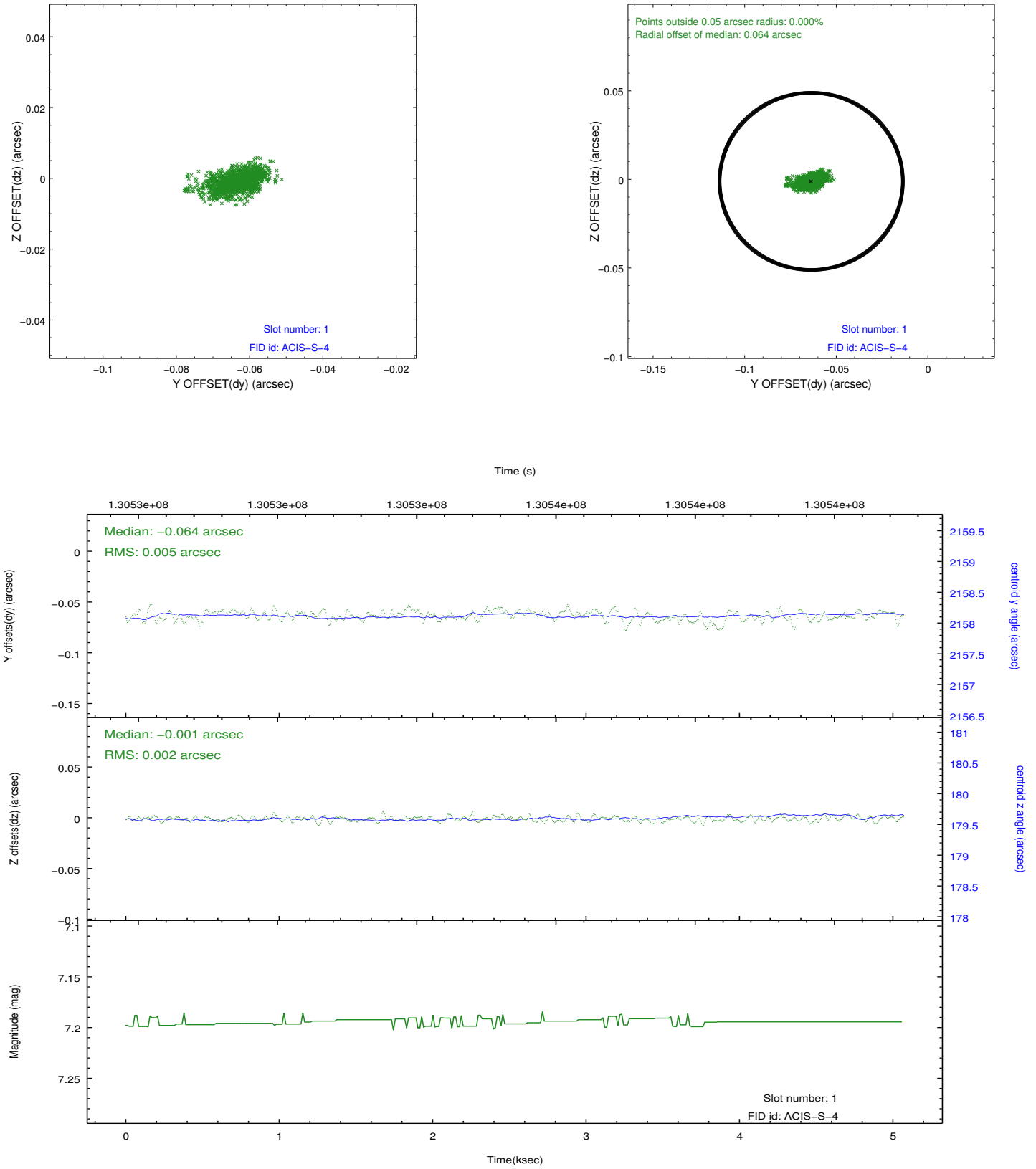


2.5 FID Slots

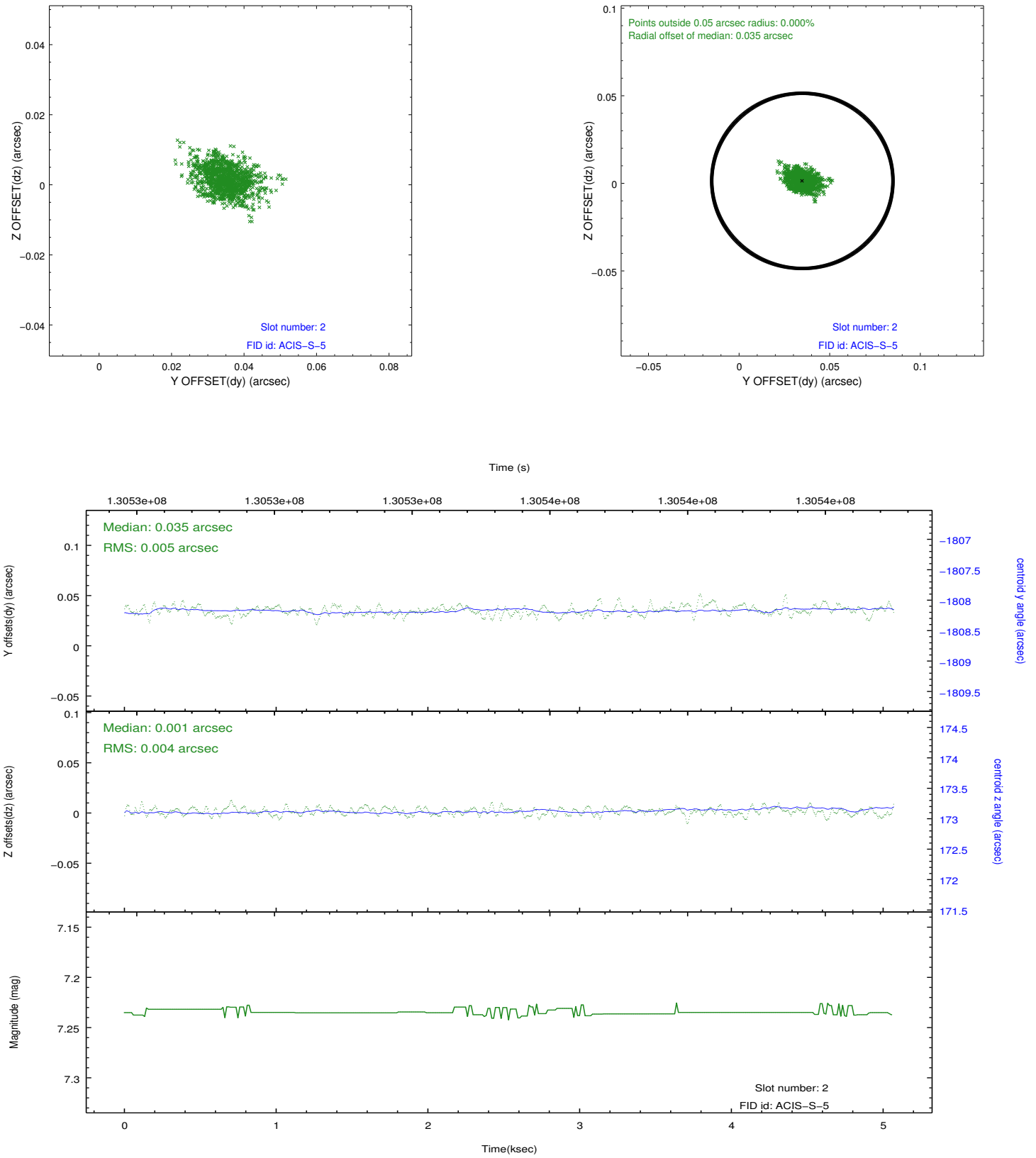
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.065

A.2 Comments

Joint Proposal: NOAO