

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3326 - L2 Version 3
Chandra X-Ray Center

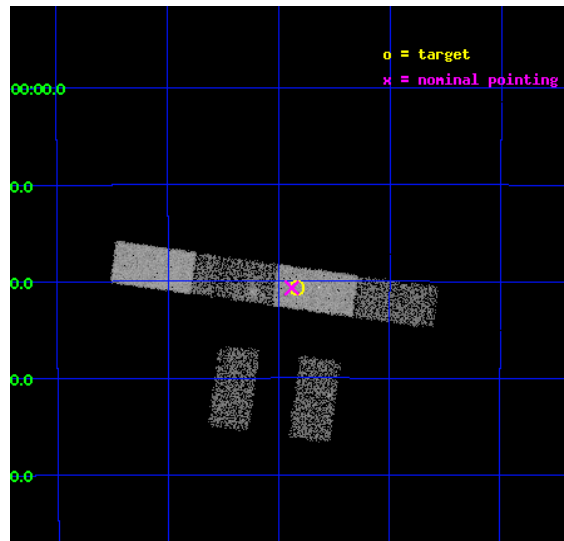
L2 Processing Date : Oct 4 2012

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1 Front

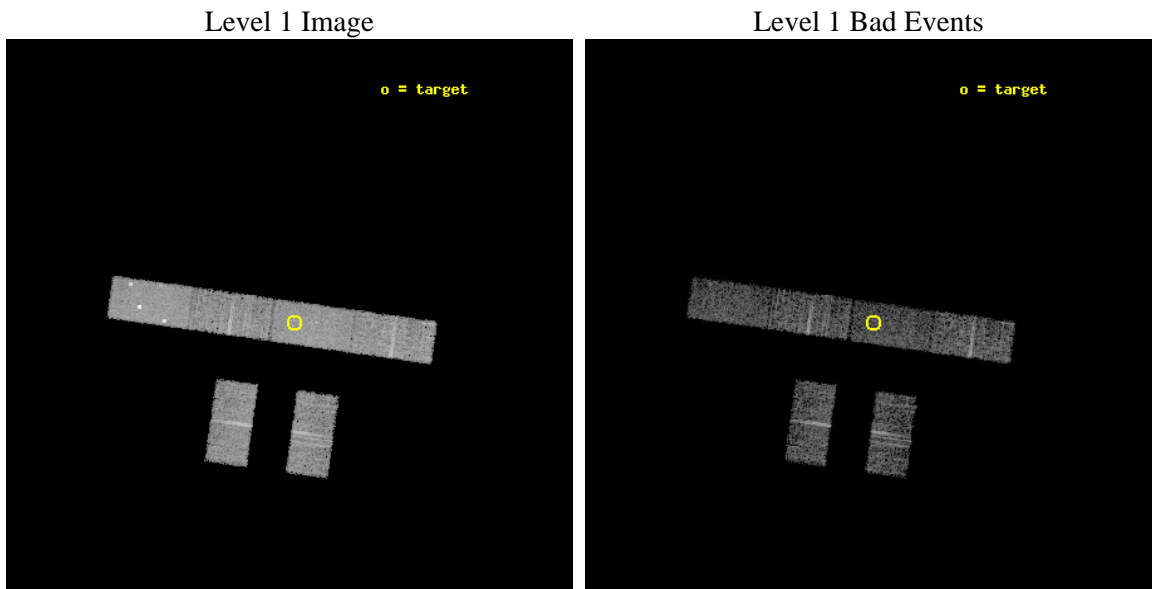
seq_num	900165	Sequence number
obs_id	3326	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J1325.8-3920	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.458333	Observer's specified target RA [deg]
dec_targ	-39.344444	Observer's specified target Dec [deg]
ra_nom	201.47070612993	Nominal RA [deg]
dec_nom	-39.344859685202	Nominal Dec [deg]
roll_nom	8.0032297344712	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5401.6799462736	Sum of GTIs [s]
livetime	5281.2670573657	Livetime [s]
ontime2	5401.7209862769	Sum of GTIs [s]
ontime3	5401.5568262637	Sum of GTIs [s]
ontime5	5401.6389062703	Sum of GTIs [s]
ontime6	5401.597866267	Sum of GTIs [s]
ontime7	5401.6799462736	Sum of GTIs [s]
ontime8	5401.5157862902	Sum of GTIs [s]
l2events	30257	Number of level 2 events



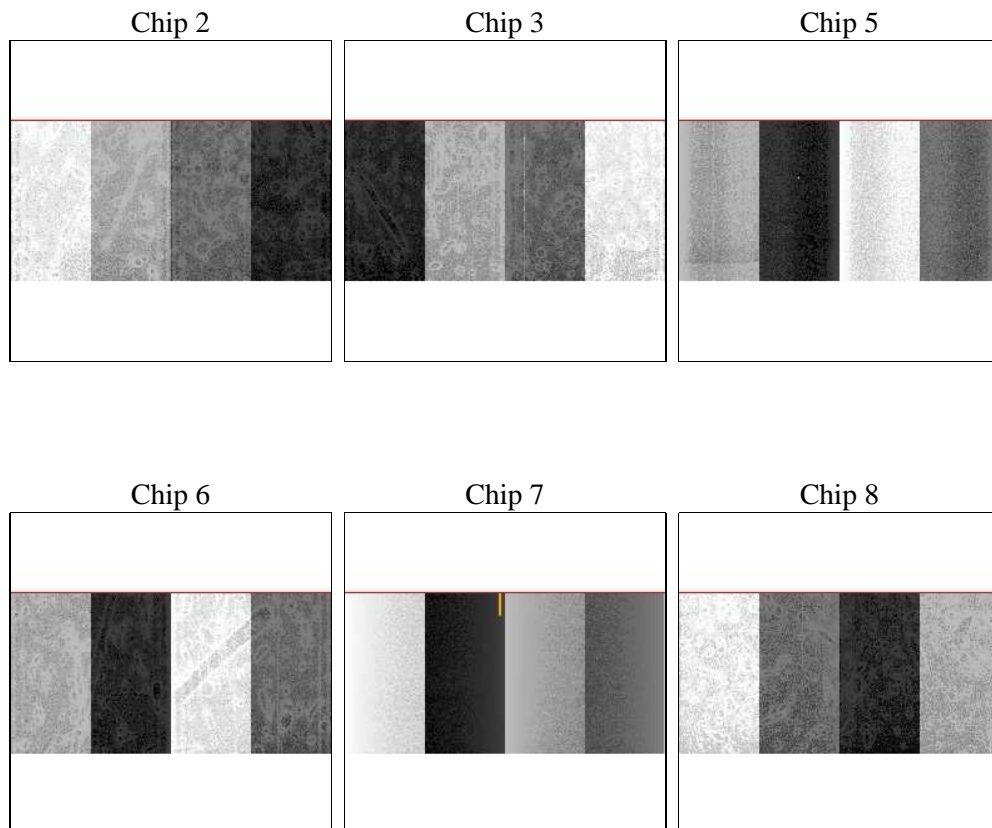
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5401.6799462736	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	5401.7209862769	Sum of GTIs [s]
date	2012-10-04T18:55:55	Date and time of file creation	ontime3	5401.5568262637	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5401.6389062703	Sum of GTIs [s]
			ontime6	5401.597866267	Sum of GTIs [s]
			ontime7	5401.6799462736	Sum of GTIs [s]
			ontime8	5401.5157862902	Sum of GTIs [s]
			l1events	140526	Number of level 1 events

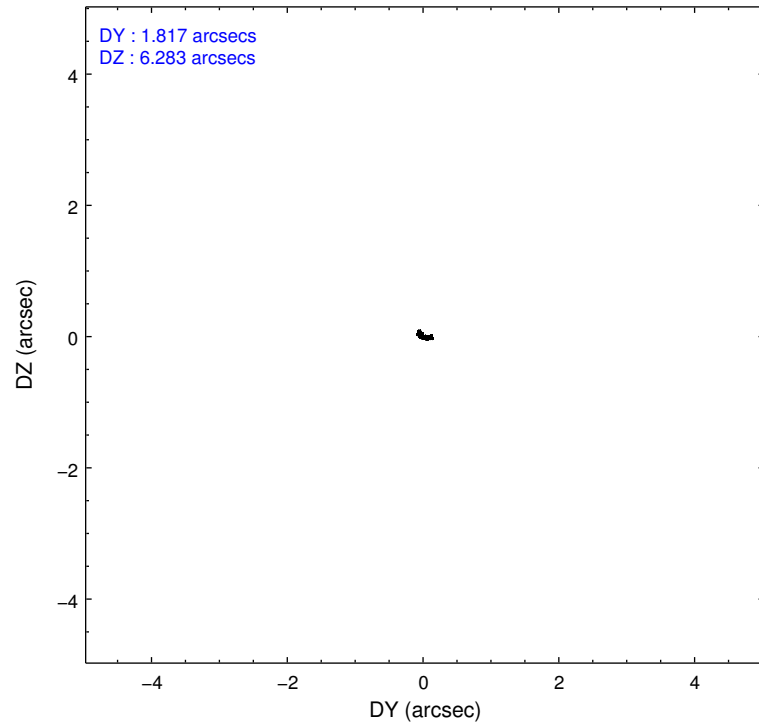
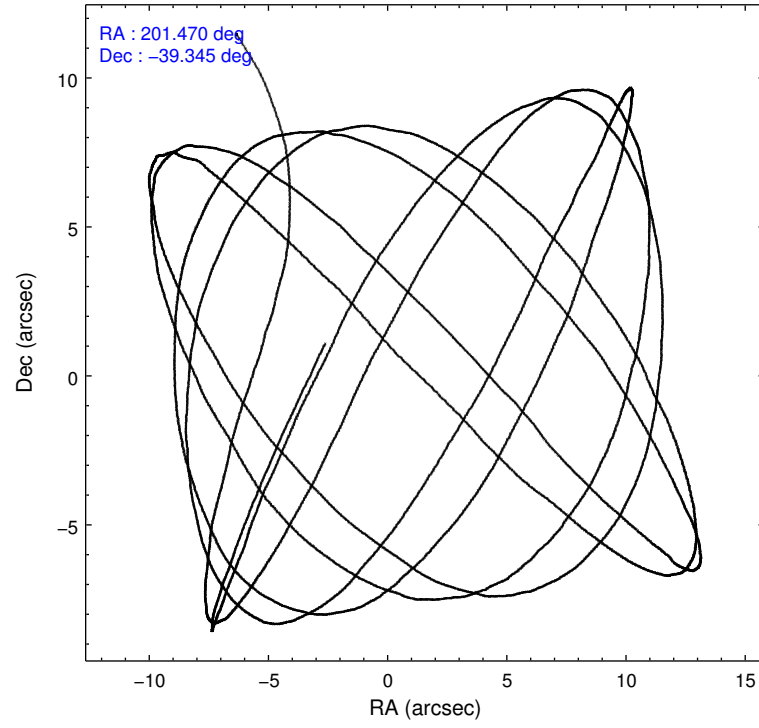
2.1.4 Events

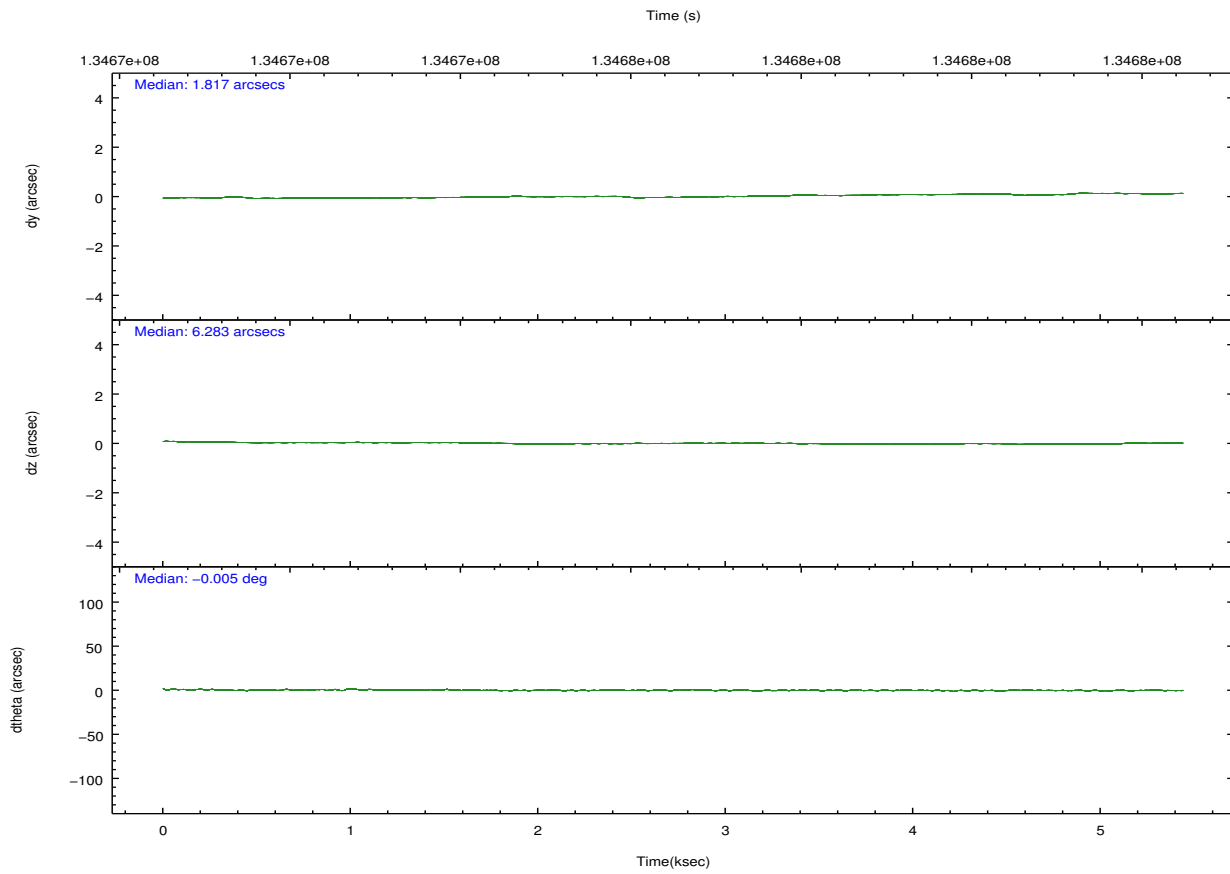
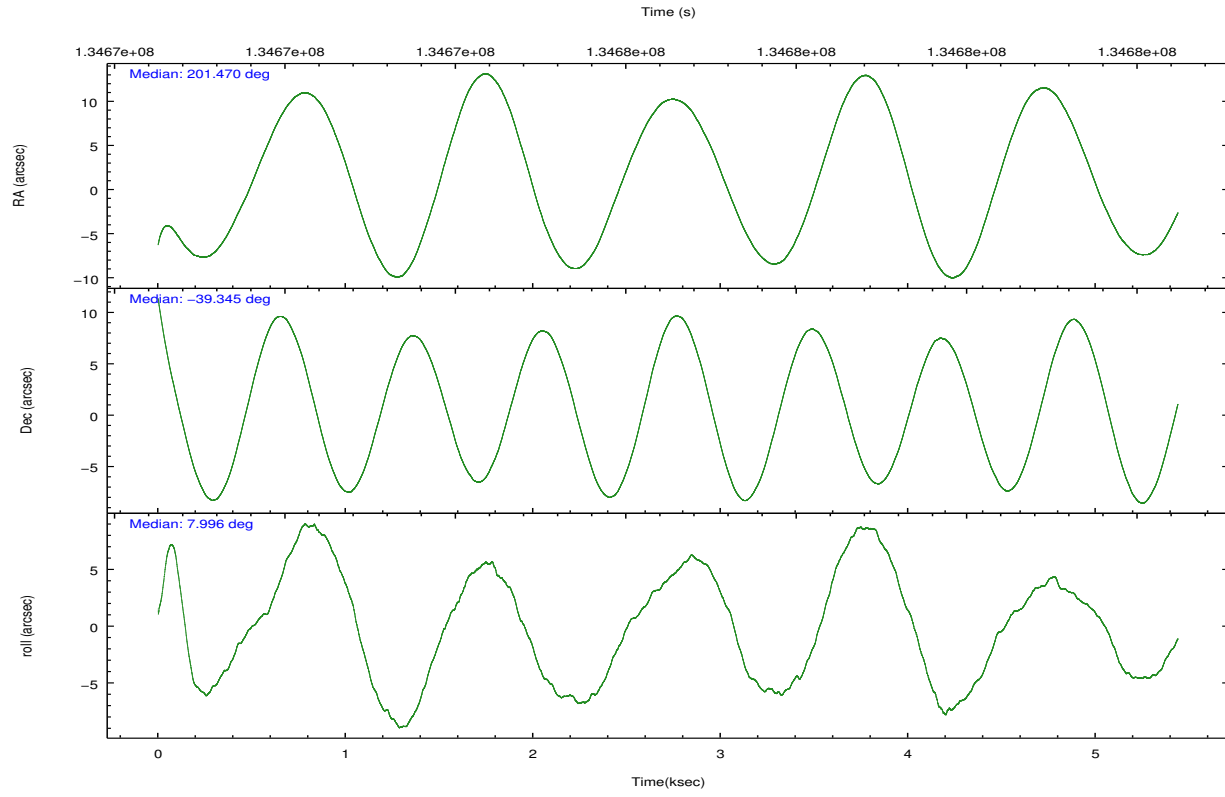
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20504	18979	30946	20805	24513	24779	grade 0 events	910	897	5884	1212	1261	1414
rejected events	18198	16811	14009	18157	13732	19924		4%	4%	19%	5%	5%	5%
rejected %	88%	88%	45%	87%	56%	80%	grade 1 events	3	8	87	8	30	5
								0%	0%	0%	0%	0%	0%
							grade 2 events	477	380	3689	476	2187	1103
								2%	2%	11%	2%	8%	4%
							grade 3 events	263	265	682	263	1075	514
								1%	1%	2%	1%	4%	2%
							grade 4 events	259	248	587	271	1082	482
								1%	1%	1%	1%	4%	1%
							grade 5 events	657	712	1979	817	2323	994
								3%	3%	6%	3%	9%	4%
							grade 6 events	397	378	6108	428	5179	1345
								1%	1%	19%	2%	21%	5%
							grade 7 events	17538	16091	11930	17330	11376	18922
								85%	84%	38%	83%	46%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	201.443374	201.4707061299326	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-39.361847	-39.34485968520226	Subarray start row	257	257
[deg] Pointing Roll	7.829276	8.003229734471152	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	134672971.184000	134671883.82776			
Observation start date	2002-04-08T17:08:27	2002-04-08T16:51:23			
[s] Observation end time (MET)	134677971.184000	134678369.51552			
Observation end date	2002-04-08T18:31:47	2002-04-08T18:39:29			
Read mode	TIMED	TIMED			

2.3 Aspect



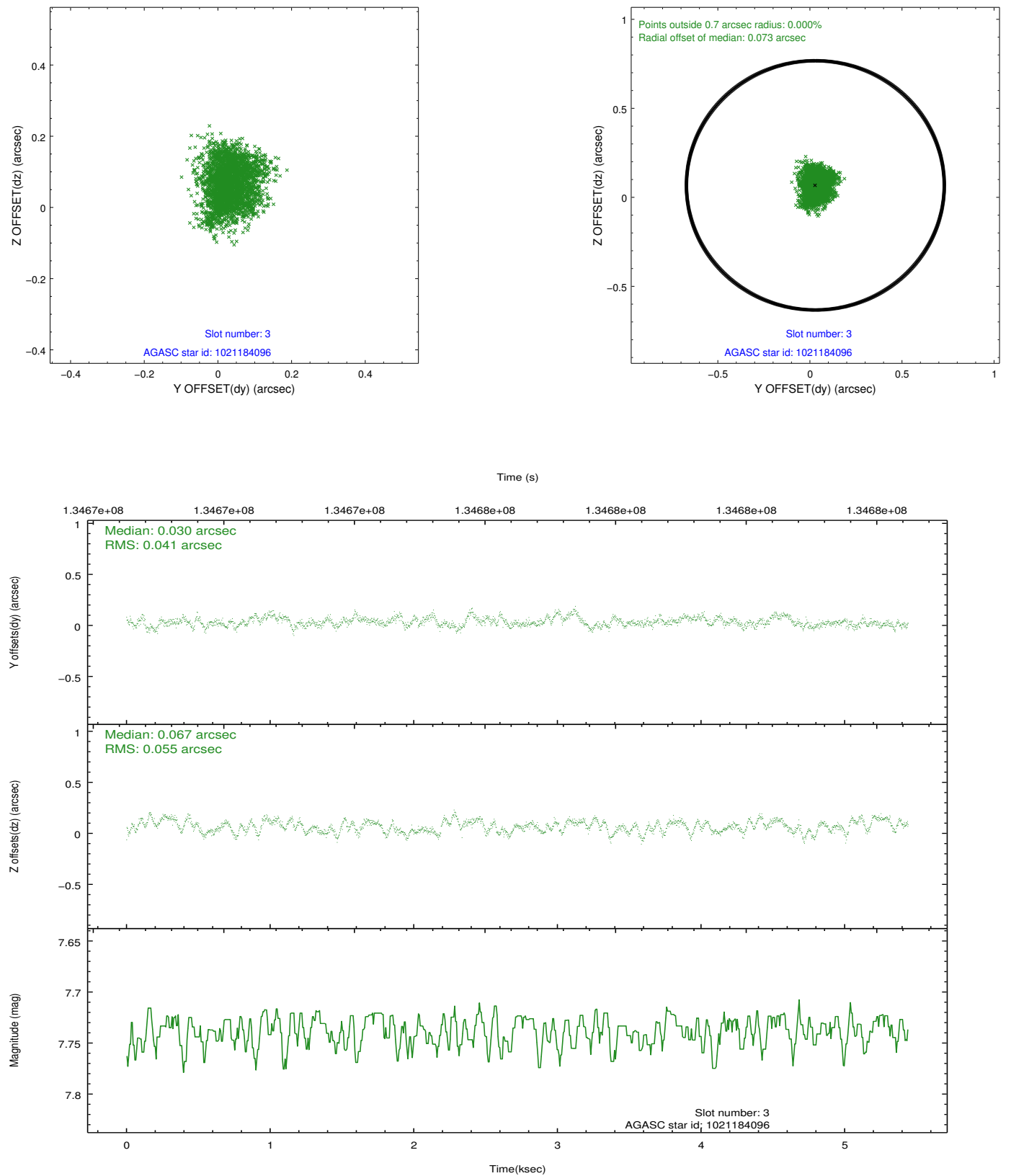


Slot Statistics

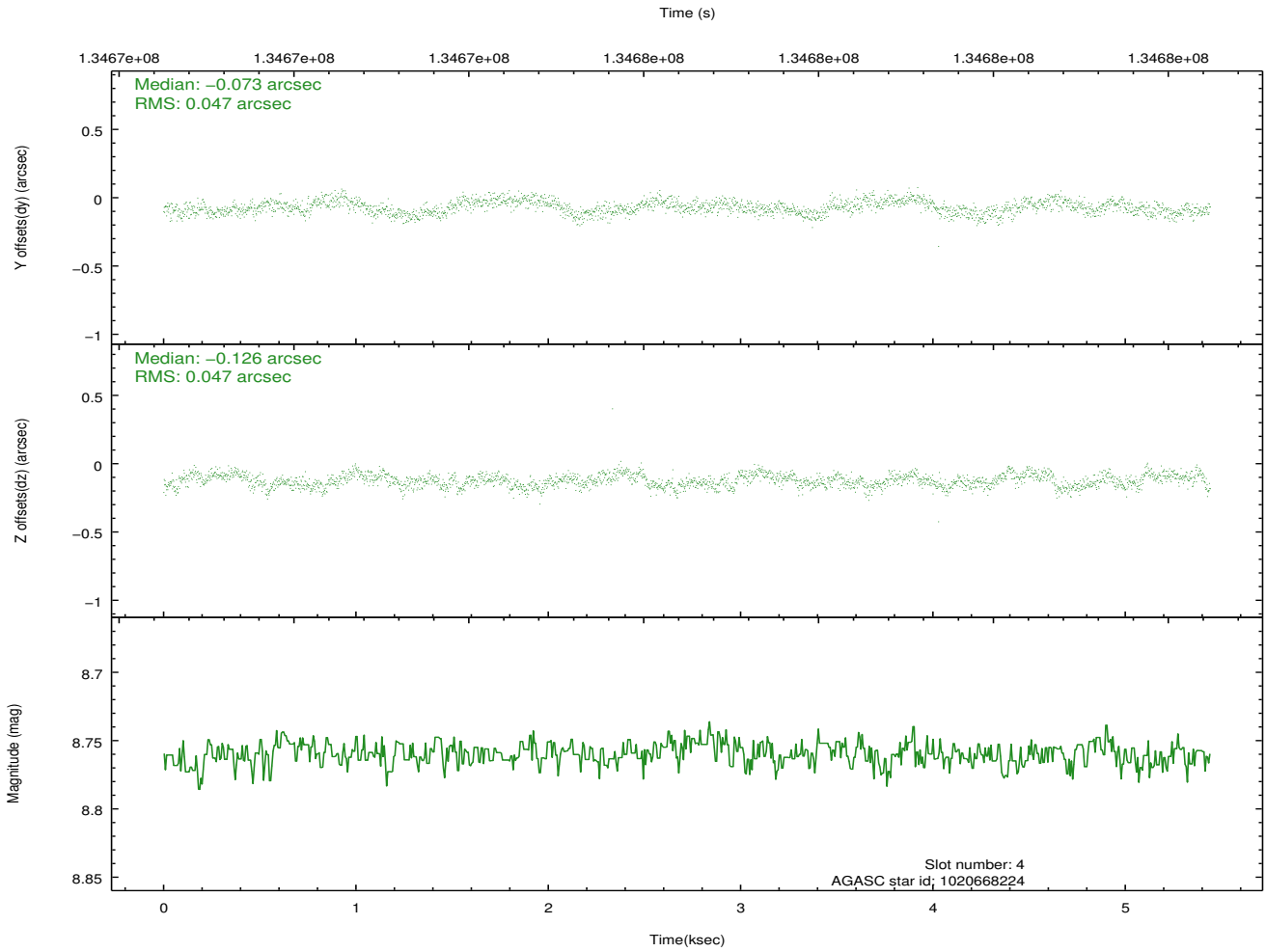
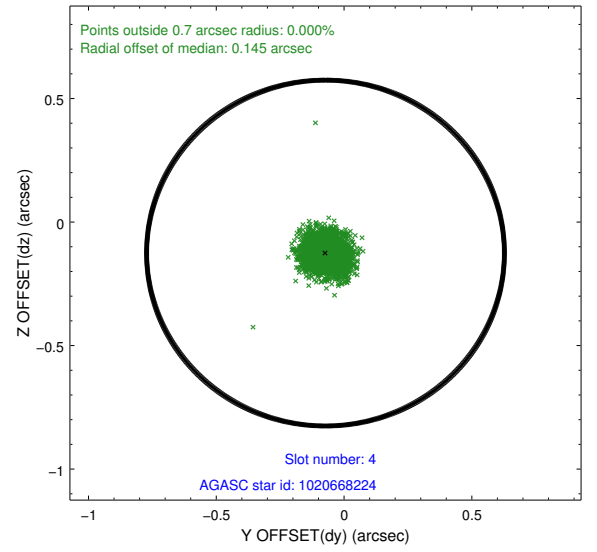
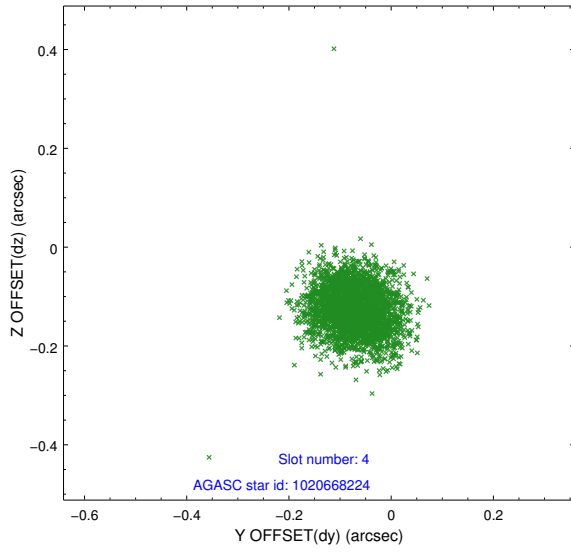
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1327	-0.051	-0.002	0.007	0.011	0.000000	0.000000	-754.46	-1727.45
1	FID	ACIS-S-4	7.21	1327	-0.006	0.025	0.006	0.011	0.000000	0.000000	2158.33	179.97
2	FID	ACIS-S-5	7.24	1328	0.025	-0.014	0.007	0.012	0.000000	0.000000	-1805.84	174.79
3	GUIDE	1021184096	7.74	2655	0.030	0.067	0.075	0.118	200.846796	-39.627951	-1768.28	-729.66
4	GUIDE	1020668224	8.76	2655	-0.073	-0.126	0.071	0.111	201.999569	-39.291136	1570.05	35.82
5	GUIDE	1021191568	8.61	2654	0.000	0.069	0.096	0.143	202.374064	-39.670534	2404.07	-1465.44
6	GUIDE	1021188224	9.84	2654	0.036	0.025	0.154	0.248	202.338489	-39.717656	2282.15	-1619.46
7	GUIDE	1020674984	9.44	2654	0.009	-0.045	0.112	0.178	201.228908	-38.866476	-350.53	1846.86

2.4 Star Slots

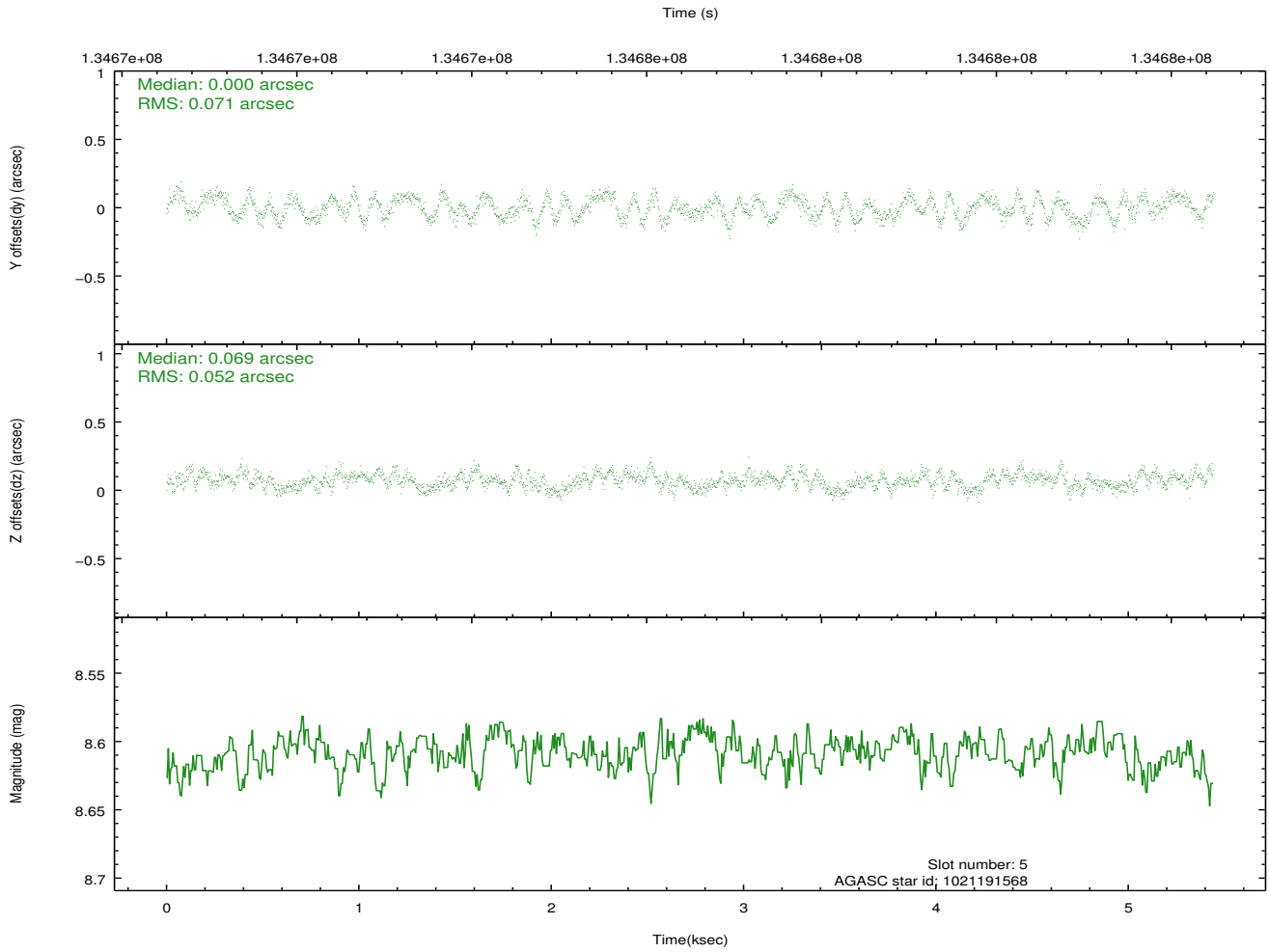
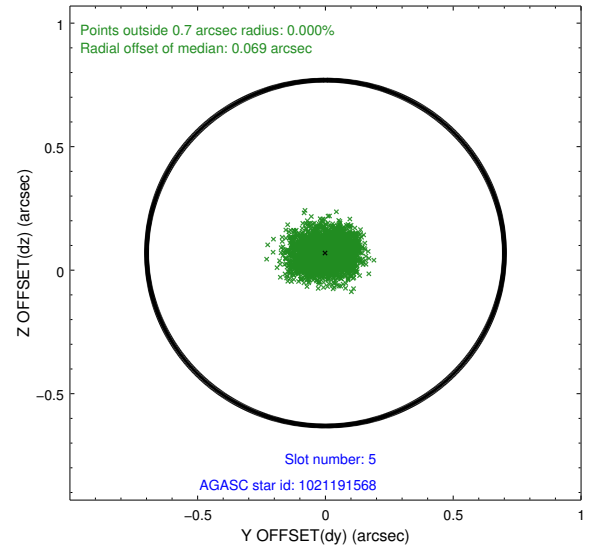
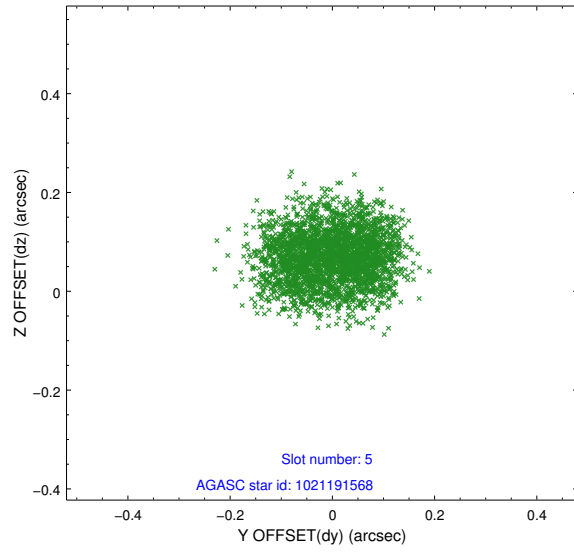
2.4.1 Slot 3



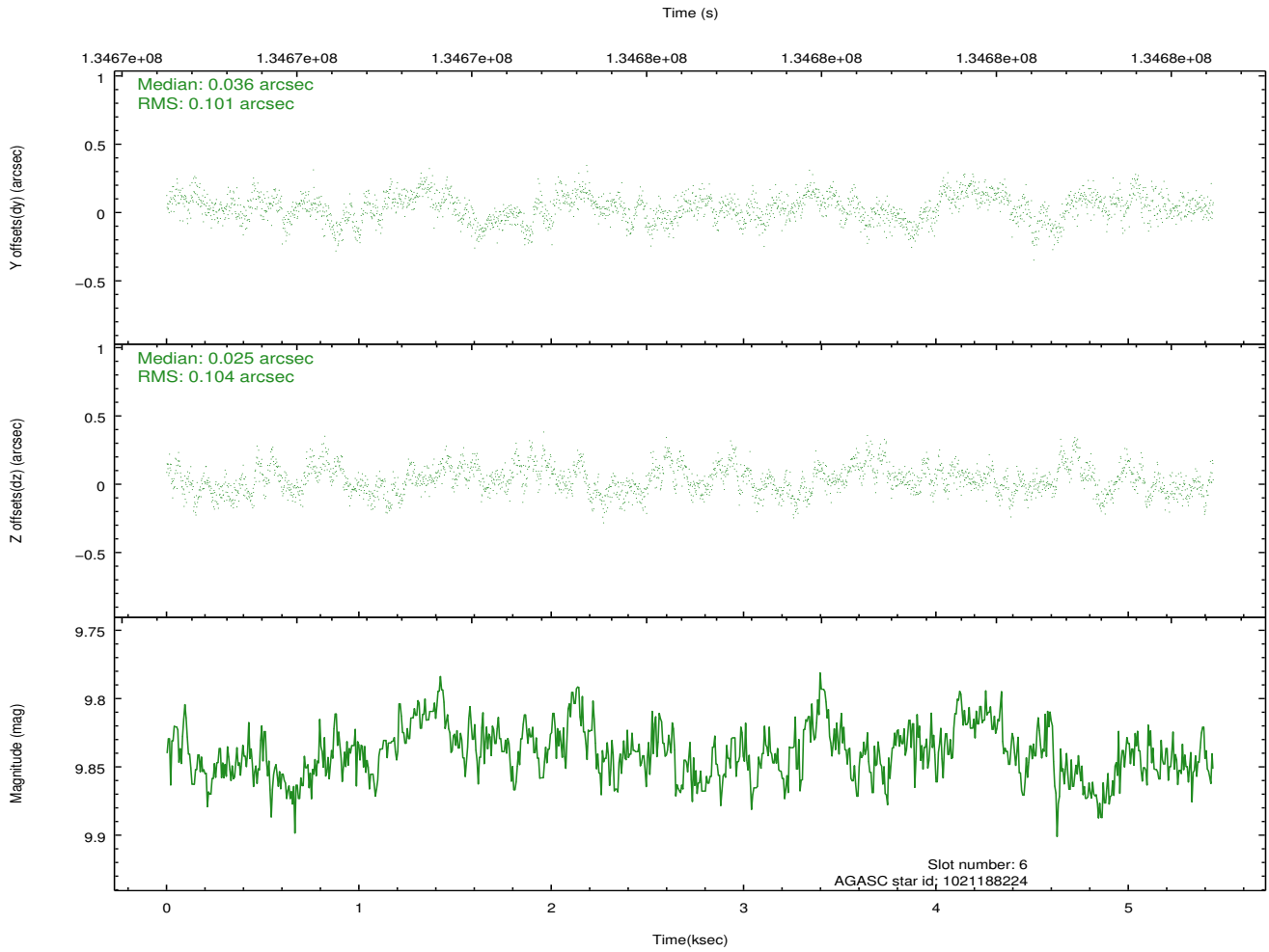
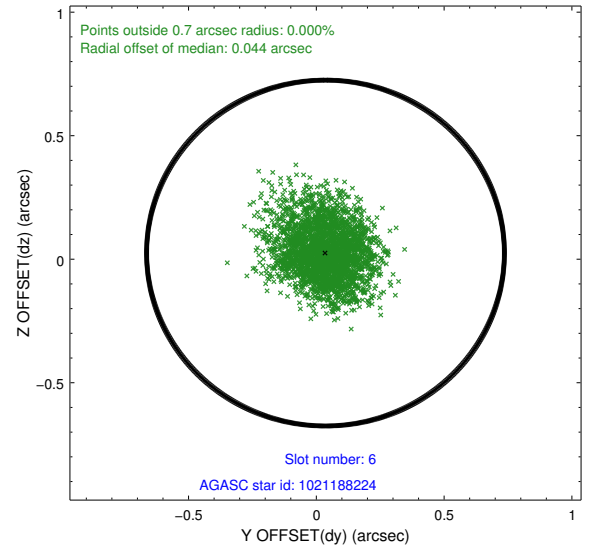
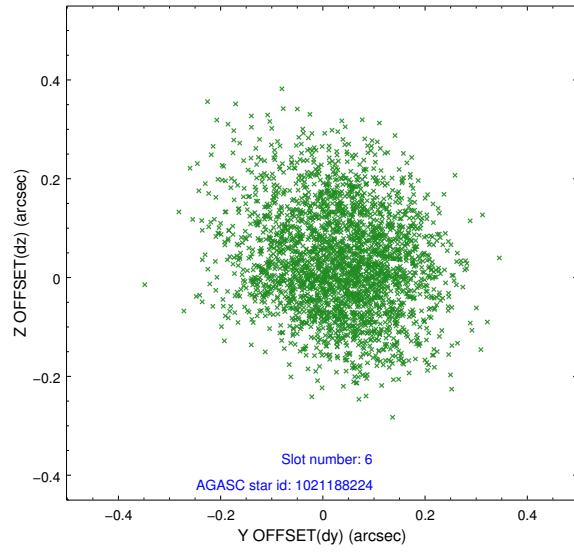
2.4.2 Slot 4



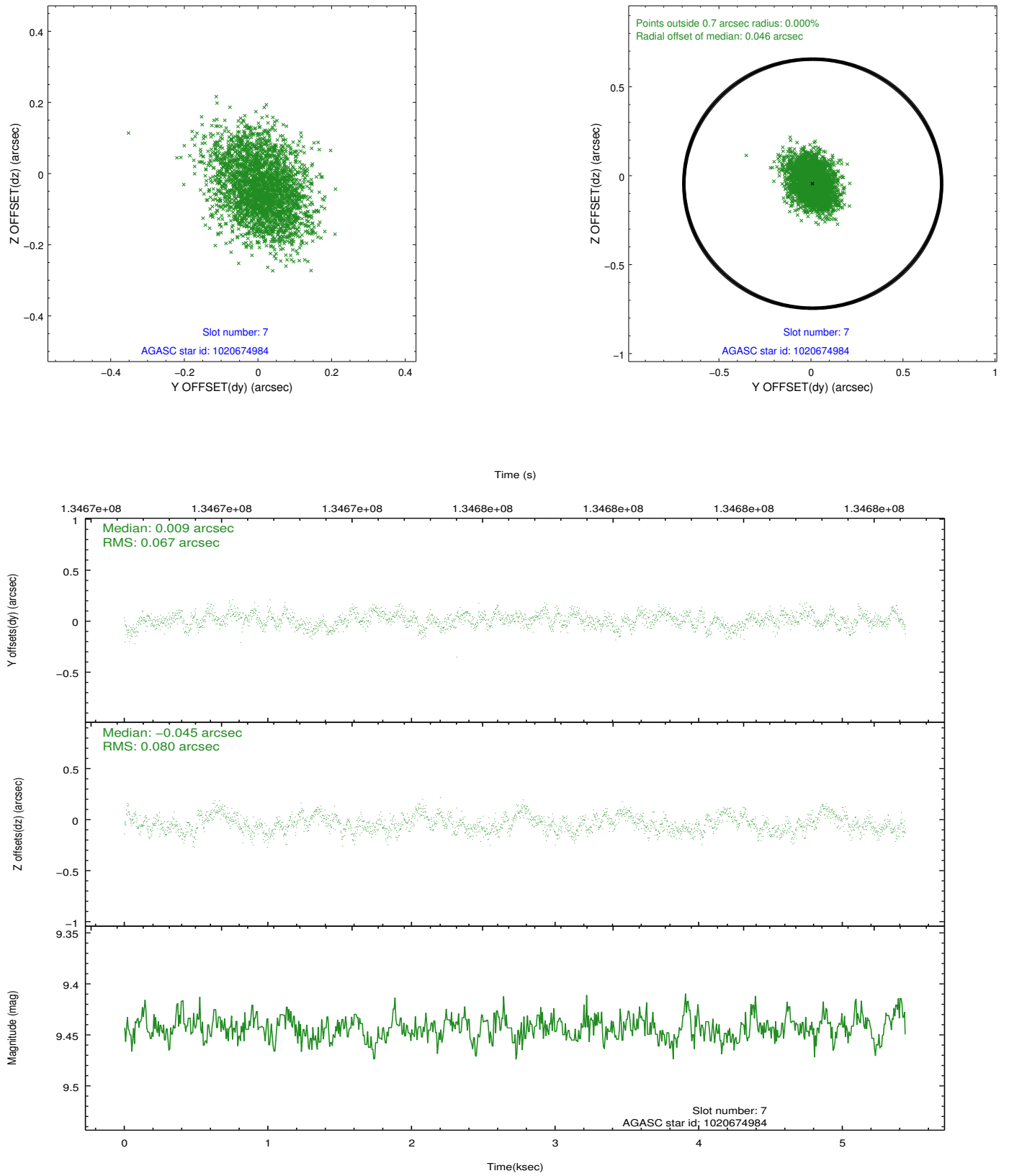
2.4.3 Slot 5



2.4.4 Slot 6

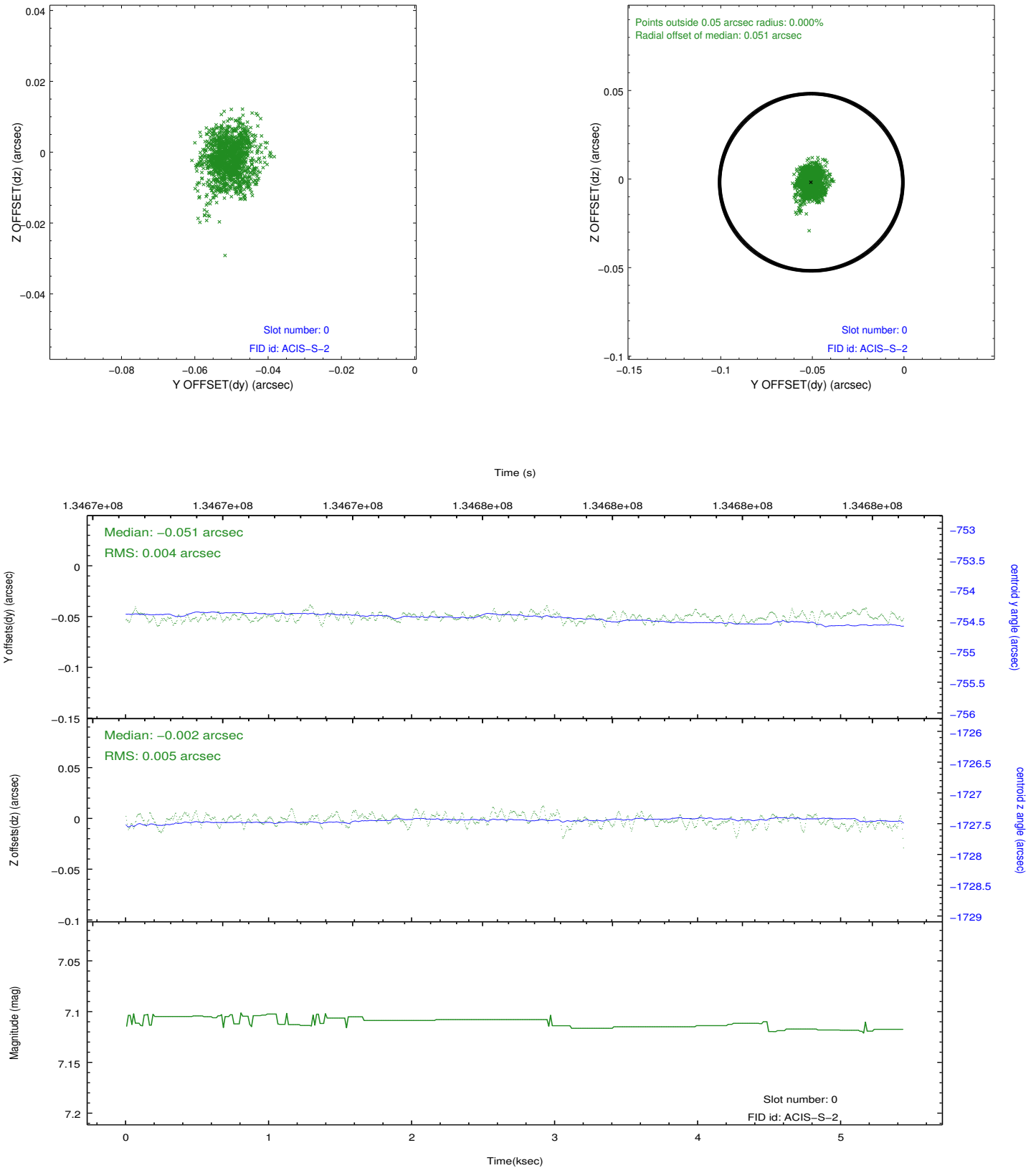


2.4.5 Slot 7

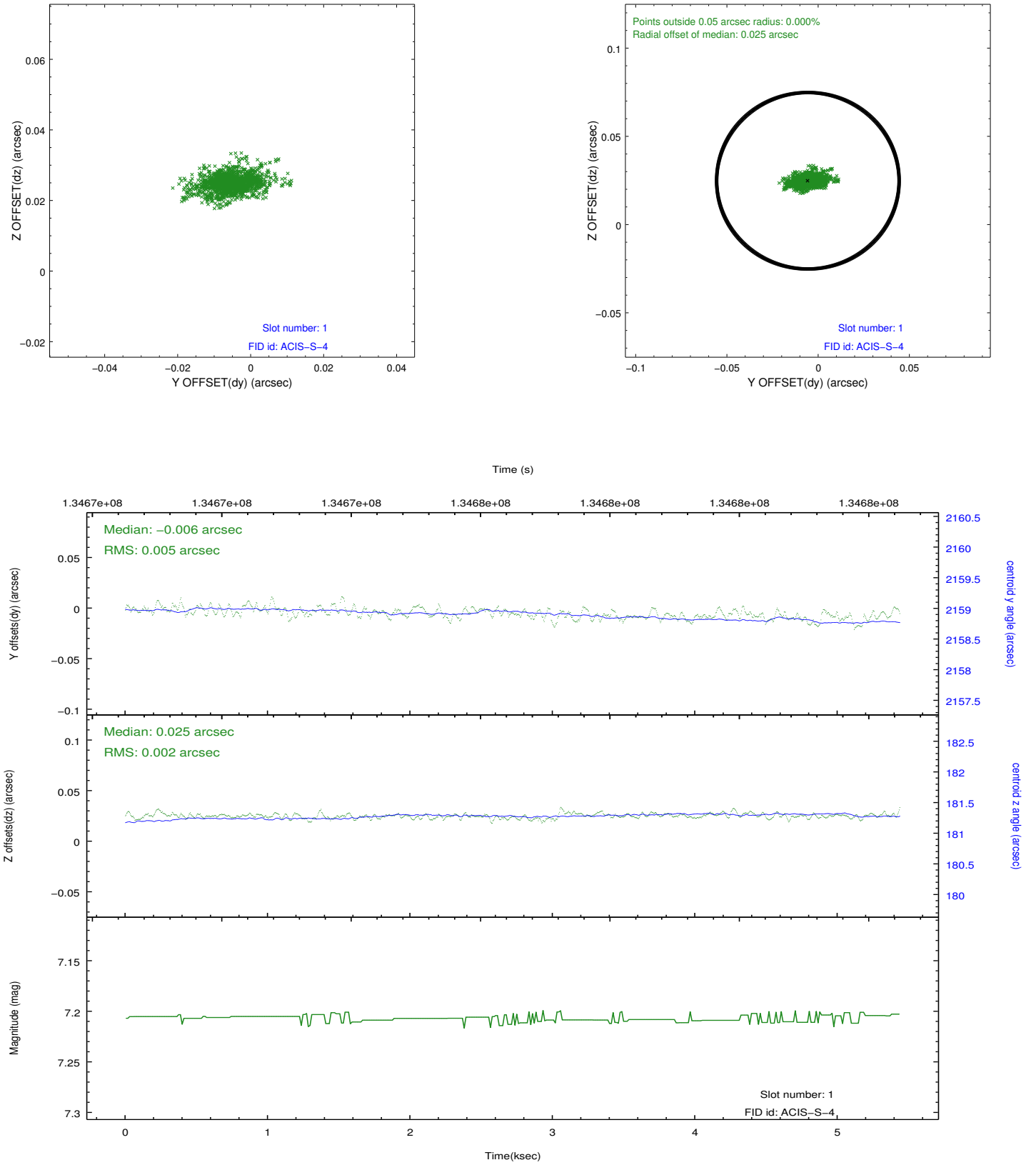


2.5 FID Slots

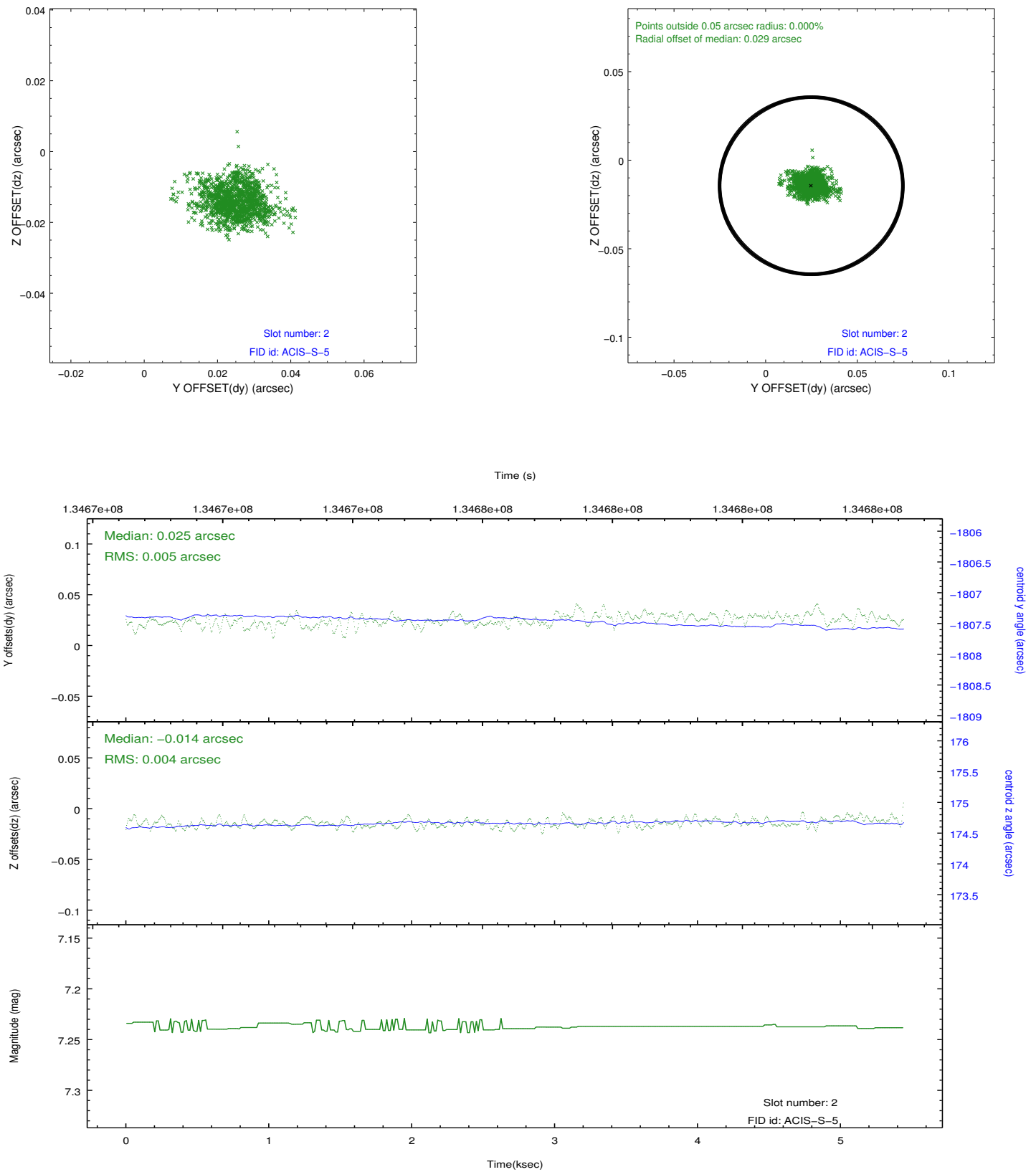
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.401

A.2 Comments

Joint proposal with NOAO.