

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3327 - L2 Version 3
Chandra X-Ray Center

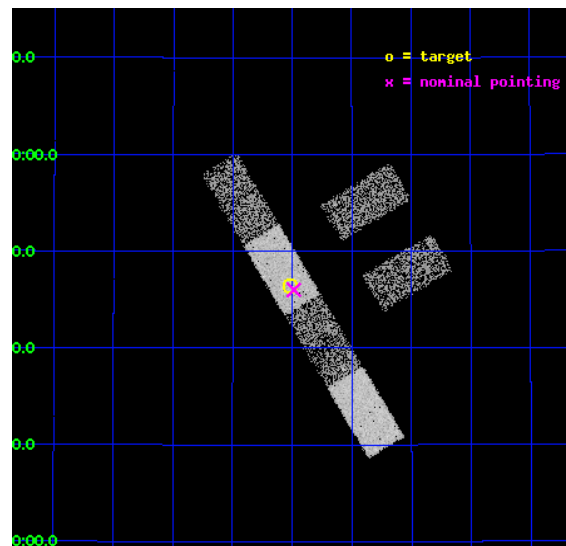
L2 Processing Date : Oct 10 2012

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1 Front

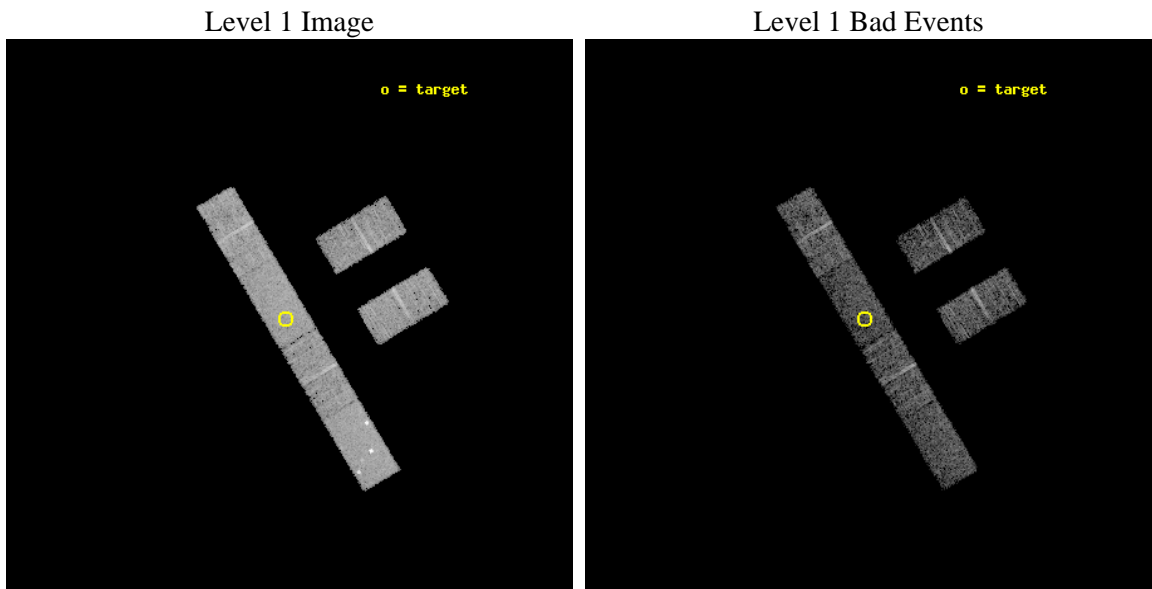
seq_num	900166	Sequence number
obs_id	3327	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J1354.0+3346	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	208.504167	Observer's specified target RA [deg]
dec_targ	33.774167	Observer's specified target Dec [deg]
ra_nom	208.49646778189	Nominal RA [deg]
dec_nom	33.766892603584	Nominal Dec [deg]
roll_nom	239.16381037152	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5167.800034225	Sum of GTIs [s]
livetime	5052.600737412	Livetime [s]
ontime2	5167.800034225	Sum of GTIs [s]
ontime3	5167.6771851182	Sum of GTIs [s]
ontime5	5167.7592651248	Sum of GTIs [s]
ontime6	5167.7182251215	Sum of GTIs [s]
ontime7	5167.800034225	Sum of GTIs [s]
ontime8	5167.6361451447	Sum of GTIs [s]
l2events	28039	Number of level 2 events



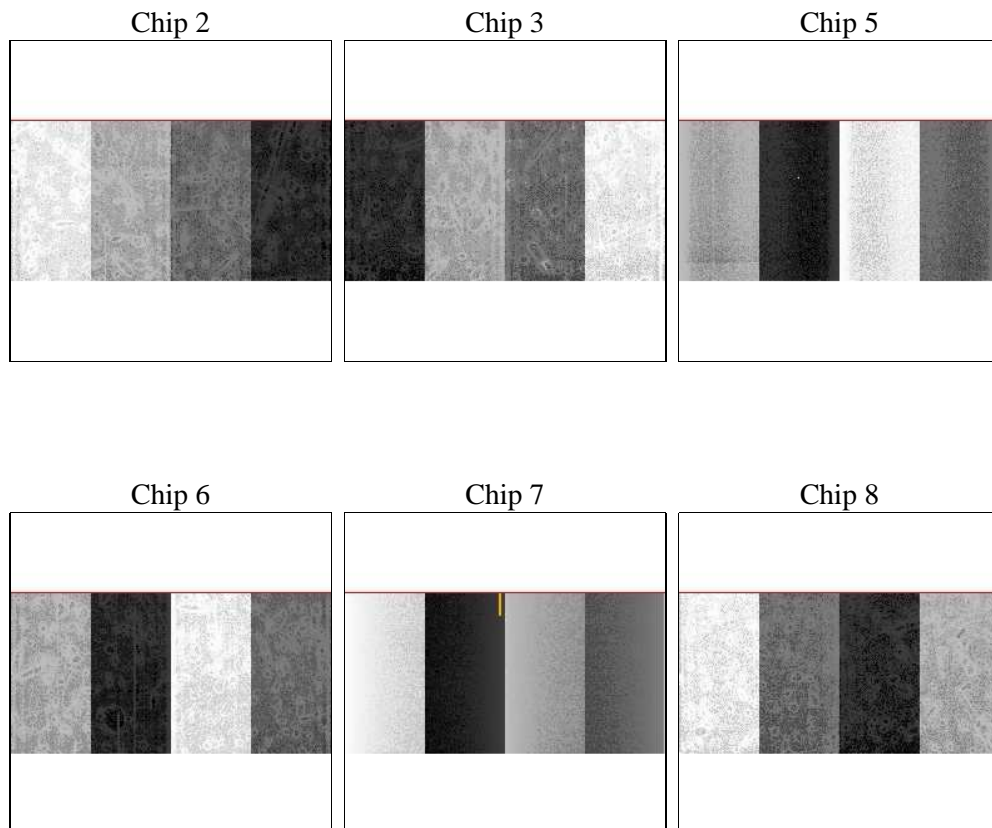
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5167.800034225	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	5167.800034225	Sum of GTIs [s]
date	2012-10-10T03:23:31	Date and time of file creation	ontime3	5167.6771851182	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5167.7592651248	Sum of GTIs [s]
			ontime6	5167.7182251215	Sum of GTIs [s]
			ontime7	5167.800034225	Sum of GTIs [s]
			ontime8	5167.6361451447	Sum of GTIs [s]
			l1events	132408	Number of level 1 events

2.1.4 Events

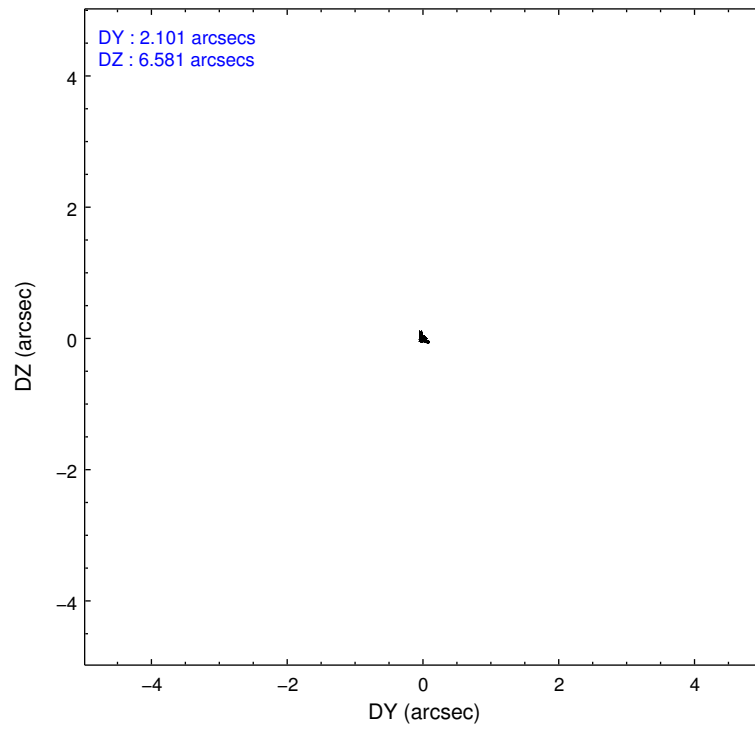
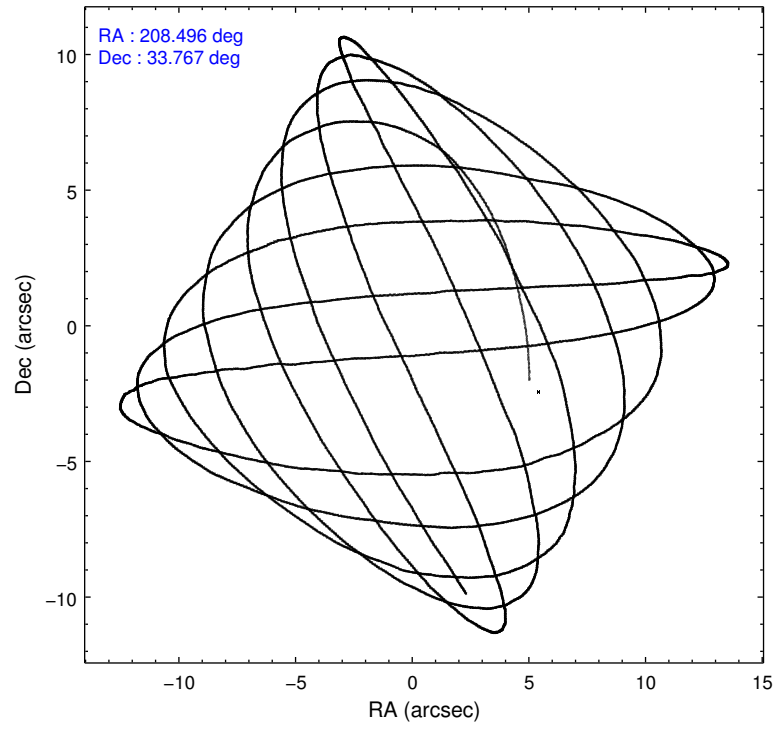
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20091	17226	29005	18841	23107	24138	grade 0 events	828	812	4863	790	1046	1306
rejected events	17917	15190	13603	16708	13106	19572		4%	4%	16%	4%	4%	5%
rejected %	89%	88%	46%	88%	56%	81%	grade 1 events	6	8	80	2	23	12
								0%	0%	0%	0%	0%	0%
							grade 2 events	497	386	3389	432	1977	960
								2%	2%	11%	2%	8%	3%
							grade 3 events	235	257	592	244	1030	516
								1%	1%	2%	1%	4%	2%
							grade 4 events	239	228	568	272	1003	509
								1%	1%	1%	1%	4%	2%
							grade 5 events	621	738	2105	803	2191	982
								3%	4%	7%	4%	9%	4%
							grade 6 events	375	353	5997	398	4956	1276
								1%	2%	20%	2%	21%	5%
							grade 7 events	17290	14444	11411	15900	10881	18577
								86%	83%	39%	84%	47%	76%

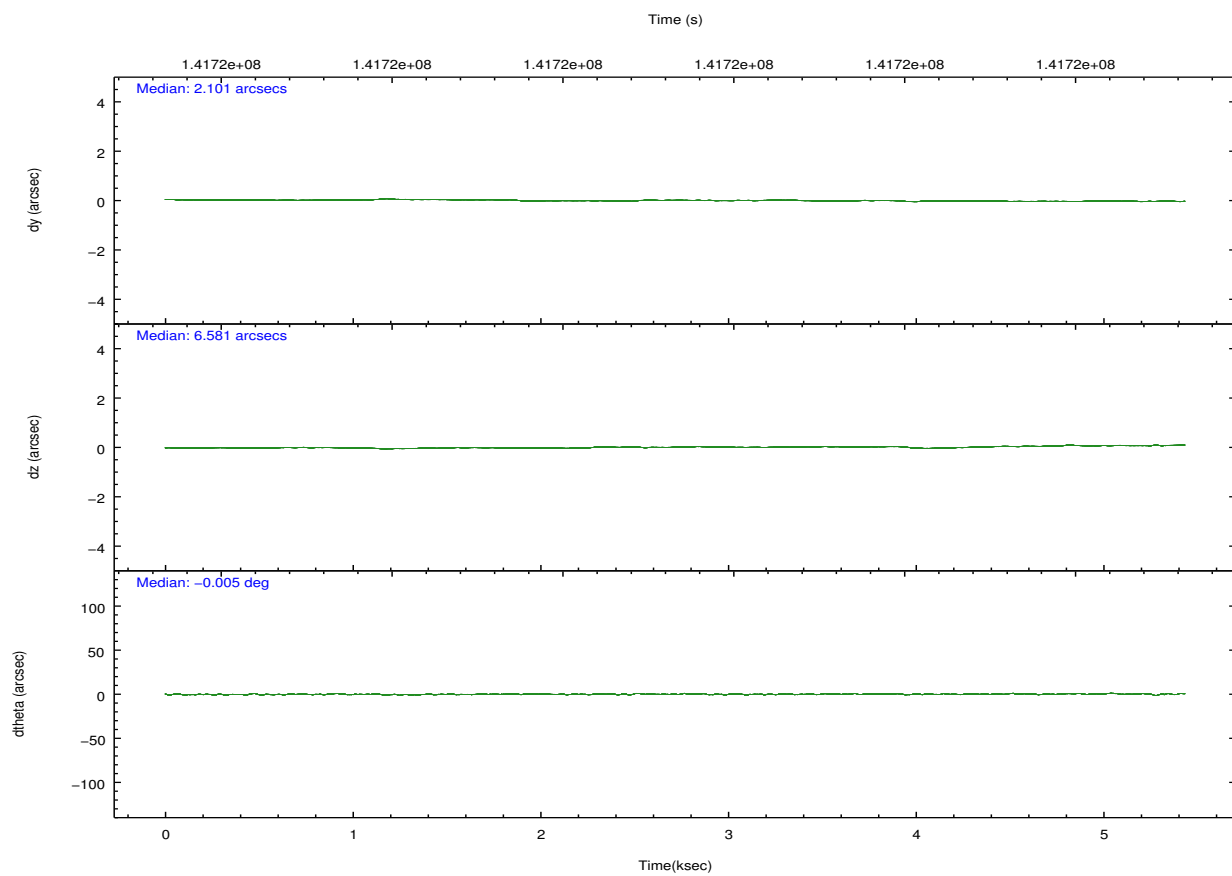
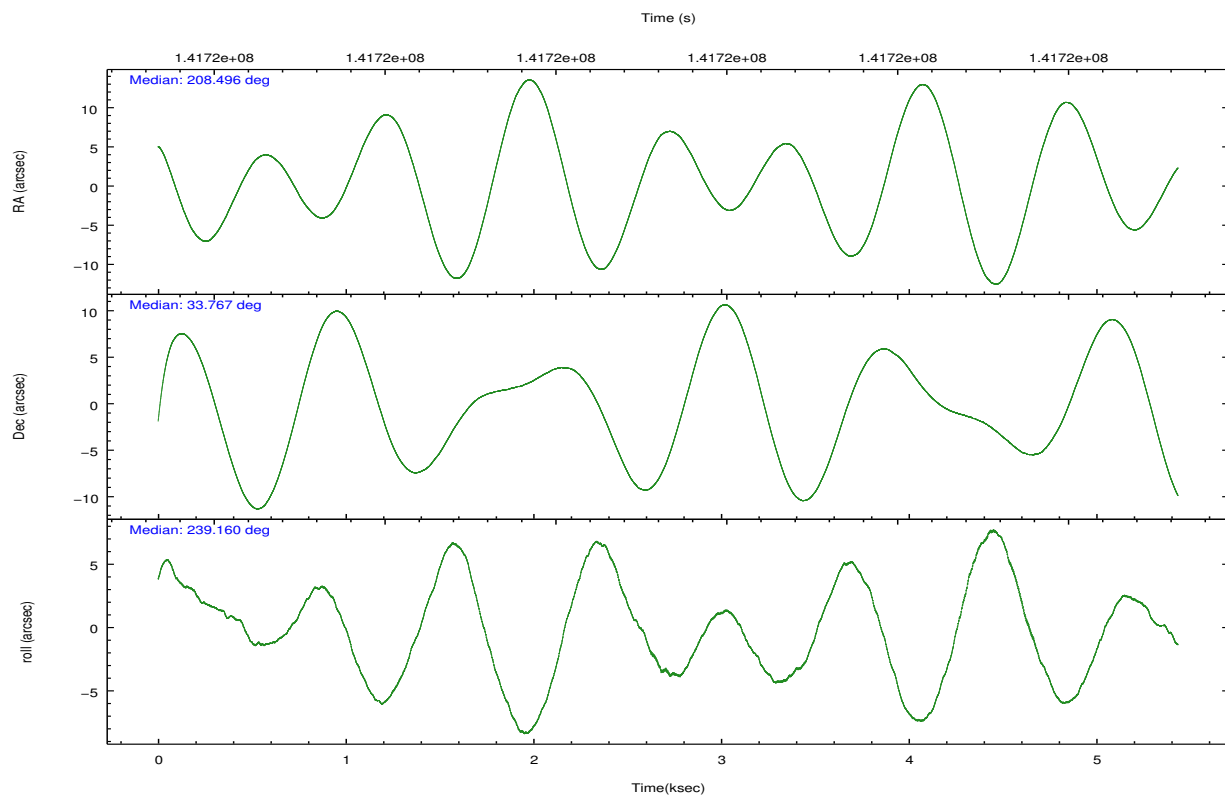
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-235678	ACIS-235678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	208.496579	208.496467781893
[deg] Pointing Dec	33.794086	33.76689260358365
[deg] Pointing Roll	239.007113	239.1638103715156
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	141719375.184000	141718293.2528
Observation start date	2002-06-29T06:28:31	2002-06-29T06:11:33
[s] Observation end time (MET)	141724375.184000	141724982.40307
Observation end date	2002-06-29T07:51:51	2002-06-29T08:03:02
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/2
Subarray start row	257	257
Subarray row count	512	512
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	1.8

2.3 Aspect



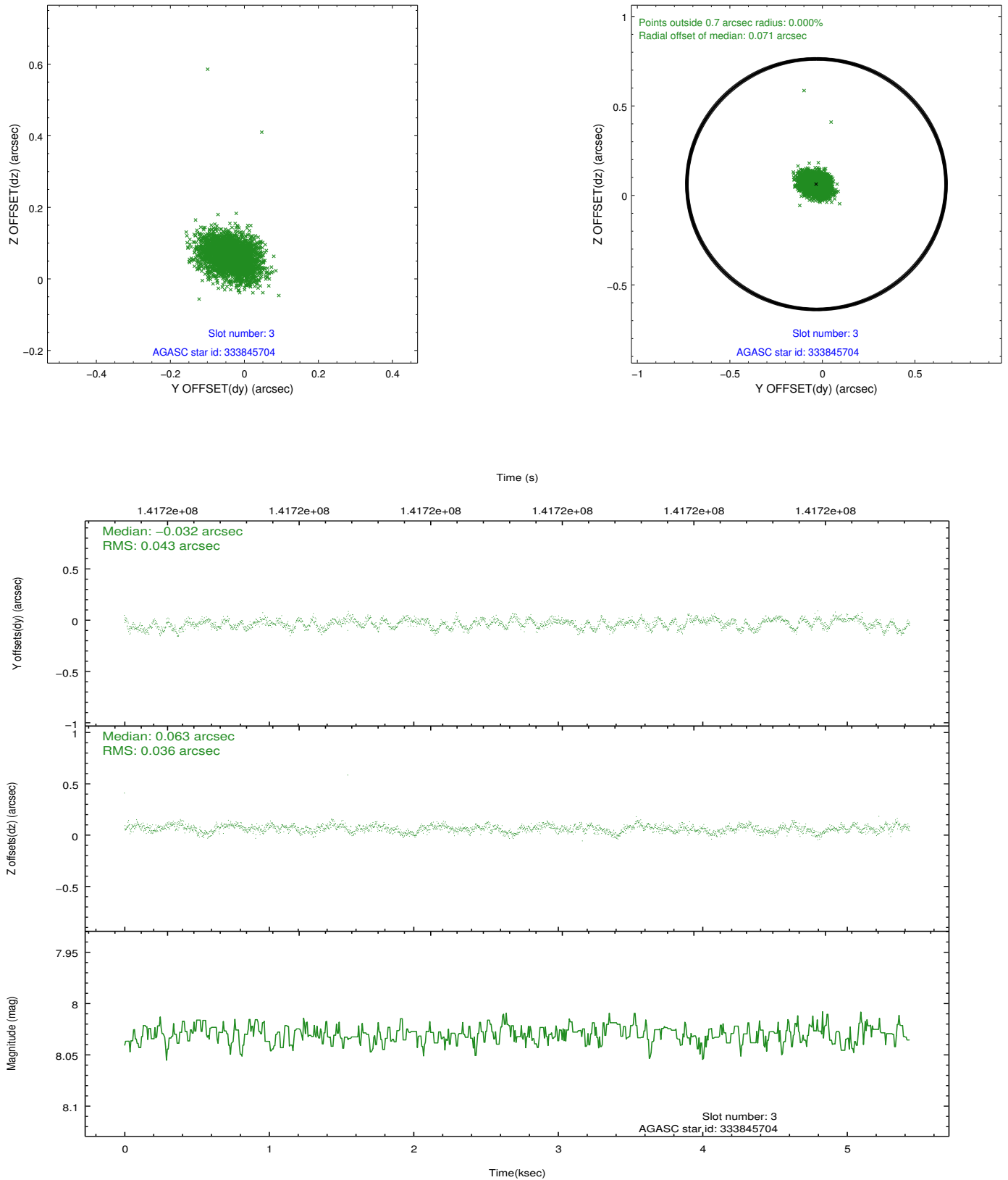


Slot Statistics

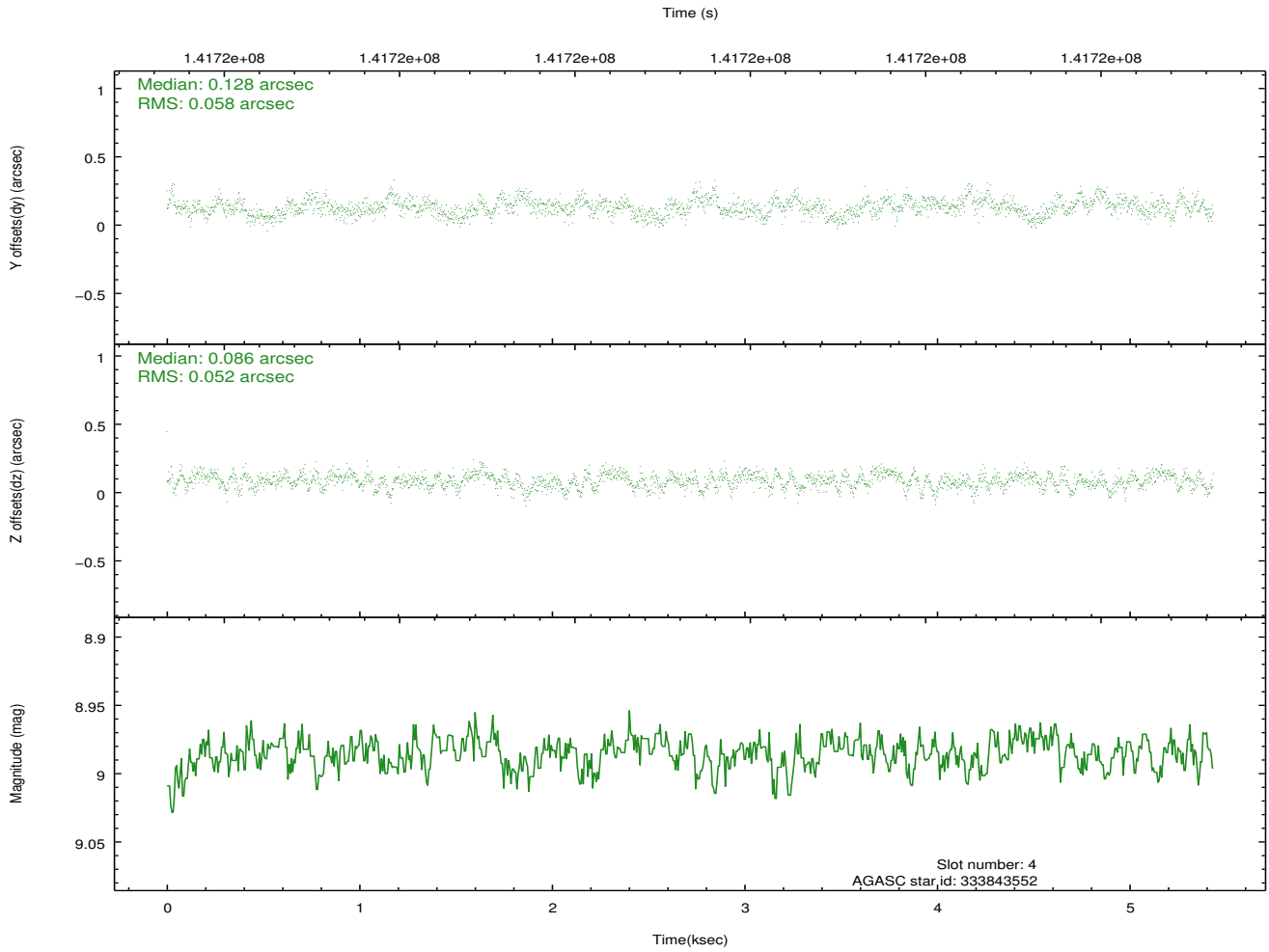
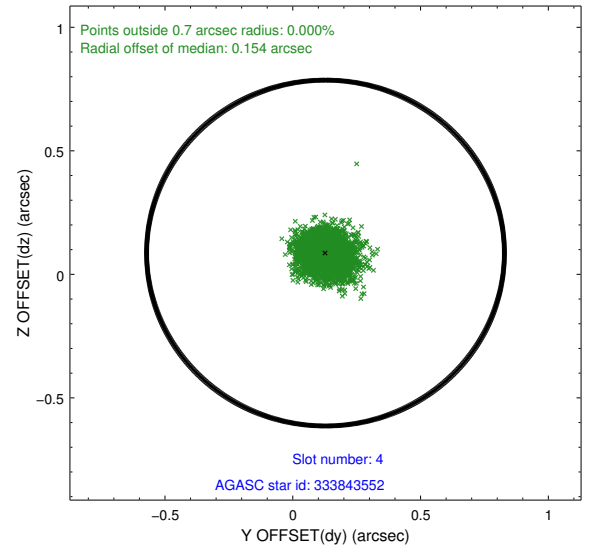
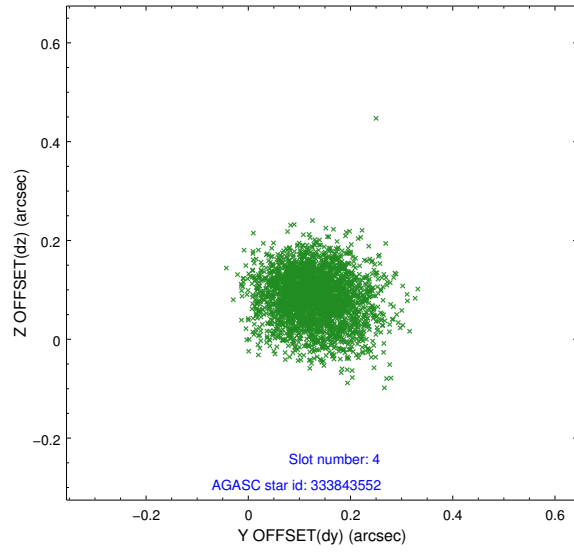
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1326	-0.043	0.000	0.006	0.011	0.000000	0.000000	-754.75	-1727.75
1	FID	ACIS-S-4	7.20	1326	-0.004	0.020	0.006	0.010	0.000000	0.000000	2158.05	179.64
2	FID	ACIS-S-5	7.24	1325	0.015	-0.012	0.007	0.011	0.000000	0.000000	-1806.12	174.50
3	GUIDE	333845704	8.03	2651	-0.032	0.063	0.059	0.093	209.172586	33.937049	-1487.18	1463.64
4	GUIDE	333843552	8.99	2650	0.128	0.086	0.084	0.135	207.943128	33.286944	2417.95	-487.89
5	GUIDE	333844520	9.30	2651	0.005	-0.100	0.105	0.176	208.057673	33.708550	938.91	-968.52
6	GUIDE	333846144	9.22	2652	0.032	0.025	0.100	0.166	209.272937	33.807012	-1243.43	1962.83
7	GUIDE	333845560	9.49	2649	-0.140	-0.076	0.083	0.134	208.480633	34.549476	-2307.92	-1439.04

2.4 Star Slots

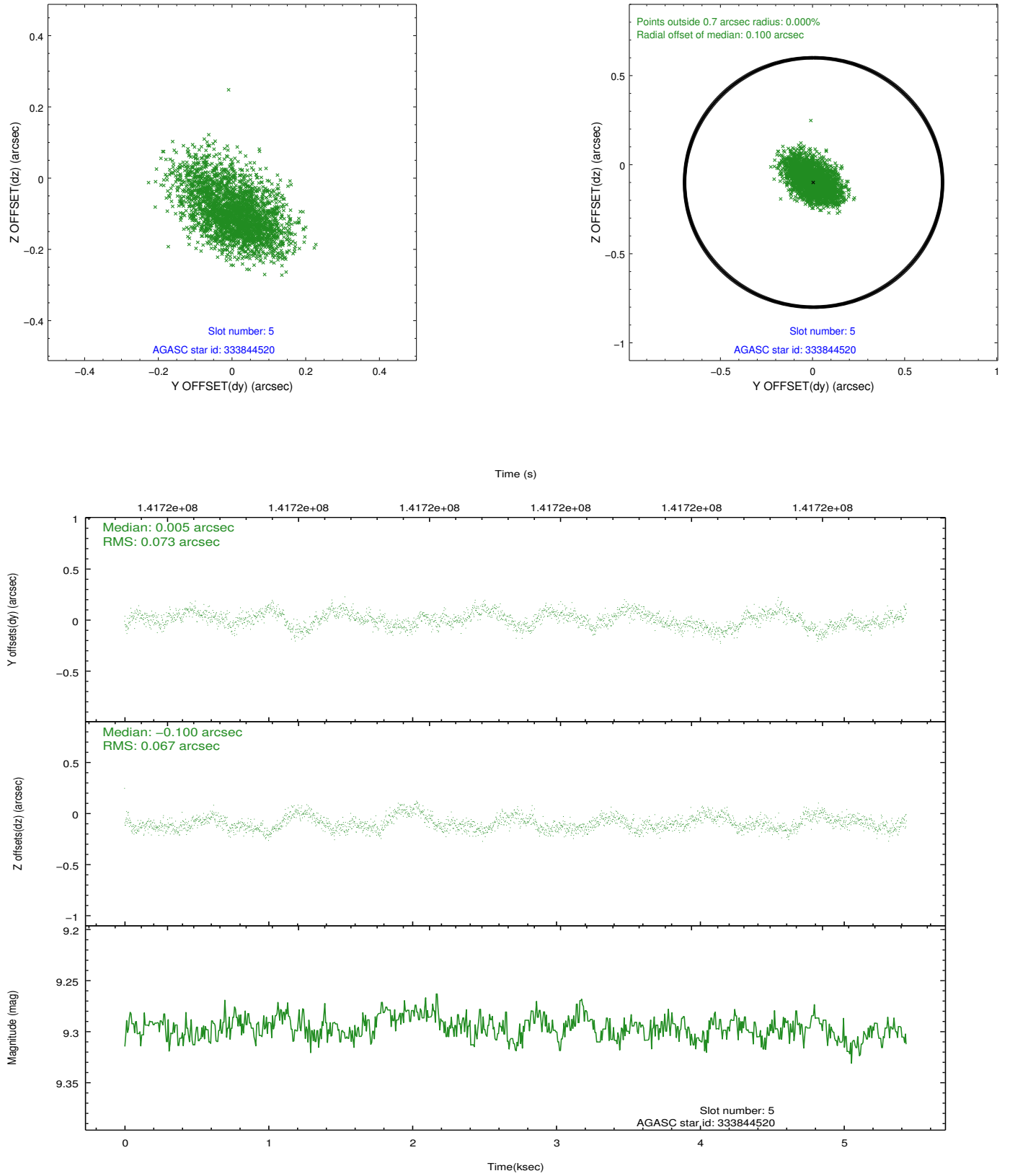
2.4.1 Slot 3



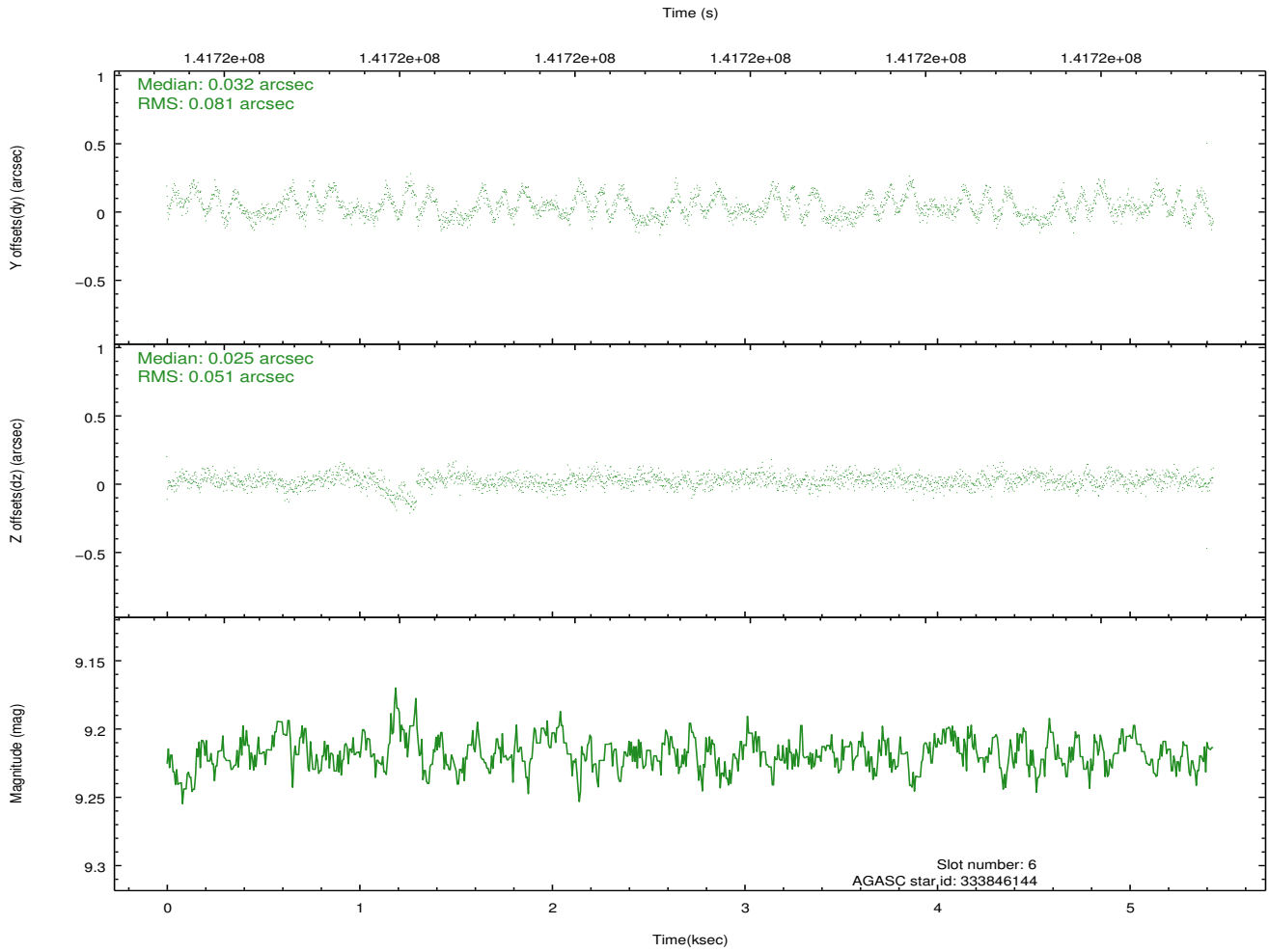
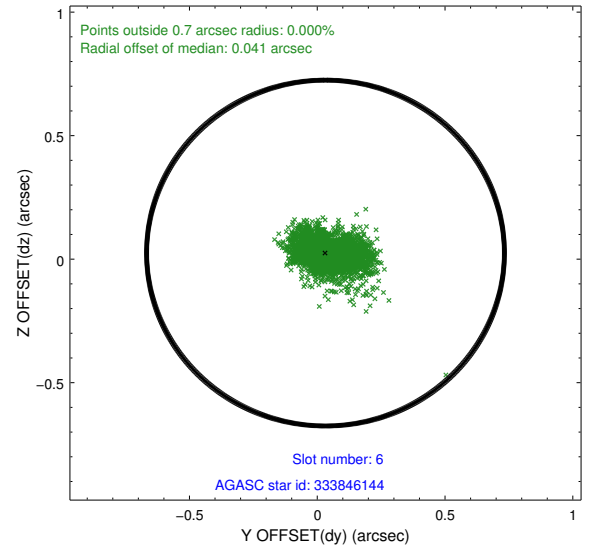
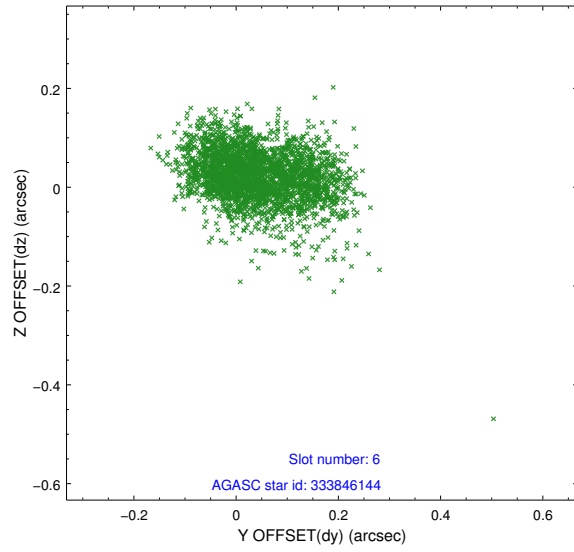
2.4.2 Slot 4



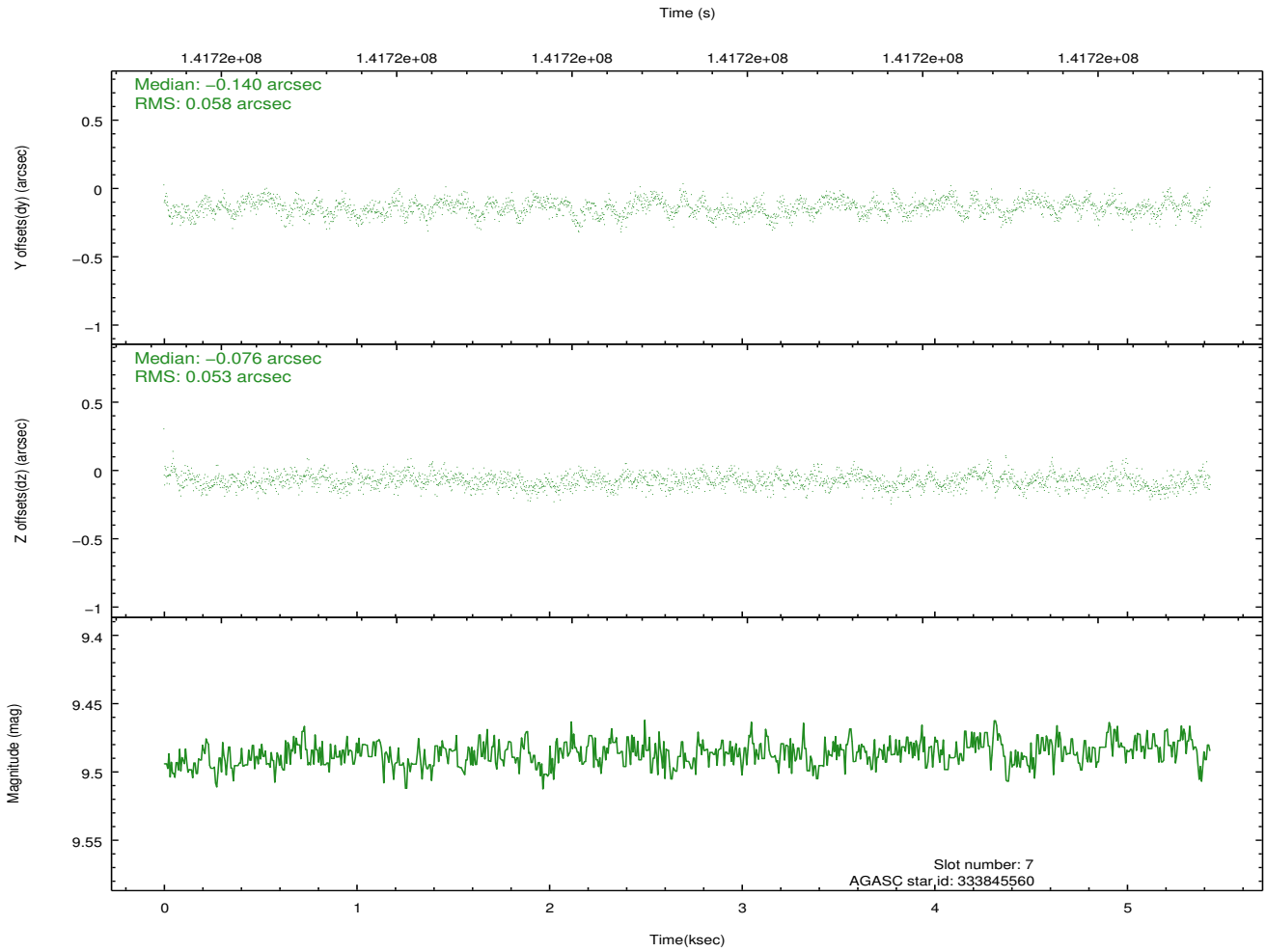
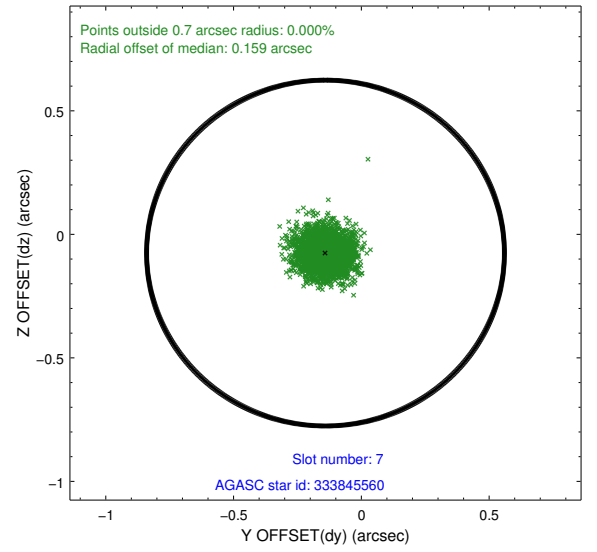
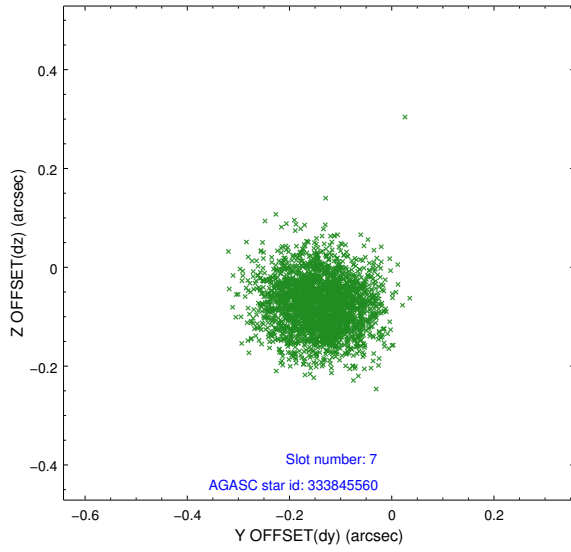
2.4.3 Slot 5



2.4.4 Slot 6

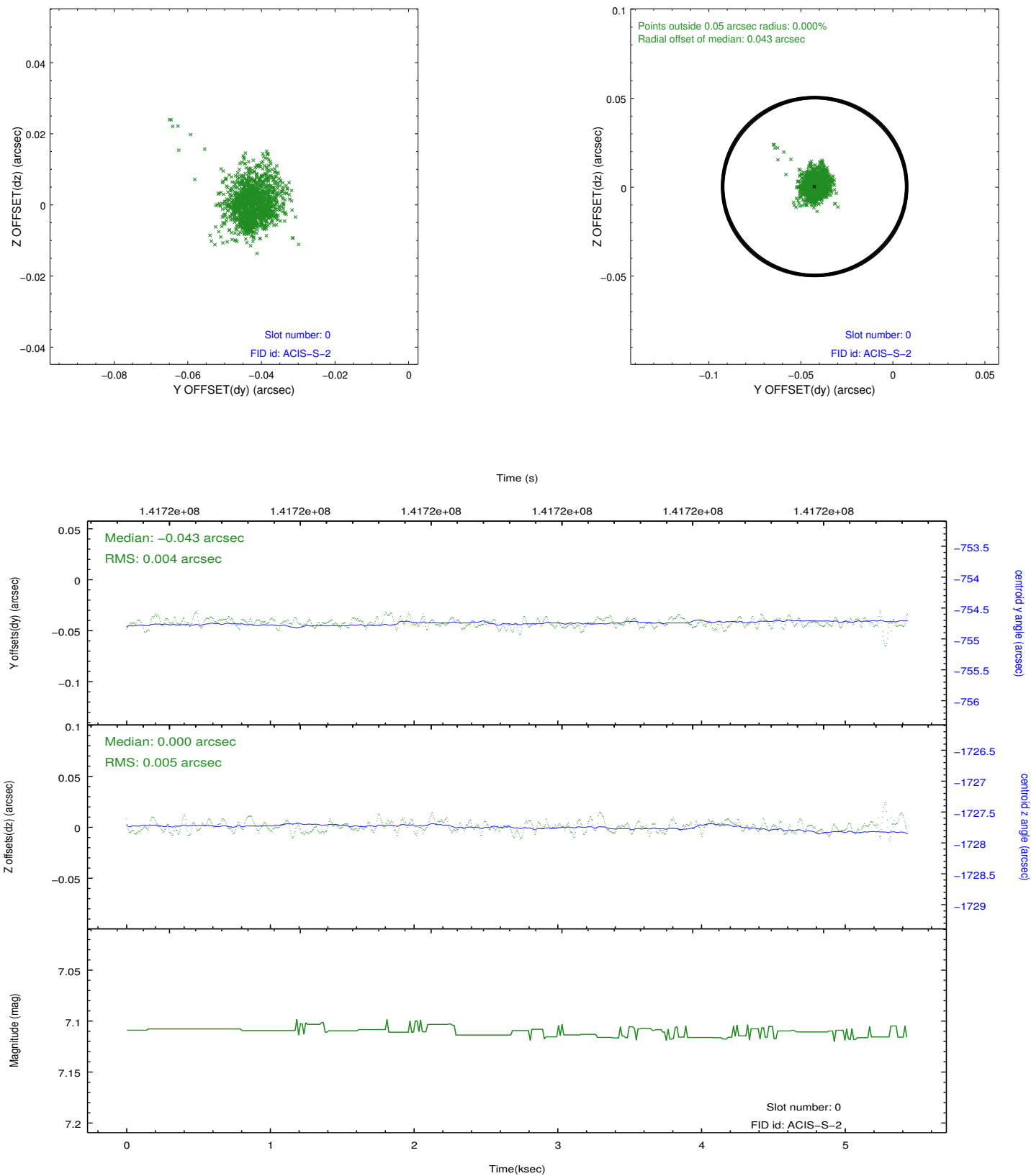


2.4.5 Slot 7

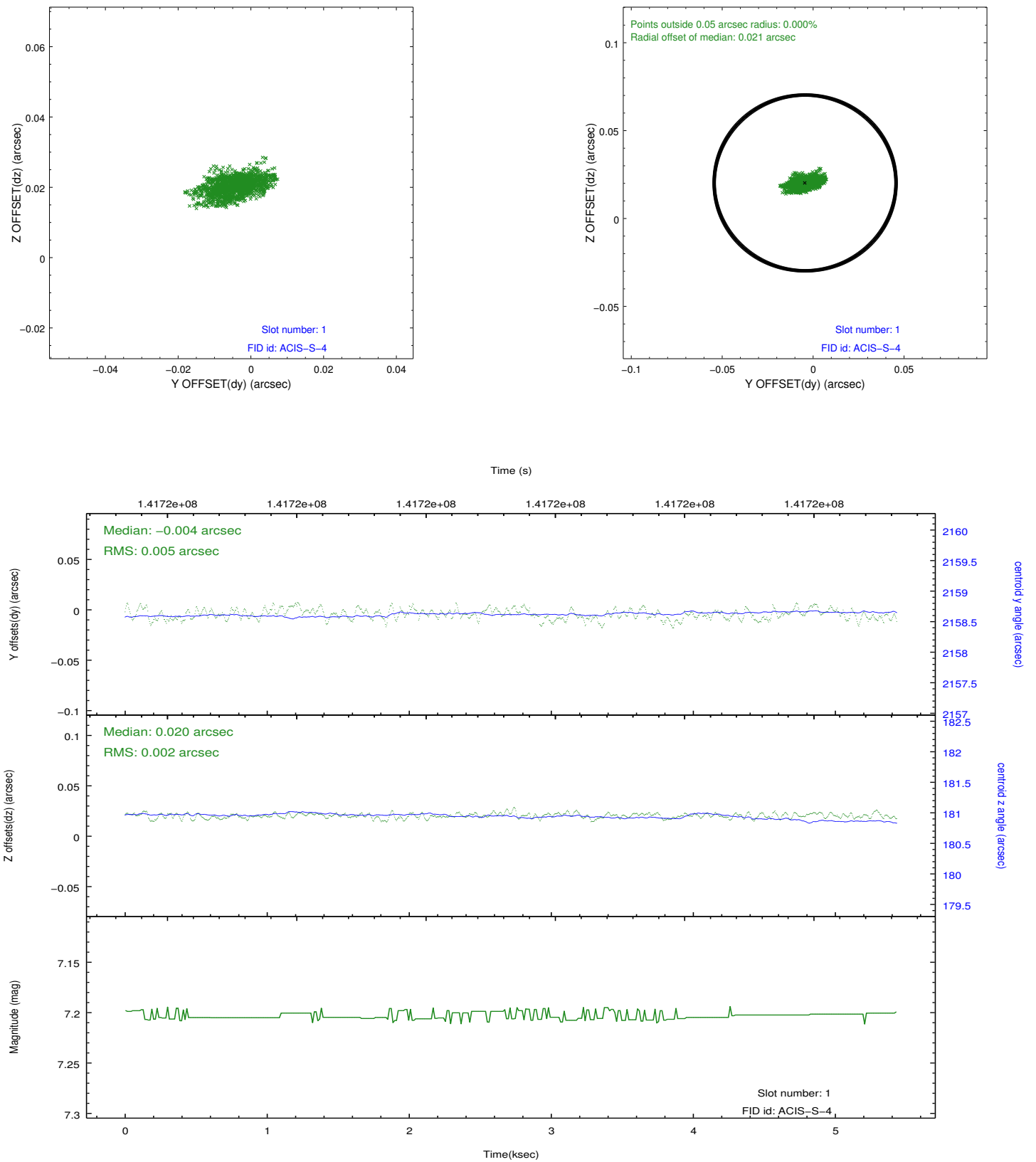


2.5 FID Slots

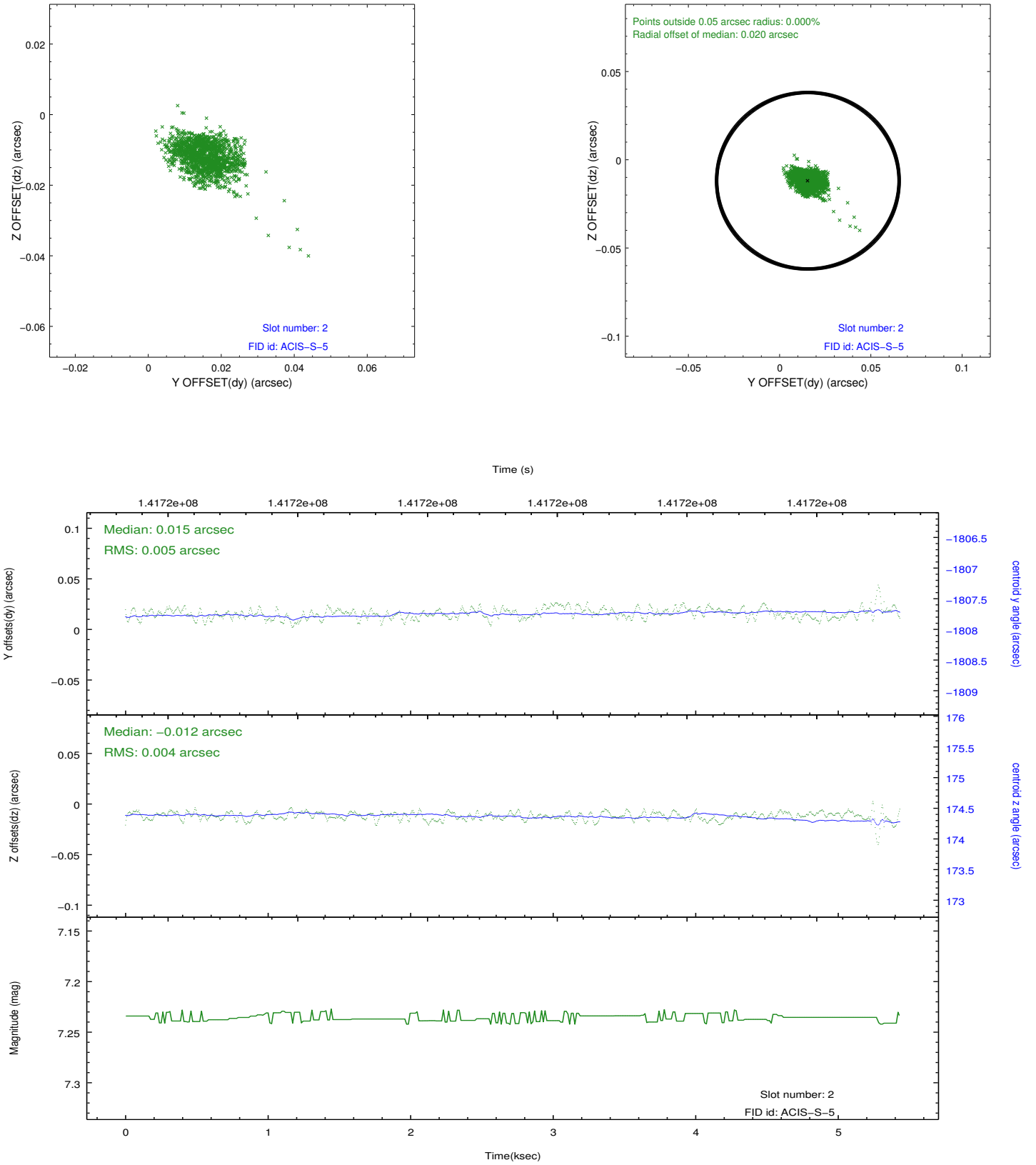
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.169

A.2 Comments

Joint Proposal: NOAO