

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2118 - L2 Version 4
Chandra X-Ray Center

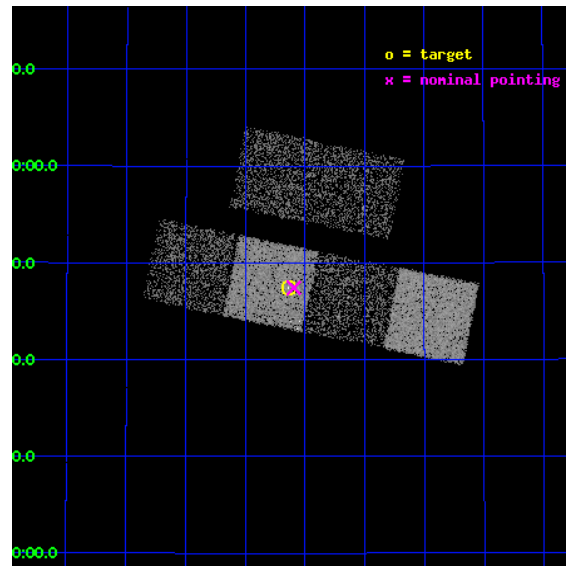
L2 Processing Date : Oct 4 2012

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1 Front

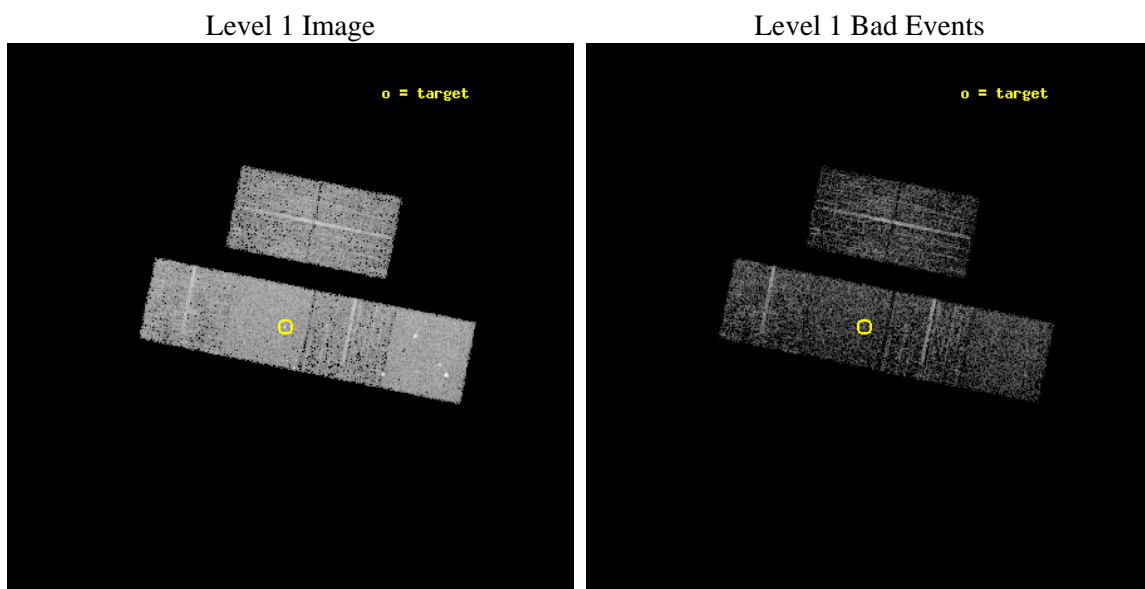
seq_num	700308	Sequence number
obs_id	2118	Observation id
title	UNDERSTANDING THE NATURE OF ROSAT BFS	Proposal title
observer	DR. ILARIA CAGNONI	Principal investigator
object	1WGA_J1220.6+3347	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.16	Observer's specified target RA [deg]
dec_targ	33.79075	Observer's specified target Dec [deg]
ra_nom	185.14842617574	Nominal RA [deg]
dec_nom	33.790438728305	Nominal Dec [deg]
roll_nom	191.36732843894	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3126.3999883533	Sum of GTIs [s]
livetime	3086.8116292087	Livetime [s]
ontime2	3126.3999883533	Sum of GTIs [s]
ontime3	3126.3999883533	Sum of GTIs [s]
ontime5	3126.3999883533	Sum of GTIs [s]
ontime6	3126.3999883533	Sum of GTIs [s]
ontime7	3126.3999883533	Sum of GTIs [s]
ontime8	3126.3999883533	Sum of GTIs [s]
l2events	32237	Number of level 2 events



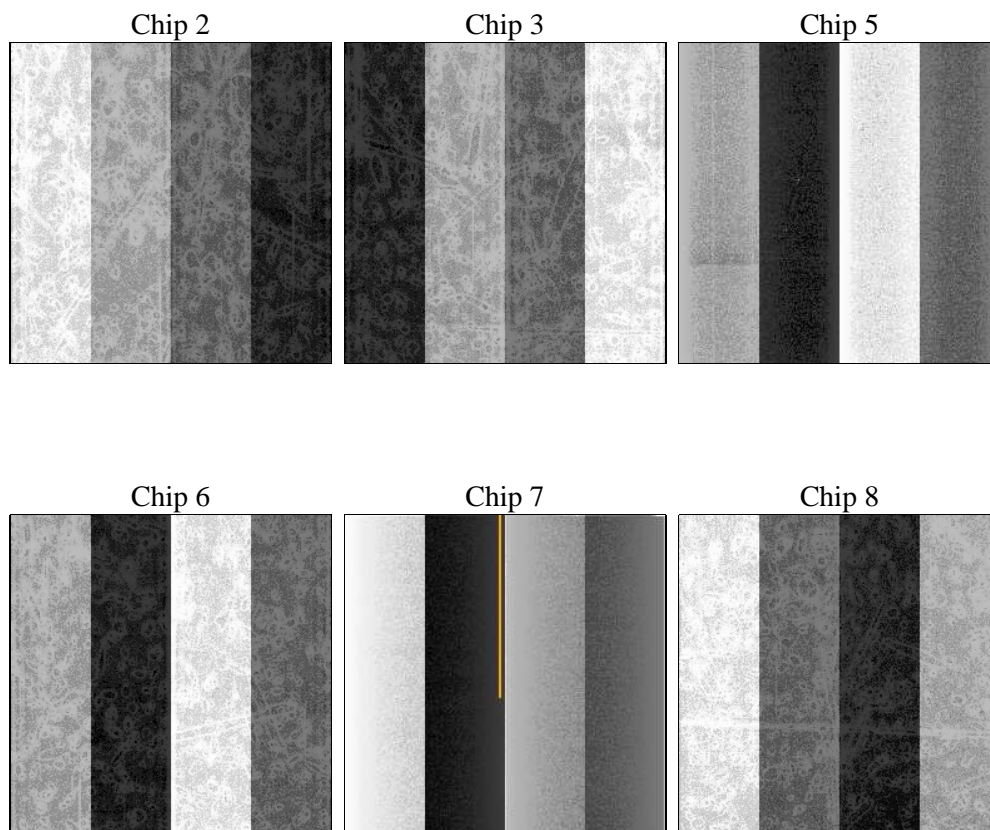
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	4	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3126.3999883533	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	3126.3999883533	Sum of GTIs [s]
date	2012-10-04T16:30:32	Date and time of file creation	ontime3	3126.3999883533	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	3126.3999883533	Sum of GTIs [s]
			ontime6	3126.3999883533	Sum of GTIs [s]
			ontime7	3126.3999883533	Sum of GTIs [s]
			ontime8	3126.3999883533	Sum of GTIs [s]
			l1events	224988	Number of level 1 events

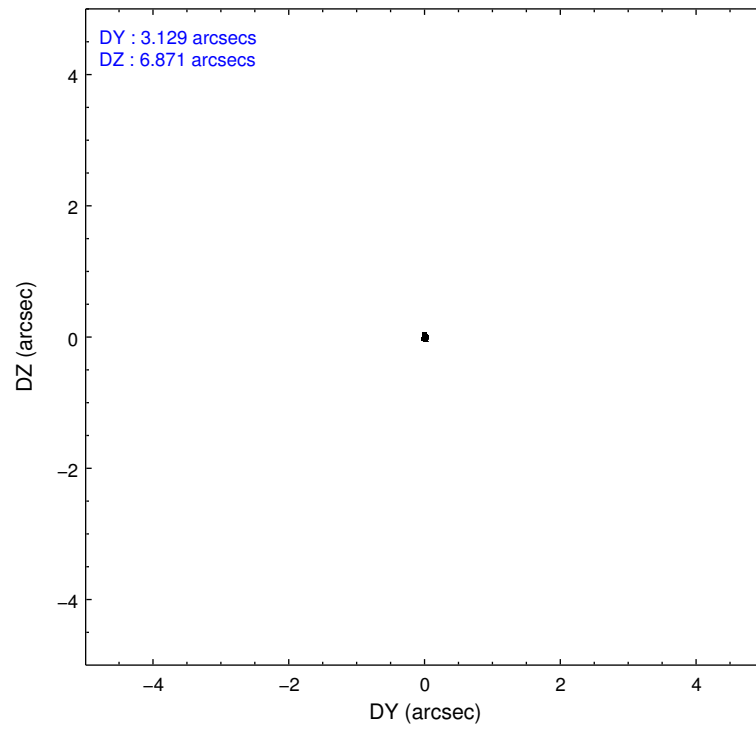
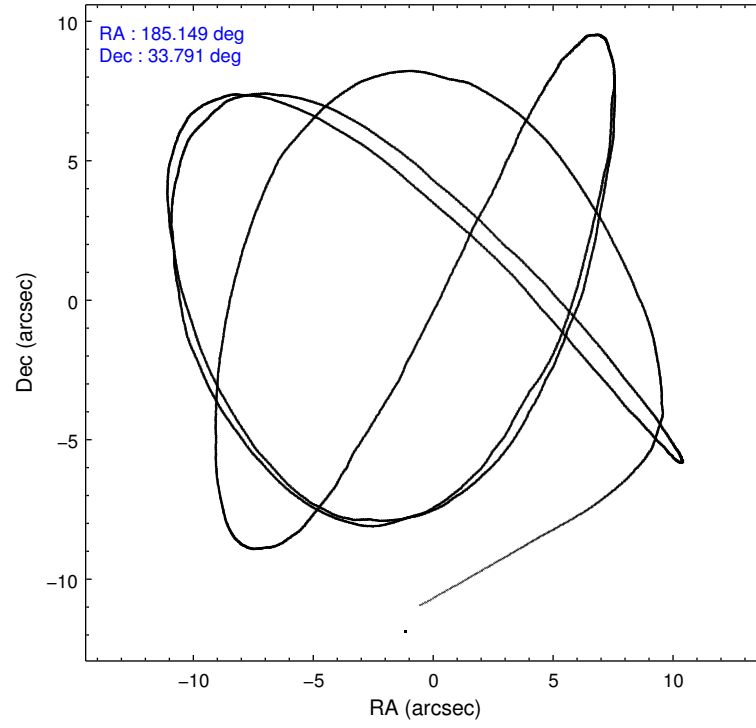
2.1.4 Events

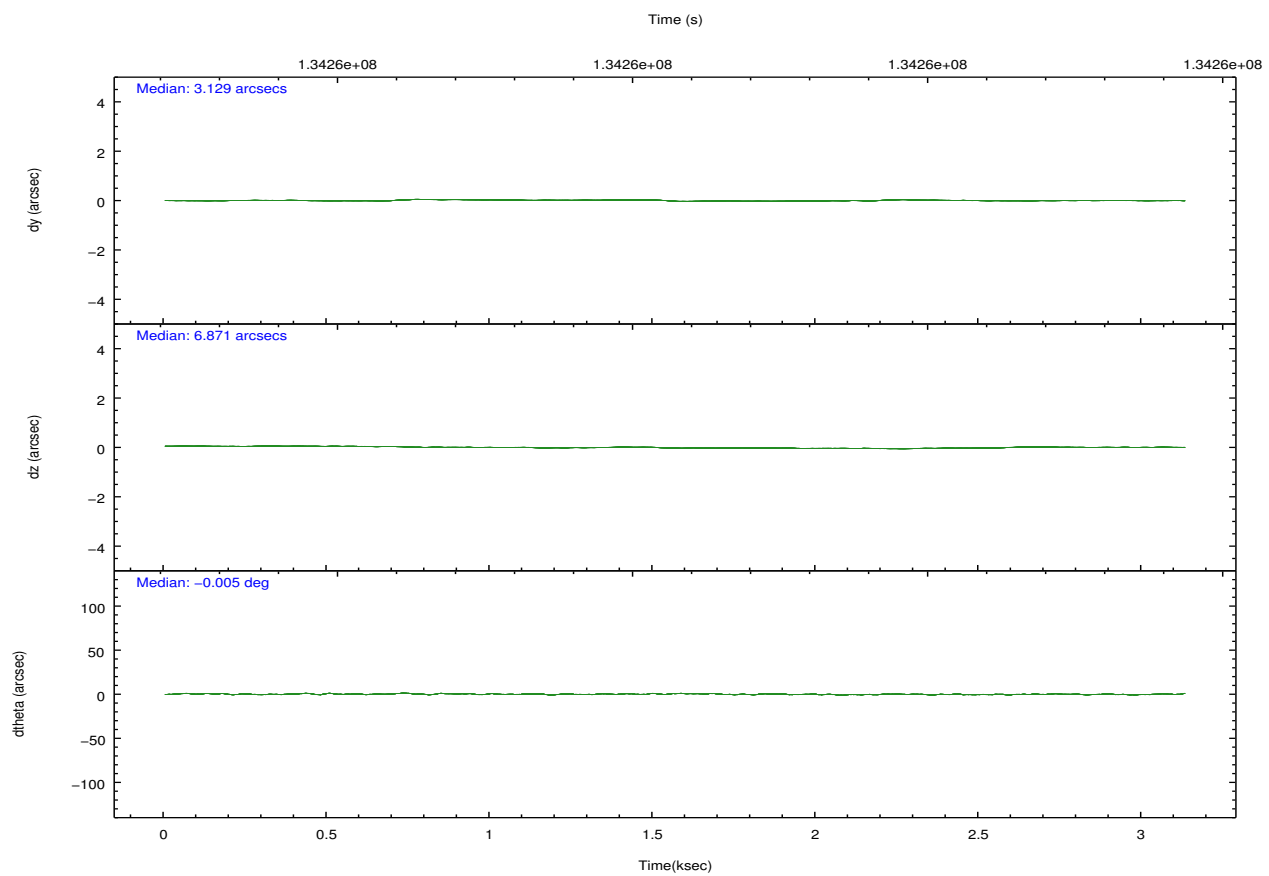
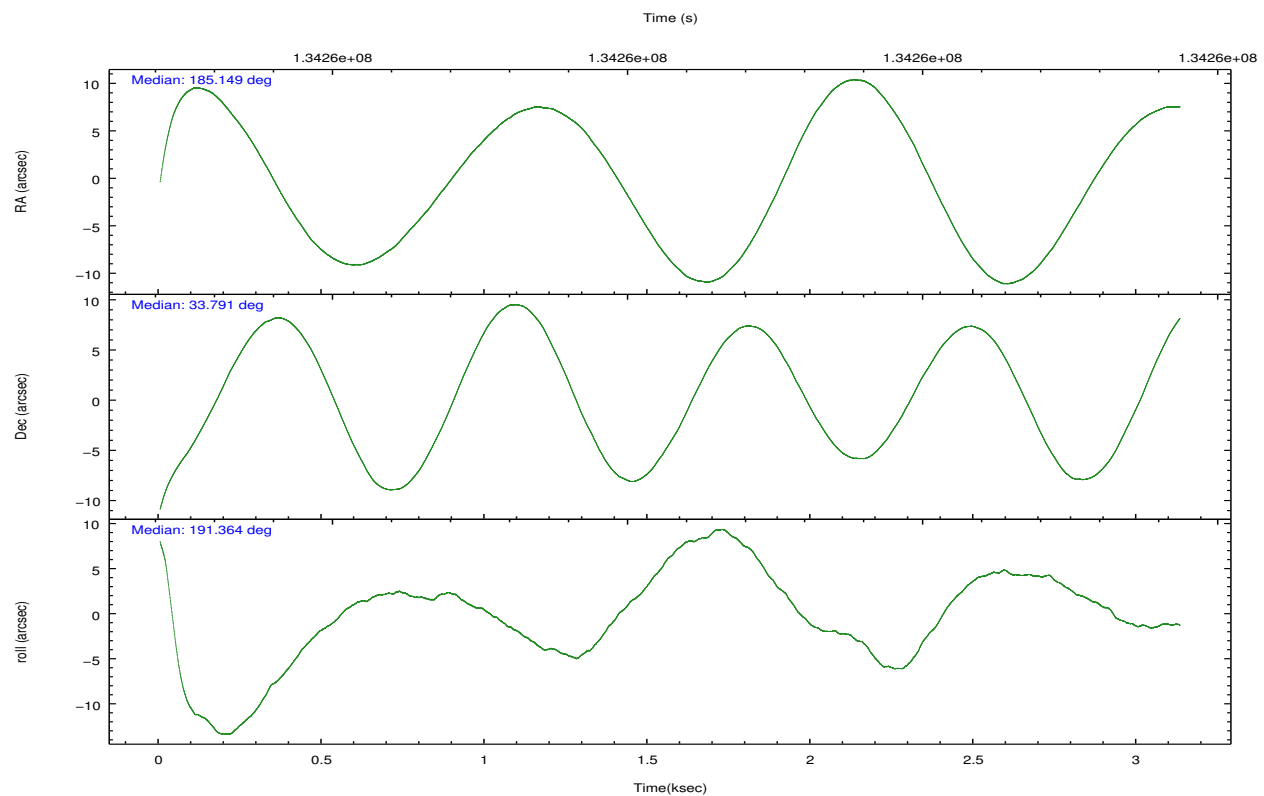
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	32409	30310	47705	32531	42908	39125	grade 0 events	1579	1518	3387	1508	1812	2632
rejected events	30046	27970	33212	30187	31221	34018		4%	5%	7%	4%	4%	6%
rejected %	92%	92%	69%	92%	72%	86%	grade 1 events	13	12	119	20	32	16
								0%	0%	0%	0%	0%	0%
							grade 2 events	819	766	6688	747	3612	1763
								2%	2%	14%	2%	8%	4%
							grade 3 events	347	368	903	384	1665	961
								1%	1%	1%	1%	3%	2%
							grade 4 events	365	351	852	332	1663	887
								1%	1%	1%	1%	3%	2%
							grade 5 events	1085	1229	3535	1343	4105	1730
								3%	4%	7%	4%	9%	4%
							grade 6 events	661	722	10875	708	9283	2024
								2%	2%	22%	2%	21%	5%
							grade 7 events	27540	25344	21346	27489	20736	29112
								84%	83%	44%	84%	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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	185.172660	185.1484261757397	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.808803	33.79043872830539	Alternating exposures requested	N	N
[deg] Pointing Roll	191.197167	191.3673284389407	[s] Primary exposure time	0.000000	3.2
[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)	134260711.184000	134258759.09849			
Observation start date	2002-04-03T22:37:27	2002-04-03T22:05:59			
[s] Observation end time (MET)	134263711.184000	134264119.8487			
Observation end date	2002-04-03T23:27:27	2002-04-03T23:35:19			
Read mode	TIMED	TIMED			

2.3 Aspect



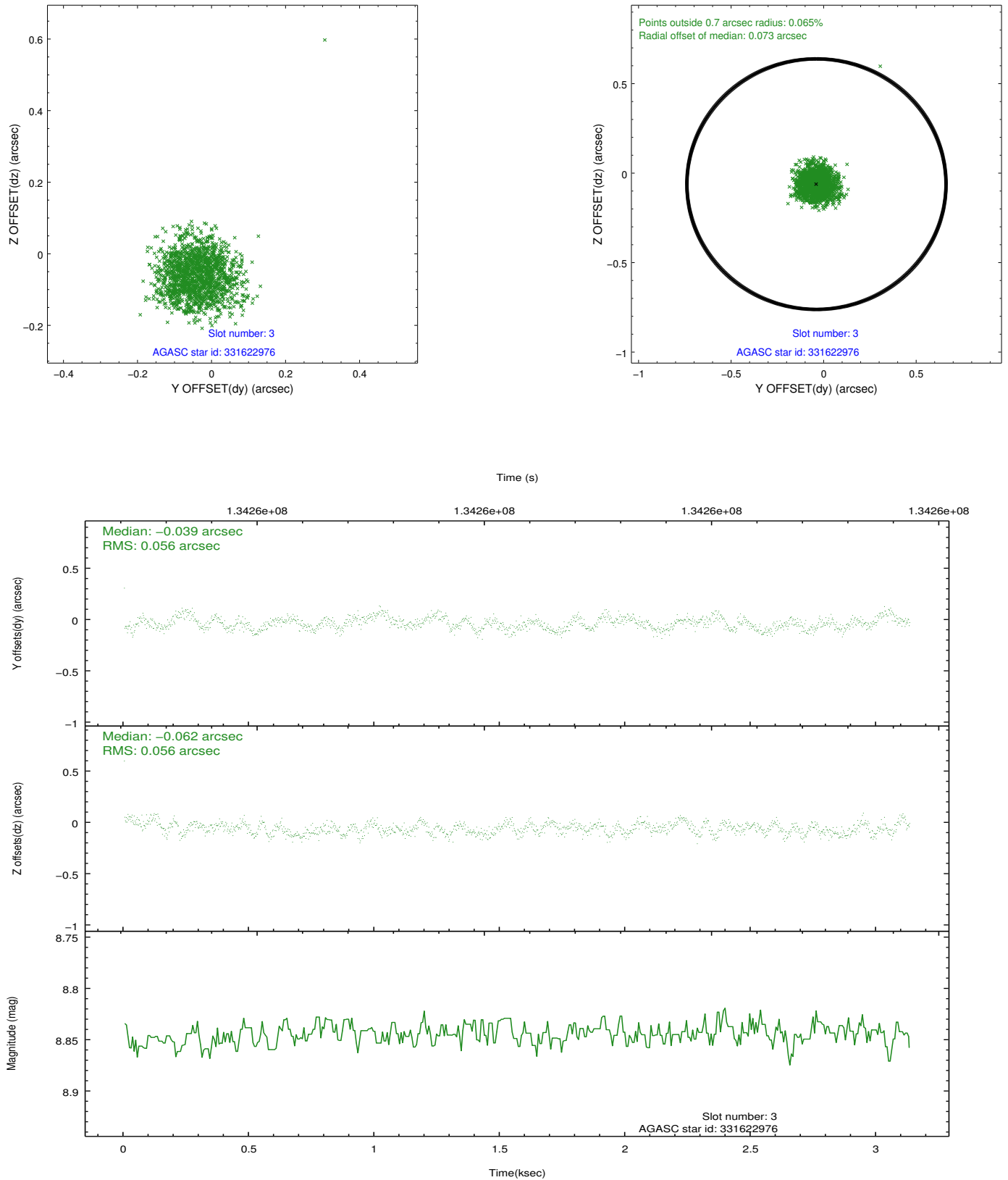


Slot Statistics

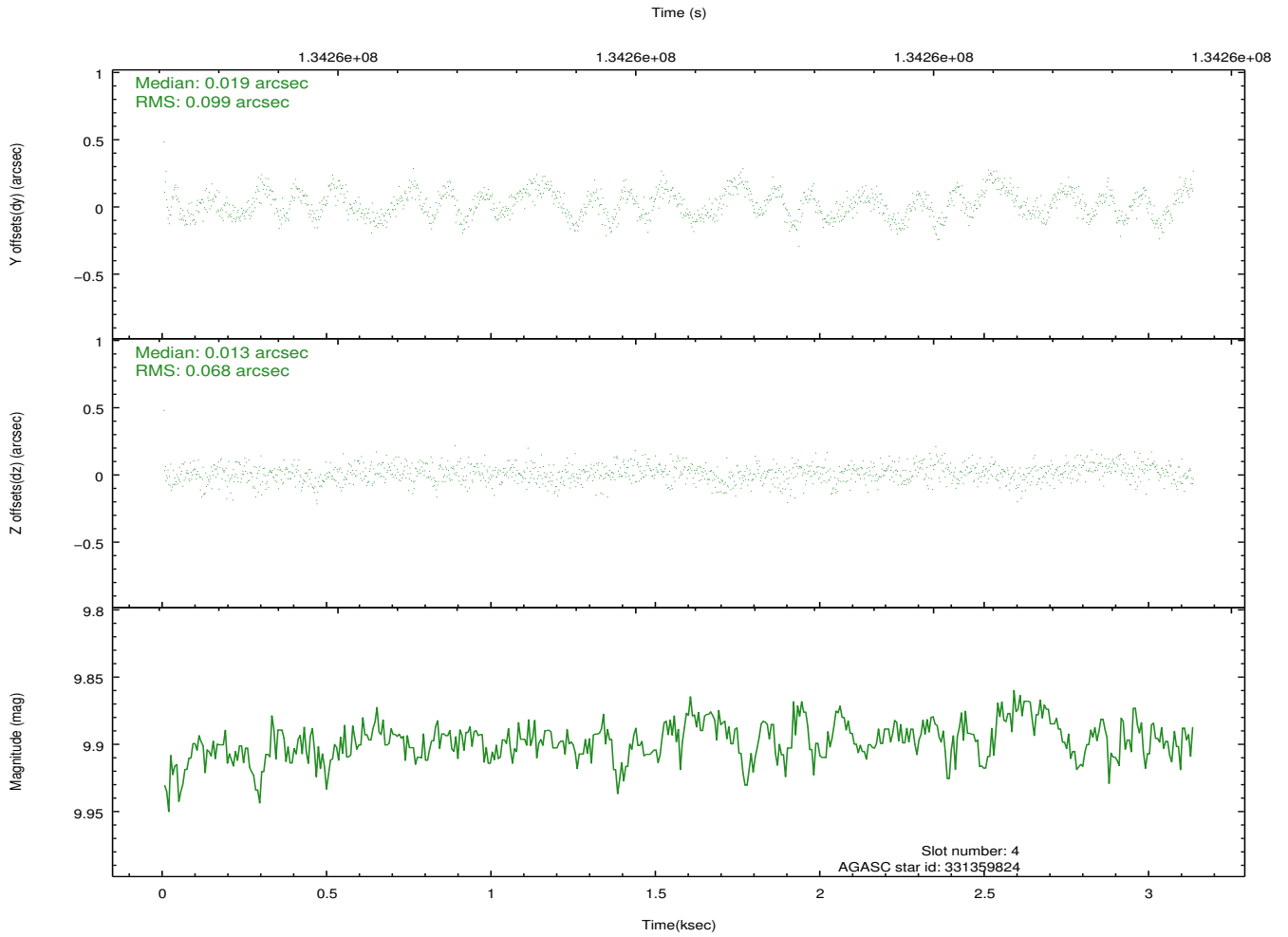
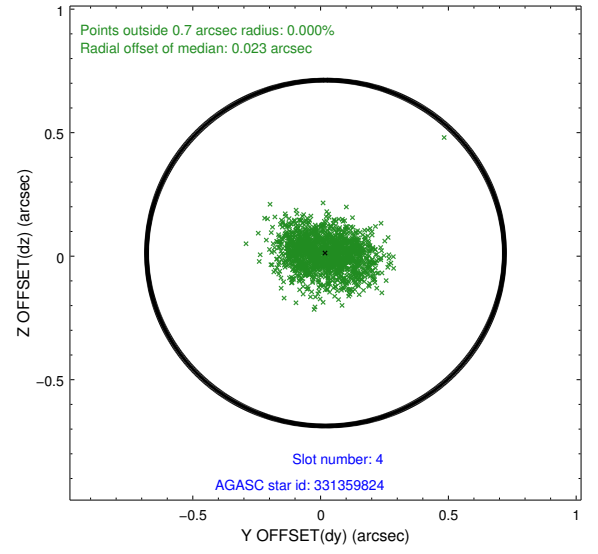
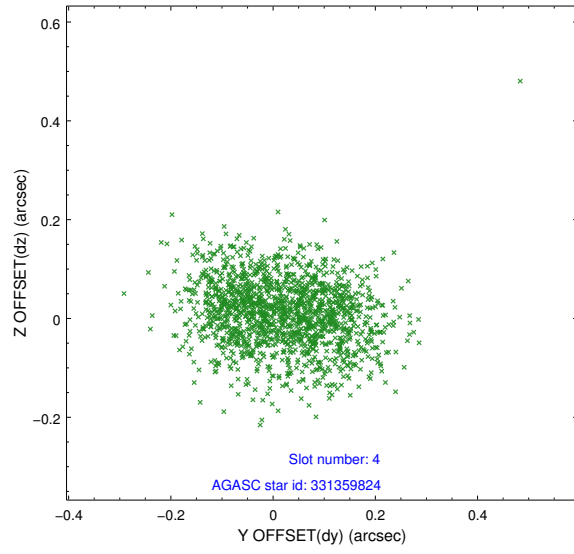
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	764	-0.018	0.012	0.007	0.012	0.000000	0.000000	-755.78	-1728.03
1	FID	ACIS-S-4	7.20	764	-0.024	0.006	0.006	0.011	0.000000	0.000000	2156.56	178.38
2	FID	ACIS-S-5	7.24	764	0.010	-0.008	0.007	0.012	0.000000	0.000000	-1805.99	174.31
3	GUIDE	331622976	8.84	1528	-0.039	-0.062	0.084	0.130	185.510535	34.255670	-1298.10	-1384.71
4	GUIDE	331359824	9.90	1527	0.019	0.013	0.129	0.201	185.748520	33.293976	-1341.34	2148.79
5	GUIDE	331495560	10.31	1527	0.016	0.045	0.145	0.240	184.463673	33.790131	2092.11	-351.73
6	GUIDE	331620888	9.91	1528	0.078	0.066	0.099	0.164	185.257034	34.001113	-379.30	-630.81
7	GUIDE	331617624	9.00	1526	-0.074	-0.060	0.091	0.142	185.131025	34.262865	-195.49	-1628.26

2.4 Star Slots

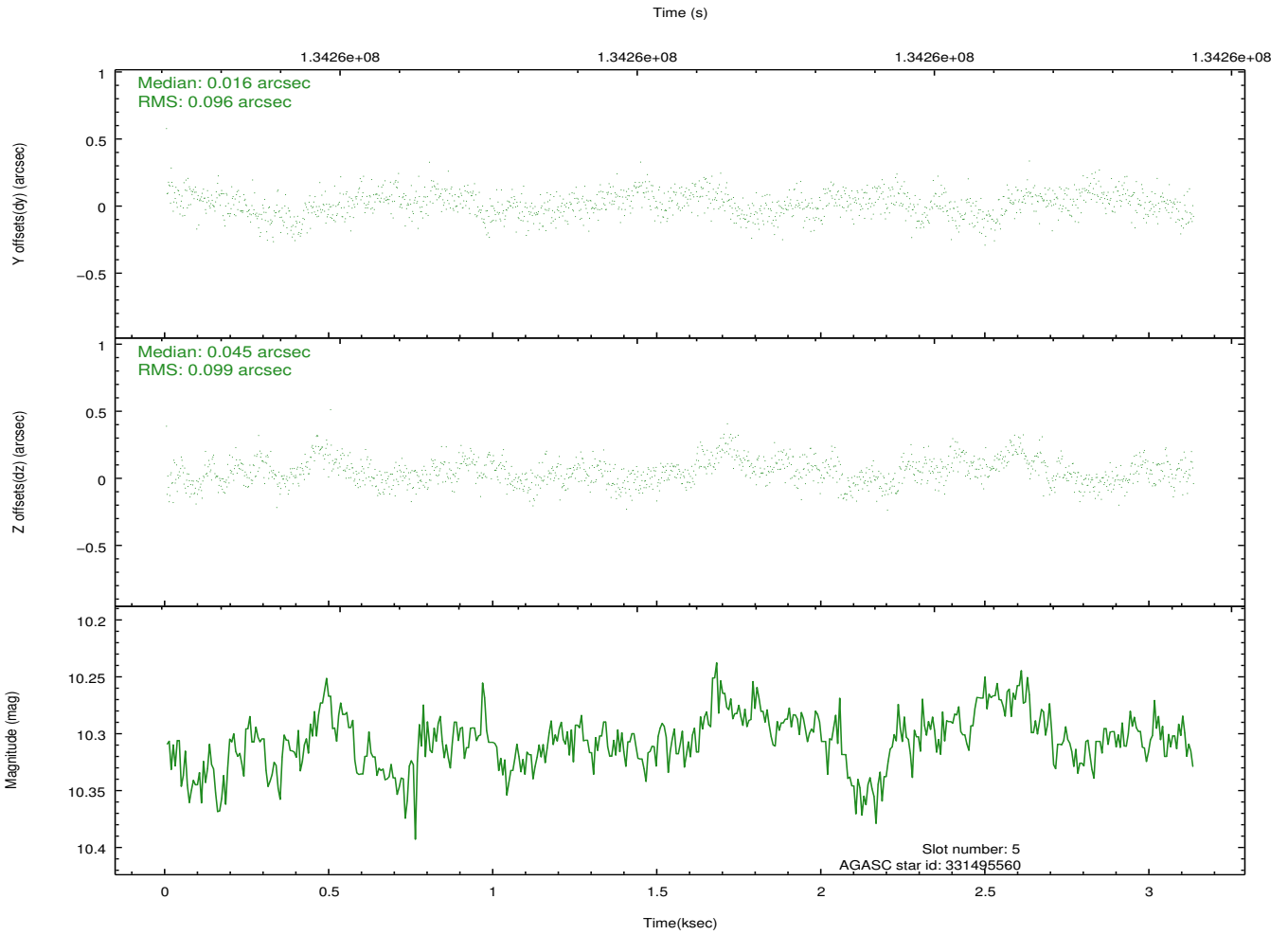
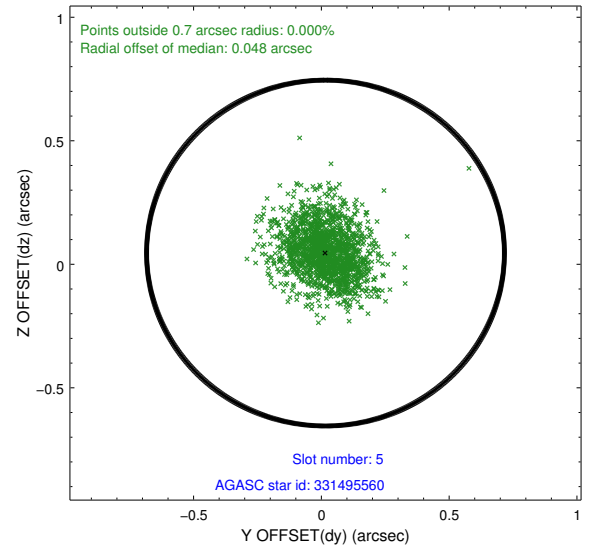
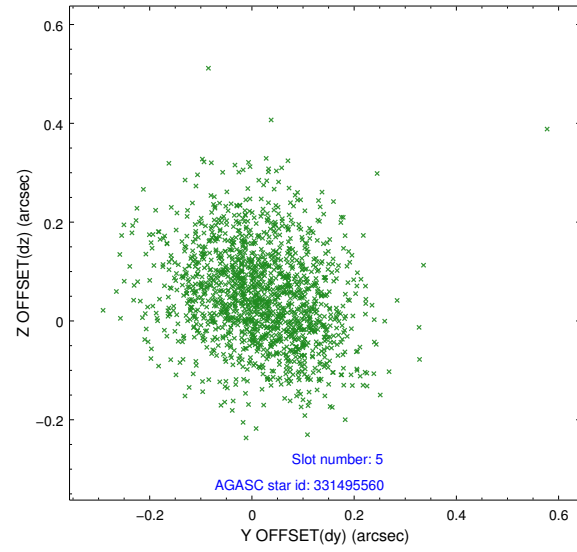
2.4.1 Slot 3



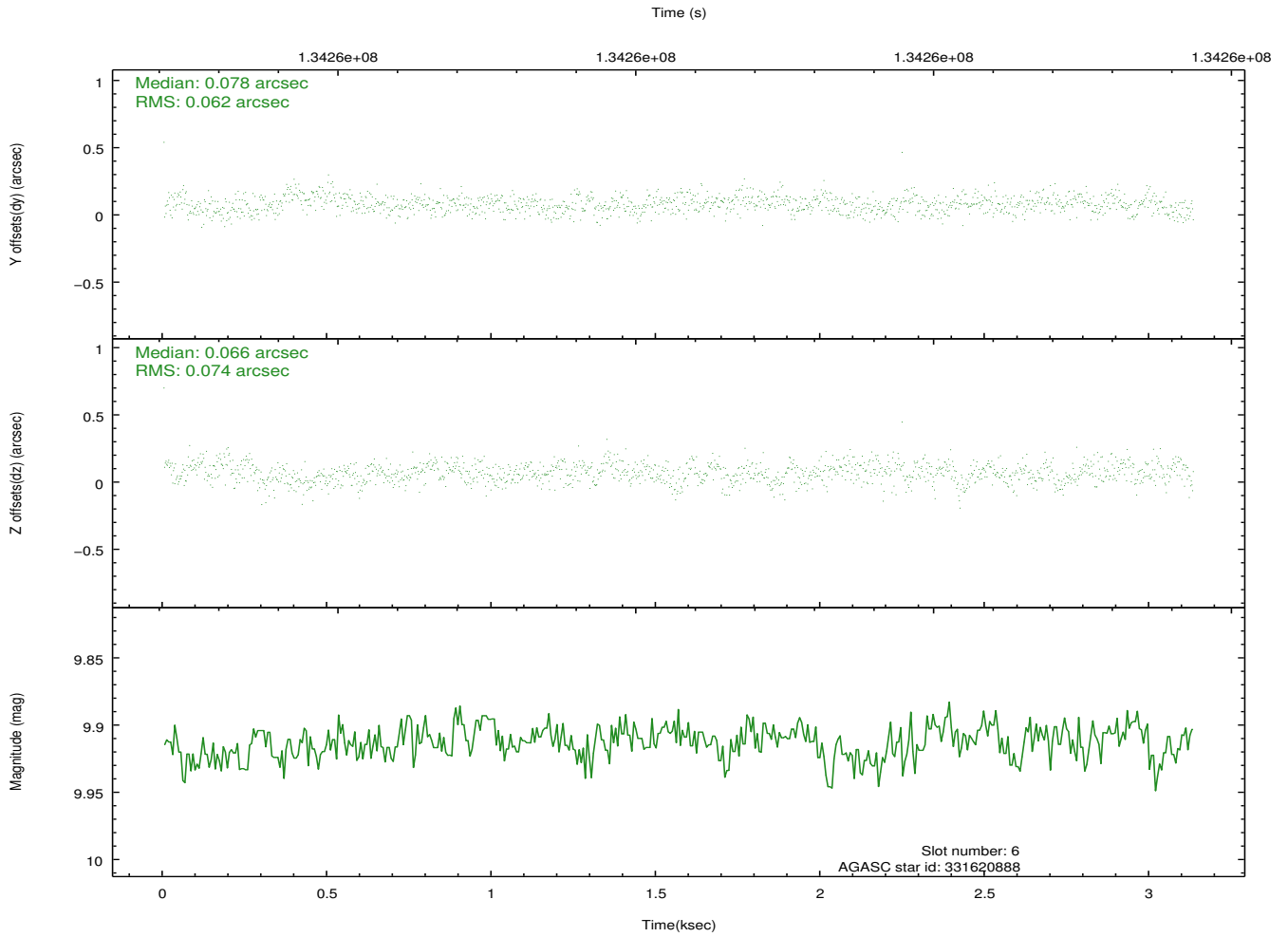
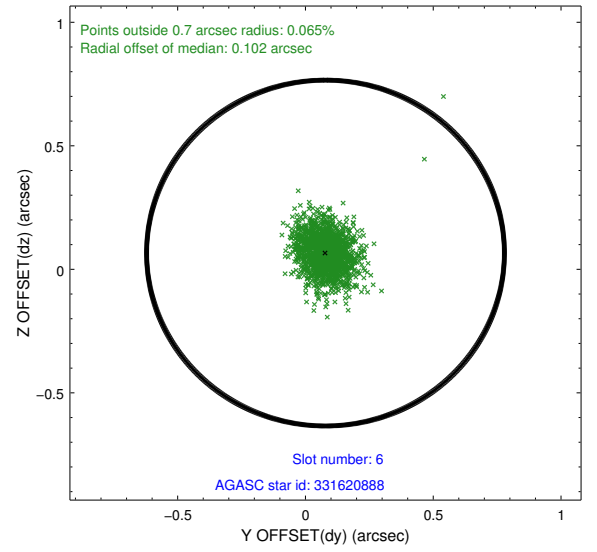
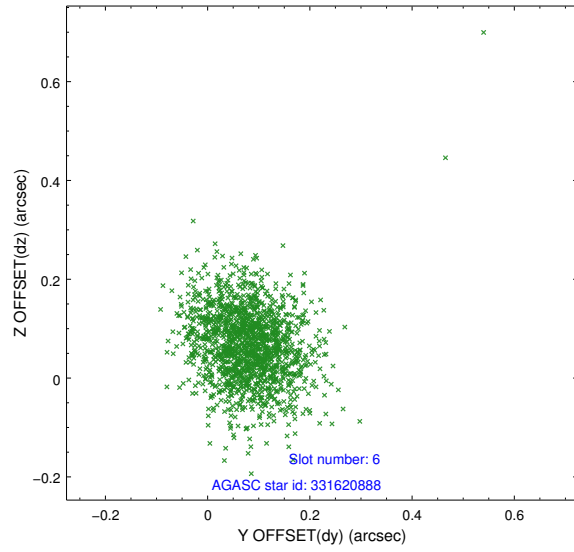
2.4.2 Slot 4



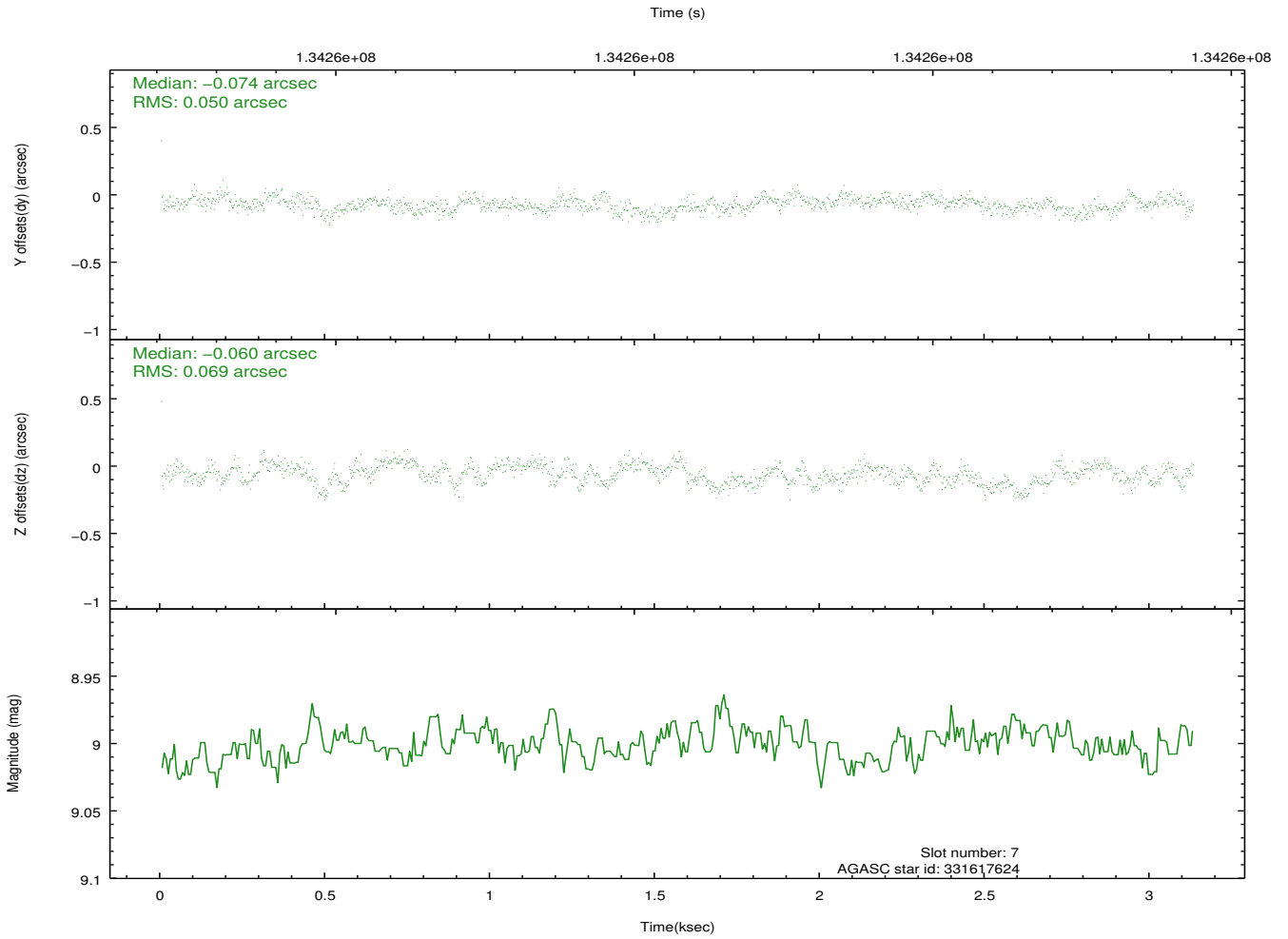
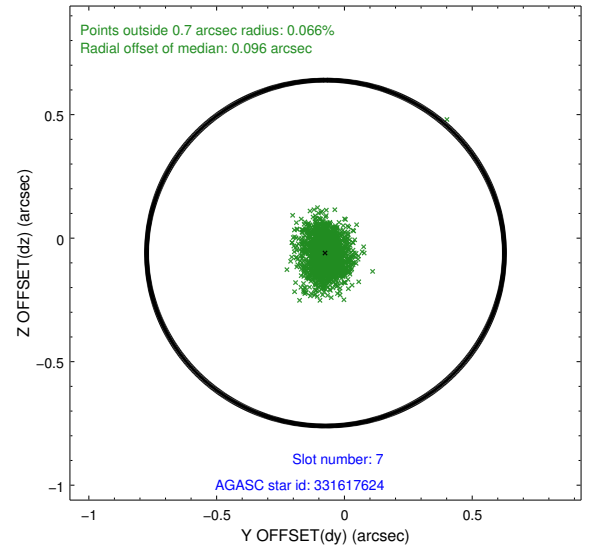
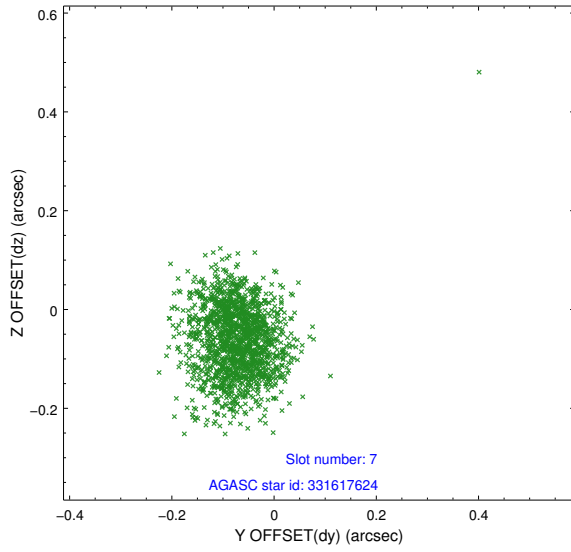
2.4.3 Slot 5



2.4.4 Slot 6

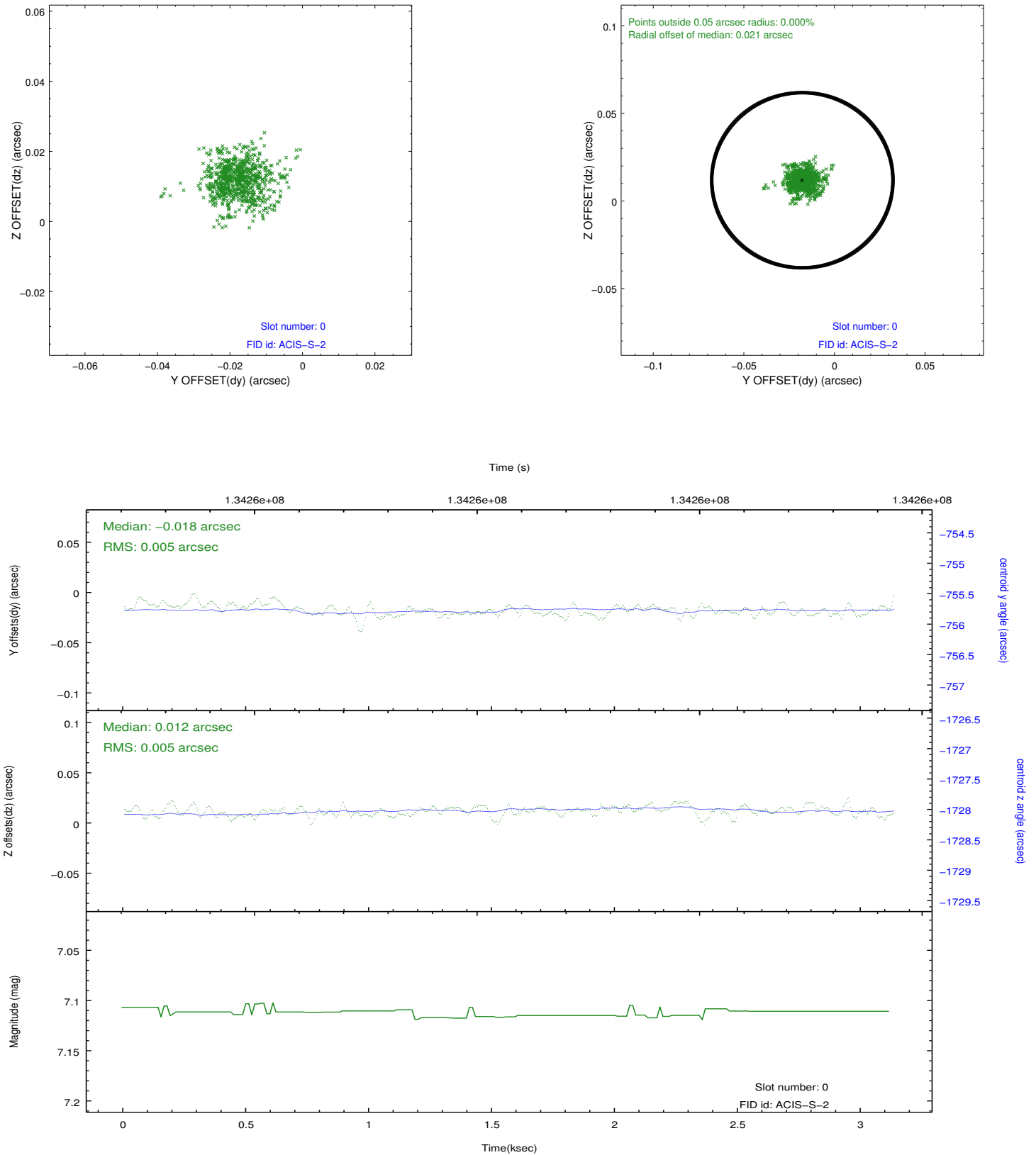


2.4.5 Slot 7

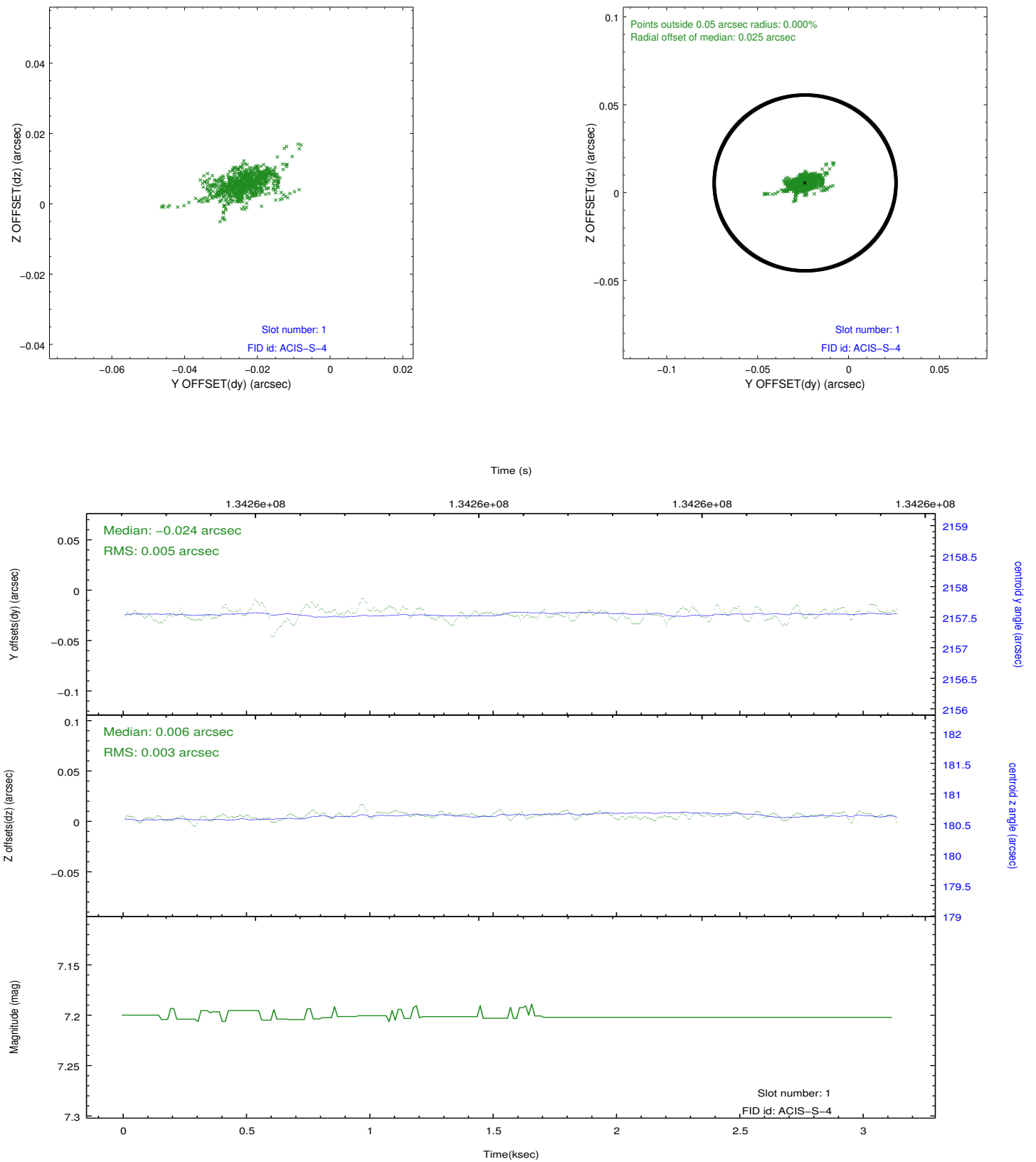


2.5 FID Slots

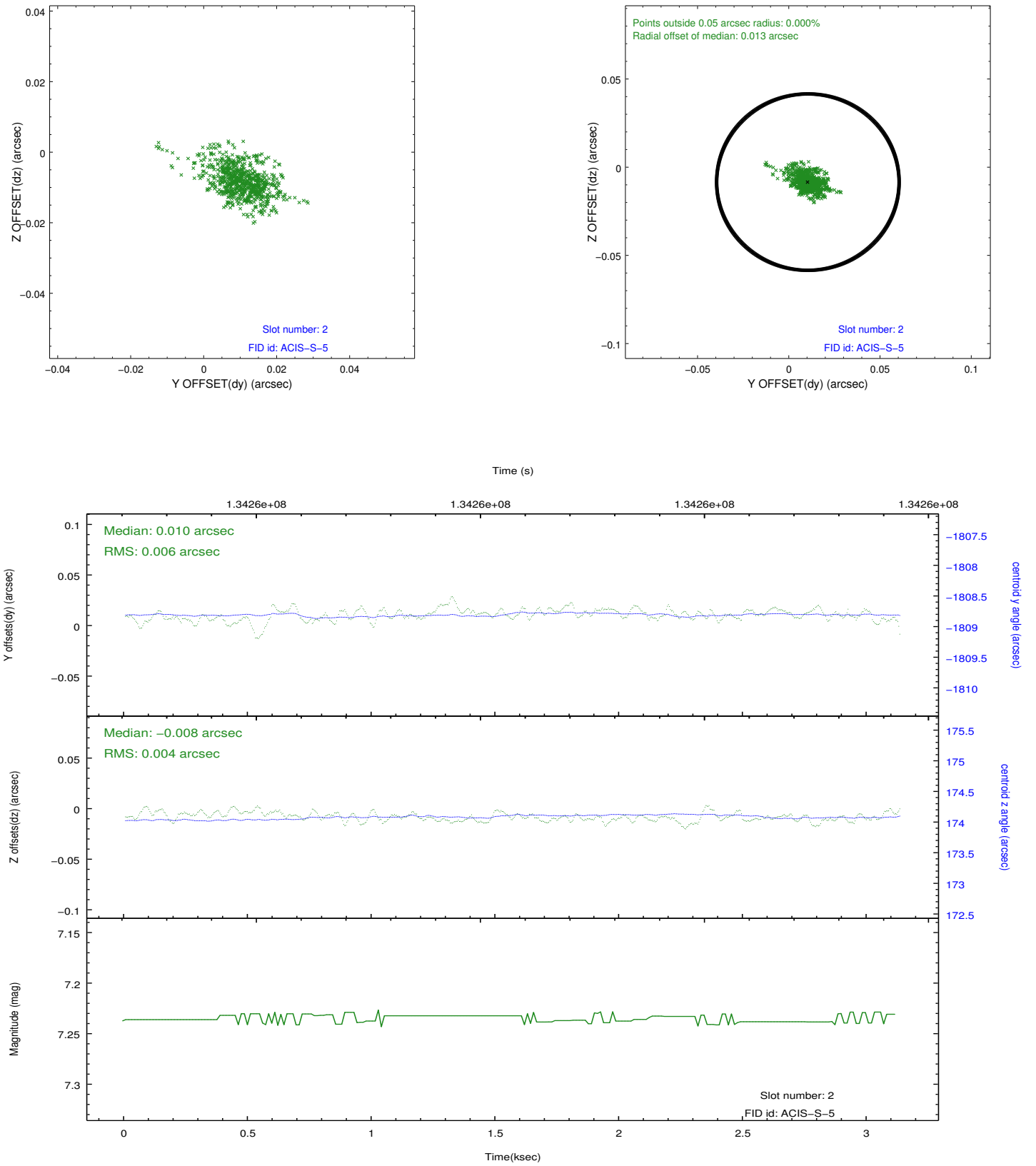
2.5.1 Slot 0



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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.126

A.2 Comments