

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5896 - L2 Version 3
Chandra X-Ray Center

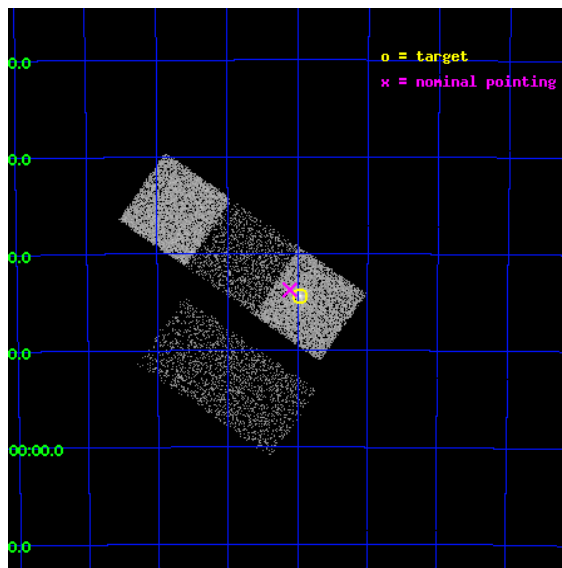
L2 Processing Date : Dec 23 2012

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1 Front

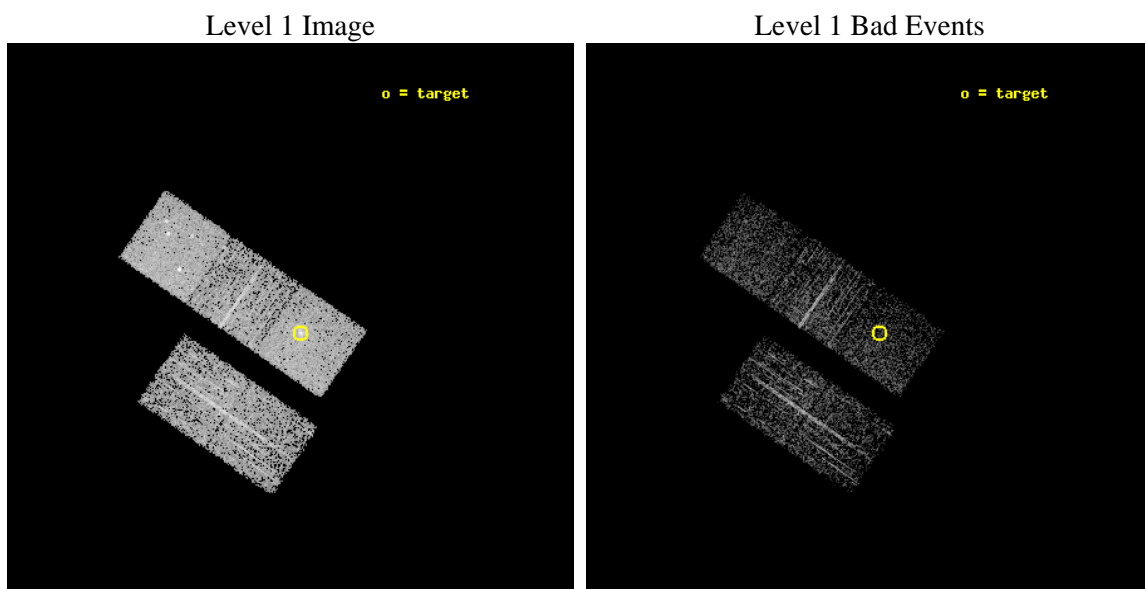
seq_num	600415	Sequence number
obs_id	5896	Observation id
title	Snapshot Observations of X-ray Bright Early-Type Galaxies	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NGC6407	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.240417	Observer's specified target RA [deg]
dec_targ	-60.739722	Observer's specified target Dec [deg]
ra_nom	266.27756335953	Nominal RA [deg]
dec_nom	-60.72931494304	Nominal Dec [deg]
roll_nom	34.64288632552	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2176.199995786	Sum of GTIs [s]
livetime	2147.7663407459	Livetime [s]
ontime2	2176.199995786	Sum of GTIs [s]
ontime3	2176.199995786	Sum of GTIs [s]
ontime5	2176.199995786	Sum of GTIs [s]
ontime6	2176.199995786	Sum of GTIs [s]
ontime7	2176.199995786	Sum of GTIs [s]
l2events	20520	Number of level 2 events



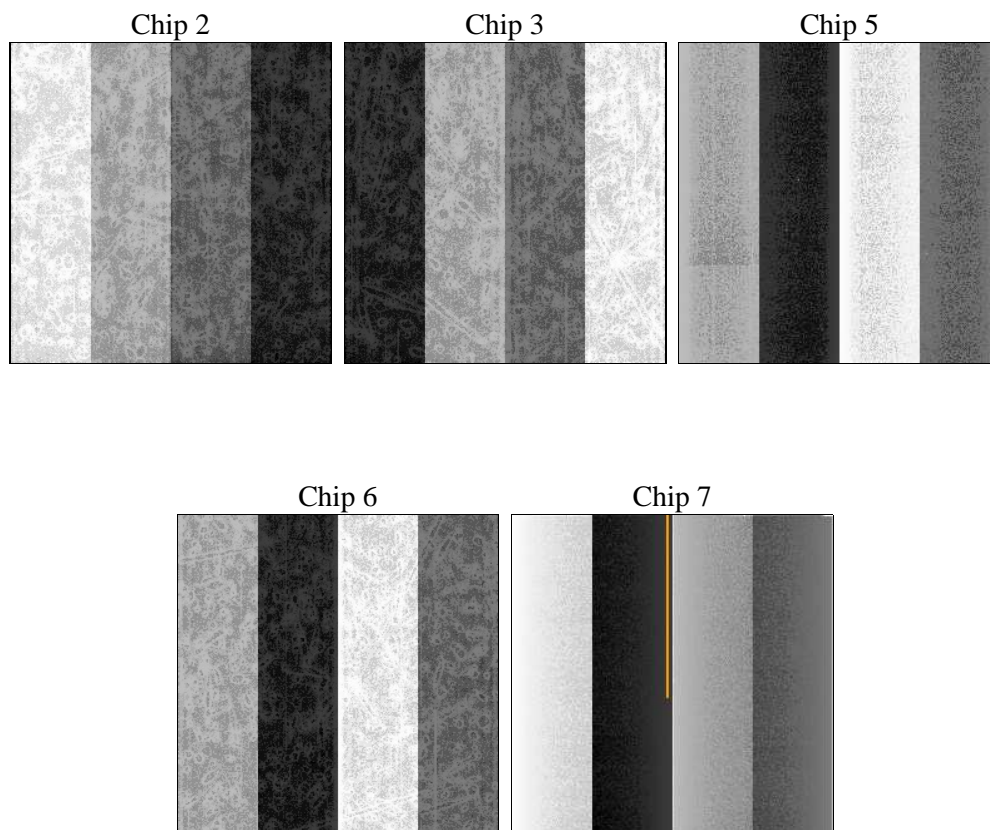
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	2176.199995786	Sum of GTIs [s]
caldsver	4.5.5	 	ontime2	2176.199995786	Sum of GTIs [s]
date	2012-12-23T17:42:07	Date and time of file creation	ontime3	2176.199995786	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	2176.199995786	Sum of GTIs [s]
			ontime6	2176.199995786	Sum of GTIs [s]
			ontime7	2176.199995786	Sum of GTIs [s]
			l1events	118008	Number of level 1 events

2.1.4 Events

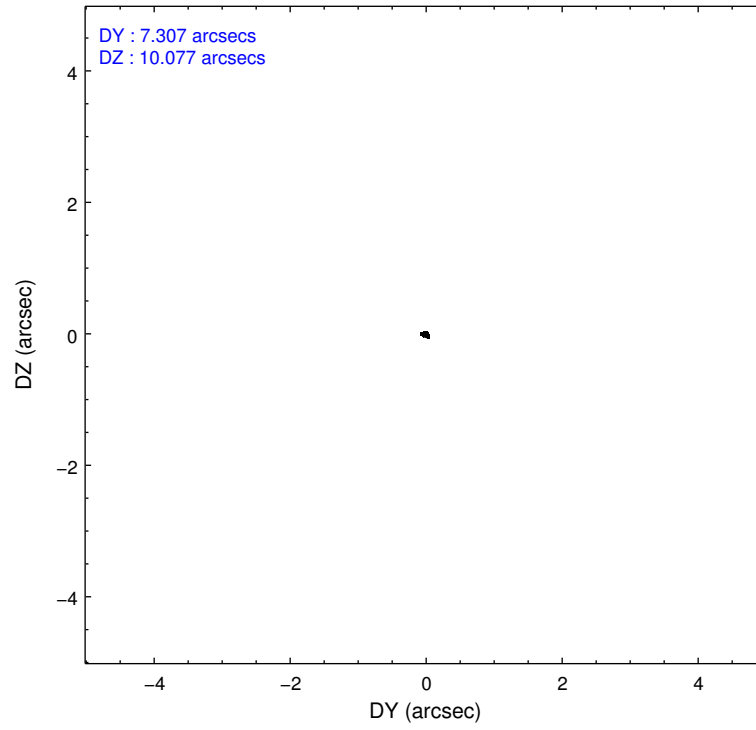
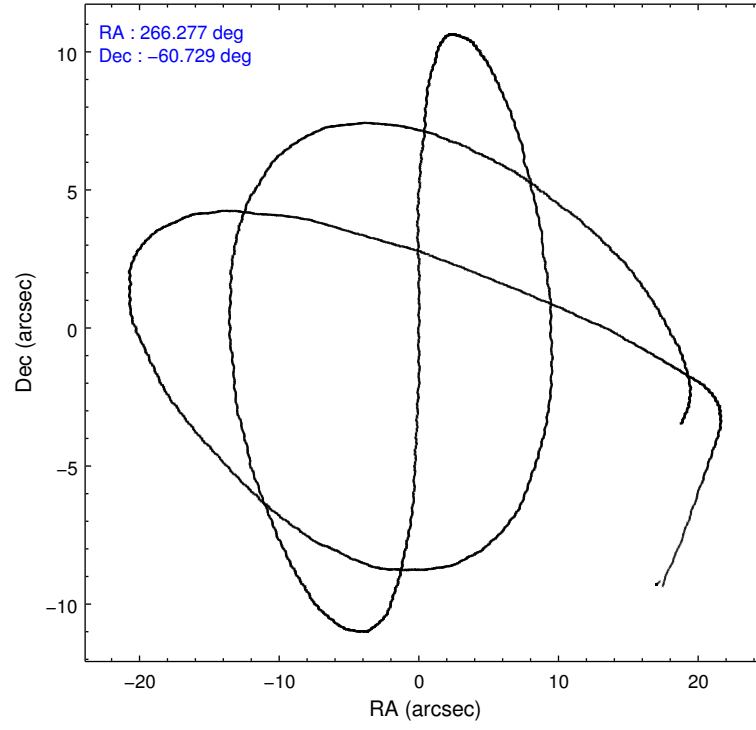
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	21105	19408	30176	21511	25808
rejected events	19673	18118	20629	19861	17309
rejected %	93%	93%	68%	92%	67%

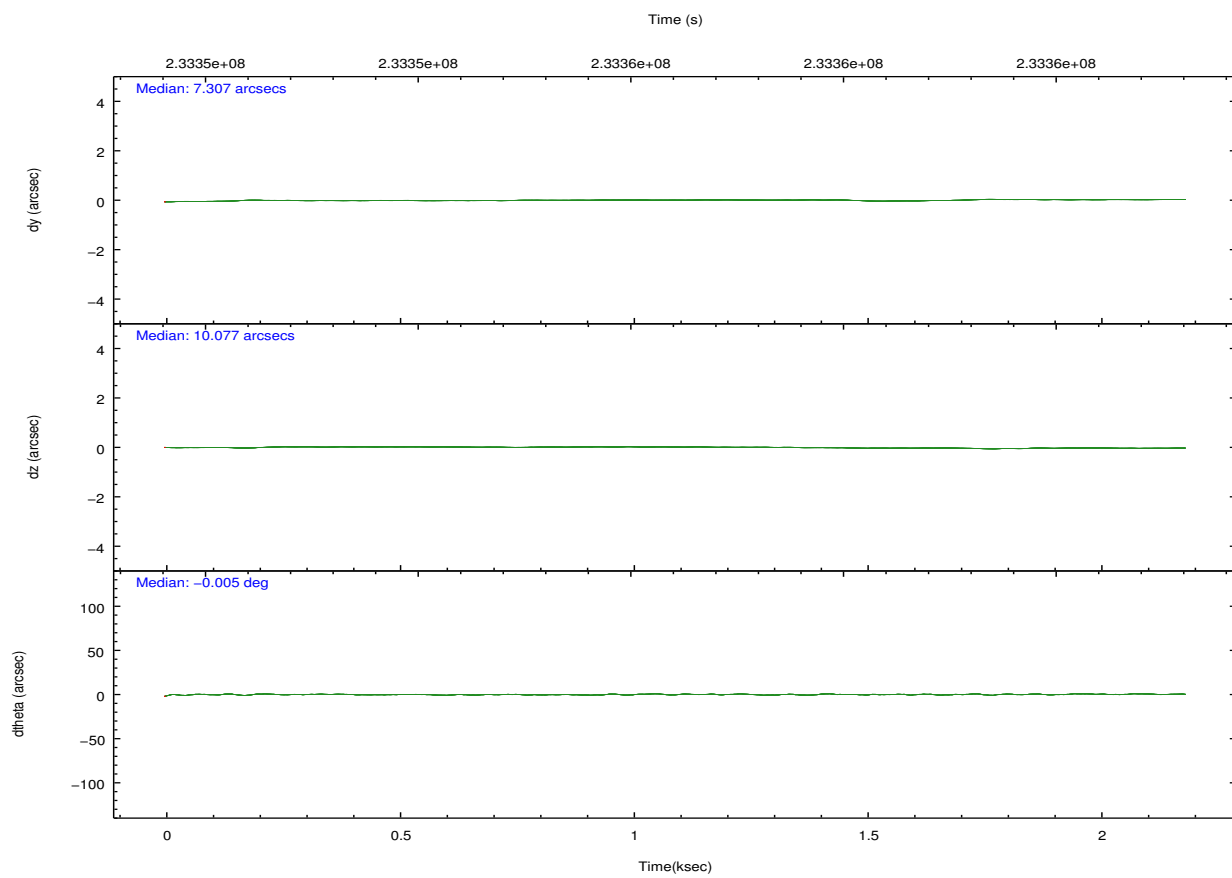
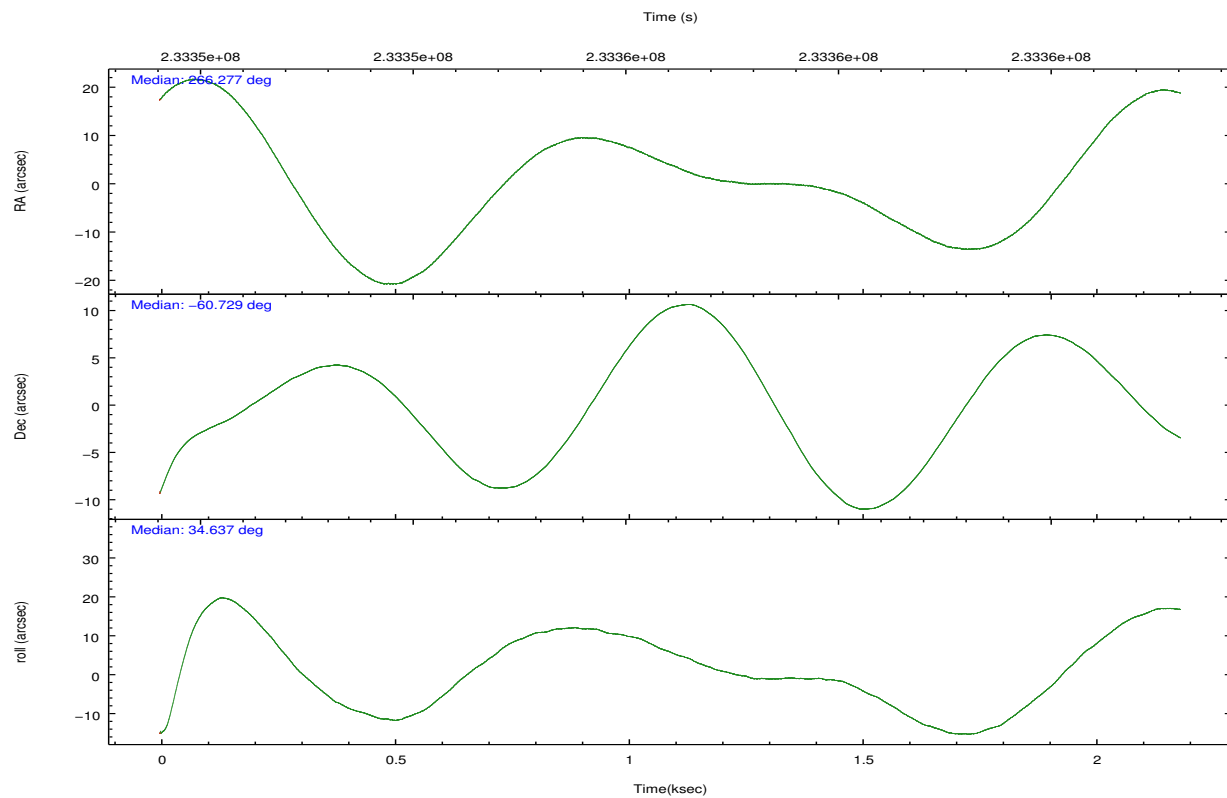
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	844	850	2408	1033	1597
	3%	4%	7%	4%	6%
grade 1 events	4	12	32	13	20
	0%	0%	0%	0%	0%
grade 2 events	499	377	4245	497	2712
	2%	1%	14%	2%	10%
grade 3 events	233	211	651	250	1192
	1%	1%	2%	1%	4%
grade 4 events	234	233	649	246	1199
	1%	1%	2%	1%	4%
grade 5 events	733	858	2446	867	2648
	3%	4%	8%	4%	10%
grade 6 events	385	389	7356	487	5808
	1%	2%	24%	2%	22%
grade 7 events	18173	16478	12389	18118	10632
	86%	84%	41%	84%	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23567	ACIS-23567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	266.254060	266.2775633595332	Subarray requested	NONE	NONE
[deg] Pointing Dec	-60.754157	-60.72931494303967	Alternating exposures requested	N	N
[deg] Pointing Roll	34.465942	34.64288632552013	[s] Primary exposure time	0.000000	3.1
[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)	233354196.184000	233352575.62542			
Observation start date	2005-05-24T20:35:32	2005-05-24T20:09:35			
[s] Observation end time (MET)	233356196.184000	233356947.25062			
Observation end date	2005-05-24T21:08:52	2005-05-24T21:22:27			
Read mode	TIMED	TIMED			

2.3 Aspect



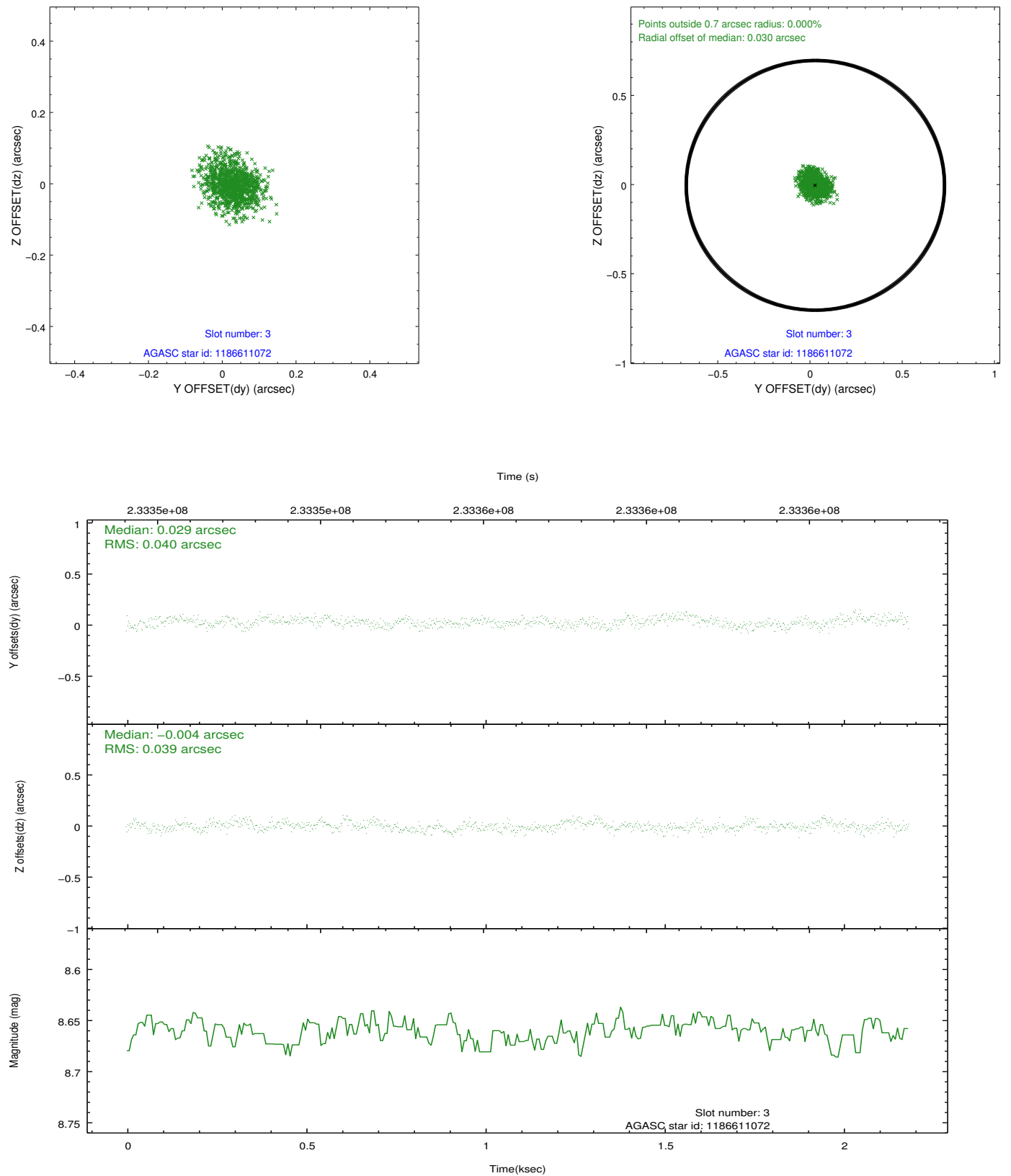


Slot Statistics

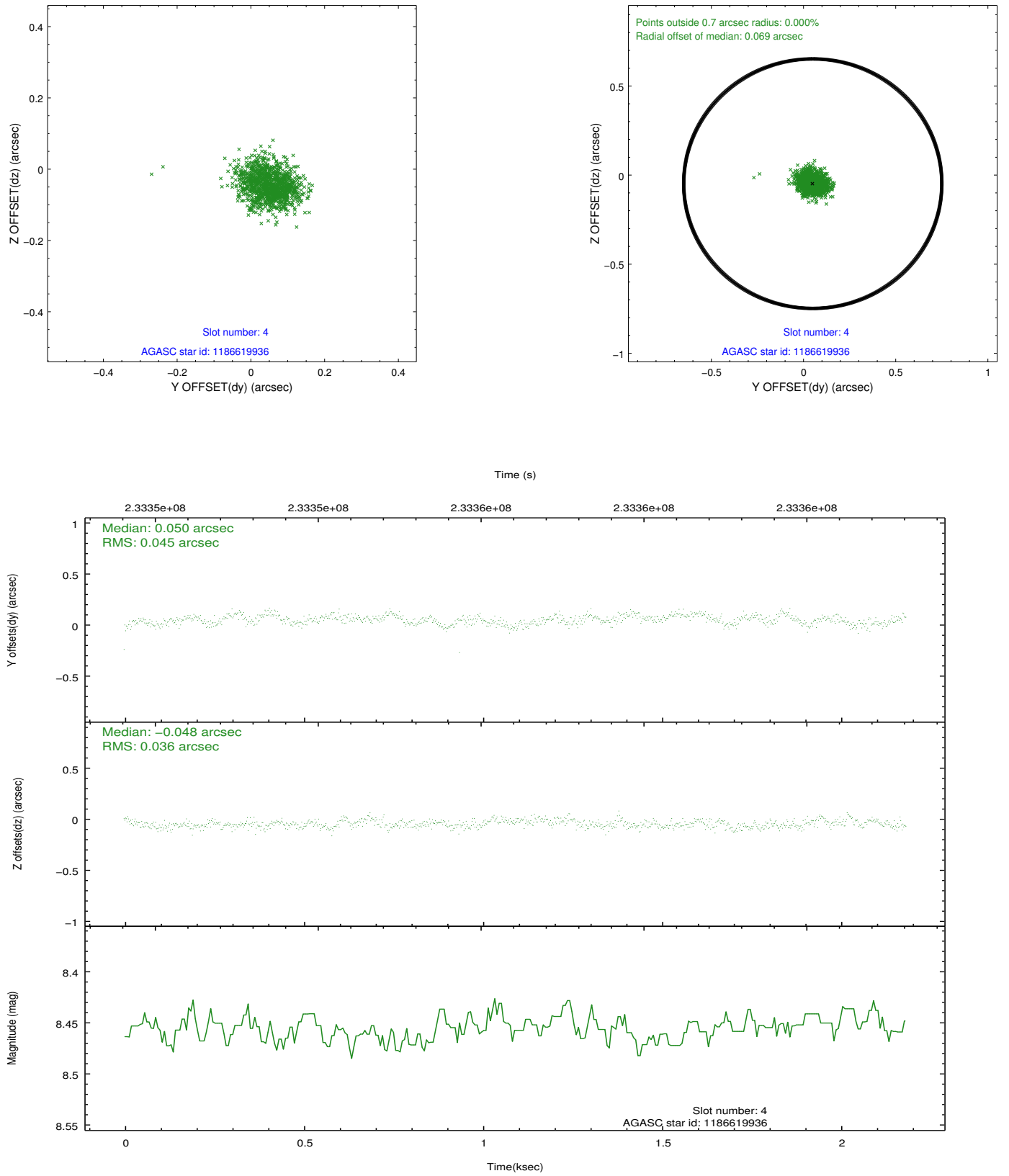
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	533	-0.052	-0.028	0.006	0.012	0.000000	0.000000	-760.07	-1731.36
1	FID	ACIS-S-4	7.21	532	0.110	0.033	0.005	0.009	0.000000	0.000000	2151.96	174.15
2	FID	ACIS-S-5	7.23	533	-0.089	0.005	0.006	0.010	0.000000	0.000000	-1809.16	171.11
3	GUIDE	1186611072	8.66	1064	0.029	-0.004	0.060	0.099	265.701291	-60.625646	-545.68	930.48
4	GUIDE	1186619936	8.46	1066	0.050	-0.048	0.060	0.096	265.445635	-60.432709	-535.15	1760.36
5	GUIDE	1186731440	7.32	1066	-0.078	-0.067	0.055	0.089	266.808716	-60.257515	1824.81	911.56
6	GUIDE	1186743184	9.29	1064	0.024	0.022	0.082	0.135	266.444910	-61.069820	-367.83	-1124.46
7	GUIDE	1186733824	8.38	1065	-0.025	0.099	0.055	0.090	267.092534	-60.660716	1403.56	-568.19

2.4 Star Slots

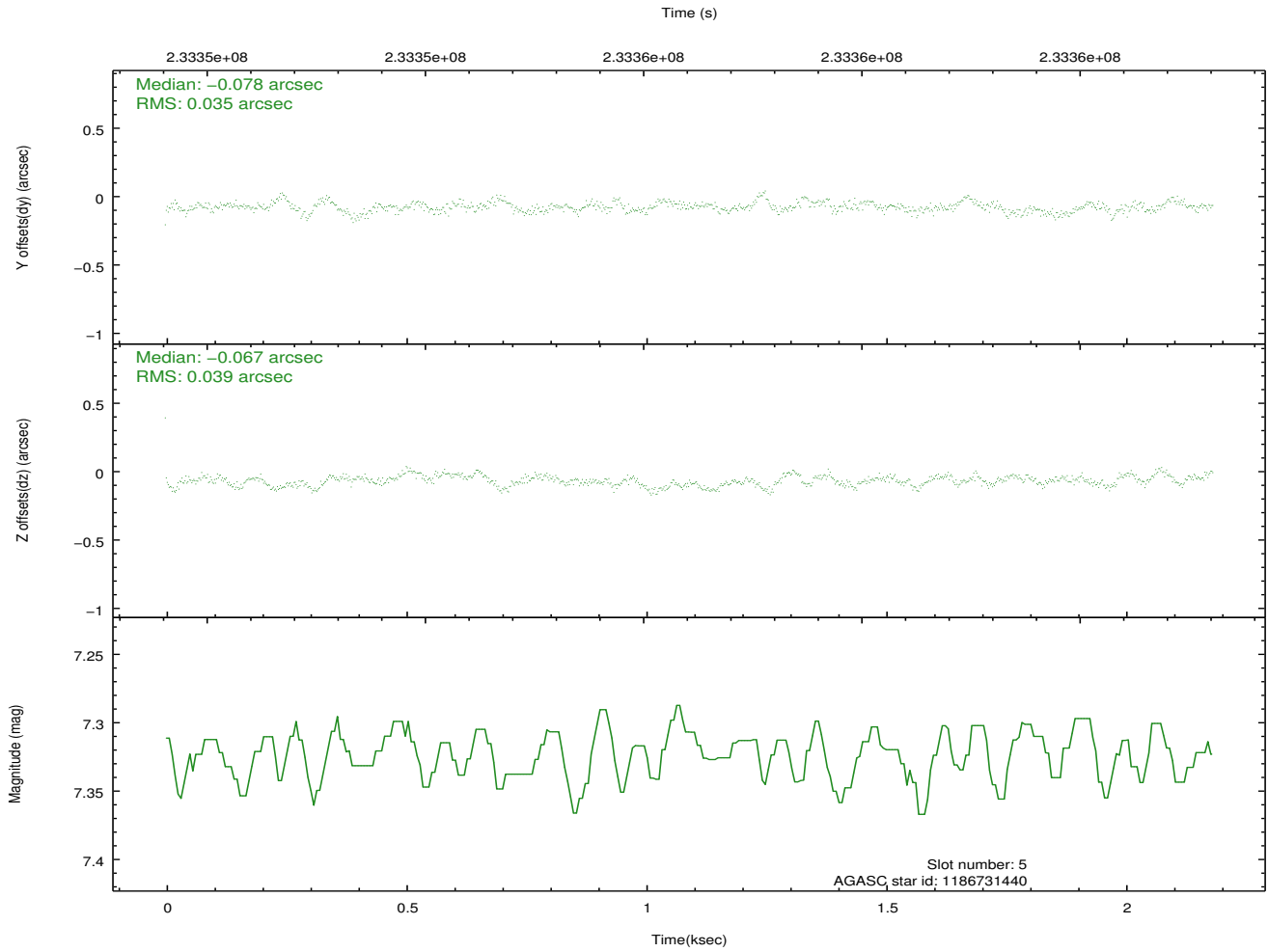
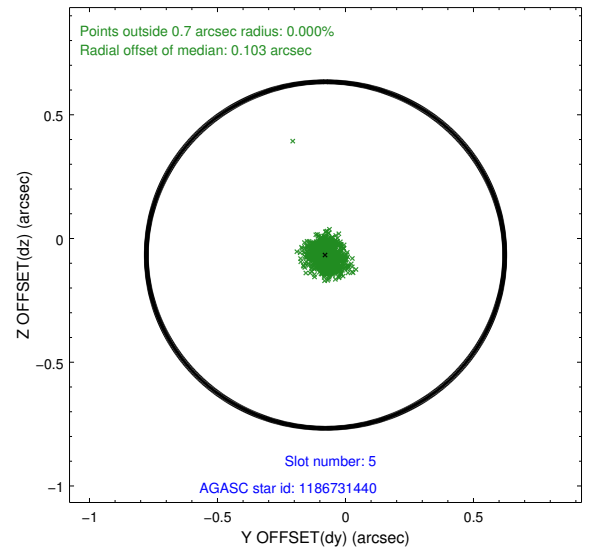
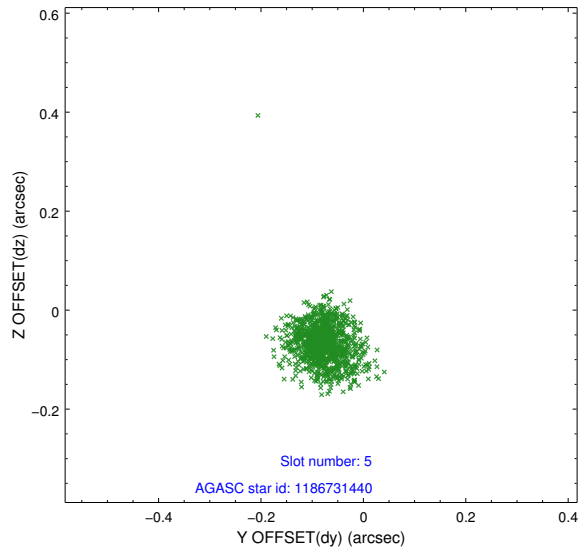
2.4.1 Slot 3



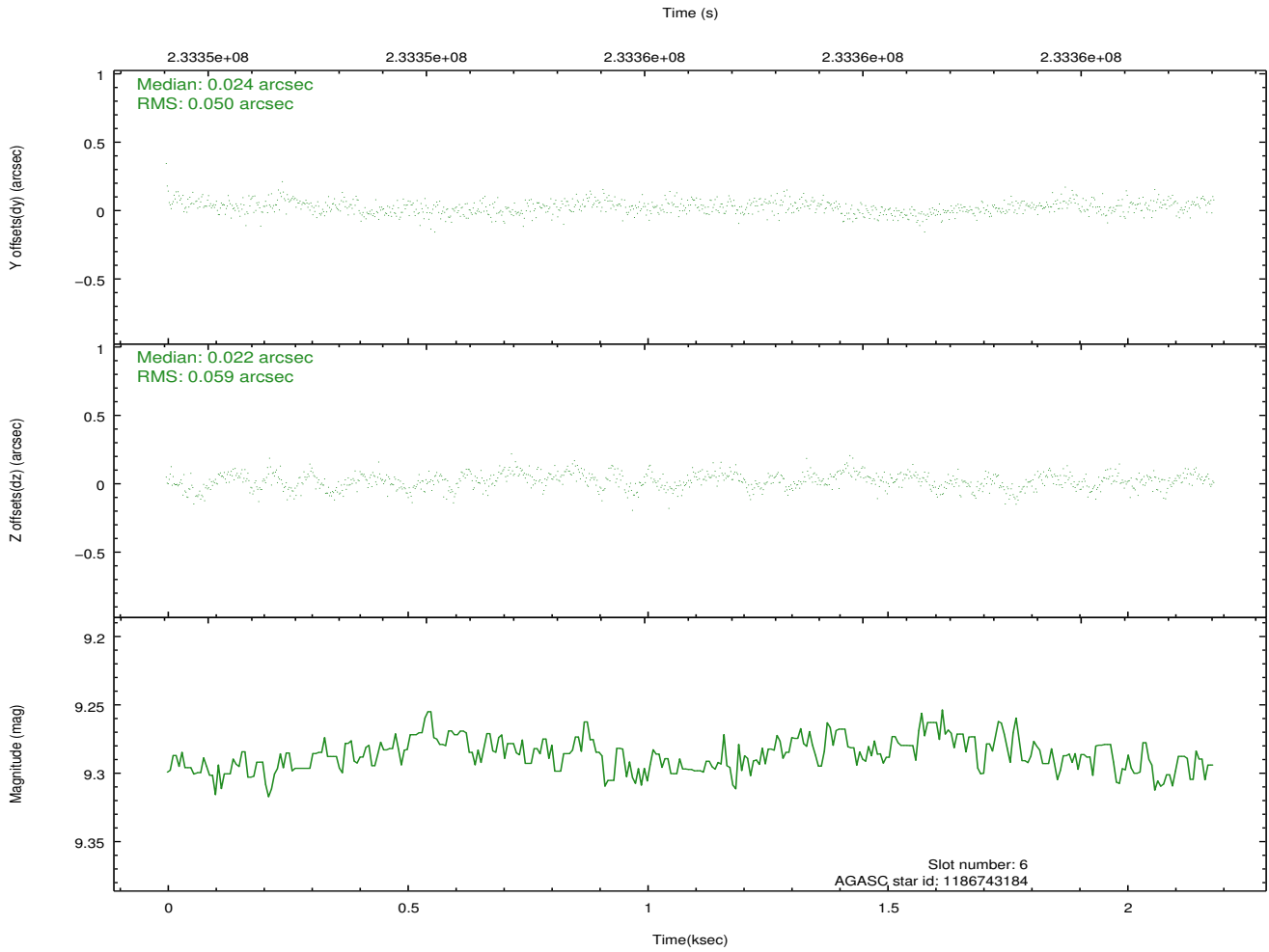
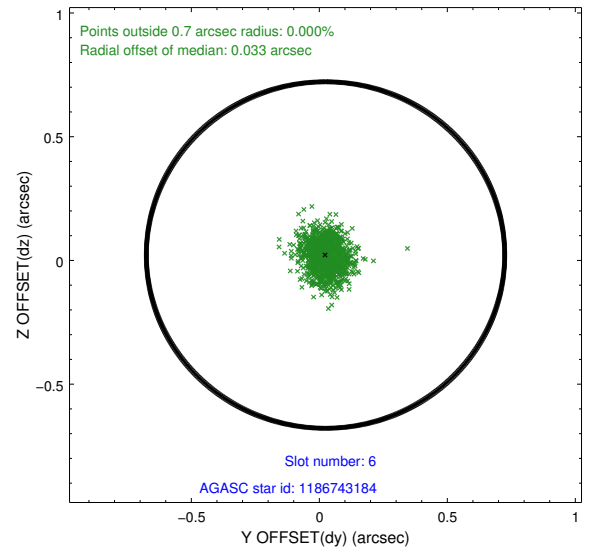
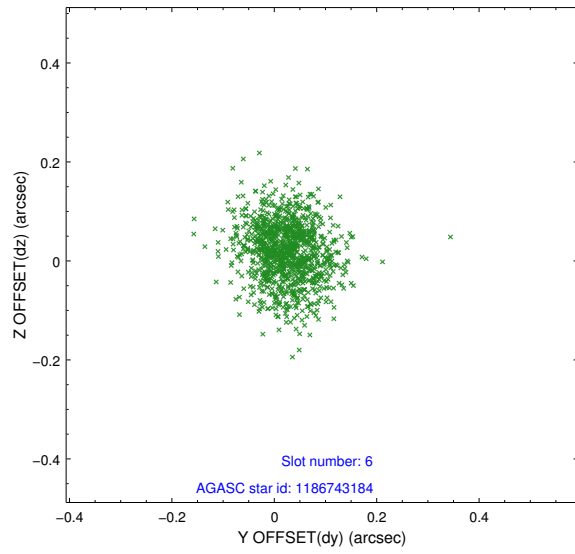
2.4.2 Slot 4



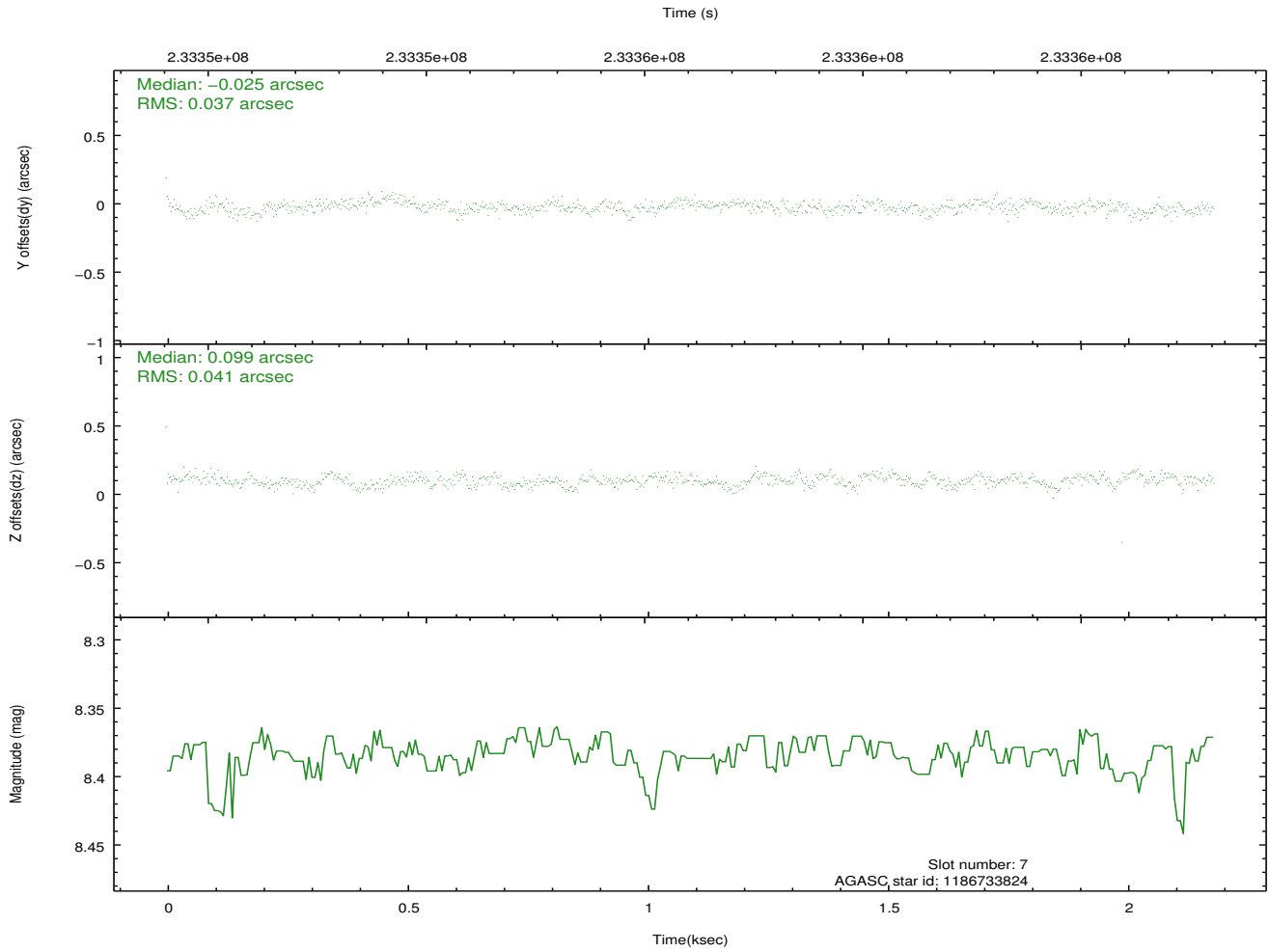
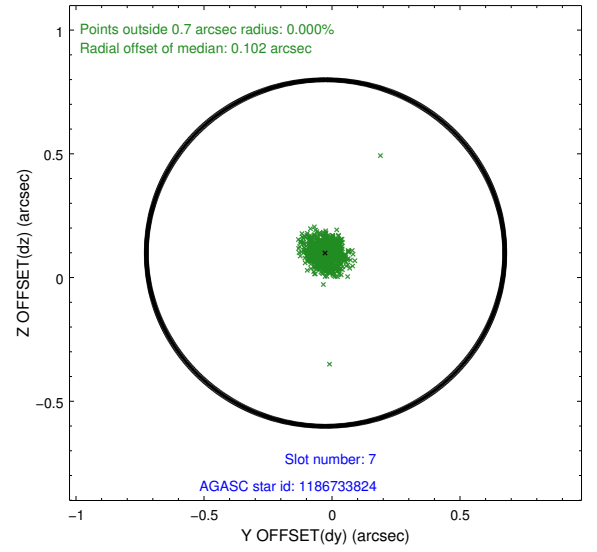
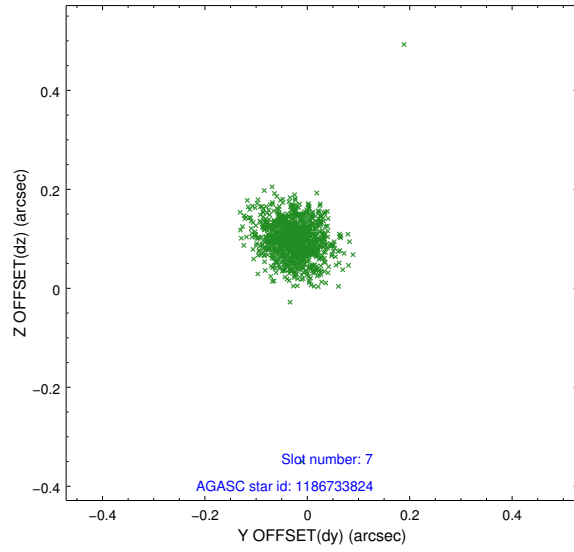
2.4.3 Slot 5



2.4.4 Slot 6

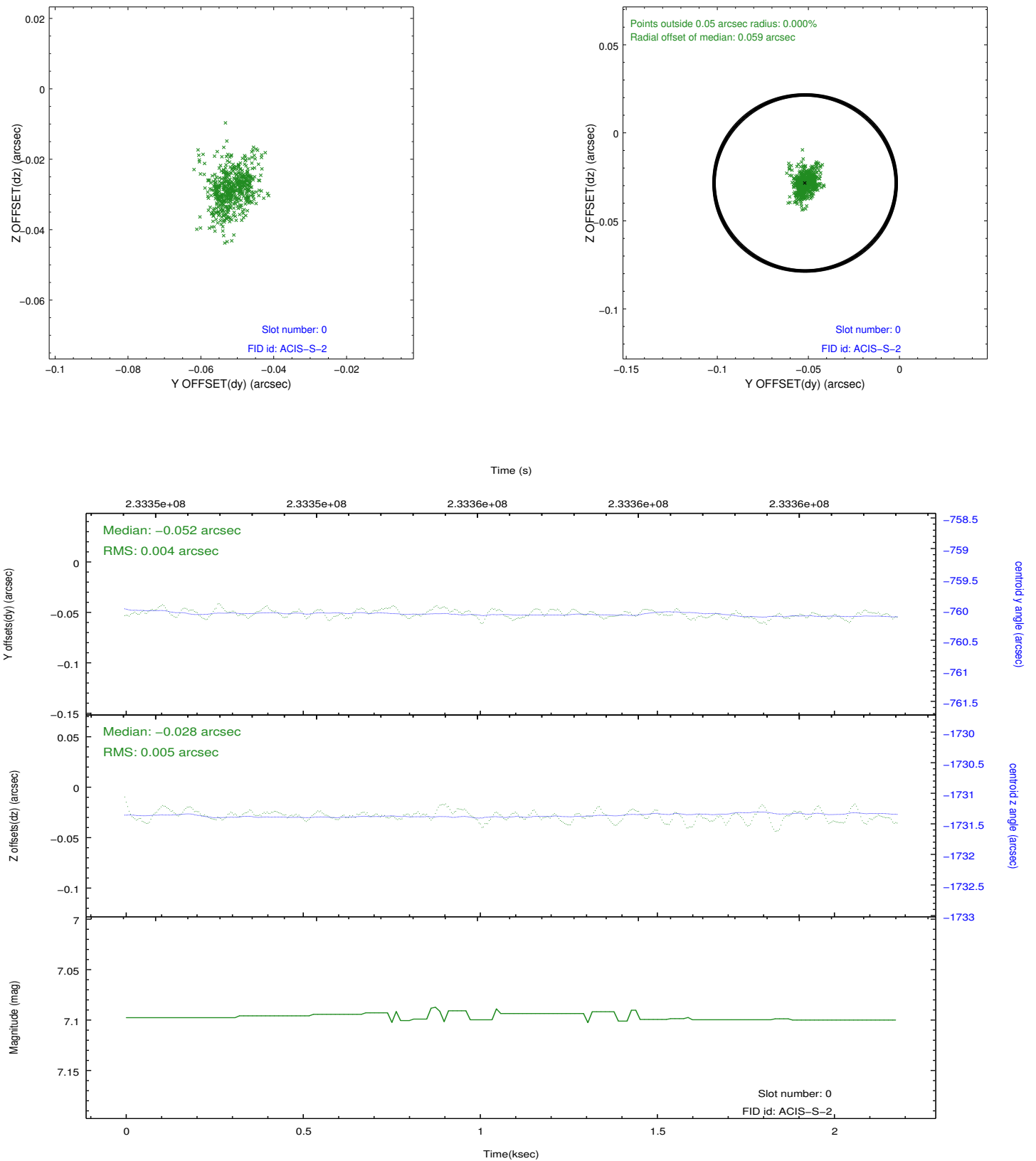


2.4.5 Slot 7

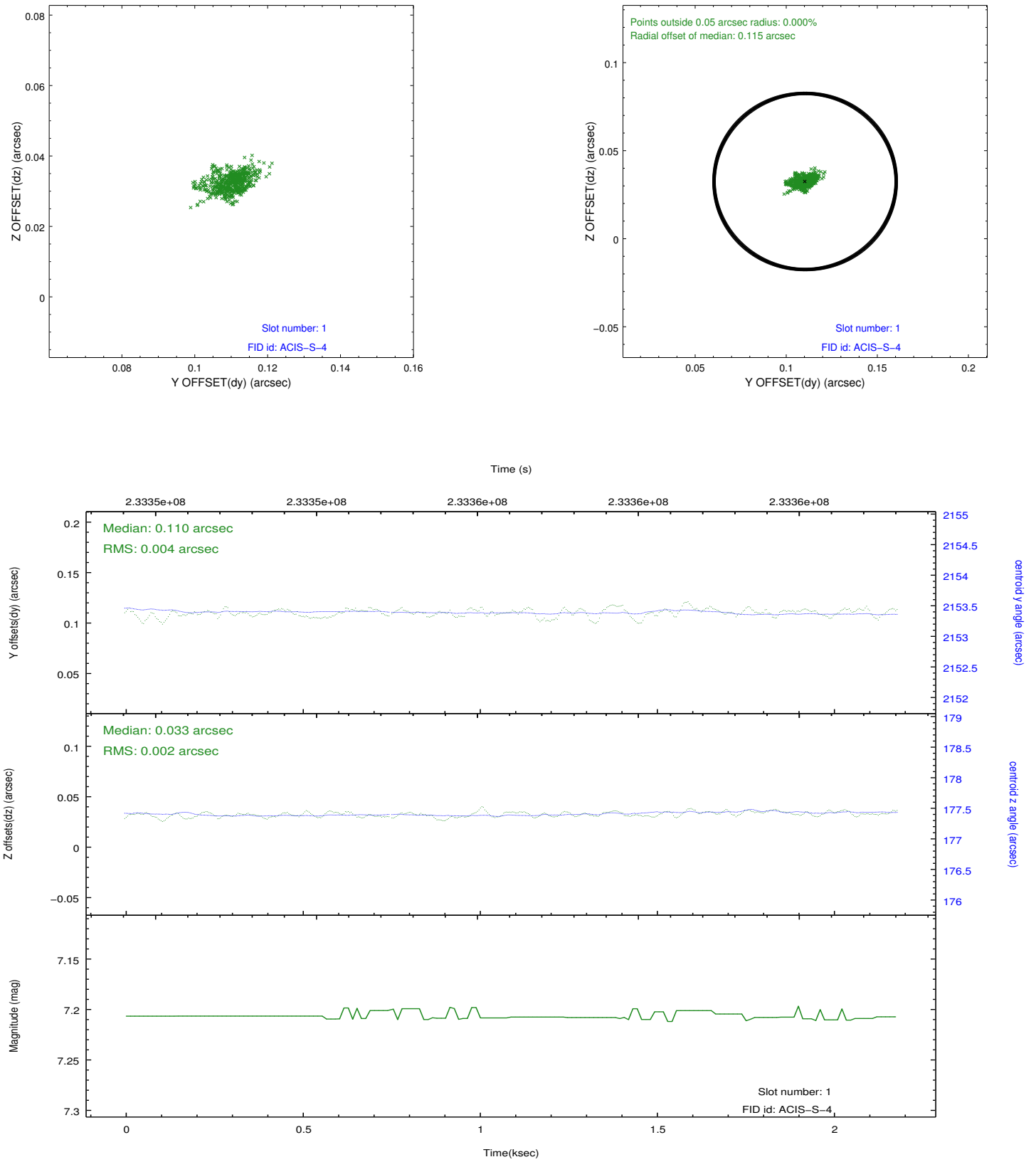


2.5 FID Slots

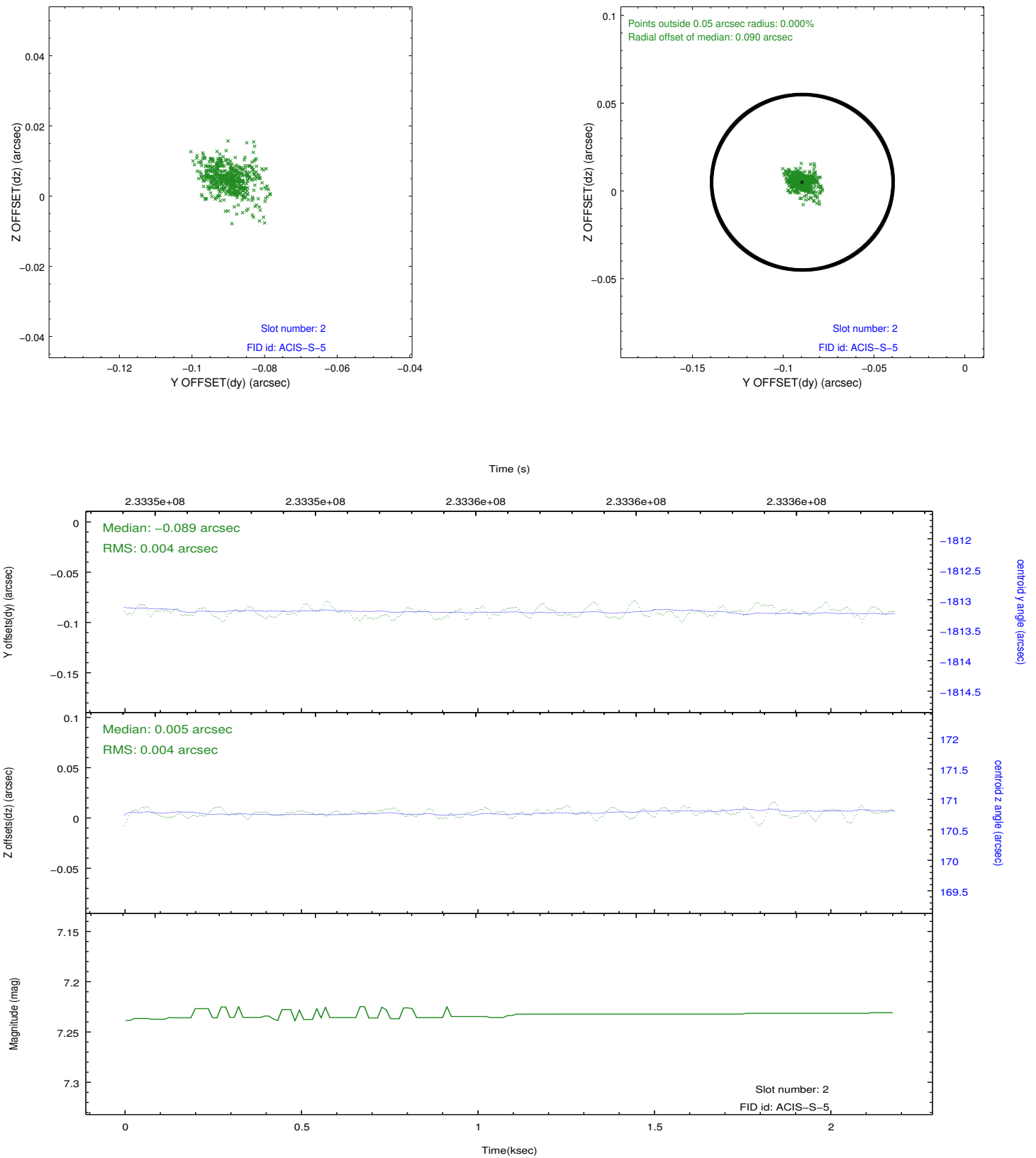
2.5.1 Slot 0



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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.176199

A.2 Comments