

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4917 - L2 Version 3
Chandra X-Ray Center

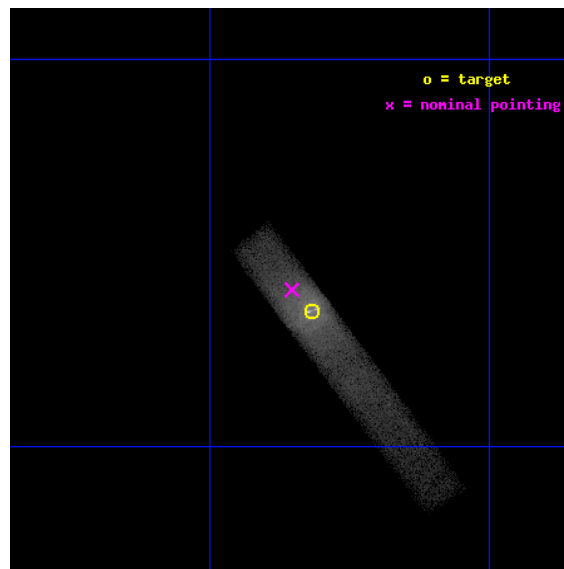
L2 Processing Date : Nov 7 2012

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1 Front

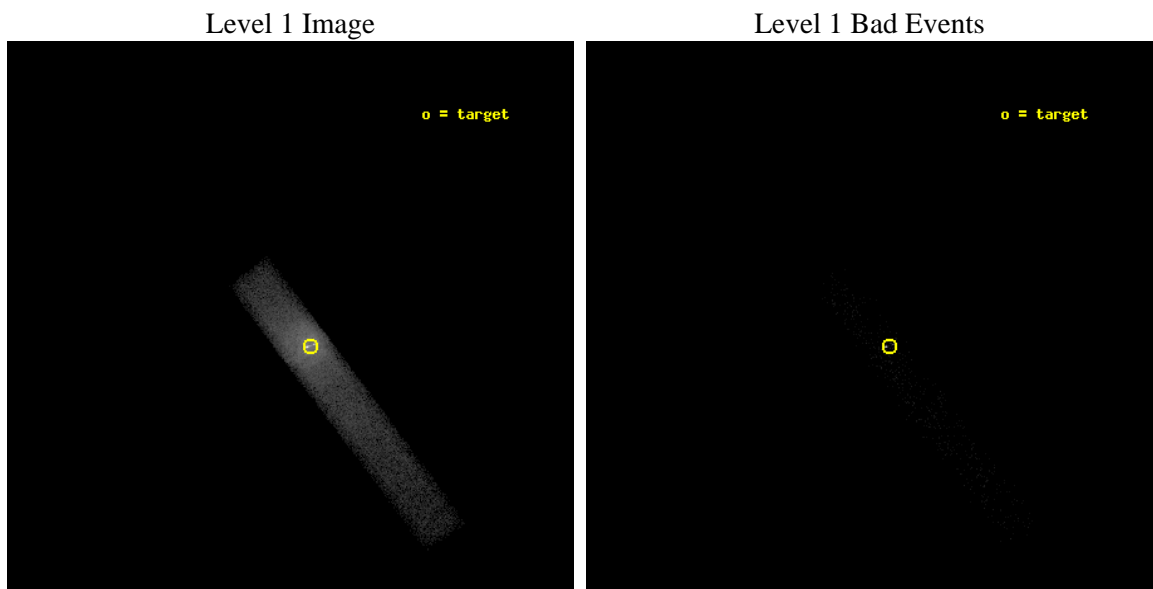
seq_num	700998	Sequence number
obs_id	4917	Observation id
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet	Proposal
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.71320763394	Nominal RA [deg]
dec_nom	12.400628252304	Nominal Dec [deg]
roll_nom	52.970108673984	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5544.4000825882	Sum of GTIs [s]
livetime	5028.4782174752	Livetime [s]
ontime7	5544.4000825882	Sum of GTIs [s]
l2events	65486	Number of level 2 events



2 OBI

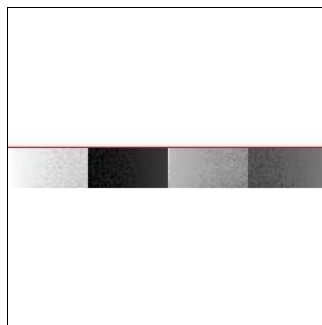
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



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	5544.4000825882	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5544.4000825882	Sum of GTIs [s]
date	2012-11-08T02:06:48	Date and time of file creation	l1events	73211	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

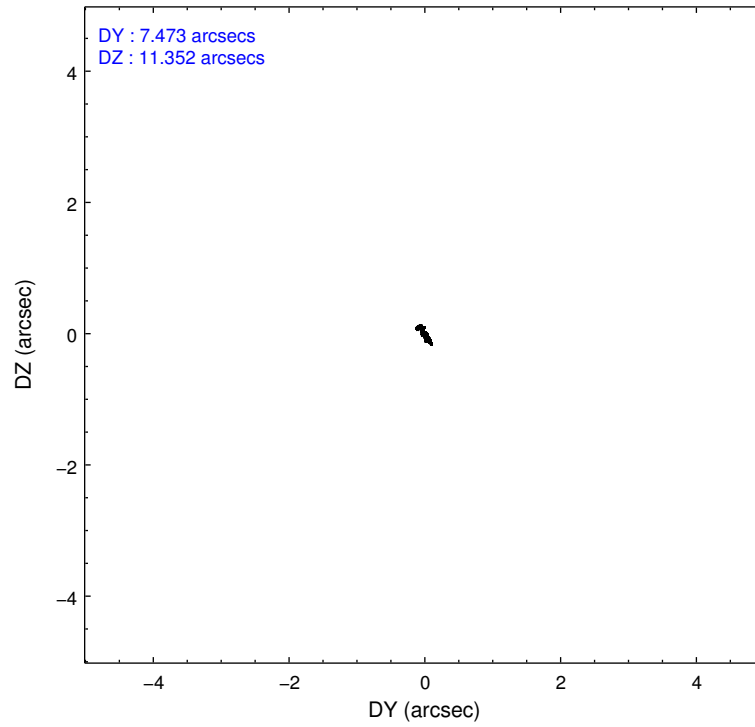
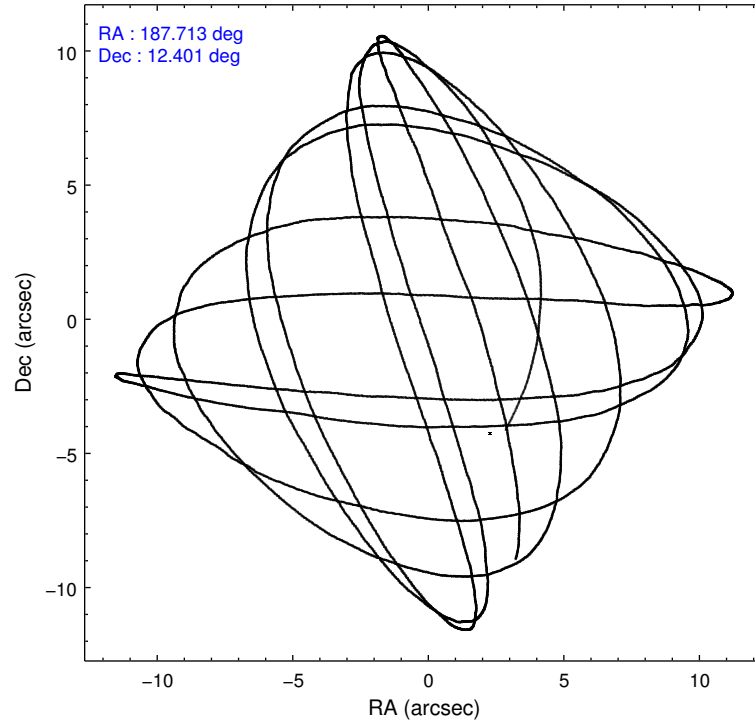
	ccd 7
level 1 events	73211
rejected events	6977
rejected %	9%

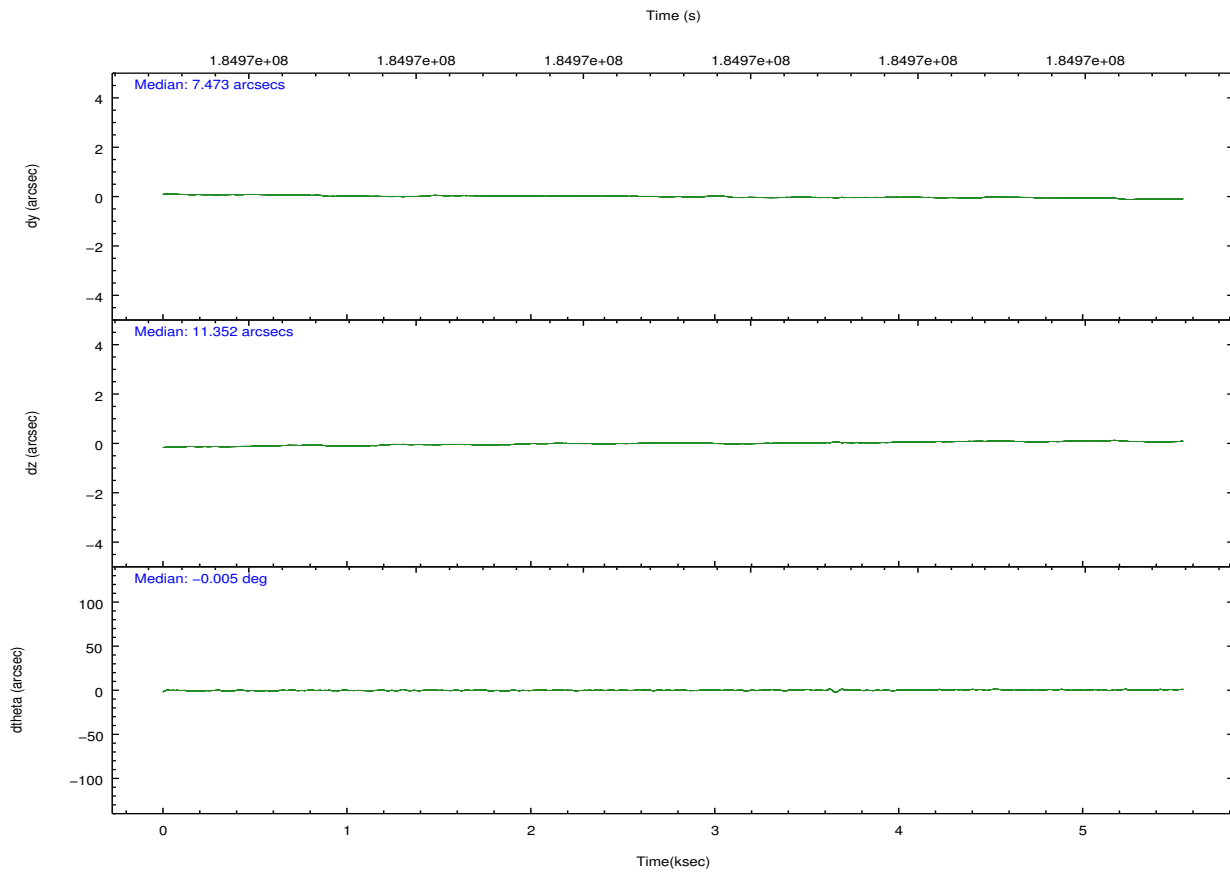
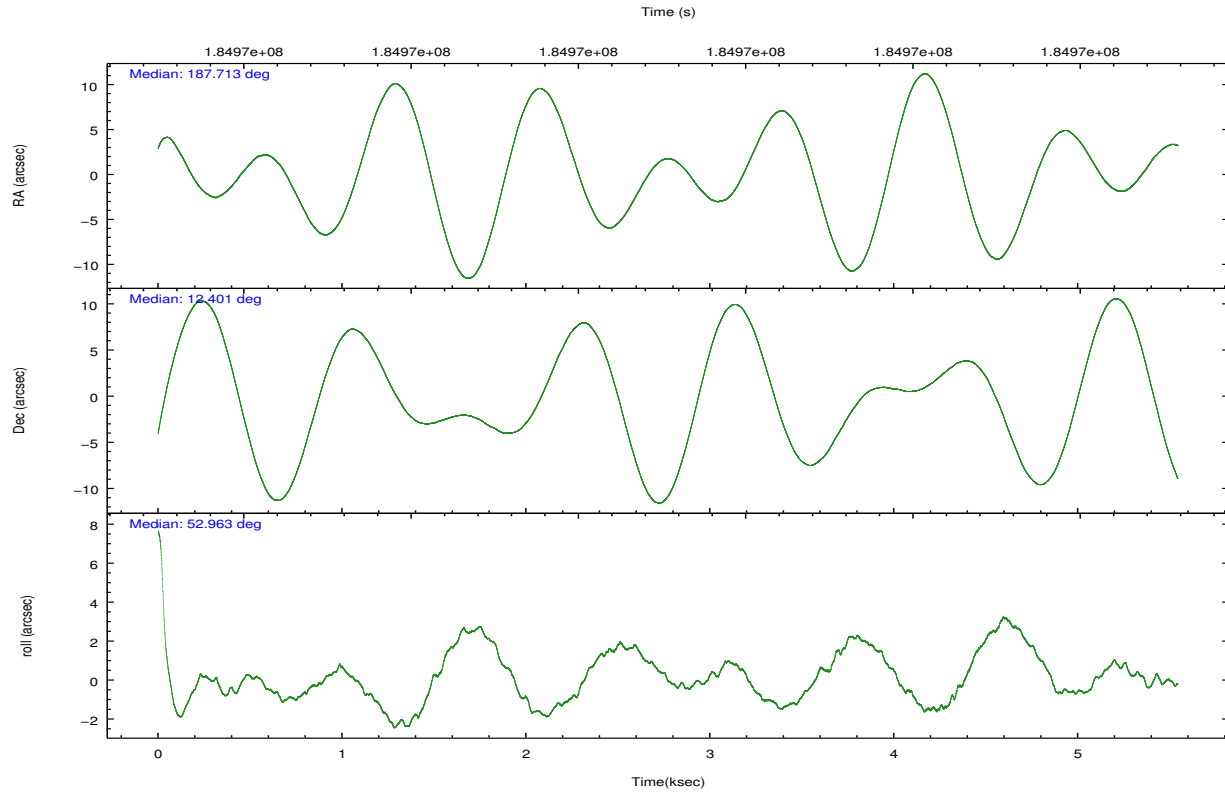
	ccd 7
grade 0 events	21788
	29%
grade 1 events	260
	0%
grade 2 events	17430
	23%
grade 3 events	7958
	10%
grade 4 events	8006
	10%
grade 5 events	1598
	2%
grade 6 events	12888
	17%
grade 7 events	3283
	4%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	187.710142	187.7132076339363	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.373430	12.40062825230445	Subarray start row	449	449
[deg] Pointing Roll	52.814139	52.9701086739843	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	184968306.184000	184967166.08482			
Observation start date	2003-11-11T20:04:02	2003-11-11T19:46:06			
[s] Observation end time (MET)	184973306.184000	184974012.57262			
Observation end date	2003-11-11T21:27:22	2003-11-11T21:40:12			
Read mode	TIMED	TIMED			

2.3 Aspect



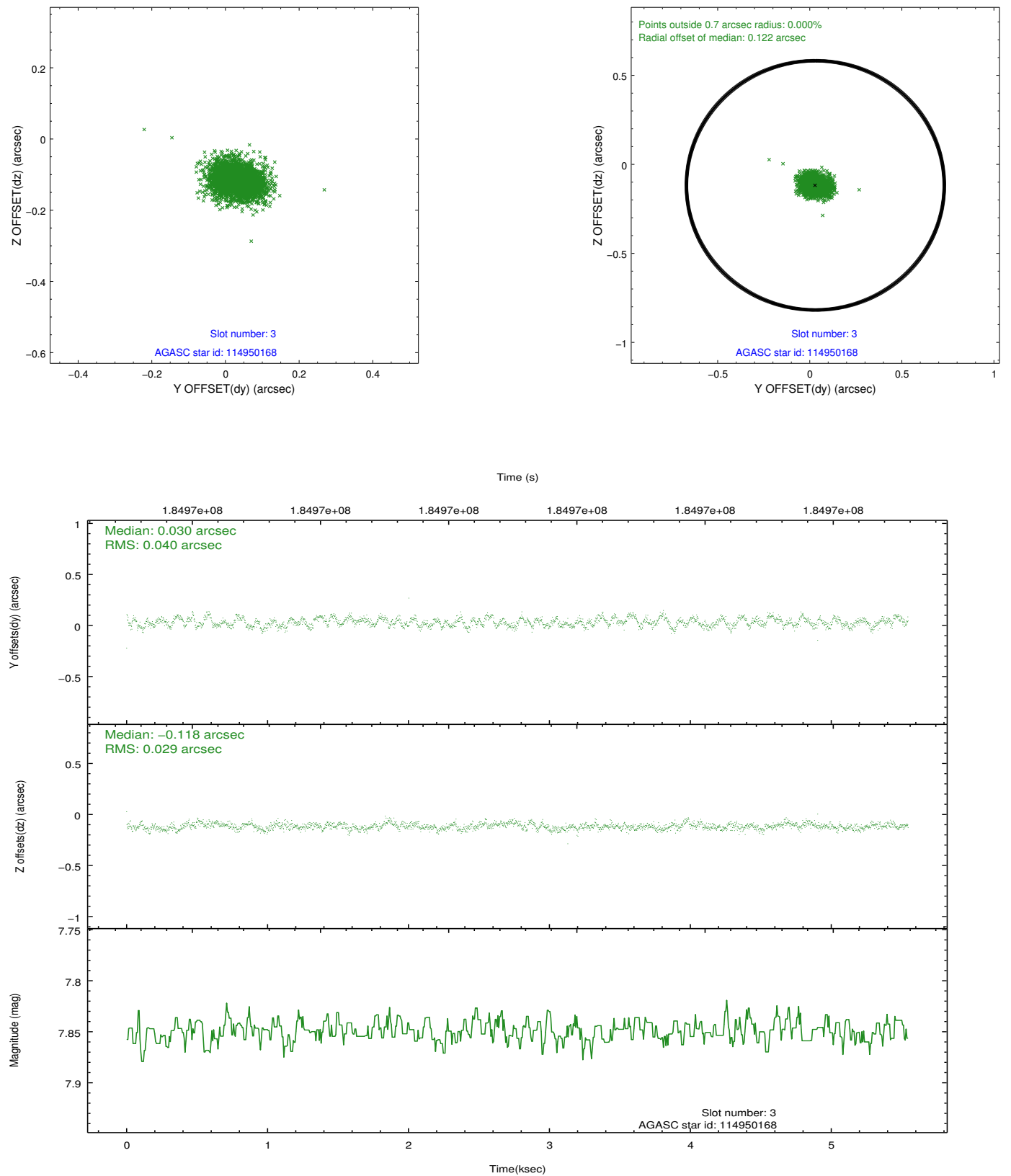


Slot Statistics

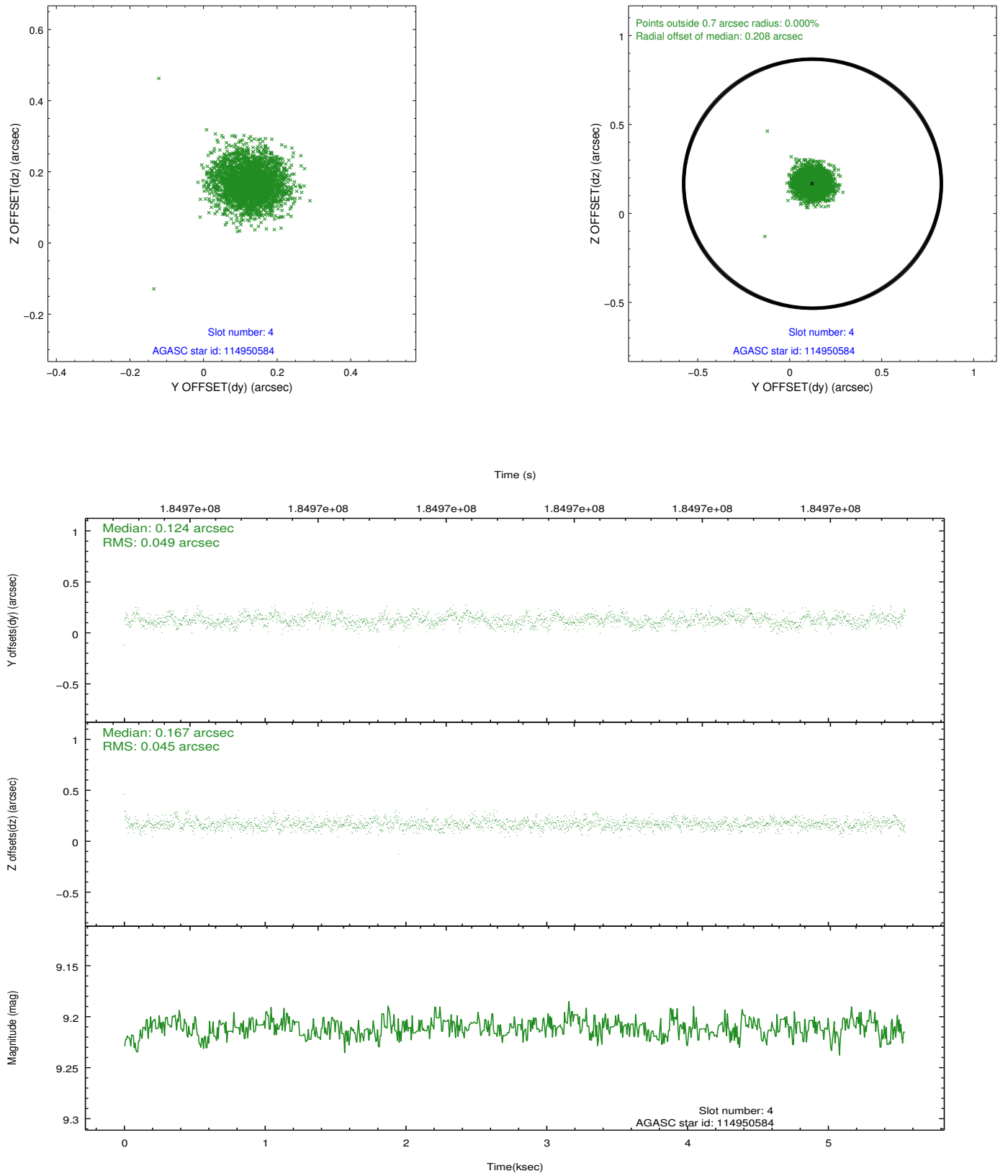
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1353	-0.026	-0.002	0.007	0.012	0.000000	0.000000	-760.24	-1732.64
1	FID	ACIS-S-4	7.20	1353	0.048	0.013	0.006	0.012	0.000000	0.000000	2152.60	174.77
2	FID	ACIS-S-5	7.22	1353	-0.053	-0.003	0.007	0.012	0.000000	0.000000	-1811.74	169.62
3	GUIDE	114950168	7.85	2706	0.030	-0.118	0.052	0.083	187.143398	12.117441	-1938.58	1033.32
4	GUIDE	114950584	9.21	2705	0.124	0.167	0.071	0.113	187.487323	11.827248	-2041.61	-562.15
5	GUIDE	114952824	8.56	2706	-0.160	-0.105	0.058	0.092	187.703904	12.486727	310.40	264.00
6	GUIDE	114954440	9.19	2706	0.085	-0.175	0.088	0.141	186.915066	12.219118	-2130.22	1894.98
7	GUIDE	114955056	8.32	2705	-0.077	0.230	0.057	0.092	187.914001	12.127854	-271.43	-1104.68

2.4 Star Slots

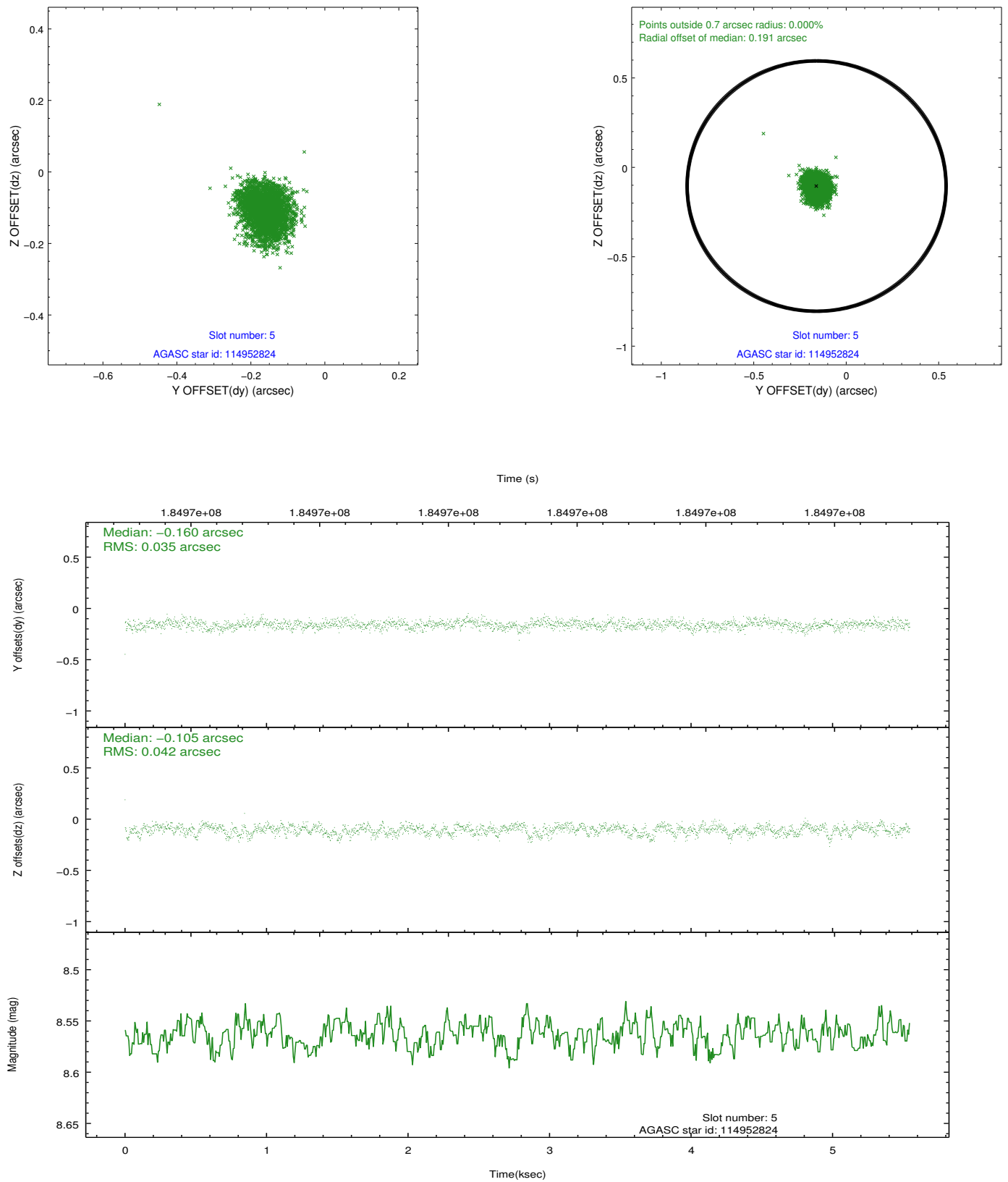
2.4.1 Slot 3



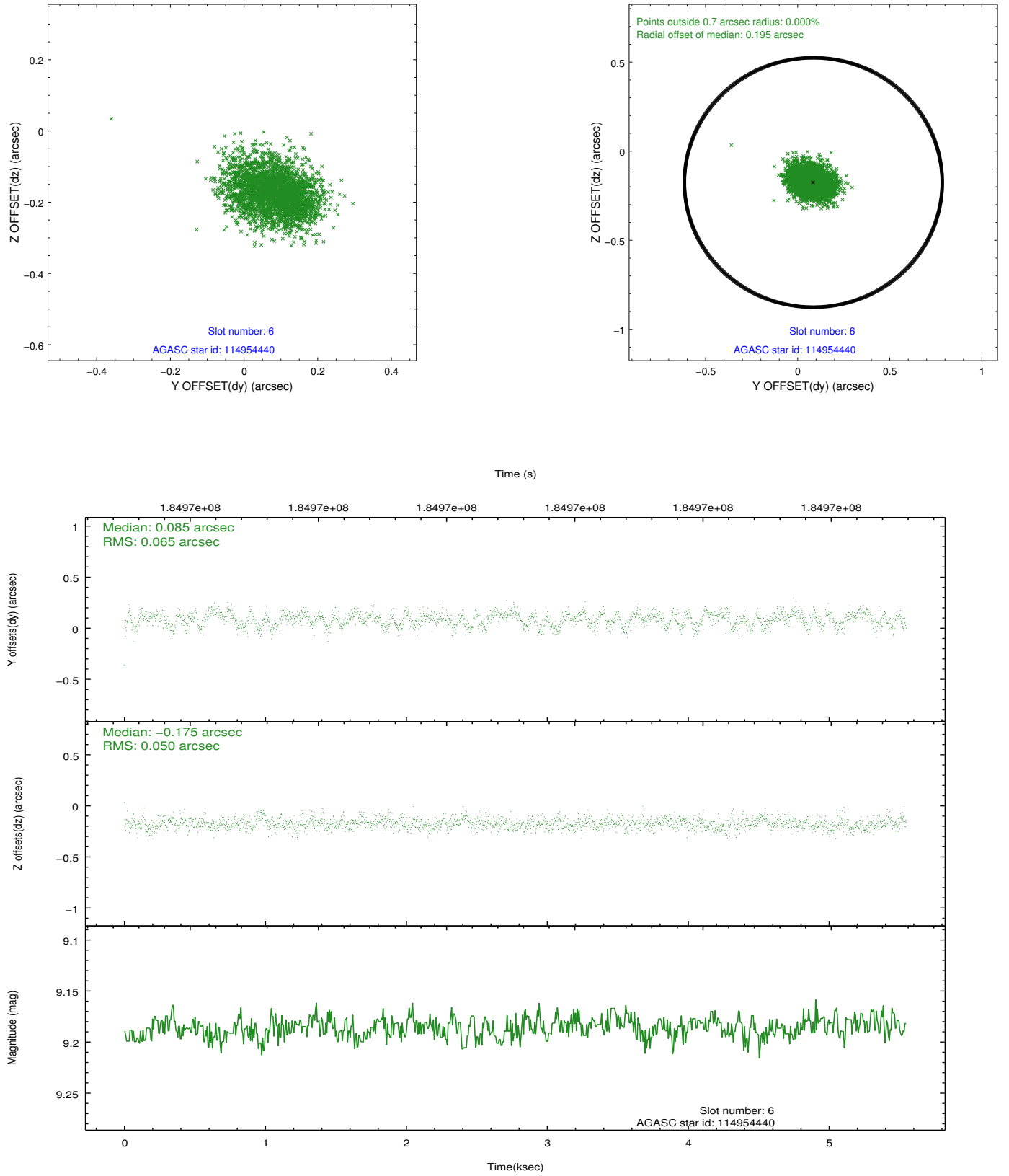
2.4.2 Slot 4



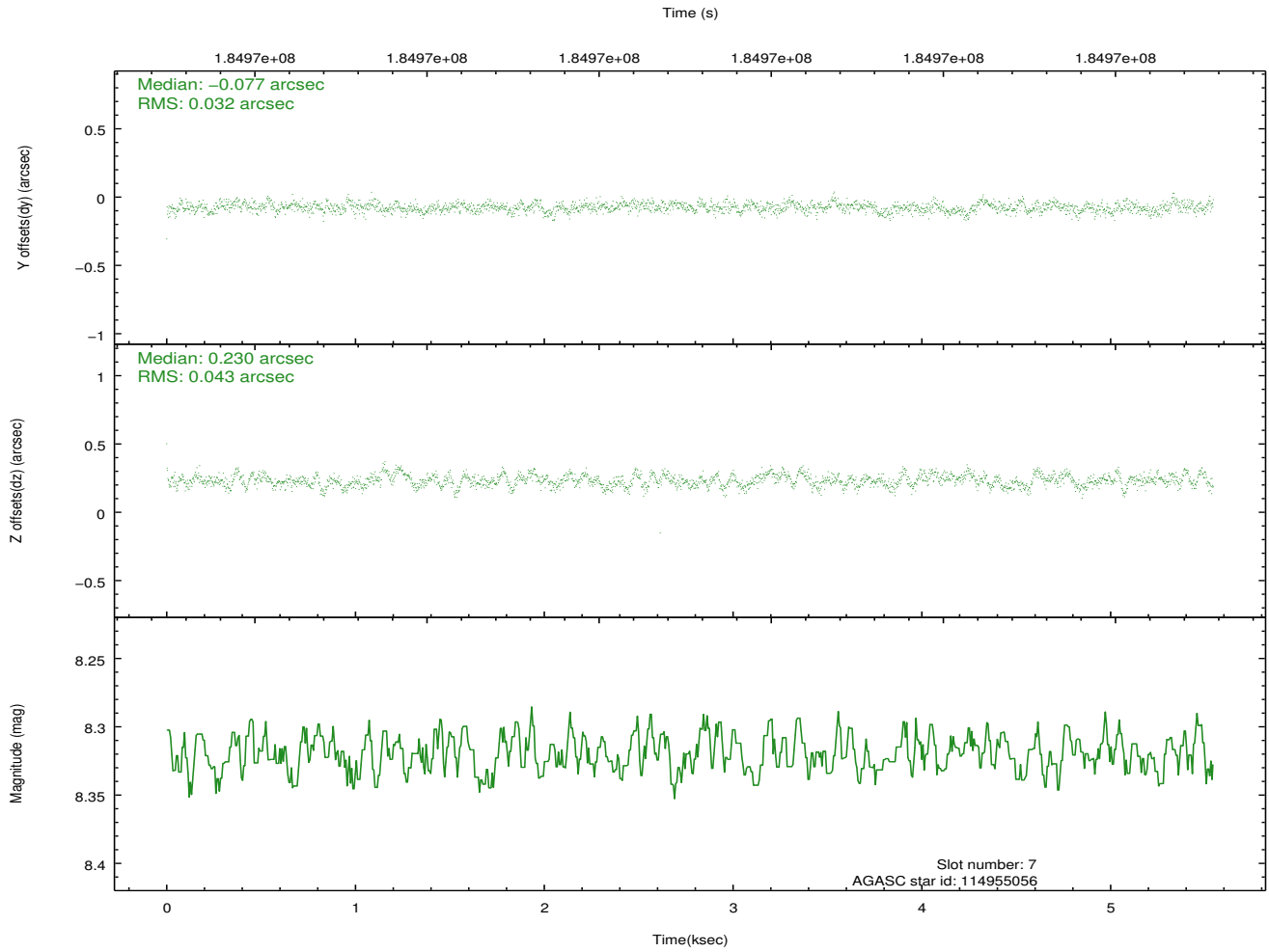
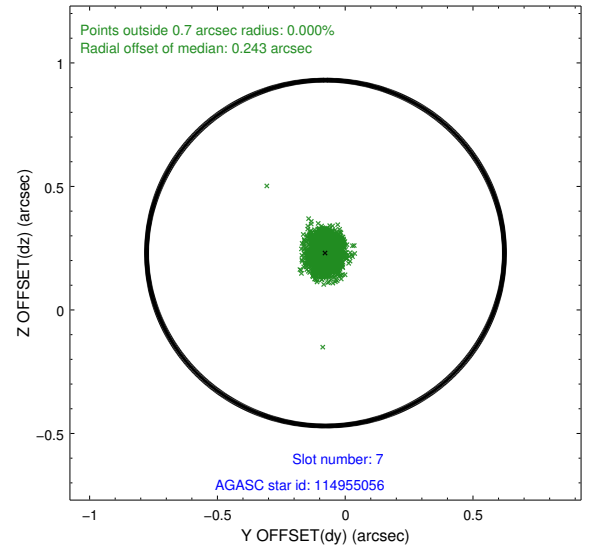
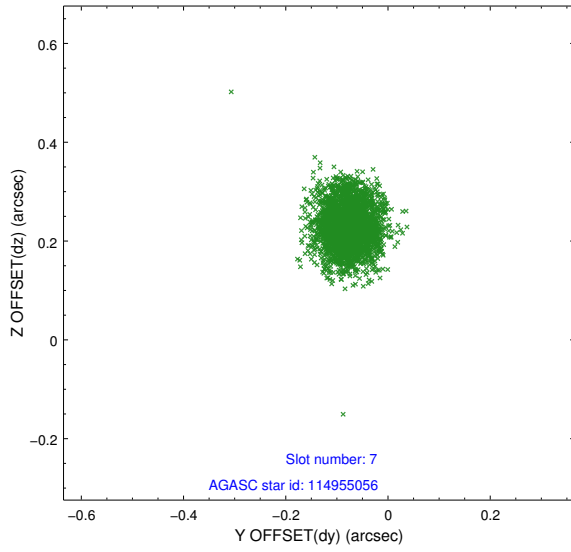
2.4.3 Slot 5



2.4.4 Slot 6

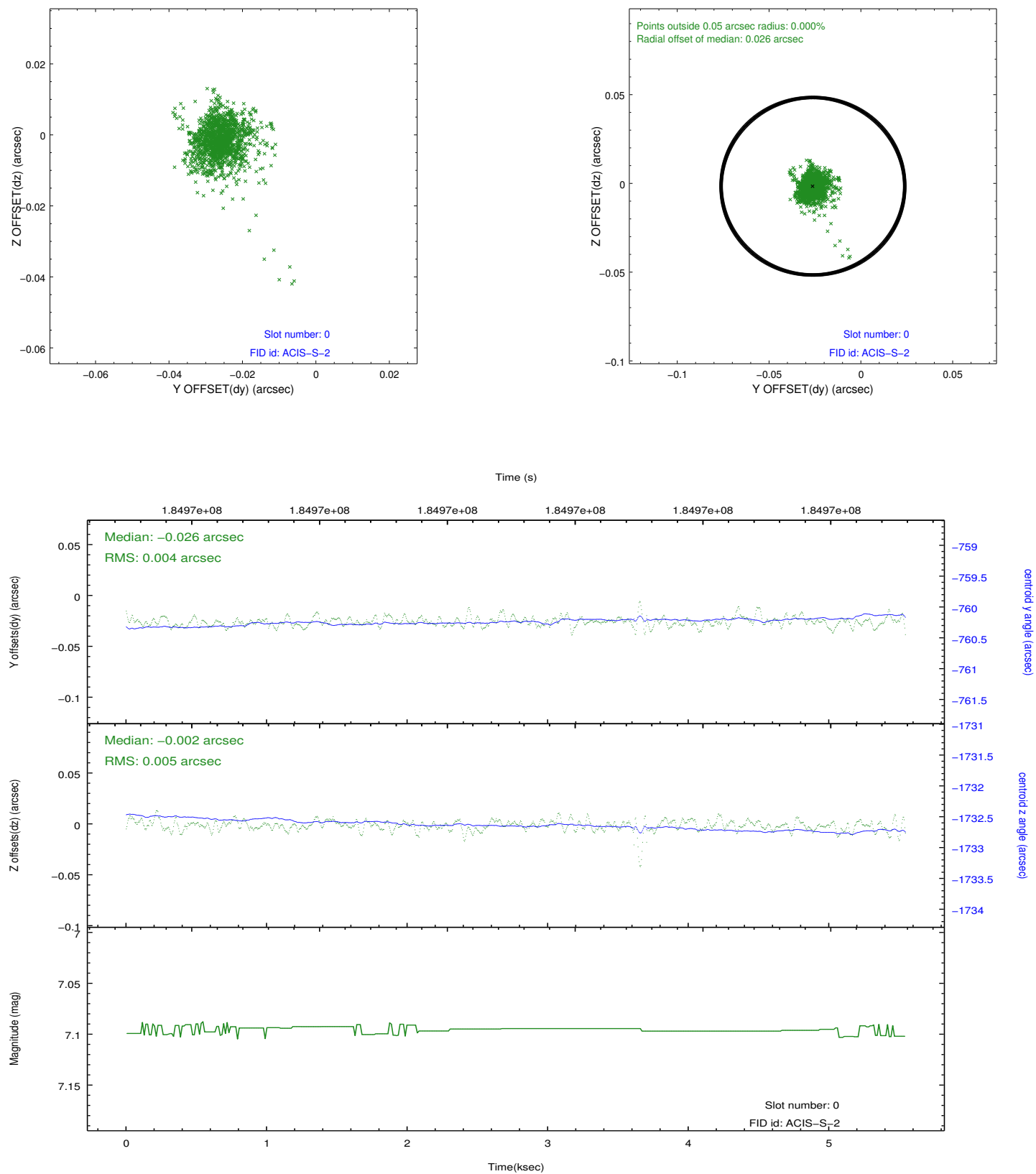


2.4.5 Slot 7

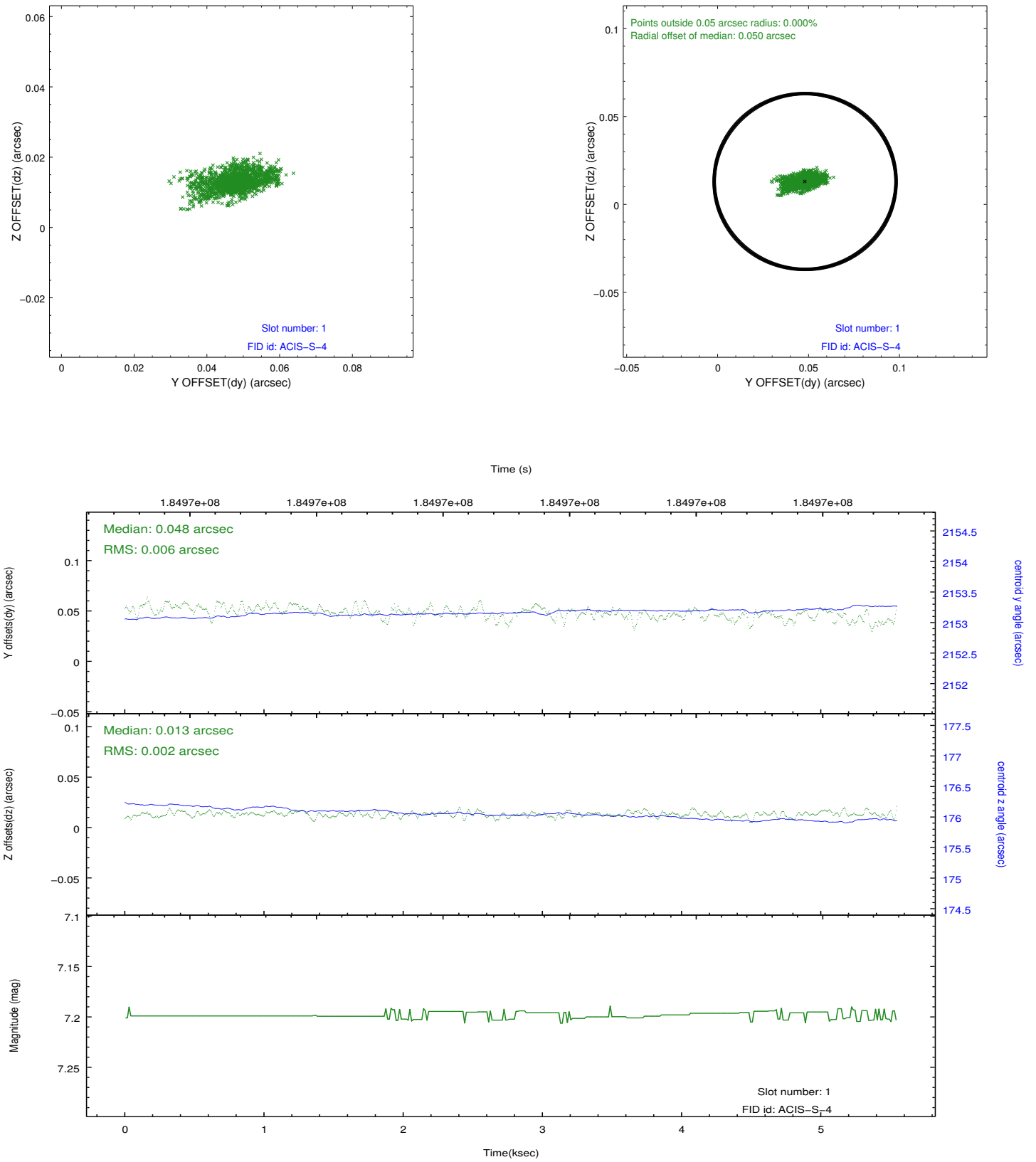


2.5 FID Slots

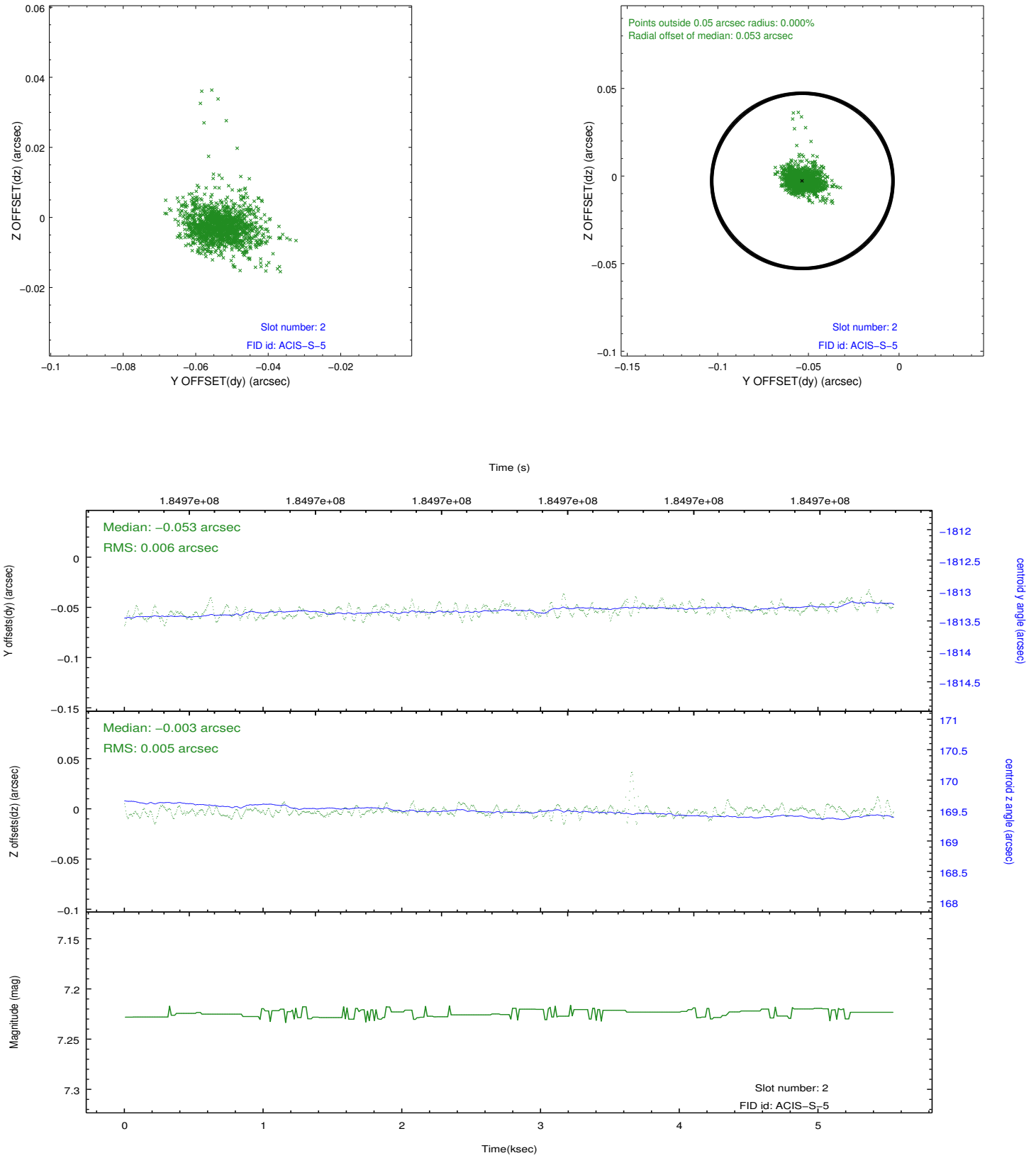
2.5.1 Slot 0



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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.544

A.2 Comments

Joint Proposal: CX0-HST