

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6204 - L2 Version 3
Chandra X-Ray Center

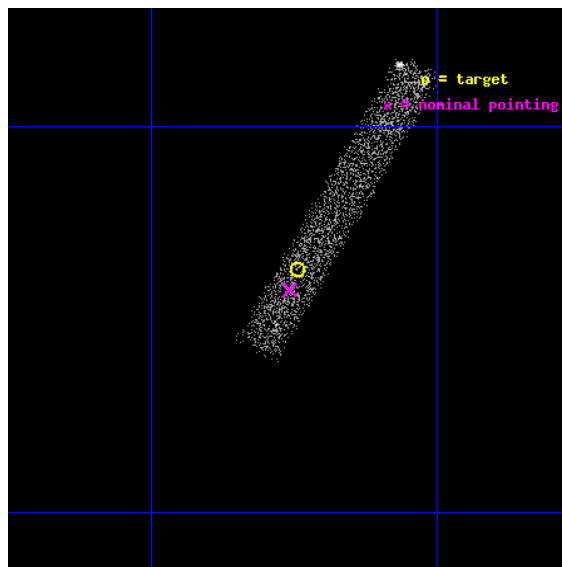
L2 Processing Date : Dec 16 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

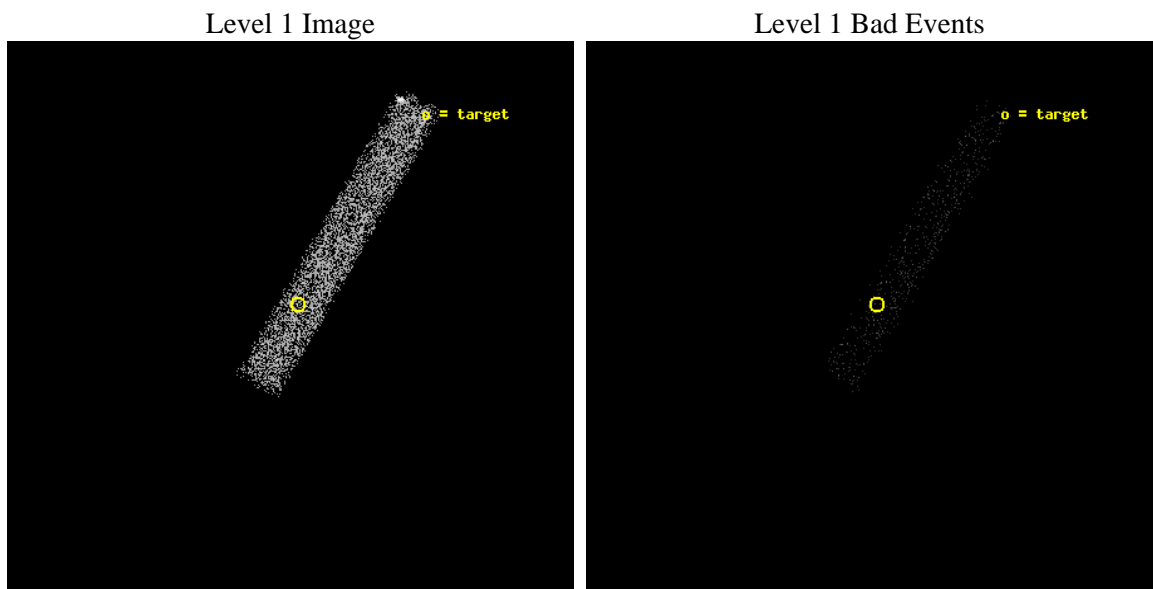
seq_num	200363	Sequence number
obs_id	6204	Observation id
title	Monitoring the X-ray Emission of the Newly Erupted EXor-type V1118 Ori	Proposal title
observer	Prof. Marc Audard	Principal investigator
object	V1118 Ori	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.68625	Observer's specified target RA [deg]
dec_targ	-5.561472	Observer's specified target Dec [deg]
ra_nom	83.689519848336	Nominal RA [deg]
dec_nom	-5.5705435646651	Nominal Dec [deg]
roll_nom	300.09213201984	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5136.4000765085	Sum of GTIs [s]
livetime	4658.4437479671	Livetime [s]
ontime7	5136.4000765085	Sum of GTIs [s]
l2events	3367	Number of level 2 events



2 OBI

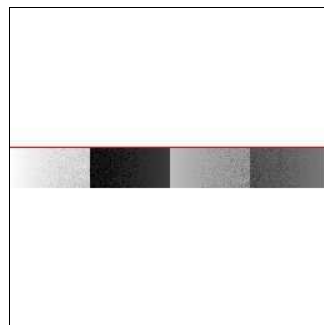
2.1 OBI

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	8.5.1	Processing system revision	ontime	5136.4000765085	Sum of GTIs [s]
caldsver	4.5.5	 	ontime7	5136.4000765085	Sum of GTIs [s]
date	2012-12-16T12:03:03	Date and time of file creation	l1events	8375	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

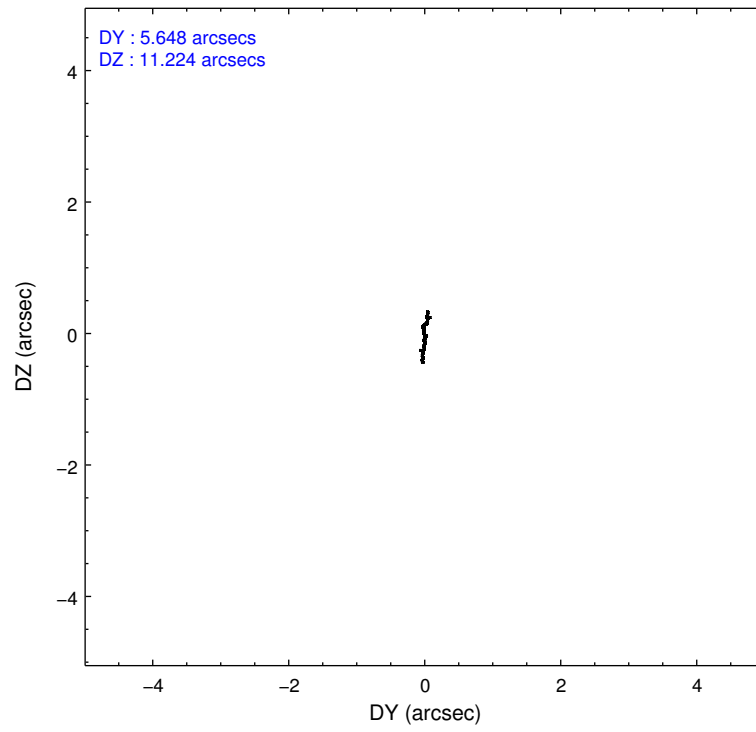
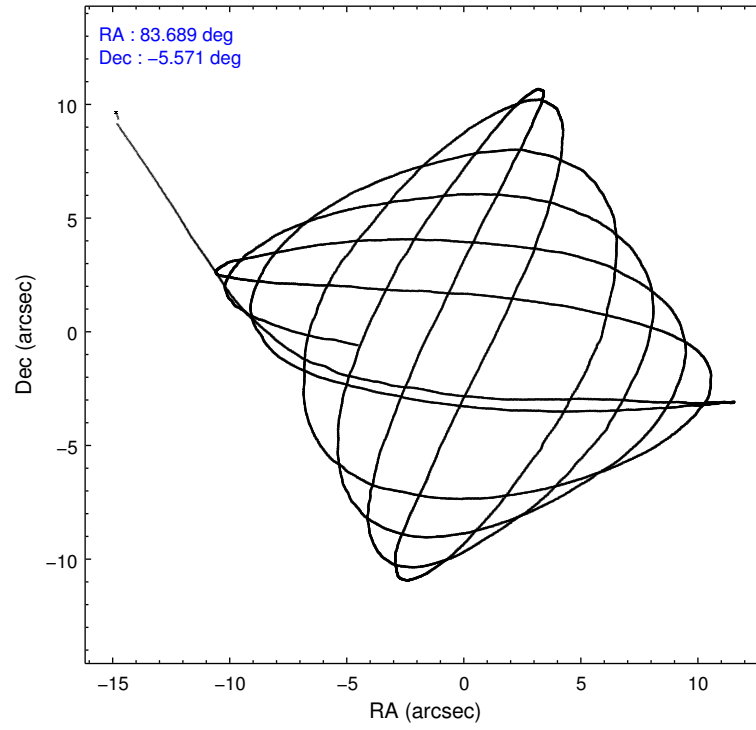
	ccd 7
level 1 events	8375
rejected events	4895
rejected %	58%

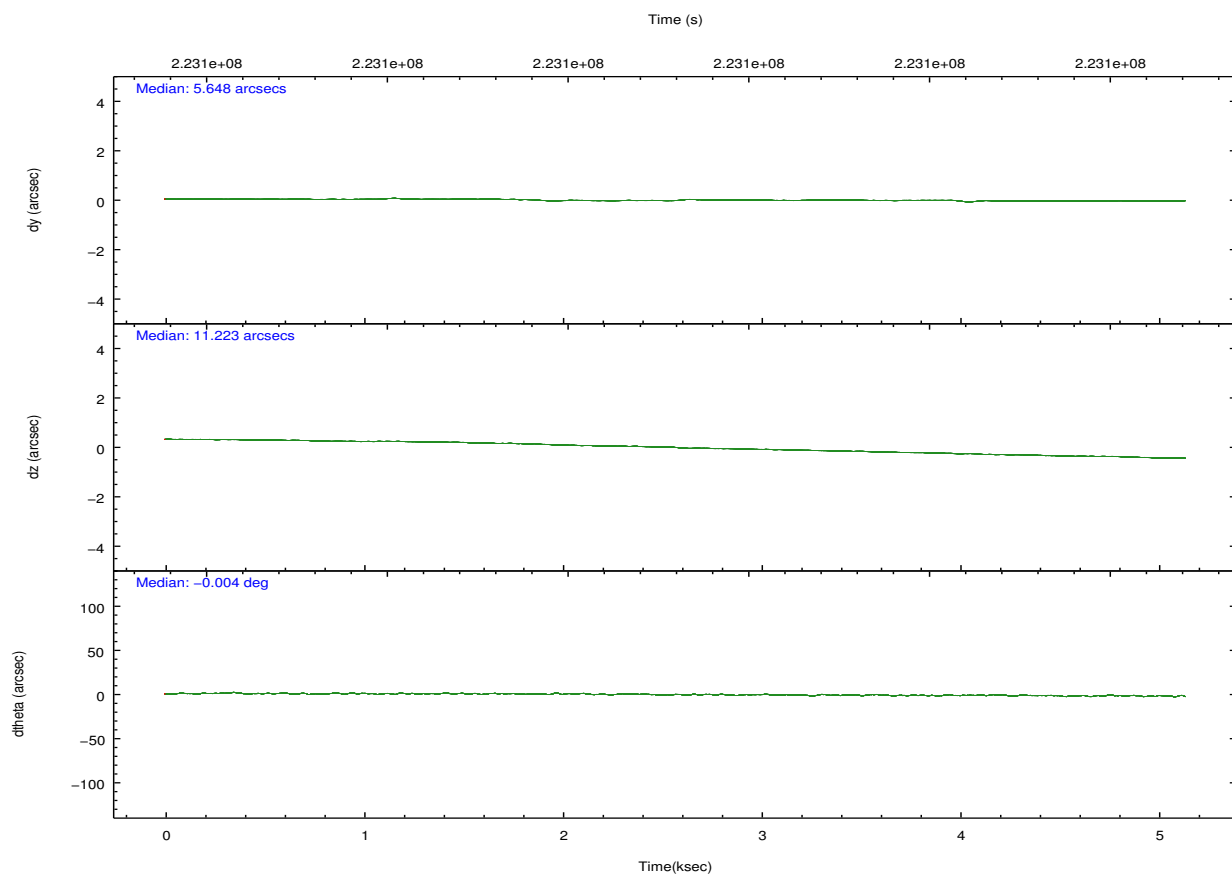
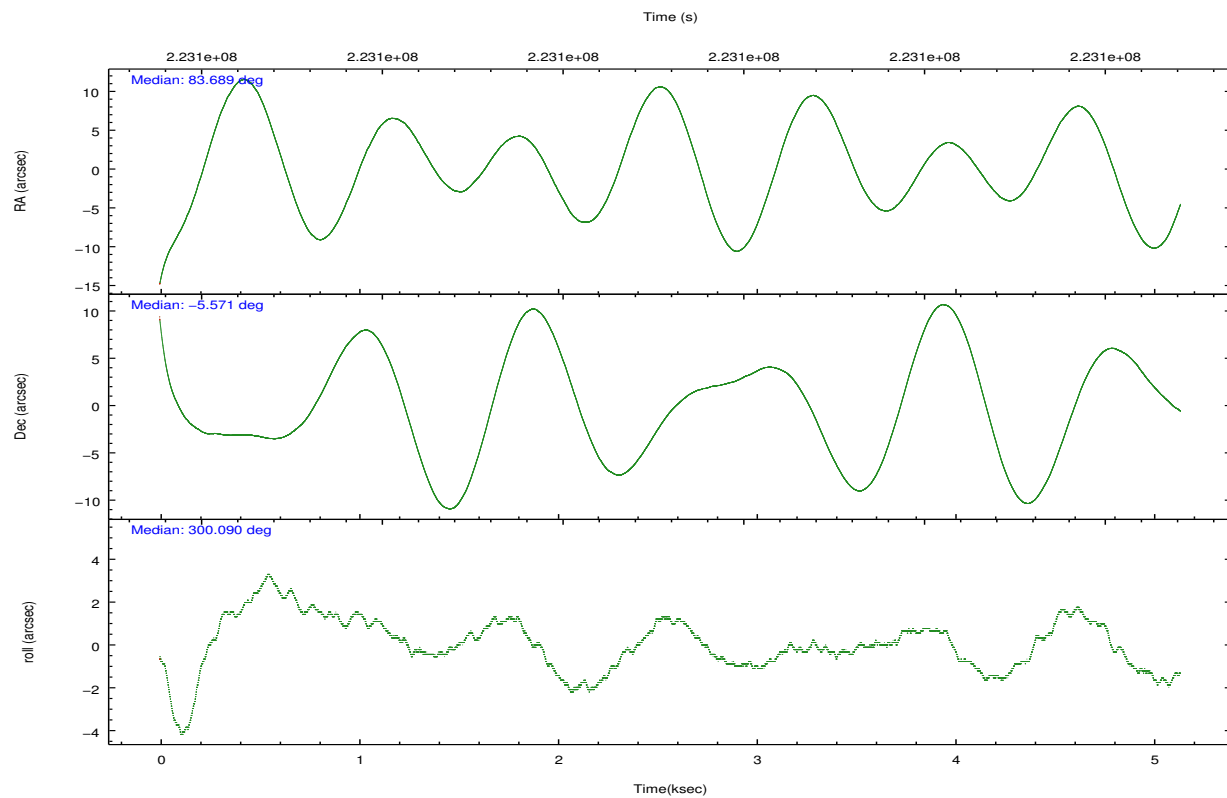
	ccd 7
grade 0 events	495
	5%
grade 1 events	13
	0%
grade 2 events	799
	9%
grade 3 events	553
	6%
grade 4 events	536
	6%
grade 5 events	714
	8%
grade 6 events	1723
	20%
grade 7 events	3542
	42%

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	83.665675	83.68951984833649	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-5.557298	-5.570543564665144	Subarray start row	449	449
[deg] Pointing Roll	299.933174	300.0921320198356	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)	223097154.184000	223096042.32241			
Observation start date	2005-01-26T03:24:50	2005-01-26T03:07:22			
[s] Observation end time (MET)	223102154.184000	223103047.17273			
Observation end date	2005-01-26T04:48:10	2005-01-26T05:04:07			
Read mode	TIMED	TIMED			

2.3 Aspect



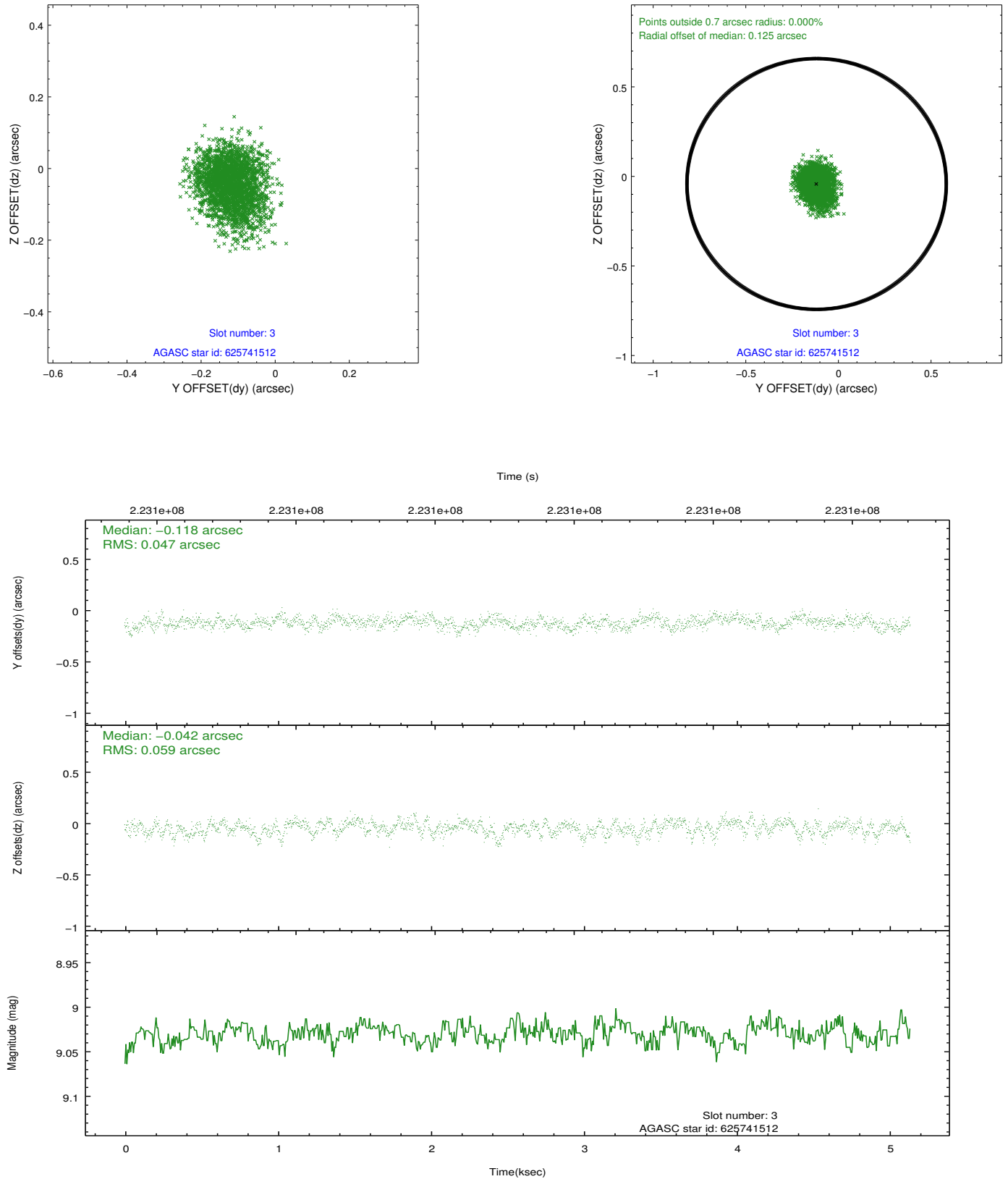


Slot Statistics

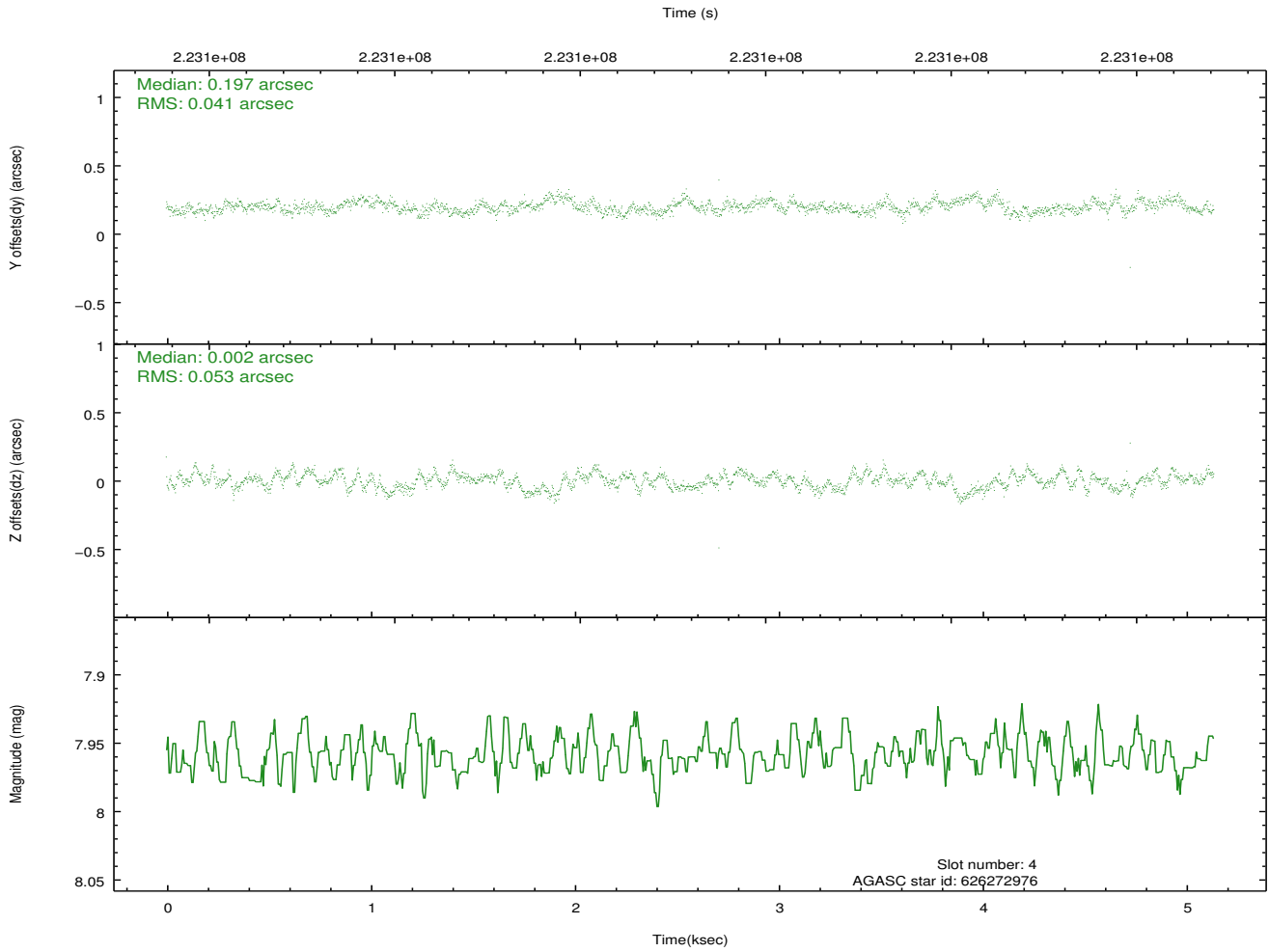
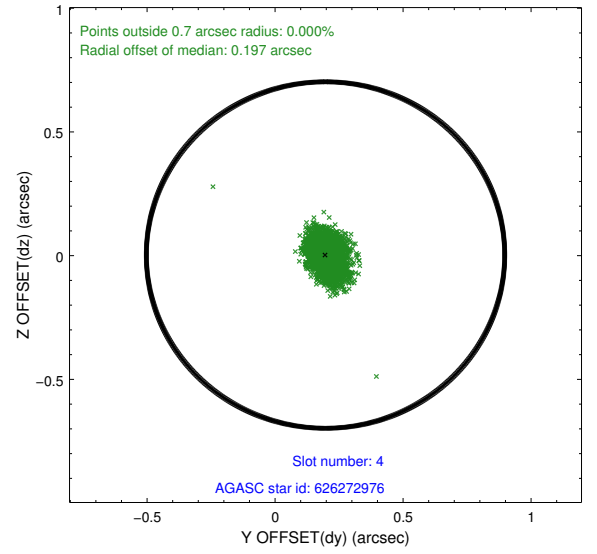
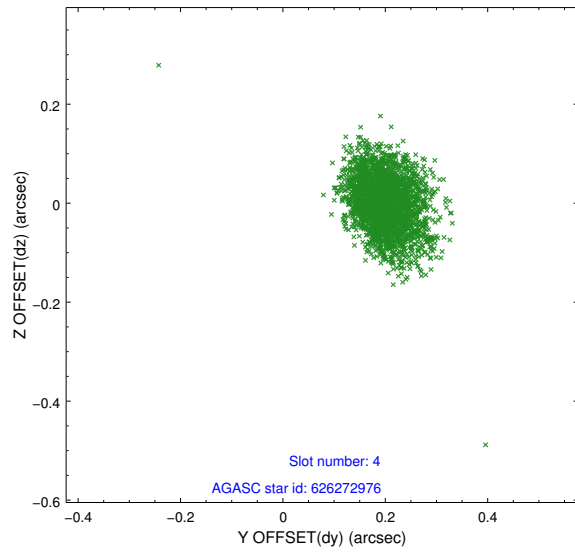
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1254	0.025	-0.065	0.010	0.016	0.000000	0.000000	937.65	-1728.20
1	FID	ACIS-S-5	7.24	1252	-0.069	0.006	0.008	0.012	0.000000	0.000000	-1810.73	168.27
2	FID	ACIS-S-6	7.34	1254	0.023	0.071	0.009	0.015	0.000000	0.000000	401.99	813.58
3	GUIDE	625741512	9.03	2507	-0.118	-0.042	0.081	0.132	83.281151	-5.340585	-1363.32	-805.04
4	GUIDE	626272976	7.96	2507	0.197	0.002	0.069	0.115	83.795875	-5.926912	1385.70	-259.82
5	GUIDE	625745144	7.86	2507	-0.104	-0.033	0.073	0.118	83.888985	-4.837539	-1845.08	1987.37
6	GUIDE	625745272	9.21	2506	-0.074	0.090	0.110	0.186	83.734325	-4.765942	-2346.62	1636.29
7	GUIDE	626272760	6.62	2505	0.090	-0.016	0.074	0.126	84.363987	-5.938389	2437.32	1482.78

2.4 Star Slots

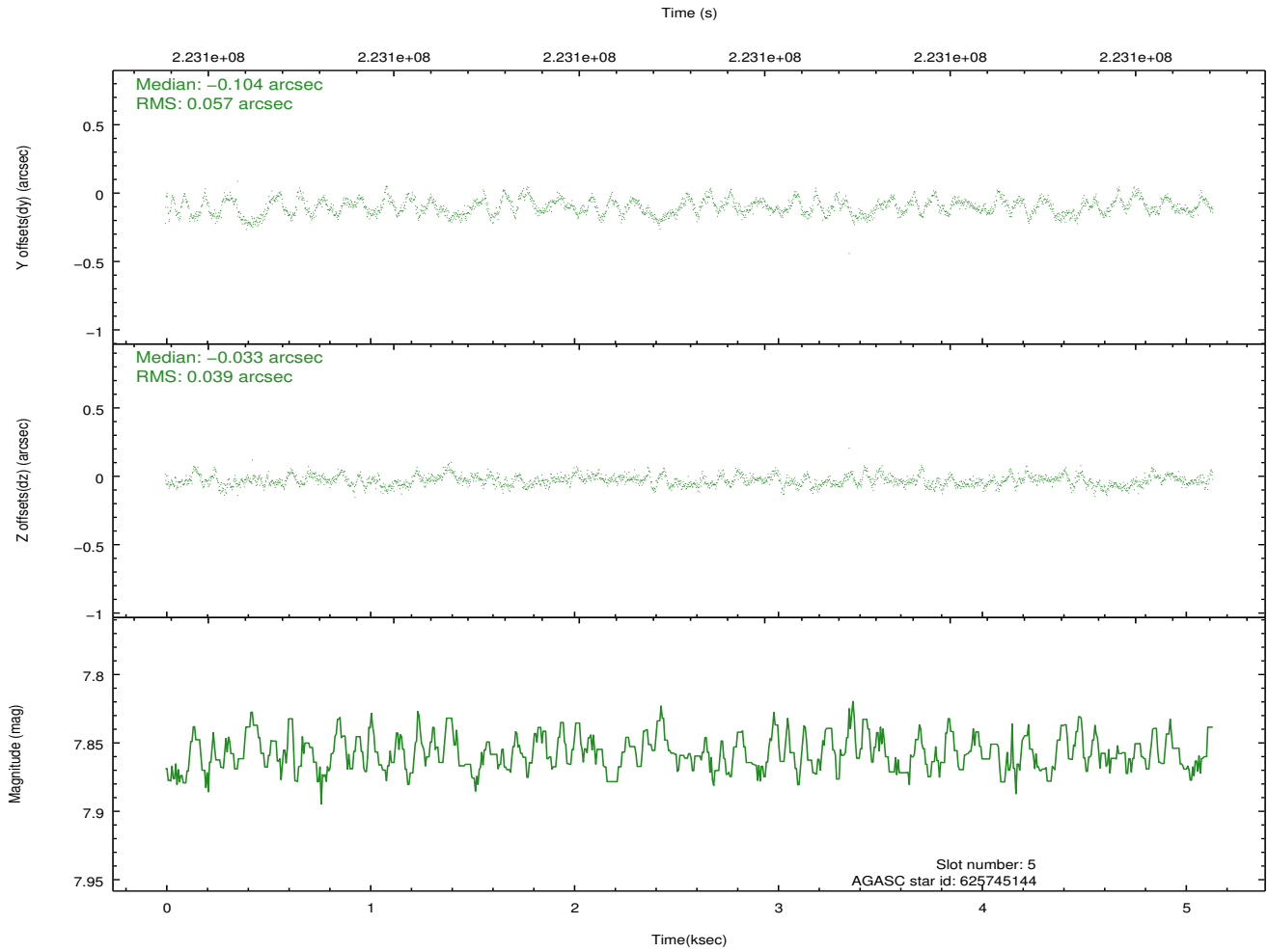
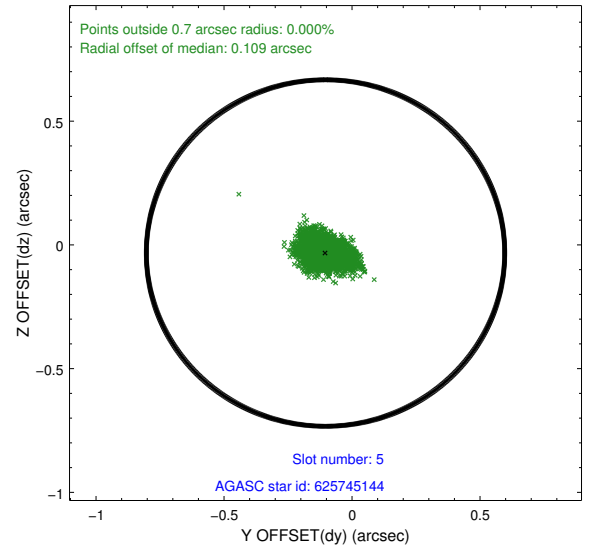
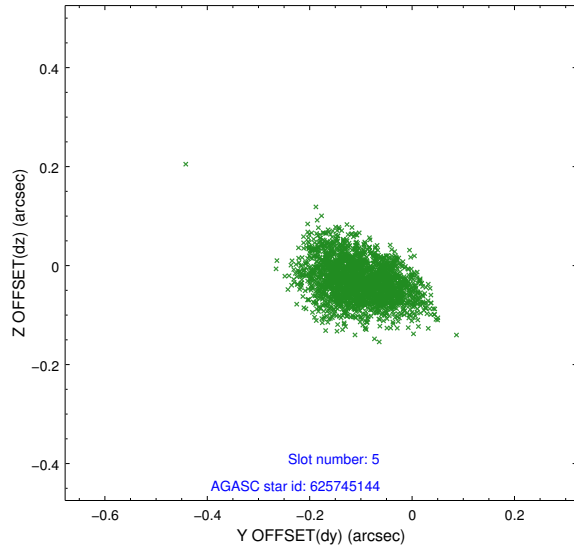
2.4.1 Slot 3



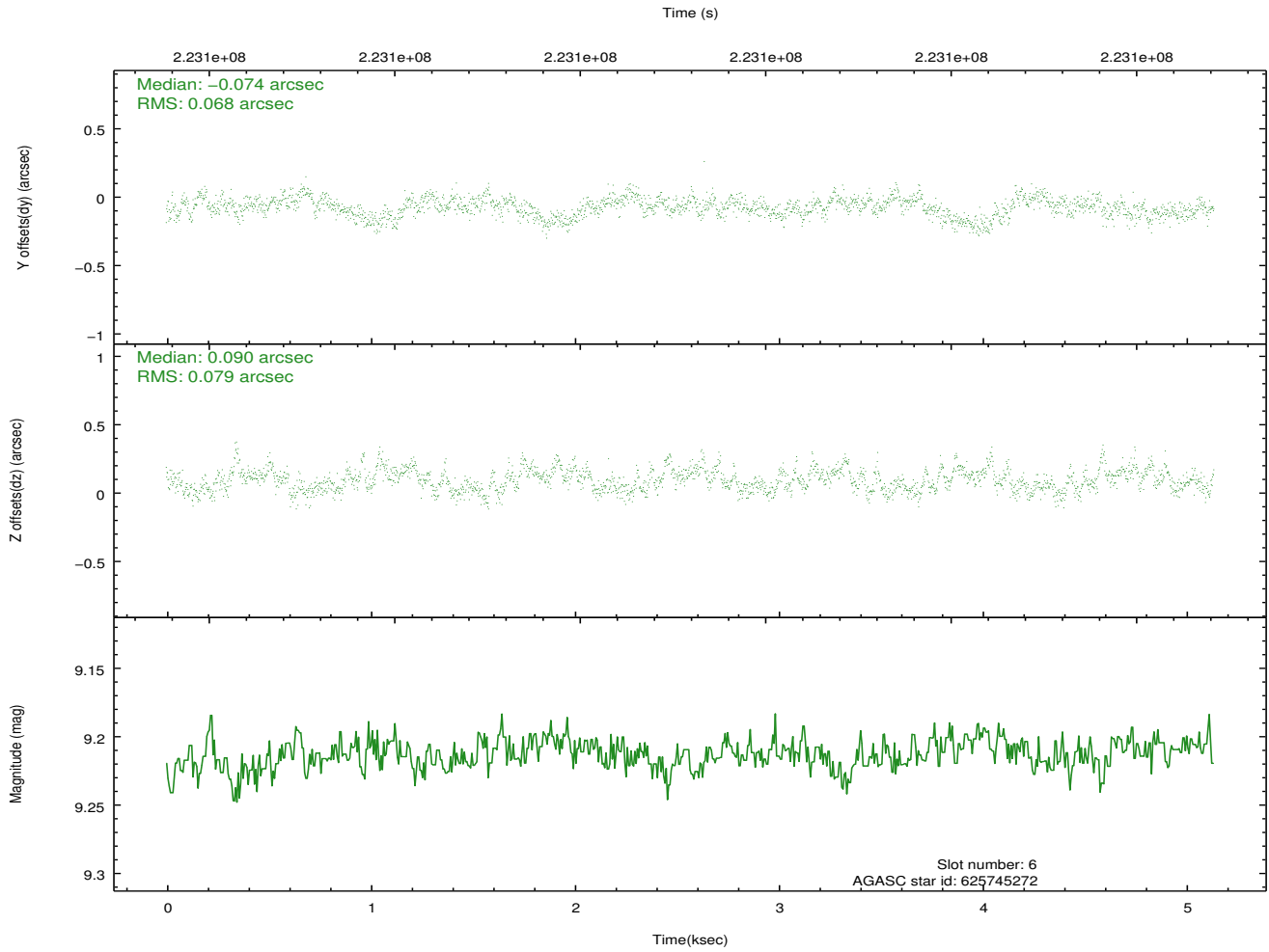
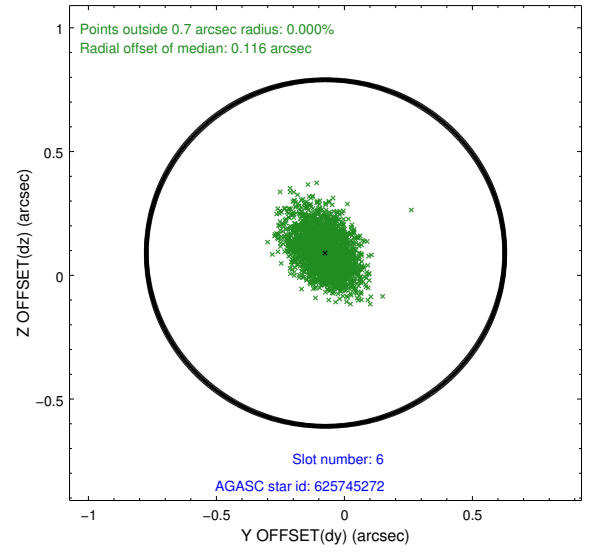
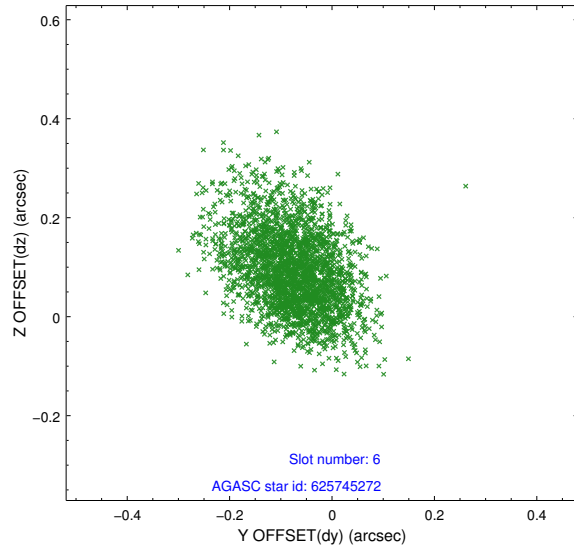
2.4.2 Slot 4



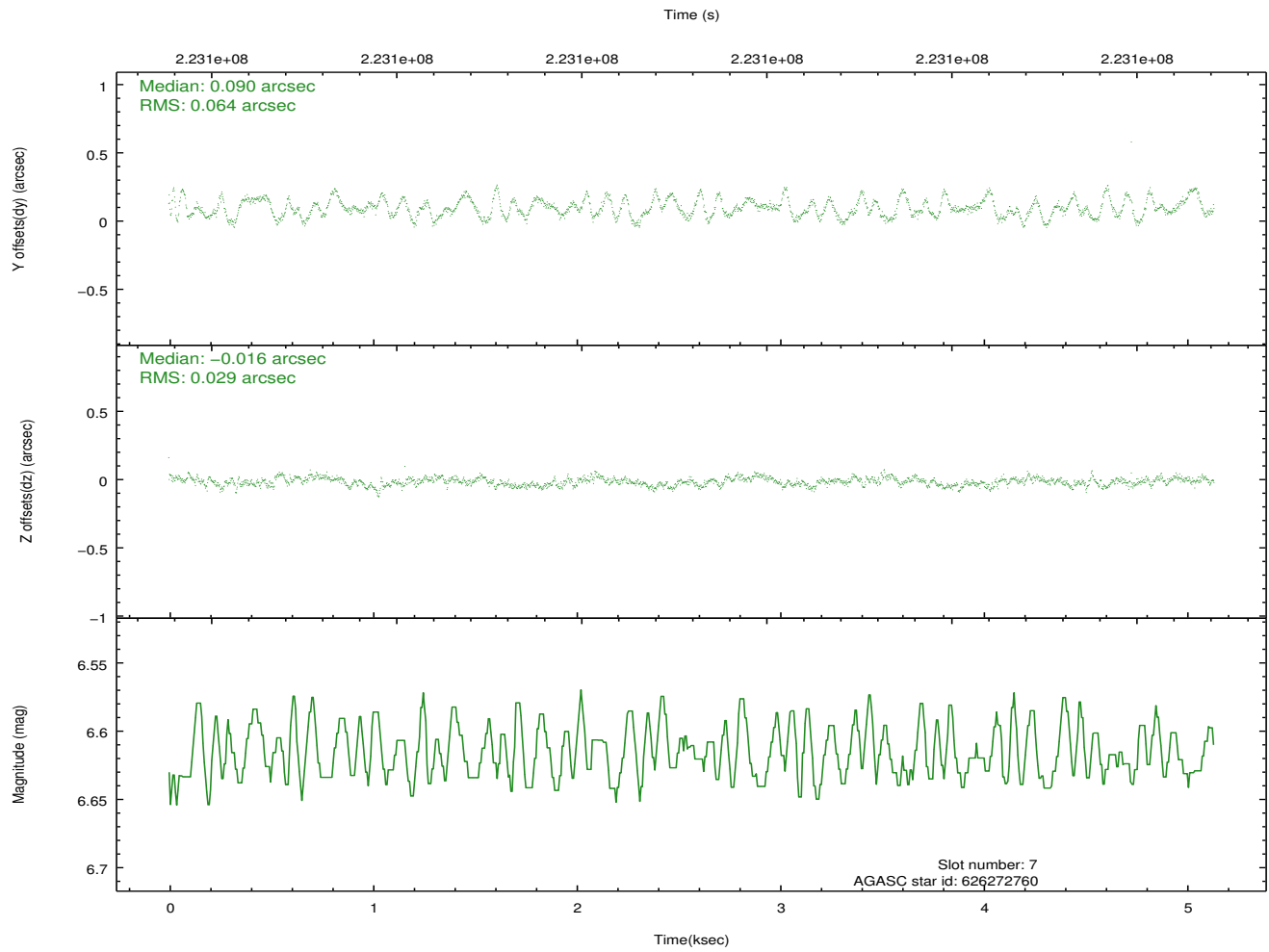
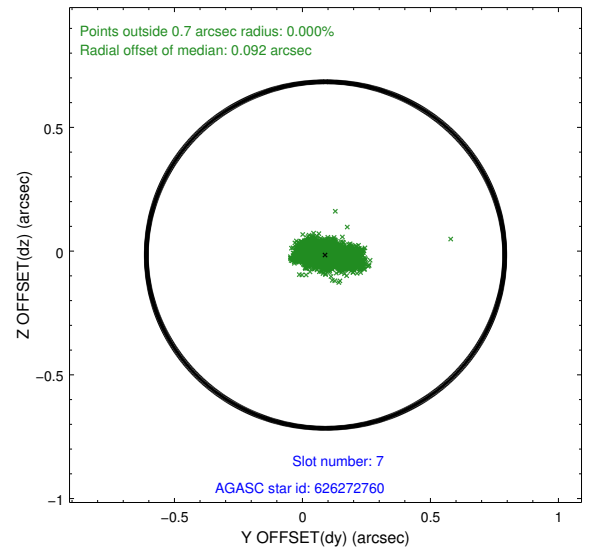
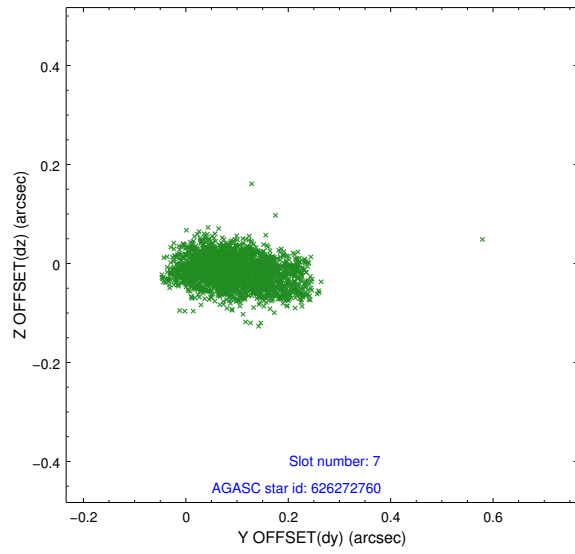
2.4.3 Slot 5



2.4.4 Slot 6

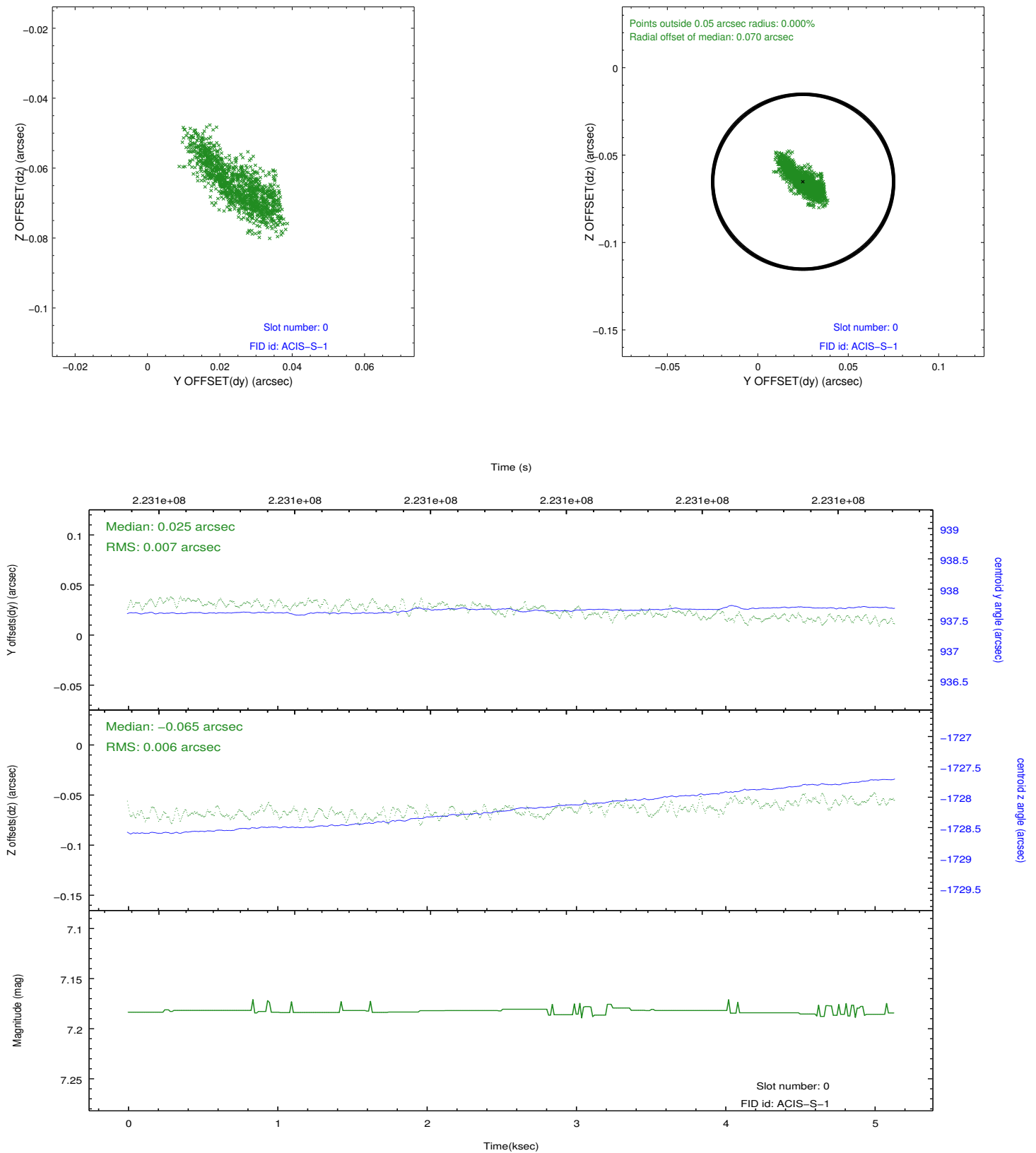


2.4.5 Slot 7

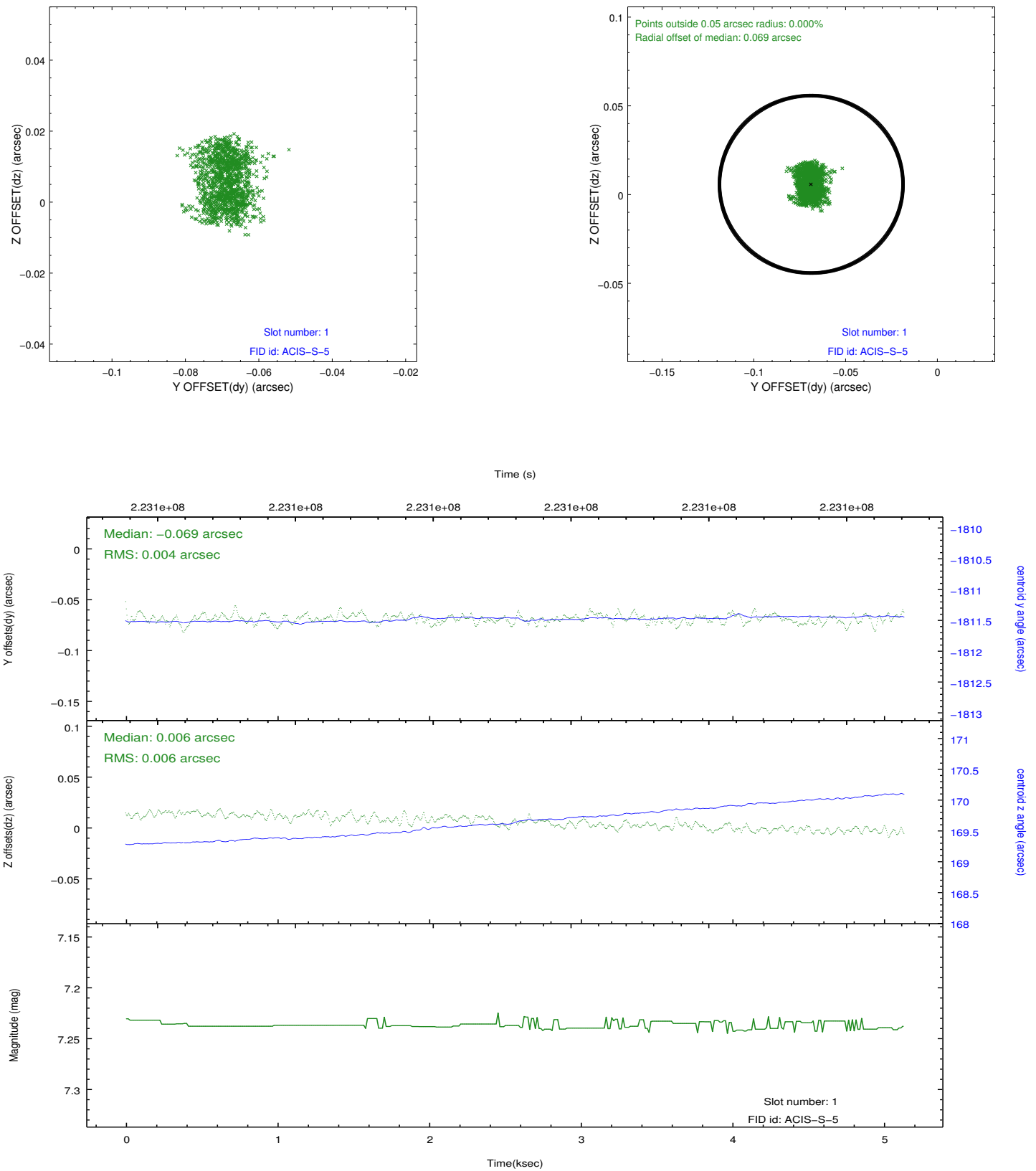


2.5 FID Slots

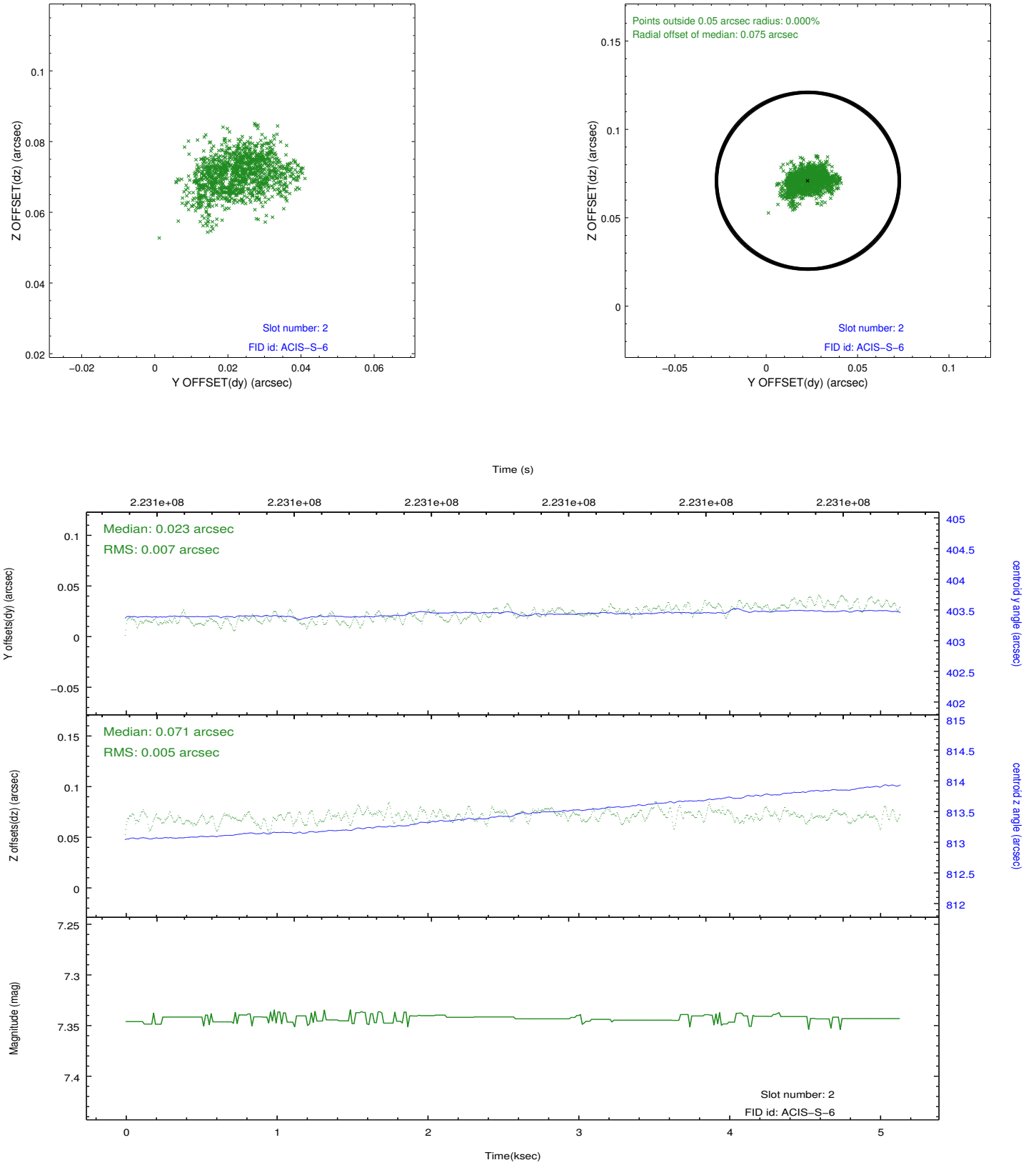
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1364

A.2 Comments