

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4796 - L2 Version 3
Chandra X-Ray Center

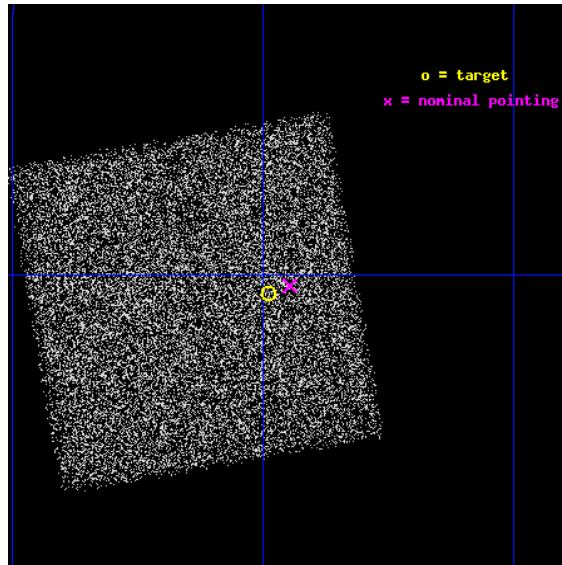
L2 Processing Date : Dec 1 2012

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1 Front

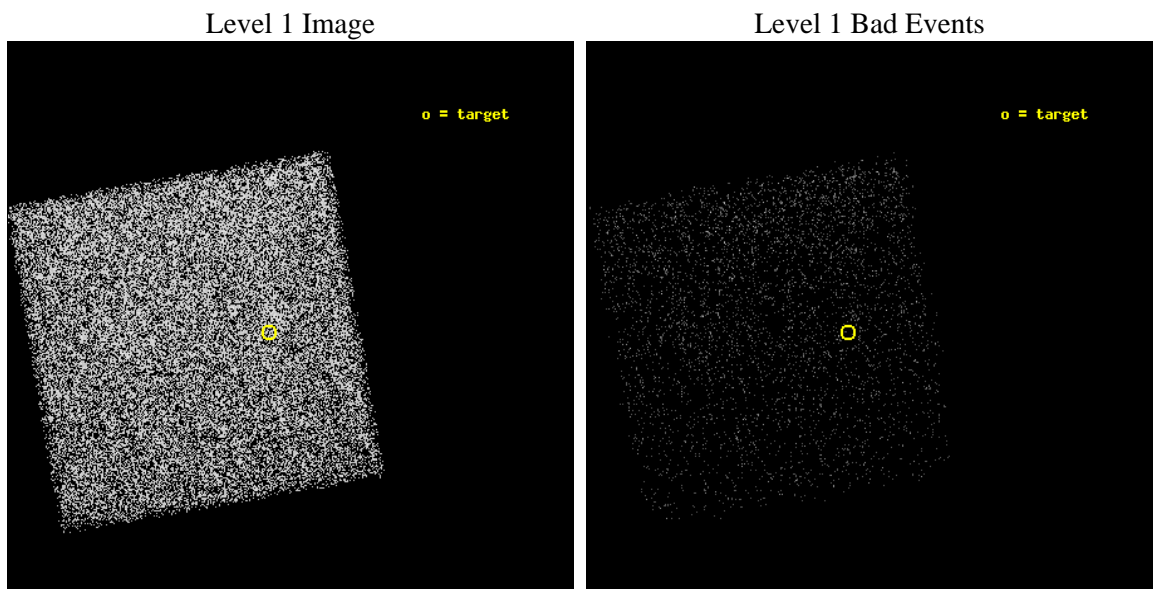
seq_num	700879	Sequence number
obs_id	4796	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1530-4898	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	232.747083	Observer's specified target RA [deg]
dec_targ	28.992306	Observer's specified target Dec [deg]
ra_nom	232.73674494145	Nominal RA [deg]
dec_nom	28.995552319972	Nominal Dec [deg]
roll_nom	170.1141692047	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4665.0	Sum of GTIs [s]
livetime	4602.0440375661	Livetime [s]
ontime7	4665.0	Sum of GTIs [s]
l2events	26661	Number of level 2 events



2 OBI

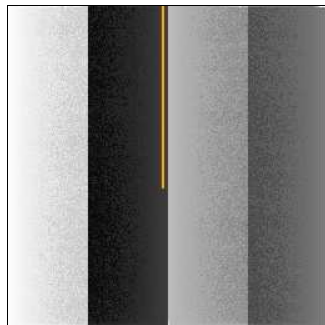
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4135.028000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4665.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4665.0	Sum of GTIs [s]
date	2012-12-01T01:41:25	Date and time of file creation	l1events	54771	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

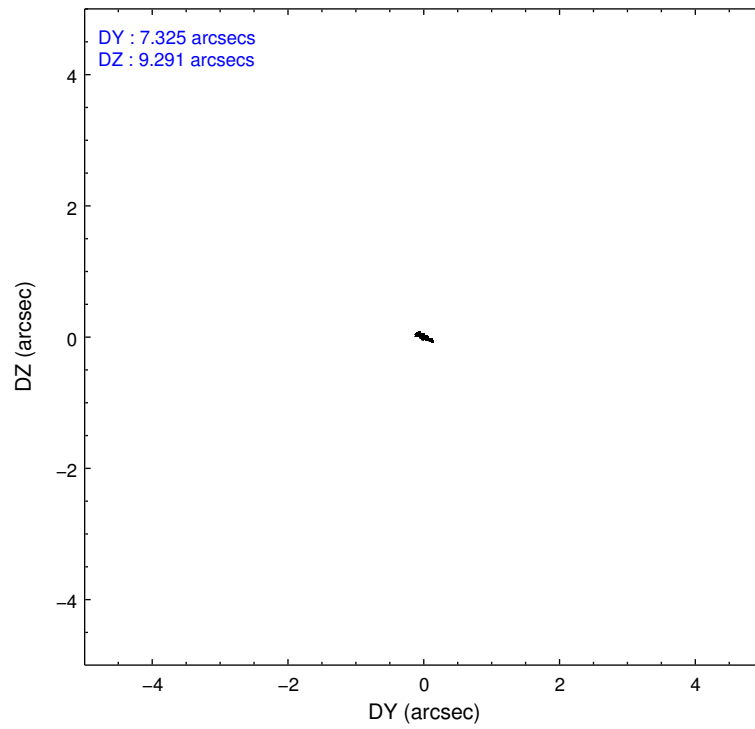
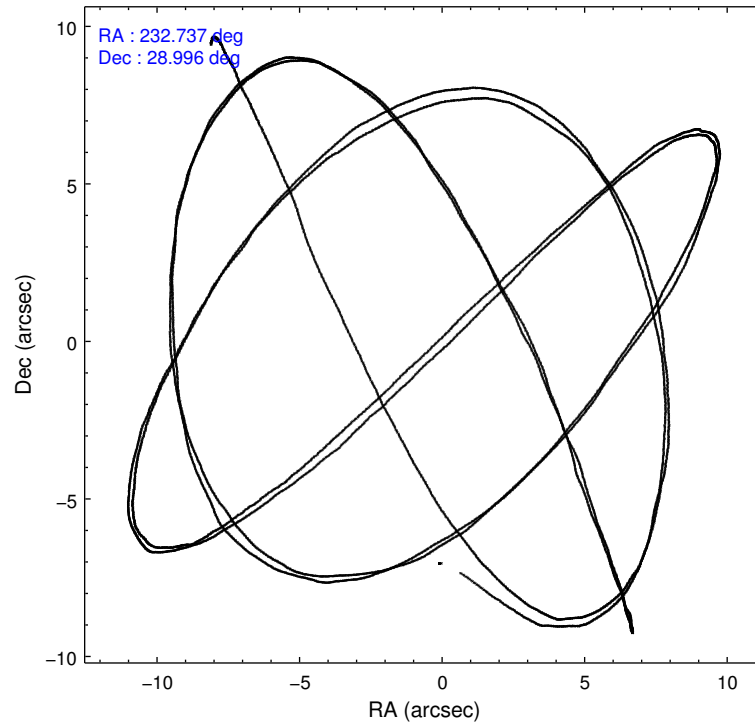
	ccd 7
level 1 events	54771
rejected events	27600
rejected %	50%

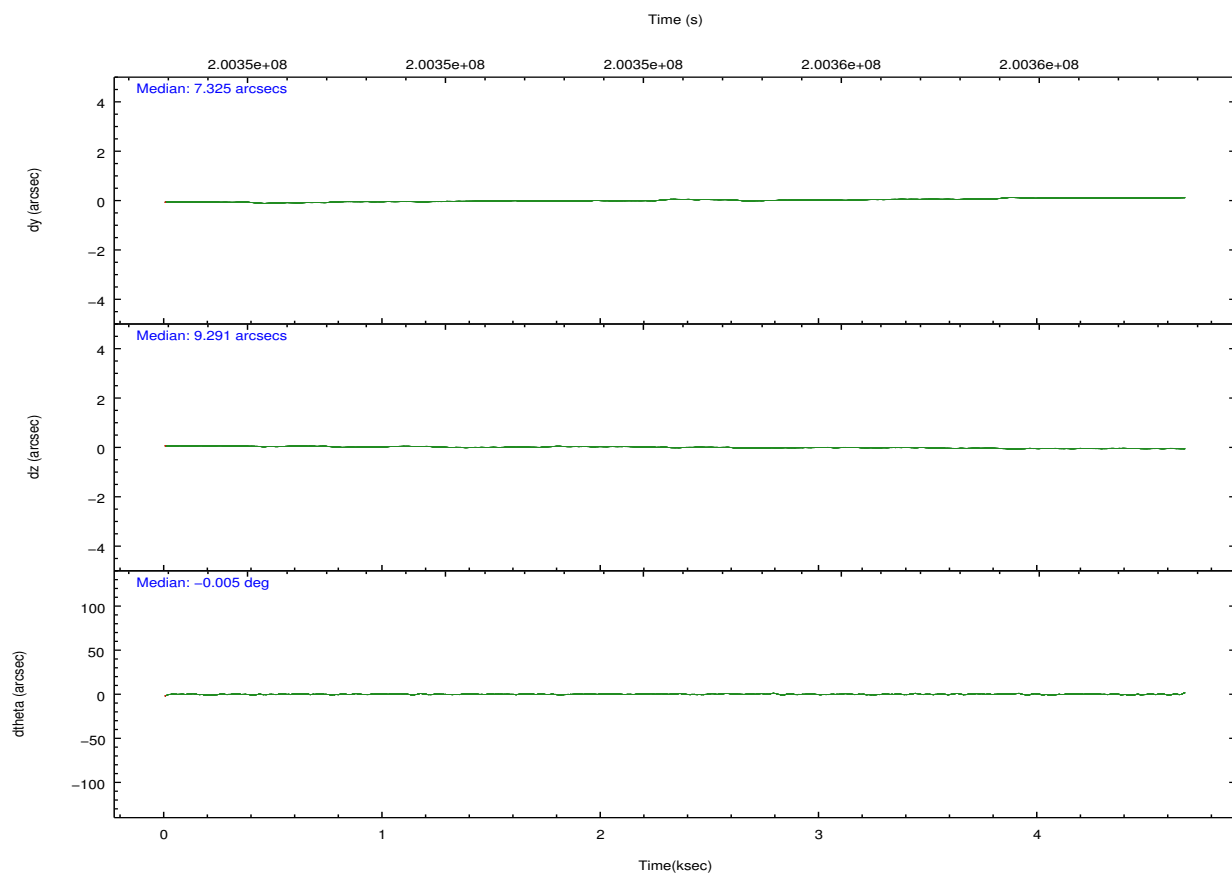
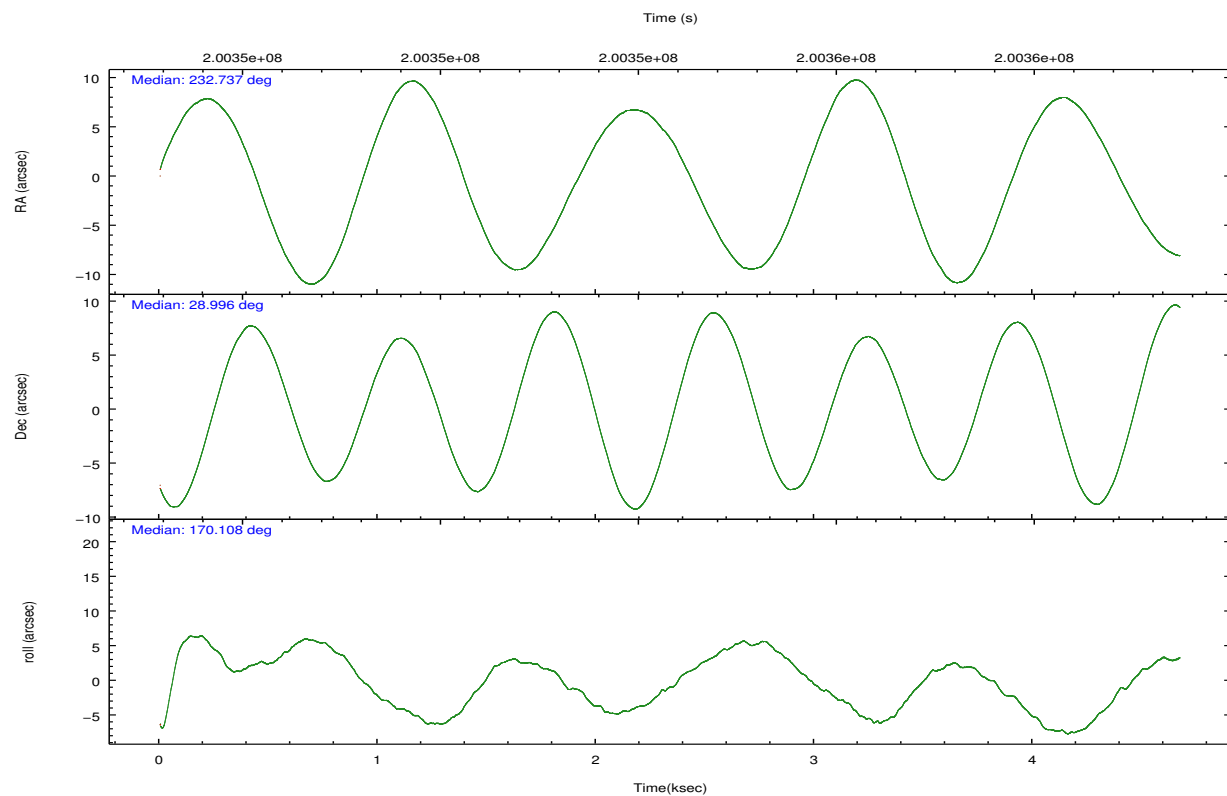
	ccd 7
grade 0 events	2715
	4%
grade 1 events	37
	0%
grade 2 events	5166
	9%
grade 3 events	2210
	4%
grade 4 events	2294
	4%
grade 5 events	4478
	8%
grade 6 events	15465
	28%
grade 7 events	22406
	40%

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	232.765787	232.7367449414467	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.005315	28.99555231997197	Alternating exposures requested	N	N
[deg] Pointing Roll	169.943488	170.1141692047009	[s] Primary exposure time	0.000000	3
[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)	200352369.184000	200351233.90721			
Observation start date	2004-05-07T21:25:05	2004-05-07T21:07:13			
[s] Observation end time (MET)	200356504.184000	200356818.10746			
Observation end date	2004-05-07T22:34:00	2004-05-07T22:40:18			
Read mode	TIMED	TIMED			

2.3 Aspect



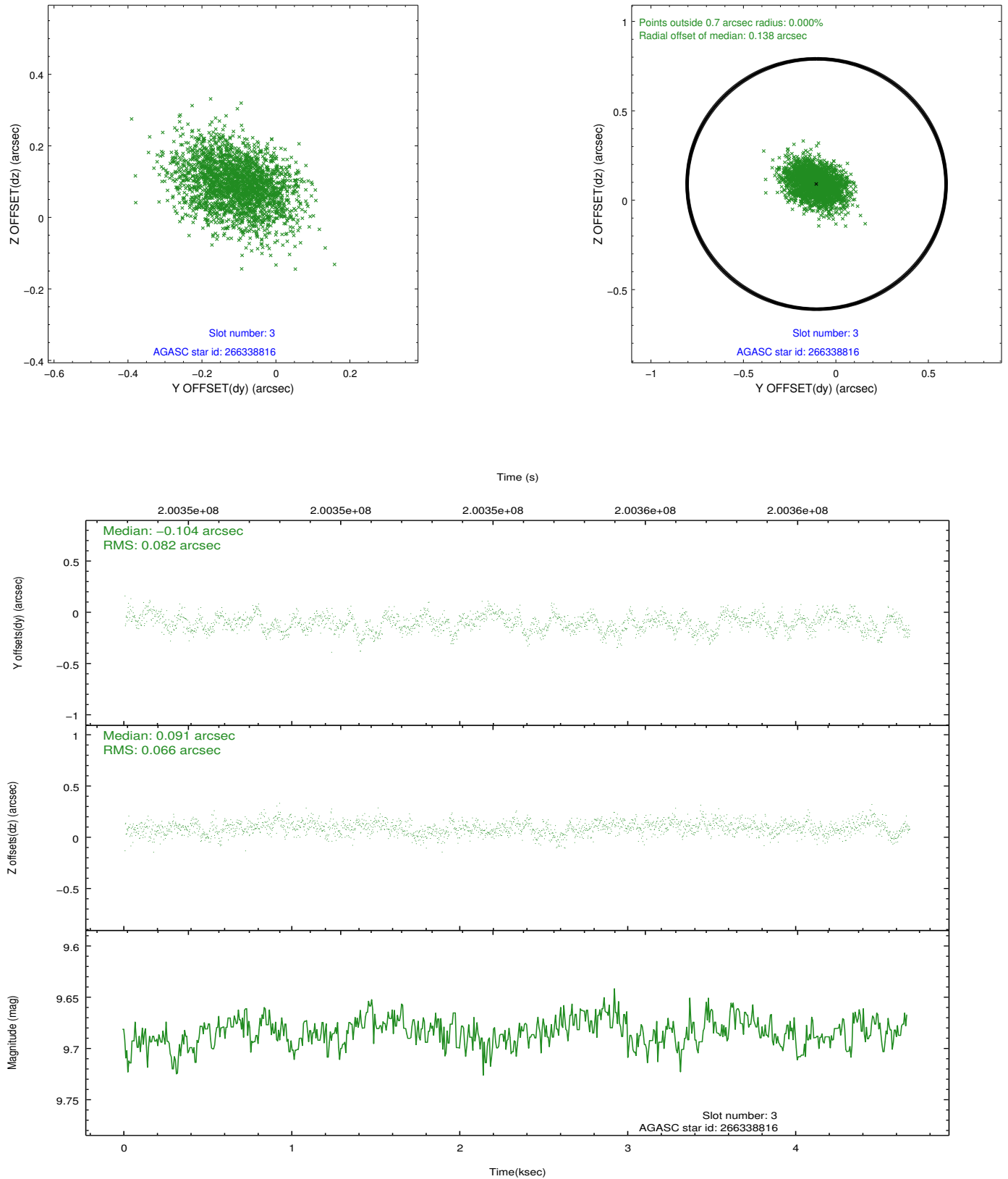


Slot Statistics

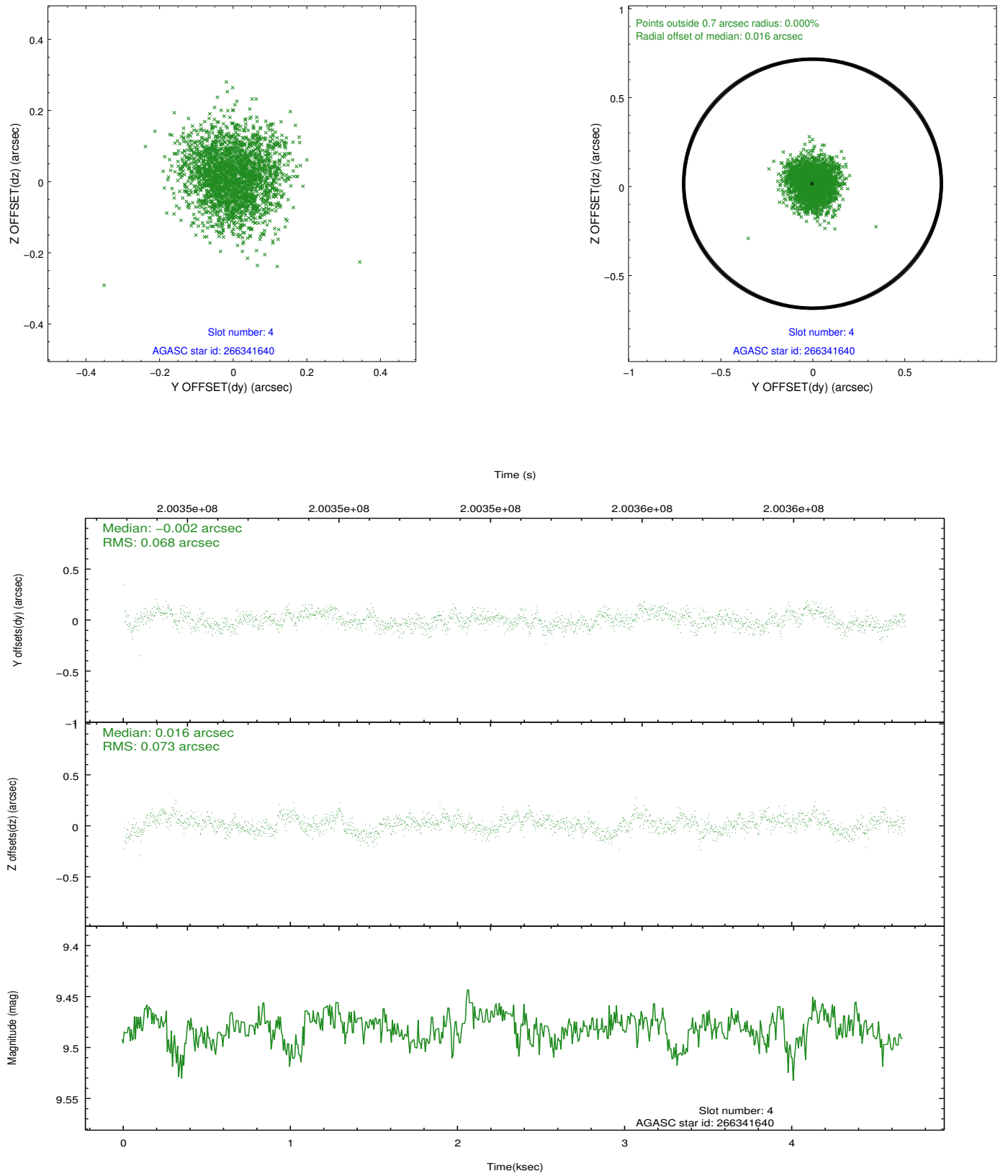
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1140	-0.034	-0.032	0.007	0.012	0.000000	0.000000	-760.11	-1730.56
1	FID	ACIS-S-4	7.20	1140	0.074	0.025	0.005	0.009	0.000000	0.000000	2152.66	176.66
2	FID	ACIS-S-5	7.23	1140	-0.071	0.016	0.007	0.011	0.000000	0.000000	-1811.32	171.77
3	GUIDE	266338816	9.68	2280	-0.104	0.091	0.112	0.183	233.277021	28.384860	-1983.68	1913.22
4	GUIDE	266341640	9.48	2280	-0.002	0.016	0.107	0.169	232.628690	28.610232	177.27	1477.14
5	GUIDE	266343832	9.25	2279	0.079	0.005	0.089	0.139	232.610121	29.317678	678.25	-1021.36
6	GUIDE	266344664	9.66	2278	0.071	-0.117	0.119	0.191	232.455750	28.949096	927.49	368.13
7	GUIDE	266348184	8.92	2274	-0.038	0.007	0.074	0.123	233.175776	28.686499	-1474.17	902.04

2.4 Star Slots

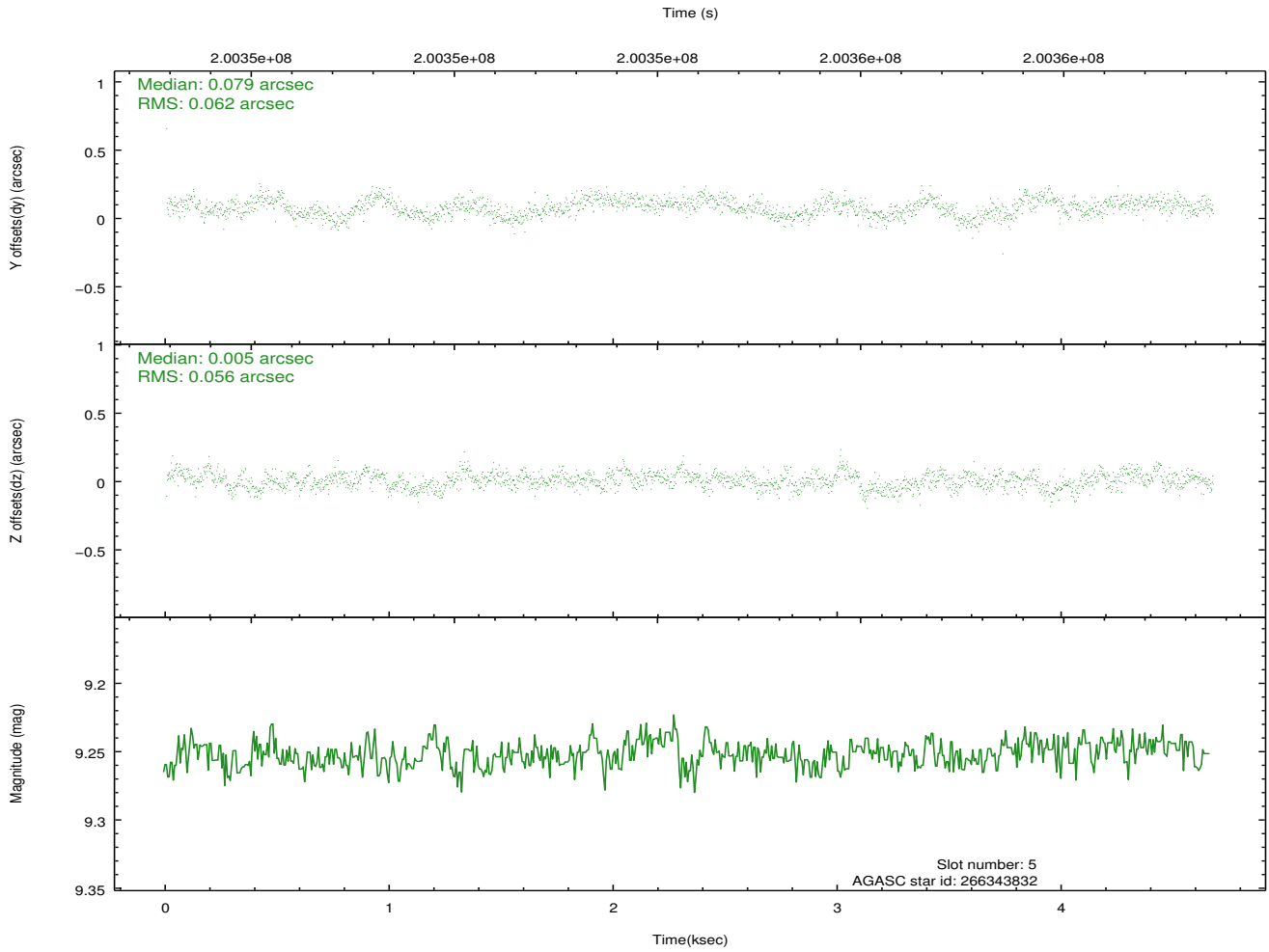
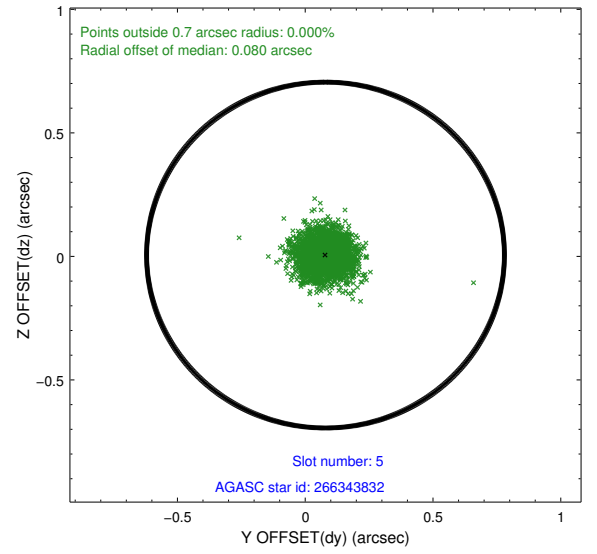
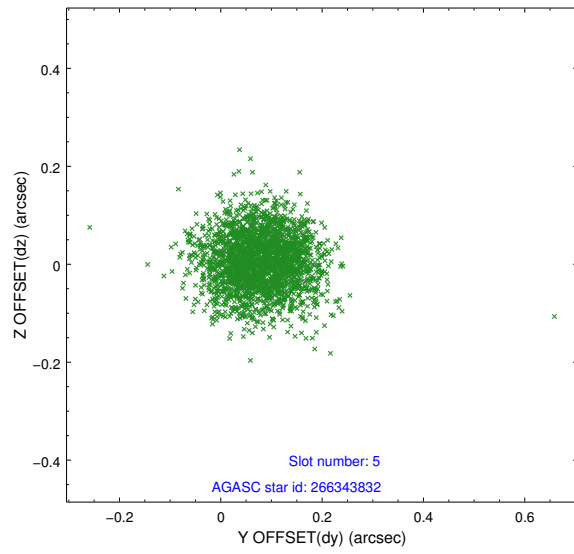
2.4.1 Slot 3



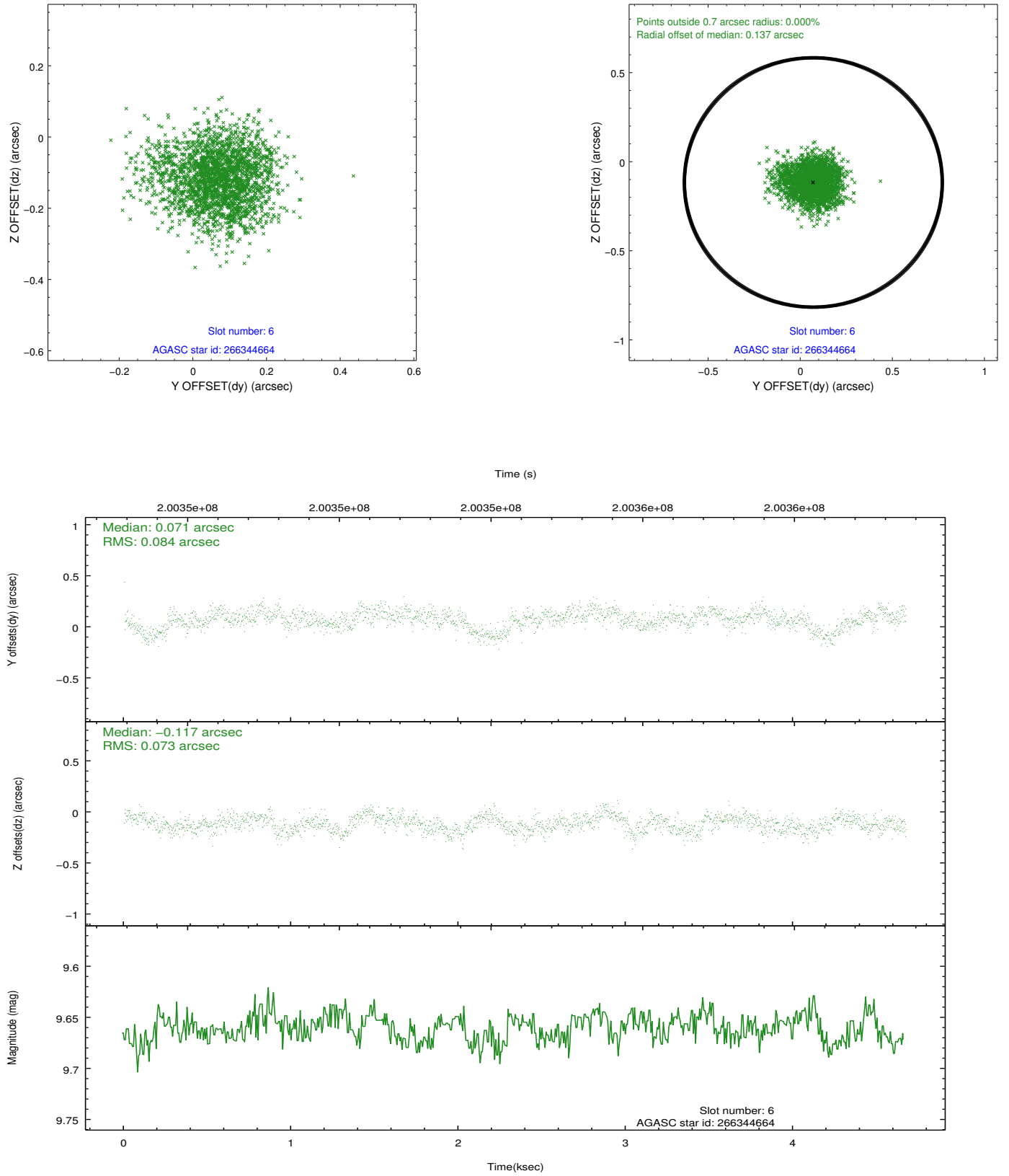
2.4.2 Slot 4



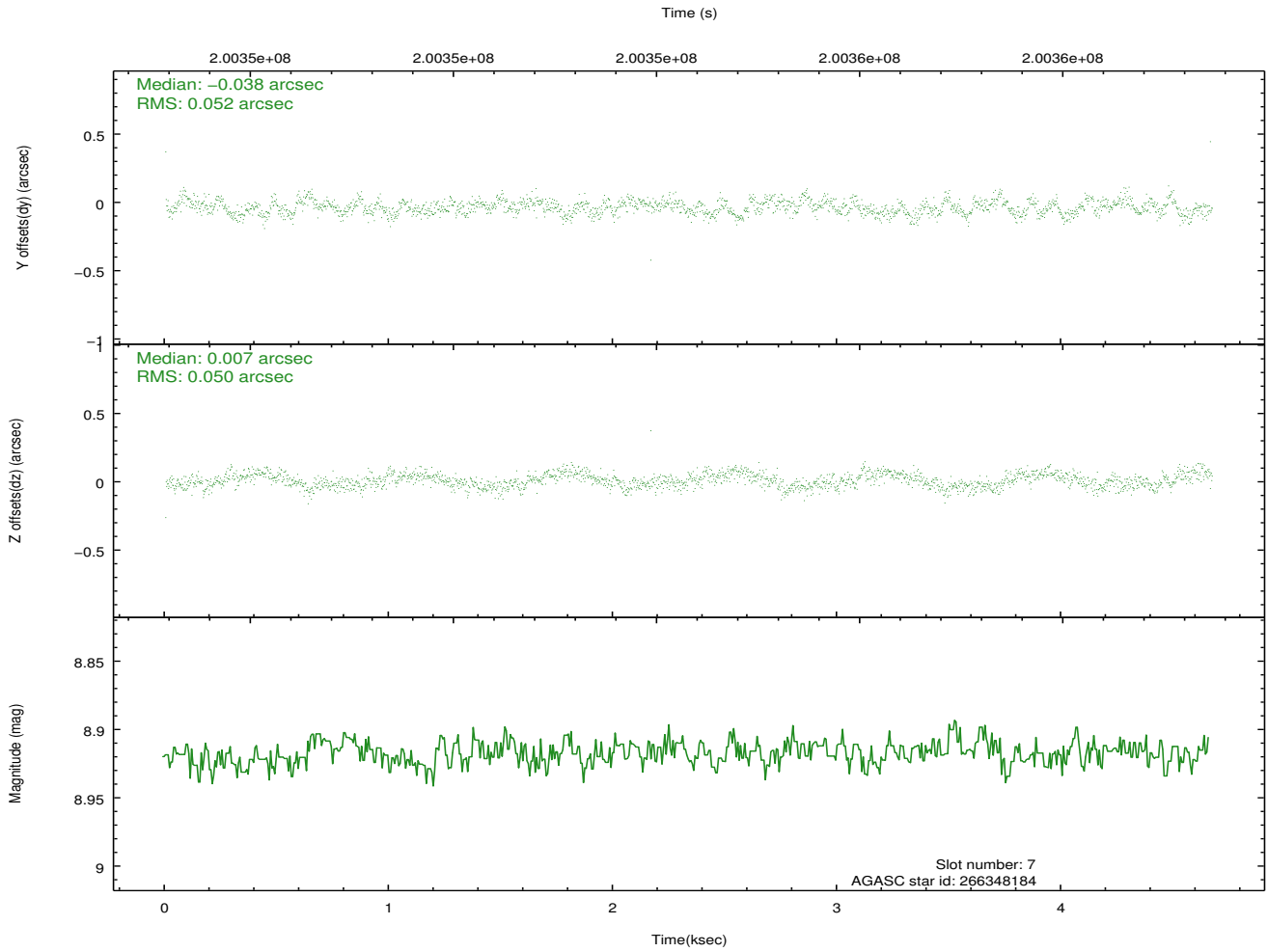
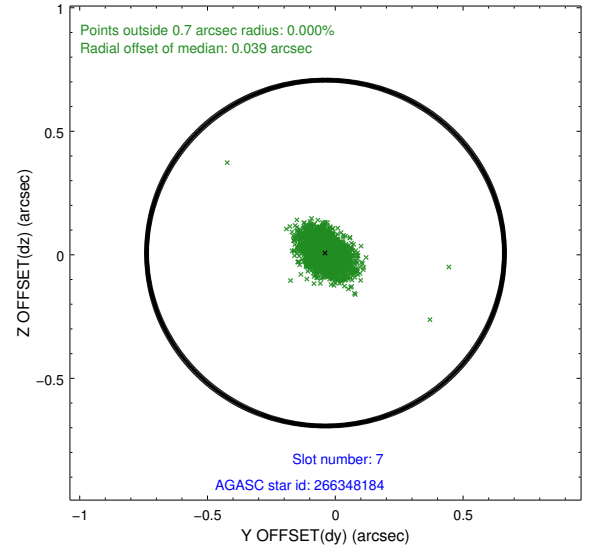
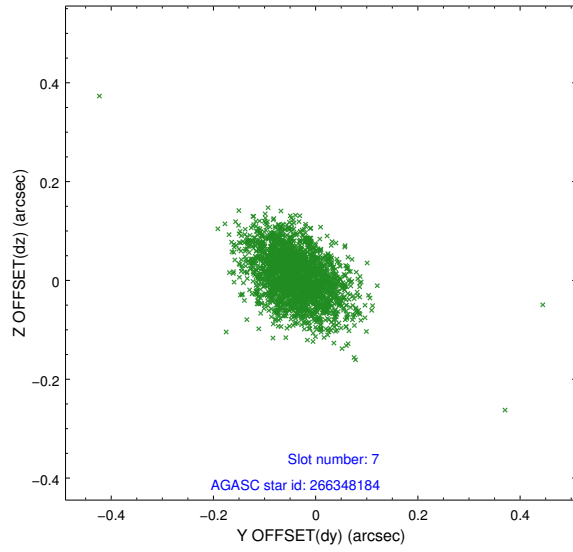
2.4.3 Slot 5



2.4.4 Slot 6

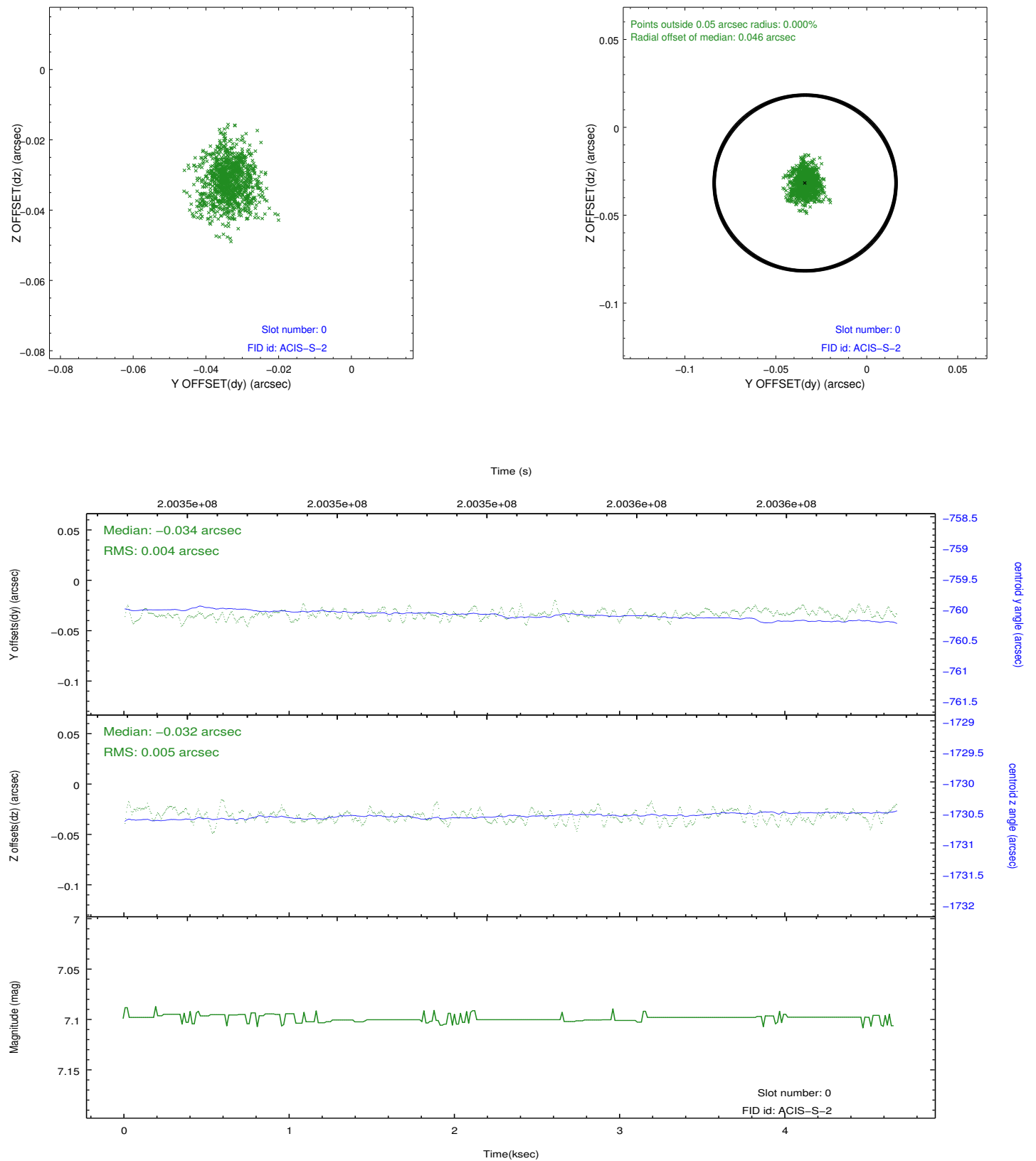


2.4.5 Slot 7

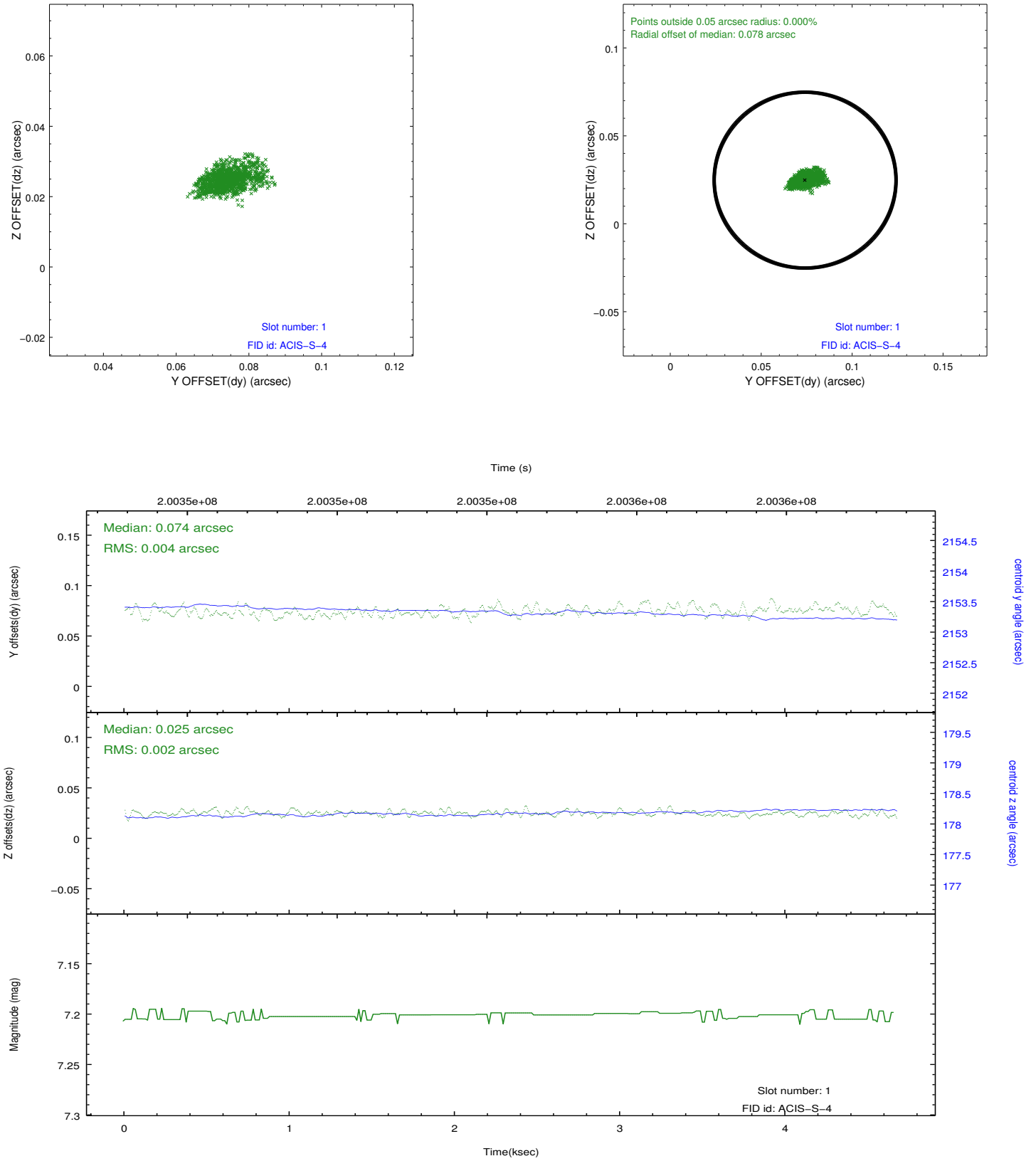


2.5 FID Slots

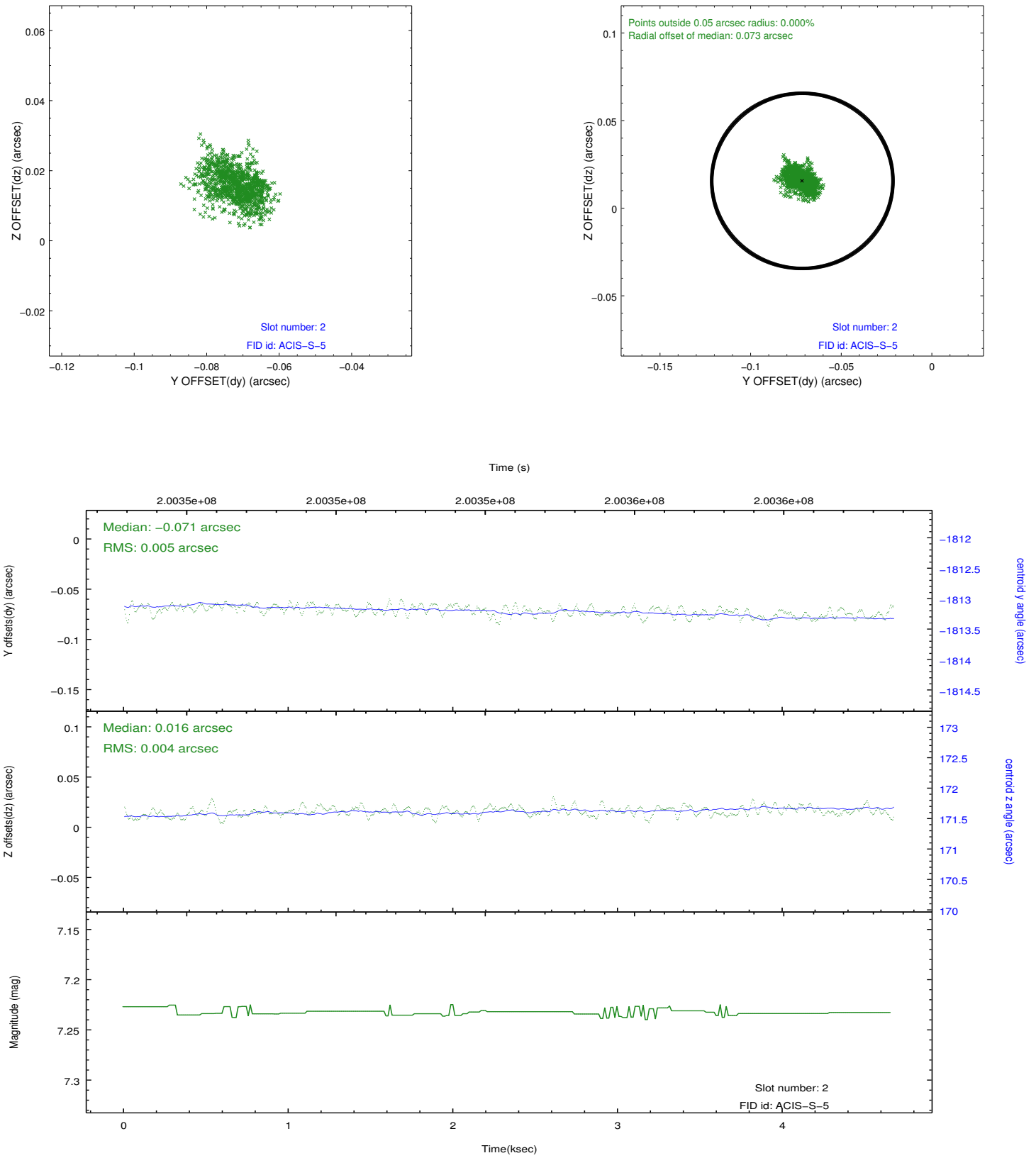
2.5.1 Slot 0



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)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.665

A.2 Comments