

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13316 - L2 Version 1
Chandra X-Ray Center

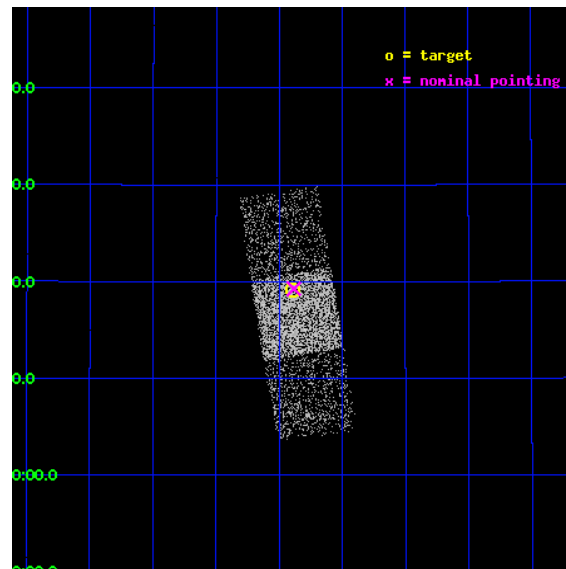
L2 Processing Date : Jan 12 2012

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1 Front

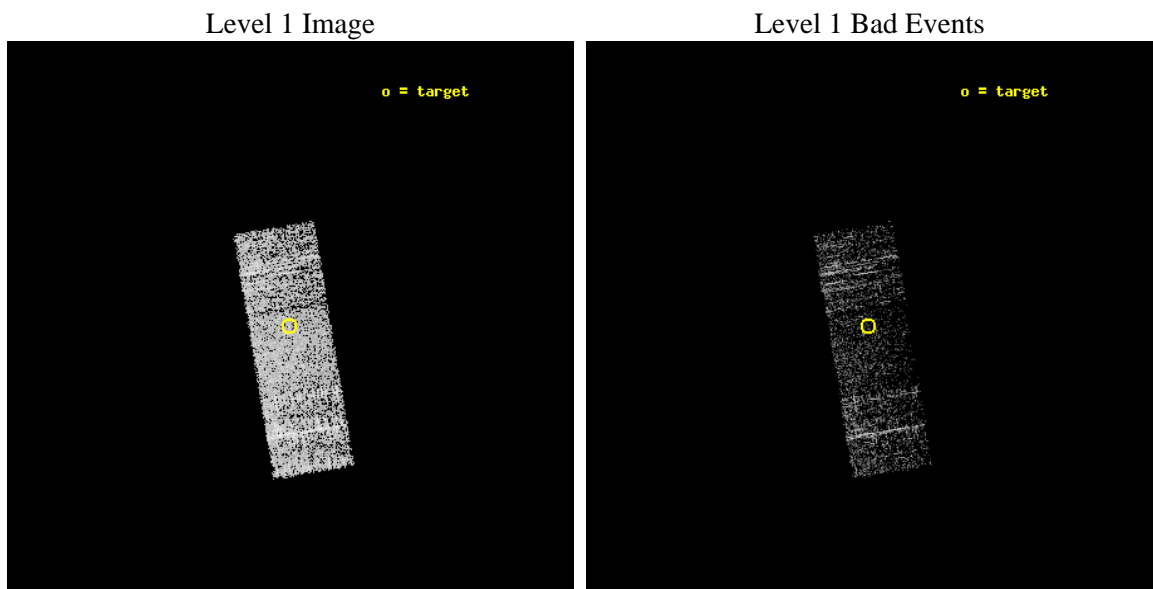
seq_num	702523	Sequence number
obs_id	13316	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1150+2819	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	177.598333	Observer's specified target RA [deg]
dec_targ	28.318722	Observer's specified target Dec [deg]
ra_nom	177.59590798482	Nominal RA [deg]
dec_nom	28.320920125501	Nominal Dec [deg]
roll_nom	80.520580962732	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1559.3000119925	Sum of GTIs [s]
livetime	1538.9266093958	Livetime [s]
ontime6	1559.3000119925	Sum of GTIs [s]
ontime7	1559.3000119925	Sum of GTIs [s]
ontime8	1559.3000119925	Sum of GTIs [s]
l2events	6606	Number of level 2 events



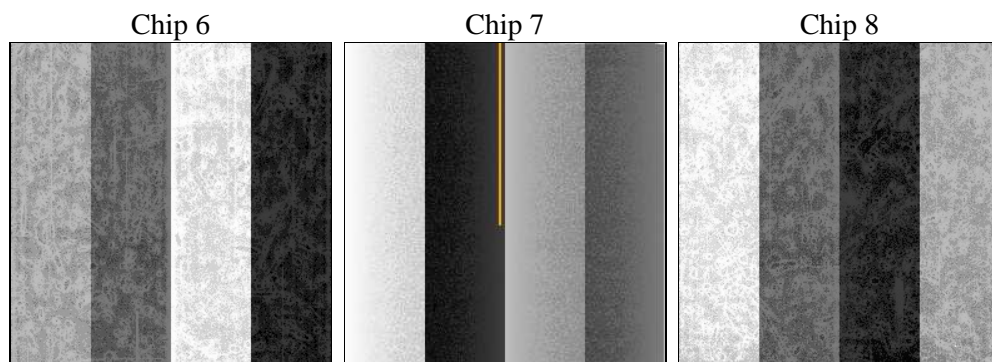
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1559.3000119925	Sum of GTIs [s]
caldsver	4.4.7	 	ontime6	1559.3000119925	Sum of GTIs [s]
date	2012-01-12T09:07:51	Date and time of file creation	ontime7	1559.3000119925	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1559.3000119925	Sum of GTIs [s]
			l1events	30508	Number of level 1 events

2.1.4 Events

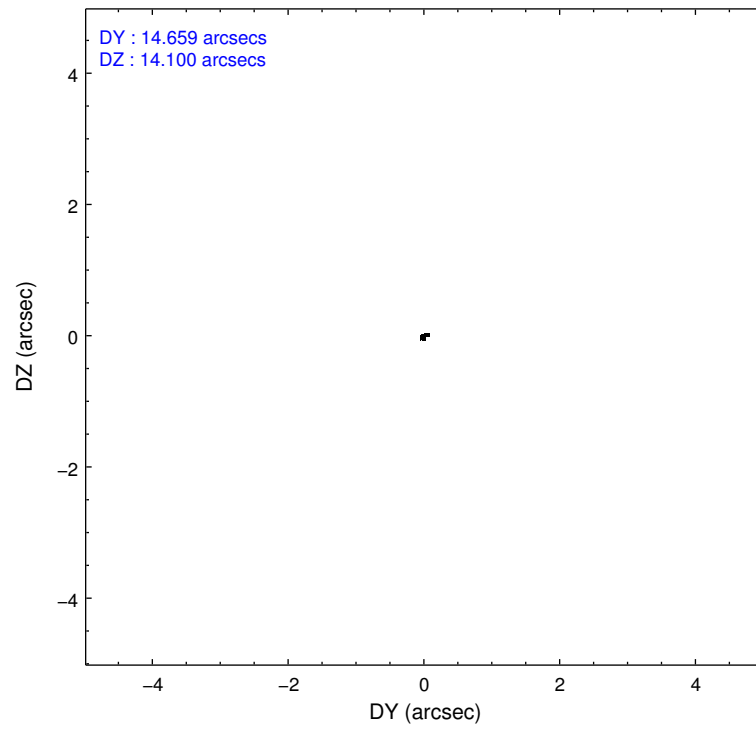
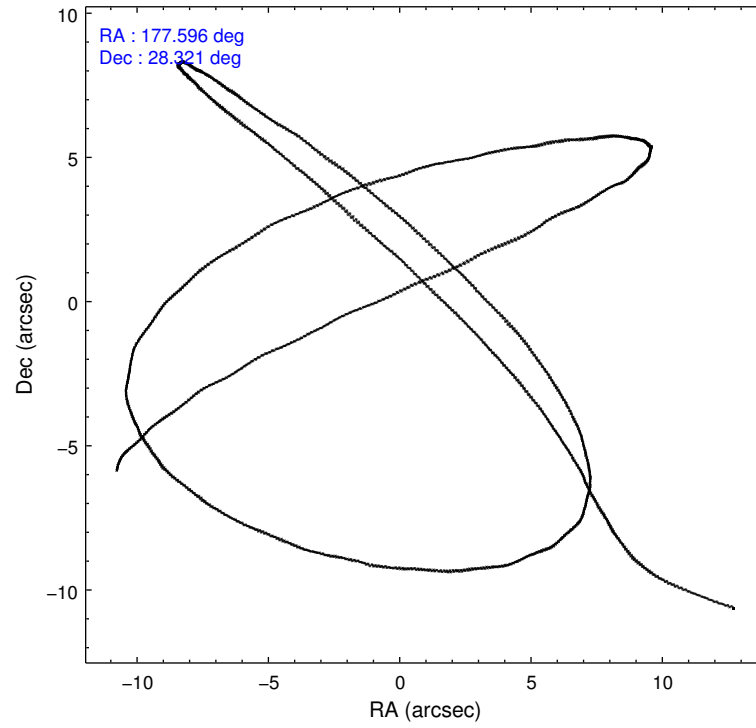
	ccd 6	ccd 7	ccd 8
level 1 events	8769	9910	11829
rejected events	7715	5087	8253
rejected %	87%	51%	69%

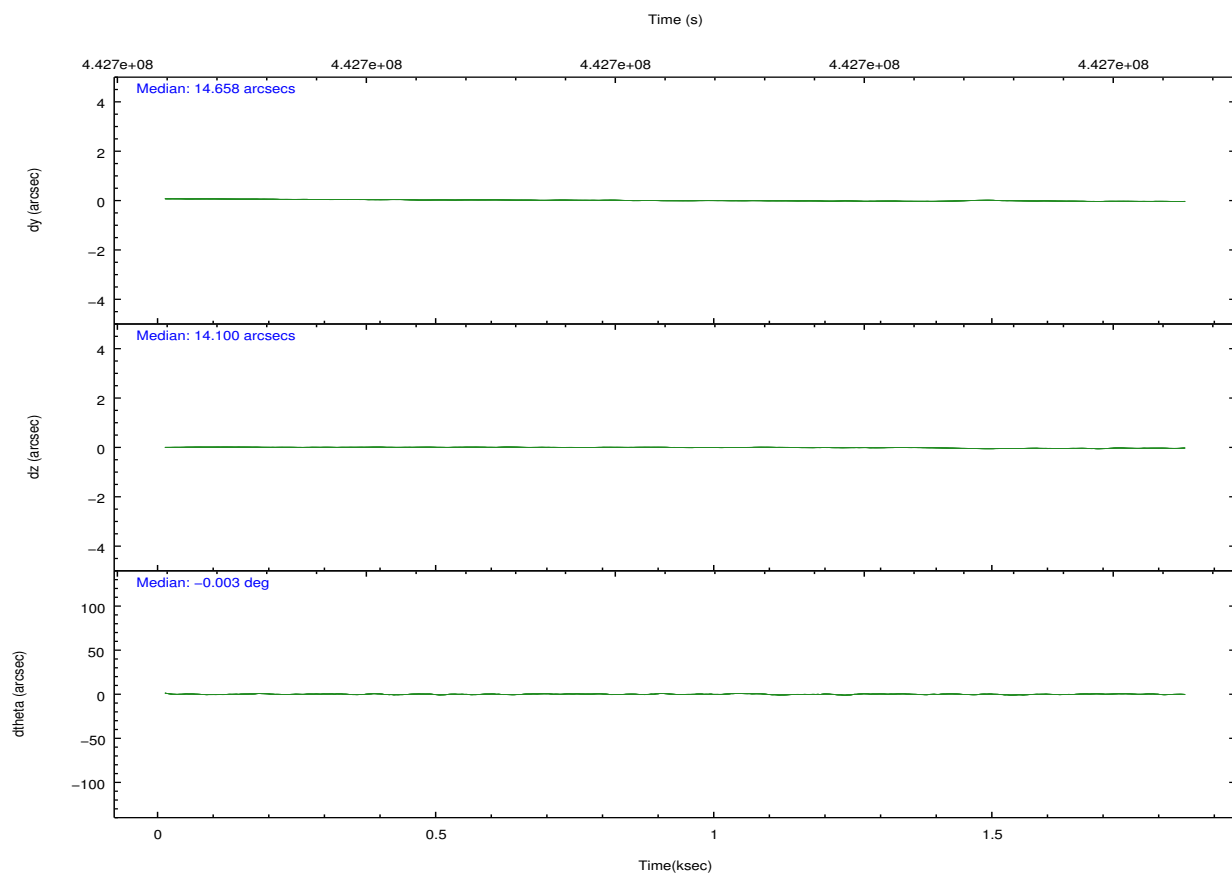
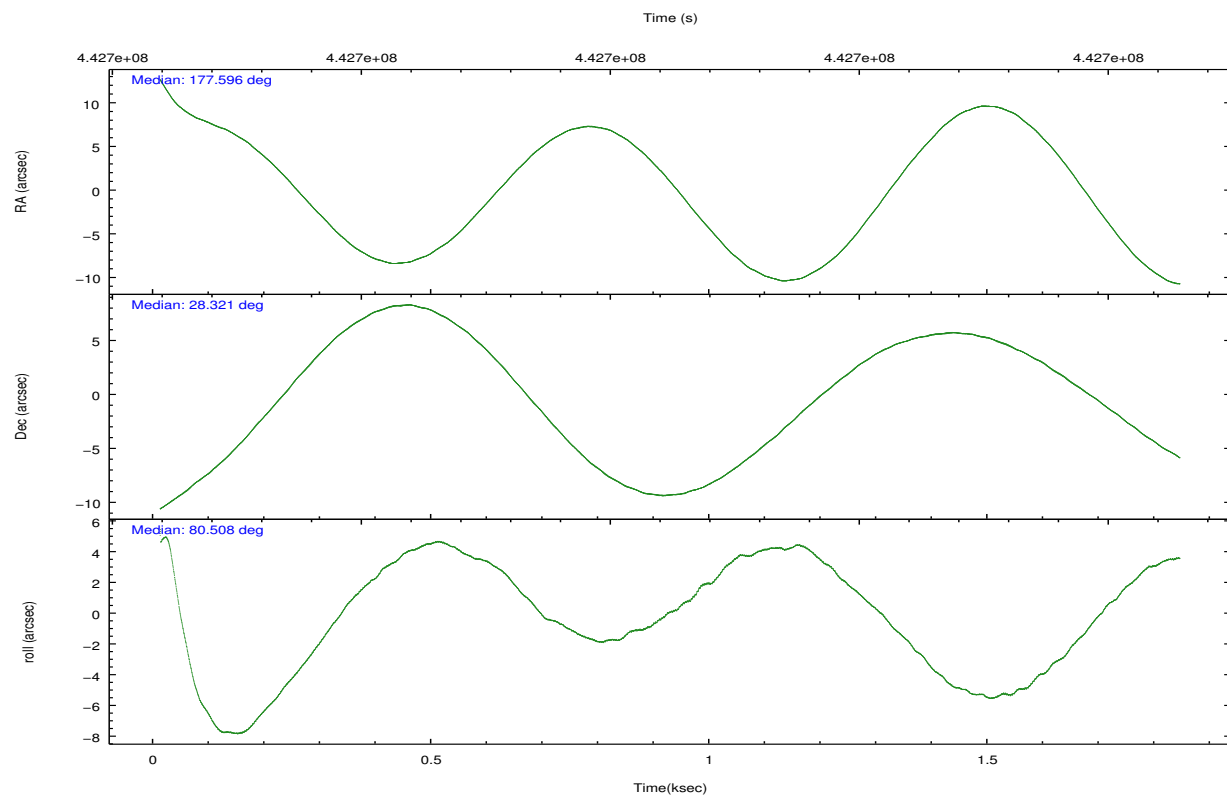
	ccd 6	ccd 7	ccd 8
grade 0 events	358	439	1014
	4%	4%	8%
grade 1 events	3	17	6
	0%	0%	0%
grade 2 events	247	1045	817
	2%	10%	6%
grade 3 events	103	422	439
	1%	4%	3%
grade 4 events	102	422	373
	1%	4%	3%
grade 5 events	423	1077	587
	4%	10%	4%
grade 6 events	244	2503	934
	2%	25%	7%
grade 7 events	7289	3985	7659
	83%	40%	64%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	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	177.607062	177.5959079848155	Subarray requested	NONE	NONE
[deg] Pointing Dec	28.295266	28.32092012550105	Alternating exposures requested	N	N
[deg] Pointing Roll	80.358558	80.52058096273157	[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)	442696539.184000	442695654.12011			
Observation start date	2012-01-11T19:14:33	2012-01-11T19:00:54			
[s] Observation end time (MET)	442698039.184000	442698728.09527			
Observation end date	2012-01-11T19:39:33	2012-01-11T19:52:08			
Read mode	TIMED	TIMED			

2.3 Aspect



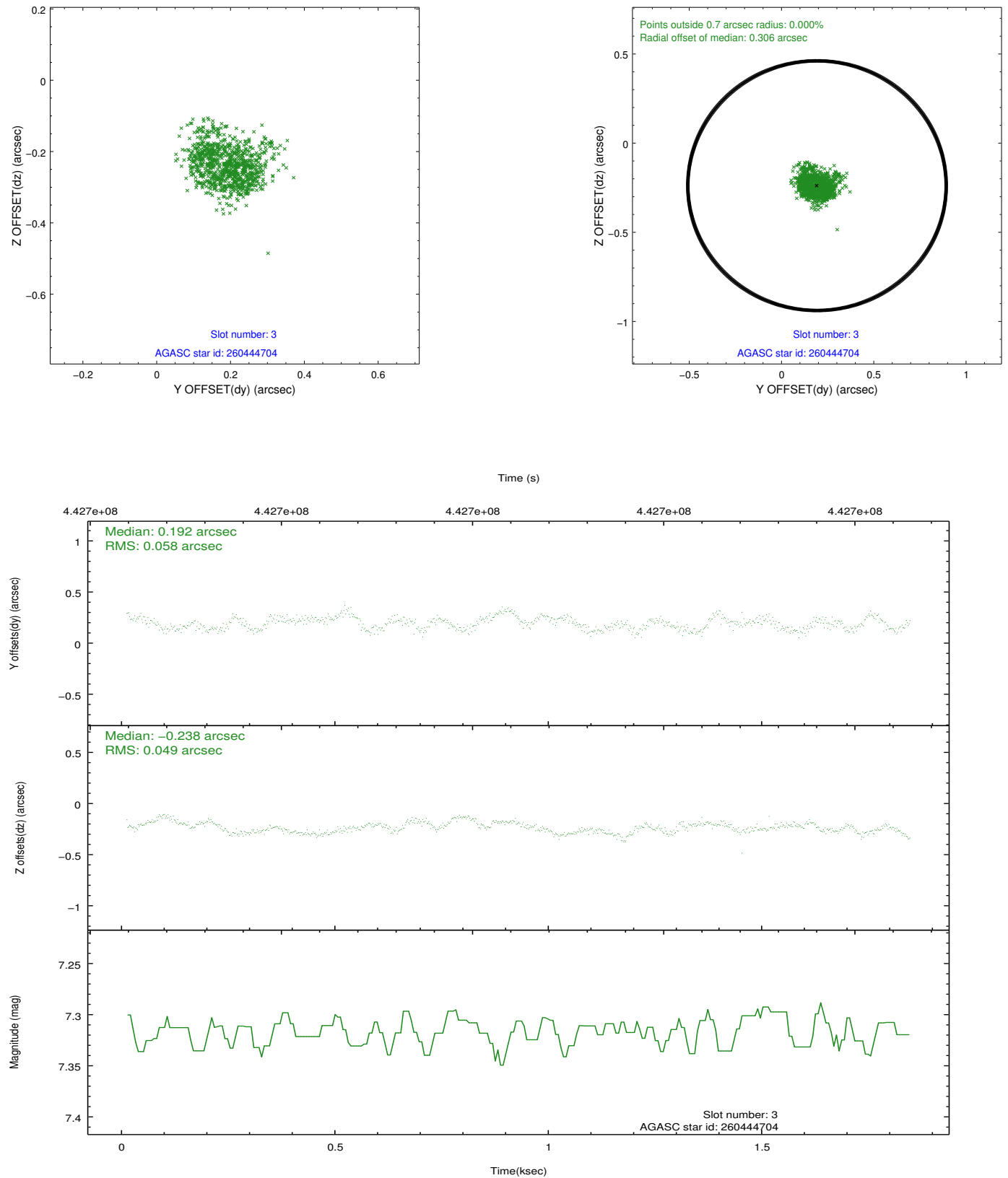


Slot Statistics

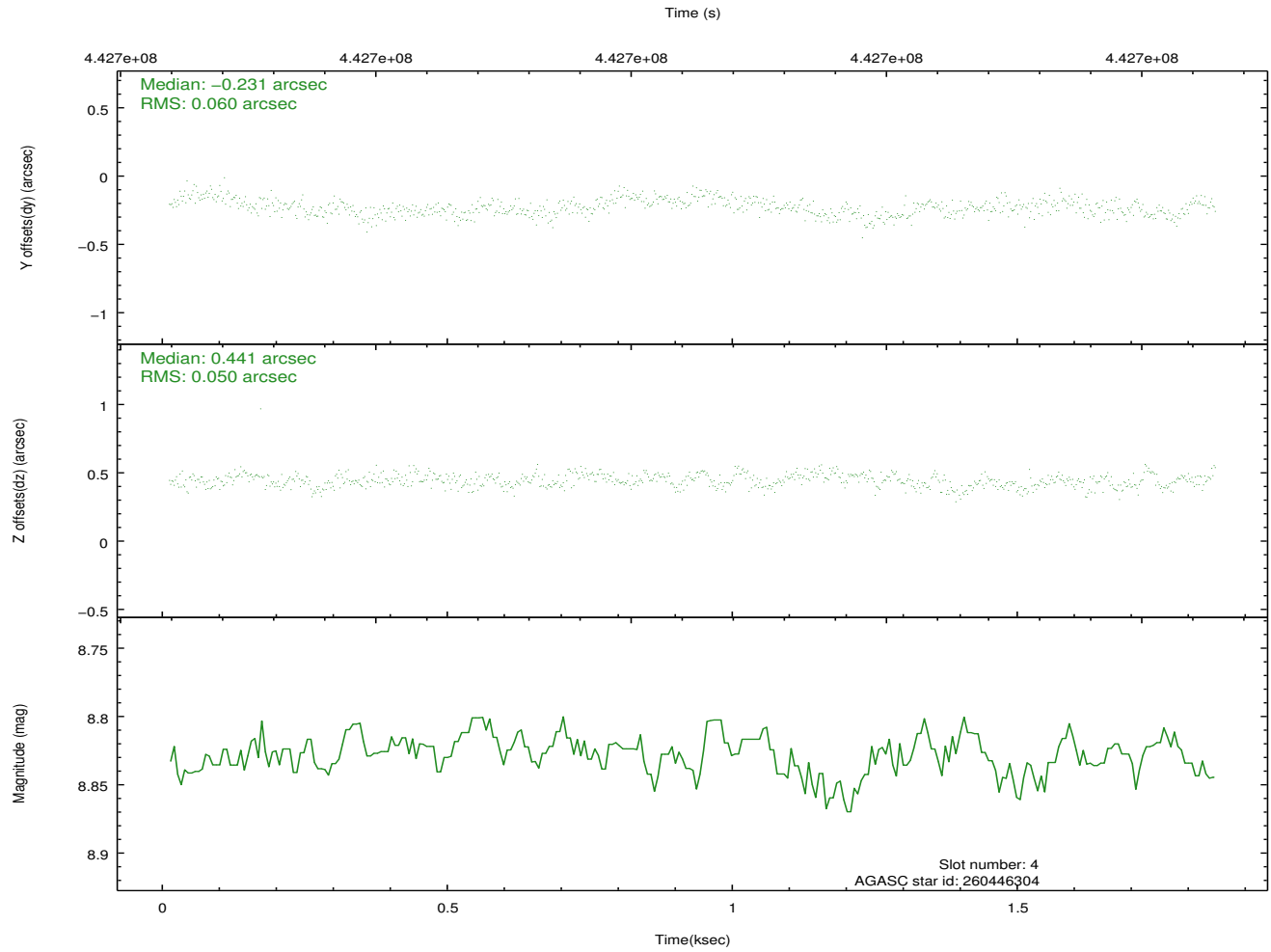
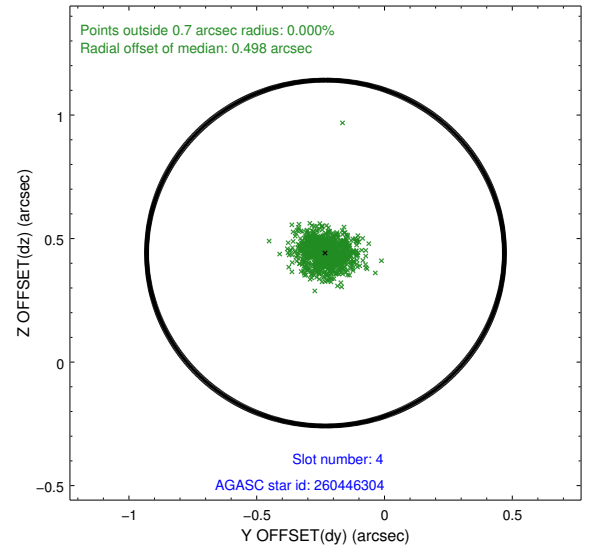
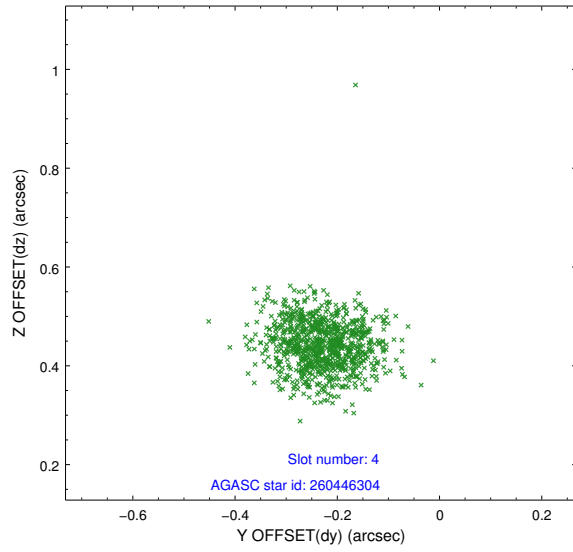
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.00	448	-0.105	-0.050	0.007	0.011	0.000000	0.000000	-767.75	-1735.49
1	FID	ACIS-S-4	7.08	448	0.258	0.064	0.005	0.010	0.000000	0.000000	2144.27	169.37
2	FID	ACIS-S-5	7.12	448	-0.185	-0.006	0.006	0.010	0.000000	0.000000	-1816.06	167.08
3	GUIDE	260444704	7.32	896	0.192	-0.238	0.081	0.127	177.301430	28.121400	-778.89	852.10
4	GUIDE	260446304	8.83	895	-0.231	0.441	0.083	0.131	178.188932	28.408610	714.05	-1745.37
5	GUIDE	260447496	8.15	896	0.080	0.180	0.085	0.149	178.194812	28.191526	-50.74	-1901.50
6	GUIDE	260451552	7.45	896	0.090	-0.350	0.058	0.096	177.105268	28.417021	168.17	1639.35
7	GUIDE	260454680	7.46	895	-0.128	-0.047	0.073	0.110	177.152355	28.799936	1552.80	1721.58

2.4 Star Slots

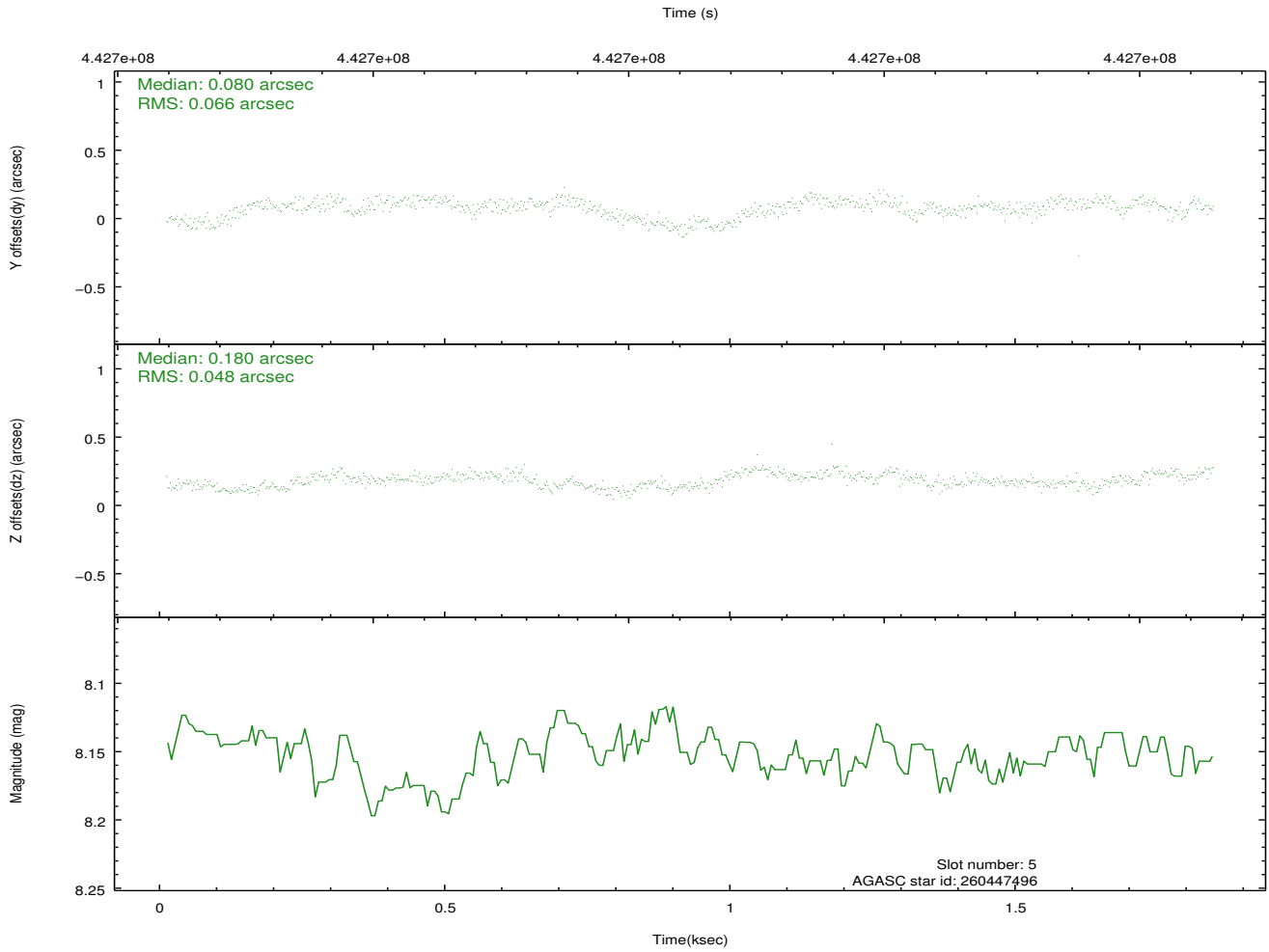
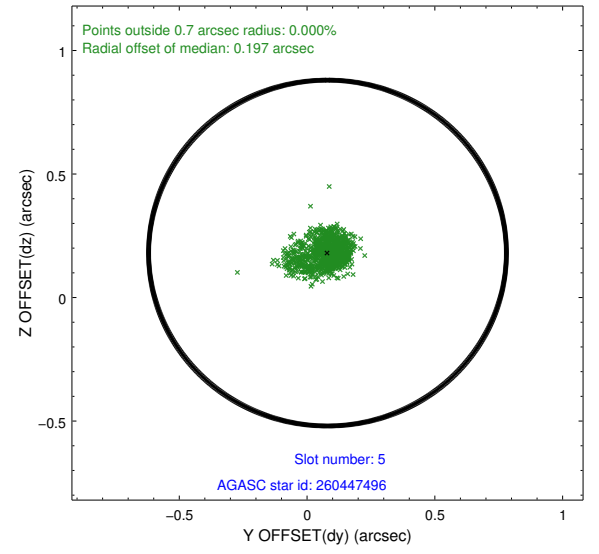
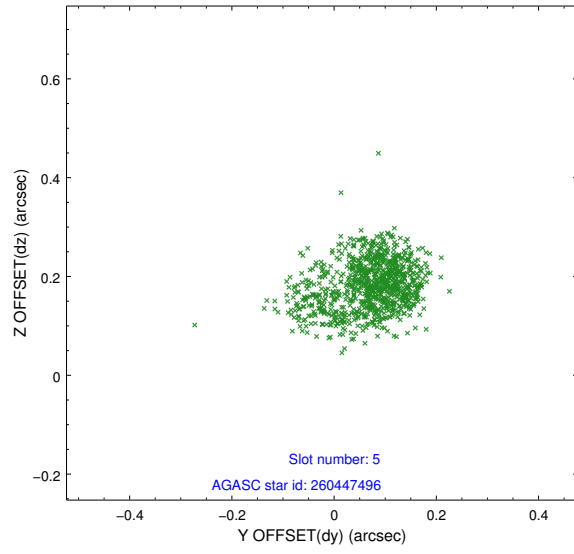
2.4.1 Slot 3



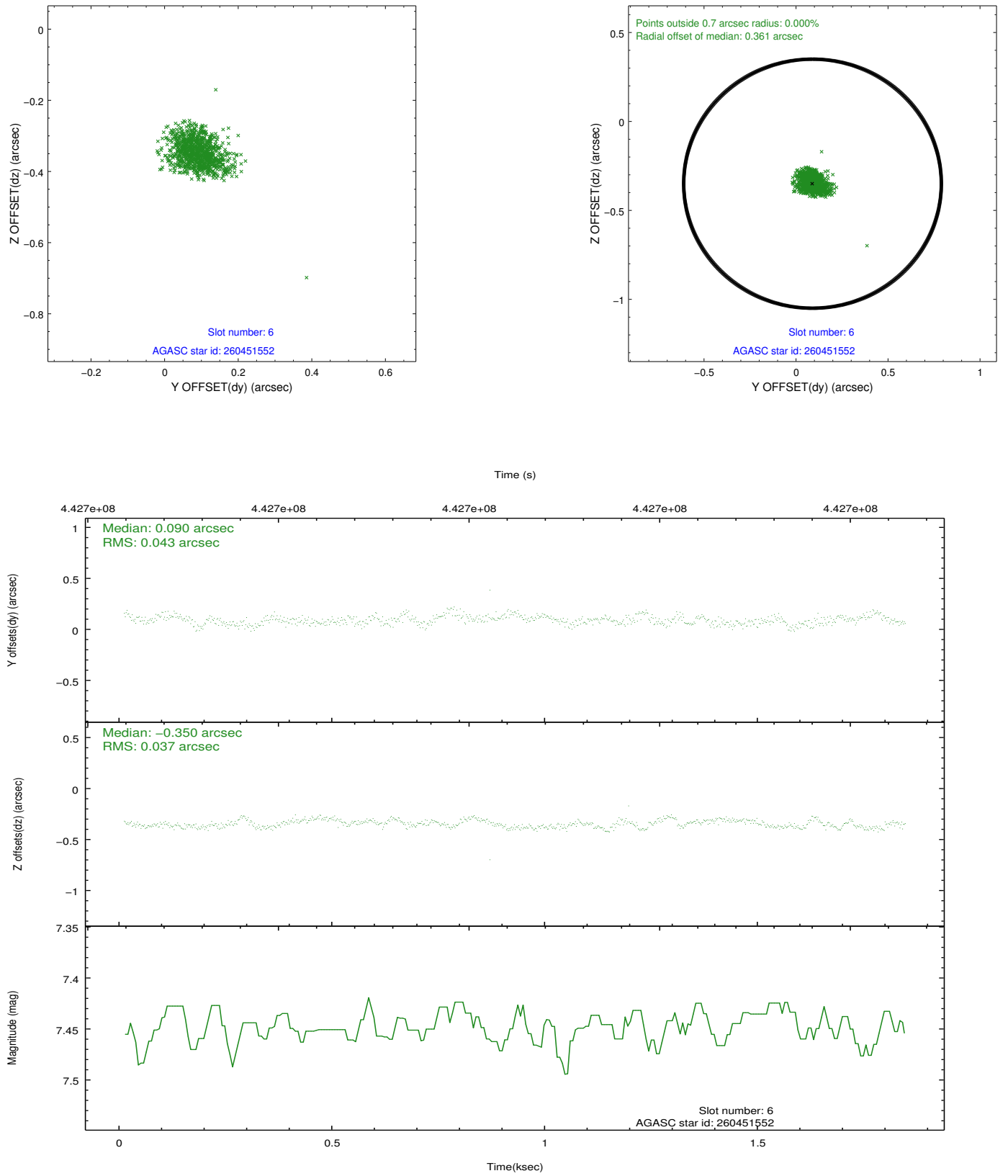
2.4.2 Slot 4



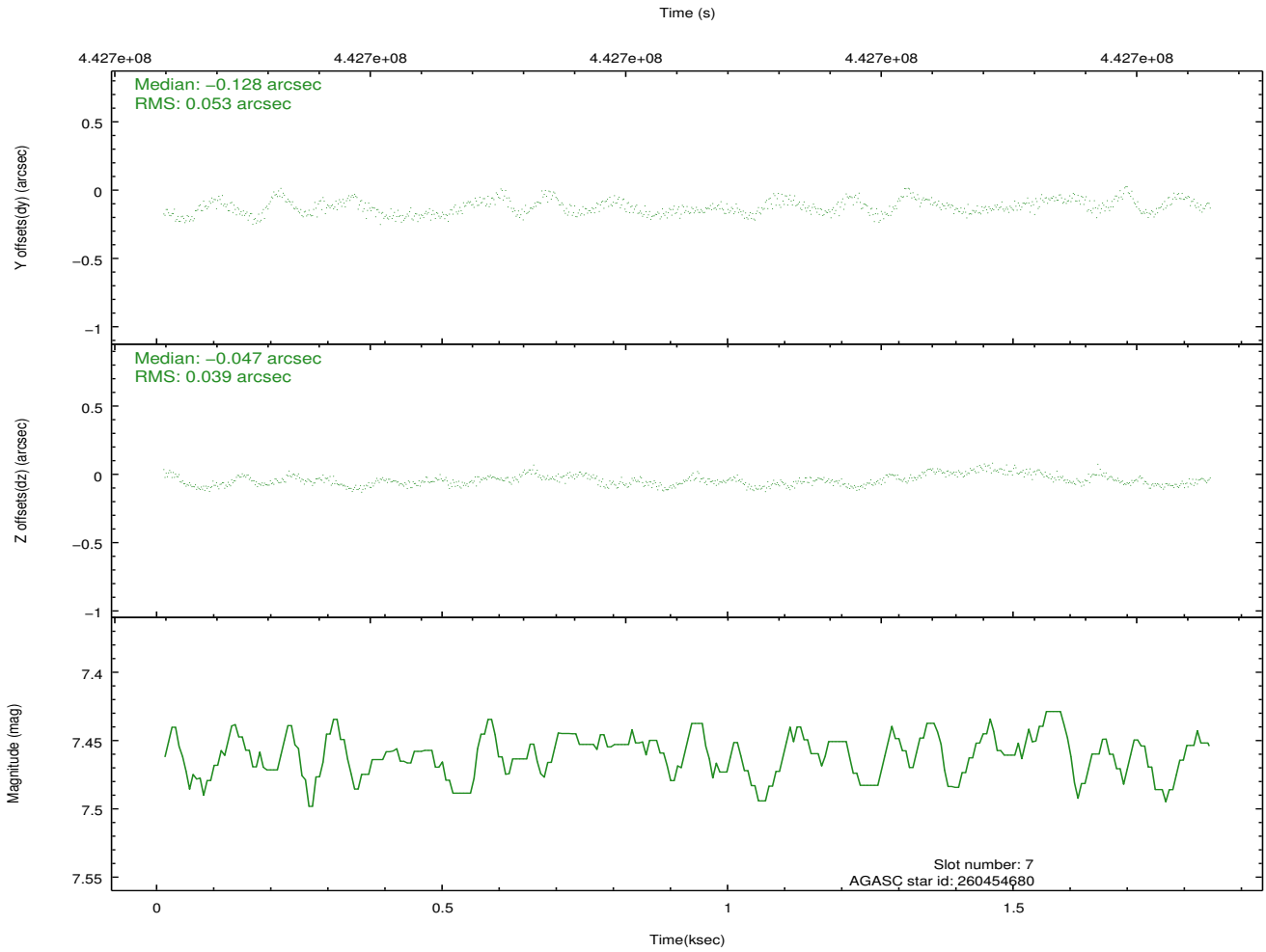
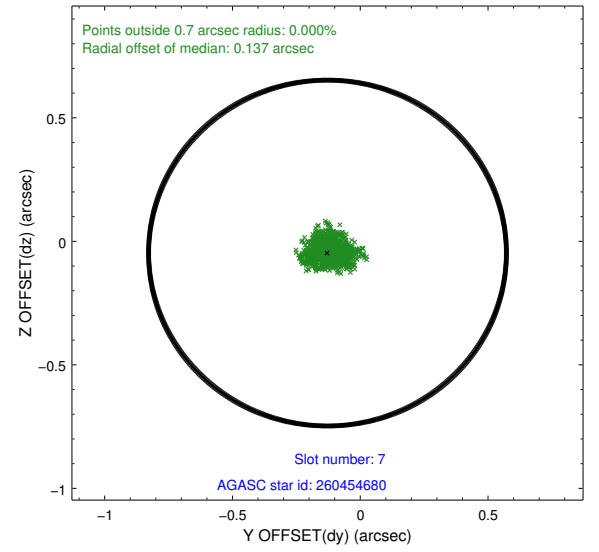
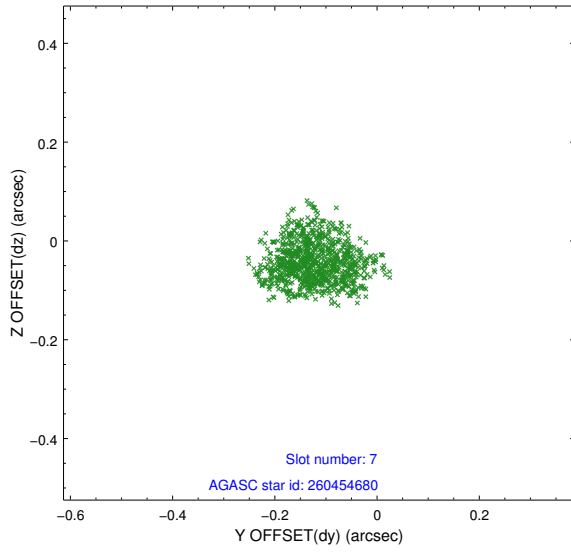
2.4.3 Slot 5



2.4.4 Slot 6

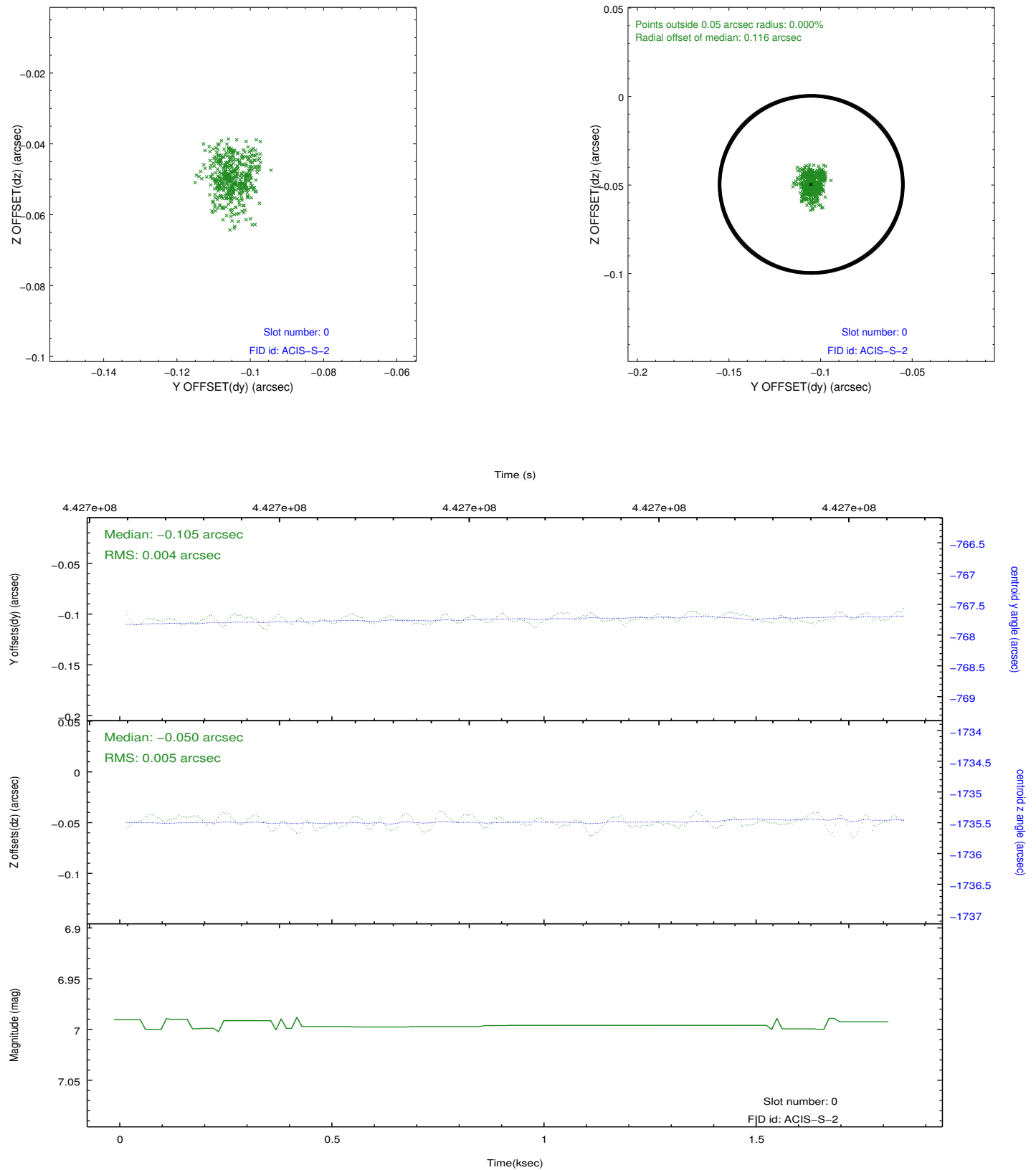


2.4.5 Slot 7

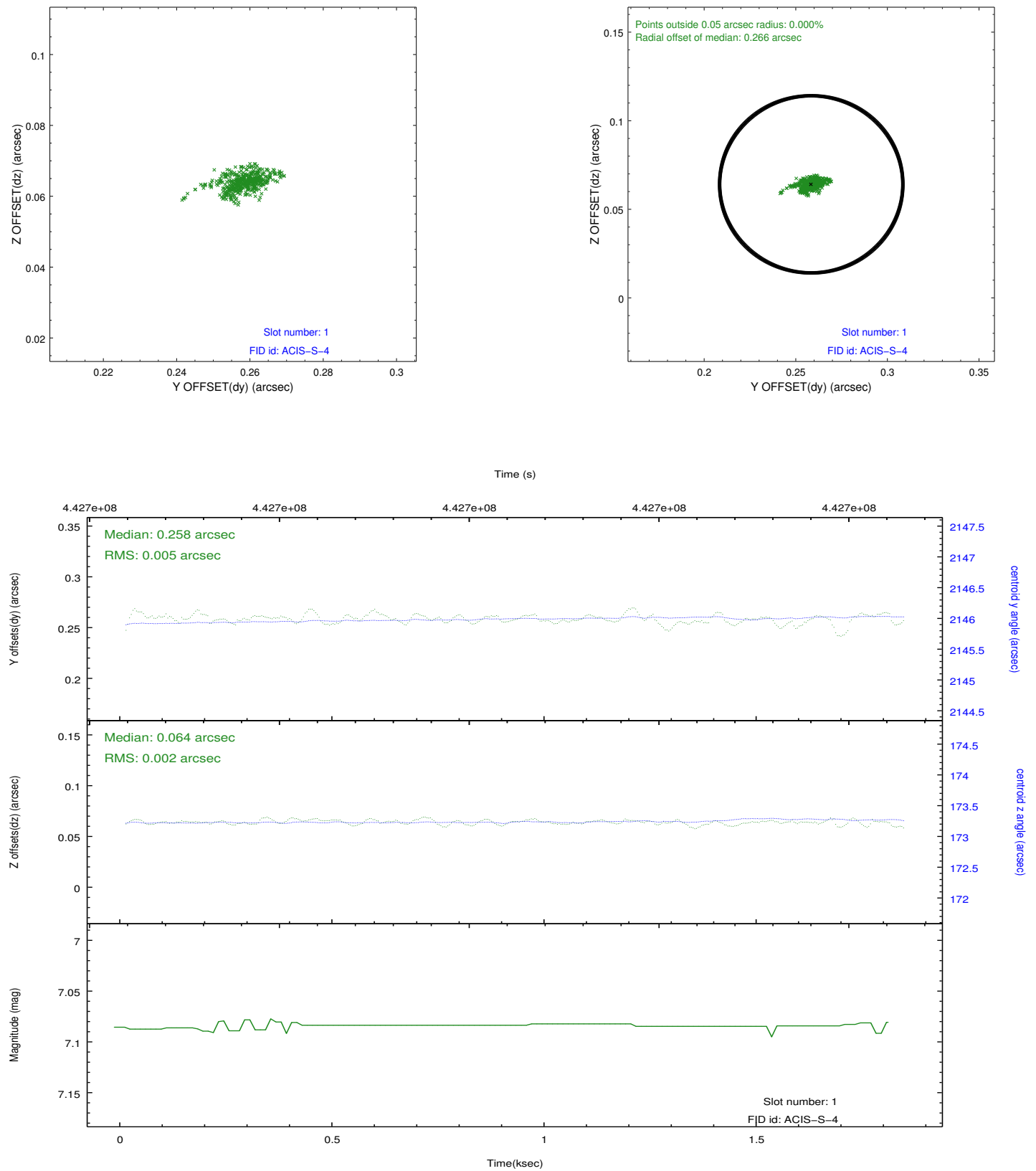


2.5 FID Slots

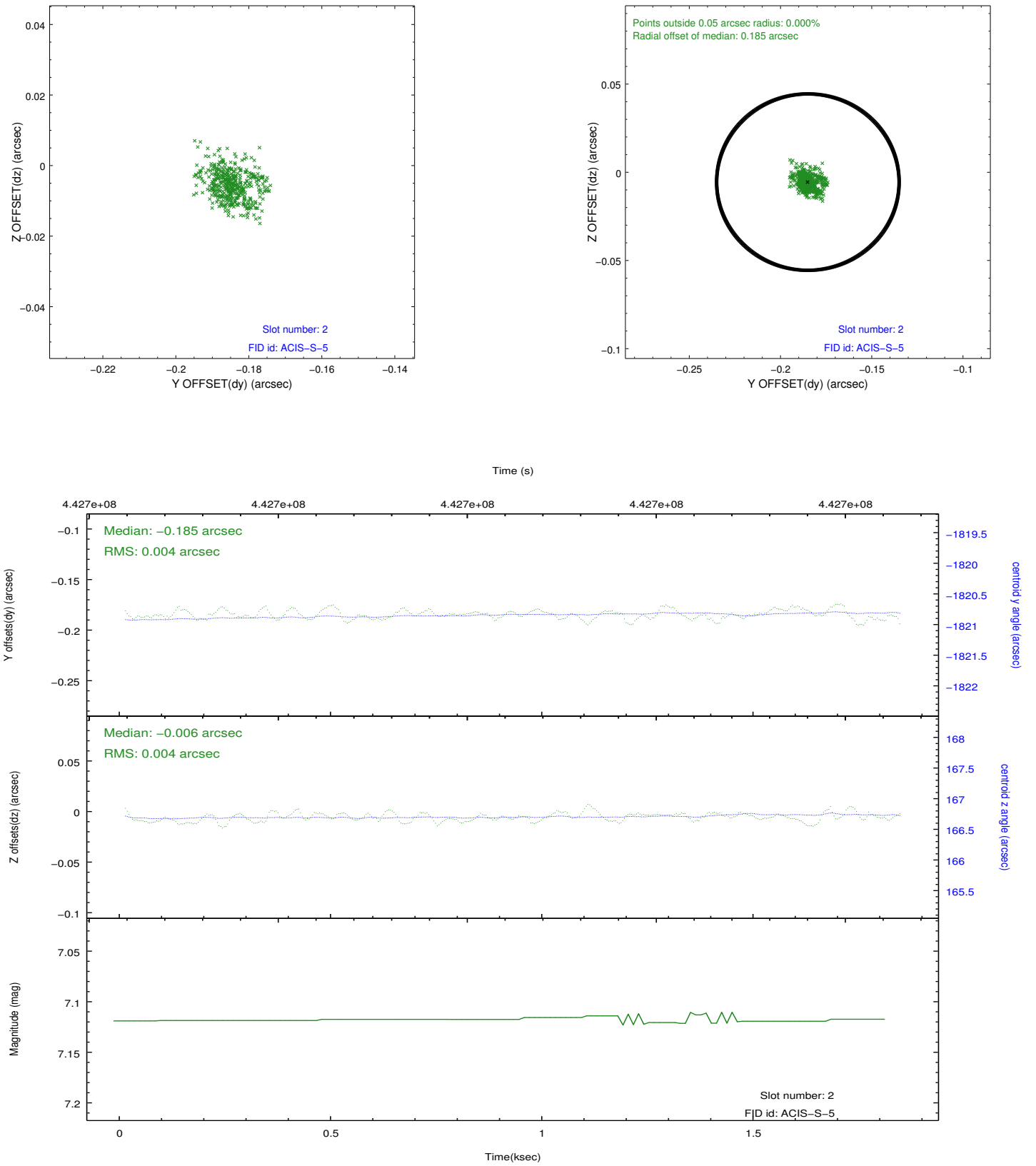
2.5.1 Slot 0



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)	2012.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5593000119925

A.2 Comments