

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3882 - L2 Version 3
Chandra X-Ray Center

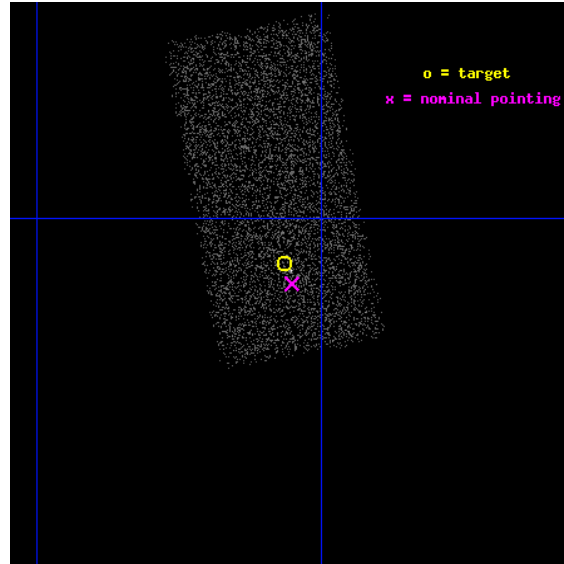
L2 Processing Date : Oct 26 2012

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1 Front

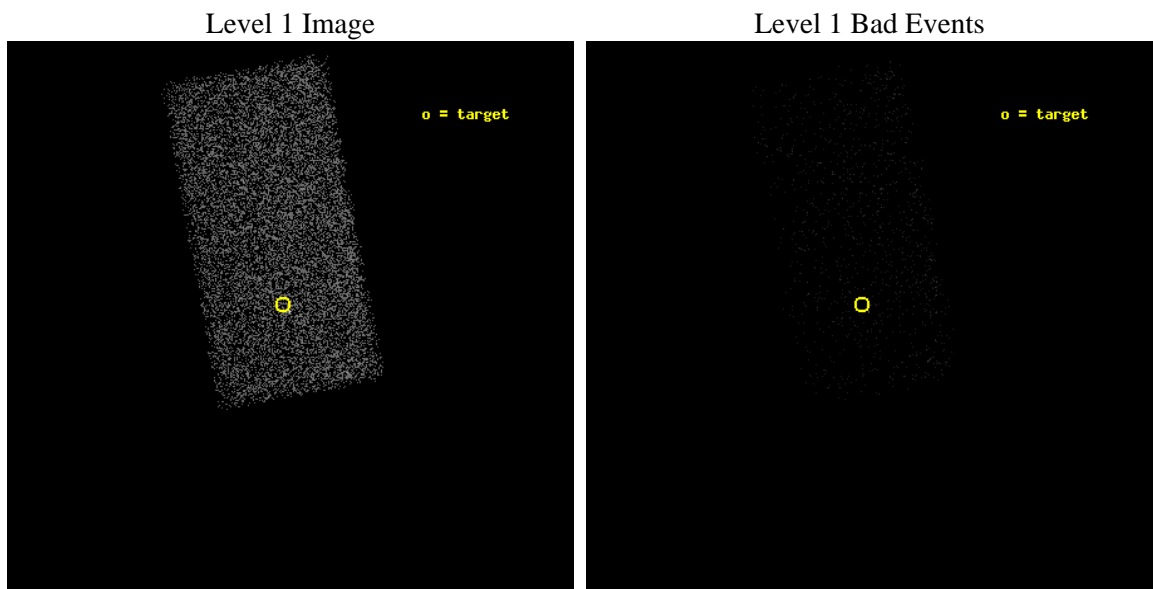
seq_num	500361	Sequence number
obs_id	3882	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	LNS 3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	98.391667	Observer's specified target RA [deg]
dec_targ	6.147778	Observer's specified target Dec [deg]
ra_nom	98.388216618868	Nominal RA [deg]
dec_nom	6.1386563468915	Nominal Dec [deg]
roll_nom	259.52851954239	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3598.5	Sum of GTIs [s]
livetime	3502.6670300576	Livetime [s]
ontime7	3598.5	Sum of GTIs [s]
l2events	8617	Number of level 2 events



2 OBI

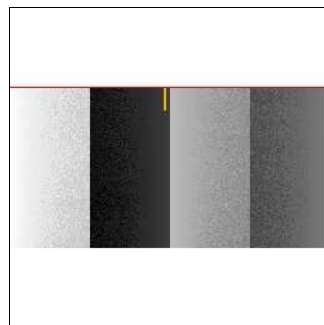
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3598.5	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	3598.5	Sum of GTIs [s]
date	2012-10-26T21:25:34	Date and time of file creation	l1events	18468	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

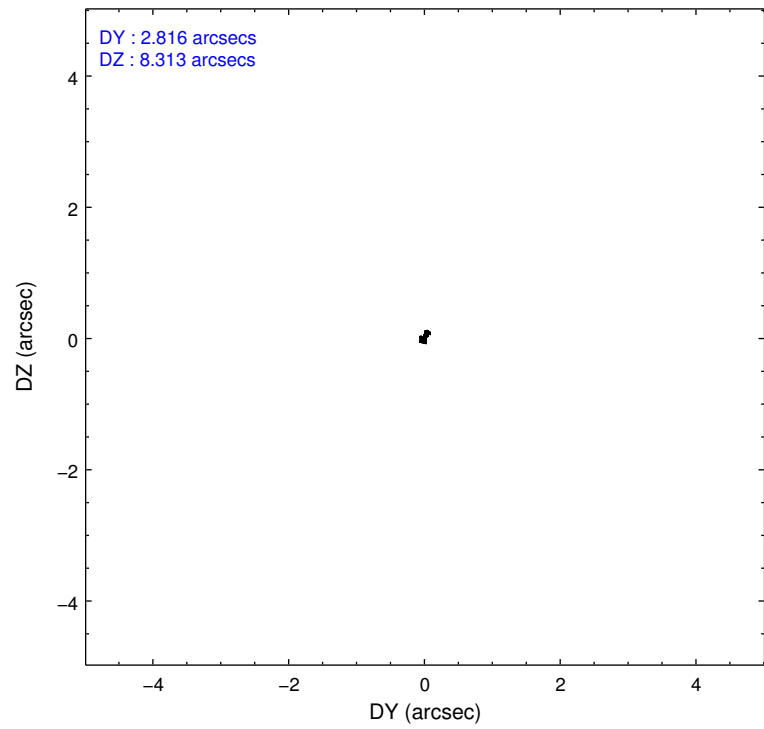
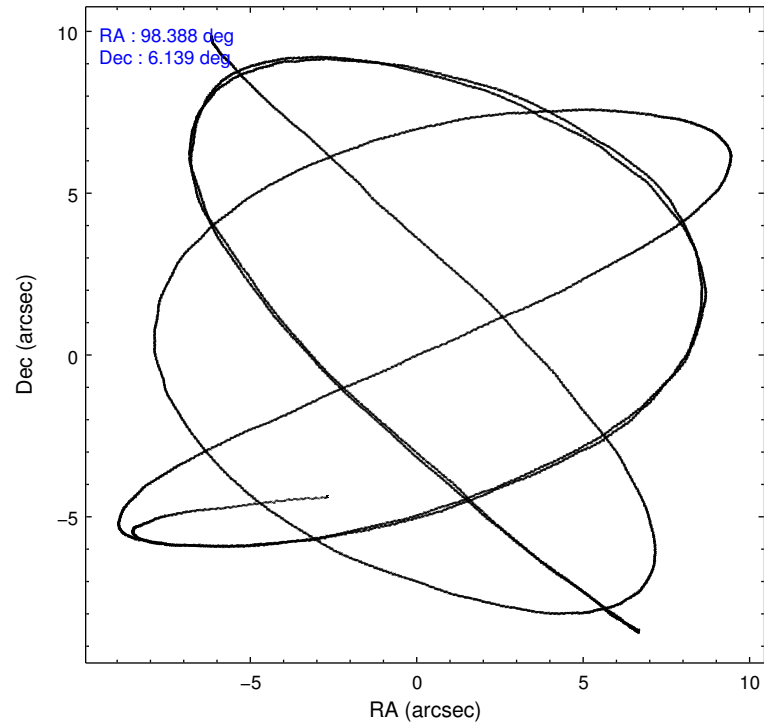
	ccd 7
level 1 events	18468
rejected events	9660
rejected %	52%

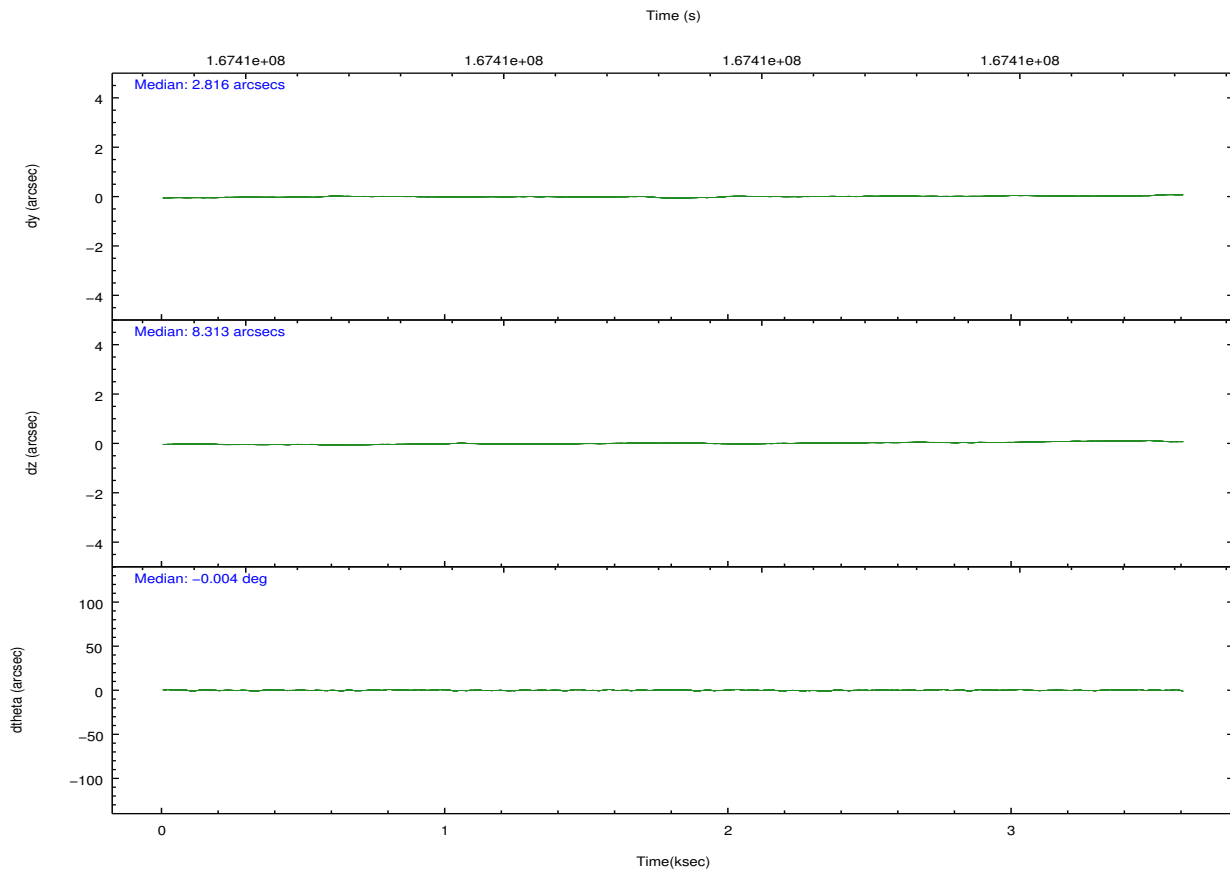
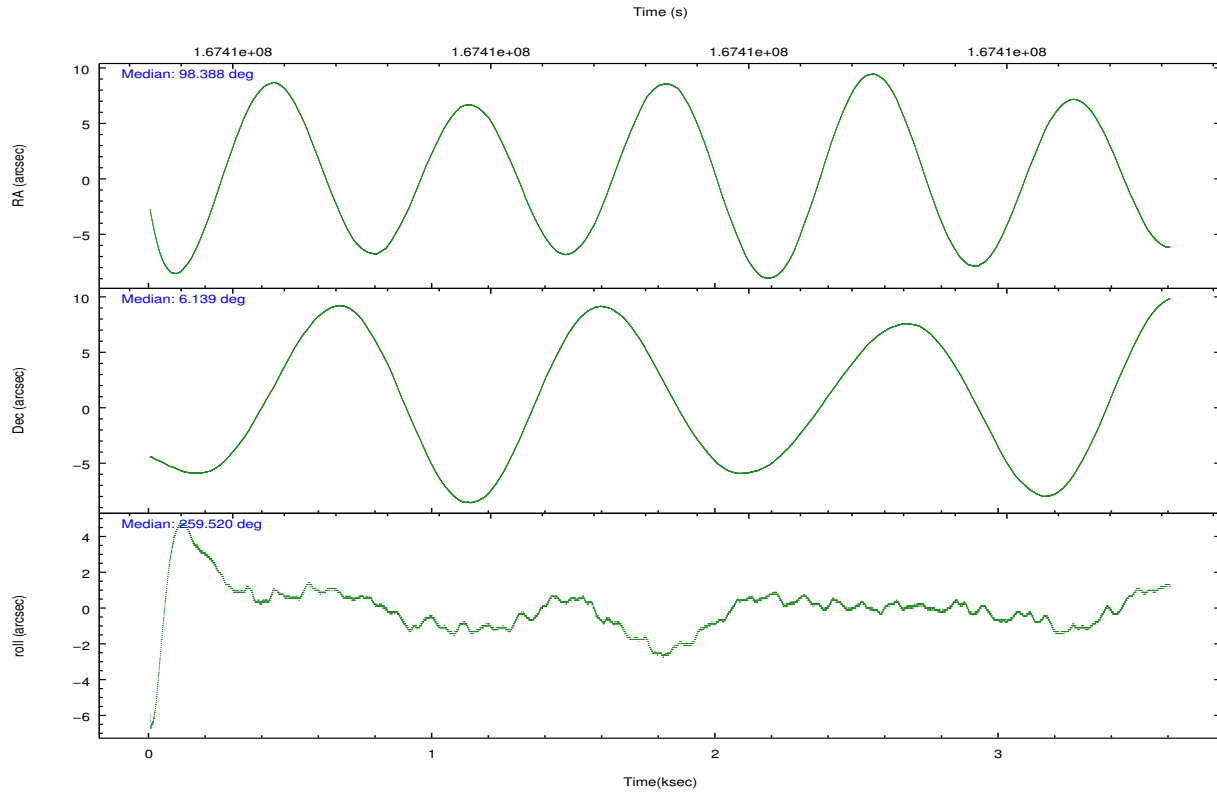
	ccd 7
grade 0 events	968
	5%
grade 1 events	12
	0%
grade 2 events	1889
	10%
grade 3 events	926
	5%
grade 4 events	857
	4%
grade 5 events	1570
	8%
grade 6 events	4772
	25%
grade 7 events	7474
	40%

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	98.378750	98.38821661886814	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	6.164260	6.13865634689154	Subarray start row	257	257
[deg] Pointing Roll	259.372943	259.5285195423889	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	167408463.184000	167407294.29761			
Observation start date	2003-04-22T14:19:59	2003-04-22T14:01:34			
[s] Observation end time (MET)	167411463.184000	167412403.41033			
Observation end date	2003-04-22T15:09:59	2003-04-22T15:26:43			
Read mode	TIMED	TIMED			

2.3 Aspect



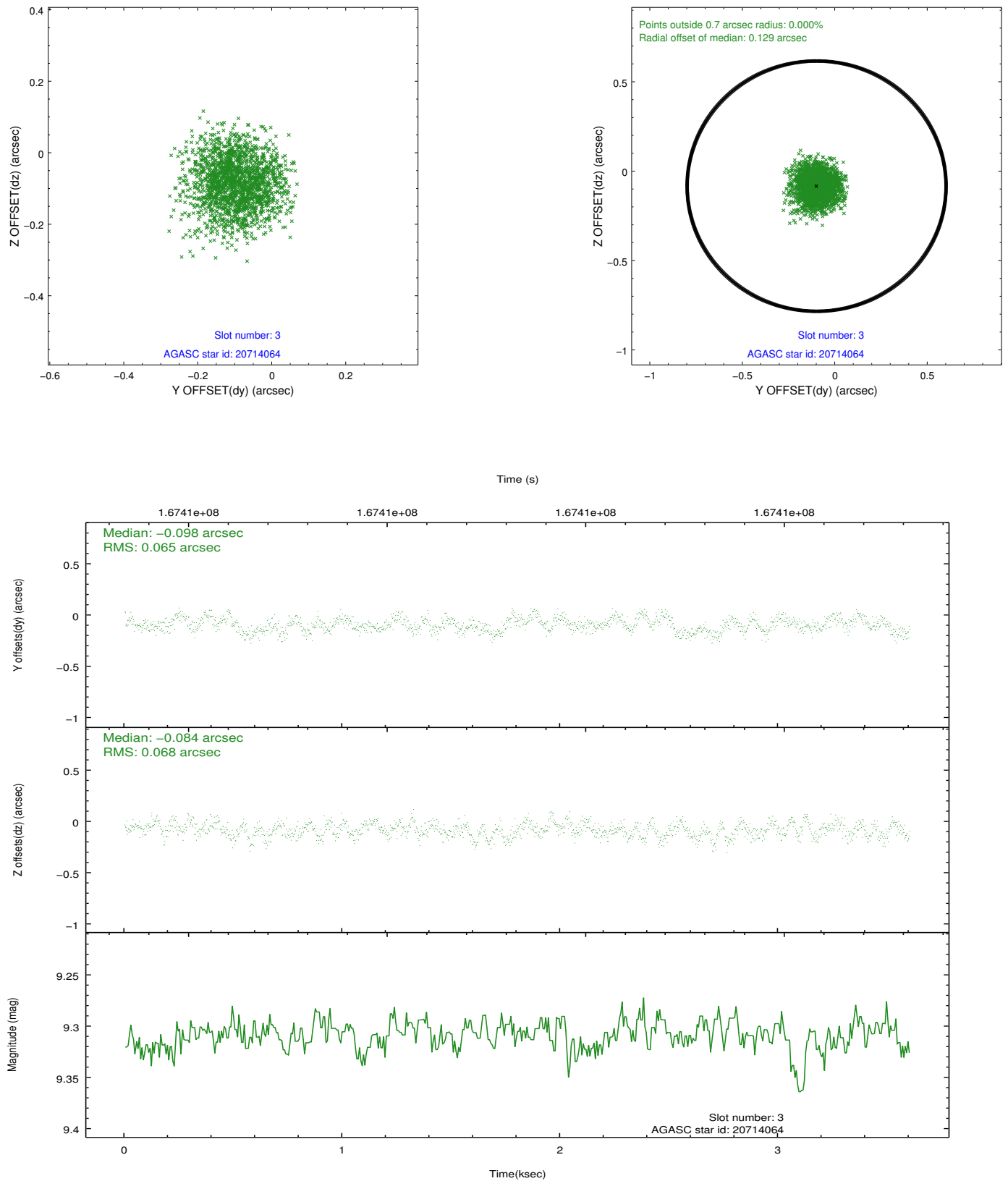


Slot Statistics

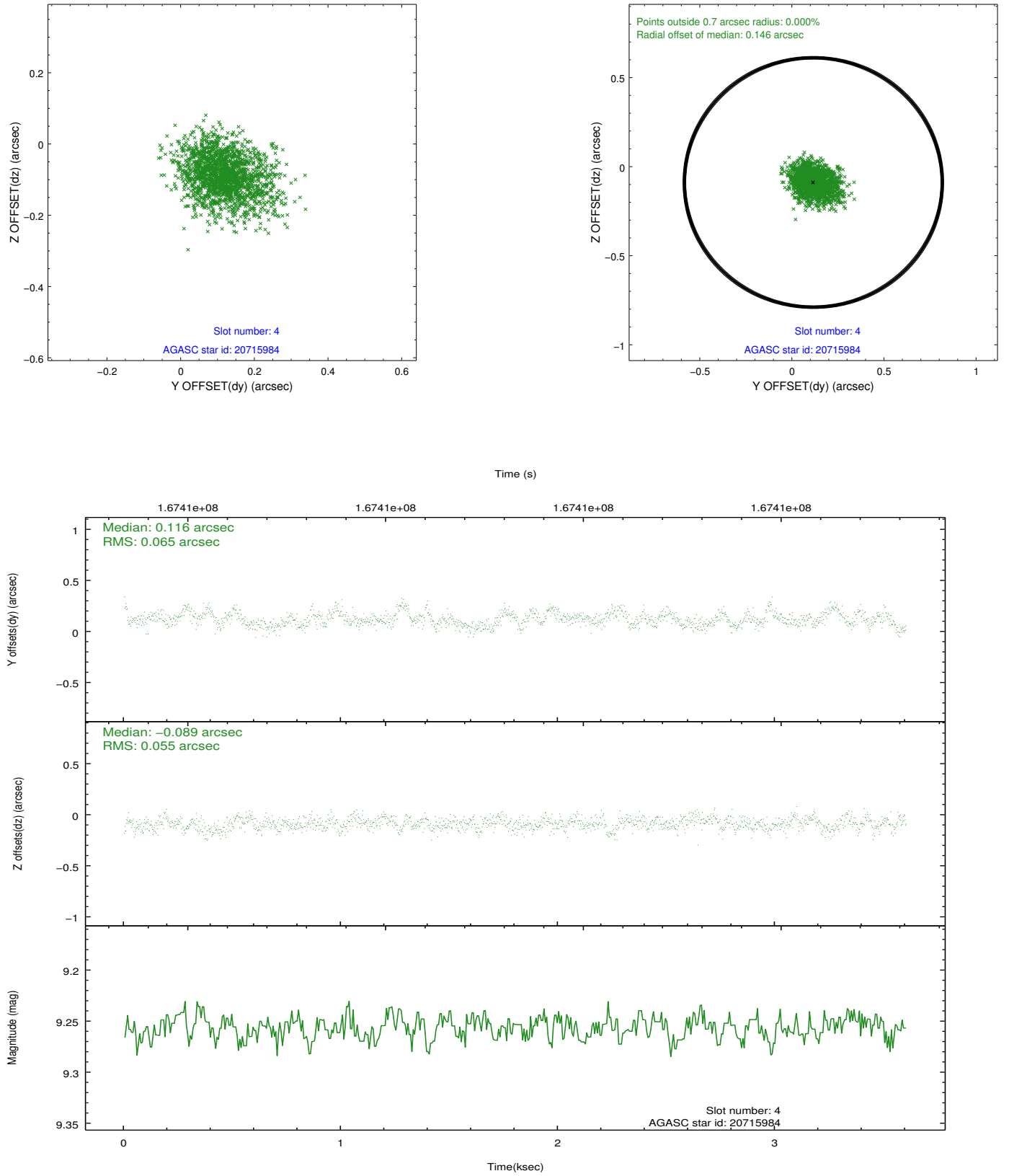
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	879	-0.013	-0.014	0.006	0.012	0.000000	0.000000	-755.47	-1729.43
1	FID	ACIS-S-4	7.20	879	-0.000	0.010	0.005	0.010	0.000000	0.000000	2157.04	177.27
2	FID	ACIS-S-5	7.24	879	-0.018	0.013	0.006	0.011	0.000000	0.000000	-1806.06	172.94
3	GUIDE	20714064	9.31	1755	-0.098	-0.084	0.102	0.160	97.827370	6.379135	-397.36	-2081.44
4	GUIDE	20715984	9.26	1757	0.116	-0.089	0.091	0.150	97.692455	5.871508	1487.81	-2222.14
5	GUIDE	20728424	7.93	1758	-0.129	0.039	0.066	0.105	98.594325	6.695112	-2020.01	403.99
6	GUIDE	20727600	6.77	1758	0.046	-0.007	0.058	0.093	97.637242	5.866998	1538.97	-2412.09
7	GUIDE	20722400	9.19	1757	0.063	0.141	0.107	0.167	98.972344	5.842418	746.12	2302.12

2.4 Star Slots

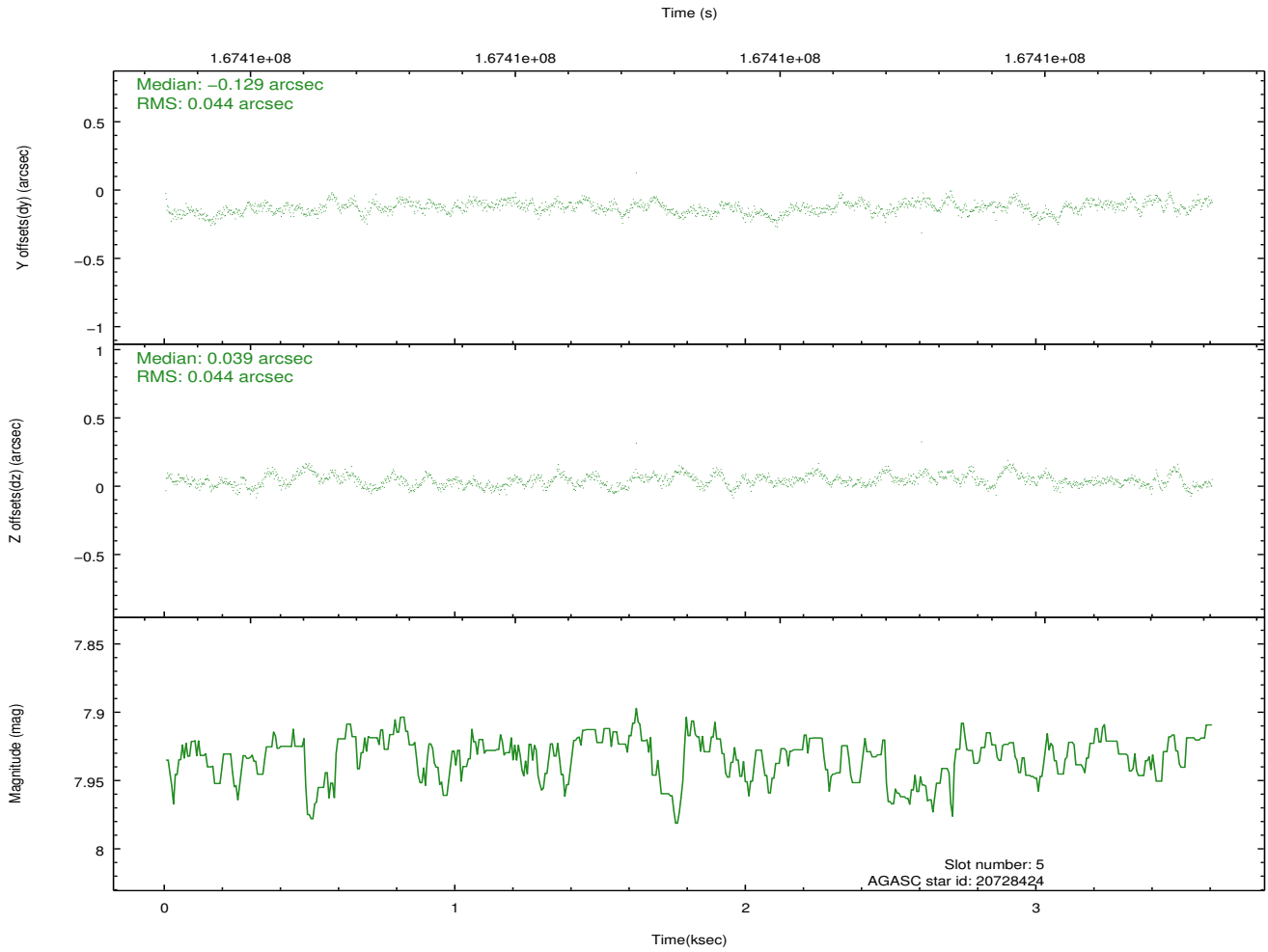
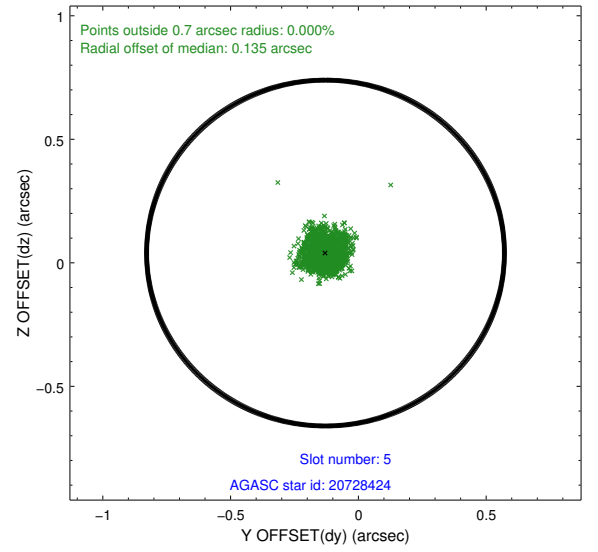
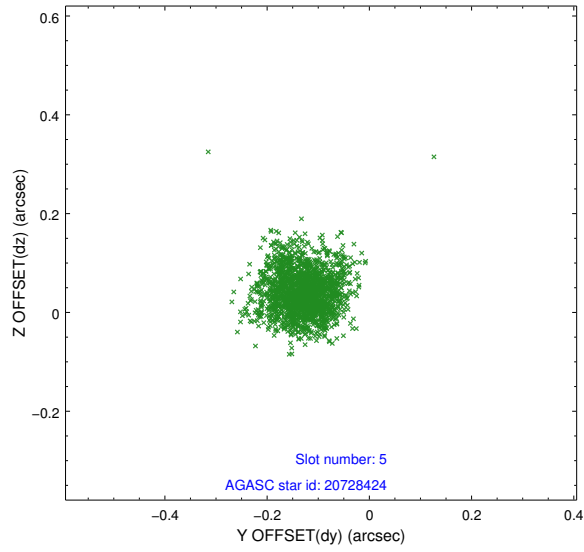
2.4.1 Slot 3



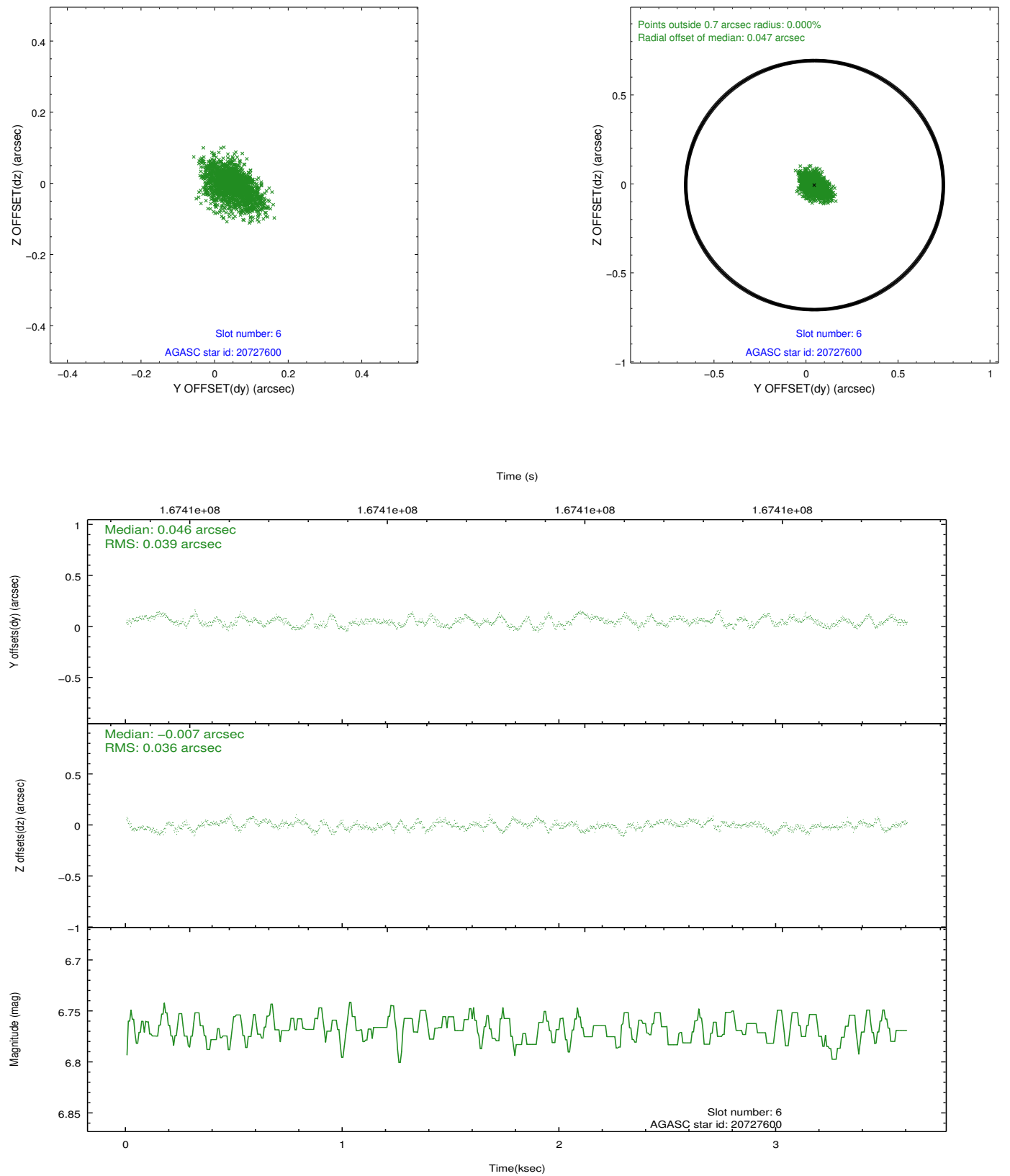
2.4.2 Slot 4



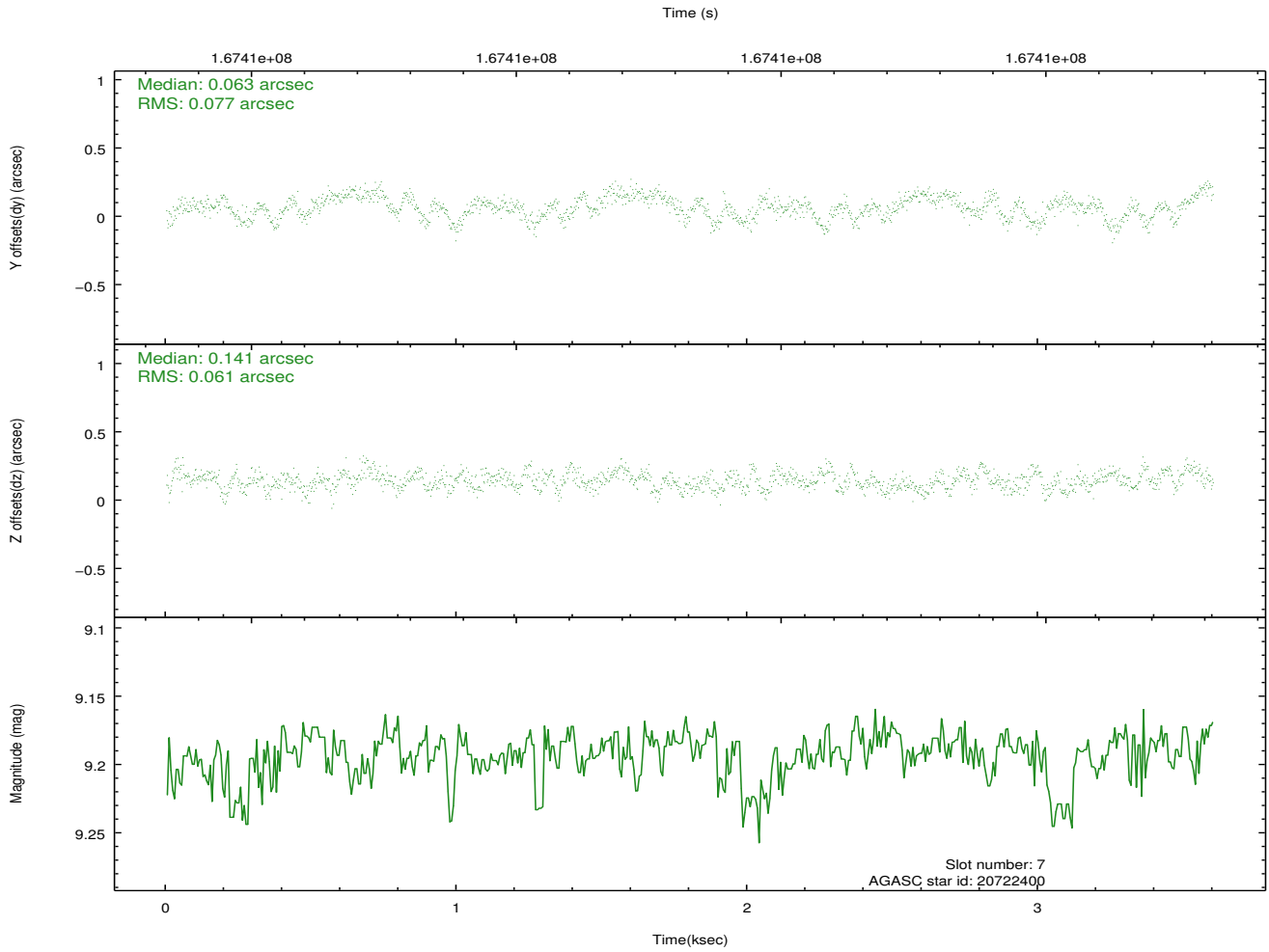
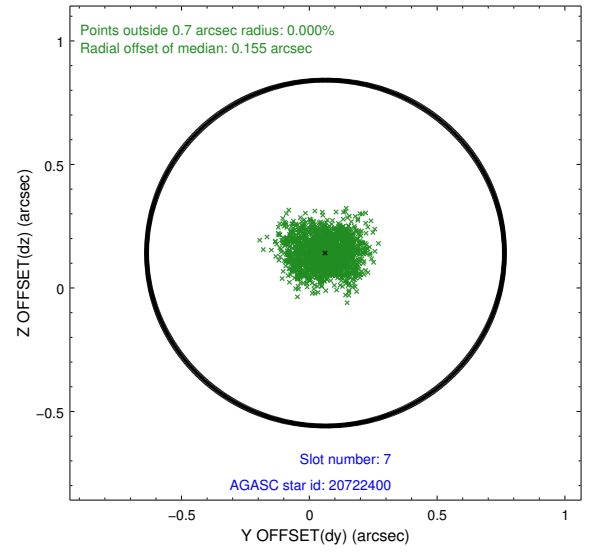
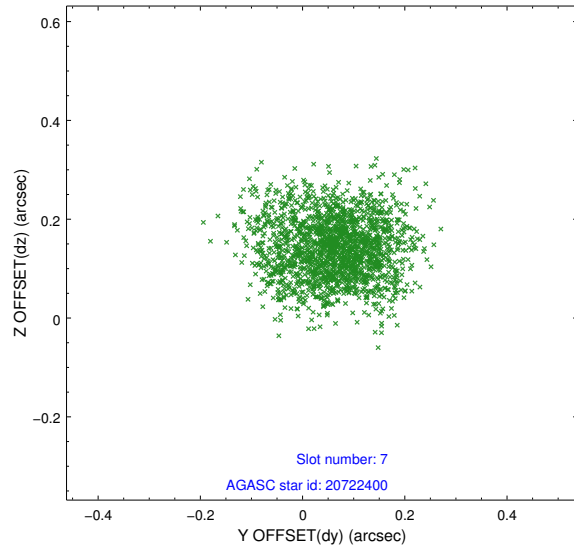
2.4.3 Slot 5



2.4.4 Slot 6

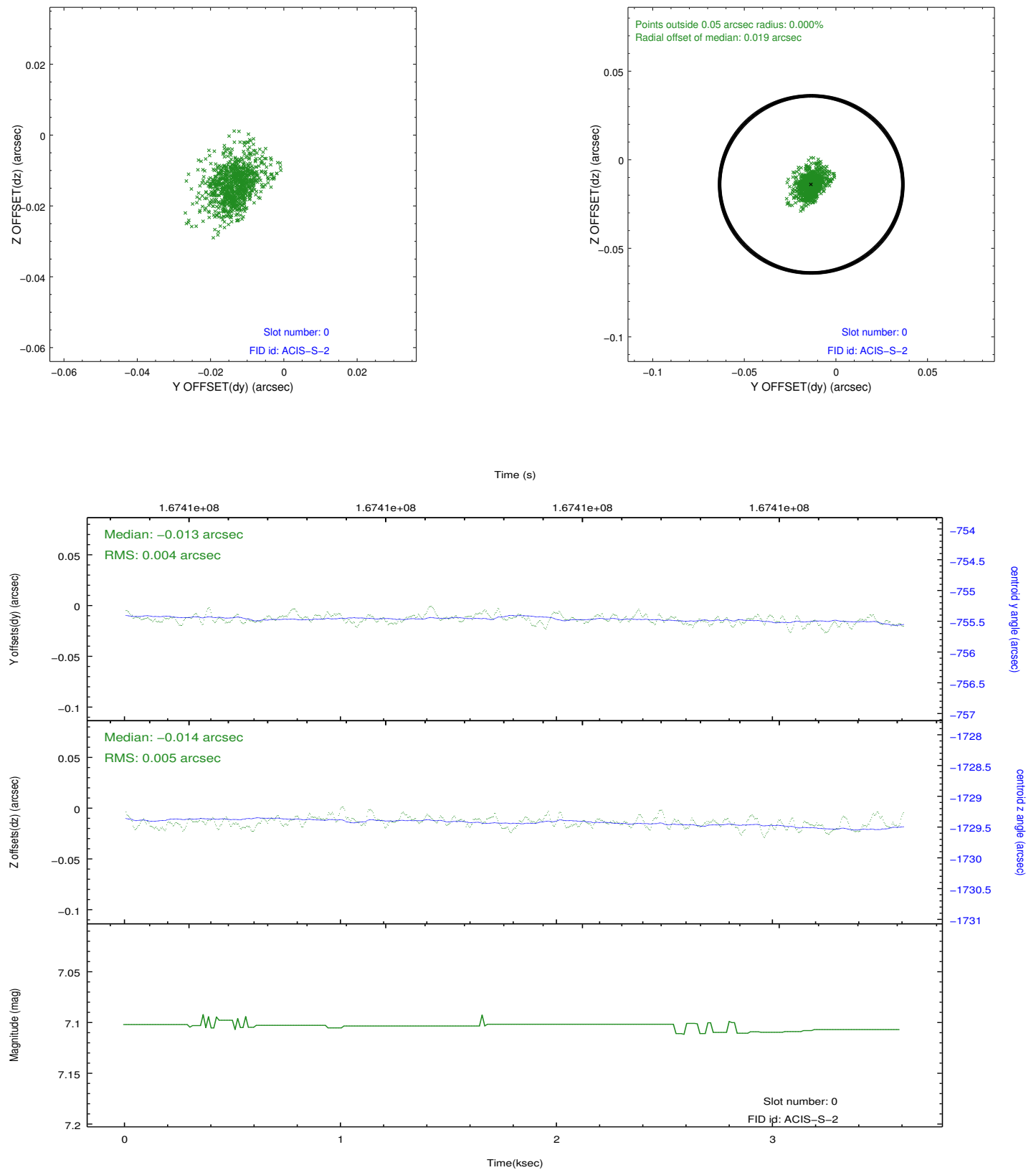


2.4.5 Slot 7

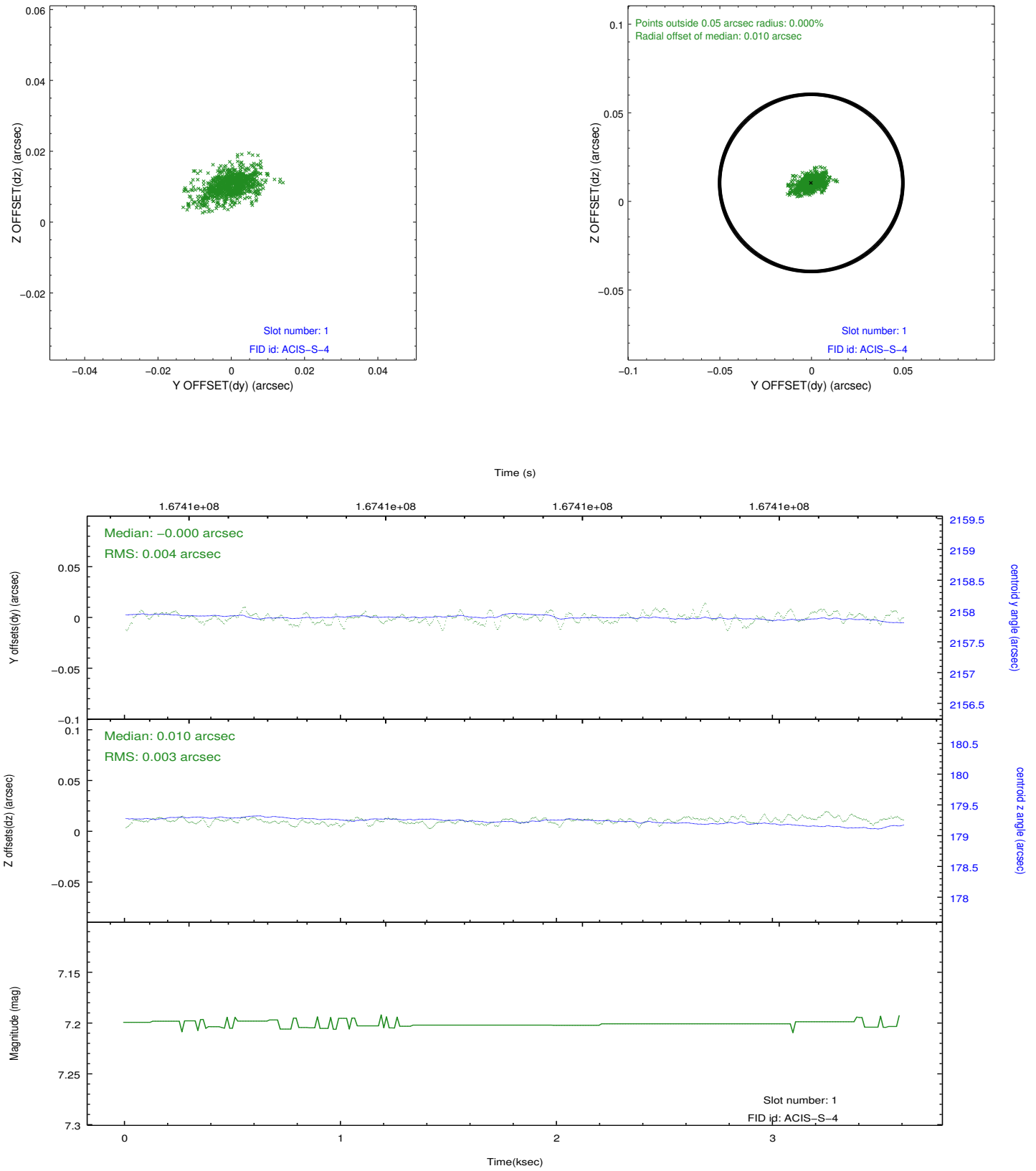


2.5 FID Slots

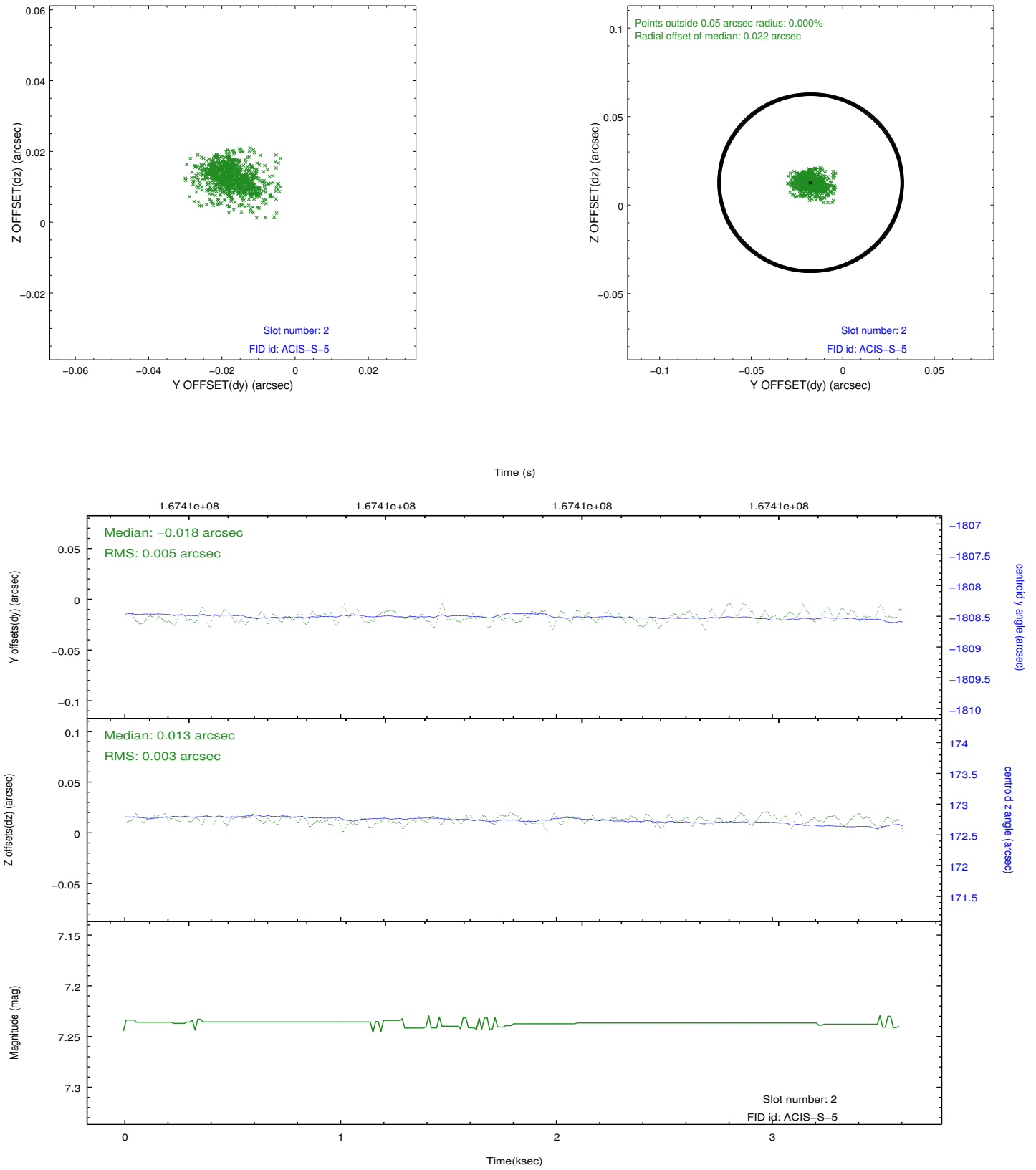
2.5.1 Slot 0



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)	2012.11.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.598

A.2 Comments